LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

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\SOMULM032319WMA.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	1.637	130	170	180	rBV2	236550	711261	8.46%	0.383%
2	2.238	346	357	382	rVB	372506	626946	7.46%	0.338%
3	2.711	480	504	542	rVB	1137573	2798191	33.28%	1.509%
4	2.968	562	584	611	rBV	892897	1925176	22.89%	1.038%
5	3.865	830	863	878	rVV5	133271	515786	6.13%	0.278%
6	3.971	881	896	911	rVV2	282088	799255	9.50%	0.431%
7	4.071	911	927	943	rVV2	365678	1005686	11.96%	0.542%
8	4.180	943	961	1007	rVB3	153666	685938	8.16%	0.370%
9	4.640	1092	1104	1115	rVV	228984	572830	6.81%	0.309%
10	4.714	1117	1127	1161	rVB4	238548	736070	8.75%	0.397%
11	4.971	1191	1207	1222	rVV2	1689981	3936423	46.81%	2.122%
12	5.064	1222	1236	1260	rVB	862515	2274489	27.05%	1.226%
13	5.202	1262	1279	1301	rBV	2190671	5249154	62.42%	2.830%
14	5.328	1301	1318	1333	rVB2	525152	1424766	16.94%	0.768%
15	5.466	1348	1361	1369	rBV2	816168	1812949	21.56%	0.977%
16	5.527	1370	1380	1394	rVV5	1502612	3993120	47.49%	2.153%
17	5.608	1394	1405	1420	rVB3	843471	1985956	23.62%	1.071%
18	5.768	1442	1455	1473	rVB4	209708	450300	5.35%	0.243%
19	5.878	1476	1489	1499	rBV	1185046	2410636	28.67%	1.300%
20	5.936	1500	1507	1529	rVB4	520074	1471184	17.50%	0.793%
21	6.206	1577	1591	1603	rBV5	518092	1200181	14.27%	0.647%
22	6.325	1617	1628	1636	rBV	311730	612004	7.28%	0.330%
23	6.405	1636	1653	1664	rVV	3744564	8409109	100.00%	4.533%
24	6.466	1664	1672	1681	rVV	671101	1263615	15.03%	0.681%
25	6.524	1681	1690	1701	rVB	764053	1416423	16.84%	0.764%
26	6.633	1714	1724	1737	rVB	569094	1049601	12.48%	0.566%
27	6.726	1739	1753	1766	rVB4	548033	1235712	14.69%	0.666%
28	6.826	1767	1784	1794	rBV5	216363	611351	7.27%	0.330%
29	6.916	1795	1812	1829	rVB4	1017621	2675651	31.82%	1.442%
30	7.045	1830	1852	1862	rBV5	1058308	3028748	36.02%	1.633%
31	7.096	1863	1868	1878	rVB2	611281	942740	11.21%	0.508%
32	7.173	1881	1892	1899	rBV	2356372	4182193	49.73%	2.255%
33	7.212	1900	1904	1922	rVB4	1438105	2418373	28.76%	1.304%
34	7.334	1933	1942	1961	rVB	2295221	4381485	52.10%	2.362%

LSC Area Percent Report

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Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

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\SOMULM032319WMA.M
Title : VOC Analysis

35	7.427	1965	1971	1985	rVB4	417315	866355	10.30%	0.467%
36	7.521	1986	2000	2007	rBV4	1791063	3628789	43.15%	1.956%
37	7.694	2044	2054	2061	rBV3	570315	1097945	13.06%	0.592%
38	7.842	2090	2100	2111	rBV5	369443	701499	8.34%	0.378%
39	7.910	2112	2121	2141	rVB4	800019	1846559	21.96%	0.995%
40	8.042	2141	2162	2169	rBV	627923	1295313	15.40%	0.698%
41	8.090	2169	2177	2185	rBV	433424	733903	8.73%	0.396%
42	8.222	2209	2218	2228	rVB	457403	719278	8.55%	0.388%
43	8.321	2239	2249	2261	rBV3	1780947	3141879	37.36%	1.694%
44	8.450	2275	2289	2295	rBV	1104062	2172880	25.84%	1.171%
45	8.540	2307	2317	2325	rBV	835694	1355945	16.12%	0.731%
46	8.601	2327	2336	2345	rBV	1131988	1862176	22.14%	1.004%
47	8.752	2372	2383	2392	rBV5	467849	888430	10.57%	0.479%
48	8.810	2392	2401	2407	rBV	744928	1240942	14.76%	0.669%
49	8.903	2423	2430	2443	rVB	2256967	3704981	44.06%	1.997%
50	9.025	2457	2468	2479	rBV	2606446	4320851	51.38%	2.329%
51	9.086	2479	2487	2498	rVV	1767747	2786056	33.13%	1.502%
52	9.244	2529	2536	2549	rVB6	294343	589997	7.02%	0.318%
53	9.443	2592	2598	2621	rVB9	399526	1223516	14.55%	0.660%
54	9.713	2672	2682	2691	rBV4	798122	1339549	15.93%	0.722%
55	9.813	2704	2713	2725	rBV4	517218	1080453	12.85%	0.582%
56	9.948	2737	2755	2764	rBV3	1658834	3334968	39.66%	1.798%
57	10.041	2776	2784	2793	rBV4	850887	1335426	15.88%	0.720%
58	10.164	2812	2822	2831	rBV	1055362	1777208	21.13%	0.958%
59	10.318	2858	2870	2876	rBV2	730591	1284592	15.28%	0.693%
60	10.447	2897	2910	2917	rBV2	633379	1619547	19.26%	0.873%
61	10.485	2917	2922	2931	rVB3	639739	942578	11.21%	0.508%
62	10.585	2943	2953	2962	rBV	2692010	4029956	47.92%	2.173%
63	10.749	2996	3004	3014	rBV2	529085	861841	10.25%	0.465%
64	10.810	3016	3023	3033	rVB6	350454	645862	7.68%	0.348%
65	10.971	3065	3073	3079	rBV3	438435	722809	8.60%	0.390%
66	11.070	3096	3104	3109	rBV3	316837	449806	5.35%	0.242%
67	11.112	3109	3117	3125	rBV	1086431	1545122	18.37%	0.833%
68	11.283	3158	3170	3176	rBV2	389422	1012382	12.04%	0.546%
69	11.328	3177	3184	3194	rVB3	640920	1138808	13.54%	0.614%
70	11.392	3195	3204	3211	rBV3	595567	1004704	11.95%	0.542%
71	11.482	3223	3232	3240	rBV	2077123	3170874	37.71%	1.709%

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Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

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\SOMULM032319WMA.M
Title : VOC Analysis

72	11.527	3242	3246	3253	rVV	448223	539385	6.41%	0.291%
73	11.662	3282	3288	3295	rBV	340579	427554	5.08%	0.230%
74	11.768	3310	3321	3339	rBV3	2164523	4558149	54.20%	2.457%
75	11.858	3340	3349	3356	rBV4	1625933	3030261	36.04%	1.634%
76	12.247	3457	3470	3478	rBV	3417730	5483970	65.21%	2.956%
77	12.353	3494	3503	3523	rBV4	1653588	3587920	42.67%	1.934%
78	12.610	3574	3583	3586	rBV5	691600	1020620	12.14%	0.550%
79	12.646	3587	3594	3604	rVB2	2234697	3533947	42.03%	1.905%
80	12.720	3605	3617	3629	rVB10	326145	973837	11.58%	0.525%
81	12.781	3629	3636	3643	rBV2	670660	1018146	12.11%	0.549%
82	12.961	3685	3692	3707	rVB	1467155	2311355	27.49%	1.246%
83	13.035	3708	3715	3723	rBV5	316869	488835	5.81%	0.264%
84	13.118	3726	3741	3750	rBV3	3082847	5310630	63.15%	2.863%
85	13.234	3771	3777	3783	rVB	446707	541129	6.44%	0.292%
86	13.279	3784	3791	3822	rVB3	1083503	2663216	31.67%	1.436%
87	13.405	3823	3830	3837	rBV2	528498	744038	8.85%	0.401%
88	13.453	3837	3845	3853	rBV	733149	1060900	12.62%	0.572%
89	13.504	3853	3861	3870	rBV3	1126965	1773306	21.09%	0.956%
90	13.736	3925	3933	3942	rVB	1894343	2955151	35.14%	1.593%
91	13.784	3943	3948	3960	rVB6	355462	532397	6.33%	0.287%
92	13.948	3992	3999	4012	rBV8	419178	771526	9.17%	0.416%
93	14.147	4054	4061	4077	rVB3	396126	790447	9.40%	0.426%
94	14.334	4110	4119	4132	rBV5	670917	1427244	16.97%	0.769%
95	14.540	4177	4183	4194	rVB4	388072	691896	8.23%	0.373%
96	14.871	4276	4286	4300	rBV	2309722	3919809	46.61%	2.113%
97	15.057	4336	4344	4359	rVB	1018587	1670552	19.87%	0.901%
98	15.913	4598	4610	4638	rBV	754929	1531646	18.21%	0.826%
99	16.057	4646	4655	4661	rBV	684575	1032182	12.27%	0.556%
100	16.093	4661	4666	4684	rVB	475642	814855	9.69%	0.439%

Sum of corrected areas: 185491984

LSC Report - Integrated Chromatogram

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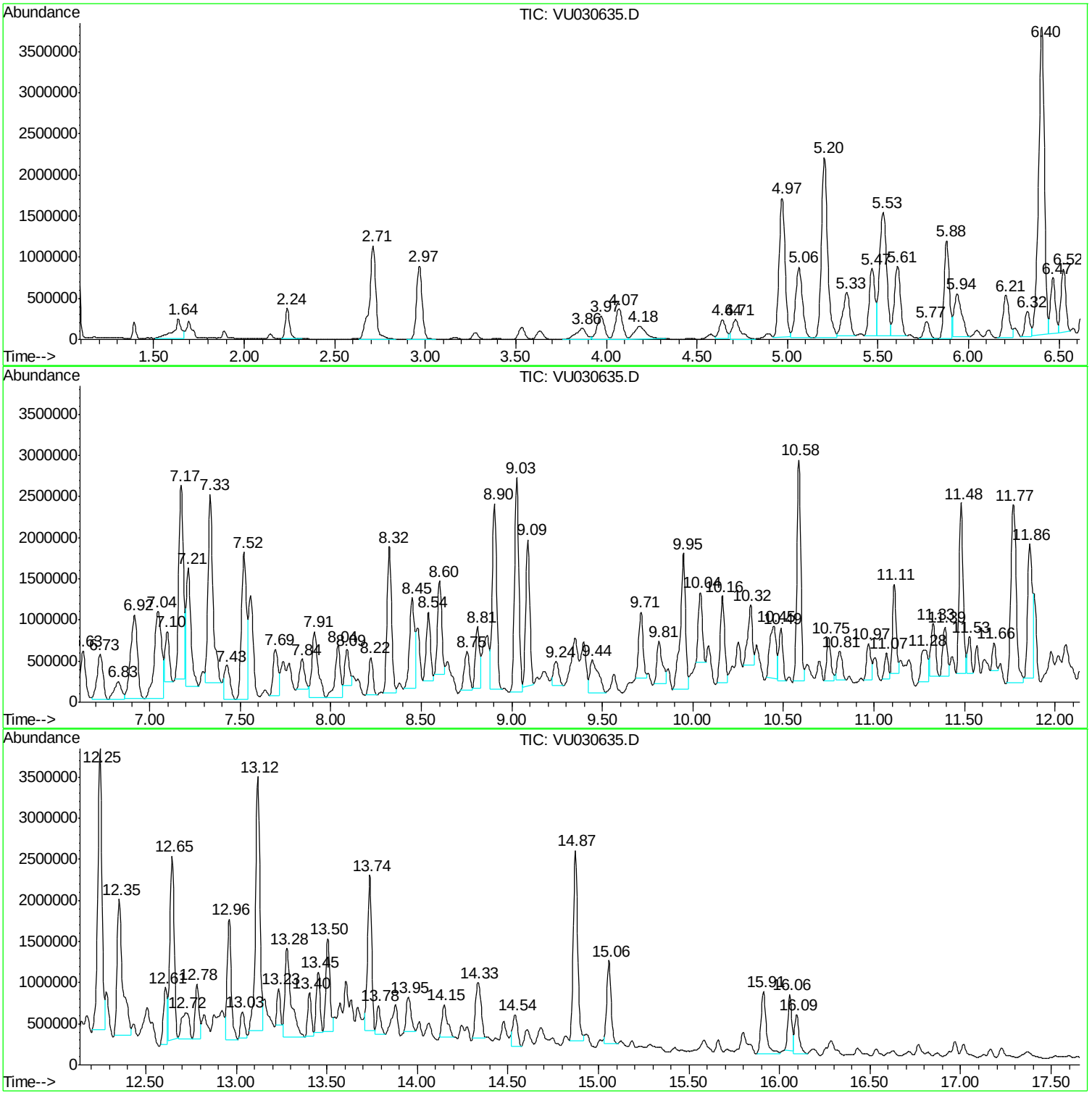
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
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Instrument : MSVOA_U
ClientSampleId : BF641

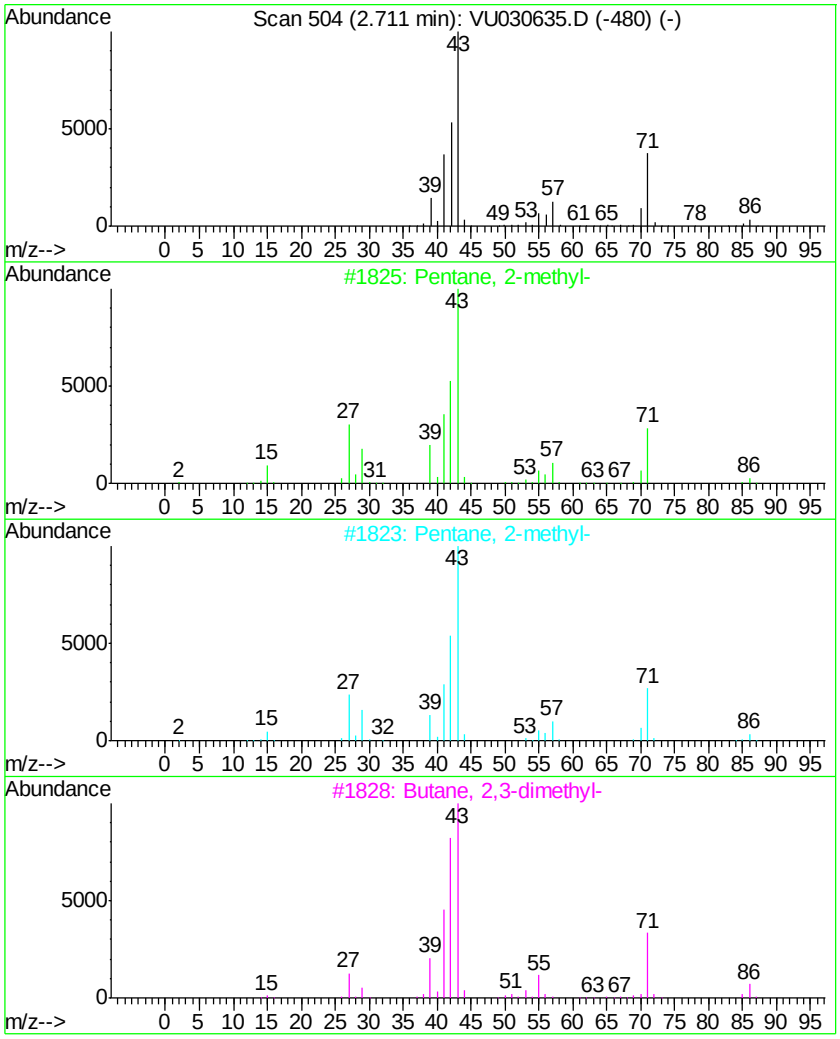
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

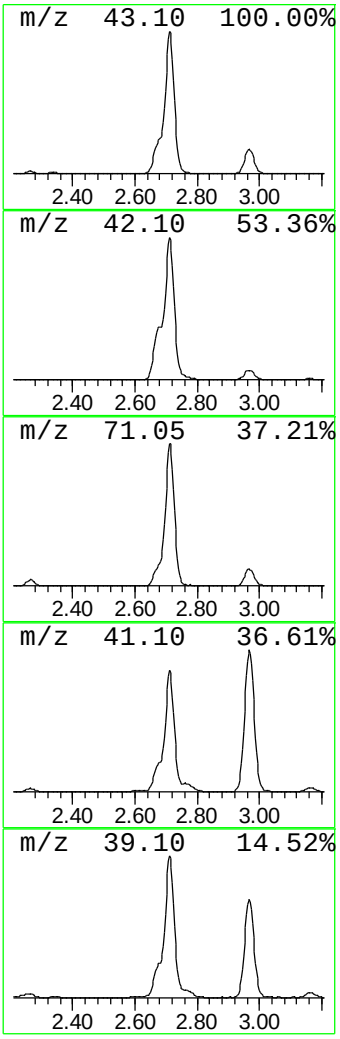
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	58.04 ug/L	2798190	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5	Pentane	72	C5H12	000109-66-0	40





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

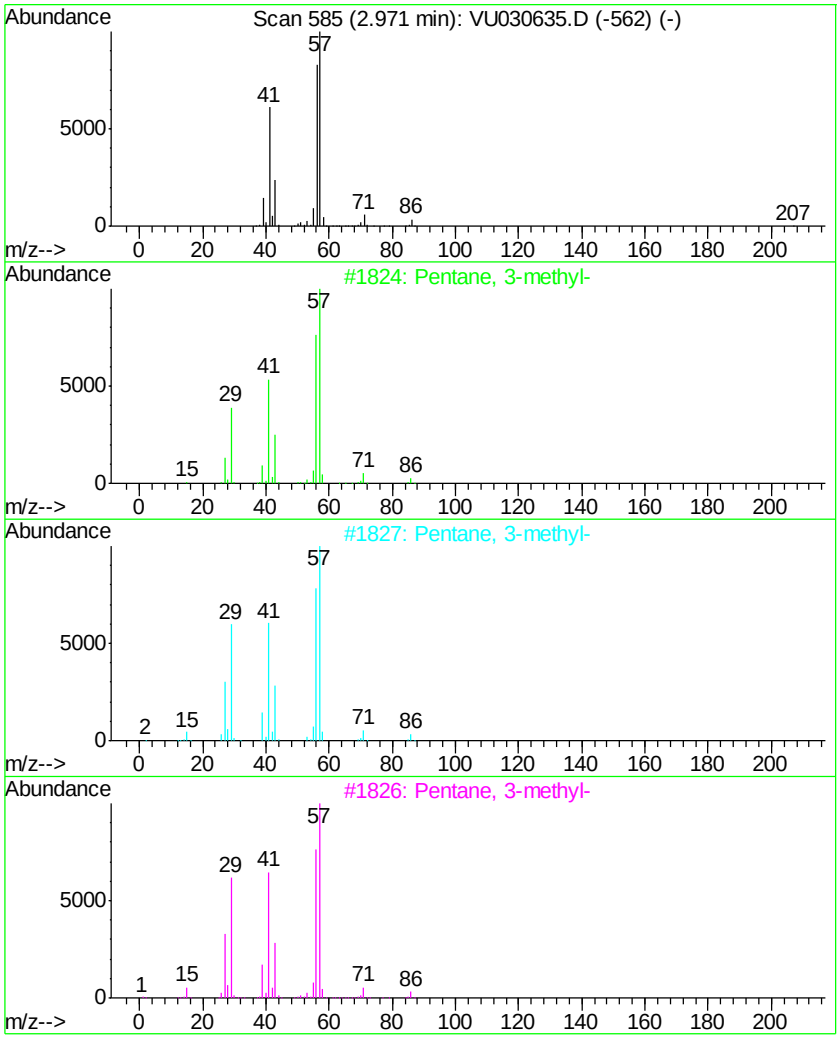
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

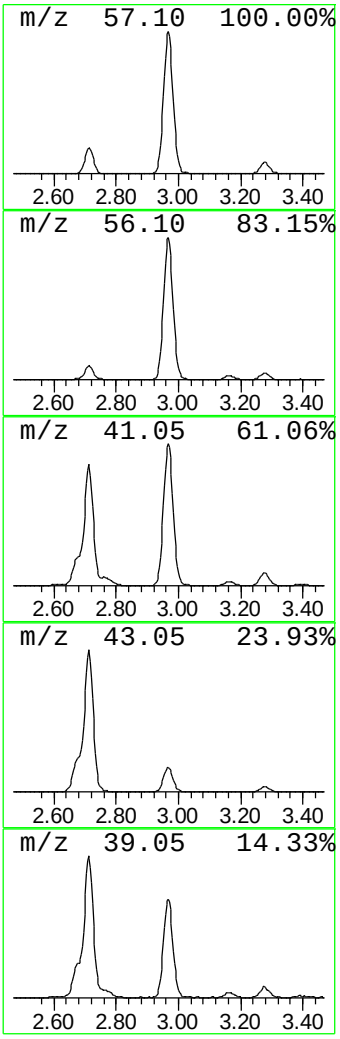
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	39.93 ug/L	1925180	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	74
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59





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Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

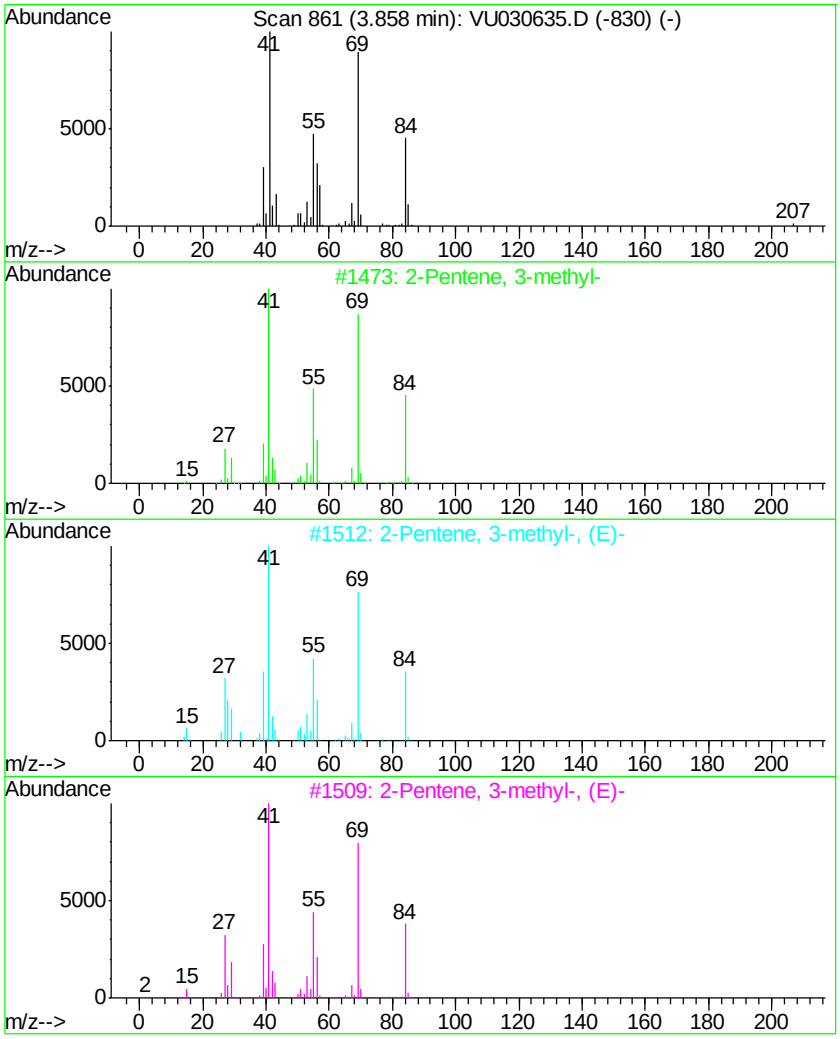
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

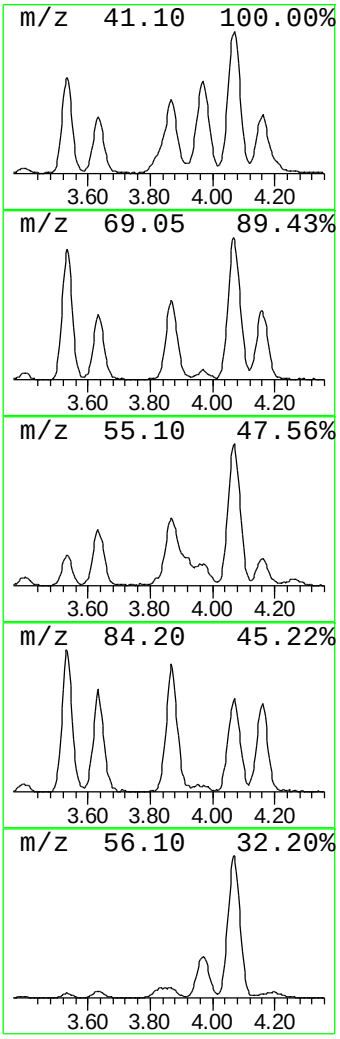
****

Peak Number 3 (DEL) Alkane: Cyclic3.86 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	10.70 ug/L	515786	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

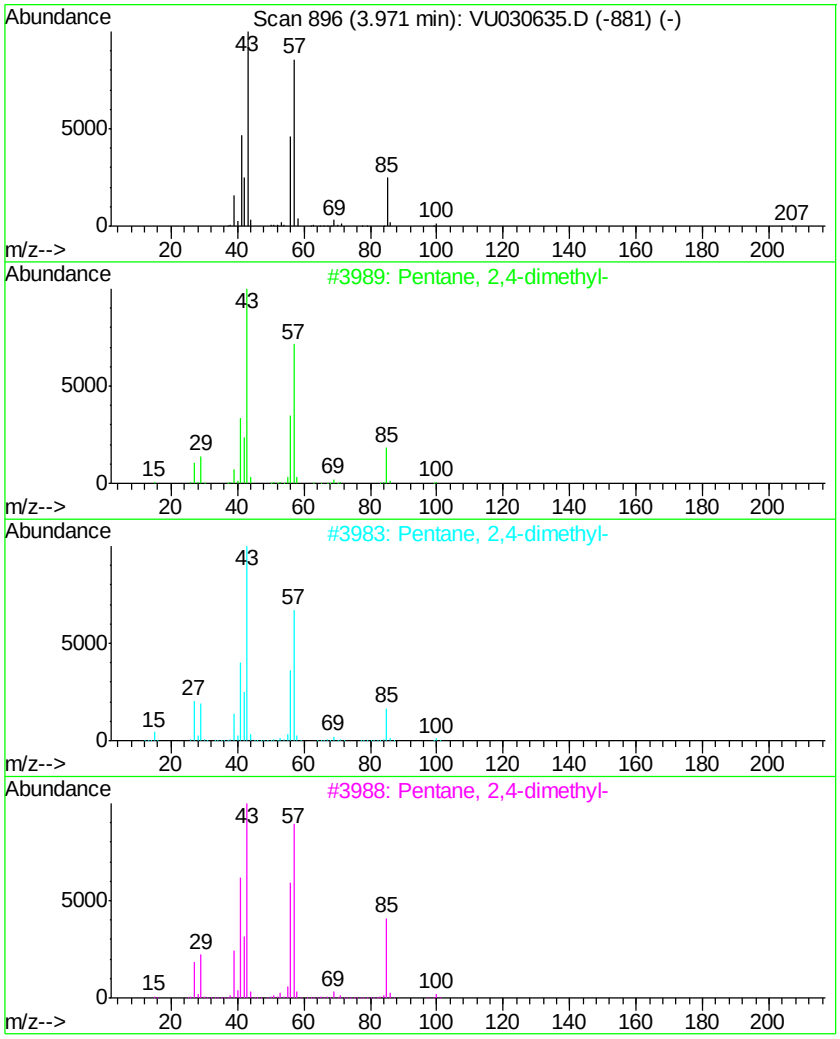
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

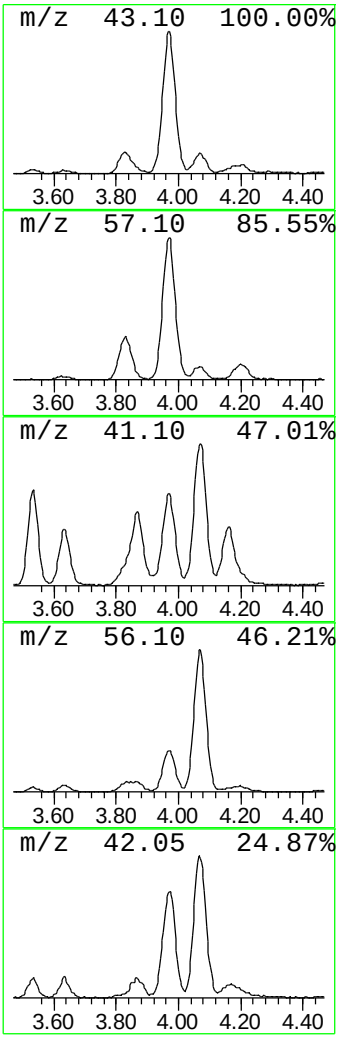
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	16.58 ug/L	799255	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	59





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Data File : VU030635.D
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Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

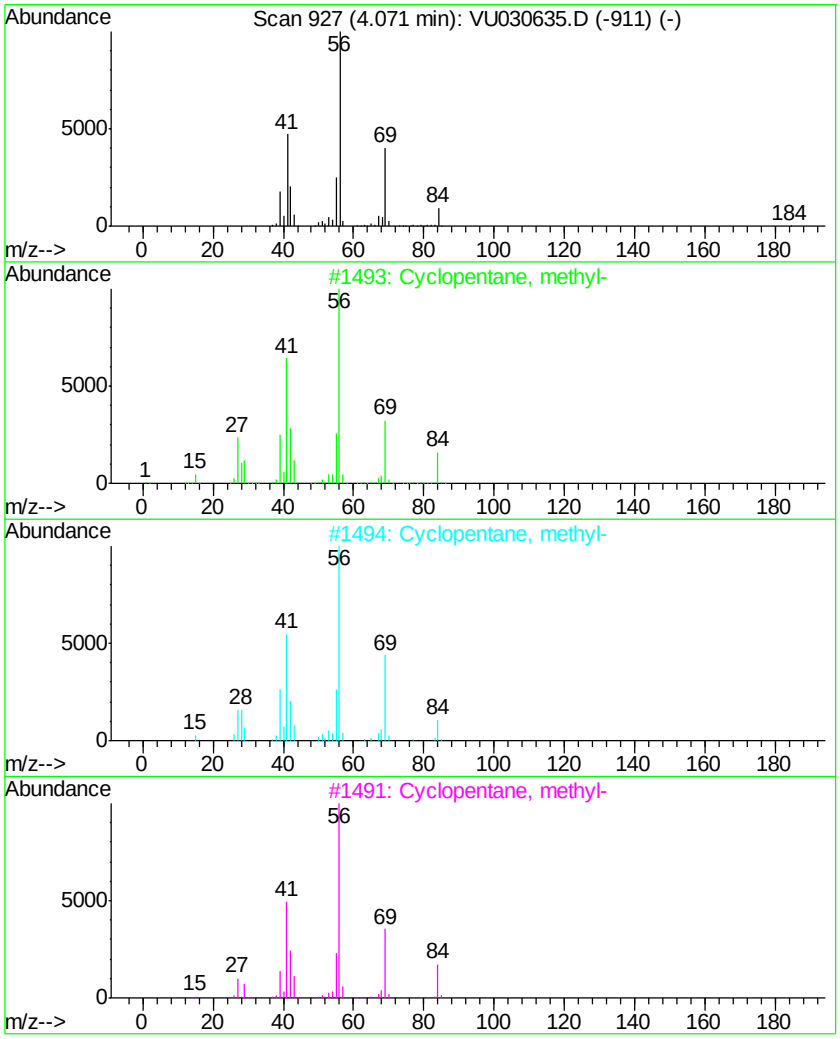
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

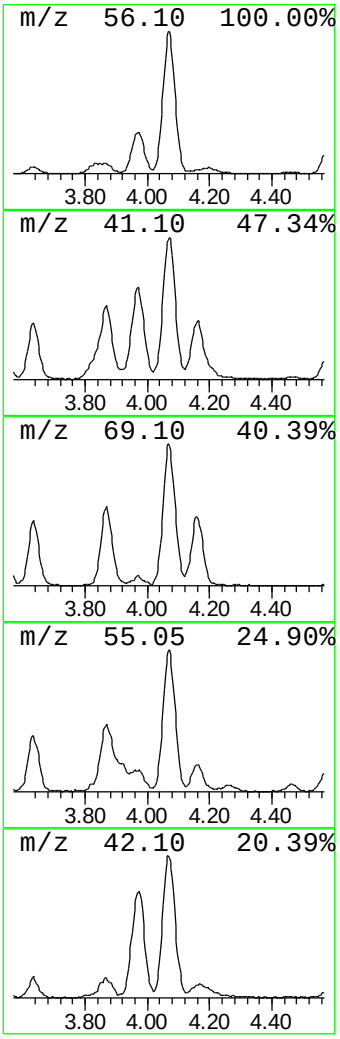
****

Peak Number 5 (DEL) Alkane: Cyclic4.07 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	20.86 ug/L	1005690	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

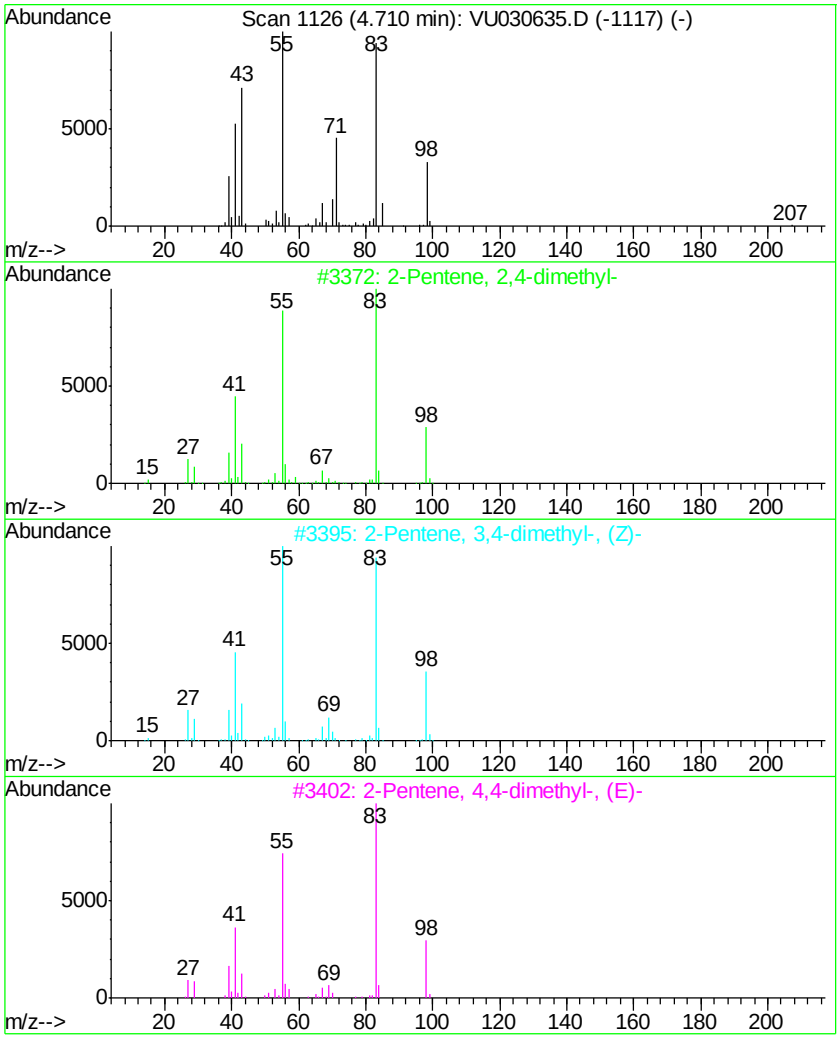
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

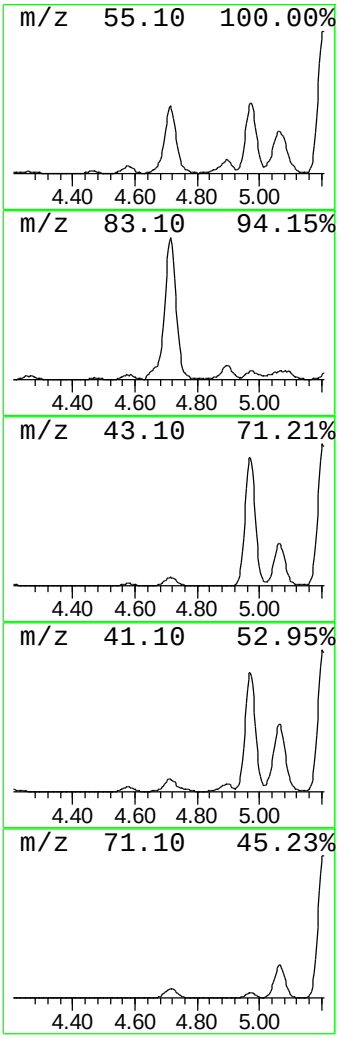
****

Peak Number 6 (DEL) Alkane: Cyclic4.71 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	15.27 ug/L	736070	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	58
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	58
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	52
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	52
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	52





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Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

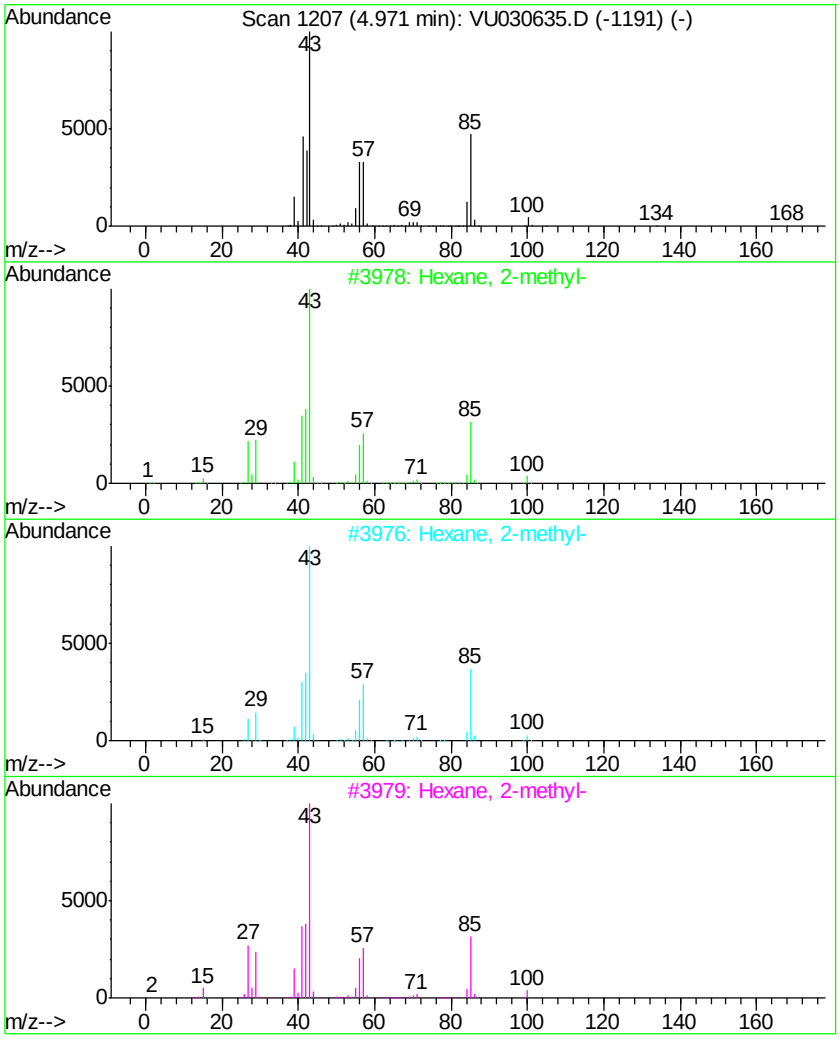
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

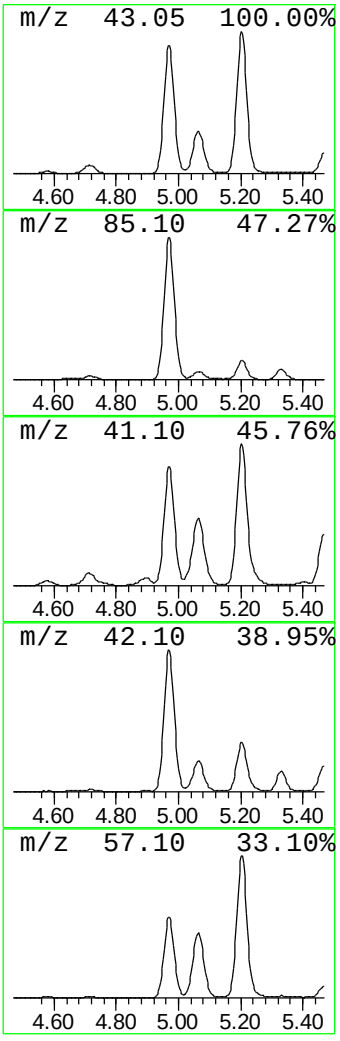
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	81.65 ug/L	3936420	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	87
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	83
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	83
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
5	Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	43





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Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

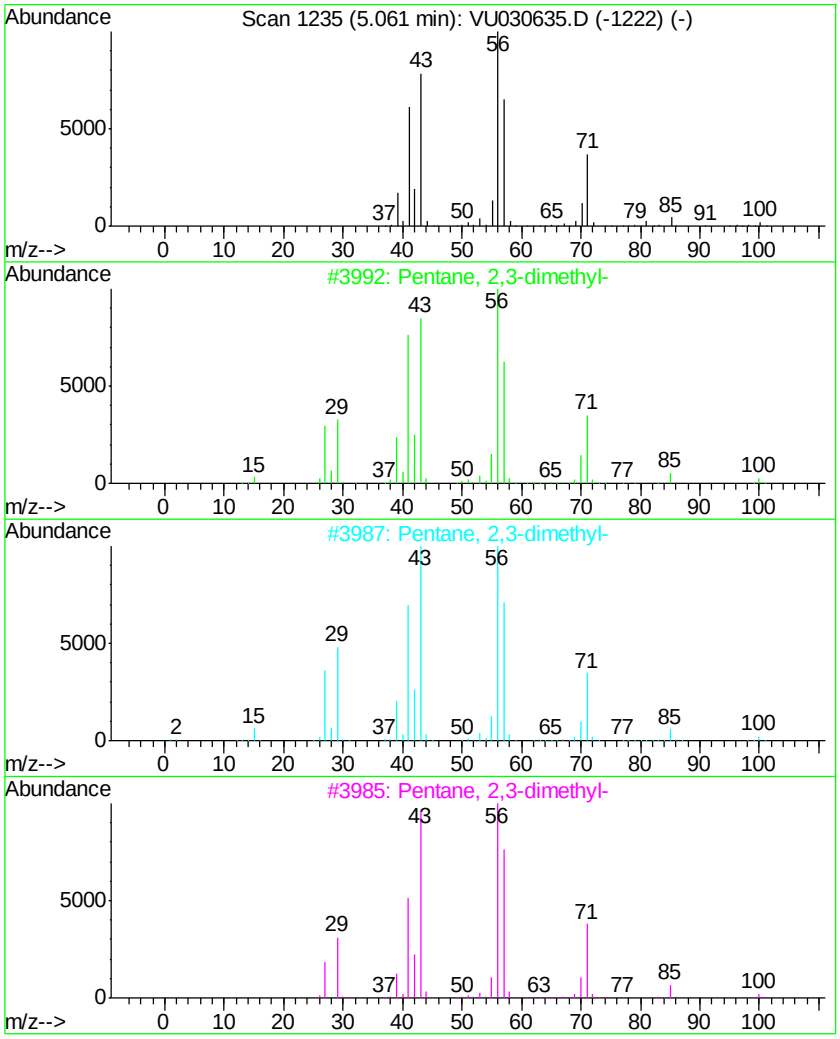
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

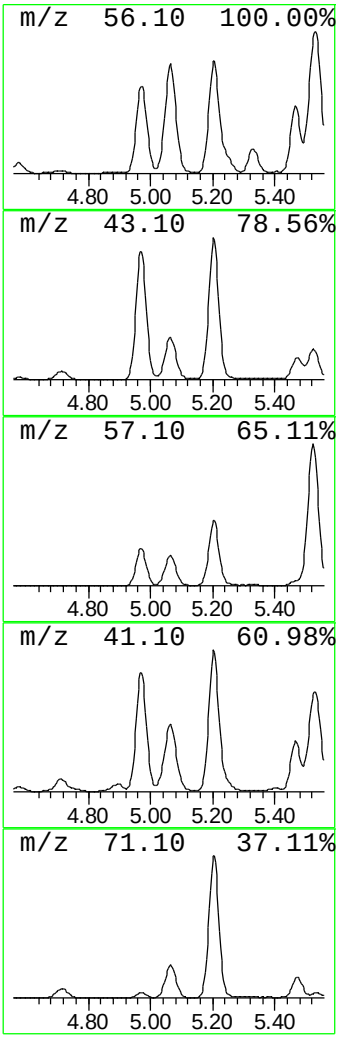
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	47.18 ug/L	2274490	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

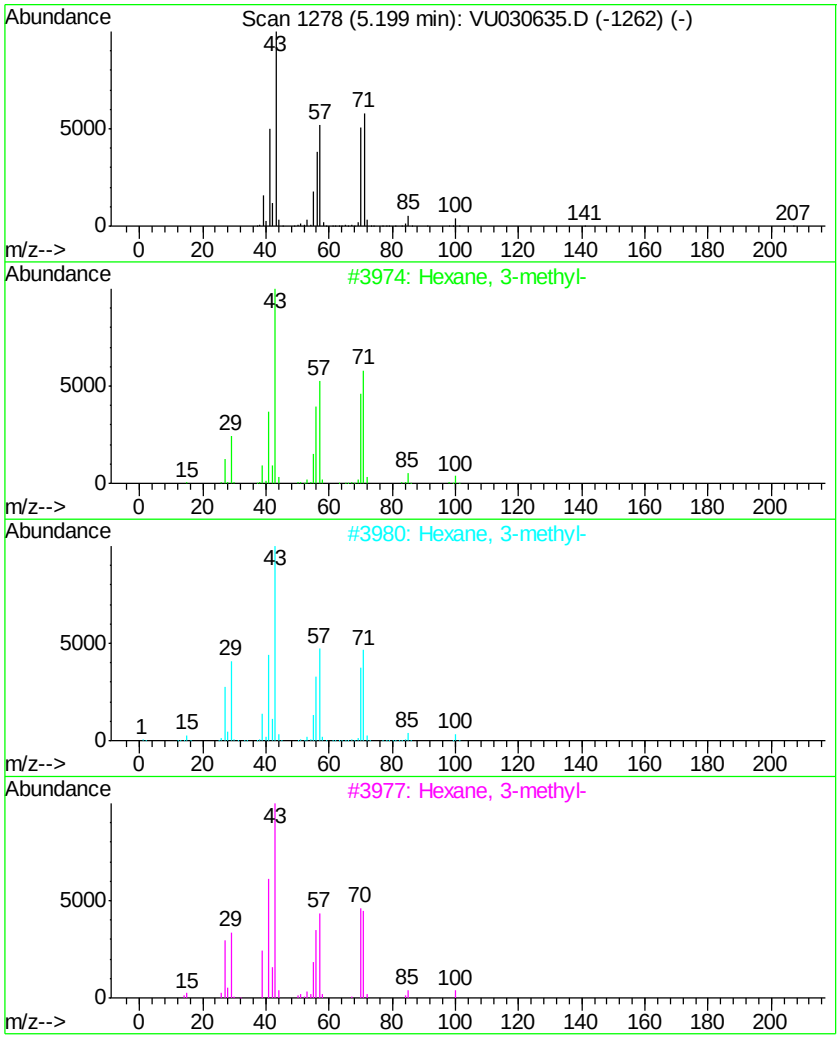
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

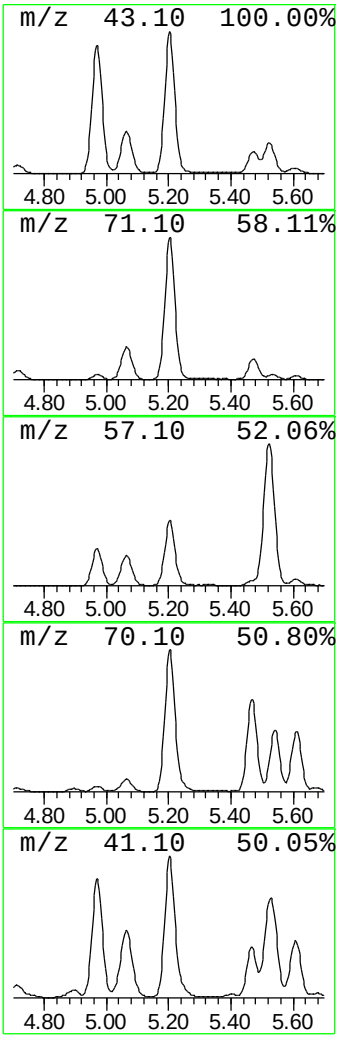
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	108.88 ug/L	5249150	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane	100	C7H16	000142-82-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
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Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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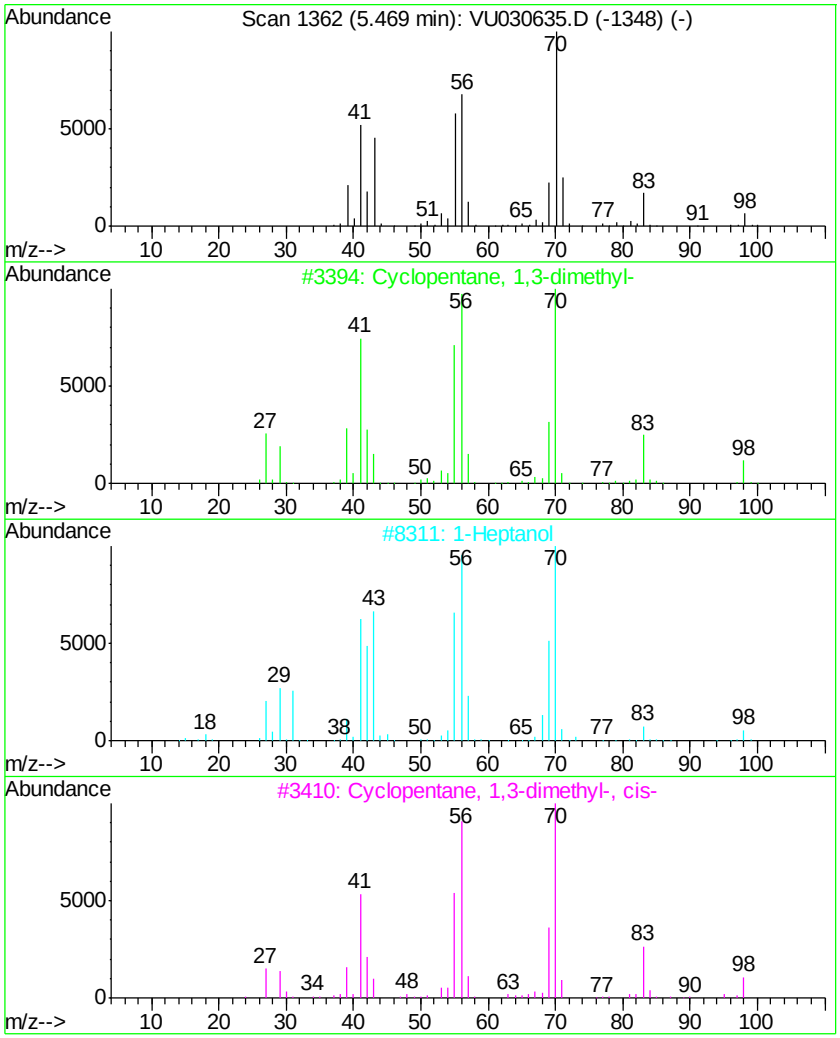
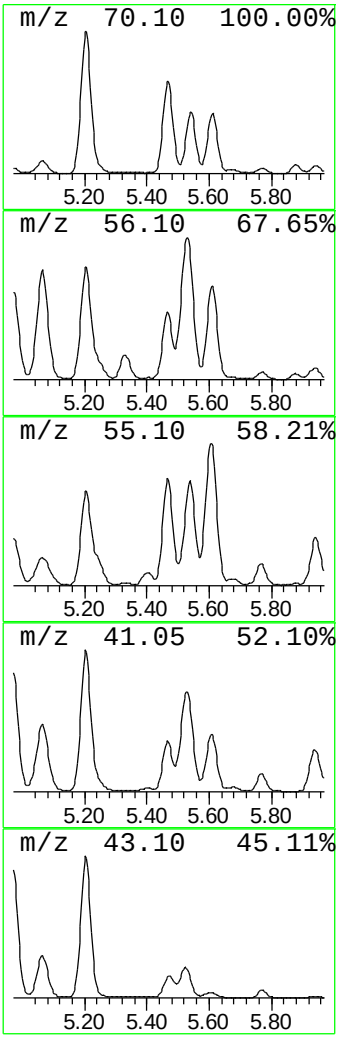
Peak Number 10 (DEL) Alkane: Cyclic5.47 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	37.60 ug/L	1812950	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
2	1-Heptanol	116	C7H16O	000111-70-6	64
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	56
4	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	53
5	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

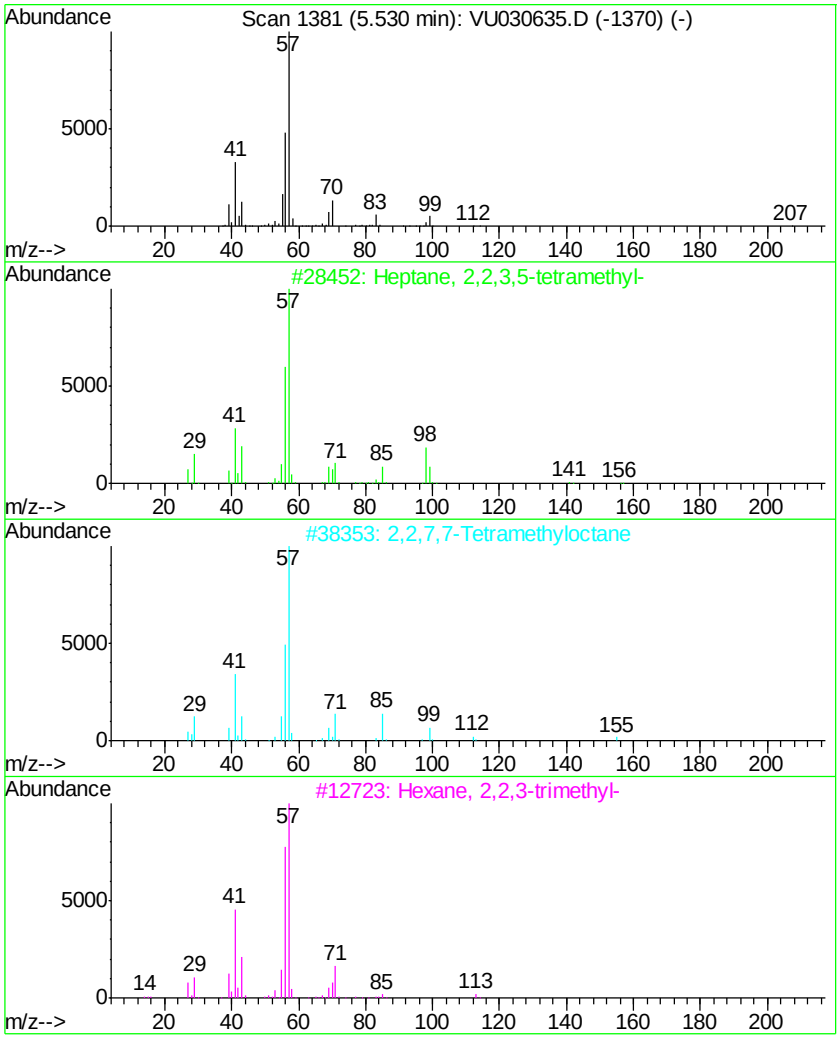
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

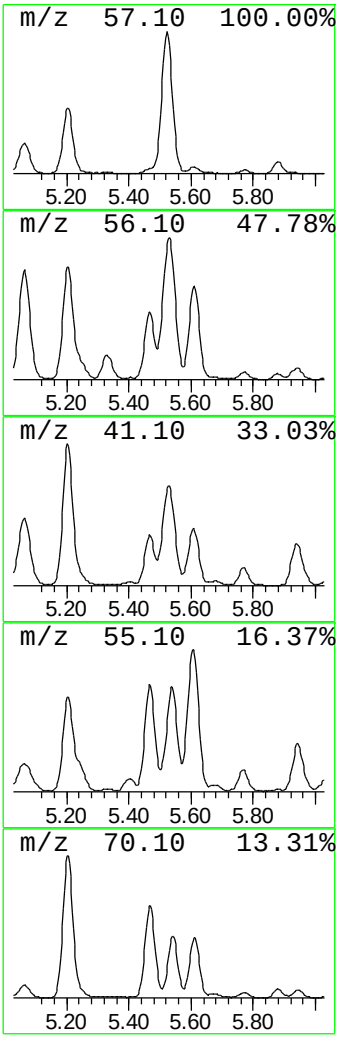
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	82.82 ug/L	3993120	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	72
2	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	53
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53





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Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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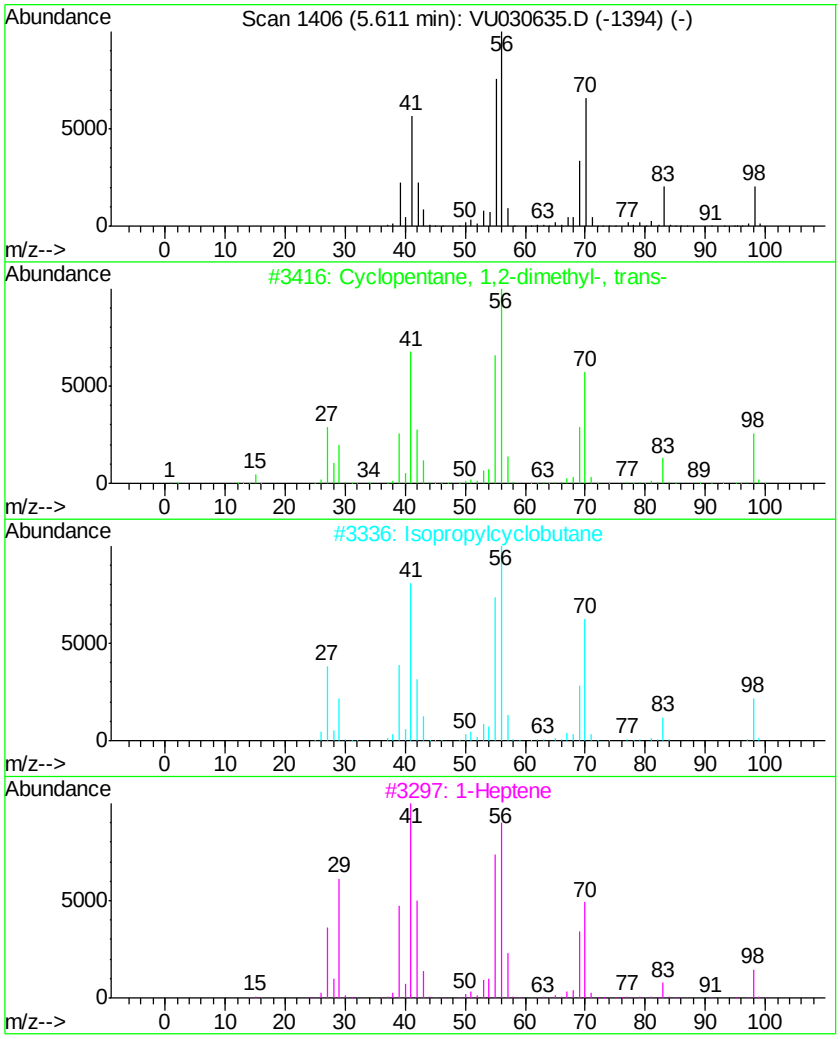
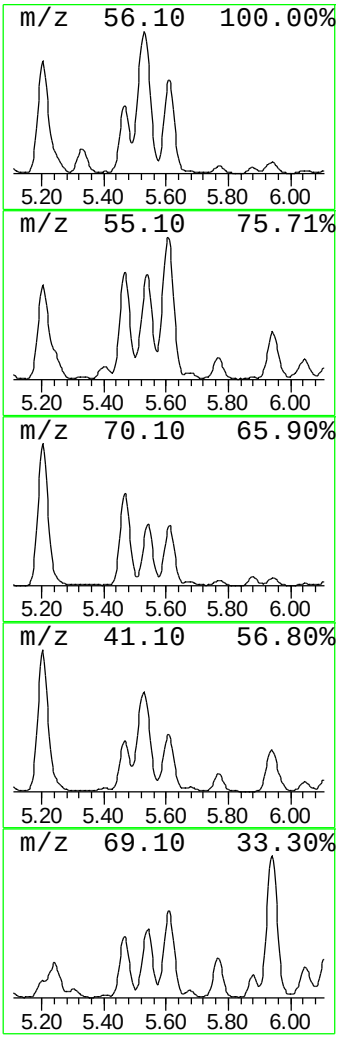
Peak Number 12 (DEL) Alkane: Cyclic5.61 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	41.19 ug/L	1985960	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
2	Isopropylcyclobutane	98	C7H14	000872-56-0	87
3	1-Heptene	98	C7H14	000592-76-7	87
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	83
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80





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Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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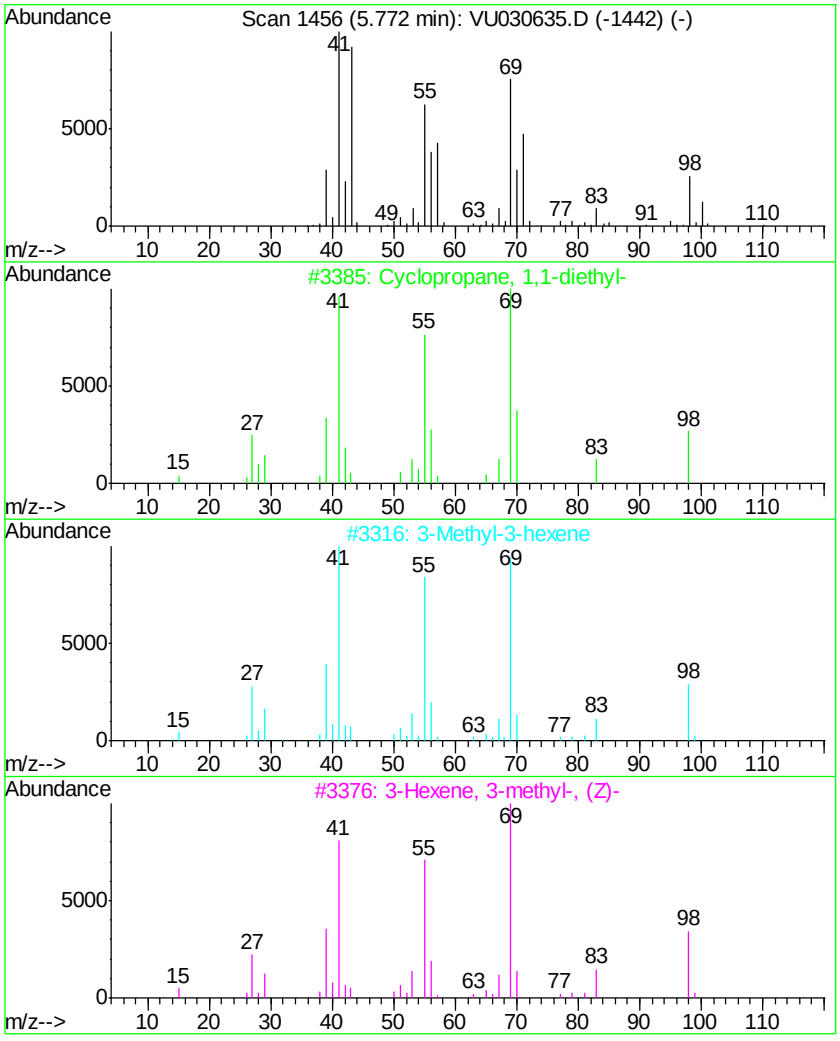
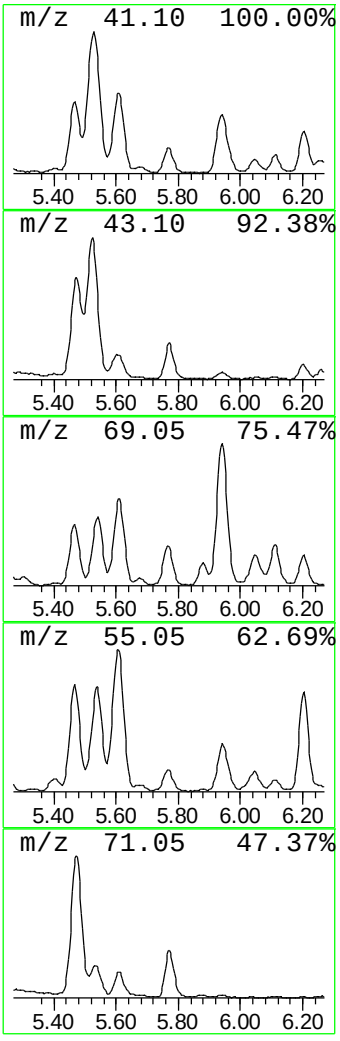
Peak Number 13 (DEL) Alkane: Cyclic5.77 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	9.34 ug/L	450300	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	58
2	3-Methyl-3-hexene	98	C7H14	003404-65-7	55
3	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	53
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	52
5	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	49





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Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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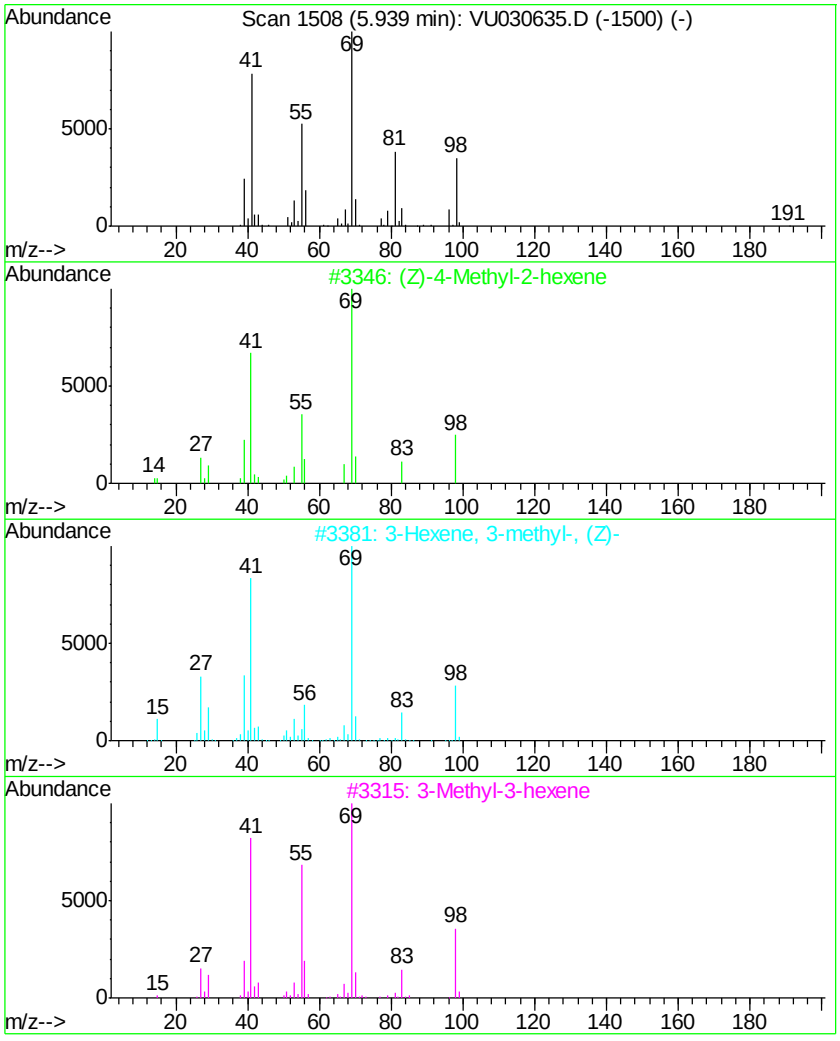
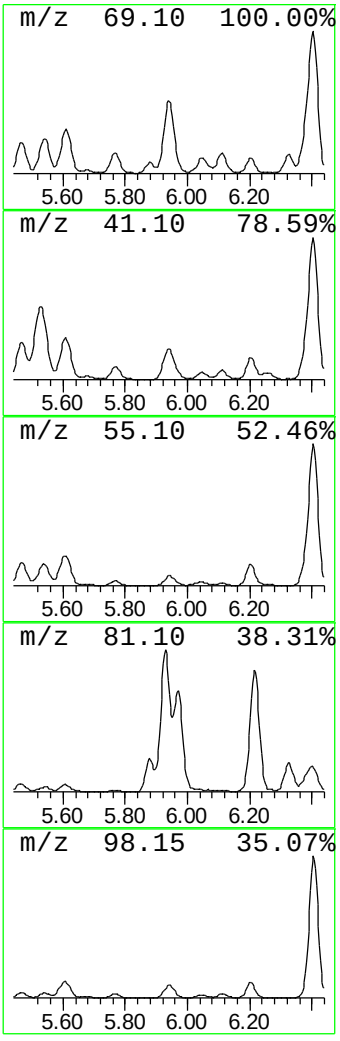
Peak Number 14 (DEL) Alkane: Cyclic5.94 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	30.51 ug/L	1471180	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	74
2	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	74
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	72
4	3-Methyl-3-hexene	98	C7H14	003404-65-7	68
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	68





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Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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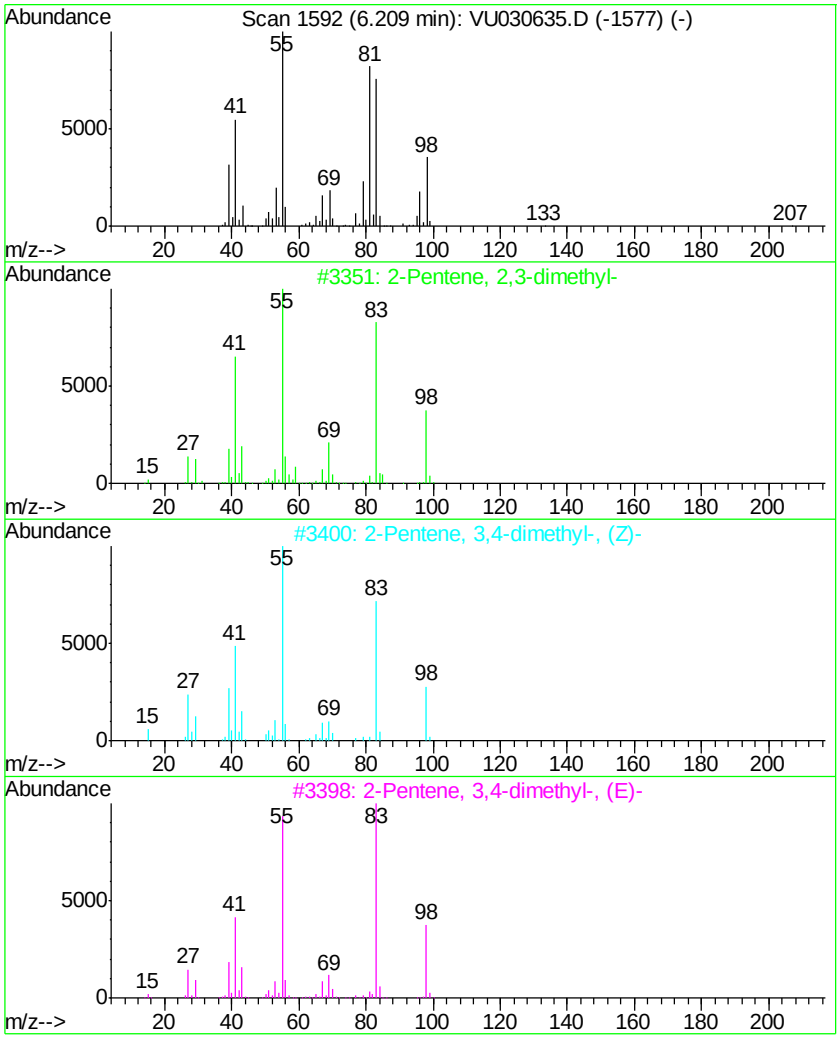
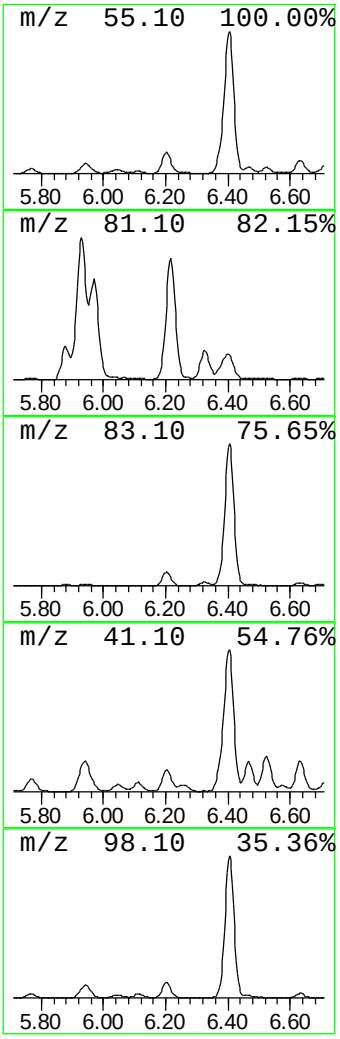
Peak Number 15 (DEL) Alkane: Cyclic6.21 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	24.89 ug/L	1200180	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	74
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	74
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
5	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	72





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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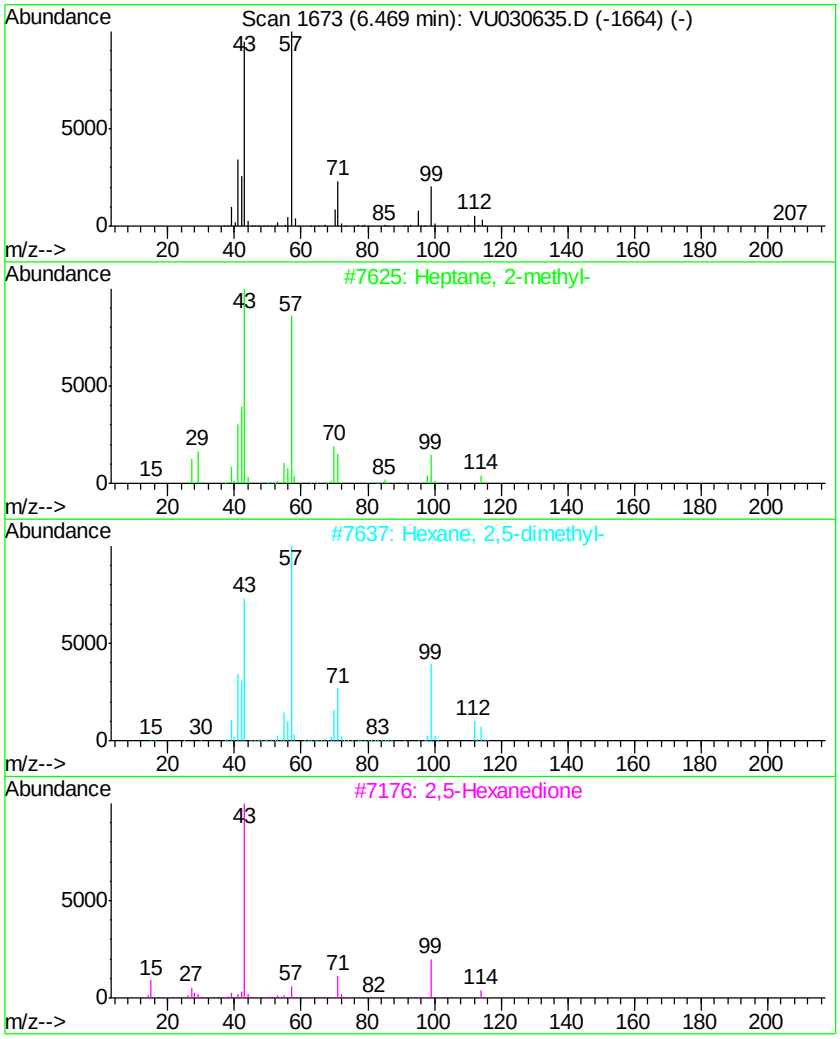
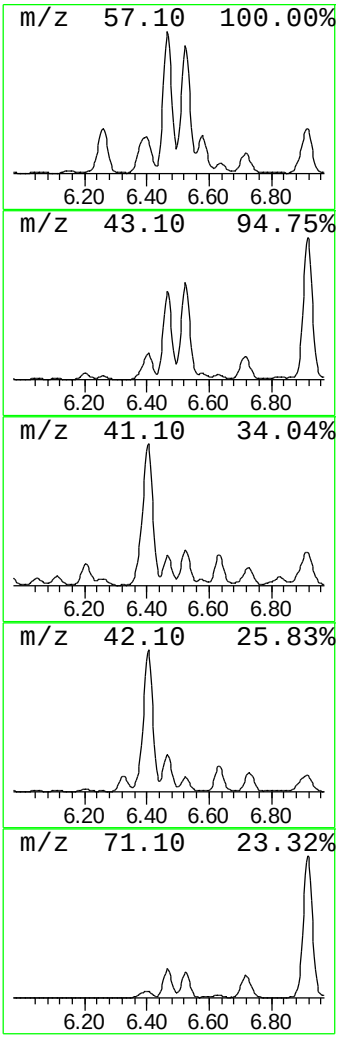
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	26.21 ug/L	1263620	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	53
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	45
3	2,5-Hexanedione	114	C6H10O2	000110-13-4	43
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

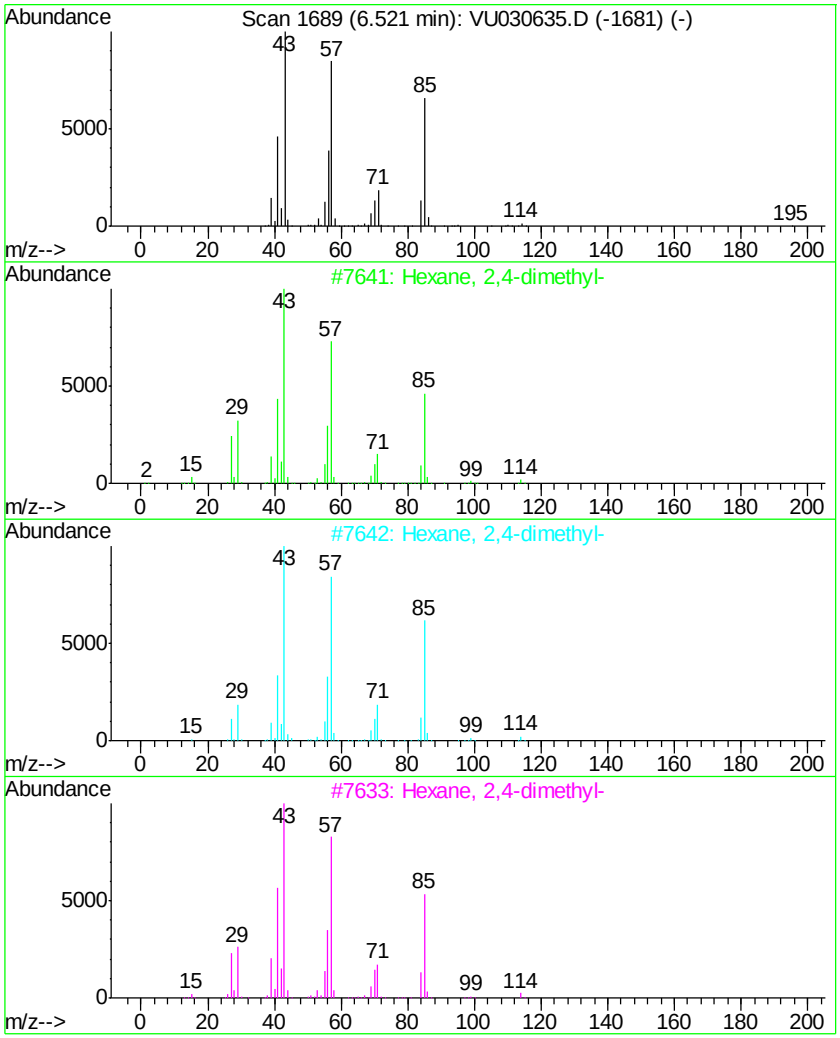
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

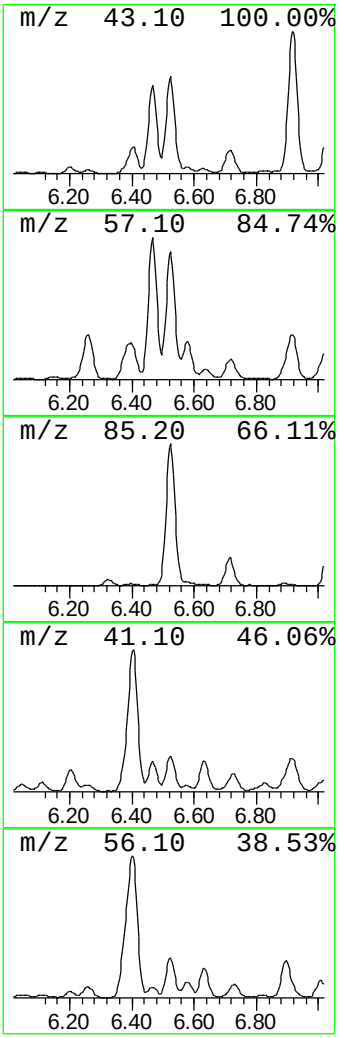
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	29.38 ug/L	1416420	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
5	Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	53





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

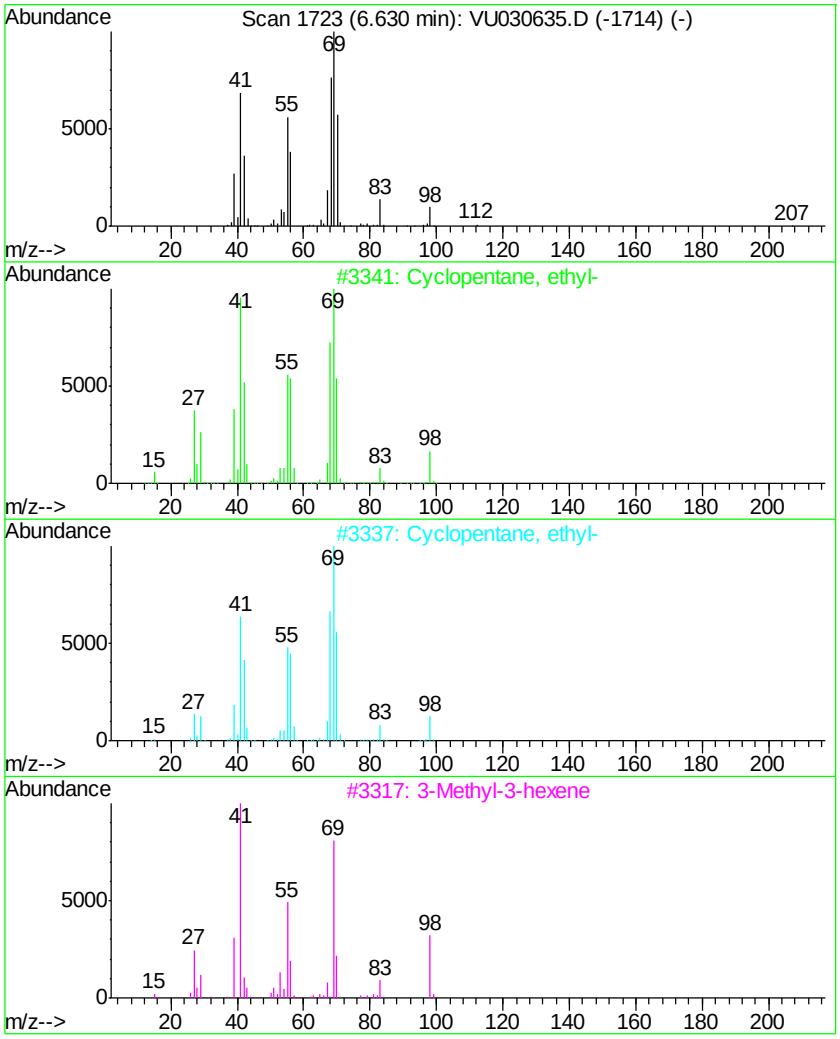
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

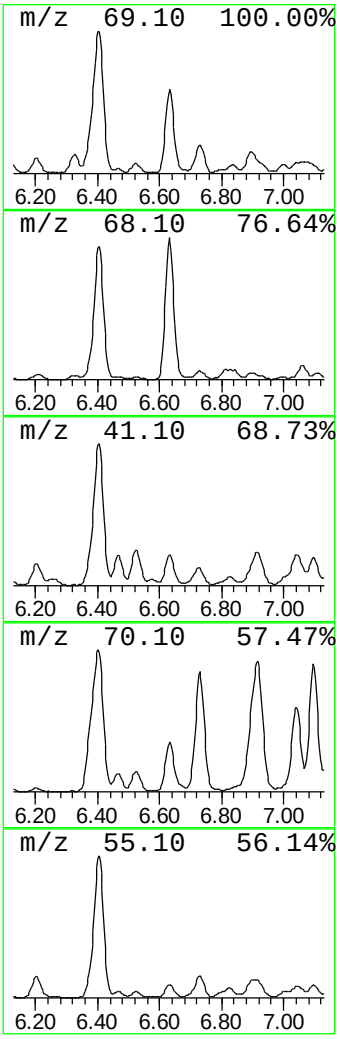
****

Peak Number 18 (DEL) Alkane: Cyclic6.63 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	21.77 ug/L	1049600	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	72
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	46
4	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	43





Library Search Compound Report

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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

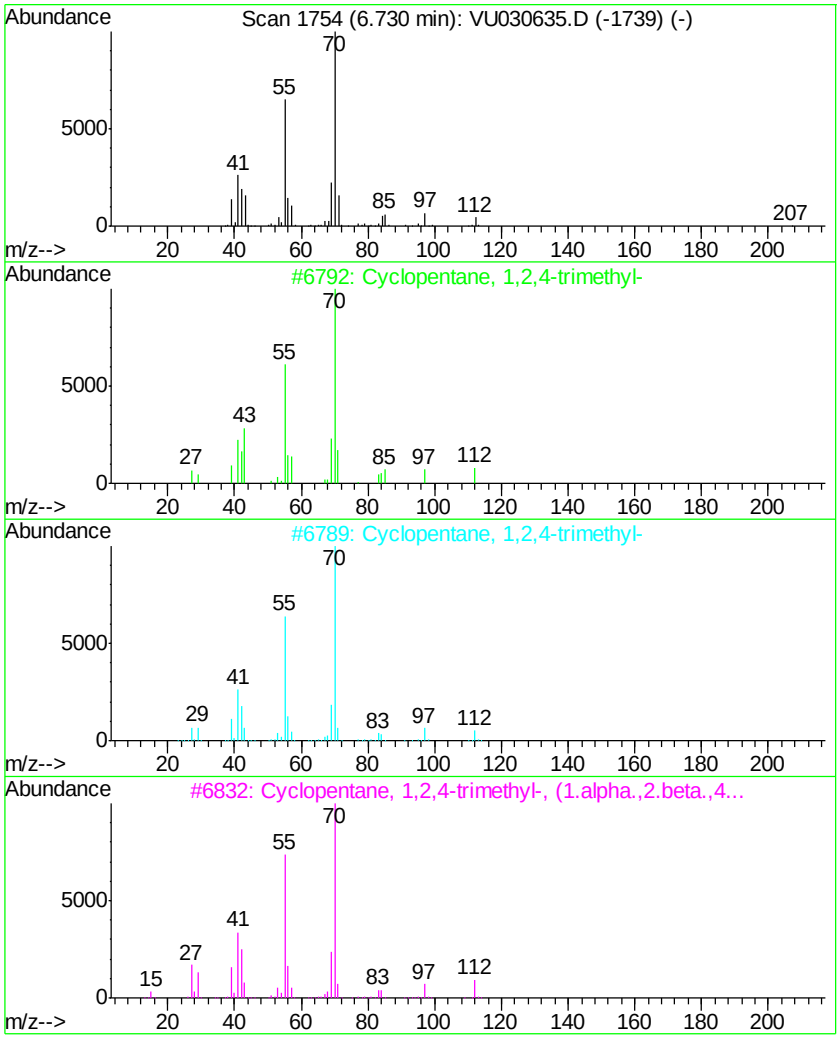
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

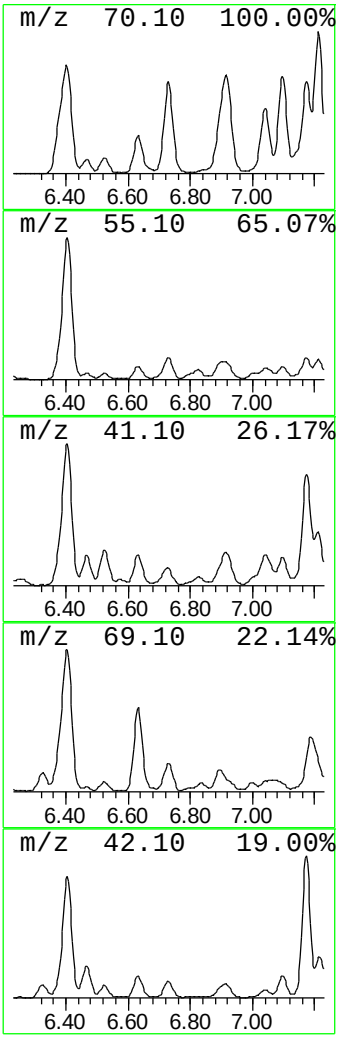
****

Peak Number 19 (DEL) Alkane: Cyclic6.73 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	25.63 ug/L	1235710	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	86
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
5	Undecane, 3-methylene-	168	C12H24	071138-64-2	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

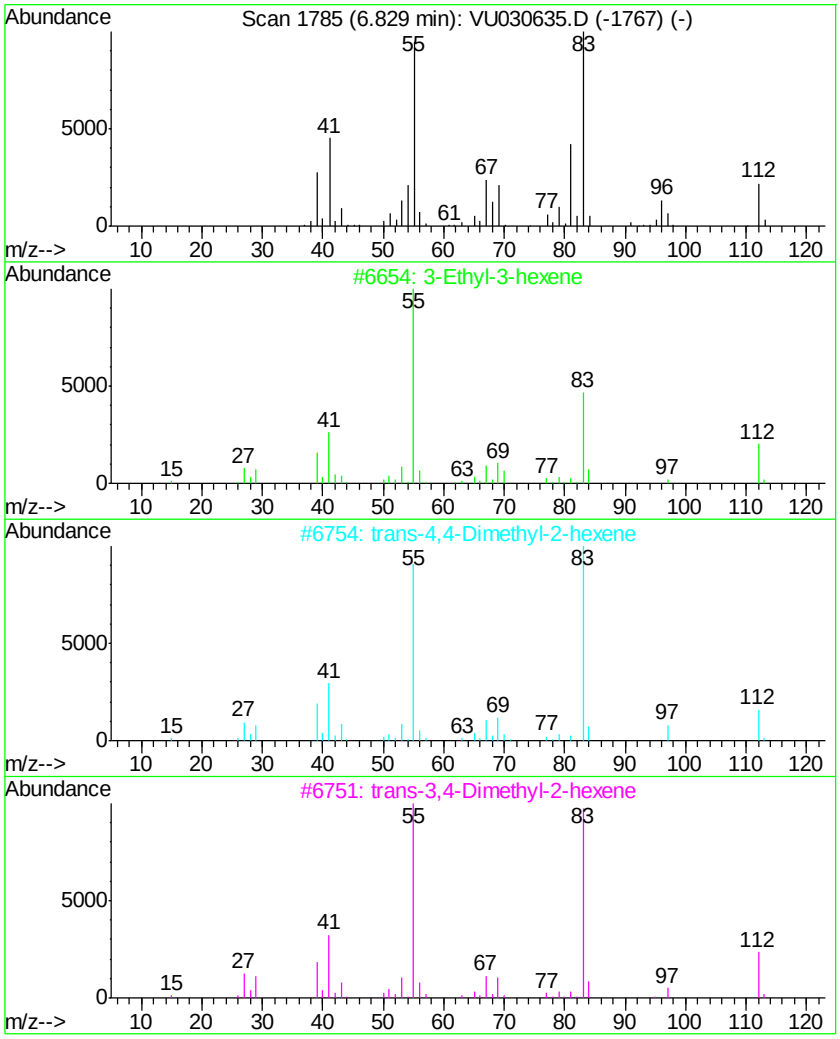
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

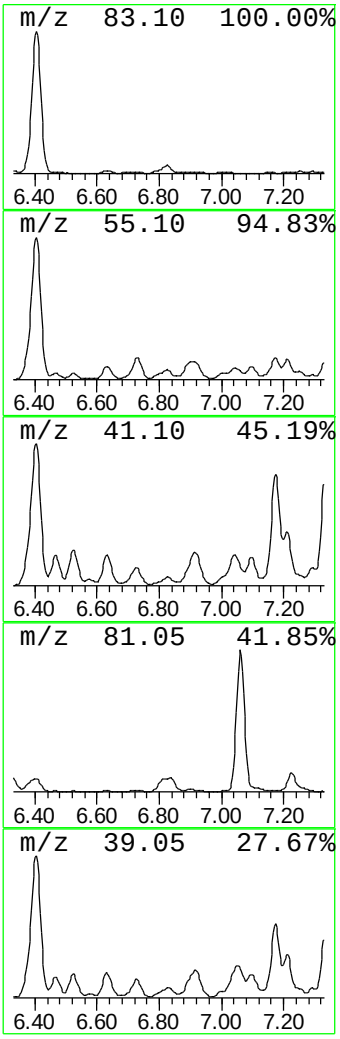
****

Peak Number 20 (DEL) Alkane: Cyclic6.83 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	12.68 ug/L	611351	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-hexene	112	C8H16	016789-51-8	72
2	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	68
3	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	64
4	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	59
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

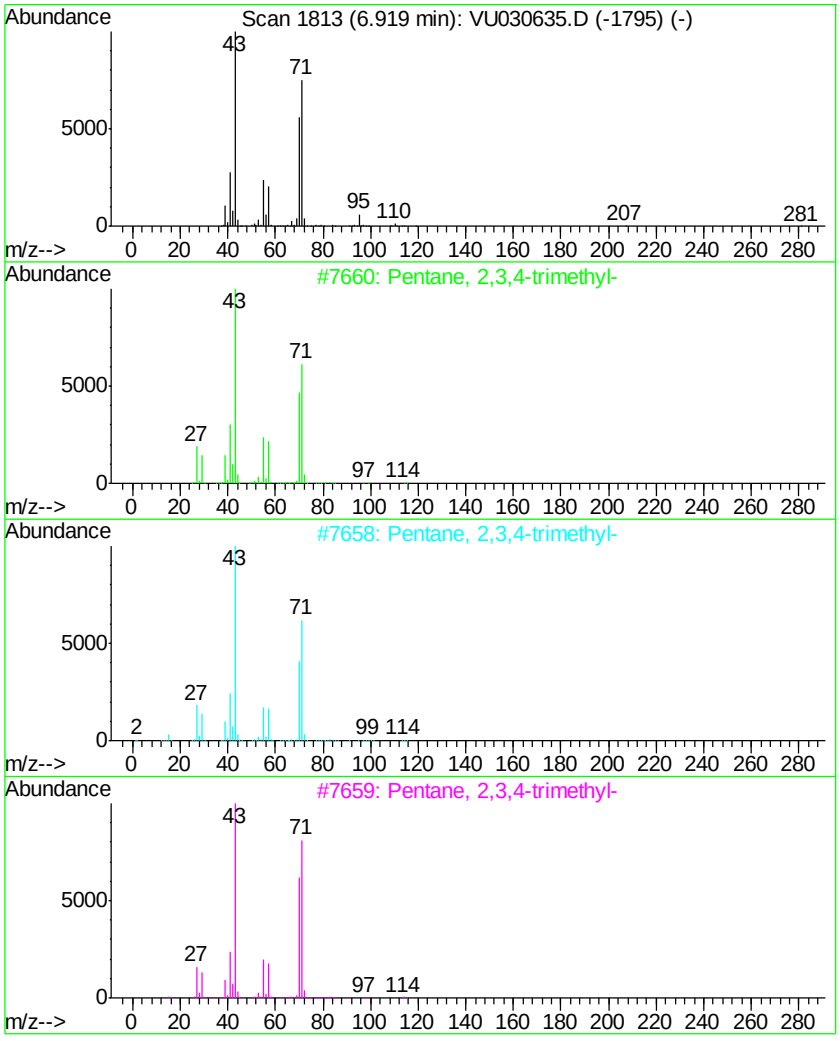
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

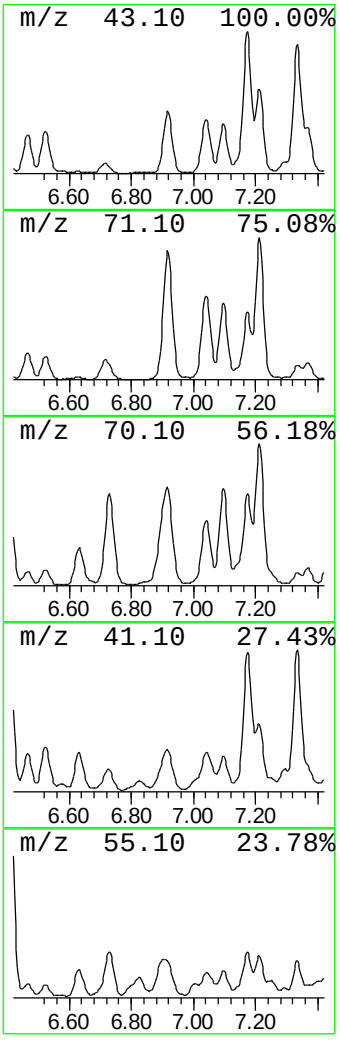
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	55.50 ug/L	2675650	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

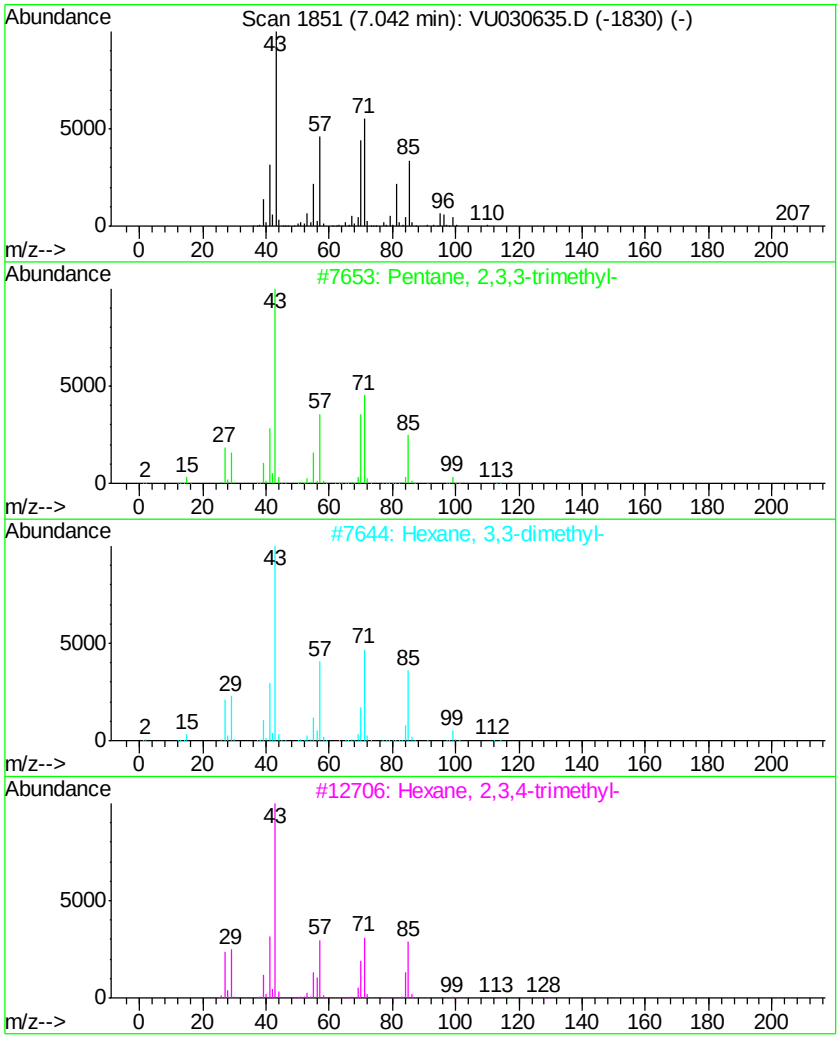
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

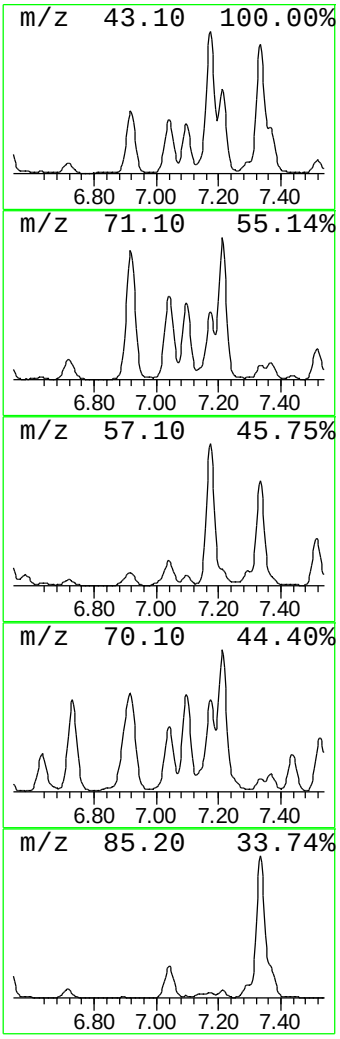
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	62.82 ug/L	3028750	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	86
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53





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Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

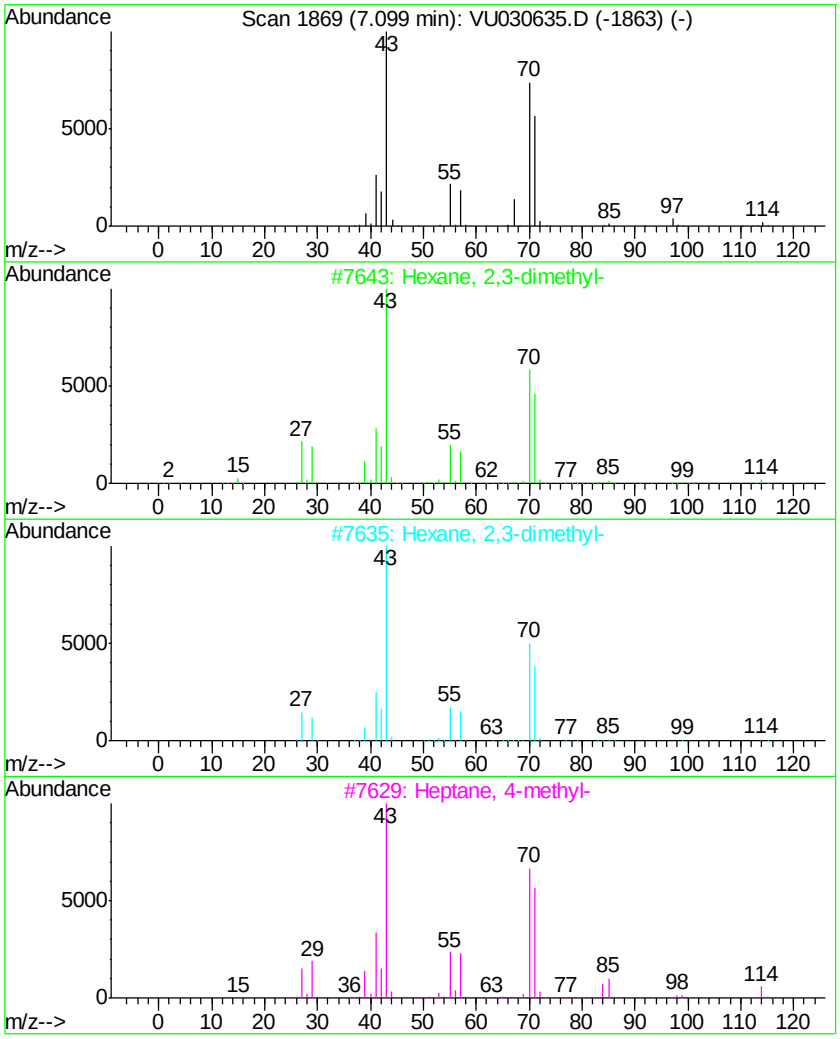
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

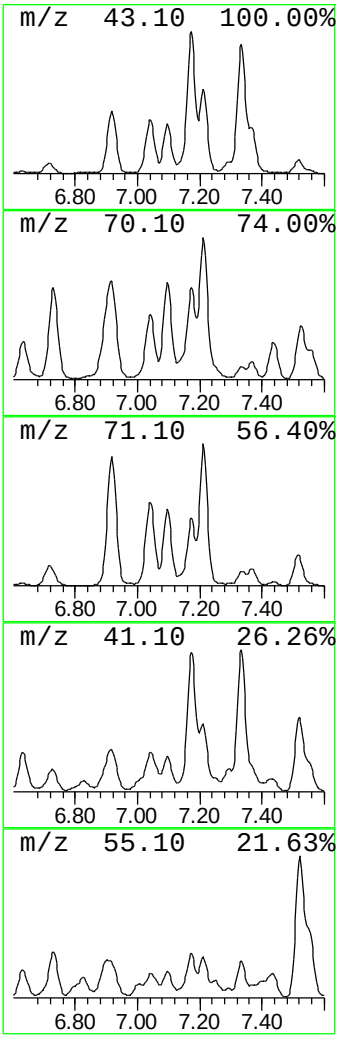
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	19.55 ug/L	942740	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	91
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	86
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

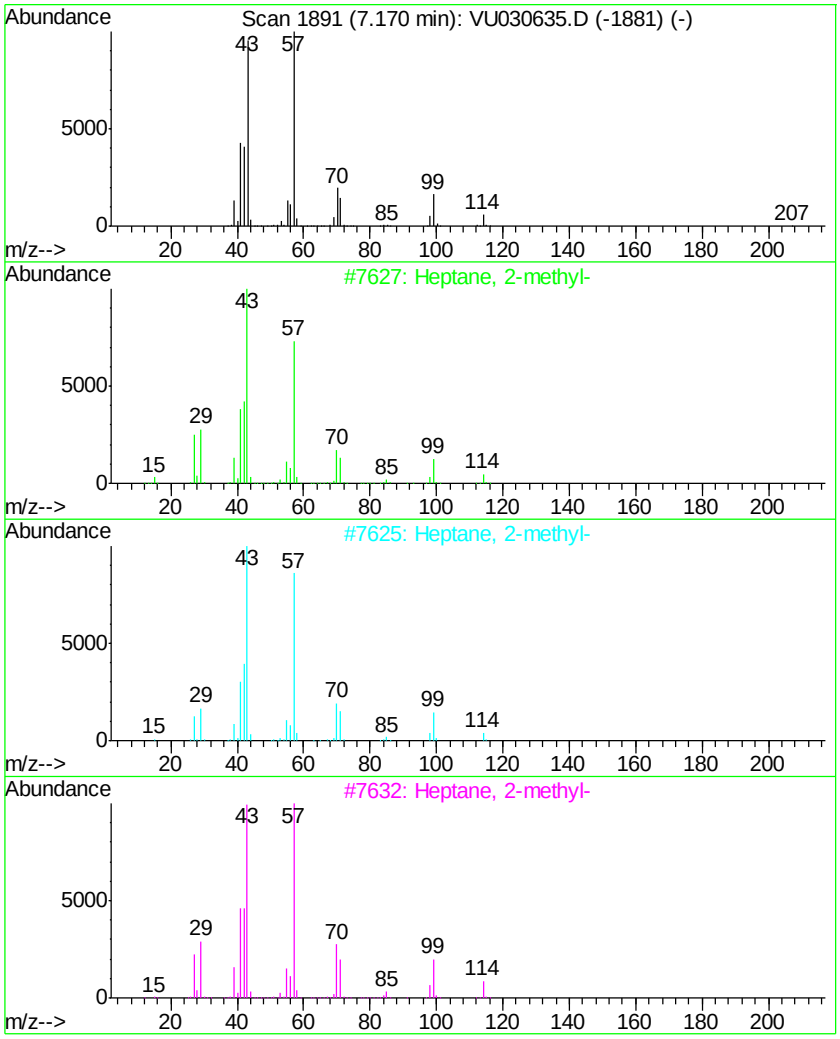
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

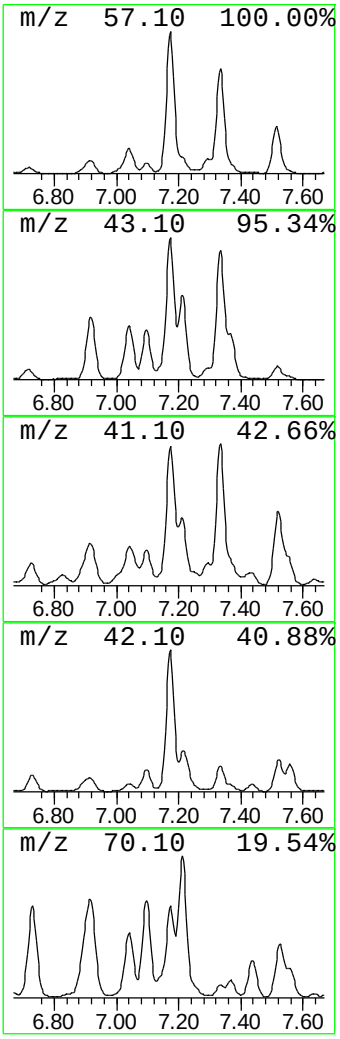
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	86.74 ug/L	4182190	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

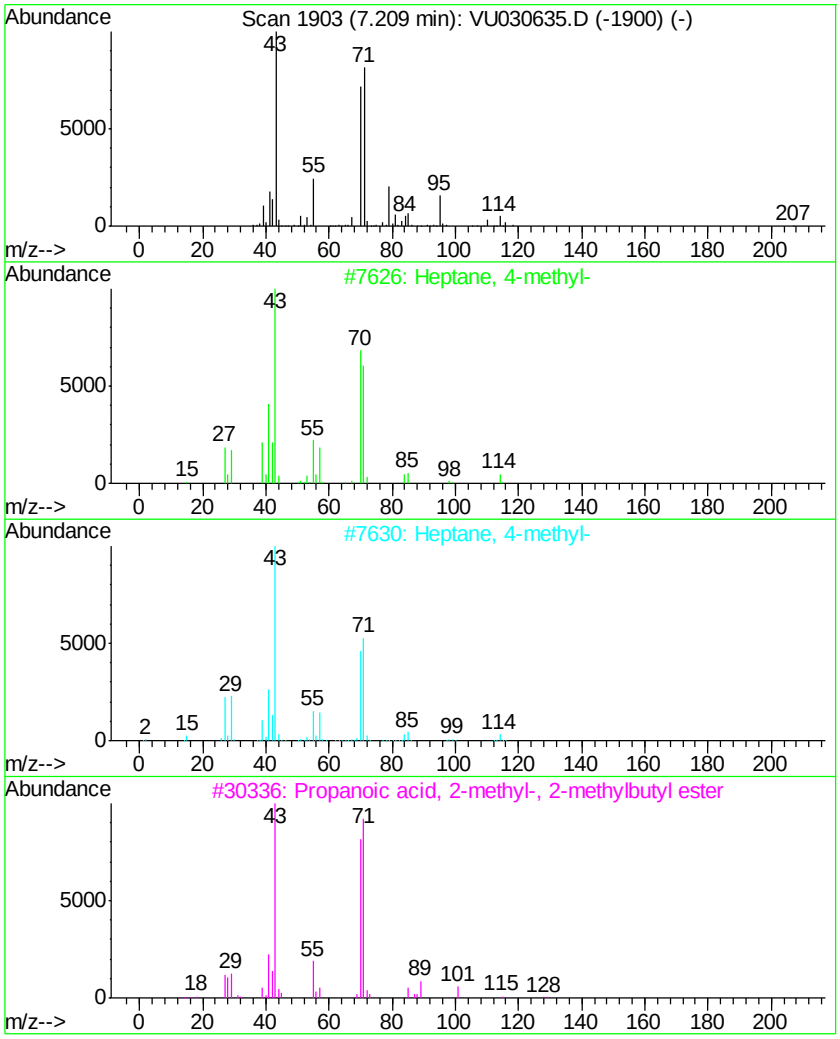
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

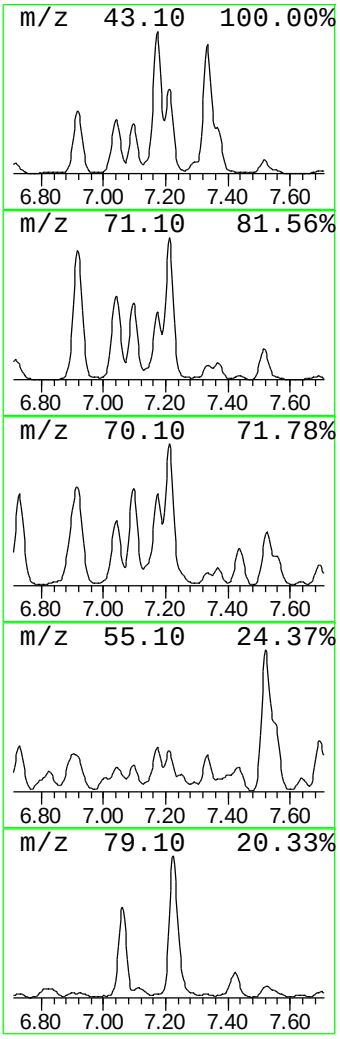
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	50.16 ug/L	2418370	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
3	Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	42
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	40
5	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	38





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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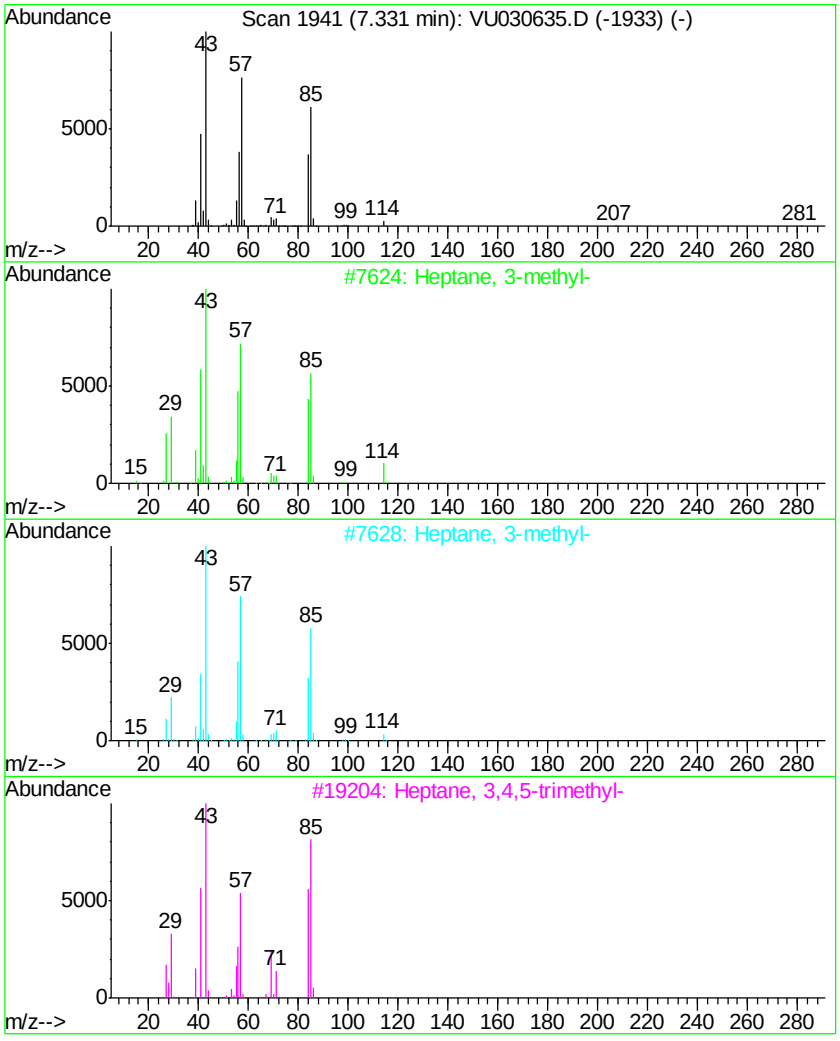
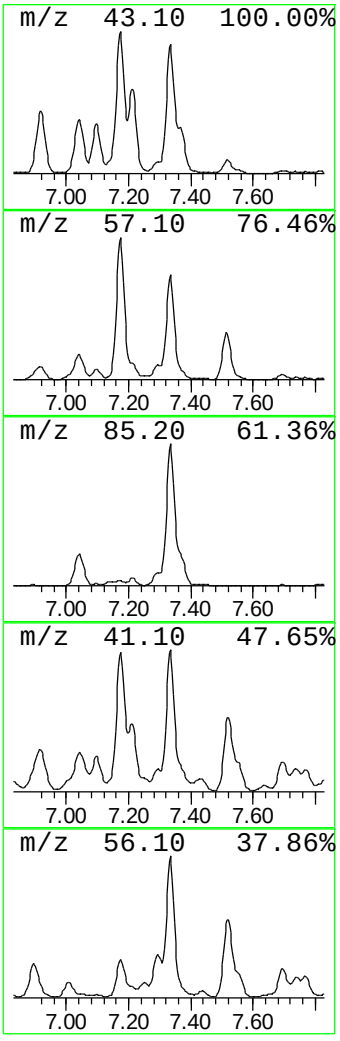
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	90.88 ug/L	4381490	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	90
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	86
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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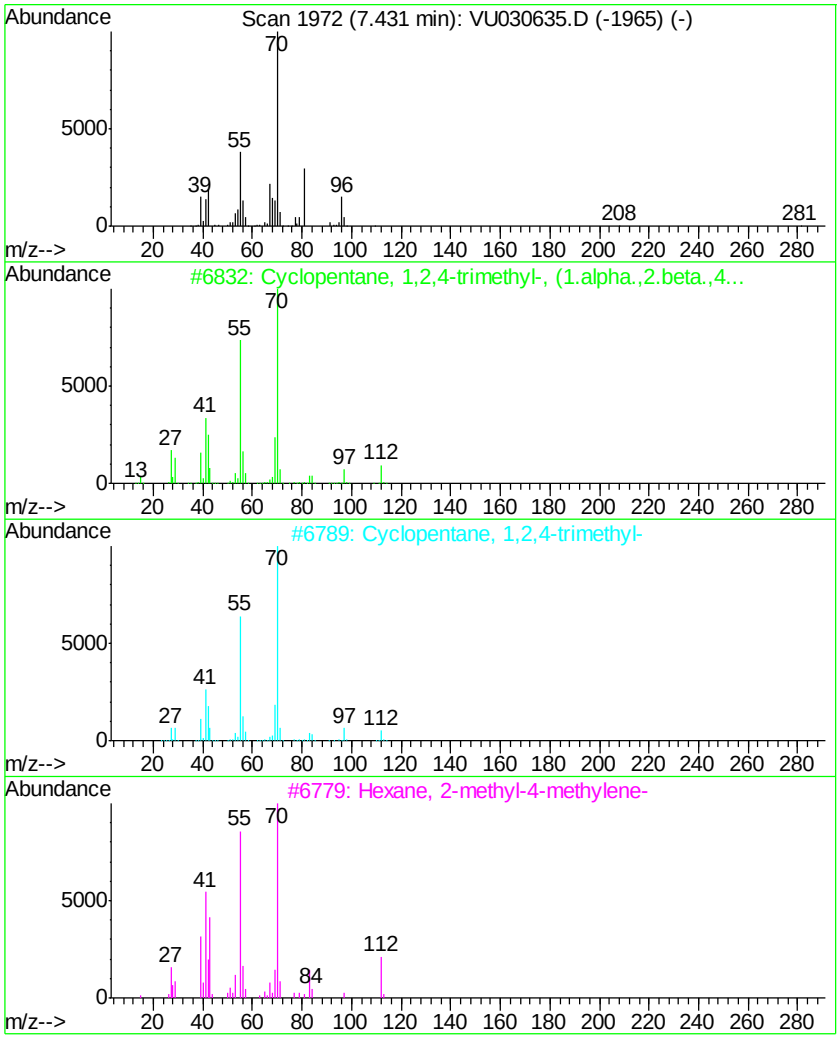
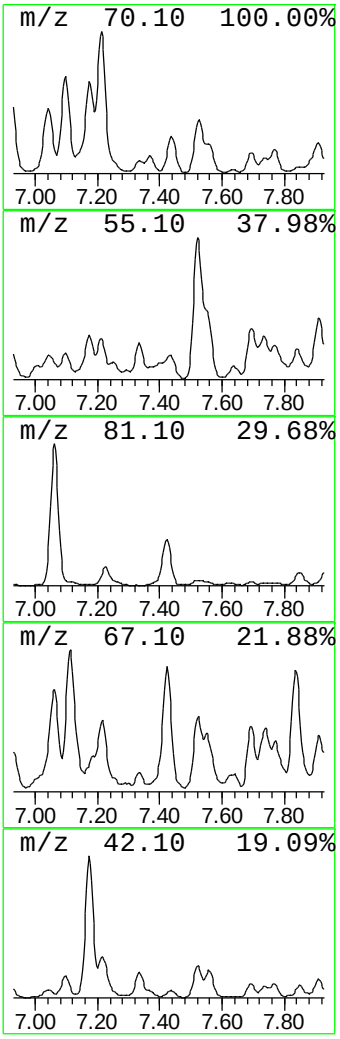
Peak Number 27 (DEL) Alkane: Cyclic7.43 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	17.97 ug/L	866355	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	38
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	38
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	38
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	38
5	2,6-Cyclooctadien-1-ol	124	C8H12O	010017-18-2	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

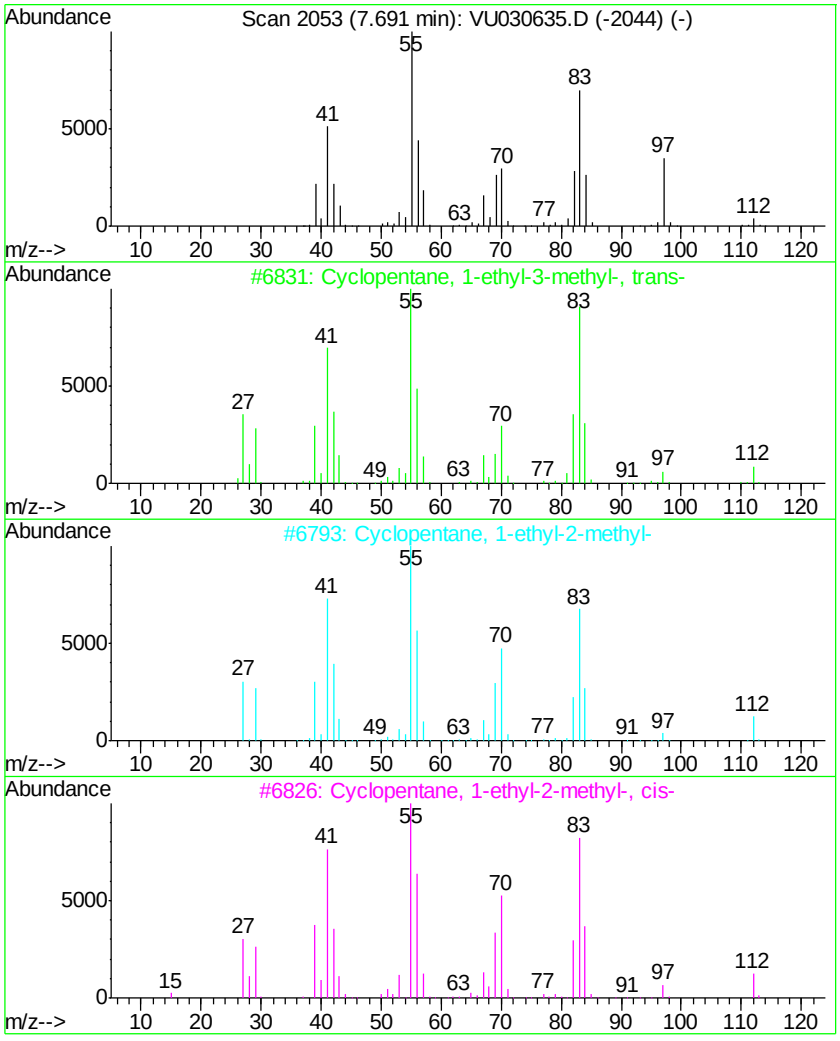
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

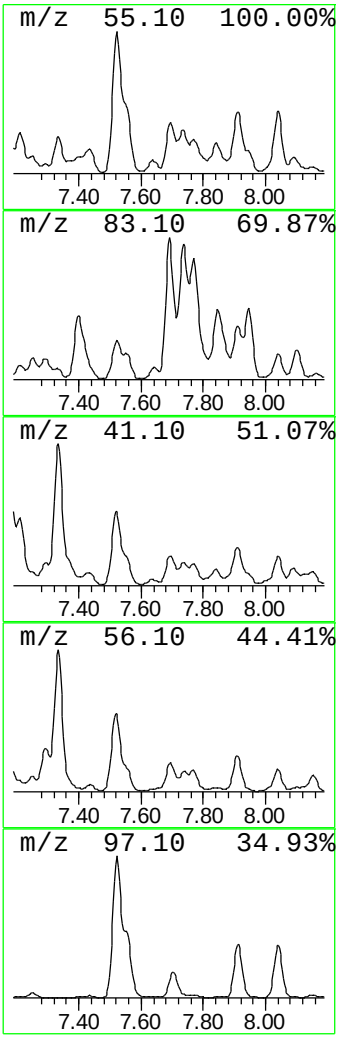
****

Peak Number 28 (DEL) Alkane: Cyclic7.69 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	19.70 ug/L	1097950	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	64
2	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	53
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53
4	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	52
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

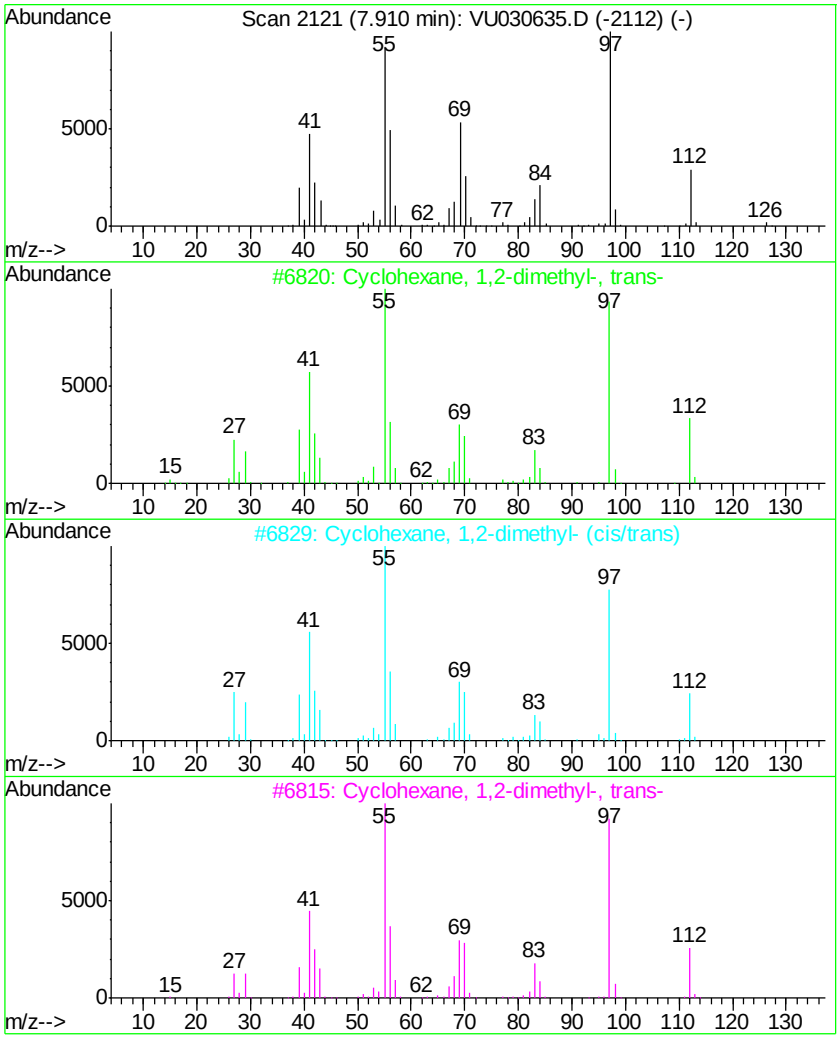
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

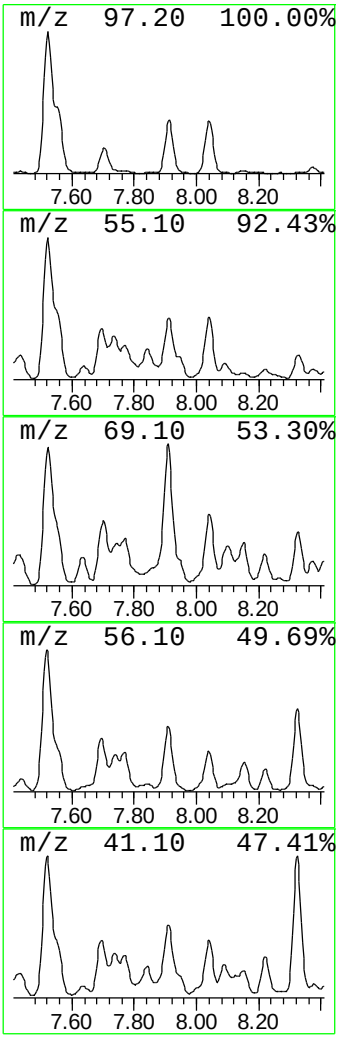
****

Peak Number 29 (DEL) Alkane: Cyclic7.91 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	33.14 ug/L	1846560	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

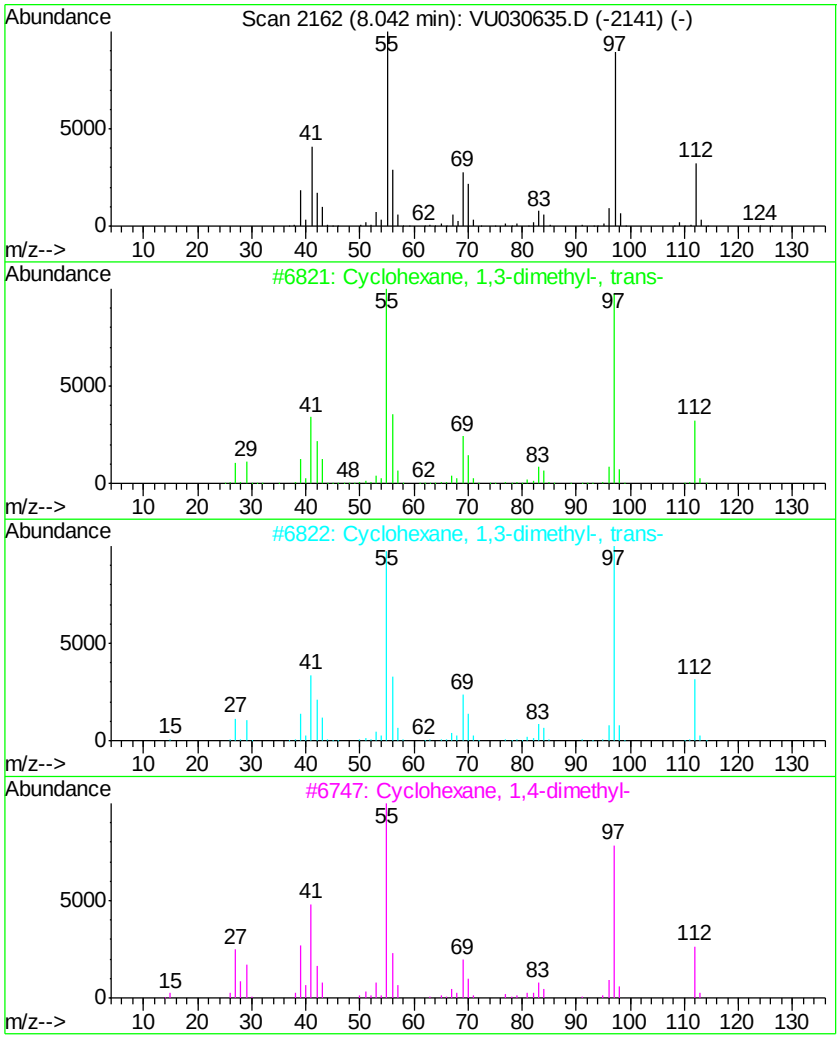
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

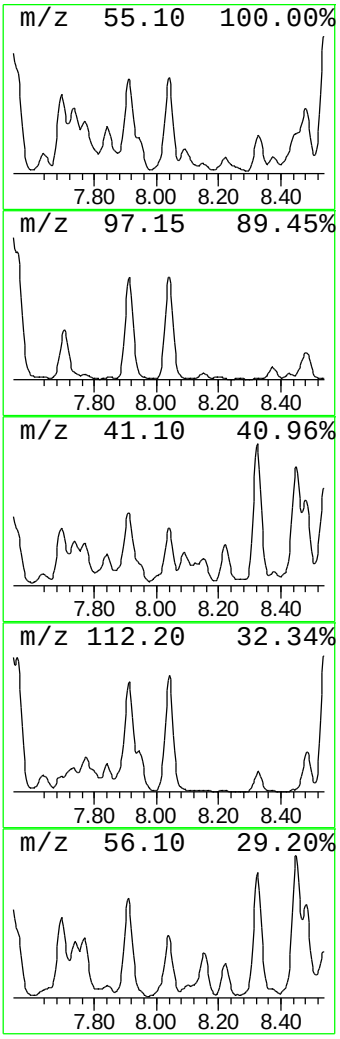
****

Peak Number 30 (DEL) Alkane: Cyclic8.04 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	23.25 ug/L	1295310	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

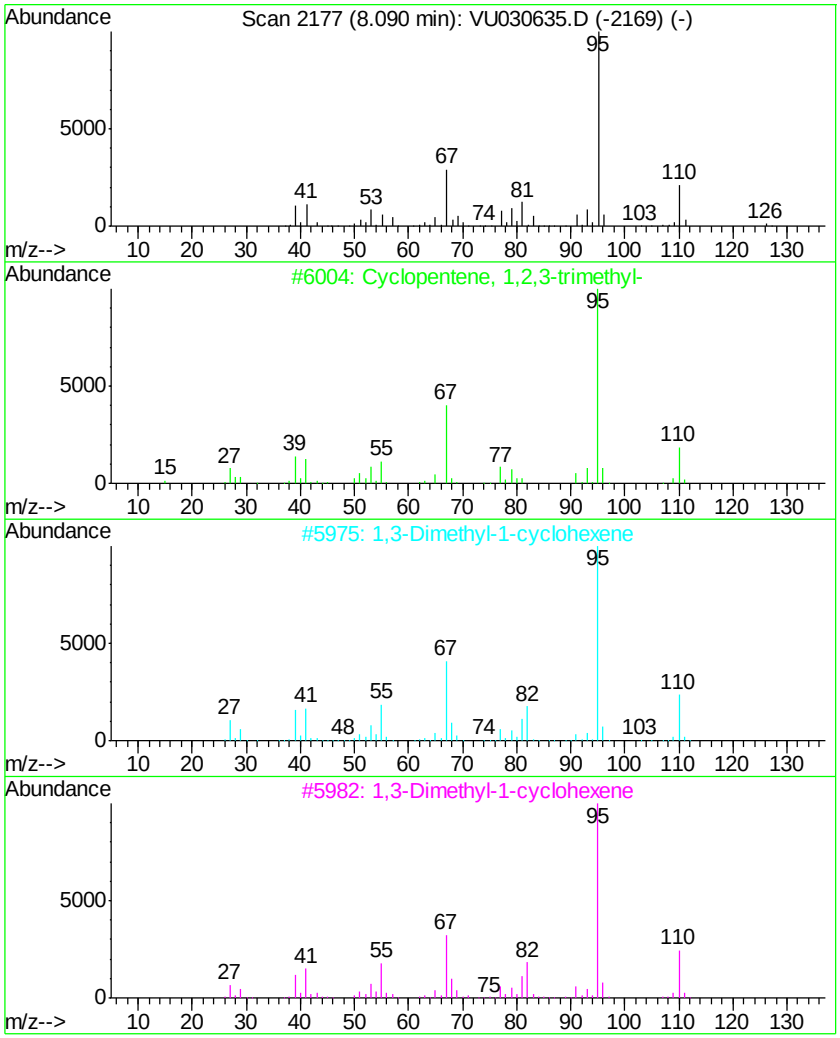
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

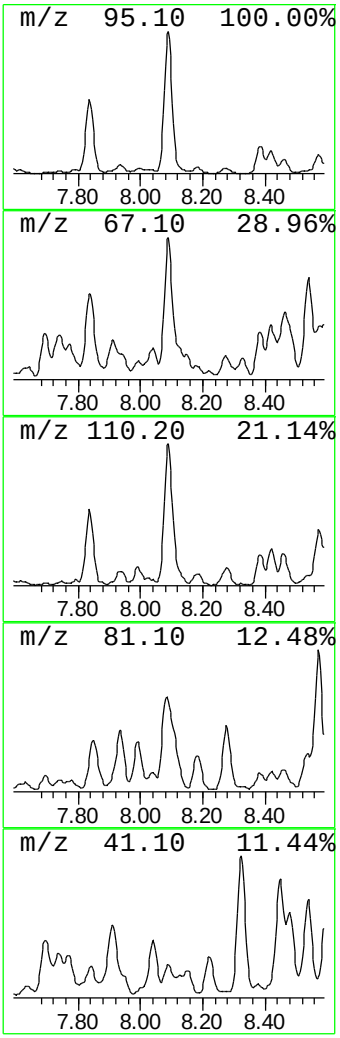
****

Peak Number 31 (DEL) Alkane: Cyclic8.09 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	13.17 ug/L	733903	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	64
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

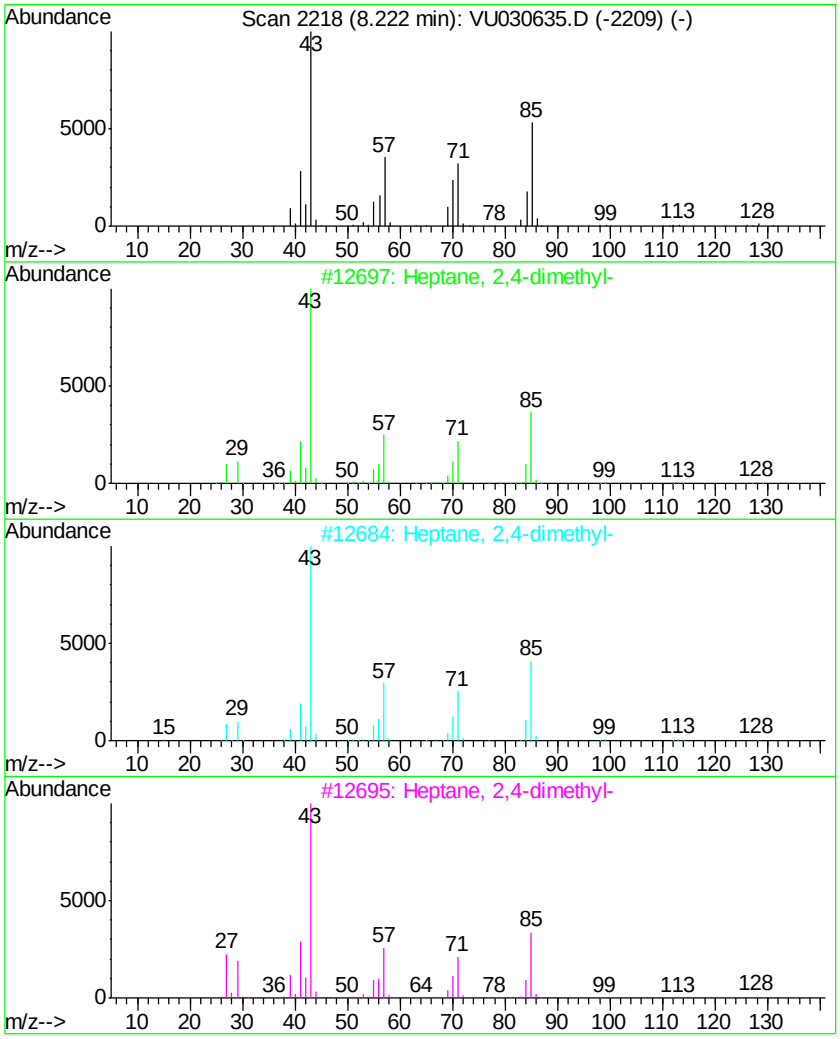
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

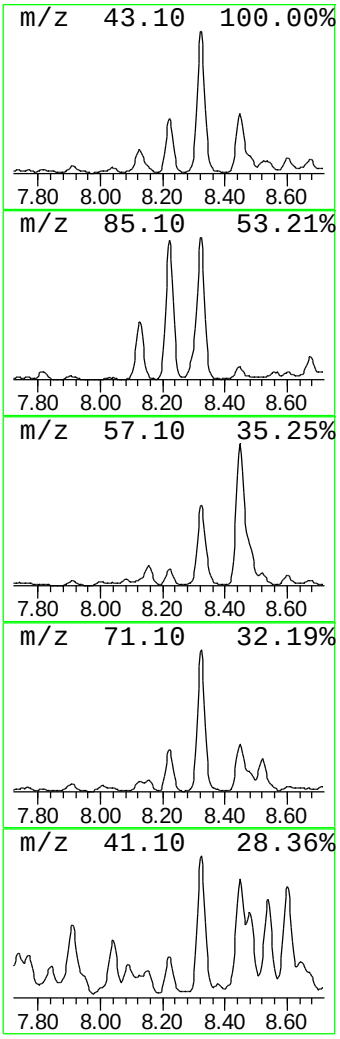
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	12.91 ug/L	719278	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
4	Octane	114	C8H18	000111-65-9	72
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

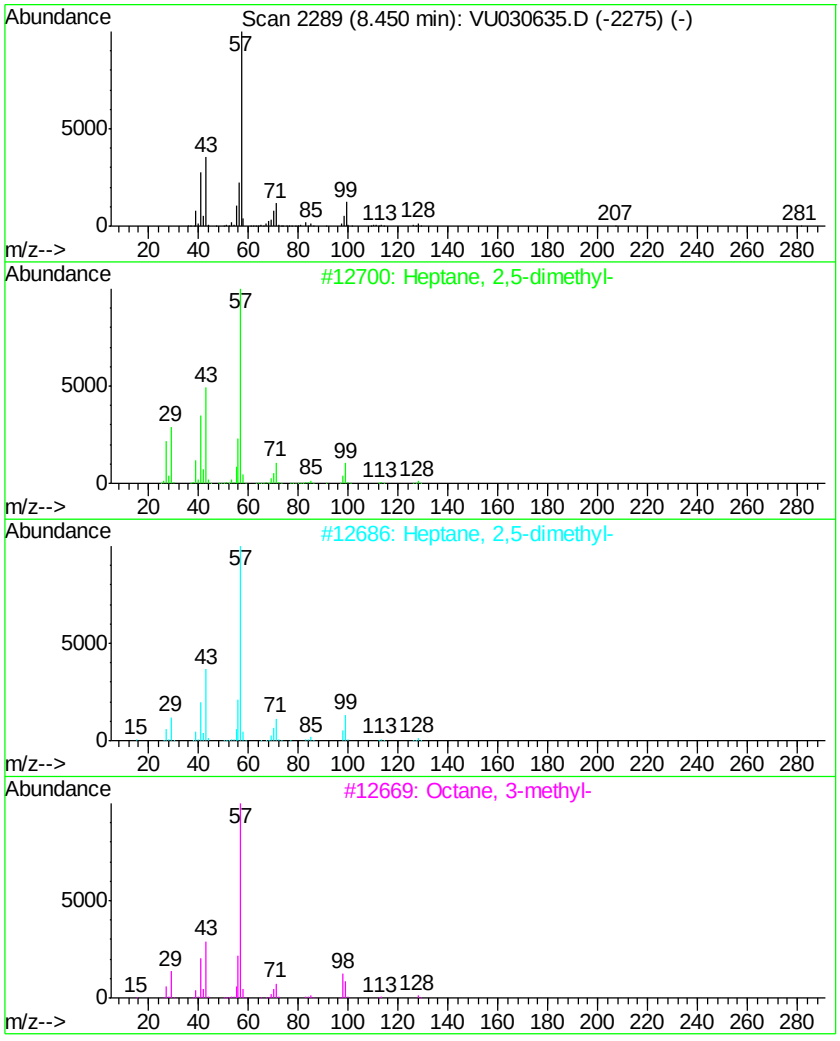
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

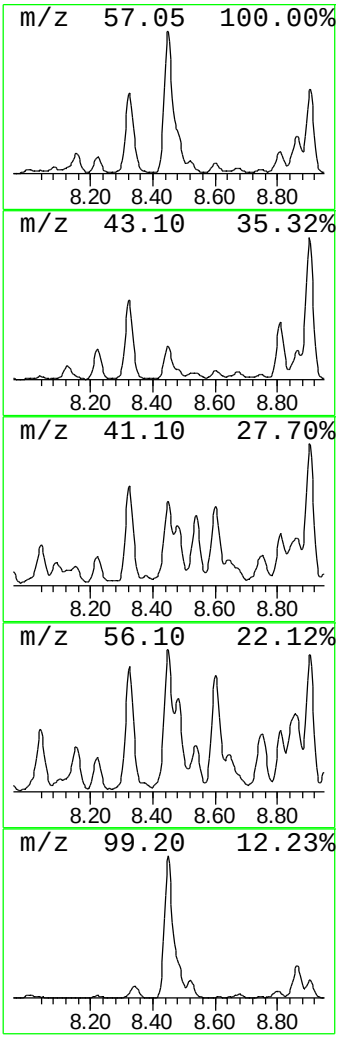
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	39.00 ug/L	2172880	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Octane, 3-methyl-	128	C9H20	002216-33-3	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

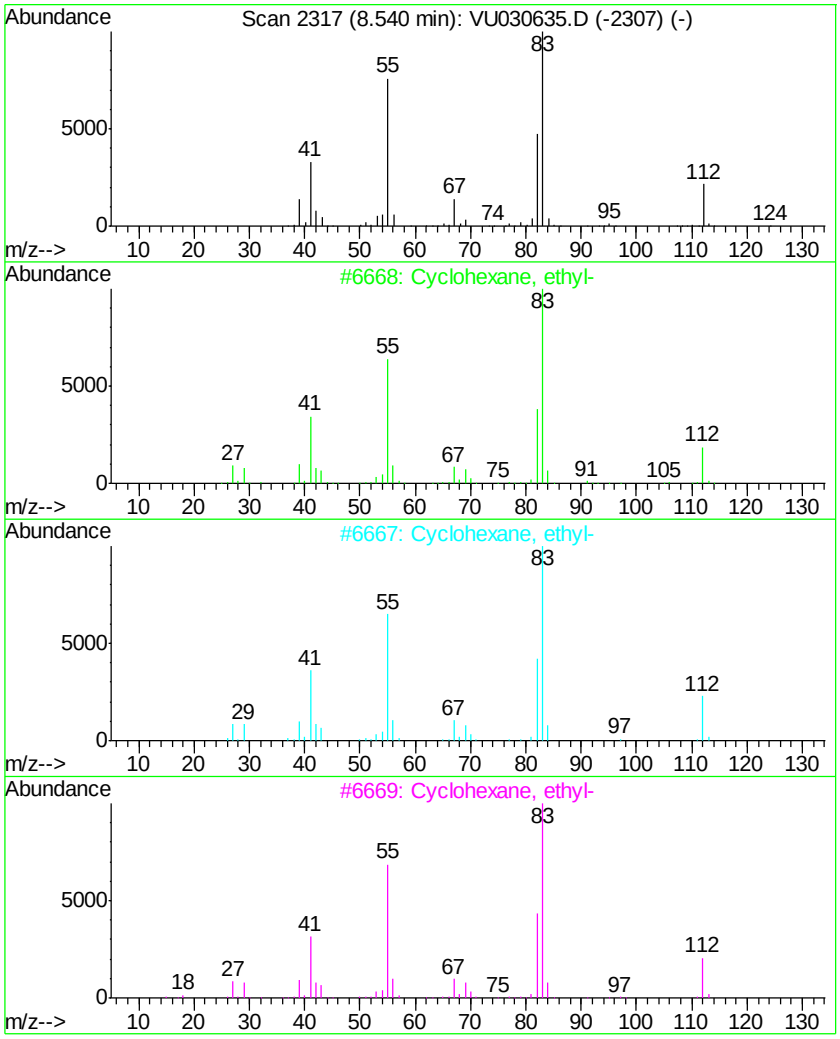
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

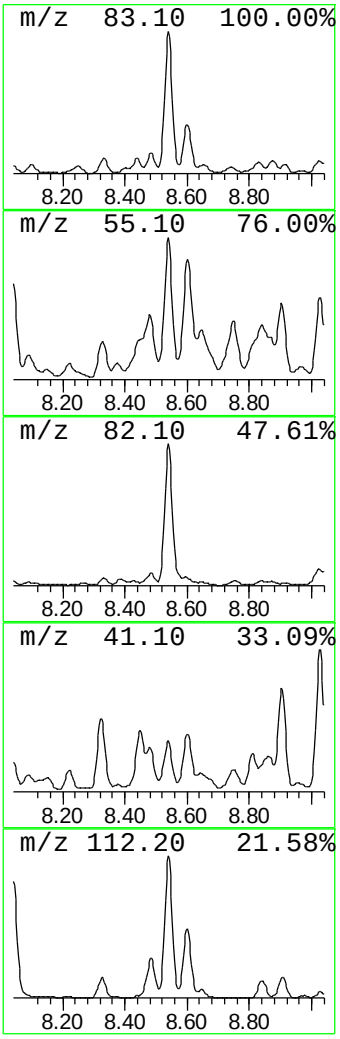
****

Peak Number 34 (DEL) Alkane: Cyclic8.54 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	24.33 ug/L	1355950	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
5	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

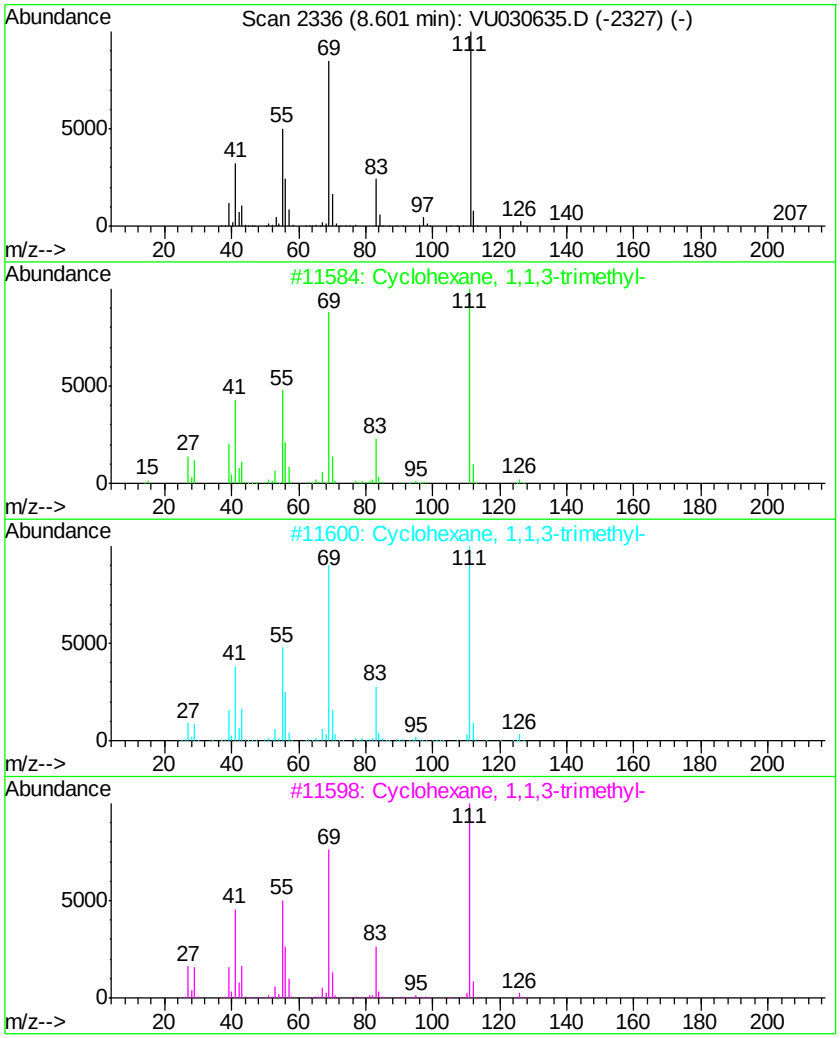
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

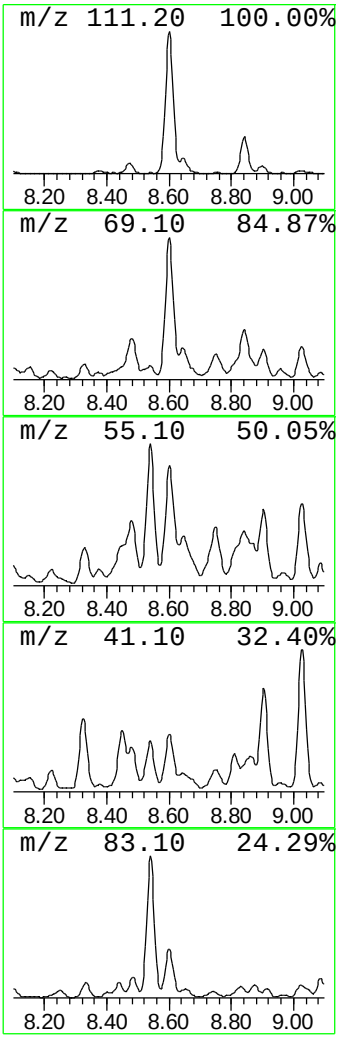
****

Peak Number 35 (DEL) Alkane: Cyclic8.60 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	33.42 ug/L	1862180	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

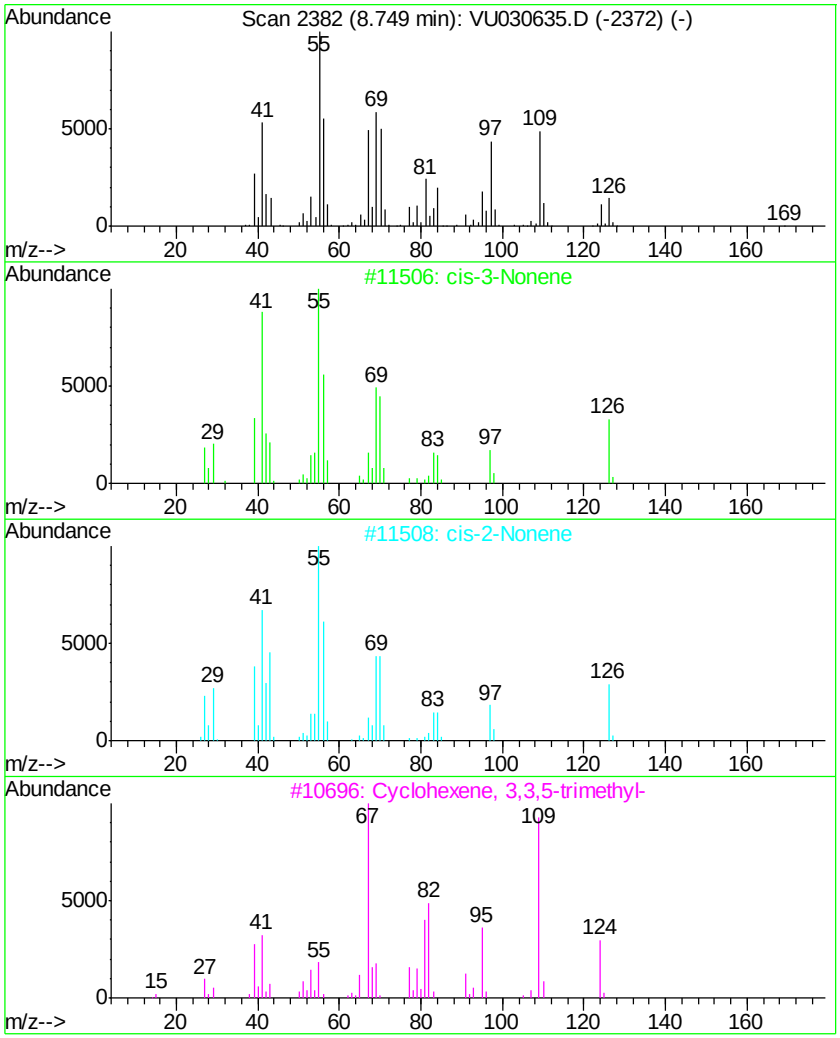
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

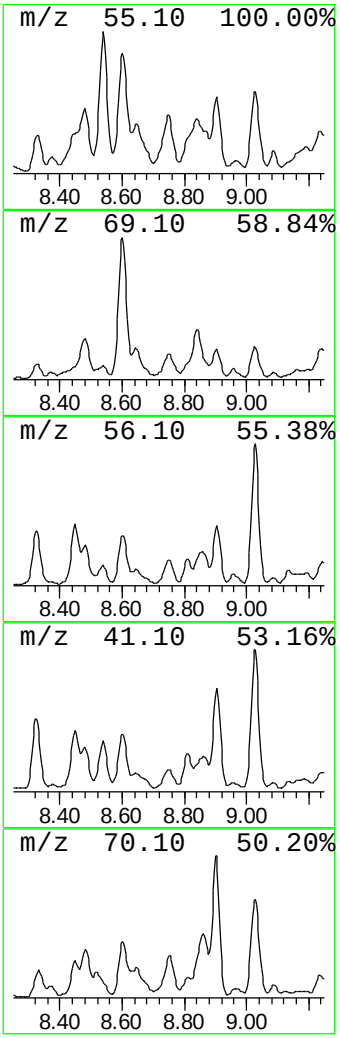
****

Peak Number 36 (DEL) Alkane: Cyclic8.75 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	15.94 ug/L	888430	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Nonene	126	C9H18	020237-46-1	46
2	cis-2-Nonene	126	C9H18	006434-77-1	43
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	42
4	3-Nonene, (E)-	126	C9H18	020063-92-7	41
5	cis-2-Nonene	126	C9H18	006434-77-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

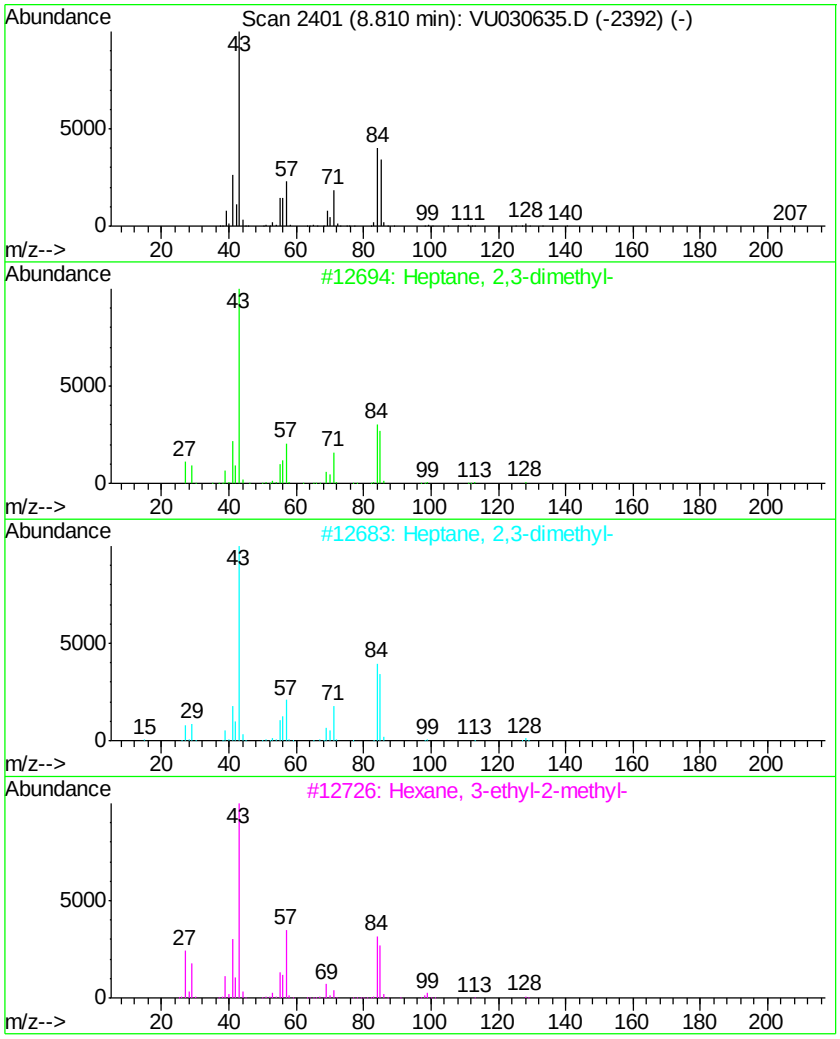
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

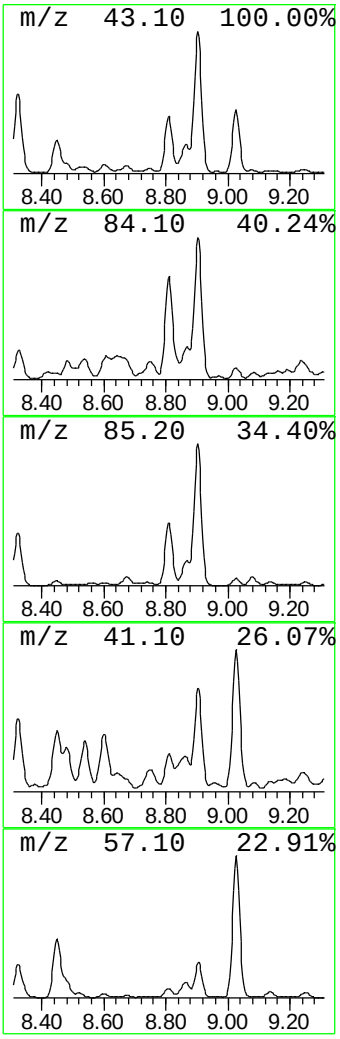
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	22.27 ug/L	1240940	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
3	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	86
4	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	78
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

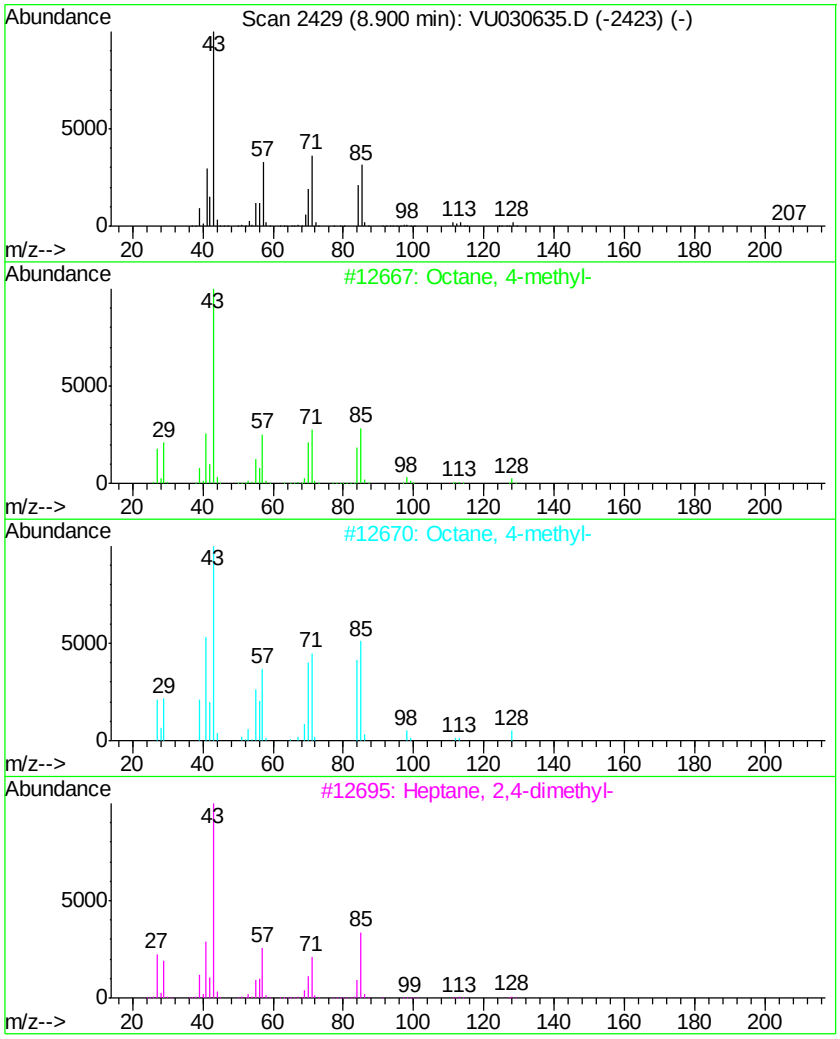
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

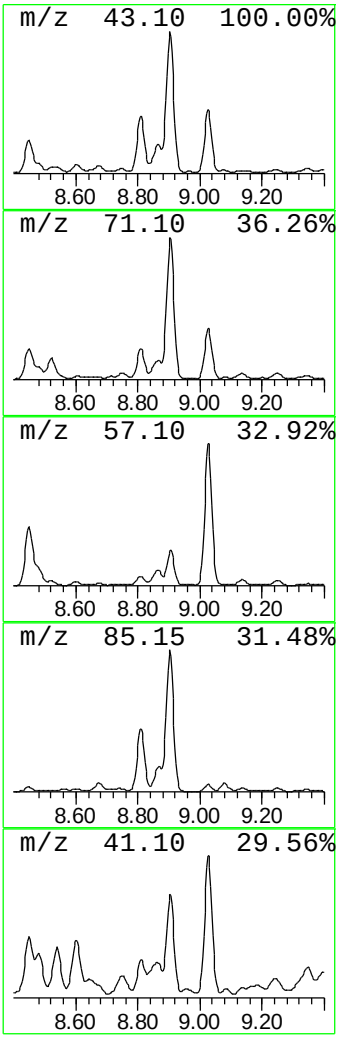
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	66.49 ug/L	3704980	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	90
2	Octane, 4-methyl-	128	C9H20	002216-34-4	80
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

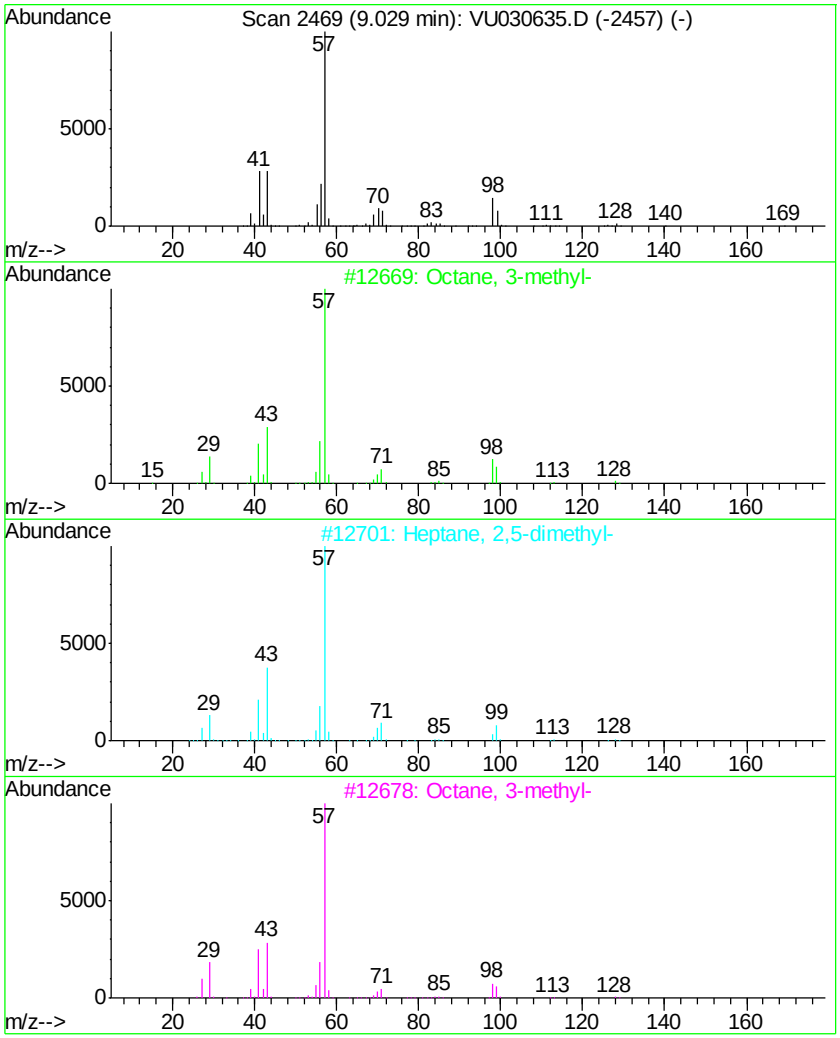
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

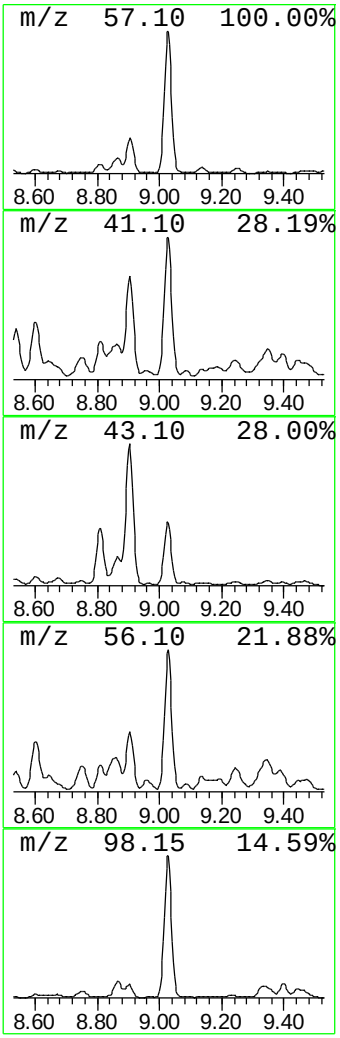
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	77.54 ug/L	4320850	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
5	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	59





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

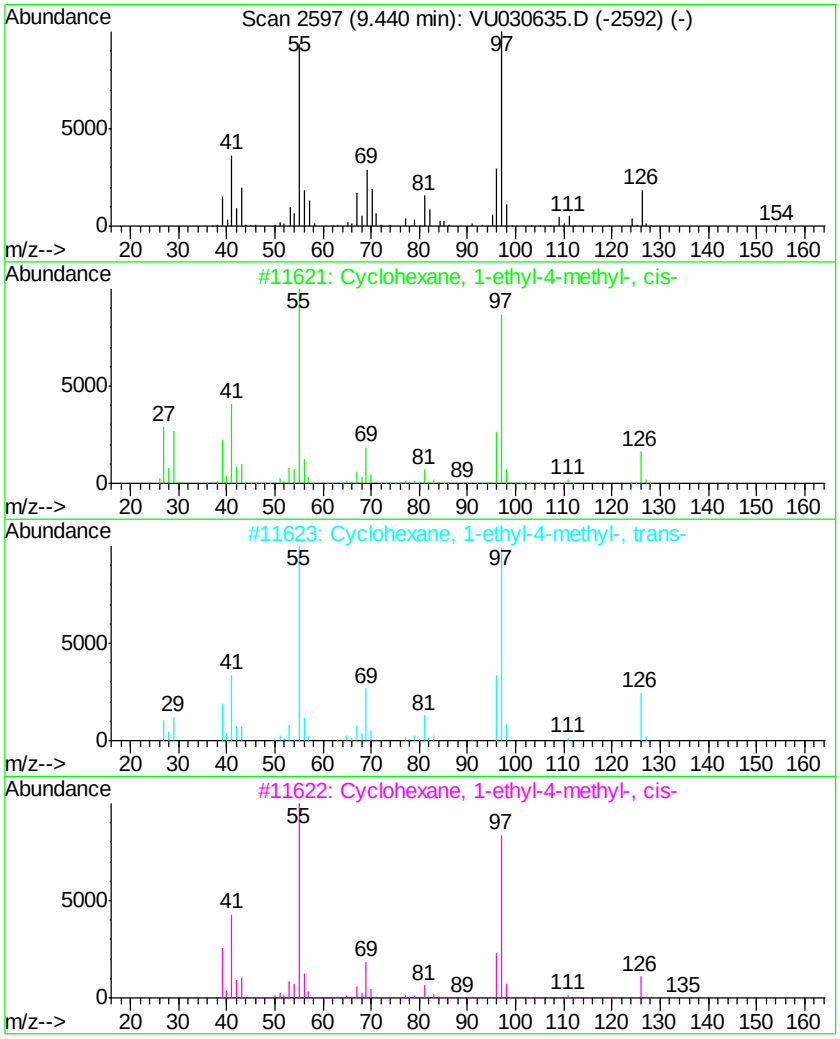
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

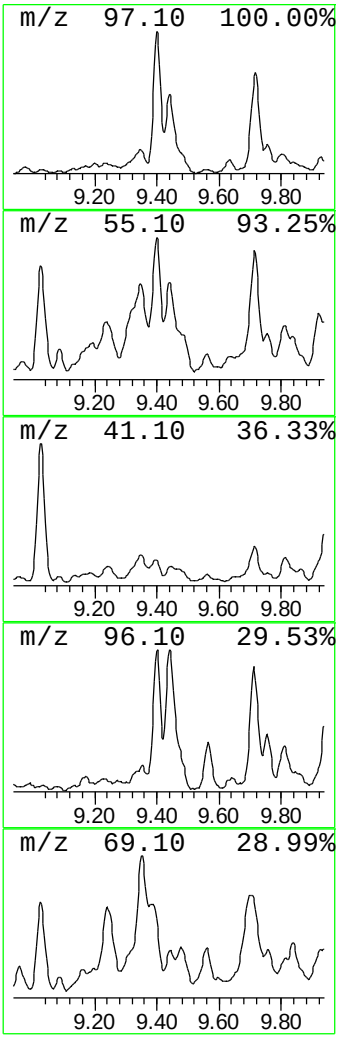
****

Peak Number 40 (DEL) Alkane: Cyclic9.44 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	21.96 ug/L	1223520	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
4	cis-1-Ethyl-3-methylcyclohexane	126	C9H18	019489-10-2	59
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

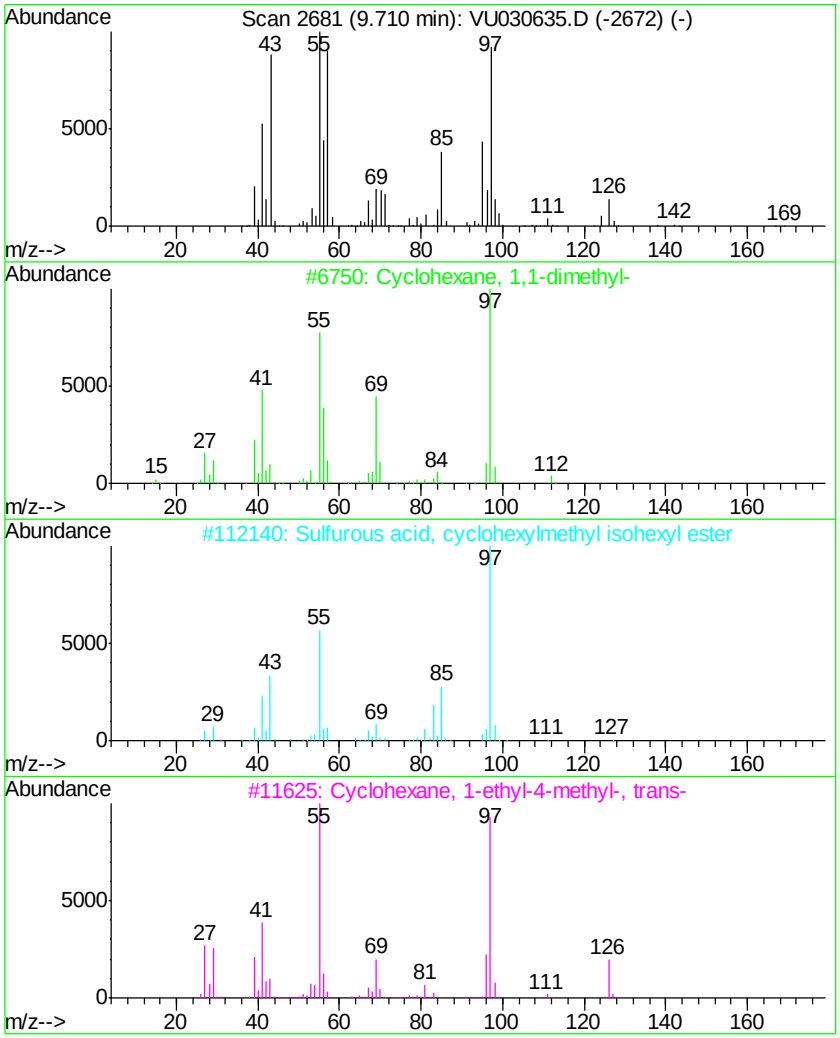
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

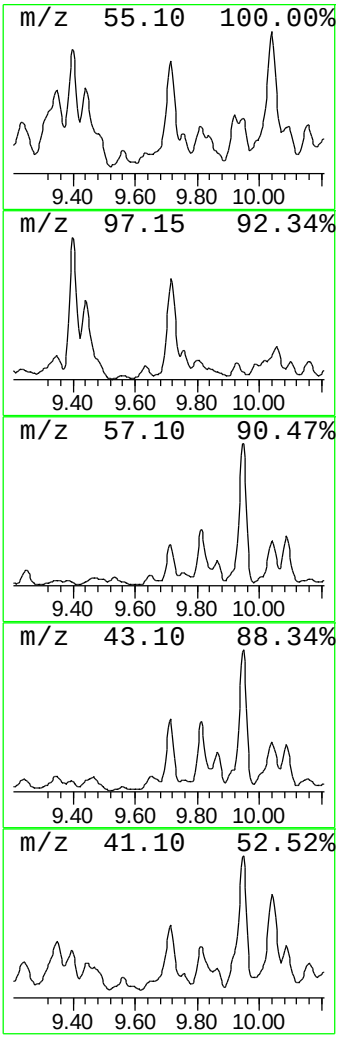
****

Peak Number 41 (DEL) Alkane: Cyclic9.71 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	24.04 ug/L	1339550	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	47
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	45
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

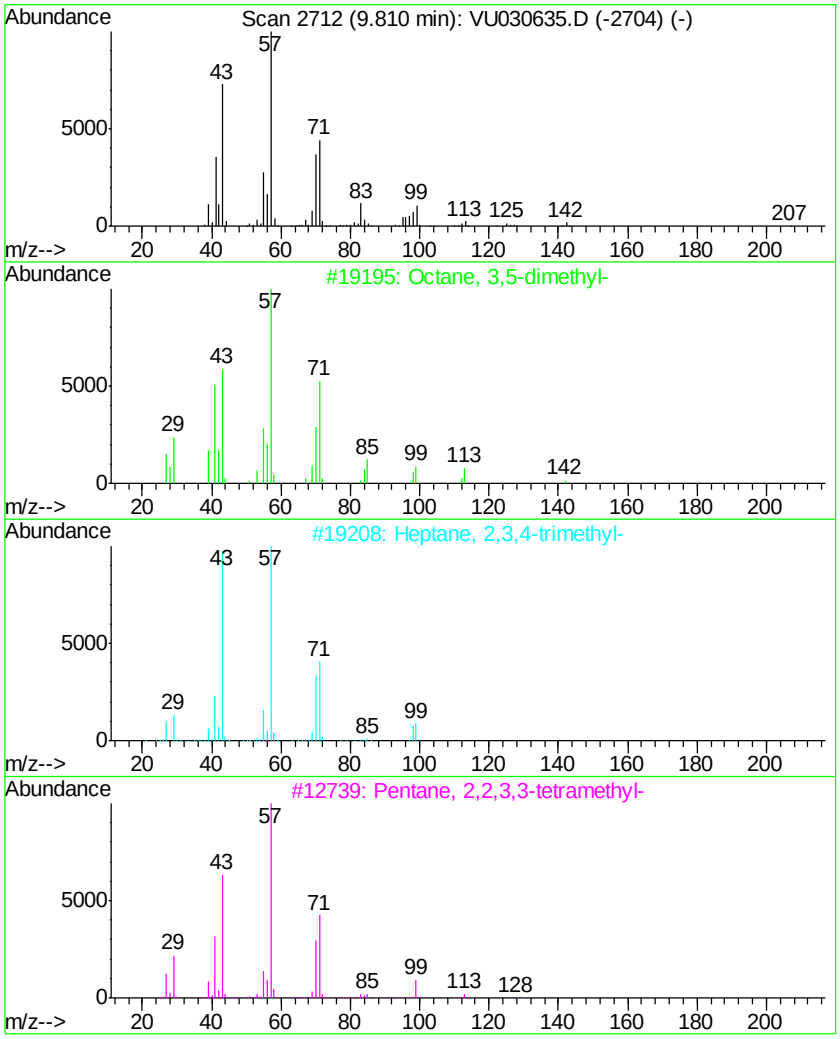
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

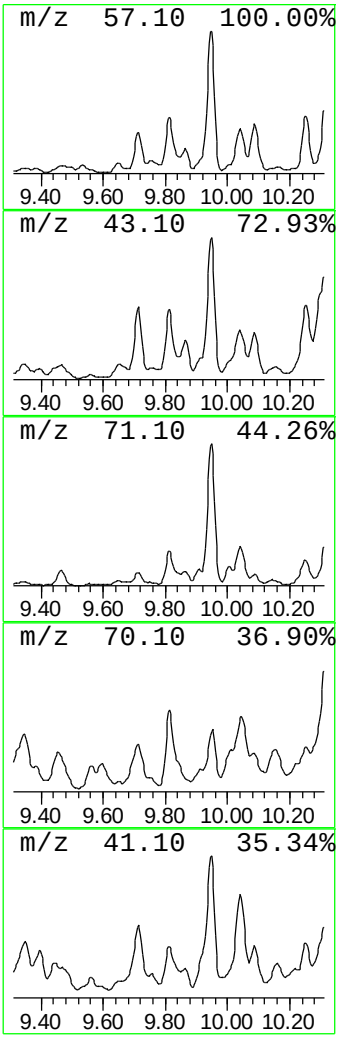
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	19.39 ug/L	1080450	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

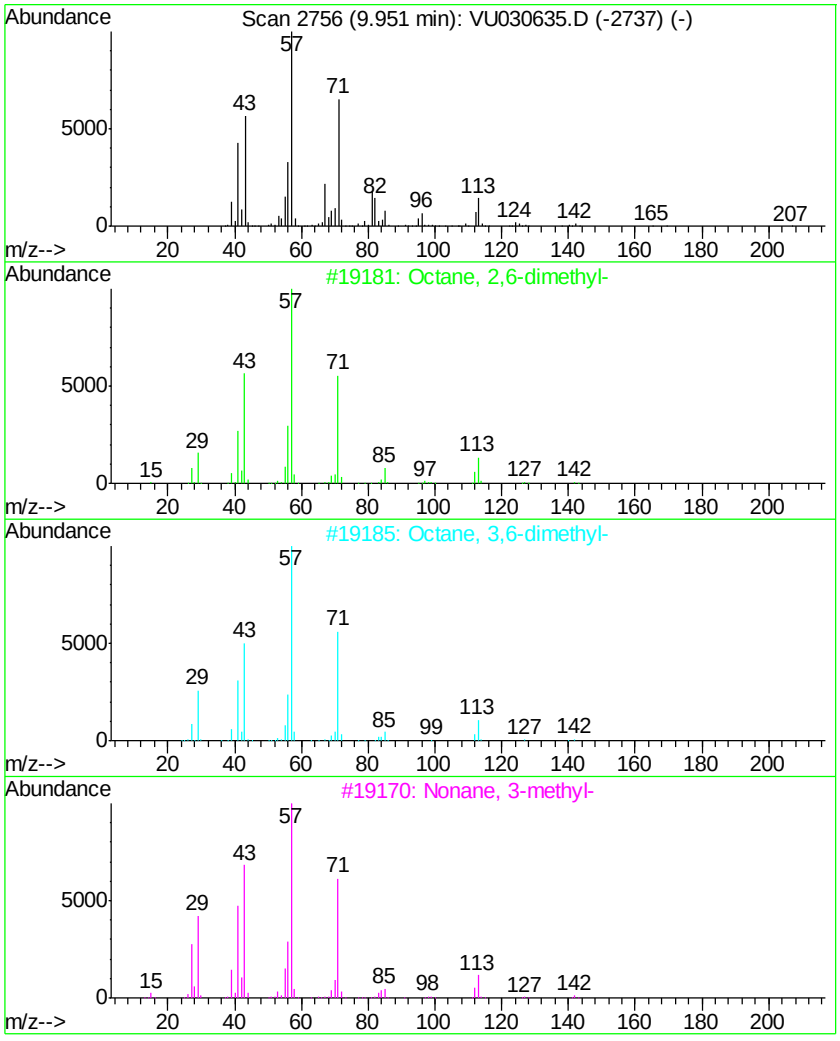
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

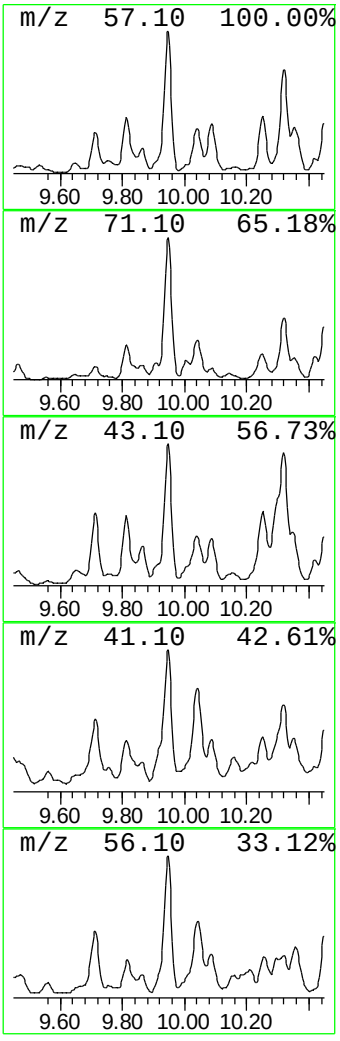
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	59.85 ug/L	3334970	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	93
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

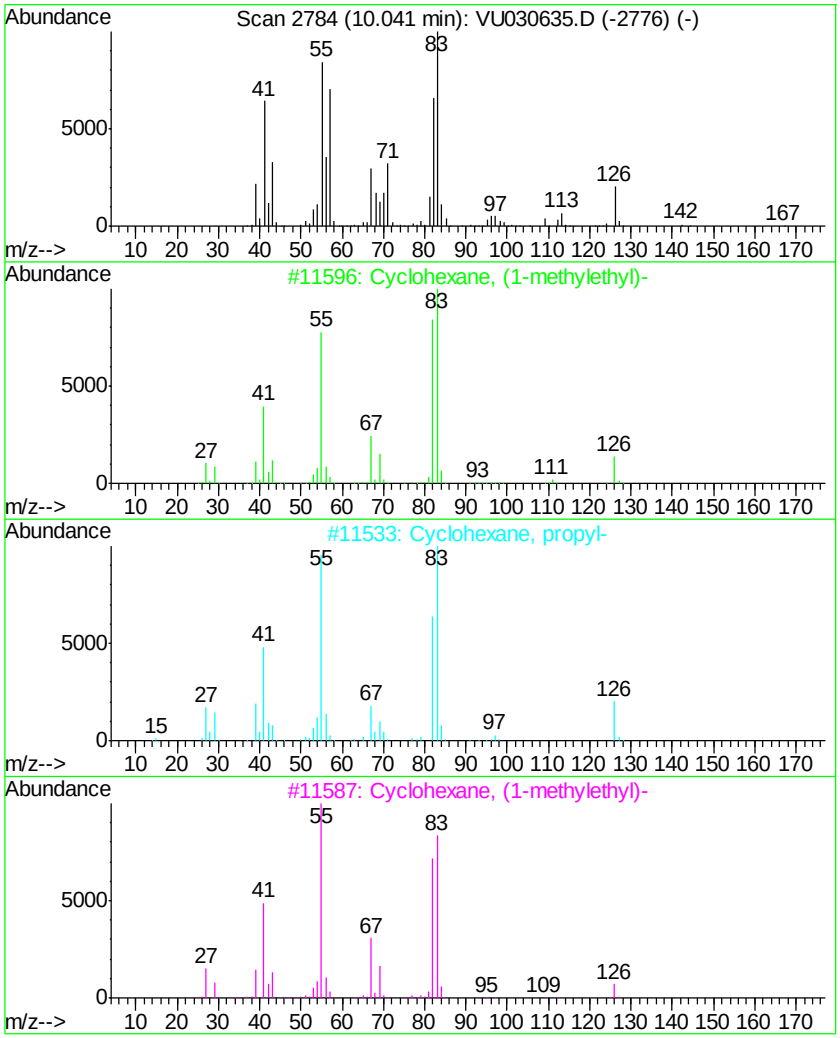
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

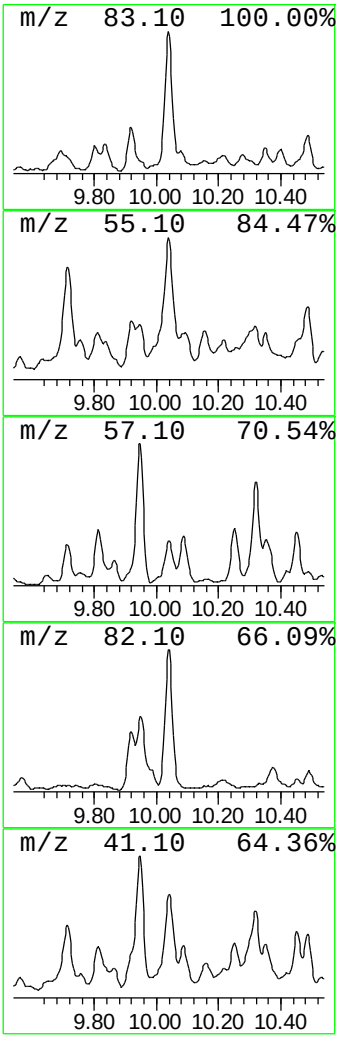
****

Peak Number 44 (DEL) Alkane: Cyclic10.04 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	23.97 ug/L	1335430	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

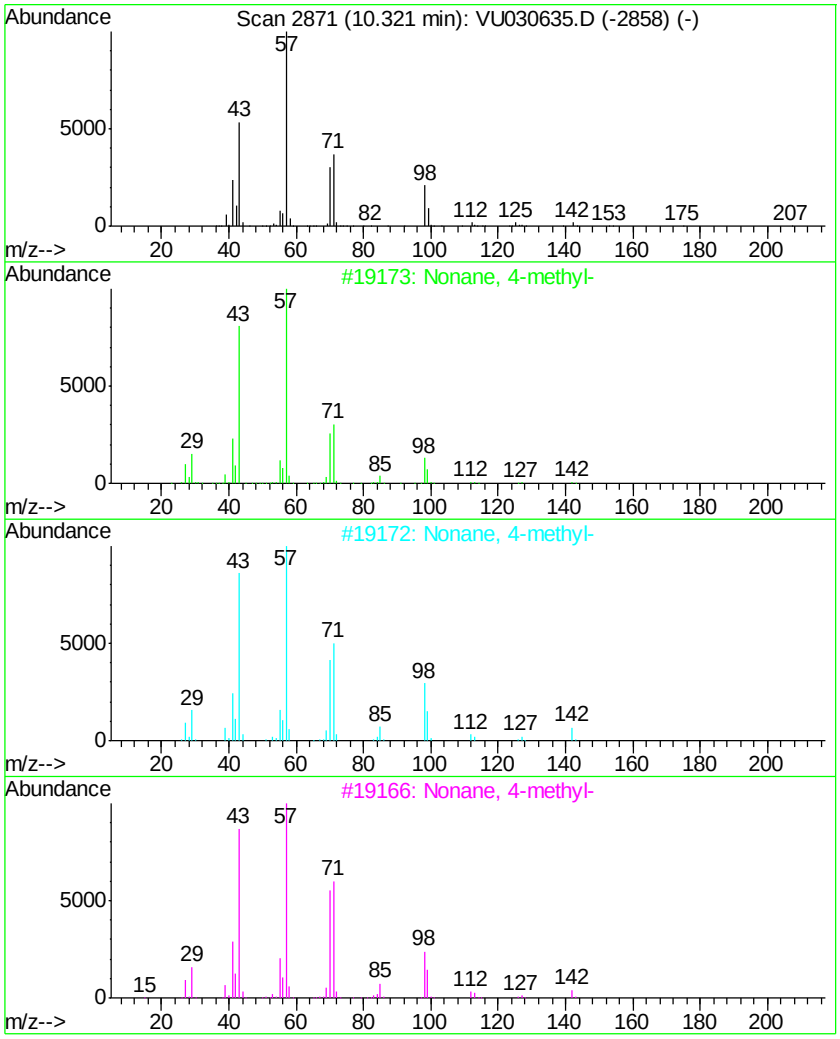
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

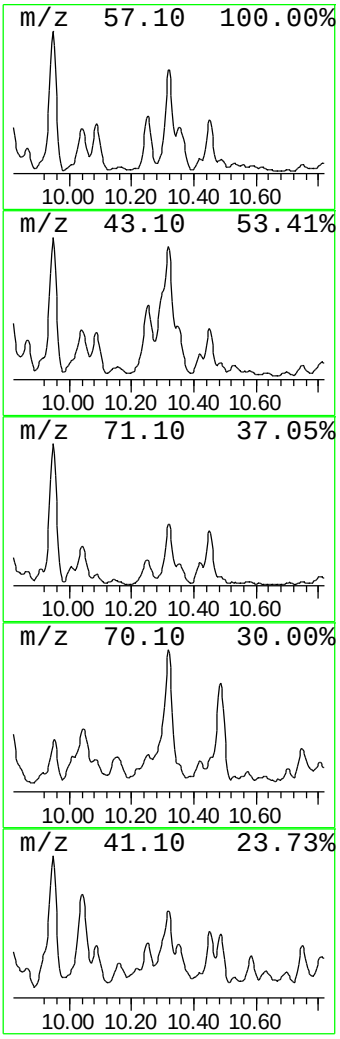
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	20.26 ug/L	1284590	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50





Library Search Compound Report

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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

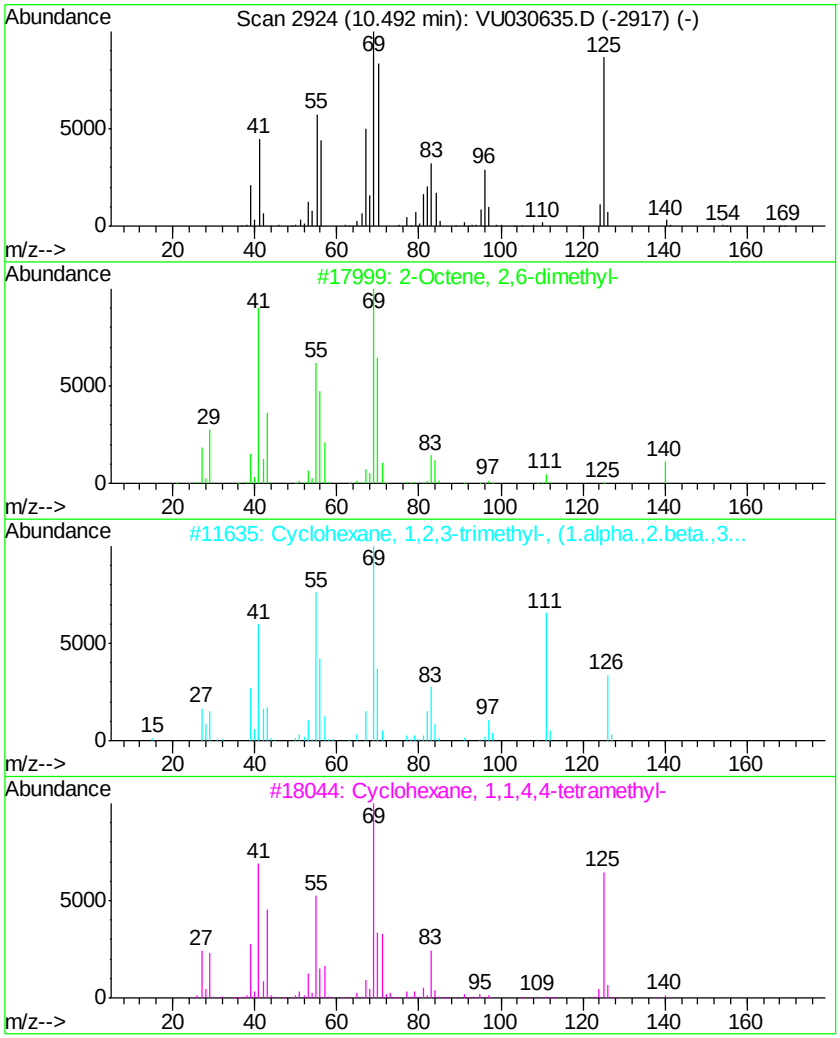
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

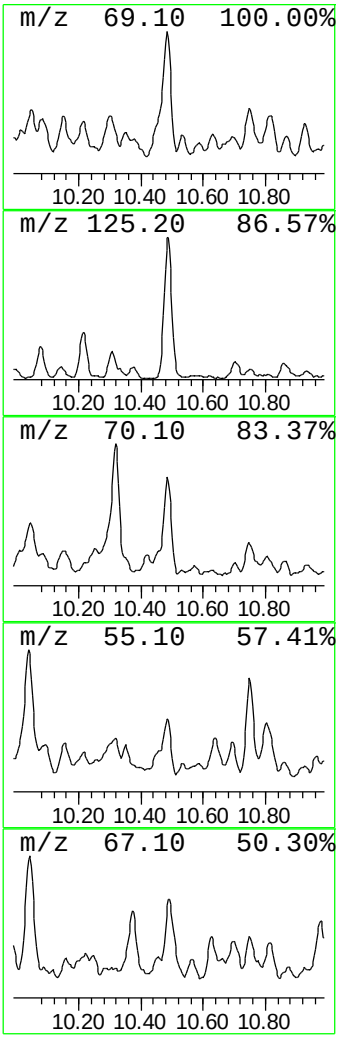
****

Peak Number 46 (DEL) Alkane: Cyclic10.49 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	14.86 ug/L	942578	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	50
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	50
4	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	47
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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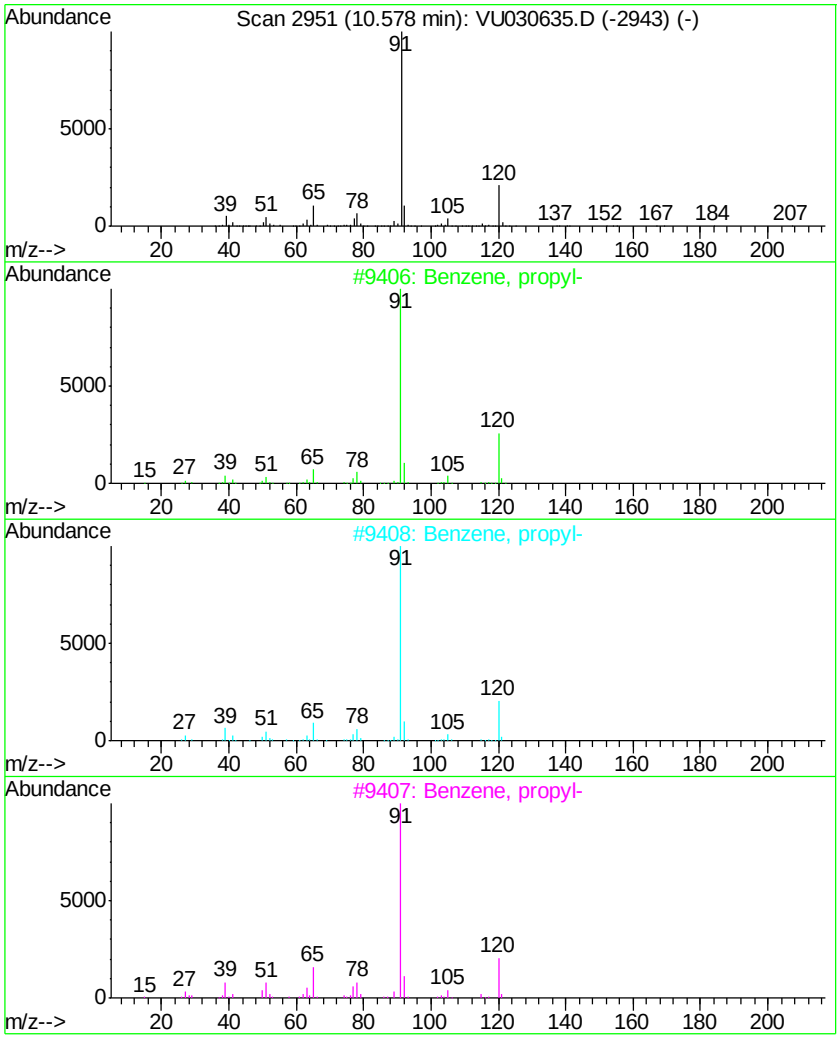
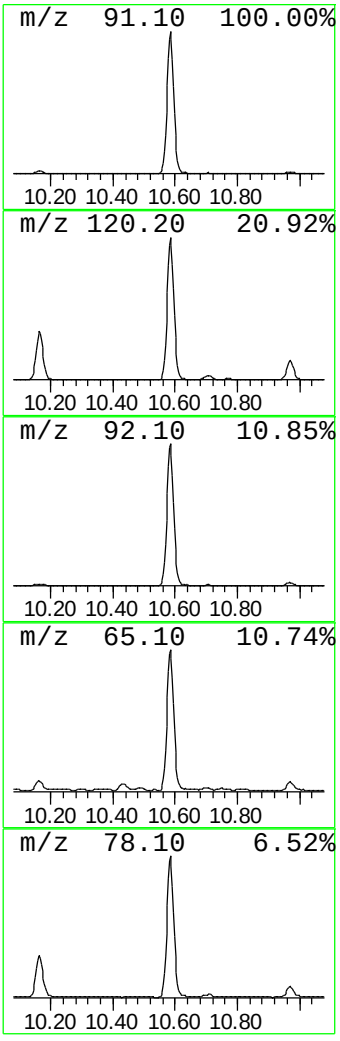
Peak Number 47 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	63.55 ug/L	4029960	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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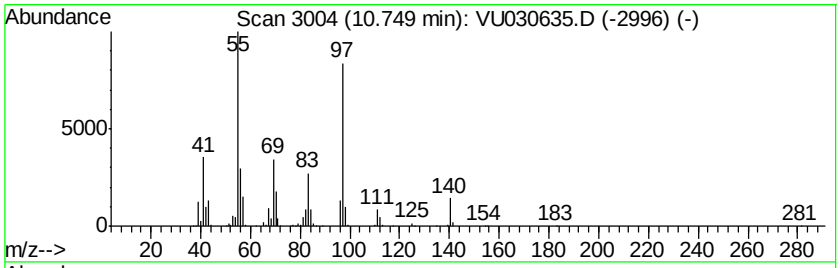
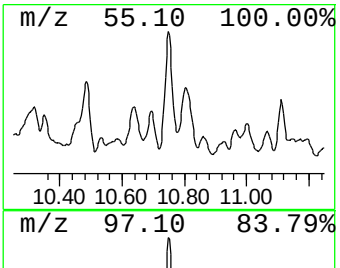
Peak Number 48 (DEL) Alkane: Cyclic10.75 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	13.59 ug/L	861841	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	74
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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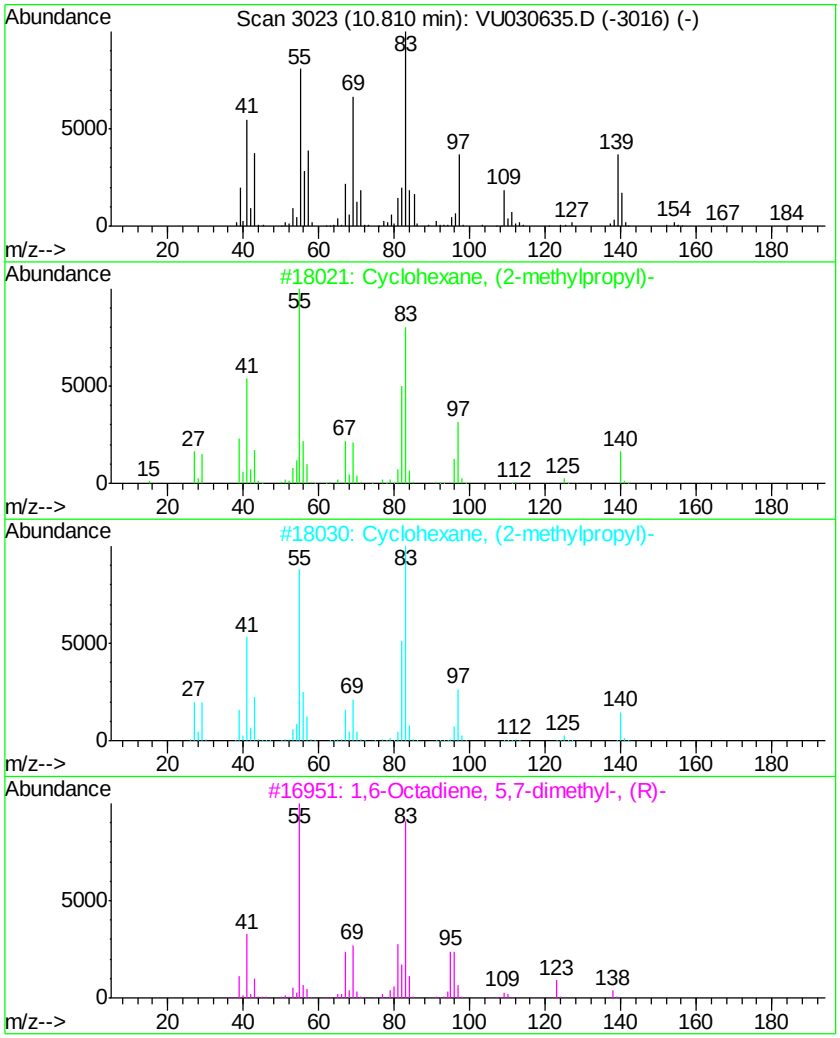
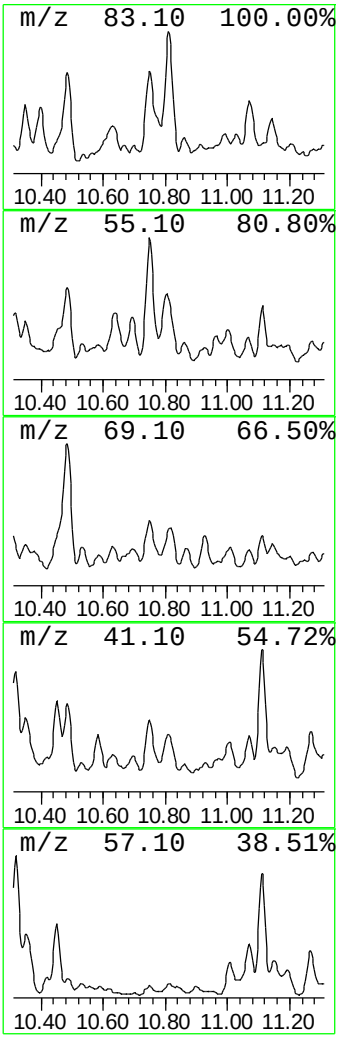
Peak Number 49 (DEL) Alkane: Cyclic10.81 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	10.18 ug/L	645862	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
3	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	49
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	47
5	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

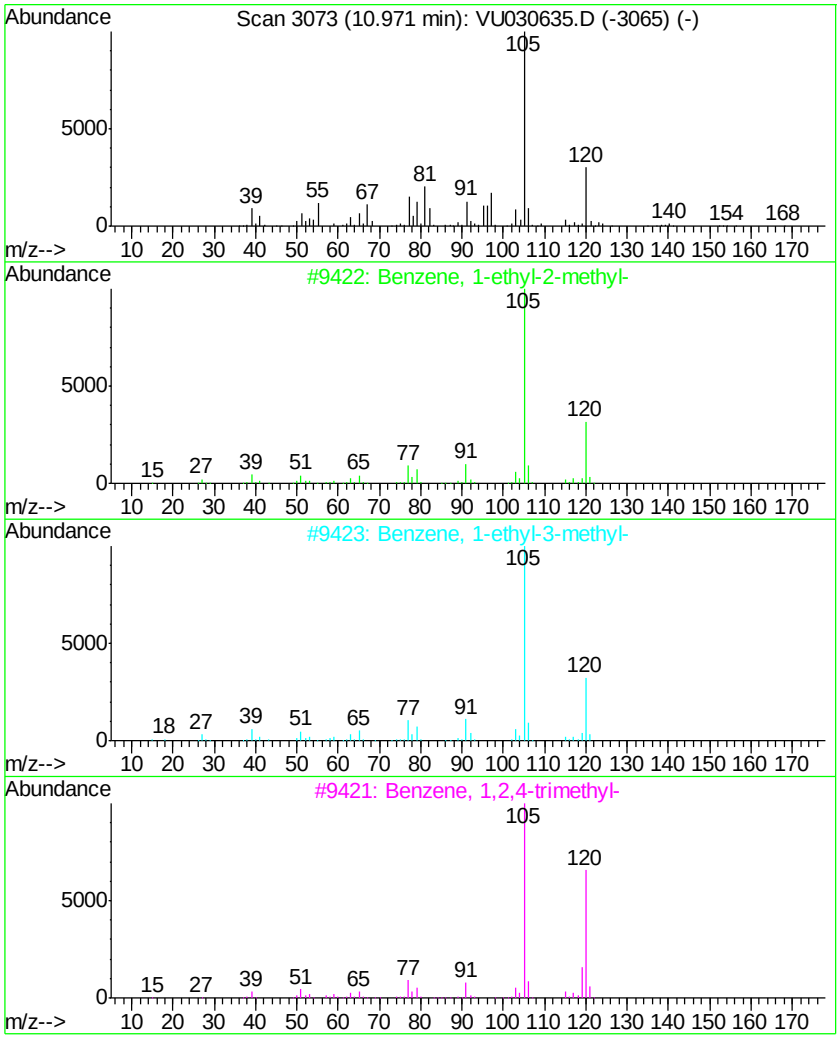
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

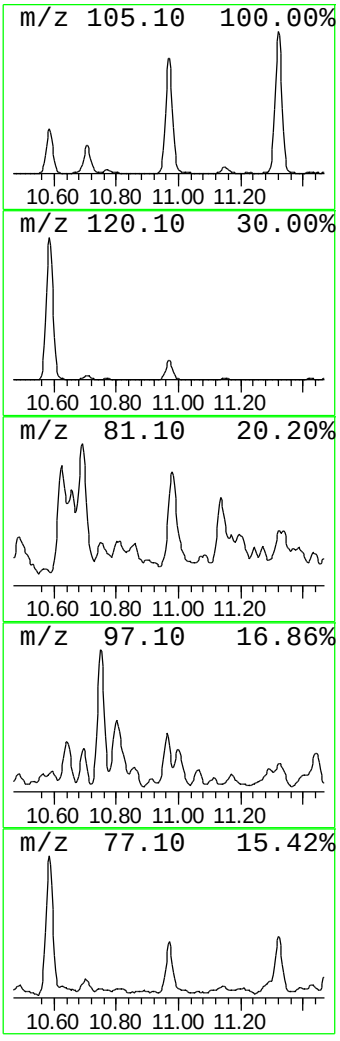
****

Peak Number 50 Benzene, 1-ethyl-2-methyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	11.40 ug/L	722809	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	92
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

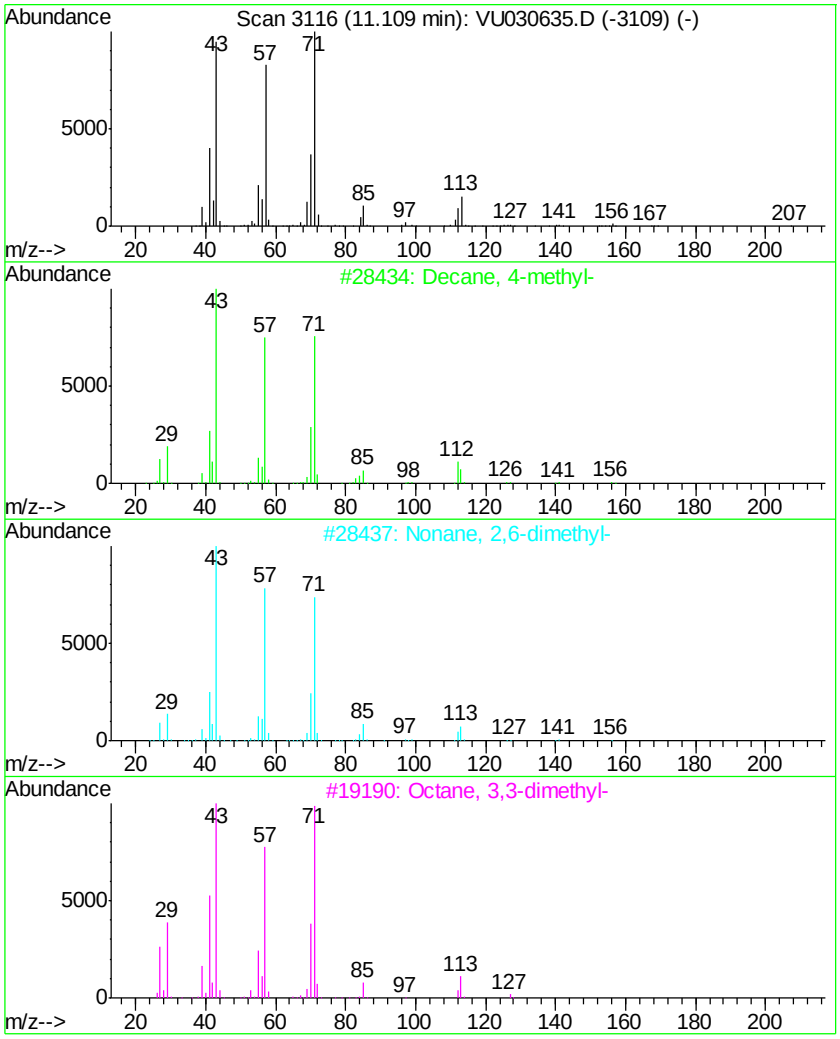
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

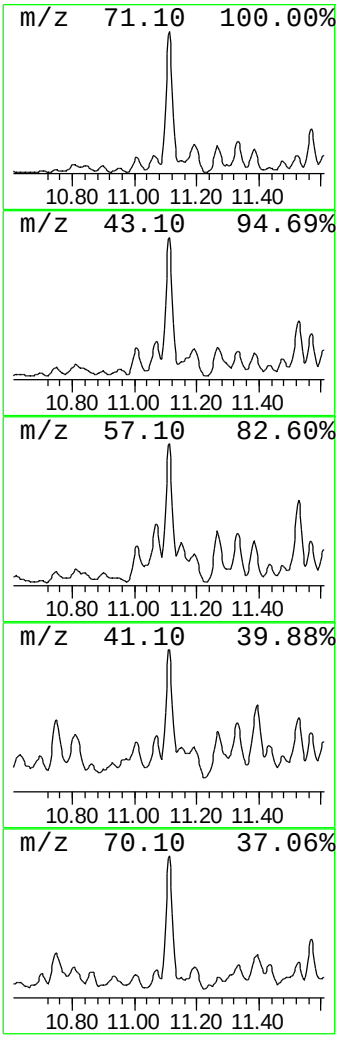
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	24.36 ug/L	1545120	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

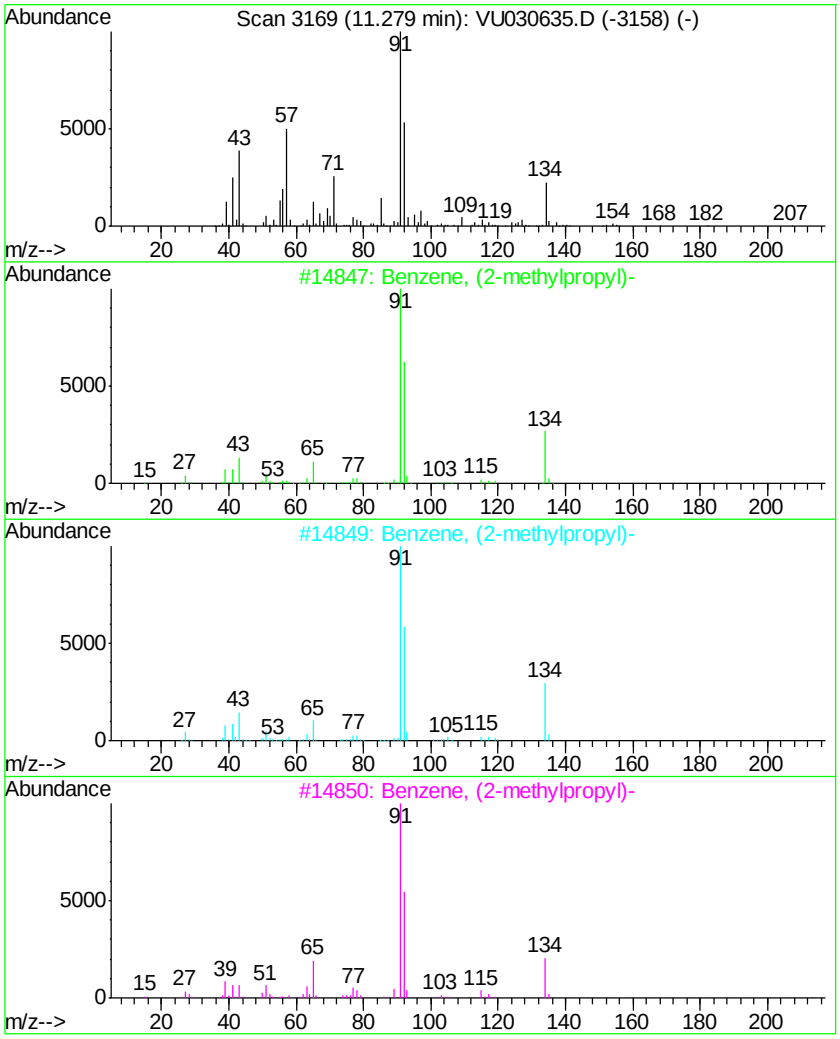
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

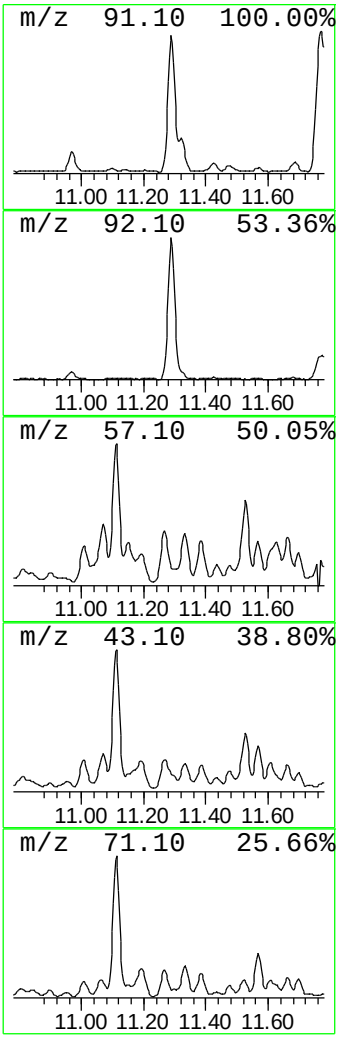
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, (2-methylpropyl)- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	15.96 ug/L	1012380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	70
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	62
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58
4	Benzene, butyl-	134	C10H14	000104-51-8	58
5	Benzene, butyl-	134	C10H14	000104-51-8	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

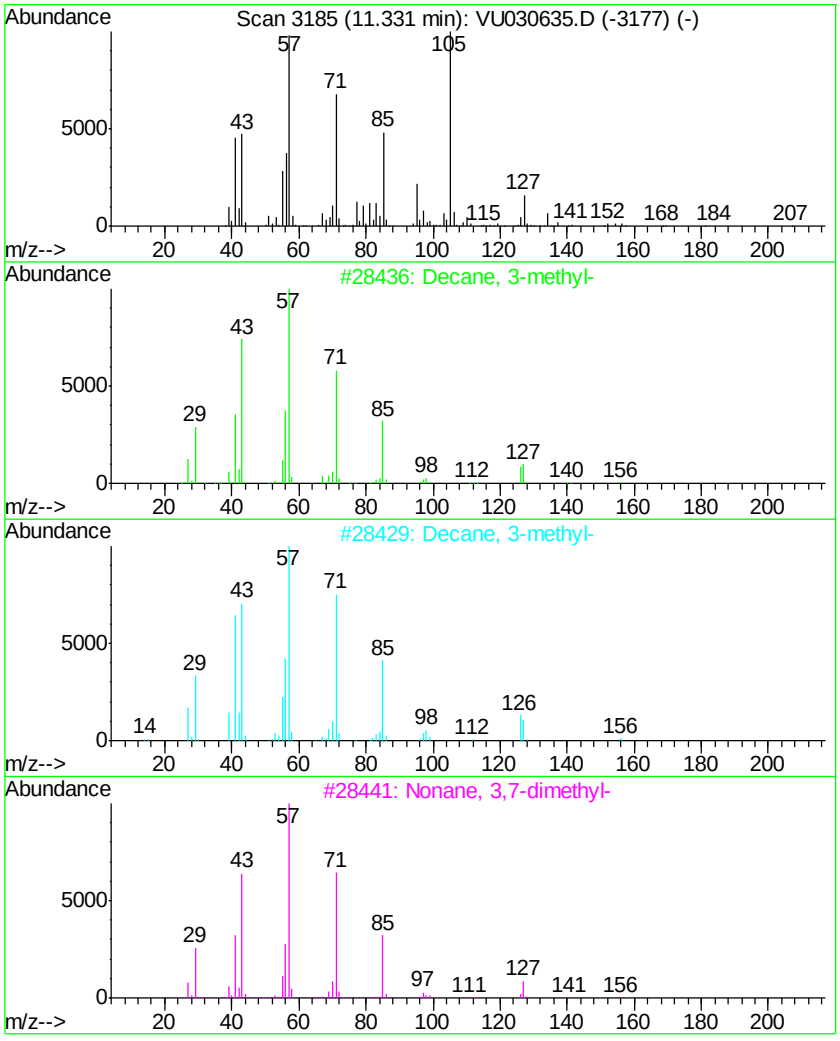
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

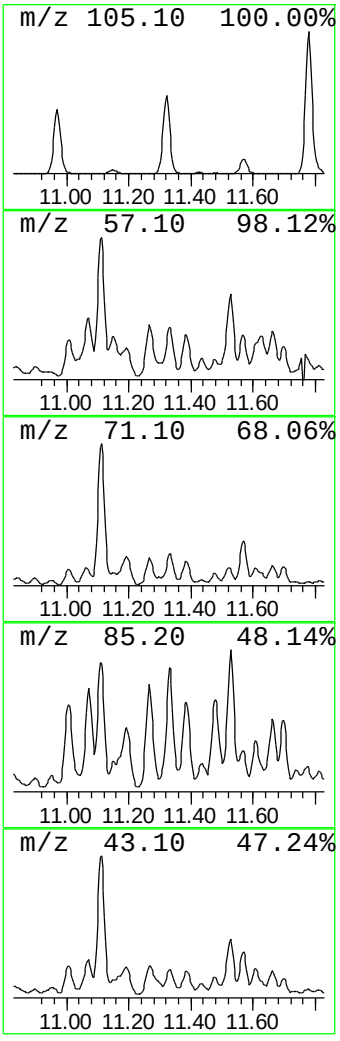
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	17.96 ug/L	1138810	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	46
2	Decane, 3-methyl-	156	C11H24	013151-34-3	46
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	35
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

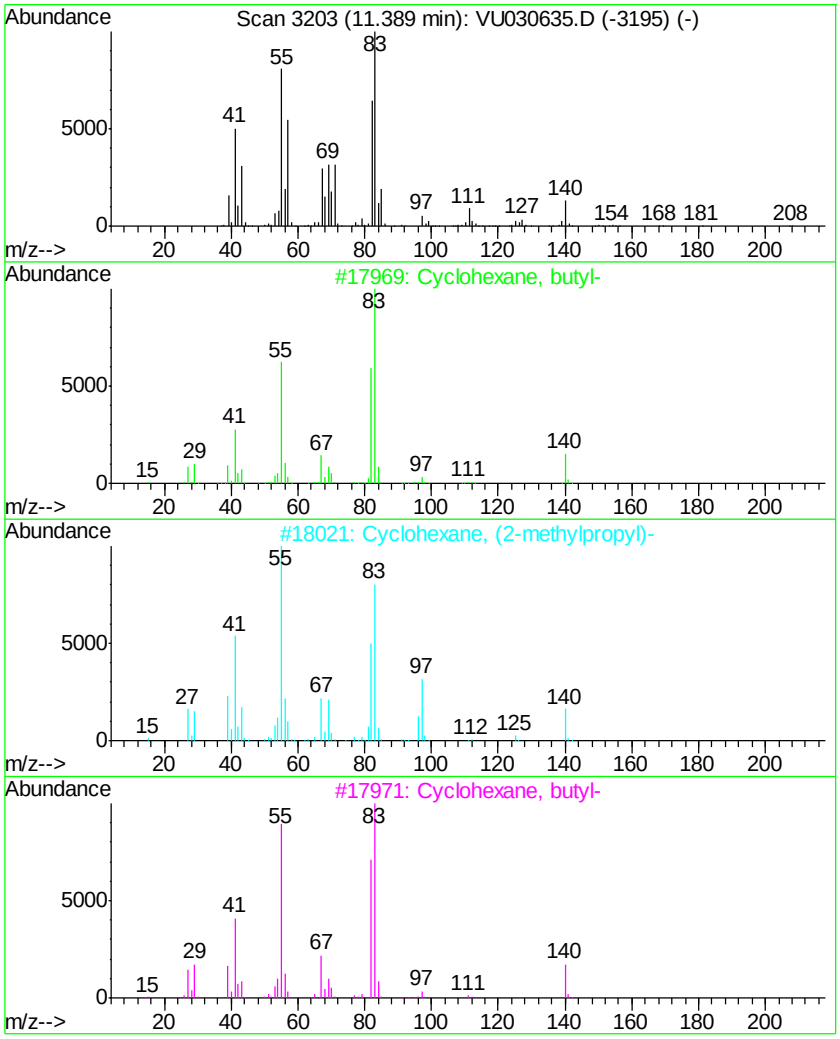
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

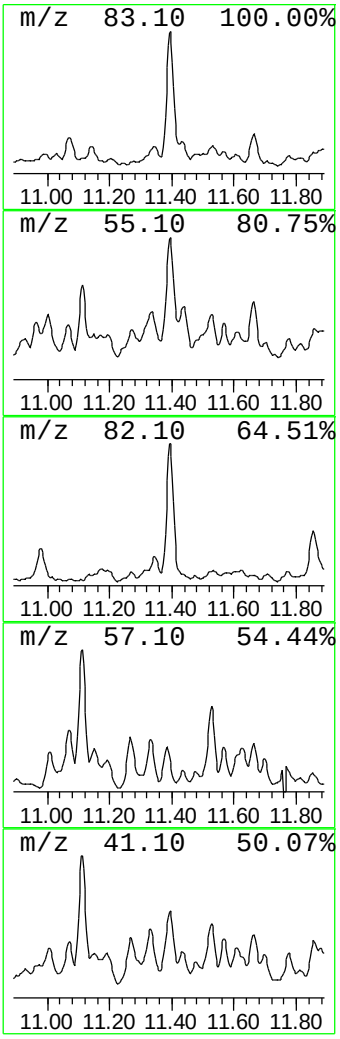
****

Peak Number 54 (DEL) Alkane: Cyclic11.39 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	15.84 ug/L	1004700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

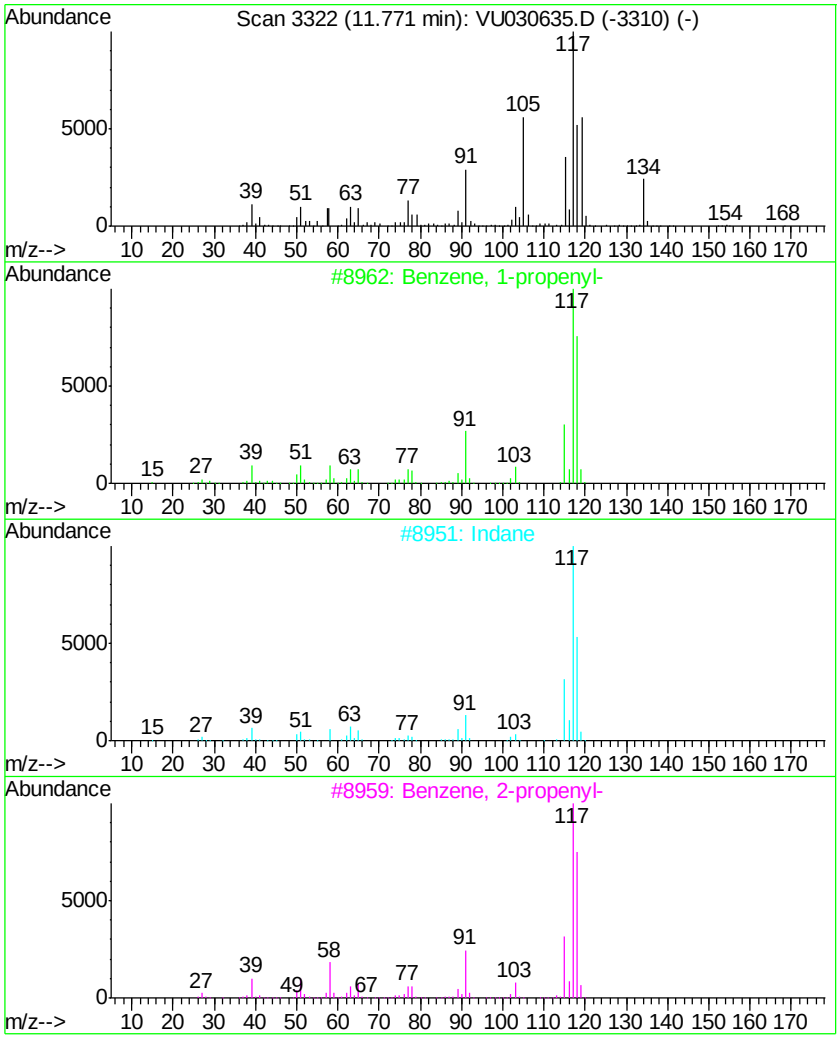
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

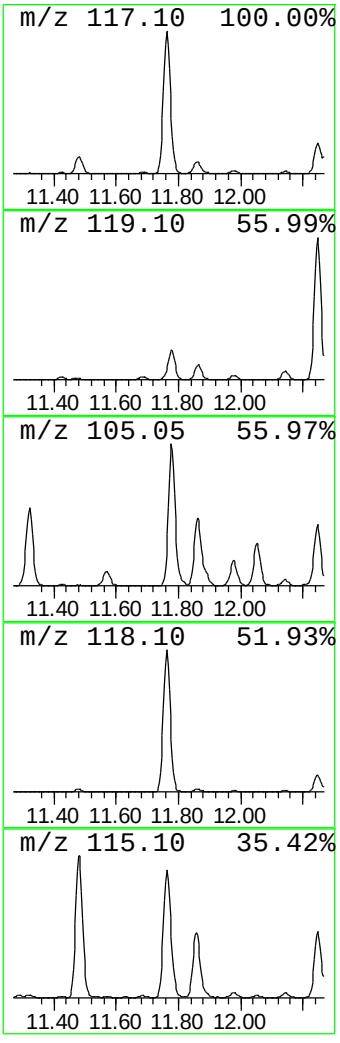
****

Peak Number 55 Benzene, 1-propenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	71.88 ug/L	4558150	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Indane	118	C9H10	000496-11-7	64





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

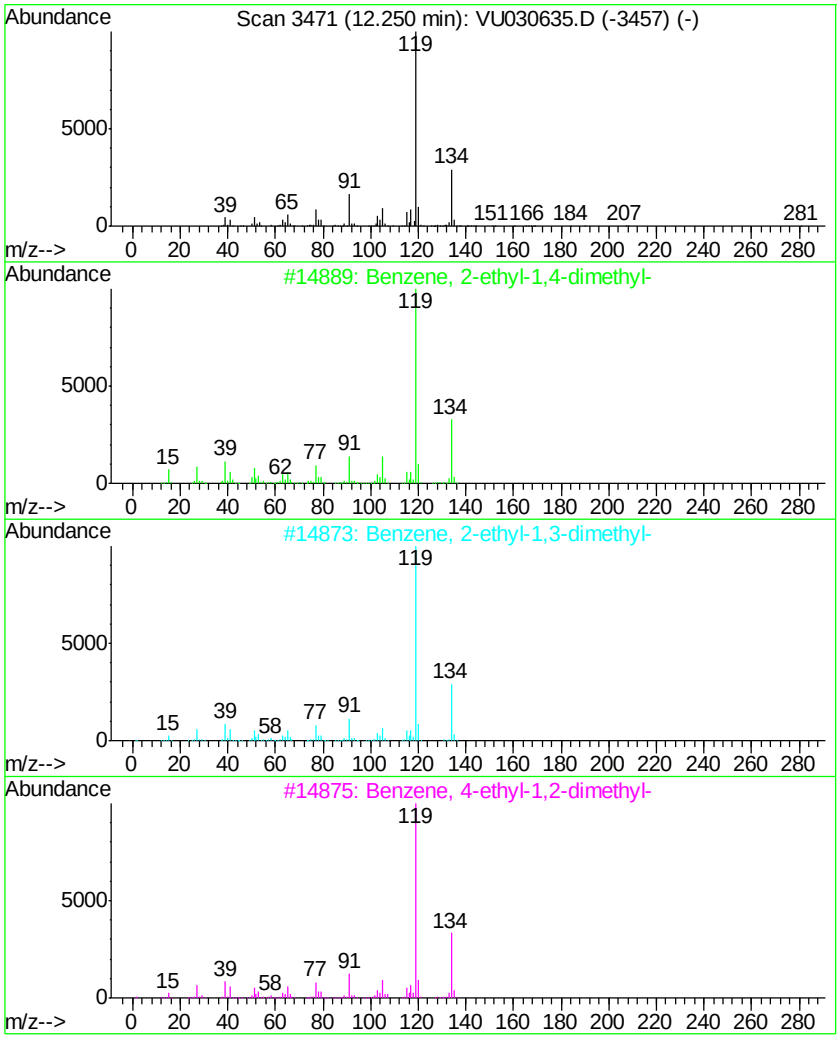
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

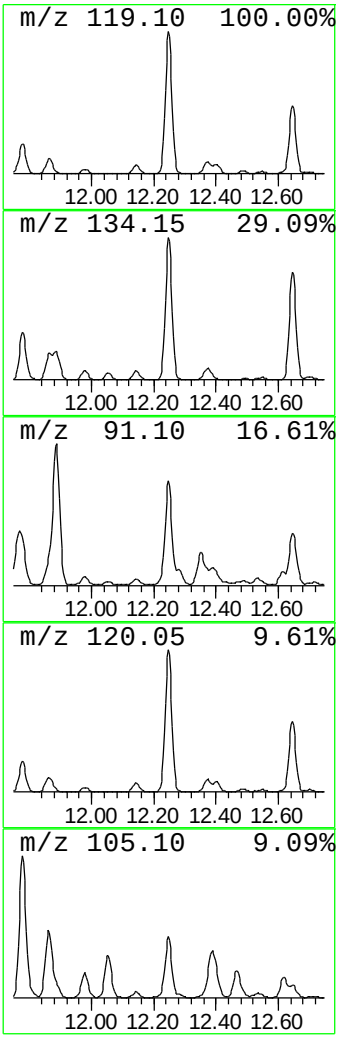
****

Peak Number 56 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	86.47 ug/L	5483970	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

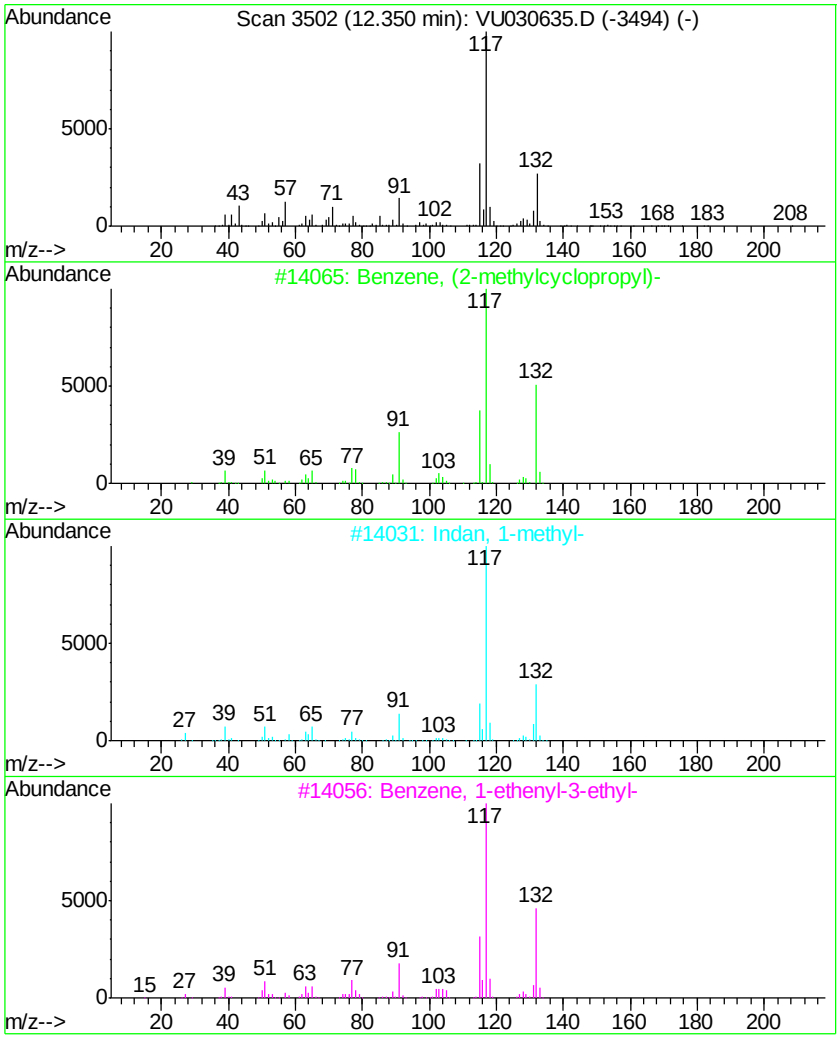
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

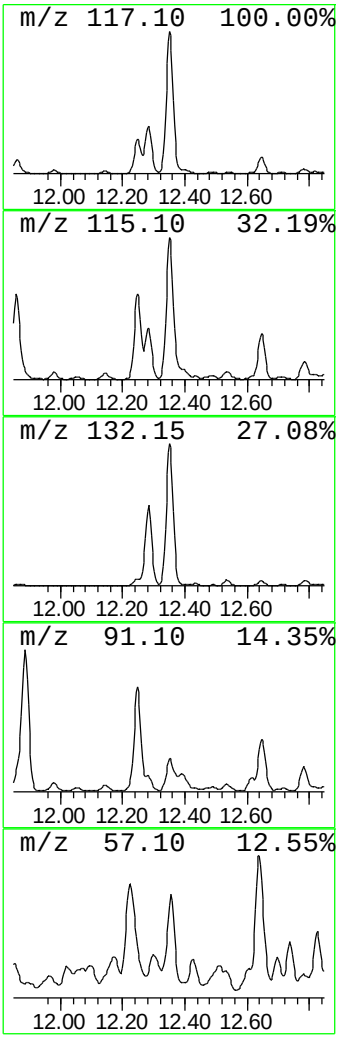
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, (2-methylcycloprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	56.58 ug/L	3587920	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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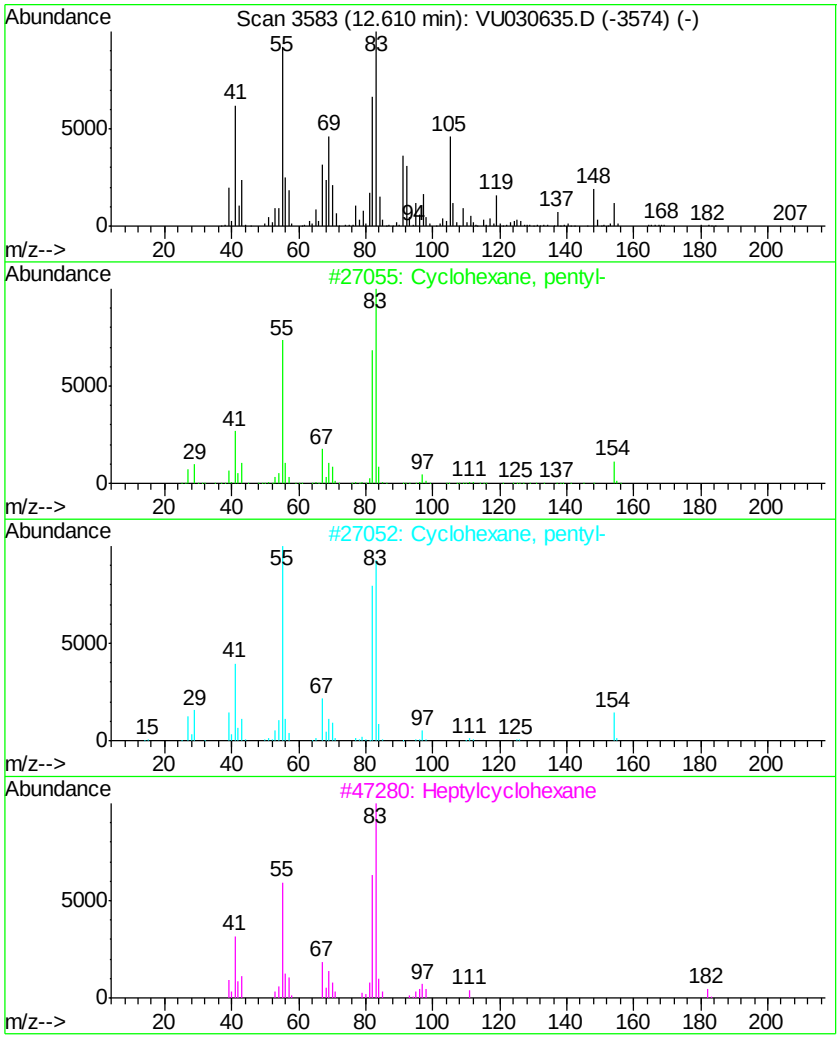
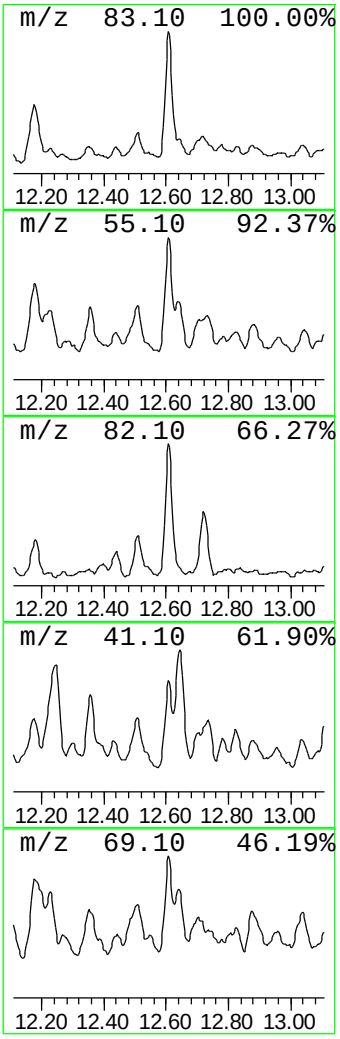
Peak Number 58 (DEL) Alkane: Cyclic12.61 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	16.09 ug/L	1020620	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3	Heptylcyclohexane	182	C13H26	005617-41-4	49
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

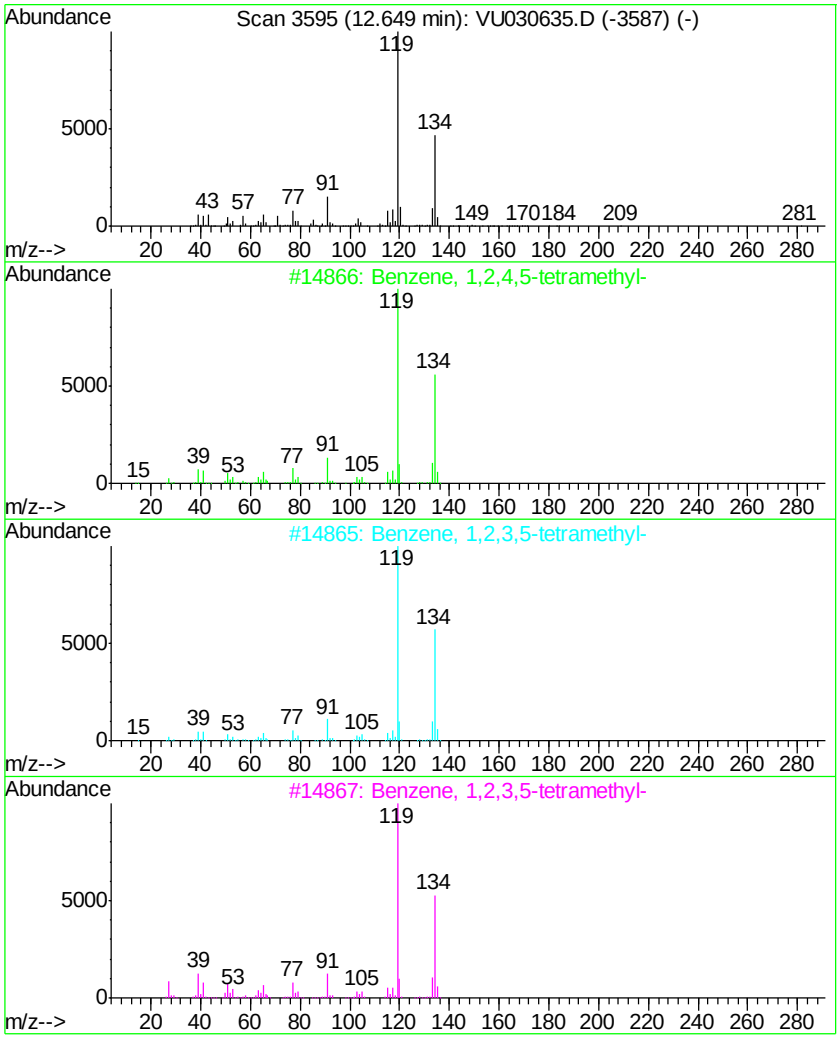
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

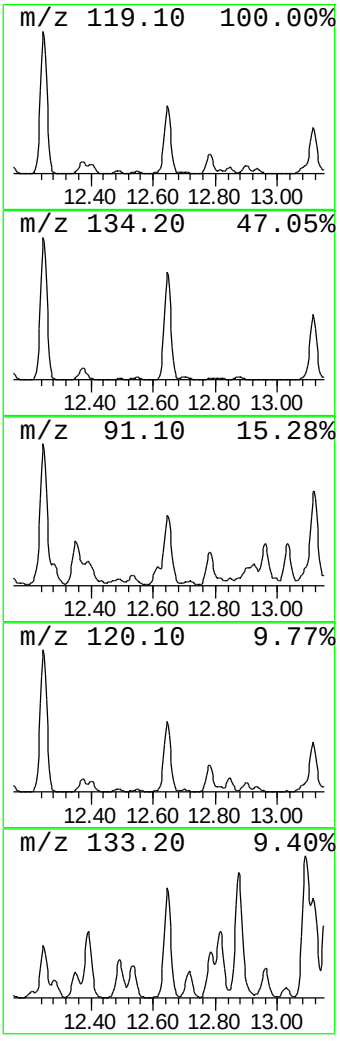
****

Peak Number 59 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	55.73 ug/L	3533950	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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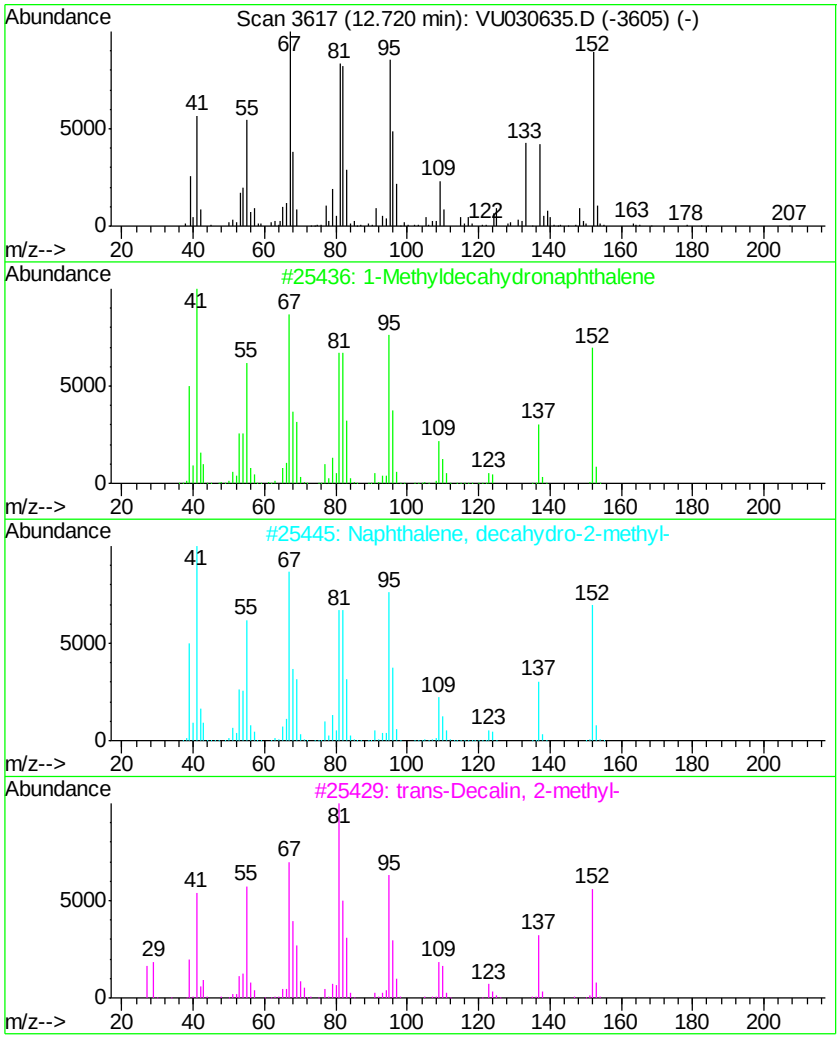
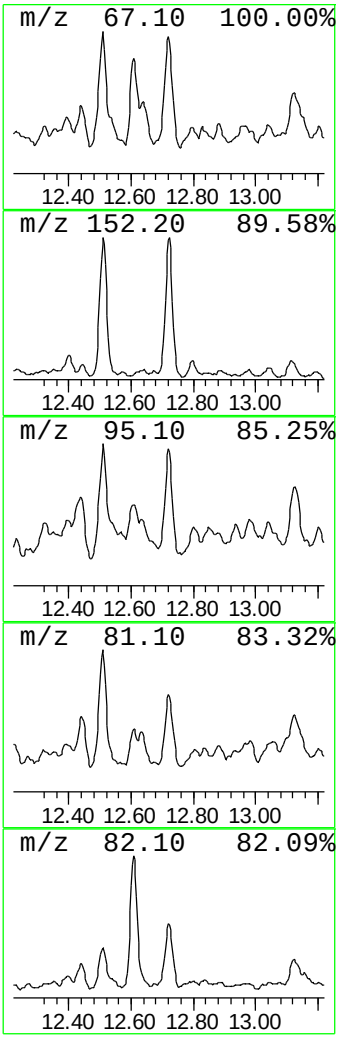
Peak Number 60 1-Methyldecahydronaphthalene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	15.36 ug/L	973837	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

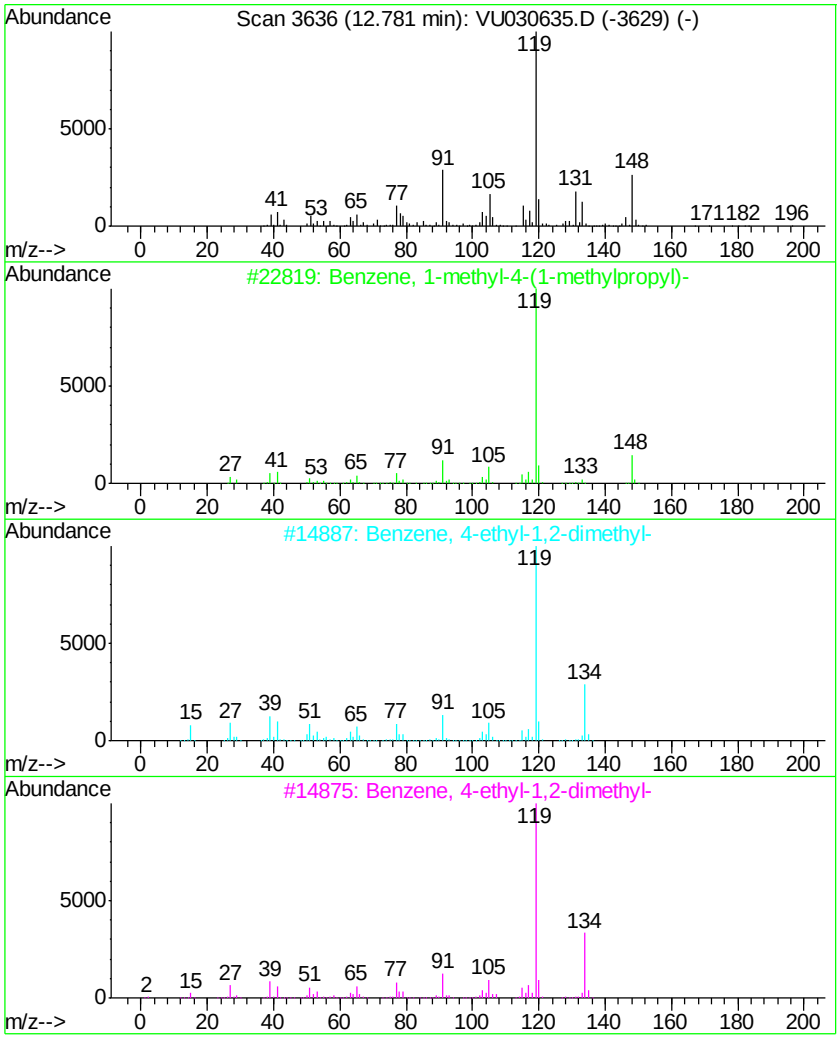
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

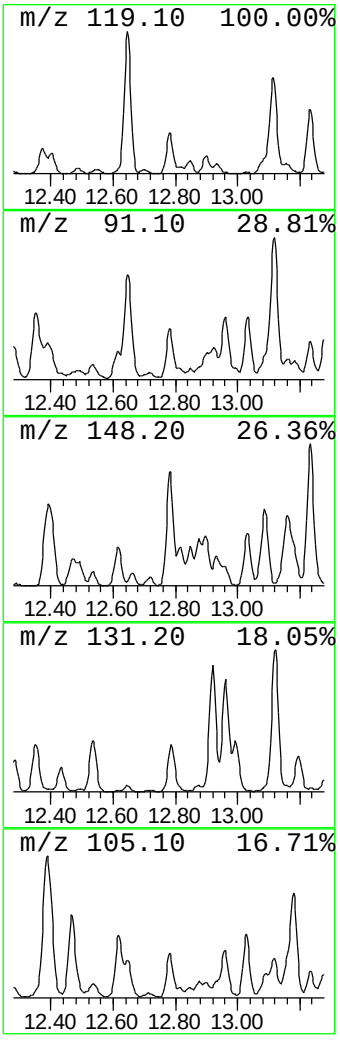
****

Peak Number 61 Benzene, 1-methyl-4-(1-meth... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	16.05 ug/L	1018150	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

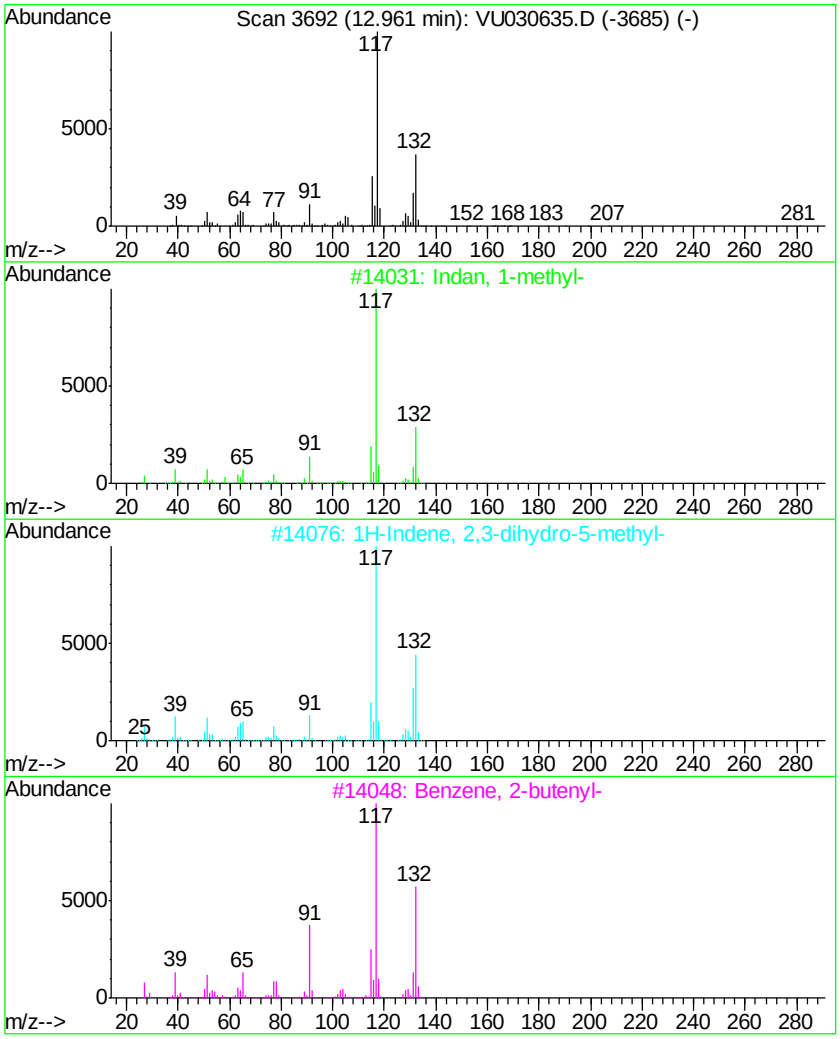
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

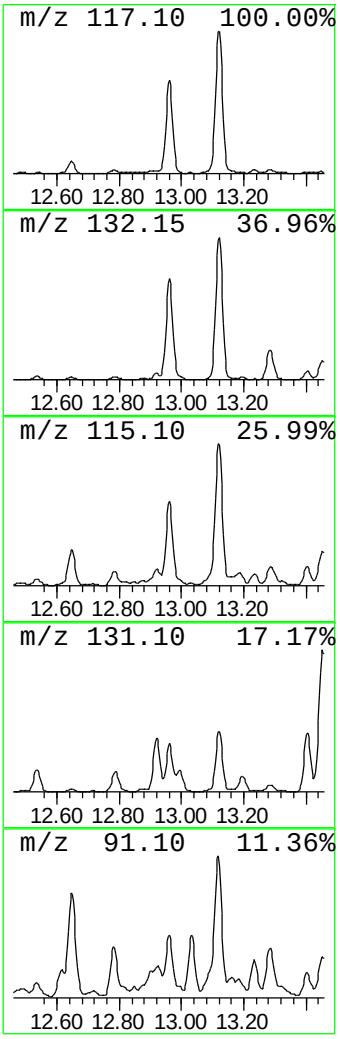
****

Peak Number 62 Indan, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	36.45 ug/L	2311360	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

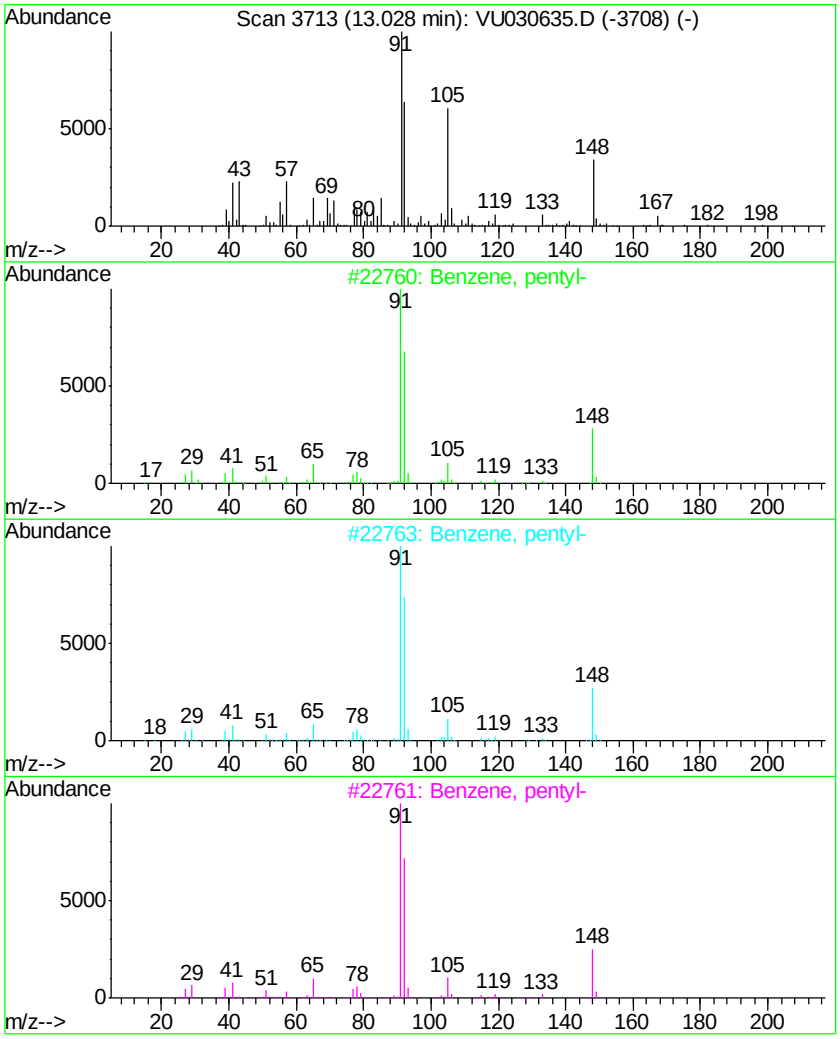
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

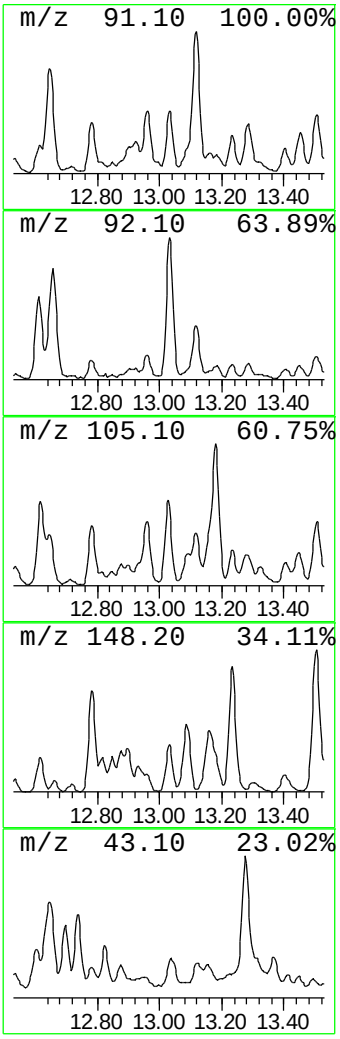
****

Peak Number 63 Benzene, pentyl- Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	7.71 ug/L	488835	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	49
2	Benzene, pentyl-	148	C11H16	000538-68-1	47
3	Benzene, pentyl-	148	C11H16	000538-68-1	46
4	Benzene, pentyl-	148	C11H16	000538-68-1	38
5	Benzene, hexyl-	162	C12H18	001077-16-3	35





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

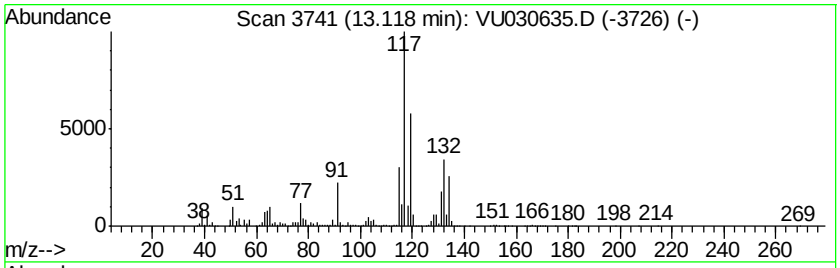
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

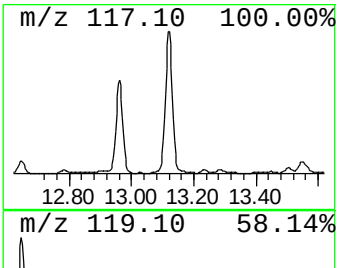
****

Peak Number 64 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	83.74 ug/L	5310630	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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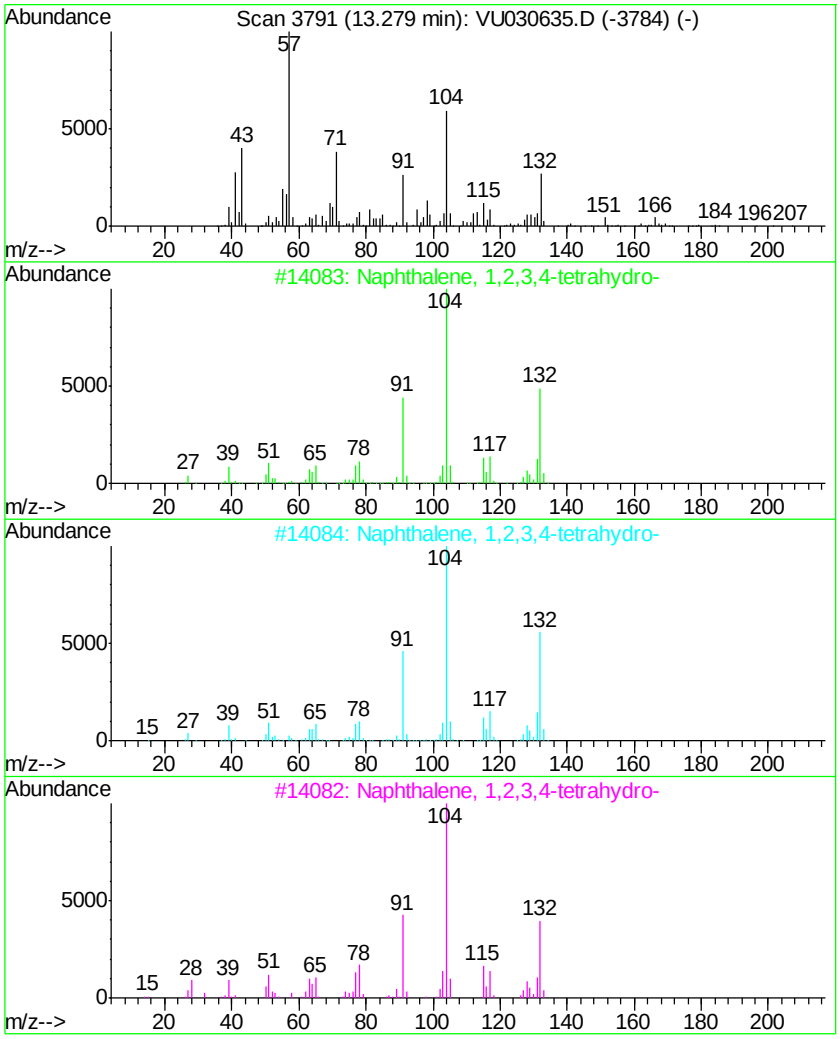
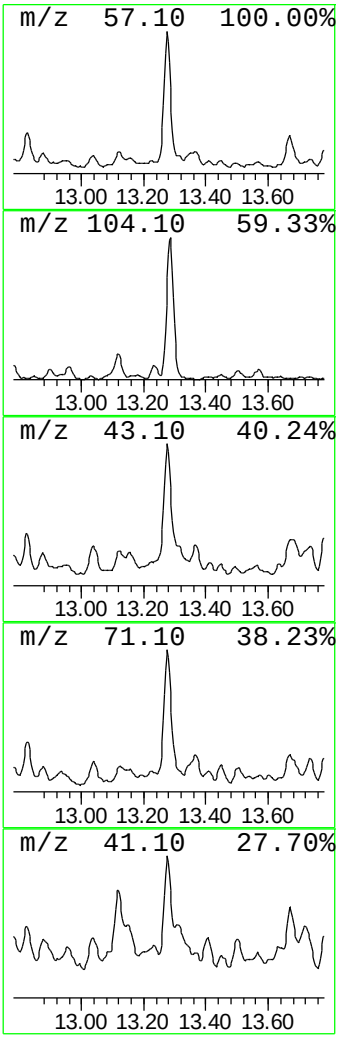
Peak Number 66 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	42.00 ug/L	2663220	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	80
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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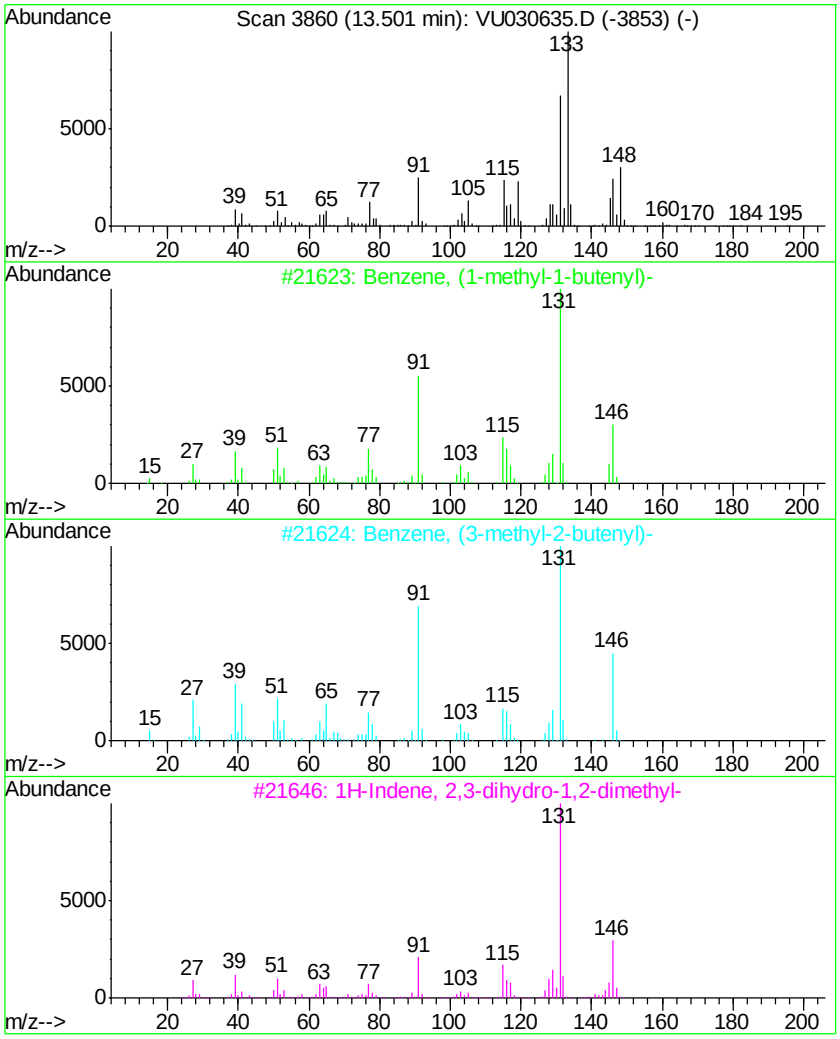
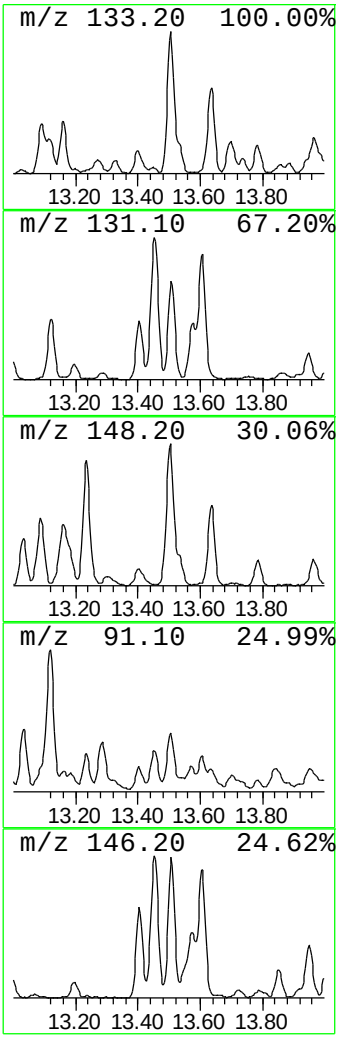
Peak Number 69 Benzene, (1-methyl-1-butenyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	27.96 ug/L	1773310	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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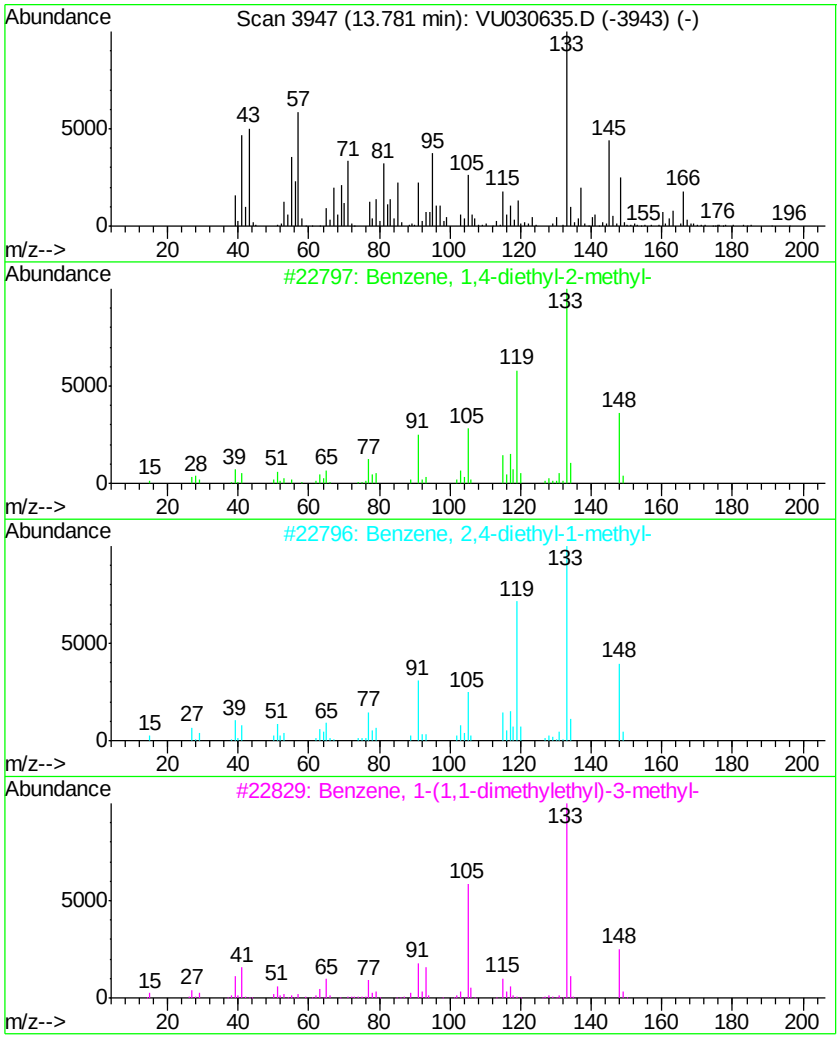
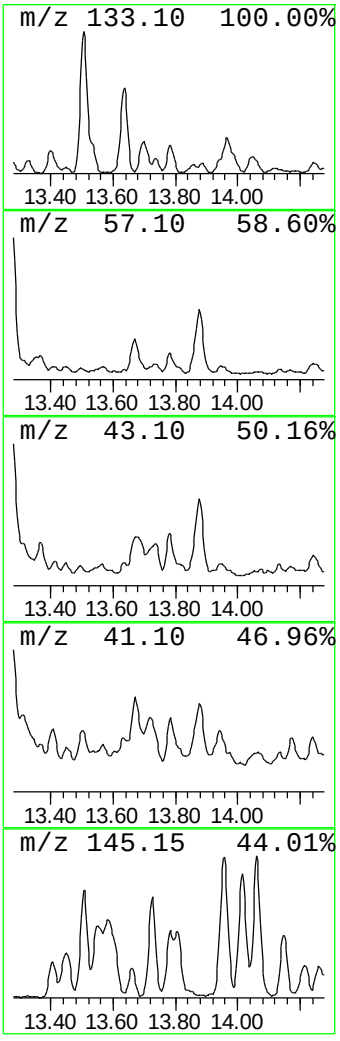
Peak Number 71 unknown-01 Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	8.40 ug/L	532397	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	41
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	41
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	41
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	38
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38





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Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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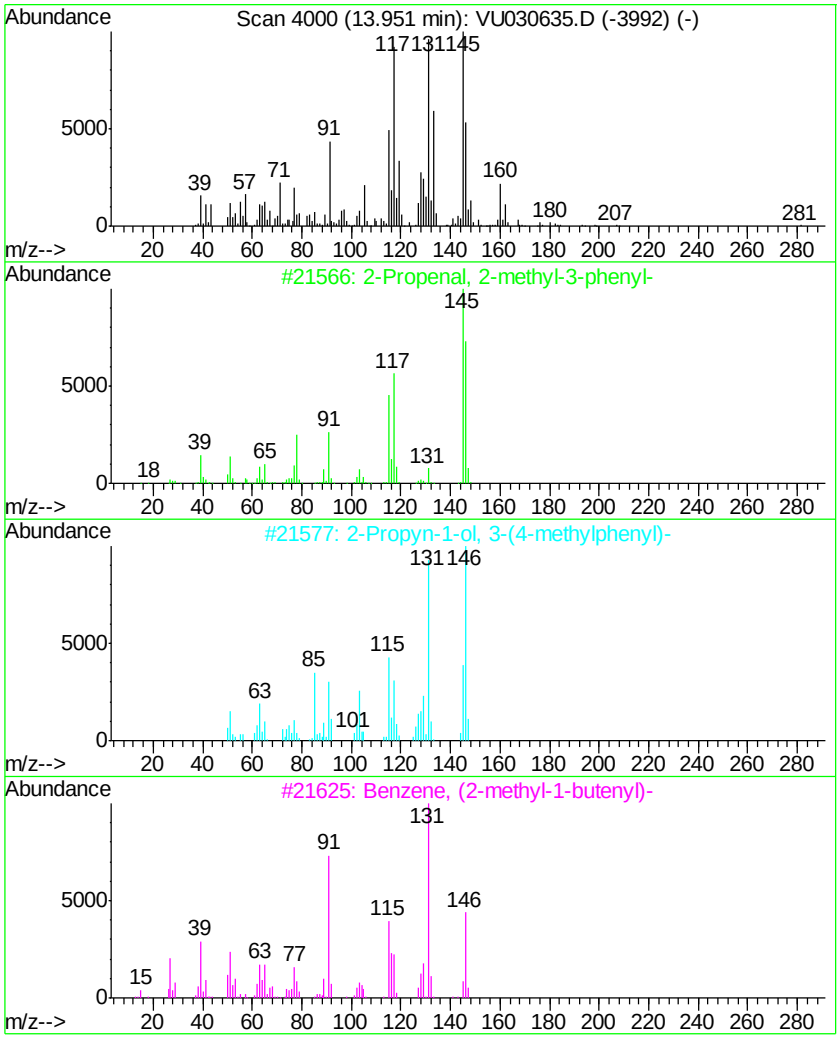
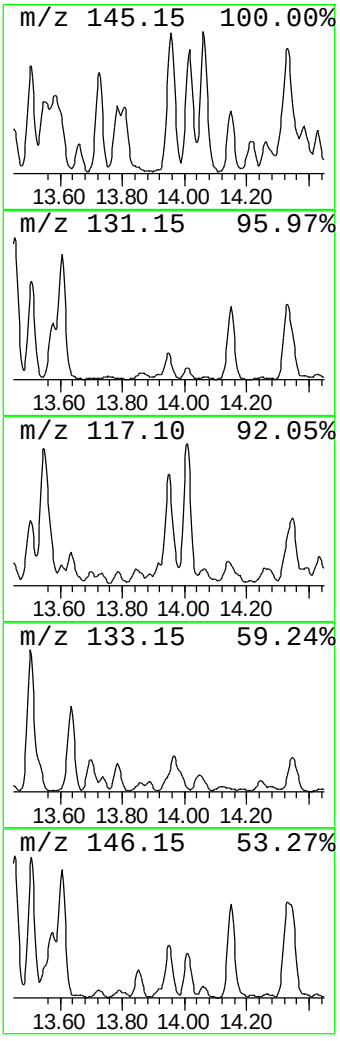
Peak Number 72 unknown-02 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	12.17 ug/L	771526	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	46
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	45
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	43
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
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Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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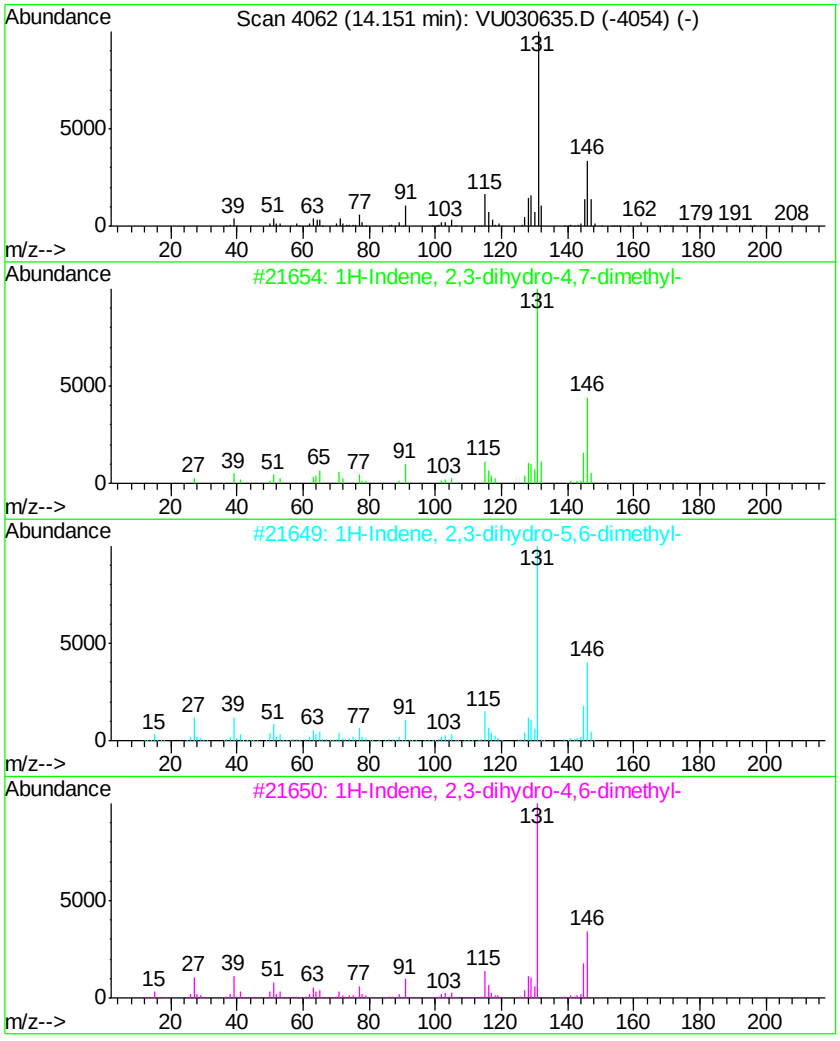
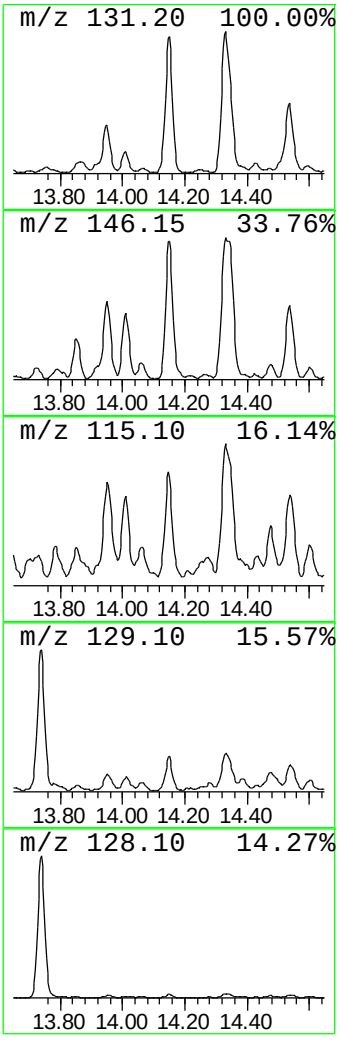
Peak Number 73 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	12.46 ug/L	790447	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





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Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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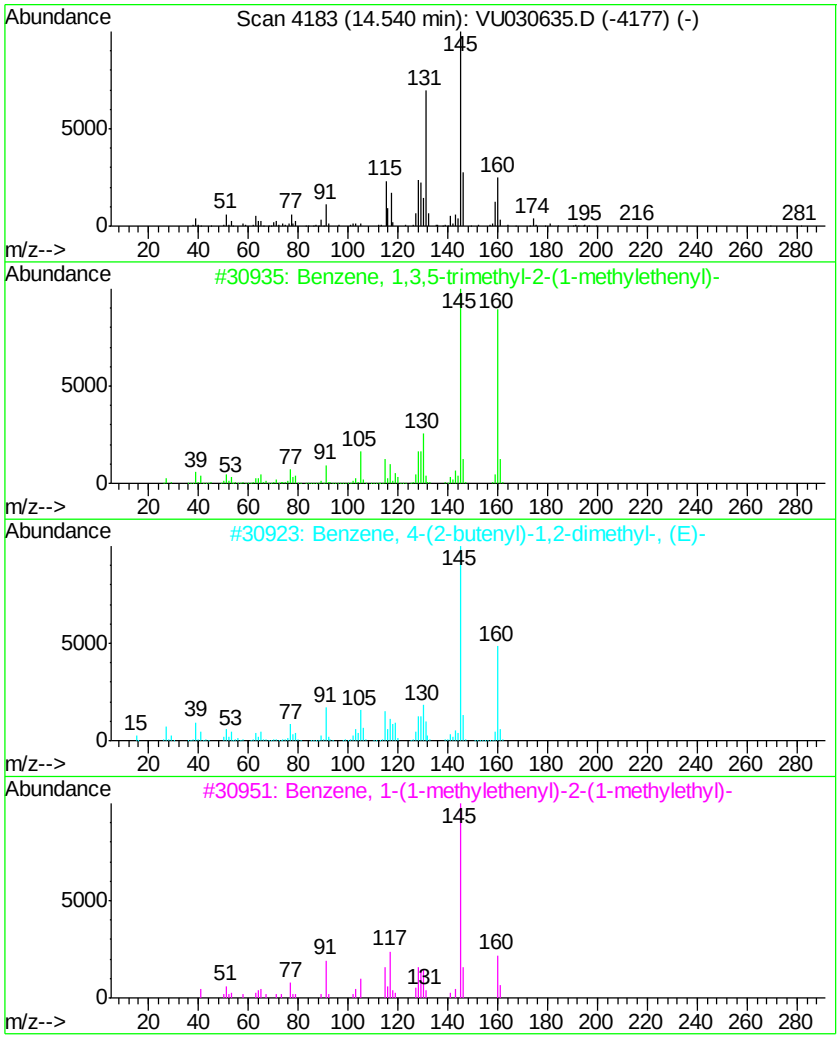
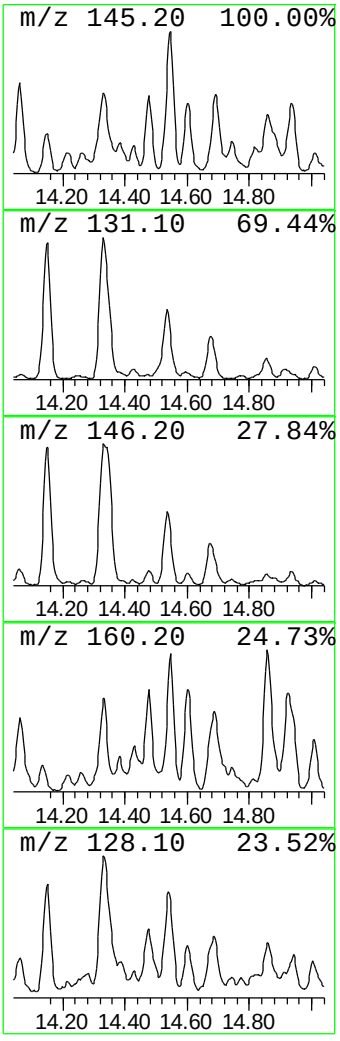
Peak Number 75 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	10.91 ug/L	691896	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	62
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	52
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	52
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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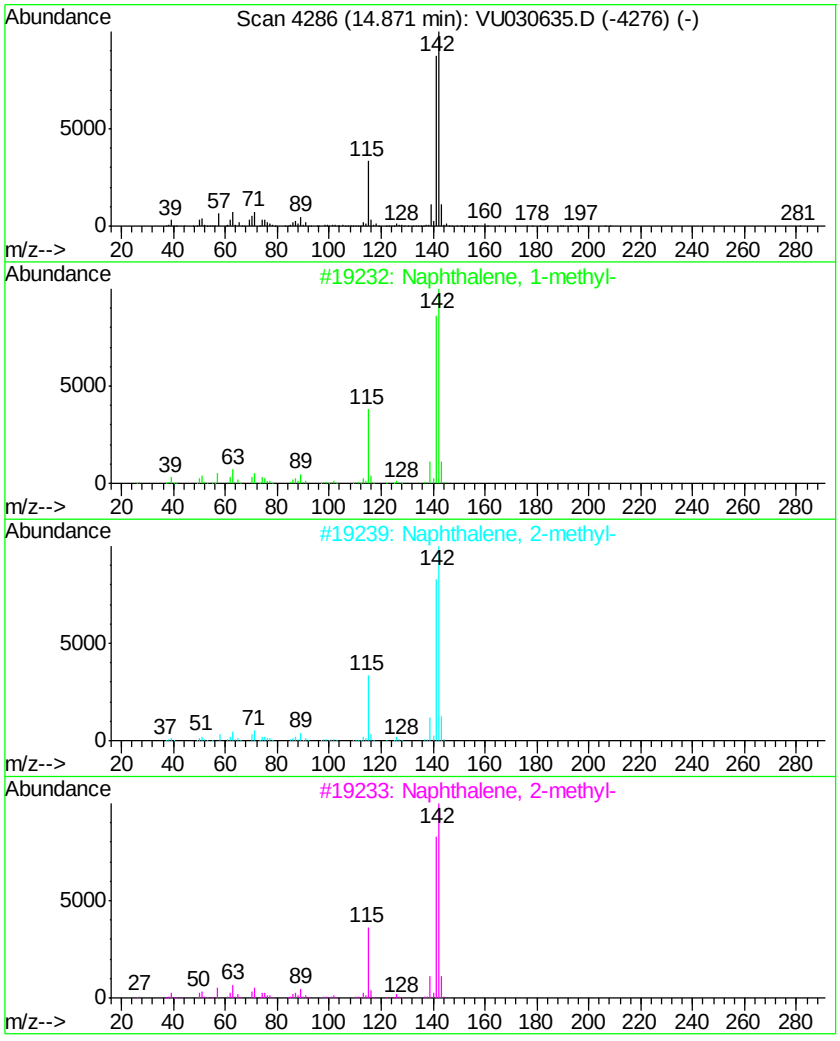
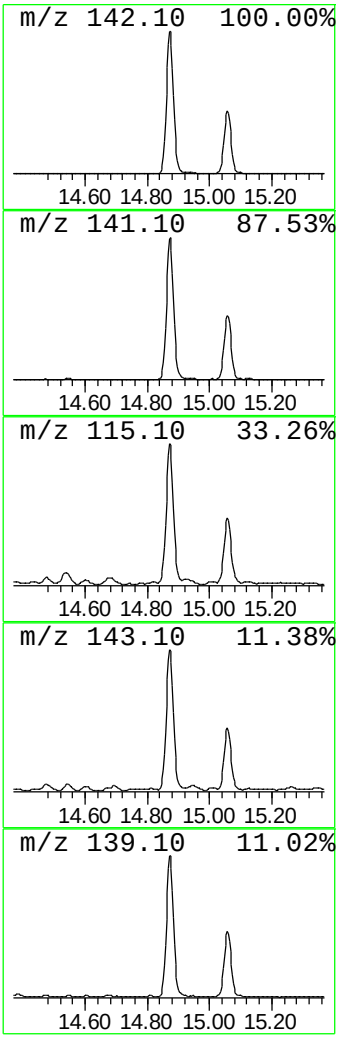
Peak Number 76 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	61.81 ug/L	3919810	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	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

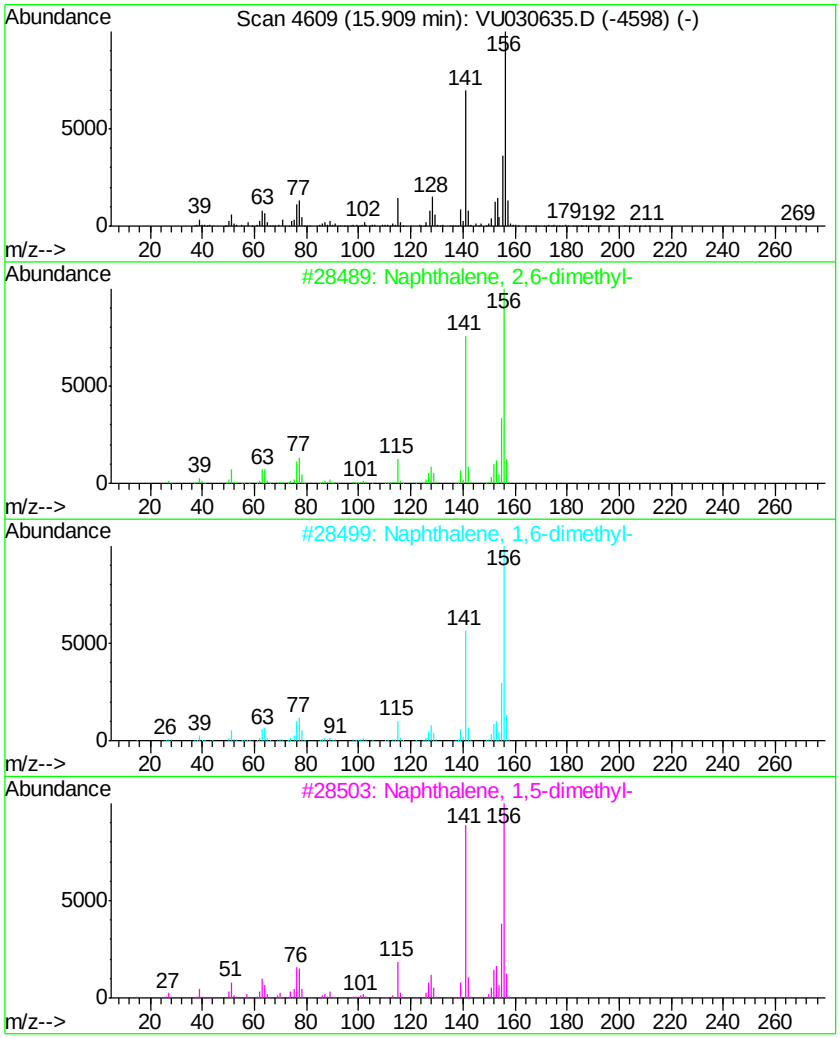
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

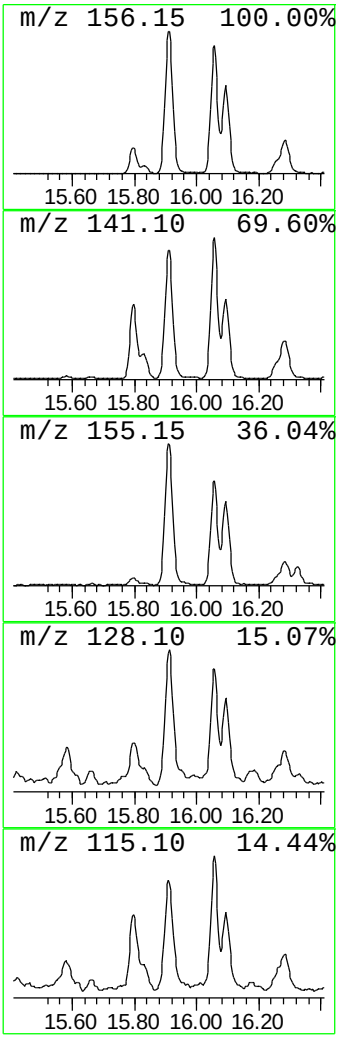
****

Peak Number 78 Naphthalene, 2,6-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	24.15 ug/L	1531650	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

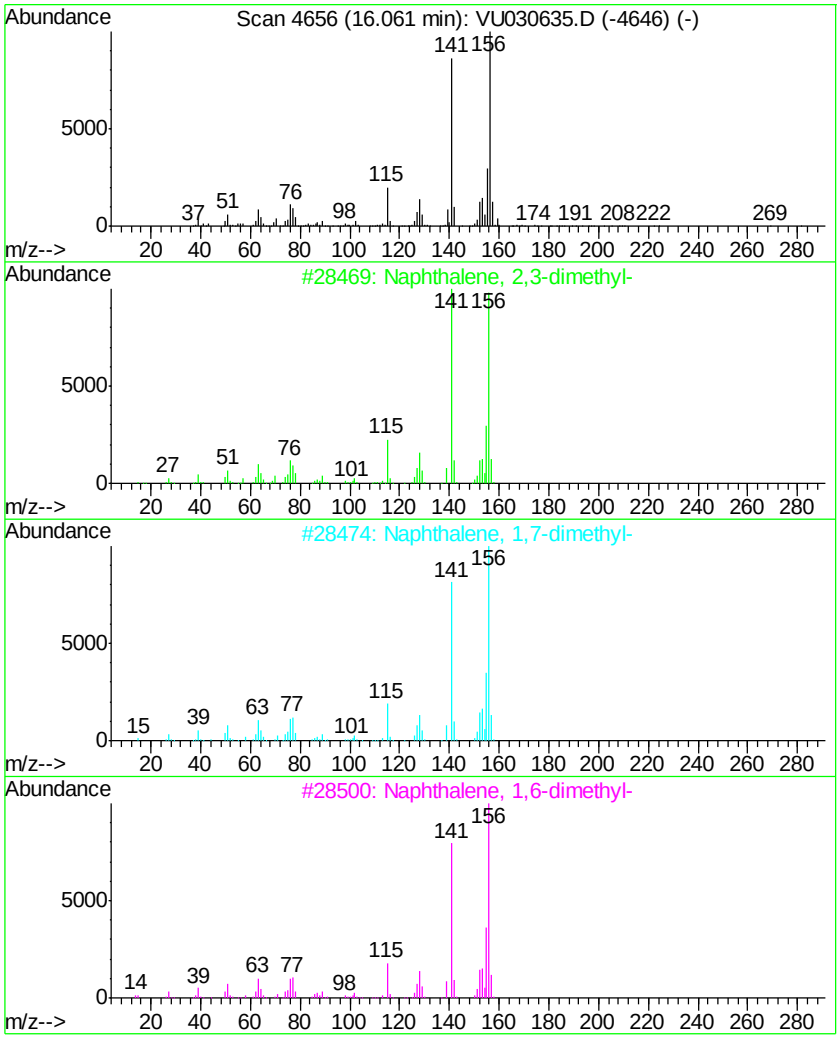
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

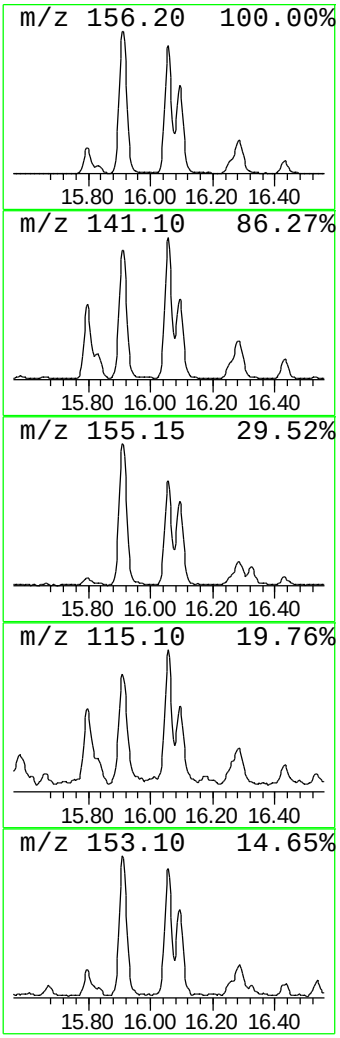
****

Peak Number 79 Naphthalene, 2,3-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	16.28 ug/L	1032180	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, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

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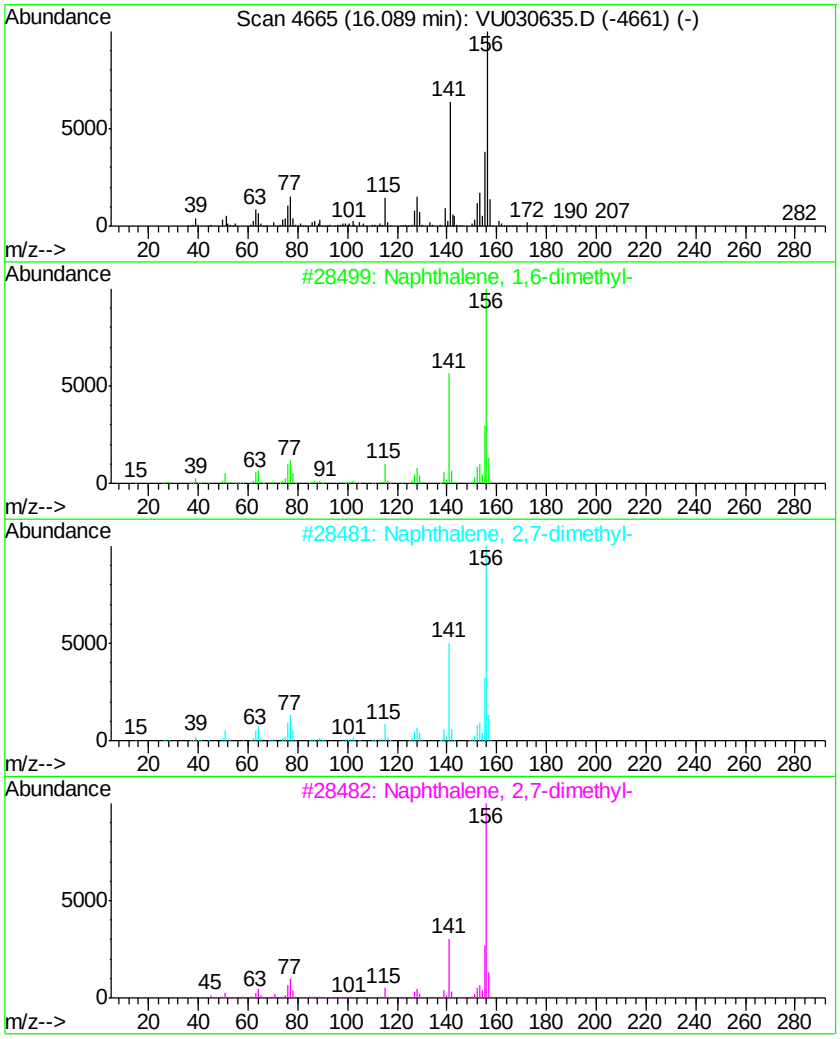
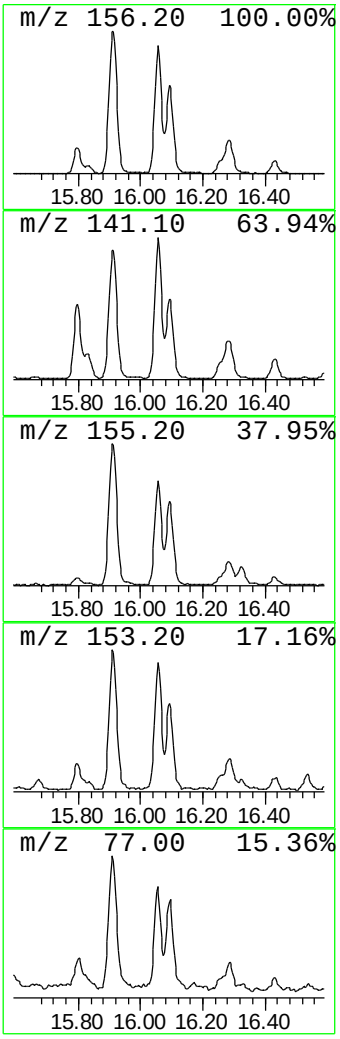
Peak Number 80 Naphthalene, 1,6-dimethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	12.85 ug/L	814855	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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...	2.71	58.0	ug/L	2798190	1	5.88	2410640	50.0
(DEL) Alkane: Str...	2.97	39.9	ug/L	1925180	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	3.86	10.7	ug/L	515786	1	5.88	2410640	50.0
(DEL) Alkane: Str...	3.97	16.6	ug/L	799255	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	4.07	20.9	ug/L	1005690	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	4.71	15.3	ug/L	736070	1	5.88	2410640	50.0
(DEL) Alkane: Str...	4.97	81.7	ug/L	3936420	1	5.88	2410640	50.0
(DEL) Alkane: Str...	5.06	47.2	ug/L	2274490	1	5.88	2410640	50.0
(DEL) Alkane: Str...	5.20	108.9	ug/L	5249150	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	5.47	37.6	ug/L	1812950	1	5.88	2410640	50.0
(DEL) Alkane: Str...	5.53	82.8	ug/L	3993120	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	5.61	41.2	ug/L	1985960	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	5.77	9.3	ug/L	450300	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	5.94	30.5	ug/L	1471180	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	6.21	24.9	ug/L	1200180	1	5.88	2410640	50.0
(DEL) Alkane: Str...	6.47	26.2	ug/L	1263620	1	5.88	2410640	50.0
(DEL) Alkane: Str...	6.52	29.4	ug/L	1416420	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	6.63	21.8	ug/L	1049600	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	6.73	25.6	ug/L	1235710	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	6.83	12.7	ug/L	611351	1	5.88	2410640	50.0
(DEL) Alkane: Str...	6.92	55.5	ug/L	2675650	1	5.88	2410640	50.0
(DEL) Alkane: Str...	7.04	62.8	ug/L	3028750	1	5.88	2410640	50.0
(DEL) Alkane: Str...	7.10	19.6	ug/L	942740	1	5.88	2410640	50.0
(DEL) Alkane: Str...	7.17	86.7	ug/L	4182190	1	5.88	2410640	50.0
(DEL) Alkane: Str...	7.21	50.2	ug/L	2418370	1	5.88	2410640	50.0
(DEL) Alkane: Str...	7.33	90.9	ug/L	4381490	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	7.43	18.0	ug/L	866355	1	5.88	2410640	50.0
(DEL) Alkane: Cyc...	7.69	19.7	ug/L	1097950	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	7.91	33.1	ug/L	1846560	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	8.04	23.3	ug/L	1295310	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	8.09	13.2	ug/L	733903	2	9.09	2786060	50.0
(DEL) Alkane: Str...	8.22	12.9	ug/L	719278	2	9.09	2786060	50.0
(DEL) Alkane: Str...	8.45	39.0	ug/L	2172880	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	8.54	24.3	ug/L	1355950	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	8.60	33.4	ug/L	1862180	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	8.75	15.9	ug/L	888430	2	9.09	2786060	50.0
(DEL) Alkane: Str...	8.81	22.3	ug/L	1240940	2	9.09	2786060	50.0
(DEL) Alkane: Str...	8.90	66.5	ug/L	3704980	2	9.09	2786060	50.0
(DEL) Alkane: Str...	9.03	77.5	ug/L	4320850	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	9.44	22.0	ug/L	1223520	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	9.71	24.0	ug/L	1339550	2	9.09	2786060	50.0
(DEL) Alkane: Str...	9.81	19.4	ug/L	1080450	2	9.09	2786060	50.0
(DEL) Alkane: Str...	9.95	59.9	ug/L	3334970	2	9.09	2786060	50.0
(DEL) Alkane: Cyc...	10.04	24.0	ug/L	1335430	2	9.09	2786060	50.0
(DEL) Alkane: Str...	10.32	20.3	ug/L	1284590	3	11.48	3170870	50.0
(DEL) Alkane: Cyc...	10.49	14.9	ug/L	942578	3	11.48	3170870	50.0
Benzene, propyl-	10.58	63.5	ug/L	4029960	3	11.48	3170870	50.0
(DEL) Alkane: Cyc...	10.75	13.6	ug/L	861841	3	11.48	3170870	50.0
(DEL) Alkane: Cyc...	10.81	10.2	ug/L	645862	3	11.48	3170870	50.0

Benzene, 1-ethyl-...	10.97	11.4	ug/L	722809	3	11.48	3170870	50.0
(DEL) Alkane: Str...	11.11	24.4	ug/L	1545120	3	11.48	3170870	50.0
Benzene, (2-methy...	11.28	16.0	ug/L	1012380	3	11.48	3170870	50.0
(DEL) Alkane: Str...	11.33	18.0	ug/L	1138810	3	11.48	3170870	50.0
(DEL) Alkane: Cyc...	11.39	15.8	ug/L	1004700	3	11.48	3170870	50.0
Benzene, 1-propenyl-	11.77	71.9	ug/L	4558150	3	11.48	3170870	50.0
Benzene, 2-ethyl-...	12.25	86.5	ug/L	5483970	3	11.48	3170870	50.0
Benzene, (2-methy...	12.35	56.6	ug/L	3587920	3	11.48	3170870	50.0
(DEL) Alkane: Cyc...	12.61	16.1	ug/L	1020620	3	11.48	3170870	50.0
Benzene, 1,2,4,5-...	12.65	55.7	ug/L	3533950	3	11.48	3170870	50.0
1-Methyldecahydro...	12.72	15.4	ug/L	973837	3	11.48	3170870	50.0
Benzene, 1-methyl...	12.78	16.1	ug/L	1018150	3	11.48	3170870	50.0
Indan, 1-methyl-	12.96	36.5	ug/L	2311360	3	11.48	3170870	50.0
Benzene, pentyl-	13.03	7.7	ug/L	488835	3	11.48	3170870	50.0
Benzene, 2-etheny...	13.12	83.7	ug/L	5310630	3	11.48	3170870	50.0
Naphthalene, 1,2,...	13.28	42.0	ug/L	2663220	3	11.48	3170870	50.0
Benzene, (1-methy...	13.50	28.0	ug/L	1773310	3	11.48	3170870	50.0
unknown-01	13.78	8.4	ug/L	532397	3	11.48	3170870	50.0
unknown-02	13.95	12.2	ug/L	771526	3	11.48	3170870	50.0
1H-Indene, 2,3-di...	14.15	12.5	ug/L	790447	3	11.48	3170870	50.0
Benzene, 1,3,5-tr...	14.54	10.9	ug/L	691896	3	11.48	3170870	50.0
Naphthalene, 1-me...	14.87	61.8	ug/L	3919810	3	11.48	3170870	50.0
Naphthalene, 2,6-...	15.91	24.1	ug/L	1531650	3	11.48	3170870	50.0
Naphthalene, 2,3-...	16.06	16.3	ug/L	1032180	3	11.48	3170870	50.0
Naphthalene, 1,6-...	16.09	12.9	ug/L	814855	3	11.48	3170870	50.0

Instrument :
MSVOA_U
ClientSampleId :
BF641