

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
 Data File : VU031529.D
 Acq On : 26 Apr 2019 13:48
 Operator : JC/SP
 Sample : K2481-22ME 5X
 Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX5ME

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_U\METHOD\SOMULM042719WMA.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	1.180	24	28	34	rVB2	18923	16981	0.02%	0.005%
2	1.395	88	95	104	rBV	133864	152009	0.16%	0.043%
3	1.678	177	183	193	rBV	139935	172611	0.18%	0.049%
4	2.264	357	365	380	rVB	209266	325787	0.34%	0.092%
5	2.469	424	429	433	rBV3	2339	2672	0.00%	0.001%
6	2.588	462	466	470	rBV5	1291	1403	0.00%	0.000%
7	2.891	557	560	566	rVB5	1298	1442	0.00%	0.000%
8	2.977	585	587	590	rVB3	1509	1108	0.00%	0.000%
9	3.373	706	710	714	rVV3	1700	1345	0.00%	0.000%
10	3.714	810	816	818	rBV4	1340	1164	0.00%	0.000%
11	3.784	833	838	843	rBV6	2168	2600	0.00%	0.001%
12	3.990	898	902	907	rBV5	1099	1181	0.00%	0.000%
13	4.103	933	937	944	rBV4	1592	1827	0.00%	0.001%
14	4.199	952	967	1011	rBV	251656	954236	0.99%	0.270%
15	4.643	1088	1105	1126	rVV	334840	801448	0.83%	0.227%
16	4.878	1172	1178	1179	rBV5	3214	2285	0.00%	0.001%
17	4.977	1205	1209	1220	rVV9	3473	4891	0.01%	0.001%
18	5.019	1220	1222	1225	rVB3	2625	1527	0.00%	0.000%
19	5.038	1225	1228	1236	rBV7	1605	2370	0.00%	0.001%
20	5.334	1296	1320	1355	rVV2	512827	1715732	1.78%	0.485%
21	5.611	1403	1406	1408	rBV3	2577	1662	0.00%	0.000%
22	5.643	1413	1416	1420	rVB4	2925	2171	0.00%	0.001%
23	5.665	1420	1423	1426	rBV5	1857	1243	0.00%	0.000%
24	5.781	1455	1459	1463	rBV5	1658	1364	0.00%	0.000%
25	5.881	1474	1490	1524	rBV	1013288	2106014	2.19%	0.595%
26	6.164	1571	1578	1579	rBV5	5139	4261	0.00%	0.001%
27	6.244	1599	1603	1606	rBV4	2457	2376	0.00%	0.001%
28	6.328	1615	1629	1648	rBV	449411	926023	0.96%	0.262%
29	6.495	1678	1681	1687	rVB4	2077	1785	0.00%	0.001%
30	6.556	1696	1700	1702	rBV4	1582	1295	0.00%	0.000%
31	6.627	1719	1722	1725	rVB3	1848	1090	0.00%	0.000%
32	6.685	1735	1740	1744	rBV5	1976	2035	0.00%	0.001%
33	6.865	1793	1796	1799	rBV4	1580	1321	0.00%	0.000%
34	6.993	1831	1836	1839	rVB3	1353	1147	0.00%	0.000%

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Integration Parameters: LSCINT.P

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Title : VOC Analysis

35	7.035	1845	1849	1852	rBV5	1373	1212	0.00%	0.000%
36	7.177	1887	1893	1897	rBV6	5116	6197	0.01%	0.002%
37	7.228	1897	1909	1931	rVV	228018	433187	0.45%	0.122%
38	7.424	1966	1970	1972	rBV2	2378	1895	0.00%	0.001%
39	7.562	1993	2013	2024	rBV	511948	928860	0.97%	0.263%
40	7.633	2025	2035	2061	rVB	904357	1650184	1.72%	0.466%
41	7.816	2085	2092	2094	rBV2	28838	31339	0.03%	0.009%
42	7.849	2095	2102	2115	rVB	157857	276981	0.29%	0.078%
43	8.154	2189	2197	2203	rBV9	3268	5314	0.01%	0.002%
44	8.318	2236	2248	2282	rBV	1060314	2107687	2.19%	0.596%
45	8.537	2312	2316	2327	rVB6	19012	29718	0.03%	0.008%
46	8.601	2330	2336	2346	rVB4	19612	31266	0.03%	0.009%
47	8.742	2374	2380	2381	rBV5	12031	10790	0.01%	0.003%
48	8.813	2394	2402	2407	rBV4	13896	23720	0.02%	0.007%
49	8.906	2425	2431	2442	rVB2	33700	53813	0.06%	0.015%
50	9.029	2461	2469	2476	rBV3	36516	55411	0.06%	0.016%
51	9.086	2476	2487	2524	rVB	1496668	2613453	2.72%	0.739%
52	9.247	2527	2537	2553	rBV	467244	794844	0.83%	0.225%
53	9.369	2563	2575	2590	rBV	4157695	7009474	7.29%	1.981%
54	9.440	2591	2597	2616	rVB	333547	547884	0.57%	0.155%
55	9.546	2621	2630	2652	rVB7	43409	111674	0.12%	0.032%
56	9.781	2691	2703	2737	rVB3	2538514	5263185	5.47%	1.488%
57	9.948	2749	2755	2765	rVB	116618	173542	0.18%	0.049%
58	10.041	2778	2784	2792	rBV5	63800	92617	0.10%	0.026%
59	10.164	2814	2822	2832	rBV2	50848	89405	0.09%	0.025%
60	10.430	2895	2905	2917	rBV	958764	1649186	1.71%	0.466%
61	10.585	2945	2953	2961	rBV	140607	218258	0.23%	0.062%
62	10.678	2972	2982	2998	rBV	1032385	2298624	2.39%	0.650%
63	10.768	2998	3010	3017	rVV	1461515	2598163	2.70%	0.734%
64	10.810	3017	3023	3045	rVB	936359	1413080	1.47%	0.399%
65	10.971	3064	3073	3075	rBV	371436	493117	0.51%	0.139%
66	11.144	3110	3127	3139	rBV	4149947	6643599	6.91%	1.878%
67	11.212	3139	3148	3157	rVV	1801232	2712939	2.82%	0.767%
68	11.263	3157	3164	3175	rVB	621526	927836	0.96%	0.262%
69	11.398	3196	3206	3222	rBV	1584531	2764072	2.87%	0.781%
70	11.479	3222	3231	3242	rVV	1663802	2583993	2.69%	0.730%
71	11.565	3250	3258	3267	rBV	1365051	1957650	2.04%	0.553%

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 Title : VOC Analysis

72	11.762	3310	3319	3328	rBV	676697	1226119	1.27%	0.347%
73	11.858	3340	3349	3366	rVB4	1553485	3148770	3.27%	0.890%
74	11.977	3374	3386	3395	rBV	12440711	19633826	20.42%	5.549%
75	12.019	3396	3399	3408	rVB	1803101	2156745	2.24%	0.610%
76	12.144	3432	3438	3441	rBV	238683	301589	0.31%	0.085%
77	12.598	3570	3579	3587	rBV2	710859	1434580	1.49%	0.405%
78	12.697	3600	3610	3629	rBV2	2234980	4643725	4.83%	1.313%
79	12.961	3685	3692	3705	rVB	537514	815767	0.85%	0.231%
80	13.118	3733	3741	3751	rBV2	3543349	5262097	5.47%	1.487%
81	13.180	3753	3760	3773	rVB	3895320	5981355	6.22%	1.691%
82	13.286	3783	3793	3813	rBV2	4803699	8421812	8.76%	2.380%
83	13.742	3922	3935	3958	rVB2	53248652	96172113	100.00%	27.183%
84	13.858	3963	3971	3991	rVB	2105344	3920736	4.08%	1.108%
85	14.138	4051	4058	4065	rBV2	1832210	2530354	2.63%	0.715%
86	14.334	4111	4119	4129	rBV5	1281120	2348077	2.44%	0.664%
87	14.874	4276	4287	4302	rBV	31759794	49633858	51.61%	14.029%
88	15.057	4334	4344	4361	rVB	15722412	26105568	27.14%	7.379%
89	15.601	4507	4513	4524	rVB	2491595	3857060	4.01%	1.090%
90	15.797	4567	4574	4581	rBV	1662976	2339778	2.43%	0.661%
91	15.909	4598	4609	4623	rBV	8677093	15192357	15.80%	4.294%
92	16.057	4645	4655	4661	rBV	8190067	12942026	13.46%	3.658%
93	16.093	4662	4666	4684	rVB	5041370	7145220	7.43%	2.020%
94	16.186	4689	4695	4706	rVB	971213	1530579	1.59%	0.433%
95	16.282	4710	4725	4736	rBV	2608449	5774489	6.00%	1.632%
96	16.427	4763	4770	4782	rVB	1279913	1915801	1.99%	0.541%
97	16.523	4790	4800	4816	rVB3	3199804	5864812	6.10%	1.658%
98	17.025	4946	4956	4977	rVB3	1745557	4512030	4.69%	1.275%
99	17.163	4992	4999	5009	rVB	1175551	1778826	1.85%	0.503%
100	17.224	5011	5018	5028	rVV2	899040	1384622	1.44%	0.391%

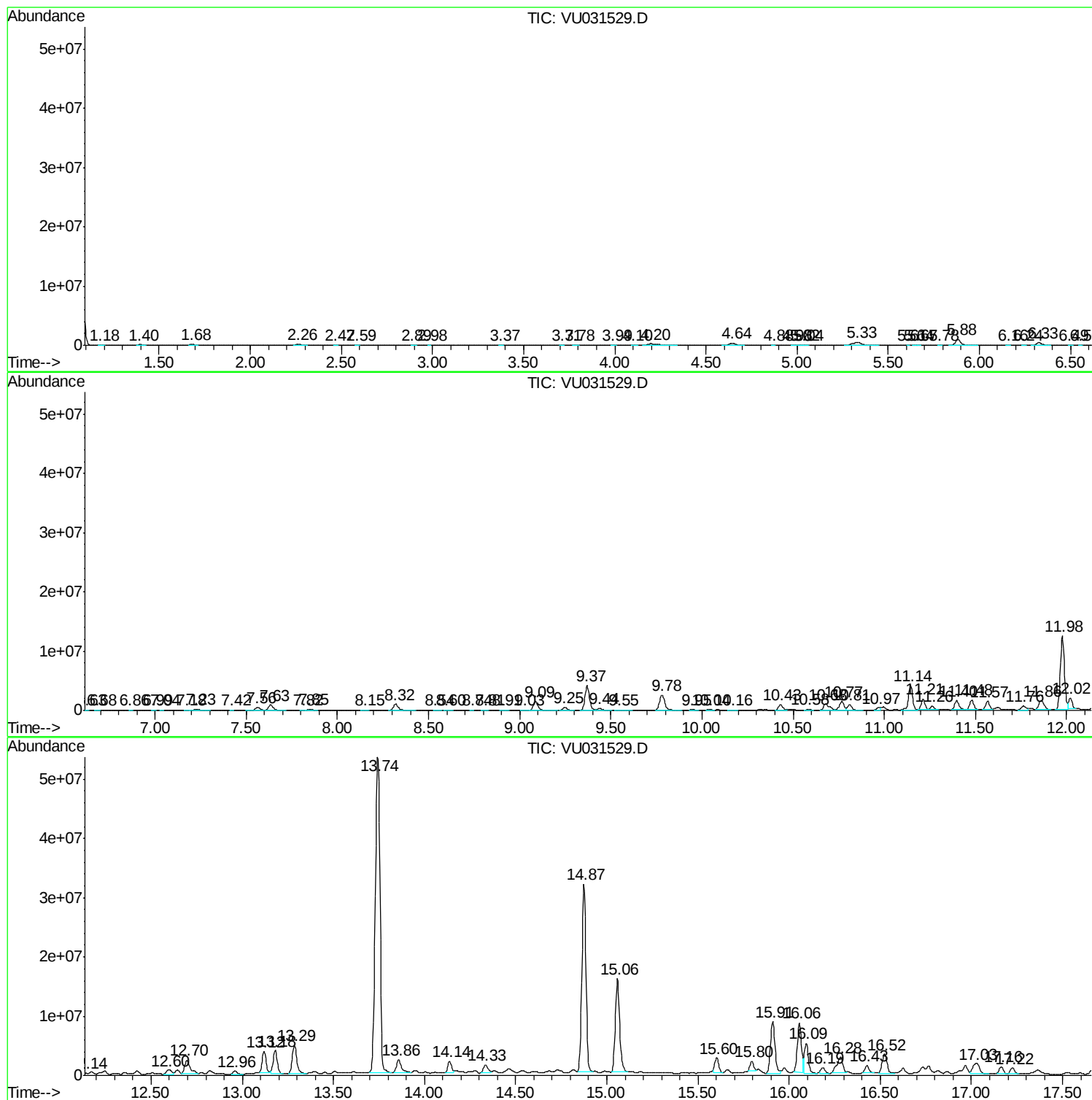
Sum of corrected areas: 353797266

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_U
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GAHX5ME

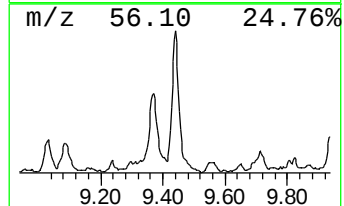
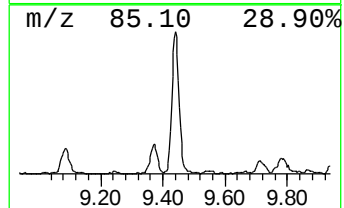
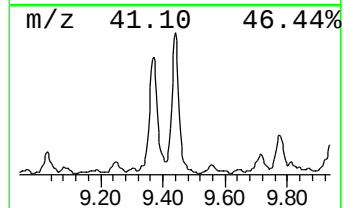
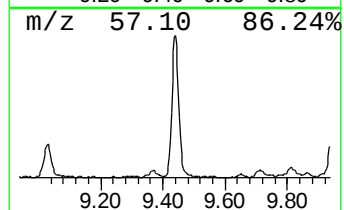
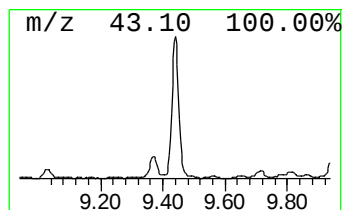
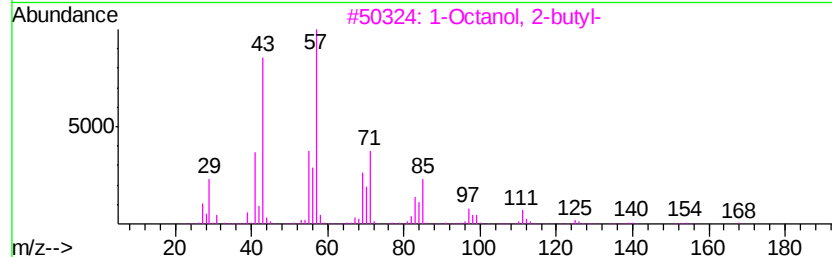
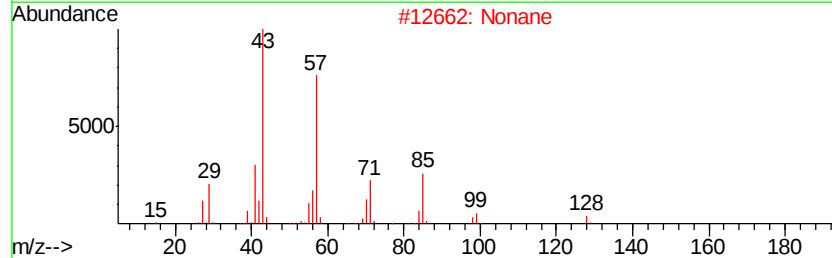
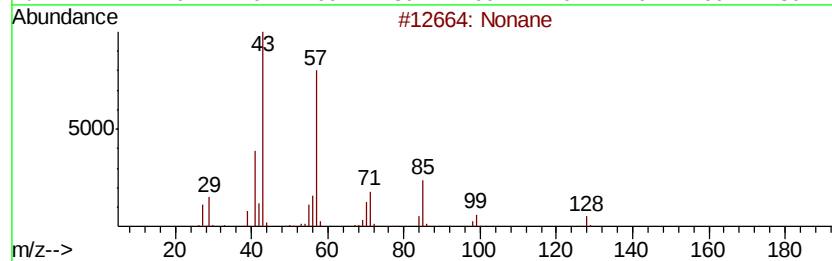
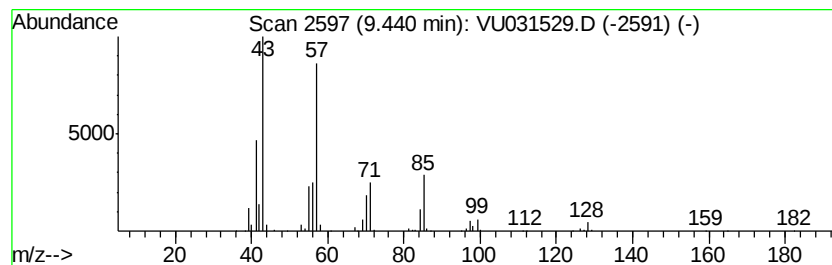
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	10.48 ug/L	547884	Chlorobenzene-d5	9.09

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		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5		Decane	142	C10H22	000124-18-5	53



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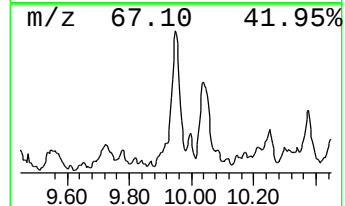
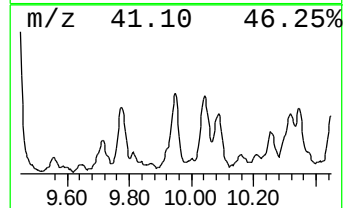
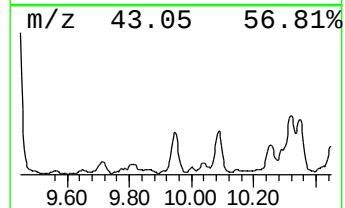
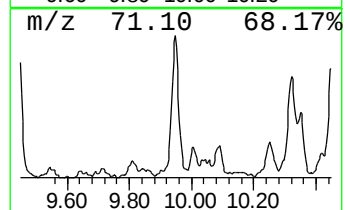
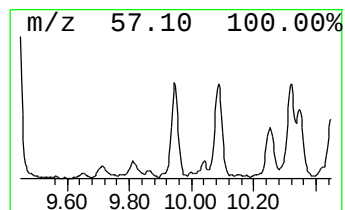
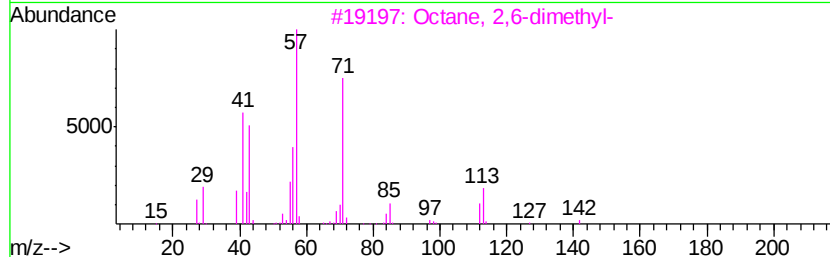
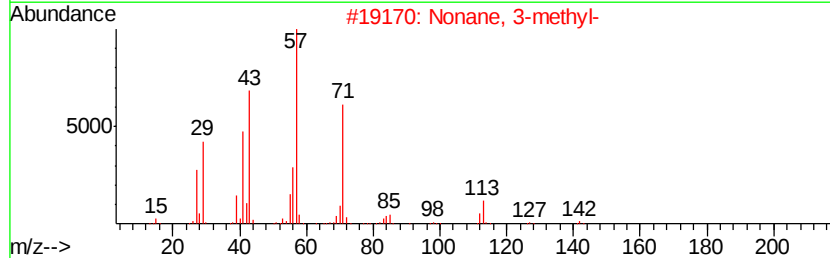
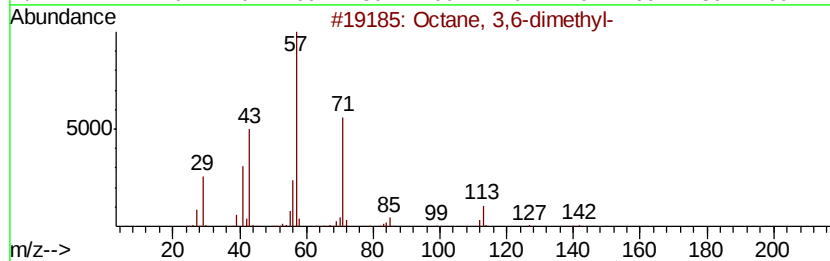
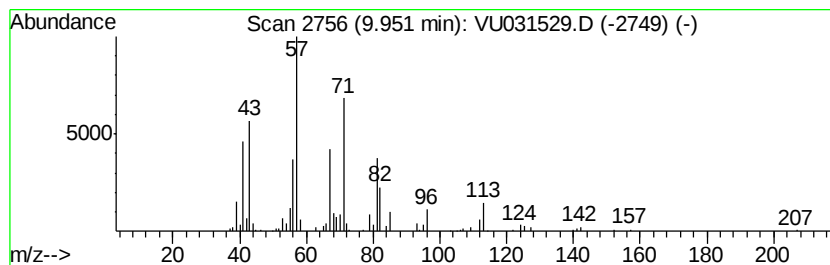
Instrument :
MSVOA_U
ClientSampled :
GAHX5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.95	3.32 ug/L	173542	Chlorobenzene-d5	9.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane,	3,6-dimethyl-	142	C10H22	015869-94-0	92
2	Nonane,	3-methyl-	142	C10H22	005911-04-6	58
3	Octane,	2,6-dimethyl-	142	C10H22	002051-30-1	50
4	Nonane,	3-methyl-	142	C10H22	005911-04-6	50
5	Nonane,	3-methyl-	142	C10H22	005911-04-6	50



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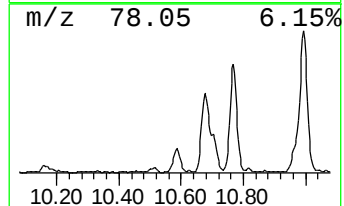
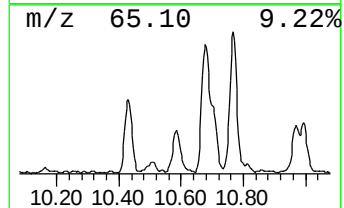
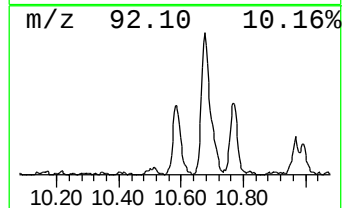
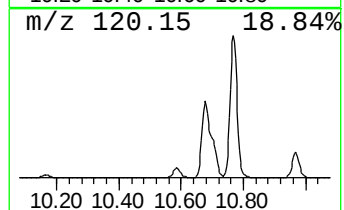
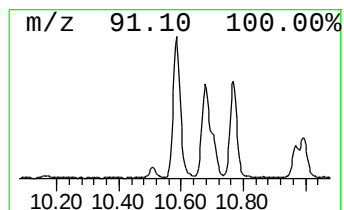
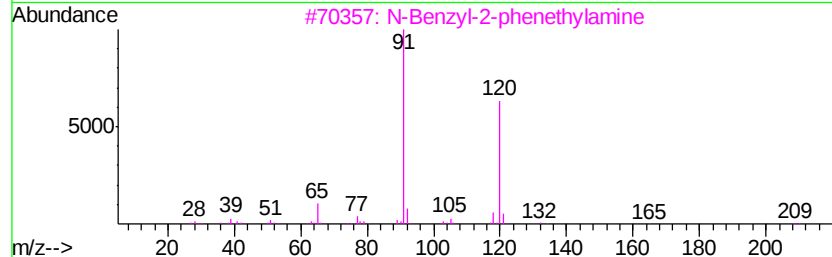
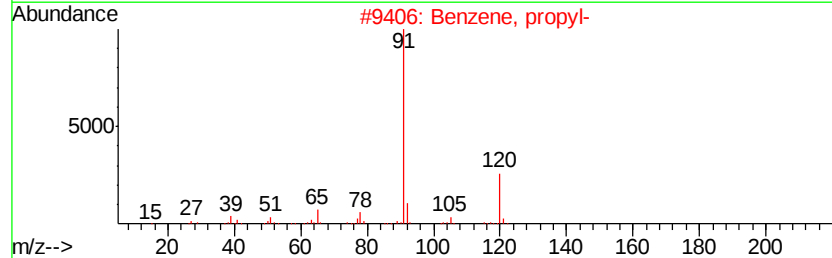
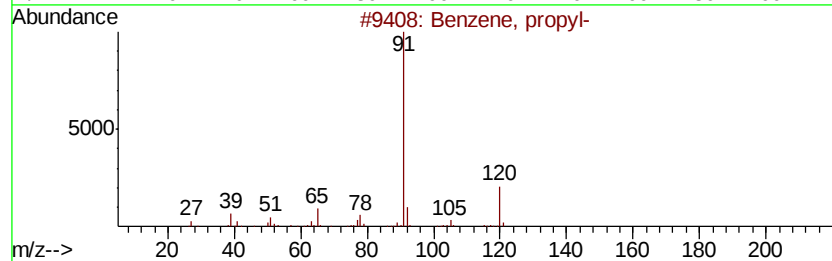
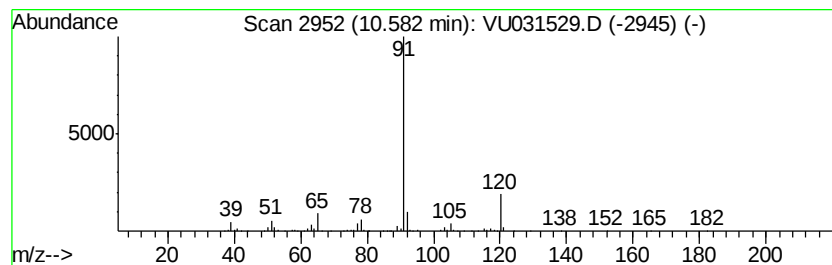
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, propyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	4.22 ug/L	218258	1,4-Dichlorobenzene-d4	11.48

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	87
3		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4		Benzene, propyl-	120	C9H12	000103-65-1	64
5		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10a/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

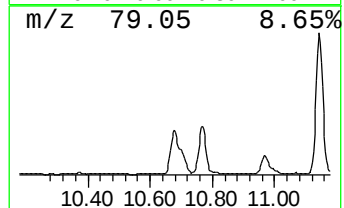
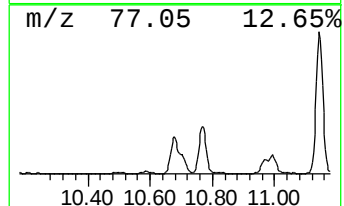
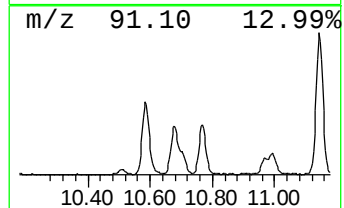
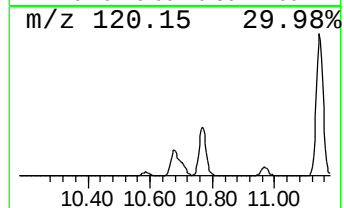
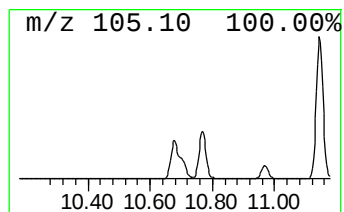
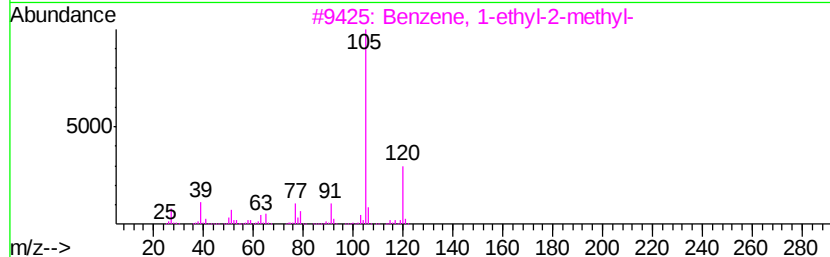
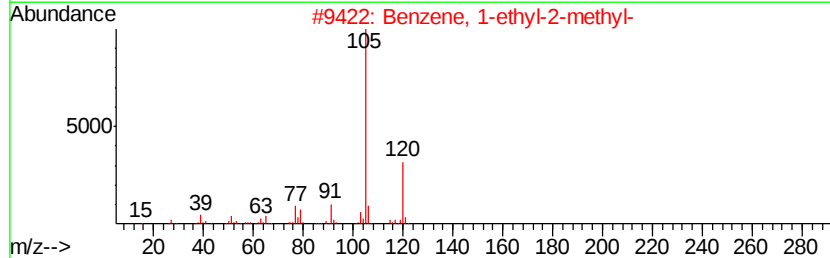
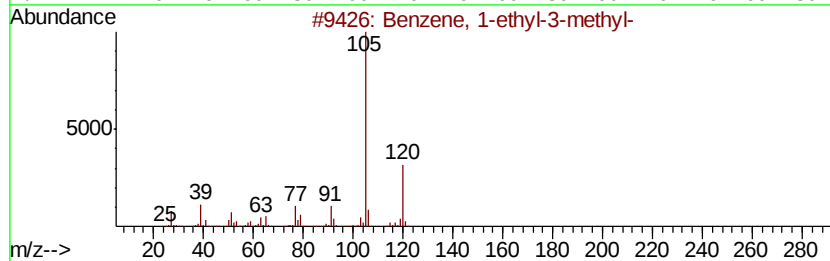
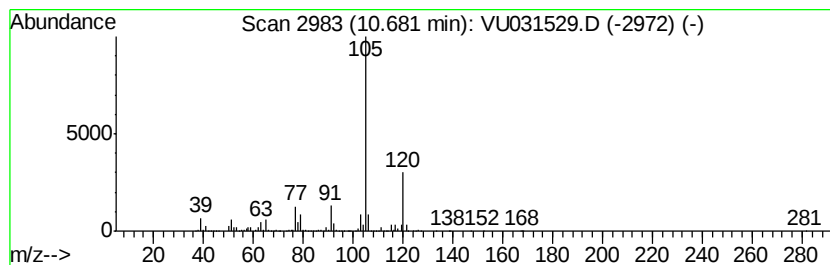
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	44.48 ug/L	2298620	1,4-Dichlorobenzene-d4	11.48

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	95
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

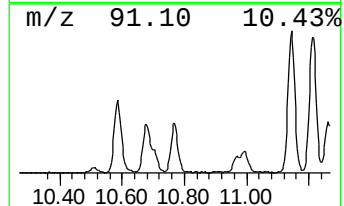
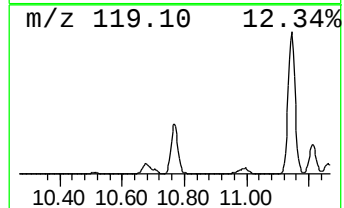
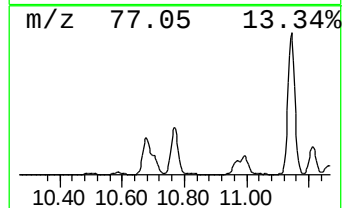
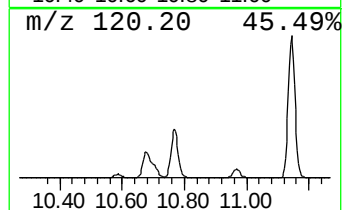
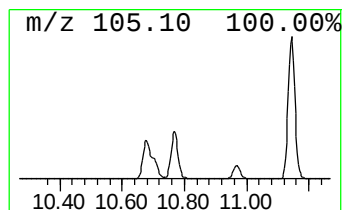
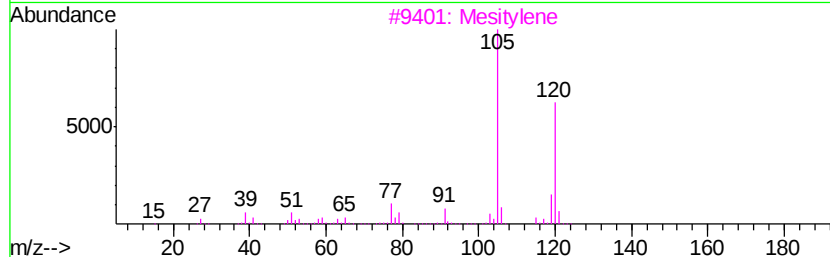
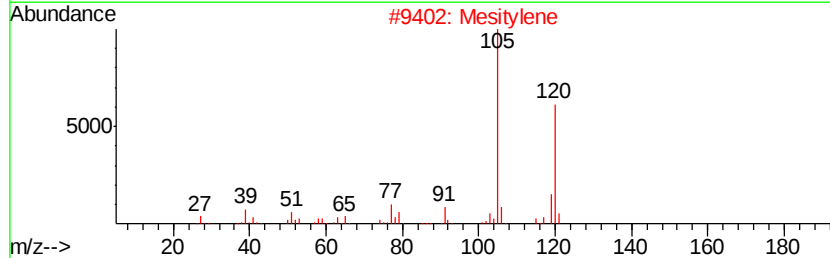
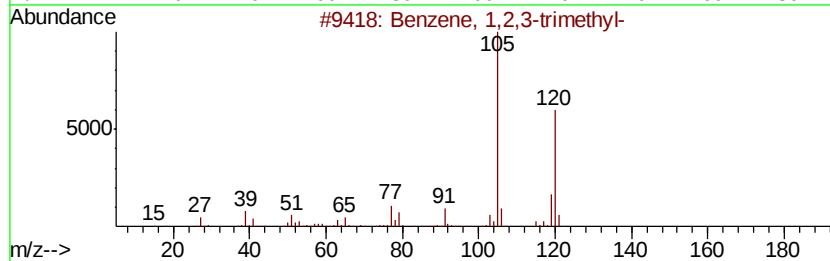
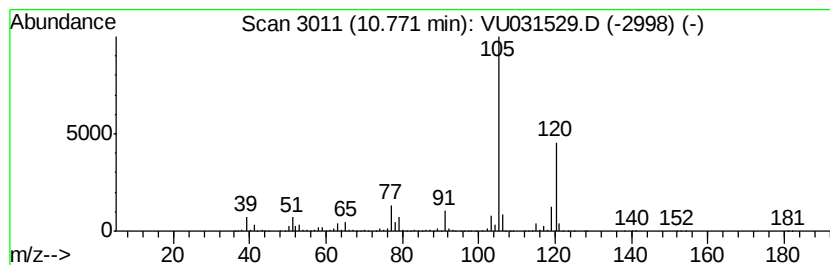
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	50.27 ug/L	2598160	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Mesitylene	120	C9H12	000108-67-8	95
4		Mesitylene	120	C9H12	000108-67-8	95
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

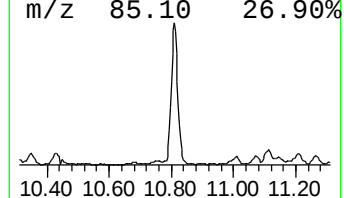
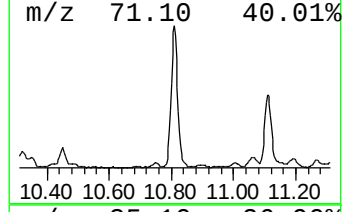
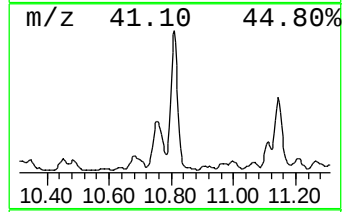
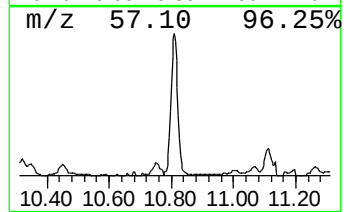
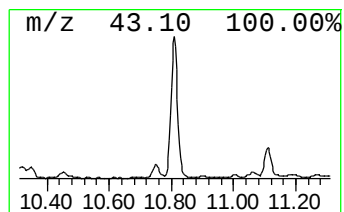
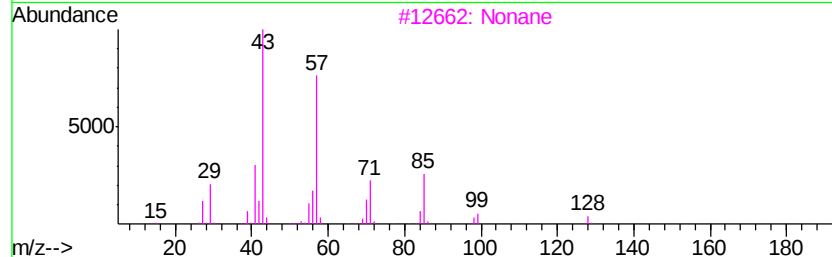
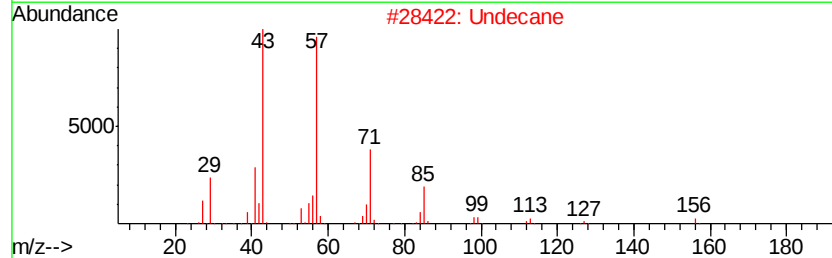
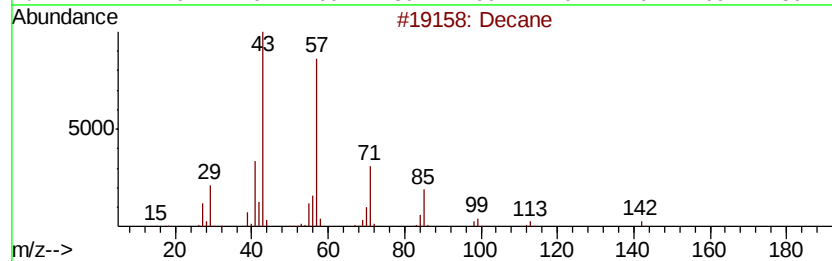
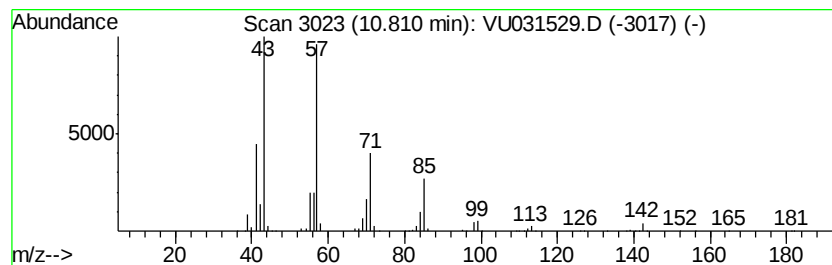
Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.81	27.34 ug/L	1413080	1,4-Dichlorobenzene-d4		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Undecane	156	C11H24	001120-21-4	83
3	Nonane	128	C9H20	000111-84-2	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

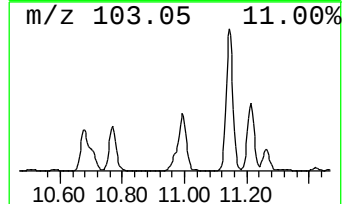
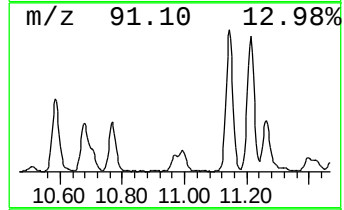
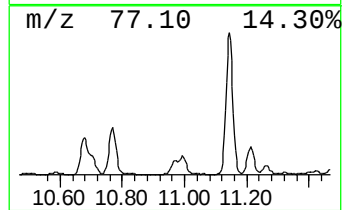
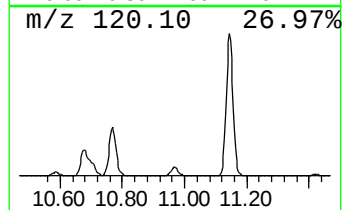
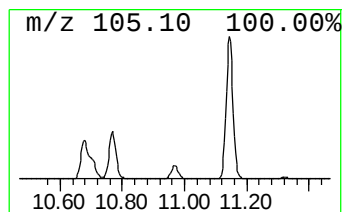
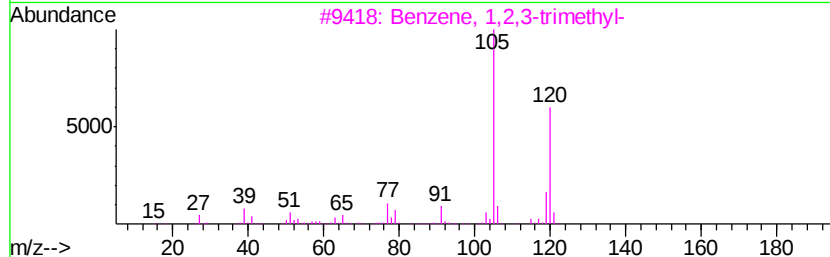
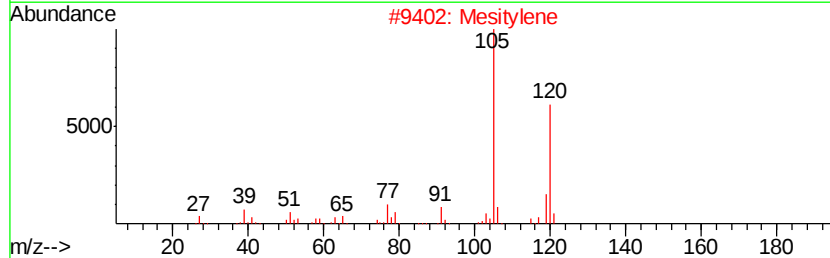
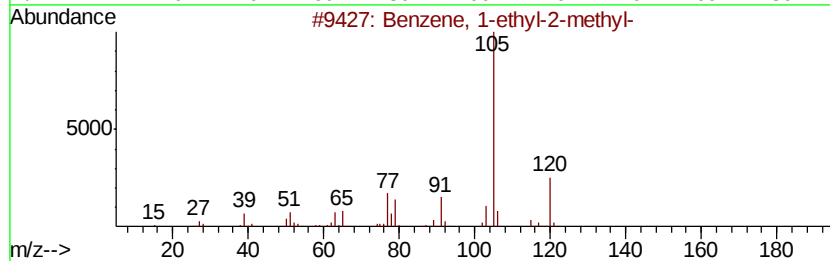
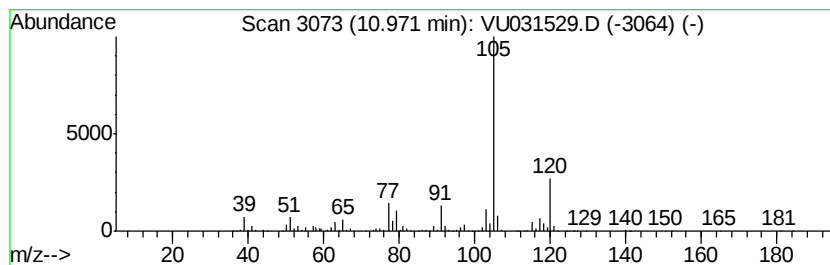
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.97	9.54 ug/L	493117	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Mesitylene	120	C9H12	000108-67-8	87
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Mesitylene	120	C9H12	000108-67-8	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

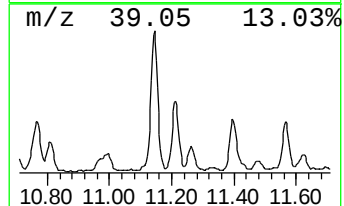
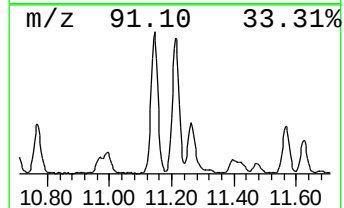
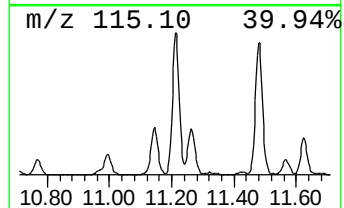
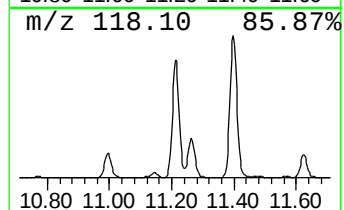
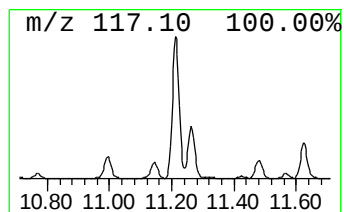
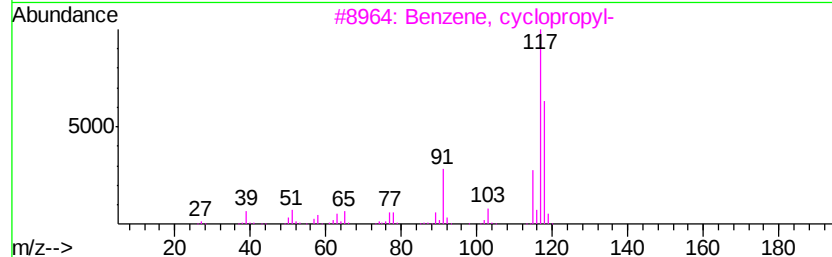
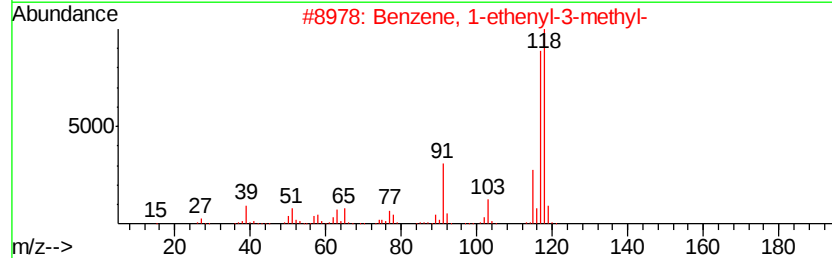
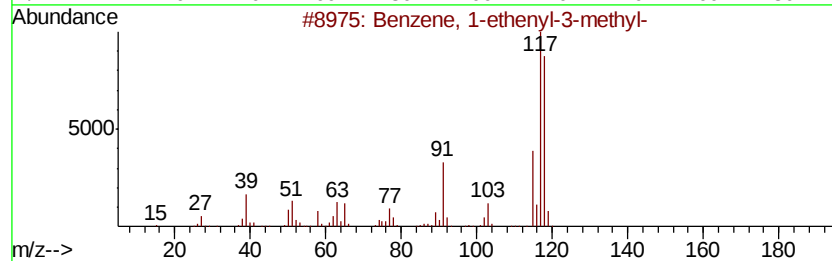
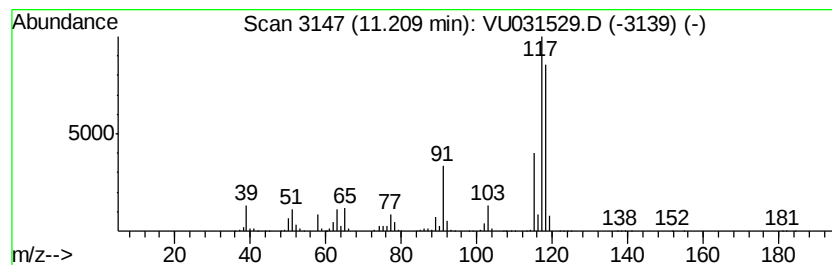
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethenyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	52.50 ug/L	2712940	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

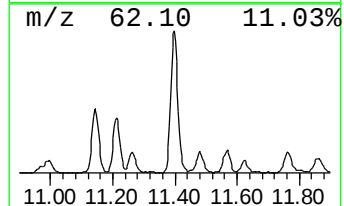
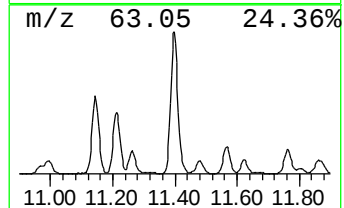
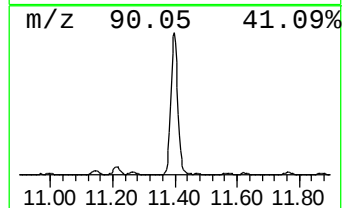
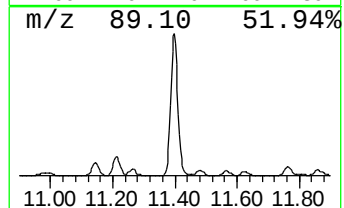
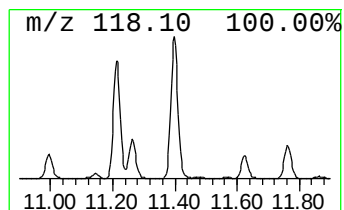
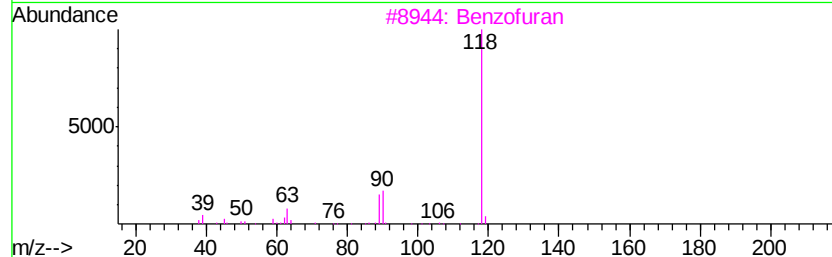
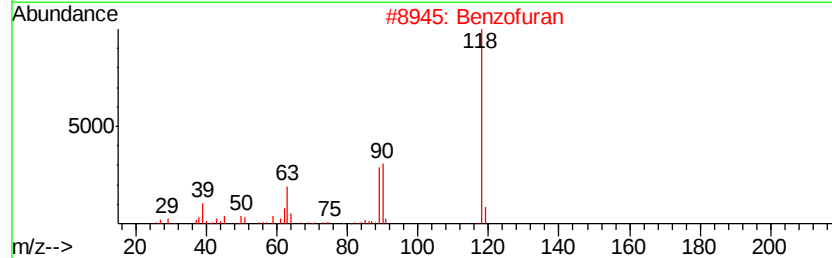
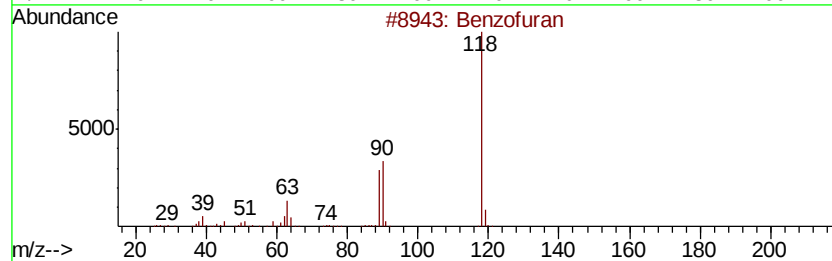
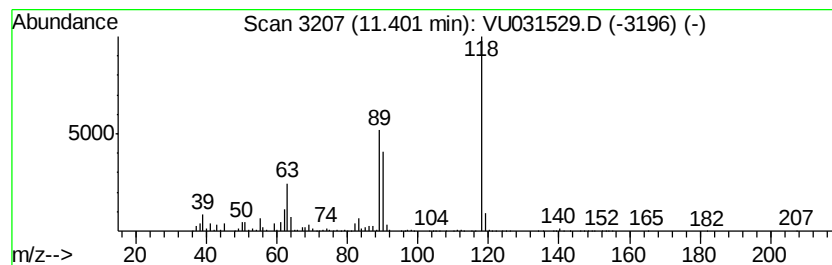
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Quant Title : VOC Analysis

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

Peak Number 12 Benzofuran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	53.48 ug/L	2764070	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	94
2		Benzofuran	118	C8H6O	000271-89-6	93
3		Benzofuran	118	C8H6O	000271-89-6	90
4		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	72
5		1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

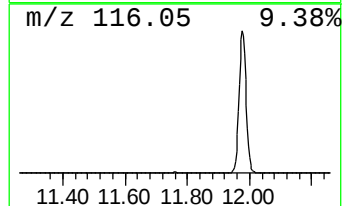
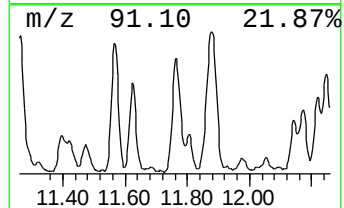
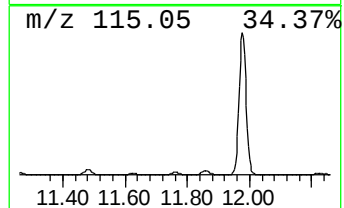
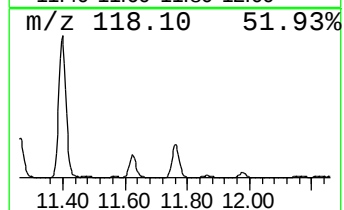
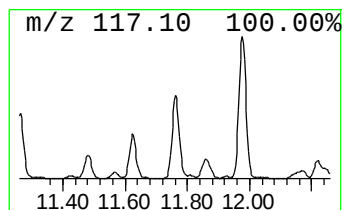
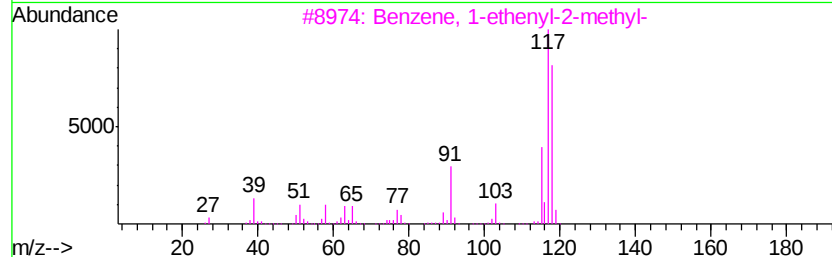
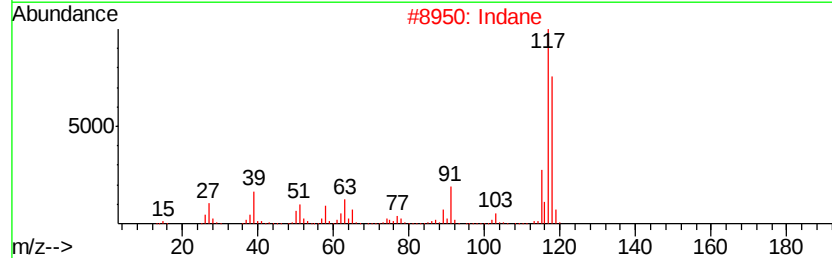
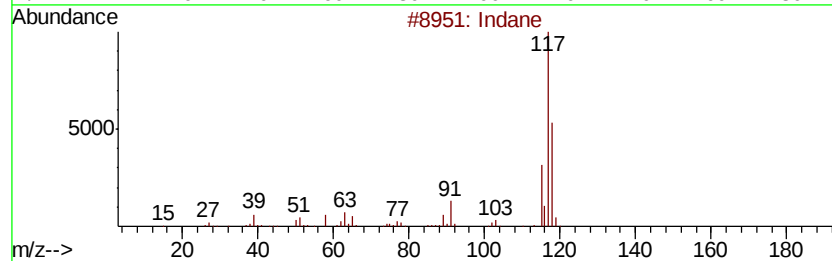
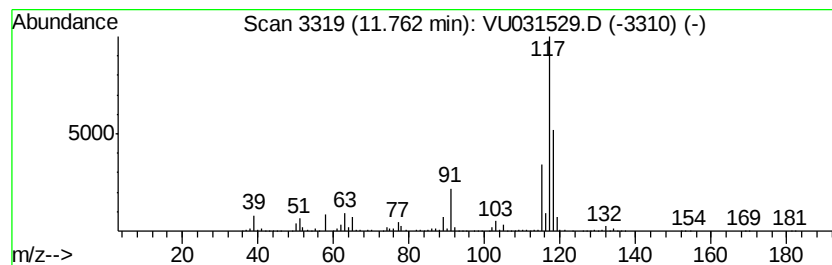
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Quant Title : VOC Analysis

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

Peak Number 14 Indane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	23.73 ug/L	1226120	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	94
2		Indane	118	C9H10	000496-11-7	91
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	81
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10a/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

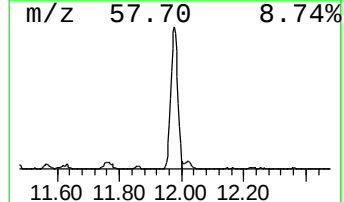
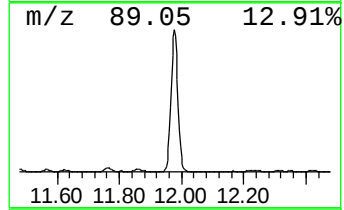
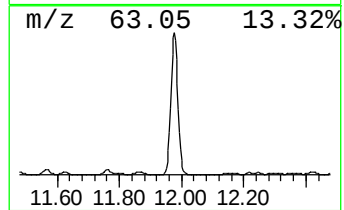
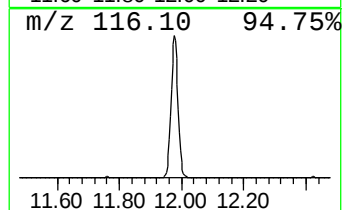
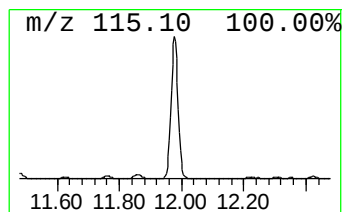
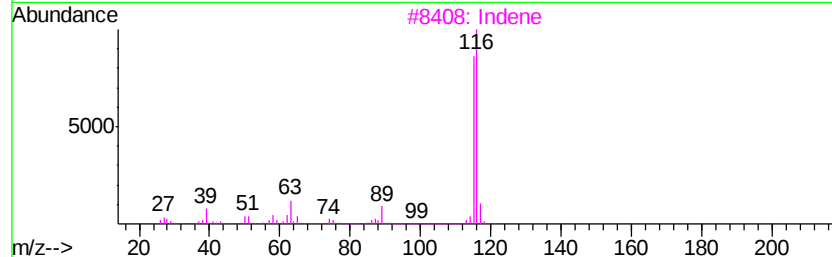
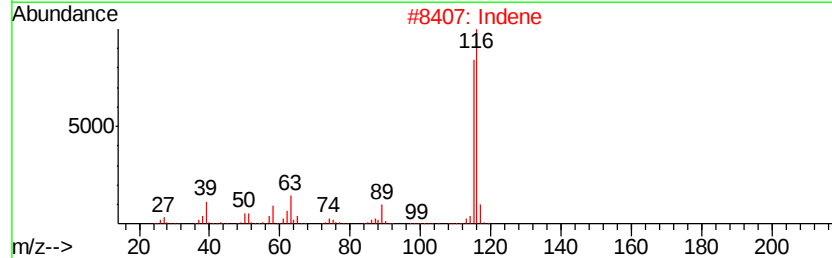
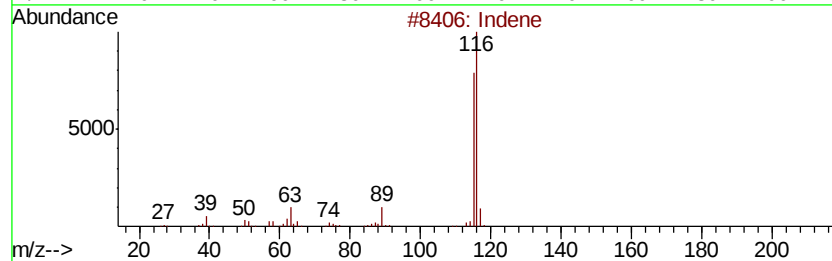
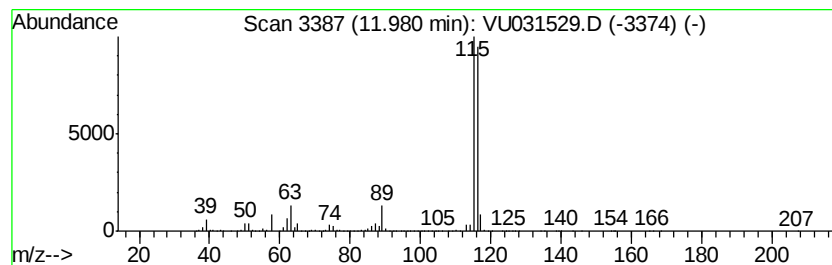
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Quant Title : VOC Analysis

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

Peak Number 15 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	379.91 ug/L	19633800	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	95
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

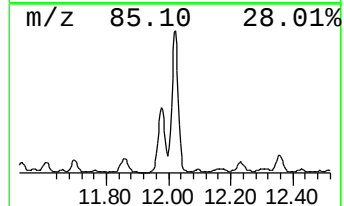
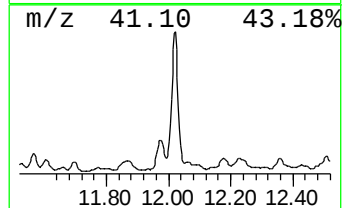
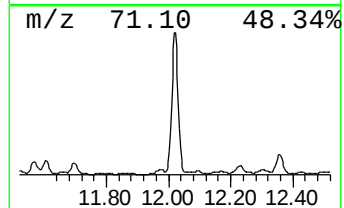
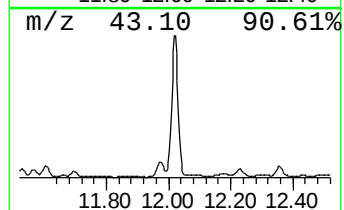
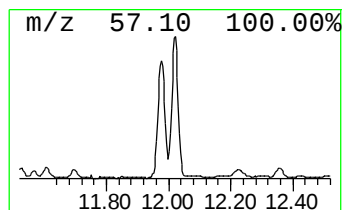
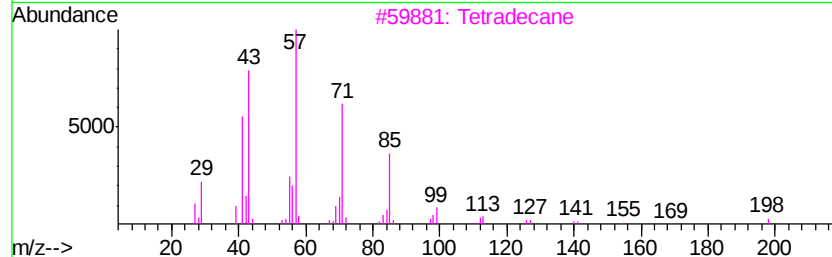
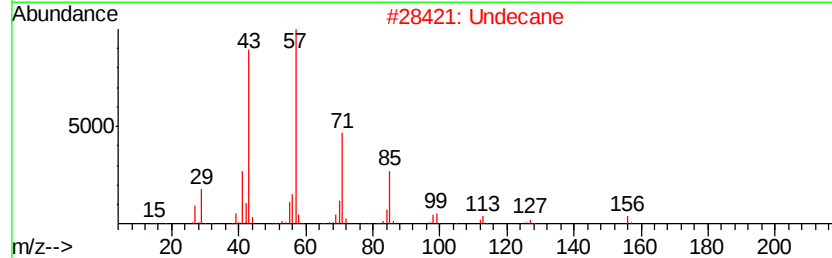
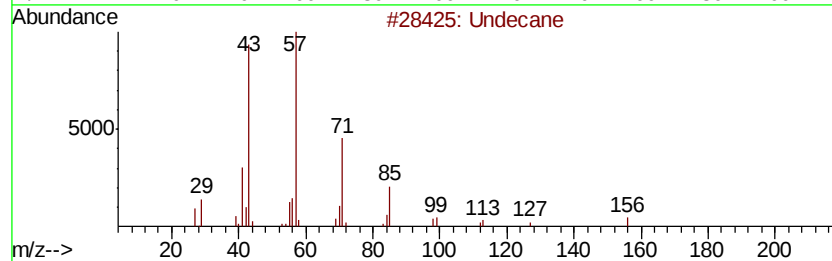
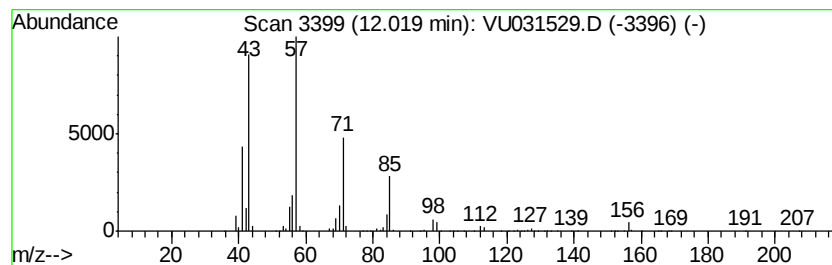
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	41.73 ug/L	2156750	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Undecane	156	C11H24	001120-21-4	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Undecane	156	C11H24	001120-21-4	87
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10a/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

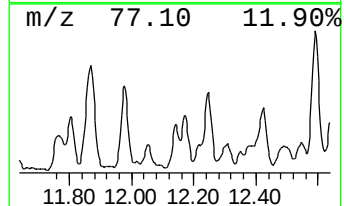
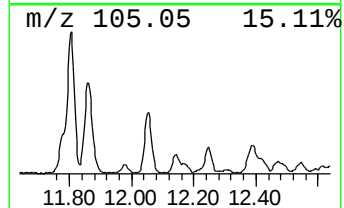
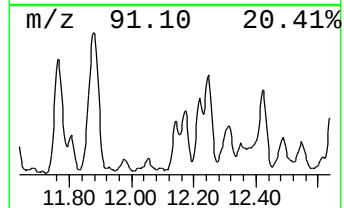
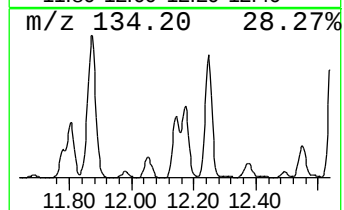
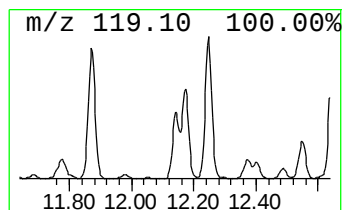
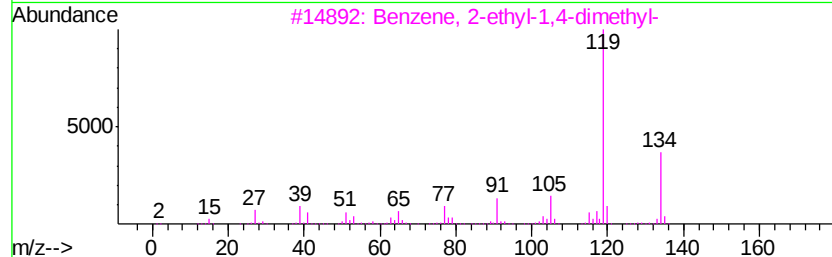
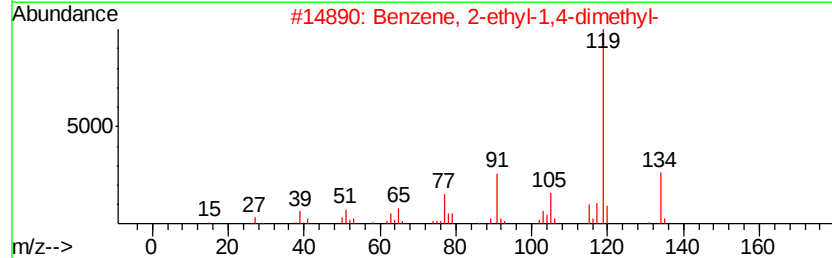
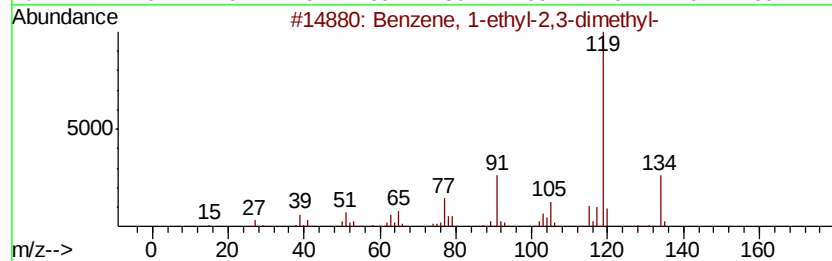
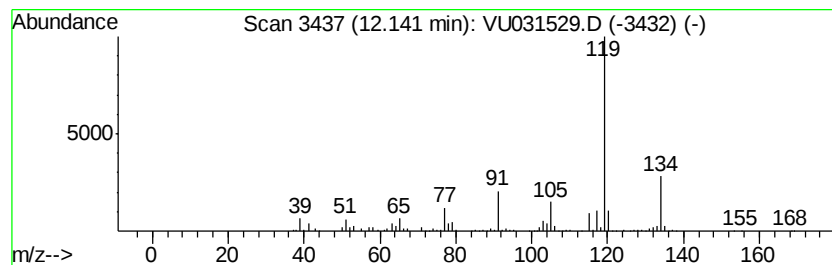
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	5.84 ug/L	301589	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

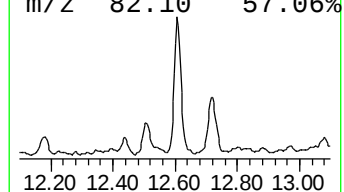
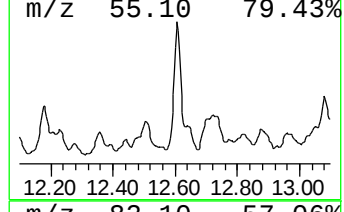
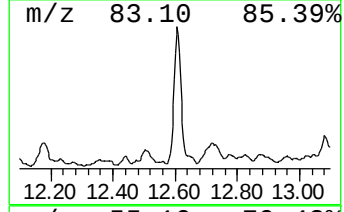
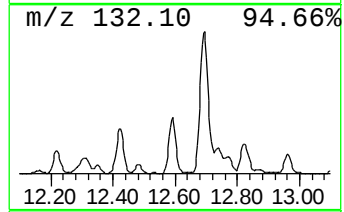
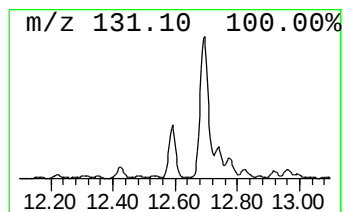
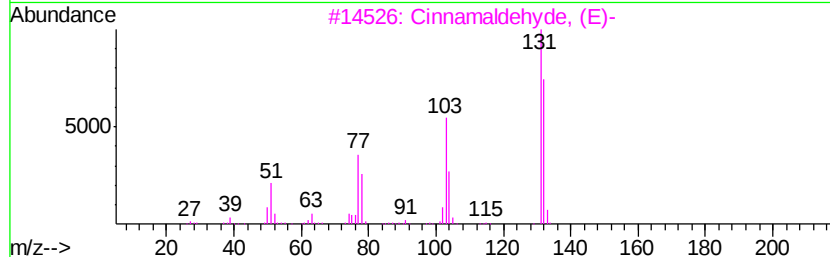
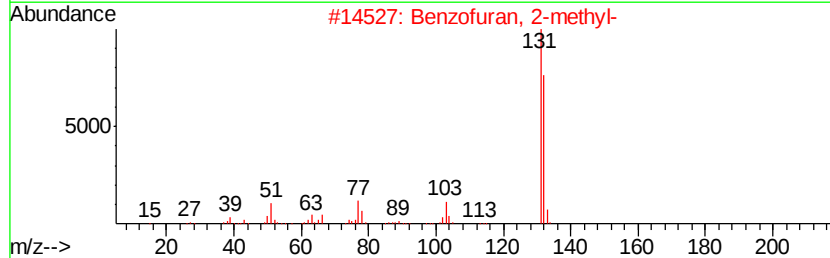
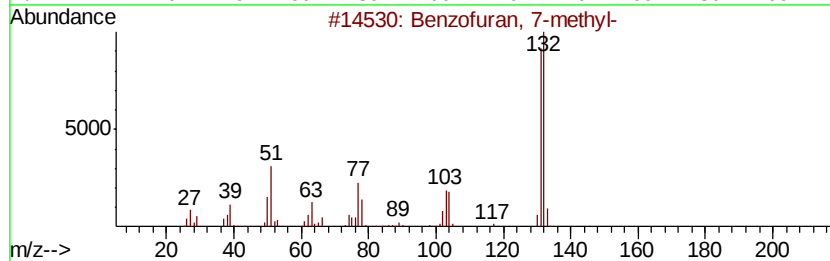
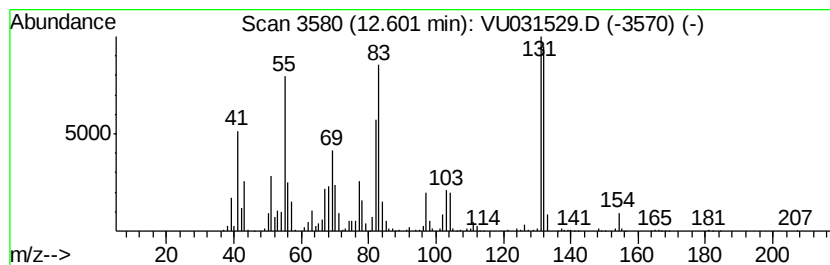
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 18 Benzofuran, 7-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	27.76 ug/L	1434580	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran, 7-methyl-	132 C9H8O	017059-52-8 89
2		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 86
3		Cinnamaldehyde, (E)-	132 C9H8O	014371-10-9 70
4		2-Propenal, 3-phenyl-	132 C9H8O	000104-55-2 70
5		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 70



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

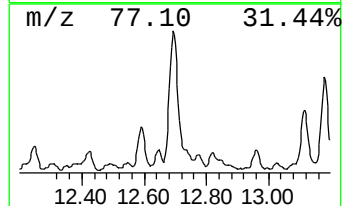
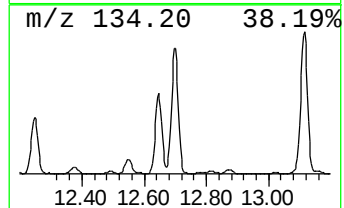
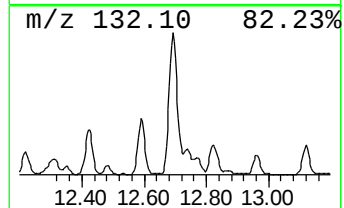
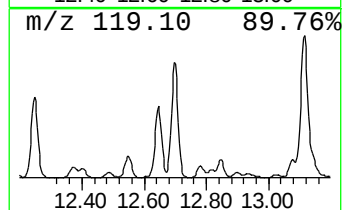
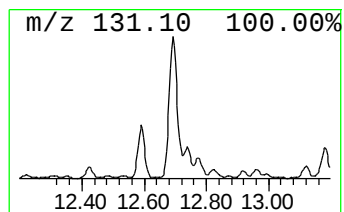
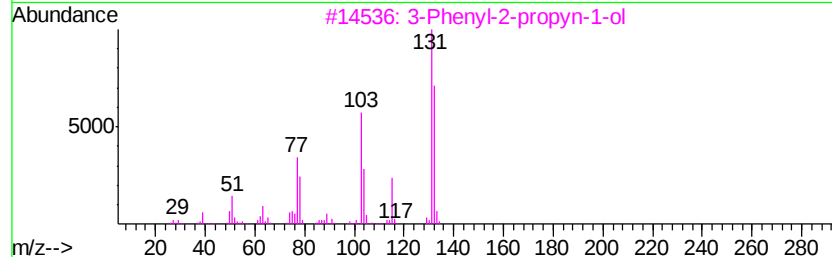
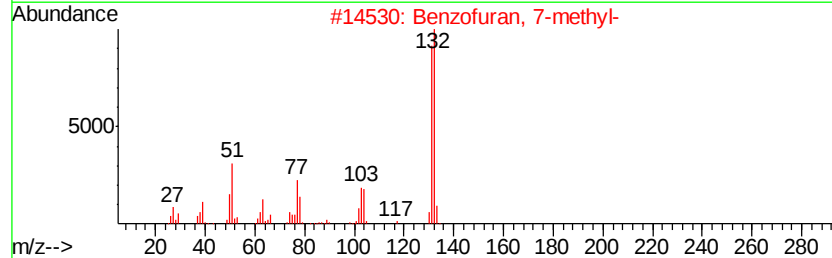
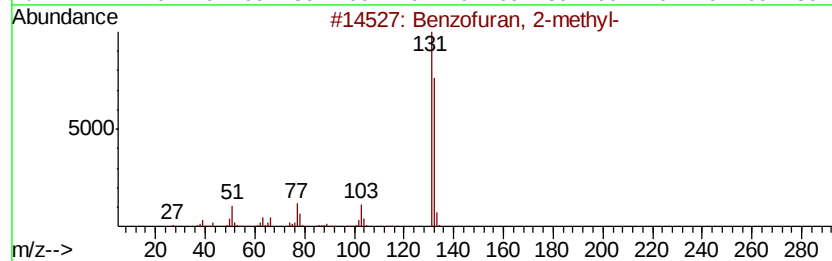
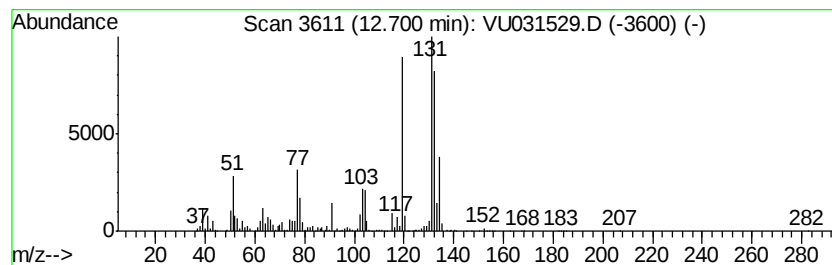
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Quant Title : VOC Analysis

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

Peak Number 19 Benzofuran, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	89.86 ug/L	4643730	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	92
2		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	83
3		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	64
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
5		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

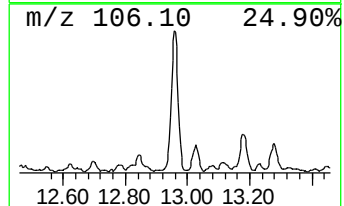
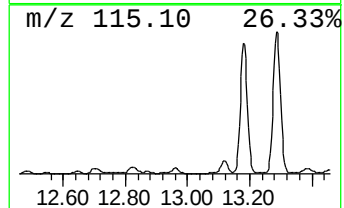
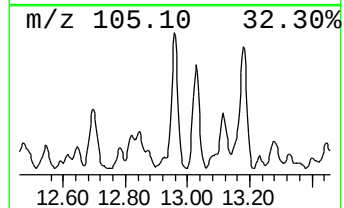
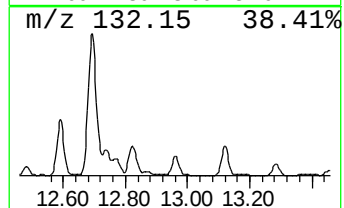
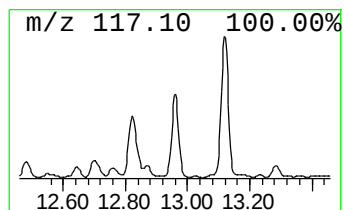
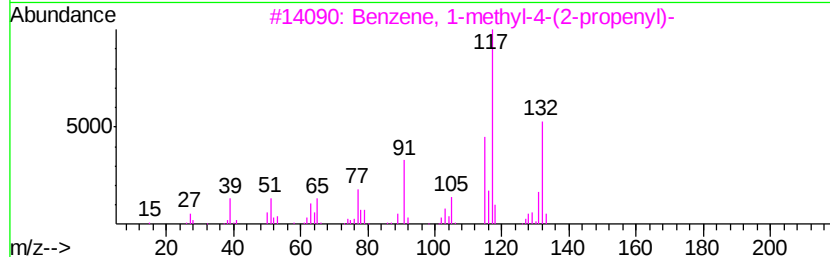
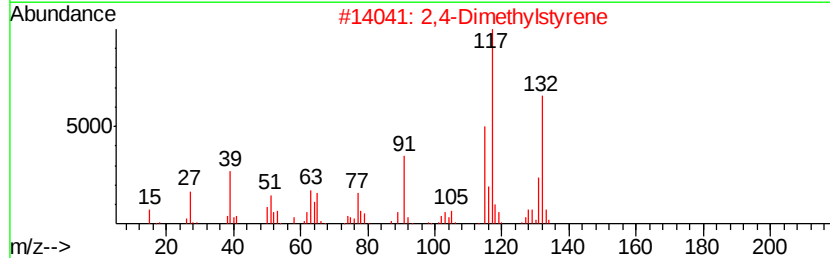
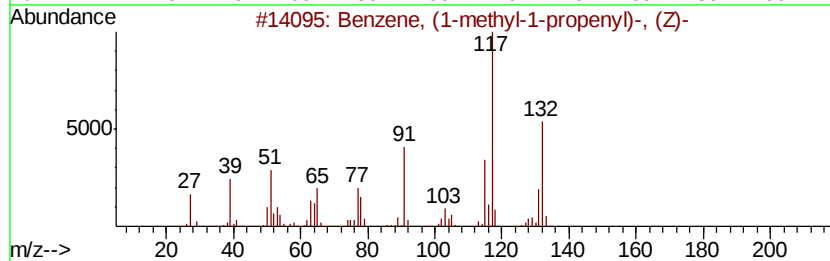
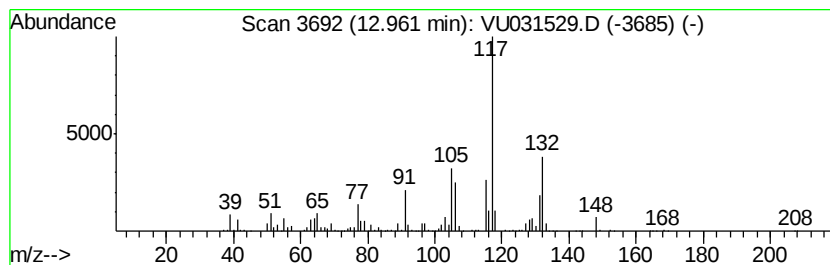
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, (1-methyl-1-propen... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	15.79 ug/L	815767	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	93
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

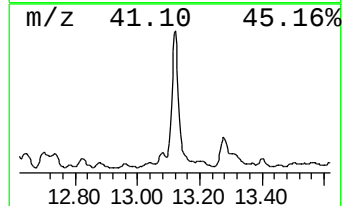
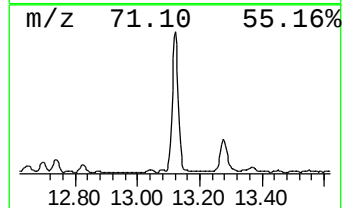
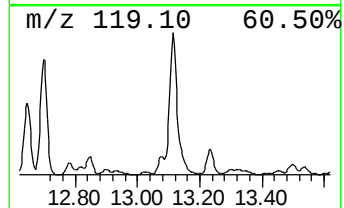
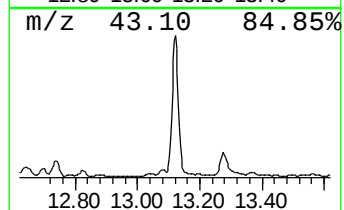
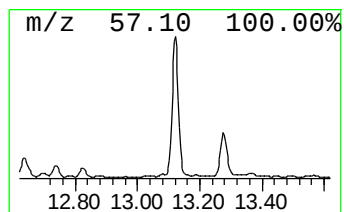
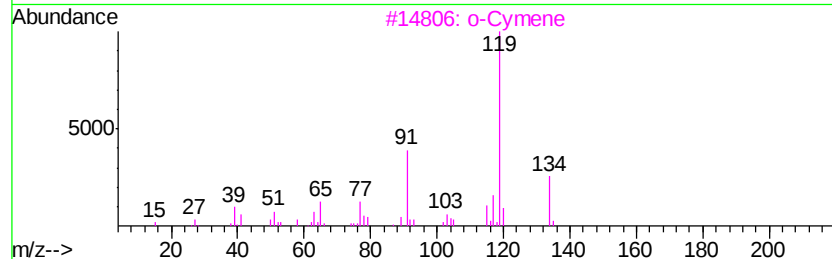
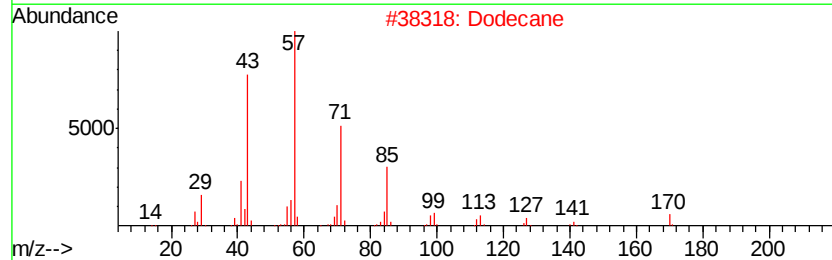
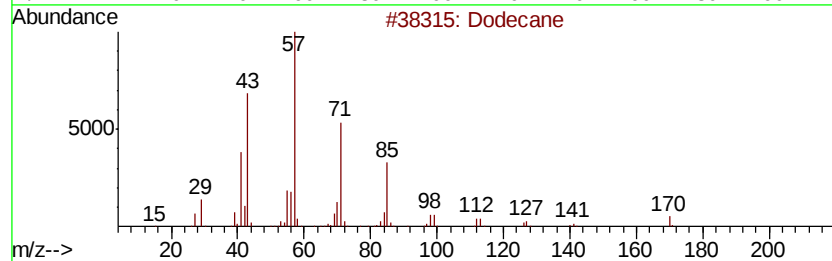
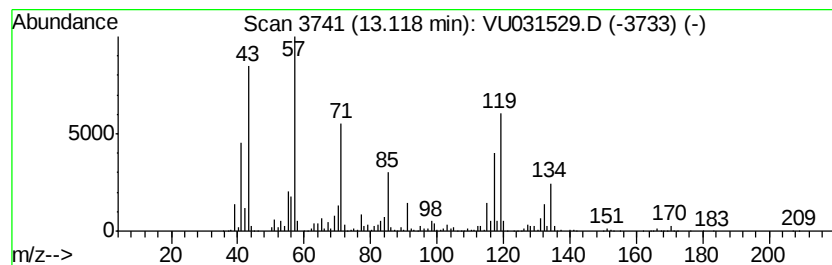
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	101.82 ug/L	5262100	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	49
2		Dodecane	170	C12H26	000112-40-3	42
3		o-Cymene	134	C10H14	000527-84-4	38
4		o-Cymene	134	C10H14	000527-84-4	38
5		p-Cymene	134	C10H14	000099-87-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

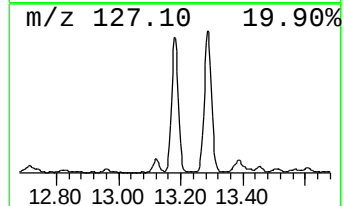
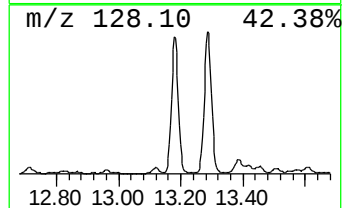
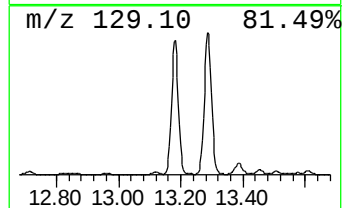
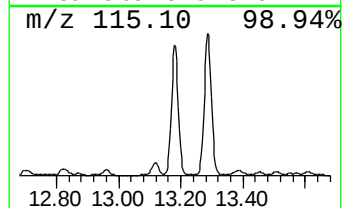
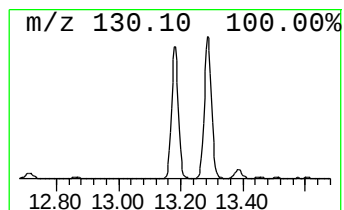
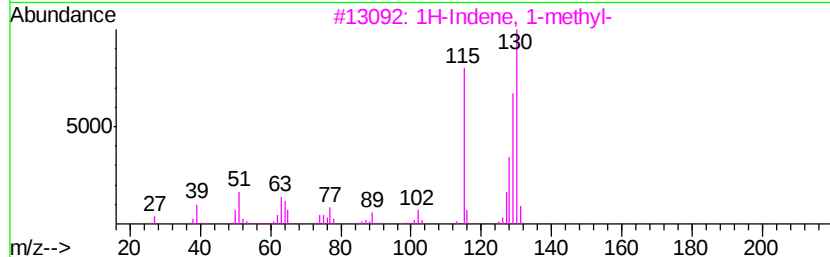
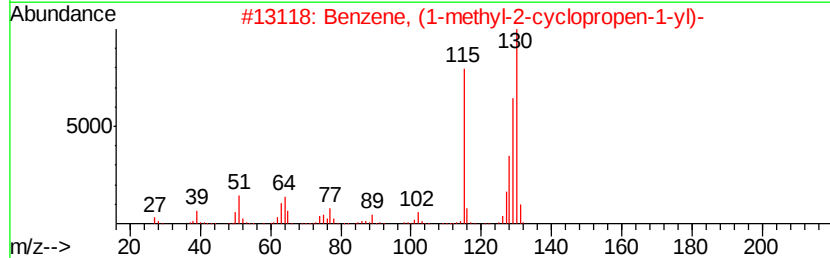
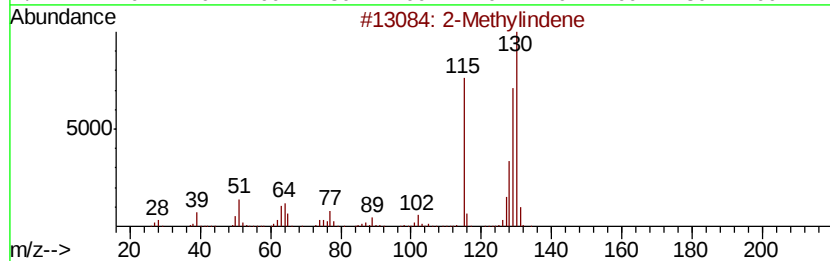
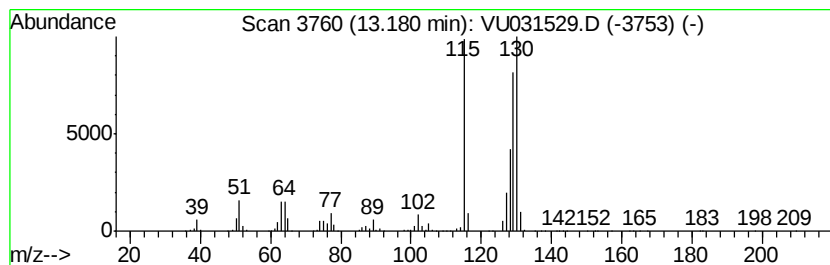
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Quant Title : VOC Analysis

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

Peak Number 22 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	115.74 ug/L	5981360	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

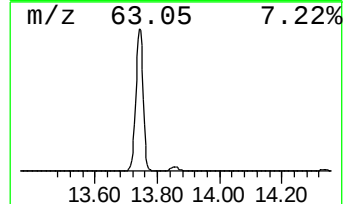
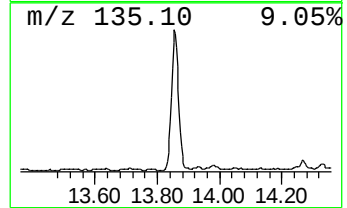
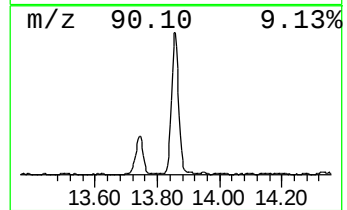
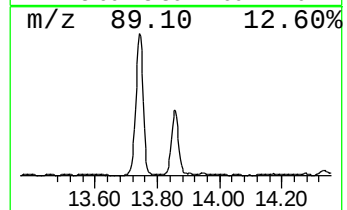
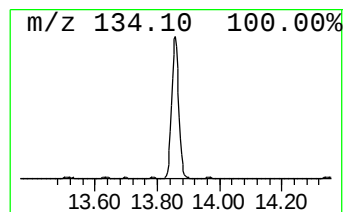
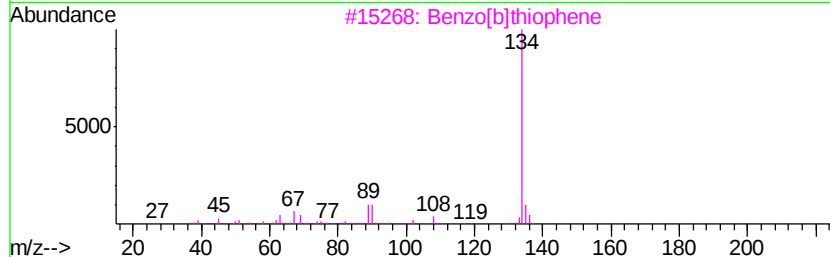
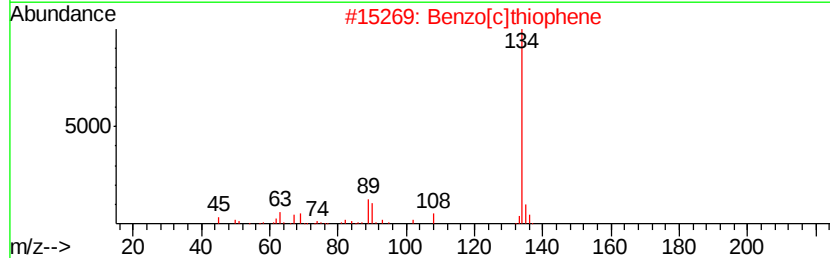
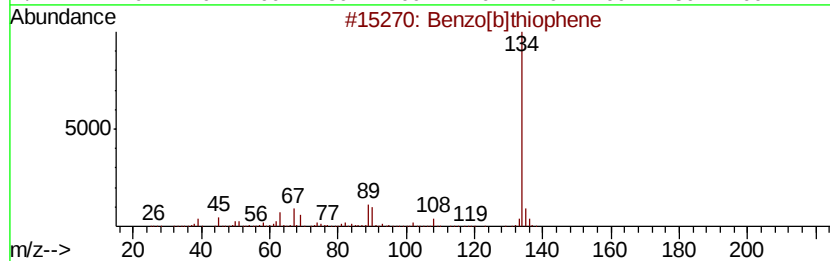
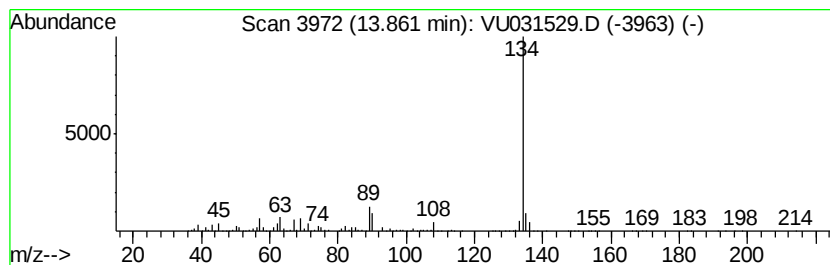
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Quant Title : VOC Analysis

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

Peak Number 25 Benzo[b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	75.87 ug/L	3920740	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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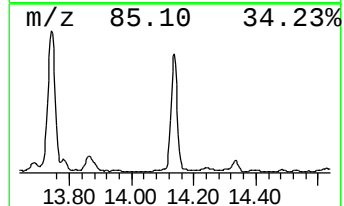
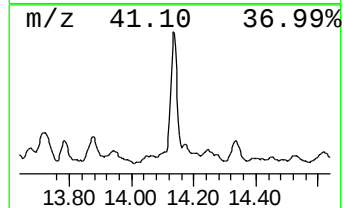
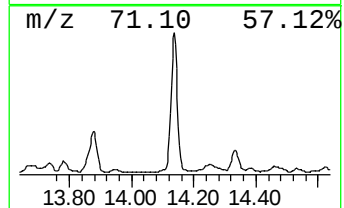
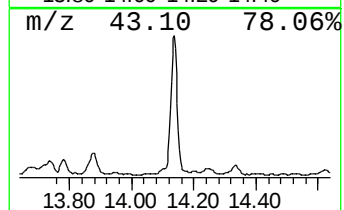
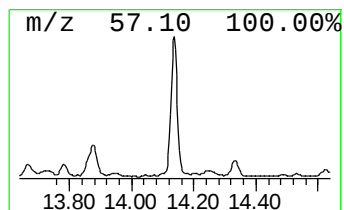
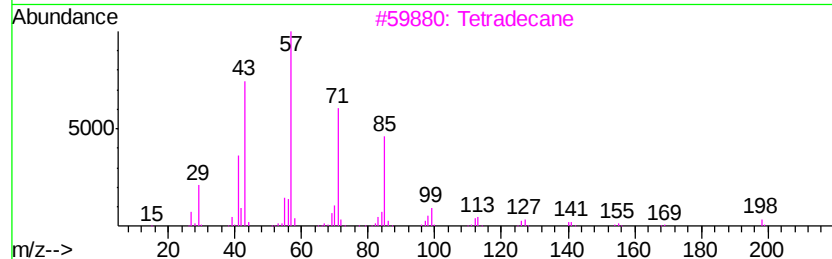
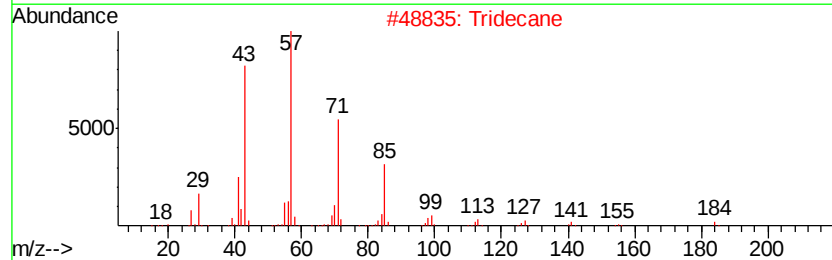
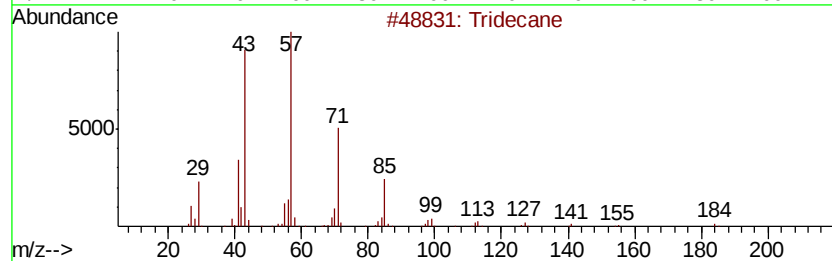
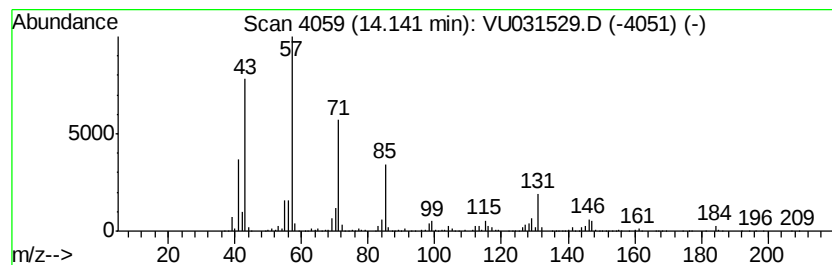
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	48.96 ug/L	2530350	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	89
3		Tetradecane	198	C14H30	000629-59-4	59
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

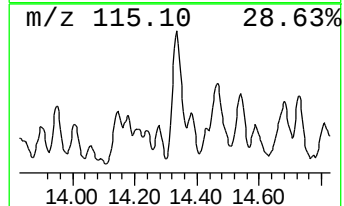
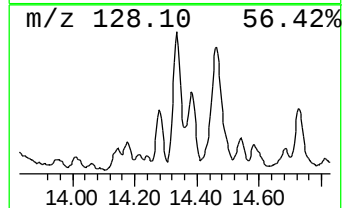
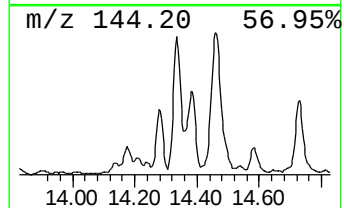
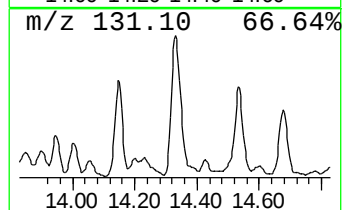
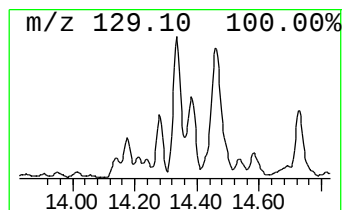
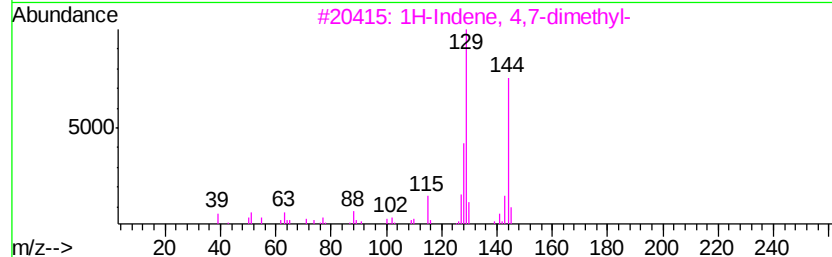
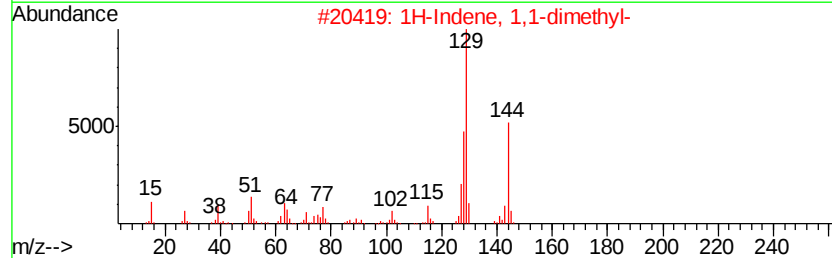
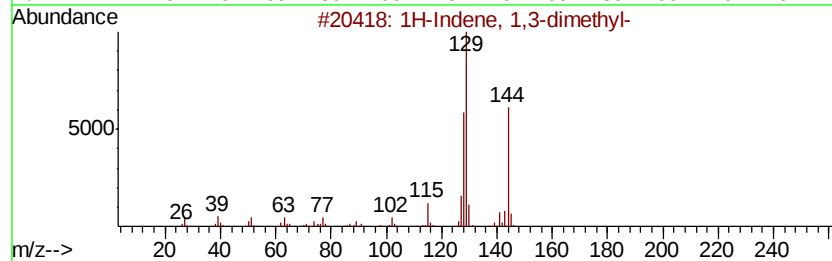
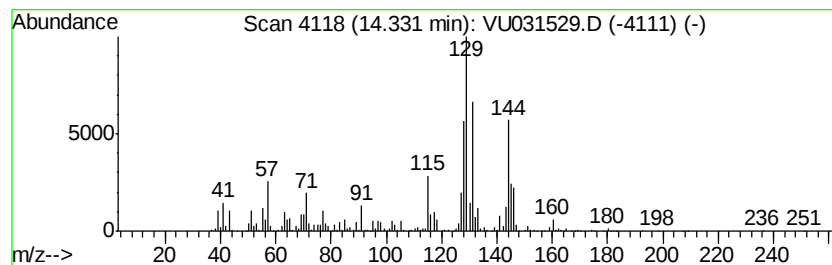
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 27 1H-Indene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.33	45.44 ug/L	2348080	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	70
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	70
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	70
4	(1-Methylbuta-1,3-dienvyl)benzene	144	C11H12	054758-36-0	64
5	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10a/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

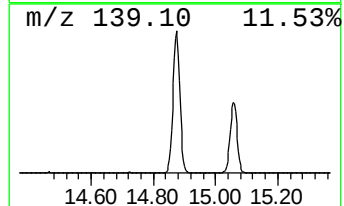
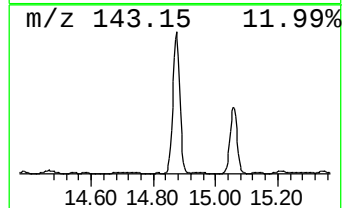
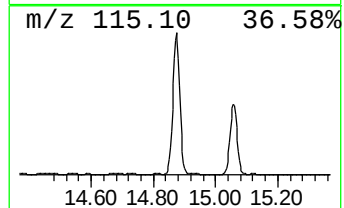
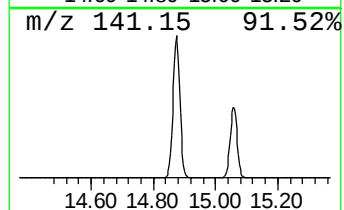
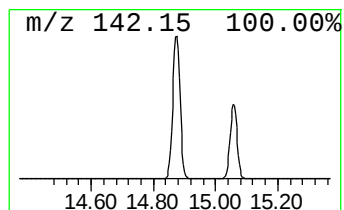
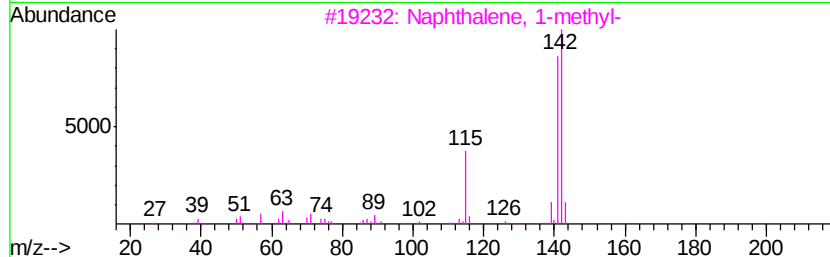
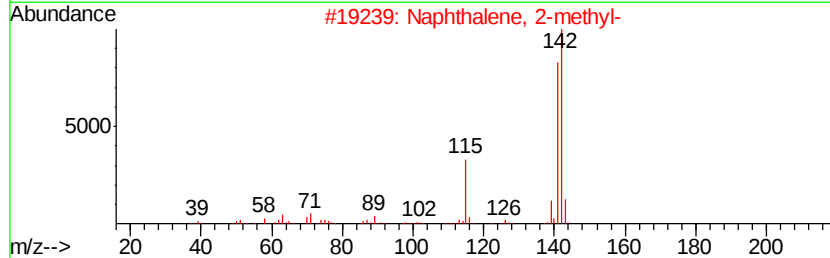
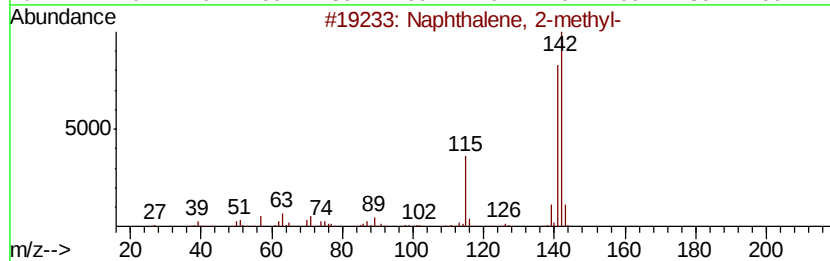
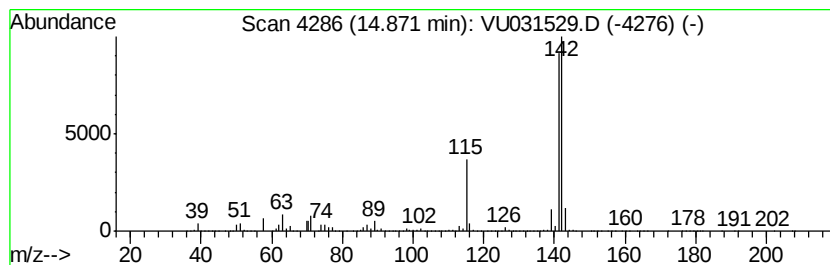
Instrument :
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ClientSampleId :
GAHX5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 28 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	960.41 ug/L	49633900	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 93
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 93



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

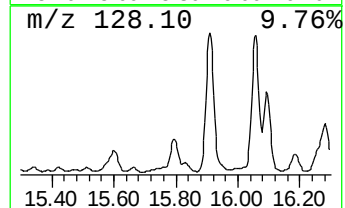
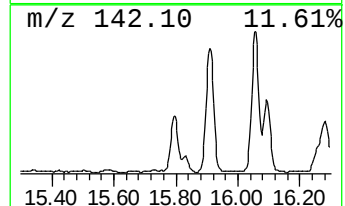
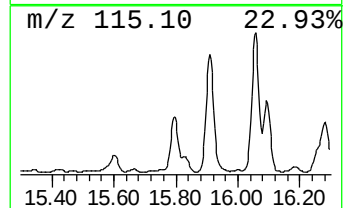
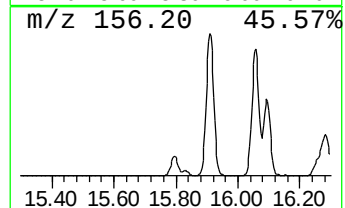
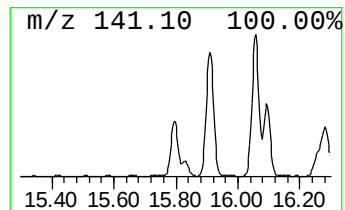
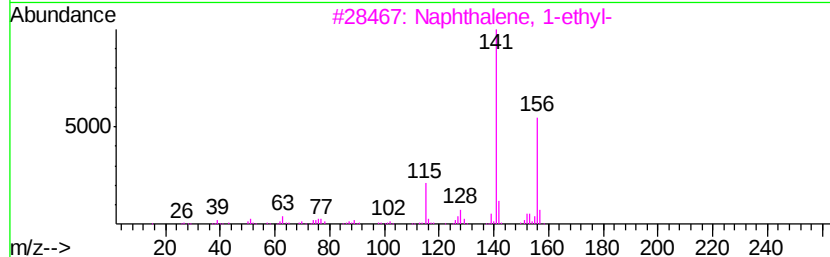
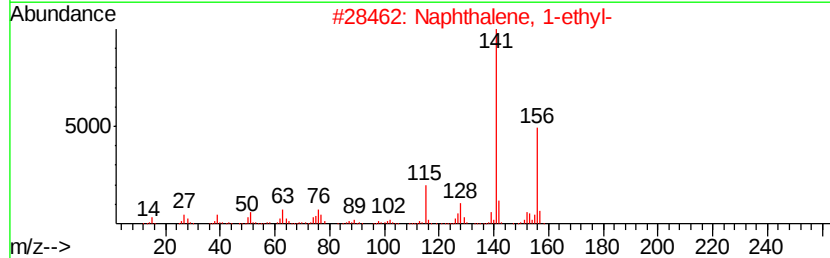
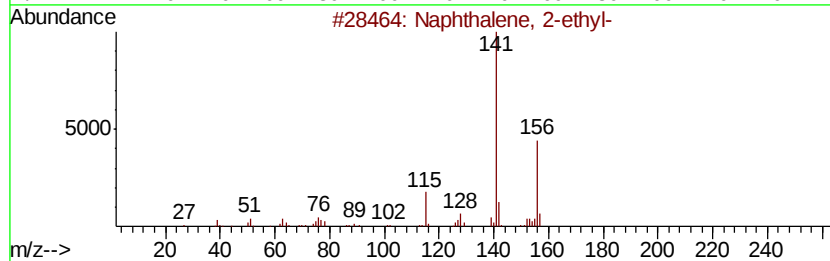
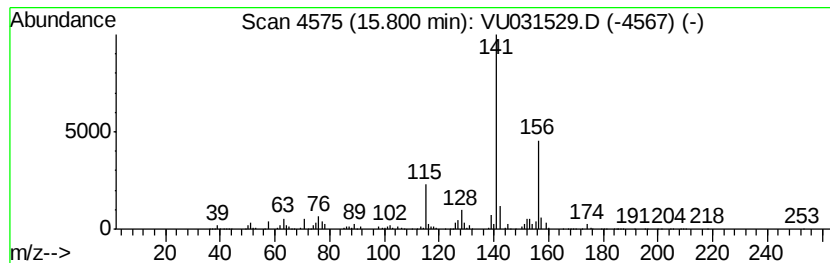
Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 31 Naphthalene, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	45.27 ug/L	2339780	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 97
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

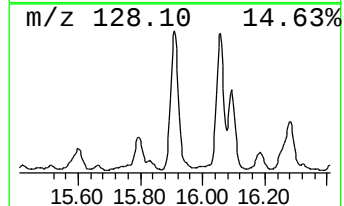
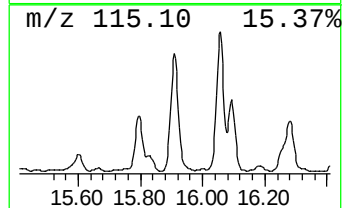
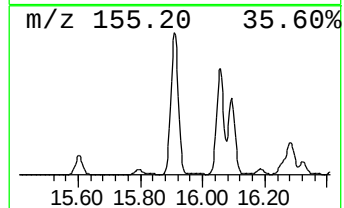
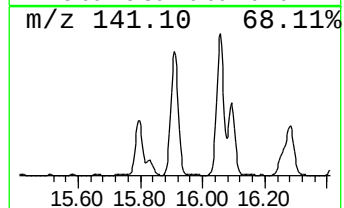
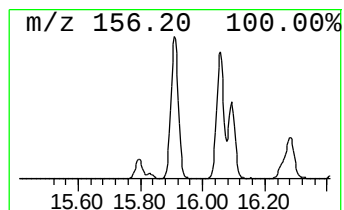
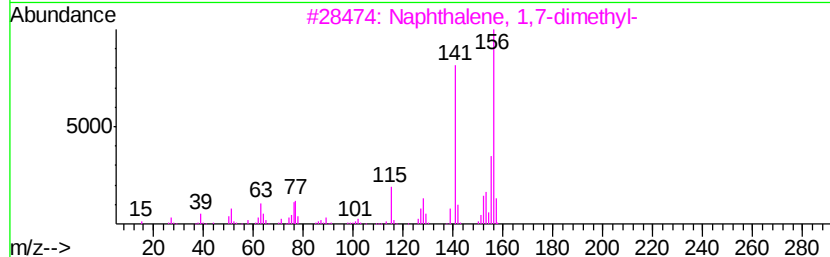
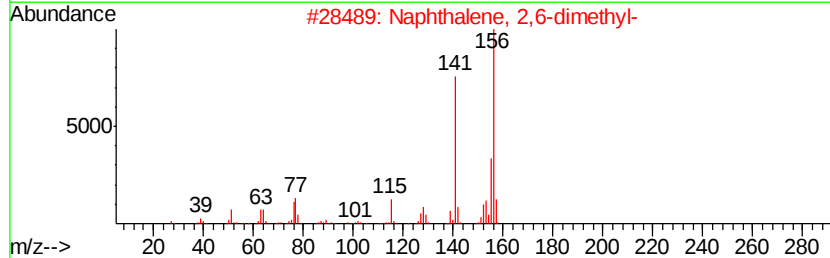
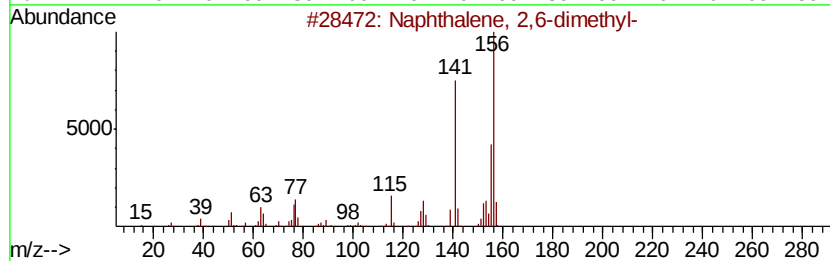
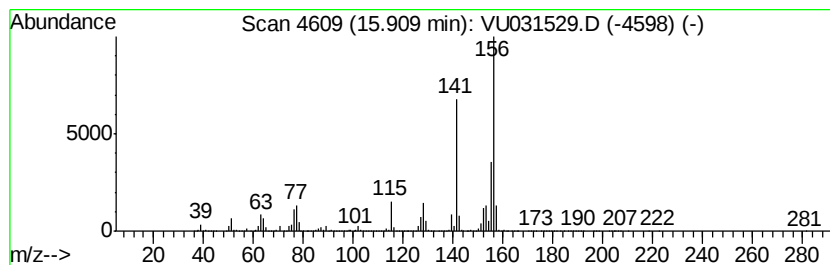
Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 32 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.91	293.97 ug/L	15192400	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

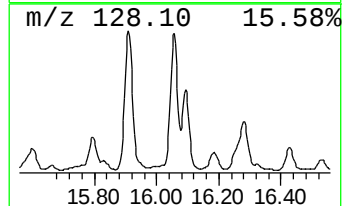
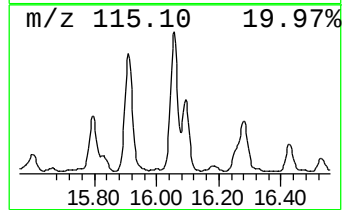
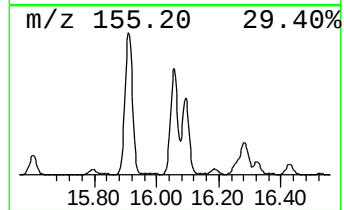
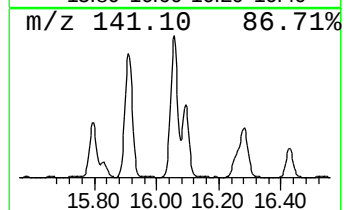
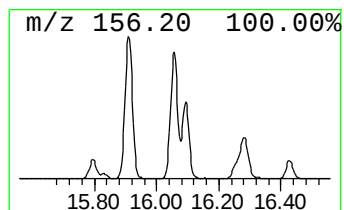
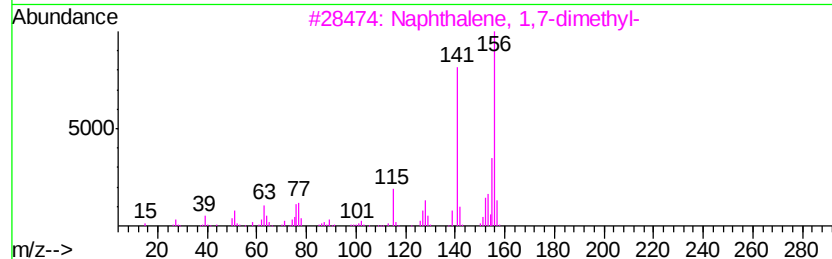
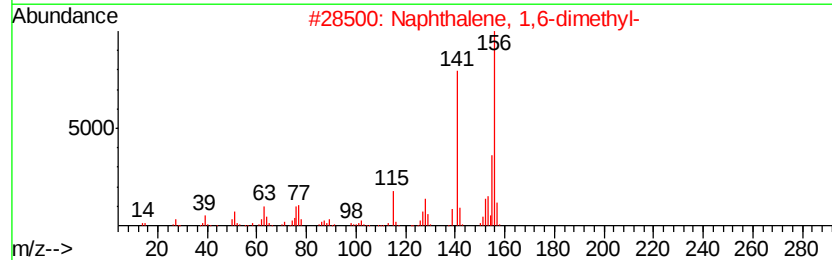
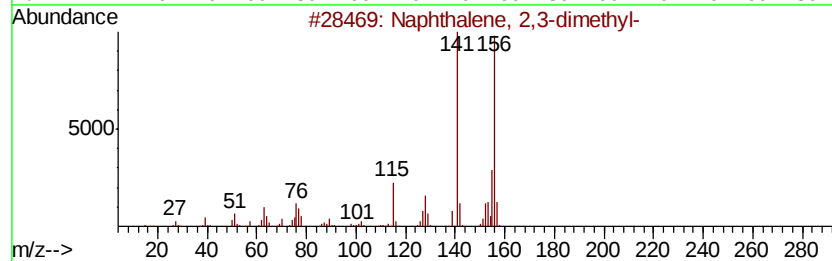
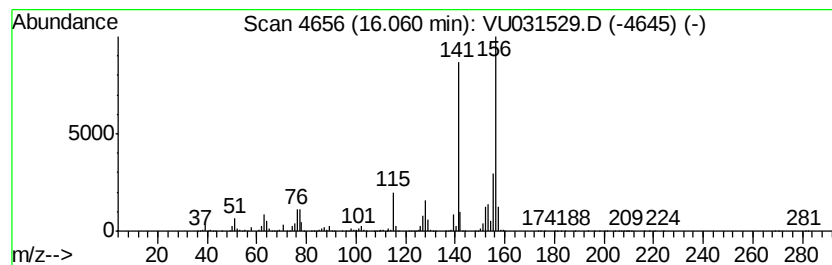
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Quant Title : VOC Analysis

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

Peak Number 33 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	250.43 ug/L	12942000	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

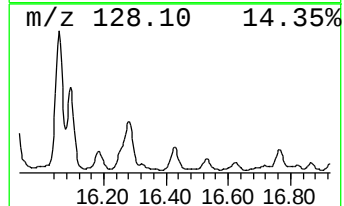
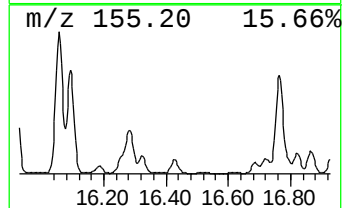
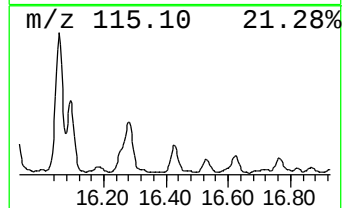
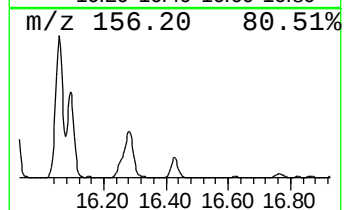
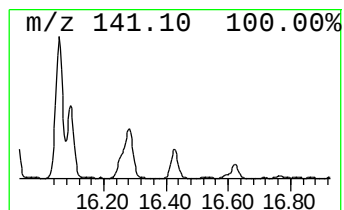
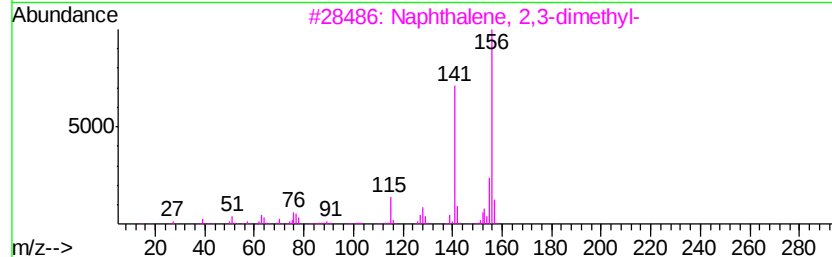
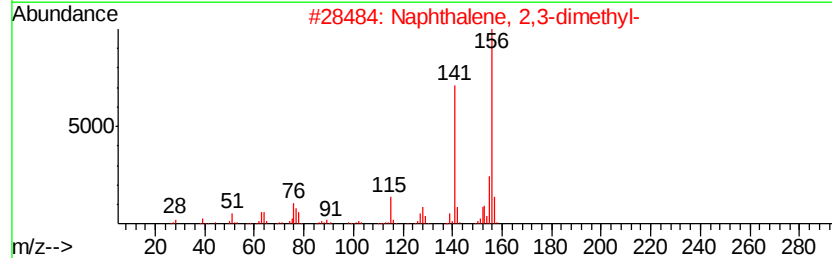
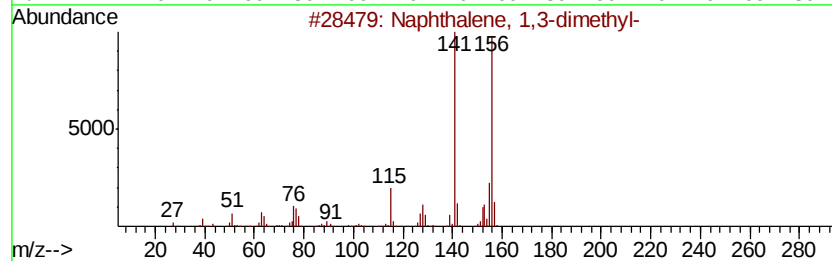
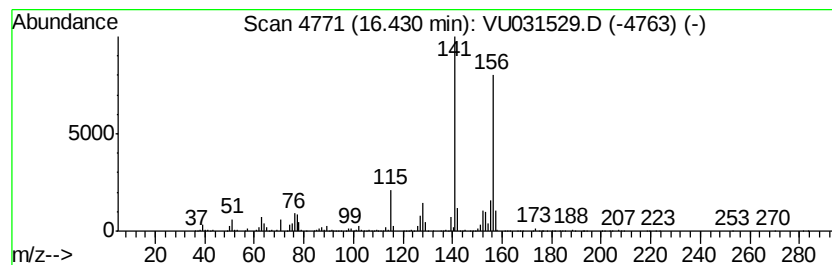
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Quant Title : VOC Analysis

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

Peak Number 37 Naphthalene, 1,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	37.07 ug/L	1915800	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10a/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

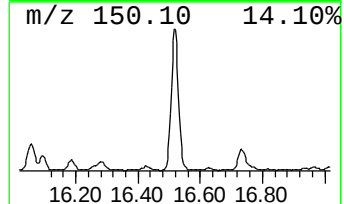
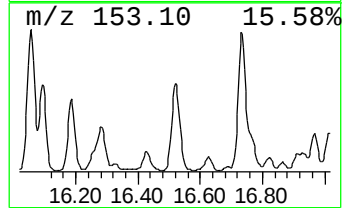
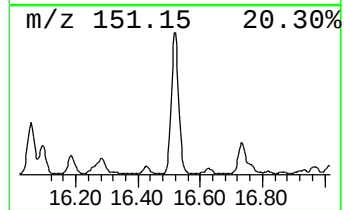
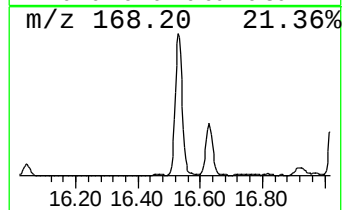
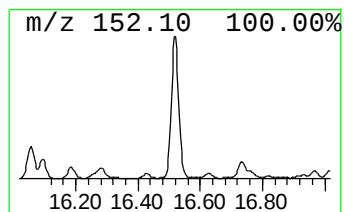
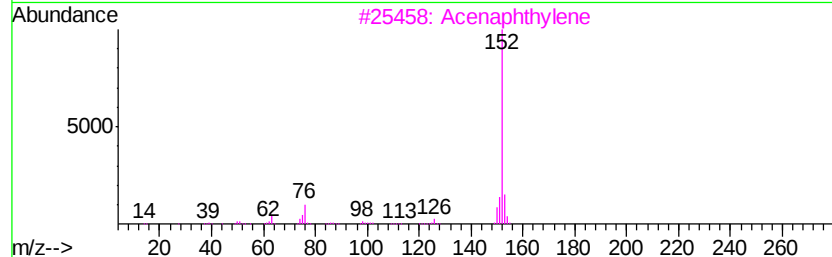
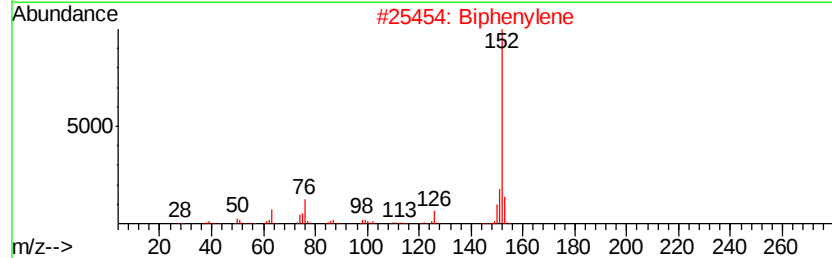
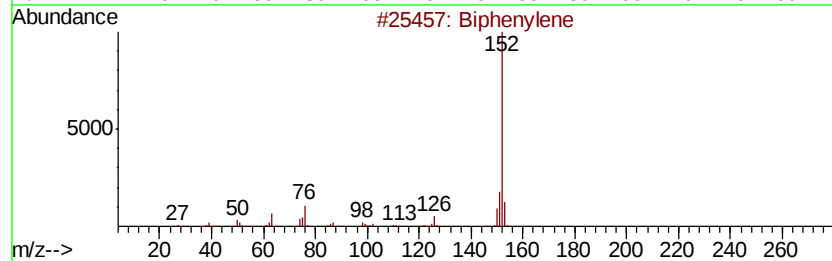
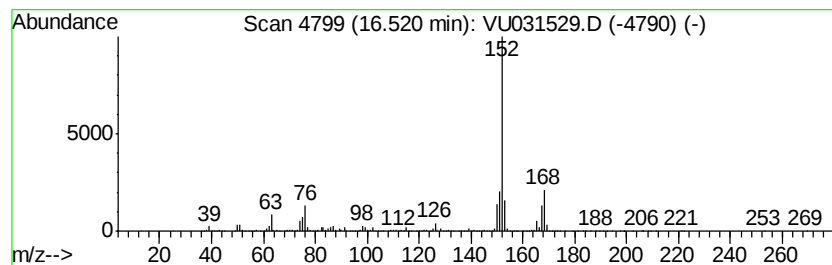
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Quant Title : VOC Analysis

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

Peak Number 38 Biphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	113.48 ug/L	5864810	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	92
2		Biphenylene	152	C12H8	000259-79-0	86
3		Acenaphthylene	152	C12H8	000208-96-8	70
4		Acenaphthylene	152	C12H8	000208-96-8	60
5		1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

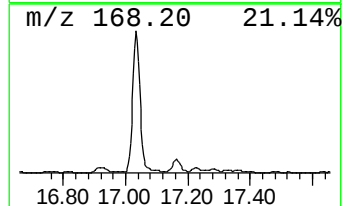
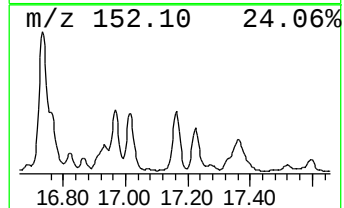
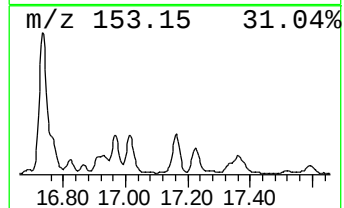
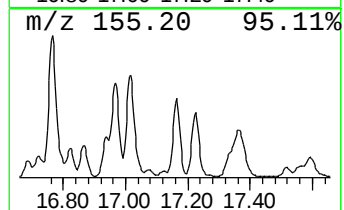
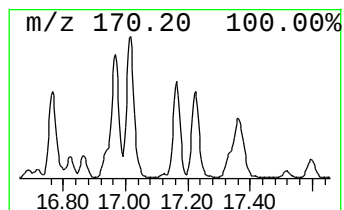
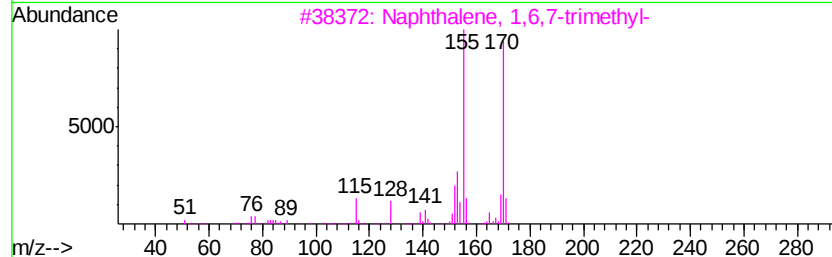
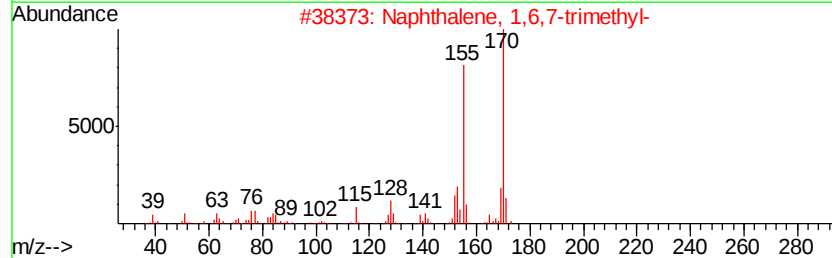
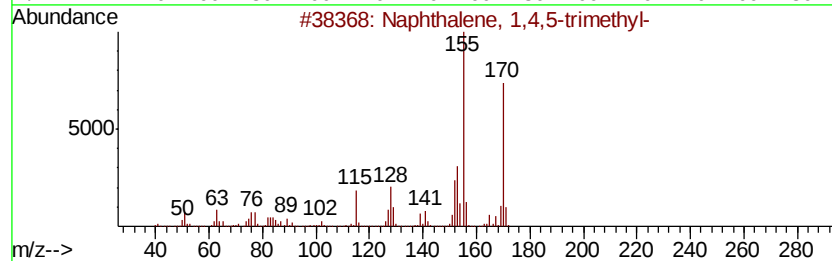
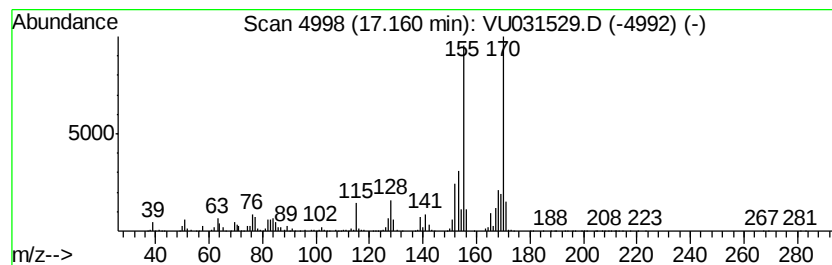
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Quant Title : VOC Analysis

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

Peak Number 40 Naphthalene, 1,4,5-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	34.42 ug/L	1778830	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042719\
Data File : VU031529.D
Acq On : 26 Apr 2019 13:48
Operator : JC/SP
Sample : K2481-22ME 5X
Misc : 5.10µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX5ME

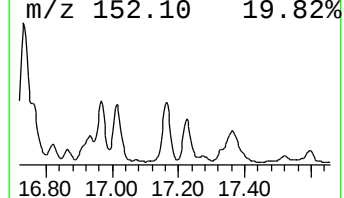
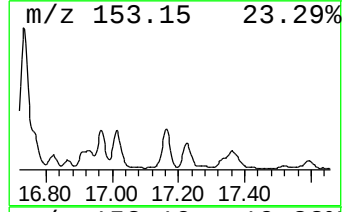
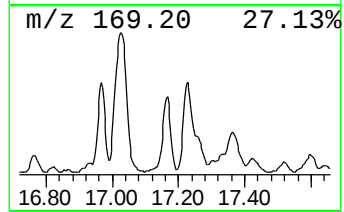
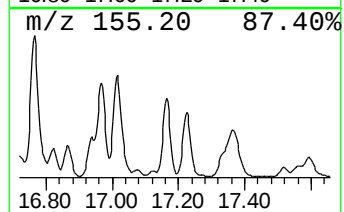
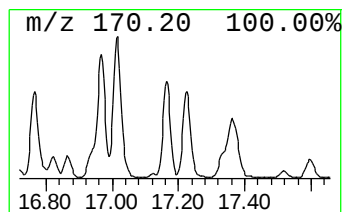
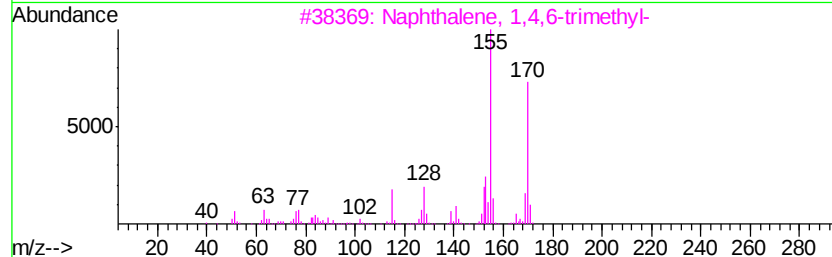
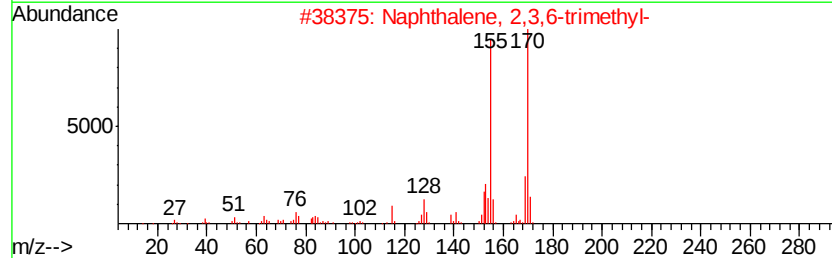
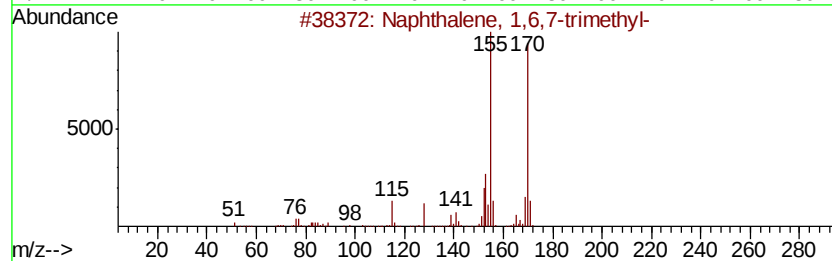
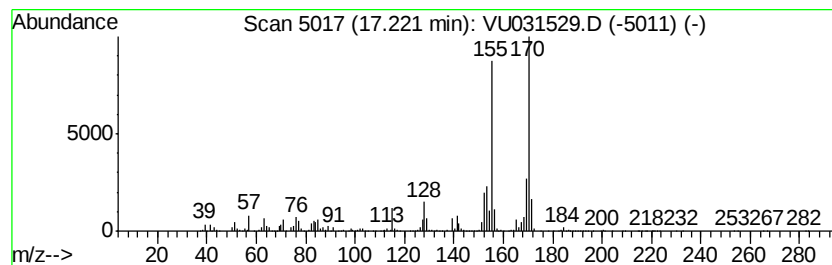
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Quant Title : VOC Analysis

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

Peak Number 41 Naphthalene, 1,6,7-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	26.79 ug/L	1384620	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042719\
 Data File : VU031529.D
 Acq On : 26 Apr 2019 13:48
 Operator : JC/SP
 Sample : K2481-22ME 5X
 Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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
(DEL) Alkane: Str...	9.44	10.5	ug/L	547884	2	9.09	2613450	50.0
(DEL) Alkane: Str...	9.95	3.3	ug/L	173542	2	9.09	2613450	50.0
Benzene, propyl-	10.58	4.2	ug/L	218258	3	11.48	2583990	50.0
Benzene, 1-ethyl-...	10.68	44.5	ug/L	2298620	3	11.48	2583990	50.0
Benzene, 1,2,3-tr...	10.77	50.3	ug/L	2598160	3	11.48	2583990	50.0
(DEL) Alkane: Str...	10.81	27.3	ug/L	1413080	3	11.48	2583990	50.0
Benzene, 1-ethyl-...	10.97	9.5	ug/L	493117	3	11.48	2583990	50.0
Benzene, 1-etheny...	11.21	52.5	ug/L	2712940	3	11.48	2583990	50.0
Benzofuran	11.40	53.5	ug/L	2764070	3	11.48	2583990	50.0
Indane	11.76	23.7	ug/L	1226120	3	11.48	2583990	50.0
Indene	11.98	379.9	ug/L	19633800	3	11.48	2583990	50.0
(DEL) Alkane: Str...	12.02	41.7	ug/L	2156750	3	11.48	2583990	50.0
Benzene, 1-ethyl-...	12.14	5.8	ug/L	301589	3	11.48	2583990	50.0
Benzofuran, 7-met...	12.60	27.8	ug/L	1434580	3	11.48	2583990	50.0
Benzofuran, 2-met...	12.70	89.9	ug/L	4643730	3	11.48	2583990	50.0
Benzene, (1-methy...	12.96	15.8	ug/L	815767	3	11.48	2583990	50.0
(DEL) Alkane: Str...	13.12	101.8	ug/L	5262100	3	11.48	2583990	50.0
2-Methylindene	13.18	115.7	ug/L	5981360	3	11.48	2583990	50.0
Benzo[b]thiophene	13.86	75.9	ug/L	3920740	3	11.48	2583990	50.0
(DEL) Alkane: Str...	14.14	49.0	ug/L	2530350	3	11.48	2583990	50.0
1H-Indene, 1,3-di...	14.33	45.4	ug/L	2348080	3	11.48	2583990	50.0
Naphthalene, 1-me...	14.87	960.4	ug/L	49633900	3	11.48	2583990	50.0
Naphthalene, 2-et...	15.80	45.3	ug/L	2339780	3	11.48	2583990	50.0
Naphthalene, 2,6-...	15.91	294.0	ug/L	15192400	3	11.48	2583990	50.0
Naphthalene, 2,3-...	16.06	250.4	ug/L	12942000	3	11.48	2583990	50.0
Naphthalene, 1,3-...	16.43	37.1	ug/L	1915800	3	11.48	2583990	50.0
Biphenylene	16.52	113.5	ug/L	5864810	3	11.48	2583990	50.0
Naphthalene, 1,4,...	17.16	34.4	ug/L	1778830	3	11.48	2583990	50.0
Naphthalene, 1,6,...	17.22	26.8	ug/L	1384620	3	11.48	2583990	50.0