

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010196.D
 Acq On : 09 Apr 2019 01:29
 Operator : SY/MD
 Sample : K2254-08
 Misc : 4.68G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC29

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.309	57	68	79	rBV2	150554	223685	1.27%	0.224%
2	1.528	114	136	142	rBV	297957	352951	2.00%	0.354%
3	1.563	142	147	160	rVV	176673	217729	1.23%	0.218%
4	1.631	160	168	177	rVB	158382	199283	1.13%	0.200%
5	1.756	199	207	216	rVV	226706	301482	1.71%	0.302%
6	1.807	216	223	239	rVB	191746	254616	1.44%	0.255%
7	2.033	285	293	305	rVV	49143	70770	0.40%	0.071%
8	2.119	309	320	335	rVV	302777	512850	2.91%	0.514%
9	2.544	431	452	461	rVV3	227373	577533	3.27%	0.579%
10	2.595	461	468	486	rVV2	104488	215797	1.22%	0.216%
11	2.782	512	526	546	rVB	150032	310247	1.76%	0.311%
12	3.065	599	614	634	rVB	181488	361244	2.05%	0.362%
13	3.303	680	688	701	rVB3	32619	66408	0.38%	0.067%
14	3.801	827	843	859	rVV2	151755	378811	2.15%	0.380%
15	4.396	1011	1028	1054	rBV2	183068	499450	2.83%	0.501%
16	4.714	1109	1127	1143	rBV4	243754	617904	3.50%	0.620%
17	4.804	1143	1155	1182	rVB4	73969	221944	1.26%	0.223%
18	4.949	1182	1200	1226	rBV2	189780	479375	2.72%	0.481%
19	5.090	1226	1244	1257	rBV2	406030	1001108	5.67%	1.004%
20	5.219	1273	1284	1291	rBV5	64384	135791	0.77%	0.136%
21	5.280	1292	1303	1317	rVV5	128829	343521	1.95%	0.344%
22	5.364	1317	1329	1343	rVB5	73364	182333	1.03%	0.183%
23	5.531	1364	1381	1392	rBV	174342	348553	1.97%	0.350%
24	5.659	1408	1421	1449	rBV	356468	895604	5.07%	0.898%
25	6.116	1548	1563	1571	rBV	230656	491319	2.78%	0.493%
26	6.171	1572	1580	1594	rVV2	273800	600633	3.40%	0.602%
27	6.238	1594	1601	1610	rVV5	40064	74181	0.42%	0.074%
28	6.296	1610	1619	1630	rVV3	47325	85358	0.48%	0.086%
29	6.431	1643	1661	1673	rBV5	92127	267195	1.51%	0.268%
30	6.499	1675	1682	1698	rVB6	31216	66412	0.38%	0.067%
31	6.695	1727	1743	1760	rVB3	99354	233643	1.32%	0.234%
32	6.820	1762	1782	1795	rBV3	125947	364965	2.07%	0.366%
33	6.958	1816	1825	1832	rBV2	82477	134576	0.76%	0.135%
34	7.029	1842	1847	1857	rVB2	82197	123519	0.70%	0.124%

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 Title : VOC Analysis

35	7.119	1866	1875	1884	rBV	98116	161574	0.92%	0.162%
36	7.212	1895	1904	1916	rVB8	39426	83509	0.47%	0.084%
37	7.306	1916	1933	1939	rBV5	80162	178034	1.01%	0.179%
38	7.357	1939	1949	1961	rVB	458766	801157	4.54%	0.803%
39	7.431	1961	1972	1982	rBV	247259	425856	2.41%	0.427%
40	7.608	2017	2027	2039	rBV3	86358	181038	1.03%	0.182%
41	8.132	2178	2190	2202	rBV2	111603	212067	1.20%	0.213%
42	8.270	2219	2233	2243	rVB10	36059	101192	0.57%	0.101%
43	8.707	2361	2369	2380	rVB3	62767	99309	0.56%	0.100%
44	8.830	2397	2407	2416	rVB2	56791	90317	0.51%	0.091%
45	8.894	2416	2427	2446	rBV	442769	736759	4.17%	0.739%
46	9.055	2465	2477	2491	rBV	2206191	3426176	19.41%	3.436%
47	9.180	2503	2516	2529	rBV	3503188	5591227	31.67%	5.607%
48	9.244	2531	2536	2561	rVB5	78939	173121	0.98%	0.174%
49	9.585	2630	2642	2668	rVB	1445811	2351234	13.32%	2.358%
50	9.974	2749	2763	2780	rBV	469124	755531	4.28%	0.758%
51	10.260	2836	2852	2870	rVB	177560	305690	1.73%	0.307%
52	10.396	2883	2894	2912	rBV	1401510	2131424	12.07%	2.137%
53	10.492	2912	2924	2942	rVV	4052024	9008153	51.03%	9.034%
54	10.585	2942	2953	2984	rVB	2909239	4488110	25.42%	4.501%
55	10.781	3003	3014	3036	rVB	2032444	3106210	17.60%	3.115%
56	10.961	3052	3070	3097	rVB	11920673	17653303	100.00%	17.703%
57	11.100	3099	3113	3118	rBV	128496	208832	1.18%	0.209%
58	11.132	3118	3123	3136	rVB	160876	239803	1.36%	0.240%
59	11.238	3148	3156	3164	rVV	261308	386378	2.19%	0.387%
60	11.293	3164	3173	3189	rVV3	374962	601328	3.41%	0.603%
61	11.383	3189	3201	3216	rVV	2810120	4232684	23.98%	4.245%
62	11.579	3248	3262	3269	rBV3	1169509	2398168	13.58%	2.405%
63	11.621	3270	3275	3283	rVV	1274721	1799692	10.19%	1.805%
64	11.685	3283	3295	3312	rVB3	2070676	4221981	23.92%	4.234%
65	11.791	3319	3328	3337	rBV2	124802	192699	1.09%	0.193%
66	11.865	3337	3351	3367	rVB	555569	877356	4.97%	0.880%
67	11.958	3367	3380	3384	rBV	1156258	1710790	9.69%	1.716%
68	11.987	3385	3389	3400	rVB	1073610	1422899	8.06%	1.427%
69	12.061	3400	3412	3433	rVB	1963513	3155029	17.87%	3.164%
70	12.164	3433	3444	3474	rBV3	482737	1189958	6.74%	1.193%
71	12.302	3475	3487	3495	rBV3	49617	96236	0.55%	0.097%

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72	12.363	3495	3506	3517	rVB	443496	683672	3.87%	0.686%
73	12.460	3517	3536	3544	rBV	1239819	1893893	10.73%	1.899%
74	12.514	3544	3553	3569	rVB	1808314	2659474	15.07%	2.667%
75	12.598	3569	3579	3584	rBV2	164655	241545	1.37%	0.242%
76	12.633	3584	3590	3594	rBV2	99106	115537	0.65%	0.116%
77	12.662	3595	3599	3608	rVB	141192	165268	0.94%	0.166%
78	12.730	3610	3620	3624	rBV3	35691	69448	0.39%	0.070%
79	12.772	3624	3633	3647	rVB	652634	981099	5.56%	0.984%
80	12.842	3647	3655	3663	rBV3	104444	137751	0.78%	0.138%
81	12.929	3663	3682	3700	rBV2	1306458	2560943	14.51%	2.568%
82	13.048	3711	3719	3726	rBV	151972	213893	1.21%	0.214%
83	13.096	3727	3734	3744	rVB3	89001	149678	0.85%	0.150%
84	13.215	3761	3771	3778	rBV	129678	204859	1.16%	0.205%
85	13.264	3778	3786	3794	rVB	164048	234427	1.33%	0.235%
86	13.318	3794	3803	3809	rBV2	347756	535819	3.04%	0.537%
87	13.418	3828	3834	3839	rVV	102811	123453	0.70%	0.124%
88	13.450	3839	3844	3855	rVB	129013	179262	1.02%	0.180%
89	13.550	3866	3875	3885	rVB	397758	587796	3.33%	0.589%
90	13.595	3885	3889	3899	rVB2	45828	65210	0.37%	0.065%
91	13.659	3900	3909	3917	rBV5	59836	102867	0.58%	0.103%
92	13.756	3929	3939	3951	rBV7	116468	266433	1.51%	0.267%
93	13.817	3954	3958	3967	rVB2	72425	97361	0.55%	0.098%
94	13.958	3992	4002	4016	rVB2	143870	237609	1.35%	0.238%
95	14.148	4049	4061	4073	rBV5	131214	312436	1.77%	0.313%
96	14.283	4095	4103	4113	rBV2	73287	115105	0.65%	0.115%
97	14.347	4114	4123	4135	rVB3	73425	144753	0.82%	0.145%
98	14.482	4155	4165	4181	rBV5	47081	101638	0.58%	0.102%
99	14.682	4214	4227	4238	rBV	188651	354049	2.01%	0.355%
100	14.868	4275	4285	4298	rVV2	100072	176334	1.00%	0.177%

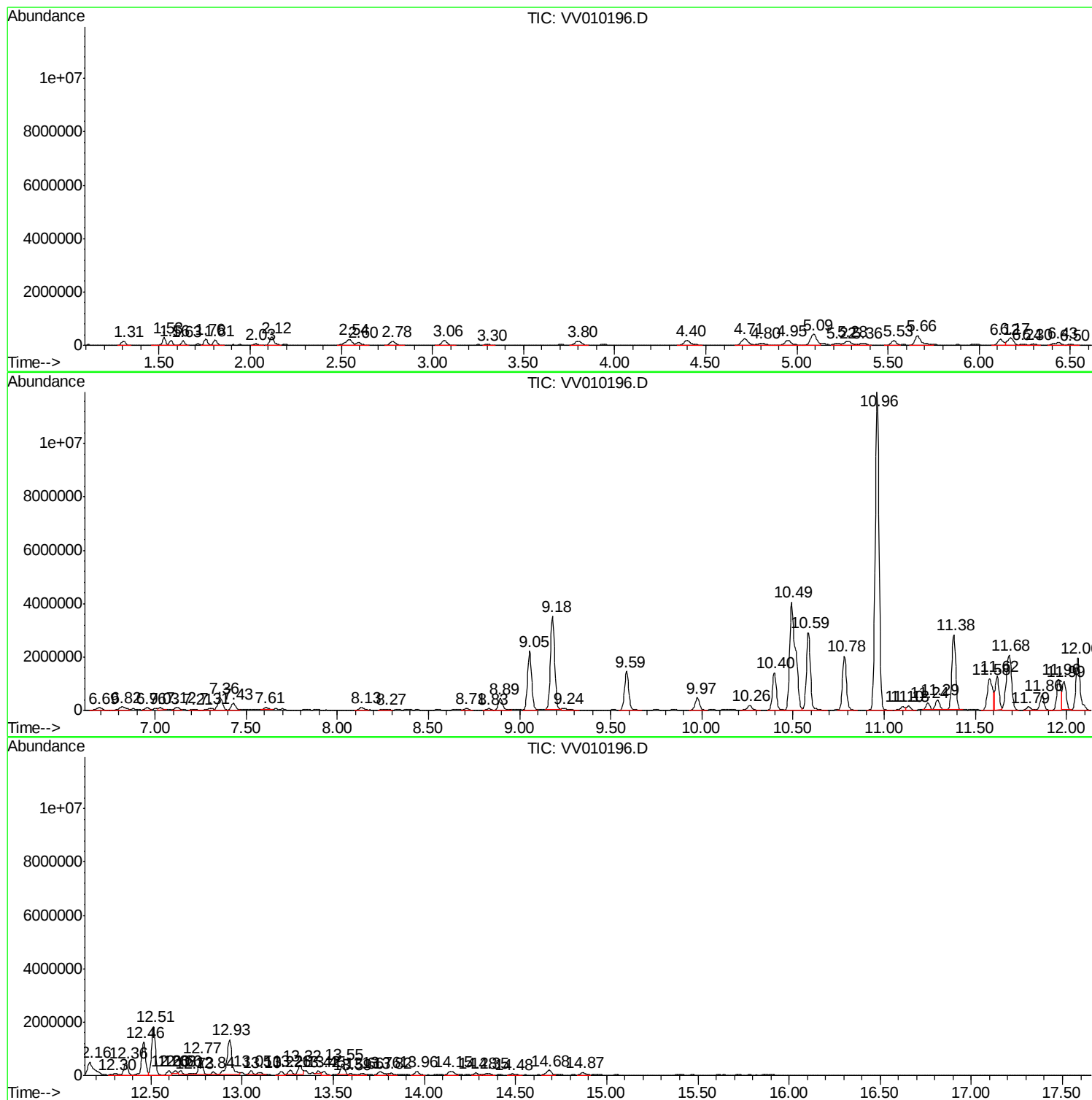
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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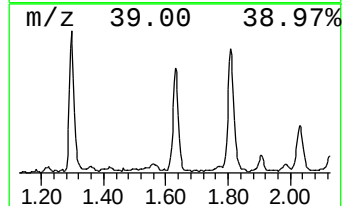
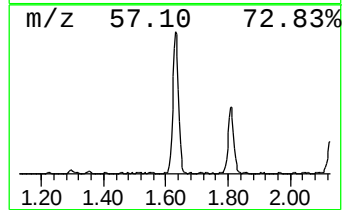
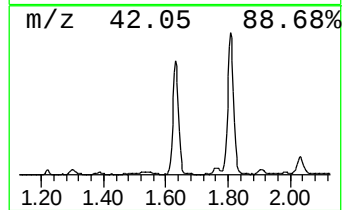
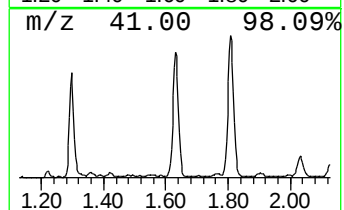
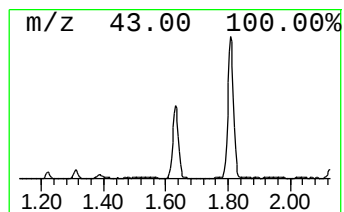
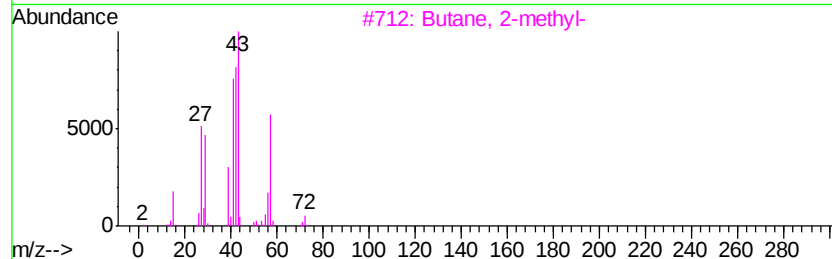
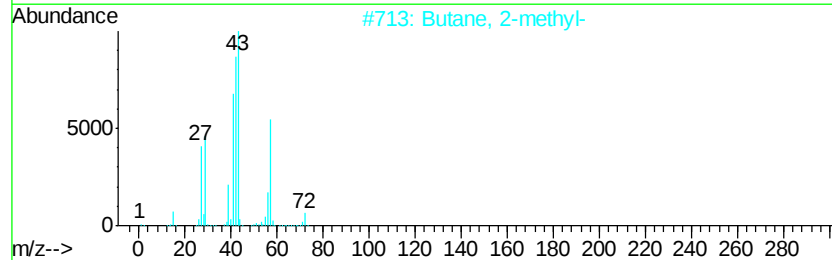
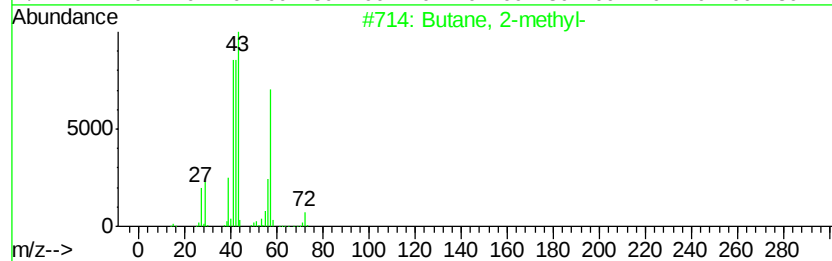
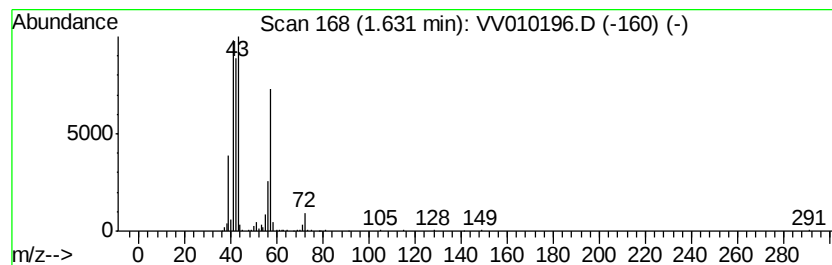
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	5.56 ug/L	199283	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	81
2			Butane, 2-methyl-	72	C5H12	000078-78-4	64
3			Butane, 2-methyl-	72	C5H12	000078-78-4	58
4			3-Buten-1-ol	72	C4H8O	000627-27-0	38
5			Oxirane, trimethyl-	86	C5H10O	005076-19-7	37



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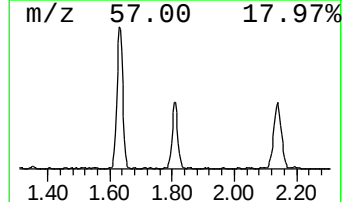
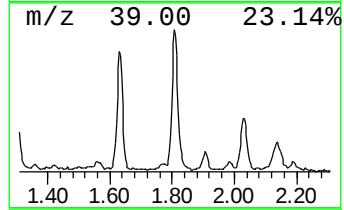
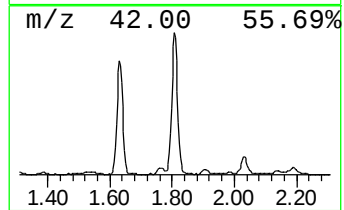
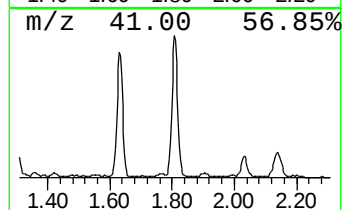
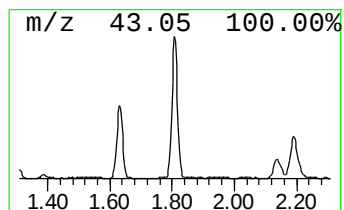
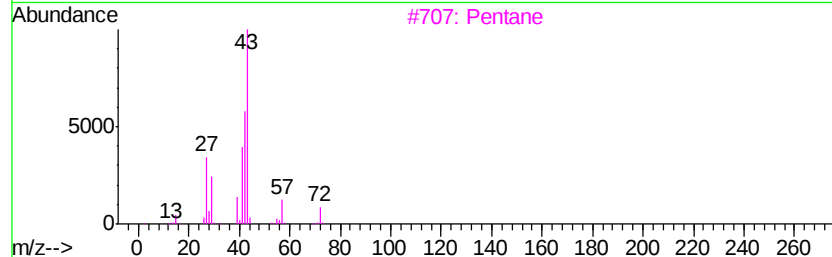
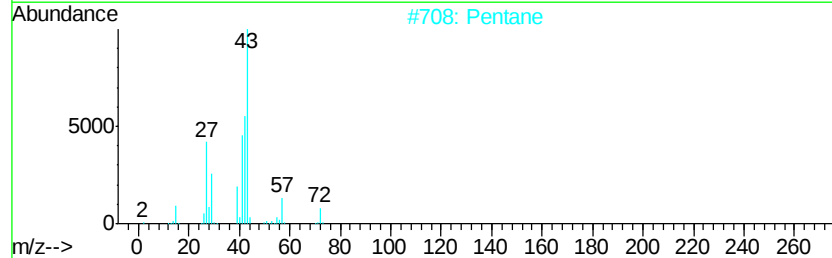
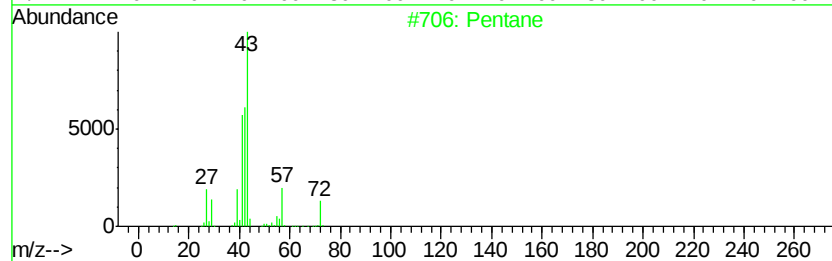
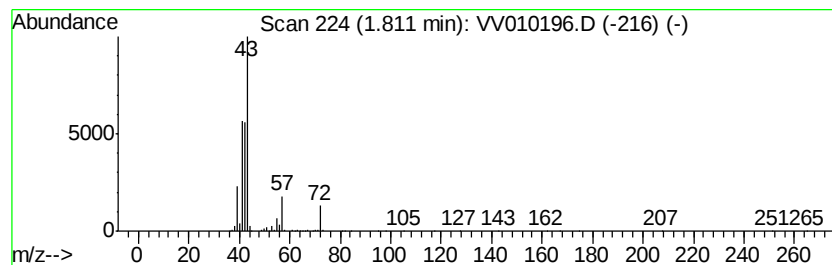
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	7.11 ug/L	254616	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	80
4		Pentane	72	C5H12	000109-66-0	59
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



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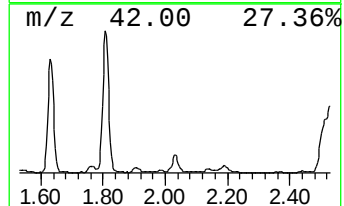
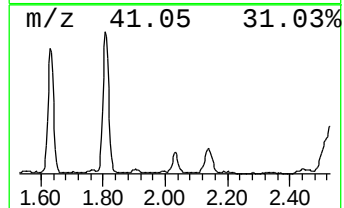
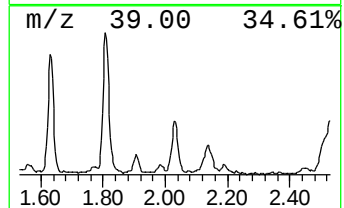
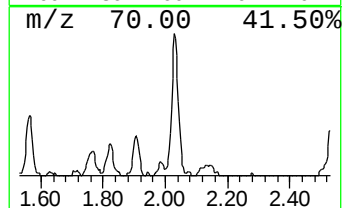
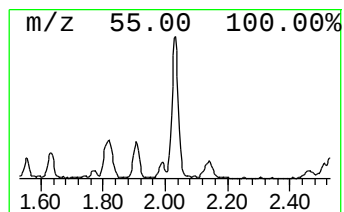
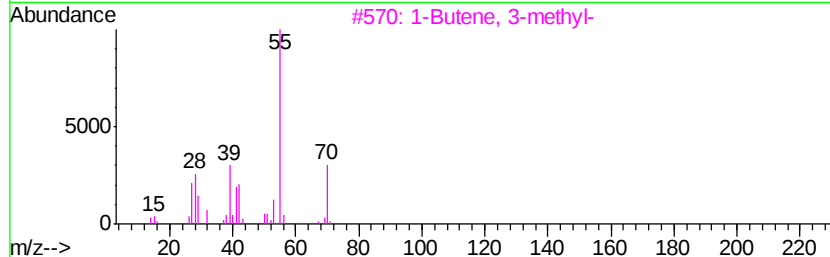
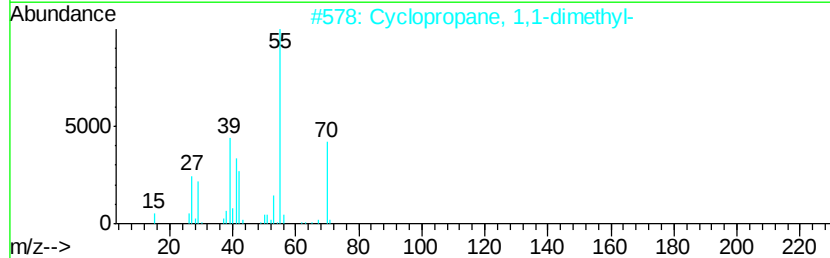
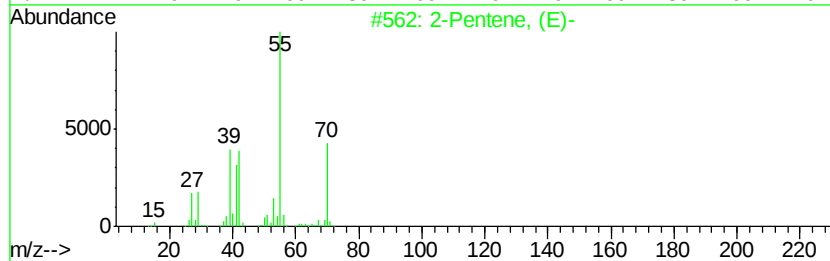
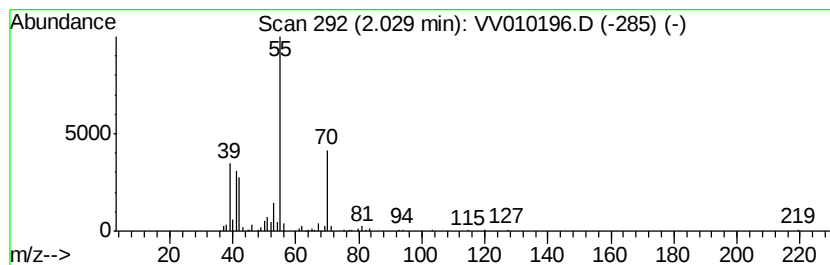
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic2.03 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	1.98 ug/L	70770	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, (E)-	70	C5H10	000646-04-8	81
2			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
3			1-Butene, 3-methyl-	70	C5H10	000563-45-1	80
4			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5			2-Butene, 2-methyl-	70	C5H10	000513-35-9	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

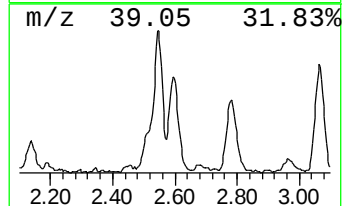
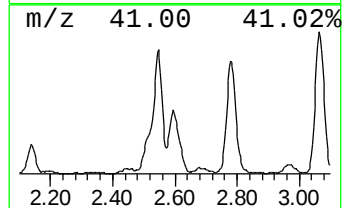
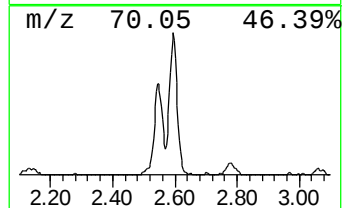
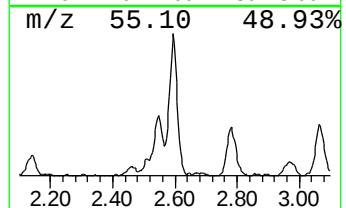
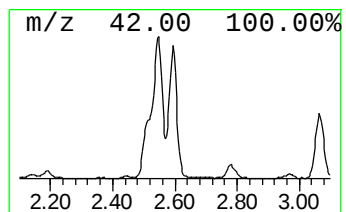
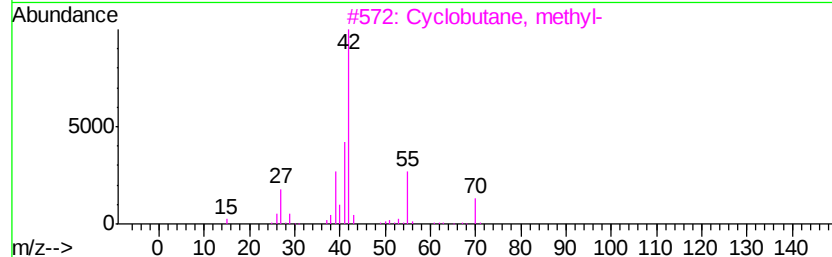
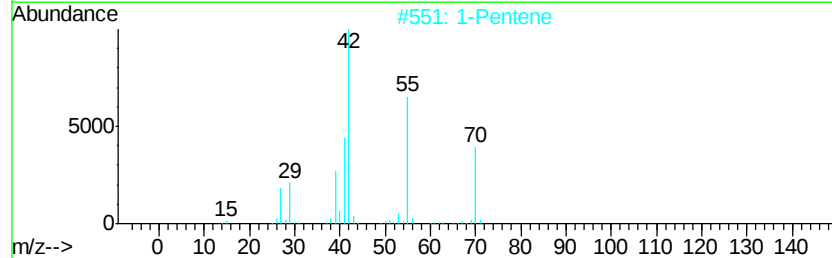
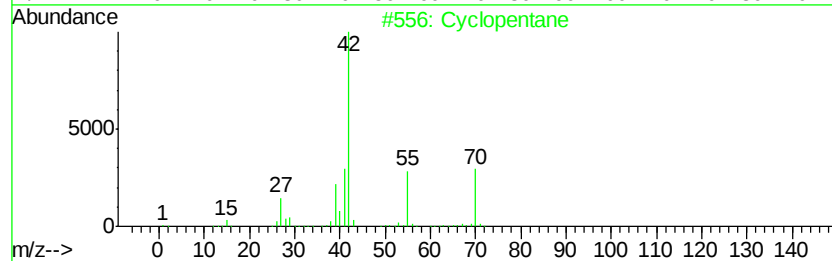
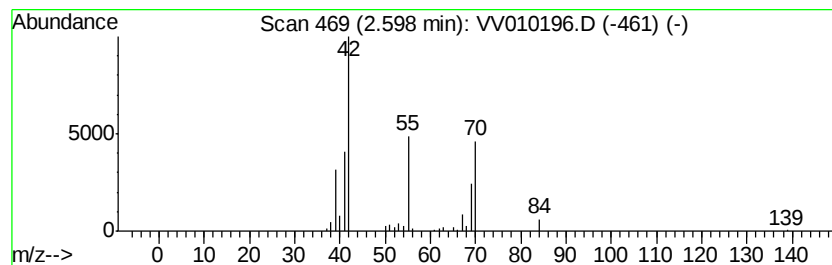
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic2.60 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	6.02 ug/L	215797	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	86
2			1-Pentene	70	C5H10	000109-67-1	78
3			Cyclobutane, methyl-	70	C5H10	000598-61-8	78
4			1-Pentene	70	C5H10	000109-67-1	64
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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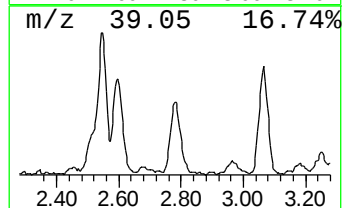
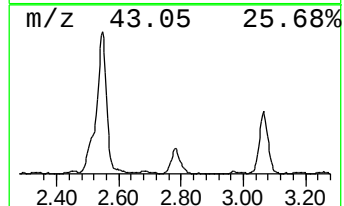
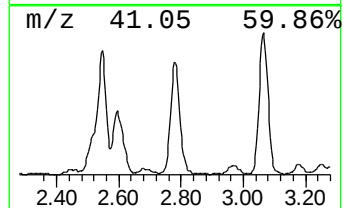
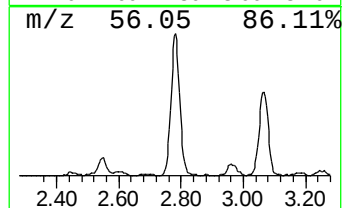
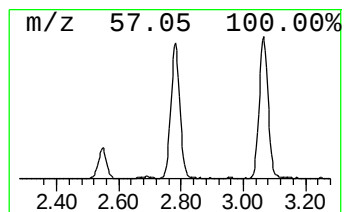
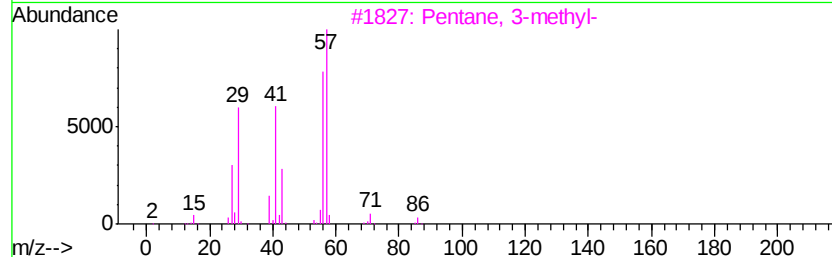
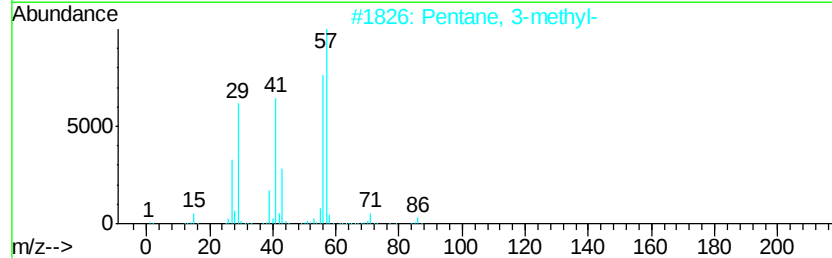
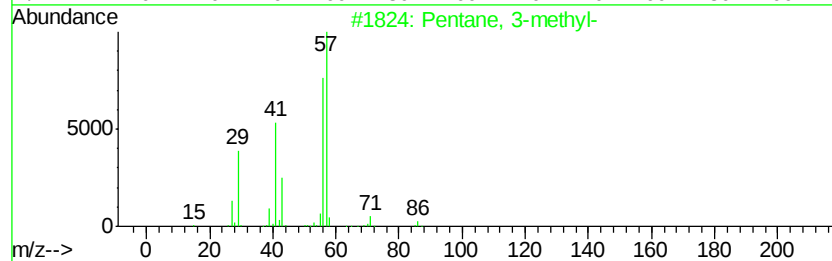
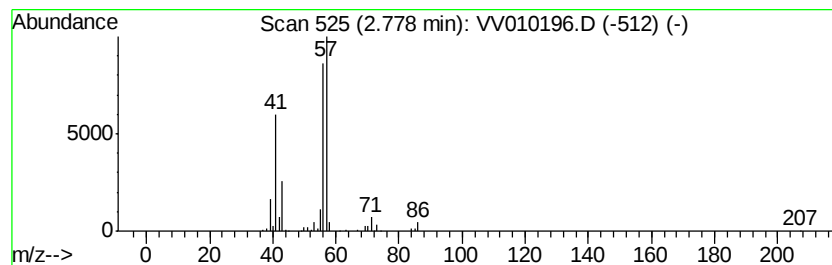
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	8.66 ug/L	310247	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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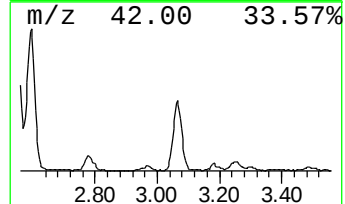
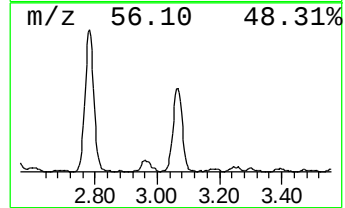
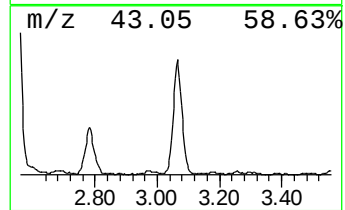
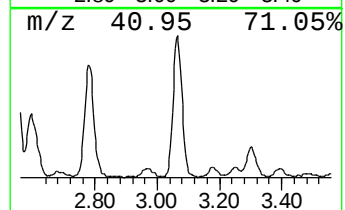
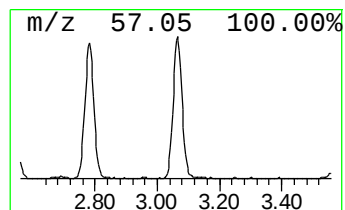
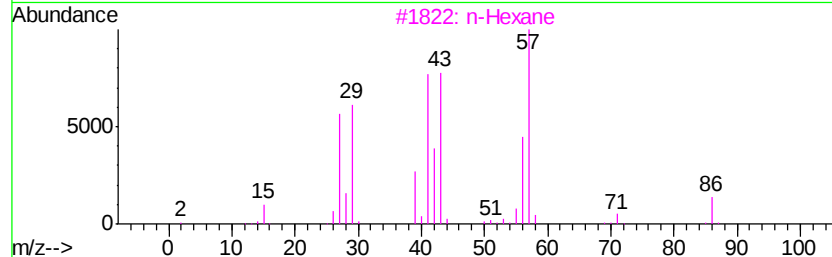
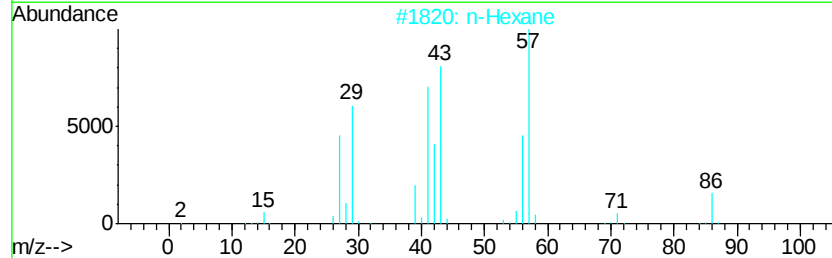
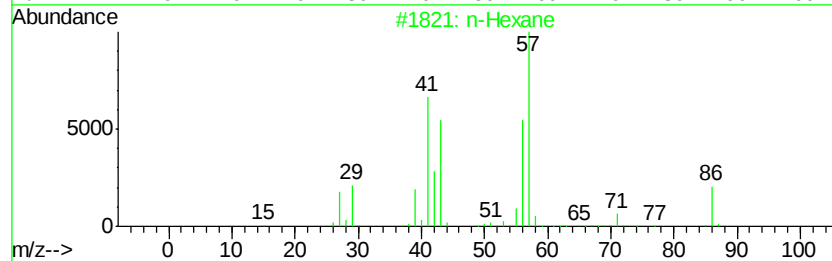
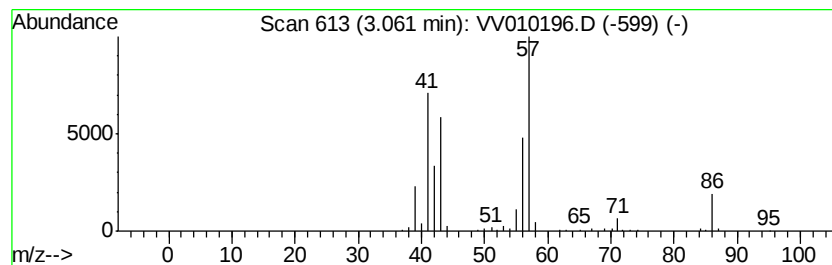
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	10.08 ug/L	361244	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	72
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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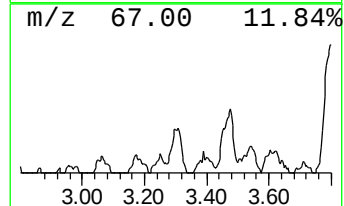
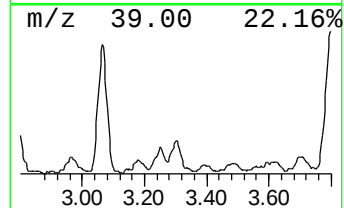
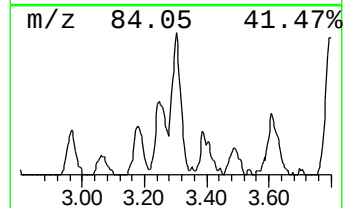
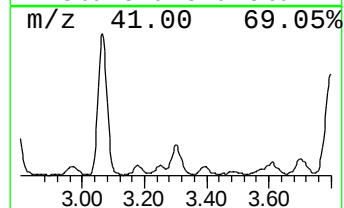
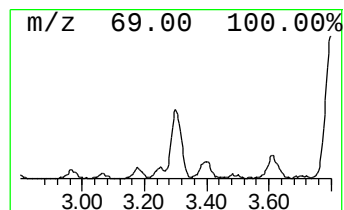
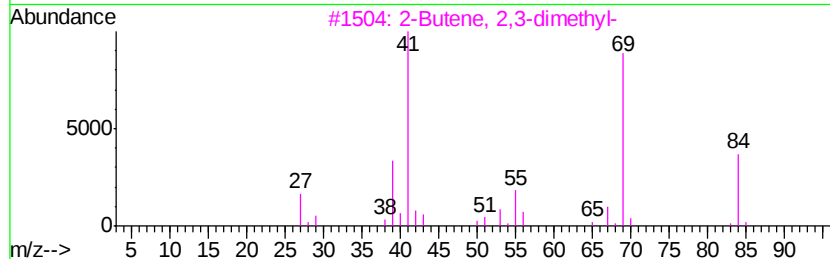
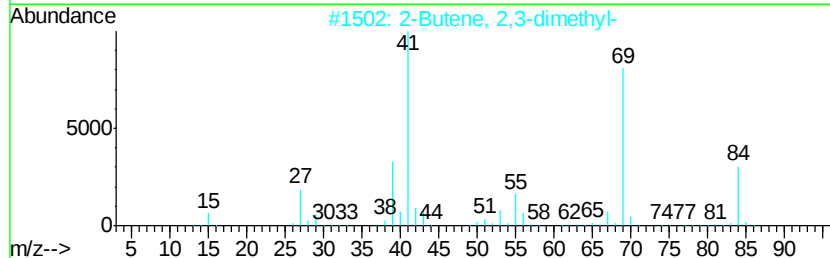
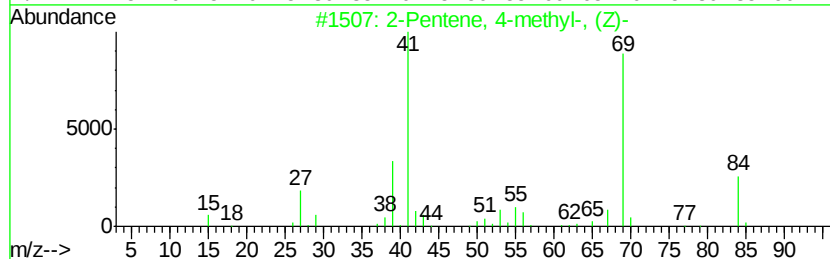
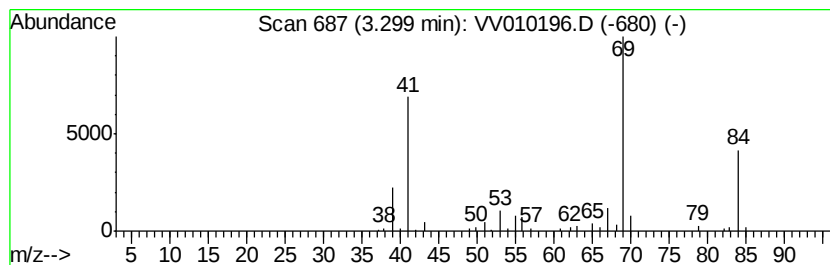
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic3.30 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	1.85 ug/L	66408	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
2			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	83
3			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	80
4			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	78
5			2-Pentene, 2-methyl-	84	C6H12	000625-27-4	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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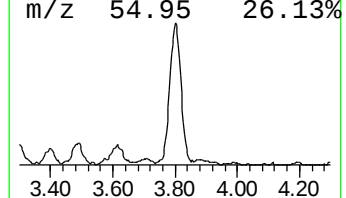
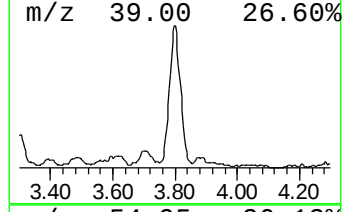
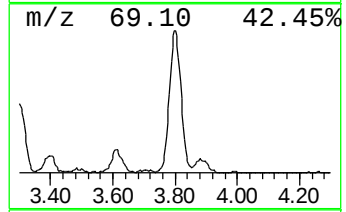
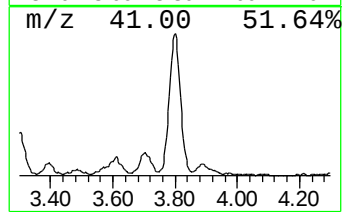
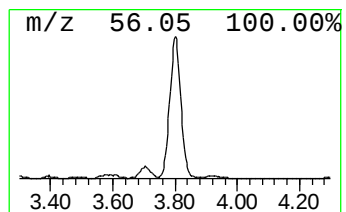
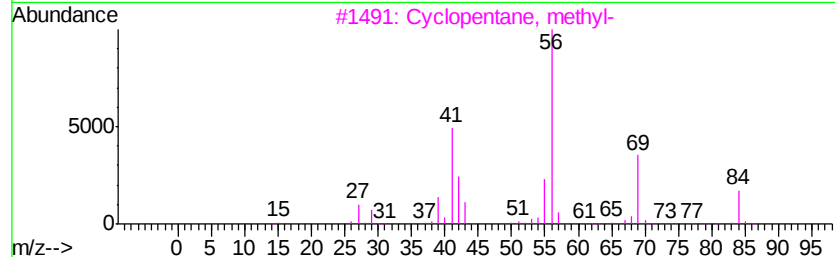
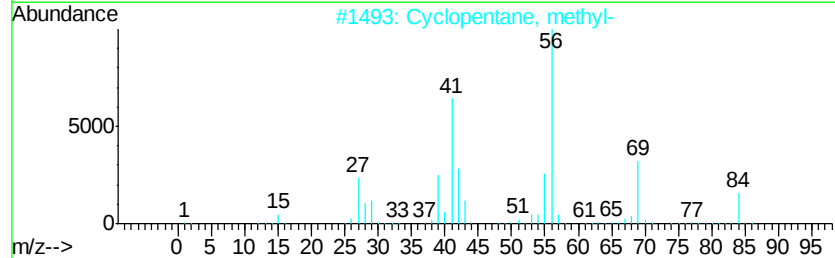
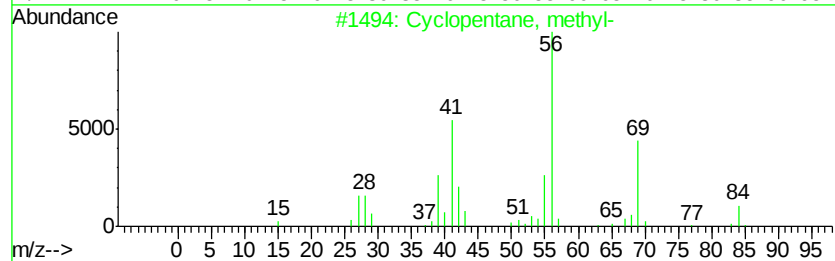
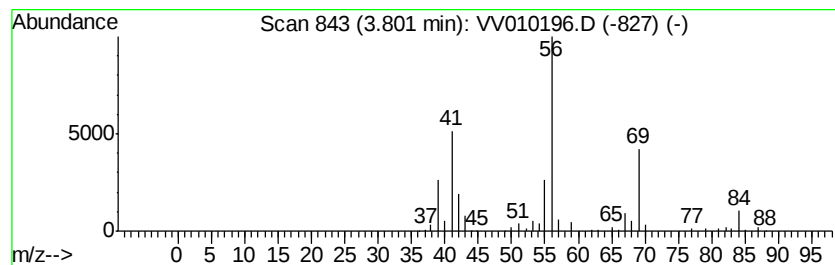
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic3.80 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	10.57 ug/L	378811	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4			Formic acid, hexyl ester	130	C7H14O2	000629-33-4	72
5			Cyclohexane	84	C6H12	000110-82-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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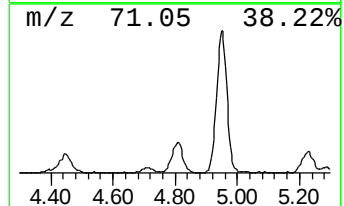
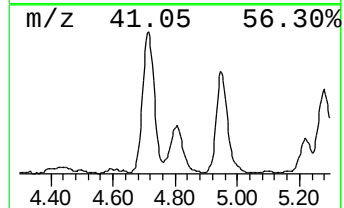
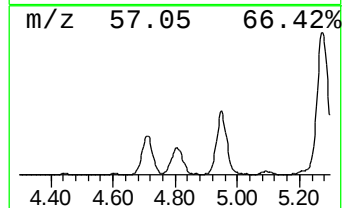
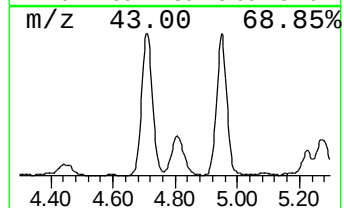
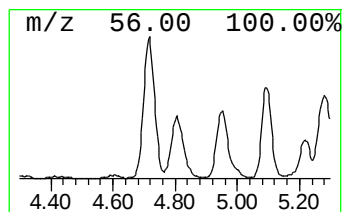
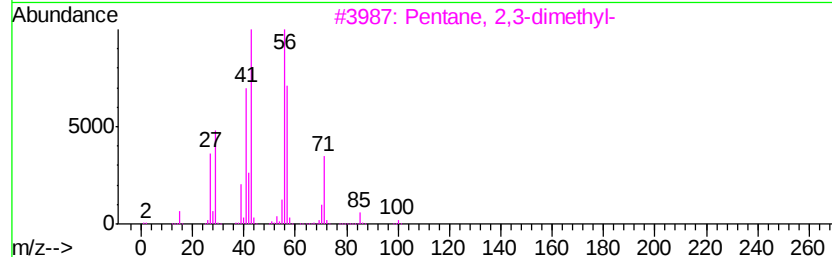
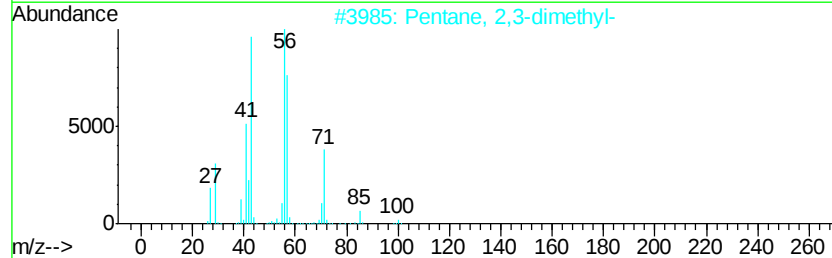
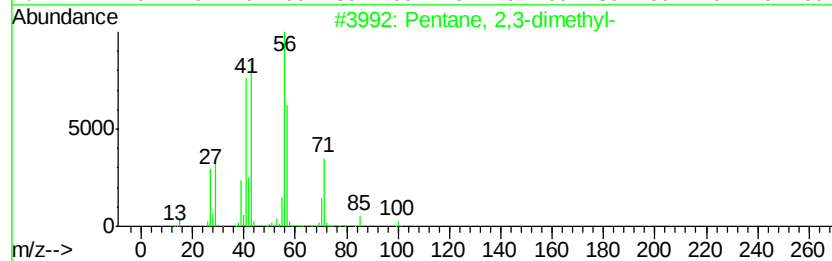
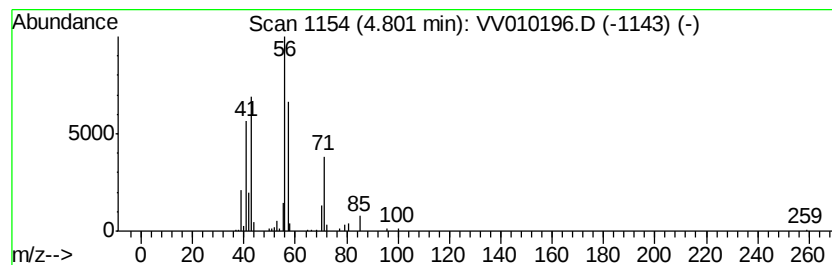
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	6.20 ug/L	221944	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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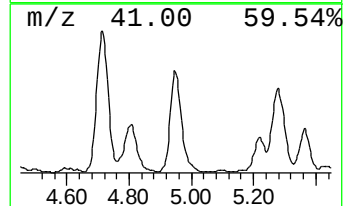
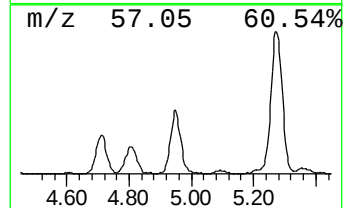
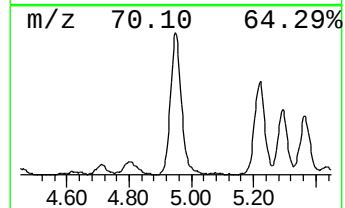
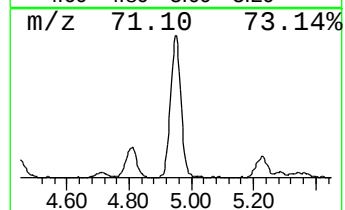
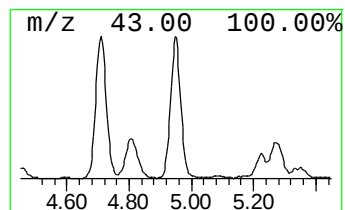
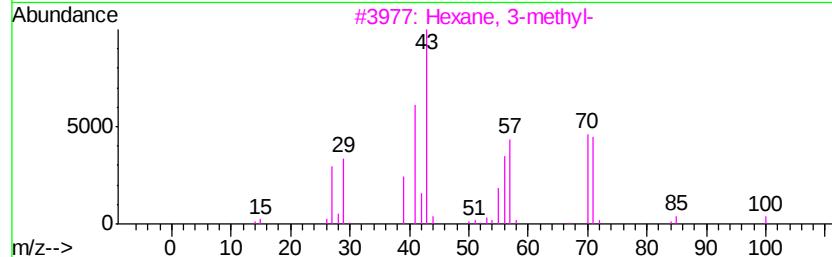
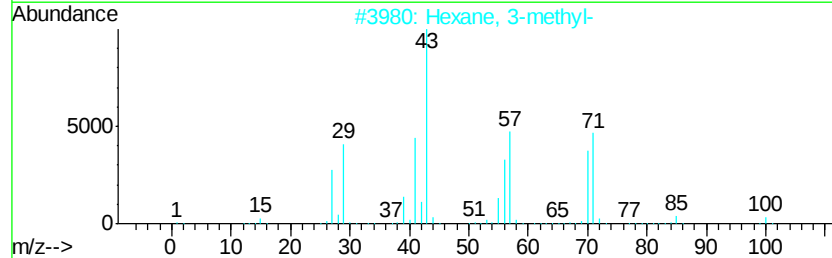
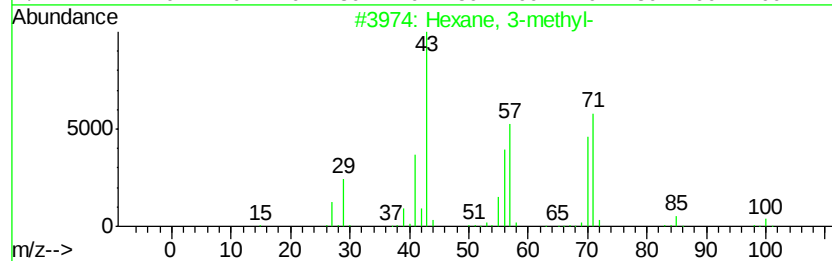
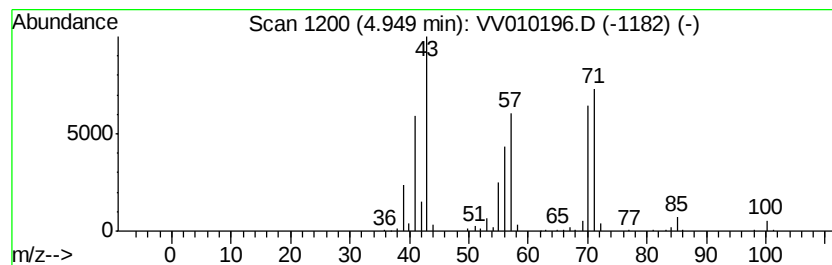
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	13.38 ug/L	479375	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4		Heptane	100	C7H16	000142-82-5	72
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

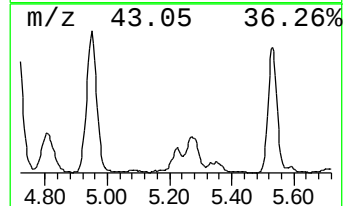
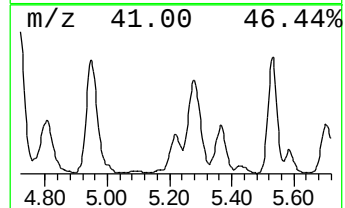
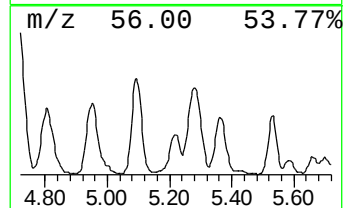
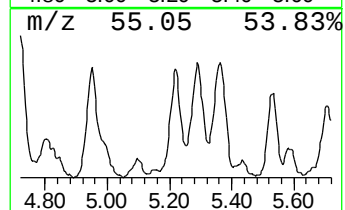
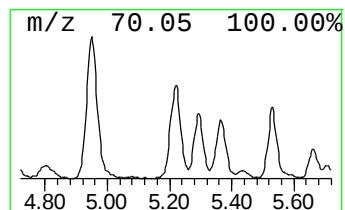
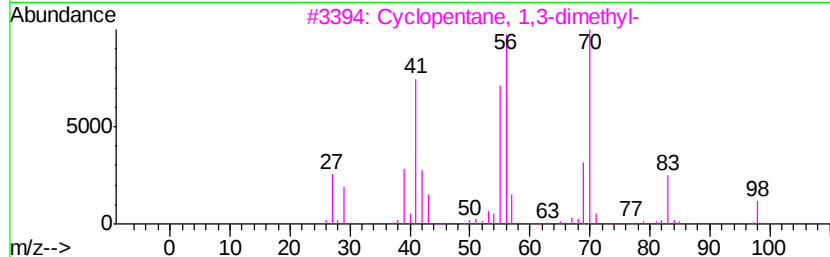
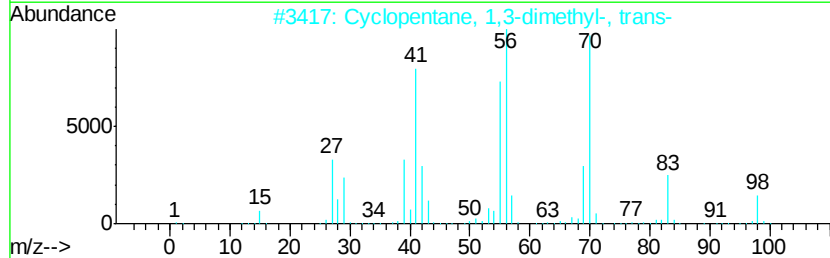
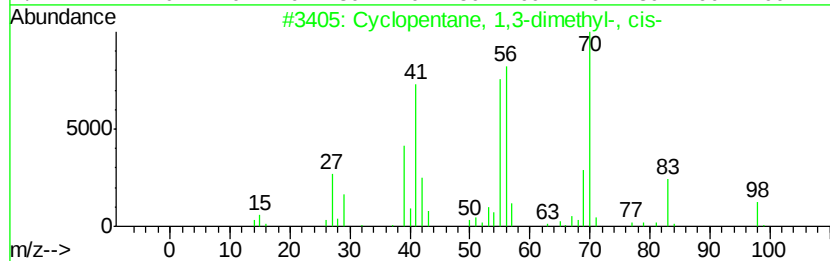
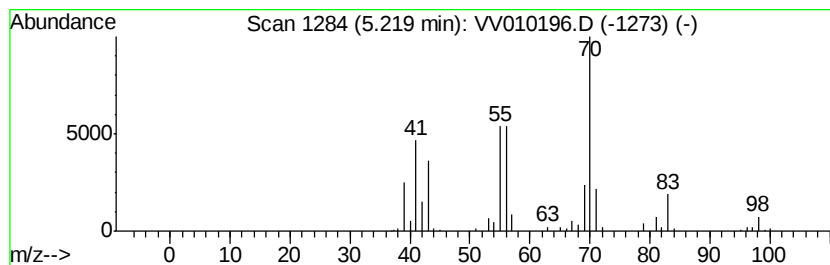
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic5.22 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.79 ug/L	135791	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
3			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
4			1-Heptene, 5-methyl-	112	C8H16	013151-04-7	53
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

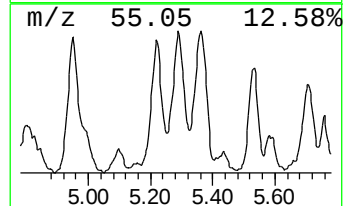
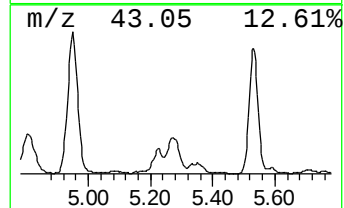
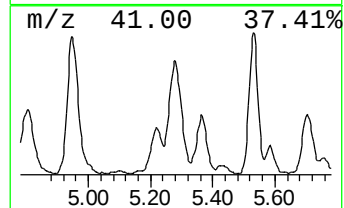
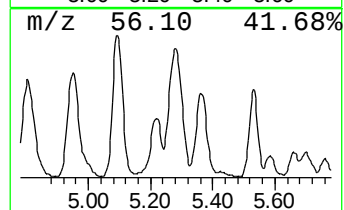
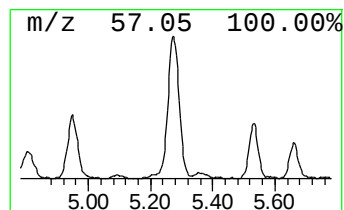
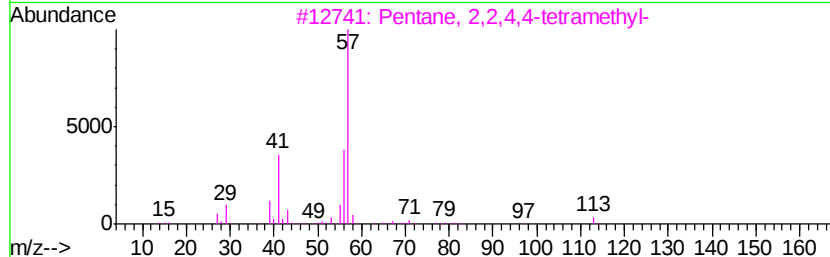
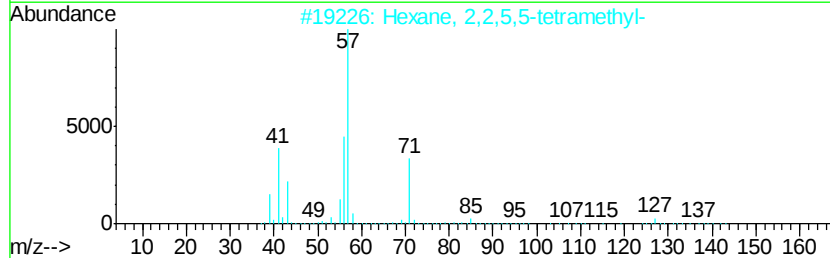
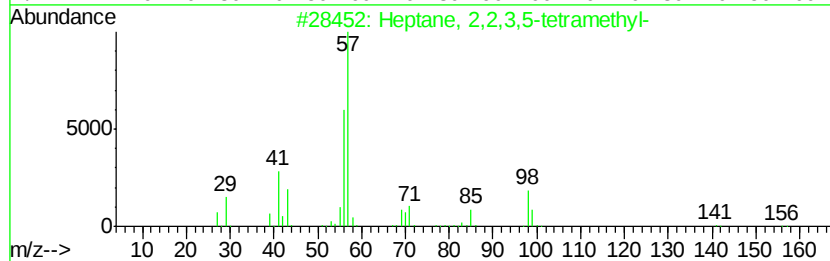
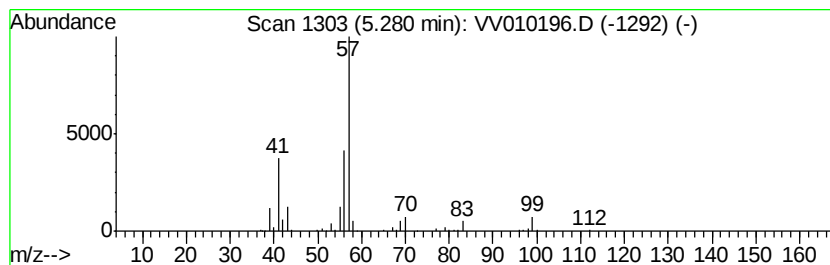
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	9.59 ug/L	343521	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	64
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
3			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

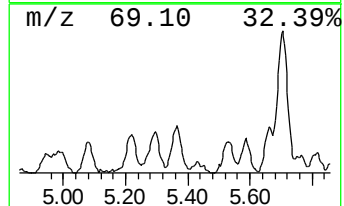
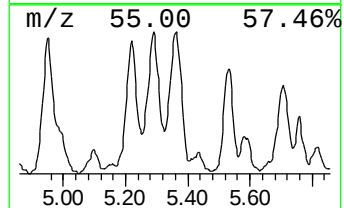
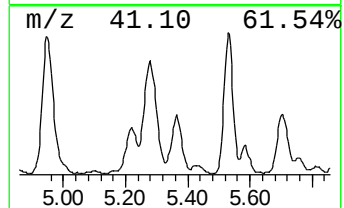
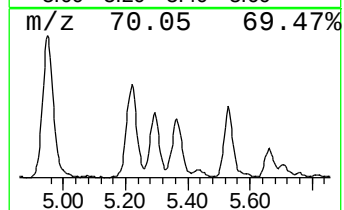
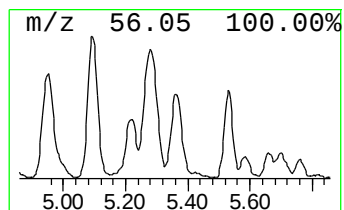
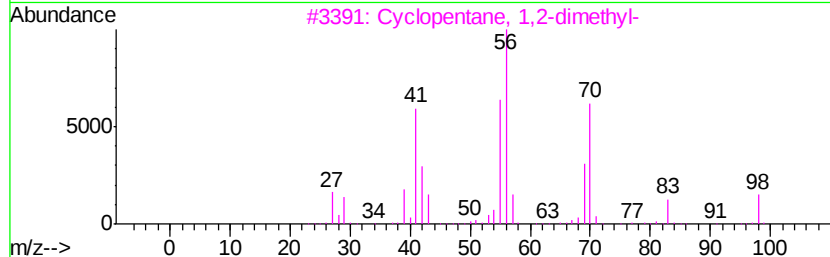
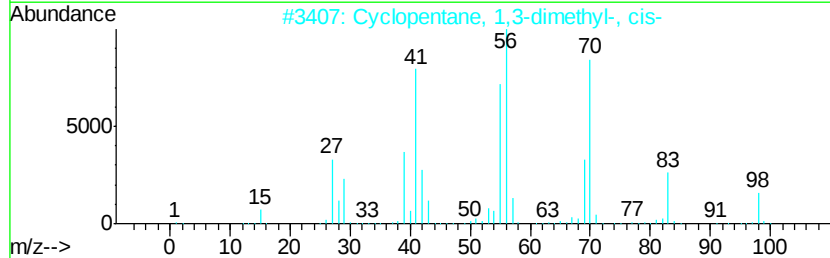
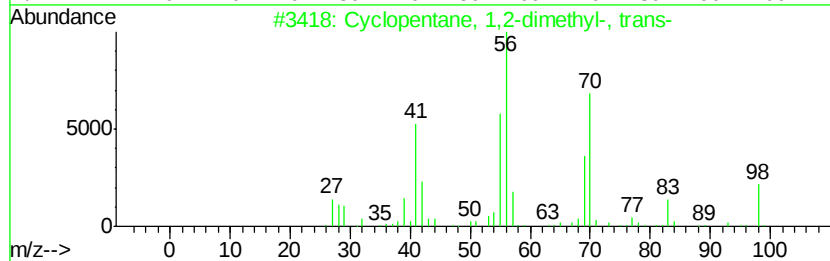
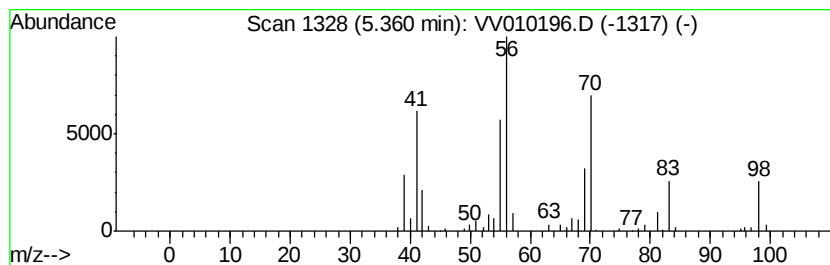
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic5.36 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	5.09 ug/L	182333	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
3			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	80
4			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	74
5			Isopropylcyclobutane	98	C7H14	000872-56-0	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BFC29

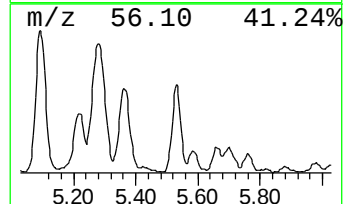
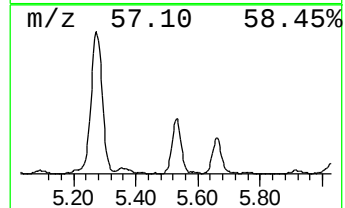
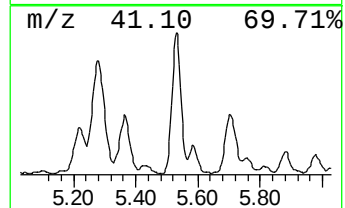
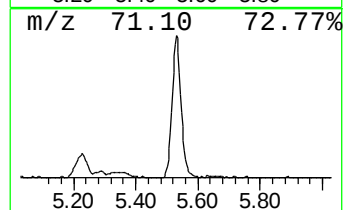
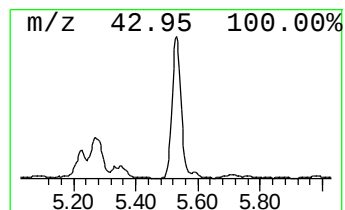
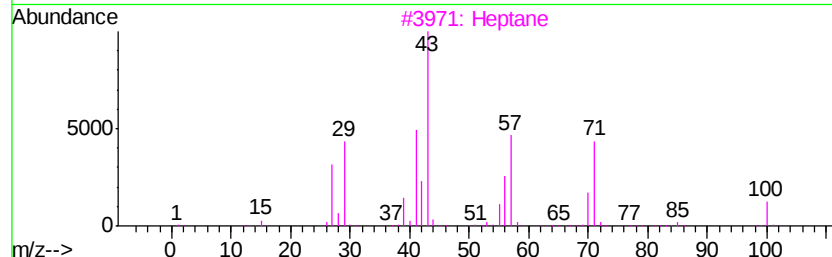
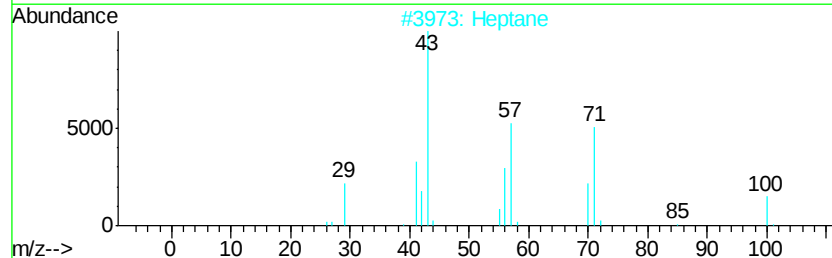
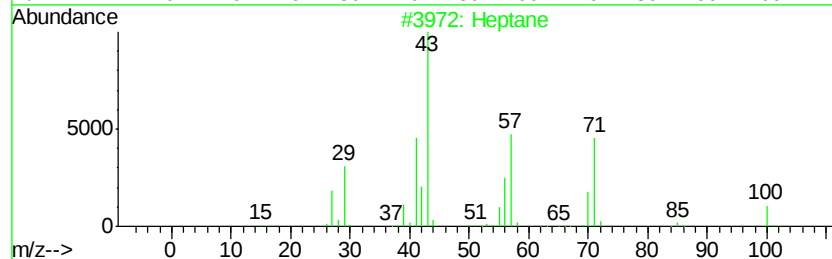
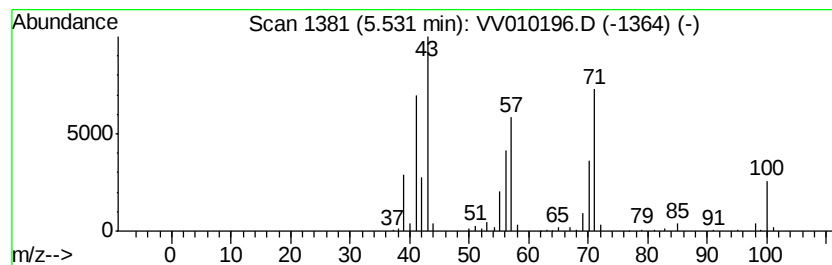
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	9.73 ug/L	348553	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	64
2		Heptane	100	C7H16	000142-82-5	58
3		Heptane	100	C7H16	000142-82-5	58
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

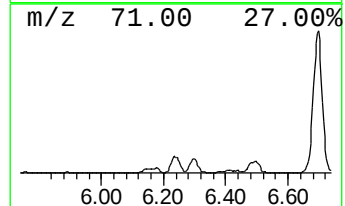
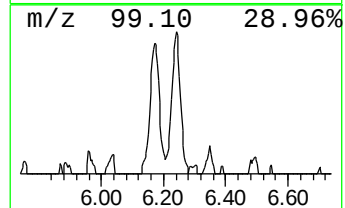
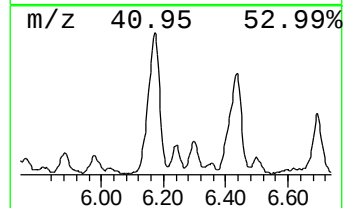
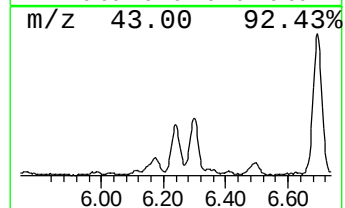
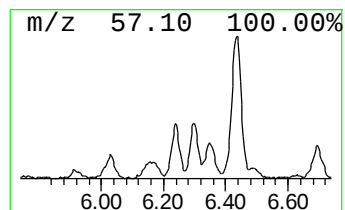
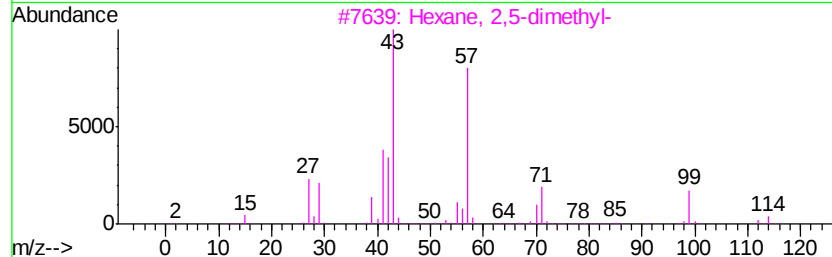
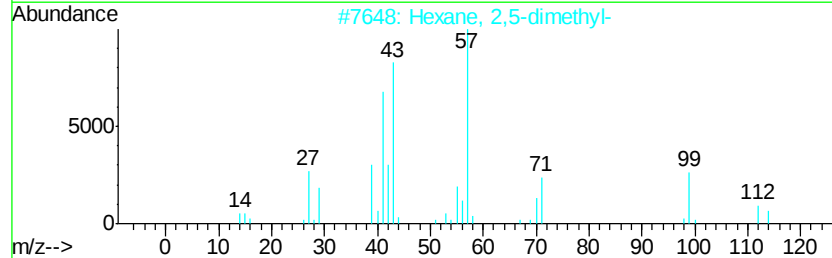
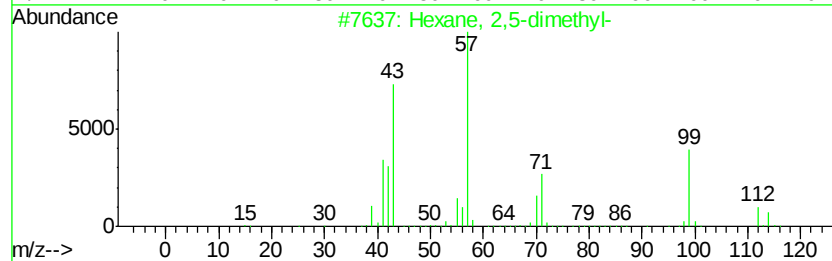
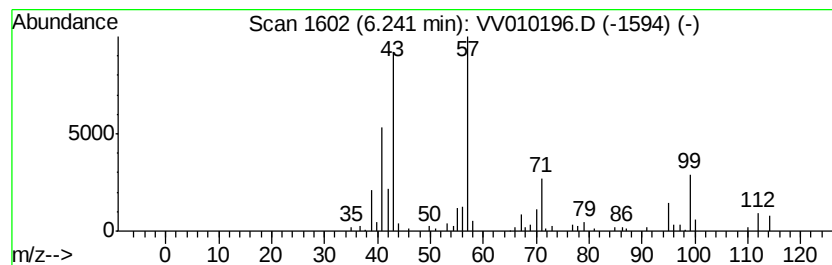
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	2.07 ug/L	74181	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
3			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
4			1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	47
5			Heptane, 2-methyl-	114	C8H18	000592-27-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

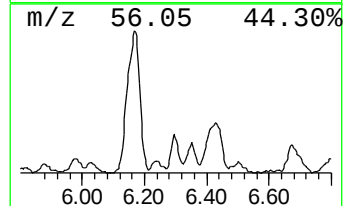
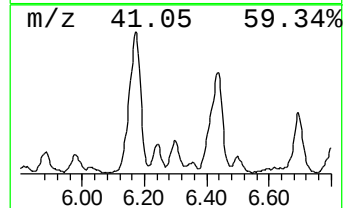
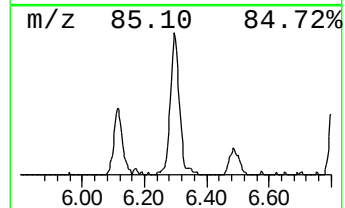
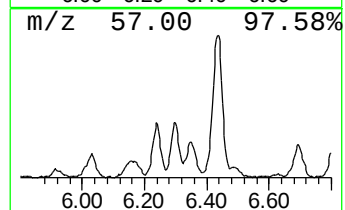
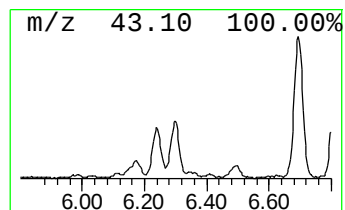
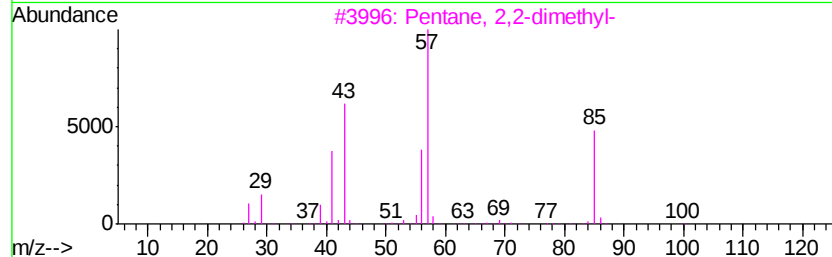
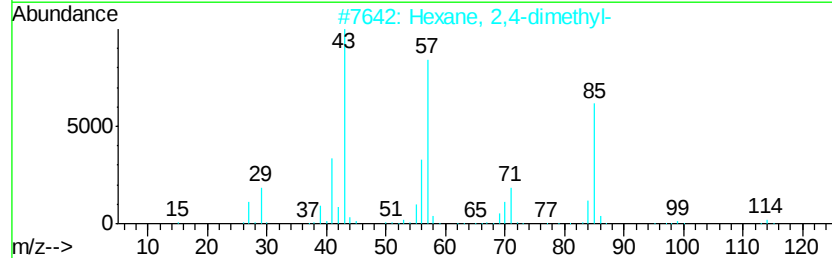
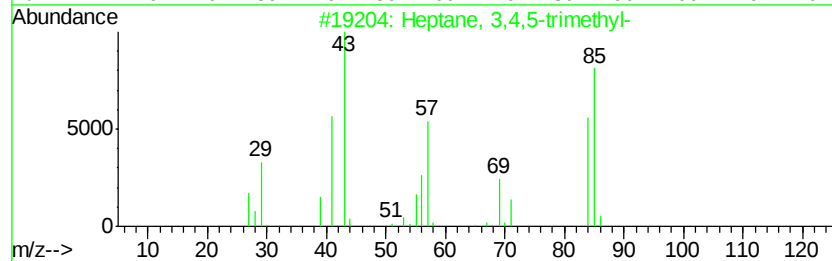
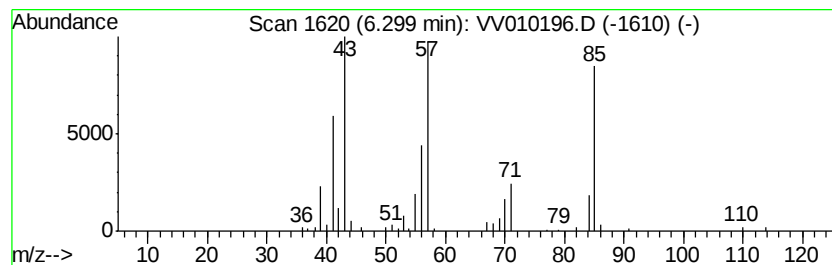
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.38 ug/L	85358	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

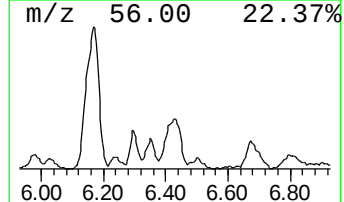
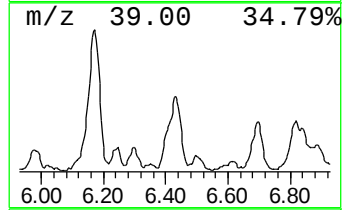
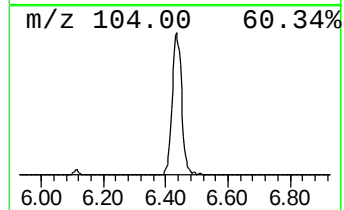
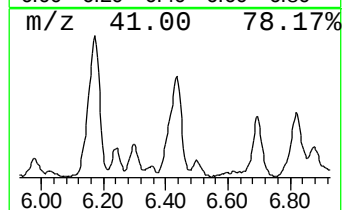
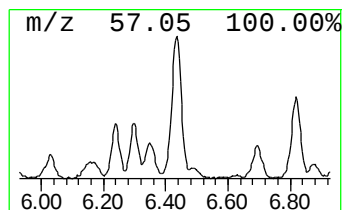
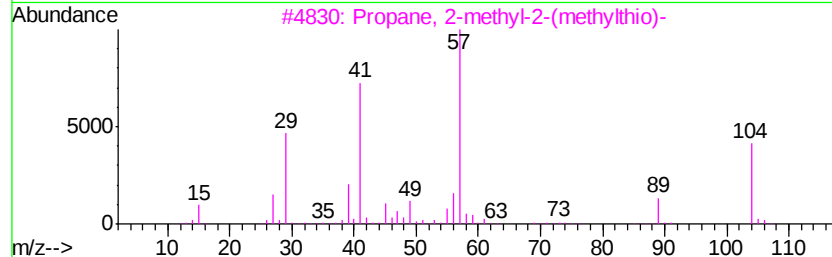
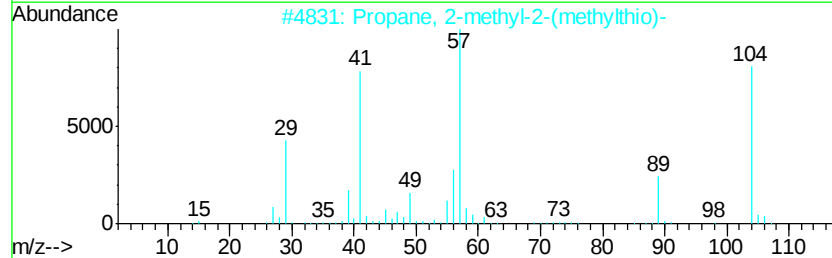
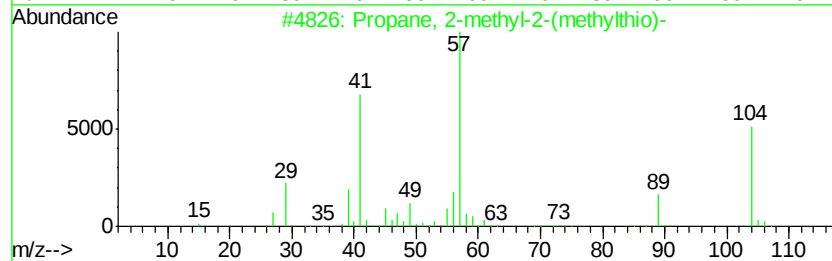
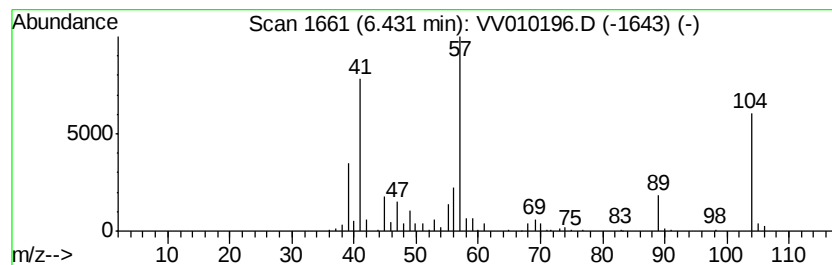
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Propane, 2-methyl-2-(methyl... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	7.46 ug/L	267195	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	95
2		Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	93
3		Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	91
4		Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	46
5		1-Propanethiol, 2,2-dimethyl-	104	C5H12S	001679-08-9	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

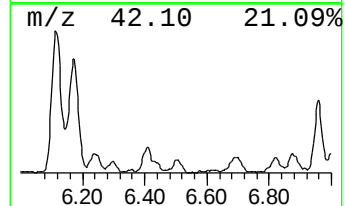
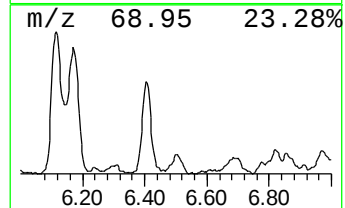
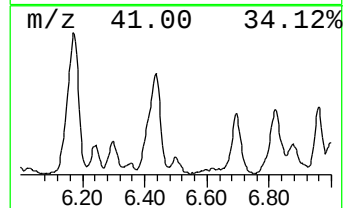
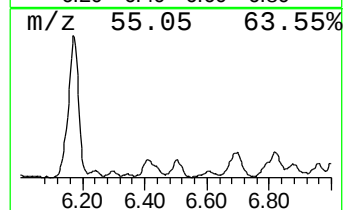
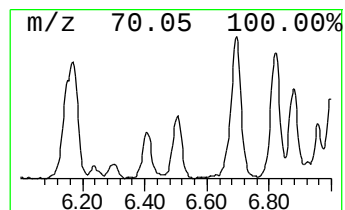
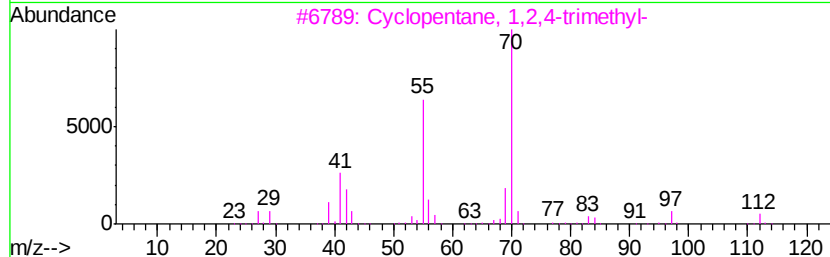
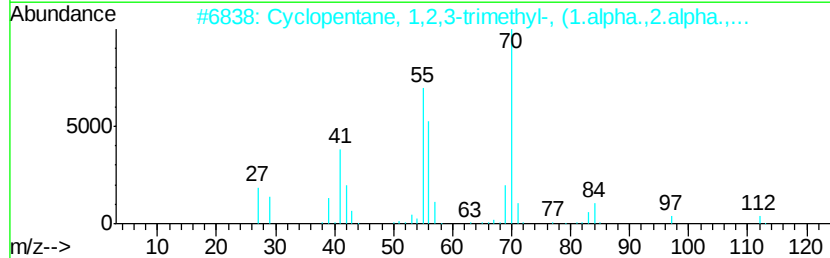
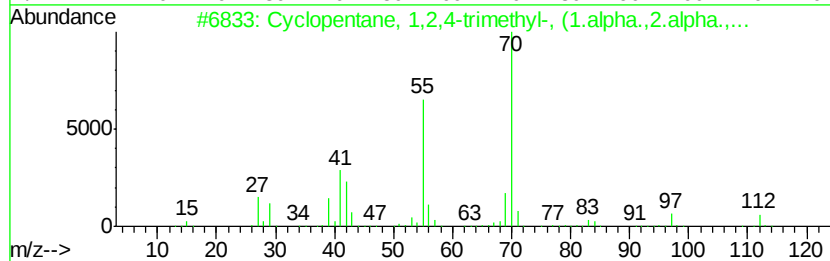
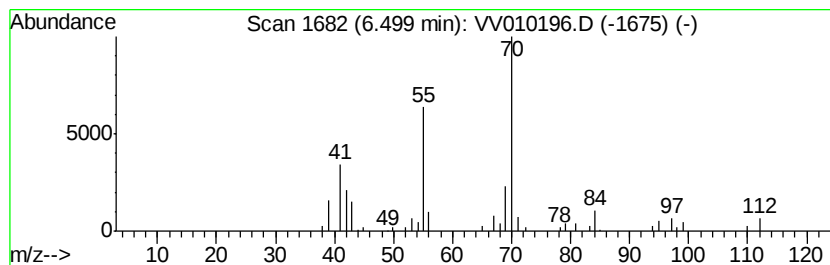
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic6.50 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	1.85 ug/L	66412	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	83
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72
4			Nonane, 3-methylene-	140	C10H20	051655-64-2	64
5			3-(Cyclopropylamino)propionitrile	110	C6H10N2	058196-47-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

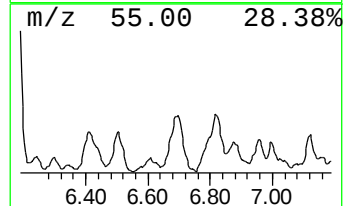
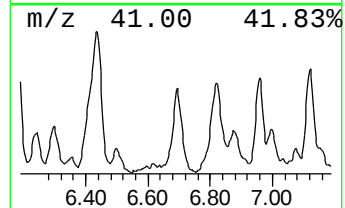
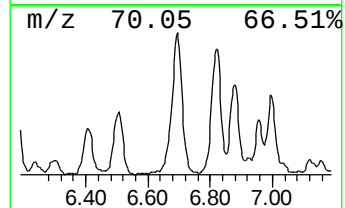
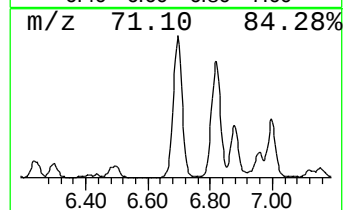
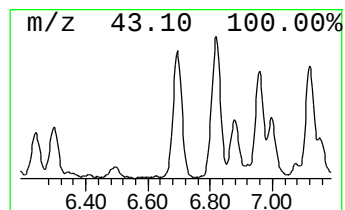
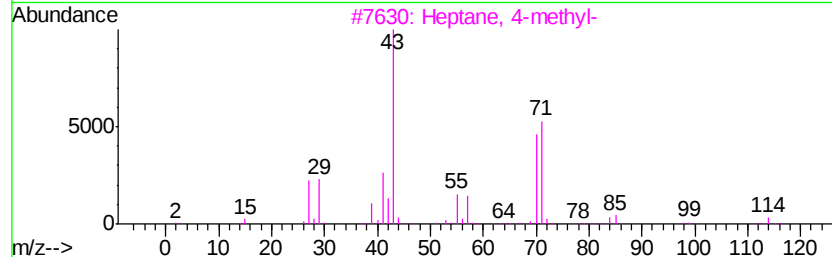
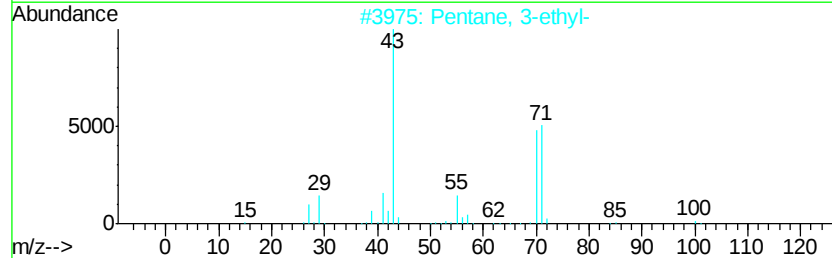
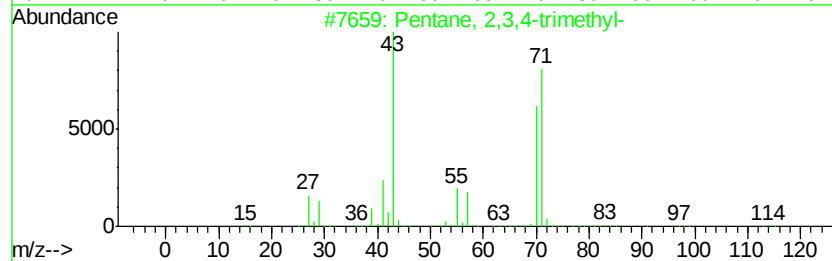
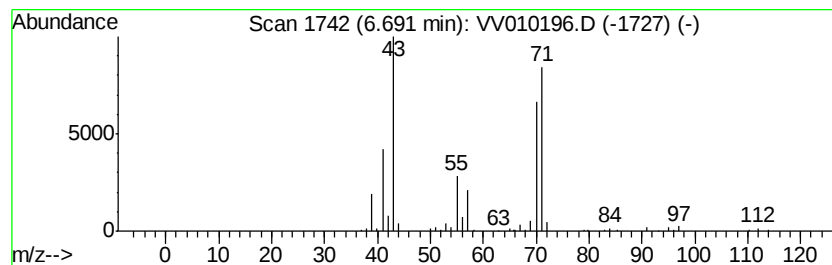
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	6.52 ug/L	233643	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-			114	C8H18	000565-75-3	90
2	Pentane, 3-ethyl-			100	C7H16	000617-78-7	78
3	Heptane, 4-methyl-			114	C8H18	000589-53-7	78
4	Pentane, 3-ethyl-			100	C7H16	000617-78-7	78
5	Hexane, 3,3,4-trimethyl-			128	C9H20	016747-31-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

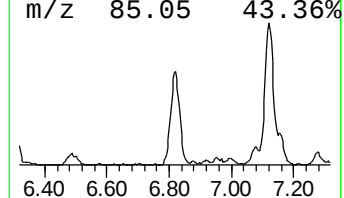
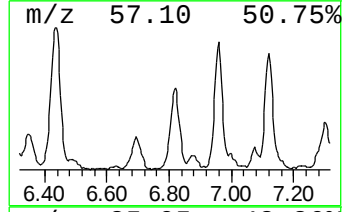
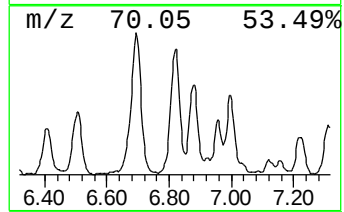
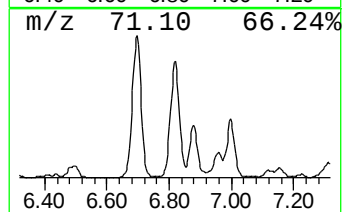
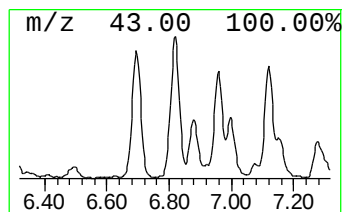
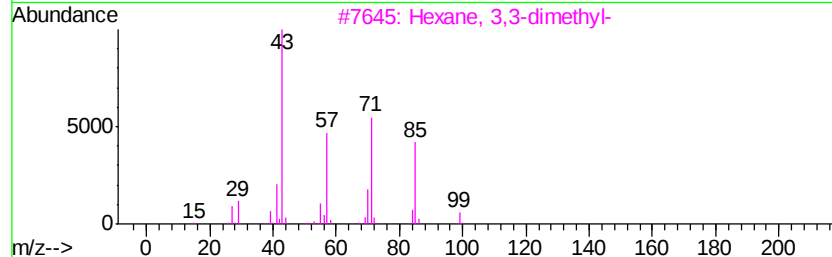
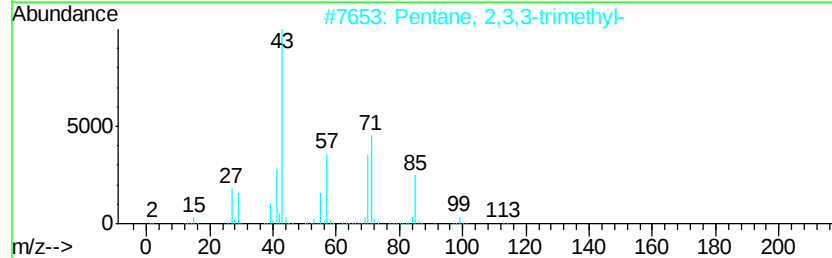
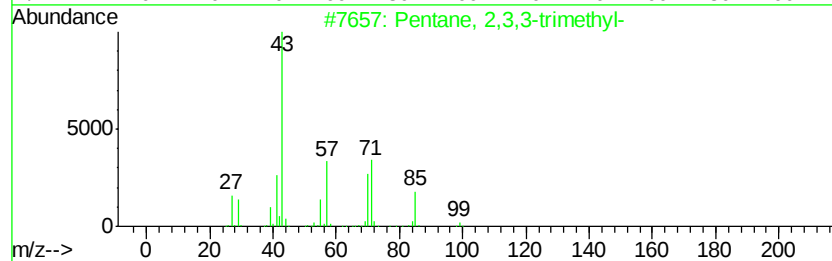
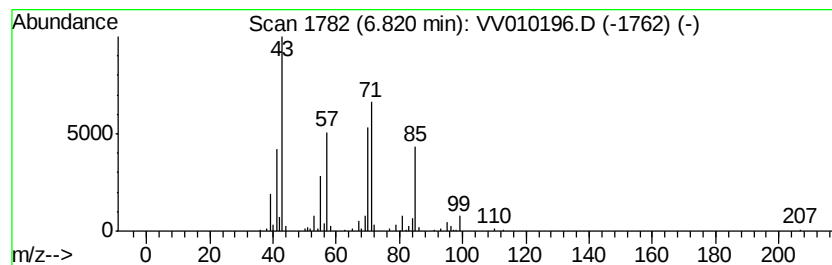
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	10.19 ug/L	364965	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

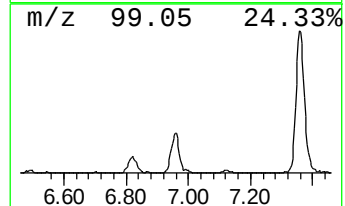
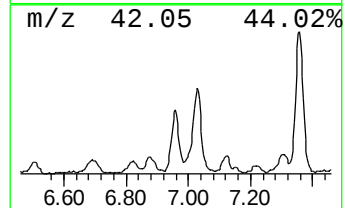
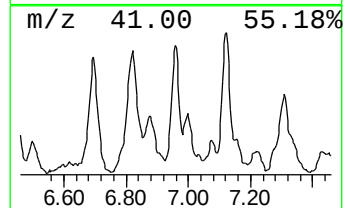
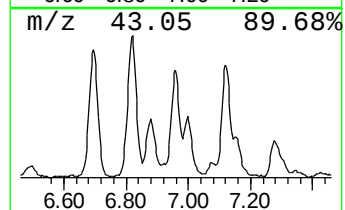
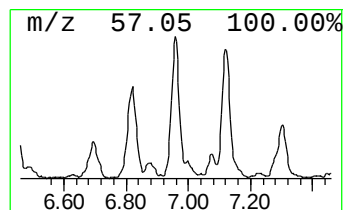
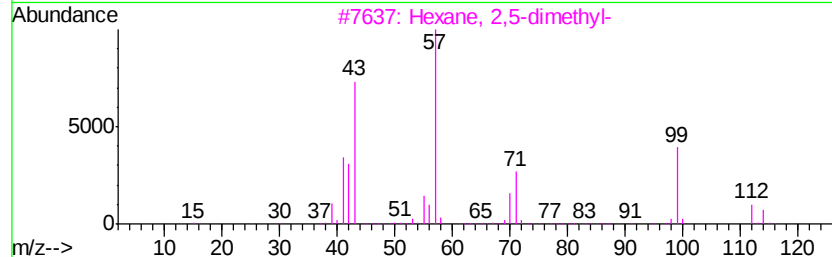
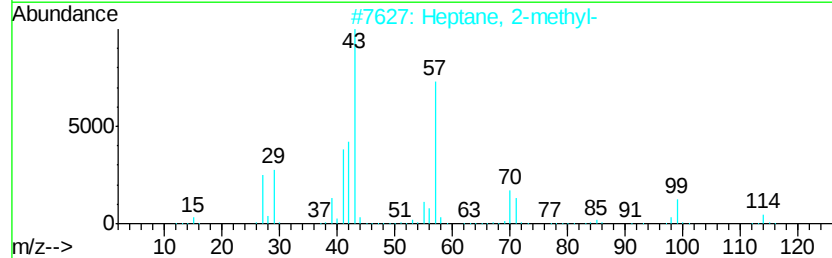
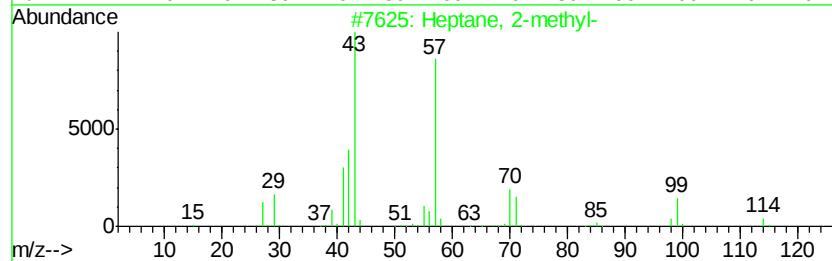
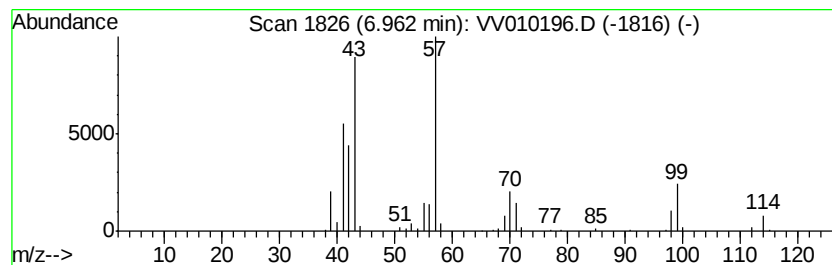
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	3.76 ug/L	134576	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
4		Heptane, 2-methyl-	114	C8H18	000592-27-8	72
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BFC29

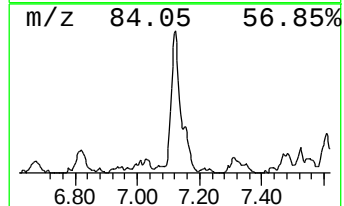
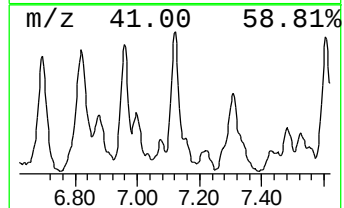
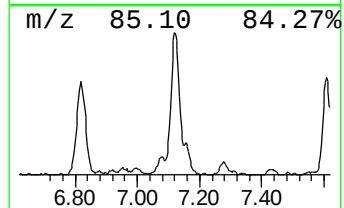
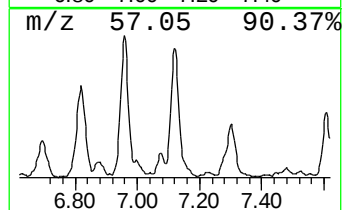
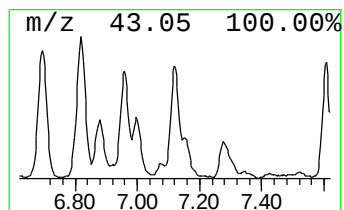
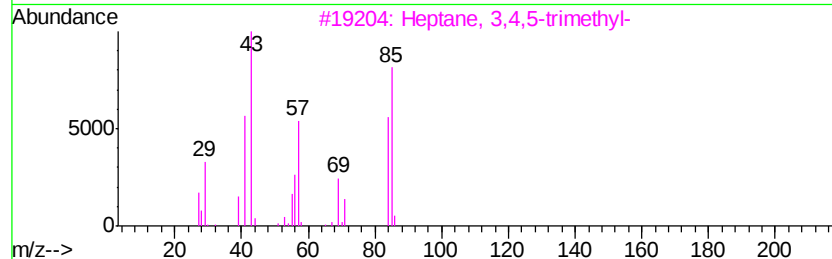
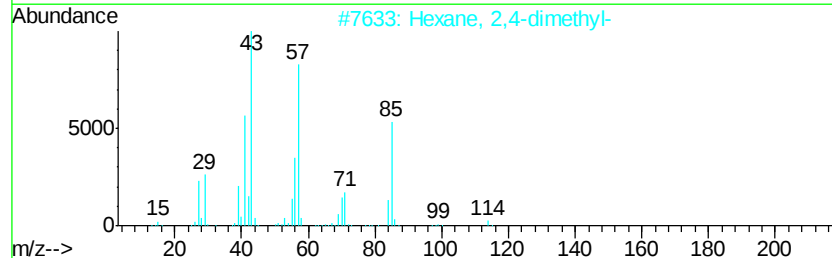
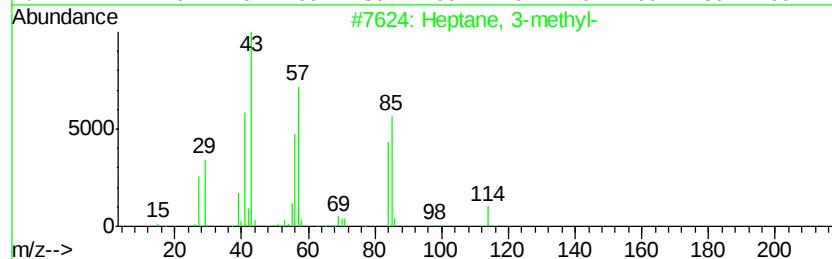
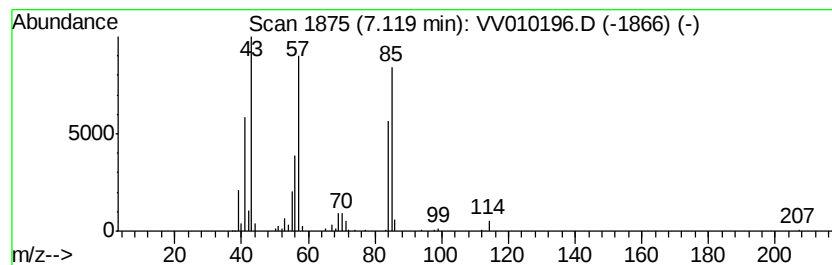
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	4.51 ug/L	161574	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	81
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
4			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

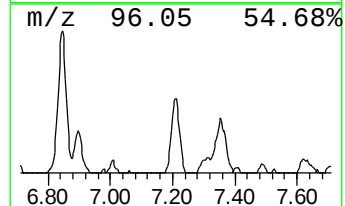
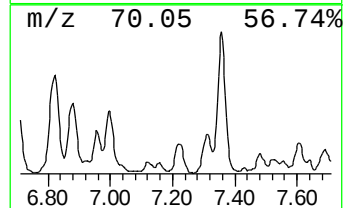
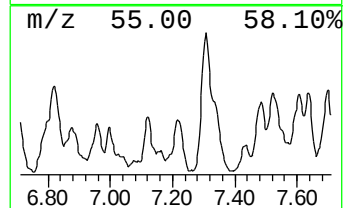
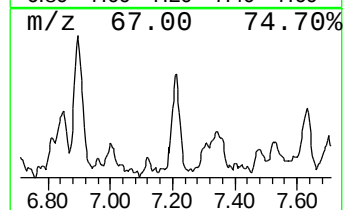
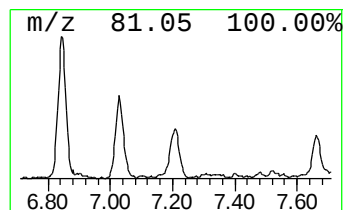
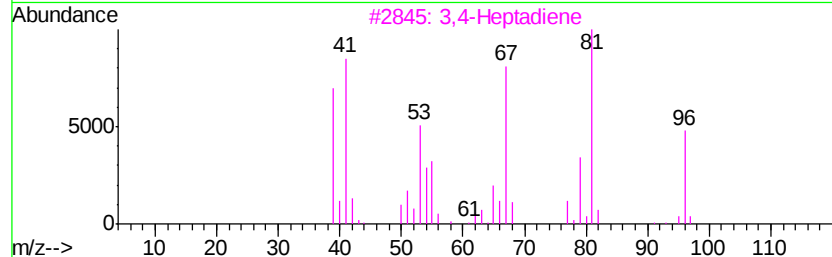
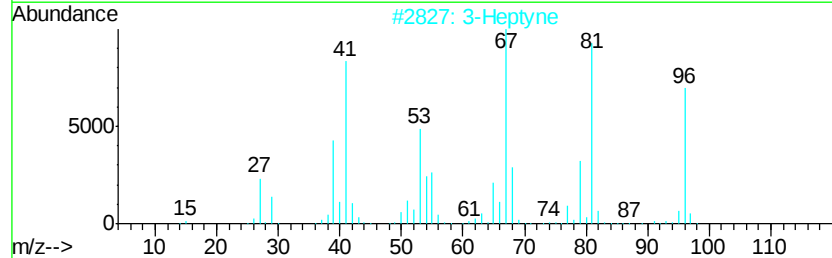
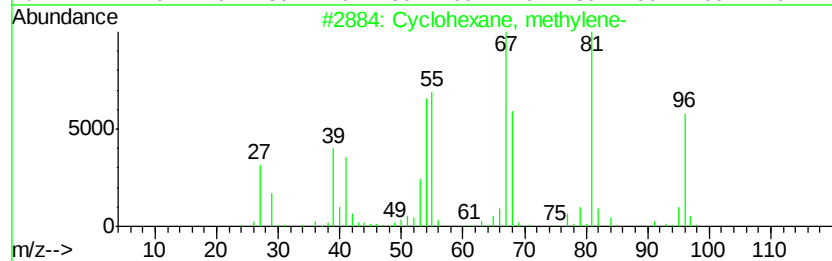
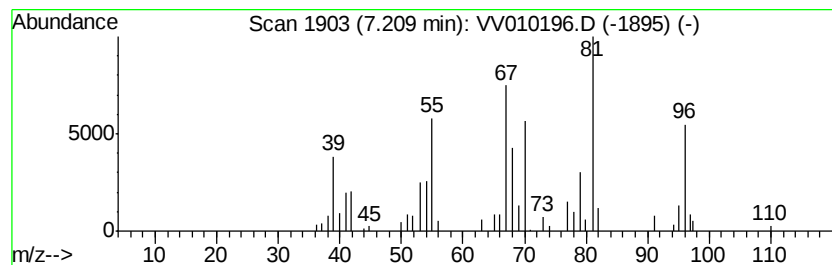
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Cyclohexane, methylene- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	2.33 ug/L	83509	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methylene-	96	C7H12	001192-37-6	62
2			3-Heptyne	96	C7H12	002586-89-2	58
3			3,4-Heptadiene	96	C7H12	002454-31-1	53
4			Cyclohexane, methylene-	96	C7H12	001192-37-6	52
5			Cyclohexane, methylene-	96	C7H12	001192-37-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BFC29

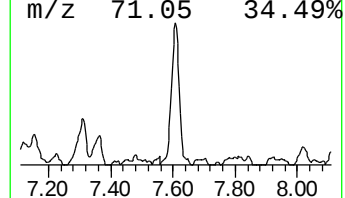
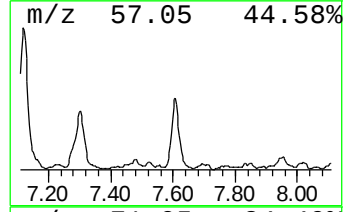
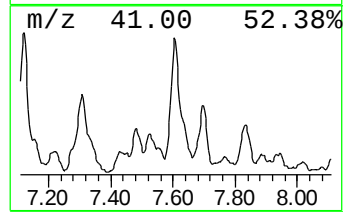
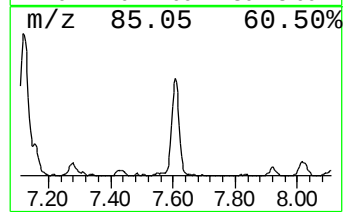
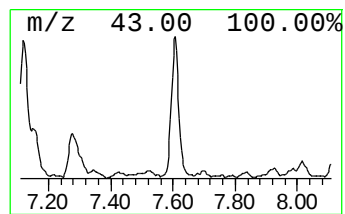
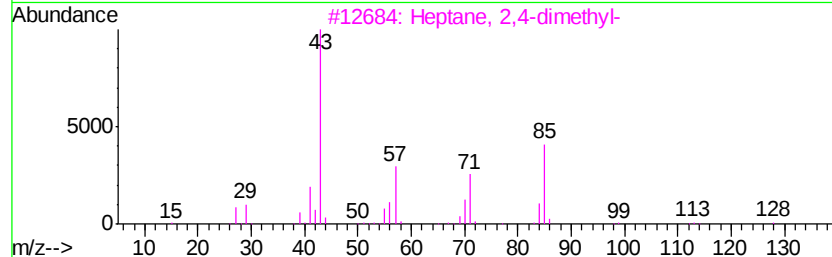
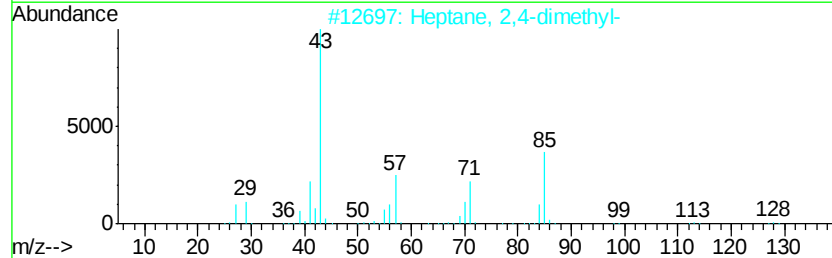
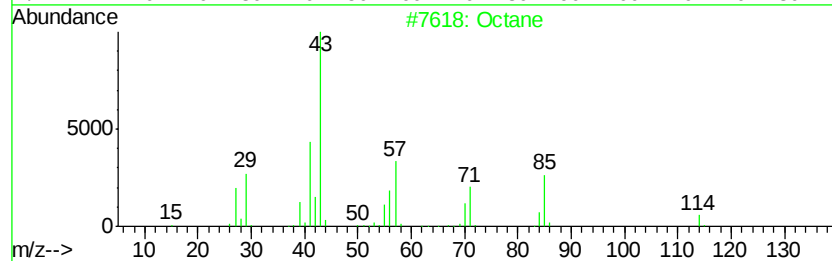
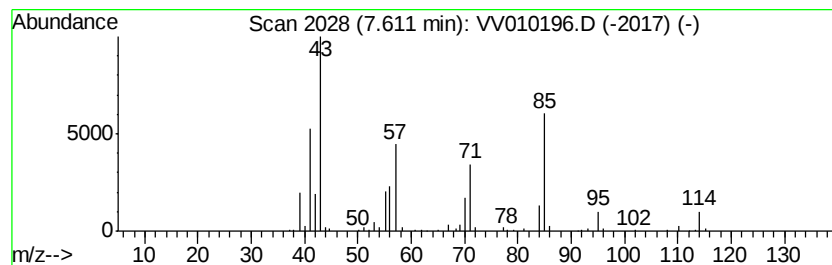
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	6.14 ug/L	181038	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

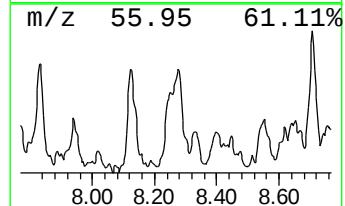
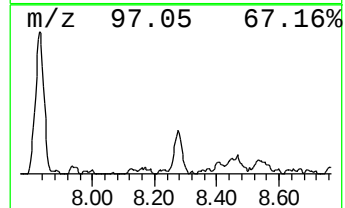
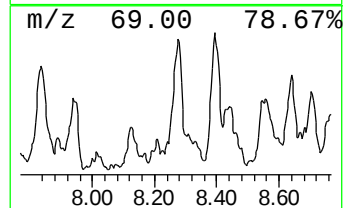
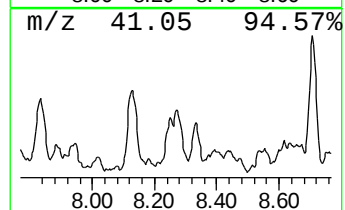
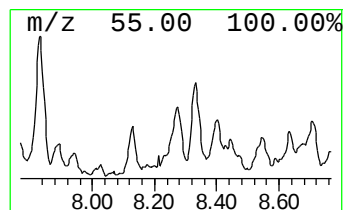
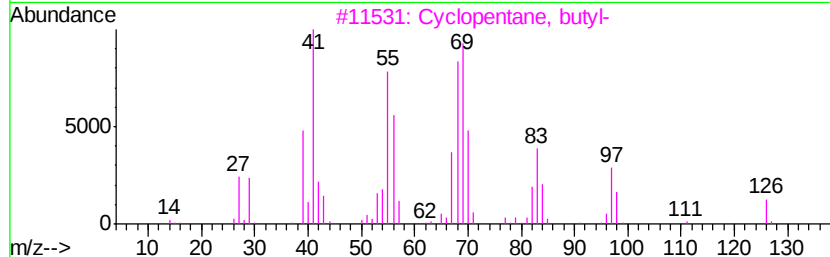
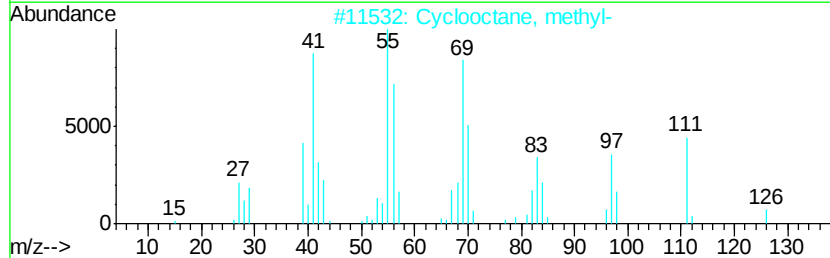
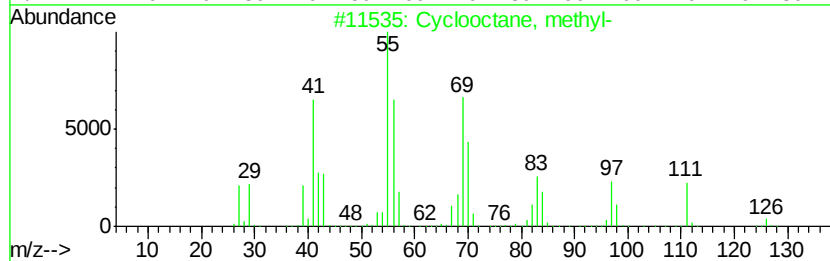
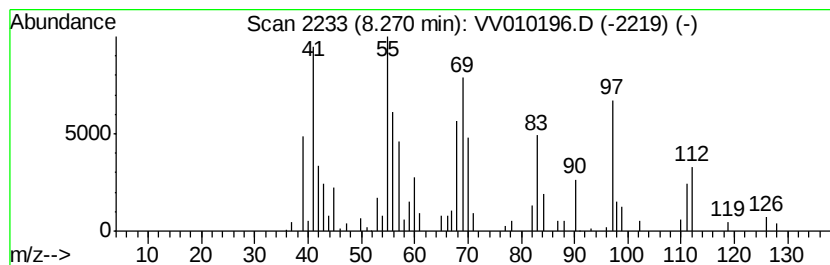
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Cyclic8.27 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	3.43 ug/L	101192	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, methyl-	126	C9H18	001502-38-1	91
2		Cyclooctane, methyl-	126	C9H18	001502-38-1	55
3		Cyclopentane, butyl-	126	C9H18	002040-95-1	45
4		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	41
5		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

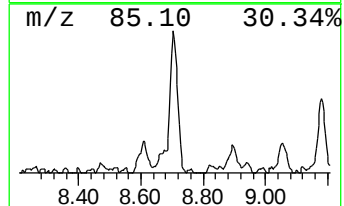
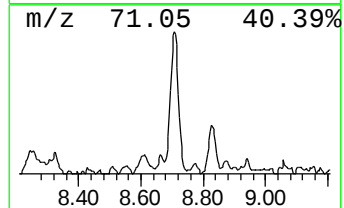
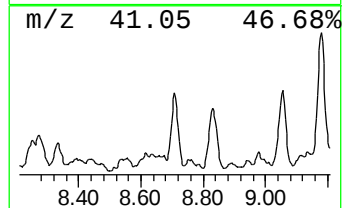
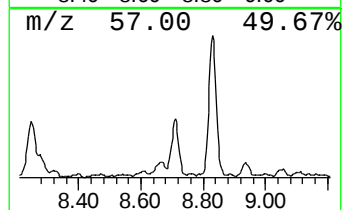
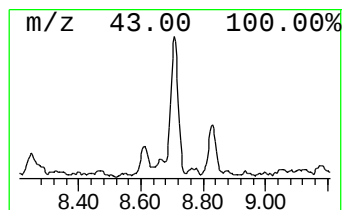
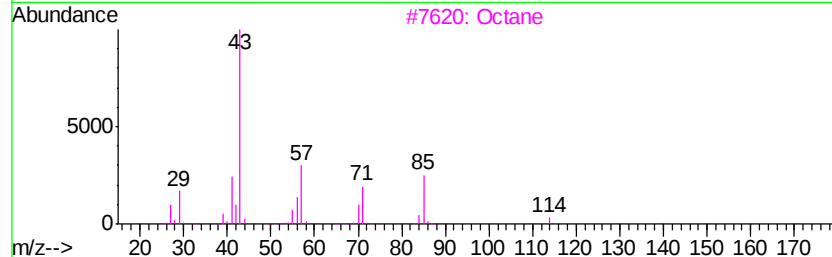
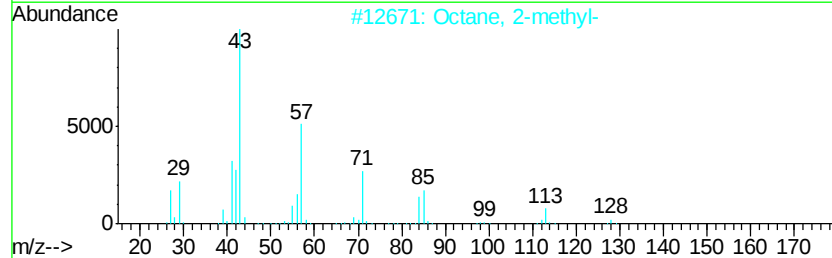
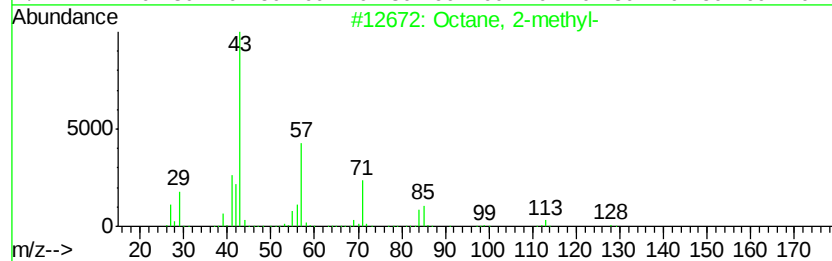
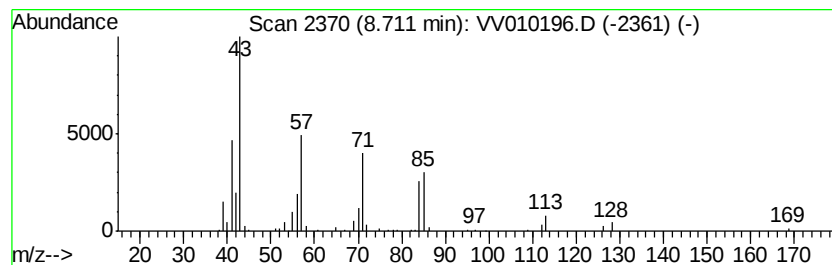
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	3.37 ug/L	99309	Chlorobenzene-d5	8.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	64
2			Octane, 2-methyl-	128	C9H20	003221-61-2	58
3			Octane	114	C8H18	000111-65-9	53
4			Octane, 2-methyl-	128	C9H20	003221-61-2	53
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

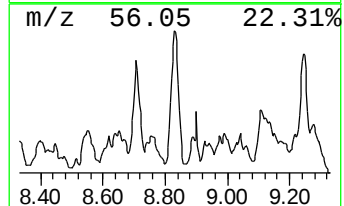
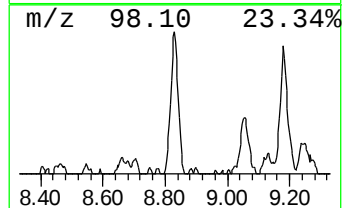
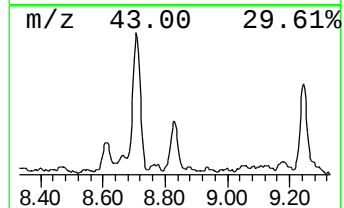
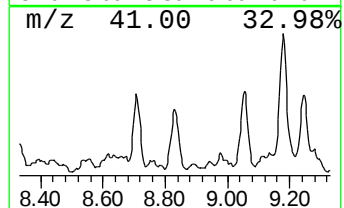
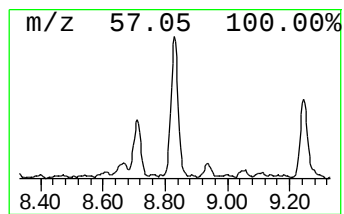
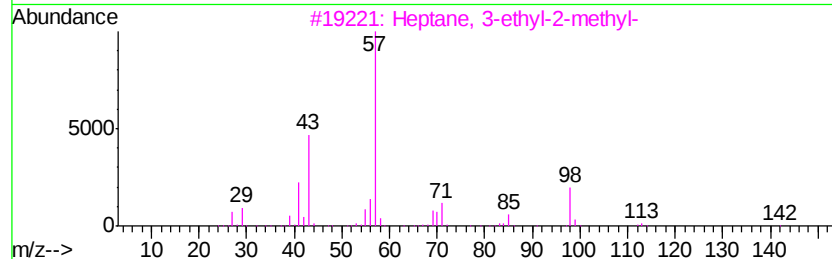
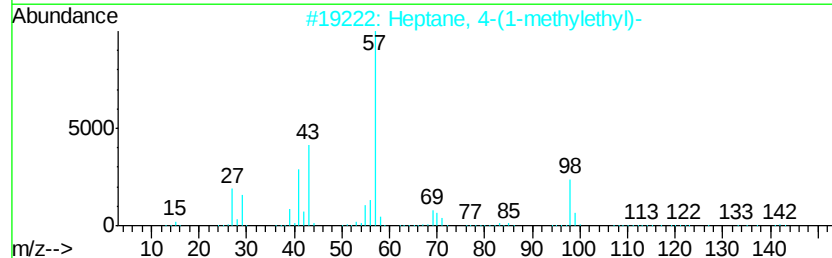
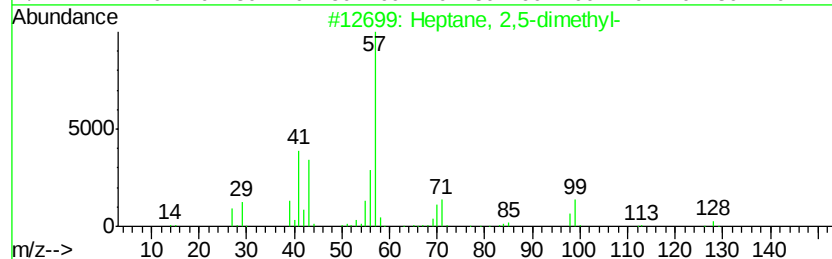
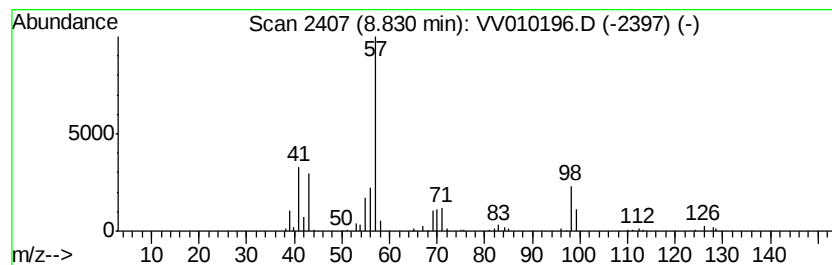
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	3.06 ug/L	90317	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
2		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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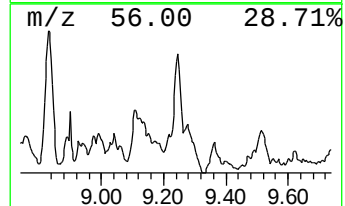
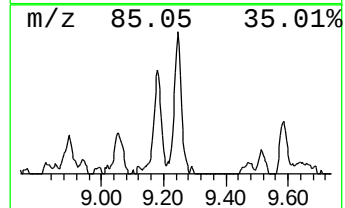
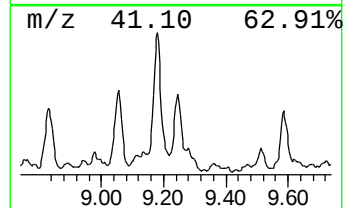
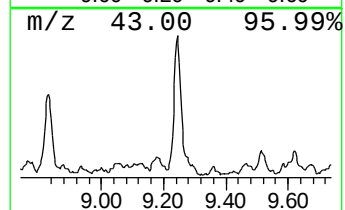
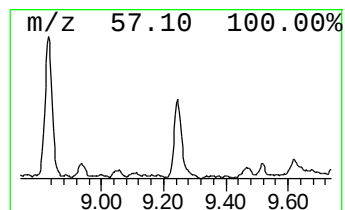
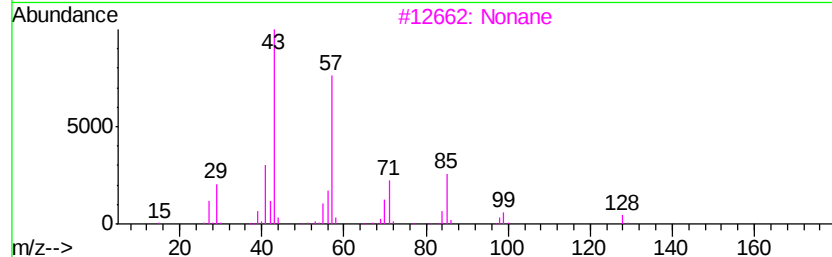
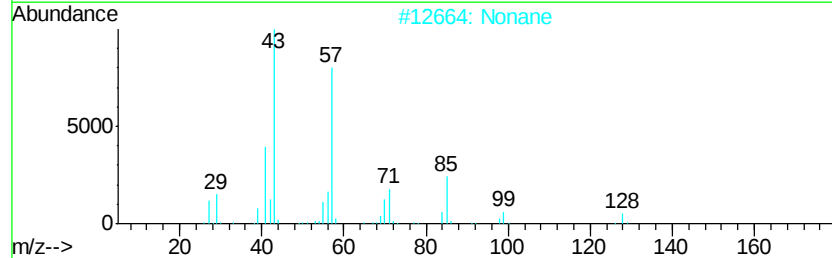
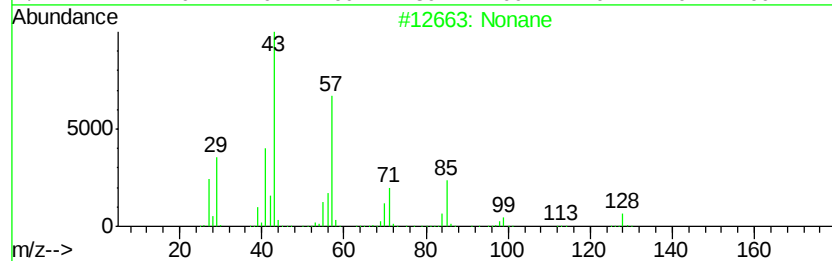
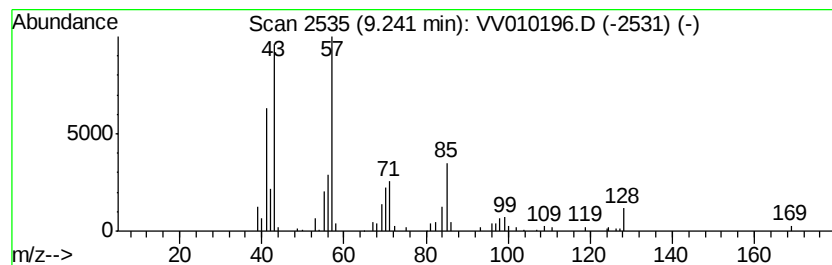
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.87 ug/L	173121	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	91
2		Nonane	128	C9H20	000111-84-2	91
3		Nonane	128	C9H20	000111-84-2	91
4		Octane	114	C8H18	000111-65-9	64
5		Undecane	156	C11H24	001120-21-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

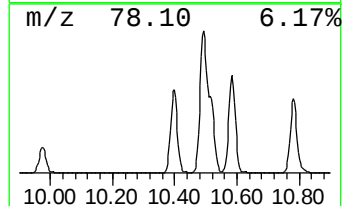
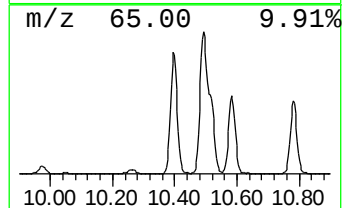
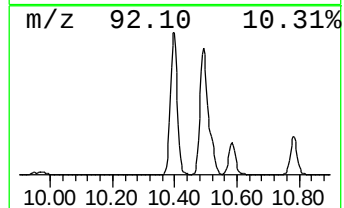
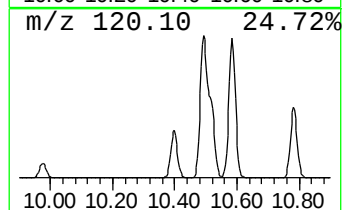
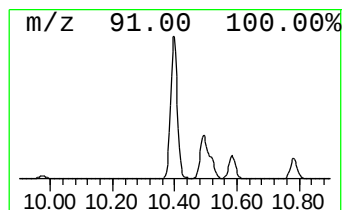
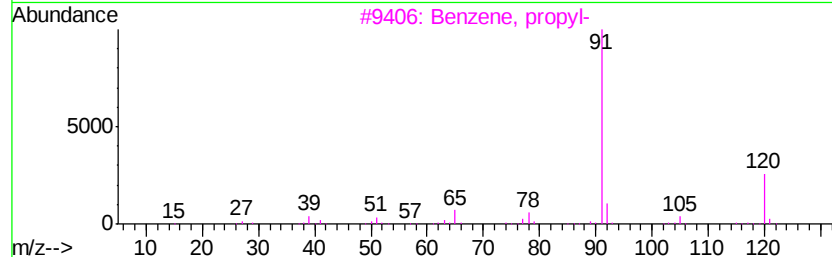
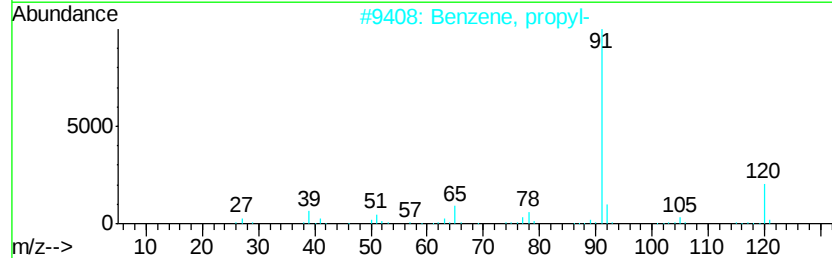
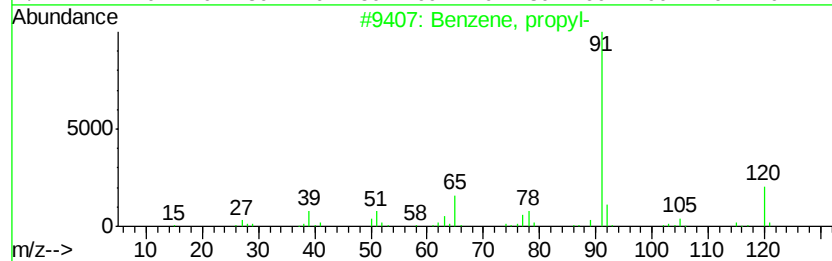
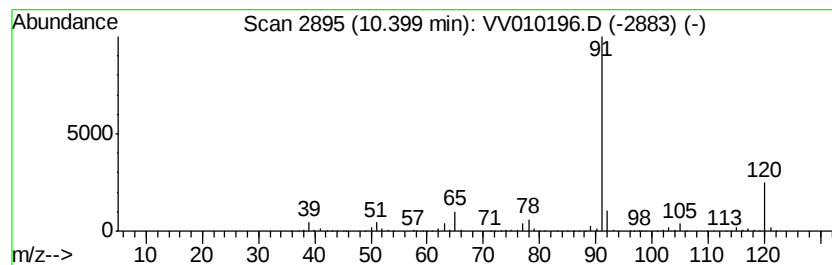
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	88.61 ug/L	2131420	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Benzene, propyl-	120	C9H12	000103-65-1	90
4		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

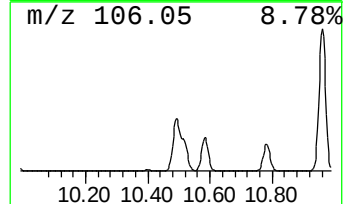
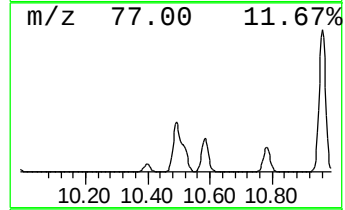
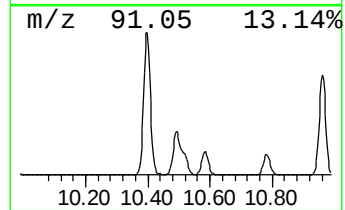
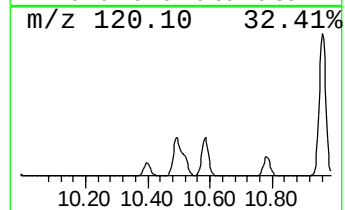
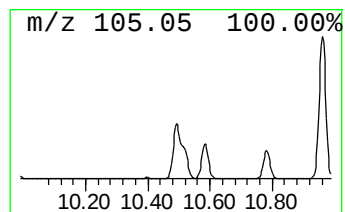
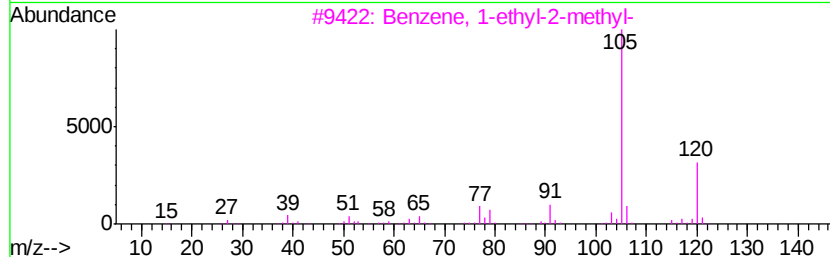
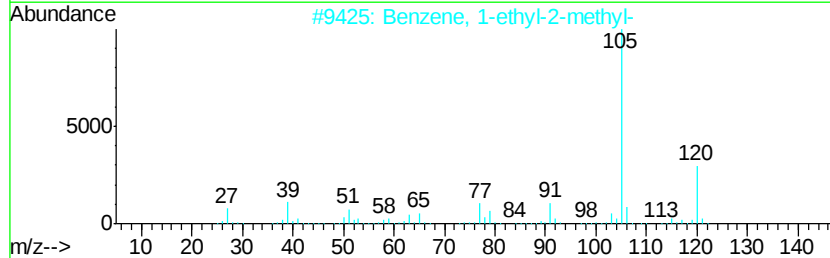
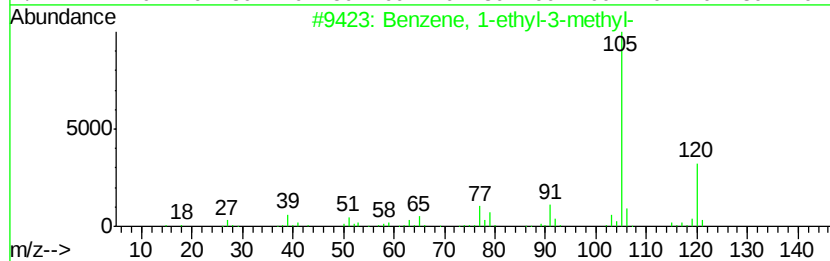
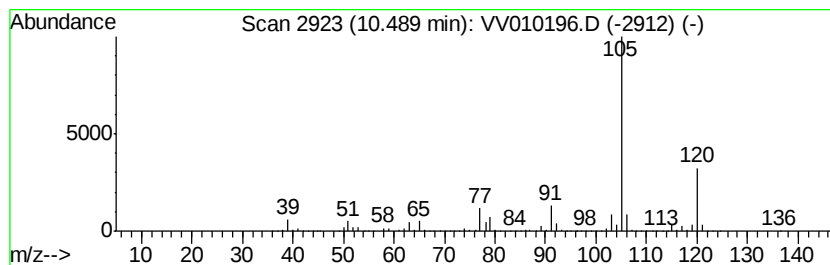
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	374.51 ug/L	9008150	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BFC29

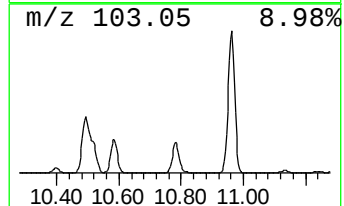
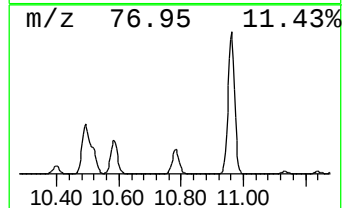
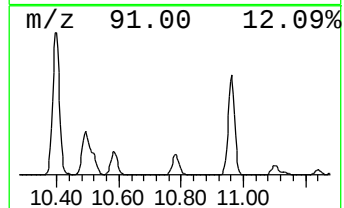
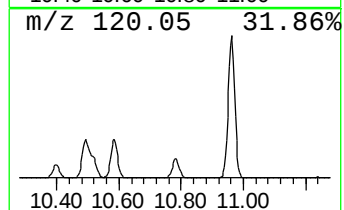
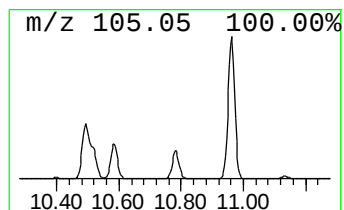
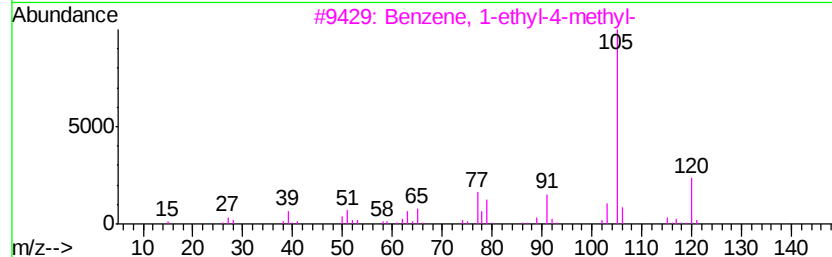
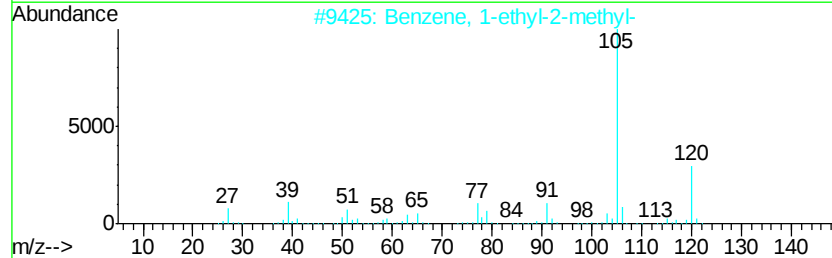
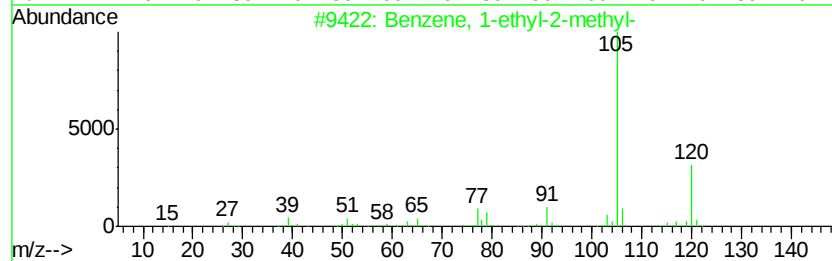
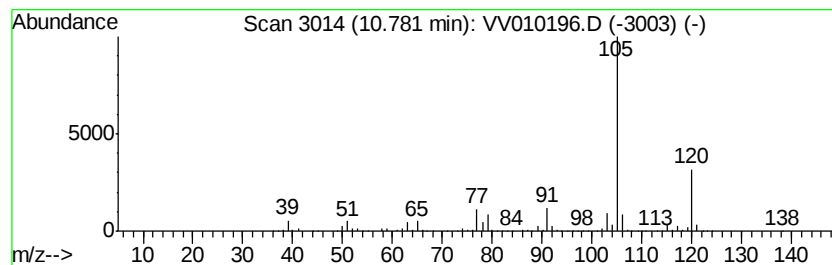
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	129.14 ug/L	3106210	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

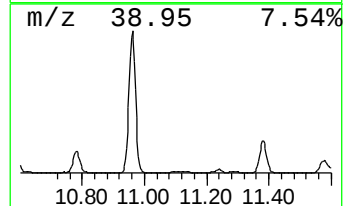
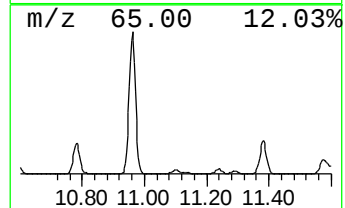
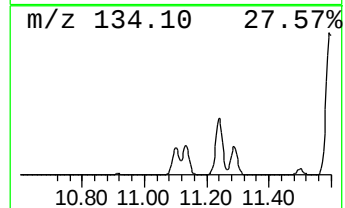
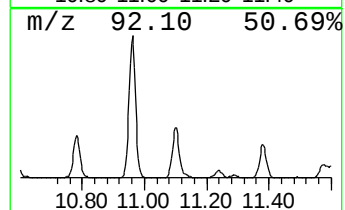
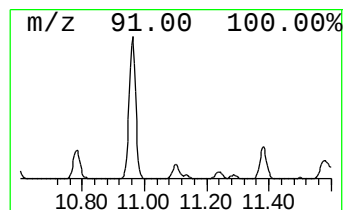
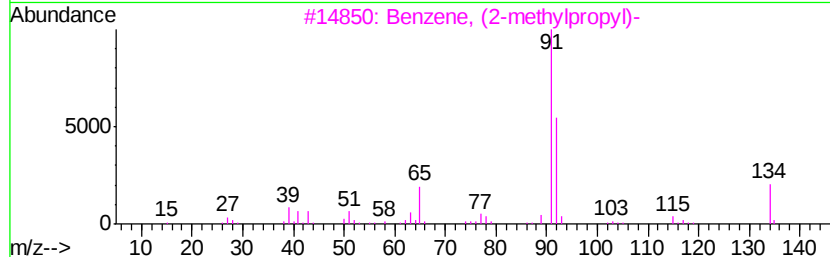
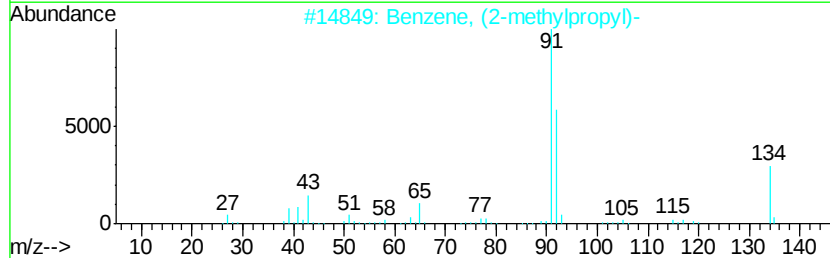
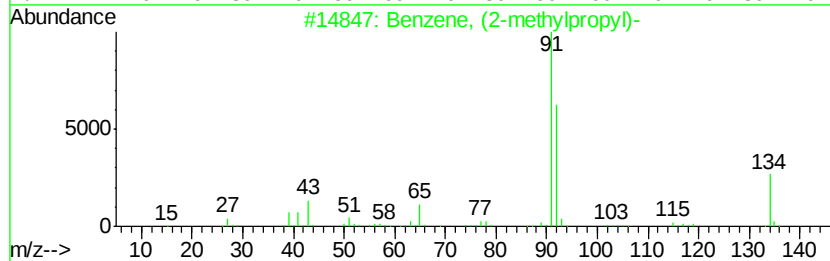
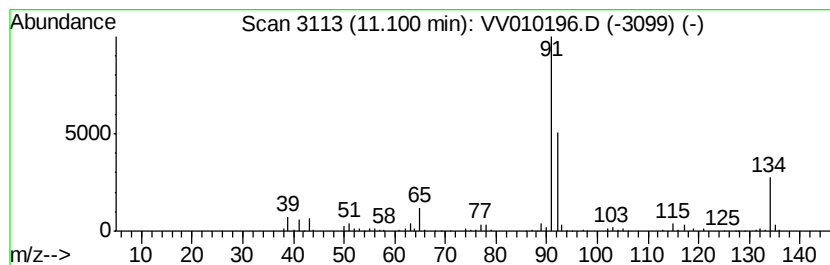
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Benzene, (2-methylpropyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	8.68 ug/L	208832	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4		Benzene, butyl-	134	C10H14	000104-51-8	86
5		Benzene, butyl-	134	C10H14	000104-51-8	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

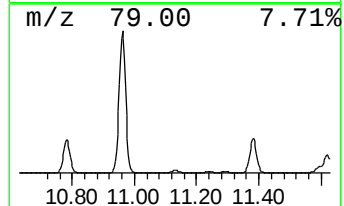
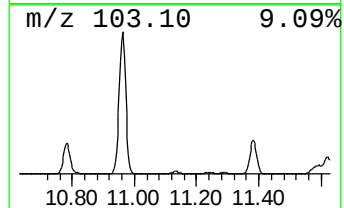
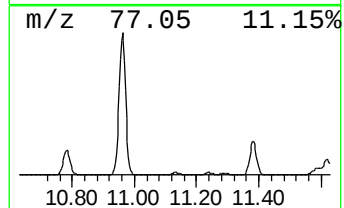
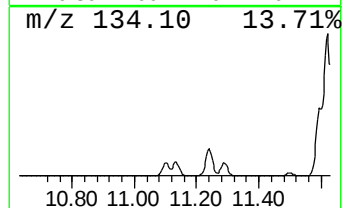
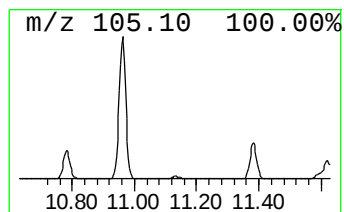
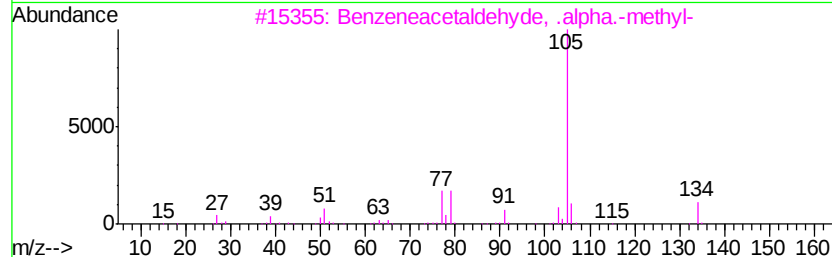
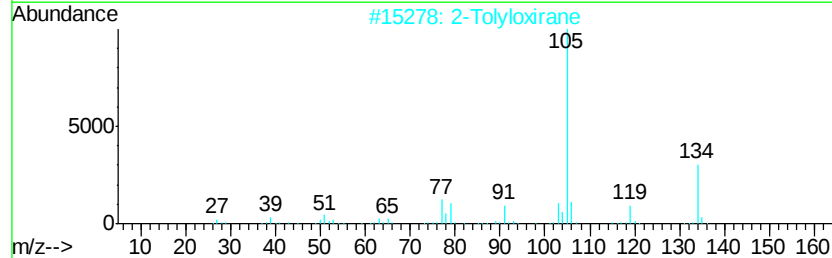
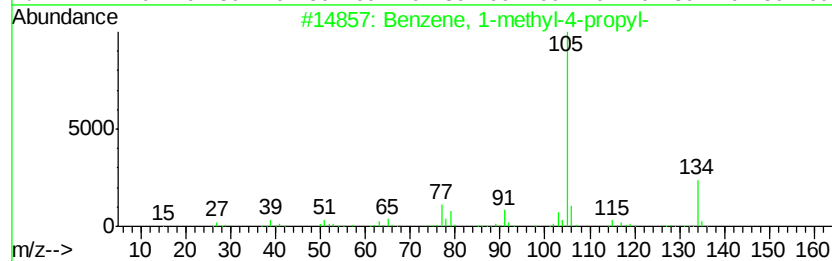
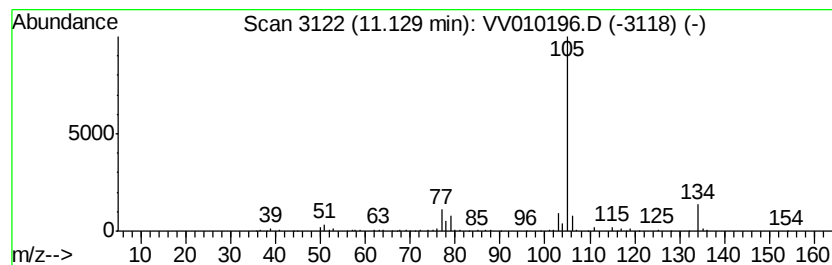
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Benzene, 1-methyl-4-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	9.97 ug/L	239803	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2		2-Tolyloxirane	134	C9H10O	002783-26-8	78
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

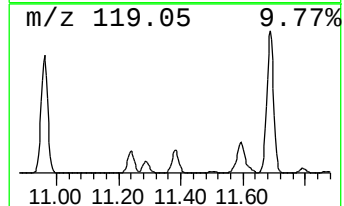
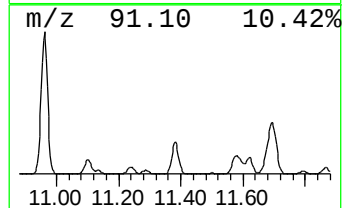
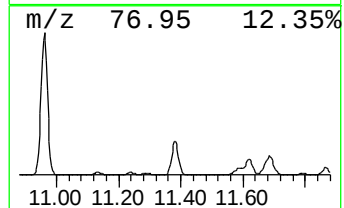
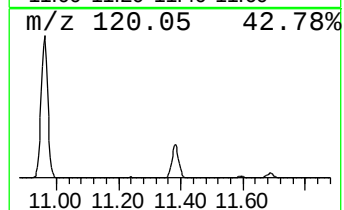
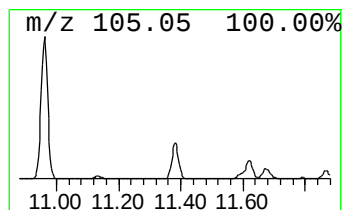
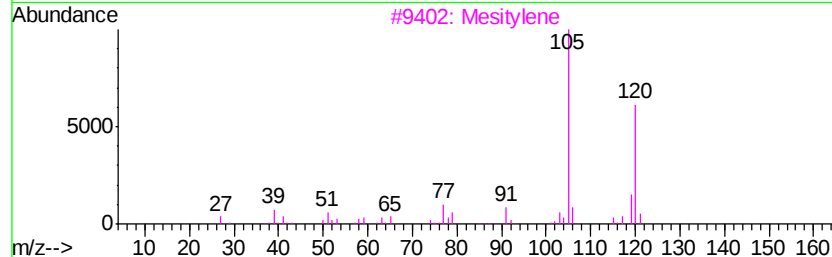
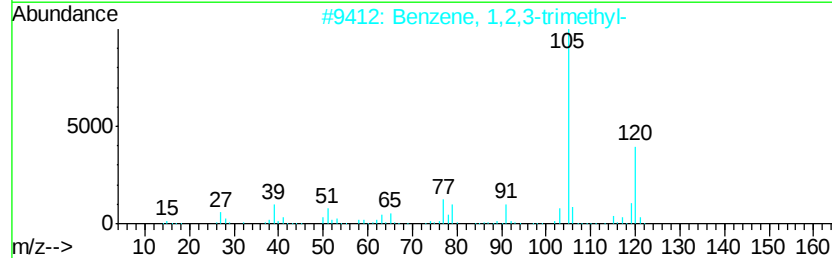
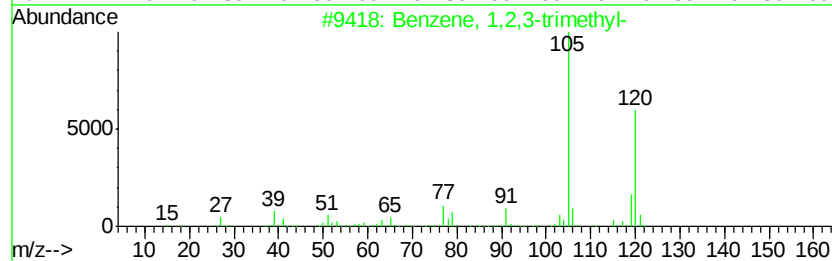
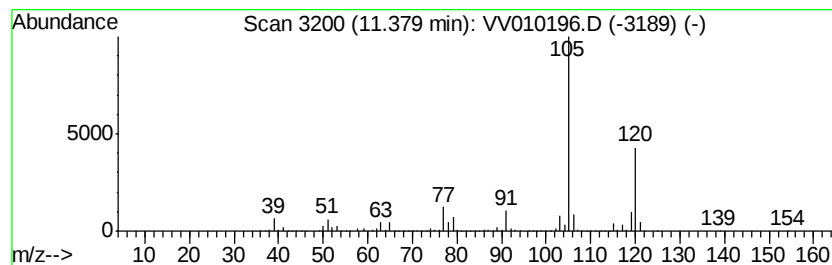
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	175.97 ug/L	4232680	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Mesitylene	120	C9H12	000108-67-8	93
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

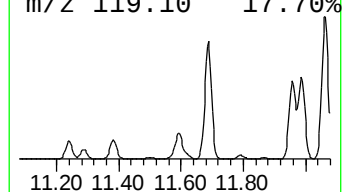
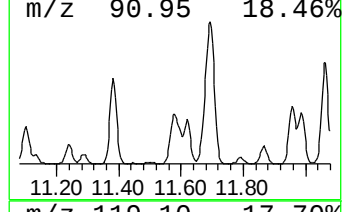
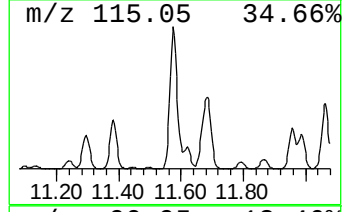
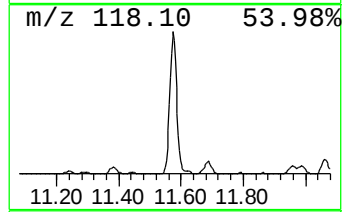
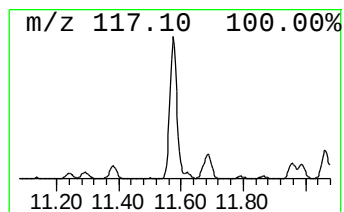
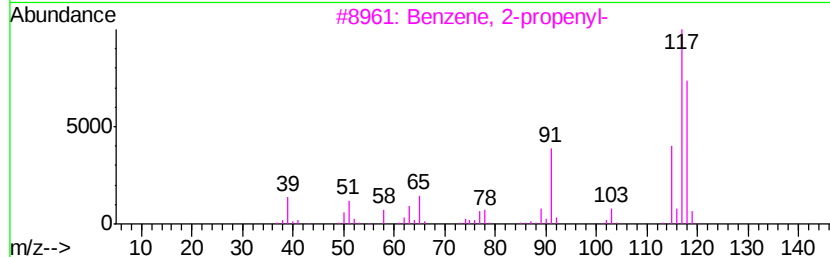
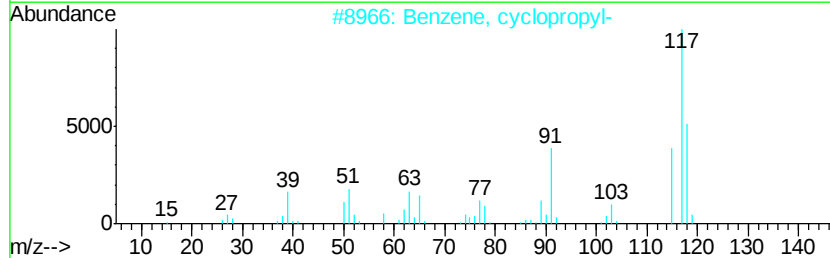
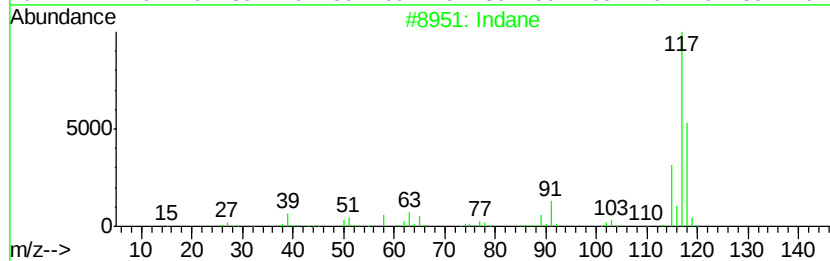
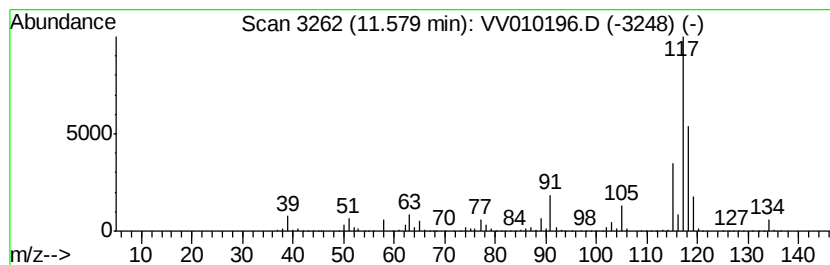
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	99.70 ug/L	2398170	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4		Indane	118	C9H10	000496-11-7	76
5		Indane	118	C9H10	000496-11-7	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

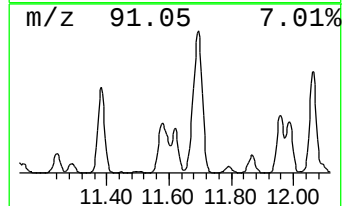
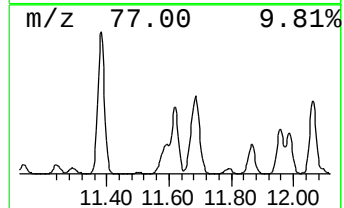
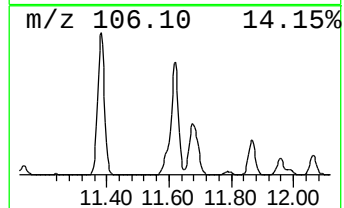
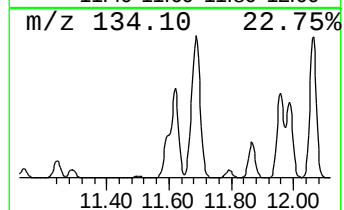
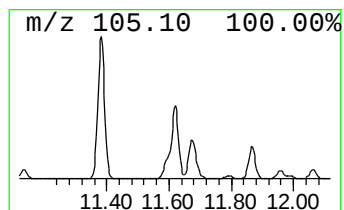
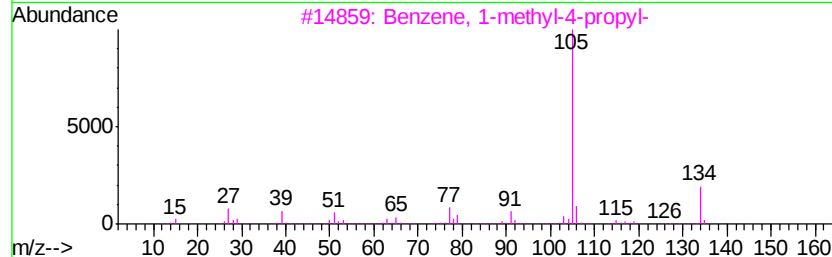
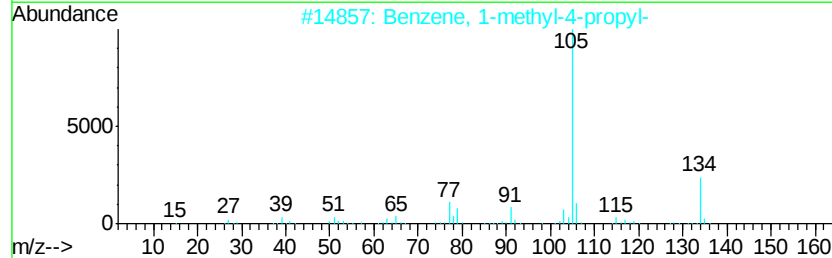
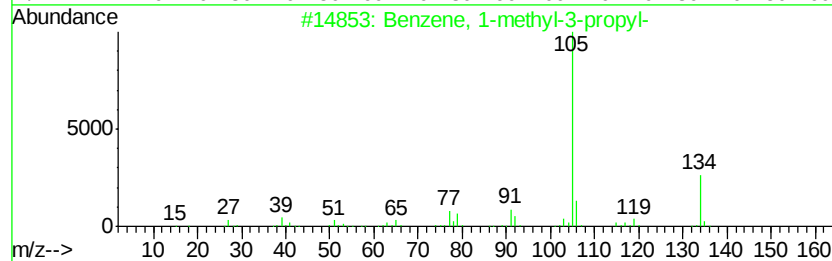
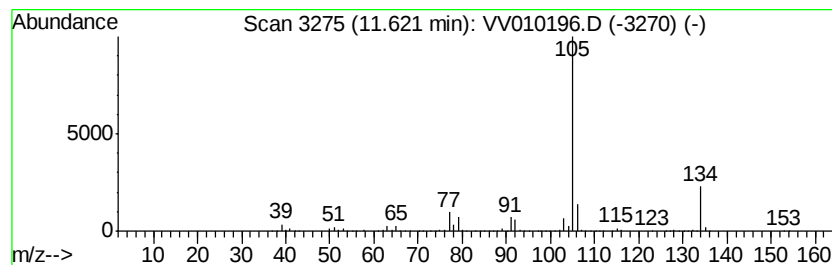
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	74.82 ug/L	1799690	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

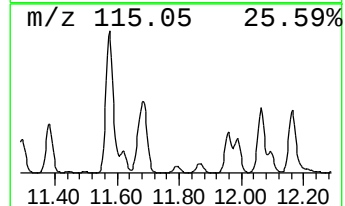
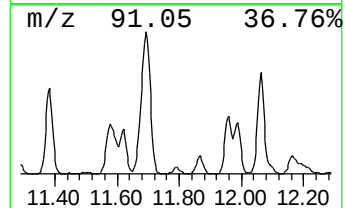
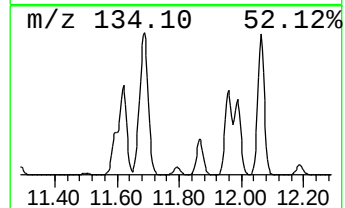
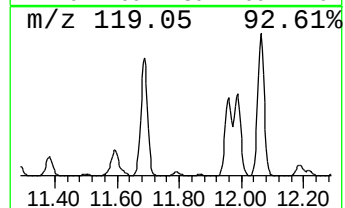
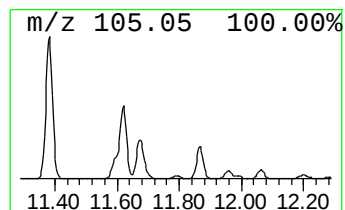
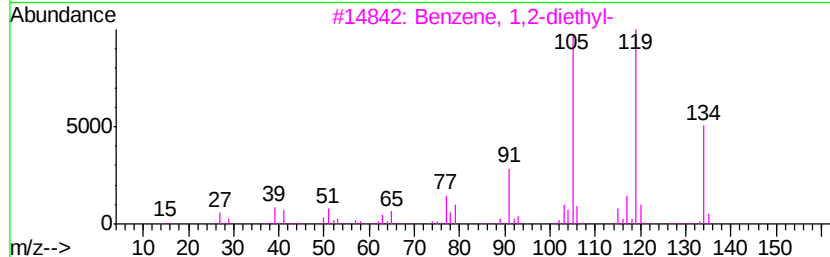
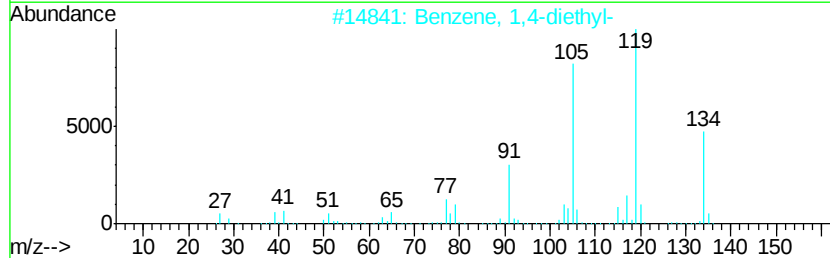
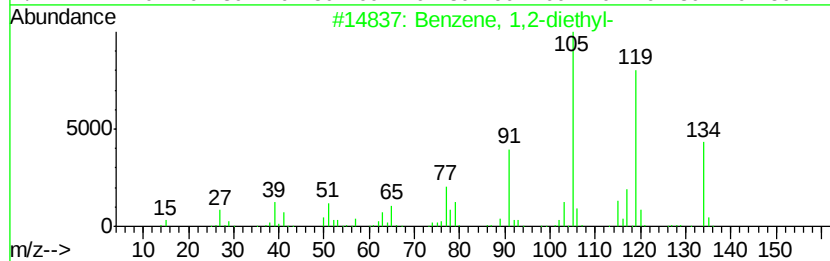
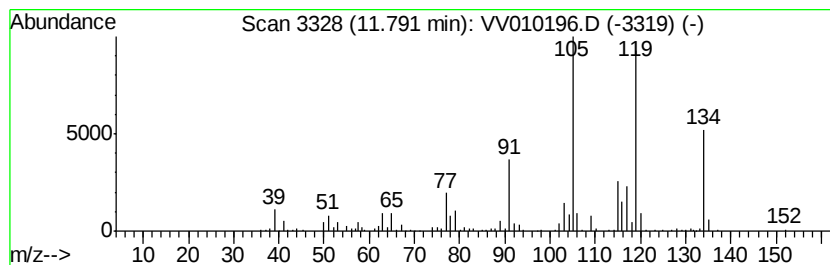
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Benzene, 1,2-diethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.01 ug/L	192699	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

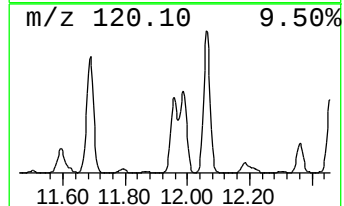
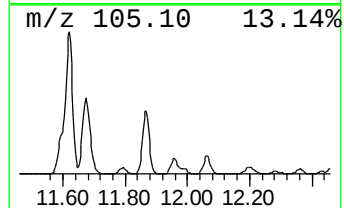
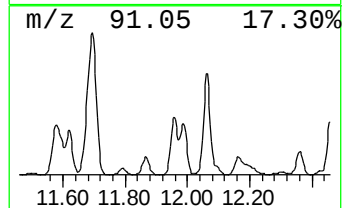
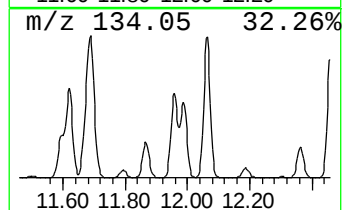
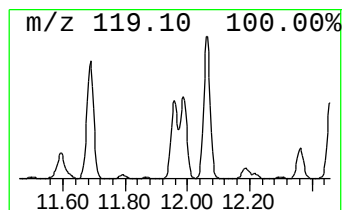
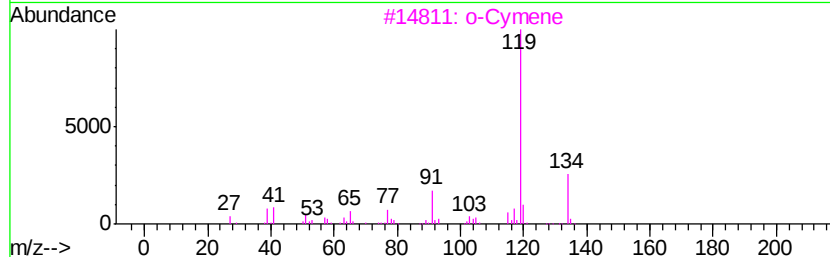
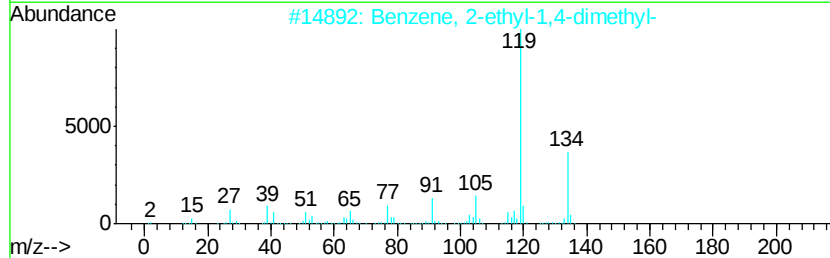
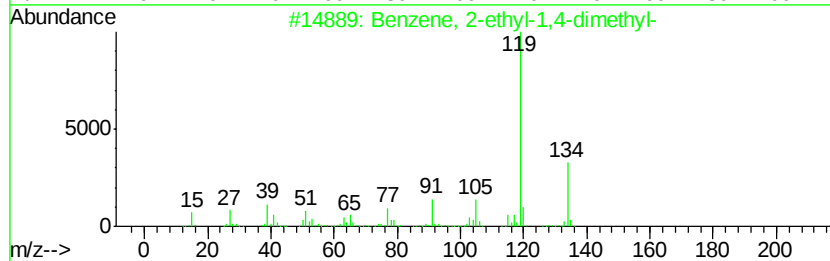
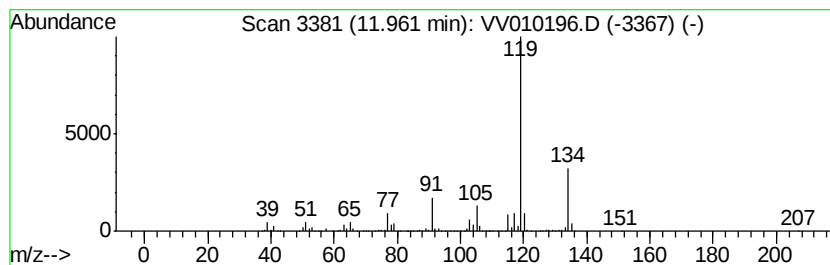
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	71.13 ug/L	1710790	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

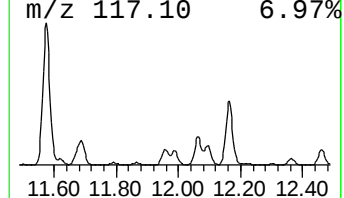
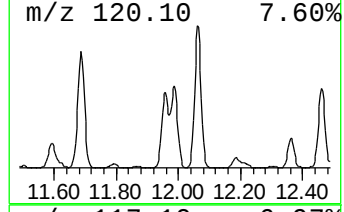
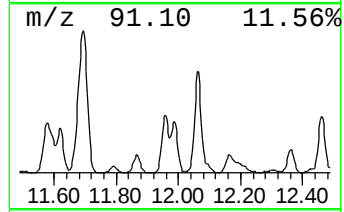
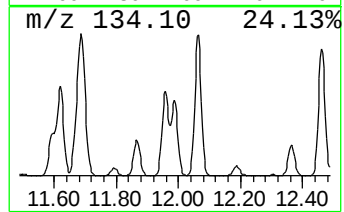
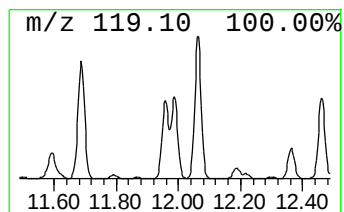
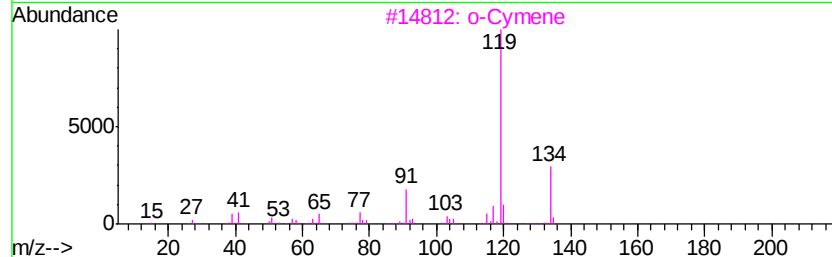
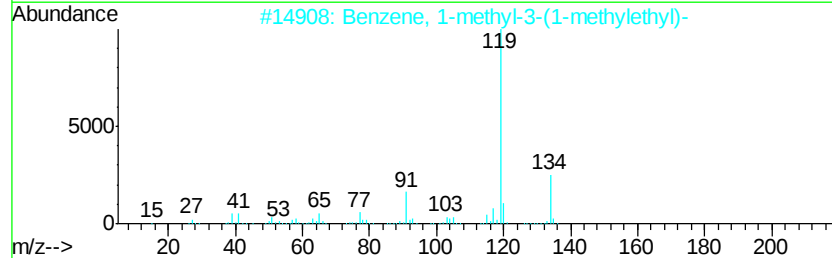
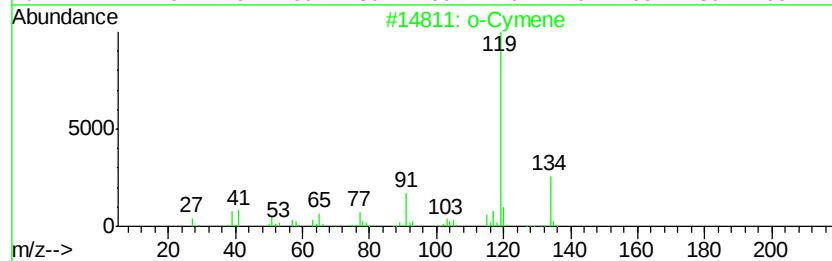
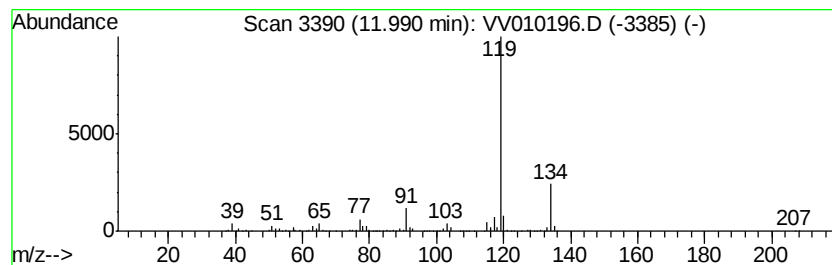
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	59.16 ug/L	1422900	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BFC29

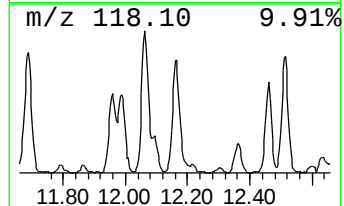
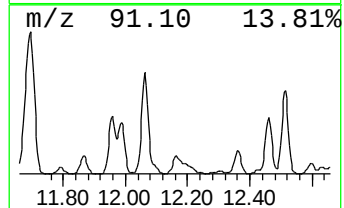
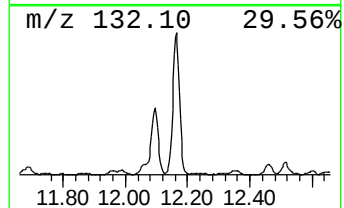
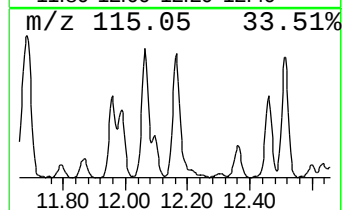
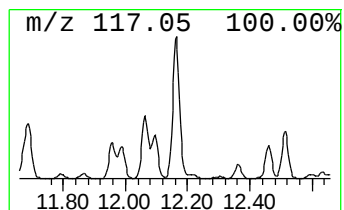
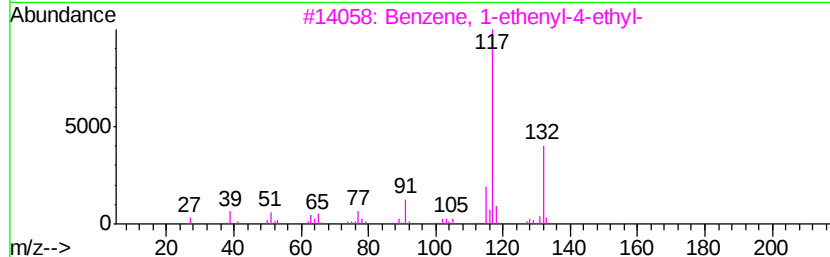
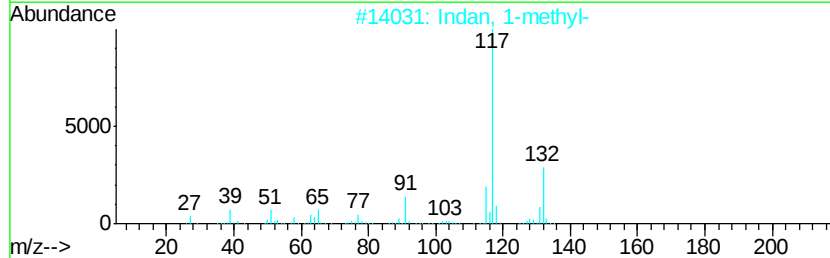
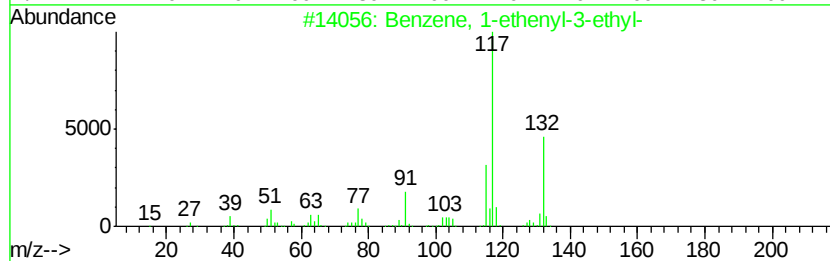
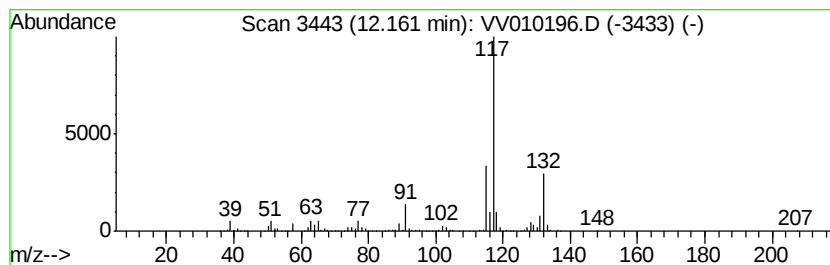
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	49.47 ug/L	1189960	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

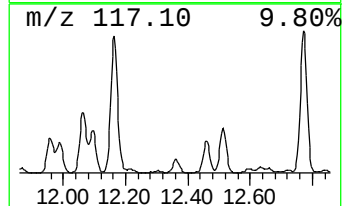
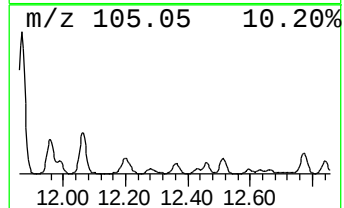
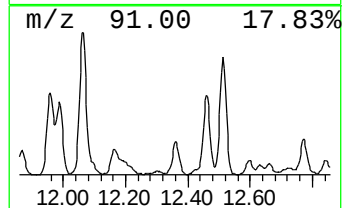
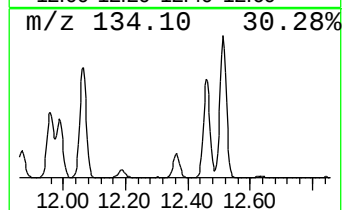
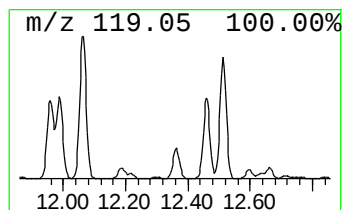
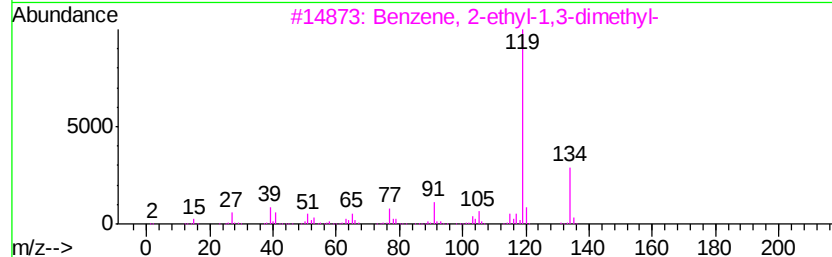
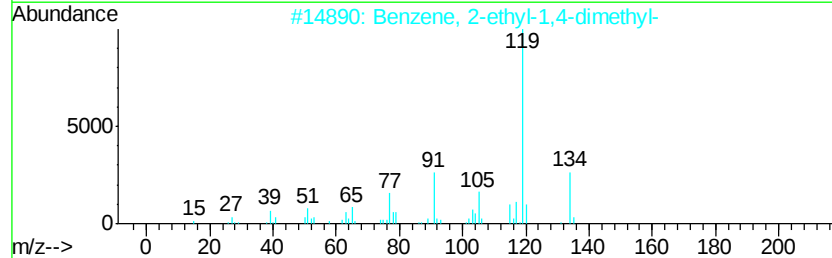
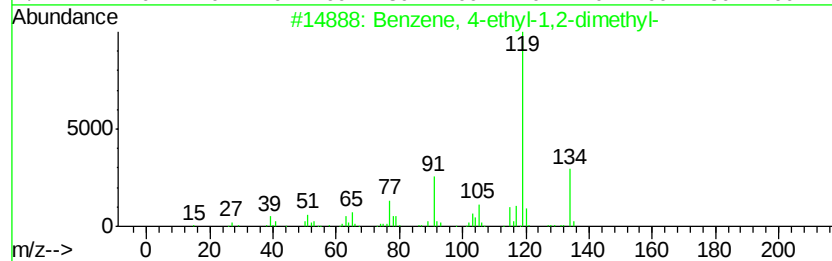
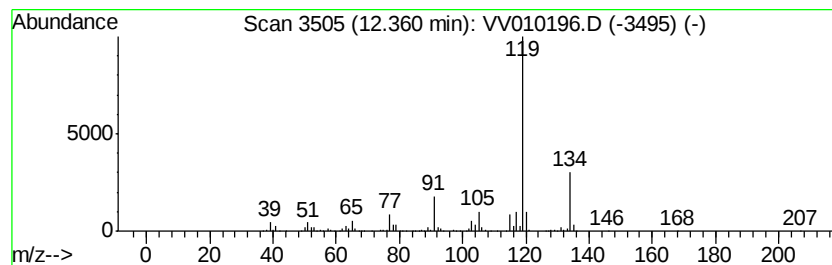
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	28.42 ug/L	683672	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

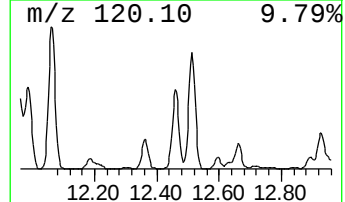
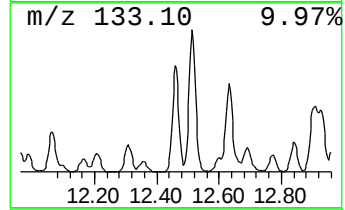
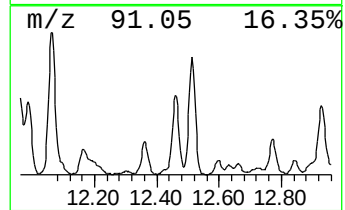
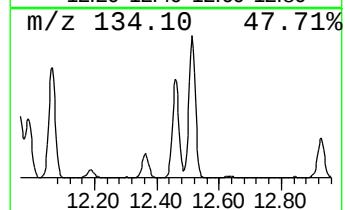
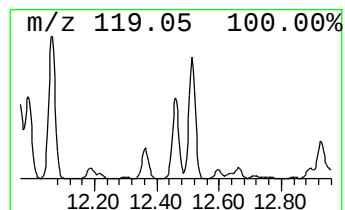
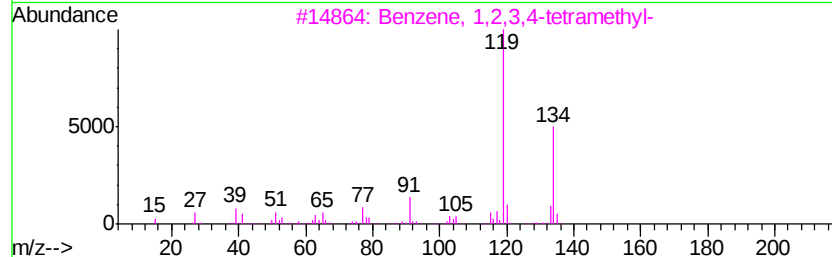
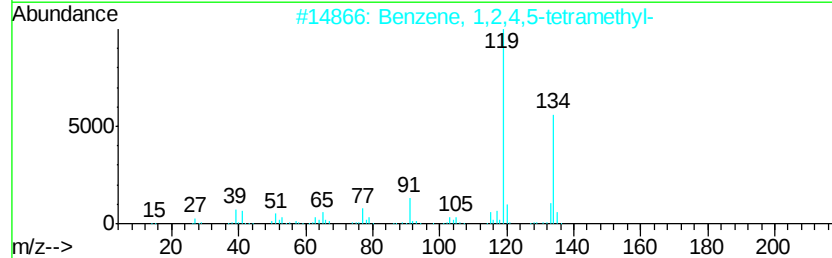
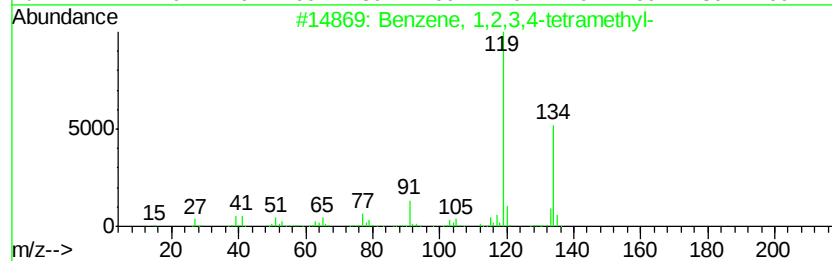
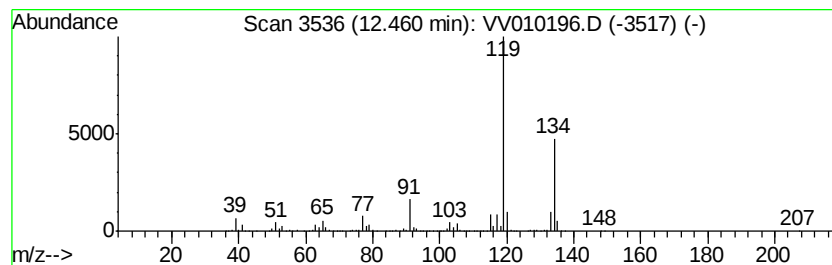
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	78.74 ug/L	1893890	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

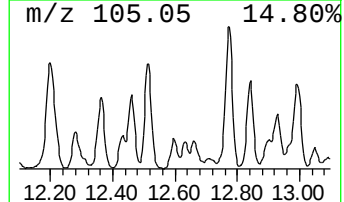
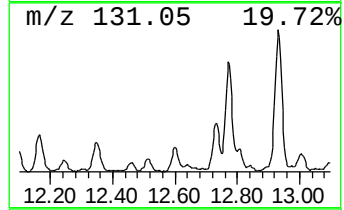
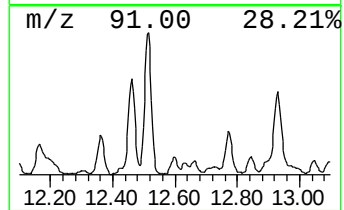
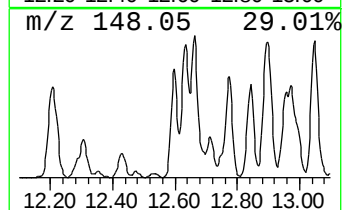
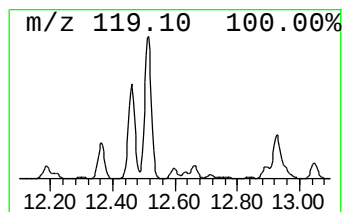
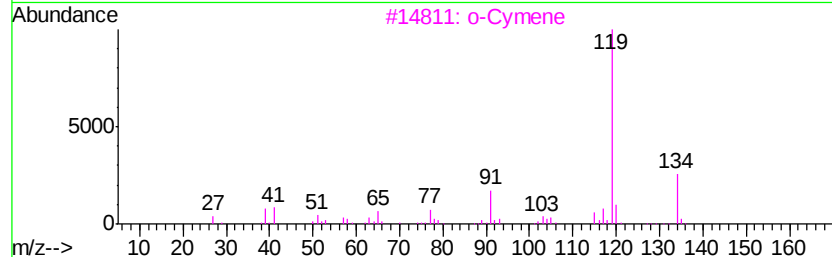
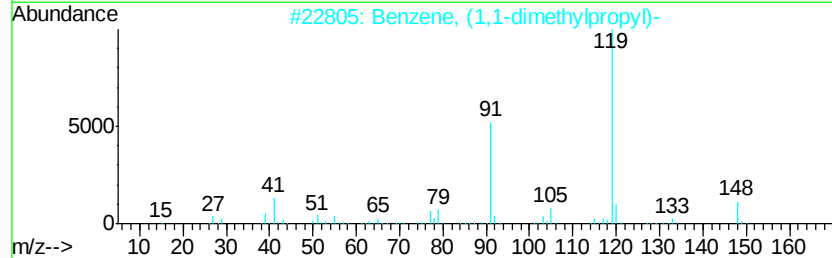
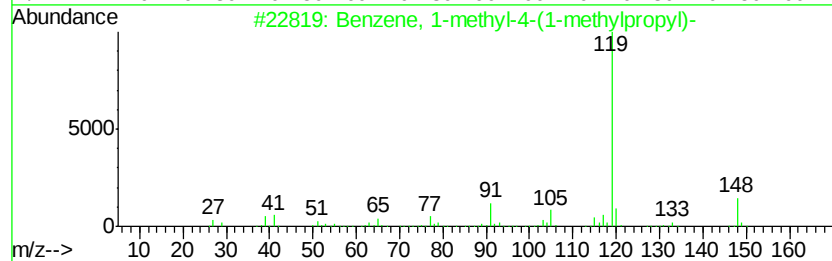
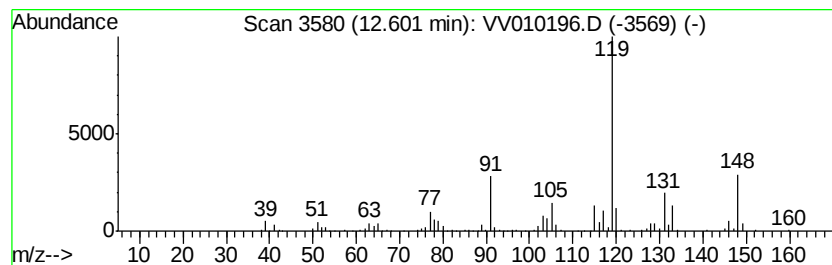
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Benzene, 1-methyl-4-(1-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	10.04 ug/L	241545	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	64
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

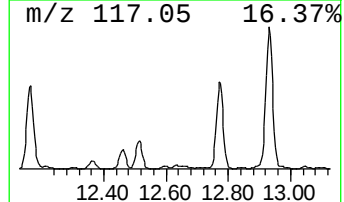
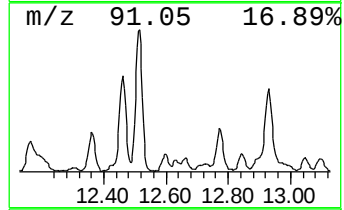
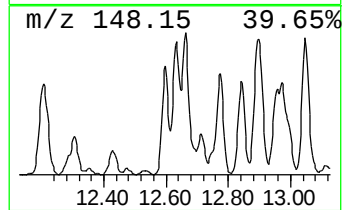
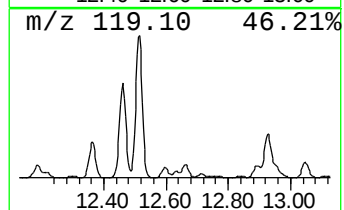
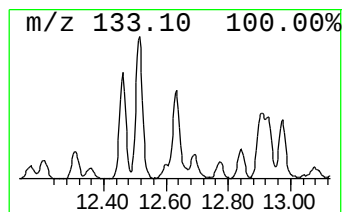
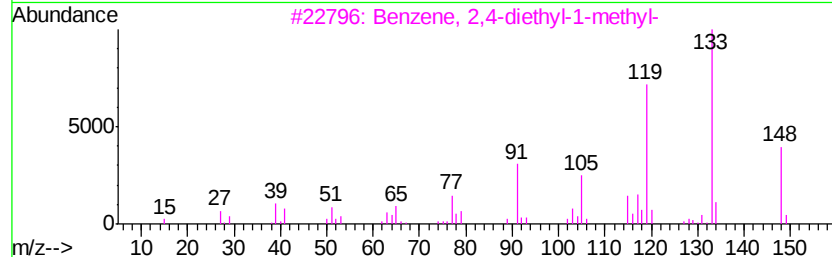
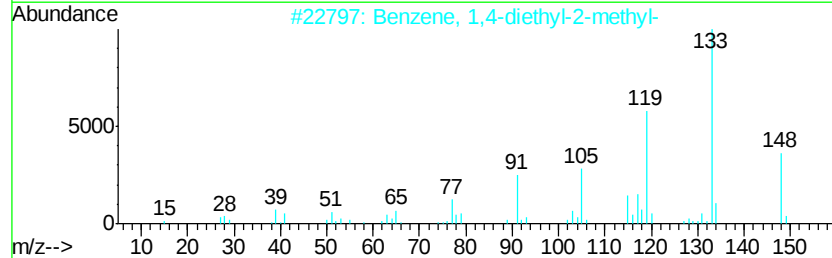
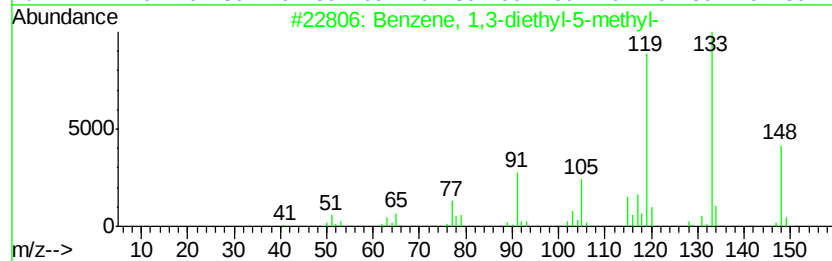
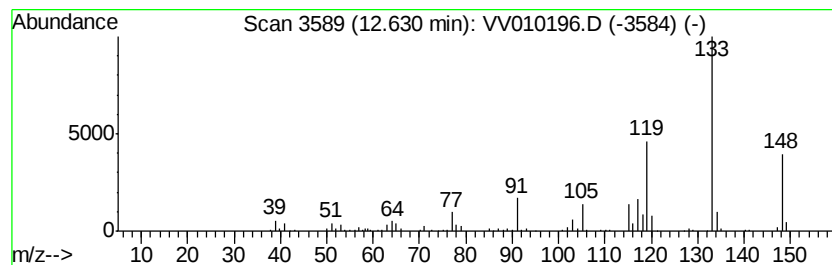
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.80 ug/L	115537	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
5			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

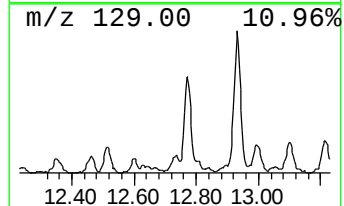
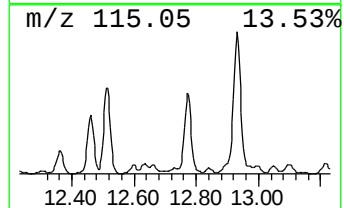
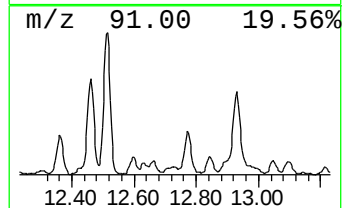
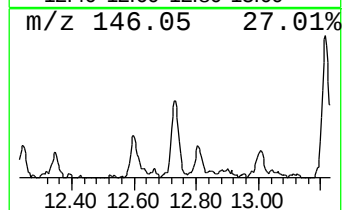
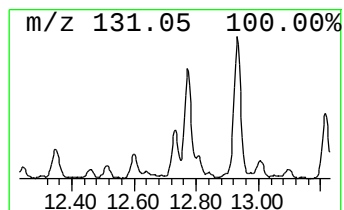
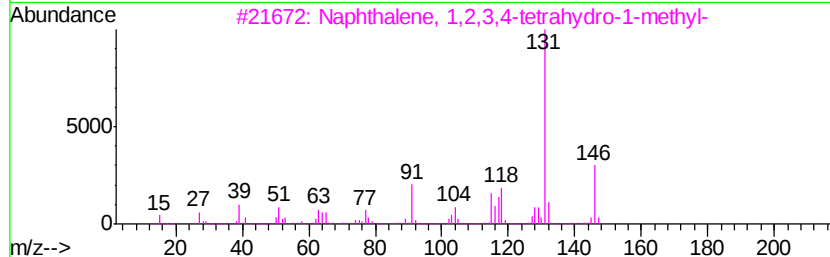
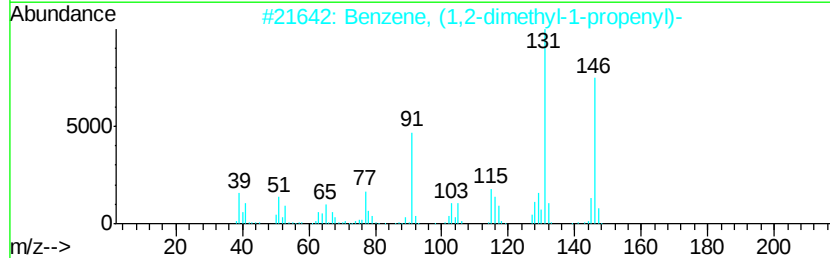
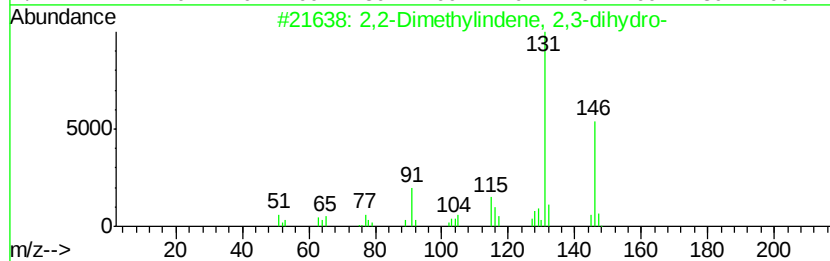
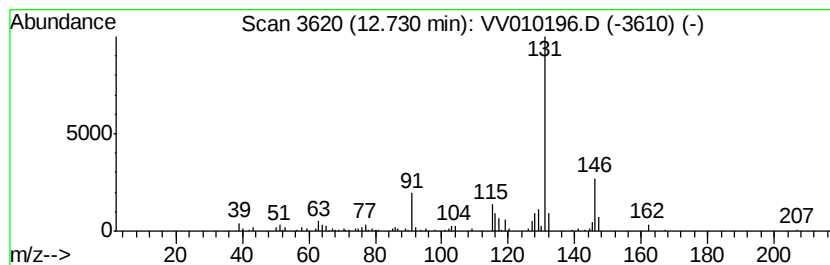
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 2,2-Dimethylindene, 2,3-dih... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.89 ug/L	69448	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3		Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	91
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

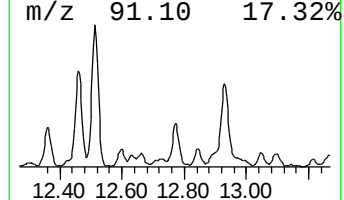
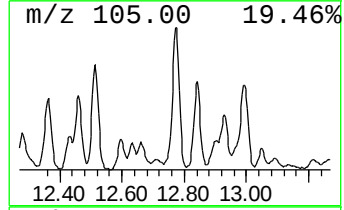
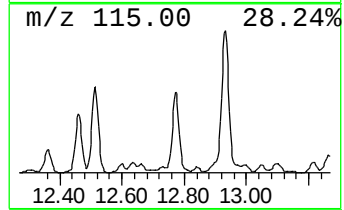
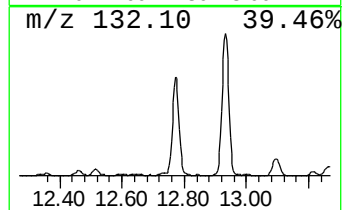
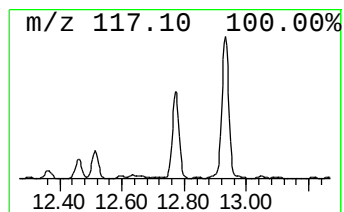
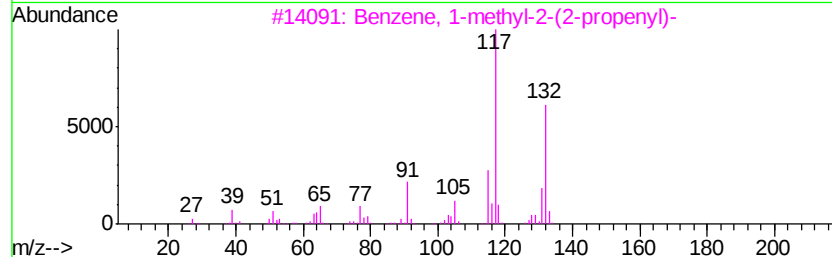
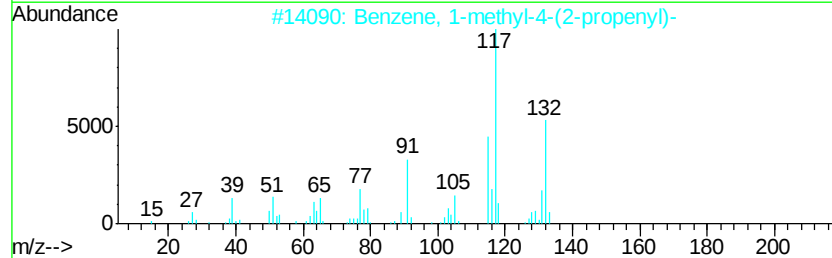
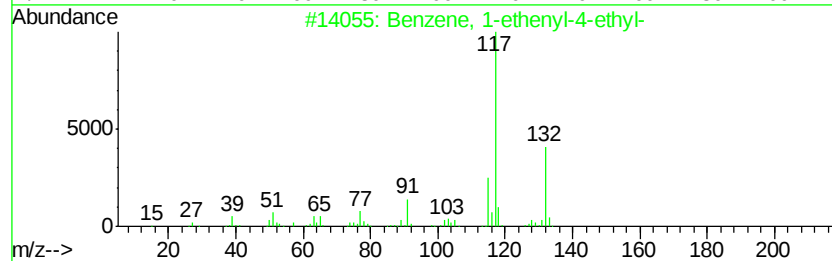
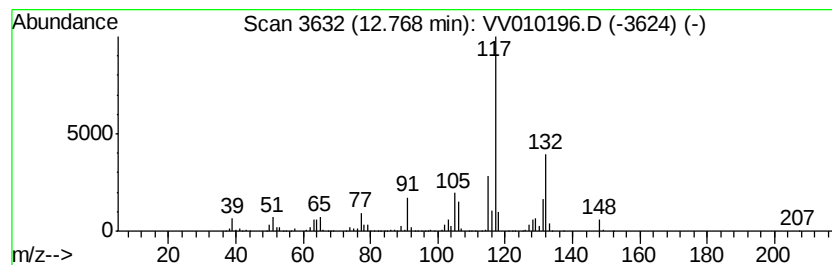
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	40.79 ug/L	981099	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	92
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

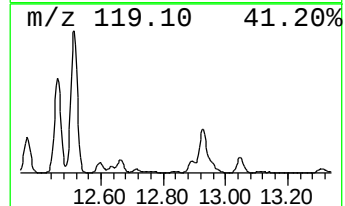
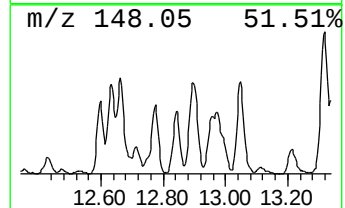
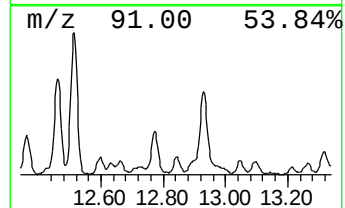
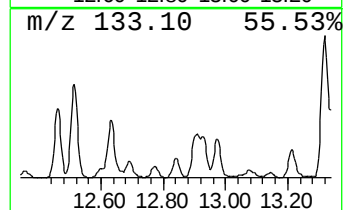
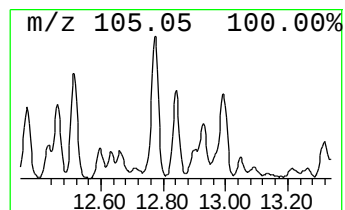
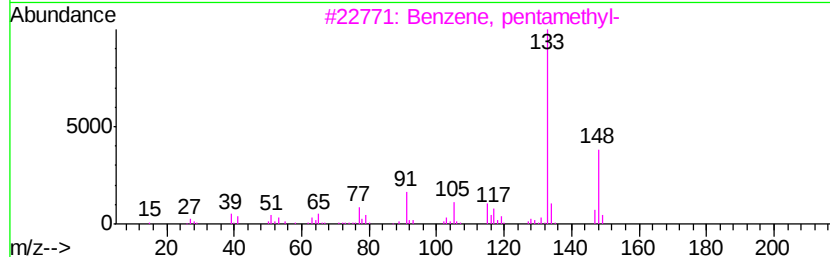
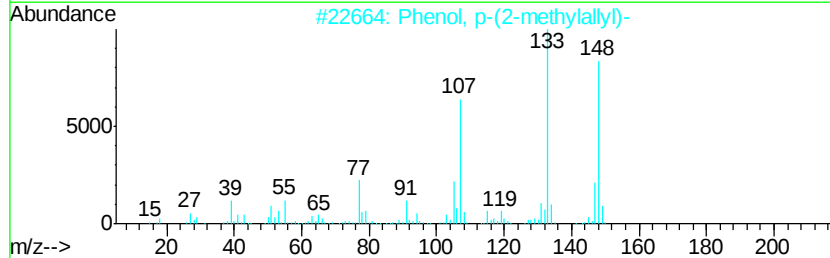
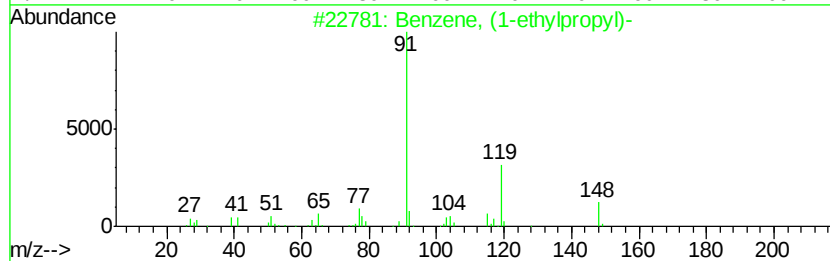
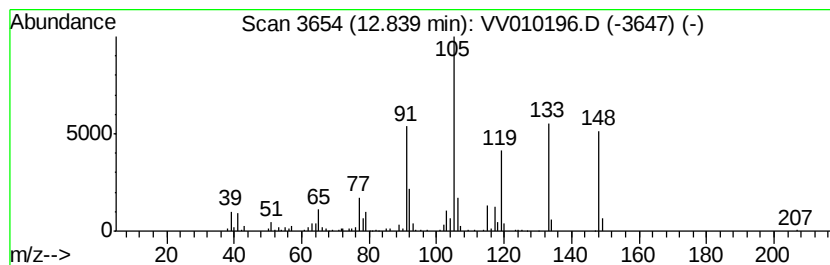
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 Benzene, (1-ethylpropyl)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	5.73 ug/L	137751	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	50
2		Phenol, p-(2-methylallyl)-	148	C10H12O	033641-78-0	46
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	46
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

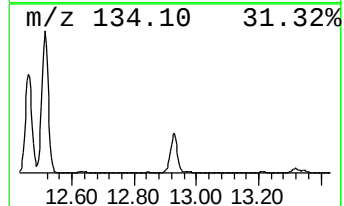
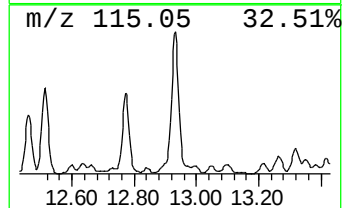
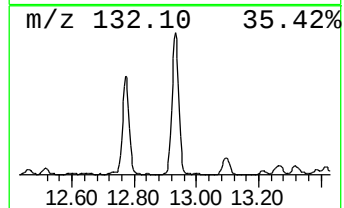
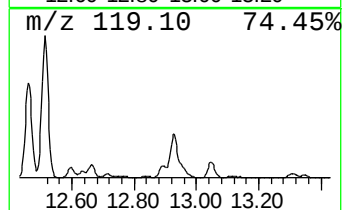
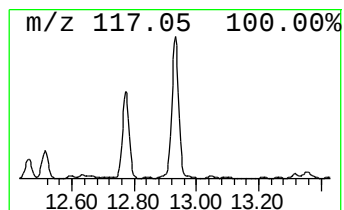
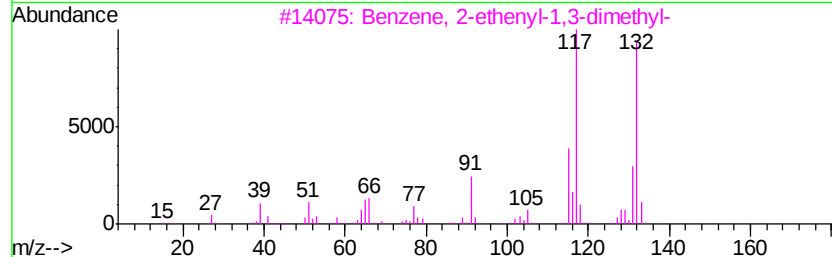
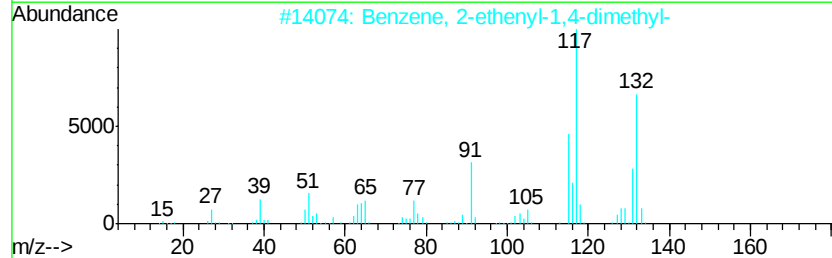
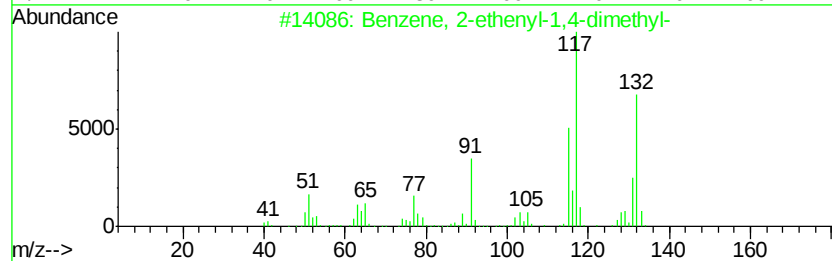
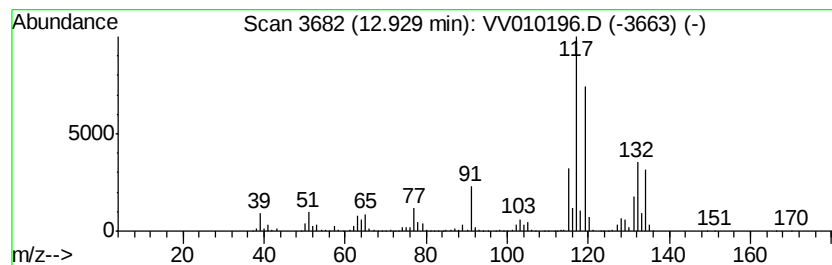
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	106.47 ug/L	2560940	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	78
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

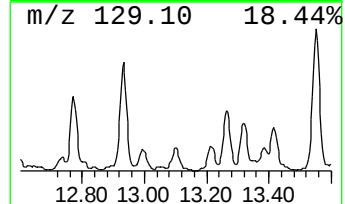
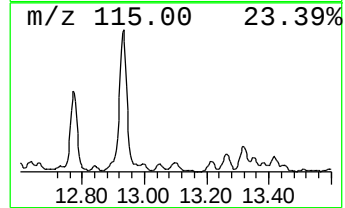
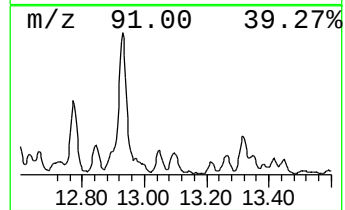
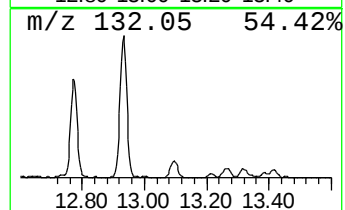
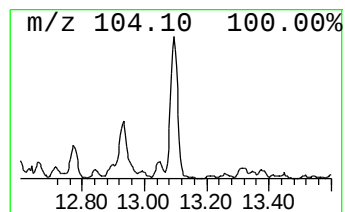
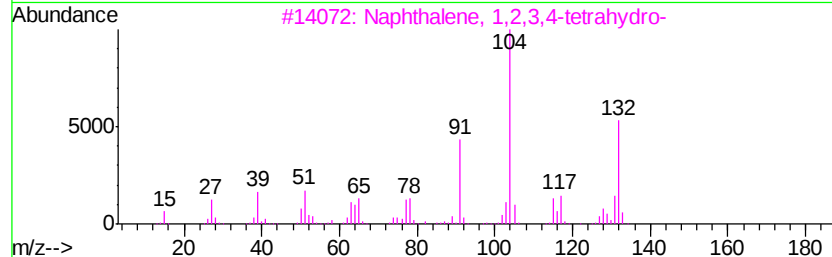
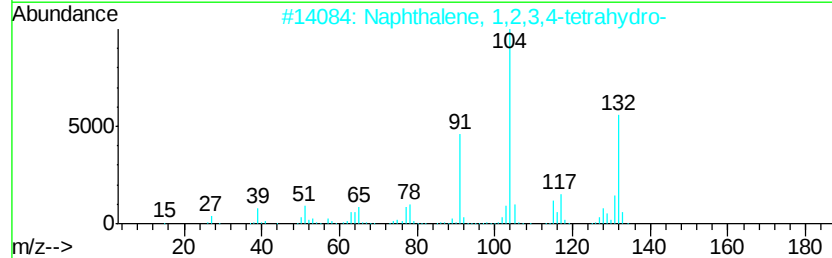
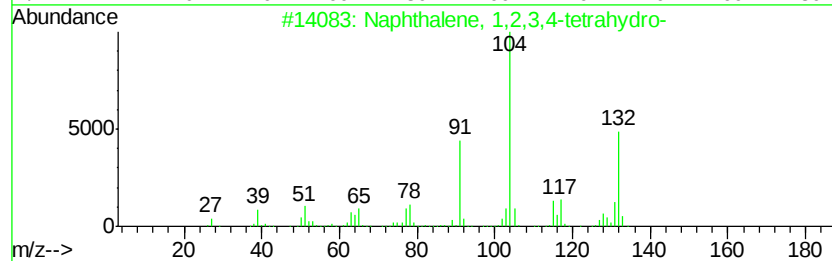
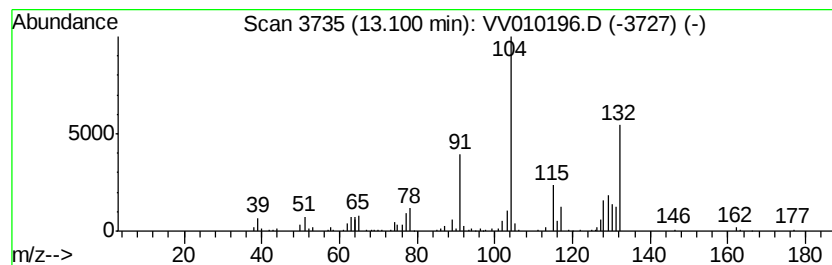
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	6.22 ug/L	149678	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
5			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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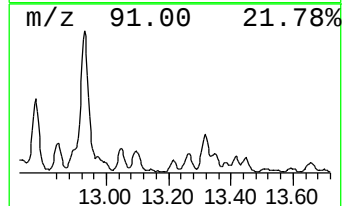
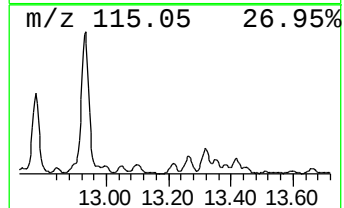
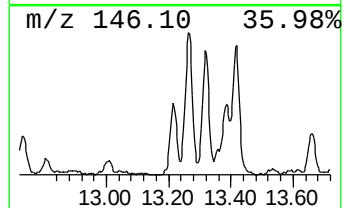
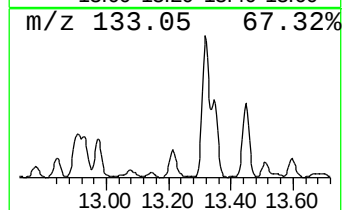
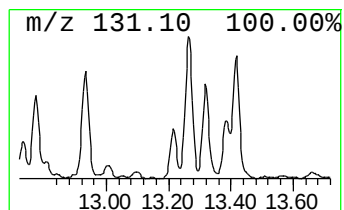
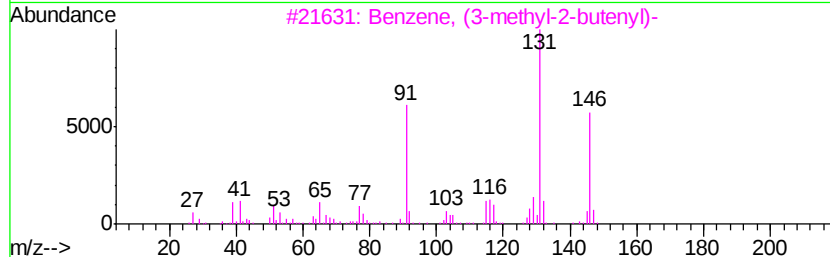
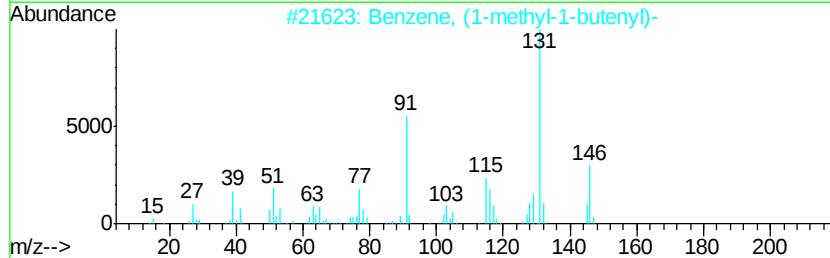
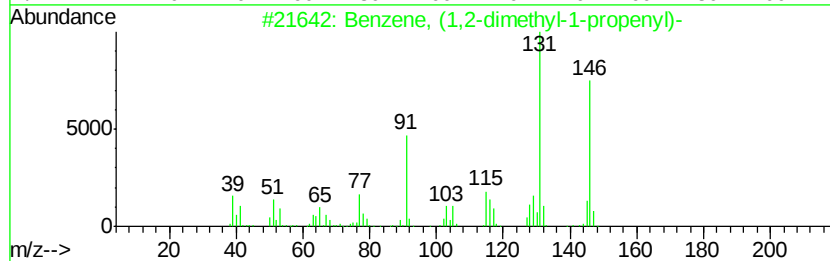
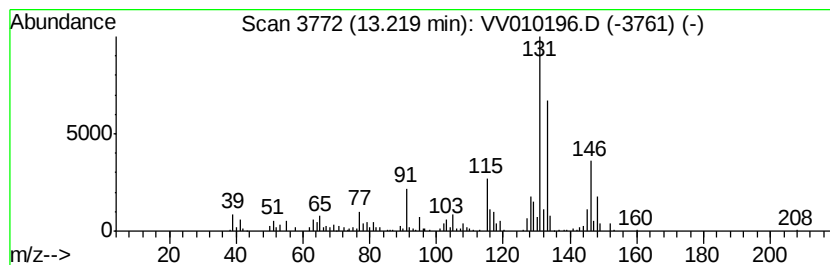
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	8.52 ug/L	204859	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

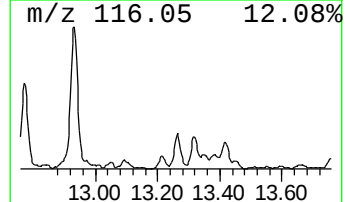
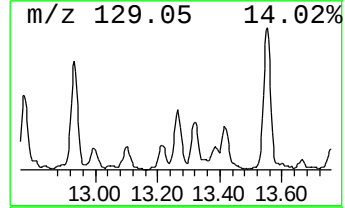
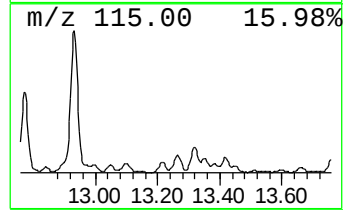
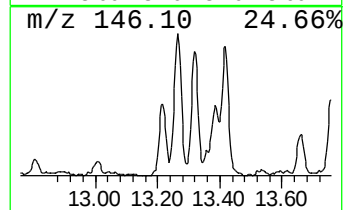
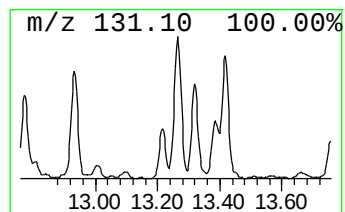
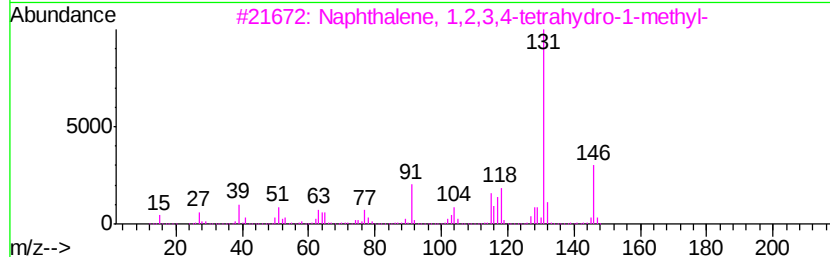
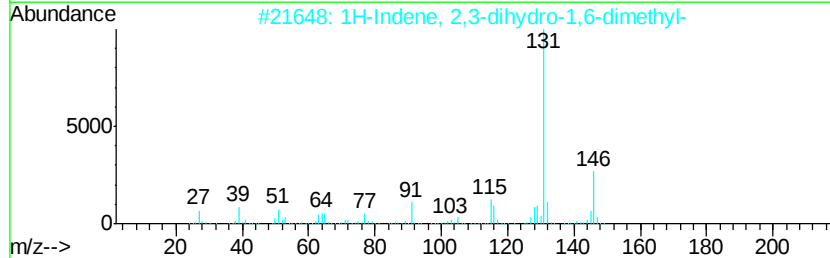
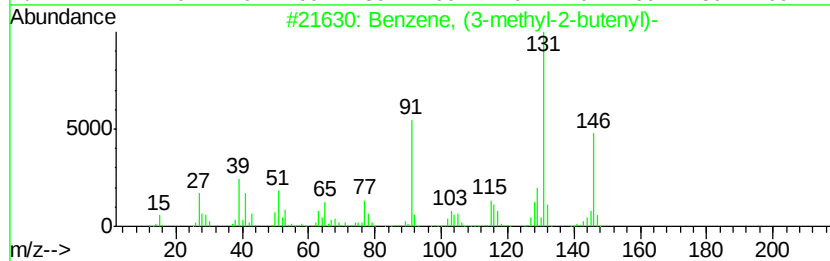
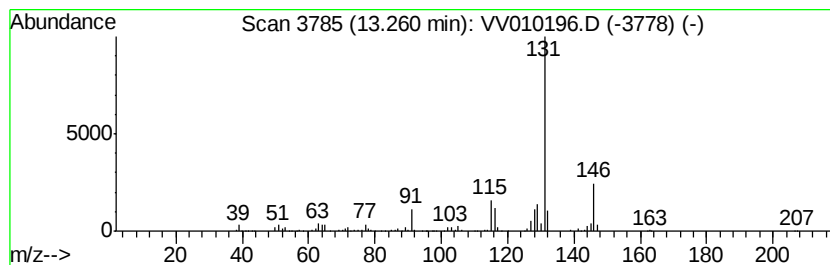
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 Benzene, (3-methyl-2-butenyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	9.75 ug/L	234427	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

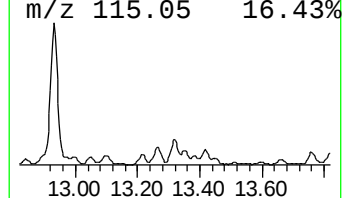
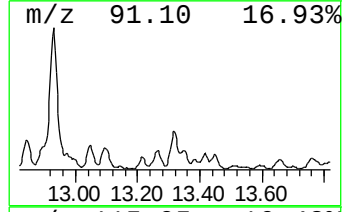
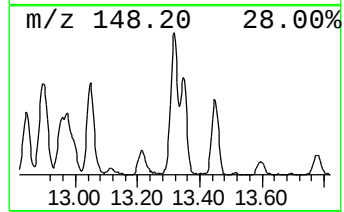
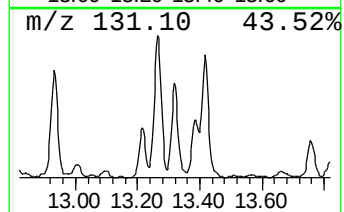
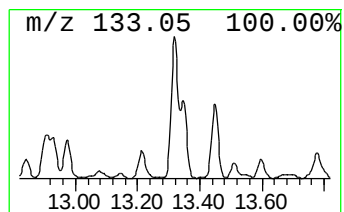
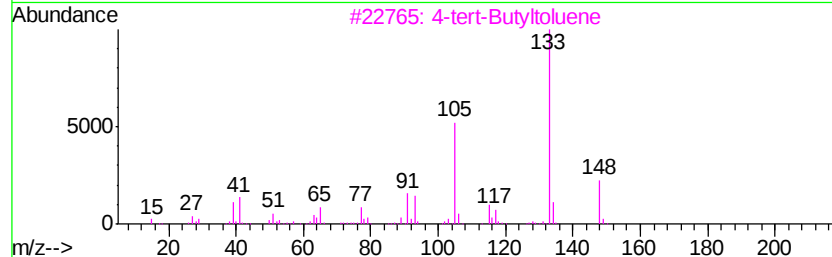
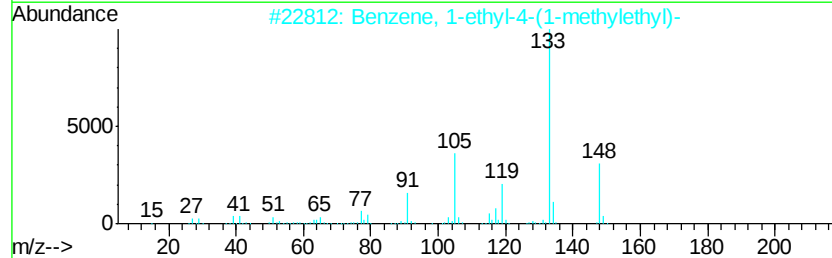
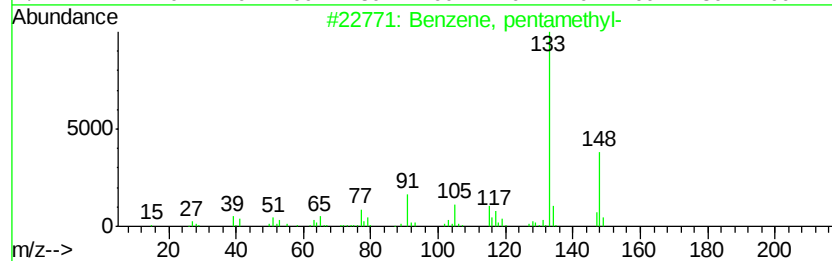
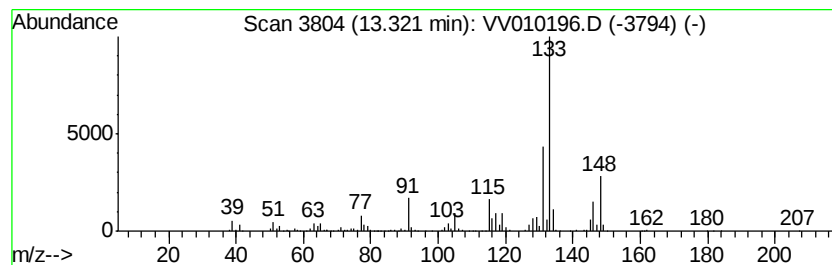
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Benzene, pentamethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	22.28 ug/L	535819	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	53
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	52
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

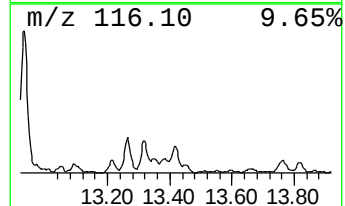
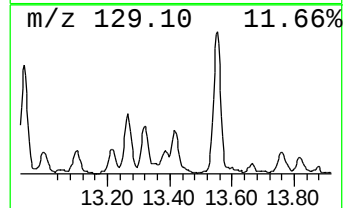
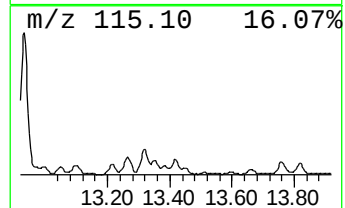
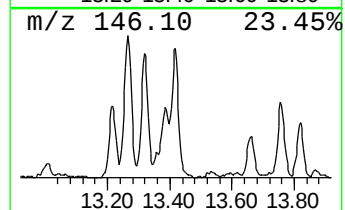
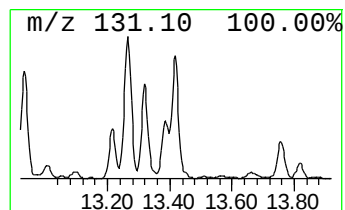
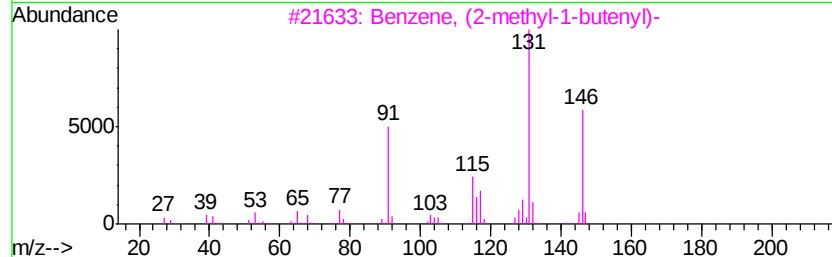
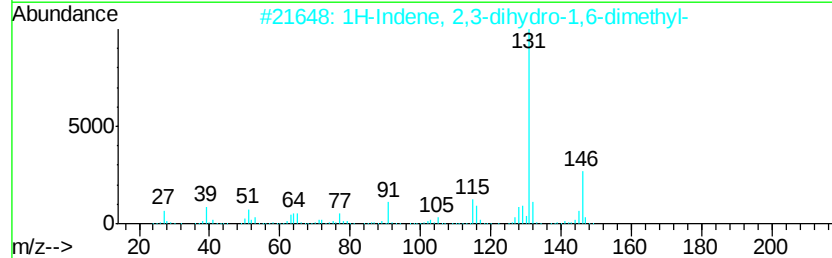
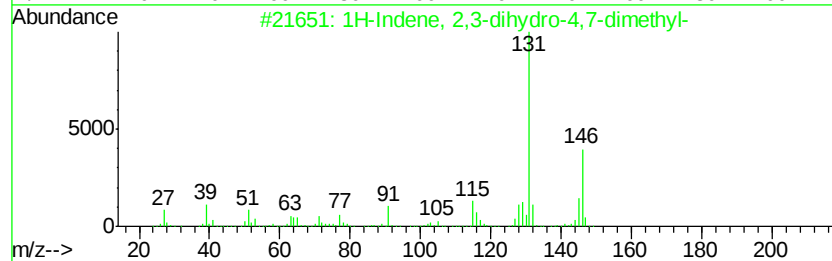
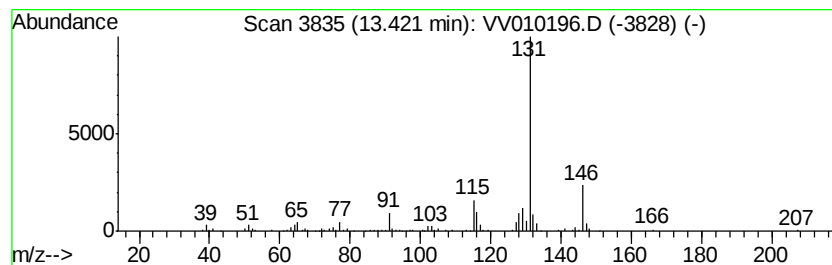
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.13 ug/L	123453	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

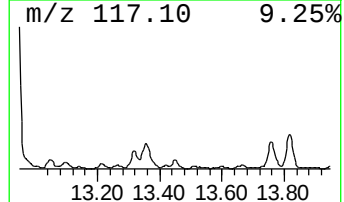
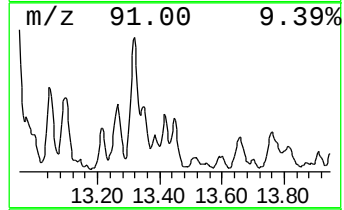
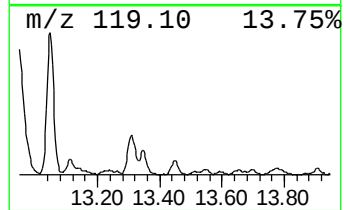
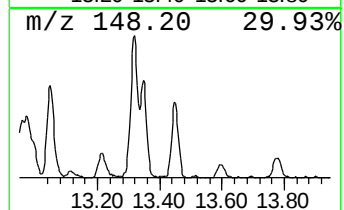
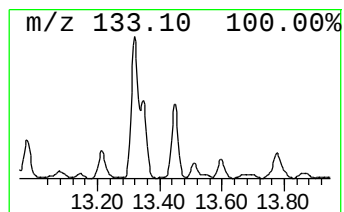
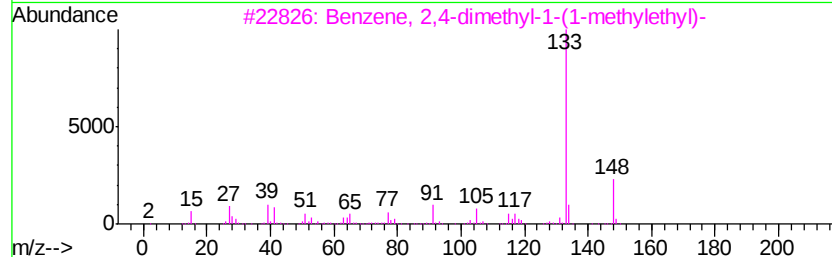
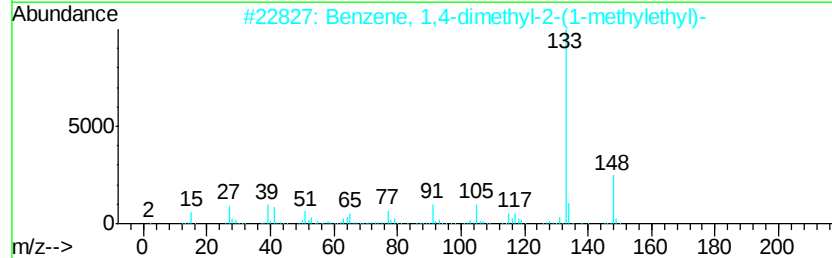
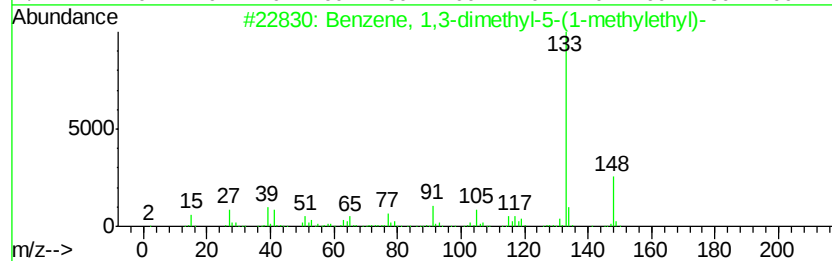
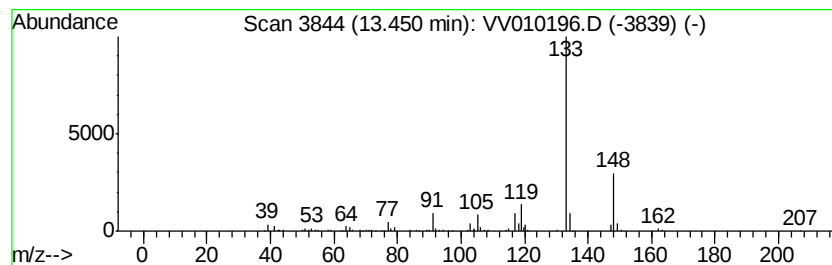
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	7.45 ug/L	179262	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	87
2		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	86
3		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	80
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	78
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

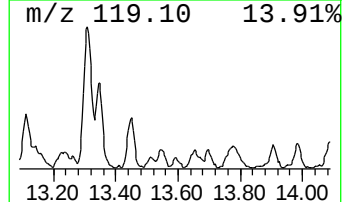
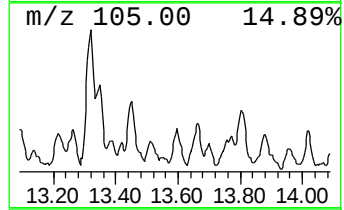
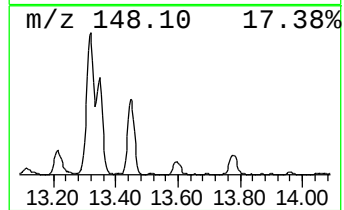
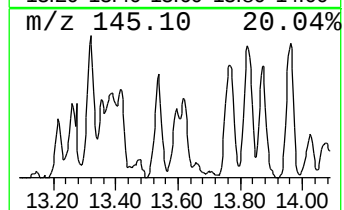
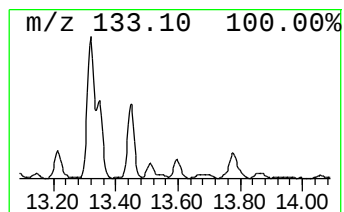
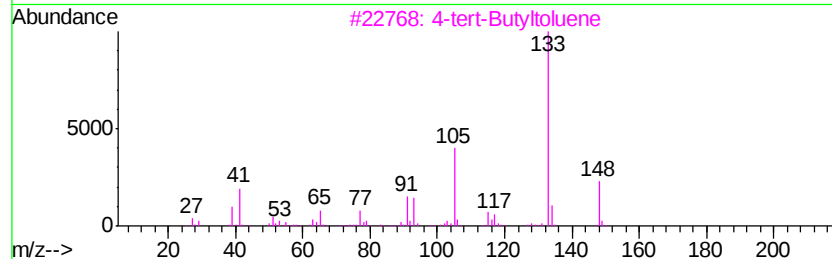
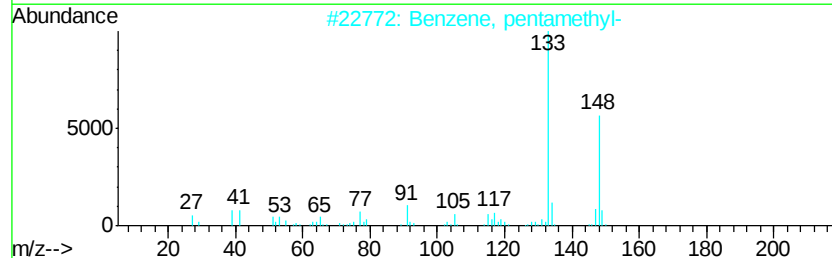
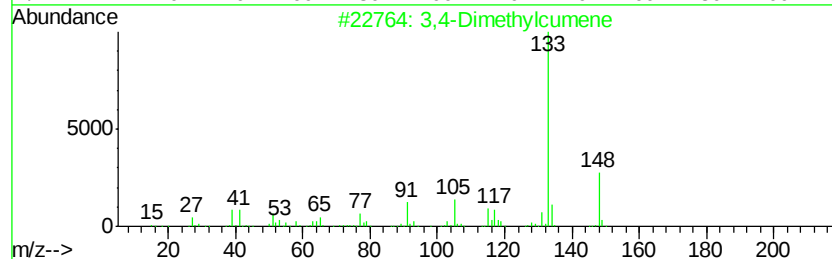
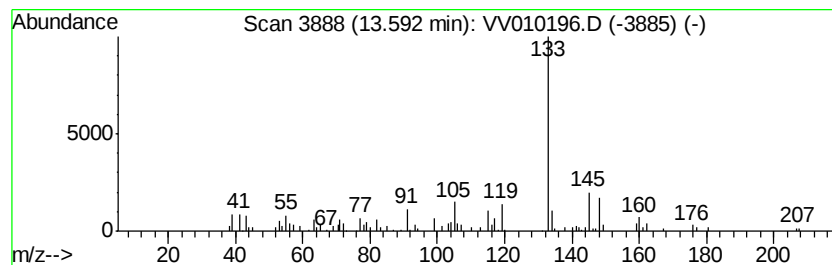
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 3,4-Dimethylcumene Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.71 ug/L	65210	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	64
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	64
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010196.D
Acq On : 09 Apr 2019 01:29
Operator : SY/MD
Sample : K2254-08
Misc : 4.68G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC29

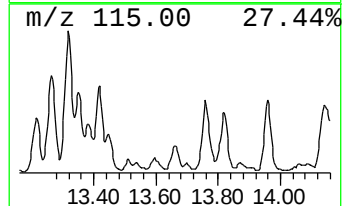
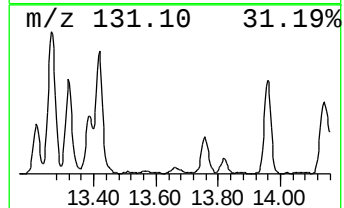
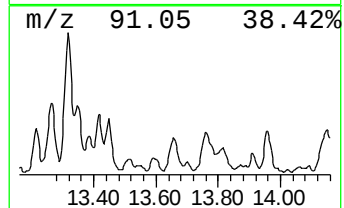
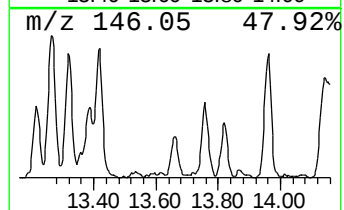
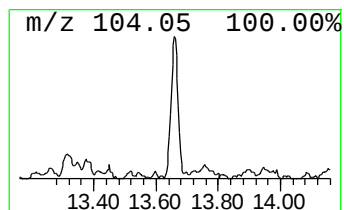
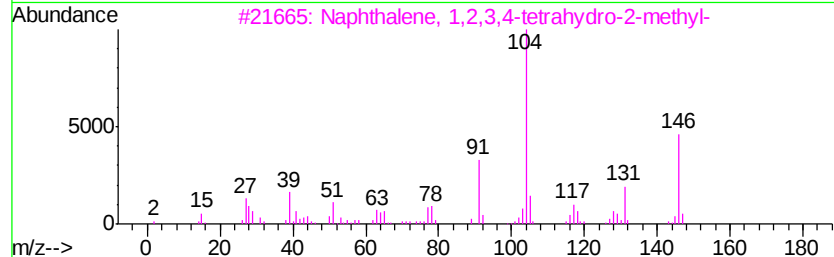
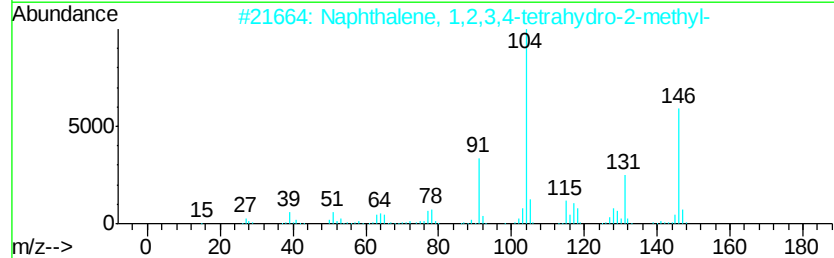
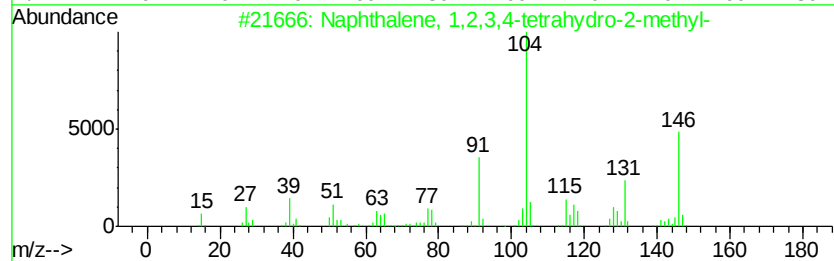
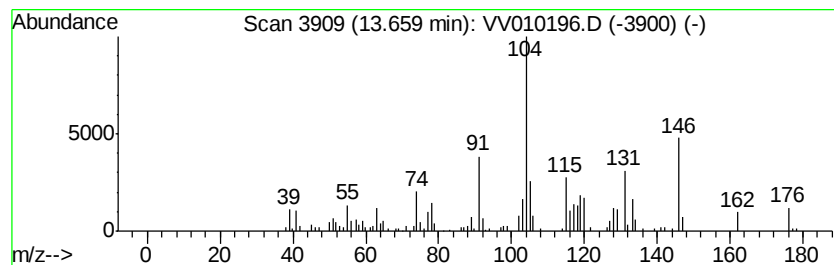
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 Naphthalene, 1,2,3,4-tetra... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	4.28 ug/L	102867	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	92
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	70
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	58
5			7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
 Data File : VV010196.D
 Acq On : 09 Apr 2019 01:29
 Operator : SY/MD
 Sample : K2254-08
 Misc : 4.68G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC29

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.63	5.6	ug/L	199283	1	5.66	895604	25.0
(DEL) Alkane: Str...	1.81	7.1	ug/L	254616	1	5.66	895604	25.0
(DEL) Alkane: Cyc...	2.03	2.0	ug/L	70770	1	5.66	895604	25.0
(DEL) Alkane: Cyc...	2.60	6.0	ug/L	215797	1	5.66	895604	25.0
(DEL) Alkane: Str...	2.78	8.7	ug/L	310247	1	5.66	895604	25.0
(DEL) Alkane: Str...	3.06	10.1	ug/L	361244	1	5.66	895604	25.0
(DEL) Alkane: Cyc...	3.30	1.9	ug/L	66408	1	5.66	895604	25.0
(DEL) Alkane: Cyc...	3.80	10.6	ug/L	378811	1	5.66	895604	25.0
(DEL) Alkane: Str...	4.80	6.2	ug/L	221944	1	5.66	895604	25.0
(DEL) Alkane: Str...	4.95	13.4	ug/L	479375	1	5.66	895604	25.0
(DEL) Alkane: Cyc...	5.22	3.8	ug/L	135791	1	5.66	895604	25.0
(DEL) Alkane: Str...	5.28	9.6	ug/L	343521	1	5.66	895604	25.0
(DEL) Alkane: Cyc...	5.36	5.1	ug/L	182333	1	5.66	895604	25.0
(DEL) Alkane: Str...	5.53	9.7	ug/L	348553	1	5.66	895604	25.0
(DEL) Alkane: Str...	6.24	2.1	ug/L	74181	1	5.66	895604	25.0
(DEL) Alkane: Str...	6.30	2.4	ug/L	85358	1	5.66	895604	25.0
Propane, 2-methyl...	6.43	7.5	ug/L	267195	1	5.66	895604	25.0
(DEL) Alkane: Cyc...	6.50	1.9	ug/L	66412	1	5.66	895604	25.0
(DEL) Alkane: Str...	6.69	6.5	ug/L	233643	1	5.66	895604	25.0
(DEL) Alkane: Str...	6.82	10.2	ug/L	364965	1	5.66	895604	25.0
(DEL) Alkane: Str...	6.96	3.8	ug/L	134576	1	5.66	895604	25.0
(DEL) Alkane: Str...	7.12	4.5	ug/L	161574	1	5.66	895604	25.0
Cyclohexane, meth...	7.21	2.3	ug/L	83509	1	5.66	895604	25.0
(DEL) Alkane: Str...	7.61	6.1	ug/L	181038	2	8.89	736759	25.0
(DEL) Alkane: Cyc...	8.27	3.4	ug/L	101192	2	8.89	736759	25.0
(DEL) Alkane: Str...	8.71	3.4	ug/L	99309	2	8.89	736759	25.0
(DEL) Alkane: Str...	8.83	3.1	ug/L	90317	2	8.89	736759	25.0
(DEL) Alkane: Str...	9.24	5.9	ug/L	173121	2	8.89	736759	25.0
Benzene, propyl-	10.40	88.6	ug/L	2131420	3	11.30	601328	25.0
Benzene, 1-ethyl-...	10.49	374.5	ug/L	9008150	3	11.30	601328	25.0
Benzene, 1-ethyl-...	10.78	129.1	ug/L	3106210	3	11.30	601328	25.0
Benzene, (2-methy...	11.10	8.7	ug/L	208832	3	11.30	601328	25.0
Benzene, 1-methyl...	11.13	10.0	ug/L	239803	3	11.30	601328	25.0
Benzene, 1,2,3-tr...	11.38	176.0	ug/L	4232680	3	11.30	601328	25.0
Indane	11.58	99.7	ug/L	2398170	3	11.30	601328	25.0
Benzene, 1-methyl...	11.62	74.8	ug/L	1799690	3	11.30	601328	25.0
Benzene, 1,2-diet...	11.79	8.0	ug/L	192699	3	11.30	601328	25.0
Benzene, 2-ethyl-...	11.96	71.1	ug/L	1710790	3	11.30	601328	25.0
o-Cymene	11.99	59.2	ug/L	1422900	3	11.30	601328	25.0
Benzene, 1-etheny...	12.16	49.5	ug/L	1189960	3	11.30	601328	25.0
Benzene, 4-ethyl-...	12.36	28.4	ug/L	683672	3	11.30	601328	25.0
Benzene, 1,2,3,4-...	12.46	78.7	ug/L	1893890	3	11.30	601328	25.0
Benzene, 1-methyl...	12.60	10.0	ug/L	241545	3	11.30	601328	25.0
Benzene, 1,3-diet...	12.63	4.8	ug/L	115537	3	11.30	601328	25.0
2,2-Dimethylinden...	12.73	2.9	ug/L	69448	3	11.30	601328	25.0
Benzene, 1-etheny...	12.77	40.8	ug/L	981099	3	11.30	601328	25.0
Benzene, (1-ethyl...	12.84	5.7	ug/L	137751	3	11.30	601328	25.0
Benzene, 2-etheny...	12.93	106.5	ug/L	2560940	3	11.30	601328	25.0
Naphthalene, 1,2,...	13.10	6.2	ug/L	149678	3	11.30	601328	25.0

Benzene, (1,2-dim...	13.22	8.5 ug/L	204859	3	11.30	601328	25.0
Benzene, (3-methy...	13.26	9.8 ug/L	234427	3	11.30	601328	25.0
Benzene, pentamet...	13.32	22.3 ug/L	535819	3	11.30	601328	25.0
1H-Indene, 2,3-di...	13.42	5.1 ug/L	123453	3	11.30	601328	25.0
Benzene, 1,3-dime...	13.45	7.5 ug/L	179262	3	11.30	601328	25.0
3,4-Dimethylcumene	13.59	2.7 ug/L	65210	3	11.30	601328	25.0
Naphthalene, 1,2,...	13.66	4.3 ug/L	102867	3	11.30	601328	25.0

Instrument :
MSVOA_V
ClientSampleId :
BFC29