

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011092.D
 Acq On : 29 May 2019 06:24
 Operator : SY/MD
 Sample : K3016-21
 Misc : 4.78G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D8

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\SOM2VLM052819S.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	1.203	29	35	45	rBV5	26871	42056	1.59%	0.285%
2	1.309	61	68	75	rVB	228451	209749	7.92%	1.422%
3	1.380	85	90	99	rBV	70126	74382	2.81%	0.504%
4	1.553	138	144	155	rVB	152790	186283	7.03%	1.263%
5	1.801	217	221	229	rVB	32990	38970	1.47%	0.264%
6	2.113	309	318	331	rVB2	322704	473023	17.86%	3.208%
7	2.184	332	340	351	rVB	136022	196164	7.41%	1.330%
8	2.312	374	380	392	rVB	38866	61364	2.32%	0.416%
9	2.454	415	424	437	rVB	63450	101751	3.84%	0.690%
10	2.524	439	446	456	rVB	19188	30961	1.17%	0.210%
11	2.724	504	508	512	rVB6	1730	1291	0.05%	0.009%
12	2.987	583	590	599	rVB3	8094	13526	0.51%	0.092%
13	3.058	602	612	619	rBV4	4905	9062	0.34%	0.061%
14	3.177	641	649	650	rBV6	2424	2543	0.10%	0.017%
15	3.389	711	715	717	rBV6	1745	1107	0.04%	0.008%
16	3.679	800	805	808	rBV7	1534	1277	0.05%	0.009%
17	3.740	812	824	845	rBV2	55858	138219	5.22%	0.937%
18	3.929	871	883	904	rBV	76311	205307	7.75%	1.392%
19	4.392	1009	1027	1048	rBV	228778	557014	21.03%	3.777%
20	4.505	1054	1062	1063	rBV7	2829	3014	0.11%	0.020%
21	4.521	1063	1067	1070	rVV4	2114	2286	0.09%	0.016%
22	4.823	1158	1161	1167	rBV8	1424	1318	0.05%	0.009%
23	5.087	1224	1243	1277	rBV2	606192	1497230	56.52%	10.153%
24	5.370	1316	1331	1345	rBV3	25704	61384	2.32%	0.416%
25	5.515	1372	1376	1377	rBV3	2708	1744	0.07%	0.012%
26	5.576	1386	1395	1407	rVB2	21645	44652	1.69%	0.303%
27	5.659	1407	1421	1445	rBV	424833	853306	32.21%	5.786%
28	5.929	1501	1505	1507	rBV5	1732	1504	0.06%	0.010%
29	5.945	1507	1510	1514	rBV6	1782	1655	0.06%	0.011%
30	6.113	1545	1562	1584	rBV	344724	704211	26.59%	4.775%
31	6.325	1615	1628	1648	rBV	221811	423964	16.01%	2.875%
32	6.515	1683	1687	1690	rVB5	1627	1270	0.05%	0.009%
33	6.698	1739	1744	1752	rVB7	5215	7019	0.26%	0.048%
34	7.026	1830	1846	1866	rBV	193556	345466	13.04%	2.343%

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Integration Parameters: LSCINT.P

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Title : VOC Analysis

35	7.183	1887	1895	1906	rVB	3406	5365	0.20%	0.036%
36	7.357	1930	1949	1963	rBV	685755	1217965	45.98%	8.259%
37	7.605	2020	2026	2032	rBV7	3076	4352	0.16%	0.030%
38	7.659	2034	2043	2057	rVV	126112	207668	7.84%	1.408%
39	7.746	2062	2070	2084	rVB3	13110	23723	0.90%	0.161%
40	7.974	2133	2141	2142	rBV6	12540	12486	0.47%	0.085%
41	8.129	2176	2189	2221	rBV	297534	566999	21.41%	3.845%
42	8.280	2224	2236	2264	rBV	1637418	2648803	100.00%	17.961%
43	8.640	2345	2348	2351	rBV5	1726	1430	0.05%	0.010%
44	8.894	2405	2427	2450	rBV	587718	986295	37.24%	6.688%
45	9.055	2474	2477	2483	rVB6	1820	1862	0.07%	0.013%
46	9.187	2508	2518	2520	rBV10	4840	7057	0.27%	0.048%
47	9.354	2562	2570	2590	rVB4	21327	39912	1.51%	0.271%
48	9.537	2613	2627	2641	rBV3	51295	100163	3.78%	0.679%
49	9.749	2686	2693	2701	rBV3	8451	12856	0.49%	0.087%
50	9.849	2710	2724	2742	rBV2	103078	175399	6.62%	1.189%
51	9.997	2757	2770	2778	rBV2	10357	17742	0.67%	0.120%
52	10.077	2791	2795	2803	rVV8	2525	3747	0.14%	0.025%
53	10.158	2817	2820	2825	rBV5	1482	1474	0.06%	0.010%
54	10.260	2839	2852	2869	rVV	325680	516955	19.52%	3.505%
55	10.383	2883	2890	2891	rVV7	2370	2102	0.08%	0.014%
56	10.421	2893	2902	2911	rVB3	21093	37191	1.40%	0.252%
57	10.492	2919	2924	2927	rVB5	1384	1204	0.05%	0.008%
58	10.566	2935	2947	2956	rBV4	19203	36562	1.38%	0.248%
59	10.624	2957	2965	2973	rBV2	13184	20076	0.76%	0.136%
60	10.759	2996	3007	3014	rVV4	14775	26064	0.98%	0.177%
61	10.804	3014	3021	3032	rVV6	15051	26595	1.00%	0.180%
62	10.977	3059	3075	3093	rVB	59931	121810	4.60%	0.826%
63	11.109	3103	3116	3129	rVB	4449	12561	0.47%	0.085%
64	11.196	3133	3143	3156	rBV2	65633	105788	3.99%	0.717%
65	11.293	3161	3173	3190	rVB	372678	603746	22.79%	4.094%
66	11.428	3210	3215	3218	rBV6	1479	1638	0.06%	0.011%
67	11.575	3253	3261	3272	rBV	14303	23541	0.89%	0.160%
68	11.672	3278	3291	3303	rBV	380284	613697	23.17%	4.161%
69	11.823	3332	3338	3340	rBV6	2078	2252	0.09%	0.015%
70	11.865	3346	3351	3356	rBV8	2594	3075	0.12%	0.021%
71	11.948	3374	3377	3382	rBV6	1592	1617	0.06%	0.011%

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Integration Parameters: LSCINT.P

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72	11.987	3385	3389	3393	rBV5	1888	2098	0.08%	0.014%
73	12.055	3401	3410	3427	rVB3	28113	50953	1.92%	0.346%
74	12.292	3475	3484	3494	rBV2	11467	21510	0.81%	0.146%
75	12.392	3506	3515	3526	rBV2	39957	63224	2.39%	0.429%
76	12.720	3607	3617	3627	rBV5	11557	20415	0.77%	0.138%
77	12.791	3630	3639	3642	rBV7	4046	6547	0.25%	0.044%
78	12.932	3677	3683	3689	rBV7	3999	4988	0.19%	0.034%
79	13.000	3697	3704	3711	rBV7	2816	4382	0.17%	0.030%
80	13.186	3754	3762	3769	rBV10	10279	17405	0.66%	0.118%
81	13.370	3813	3819	3822	rBV8	1741	1741	0.07%	0.012%
82	13.485	3846	3855	3861	rBV9	8221	11610	0.44%	0.079%
83	13.553	3871	3876	3877	rBV4	1434	1137	0.04%	0.008%
84	13.630	3893	3900	3909	rBV5	7541	11390	0.43%	0.077%
85	13.791	3947	3950	3957	rVV7	2079	2876	0.11%	0.020%
86	13.820	3957	3959	3967	rVV8	1846	1843	0.07%	0.012%
87	13.878	3971	3977	3982	rVB8	3303	3923	0.15%	0.027%
88	14.006	4013	4017	4020	rBV5	1495	1204	0.05%	0.008%
89	14.083	4036	4041	4042	rBV5	2629	1844	0.07%	0.013%
90	14.145	4056	4060	4063	rBV7	1293	1119	0.04%	0.008%
91	14.228	4078	4086	4095	rBV7	7266	12498	0.47%	0.085%
92	14.382	4126	4134	4137	rBV8	4848	7247	0.27%	0.049%
93	14.691	4226	4230	4234	rBV5	1415	1333	0.05%	0.009%
94	14.746	4243	4247	4250	rBV6	1532	1133	0.04%	0.008%
95	14.797	4260	4263	4266	rBV5	1722	1326	0.05%	0.009%
96	15.161	4372	4376	4379	rBV6	1590	1116	0.04%	0.008%
97	15.305	4418	4421	4427	rVB8	1634	1542	0.06%	0.010%
98	15.591	4506	4510	4515	rBV7	1394	1581	0.06%	0.011%
99	15.791	4568	4572	4576	rBV6	2233	2102	0.08%	0.014%
100	16.482	4784	4787	4789	rBV4	2053	1354	0.05%	0.009%

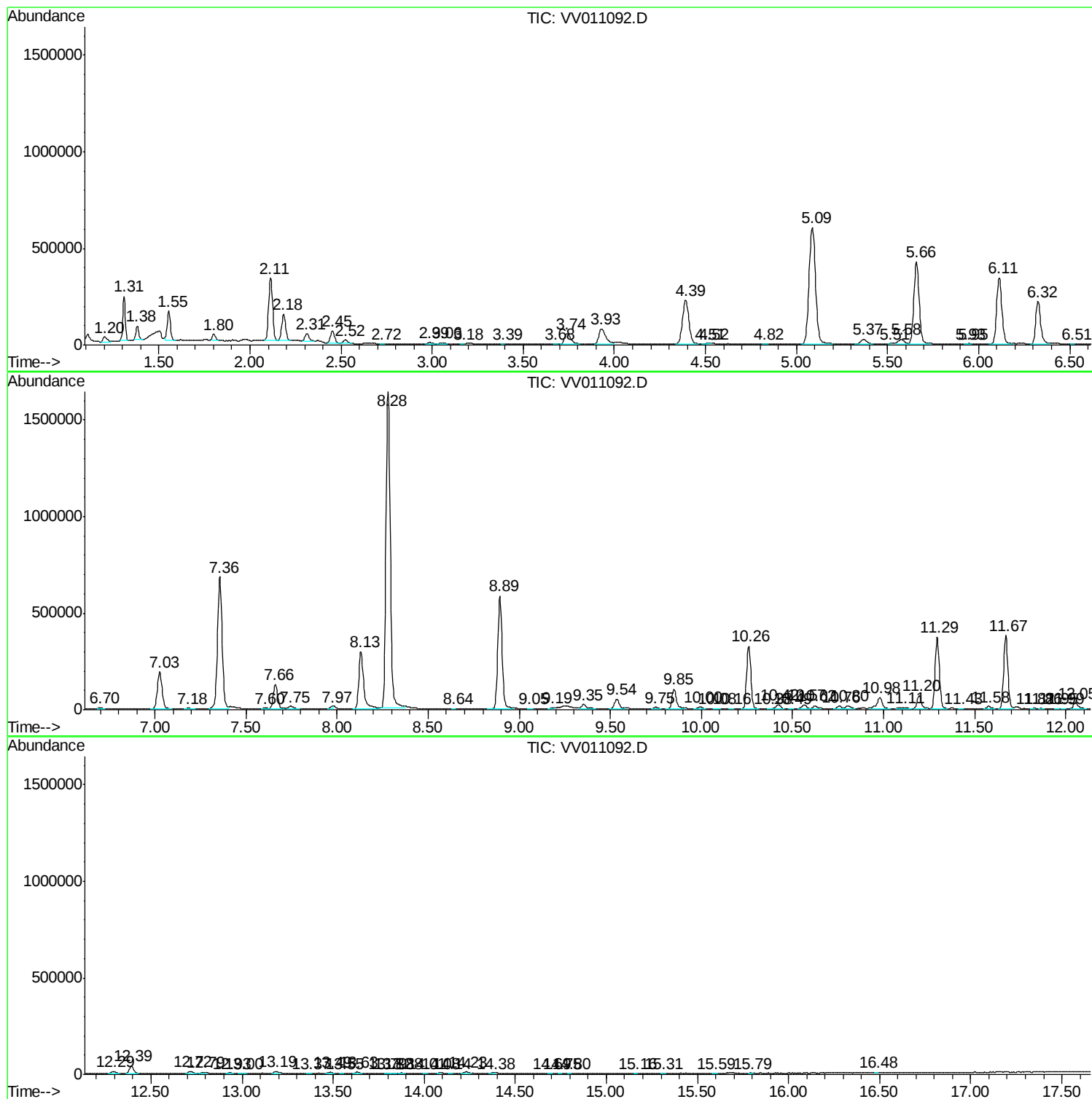
Sum of corrected areas: 14747285

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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



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Instrument :
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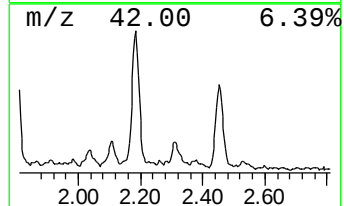
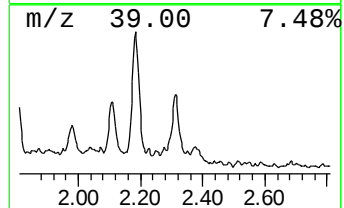
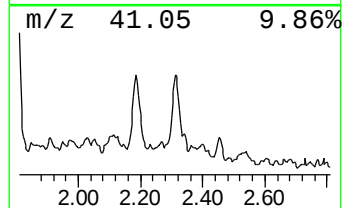
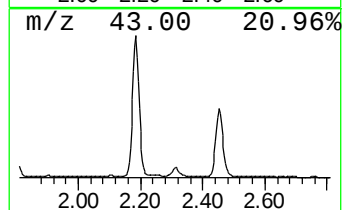
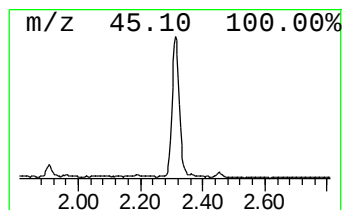
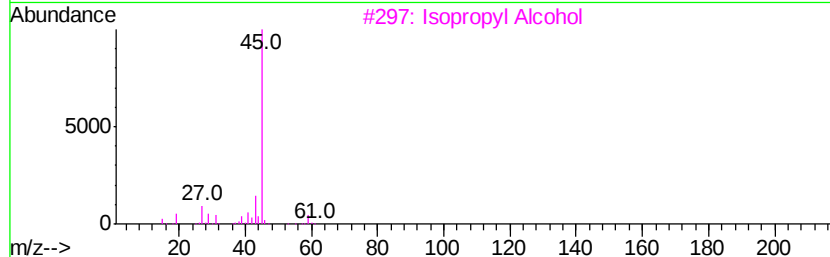
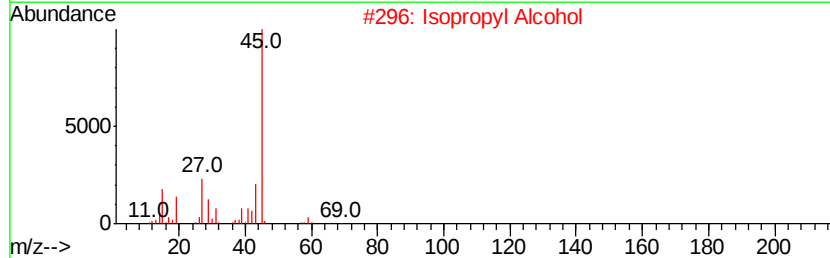
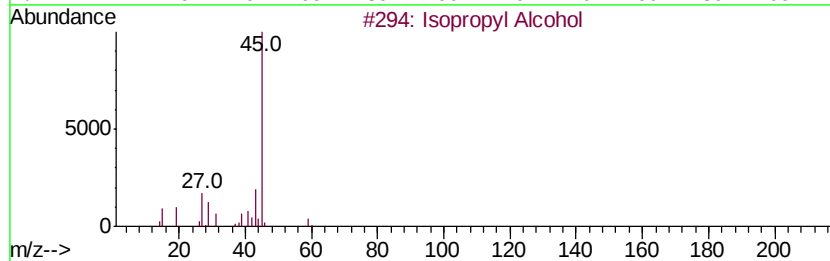
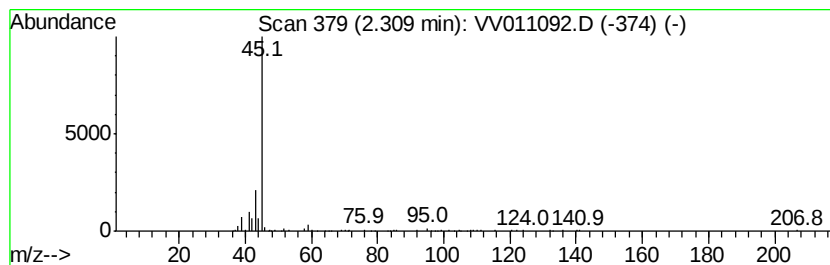
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	1.80 ug/L	61364	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5		2-Pentanol	88	C5H12O	006032-29-7	40



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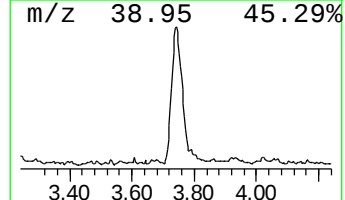
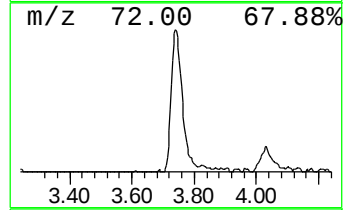
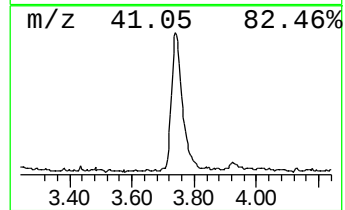
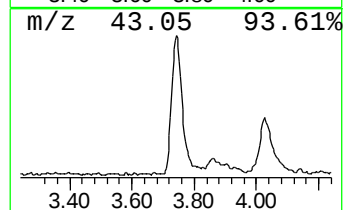
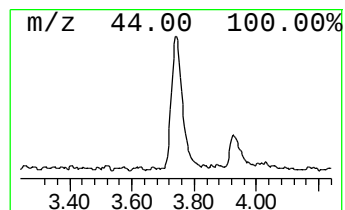
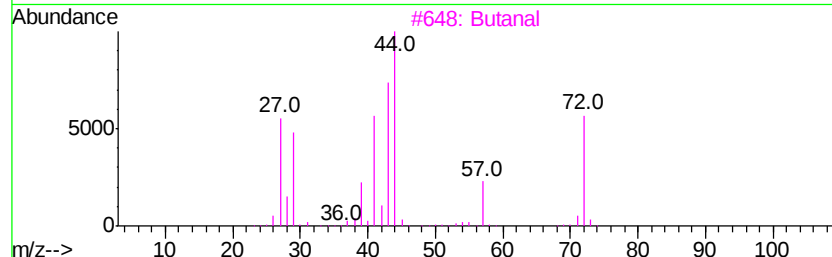
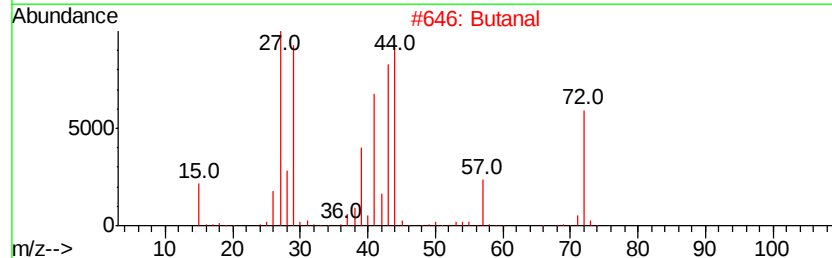
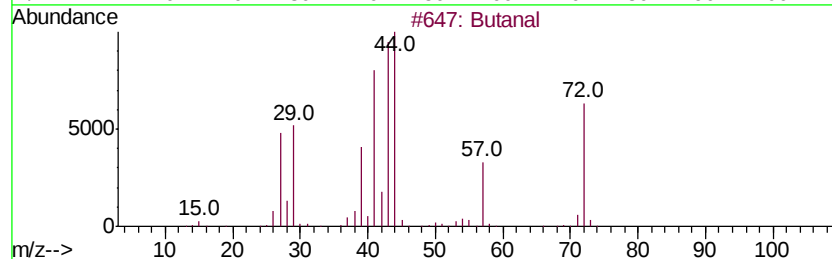
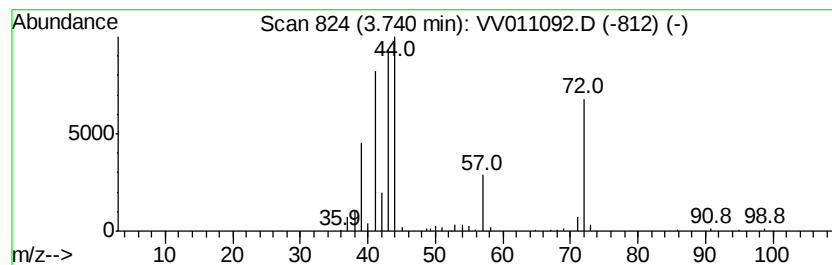
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 3 Butanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	4.05 ug/L	138219	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal		72	C4H8O	000123-72-8	94
2	Butanal		72	C4H8O	000123-72-8	91
3	Butanal		72	C4H8O	000123-72-8	64
4	Butanal		72	C4H8O	000123-72-8	53
5	Ethene, ethoxy-		72	C4H8O	000109-92-2	47



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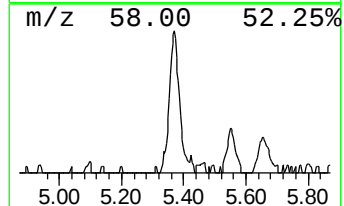
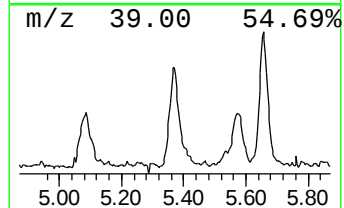
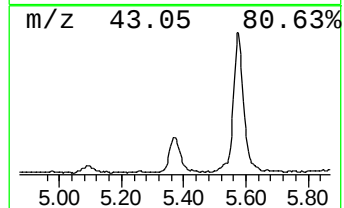
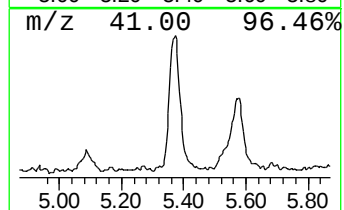
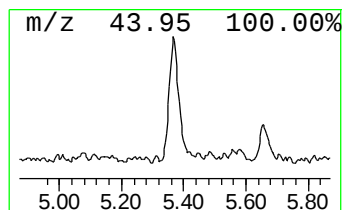
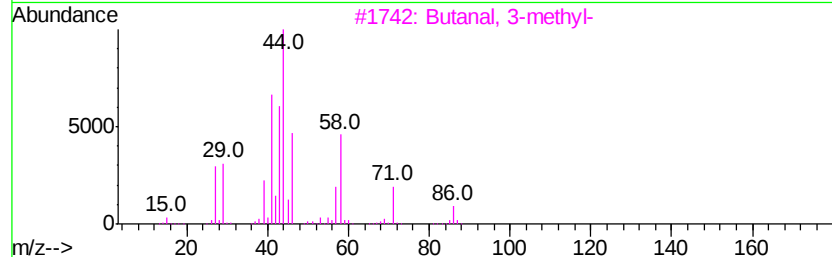
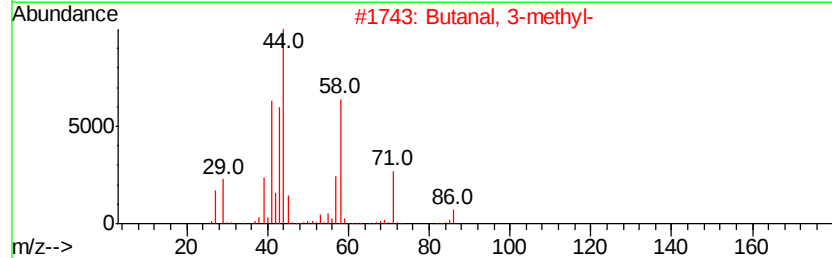
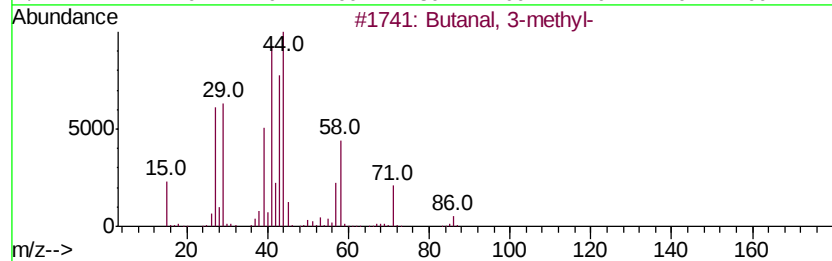
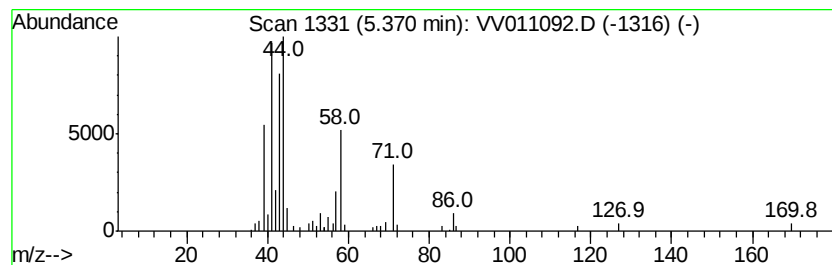
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Quant Title : VOC Analysis

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

Peak Number 4 Butanal, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	1.80 ug/L	61384	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	80
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	58
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	52
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	47
5		1,6-Diaminohexane-N,N,N',N'-tetr...	348	C14H24N2O8	001633-00-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
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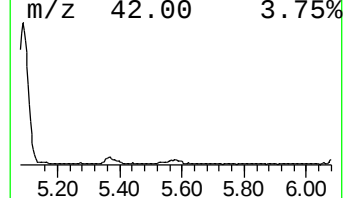
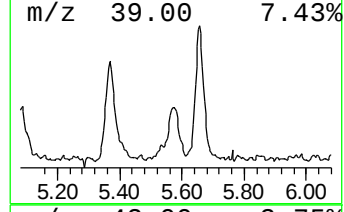
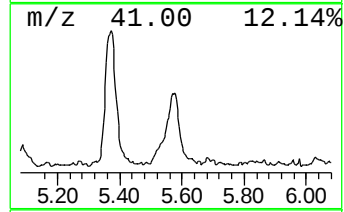
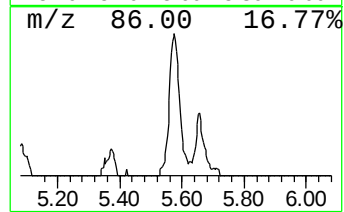
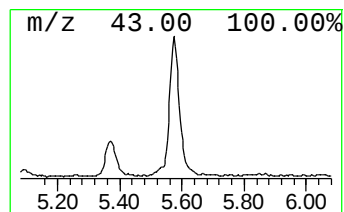
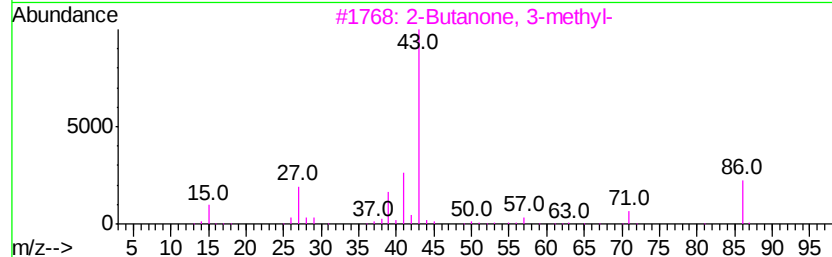
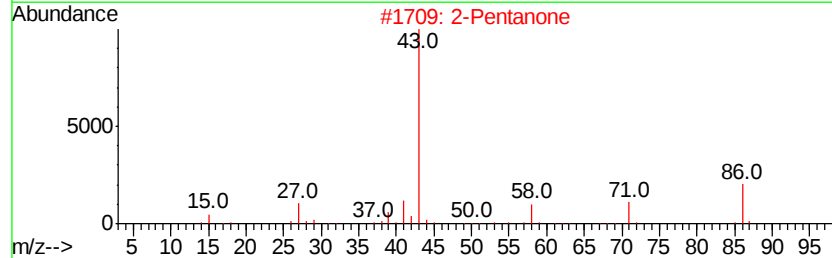
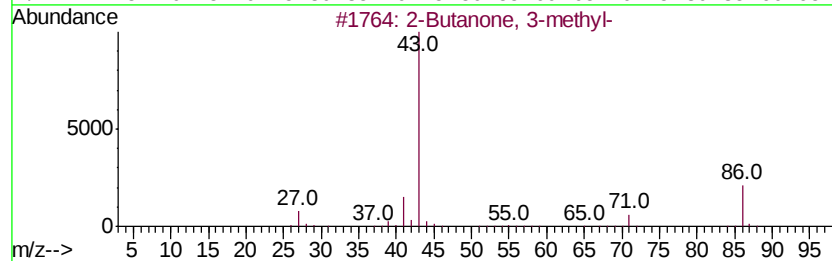
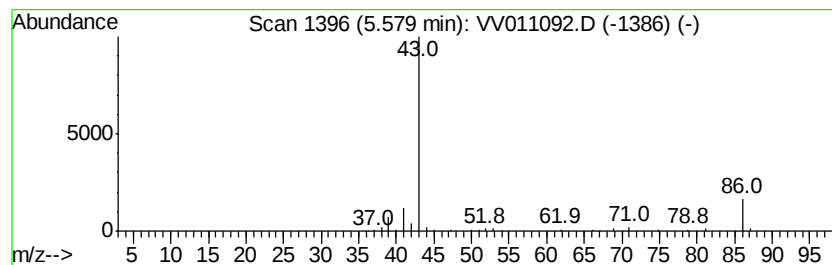
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Quant Title : VOC Analysis

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

Peak Number 5 2-Butanone, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	1.31 ug/L	44652	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
2		2-Pentanone	86	C5H10O	000107-87-9	53
3		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	36
4		2-Pentanone	86	C5H10O	000107-87-9	9
5		2,3-Butanedione	86	C4H6O2	000431-03-8	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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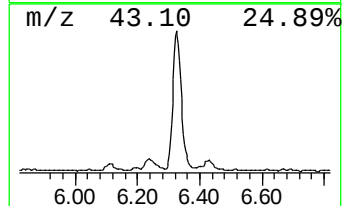
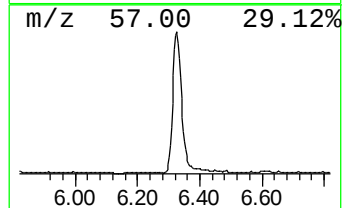
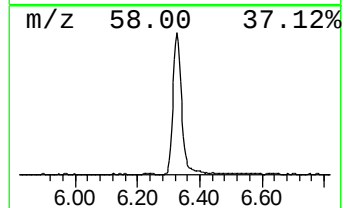
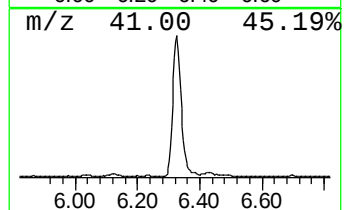
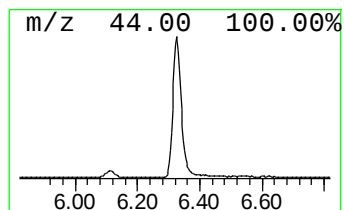
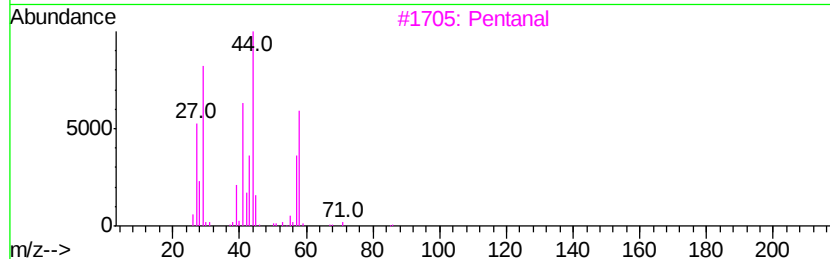
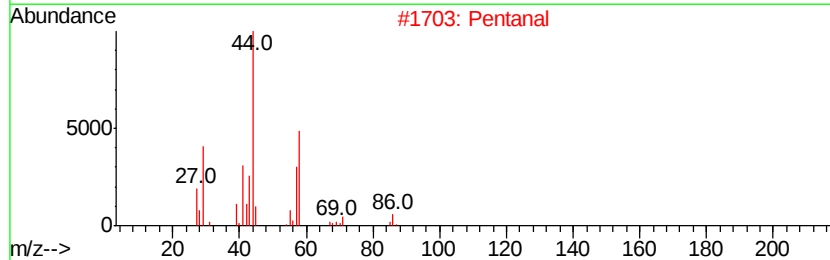
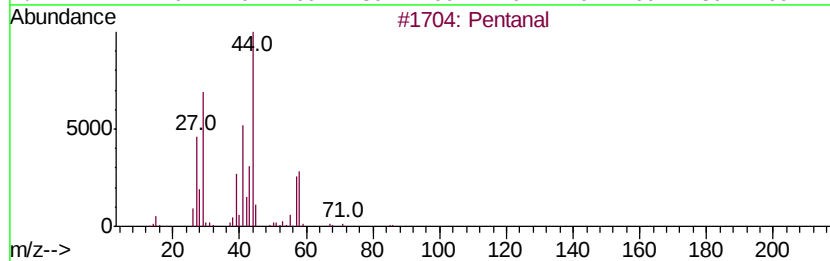
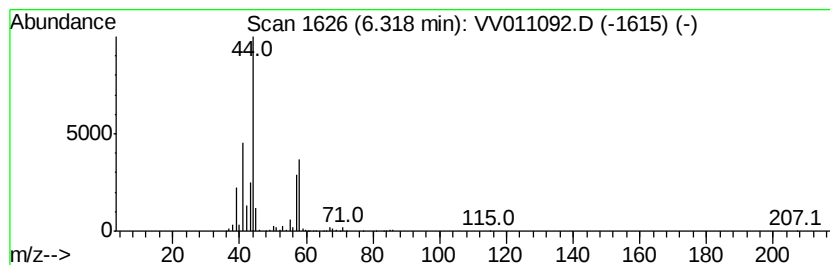
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Quant Title : VOC Analysis

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

Peak Number 6 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	12.42 ug/L	423964	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	83
2		Pentanal	86	C5H10O	000110-62-3	64
3		Pentanal	86	C5H10O	000110-62-3	52
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	50
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
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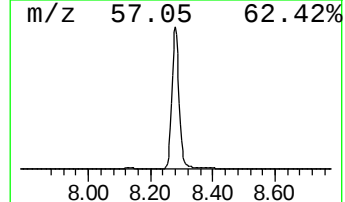
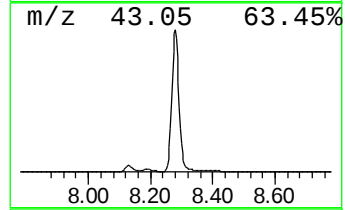
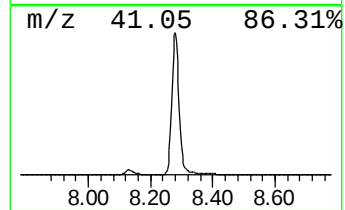
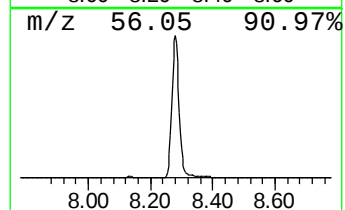
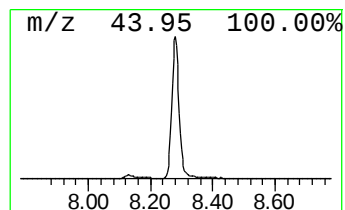
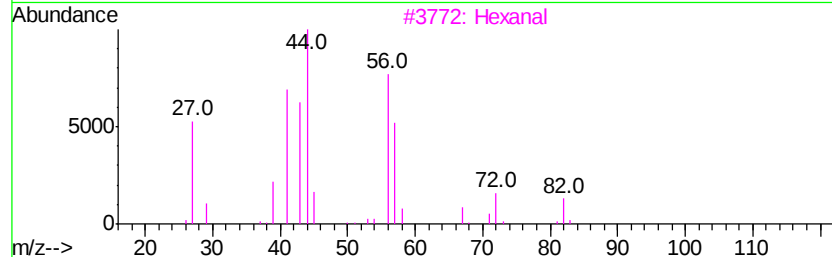
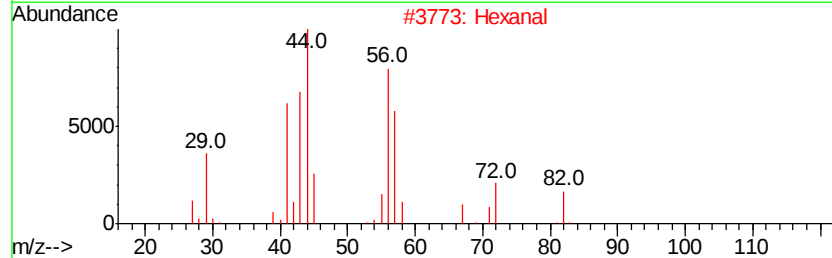
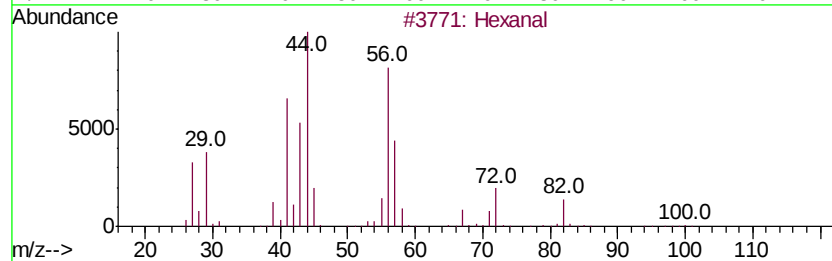
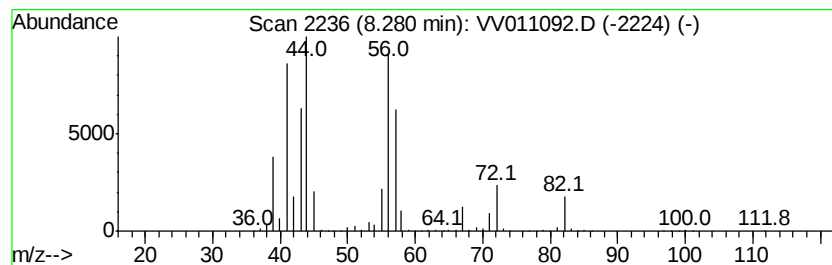
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Quant Title : VOC Analysis

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

Peak Number 8 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	67.14 ug/L	2648800	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	80
2		Hexanal	100	C6H12O	000066-25-1	80
3		Hexanal	100	C6H12O	000066-25-1	80
4		Hexanal	100	C6H12O	000066-25-1	72
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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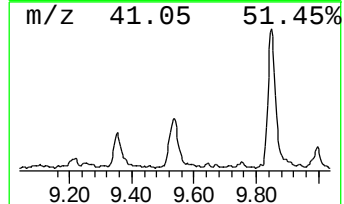
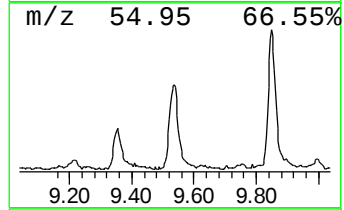
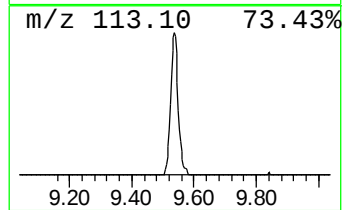
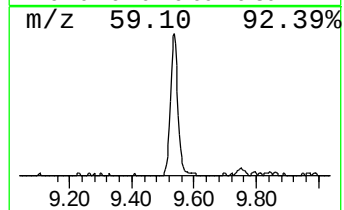
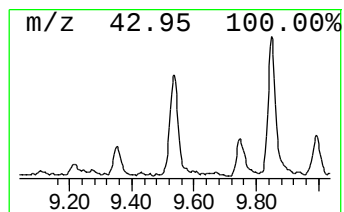
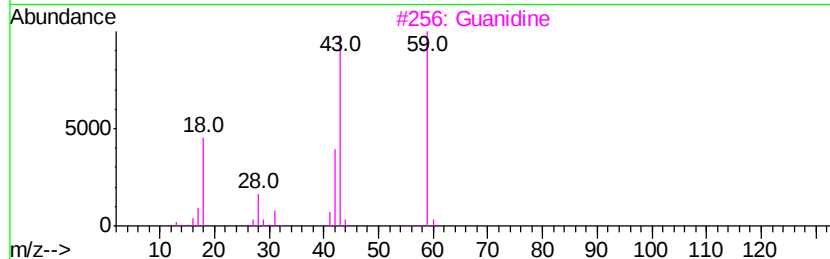
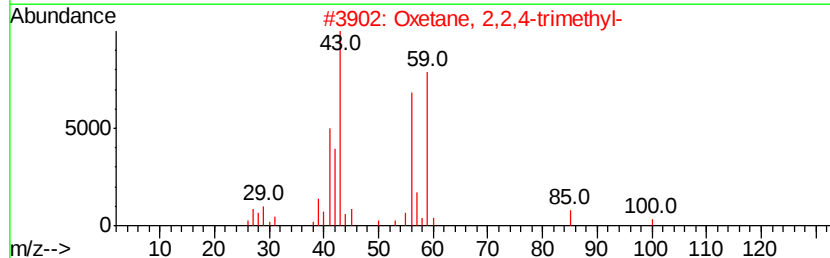
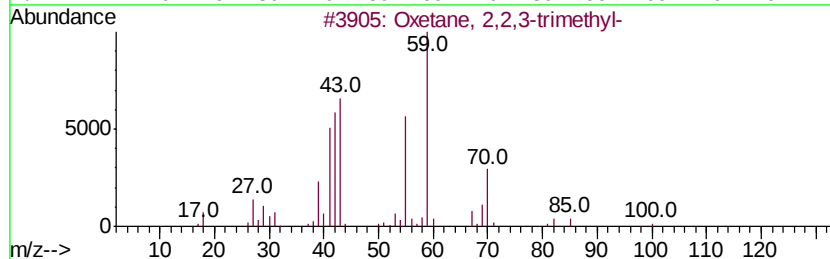
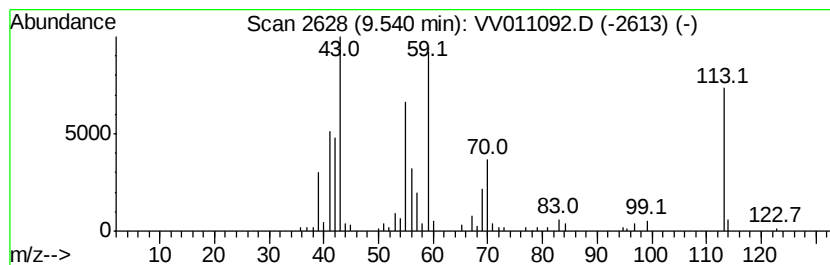
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Quant Title : VOC Analysis

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

Peak Number 9 Oxetane, 2,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	2.54 ug/L	100163	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxetane, 2,2,3-trimethyl-	100	C6H12O	023120-43-6	50
2		Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	38
3		Guanidine	59	CH5N3	000113-00-8	38
4		4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	38
5		Guanidine	59	CH5N3	000113-00-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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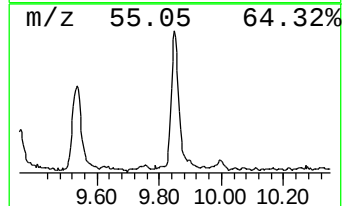
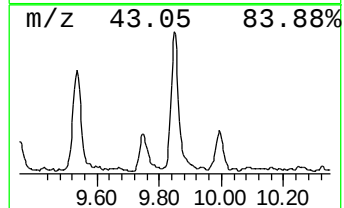
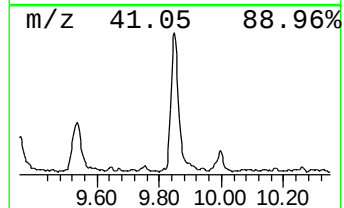
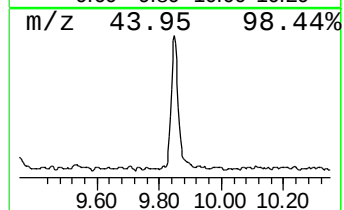
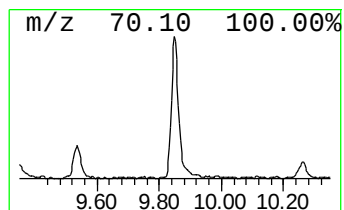
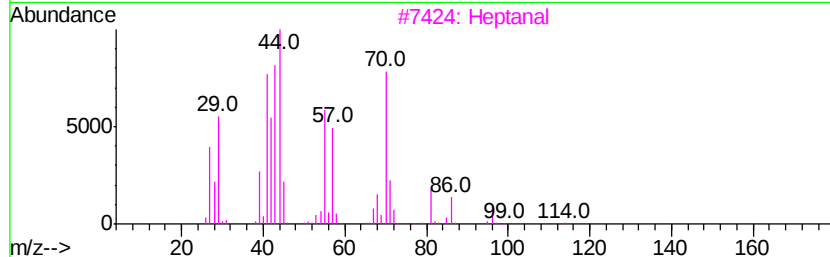
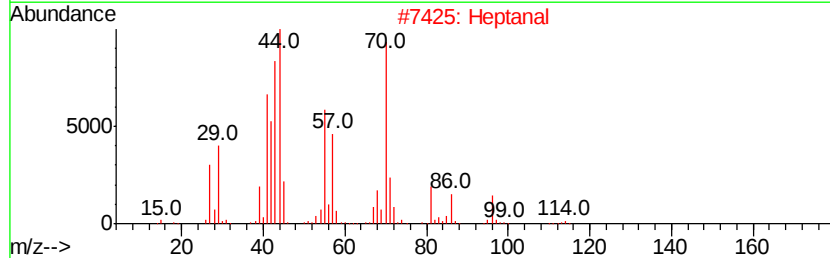
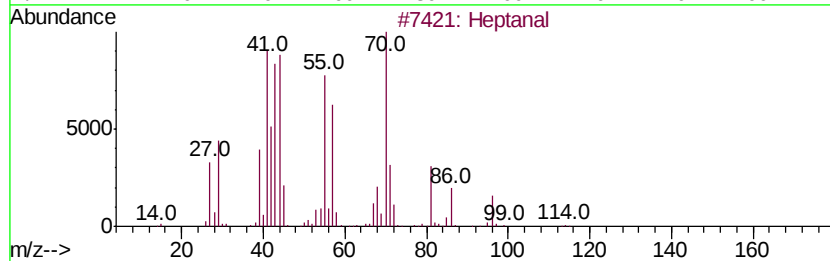
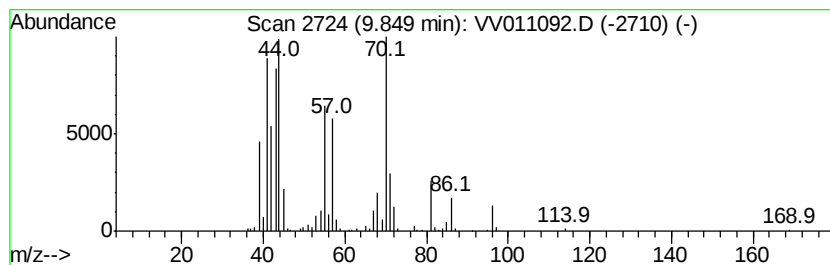
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Quant Title : VOC Analysis

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

Peak Number 10 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.45 ug/L	175399	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	98
2	Heptanal		114	C7H14O	000111-71-7	97
3	Heptanal		114	C7H14O	000111-71-7	83
4	1-Butanamine, 3-methyl-		87	C5H13N	000107-85-7	45
5	Heptanal		114	C7H14O	000111-71-7	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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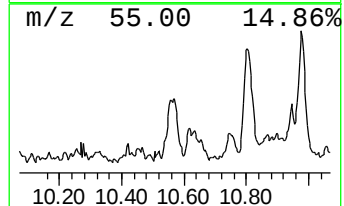
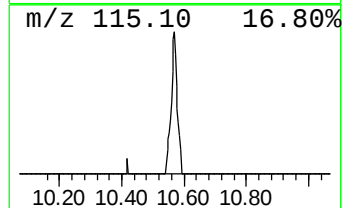
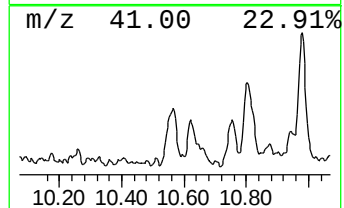
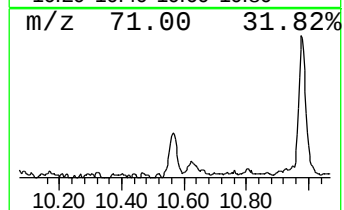
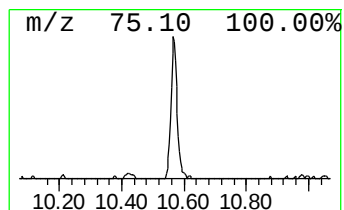
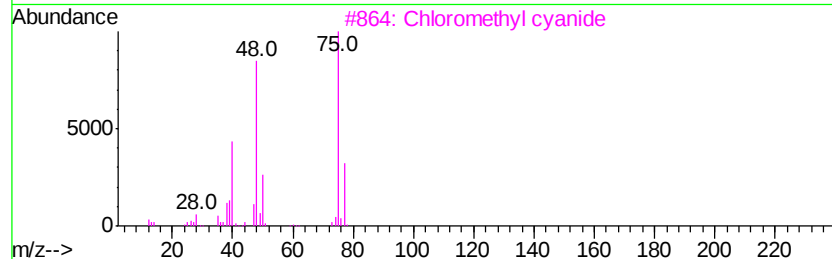
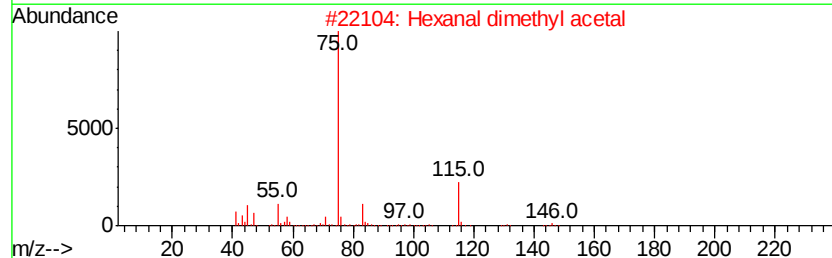
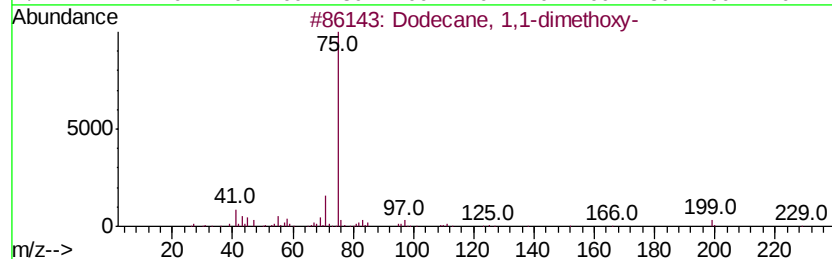
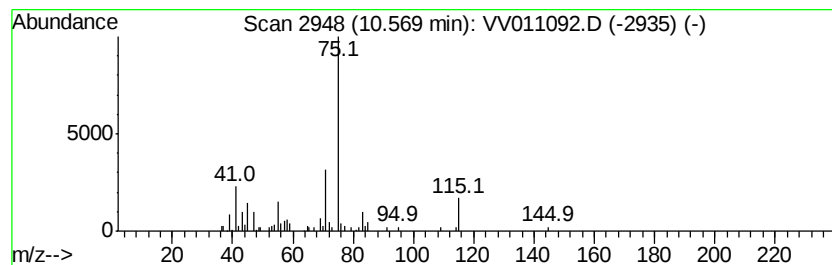
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Quant Title : VOC Analysis

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

Peak Number 12 Dodecane, 1,1-dimethoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	1.51 ug/L	36562	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1,1-dimethoxy-	230	C14H30O2	014620-52-1	59
2			Hexanal dimethyl acetal	146	C8H18O2	001599-47-9	59
3			Chloromethyl cyanide	75	C2H2ClN	000107-14-2	47
4			Chloromethyl cyanide	75	C2H2ClN	000107-14-2	47
5			Octanal dimethyl acetal	174	C10H22O2	010022-28-3	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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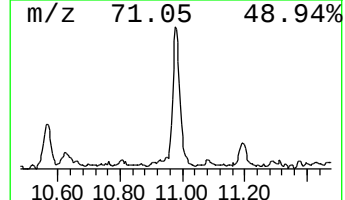
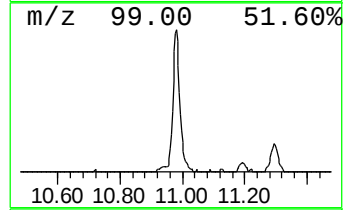
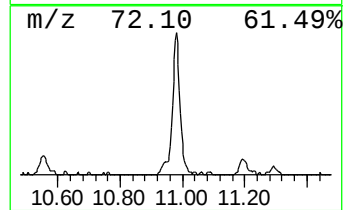
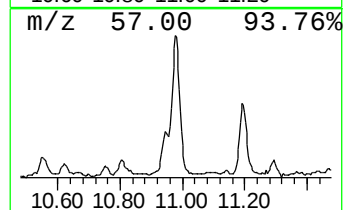
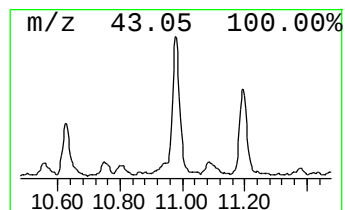
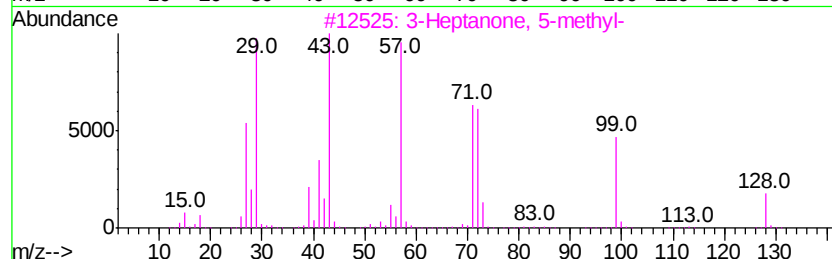
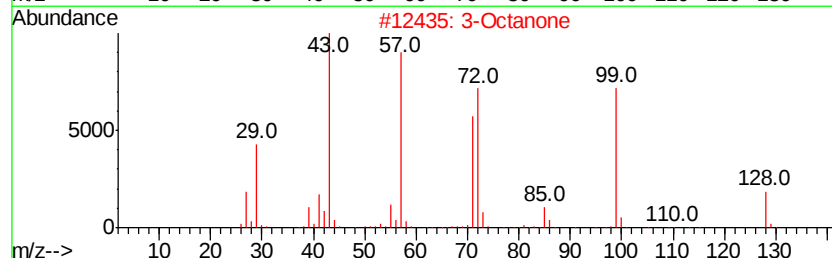
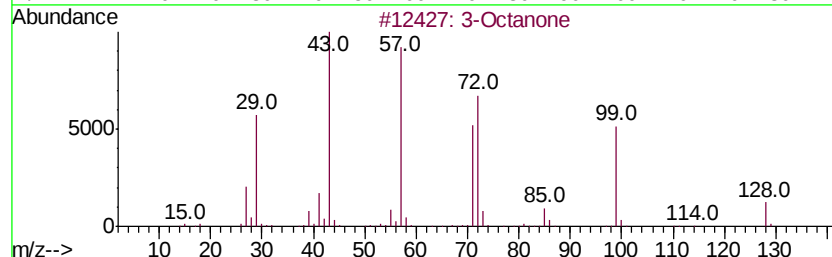
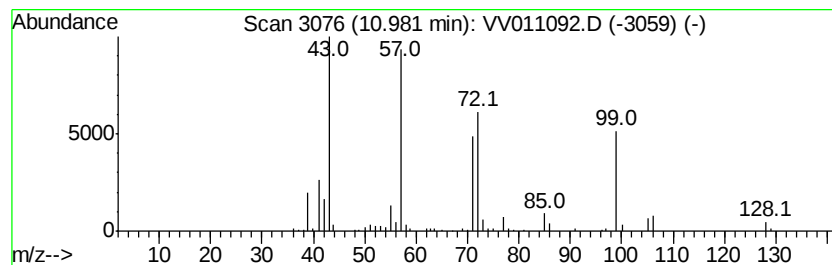
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Quant Title : VOC Analysis

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

Peak Number 13 3-Octanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	5.04 ug/L	121810	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanone	128	C8H16O	000106-68-3	91
2		3-Octanone	128	C8H16O	000106-68-3	91
3		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
4		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	50
5		3-Octanone	128	C8H16O	000106-68-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

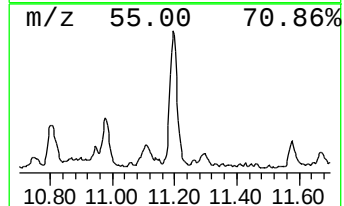
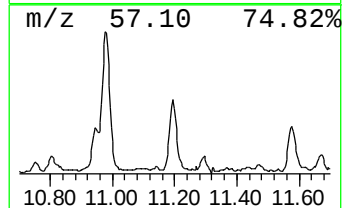
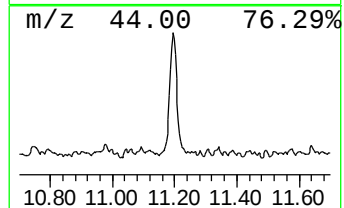
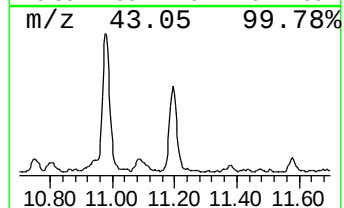
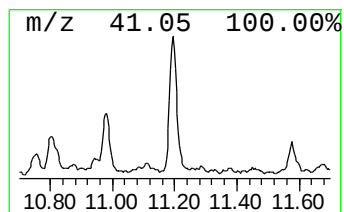
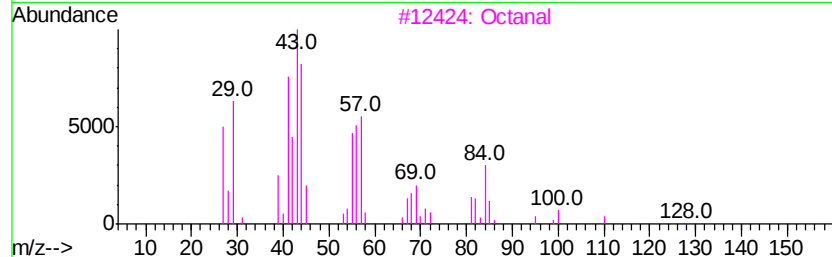
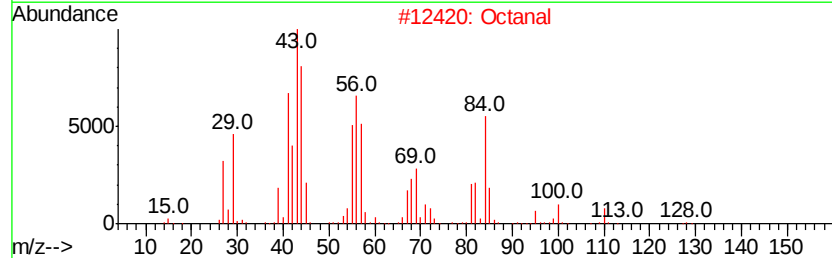
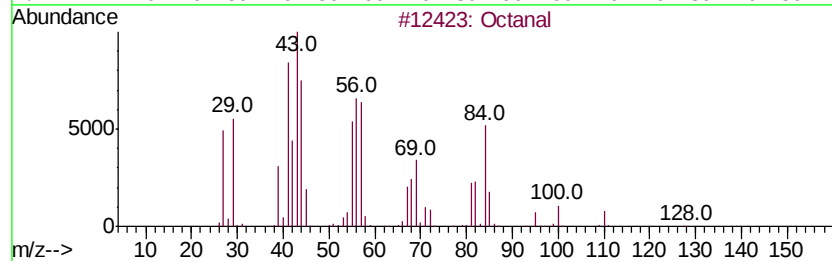
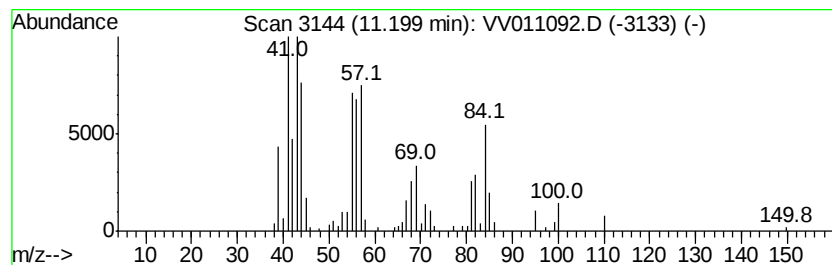
Instrument :
MSVOA_V
ClientSampleId :
A51D8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

Peak Number 14 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	4.38 ug/L	105788	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octanal		128 C8H16O	000124-13-0 91
2	Octanal		128 C8H16O	000124-13-0 91
3	Octanal		128 C8H16O	000124-13-0 78
4	Octanal		128 C8H16O	000124-13-0 72
5	2-Propanone, dimethylhydrazone		100 C5H12N2	013483-31-3 52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D8

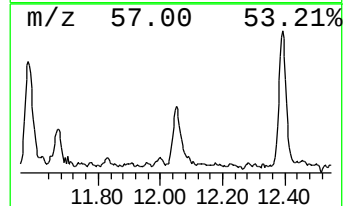
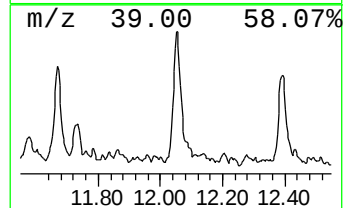
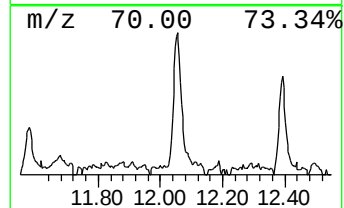
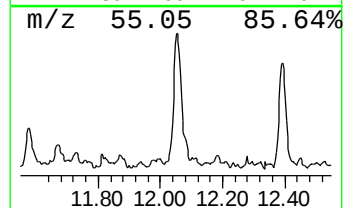
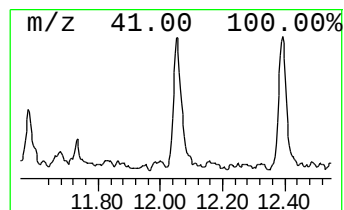
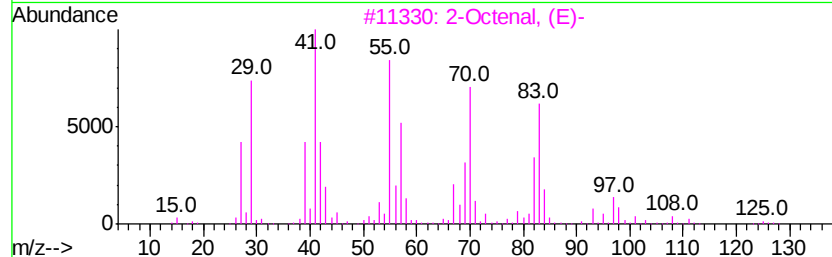
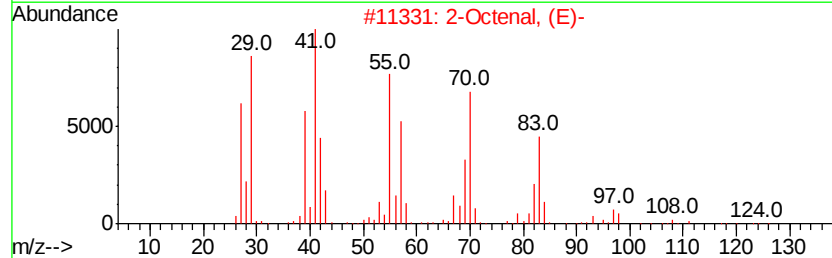
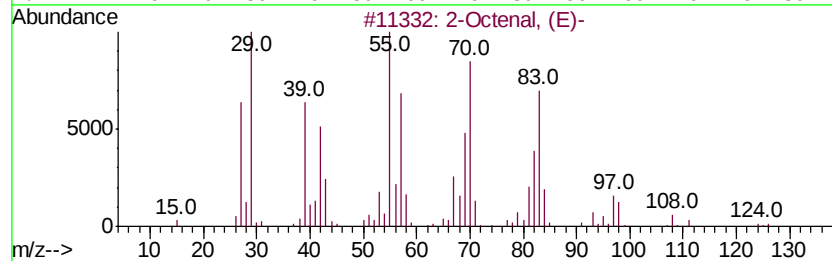
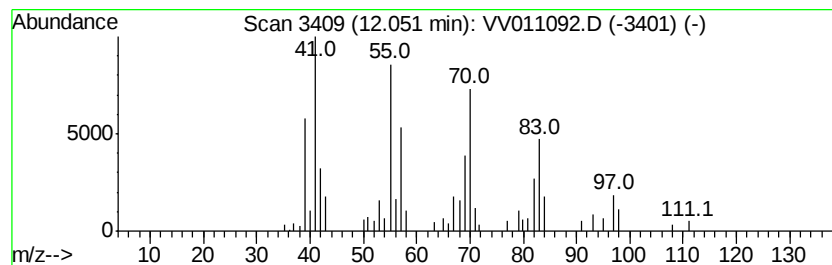
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Quant Title : VOC Analysis

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

Peak Number 15 2-Octenal, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.11 ug/L	50953	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octenal, (E)-	126	C8H14O	002548-87-0	90
2		2-Octenal, (E)-	126	C8H14O	002548-87-0	90
3		2-Octenal, (E)-	126	C8H14O	002548-87-0	72
4		2-n-Butylacrolein	112	C7H12O	001070-66-2	53
5		2-Decenal, (Z)-	154	C10H18O	002497-25-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D8

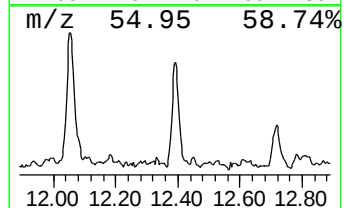
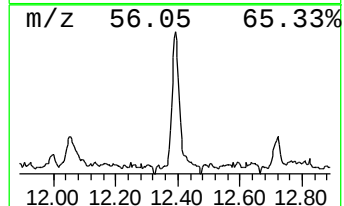
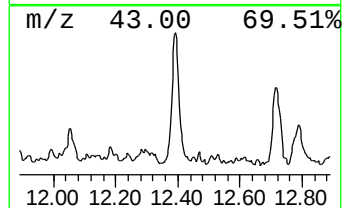
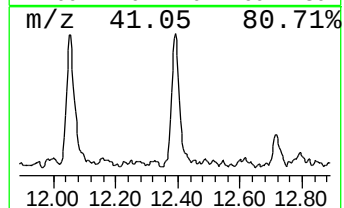
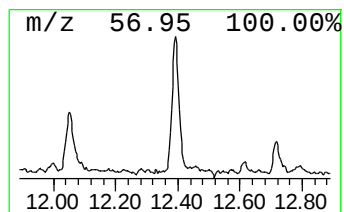
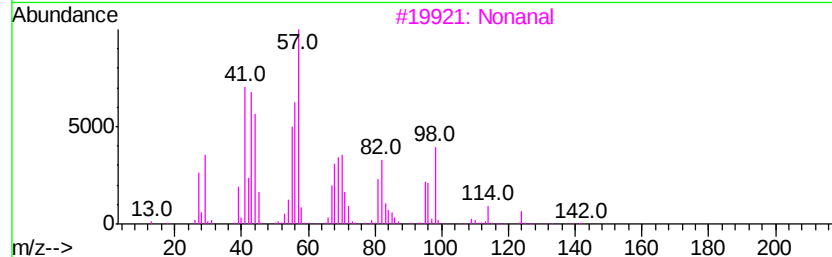
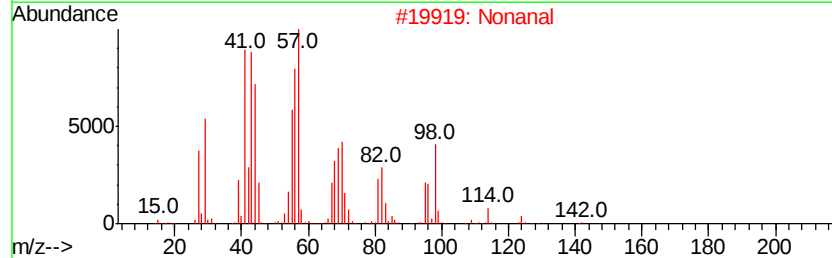
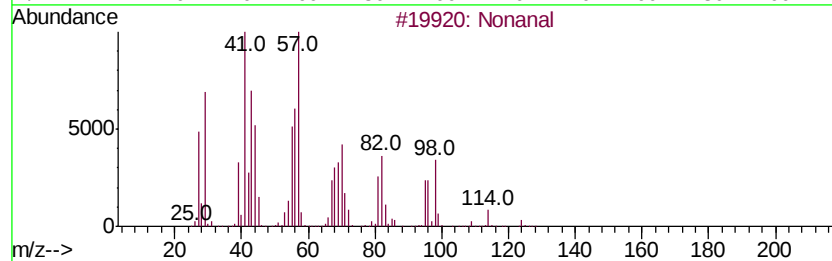
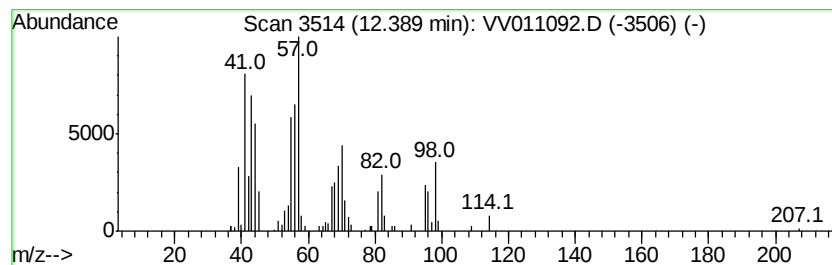
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Quant Title : VOC Analysis

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

Peak Number 16 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.62 ug/L	63224	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	91
3		Nonanal	142	C9H18O	000124-19-6	80
4		Cycloheptane	98	C7H14	000291-64-5	41
5		Cycloheptane	98	C7H14	000291-64-5	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.31	1.8	ug/L	61364	1	5.66	853306	25.0
Butanal	3.74	4.0	ug/L	138219	1	5.66	853306	25.0
Butanal, 3-methyl-	5.37	1.8	ug/L	61384	1	5.66	853306	25.0
2-Butanone, 3-met...	5.58	1.3	ug/L	44652	1	5.66	853306	25.0
Pentanal	6.32	12.4	ug/L	423964	1	5.66	853306	25.0
Hexanal	8.28	67.1	ug/L	2648800	2	8.89	986295	25.0
Oxetane, 2,2,3-tr...	9.54	2.5	ug/L	100163	2	8.89	986295	25.0
Heptanal	9.85	4.5	ug/L	175399	2	8.89	986295	25.0
Dodecane, 1,1-dim...	10.57	1.5	ug/L	36562	3	11.29	603746	25.0
3-Octanone	10.98	5.0	ug/L	121810	3	11.29	603746	25.0
Octanal	11.20	4.4	ug/L	105788	3	11.29	603746	25.0
2-Octenal, (E)-	12.05	2.1	ug/L	50953	3	11.29	603746	25.0
Nonanal	12.39	2.6	ug/L	63224	3	11.29	603746	25.0