LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	0.292	42	45	49	rBV4	1611	1207	0.00%	0.000%
2	0.337	53	59	64	rBV6	1286	1763	0.00%	0.000%
3	0.437	86	90	93	rVB	1398	1178	0.00%	0.000%
4	0.495	106	108	115	rVB5	1736	1904	0.00%	0.000%
5	0.534	115	120	122	rBV	1821	1299	0.00%	0.000%
6	0.665	158	161	164	rVB2	1546	1195	0.00%	0.000%
7	0.685	164	167	170	rBV2	1557	1058	0.00%	0.000%
8	0.704	170	173	178	rBV5	1316	1252	0.00%	0.000%
9	0.736	178	183	188	rBV5	1387	1351	0.00%	0.000%
10	1.087	276	292	315	rBV	7372432	8263949	11.65%	1.906%
11	1.395	381	388	402	rBV	496094	544519	0.77%	0.126%
12	1.678	469	476	488	rBV	399796	494180	0.70%	0.114%
13	2.267	647	659	672	rVB	873384	1340132	1.89%	0.309%
14	2.460	717	719	721	rBV3	2318	1528	0.00%	0.000%
15	2.611	762	766	768	rBV2	2019	1563	0.00%	0.000%
16	2.694	786	792	800	rBV7	6243	8627	0.01%	0.002%
17	2.775	814	817	820	rVB3	1878	1177	0.00%	0.000%
18	2.794	820	823	826	rBV3	1743	1544	0.00%	0.000%
19	2.829	829	834	844	rVB7	2788	4894	0.01%	0.001%
20	2.878	844	849	855	rVB6	1623	2326	0.00%	0.001%
21	2.910	855	859	861	rBV3	1482	1106	0.00%	0.000%
22	3.260	964	968	971	rBV3	1878	1600	0.00%	0.000%
23	3.289	974	977	981	rVV3	1233	1325	0.00%	0.000%
24	3.373	1000	1003	1010	rVB5	1808	1616	0.00%	0.000%
25	3.553	1057	1059	1066	rVB5	1232	1055	0.00%	0.000%
26	3.749	1114	1120	1122	rBV4	1503	1519	0.00%	0.000%
27	3.804	1133	1137	1140	rVB3	1322	1067	0.00%	0.000%
28	3.984	1187	1193	1194	rBV2	1225	1329	0.00%	0.000%
29	4.186	1243	1256	1303	rBV2	371774	1195834	1.69%	0.276%
30	4.643	1378	1398	1425	rBV	633656	1509437	2.13%	0.348%
31	4.836	1455	1458	1462	rVB4	1577	1269	0.00%	0.000%
32	4.871	1465	1469	1471	rBV2	2738	2207	0.00%	0.001%
33	4.987	1497	1505	1509	rVV7	3212	4688	0.01%	0.001%
34	5.070	1529	1531	1537	rVB4	1876	1520	0.00%	0.000%

LSC Area Percent Report

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Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	5.334	1588	1613	1645	rBV2	1335795	3978483	5.61%	0.918%
36	5.823	1760	1765	1767	rVB4	1527	1174	0.00%	0.000%
37	5.881	1767	1783	1819	rBV	1260677	2584855	3.64%	0.596%
38	6.176	1868	1875	1889	rVB10	14119	30301	0.04%	0.007%
39	6.324	1907	1921	1941	rBV	899204	1819317	2.56%	0.420%
40	6.701	2035	2038	2043	rVB4	1680	1093	0.00%	0.000%
41	6.746	2048	2052	2056	rBV2	1833	1890	0.00%	0.000%
42	6.884	2090	2095	2100	rBV6	2514	2884	0.00%	0.001%
43	6.938	2109	2112	2115	rVB3	1650	1187	0.00%	0.000%
44	7.225	2189	2201	2223	rBV	496555	920924	1.30%	0.212%
45	7.562	2292	2306	2319	rBV	1654978	2972678	4.19%	0.686%
46	7.633	2320	2328	2347	rVB	348275	656625	0.93%	0.151%
47	7.848	2382	2395	2425	rBV	337615	611924	0.86%	0.141%
48	8.064	2459	2462	2465	rBV2	1689	1395	0.00%	0.000%
49	8.176	2495	2497	2503	rVB4	2597	1806	0.00%	0.000%
50	8.315	2527	2540	2583	rBV	1400299	2733716	3.85%	0.631%
51	8.594	2623	2627	2628	rBV3	3261	2284	0.00%	0.001%
52	8.668	2648	2650	2655	rVB4	1878	1478	0.00%	0.000%
53	9.028	2757	2762	2768	rBV4	8966	11250	0.02%	0.003%
54	9.086	2768	2780	2815	rVV	1818692	3160555	4.46%	0.729%
55	9.247	2816	2830	2857	rVV	10535347	17367220	24.48%	4.007%
56	9.372	2858	2869	2883	rVV	4617508	7628176	10.75%	1.760%
57	9.440	2885	2890	2912	rVB	262436	428173	0.60%	0.099%
58	9.646	2948	2954	2961	rBV9	13804	22060	0.03%	0.005%
59	9.778	2983	2995	3030	rVB4	5827534	10790135	15.21%	2.489%
60	9.948	3041	3048	3057	rVB2	157045	237951	0.34%	0.055%
61	10.041	3070	3077	3085	rBV4	108224	166233	0.23%	0.038%
62	10.163	3106	3115	3123	rBV2	114507	195748	0.28%	0.045%
63	10.430	3187	3198	3210	rBV	1205280	2239077	3.16%	0.517%
64	10.585	3238	3246	3254	rBV	285963	420194	0.59%	0.097%
65	10.700	3270	3282	3290	rBV	647664	1132443	1.60%	0.261%
66	10.768	3291	3303	3309	rVV	1666199	2883481	4.07%	0.665%
67	10.810	3310	3316	3328	rVB	1962844	2797604	3.94%	0.645%
68	10.970	3357	3366	3367	rBV2	472593	574207	0.81%	0.132%
69	11.112	3402	3410	3412	rBV	818915	981909	1.38%	0.227%
70	11.144	3413	3420	3431	rVV	5073558	7689026	10.84%	1.774%
71	11.212	3432	3441	3449	rVV	3820465	5683617	8.01%	1.311%

LSC Area Percent Report

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Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	11.260	3450	3456	3468	rVB	1904563	2769036	3.90%	0.639%
73	11.395	3490	3498	3505	rBV3	888310	1408078	1.99%	0.325%
74	11.478	3516	3524	3533	rBV	1973084	2937546	4.14%	0.678%
75	11.565	3544	3551	3559	rBV	1859763	2540617	3.58%	0.586%
76	11.697	3587	3592	3602	rVB2	618653	850952	1.20%	0.196%
77	11.761	3604	3612	3620	rBV	1126569	1933624	2.73%	0.446%
78	11.858	3633	3642	3659	rVB4	2785792	5737290	8.09%	1.324%
79	11.977	3668	3679	3687	rBV	19143385	30131693	42.48%	6.951%
80	12.353	3790	3796	3802	rBV3	814130	1225831	1.73%	0.283%
81	12.607	3866	3875	3881	rBV	2627553	4129433	5.82%	0.953%
82	12.700	3896	3904	3922	rBV4	2349314	6592093	9.29%	1.521%
83	13.118	4026	4034	4046	rBV4	5318028	9321570	13.14%	2.150%
84	13.179	4048	4053	4065	rVB	3334691	4750201	6.70%	1.096%
85	13.285	4076	4086	4106	rBV6	5709702	12595630	17.76%	2.906%
86	13.739	4216	4227	4237	rVB2	35791661	57379340	80.90%	13.237%
87	14.334	4404	4412	4423	rBV8	2487002	4658152	6.57%	1.075%
88	14.874	4569	4580	4592	rBV2	45536904	70930607	100.00%	16.363%
89	15.057	4627	4637	4655	rVB	18863937	30447319	42.93%	7.024%
90	15.793	4858	4866	4875	rBV	7432341	11347878	16.00%	2.618%
91	15.909	4891	4902	4915	rBV	15204593	25797351	36.37%	5.951%
92	16.054	4938	4947	4954	rBV	12302350	19322747	27.24%	4.458%
93	16.092	4955	4959	4976	rVB	6998563	9816905	13.84%	2.265%
94	16.279	5002	5017	5026	rBV	3615016	8055947	11.36%	1.858%
95	16.427	5056	5063	5073	rVB	1553839	2295688	3.24%	0.530%
96	16.520	5083	5092	5108	rVB2	2623439	4790878	6.75%	1.105%
97	16.729	5151	5157	5163	rBV	1352372	1974796	2.78%	0.456%
98	17.015	5239	5246	5271	rVB3	1198509	3082711	4.35%	0.711%
99	17.163	5285	5292	5302	rVB2	830117	1266603	1.79%	0.292%
100	17.224	5304	5311	5336	rVB3	678033	1246865	1.76%	0.288%

Sum of corrected areas: 433472672

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
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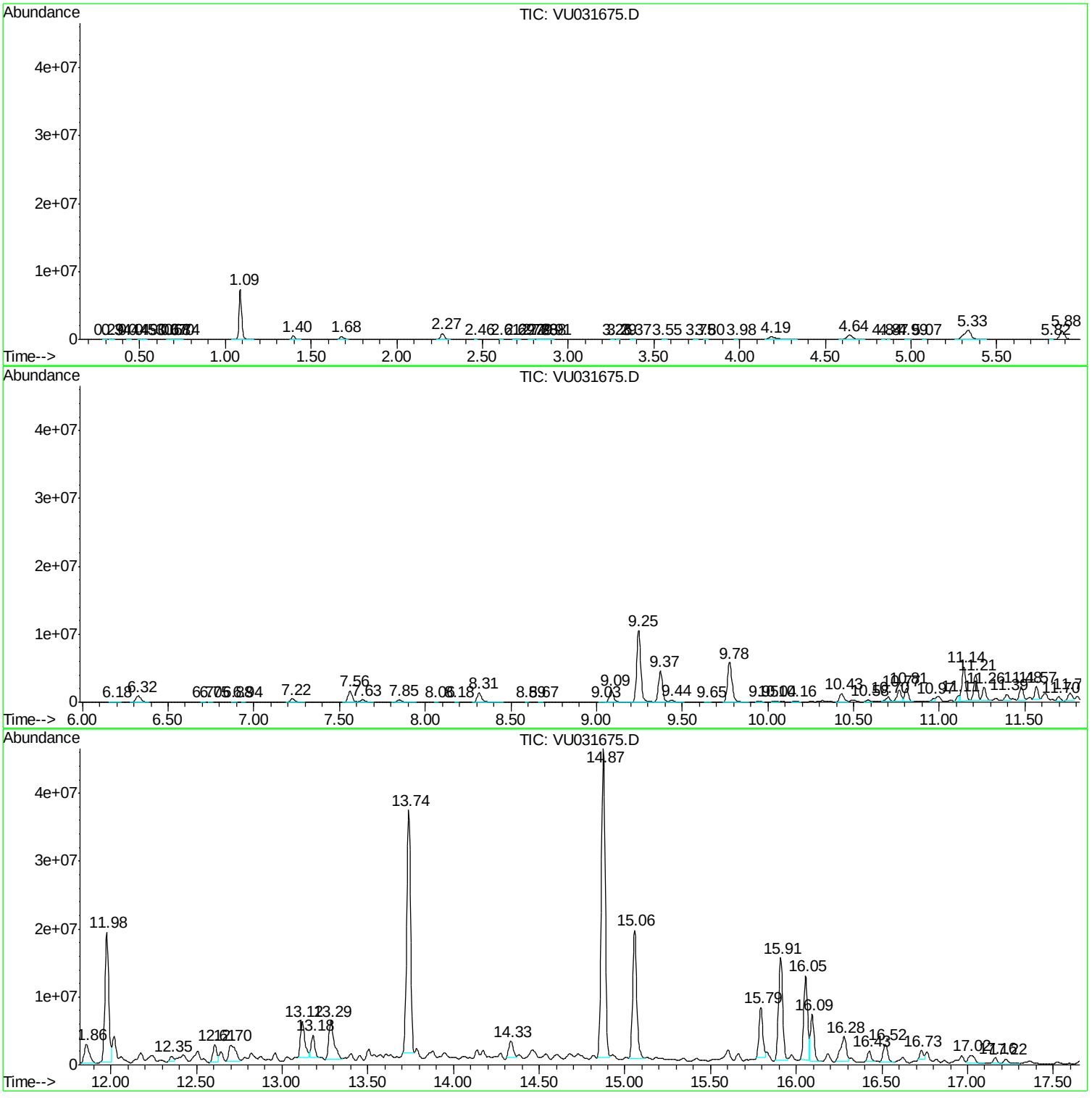
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

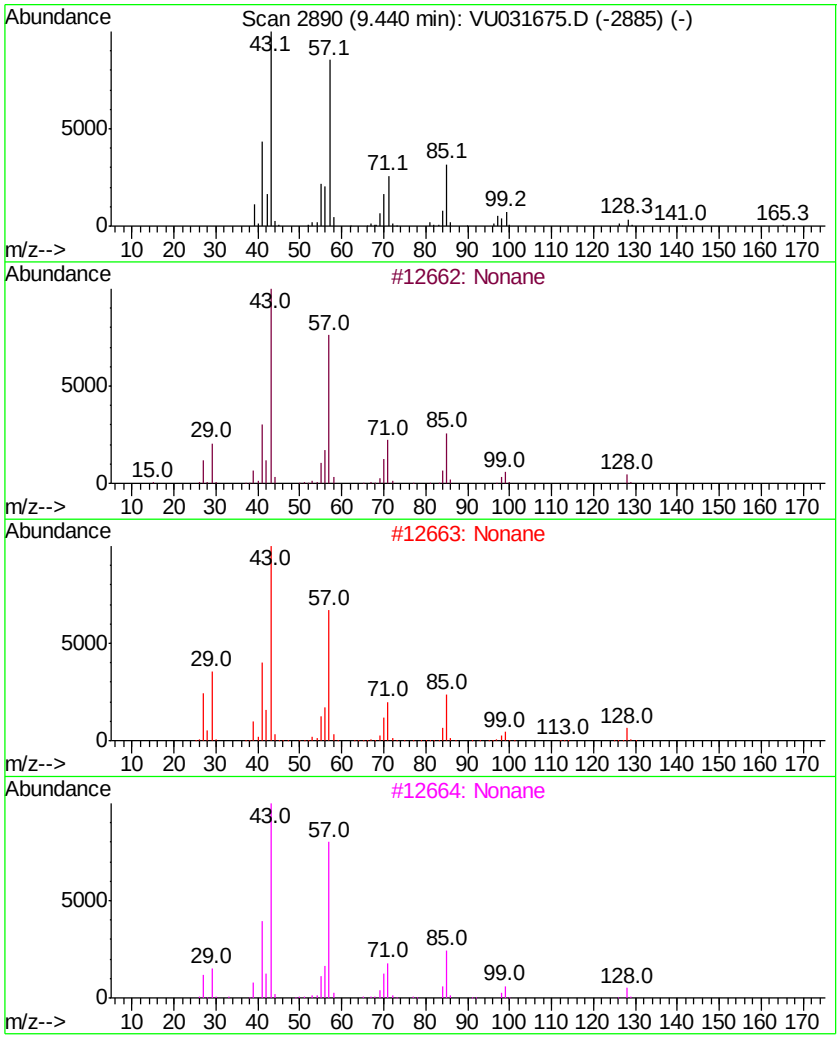
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

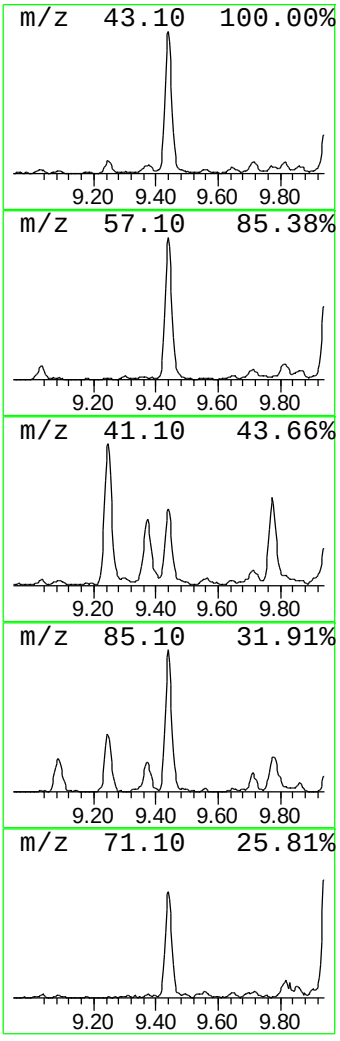
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	6.77 ug/L	428173	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	86
3	Nonane	128	C9H20	000111-84-2	78
4	Decane	142	C10H22	000124-18-5	64
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

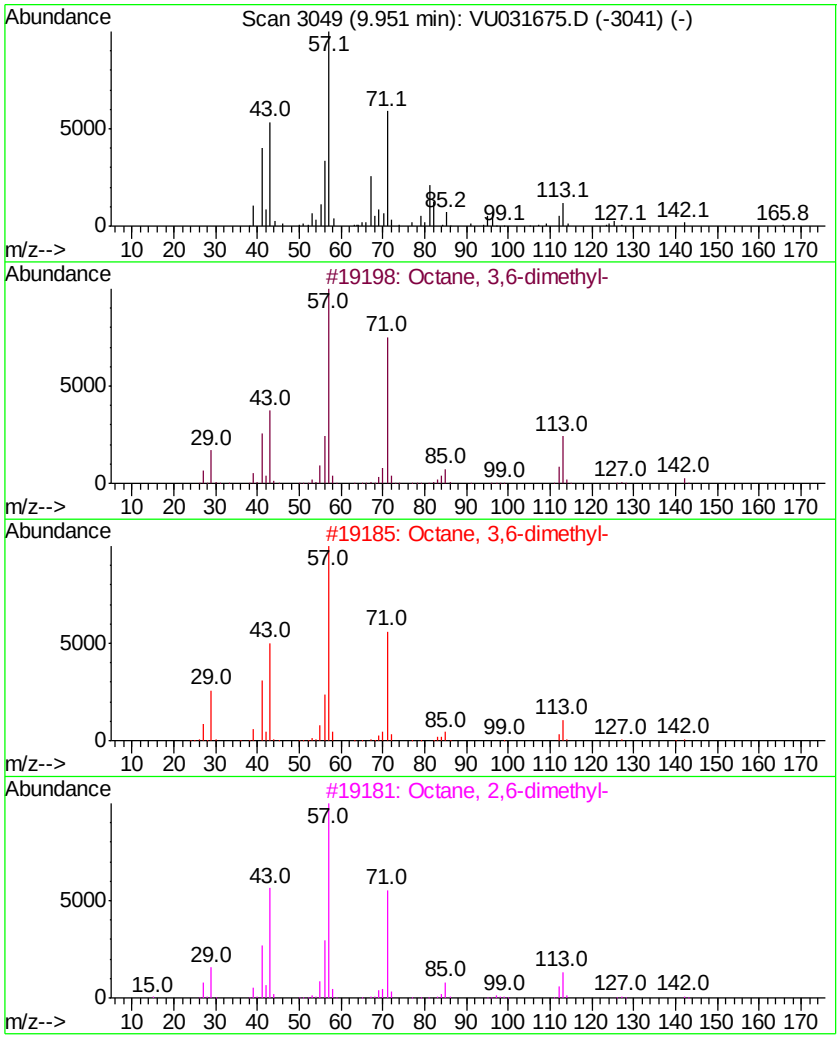
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

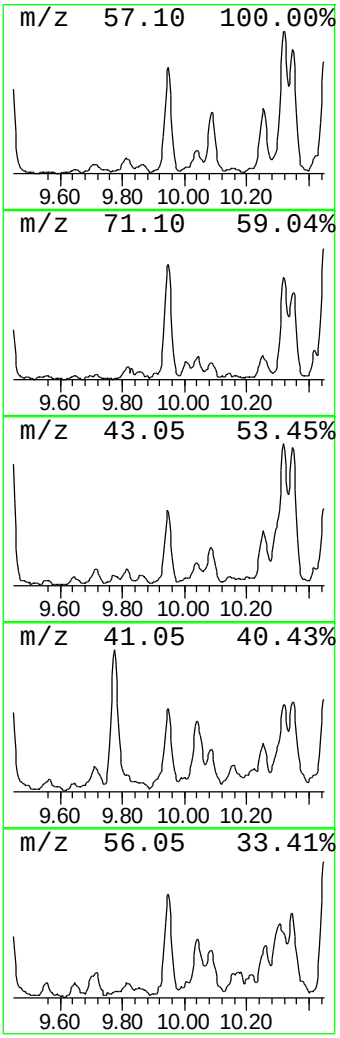
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.76 ug/L	237951	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
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Acq On : 01 May 2019 11:37
Operator : JC/SP
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Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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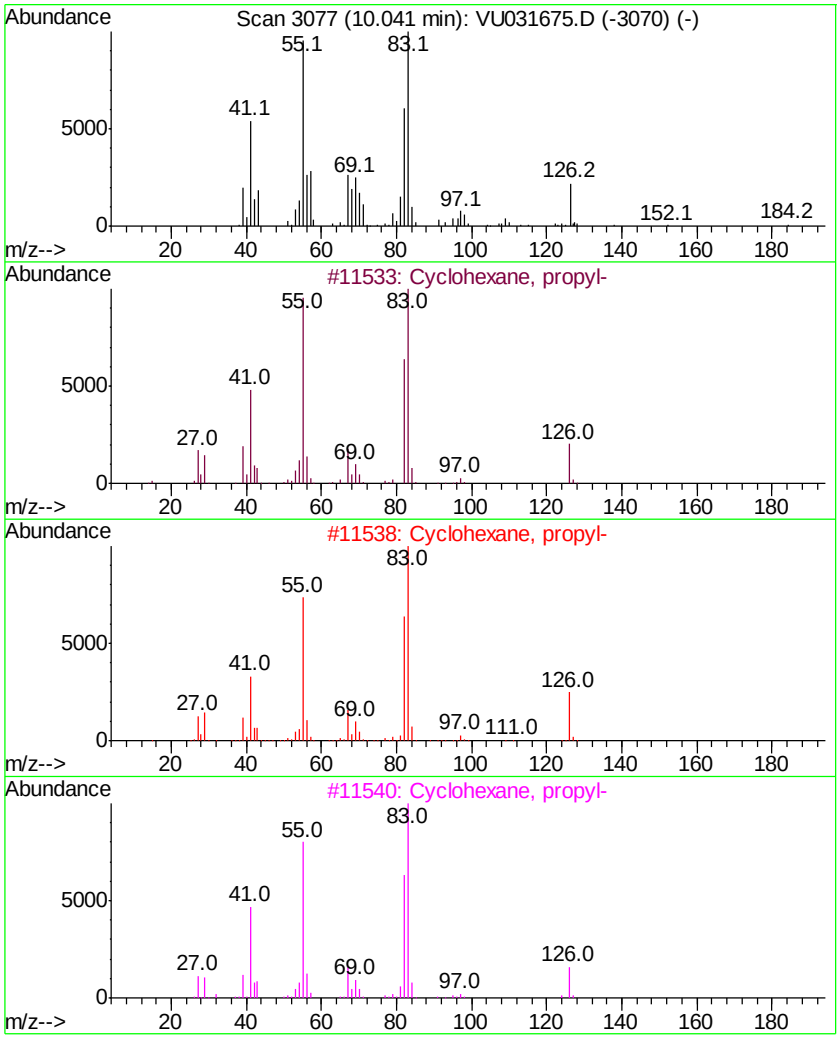
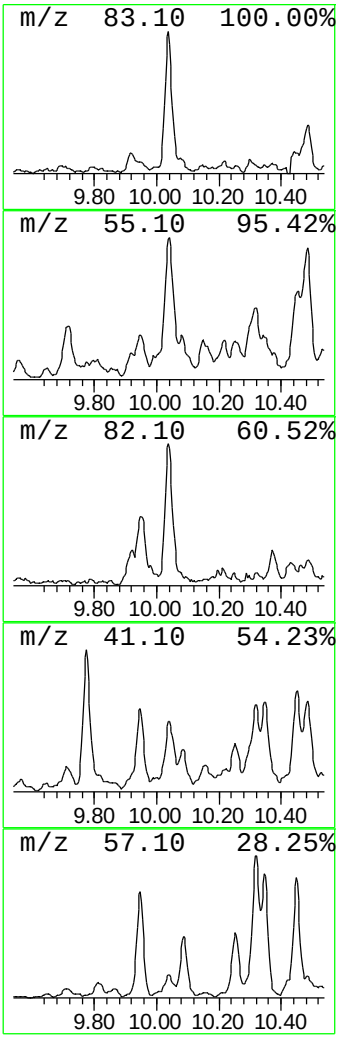
Peak Number 5 (DEL) Alkane: Cyclic10.04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.63 ug/L	166233	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
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Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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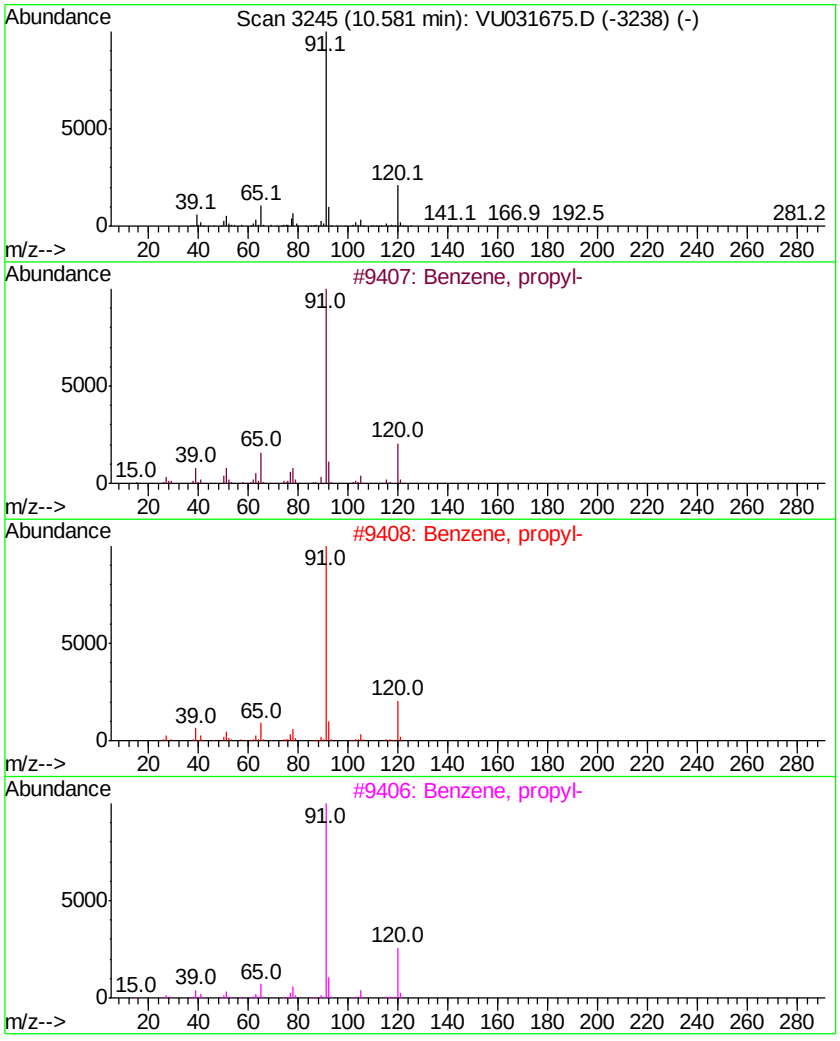
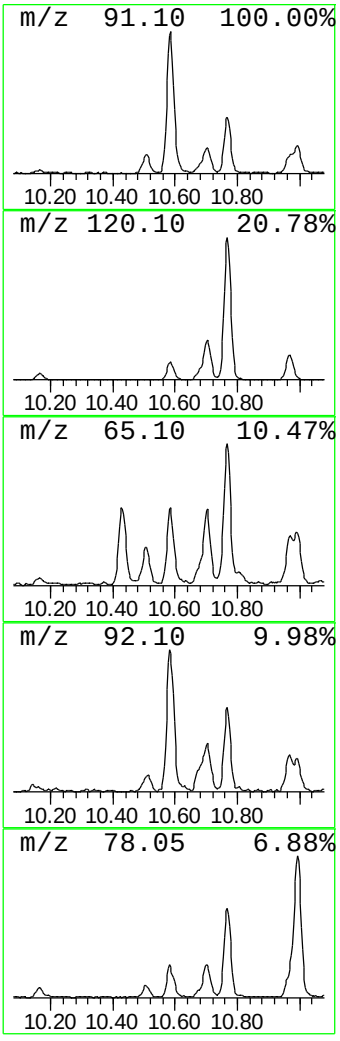
Peak Number 6 Benzene, propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	7.15 ug/L	420194	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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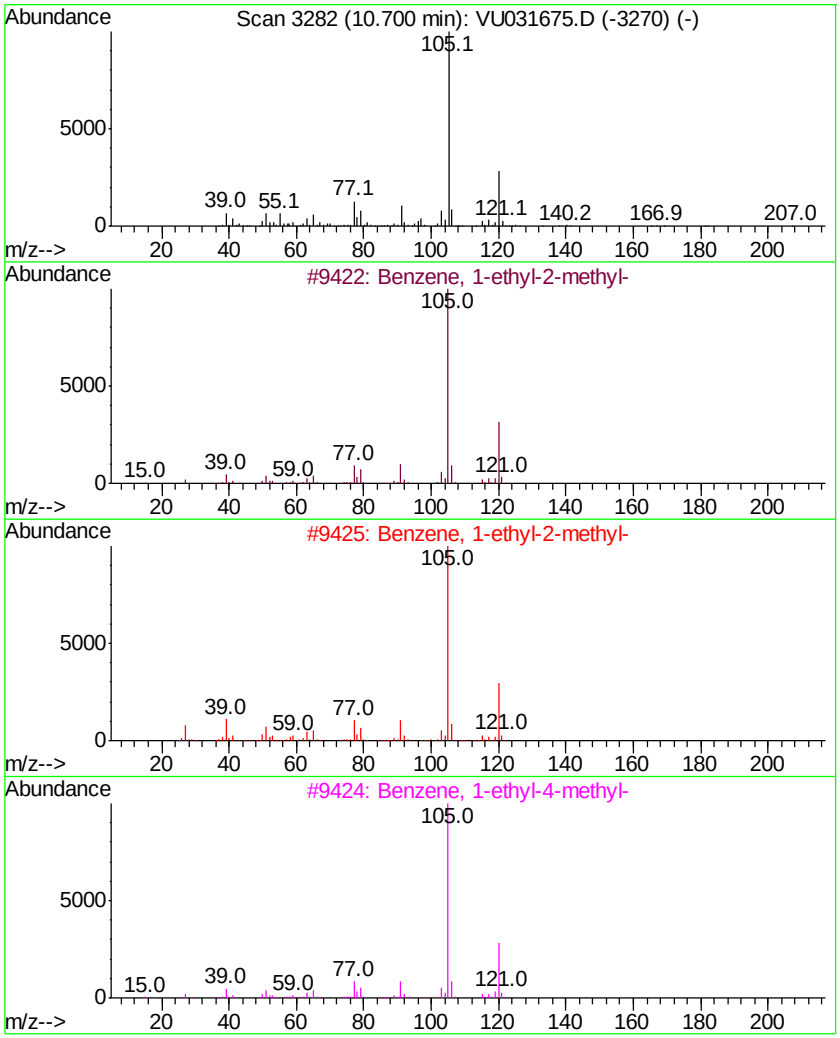
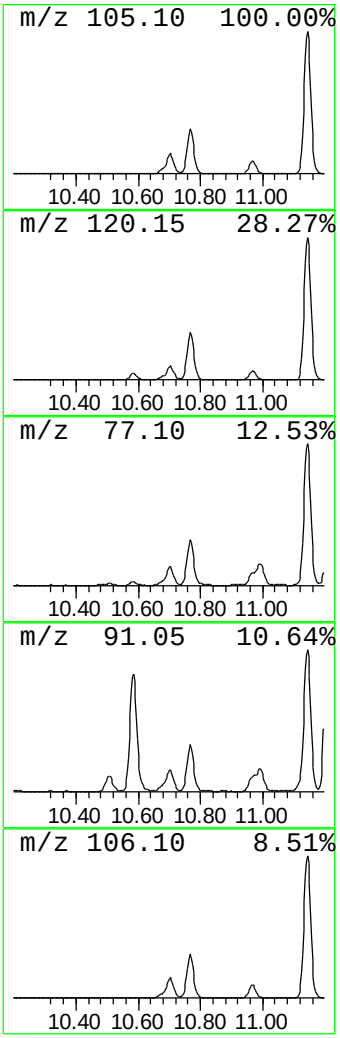
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	19.28 ug/L	1132440	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

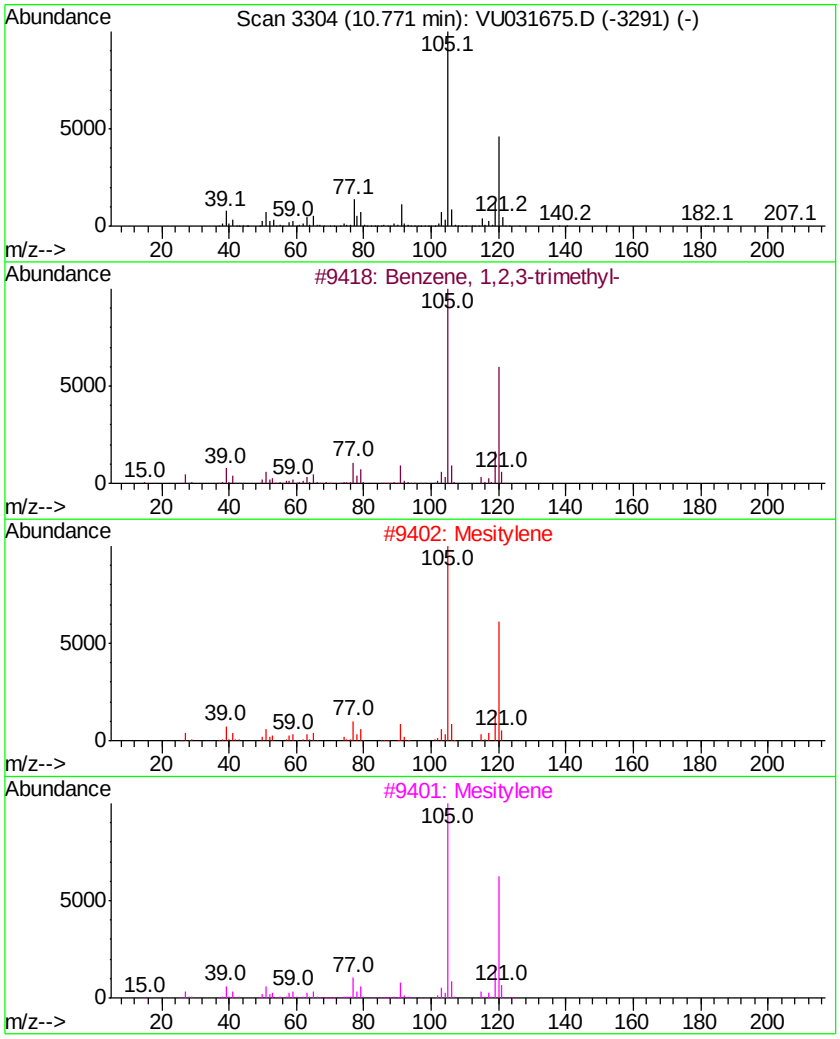
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

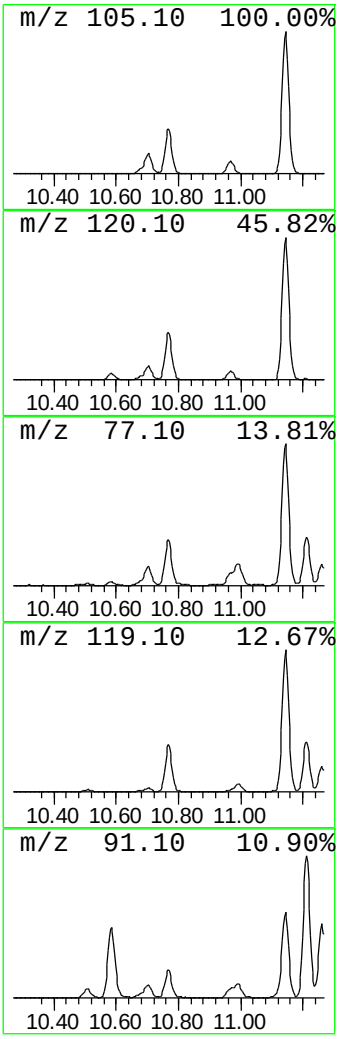
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	49.08 ug/L	2883480	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	95





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

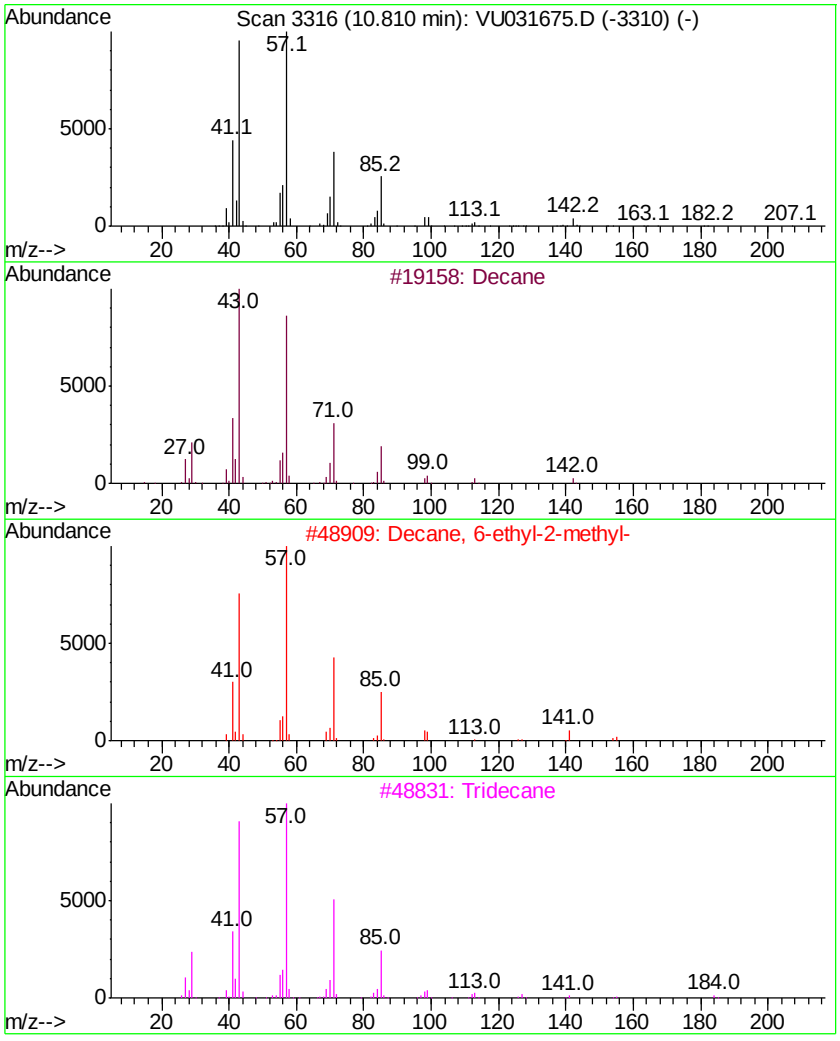
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

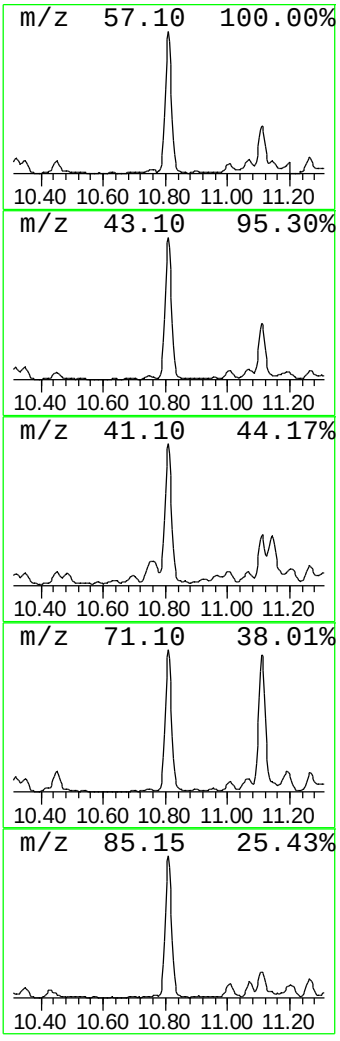
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	47.62 ug/L	2797600	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Undecane	156	C11H24	001120-21-4	64
5	Decane	142	C10H22	000124-18-5	64





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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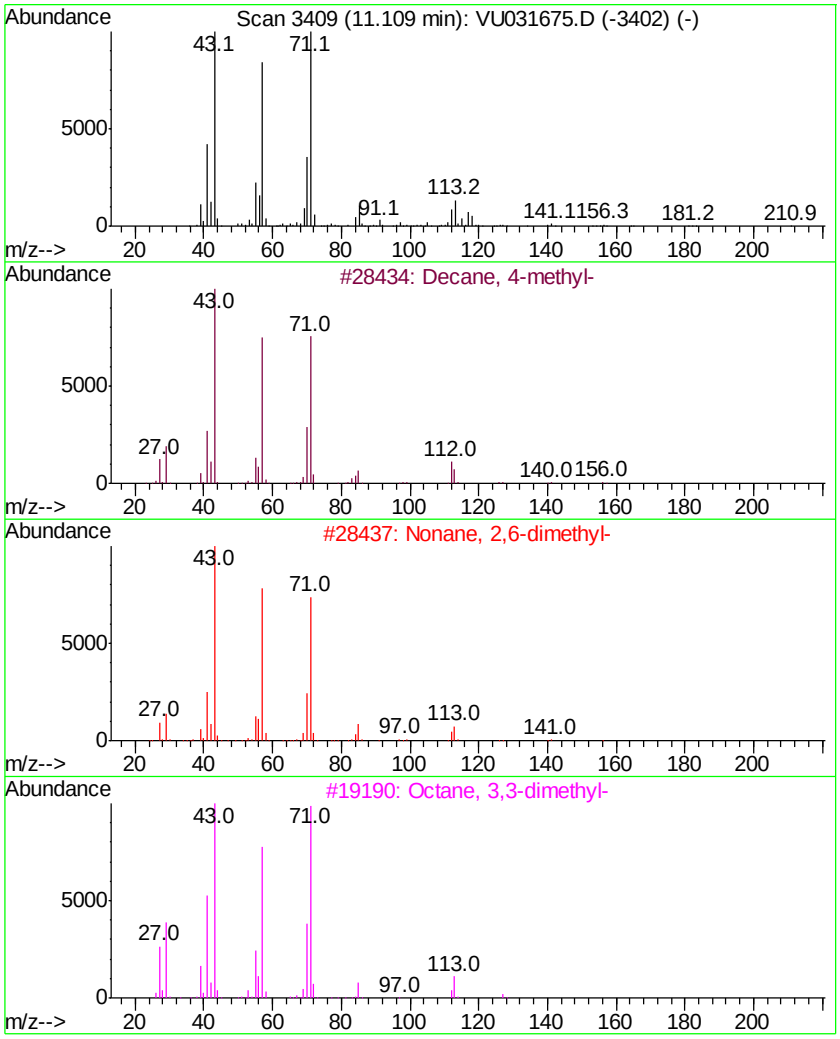
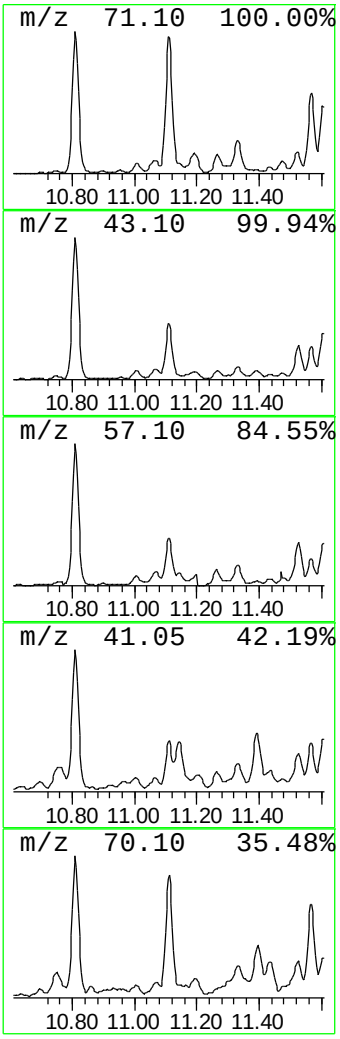
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	16.71 ug/L	981909	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	81
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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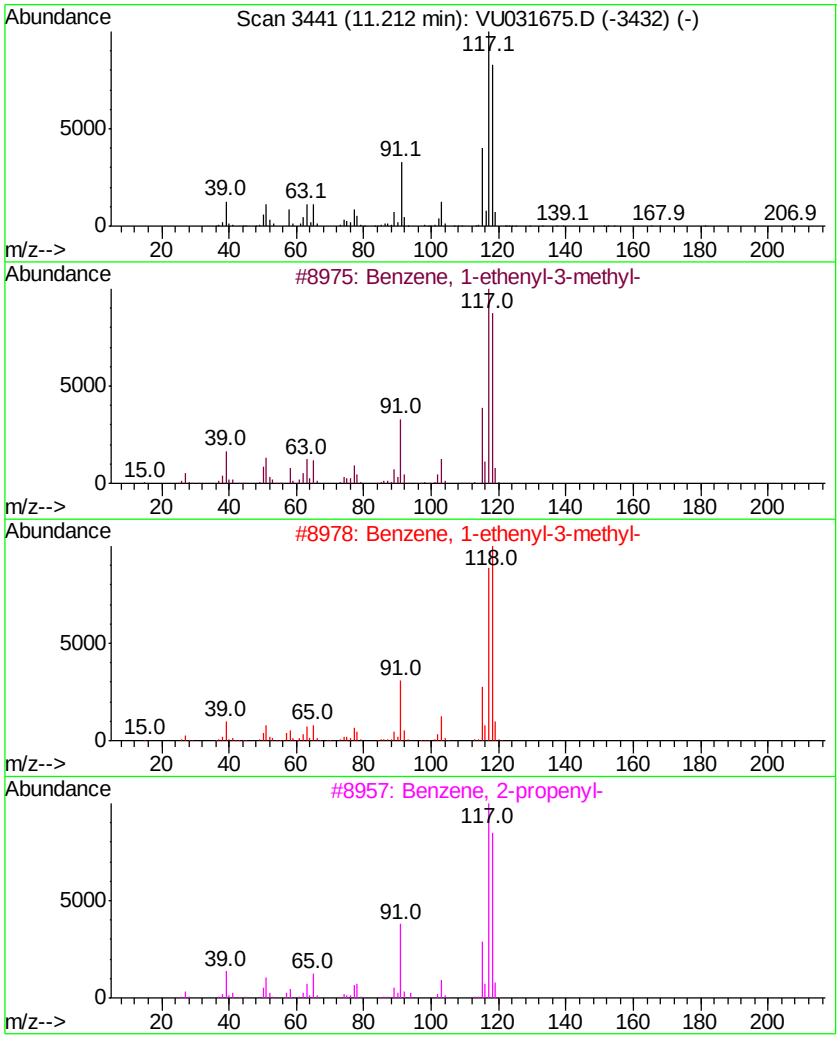
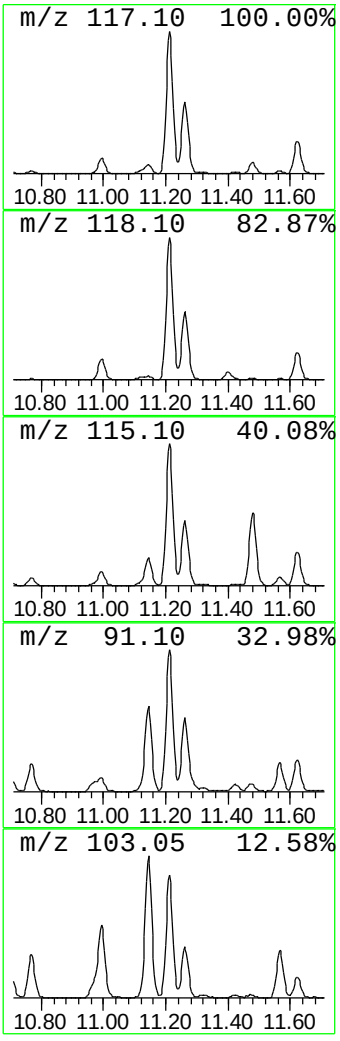
Peak Number 13 Benzene, 1-ethenyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	96.74 ug/L	5683620	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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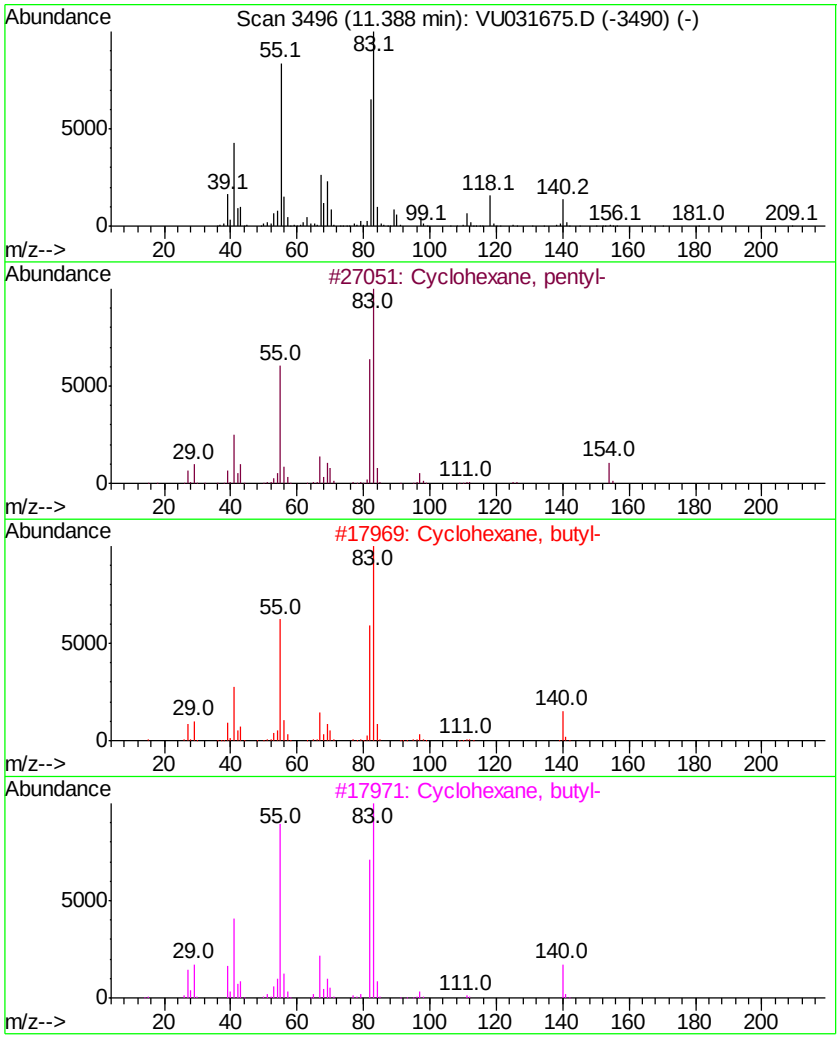
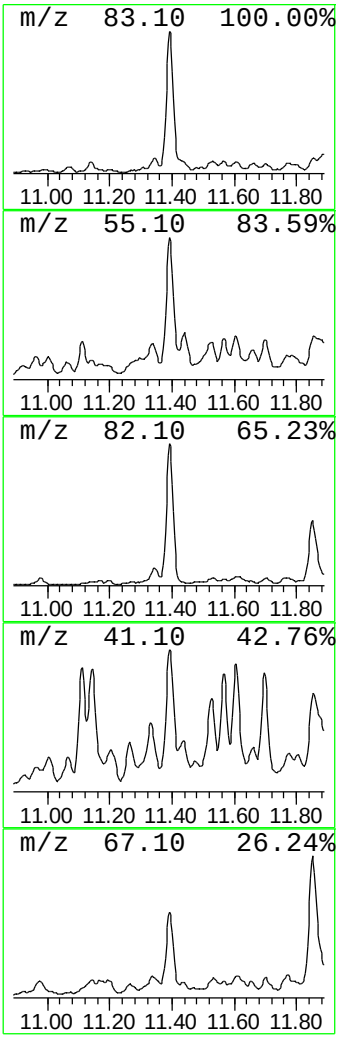
Peak Number 15 (DEL) Alkane: Cyclic11.39 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	23.97 ug/L	1408080	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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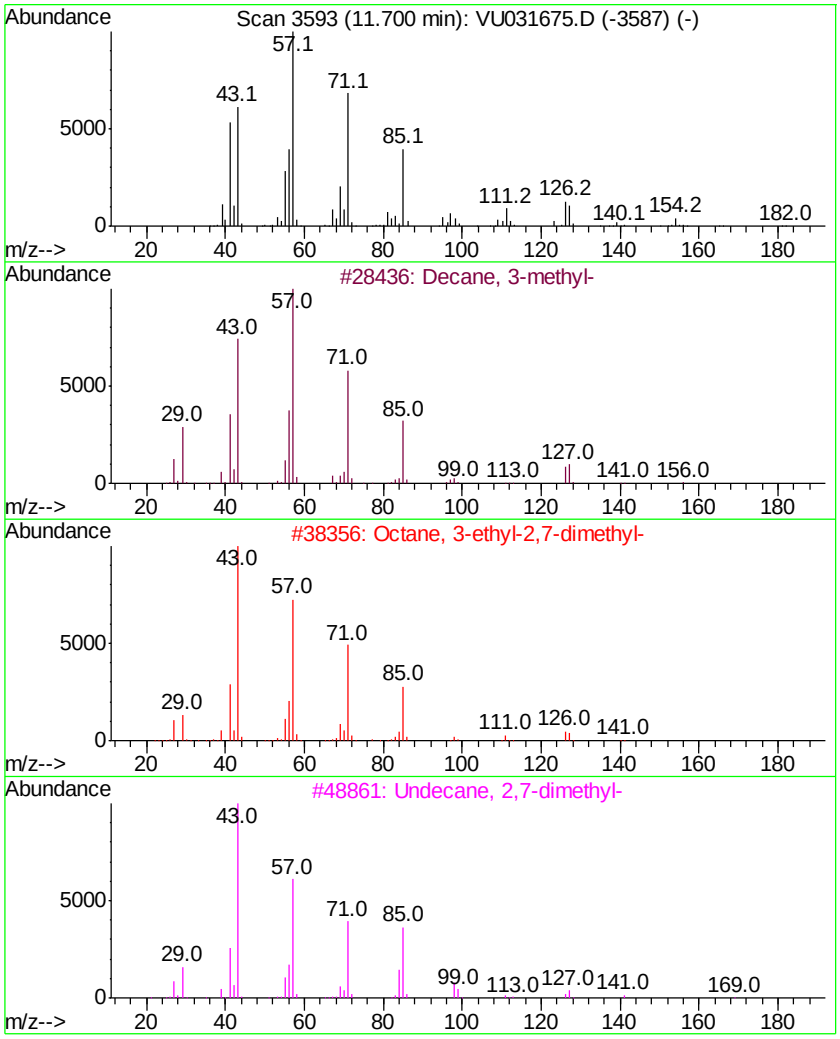
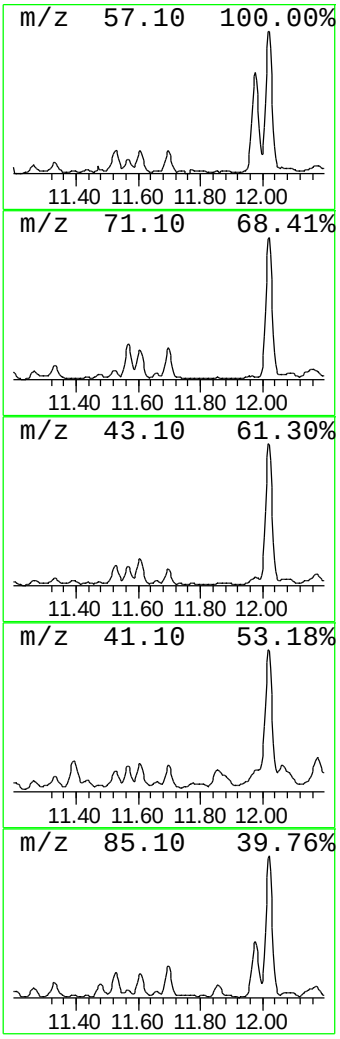
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	14.48 ug/L	850952	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	78
3	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
4	Decane, 3-methyl-	156	C11H24	013151-34-3	70
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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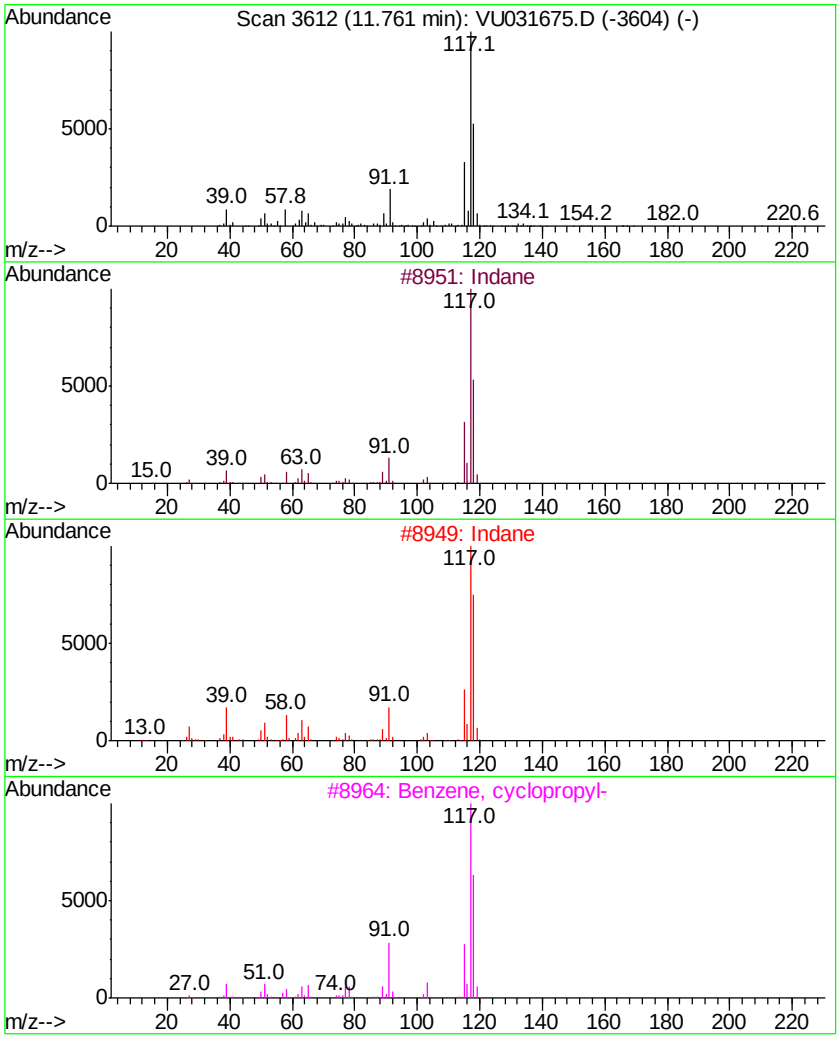
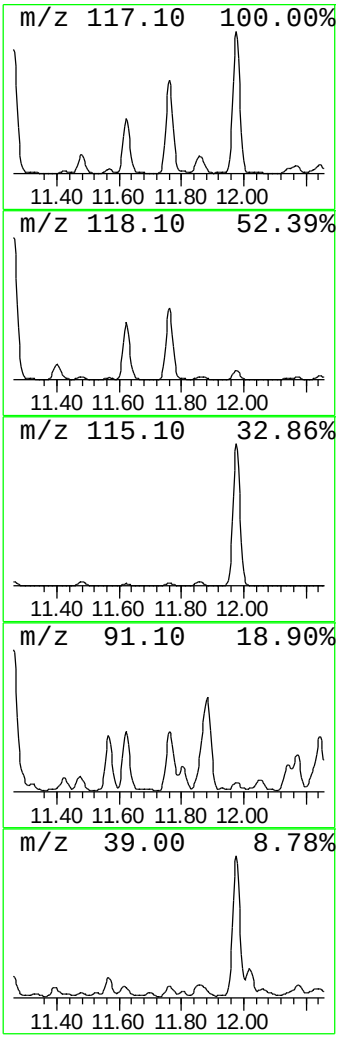
Peak Number 18 Indane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	32.91 ug/L	1933620	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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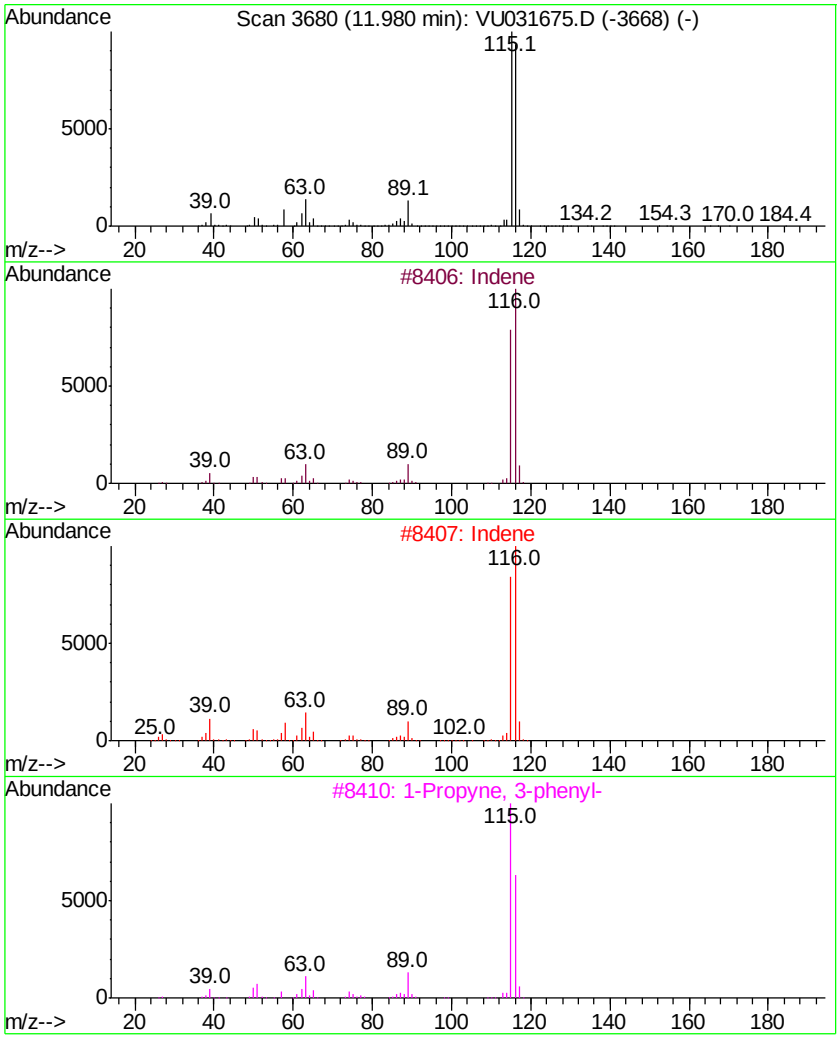
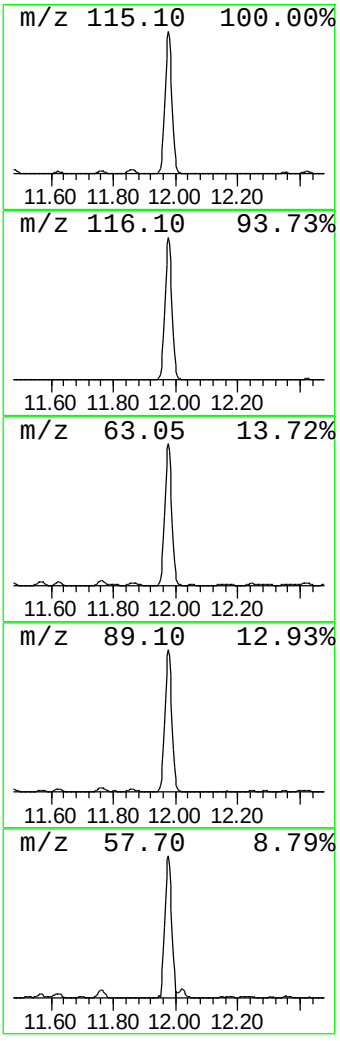
Peak Number 19 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	512.87 ug/L	30131700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
4	Indene	116	C9H8	000095-13-6	95
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

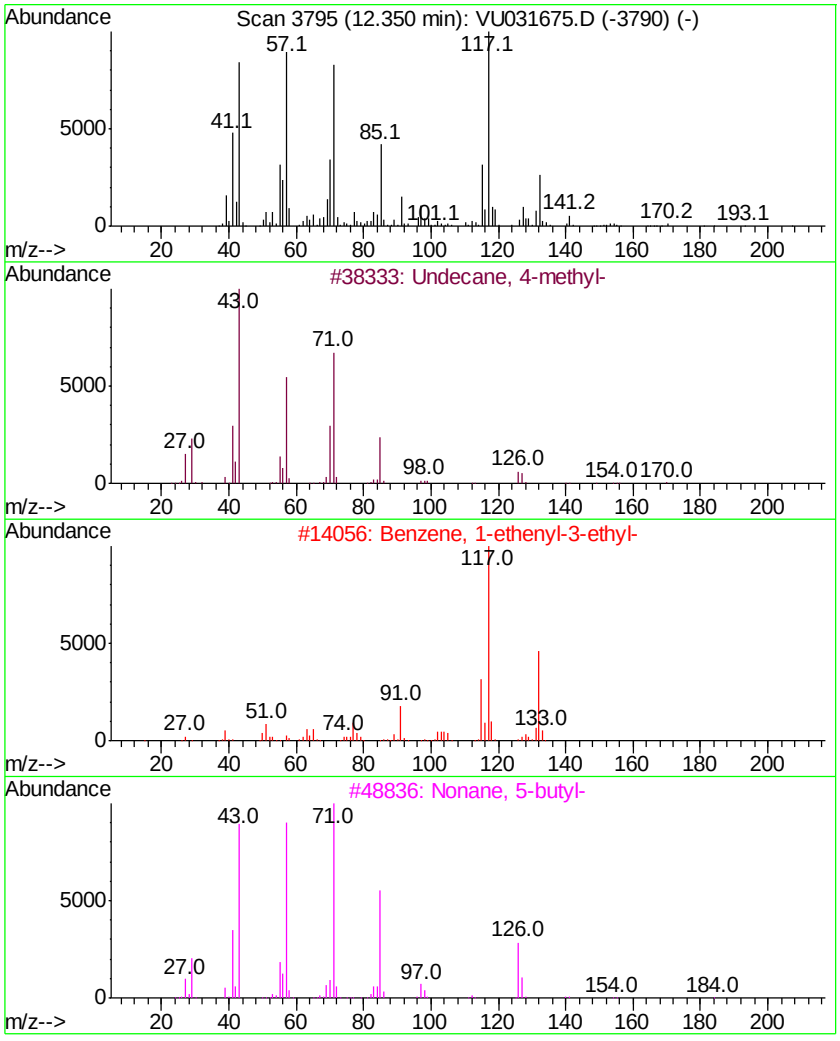
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

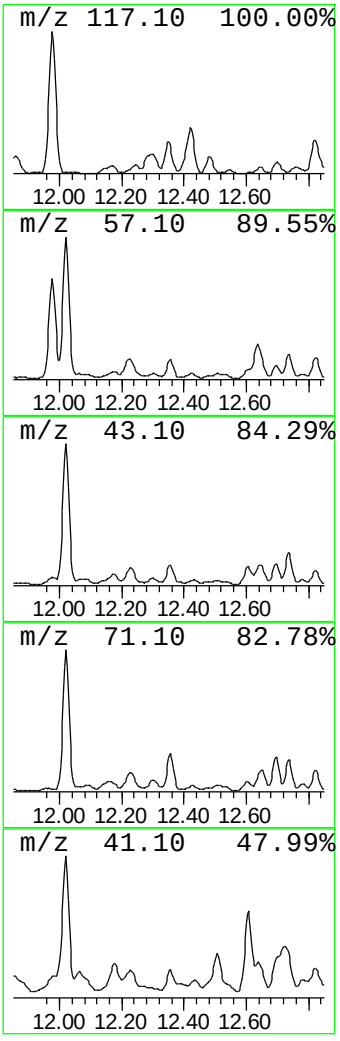
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	20.86 ug/L	1225830	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	43
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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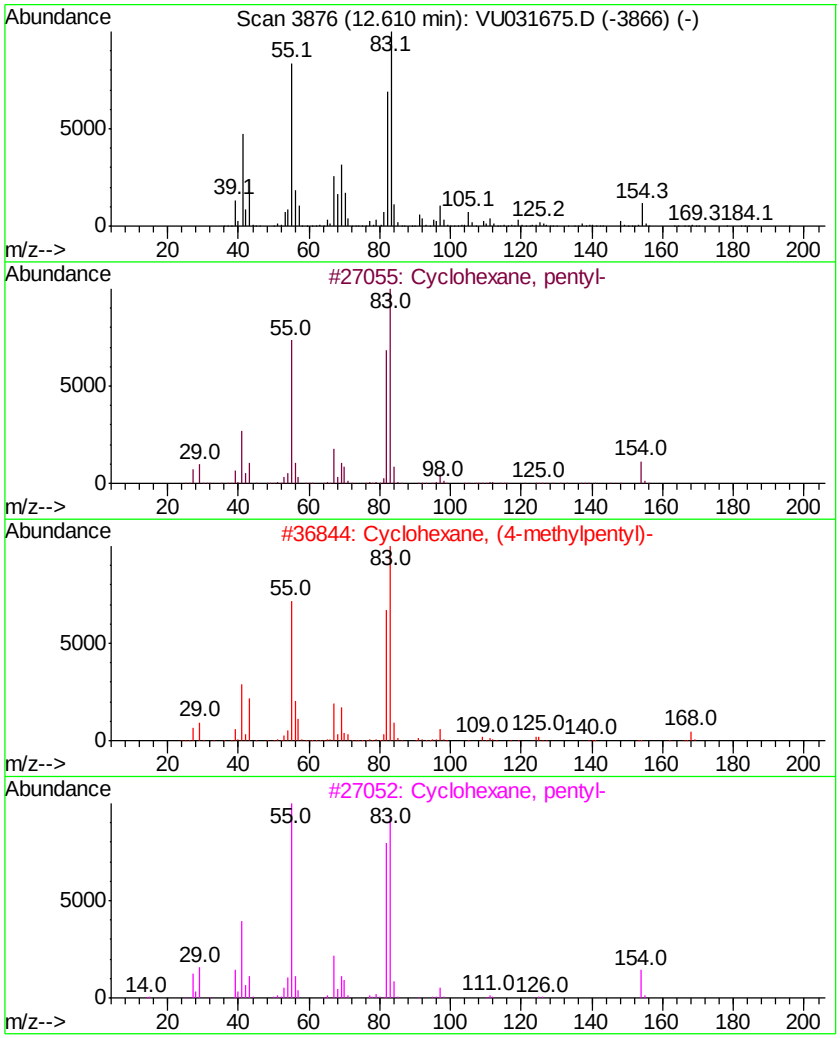
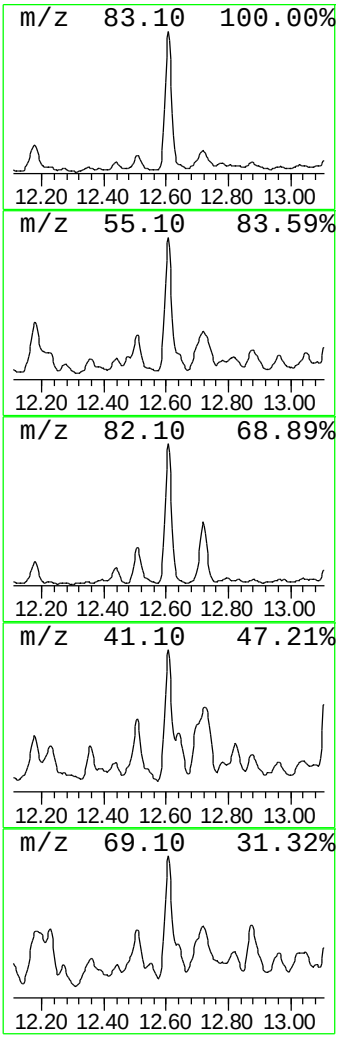
Peak Number 21 (DEL) Alkane: Cyclic12.61 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	70.29 ug/L	4129430	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	86
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	72





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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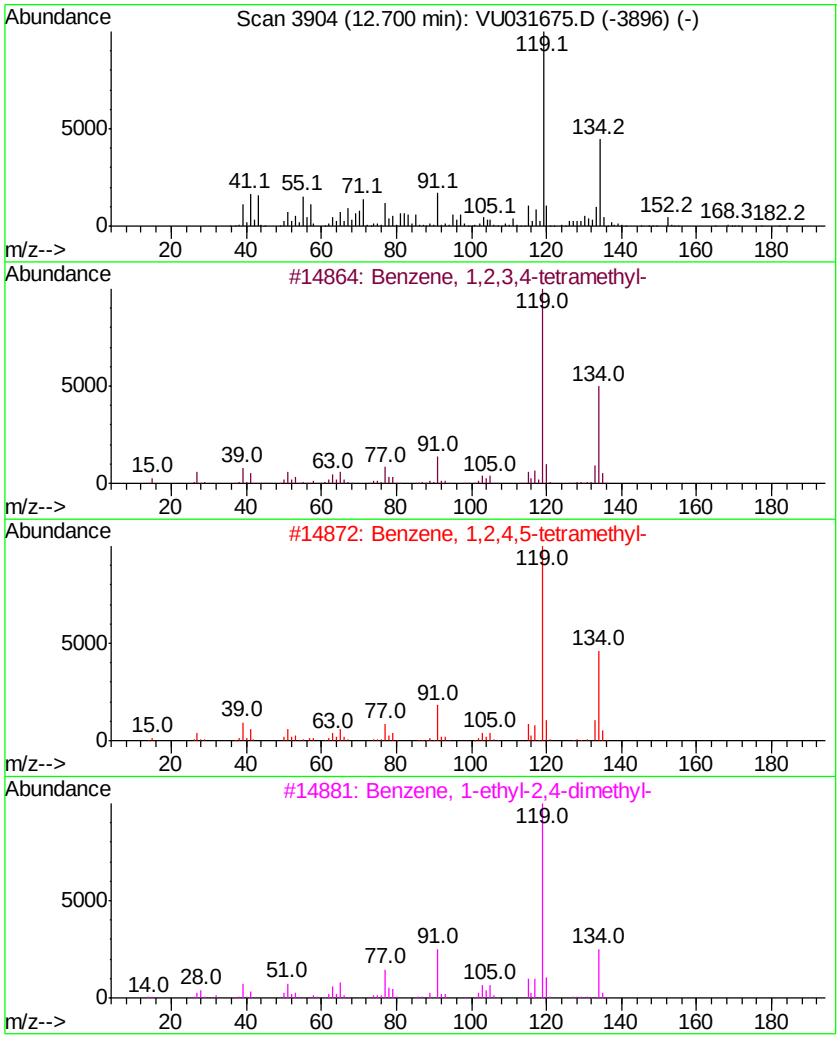
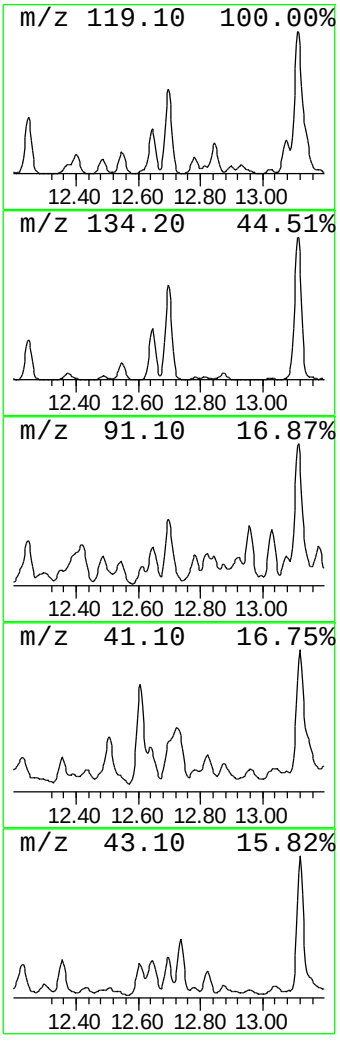
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	112.20 ug/L	6592090	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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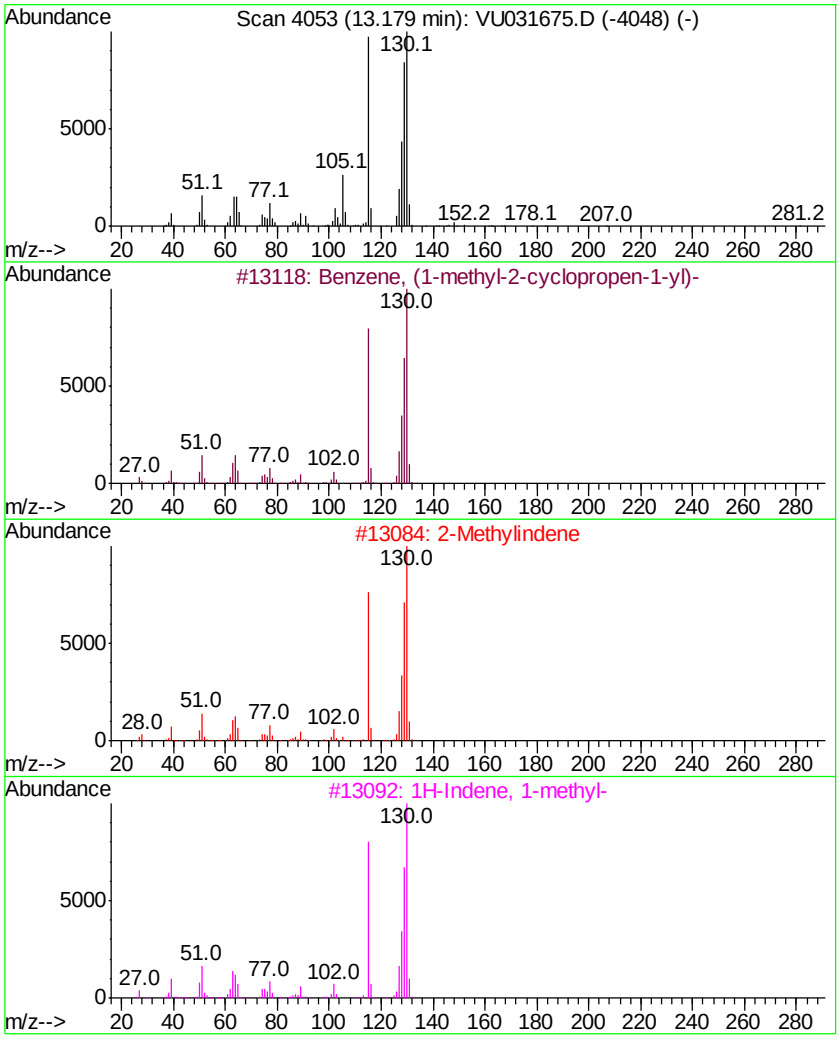
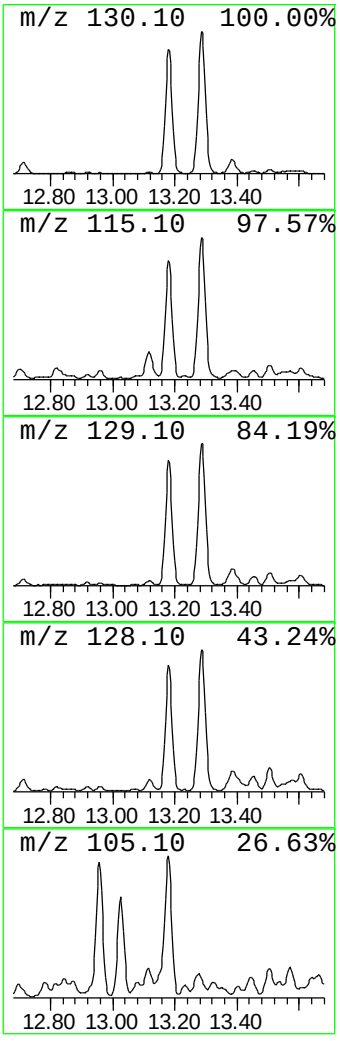
Peak Number 24 Benzene, (1-methyl-2-cyclop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	80.85 ug/L	4750200	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

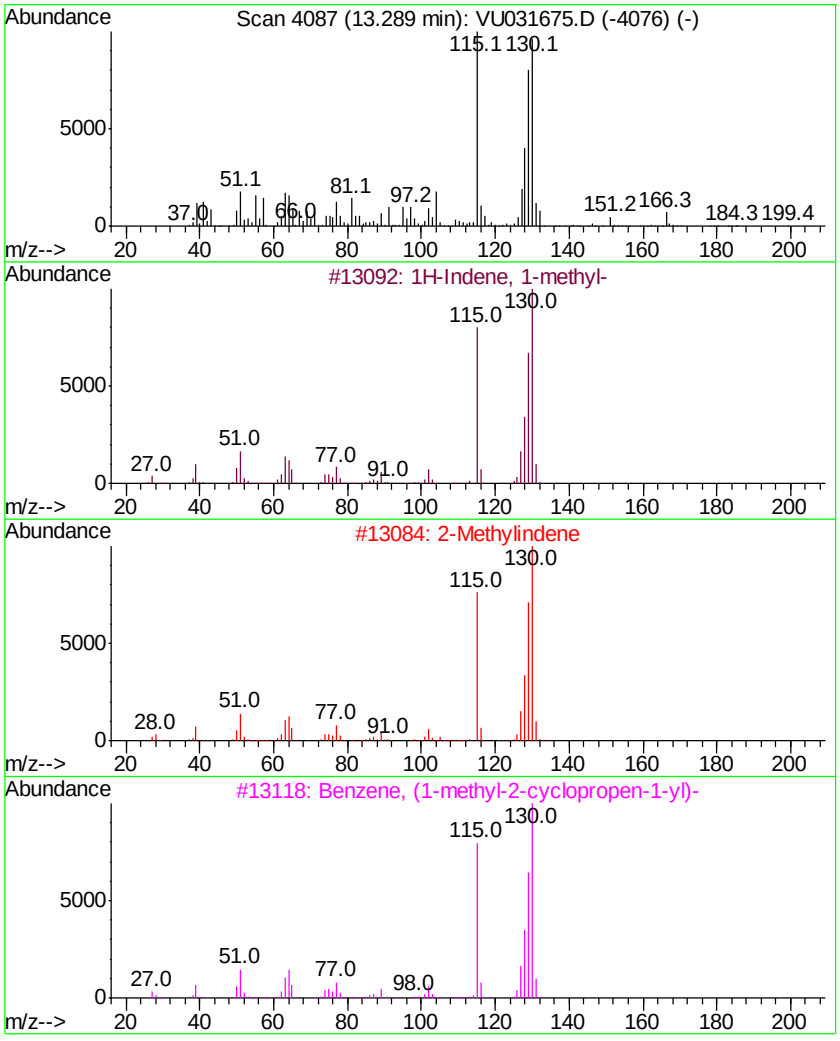
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

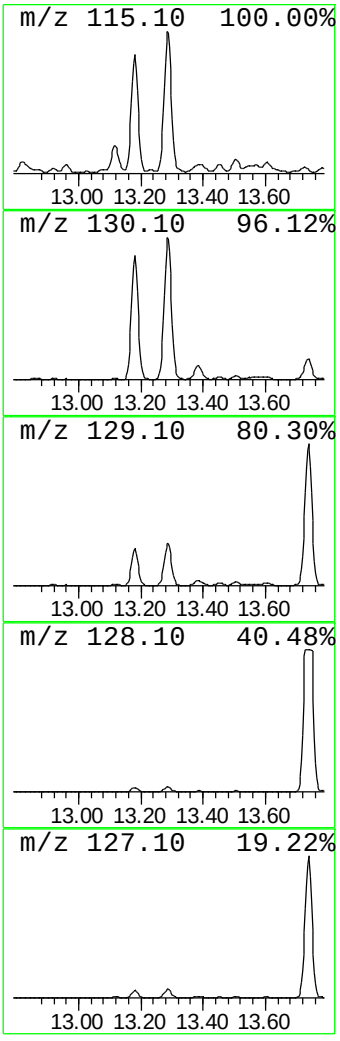
****

Peak Number 25 1H-Indene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	214.39 ug/L	12595600	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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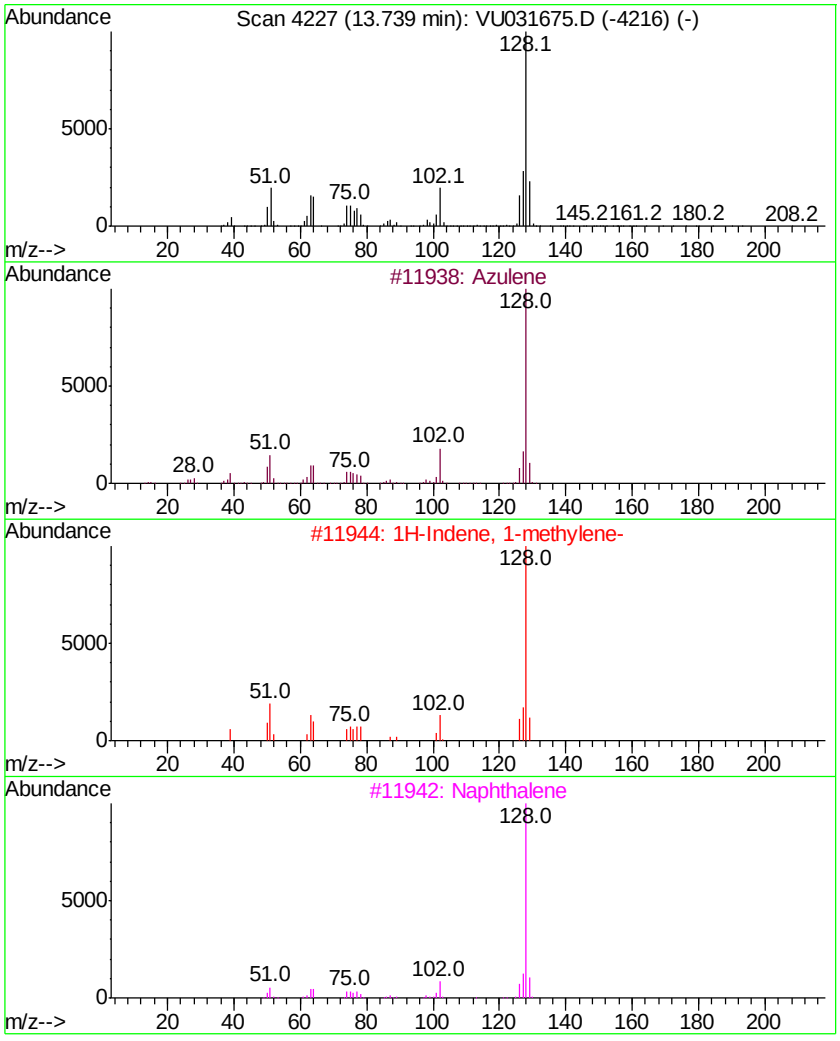
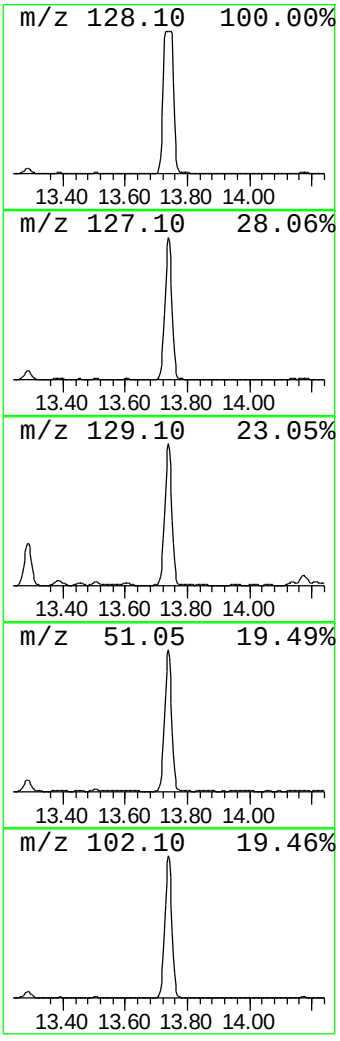
Peak Number 26 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	976.65 ug/L	57379300	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	93
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
3	Naphthalene	128	C10H8	000091-20-3	87
4	Azulene	128	C10H8	000275-51-4	81
5	Azulene	128	C10H8	000275-51-4	81





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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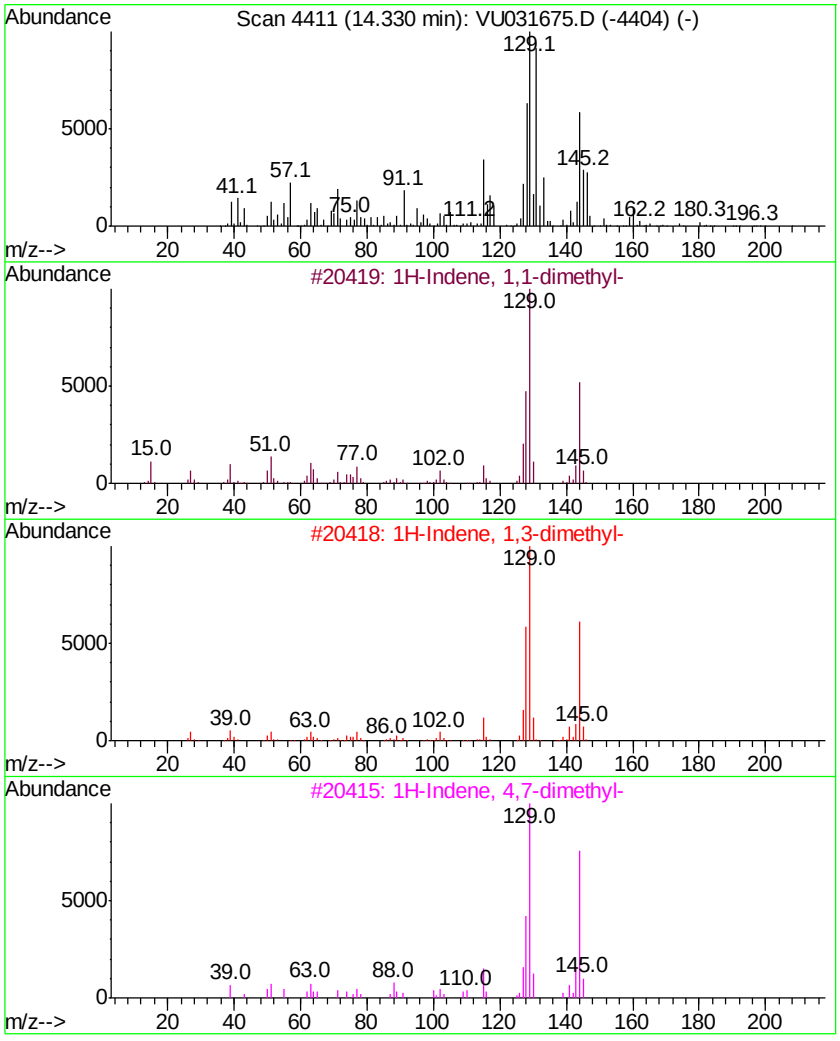
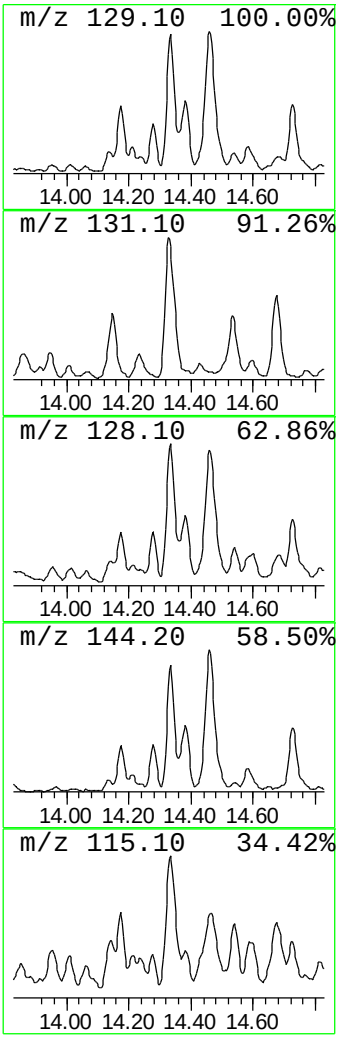
Peak Number 27 1H-Indene, 1,1-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	79.29 ug/L	4658150	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	55
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	55
4	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	52
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	49





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Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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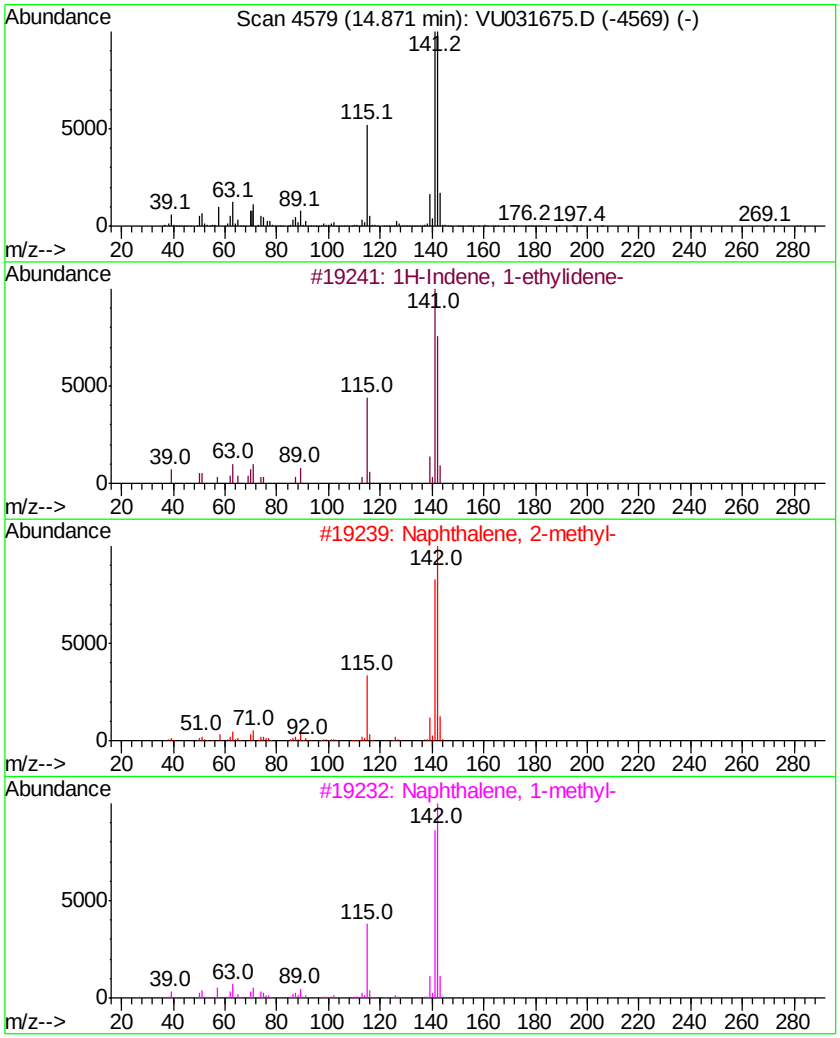
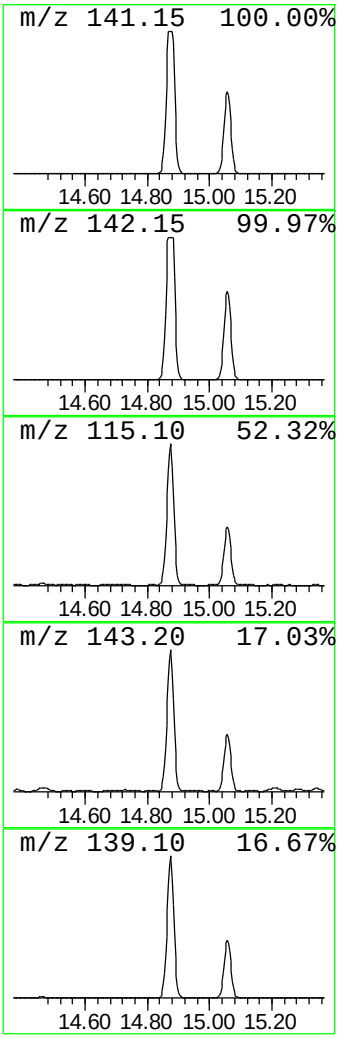
Peak Number 28 1H-Indene, 1-ethylidene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	1207.31 ug/L	70930600	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Library Search Compound Report

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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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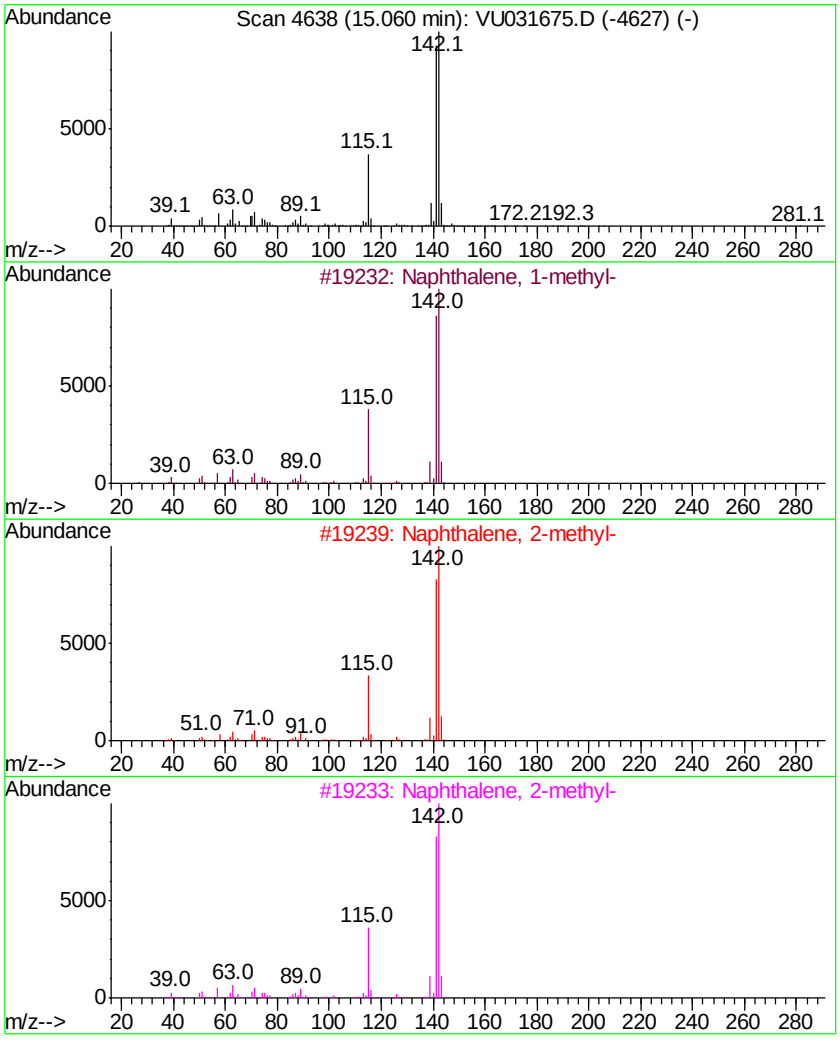
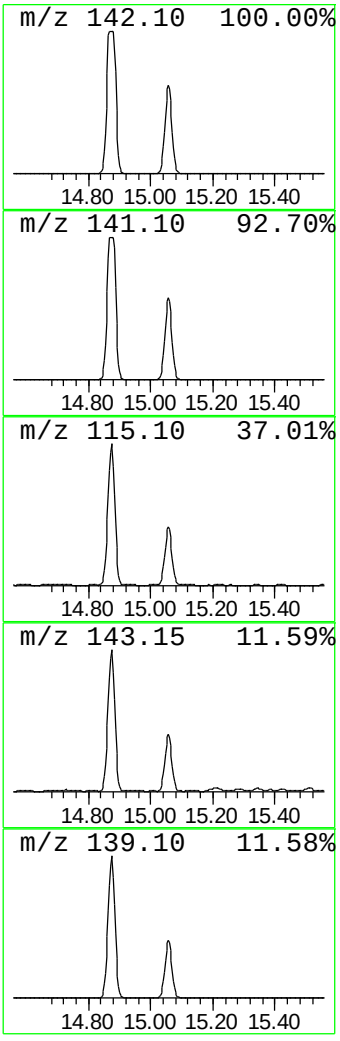
Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	518.24 ug/L	30447300	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Library Search Compound Report

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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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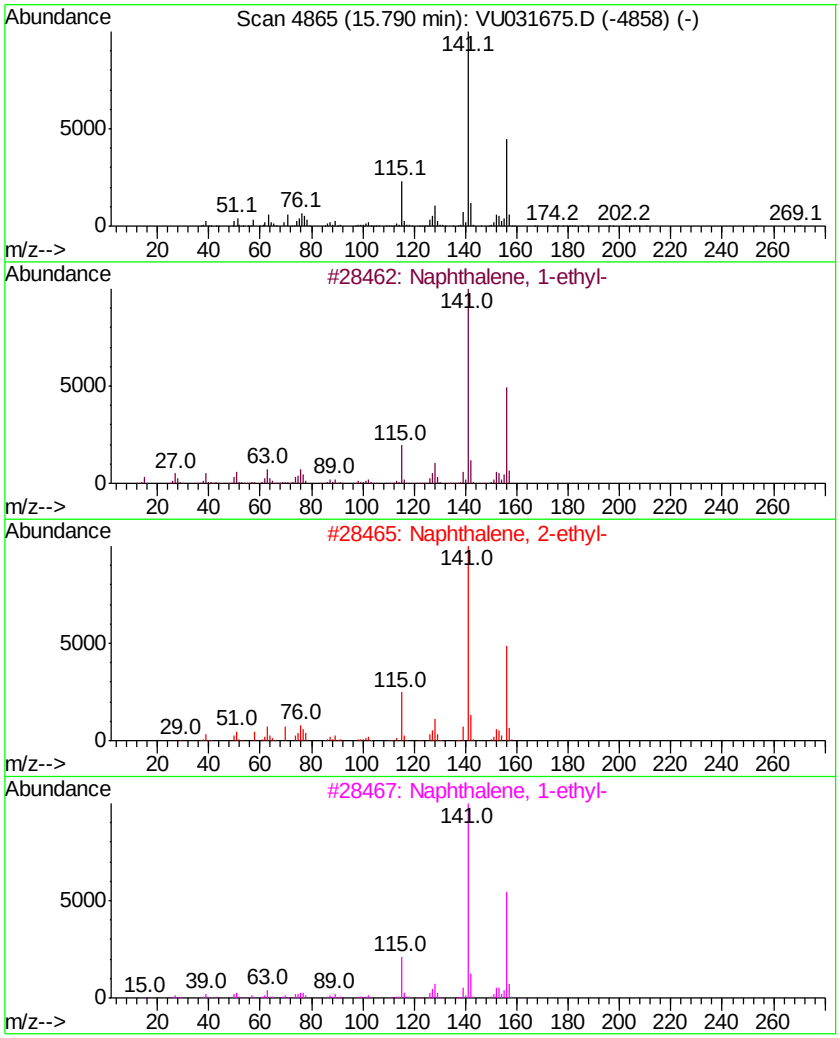
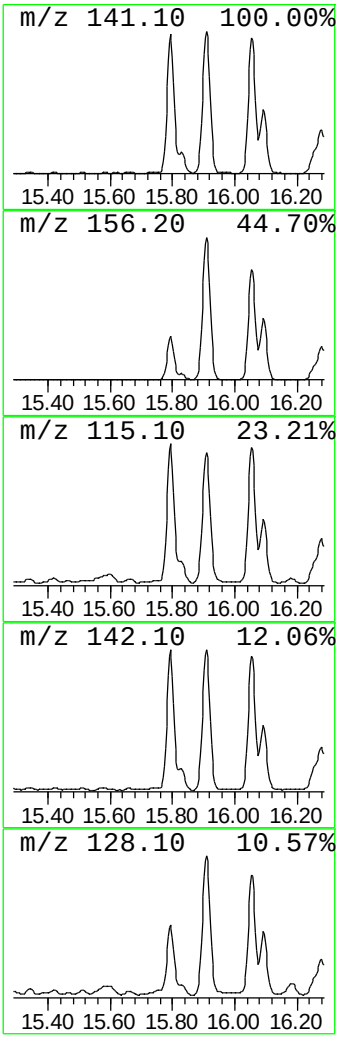
Peak Number 30 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	193.15 ug/L	11347900	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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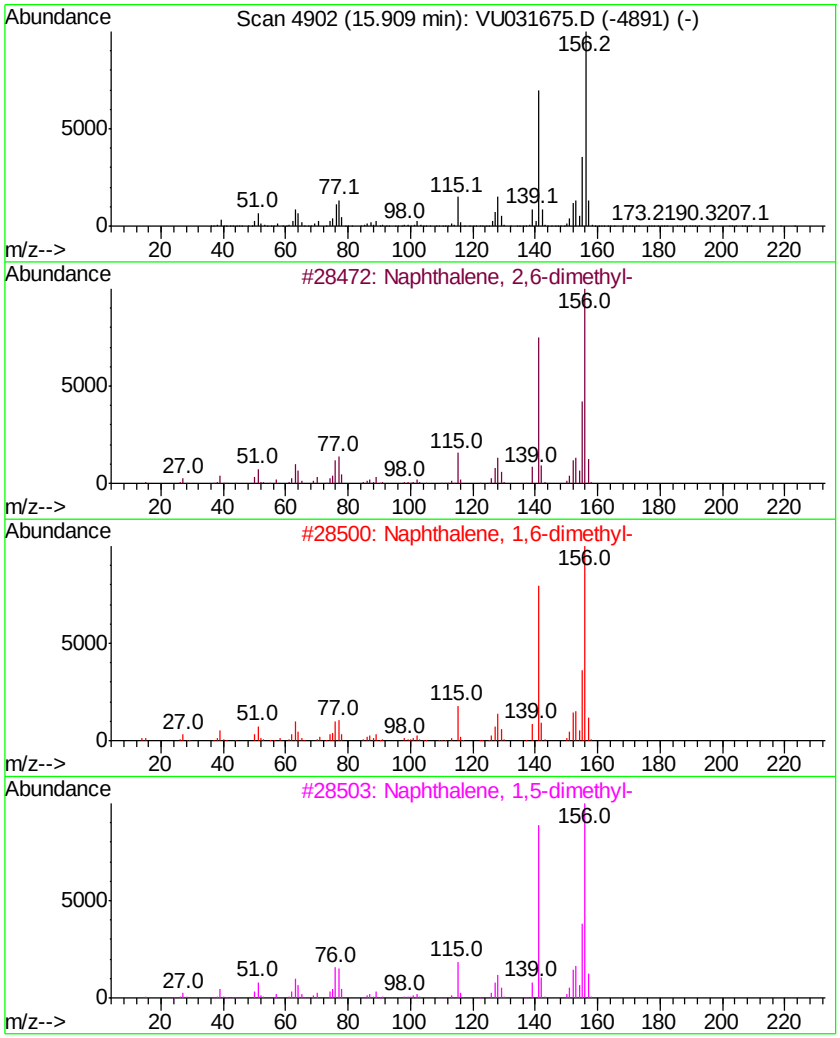
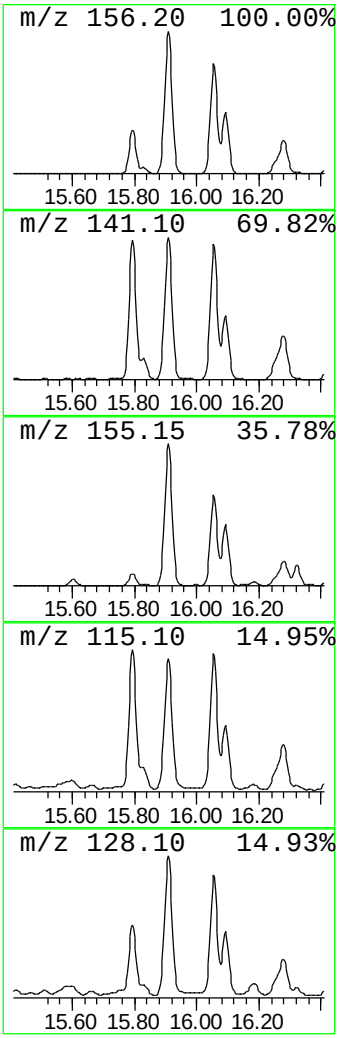
Peak Number 31 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	439.10 ug/L	25797400	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, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98





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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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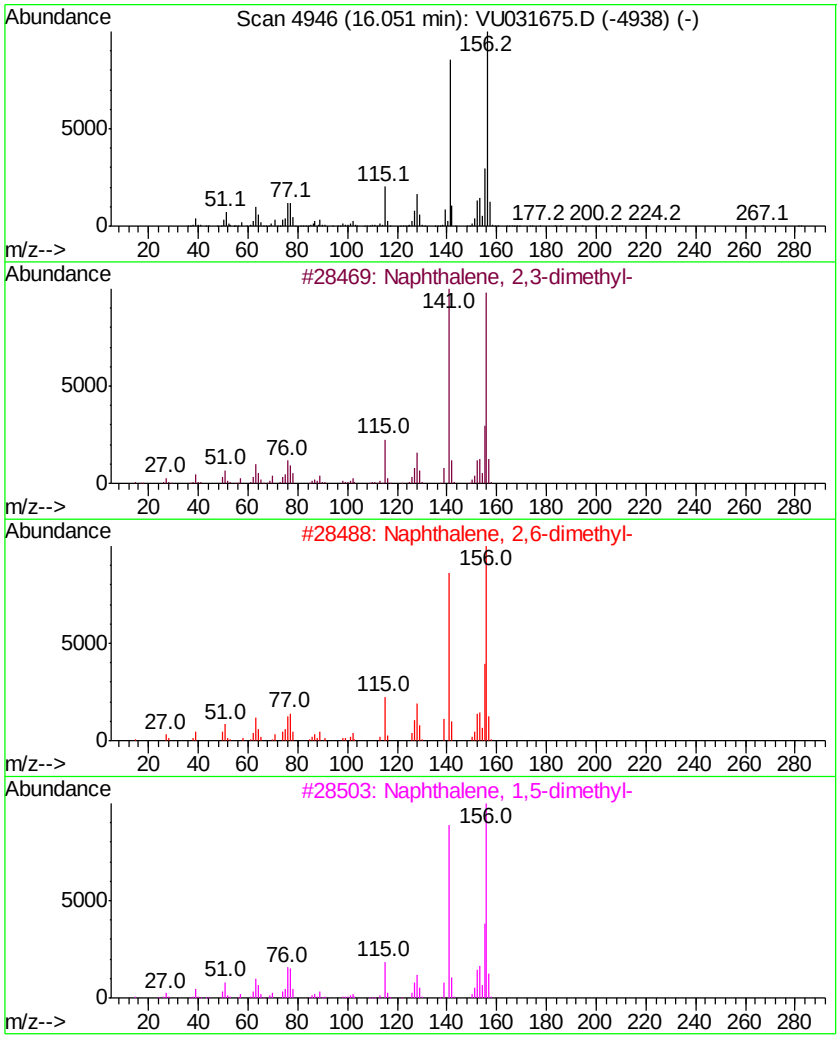
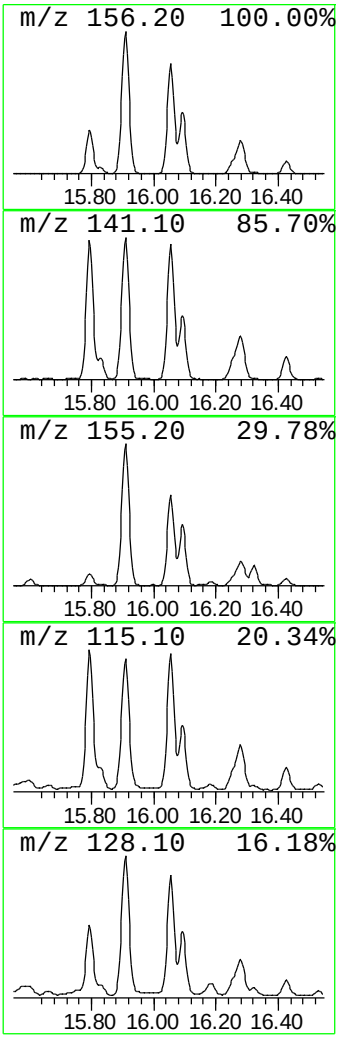
Peak Number 32 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	328.89 ug/L	19322700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98





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Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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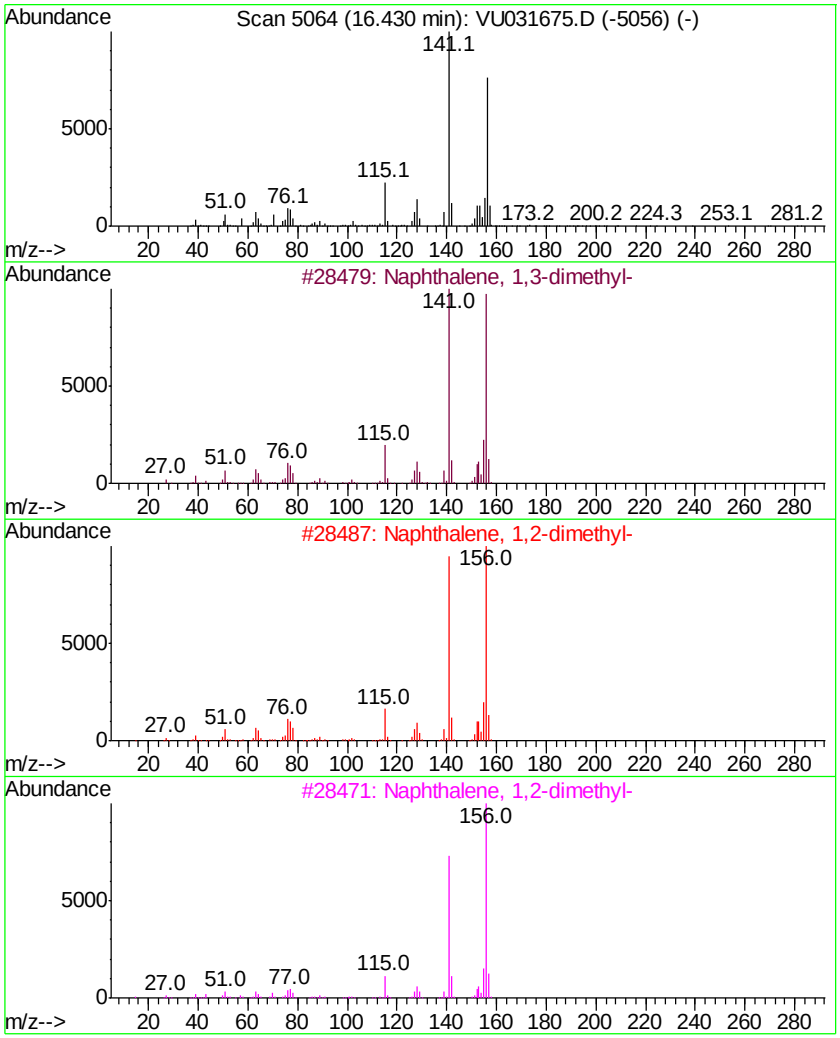
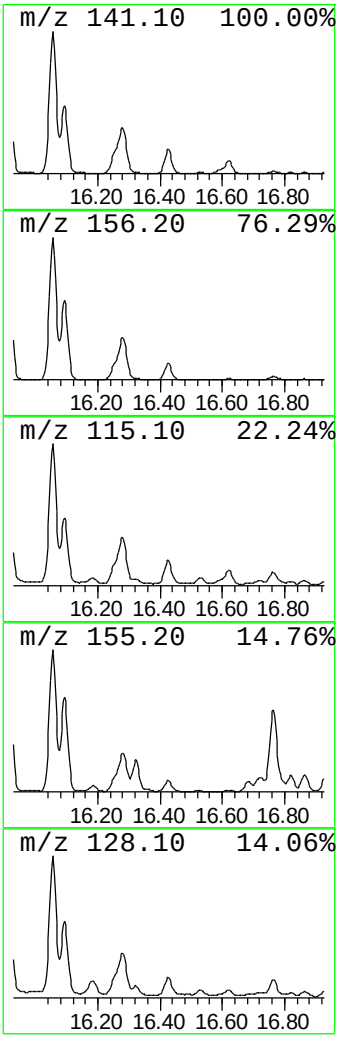
Peak Number 35 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	39.07 ug/L	2295690	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Library Search Compound Report

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Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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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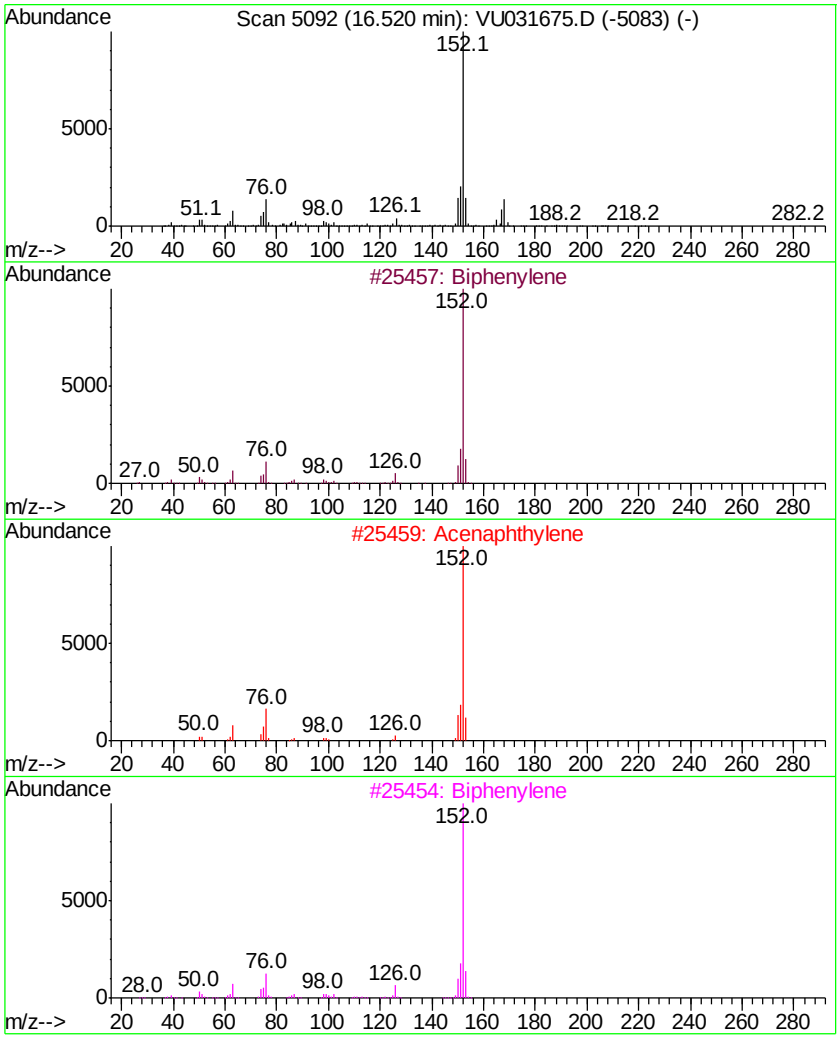
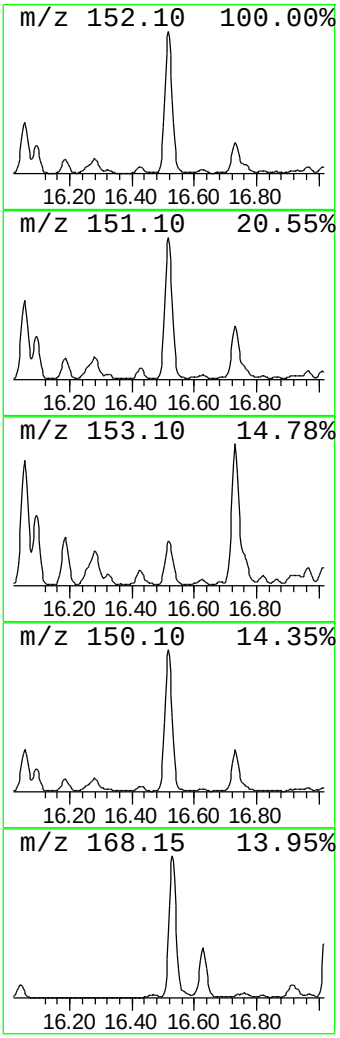
Peak Number 36 Biphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	81.55 ug/L	4790880	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	95
2	Acenaphthylene	152	C12H8	000208-96-8	93
3	Biphenylene	152	C12H8	000259-79-0	90
4	Acenaphthylene	152	C12H8	000208-96-8	74
5	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

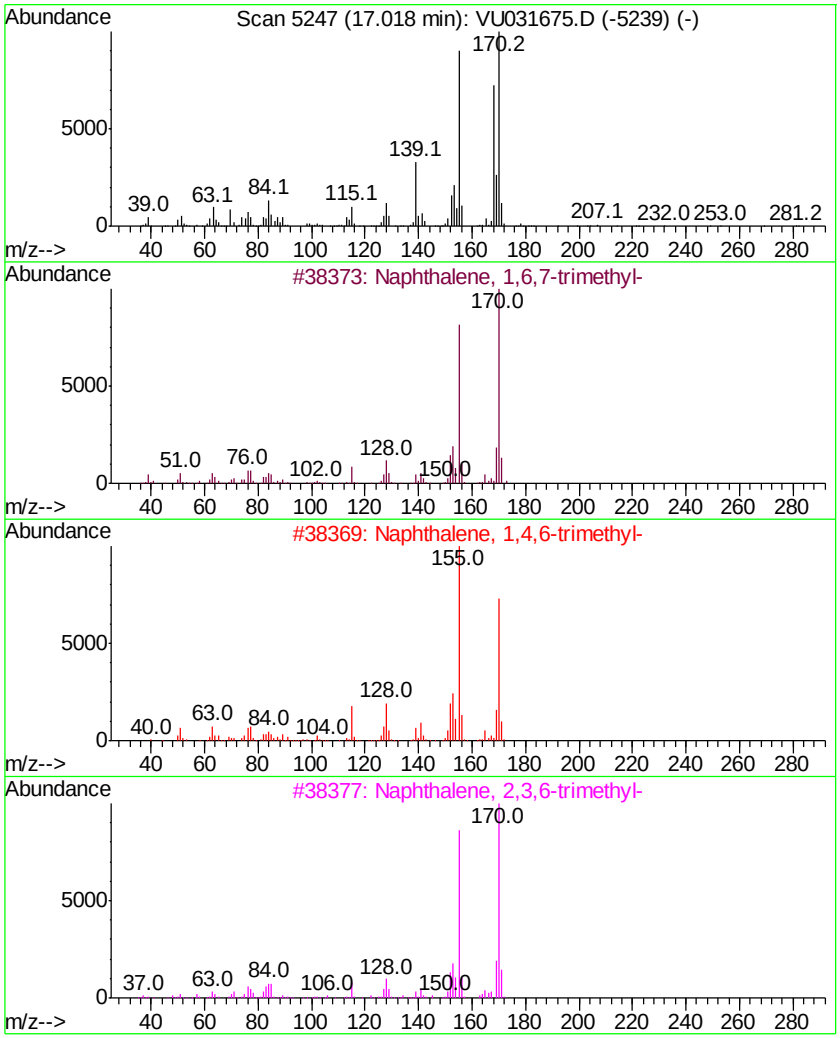
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

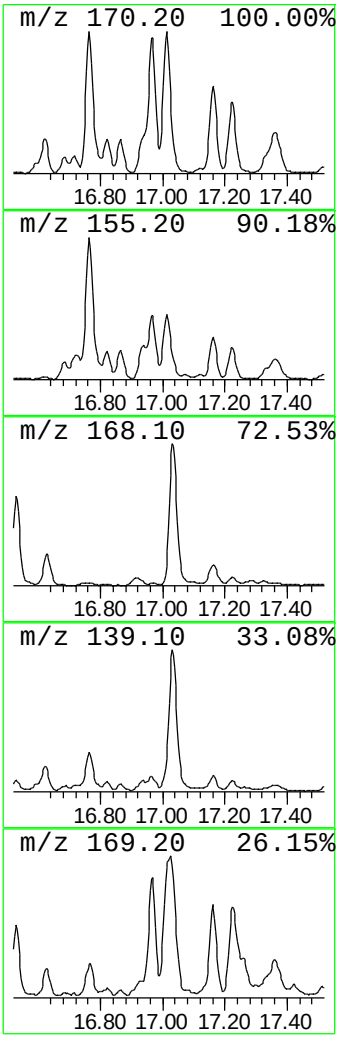
****

Peak Number 38 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	52.47 ug/L	3082710	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

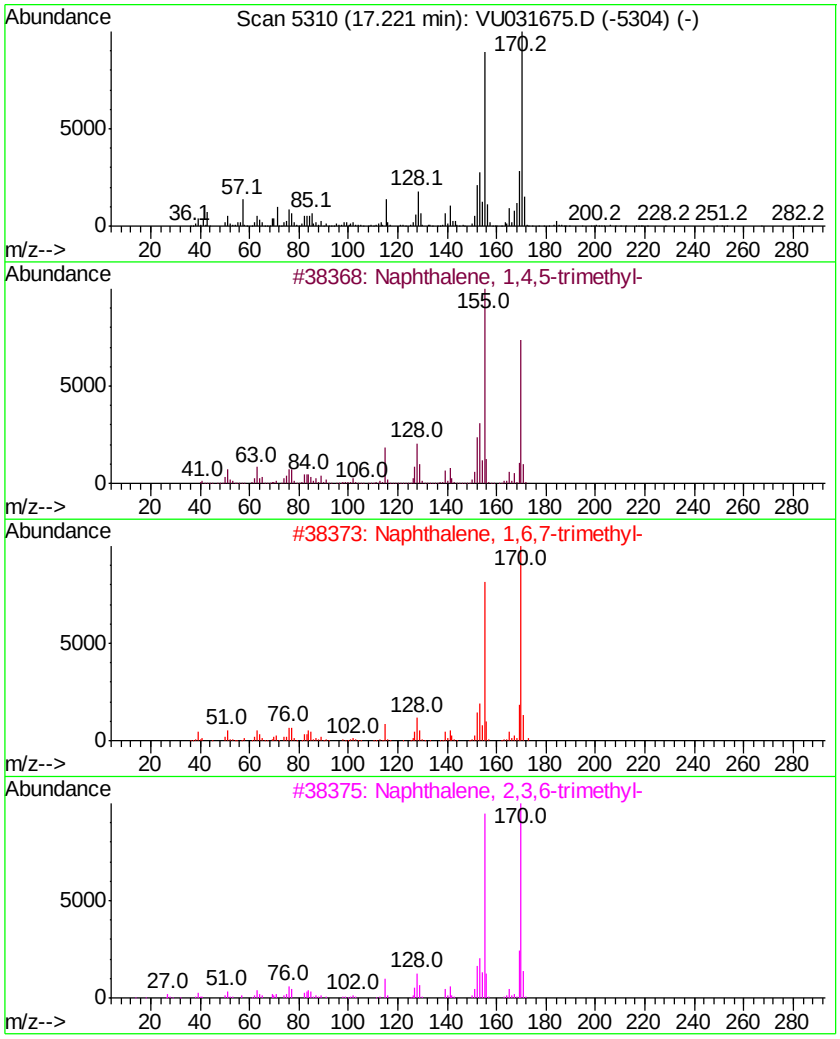
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

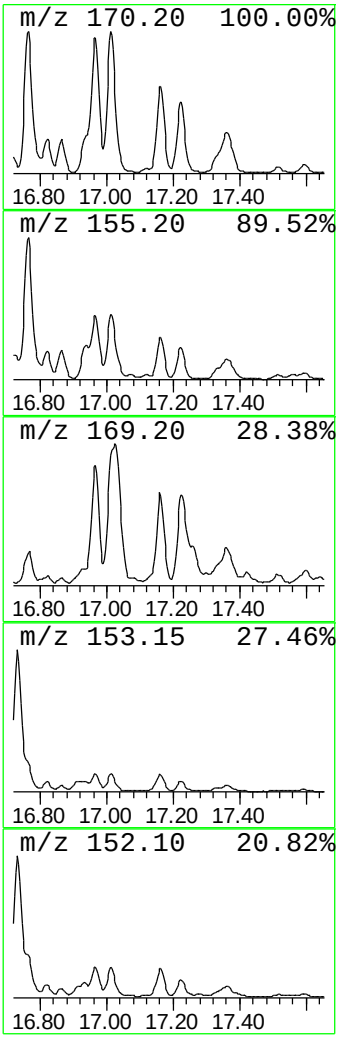
****

Peak Number 40 Naphthalene, 1,4,5-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	21.22 ug/L	1246870	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	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	9.44	6.8	ug/L	428173	2	9.09	3160560	50.0
(DEL) Alkane: Str...	9.95	3.8	ug/L	237951	2	9.09	3160560	50.0
(DEL) Alkane: Cyc...	10.04	2.6	ug/L	166233	2	9.09	3160560	50.0
Benzene, propyl-	10.58	7.2	ug/L	420194	3	11.48	2937550	50.0
Benzene, 1-ethyl-...	10.70	19.3	ug/L	1132440	3	11.48	2937550	50.0
Benzene, 1,2,3-tr...	10.77	49.1	ug/L	2883480	3	11.48	2937550	50.0
(DEL) Alkane: Str...	10.81	47.6	ug/L	2797600	3	11.48	2937550	50.0
(DEL) Alkane: Str...	11.11	16.7	ug/L	981909	3	11.48	2937550	50.0
Benzene, 1-etheny...	11.21	96.7	ug/L	5683620	3	11.48	2937550	50.0
(DEL) Alkane: Cyc...	11.39	24.0	ug/L	1408080	3	11.48	2937550	50.0
(DEL) Alkane: Str...	11.70	14.5	ug/L	850952	3	11.48	2937550	50.0
Indane	11.76	32.9	ug/L	1933620	3	11.48	2937550	50.0
Indene	11.98	512.9	ug/L	30131700	3	11.48	2937550	50.0
(DEL) Alkane: Str...	12.35	20.9	ug/L	1225830	3	11.48	2937550	50.0
(DEL) Alkane: Cyc...	12.61	70.3	ug/L	4129430	3	11.48	2937550	50.0
Benzene, 1,2,3,4-...	12.70	112.2	ug/L	6592090	3	11.48	2937550	50.0
Benzene, (1-methy...	13.18	80.8	ug/L	4750200	3	11.48	2937550	50.0
1H-Indene, 1-methyl-	13.29	214.4	ug/L	12595600	3	11.48	2937550	50.0
Azulene	13.74	976.6	ug/L	57379300	3	11.48	2937550	50.0
1H-Indene, 1,1-di...	14.33	79.3	ug/L	4658150	3	11.48	2937550	50.0
1H-Indene, 1-ethy...	14.87	1207.3	ug/L	70930600	3	11.48	2937550	50.0
Naphthalene, 1-me...	15.06	518.2	ug/L	30447300	3	11.48	2937550	50.0
Naphthalene, 1-et...	15.79	193.2	ug/L	11347900	3	11.48	2937550	50.0
Naphthalene, 2,6-...	15.91	439.1	ug/L	25797400	3	11.48	2937550	50.0
Naphthalene, 2,3-...	16.05	328.9	ug/L	19322700	3	11.48	2937550	50.0
Naphthalene, 1,3-...	16.43	39.1	ug/L	2295690	3	11.48	2937550	50.0
Biphenylene	16.52	81.5	ug/L	4790880	3	11.48	2937550	50.0
Naphthalene, 1,6,...	17.02	52.5	ug/L	3082710	3	11.48	2937550	50.0
Naphthalene, 1,4,...	17.22	21.2	ug/L	1246870	3	11.48	2937550	50.0