LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 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\SOMULM040519WMA.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	128	170	181	rBV2	250717	711714	9.25%	0.440%
2	2.231	344	355	373	rBV	422015	692746	9.00%	0.428%
3	2.707	478	503	536	rVV	951698	2409173	31.31%	1.488%
4	2.961	565	582	606	rVV	778920	1669940	21.70%	1.031%
5	3.865	829	863	876	rBV6	117070	448605	5.83%	0.277%
6	3.965	880	894	910	rVV3	233873	671060	8.72%	0.414%
7	4.064	910	925	942	rVV2	336652	921260	11.97%	0.569%
8	4.190	942	964	1010	rVB4	168369	771256	10.02%	0.476%
9	4.640	1092	1104	1116	rBV	237488	590088	7.67%	0.364%
10	4.710	1117	1126	1138	rVB3	154794	347818	4.52%	0.215%
11	4.968	1191	1206	1221	rVV2	1460569	3388385	44.03%	2.093%
12	5.061	1221	1235	1260	rVB	772308	2026654	26.34%	1.252%
13	5.202	1261	1279	1300	rBV	1854803	4514083	58.66%	2.788%
14	5.328	1300	1318	1333	rVB2	605243	1666682	21.66%	1.029%
15	5.466	1347	1361	1369	rBV2	729523	1648311	21.42%	1.018%
16	5.527	1369	1380	1393	rVV3	1325474	3533522	45.92%	2.182%
17	5.608	1394	1405	1420	rVB4	775868	1803500	23.44%	1.114%
18	5.768	1441	1455	1475	rVB3	175007	376967	4.90%	0.233%
19	5.881	1476	1490	1498	rBV	542364	1120163	14.56%	0.692%
20	5.932	1499	1506	1529	rVB5	455150	1330742	17.29%	0.822%
21	6.206	1577	1591	1603	rBV5	465881	1093140	14.21%	0.675%
22	6.325	1617	1628	1636	rBV	368492	735666	9.56%	0.454%
23	6.402	1636	1652	1664	rVV	3404658	7695095	100.00%	4.753%
24	6.466	1664	1672	1681	rVV	553096	1035559	13.46%	0.640%
25	6.524	1681	1690	1701	rVB	624943	1161001	15.09%	0.717%
26	6.630	1713	1723	1737	rVB	509357	952511	12.38%	0.588%
27	6.726	1738	1753	1766	rVB4	476531	1080767	14.04%	0.667%
28	6.826	1766	1784	1794	rBV6	193979	560904	7.29%	0.346%
29	6.916	1795	1812	1829	rVB3	902106	2344778	30.47%	1.448%
30	7.045	1829	1852	1862	rBV5	953353	2754190	35.79%	1.701%
31	7.096	1863	1868	1878	rVV2	570381	932765	12.12%	0.576%
32	7.173	1881	1892	1899	rVV	1996159	3675153	47.76%	2.270%
33	7.212	1900	1904	1922	rVB4	1220434	2078860	27.02%	1.284%
34	7.334	1932	1942	1961	rVB	1869189	3601528	46.80%	2.224%

LSC Area Percent Report

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Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 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\SOMULM040519WMA.M
Title : VOC Analysis

35	7.427	1963	1971	1986	rVB6	383008	876295	11.39%	0.541%
36	7.521	1986	2000	2006	rBV4	1531899	3034175	39.43%	1.874%
37	7.559	2007	2012	2027	rVB3	1196829	2020622	26.26%	1.248%
38	7.694	2044	2054	2061	rBV4	496757	962297	12.51%	0.594%
39	7.842	2090	2100	2111	rBV4	350979	689193	8.96%	0.426%
40	7.910	2112	2121	2141	rVB3	711150	1616837	21.01%	0.999%
41	8.038	2141	2161	2169	rBV	566892	1163087	15.11%	0.718%
42	8.090	2169	2177	2186	rBV2	392082	672959	8.75%	0.416%
43	8.222	2209	2218	2228	rBV	355321	551948	7.17%	0.341%
44	8.321	2239	2249	2262	rBV3	1672844	2933921	38.13%	1.812%
45	8.450	2276	2289	2294	rBV	851138	1589704	20.66%	0.982%
46	8.540	2307	2317	2325	rBV	737105	1201385	15.61%	0.742%
47	8.601	2327	2336	2345	rVV	957766	1570912	20.41%	0.970%
48	8.752	2371	2383	2392	rBV4	407217	809508	10.52%	0.500%
49	8.810	2392	2401	2407	rBV	588957	994556	12.92%	0.614%
50	8.903	2423	2430	2443	rVB2	1773251	2950884	38.35%	1.822%
51	9.025	2457	2468	2479	rBV	2061582	3424522	44.50%	2.115%
52	9.090	2479	2488	2498	rVV	817289	1314220	17.08%	0.812%
53	9.443	2592	2598	2621	rVB7	322348	973270	12.65%	0.601%
54	9.562	2629	2635	2649	rVB4	186837	323553	4.20%	0.200%
55	9.713	2672	2682	2691	rBV4	648323	1101405	14.31%	0.680%
56	9.813	2704	2713	2725	rBV3	406636	863071	11.22%	0.533%
57	9.948	2737	2755	2764	rBV3	1318780	2676260	34.78%	1.653%
58	10.041	2775	2784	2793	rBV5	735607	1224706	15.92%	0.756%
59	10.164	2812	2822	2832	rBV	935952	1619303	21.04%	1.000%
60	10.318	2858	2870	2876	rBV3	592175	1029429	13.38%	0.636%
61	10.437	2897	2907	2917	rBV2	638839	1616340	21.00%	0.998%
62	10.485	2917	2922	2931	rVB3	532519	802591	10.43%	0.496%
63	10.585	2943	2953	2963	rBV	2393295	3721036	48.36%	2.298%
64	10.749	2996	3004	3014	rBV2	406917	656218	8.53%	0.405%
65	10.810	3016	3023	3034	rVB6	252437	465200	6.05%	0.287%
66	10.971	3065	3073	3079	rBV3	399546	651516	8.47%	0.402%
67	11.112	3109	3117	3124	rBV	816489	1140946	14.83%	0.705%
68	11.286	3158	3171	3176	rBV2	339113	852166	11.07%	0.526%
69	11.324	3178	3183	3194	rVB3	543362	911607	11.85%	0.563%
70	11.392	3196	3204	3211	rBV4	442699	700689	9.11%	0.433%
71	11.482	3224	3232	3240	rBV	951800	1498996	19.48%	0.926%

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ALS Vial : 18 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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	11.527	3242	3246	3253	rVV	332278	405817	5.27%	0.251%
73	11.771	3310	3322	3339	rBV3	2048770	4219164	54.83%	2.606%
74	11.858	3340	3349	3367	rVB5	1660118	4012221	52.14%	2.478%
75	12.247	3457	3470	3478	rBV	3147152	5017714	65.21%	3.099%
76	12.353	3494	3503	3524	rBV3	1508711	3278062	42.60%	2.025%
77	12.610	3574	3583	3586	rBV6	543915	812934	10.56%	0.502%
78	12.646	3587	3594	3604	rVB	1999766	3122866	40.58%	1.929%
79	12.726	3605	3619	3628	rVB	253526	749690	9.74%	0.463%
80	12.781	3629	3636	3643	rBV2	587774	894424	11.62%	0.552%
81	12.961	3685	3692	3707	rVB	1318974	2078752	27.01%	1.284%
82	13.032	3708	3714	3723	rBV4	262940	390117	5.07%	0.241%
83	13.119	3725	3741	3750	rBV3	2898187	4997999	64.95%	3.087%
84	13.231	3770	3776	3783	rBV	448029	583120	7.58%	0.360%
85	13.279	3783	3791	3801	rBV3	779223	1374885	17.87%	0.849%
86	13.405	3822	3830	3837	rBV2	476021	697525	9.06%	0.431%
87	13.453	3837	3845	3852	rBV	663436	972216	12.63%	0.600%
88	13.504	3853	3861	3869	rBV3	1039936	1585572	20.60%	0.979%
89	13.604	3887	3892	3898	rBV	356472	412781	5.36%	0.255%
90	13.736	3925	3933	3942	rVB	1760608	2705740	35.16%	1.671%
91	13.784	3943	3948	3960	rVB5	296684	454190	5.90%	0.281%
92	13.951	3992	4000	4012	rBV6	374542	674869	8.77%	0.417%
93	14.147	4054	4061	4076	rVB	372985	686385	8.92%	0.424%
94	14.334	4109	4119	4133	rBV6	635018	1400834	18.20%	0.865%
95	14.540	4177	4183	4193	rVB4	342737	615851	8.00%	0.380%
96	14.871	4276	4286	4301	rBV	2148815	3595224	46.72%	2.220%
97	15.057	4335	4344	4357	rVB	966975	1575836	20.48%	0.973%
98	15.909	4598	4609	4631	rBV2	690709	1311498	17.04%	0.810%
99	16.054	4646	4654	4661	rBV	645661	1000899	13.01%	0.618%
100	16.093	4661	4666	4684	rVB	440089	739237	9.61%	0.457%

Sum of corrected areas: 161916335

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
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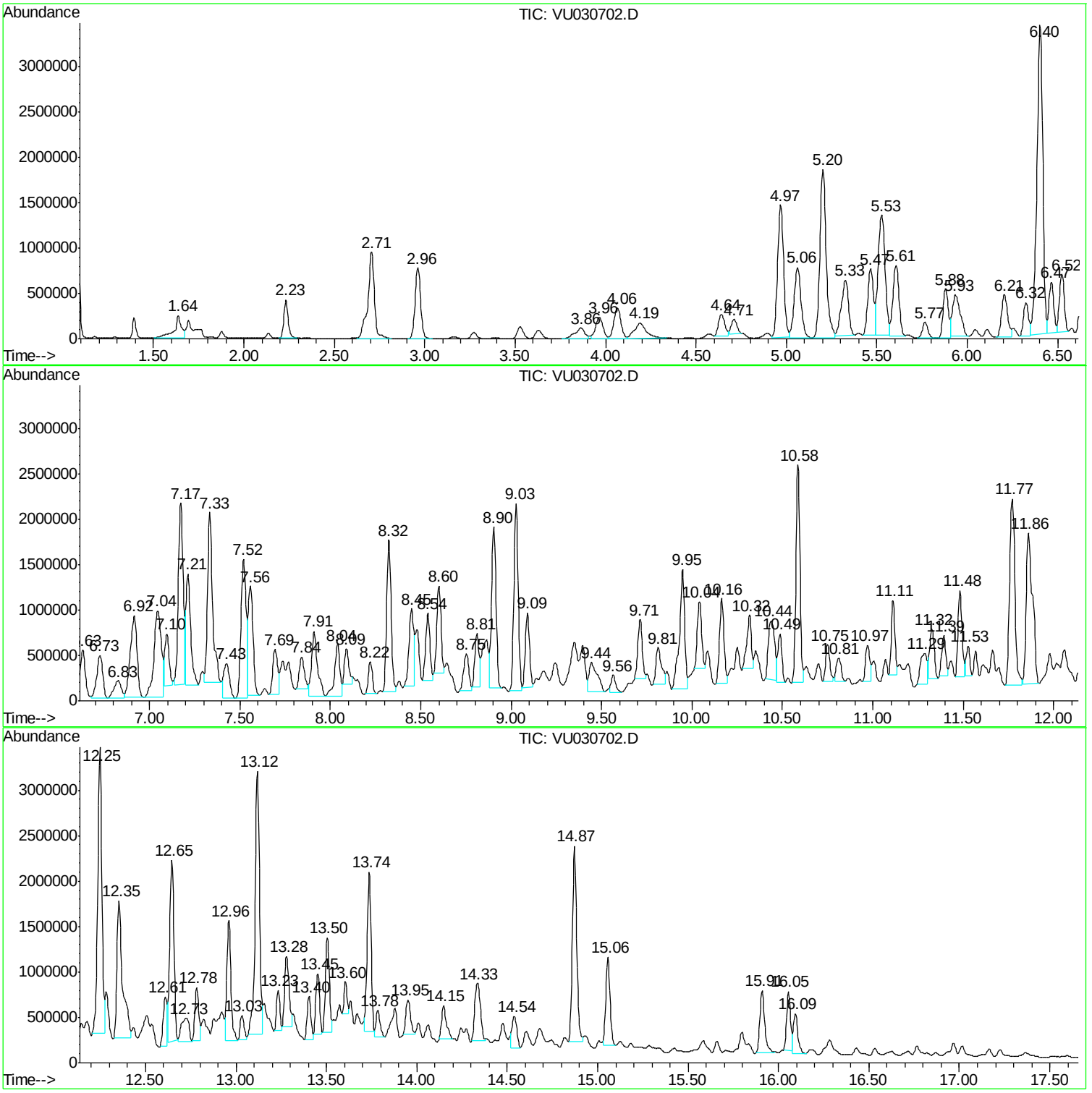
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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\VU040519\
Data File : VU030702.D
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Operator : JC/SP
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Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

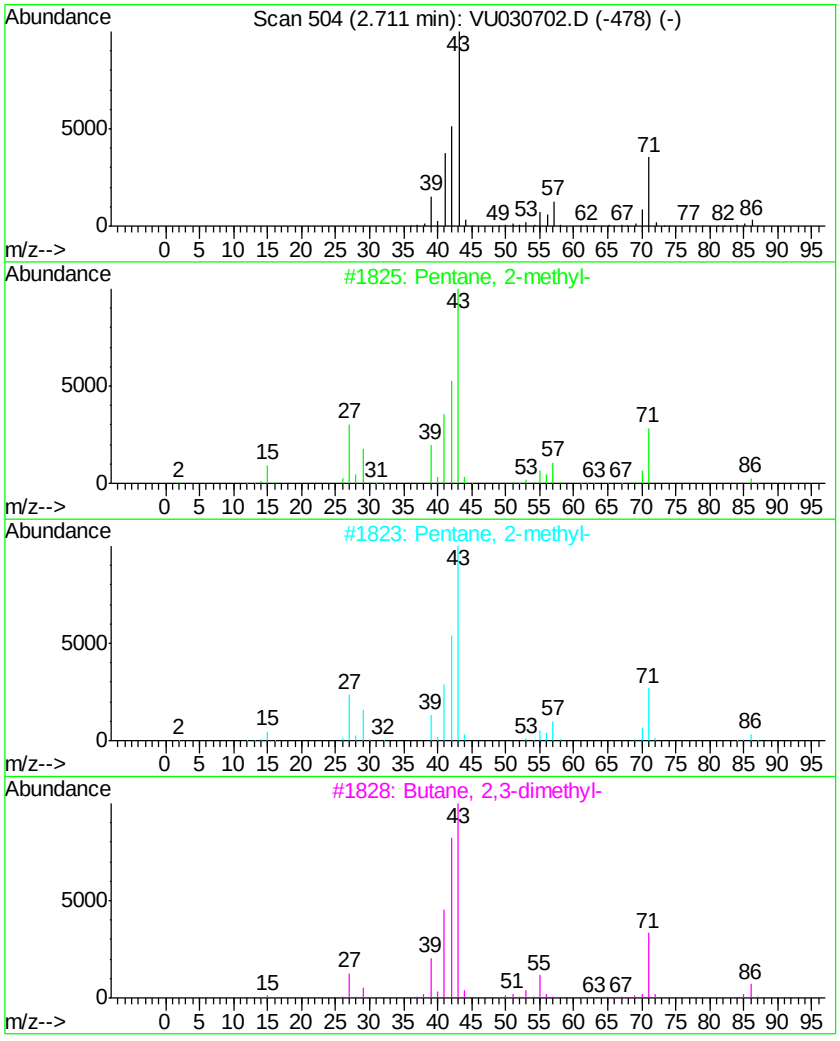
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

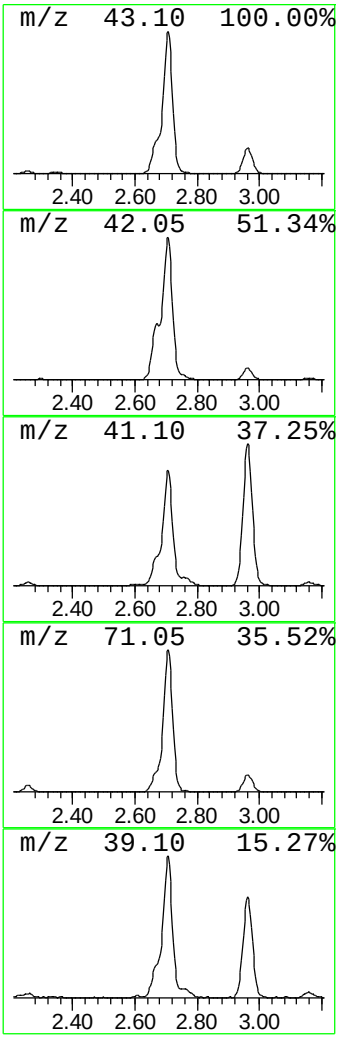
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	107.54 ug/L	2409170	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	50
4	Pentane	72	C5H12	000109-66-0	40
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38





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Instrument : MSVOA_U
ClientSampleId : BF641

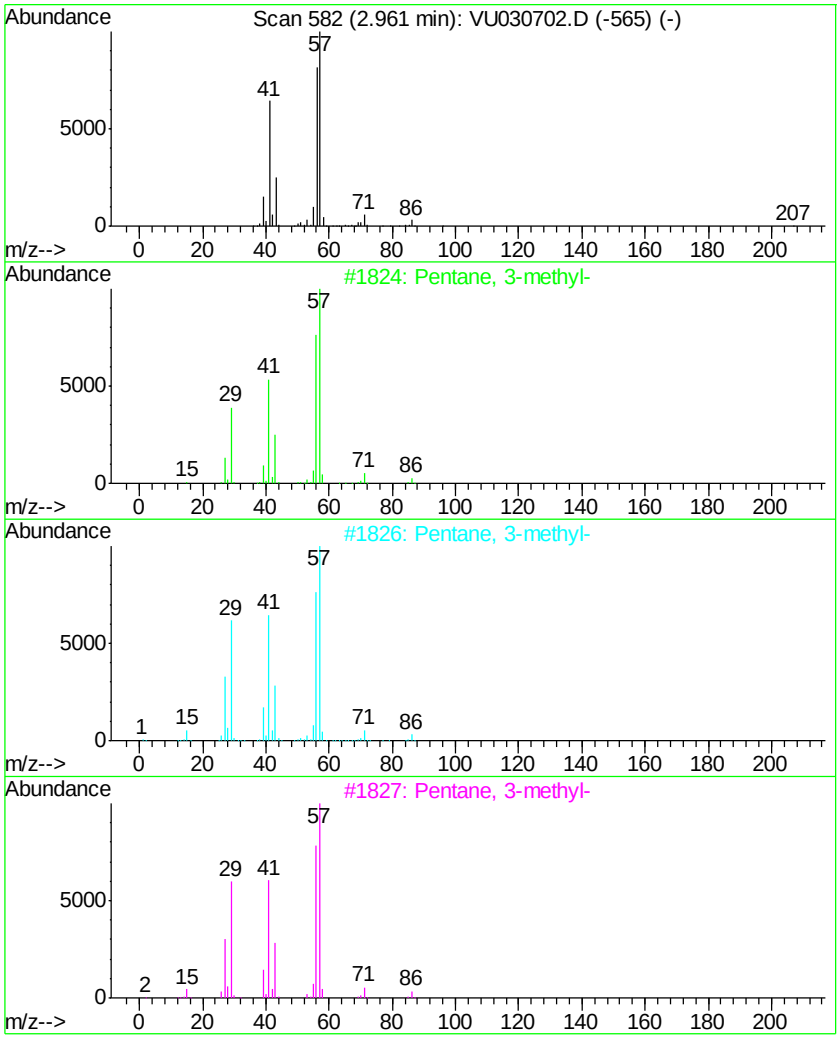
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

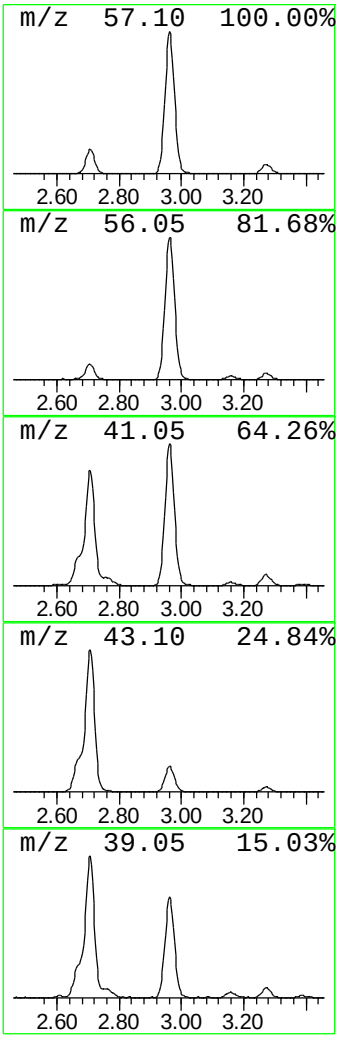
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	74.54 ug/L	1669940	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	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Library Search Compound Report

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

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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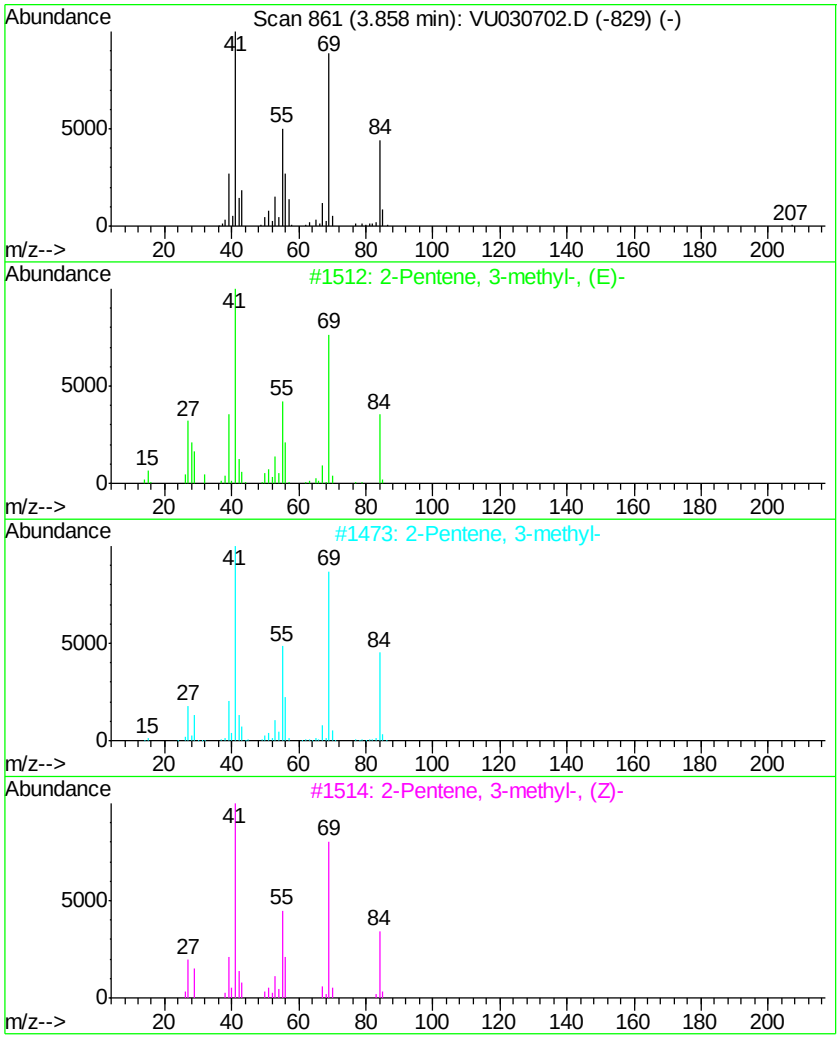
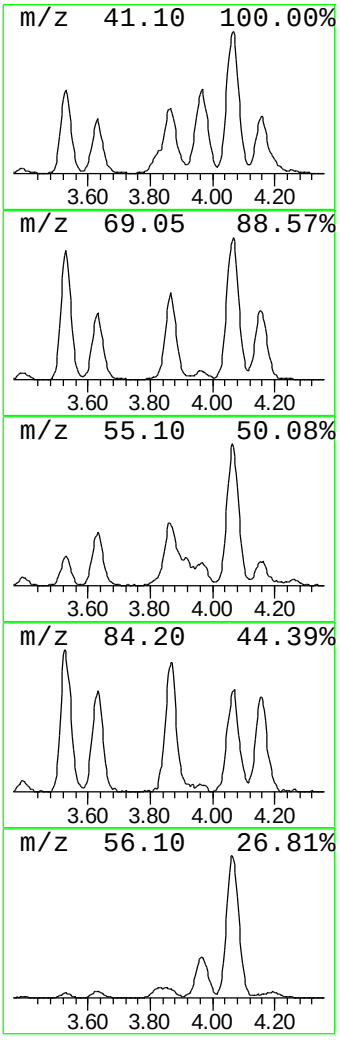
Peak Number 3 (DEL) Alkane: Cyclic3.86 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	20.02 ug/L	448605	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	95
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91





Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

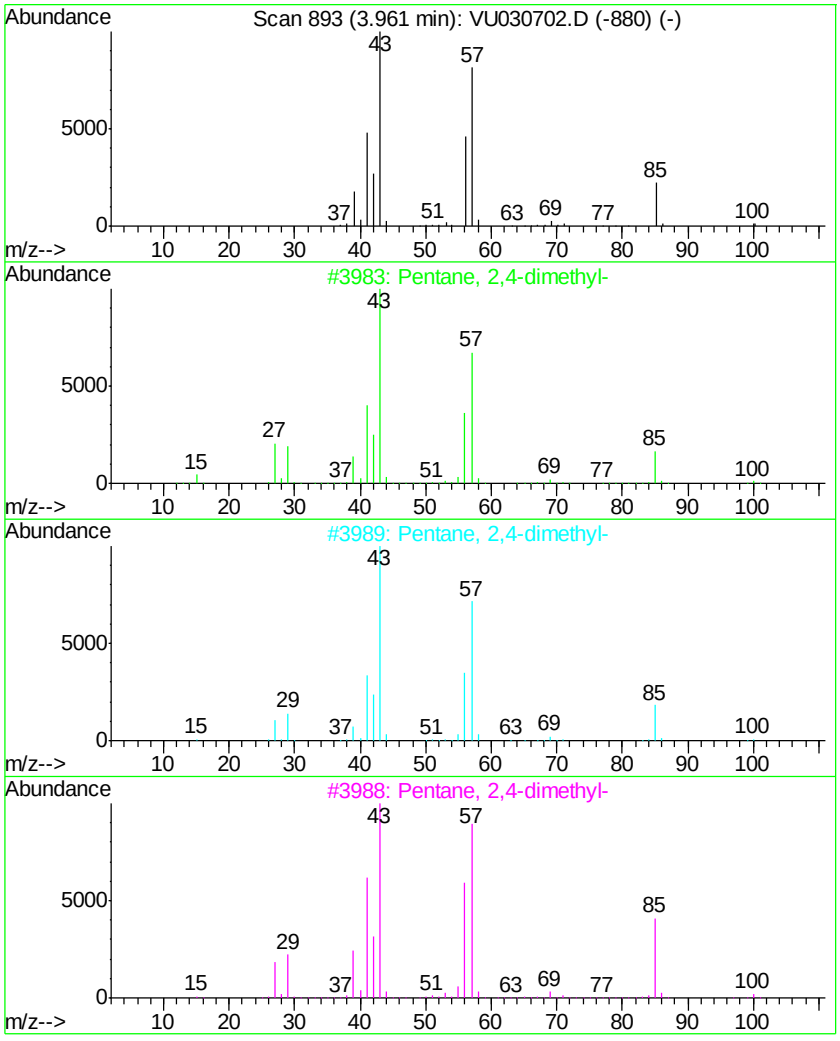
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

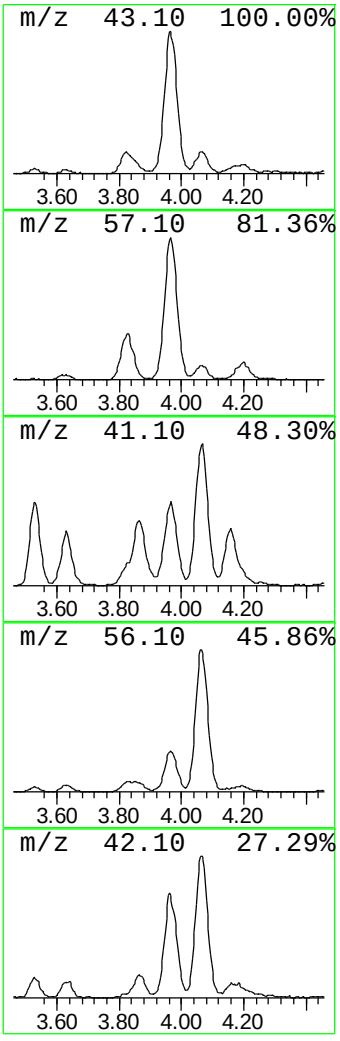
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	29.95 ug/L	671060	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	72
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	47
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	45
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	45





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Data File : VU030702.D
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Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

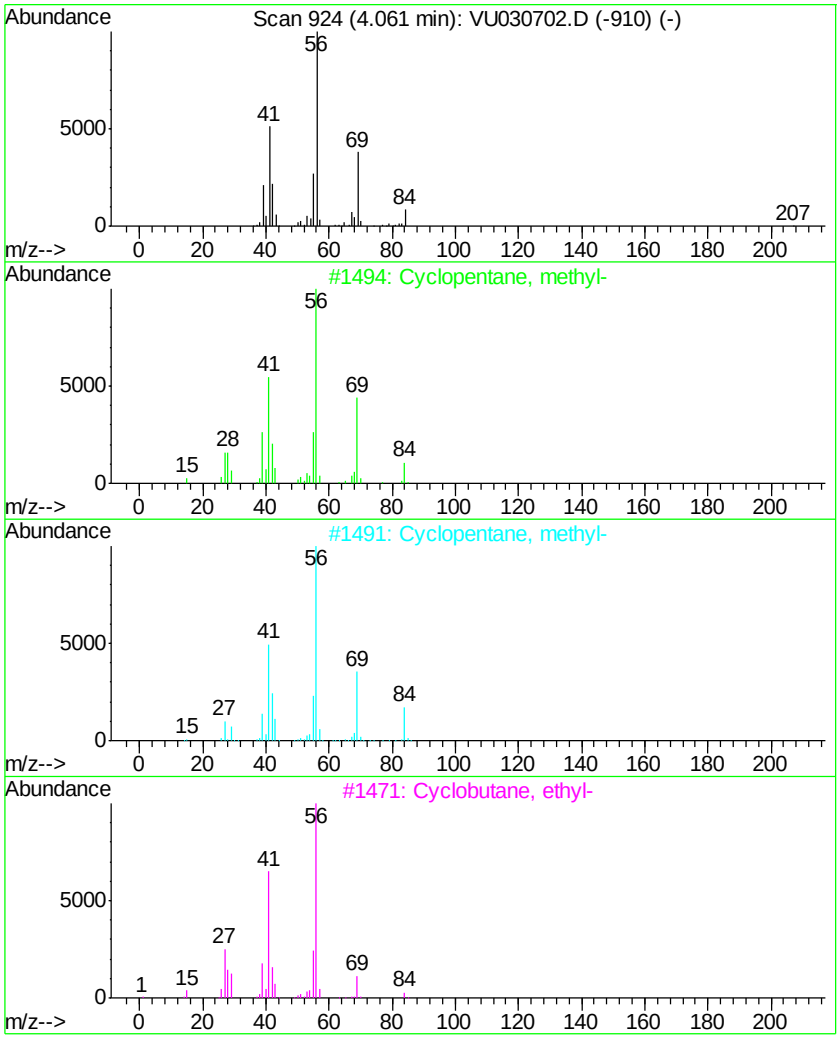
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

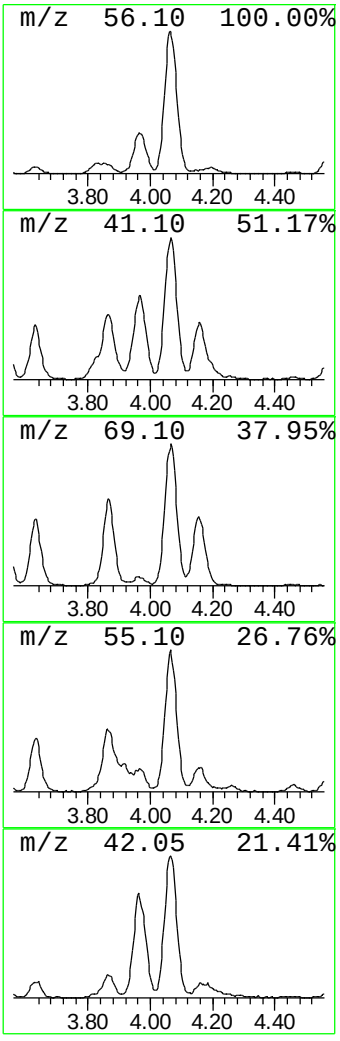
****

Peak Number 5 (DEL) Alkane: Cyclic4.06 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	41.12 ug/L	921260	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

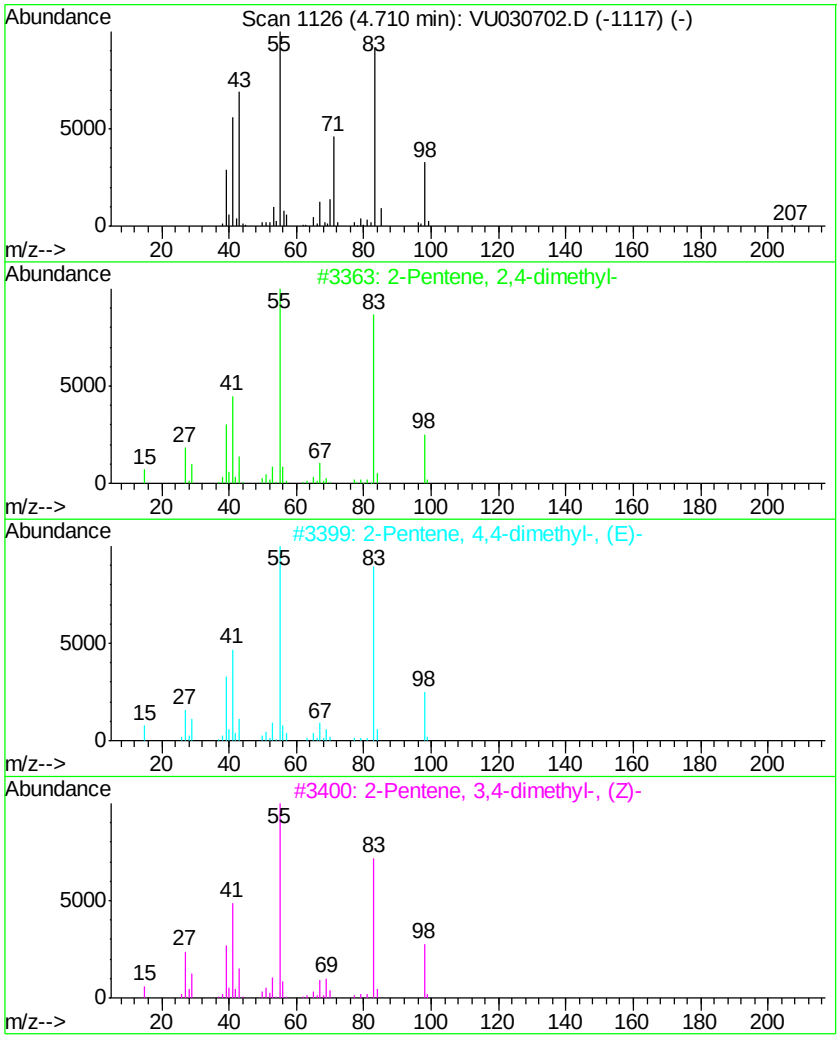
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

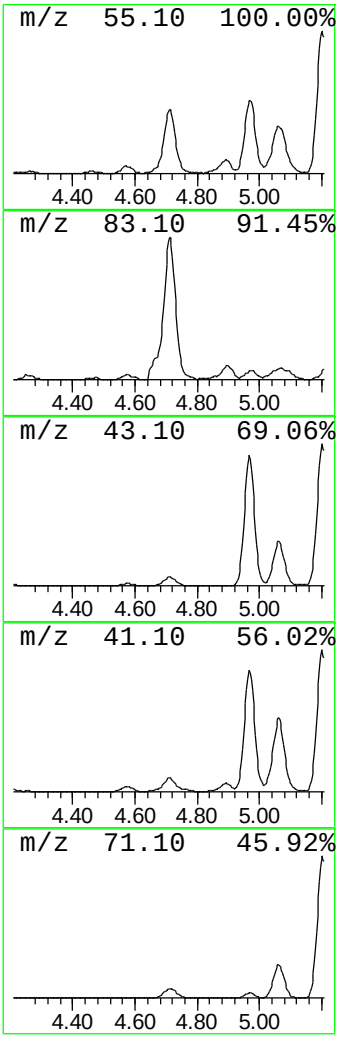
****

Peak Number 6 (DEL) Alkane: Cyclic4.71 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	15.53 ug/L	347818	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	70
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	62
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	62
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	62
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

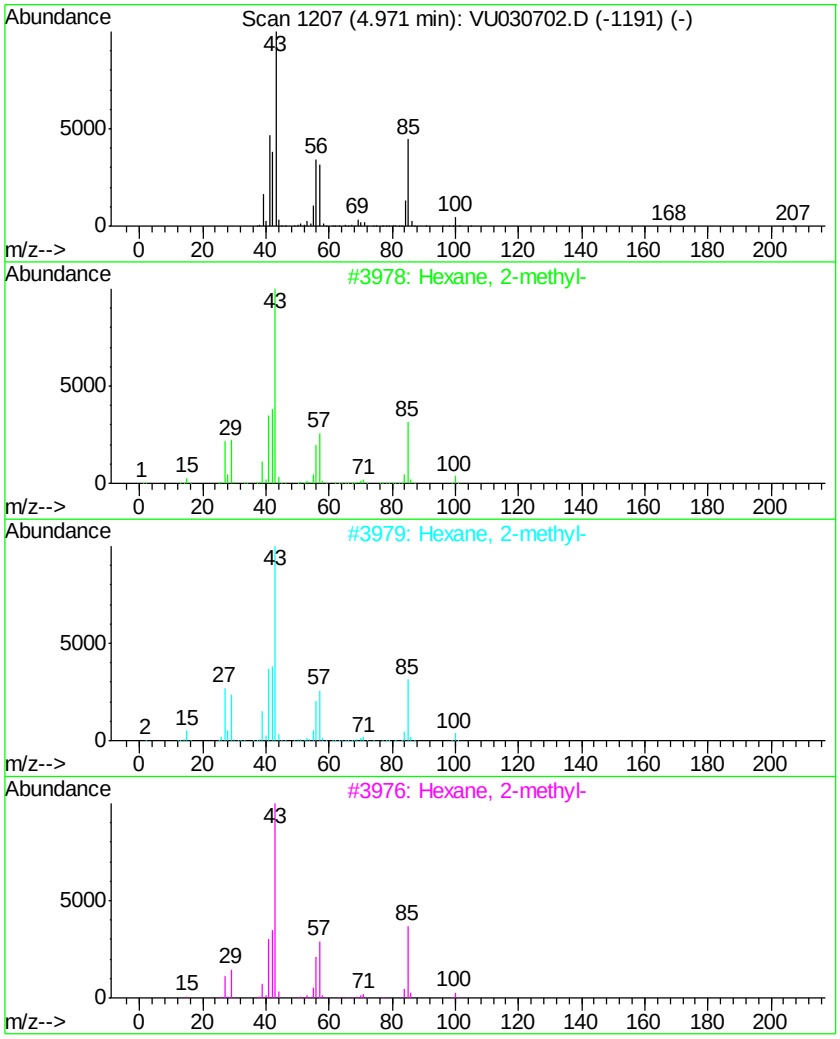
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

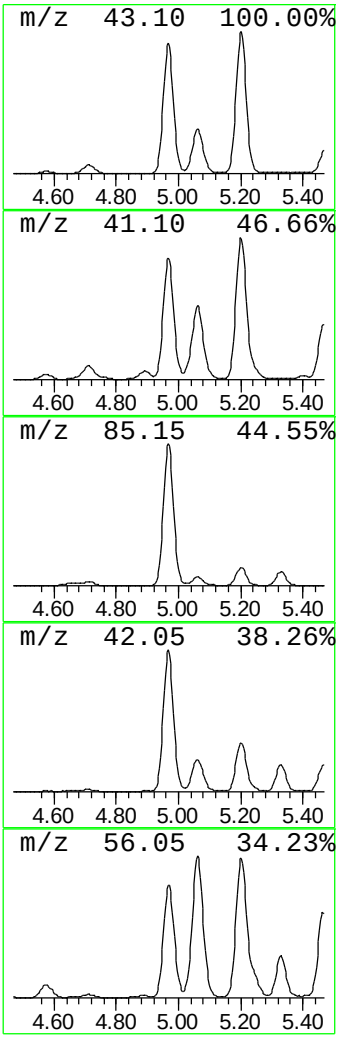
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	151.25 ug/L	3388390	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	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47





Library Search Compound Report

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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

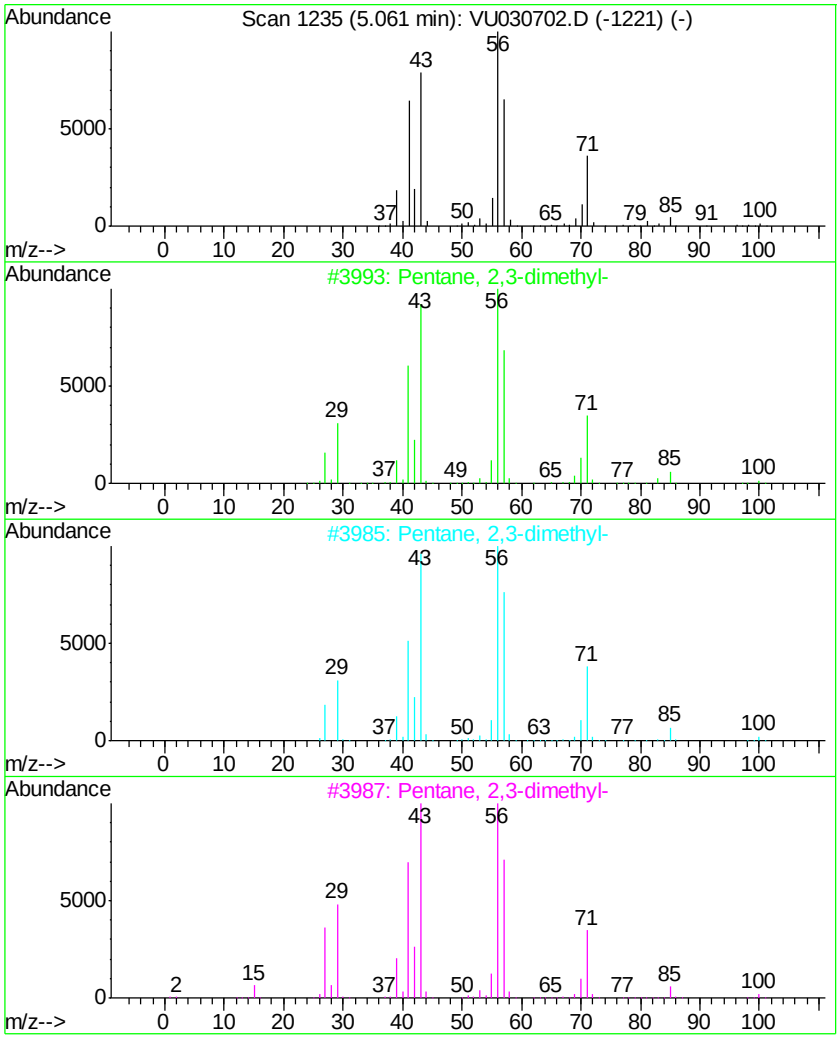
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

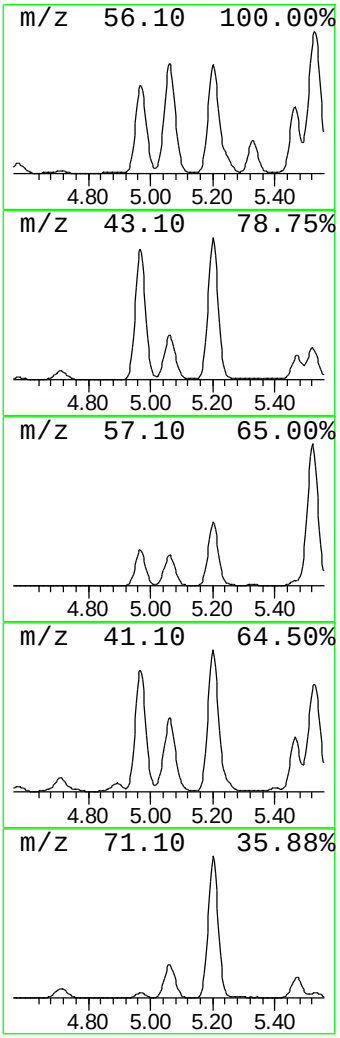
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	90.46 ug/L	2026650	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	68
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

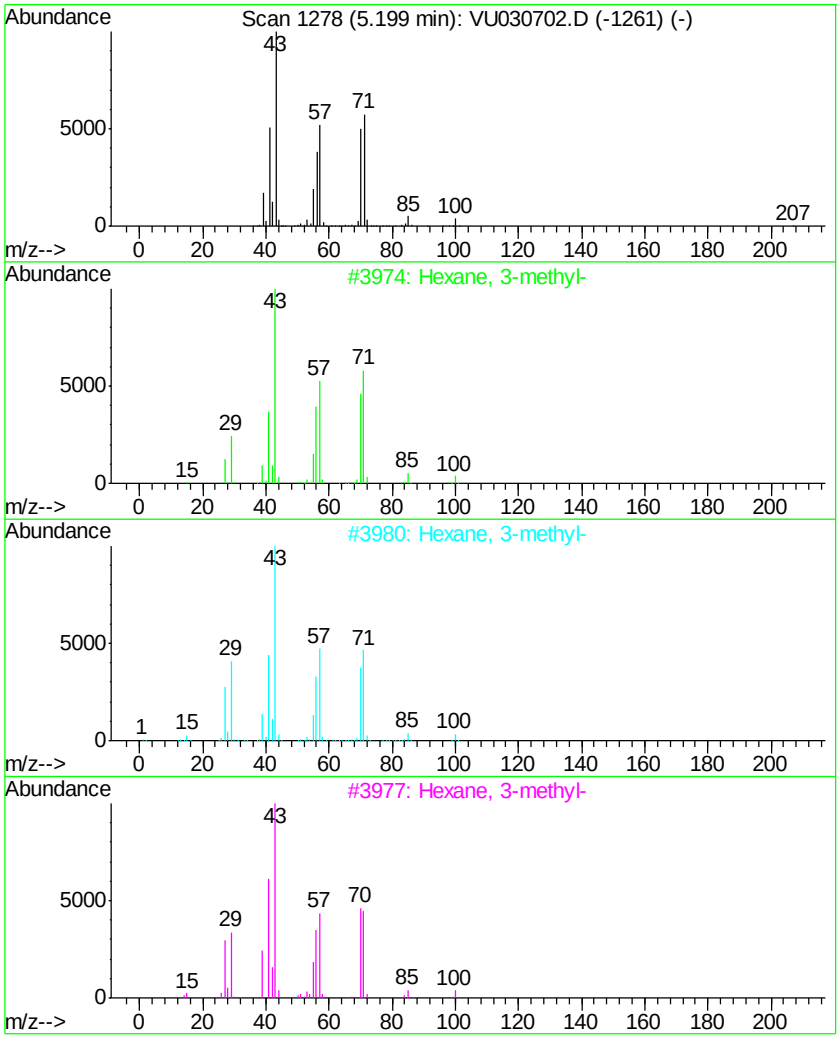
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

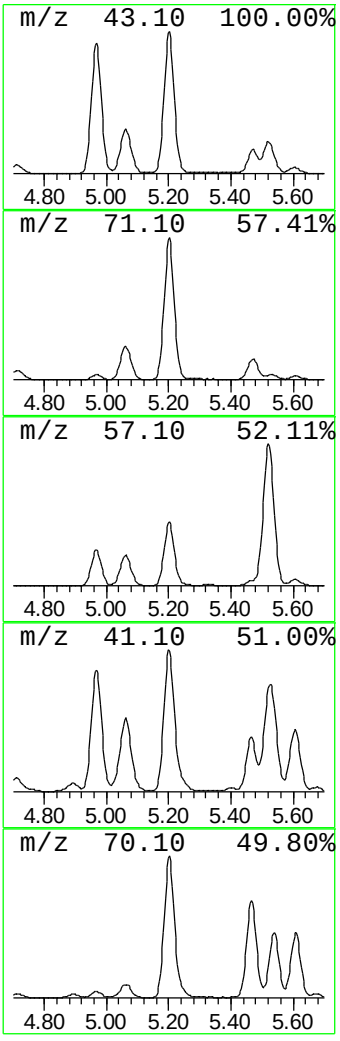
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	201.49 ug/L	4514080	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	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	81
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64





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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

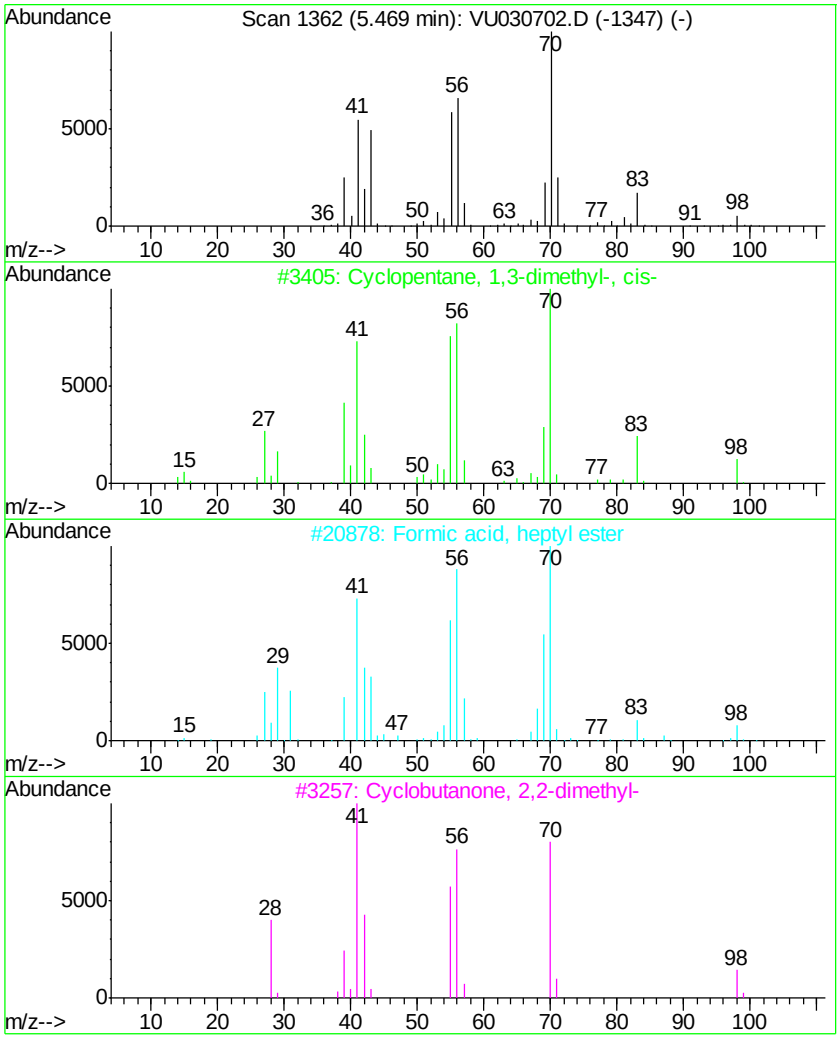
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

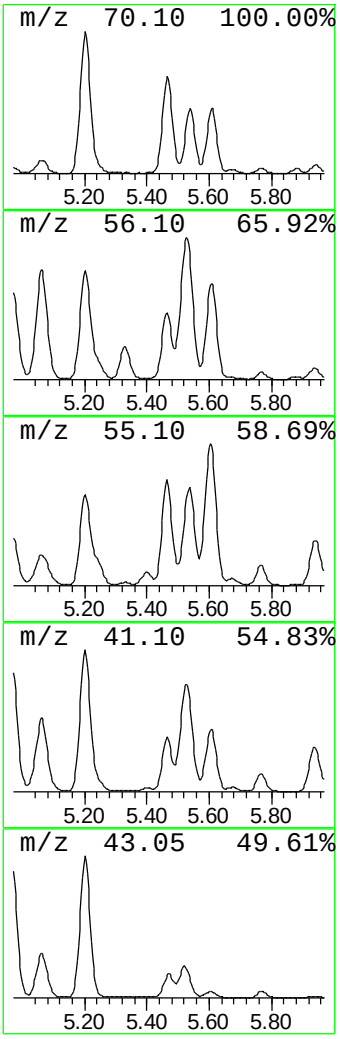
****

Peak Number 10 (DEL) Alkane: Cyclic5.47 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	73.57 ug/L	1648310	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
2	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	64
3	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	64
4	1-Heptanol	116	C7H16O	000111-70-6	64
5	Isopropylcyclobutane	98	C7H14	000872-56-0	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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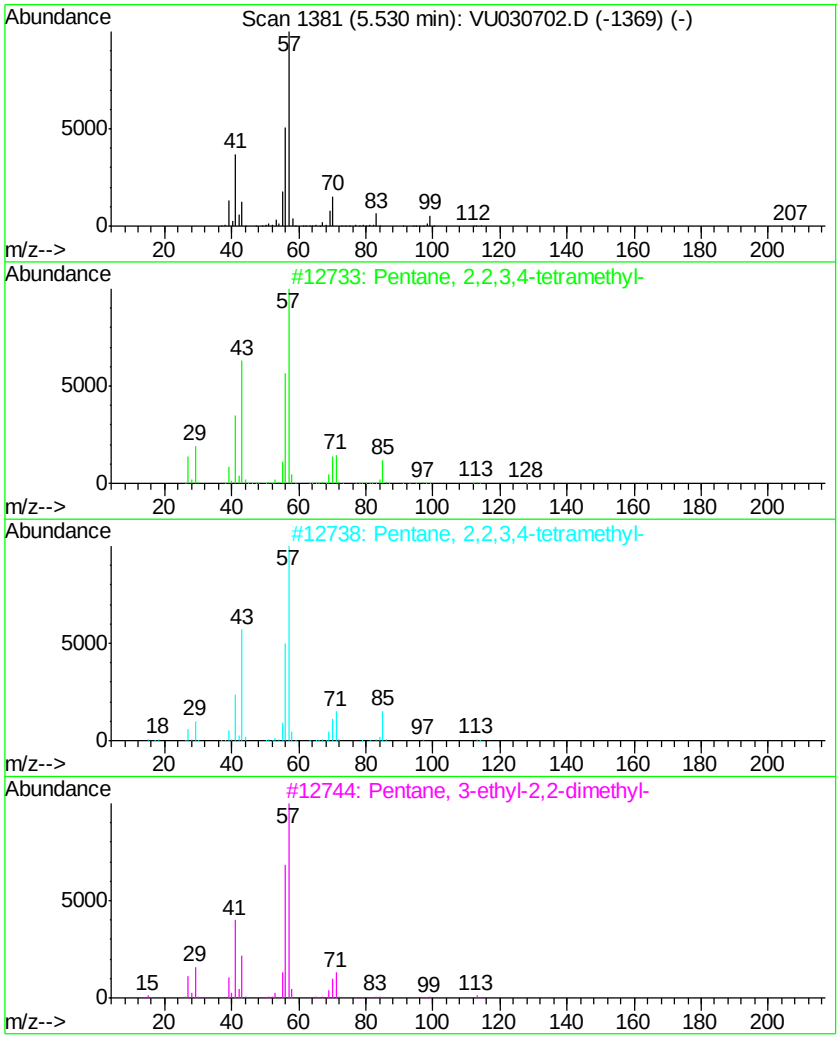
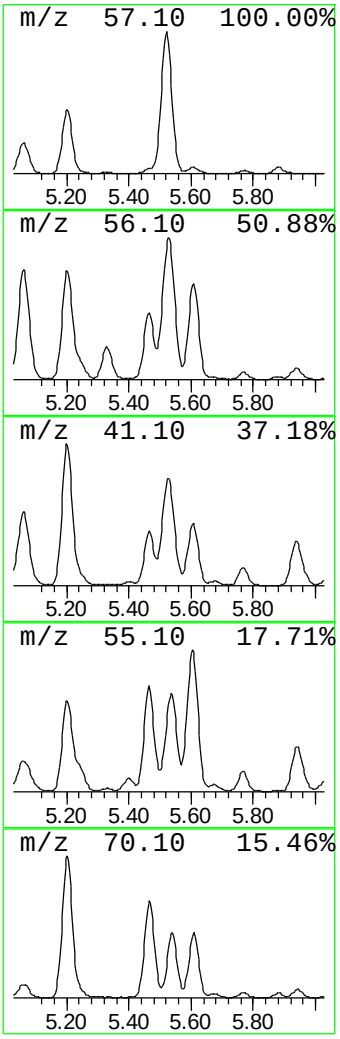
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	157.72 ug/L	3533520	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
4	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	53





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Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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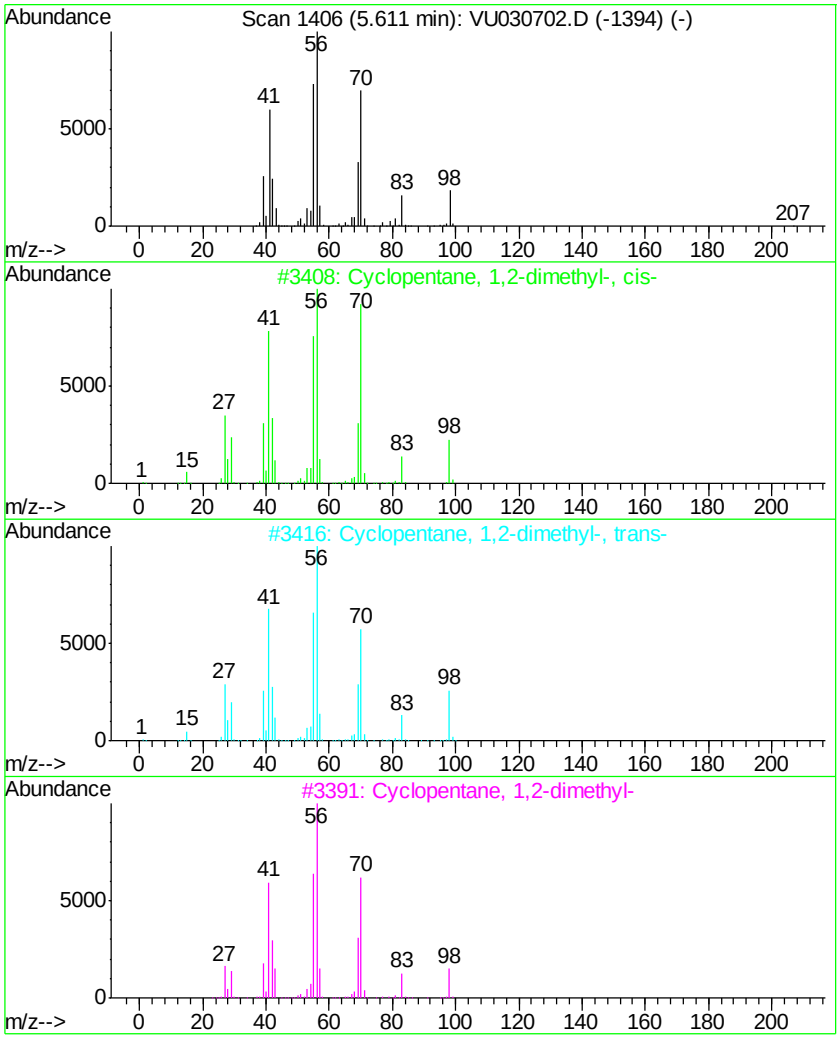
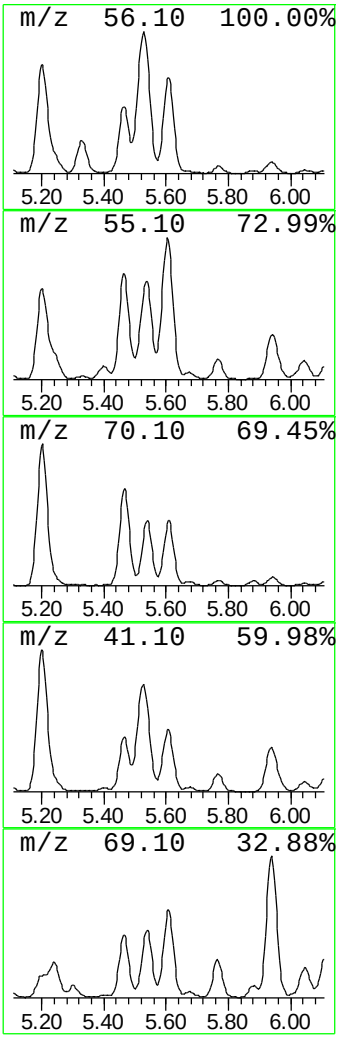
Peak Number 12 (DEL) Alkane: Cyclic5.61 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	80.50 ug/L	1803500	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	1-Heptene	98	C7H14	000592-76-7	90
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87





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Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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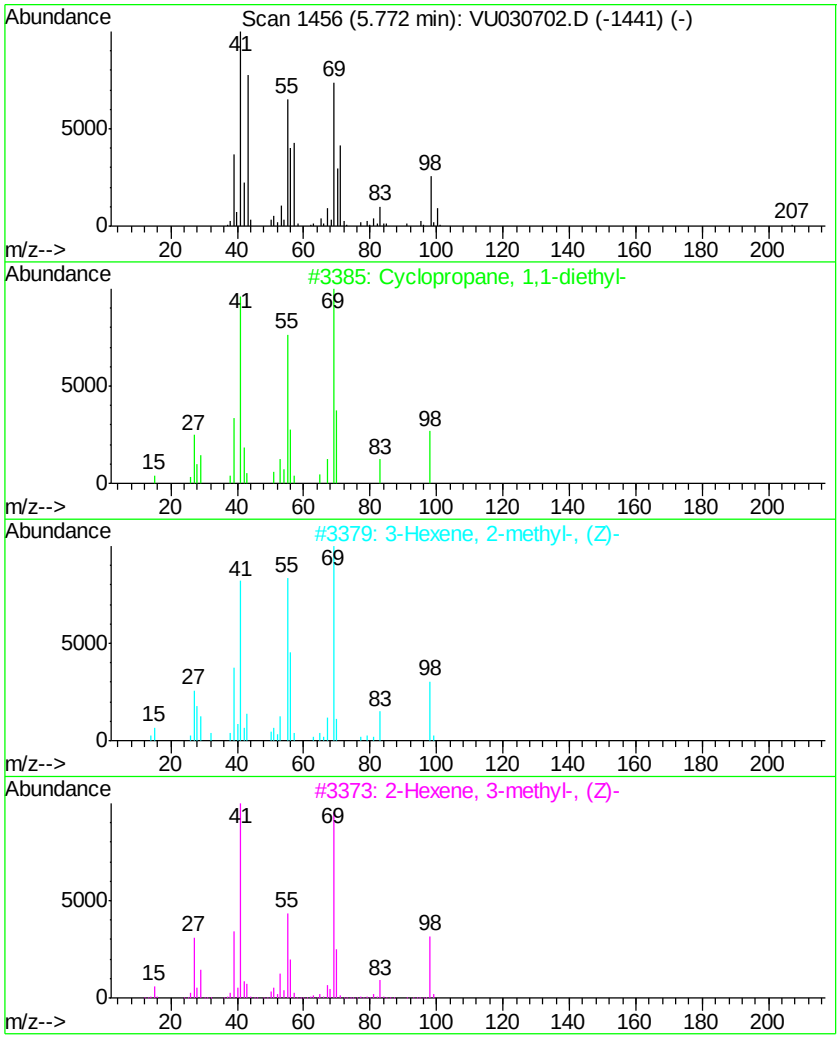
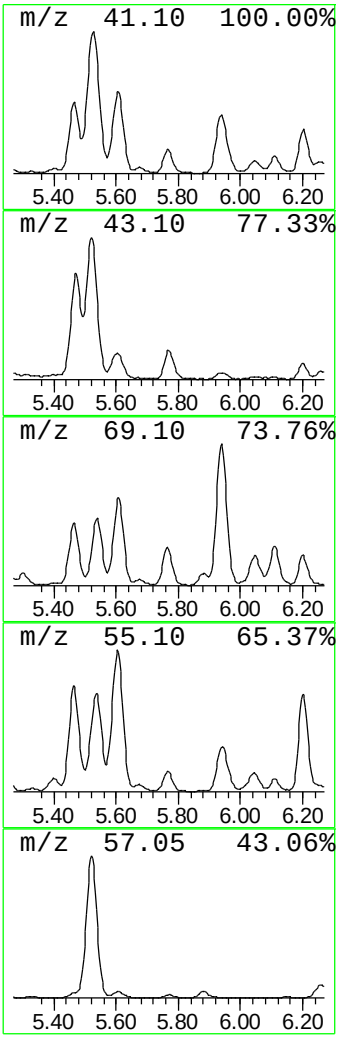
Peak Number 13 (DEL) Alkane: Cyclic5.77 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	16.83 ug/L	376967	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	70
2	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	60
3	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	60
4	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	60
5	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	58





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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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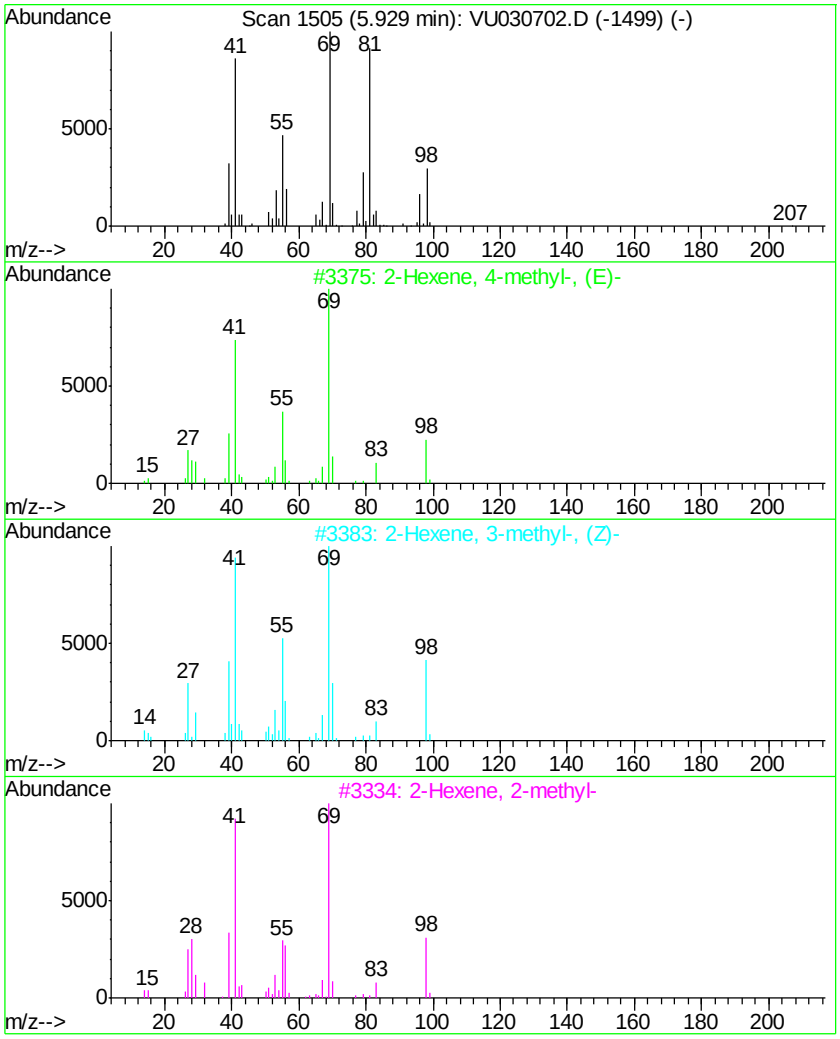
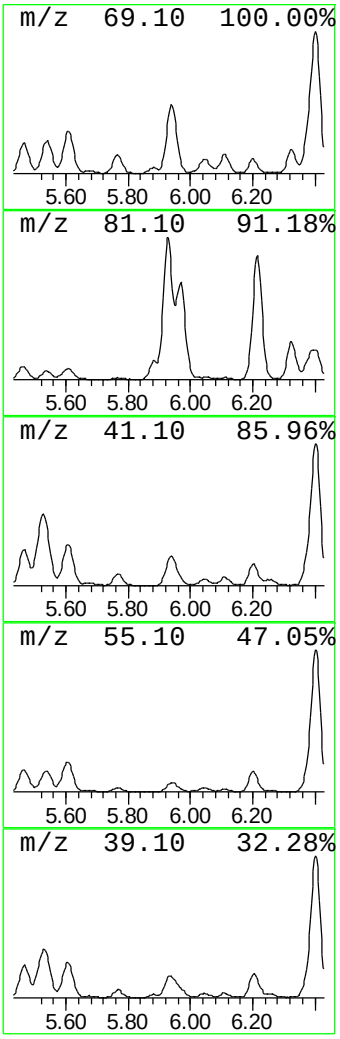
Peak Number 14 (DEL) Alkane: Cyclic5.93 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	59.40 ug/L	1330740	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	74
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	70
3	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	70
4	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	70
5	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	68





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Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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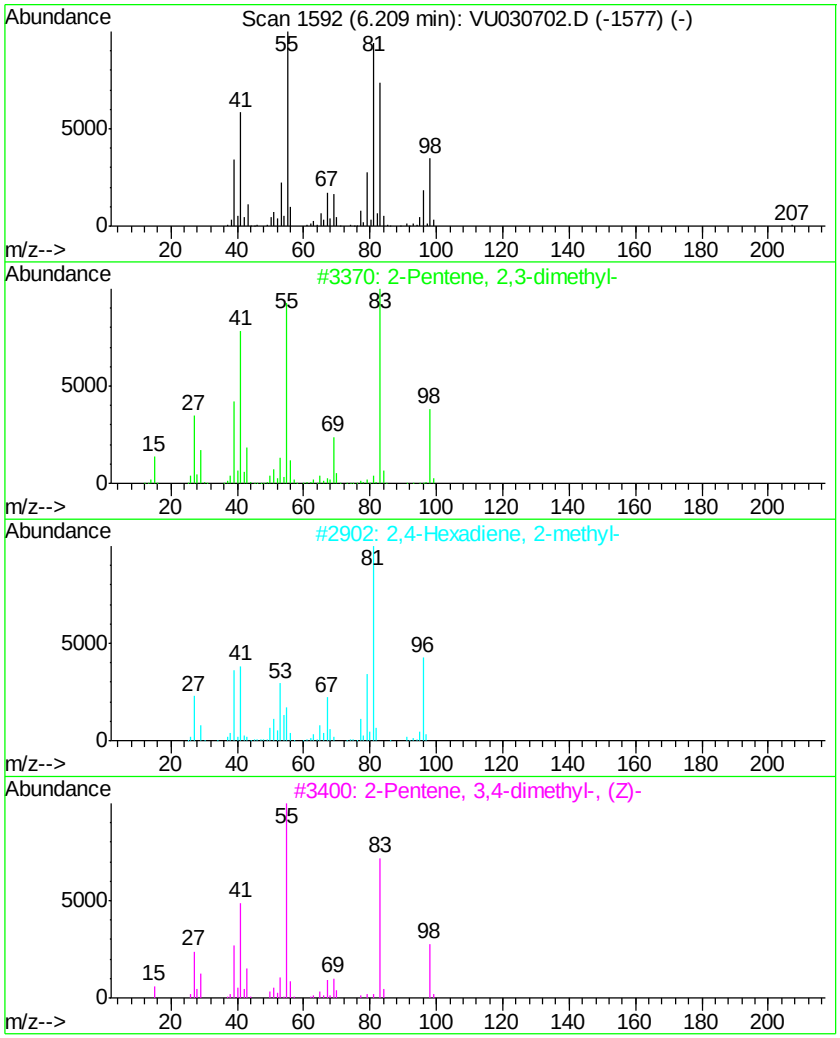
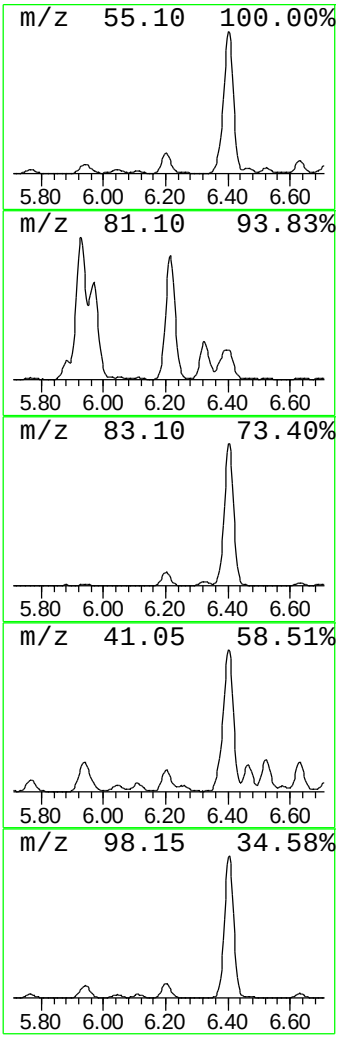
Peak Number 15 (DEL) Alkane: Cyclic6.21 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	48.79 ug/L	1093140	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	55
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	50
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	50
4	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	50
5	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

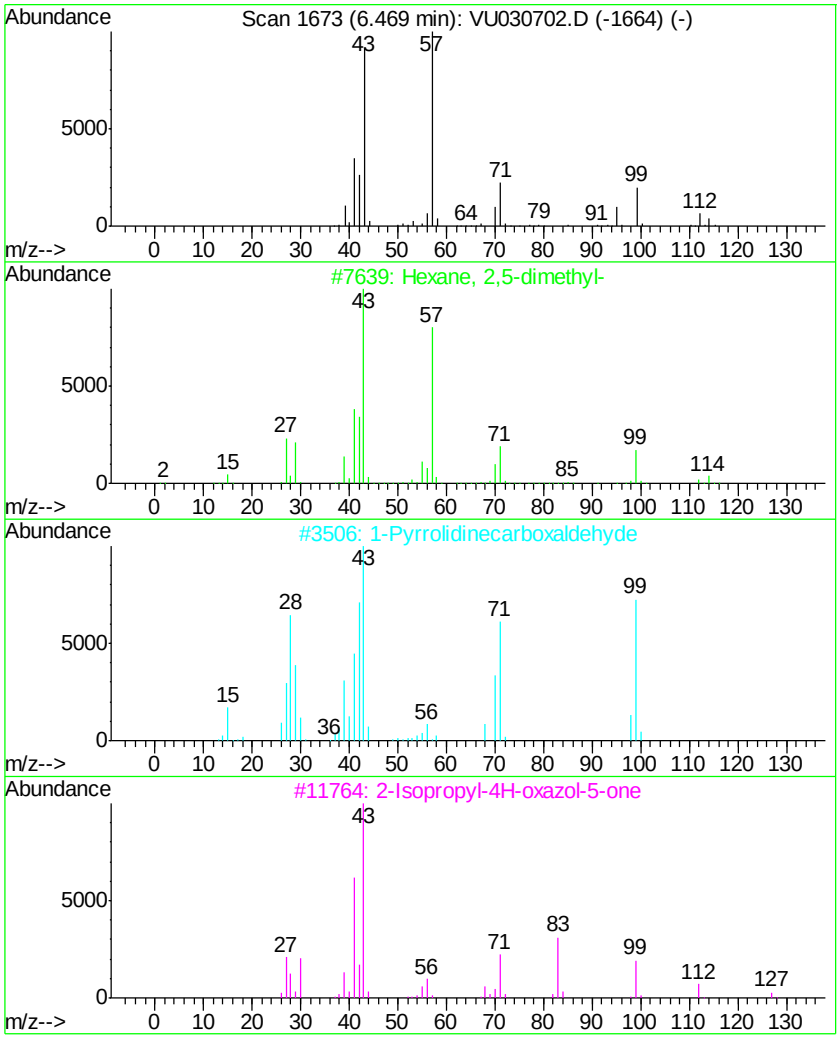
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

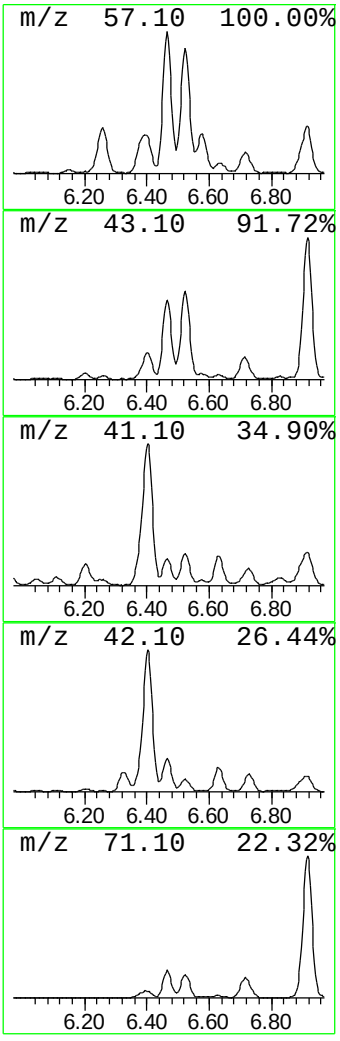
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	46.22 ug/L	1035560	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	47
3	2-Isopropyl-4H-oxazol-5-one	127	C6H9NO2	1000190-01-9	47
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	43
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

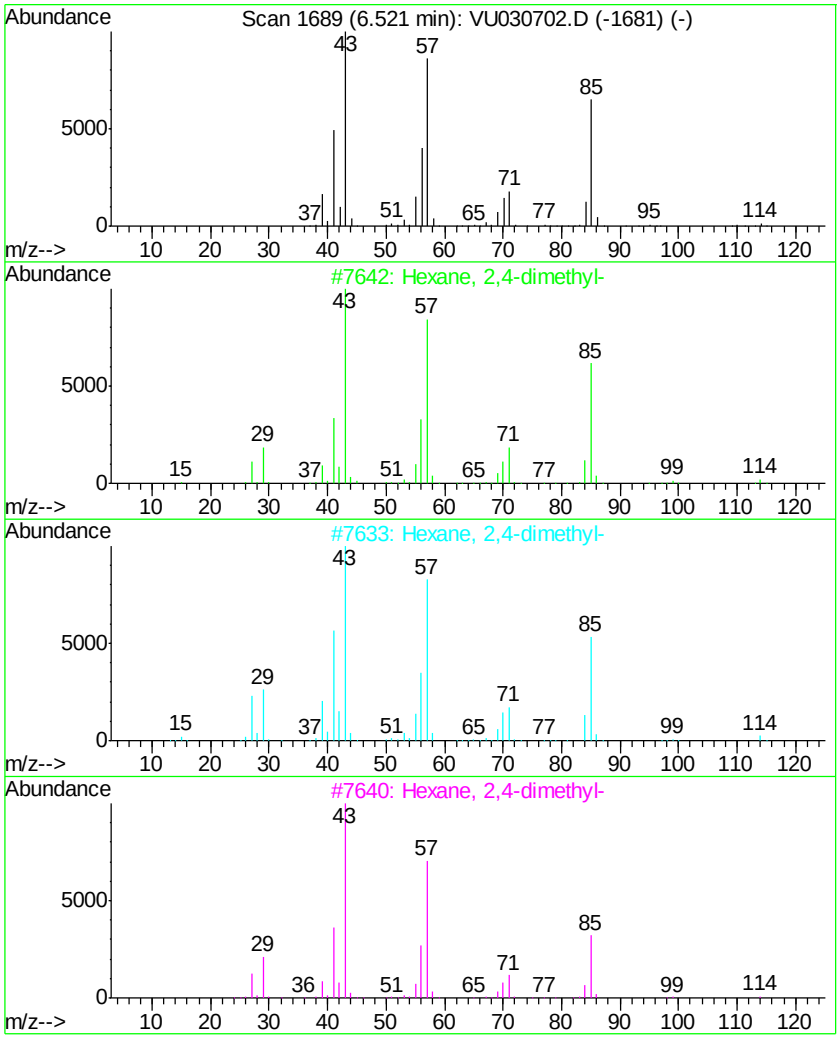
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

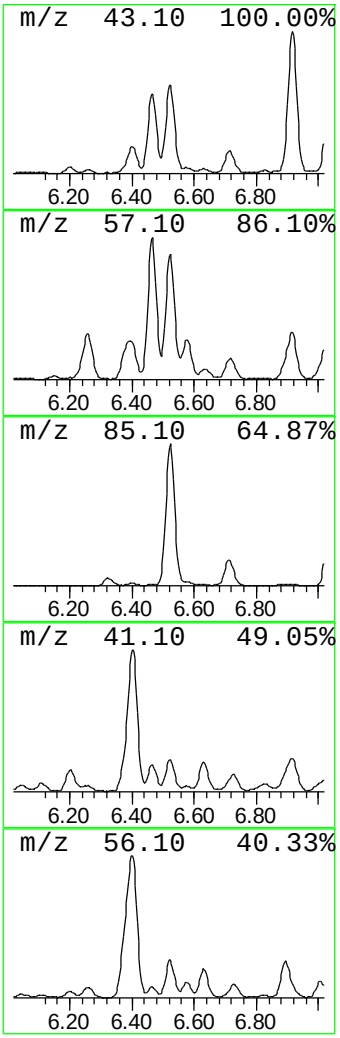
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	51.82 ug/L	1161000	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	95
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

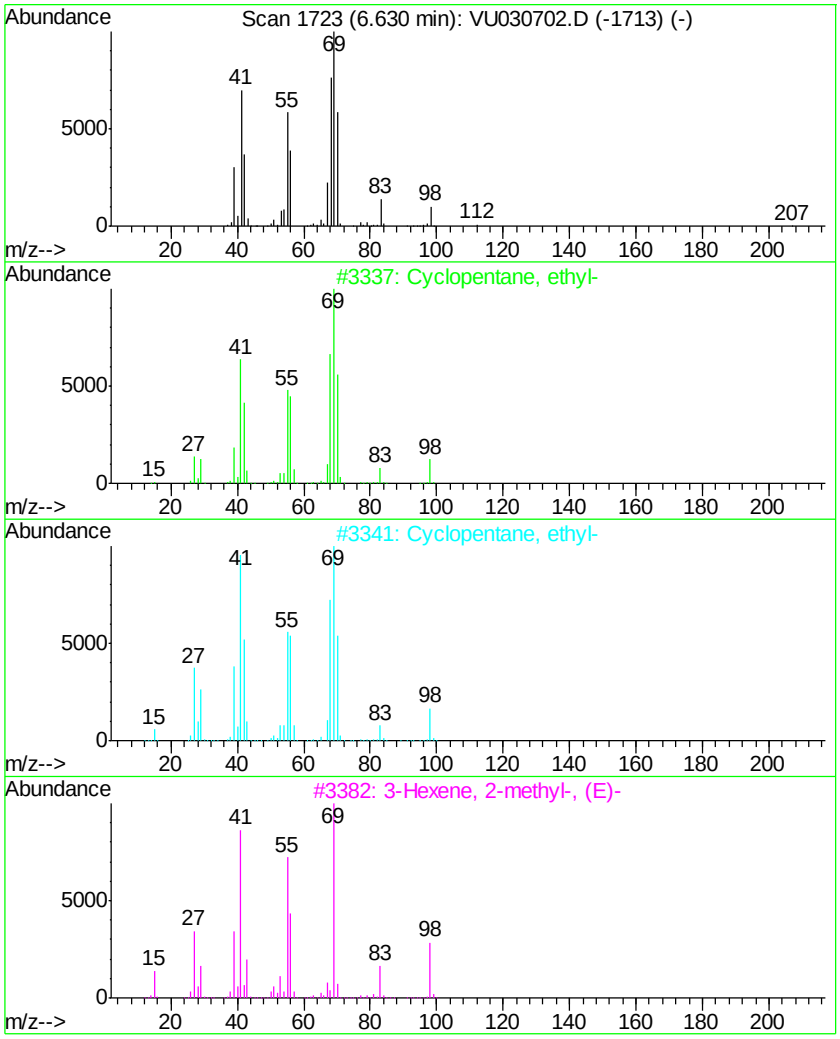
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

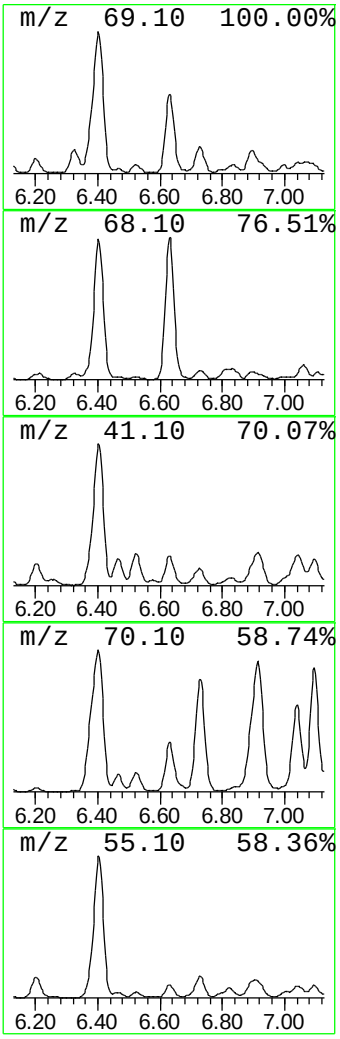
****

Peak Number 18 (DEL) Alkane: Cyclic6.63 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	42.52 ug/L	952511	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	87
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43
5	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

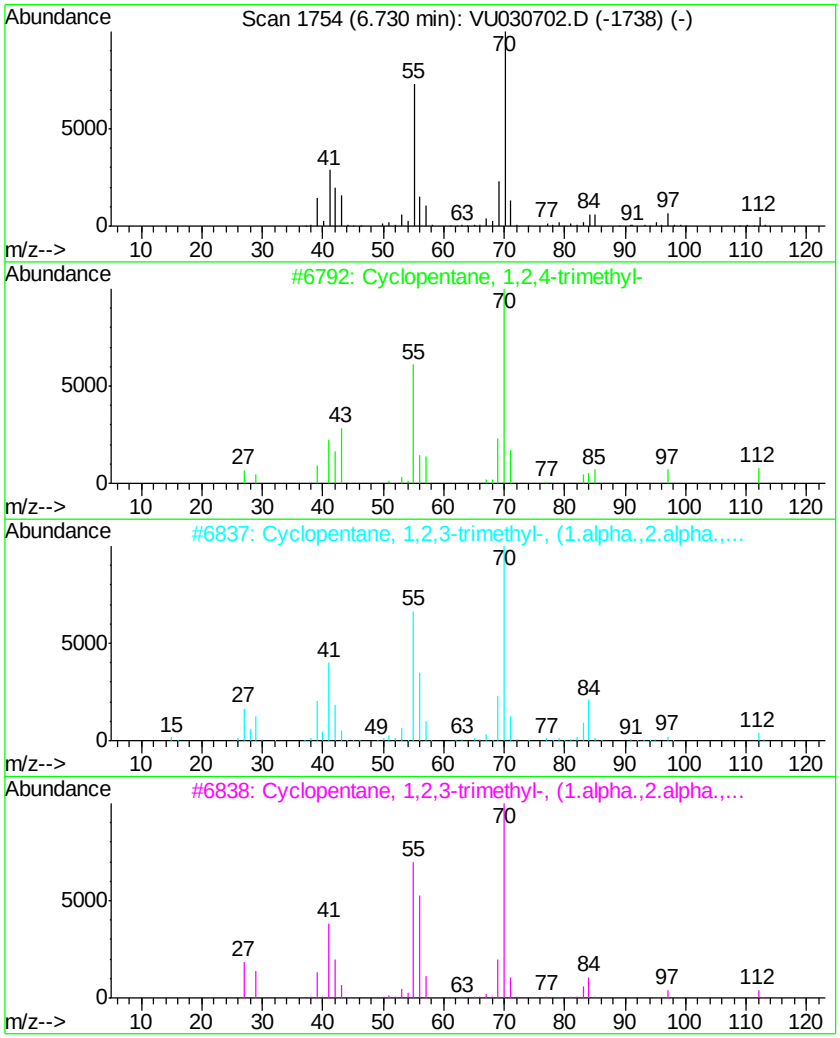
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

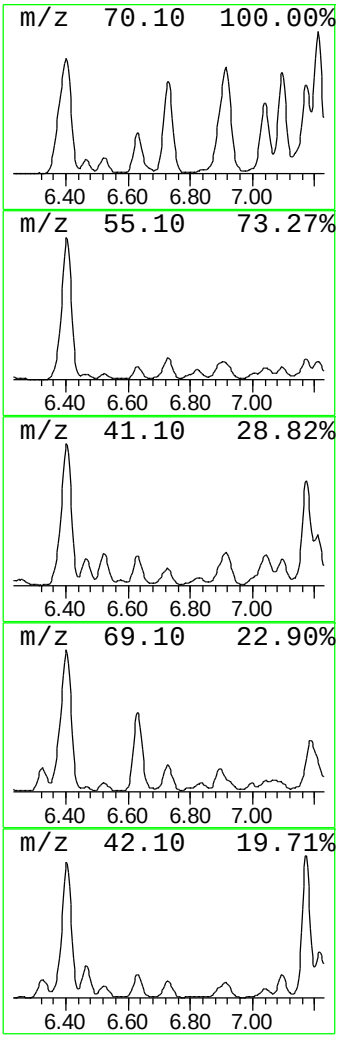
****

Peak Number 19 (DEL) Alkane: Cyclic6.73 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	48.24 ug/L	1080770	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	83
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78
5	Undecane, 3-methylene-	168	C12H24	071138-64-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

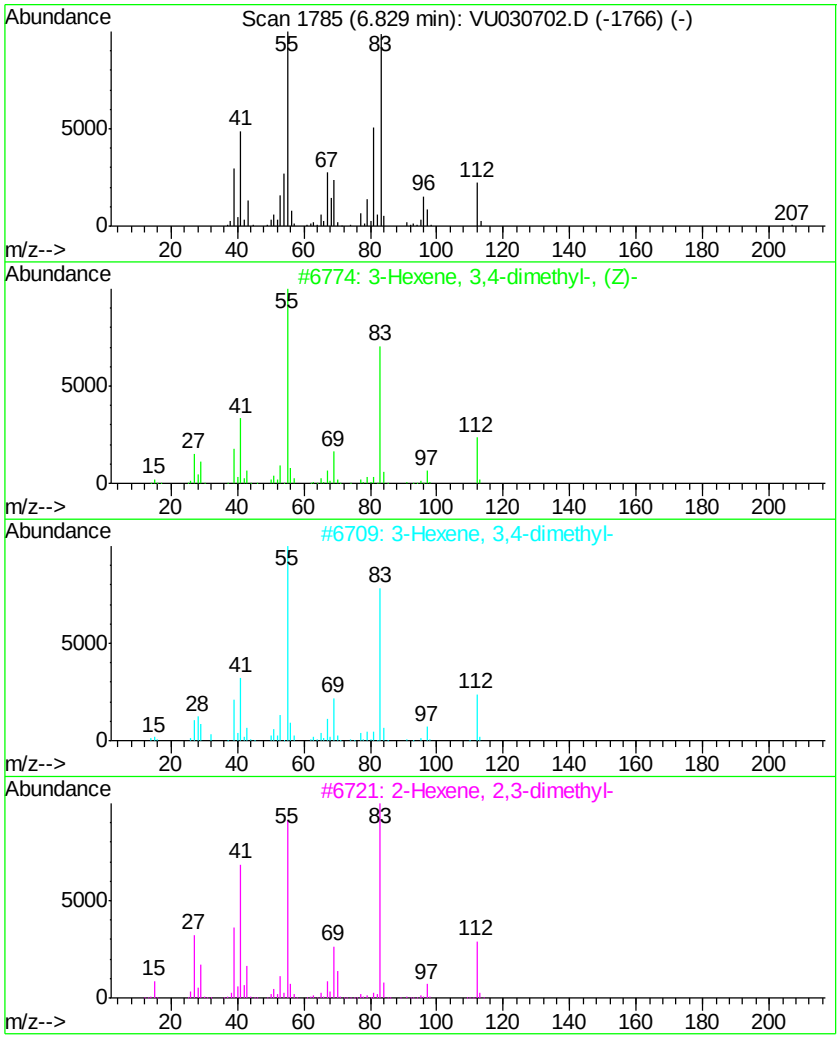
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

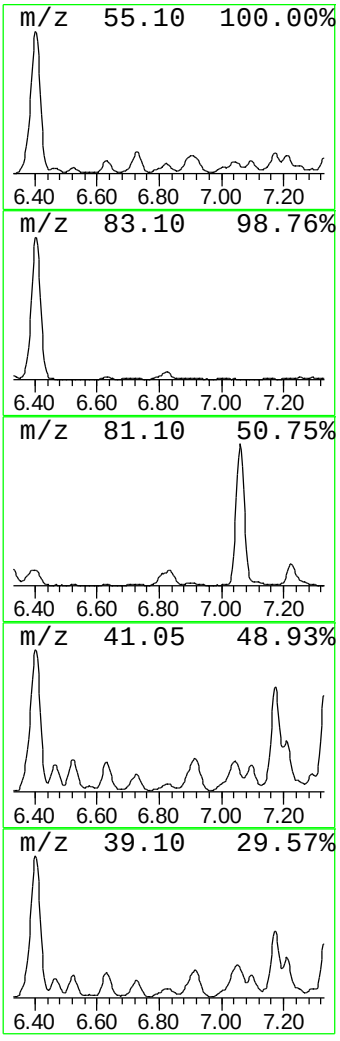
****

Peak Number 20 (DEL) Alkane: Cyclic6.83 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	25.04 ug/L	560904	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	70
2	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	68
3	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	64
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	58
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	58





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Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

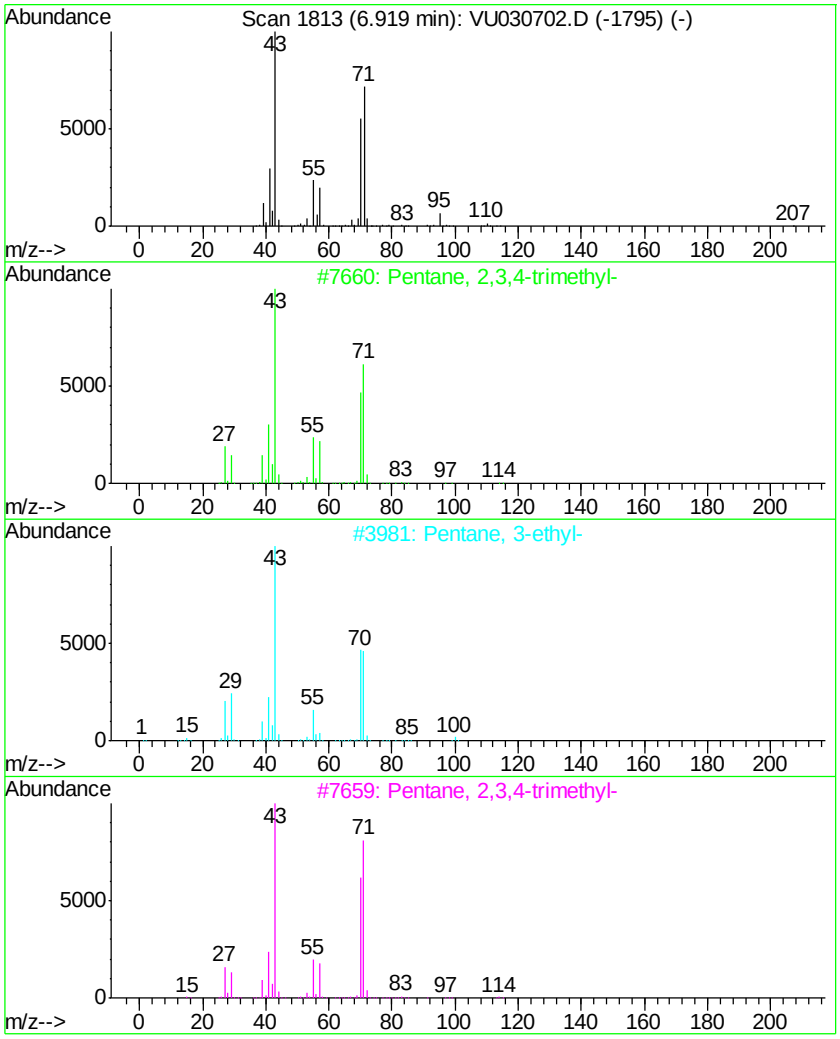
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

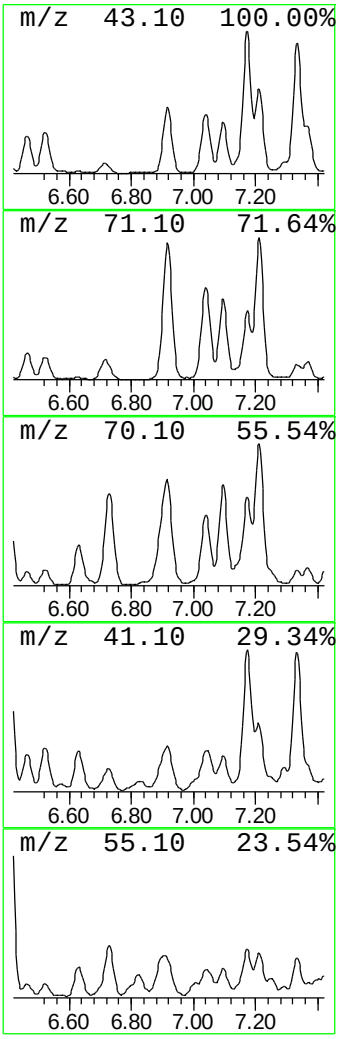
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	104.66 ug/L	2344780	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	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

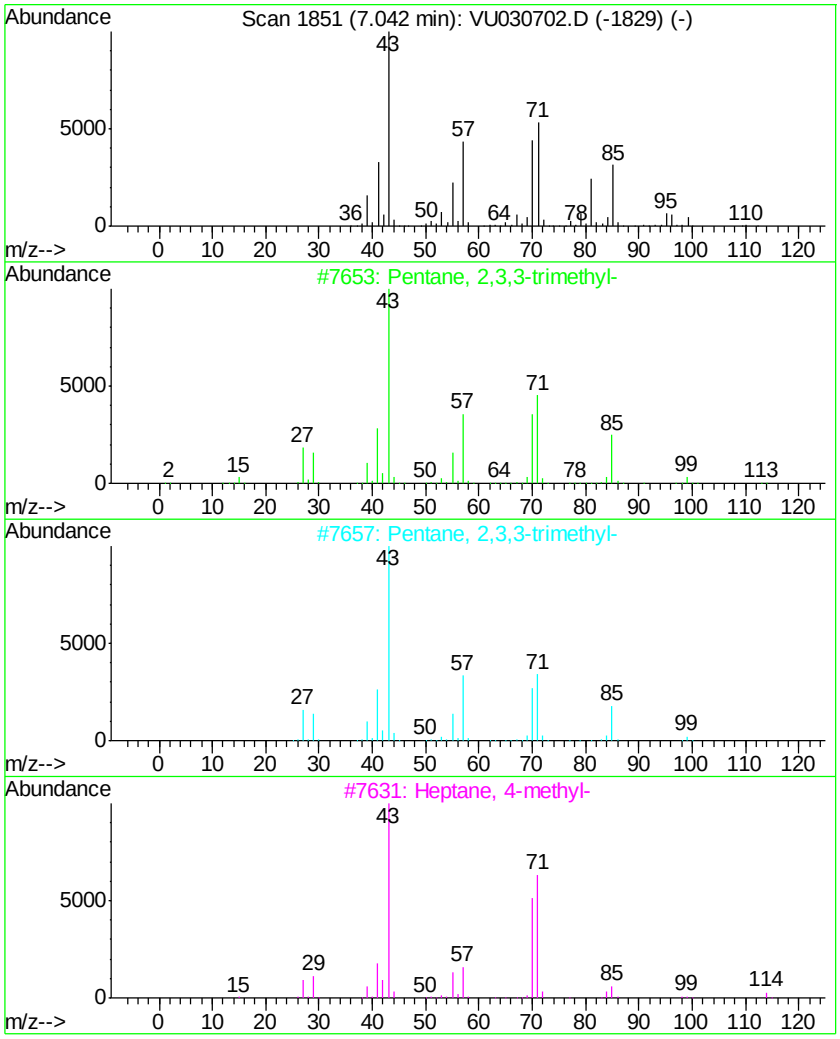
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

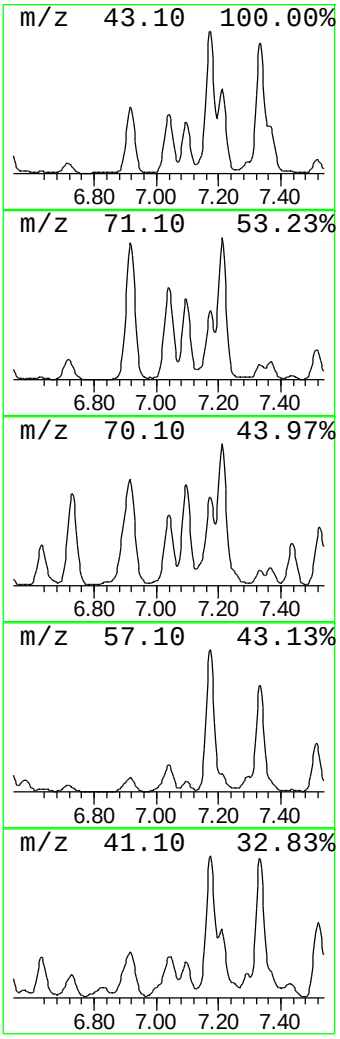
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	122.94 ug/L	2754190	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	64
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

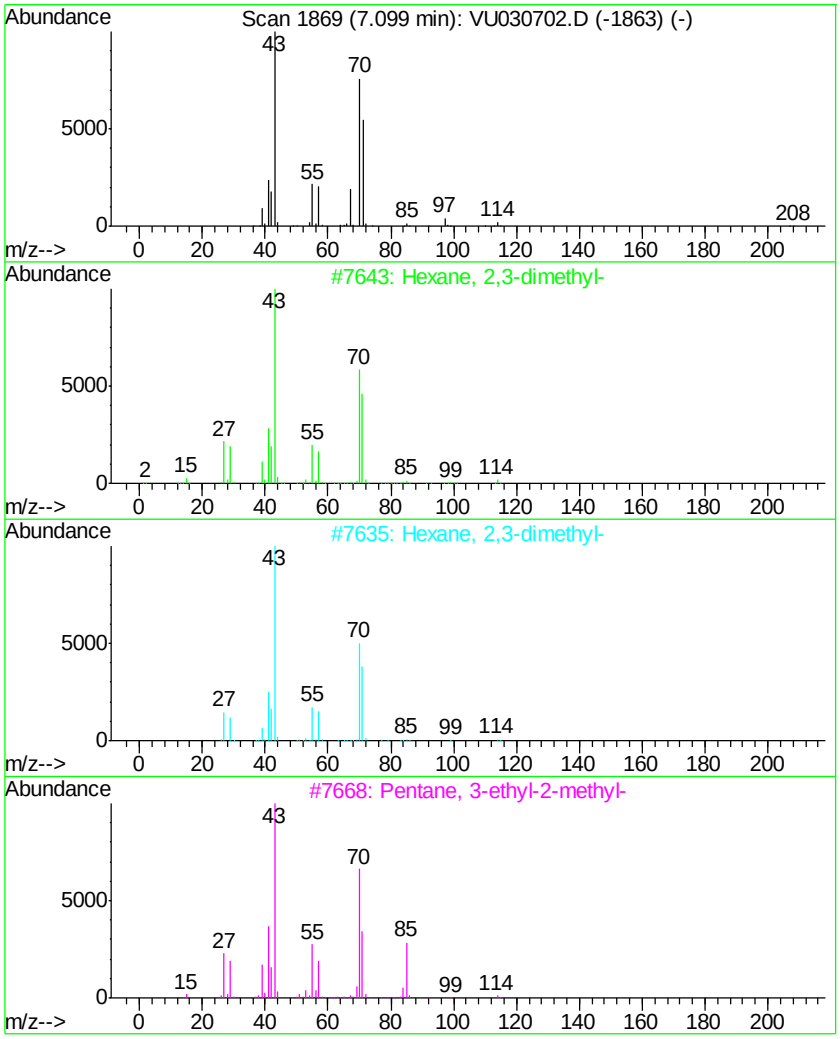
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

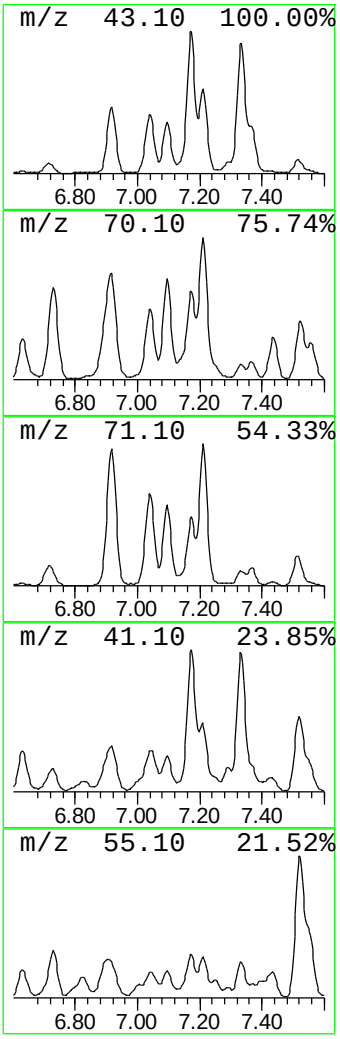
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	41.64 ug/L	932765	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	86
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	56
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	50





Library Search Compound Report

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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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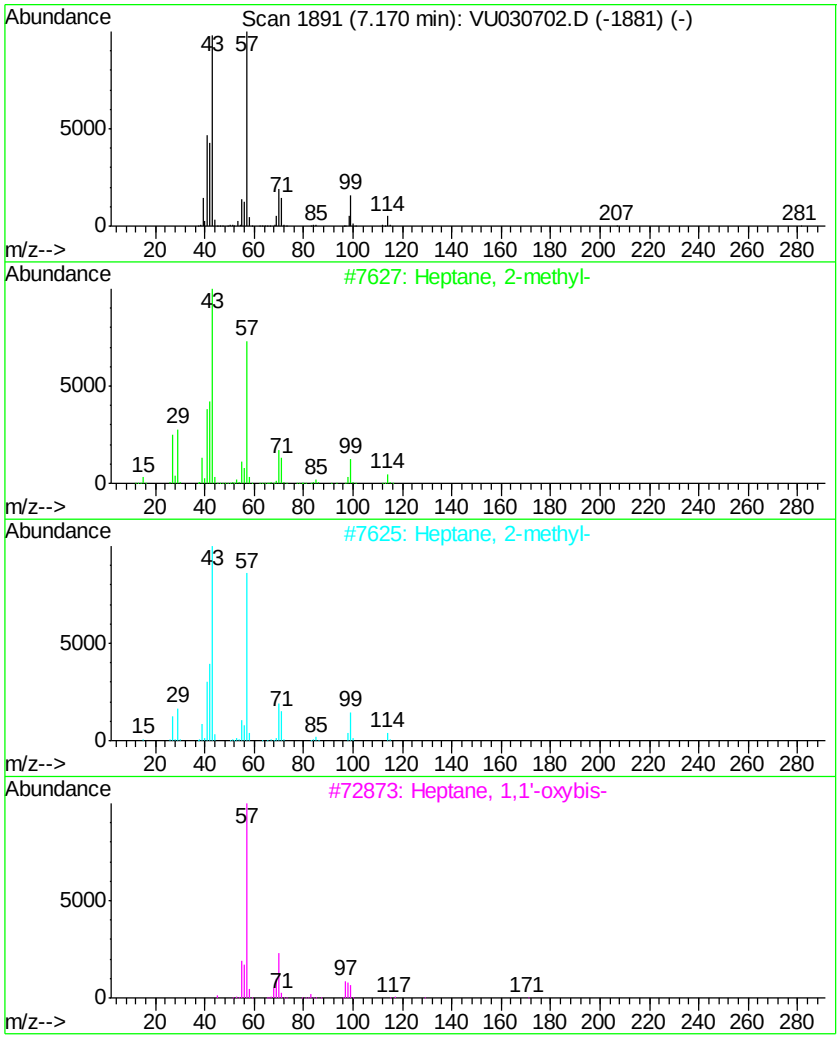
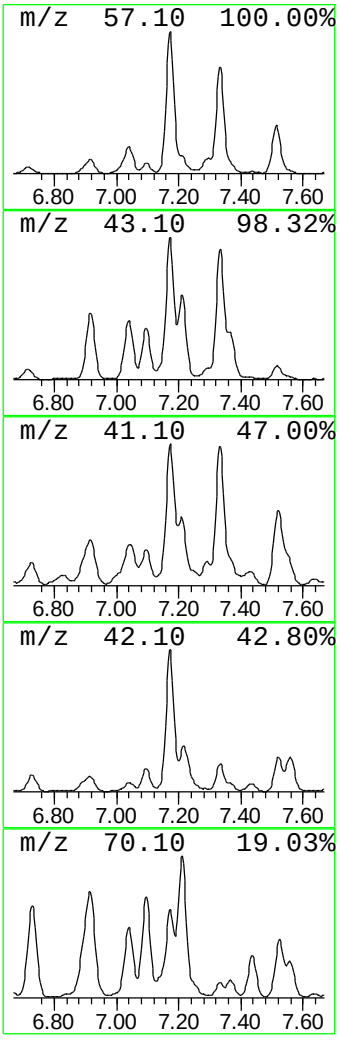
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	164.05 ug/L	3675150	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, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	52
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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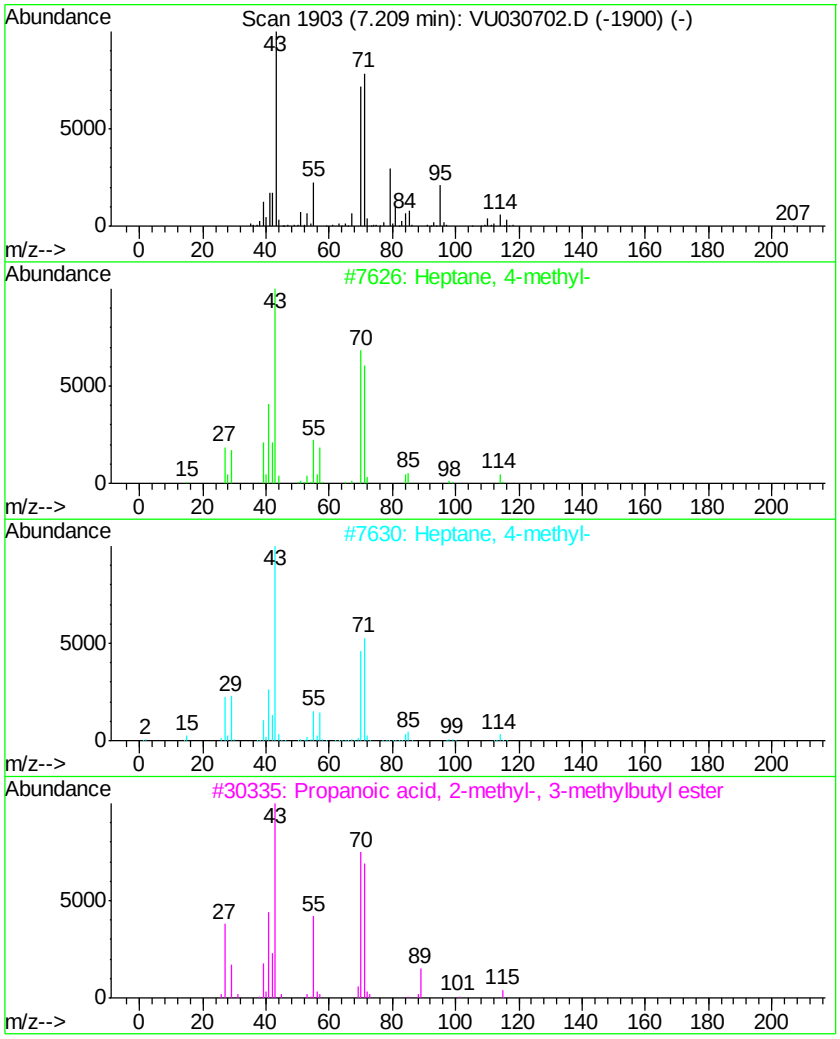
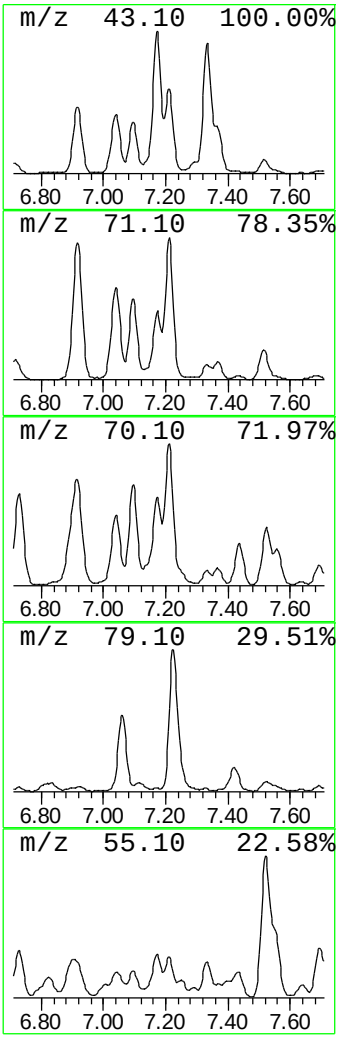
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	92.79 ug/L	2078860	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	70
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	58
3	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	50
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	50





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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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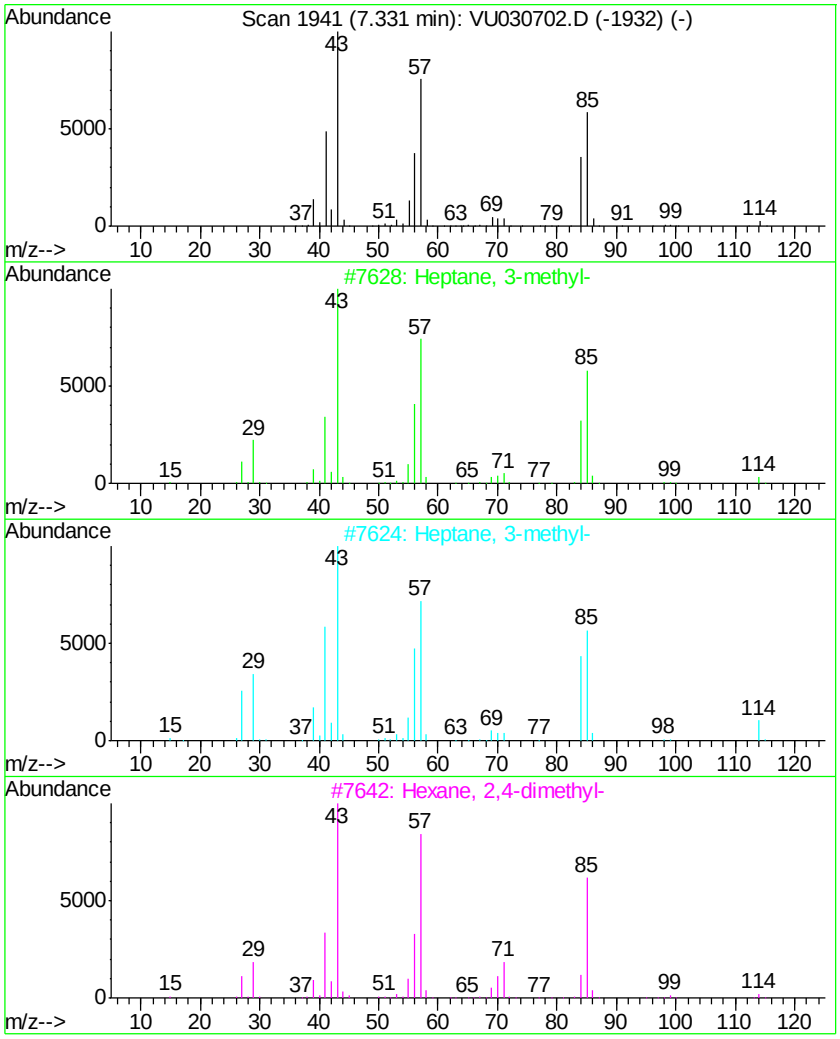
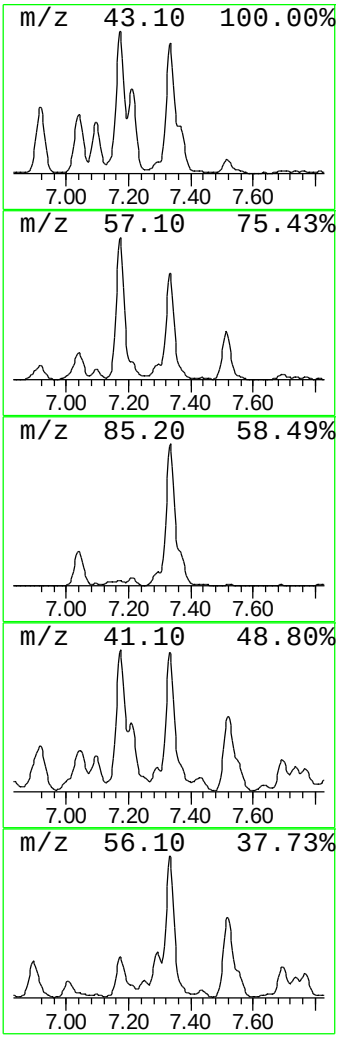
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	160.76 ug/L	3601530	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	90
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	80
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	80
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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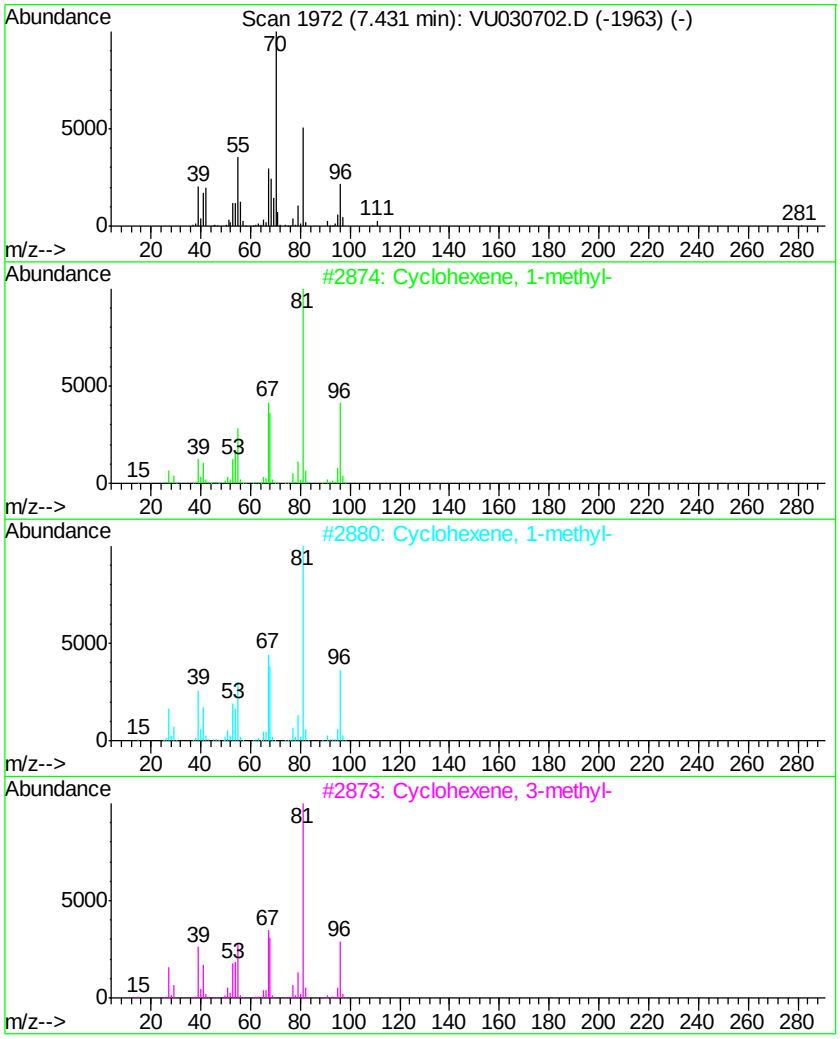
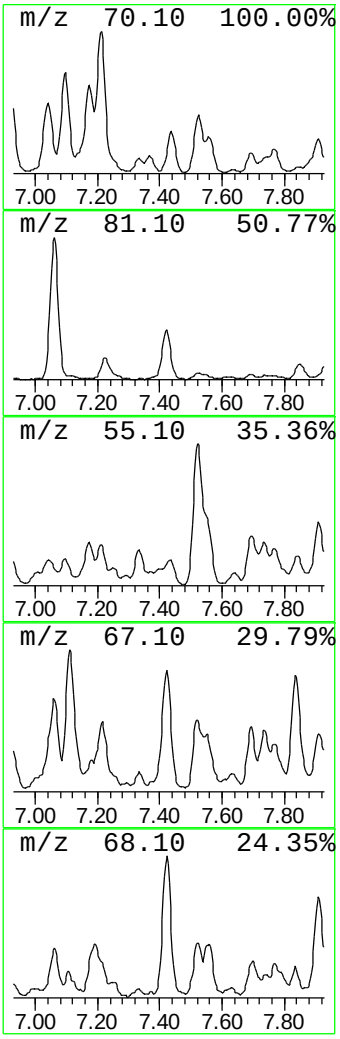
Peak Number 27 (DEL) Alkane: Cyclic7.43 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	39.11 ug/L	876295	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	60
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	55
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	55
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

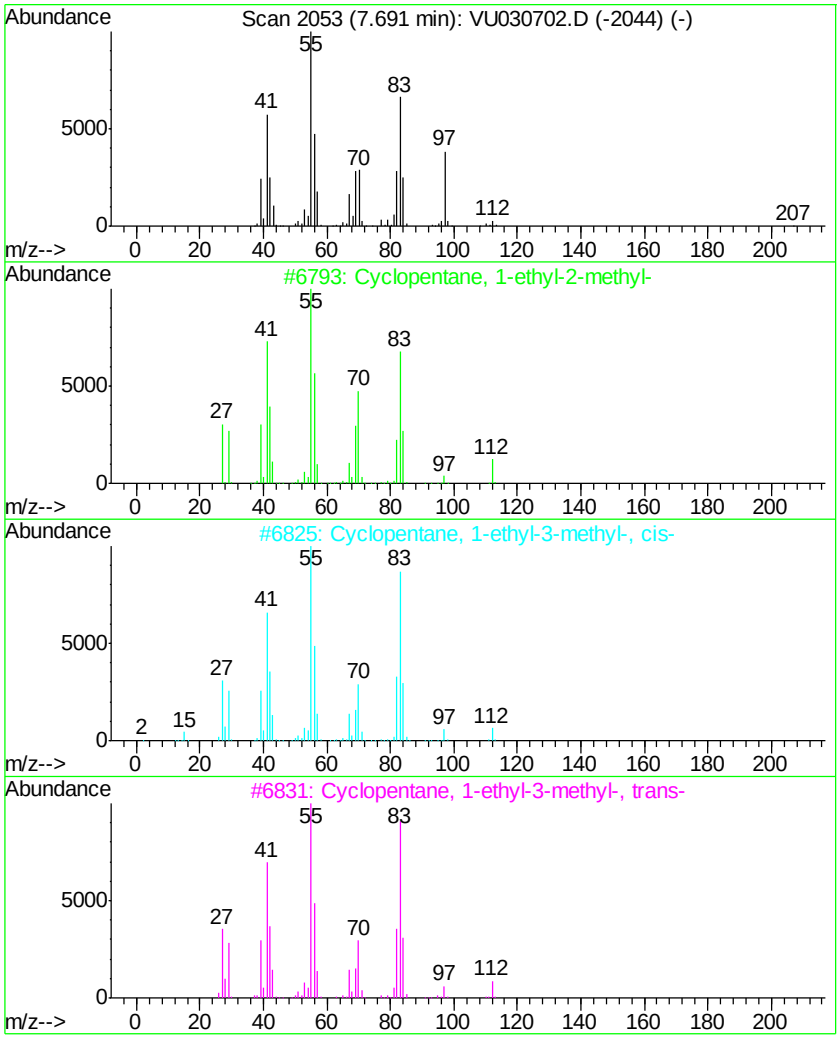
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

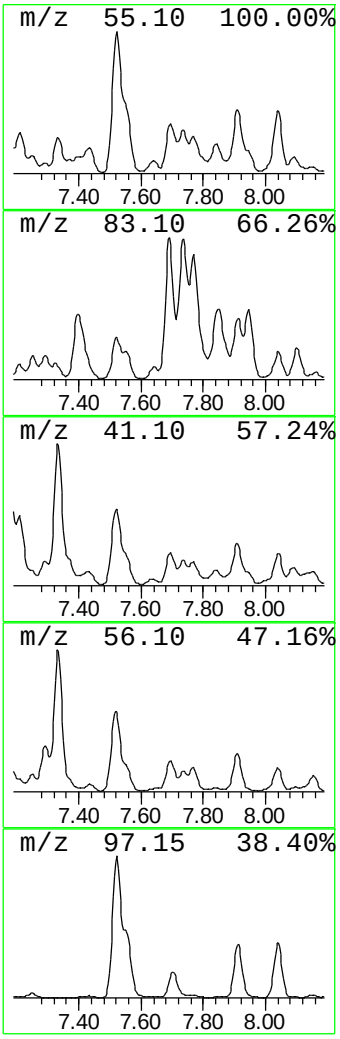
****

Peak Number 28 (DEL) Alkane: Cyclic7.69 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	36.61 ug/L	962297	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	68
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	64
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	64
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
5	7-Oxabicyclo[4.1.0]heptane, 3-me...	112	C7H12O	036099-51-1	38





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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

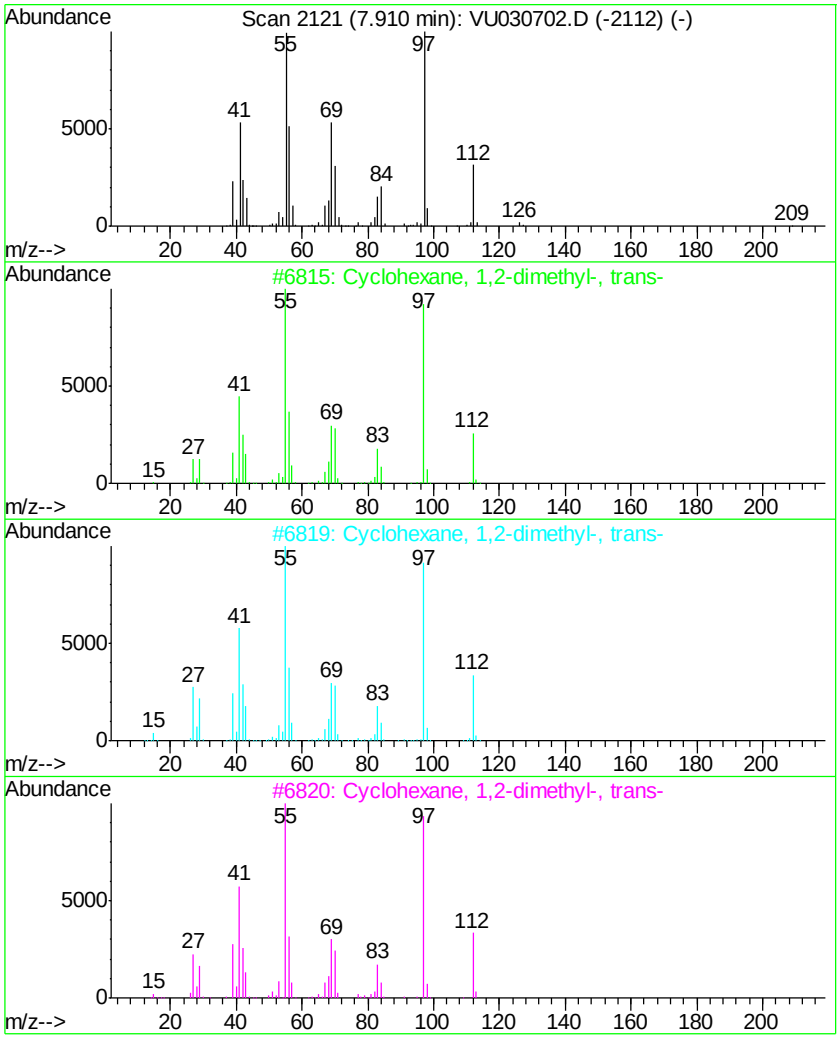
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

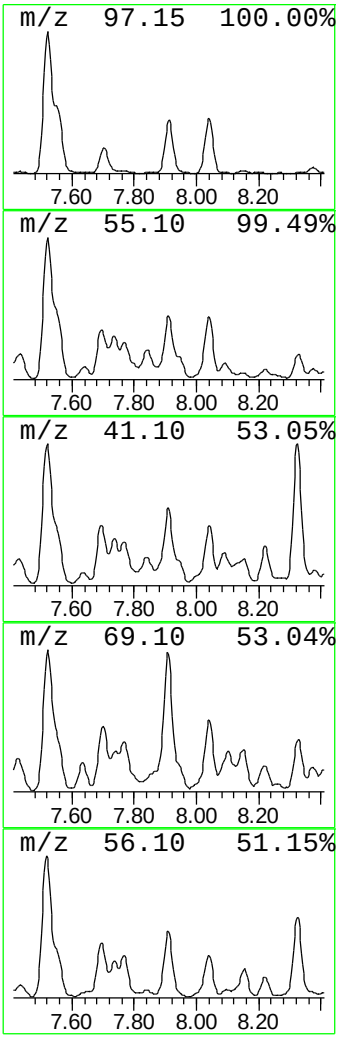
****

Peak Number 29 (DEL) Alkane: Cyclic7.91 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	61.51 ug/L	1616840	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-, trans-	112	C8H16	006876-23-9	81
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

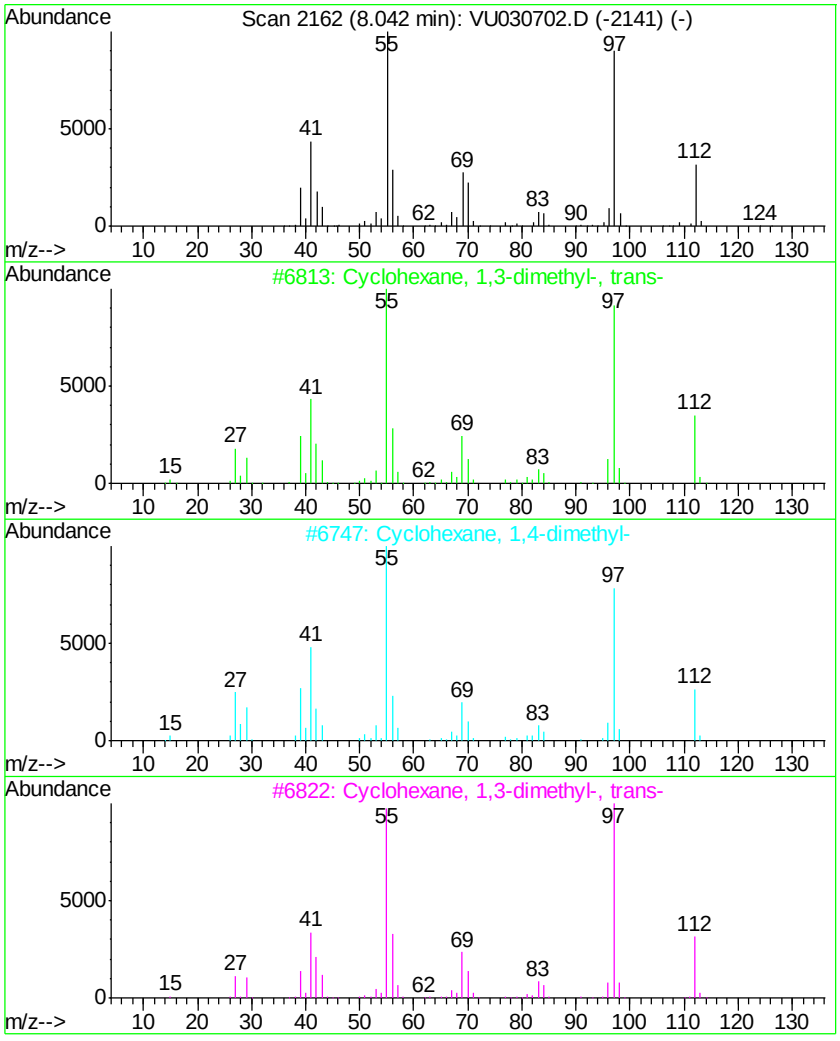
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

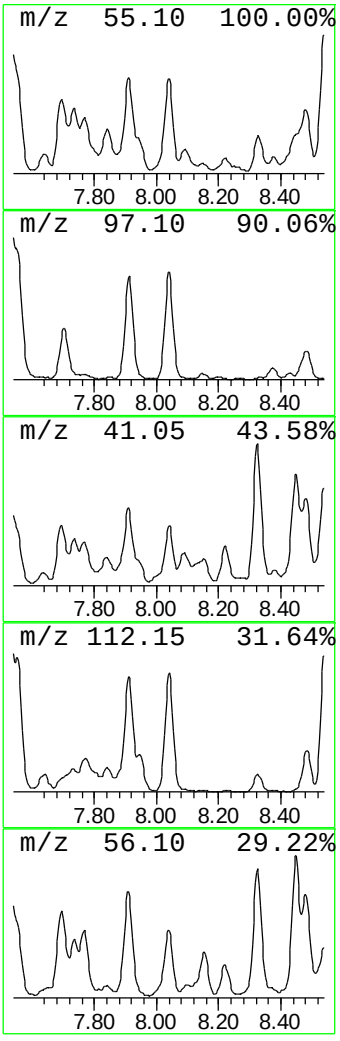
****

Peak Number 30 (DEL) Alkane: Cyclic8.04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	44.25 ug/L	1163090	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, 1,4-dimethyl-	112	C8H16	000589-90-2	94
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

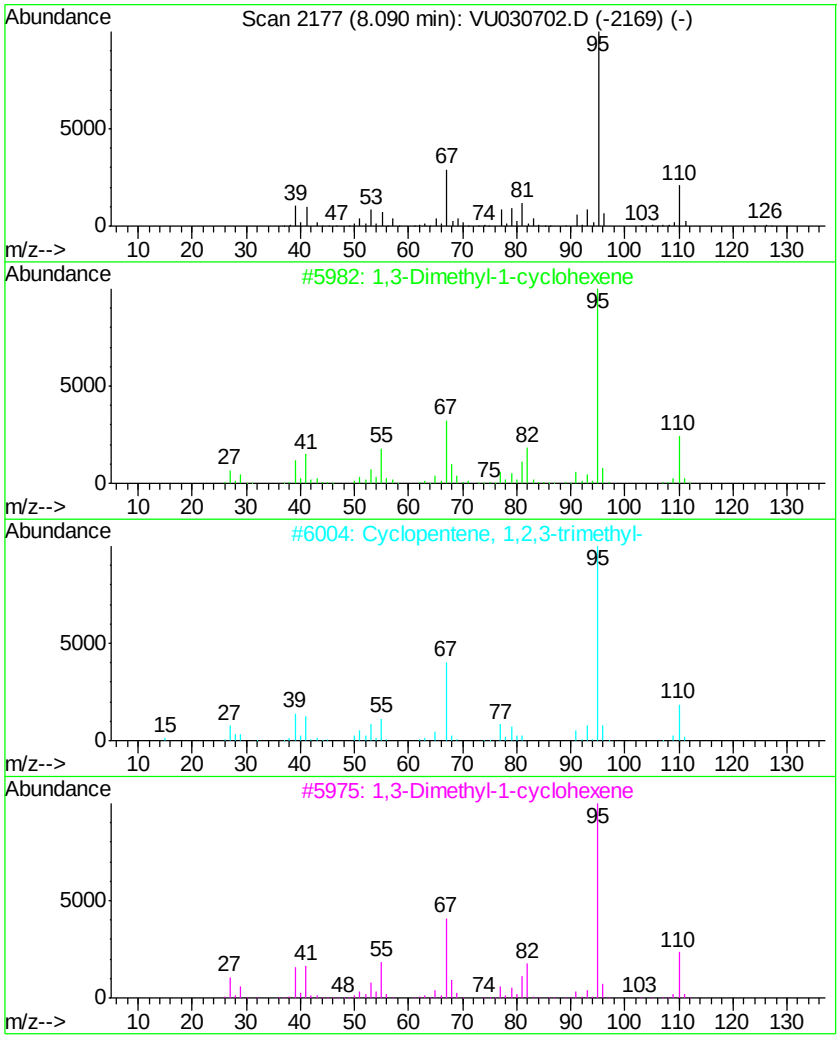
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

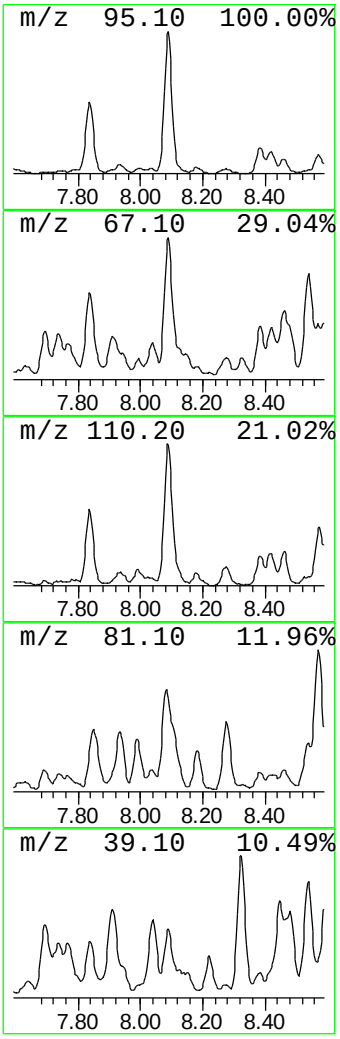
****

Peak Number 31 1,3-Dimethyl-1-cyclohexene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	25.60 ug/L	672959	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	90
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	83
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

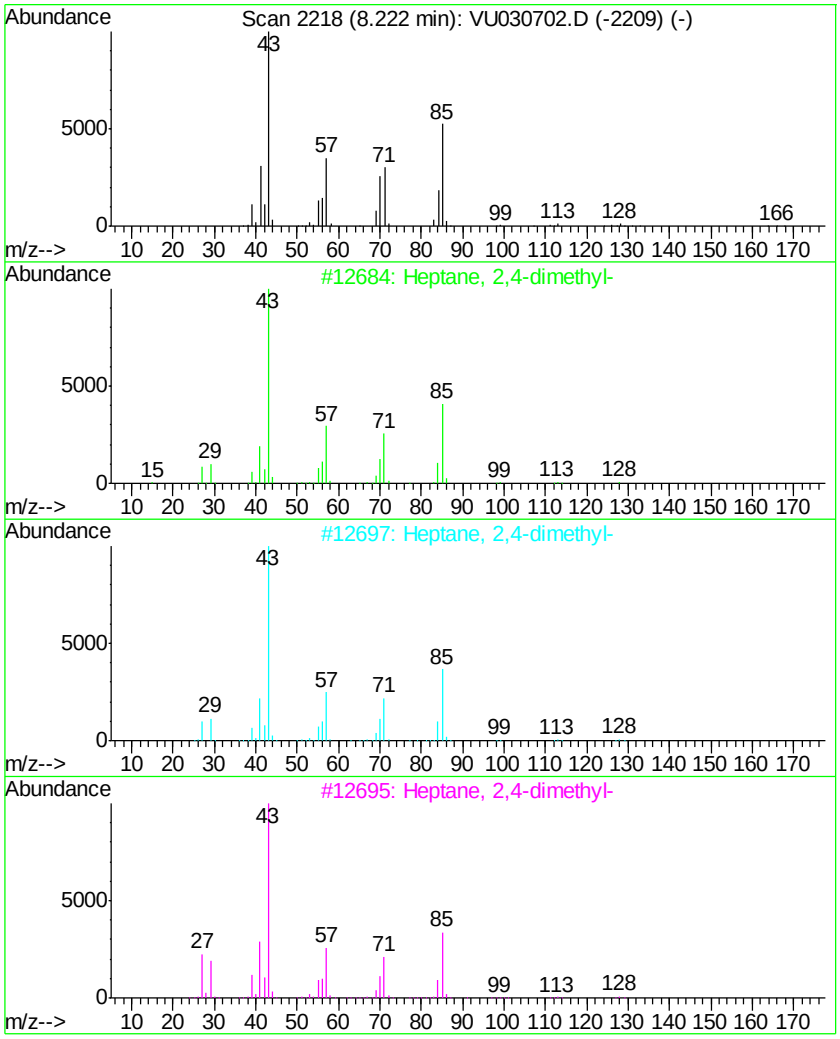
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

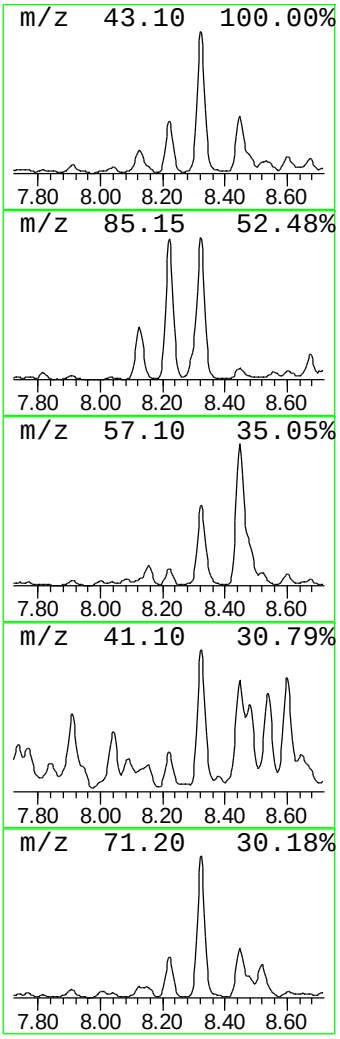
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	21.00 ug/L	551948	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

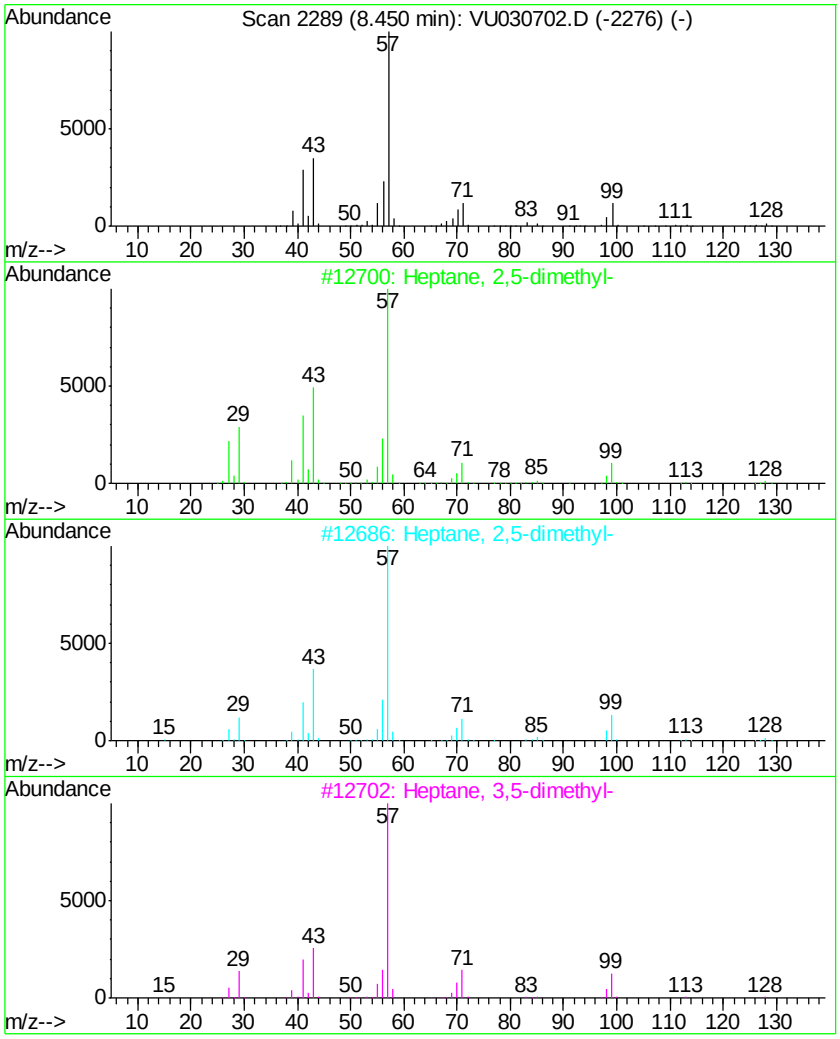
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

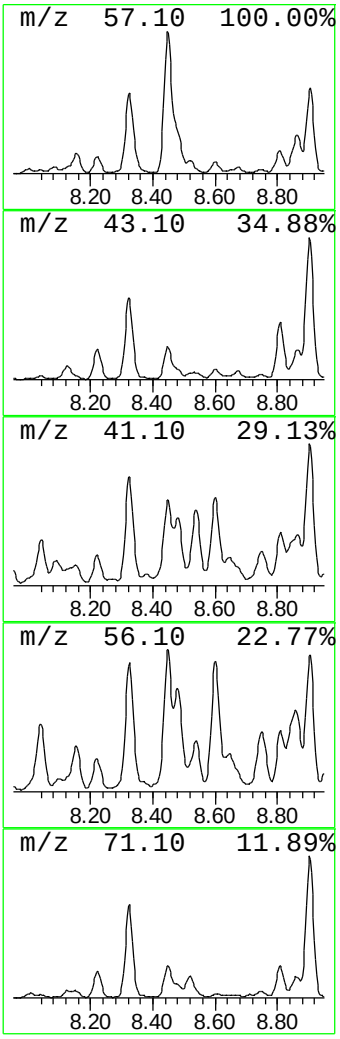
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	60.48 ug/L	1589700	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	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	87
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
5	Octane, 3-methyl-	128	C9H20	002216-33-3	86





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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

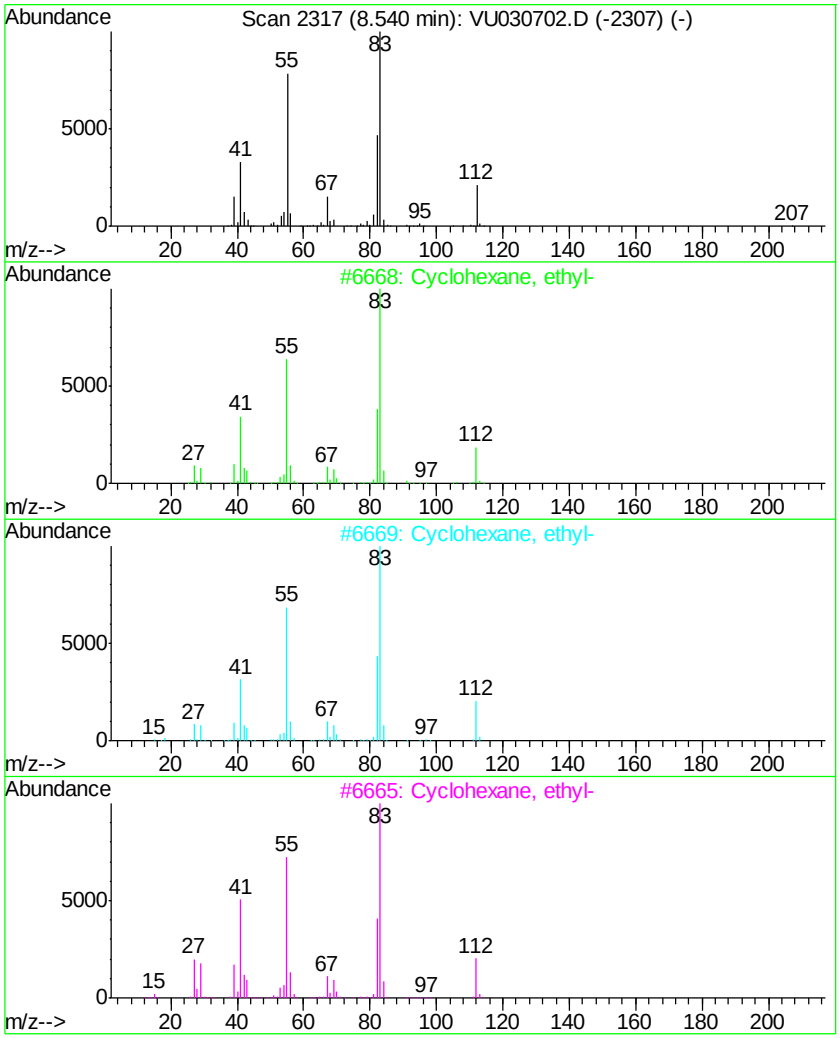
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

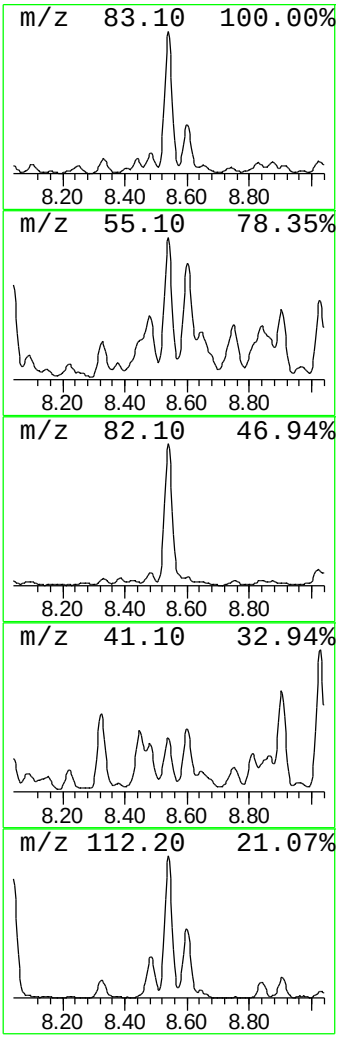
****

Peak Number 34 (DEL) Alkane: Cyclic8.54 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	45.71 ug/L	1201390	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	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

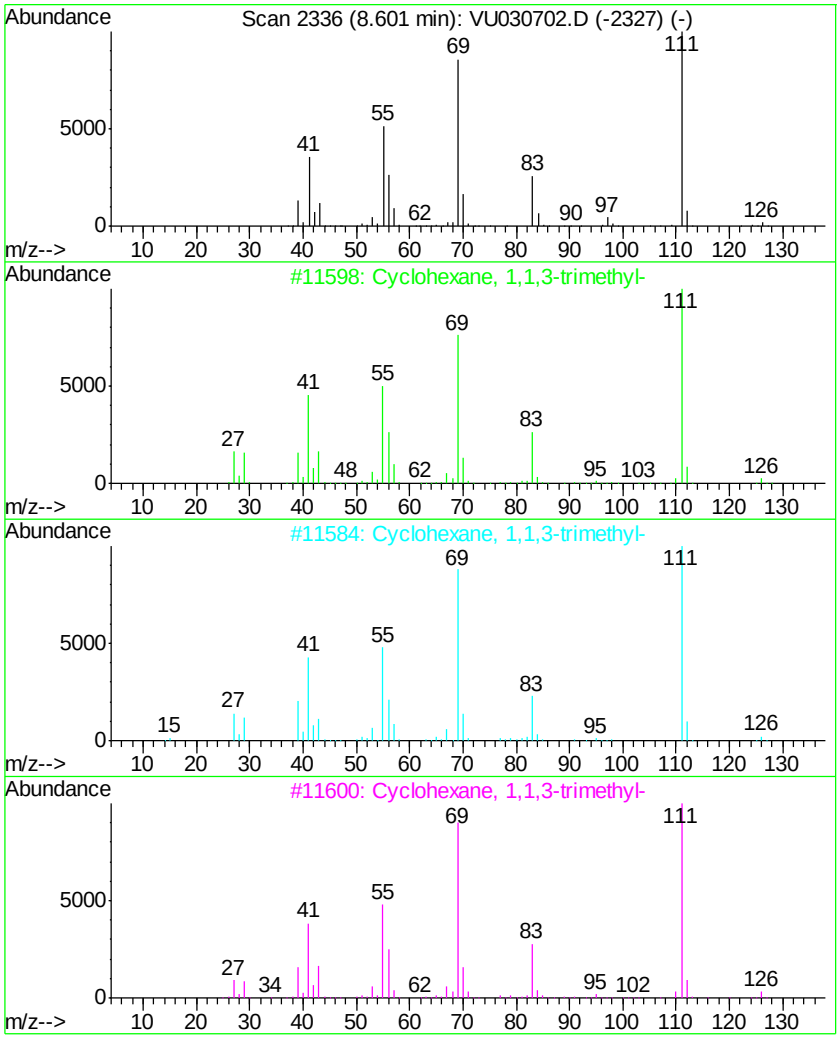
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

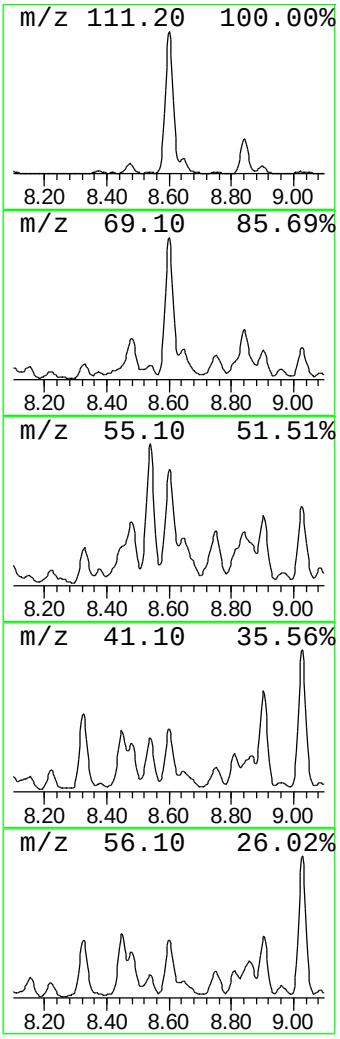
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	59.77 ug/L	1570910	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	83
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

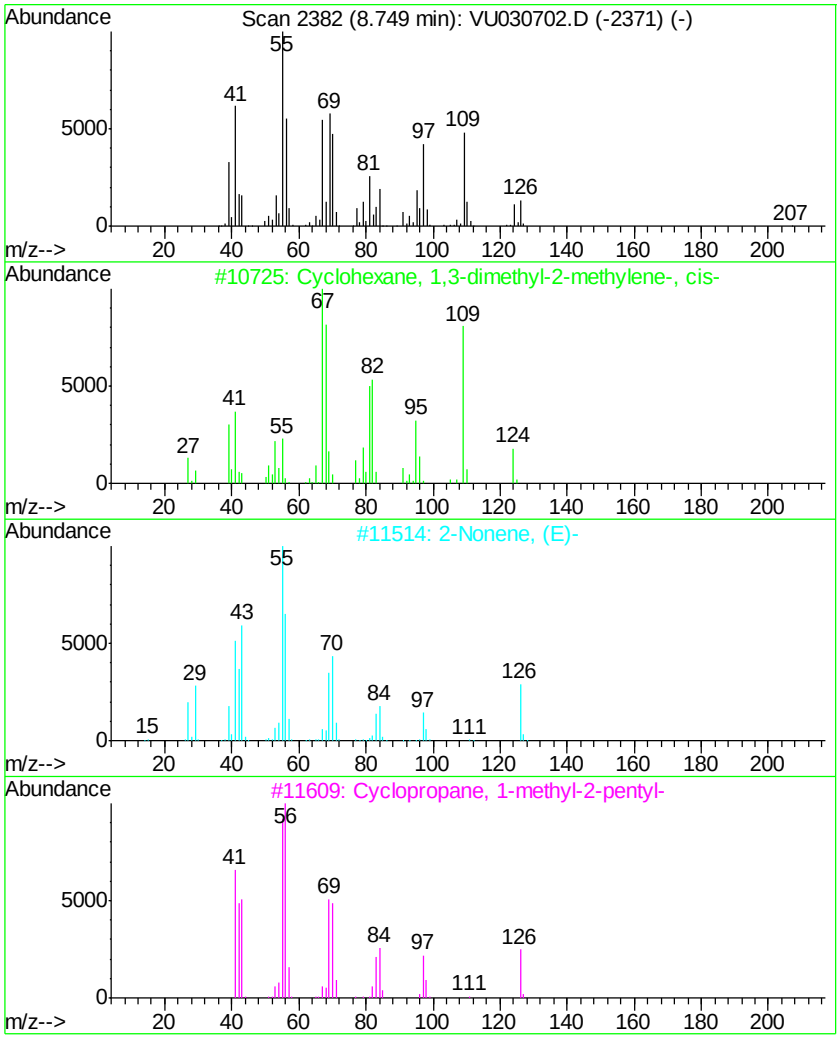
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

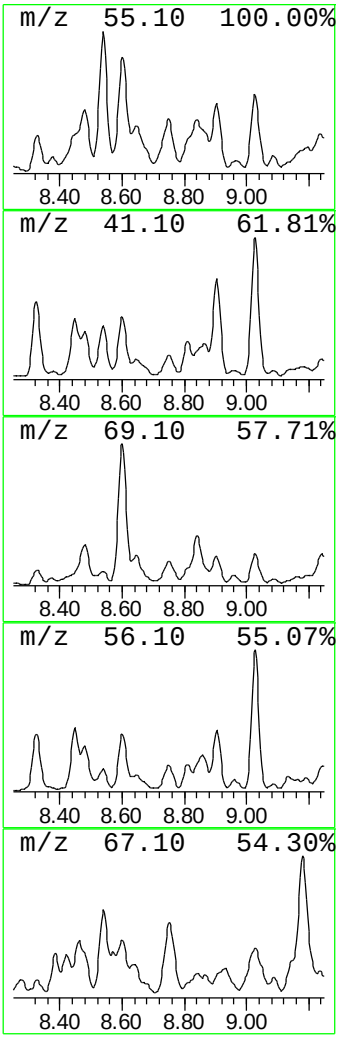
****

Peak Number 36 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	30.80 ug/L	809508	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	42
2	2-Nonene, (E)-	126	C9H18	006434-78-2	41
3	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	41
4	2-Nonene, (E)-	126	C9H18	006434-78-2	41
5	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

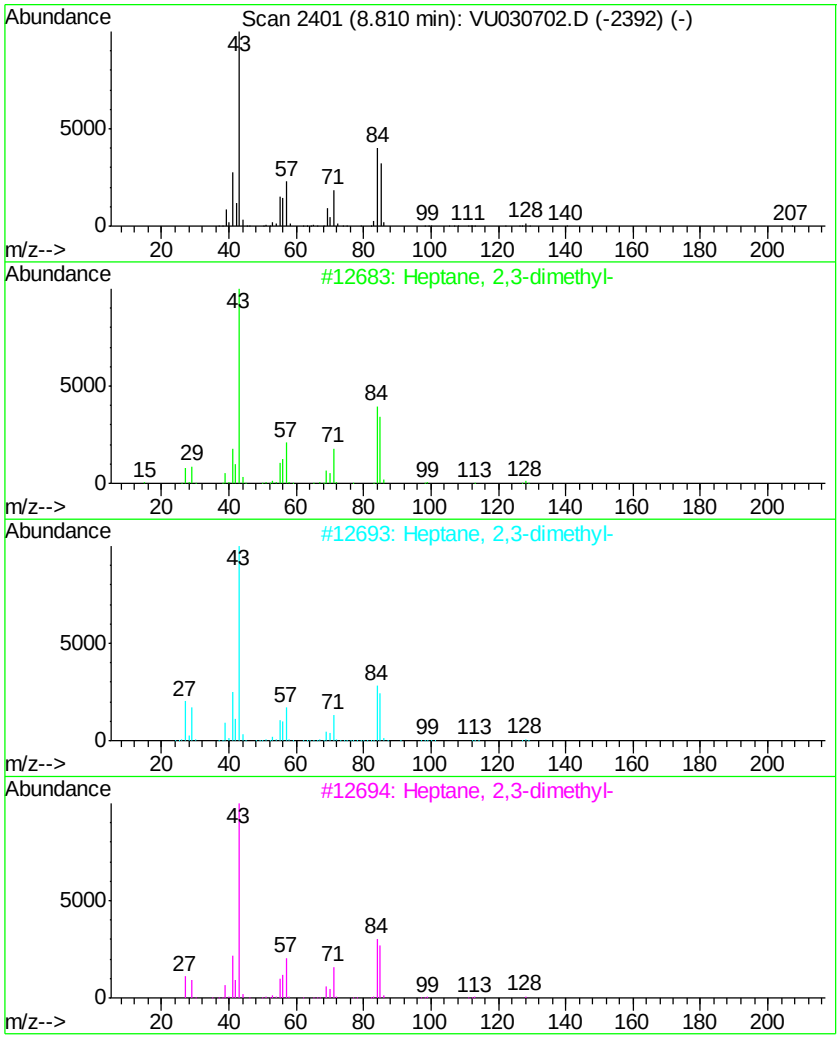
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

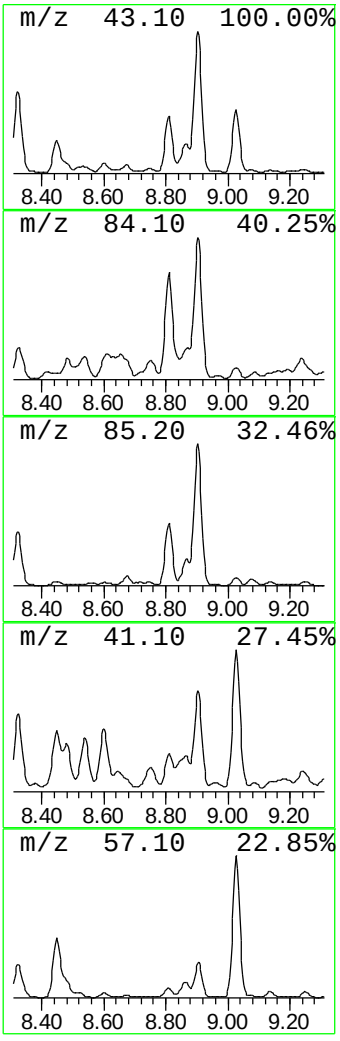
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	37.84 ug/L	994556	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	90
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

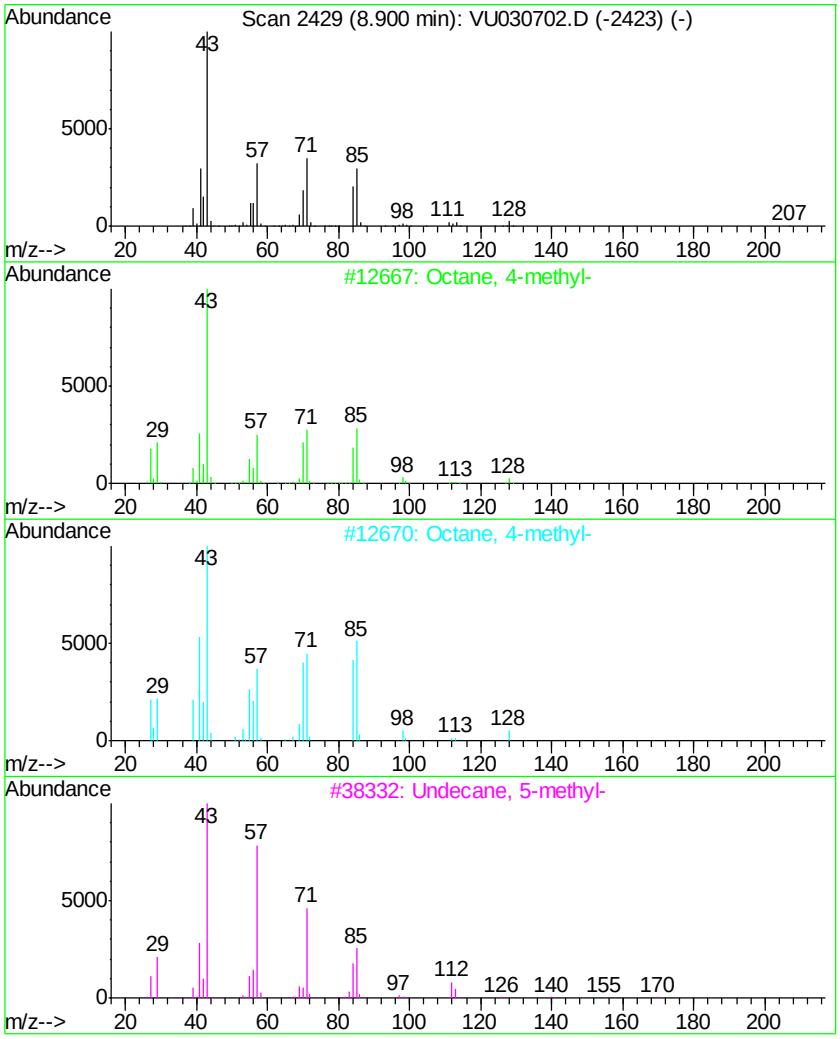
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

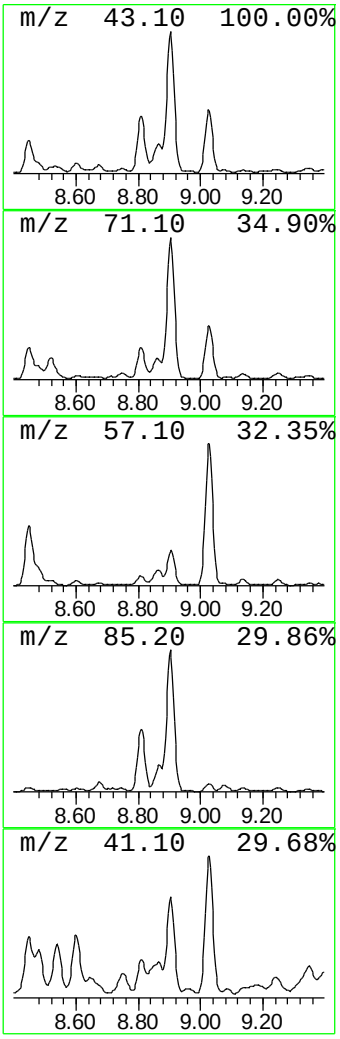
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	112.27 ug/L	2950880	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	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

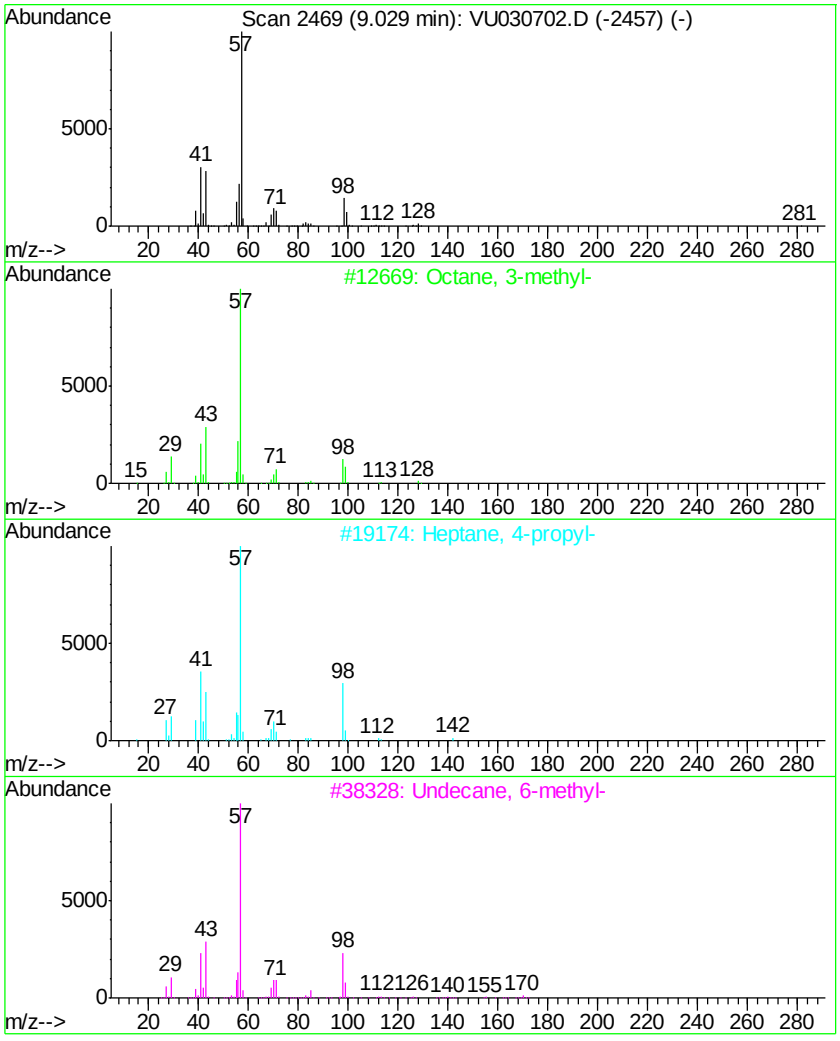
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

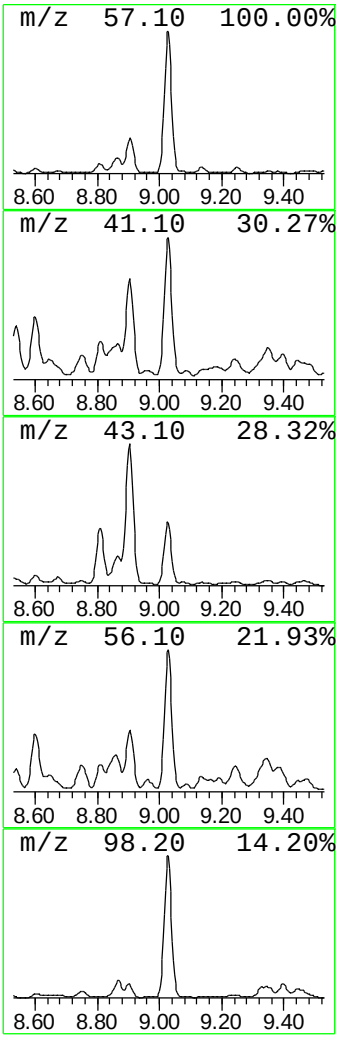
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	130.29 ug/L	3424520	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	80
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4	Octane, 3-methyl-	128	C9H20	002216-33-3	59
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

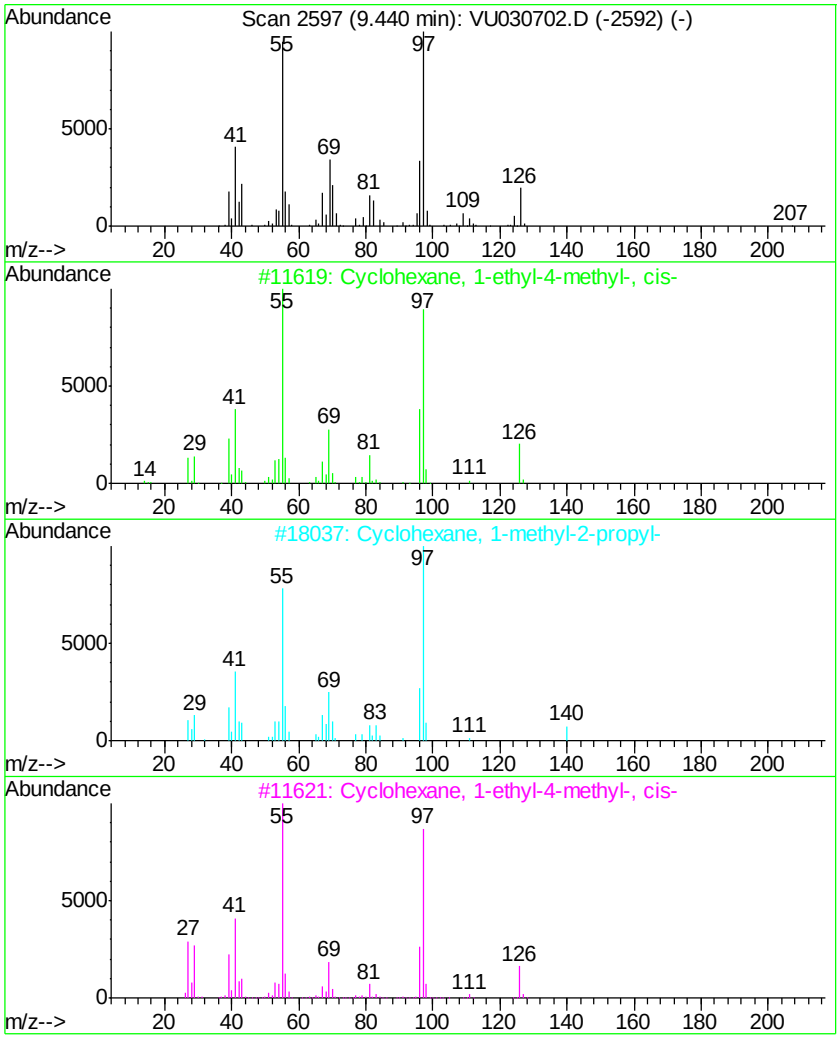
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

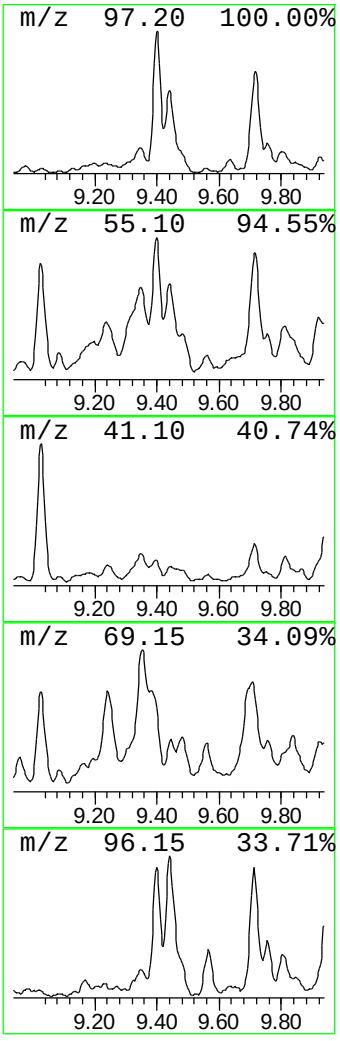
****

Peak Number 40 (DEL) Alkane: Cyclic9.44 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	37.03 ug/L	973270	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

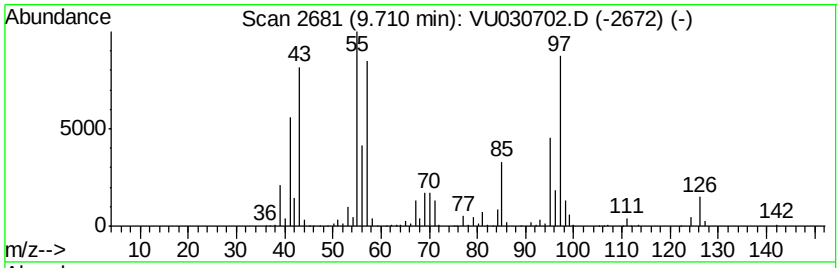
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

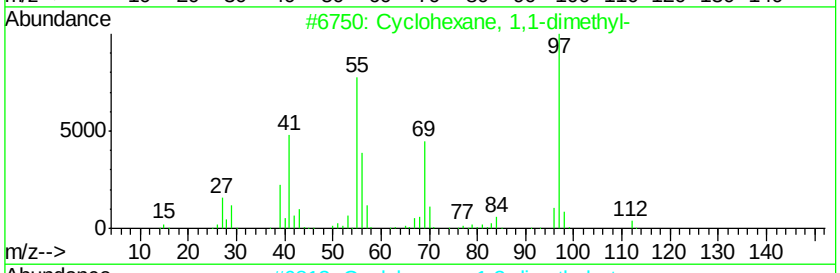
****

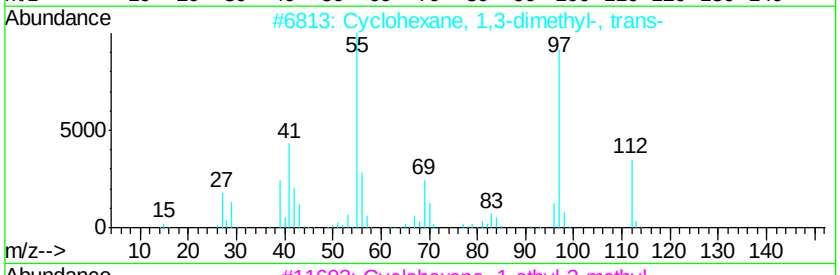
Peak Number 41 (DEL) Alkane: Cyclic9.71 Concentration Rank 43

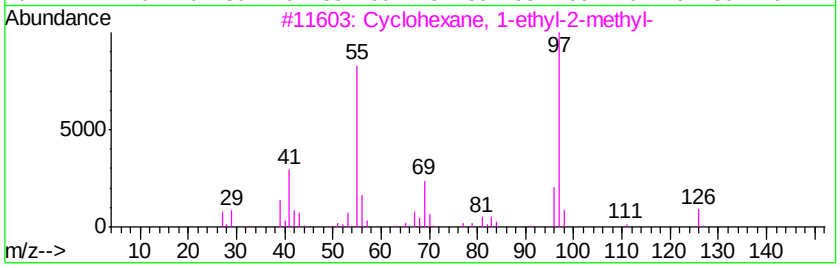
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	41.90 ug/L	1101410	Chlorobenzene-d5	9.09

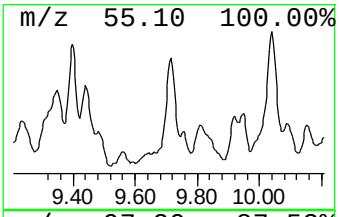
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	46
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46

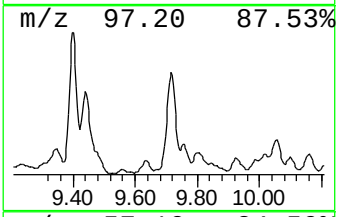


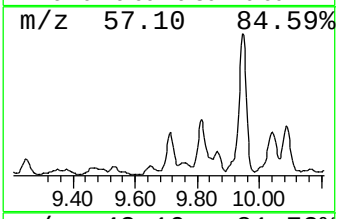


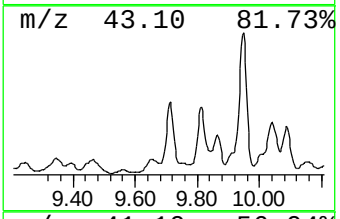


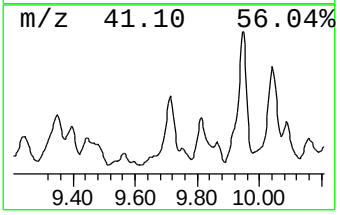












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

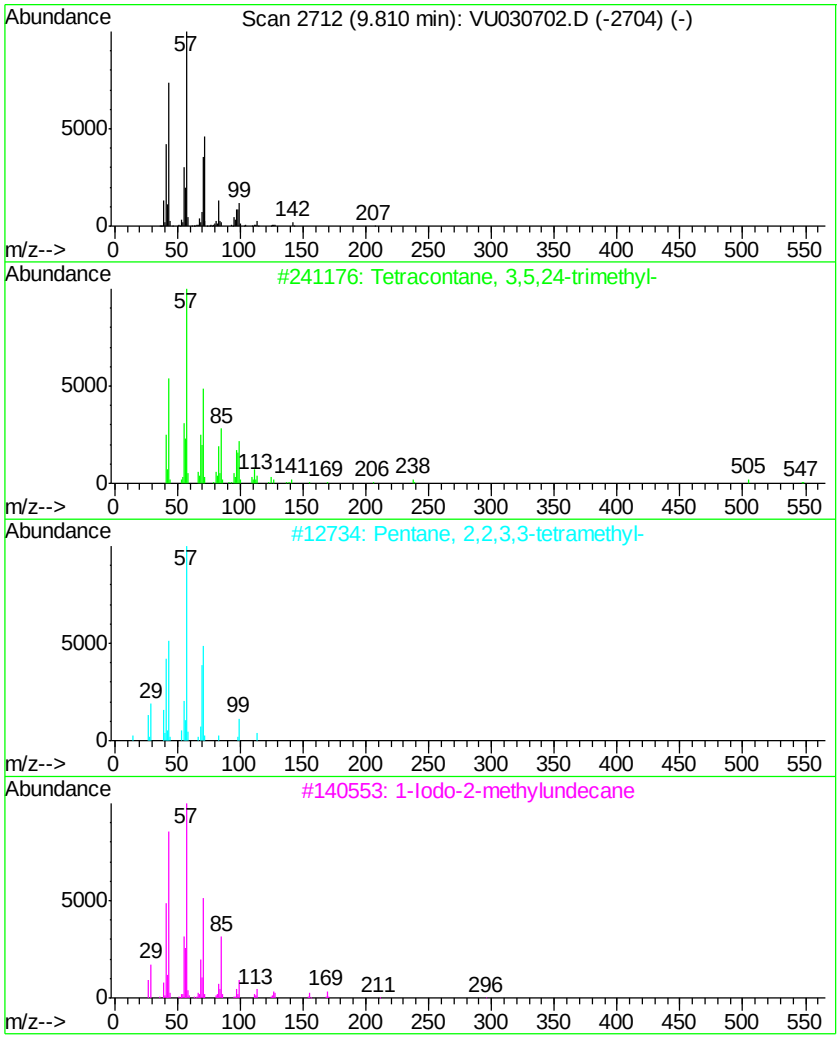
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

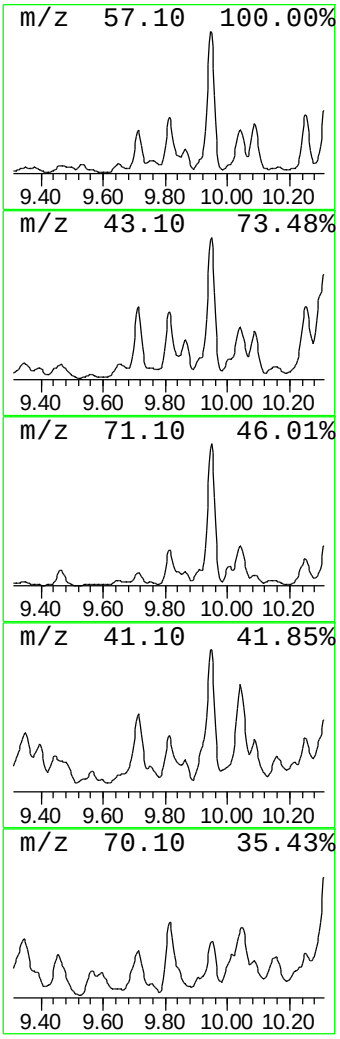
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	32.84 ug/L	863071	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

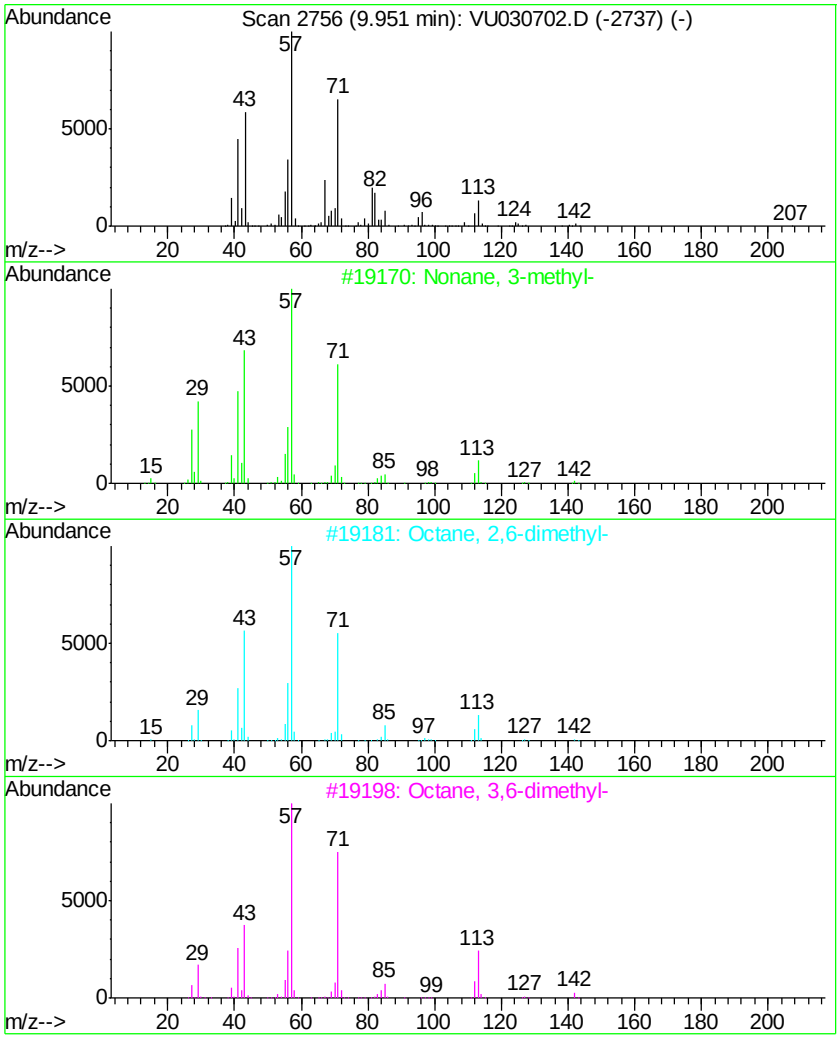
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

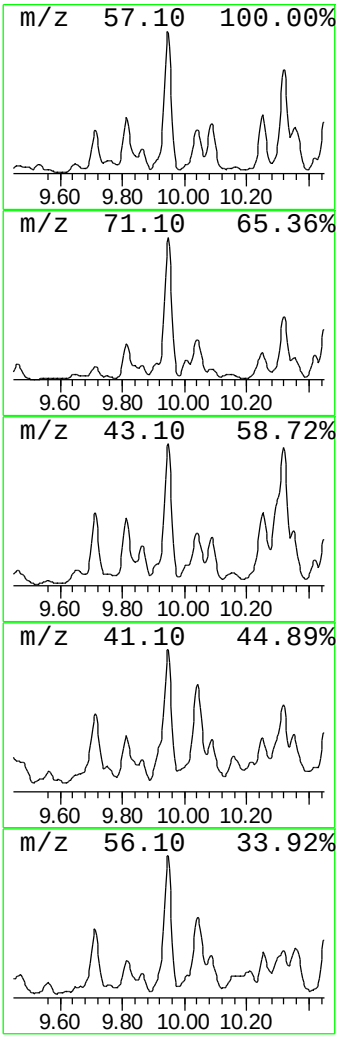
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	101.82 ug/L	2676260	Chlorobenzene-d5	9.09

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

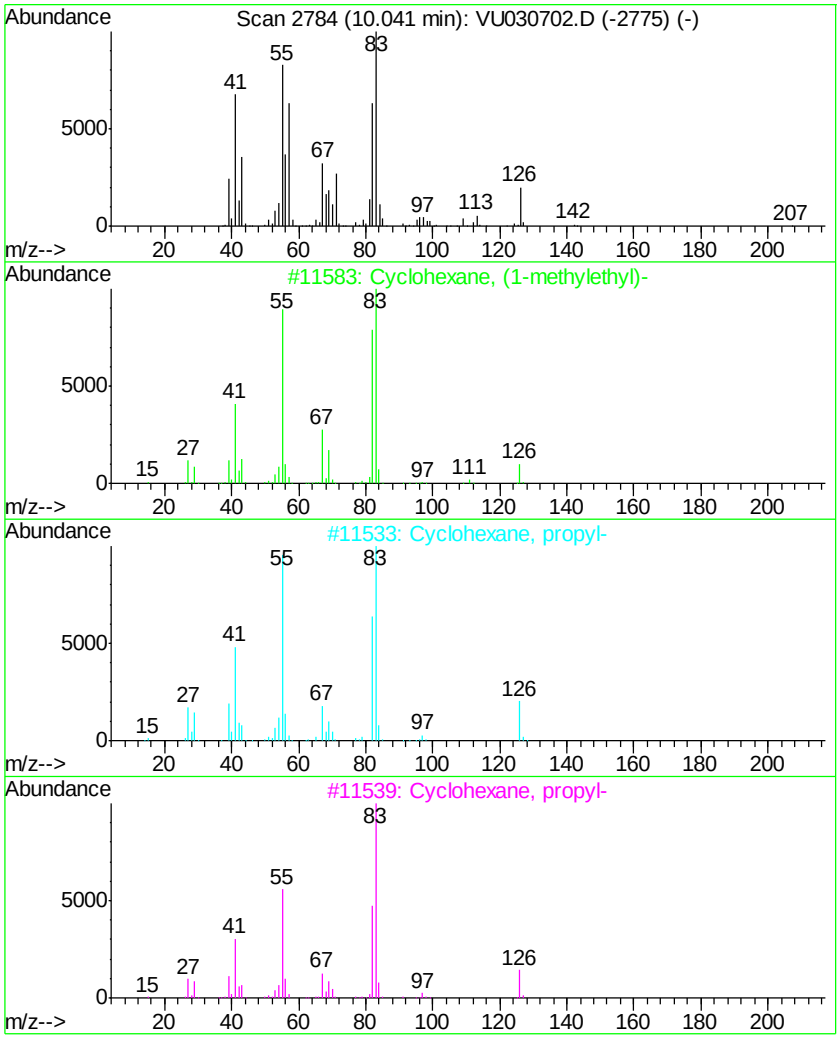
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

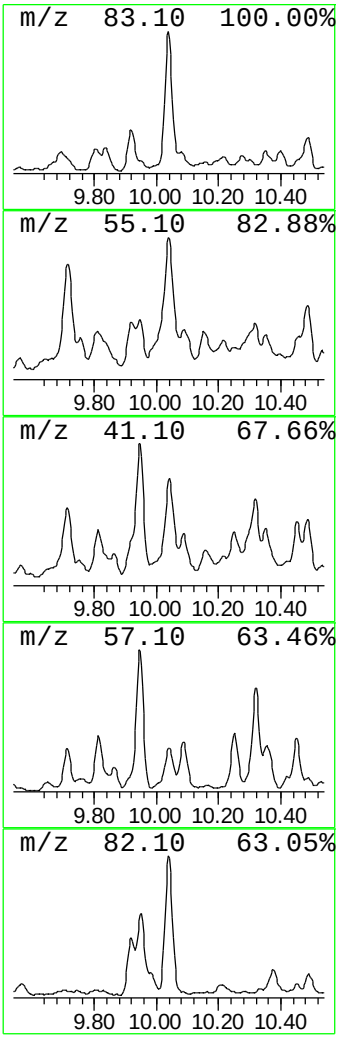
****

Peak Number 44 (DEL) Alkane: Cyclic10.04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	46.59 ug/L	1224710	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	74
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

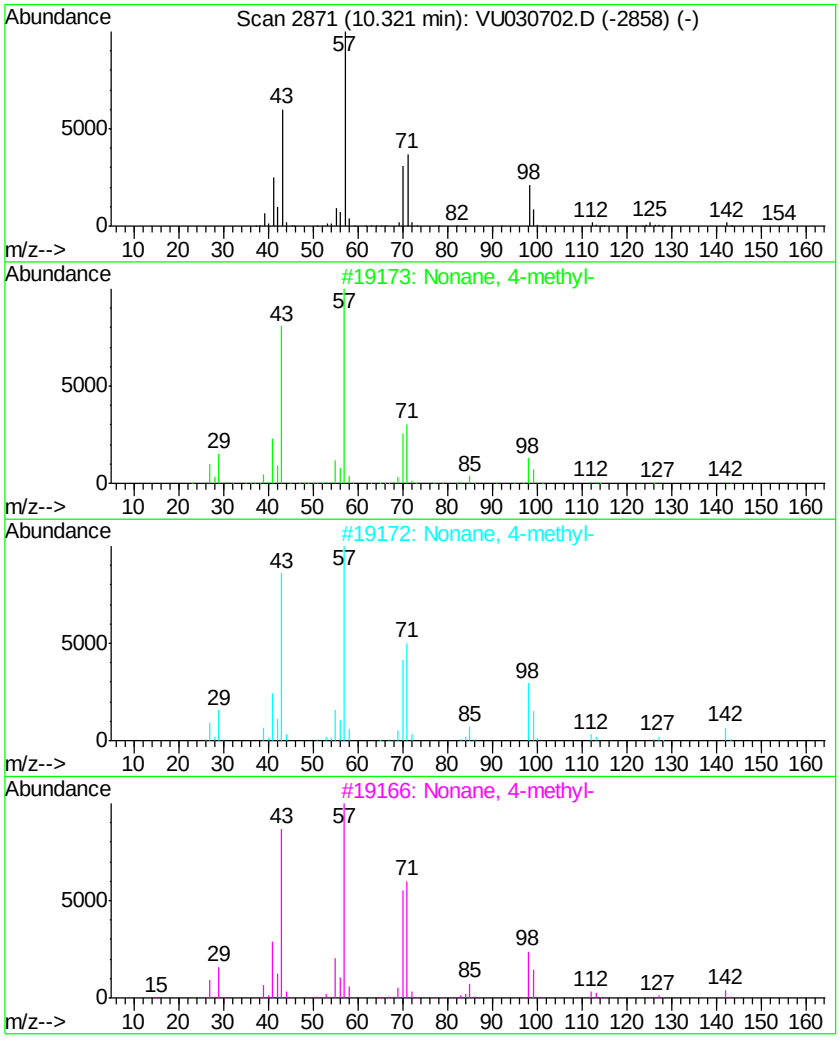
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

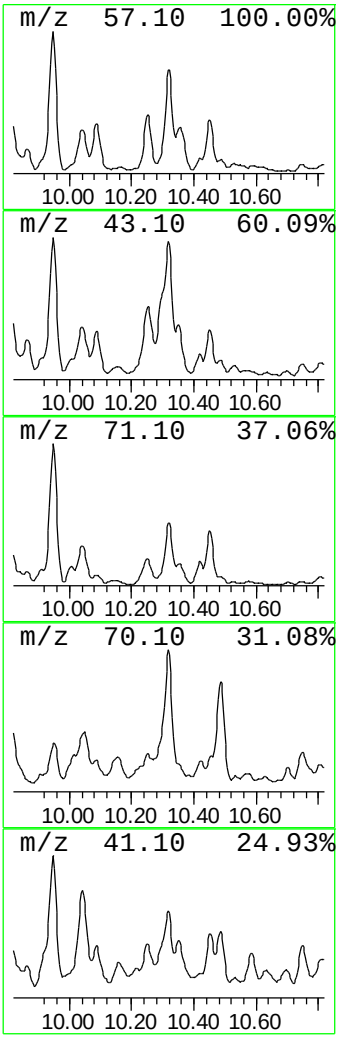
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	34.34 ug/L	1029430	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

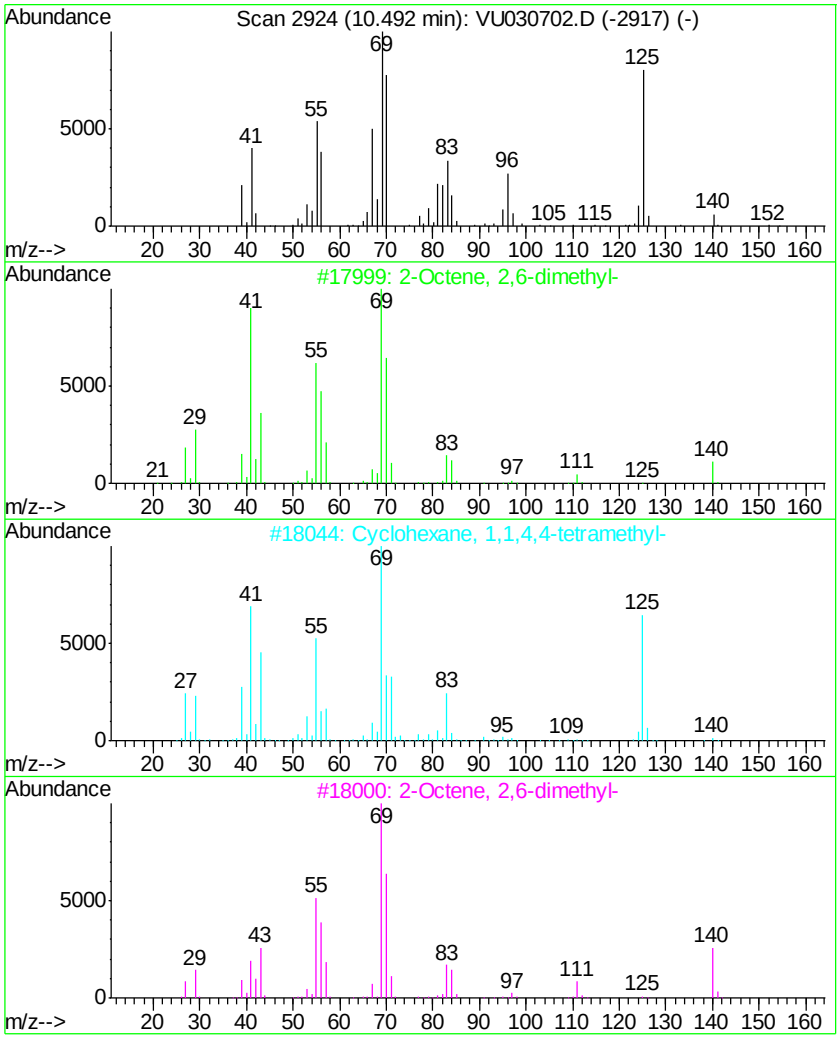
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

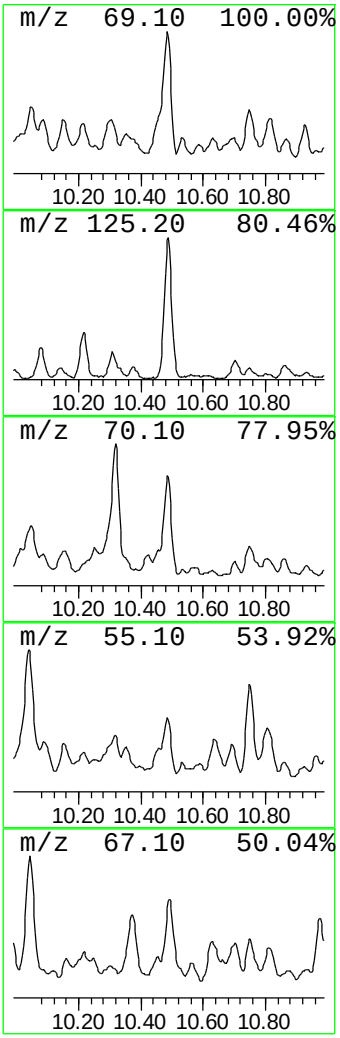
****

Peak Number 46 (DEL) Alkane: Cyclic10.49 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	26.77 ug/L	802591	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	58
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	53
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
4	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	43
5	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

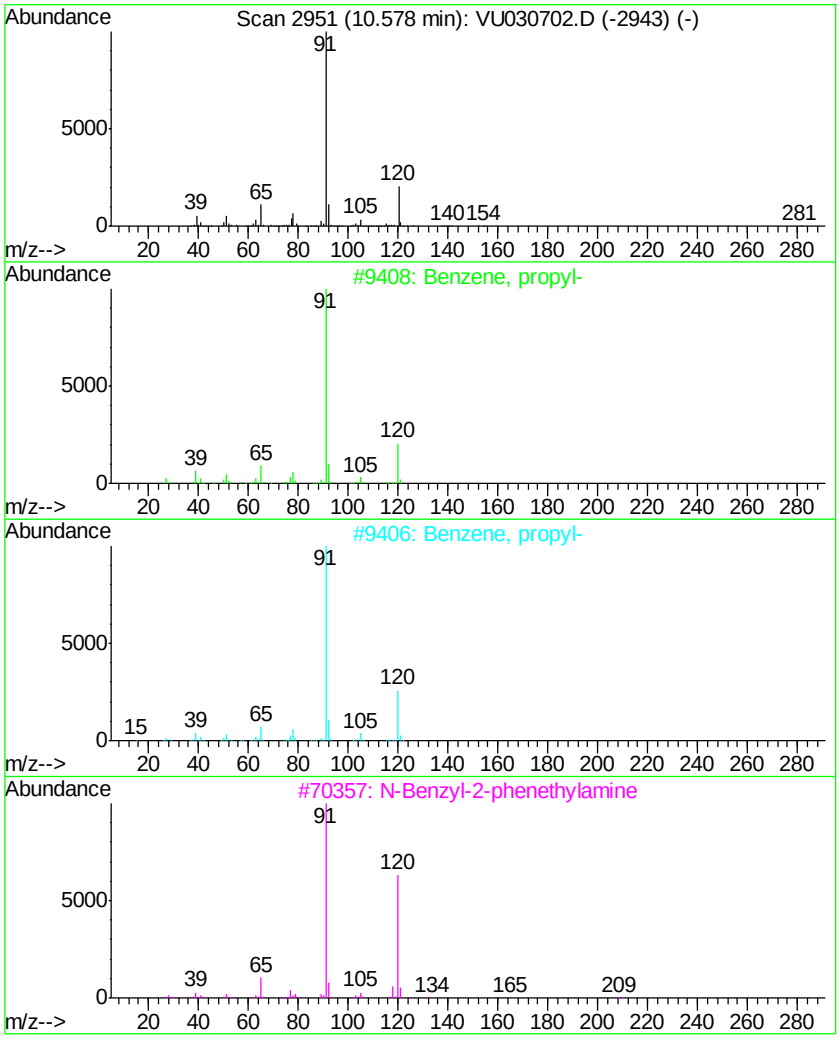
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

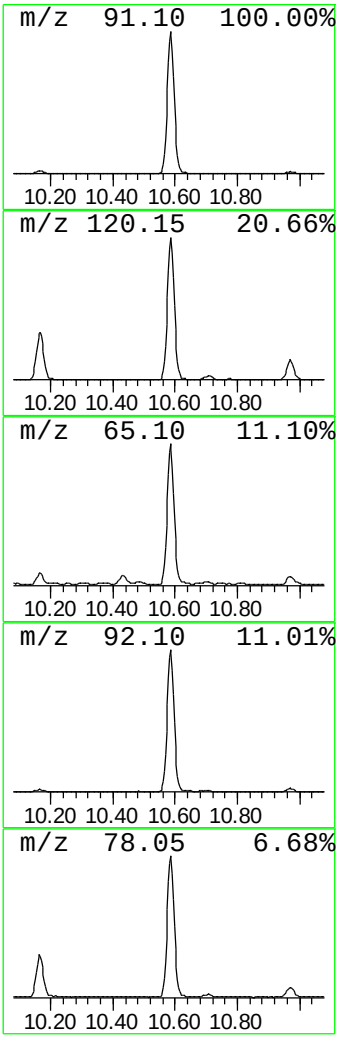
****

Peak Number 47 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	124.12 ug/L	3721040	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	87
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

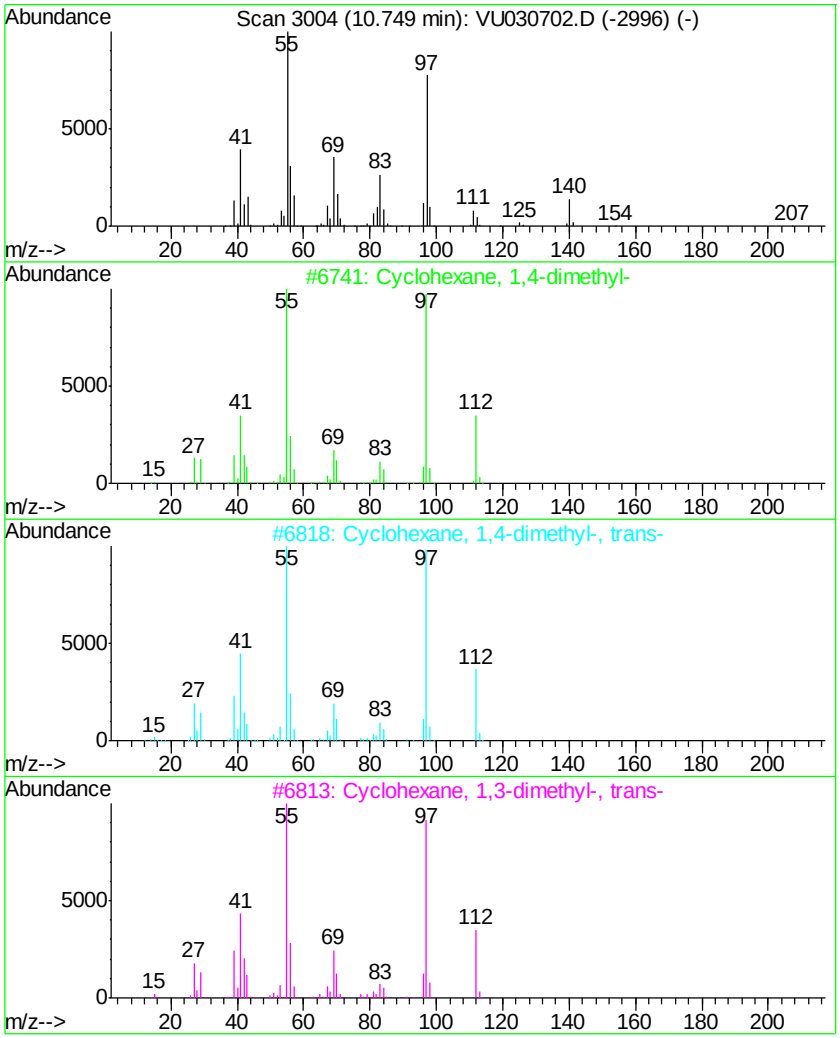
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

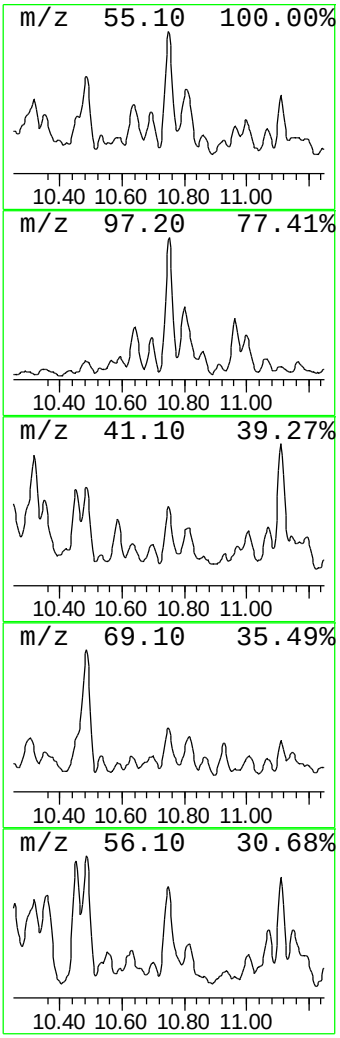
****

Peak Number 48 (DEL) Alkane: Cyclic10.75 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	21.89 ug/L	656218	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	83
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

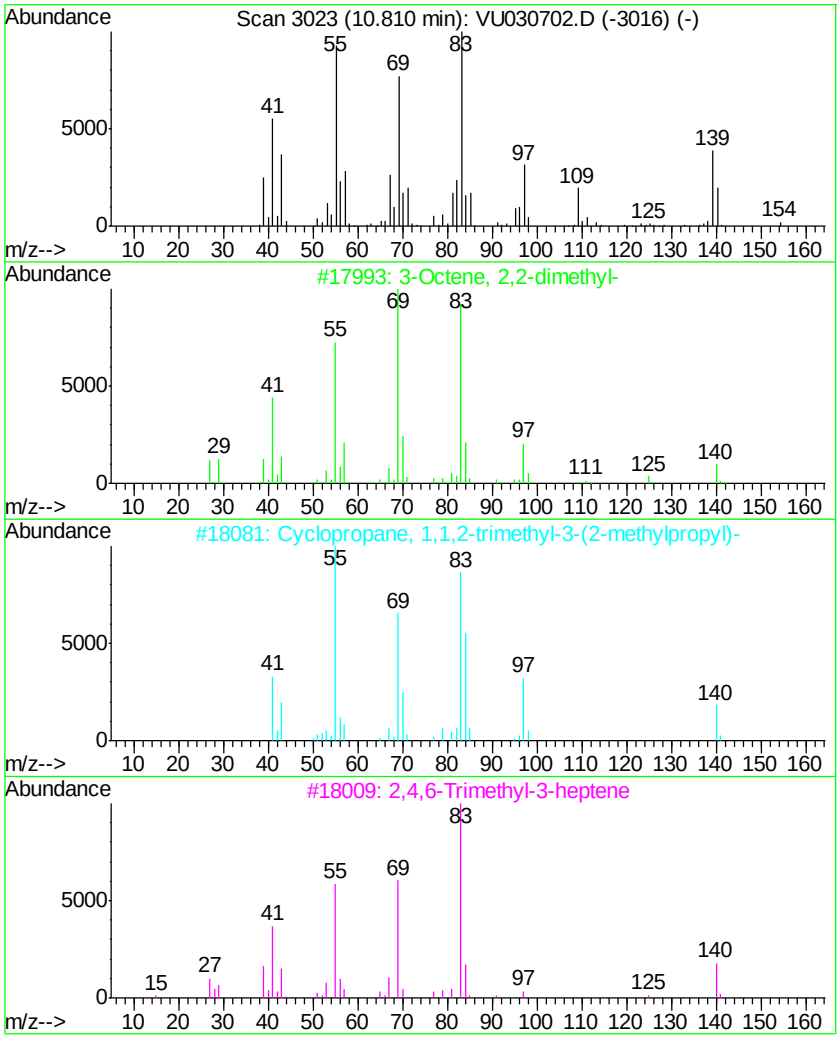
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

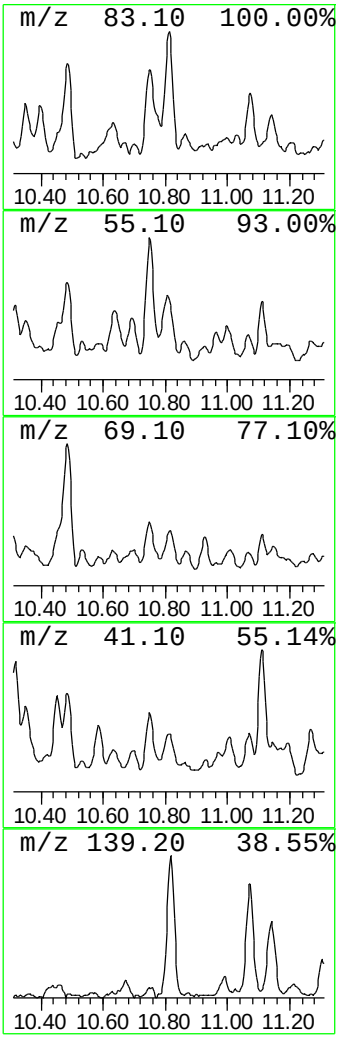
****

Peak Number 49 (DEL) Alkane: Cyclic10.81 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	15.52 ug/L	465200	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	53
2	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	53
3	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	50
4	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	43
5	1-Dodecanol	186	C12H26O	000112-53-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

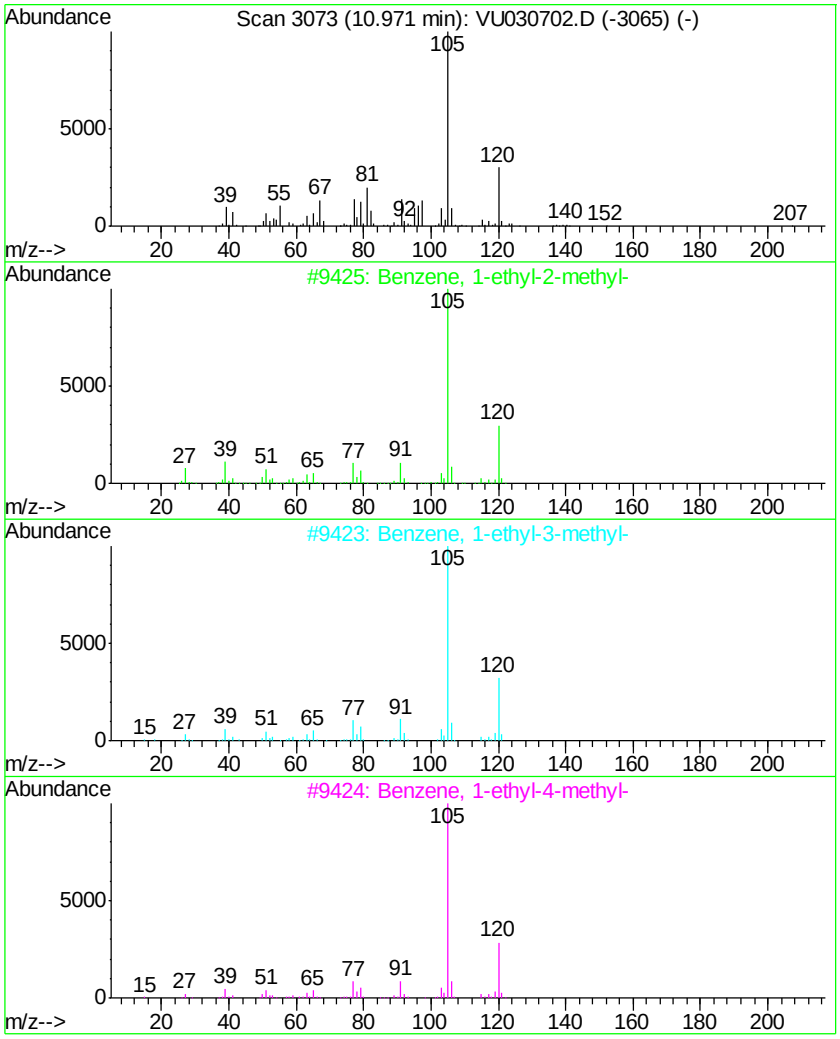
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

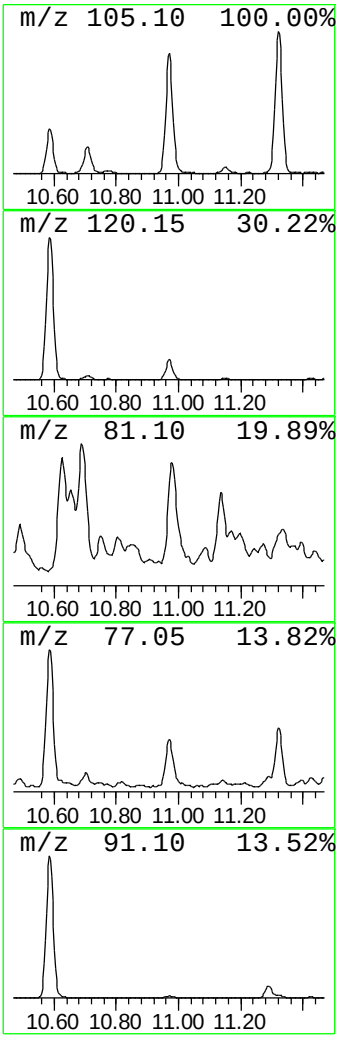
****

Peak Number 50 Benzene, 1-ethyl-2-methyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	21.73 ug/L	651516	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-ethyl-4-methyl-	120	C9H12	000622-96-8	70
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

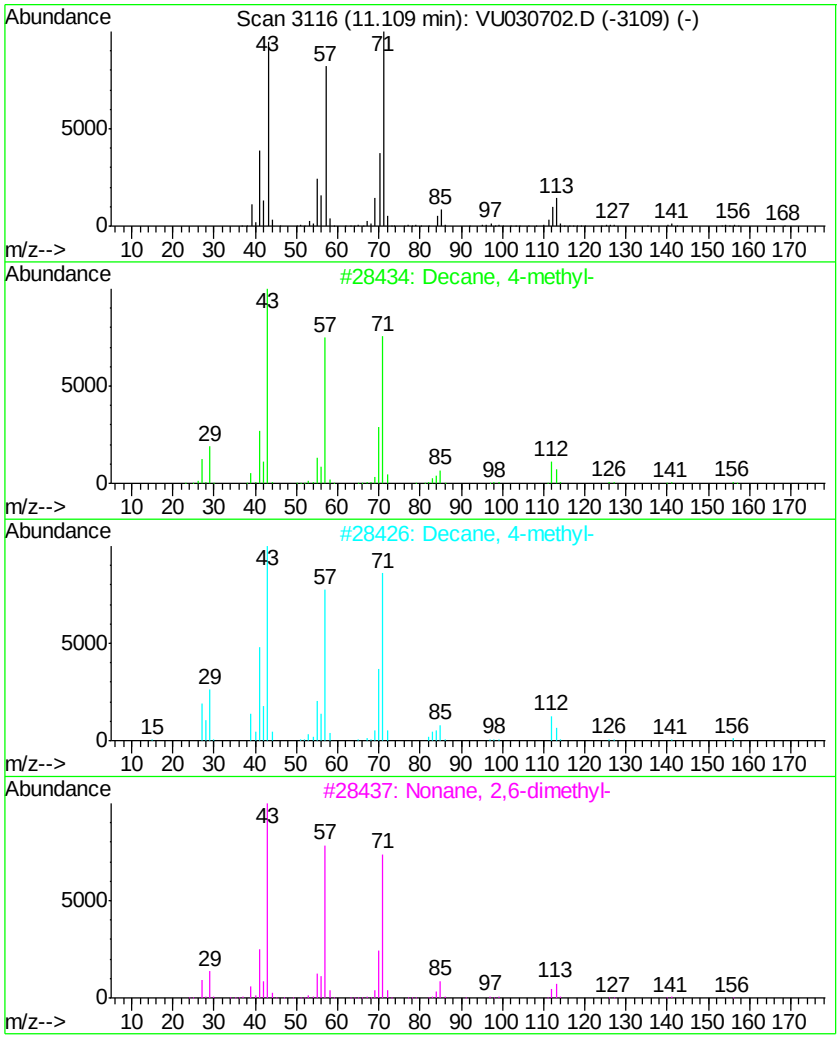
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

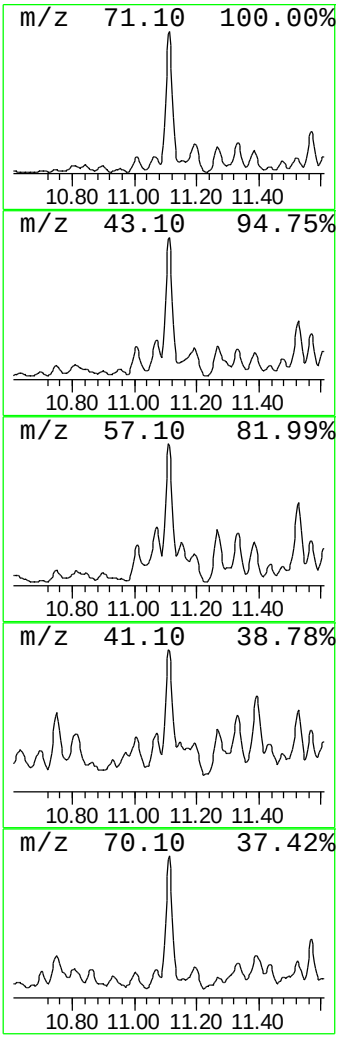
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	38.06 ug/L	1140950	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	87
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

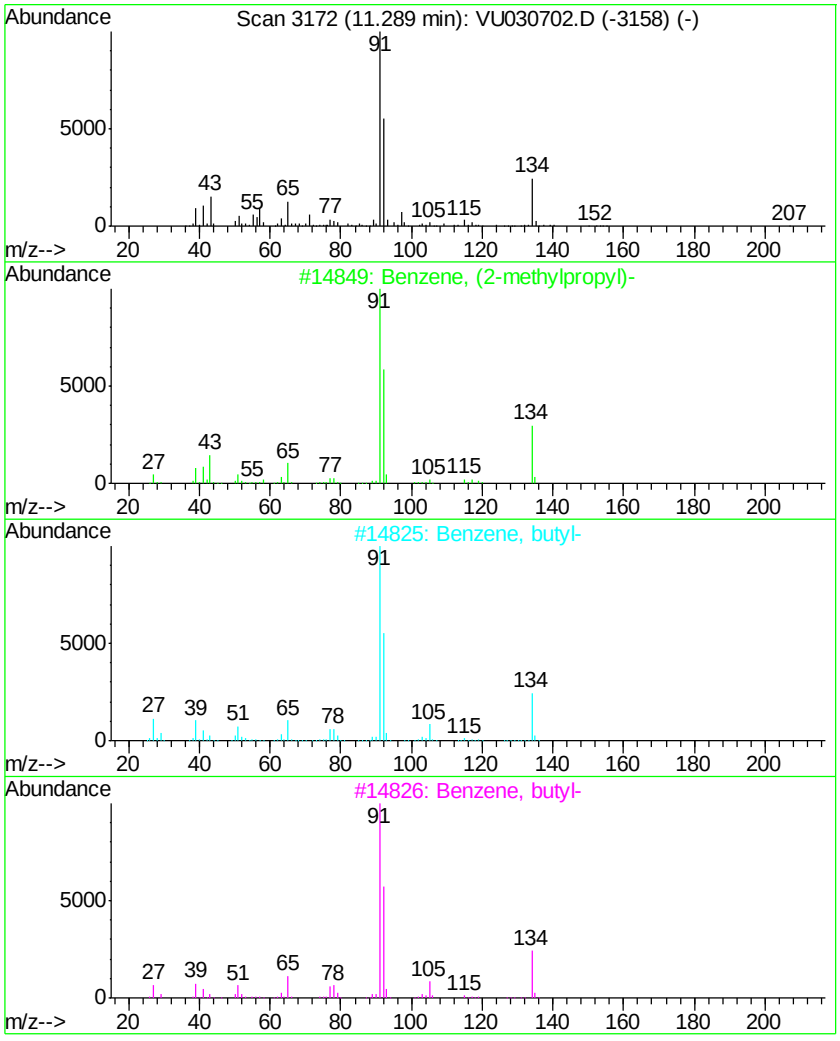
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

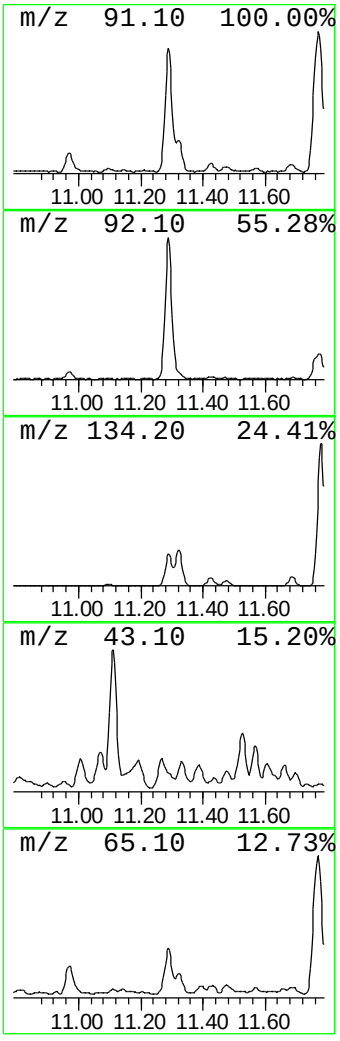
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	28.42 ug/L	852166	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	72
2	Benzene, butyl-	134	C10H14	000104-51-8	72
3	Benzene, butyl-	134	C10H14	000104-51-8	72
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	72
5	Benzene, butyl-	134	C10H14	000104-51-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

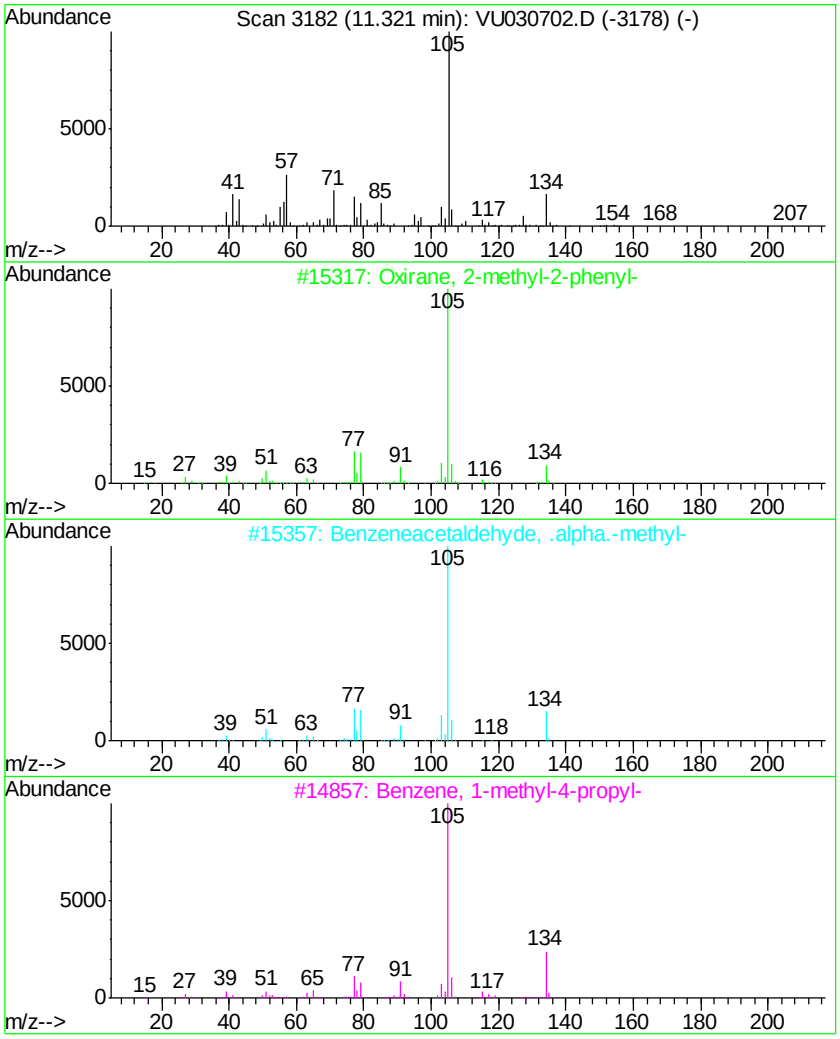
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

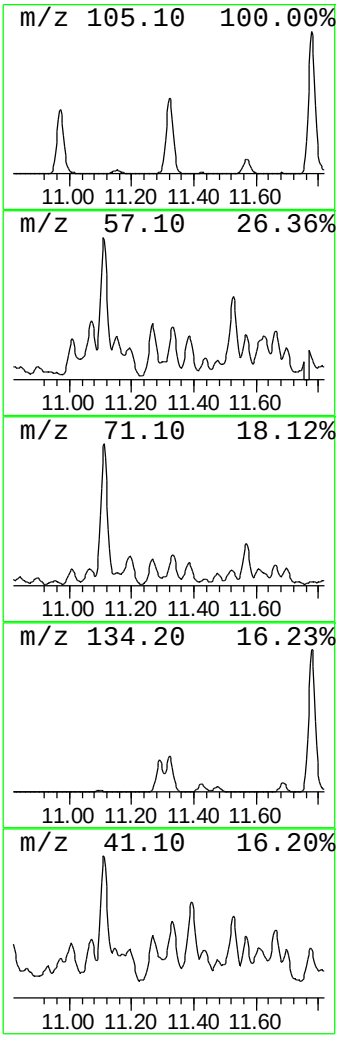
****

Peak Number 53 Oxirane, 2-methyl-2-phenyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	30.41 ug/L	911607	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	50
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	45
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

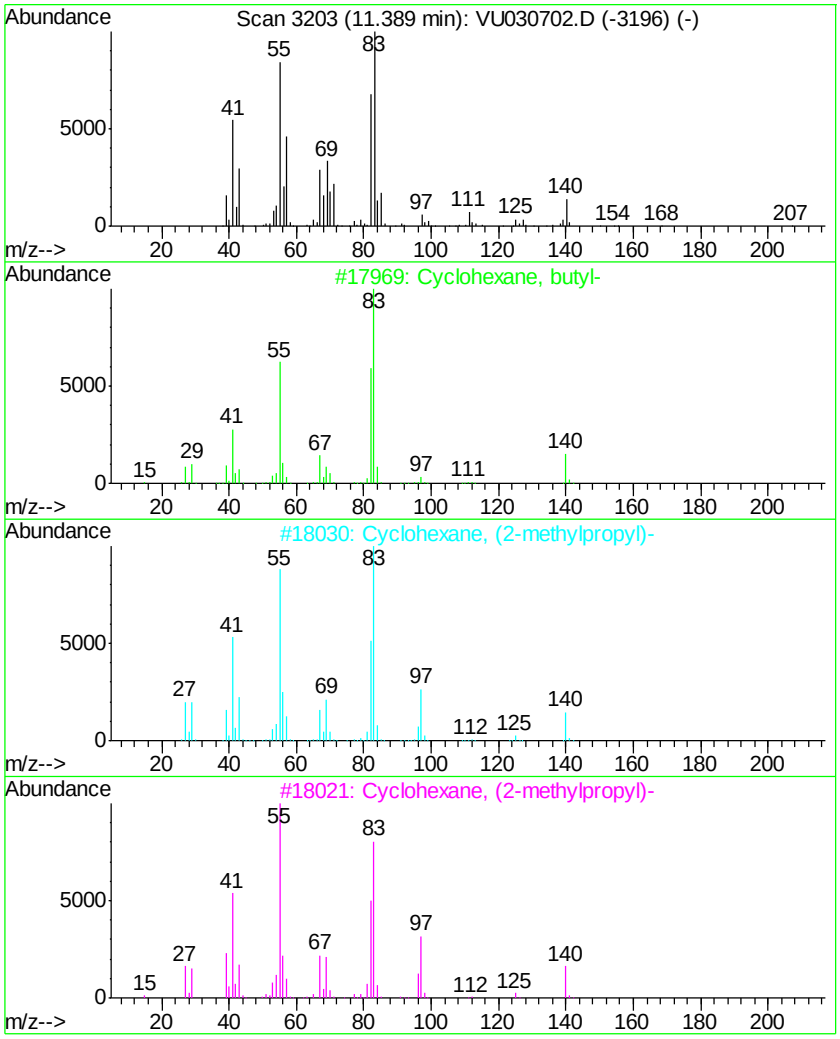
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

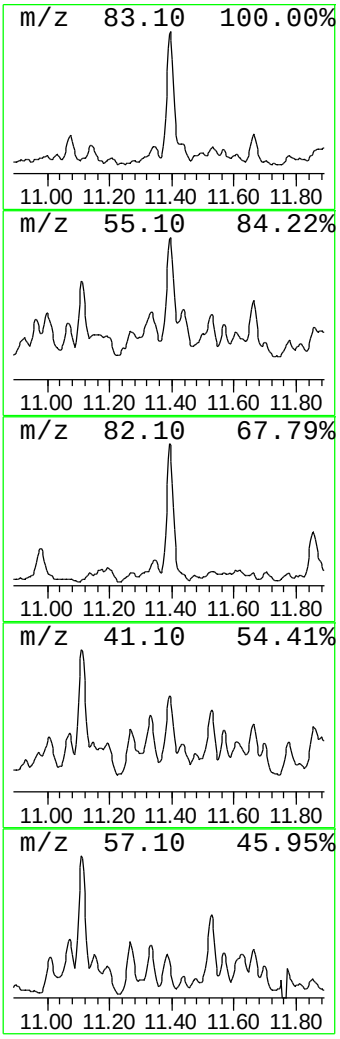
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Cyclic11.39 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	23.37 ug/L	700689	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

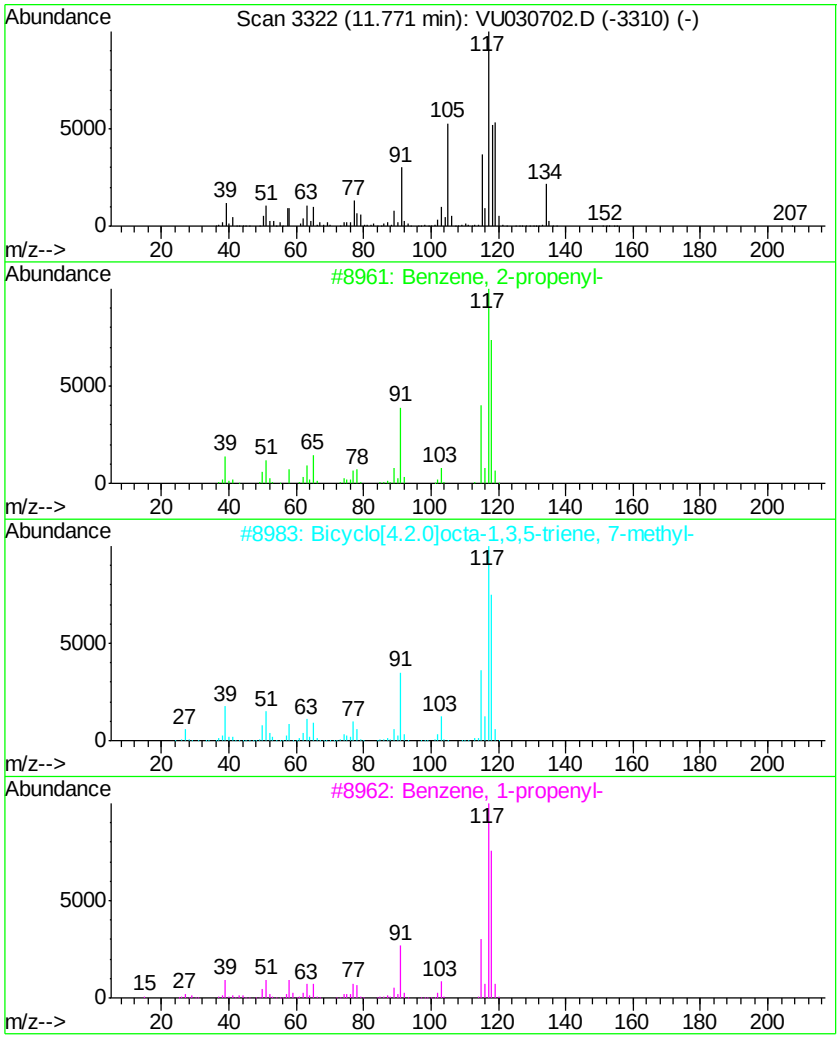
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

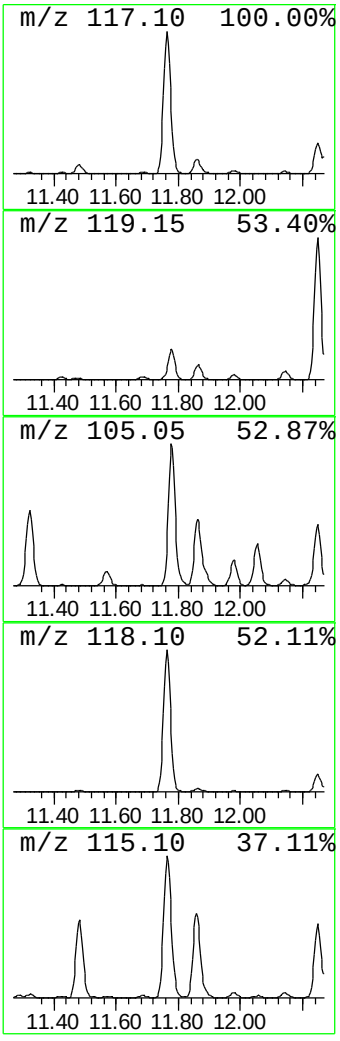
****

Peak Number 55 Benzene, 2-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	140.73 ug/L	4219160	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	92
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

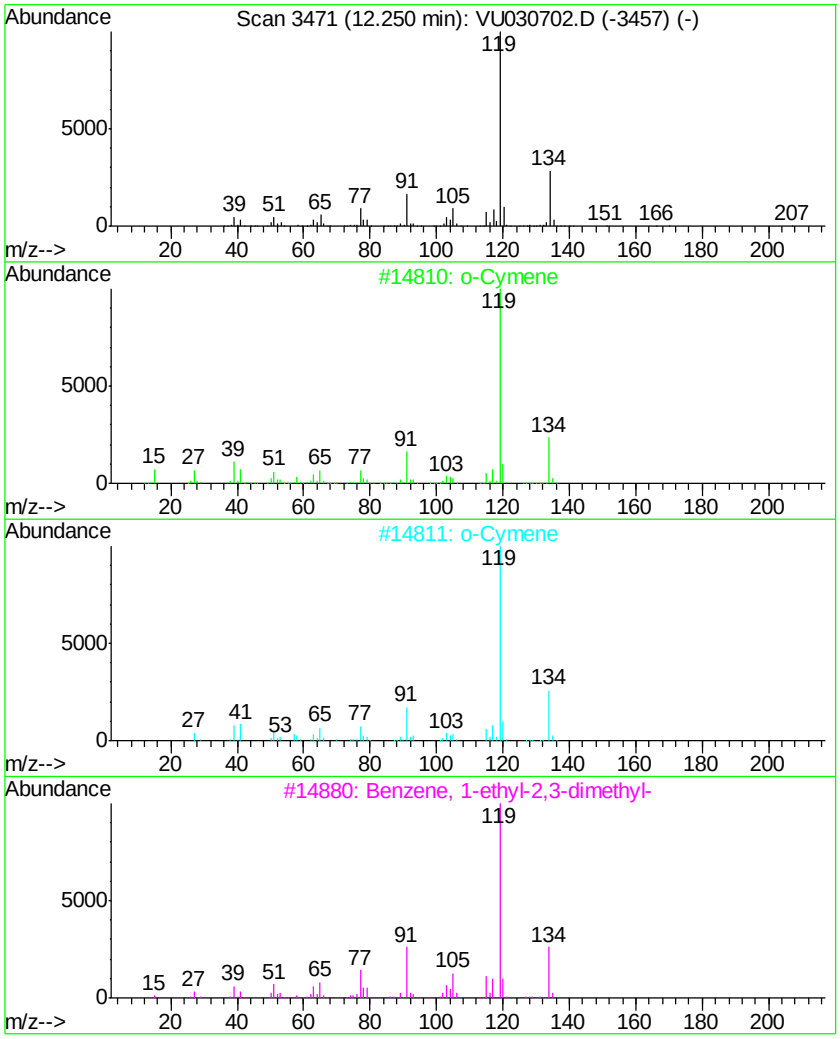
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

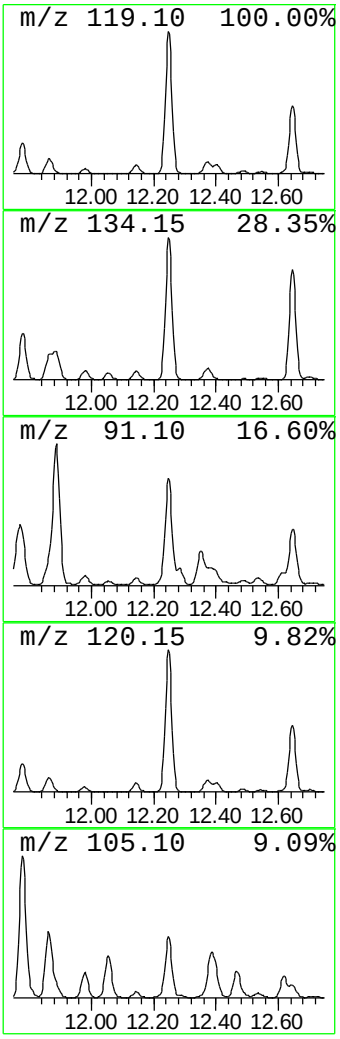
****

Peak Number 56 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	167.37 ug/L	5017710	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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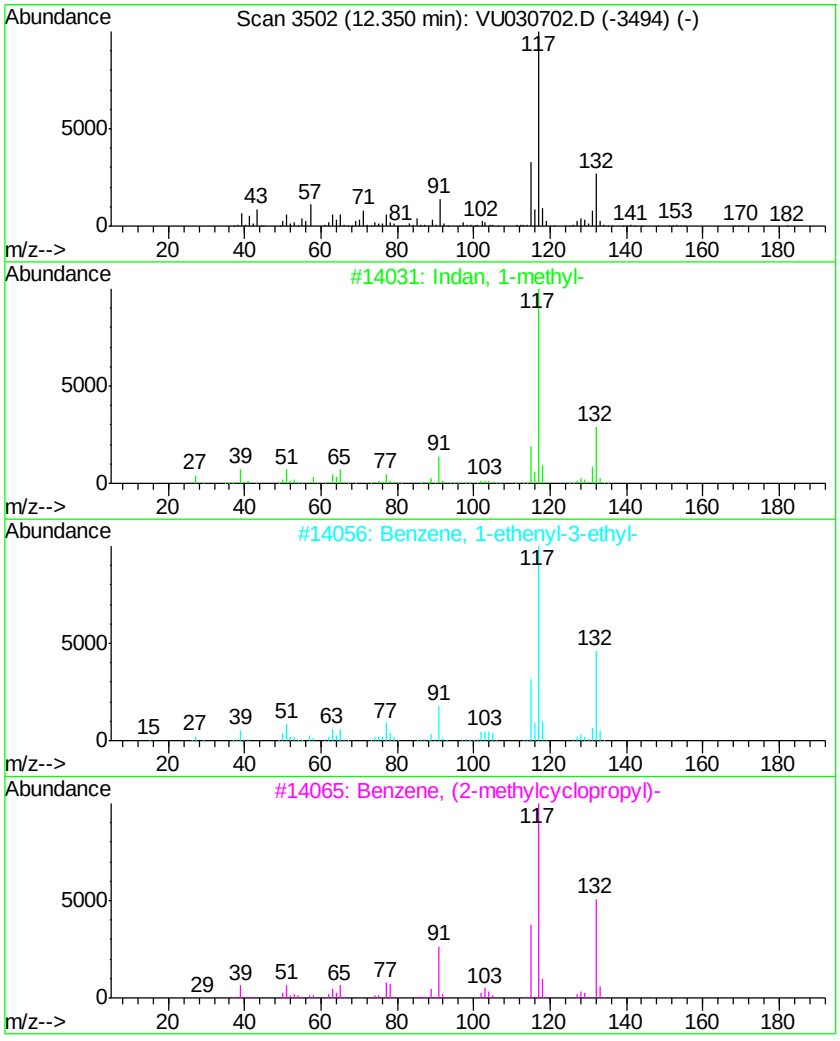
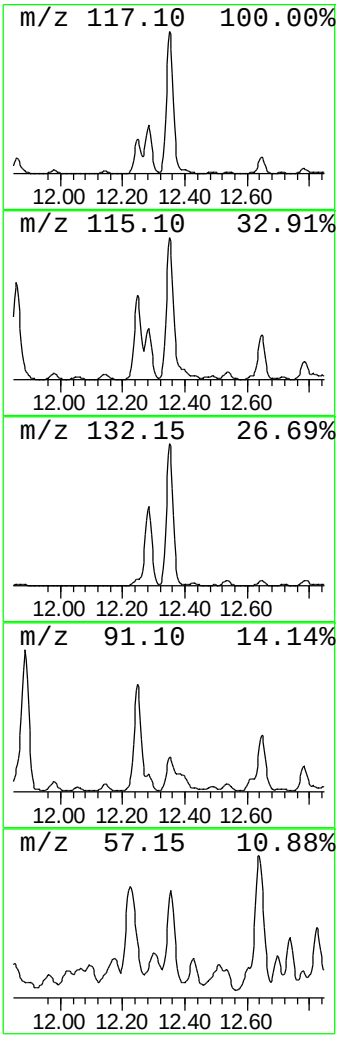
Peak Number 57 Indan, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	109.34 ug/L	3278060	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

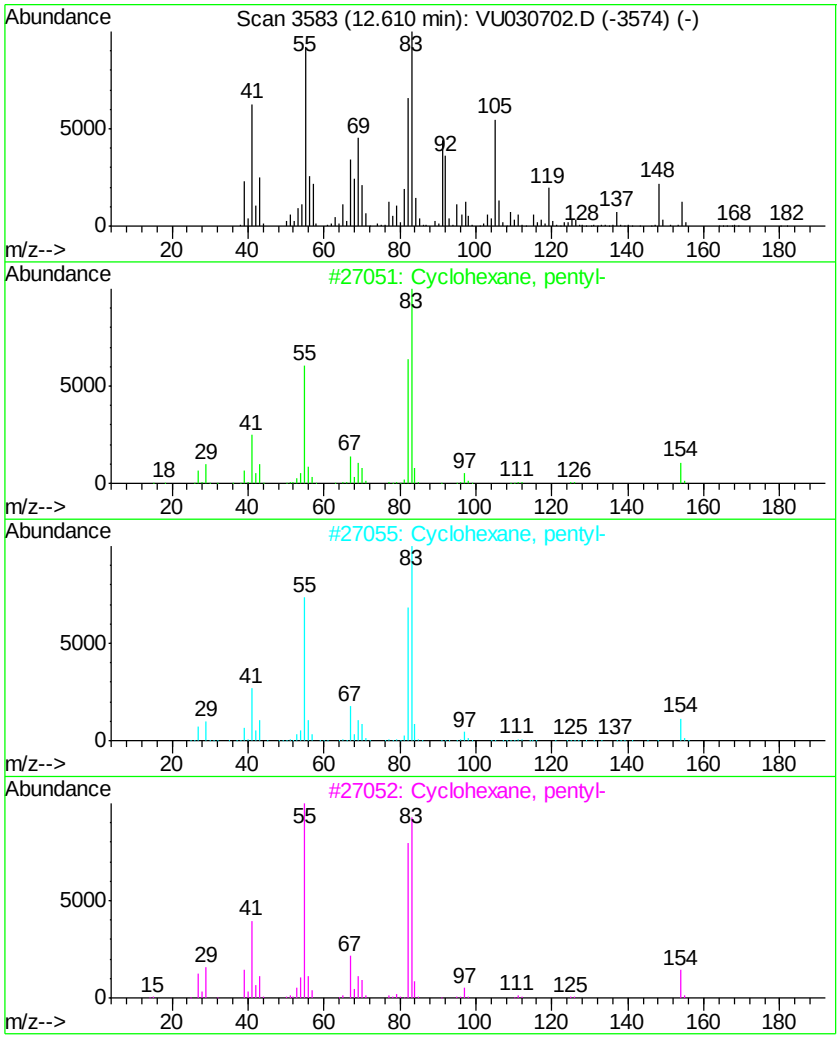
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

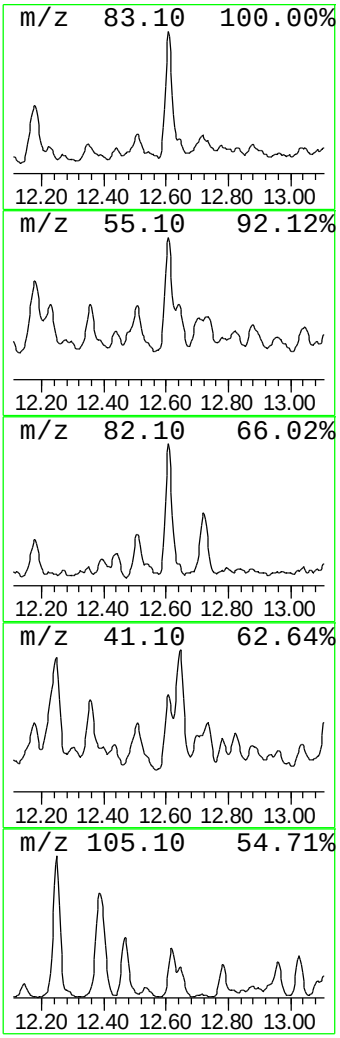
****

Peak Number 58 (DEL) Alkane: Cyclic12.61 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	27.12 ug/L	812934	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	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	47
5	Heptylcyclohexane	182	C13H26	005617-41-4	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

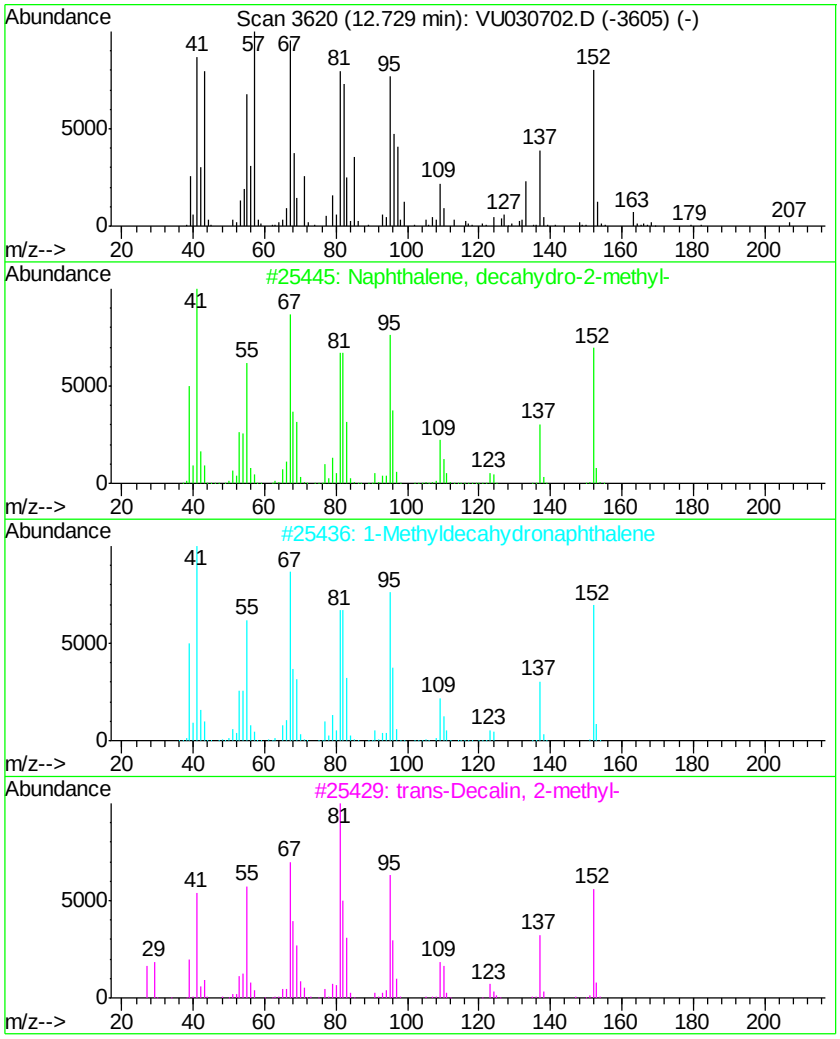
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

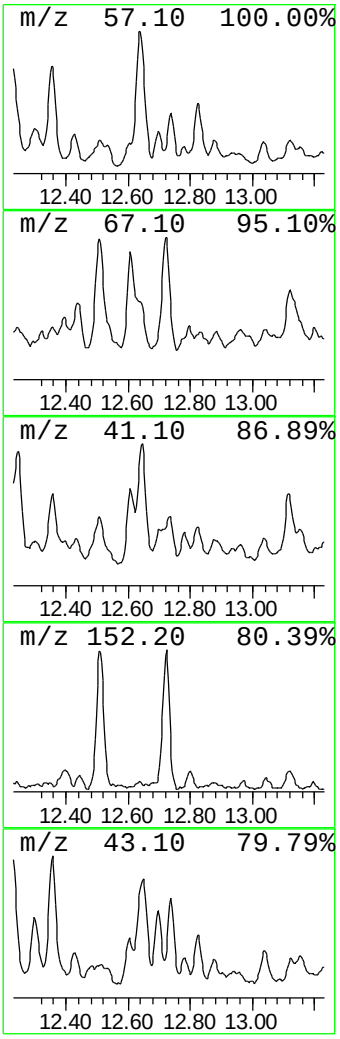
****

Peak Number 60 Naphthalene, decahydro-2-me... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	25.01 ug/L	749690	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

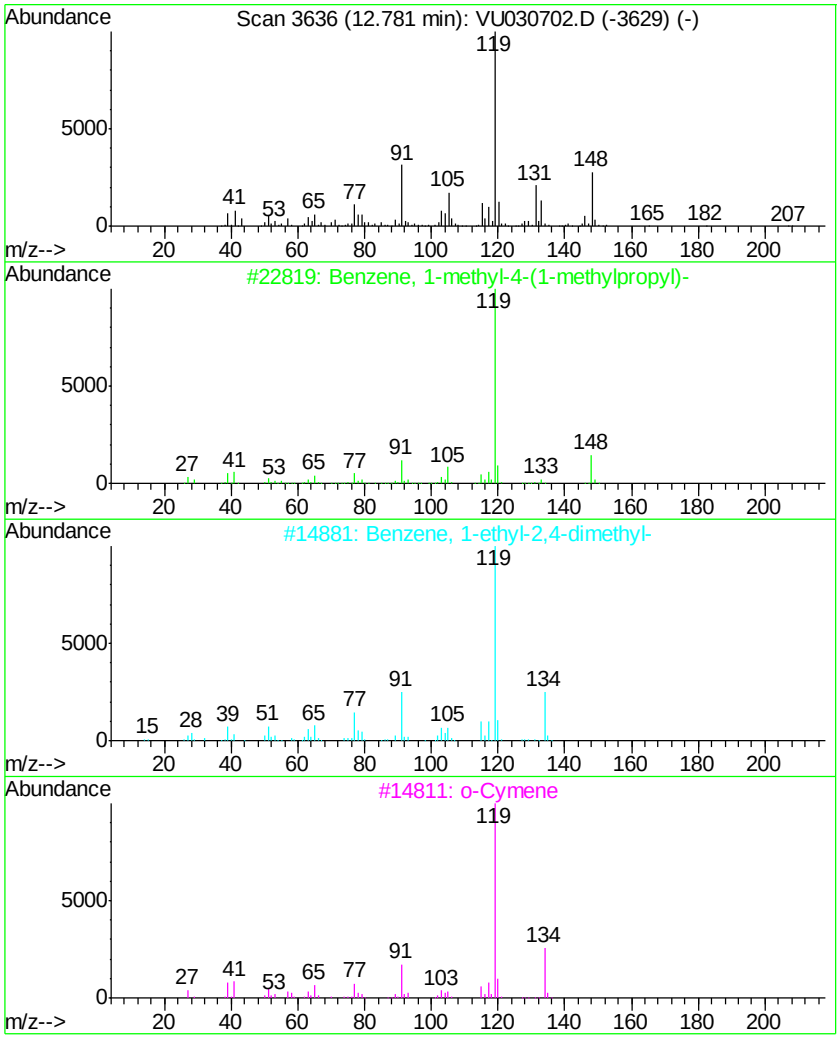
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

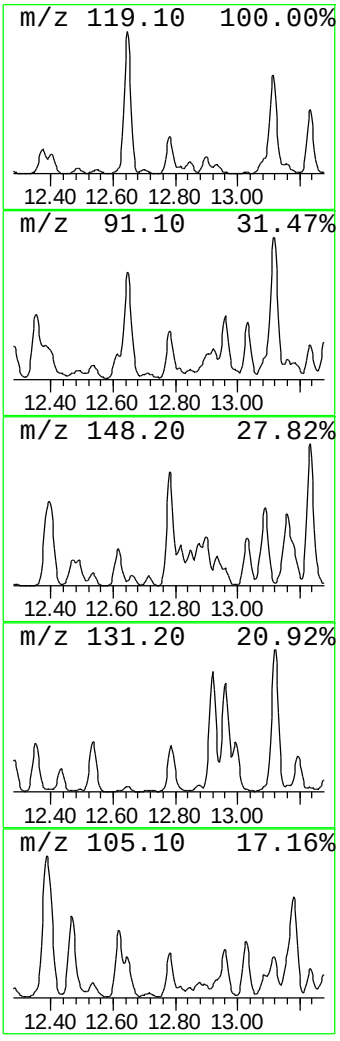
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	29.83 ug/L	894424	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, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

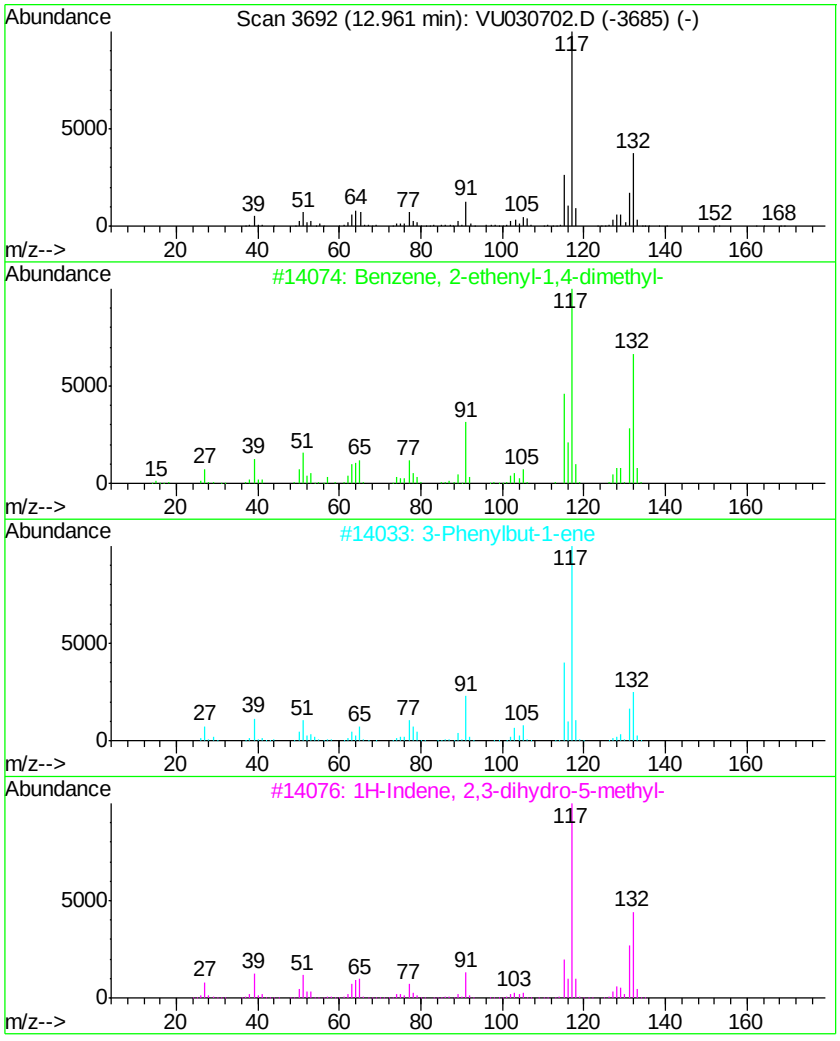
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

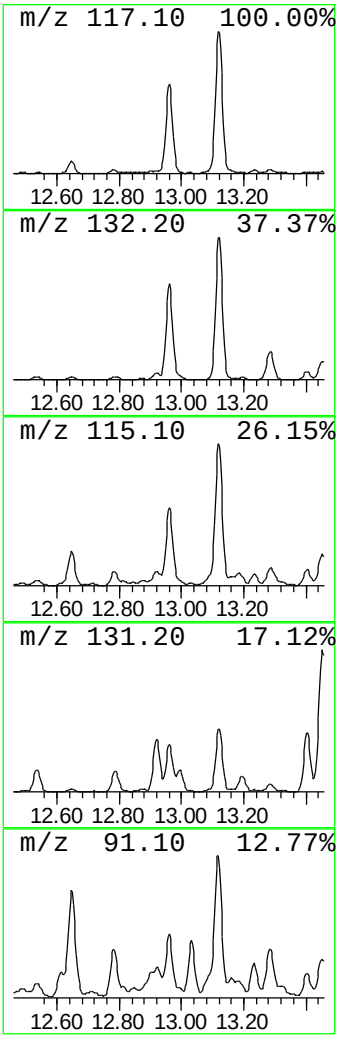
****

Peak Number 62 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	69.34 ug/L	2078750	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	92
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

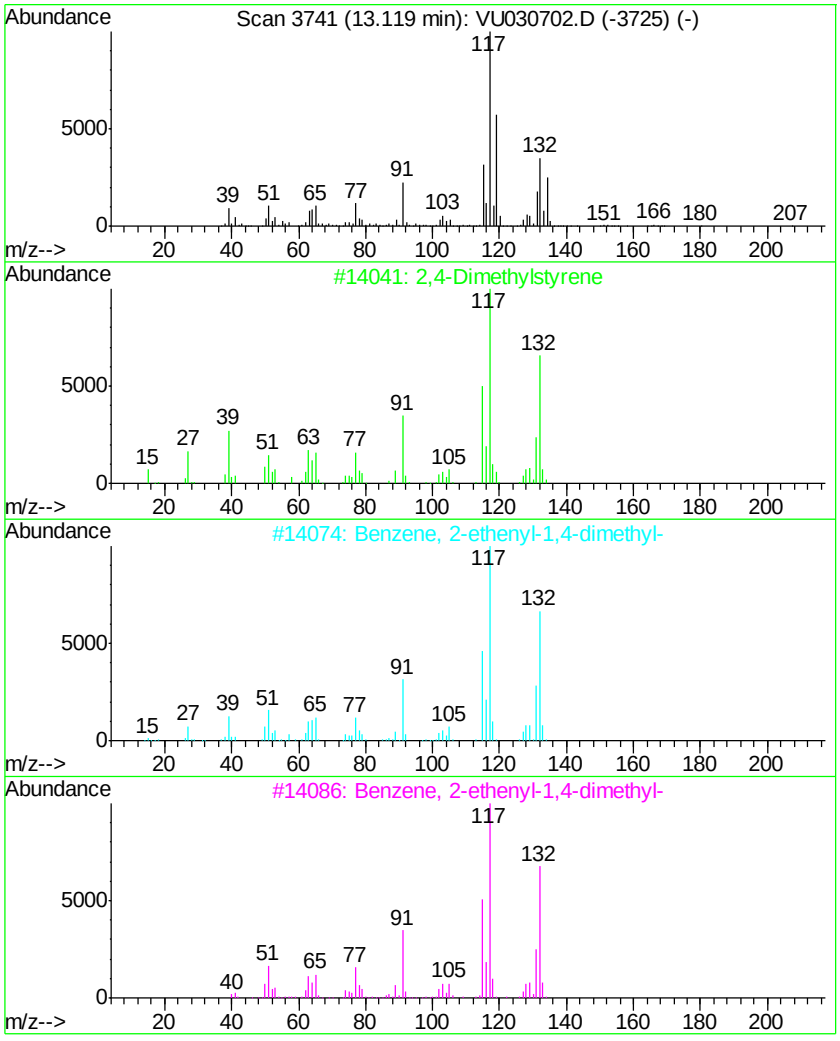
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

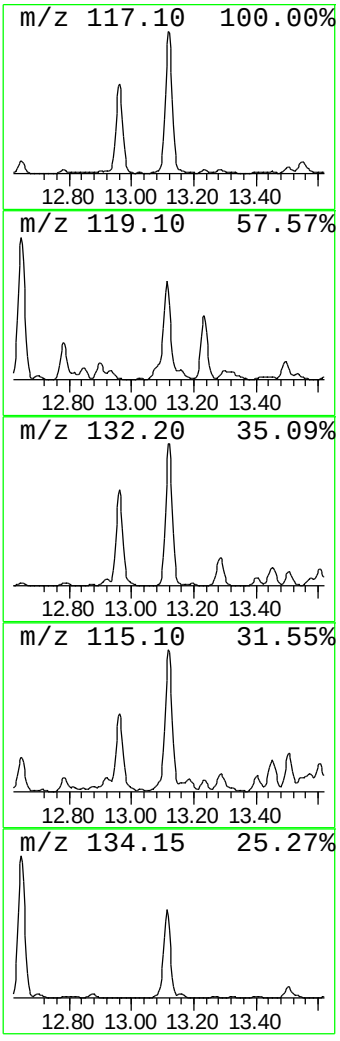
****

Peak Number 63 2,4-Dimethylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	166.71 ug/L	4998000	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

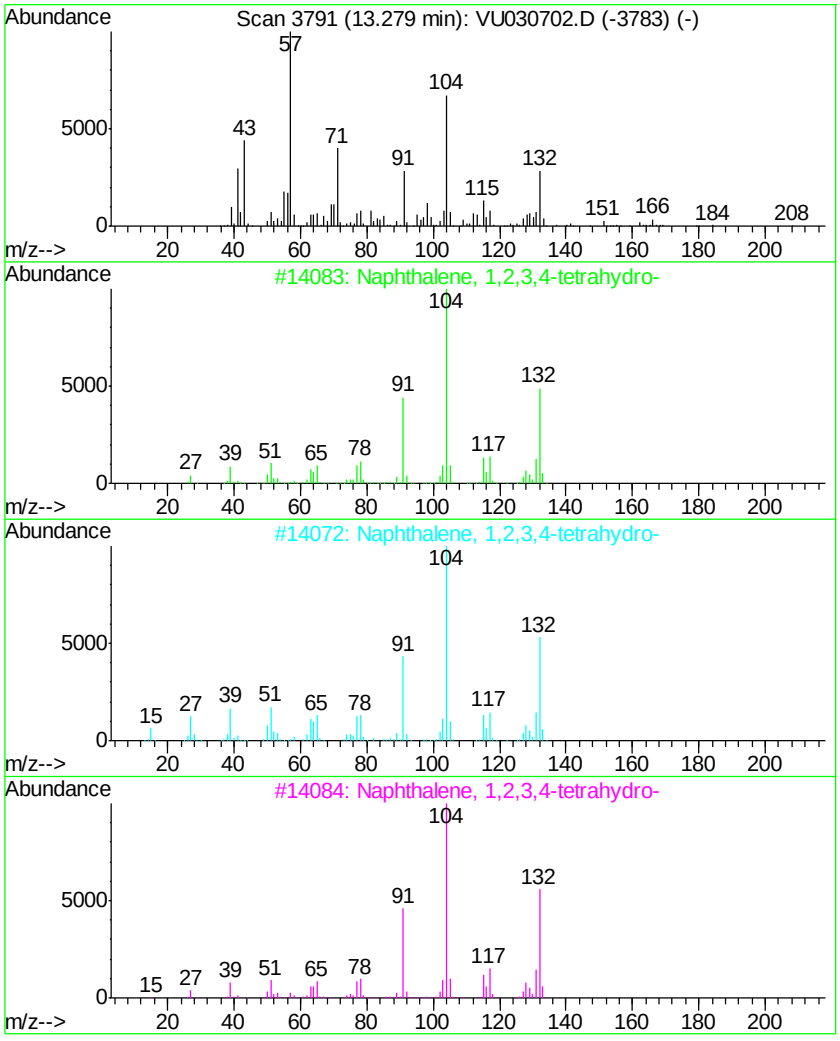
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

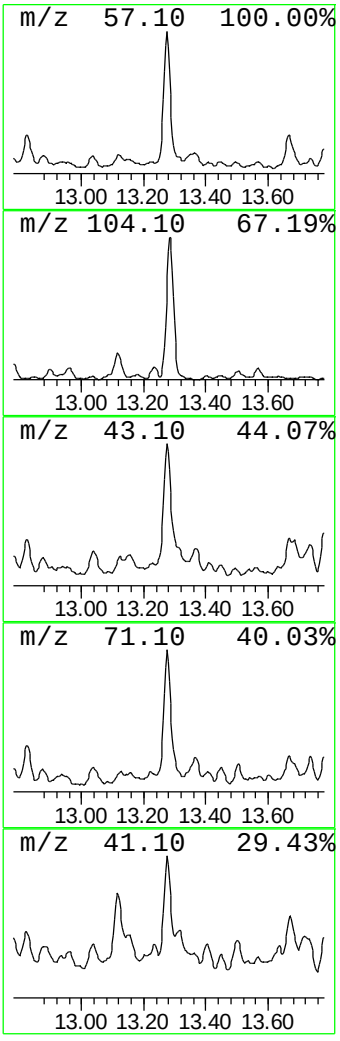
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	45.86 ug/L	1374890	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	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

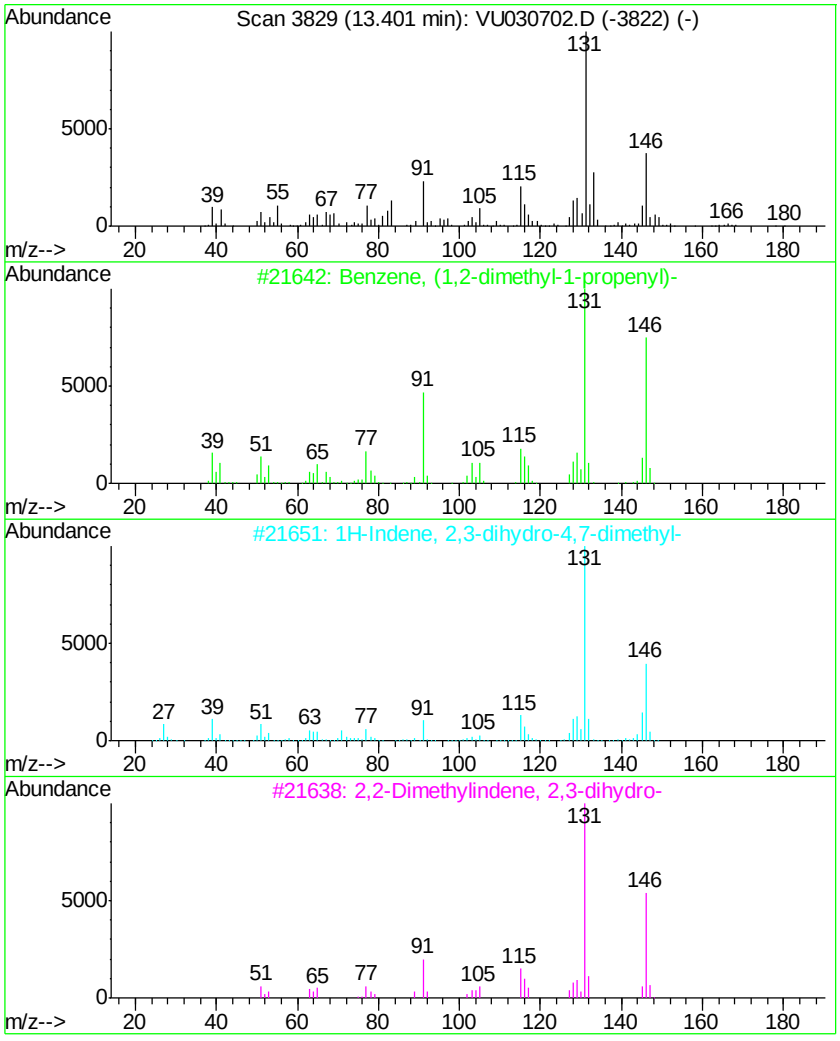
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

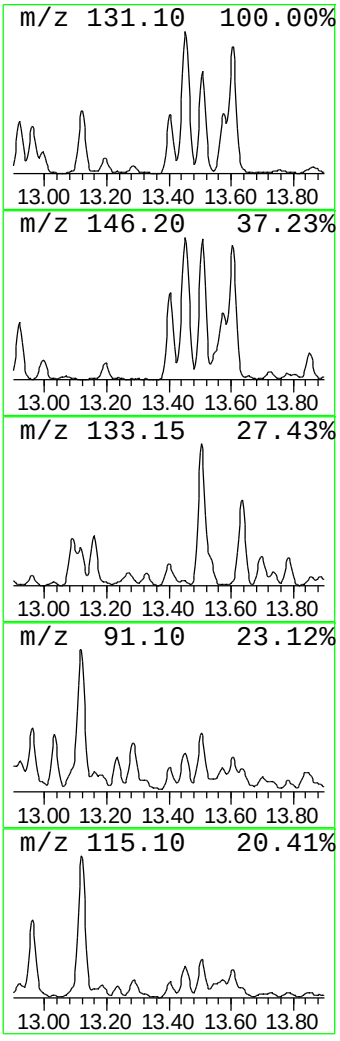
****

Peak Number 66 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	23.27 ug/L	697525	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

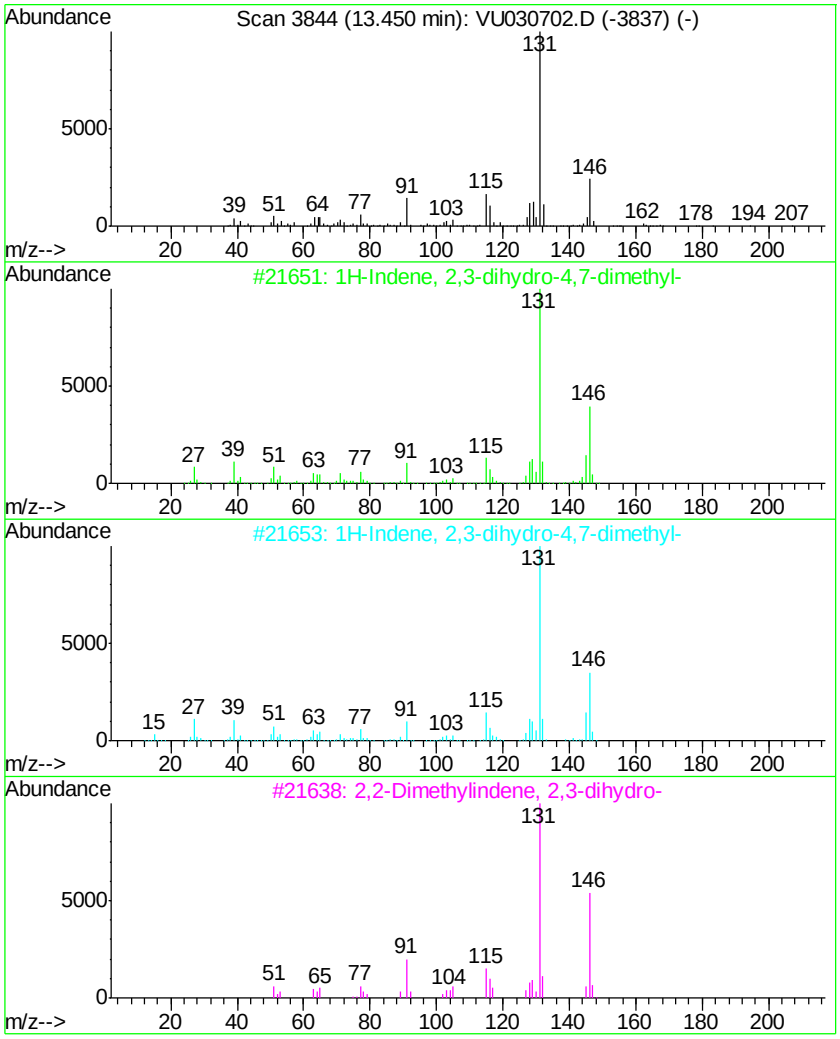
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

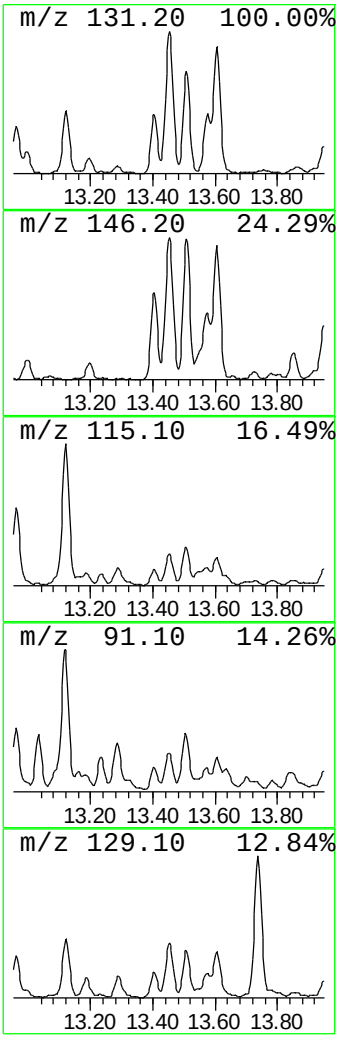
****

Peak Number 67 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	32.43 ug/L	972216	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	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Library Search Compound Report

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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

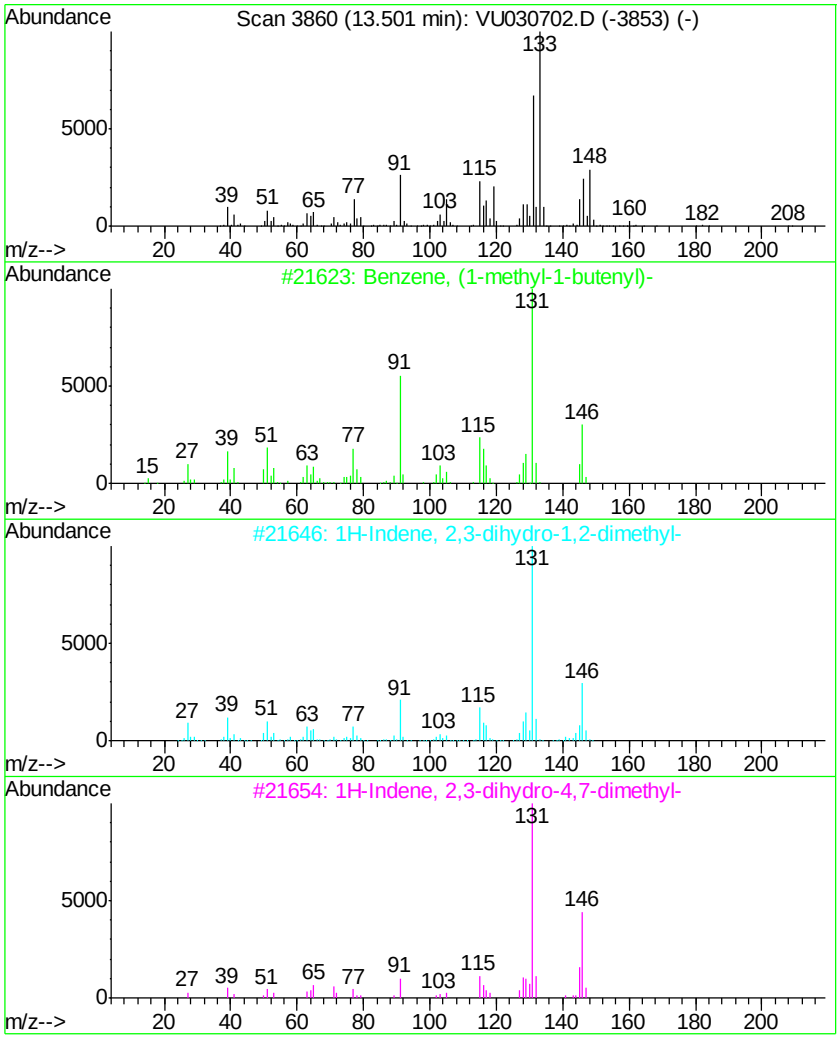
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

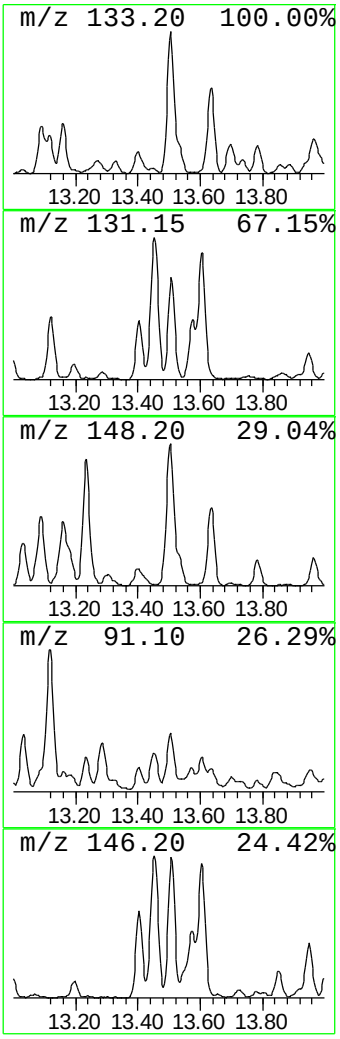
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, (1-methyl-1-butenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	52.89 ug/L	1585570	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	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50





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Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

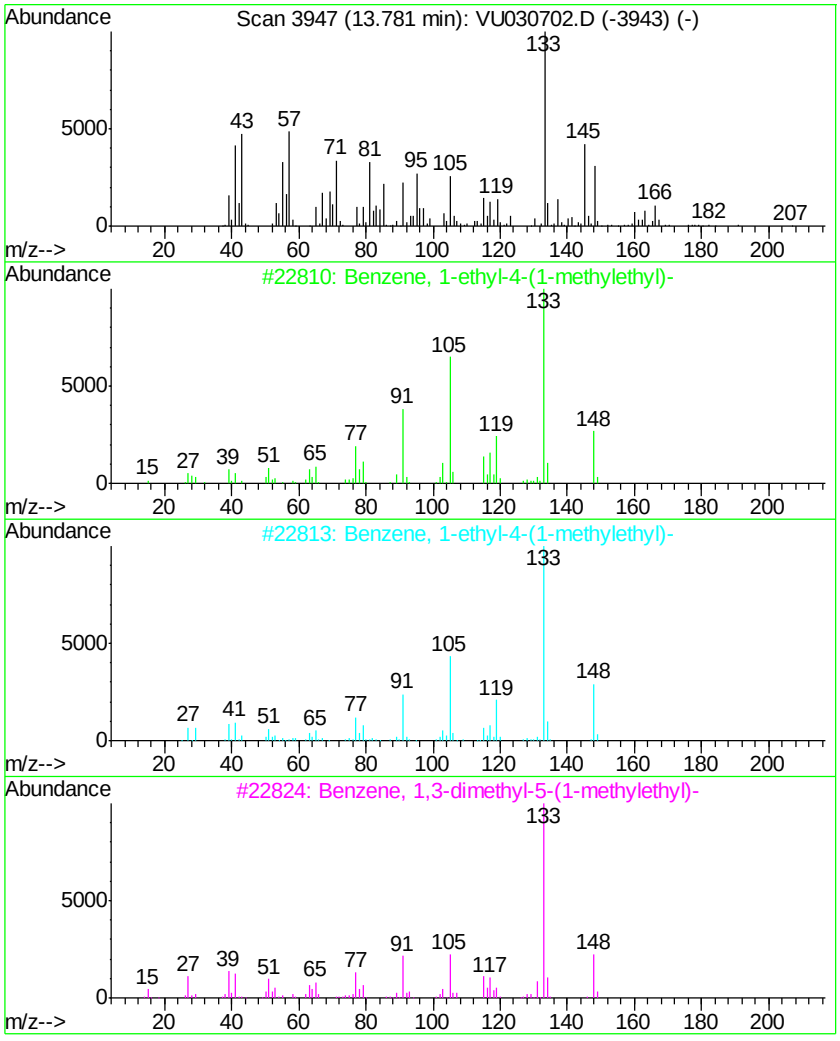
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

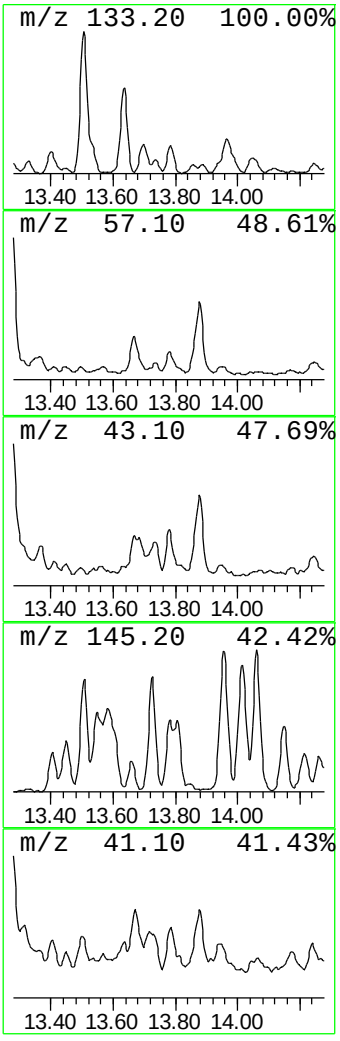
****

Peak Number 71 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	15.15 ug/L	454190	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	53
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

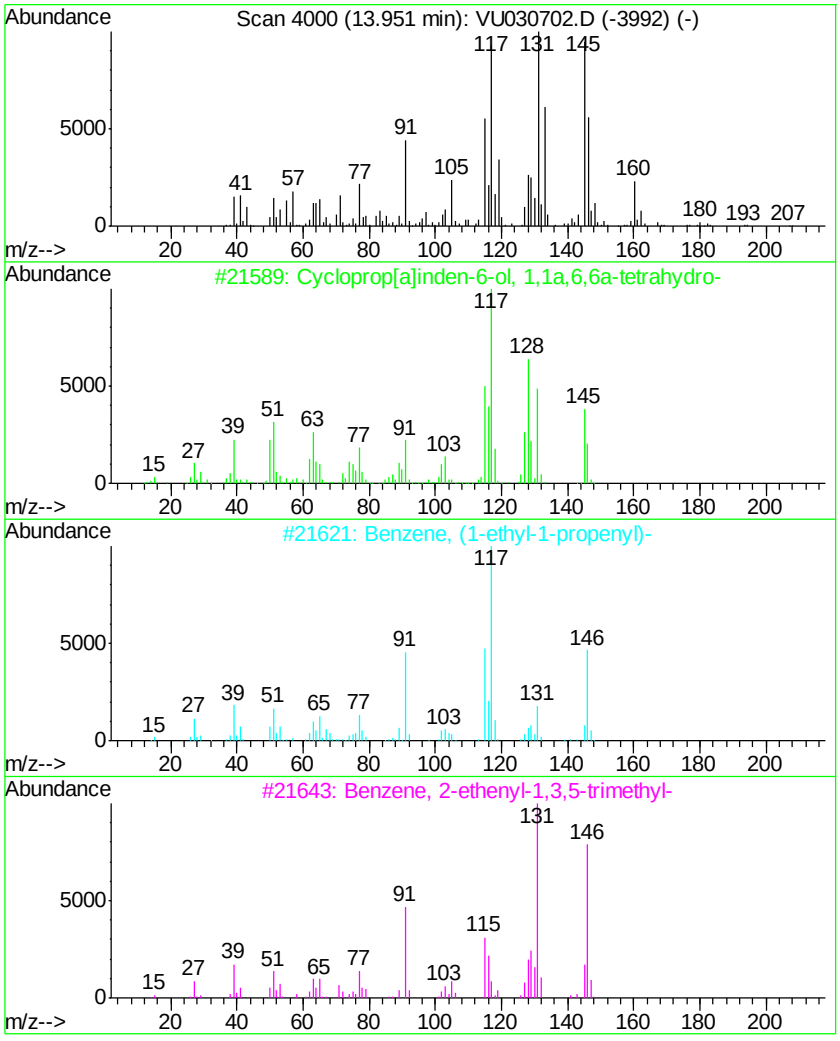
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

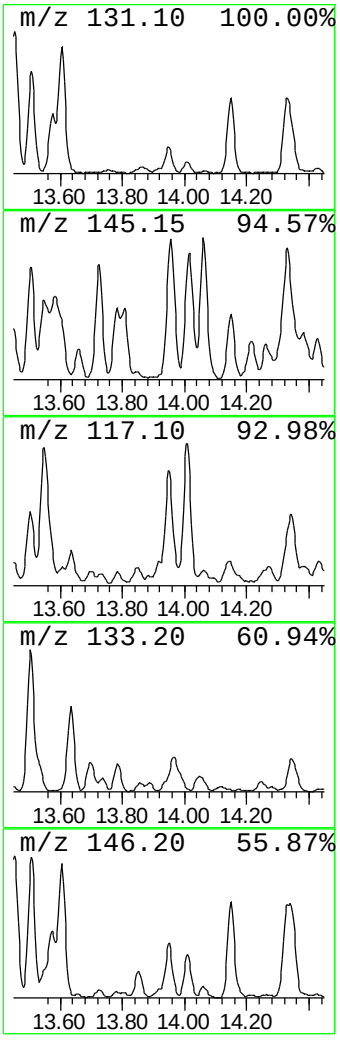
****

Peak Number 72 Cycloprop[a]inden-6-ol, 1,1... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	22.51 ug/L	674869	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]inden-6-ol, 1,1a,6,6...	146	C10H10O	022228-27-9	83
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	70
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
4	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	38
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

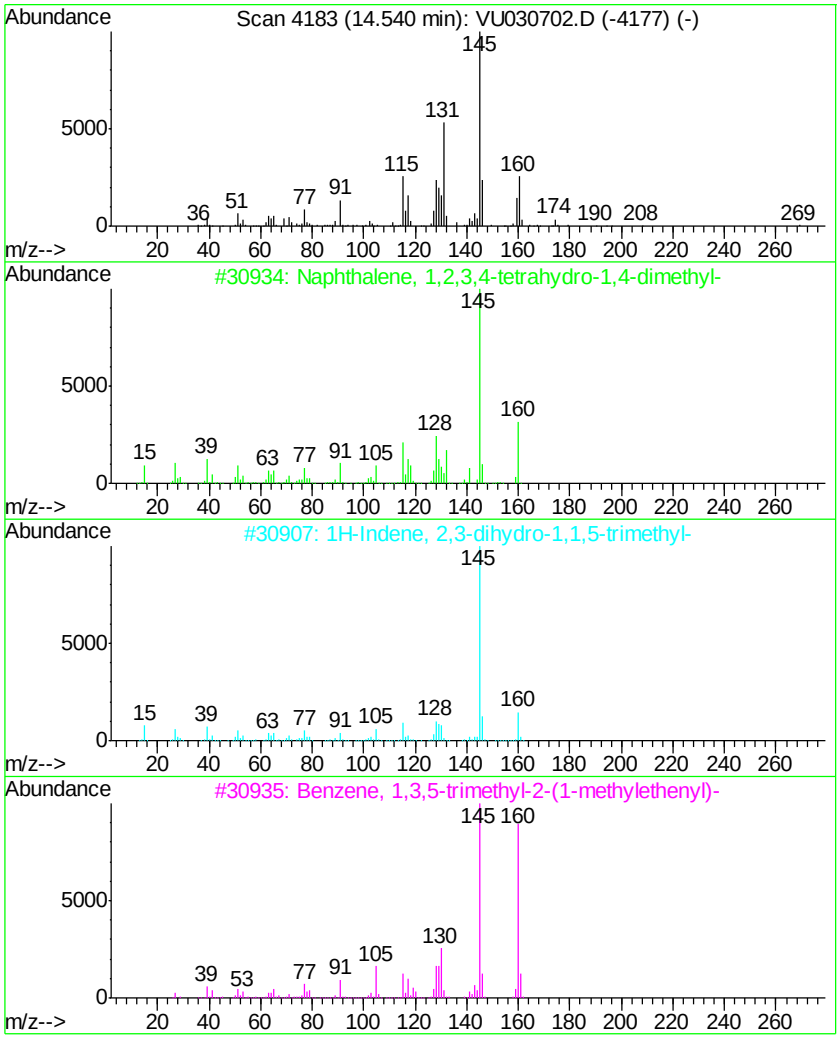
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

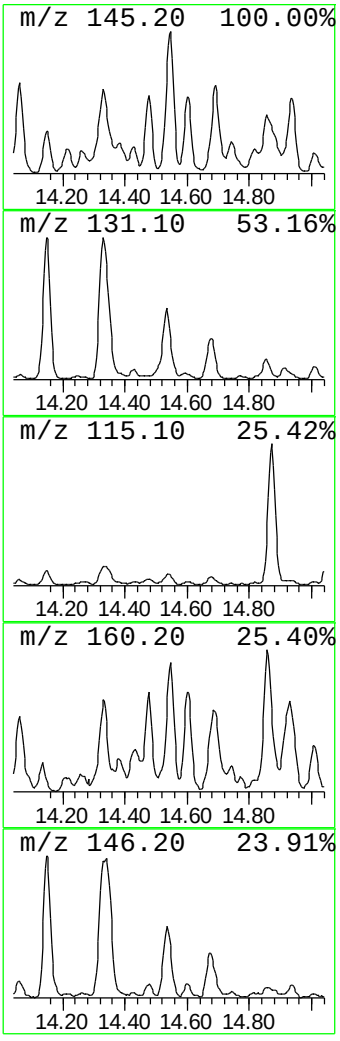
****

Peak Number 75 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	20.54 ug/L	615851	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

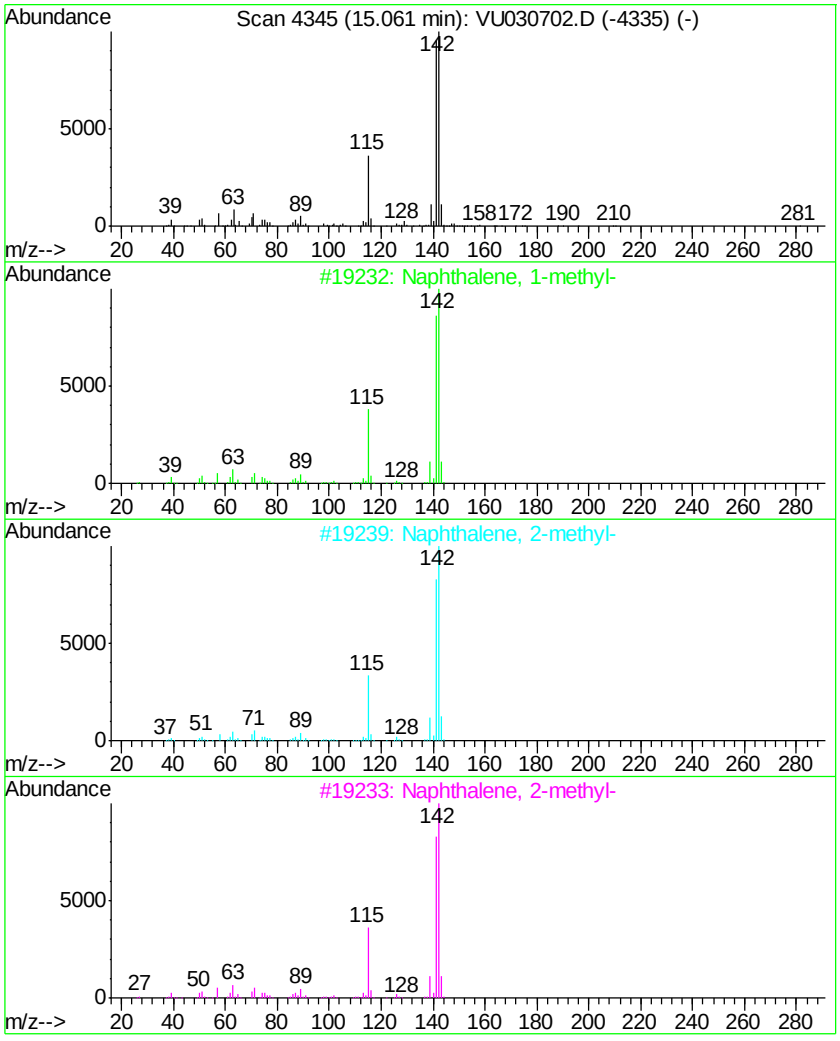
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

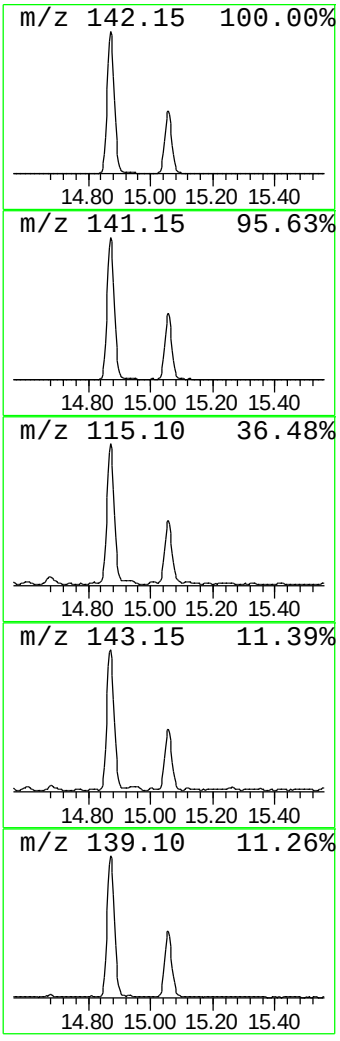
****

Peak Number 77 Naphthalene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	52.56 ug/L	1575840	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, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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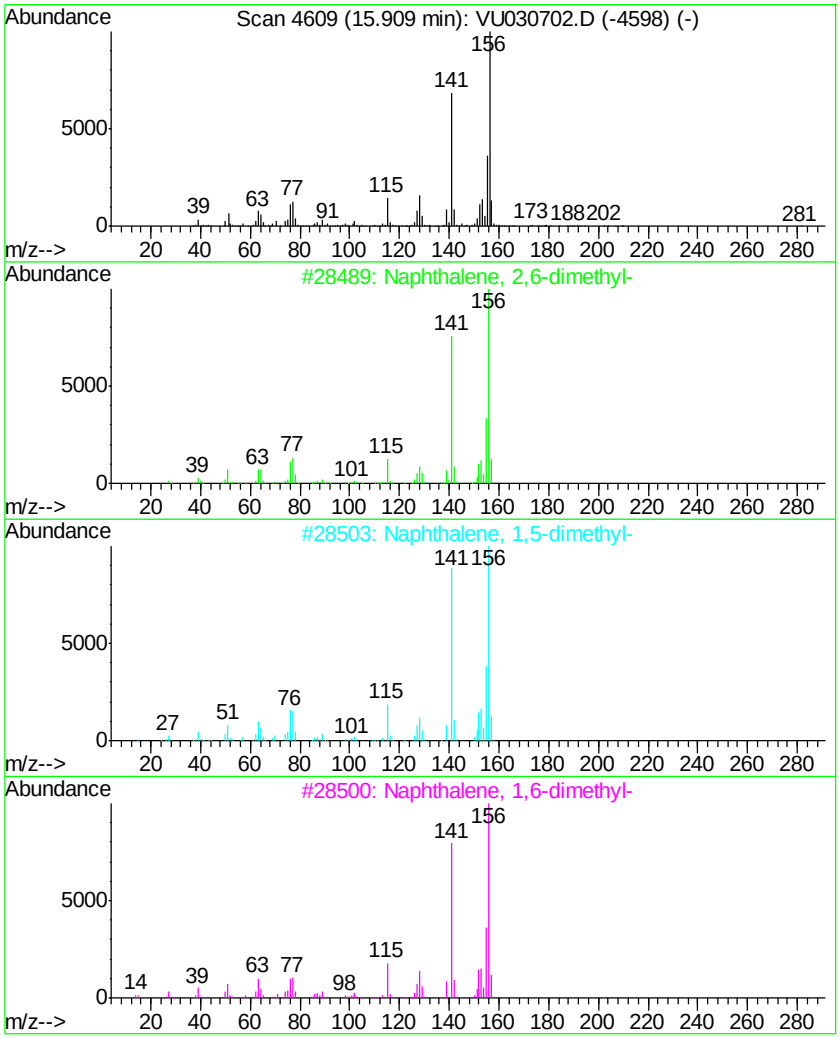
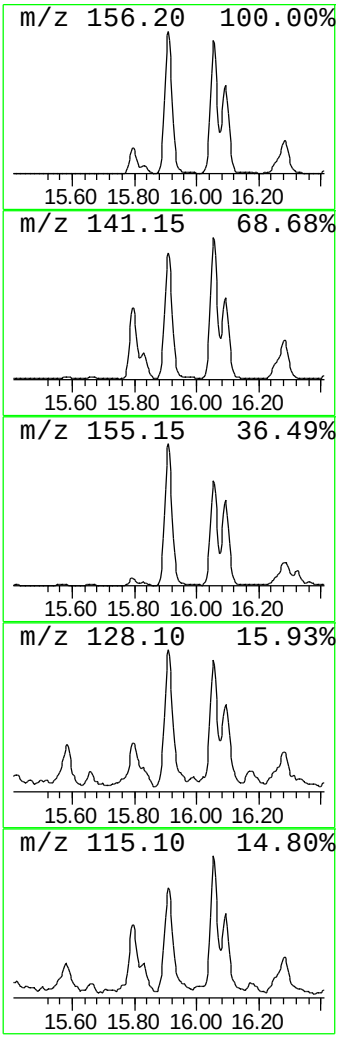
Peak Number 78 Naphthalene, 2,6-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	43.75 ug/L	1311500	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, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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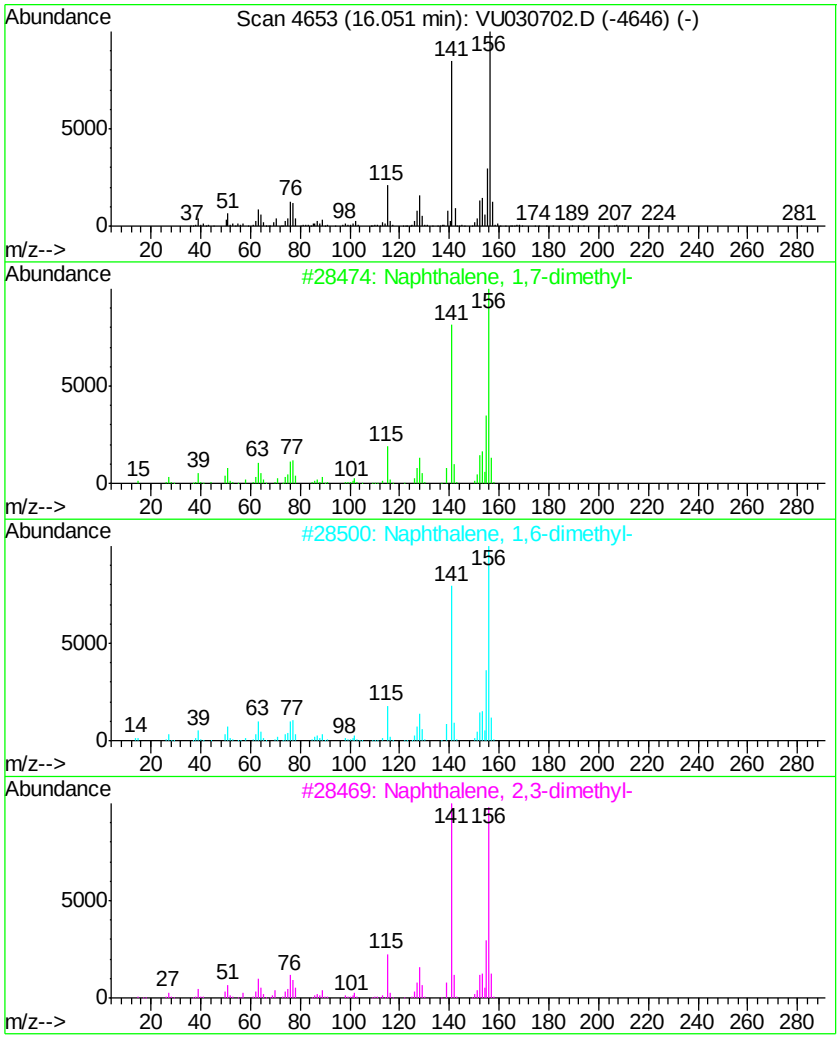
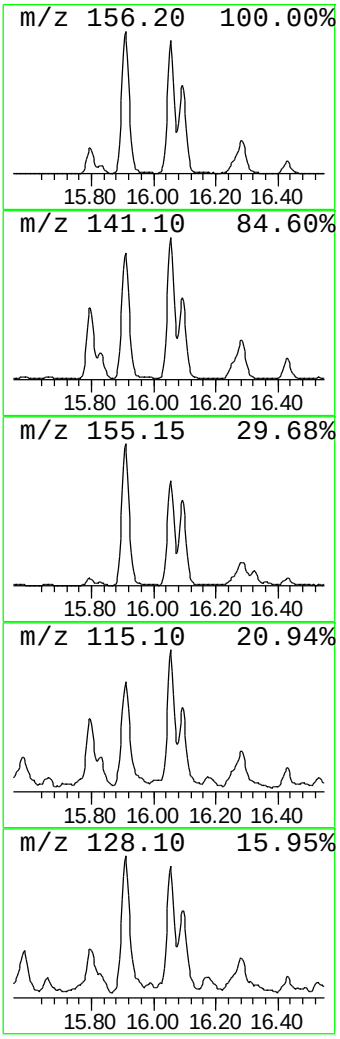
Peak Number 79 Naphthalene, 1,7-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	33.39 ug/L	1000900	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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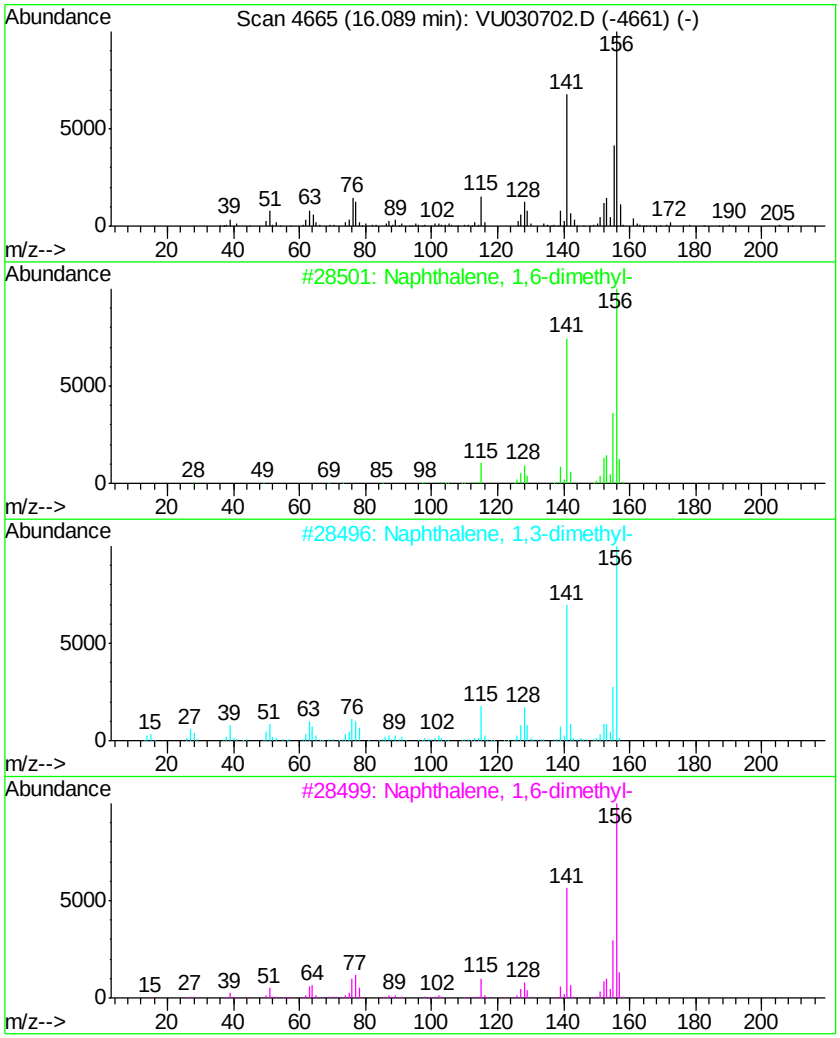
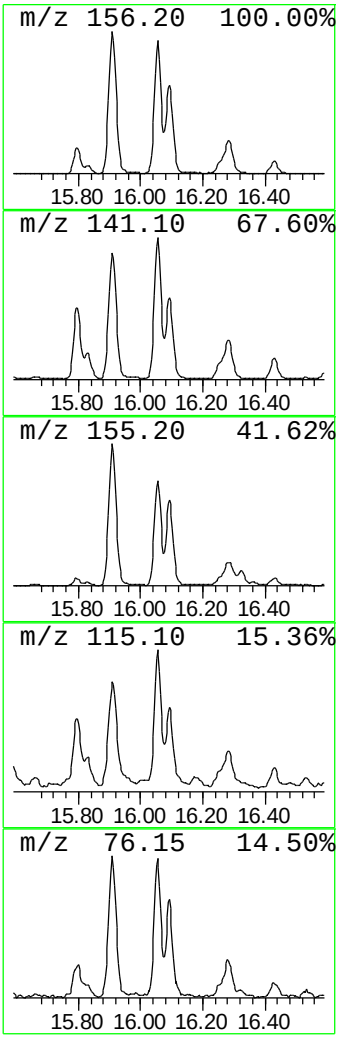
Peak Number 80 Naphthalene, 1,6-dimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	24.66 ug/L	739237	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, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030702.D
Acq On : 04 Apr 2019 22:51
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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	107.5	ug/L	2409170	1	5.88	1120160	50.0
(DEL) Alkane: Str...	2.96	74.5	ug/L	1669940	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	3.86	20.0	ug/L	448605	1	5.88	1120160	50.0
(DEL) Alkane: Str...	3.96	29.9	ug/L	671060	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	4.06	41.1	ug/L	921260	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	4.71	15.5	ug/L	347818	1	5.88	1120160	50.0
(DEL) Alkane: Str...	4.97	151.3	ug/L	3388390	1	5.88	1120160	50.0
(DEL) Alkane: Str...	5.06	90.5	ug/L	2026650	1	5.88	1120160	50.0
(DEL) Alkane: Str...	5.20	201.5	ug/L	4514080	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	5.47	73.6	ug/L	1648310	1	5.88	1120160	50.0
(DEL) Alkane: Str...	5.53	157.7	ug/L	3533520	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	5.61	80.5	ug/L	1803500	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	5.77	16.8	ug/L	376967	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	5.93	59.4	ug/L	1330740	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	6.21	48.8	ug/L	1093140	1	5.88	1120160	50.0
(DEL) Alkane: Str...	6.47	46.2	ug/L	1035560	1	5.88	1120160	50.0
(DEL) Alkane: Str...	6.52	51.8	ug/L	1161000	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	6.63	42.5	ug/L	952511	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	6.73	48.2	ug/L	1080770	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	6.83	25.0	ug/L	560904	1	5.88	1120160	50.0
(DEL) Alkane: Str...	6.92	104.7	ug/L	2344780	1	5.88	1120160	50.0
(DEL) Alkane: Str...	7.04	122.9	ug/L	2754190	1	5.88	1120160	50.0
(DEL) Alkane: Str...	7.10	41.6	ug/L	932765	1	5.88	1120160	50.0
(DEL) Alkane: Str...	7.17	164.1	ug/L	3675150	1	5.88	1120160	50.0
(DEL) Alkane: Str...	7.21	92.8	ug/L	2078860	1	5.88	1120160	50.0
(DEL) Alkane: Str...	7.33	160.8	ug/L	3601530	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	7.43	39.1	ug/L	876295	1	5.88	1120160	50.0
(DEL) Alkane: Cyc...	7.69	36.6	ug/L	962297	2	9.09	1314220	50.0
(DEL) Alkane: Cyc...	7.91	61.5	ug/L	1616840	2	9.09	1314220	50.0
(DEL) Alkane: Cyc...	8.04	44.3	ug/L	1163090	2	9.09	1314220	50.0
1,3-Dimethyl-1-cy...	8.09	25.6	ug/L	672959	2	9.09	1314220	50.0
(DEL) Alkane: Str...	8.22	21.0	ug/L	551948	2	9.09	1314220	50.0
(DEL) Alkane: Str...	8.45	60.5	ug/L	1589700	2	9.09	1314220	50.0
(DEL) Alkane: Cyc...	8.54	45.7	ug/L	1201390	2	9.09	1314220	50.0
(DEL) Alkane: Cyc...	8.60	59.8	ug/L	1570910	2	9.09	1314220	50.0
unknown-01	8.75	30.8	ug/L	809508	2	9.09	1314220	50.0
(DEL) Alkane: Str...	8.81	37.8	ug/L	994556	2	9.09	1314220	50.0
(DEL) Alkane: Str...	8.90	112.3	ug/L	2950880	2	9.09	1314220	50.0
(DEL) Alkane: Str...	9.03	130.3	ug/L	3424520	2	9.09	1314220	50.0
(DEL) Alkane: Cyc...	9.44	37.0	ug/L	973270	2	9.09	1314220	50.0
(DEL) Alkane: Cyc...	9.71	41.9	ug/L	1101410	2	9.09	1314220	50.0
(DEL) Alkane: Str...	9.81	32.8	ug/L	863071	2	9.09	1314220	50.0
(DEL) Alkane: Str...	9.95	101.8	ug/L	2676260	2	9.09	1314220	50.0
(DEL) Alkane: Cyc...	10.04	46.6	ug/L	1224710	2	9.09	1314220	50.0
(DEL) Alkane: Str...	10.32	34.3	ug/L	1029430	3	11.48	1499000	50.0
(DEL) Alkane: Cyc...	10.49	26.8	ug/L	802591	3	11.48	1499000	50.0
Benzene, propyl-	10.58	124.1	ug/L	3721040	3	11.48	1499000	50.0
(DEL) Alkane: Cyc...	10.75	21.9	ug/L	656218	3	11.48	1499000	50.0
(DEL) Alkane: Cyc...	10.81	15.5	ug/L	465200	3	11.48	1499000	50.0

Benzene, 1-ethyl-...	10.97	21.7	ug/L	651516	3	11.48	1499000	50.0
(DEL) Alkane: Str...	11.11	38.1	ug/L	1140950	3	11.48	1499000	50.0
Benzene, (2-methy...	11.29	28.4	ug/L	852166	3	11.48	1499000	50.0
Oxirane, 2-methyl...	11.32	30.4	ug/L	911607	3	11.48	1499000	50.0
(DEL) Alkane: Cyc...	11.39	23.4	ug/L	700689	3	11.48	1499000	50.0
Benzene, 2-propenyl-	11.77	140.7	ug/L	4219160	3	11.48	1499000	50.0
o-Cymene	12.25	167.4	ug/L	5017710	3	11.48	1499000	50.0
Indan, 1-methyl-	12.35	109.3	ug/L	3278060	3	11.48	1499000	50.0
(DEL) Alkane: Cyc...	12.61	27.1	ug/L	812934	3	11.48	1499000	50.0
Naphthalene, deca...	12.73	25.0	ug/L	749690	3	11.48	1499000	50.0
Benzene, 1-methyl...	12.78	29.8	ug/L	894424	3	11.48	1499000	50.0
Benzene, 2-etheny...	12.96	69.3	ug/L	2078750	3	11.48	1499000	50.0
2,4-Dimethylstyrene	13.12	166.7	ug/L	4998000	3	11.48	1499000	50.0
Naphthalene, 1,2,...	13.28	45.9	ug/L	1374890	3	11.48	1499000	50.0
Benzene, (1,2-dim...	13.40	23.3	ug/L	697525	3	11.48	1499000	50.0
1H-Indene, 2,3-di...	13.45	32.4	ug/L	972216	3	11.48	1499000	50.0
Benzene, (1-methy...	13.50	52.9	ug/L	1585570	3	11.48	1499000	50.0
Benzene, 1-ethyl-...	13.78	15.2	ug/L	454190	3	11.48	1499000	50.0
Cycloprop[a]inden...	13.95	22.5	ug/L	674869	3	11.48	1499000	50.0
Naphthalene, 1,2,...	14.54	20.5	ug/L	615851	3	11.48	1499000	50.0
Naphthalene, 1-me...	15.06	52.6	ug/L	1575840	3	11.48	1499000	50.0
Naphthalene, 2,6-...	15.91	43.8	ug/L	1311500	3	11.48	1499000	50.0
Naphthalene, 1,7-...	16.05	33.4	ug/L	1000900	3	11.48	1499000	50.0
Naphthalene, 1,6-...	16.09	24.7	ug/L	739237	3	11.48	1499000	50.0

Instrument :
MSVOA_U
ClientSampleId :
BF641