LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

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\SOMULM040920WMA.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	1.610	76	84	95	rVB	235396	267281	0.96%	0.055%
2	1.816	124	148	149	rBV6	39938	98371	0.35%	0.020%
3	1.884	163	169	179	rBV	187853	205124	0.74%	0.042%
4	2.559	366	379	393	rBV	383320	623274	2.25%	0.129%
5	4.678	1022	1038	1081	rVB2	183748	622462	2.24%	0.128%
6	5.099	1149	1169	1201	rBV	351880	844598	3.05%	0.174%
7	5.485	1276	1289	1307	rVB	94596	212729	0.77%	0.044%
8	5.661	1335	1344	1354	rVV2	47767	108024	0.39%	0.022%
9	5.752	1354	1372	1393	rVV2	864969	2181409	7.87%	0.450%
10	5.874	1394	1410	1421	rVV2	189497	403147	1.45%	0.083%
11	5.944	1421	1432	1442	rVV2	142943	299453	1.08%	0.062%
12	6.012	1442	1453	1470	rVB	211593	435950	1.57%	0.090%
13	6.279	1516	1536	1555	rBV	832339	1661200	5.99%	0.343%
14	6.629	1629	1645	1658	rVV	113310	221917	0.80%	0.046%
15	6.719	1658	1673	1679	rVV	516960	1032611	3.72%	0.213%
16	6.784	1680	1693	1702	rVV3	1020501	2823601	10.18%	0.582%
17	6.829	1702	1707	1716	rVV	386022	659479	2.38%	0.136%
18	6.887	1716	1725	1737	rVV	550533	1035609	3.73%	0.214%
19	7.002	1751	1761	1772	rVV	123466	222808	0.80%	0.046%
20	7.092	1772	1789	1808	rVB3	828521	1828064	6.59%	0.377%
21	7.256	1818	1840	1862	rVB3	979518	1966945	7.09%	0.406%
22	7.401	1873	1885	1889	rBV2	53992	93084	0.34%	0.019%
23	7.446	1889	1899	1908	rBV	459382	799136	2.88%	0.165%
24	7.494	1908	1914	1928	rVB	261778	470876	1.70%	0.097%
25	7.600	1928	1947	1955	rBV2	458510	1194048	4.31%	0.246%
26	7.713	1971	1982	1992	rVB	549753	928836	3.35%	0.192%
27	7.777	1992	2002	2017	rVB5	238559	624561	2.25%	0.129%
28	7.877	2017	2033	2040	rBV2	3485715	6927775	24.98%	1.429%
29	8.057	2073	2089	2100	rBV4	794744	2310157	8.33%	0.476%
30	8.115	2101	2107	2121	rVB	851614	1499167	5.41%	0.309%
31	8.205	2121	2135	2141	rBV2	317093	611911	2.21%	0.126%
32	8.263	2141	2153	2169	rVB3	3064096	5997663	21.63%	1.237%
33	8.388	2169	2192	2202	rBV	1236792	2324745	8.38%	0.479%
34	8.452	2202	2212	2216	rBV6	302850	530357	1.91%	0.109%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
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Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

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\SOMULM040920WMA.M
Title : VOC Analysis

35	8.488	2217	2223	2233	rVB	584358	986557	3.56%	0.203%
36	8.555	2233	2244	2257	rVB2	1266573	2169104	7.82%	0.447%
37	8.655	2257	2275	2289	rBV2	2946495	6648394	23.97%	1.371%
38	8.777	2301	2313	2319	rBV	1905918	3232404	11.66%	0.667%
39	8.819	2320	2326	2337	rVV7	1310697	3300766	11.90%	0.681%
40	8.883	2338	2346	2355	rVV	3136191	5365566	19.35%	1.107%
41	8.944	2355	2365	2374	rVV	4817438	8642676	31.16%	1.782%
42	8.989	2375	2379	2398	rVB6	1239117	2550069	9.20%	0.526%
43	9.089	2399	2410	2417	rBV	1217183	2129201	7.68%	0.439%
44	9.137	2417	2425	2431	rVV	2554018	3903094	14.07%	0.805%
45	9.185	2431	2440	2452	rVB2	4434824	7689073	27.73%	1.586%
46	9.346	2468	2490	2499	rBV2	1250653	2576642	9.29%	0.531%
47	9.443	2510	2520	2529	rBV2	1056932	1913706	6.90%	0.395%
48	9.494	2530	2536	2540	rBV3	366478	455074	1.64%	0.094%
49	9.530	2541	2547	2553	rVB	666988	883400	3.19%	0.182%
50	9.578	2553	2562	2576	rVB2	1963261	3754457	13.54%	0.774%
51	9.684	2576	2595	2602	rBV7	2353924	6275258	22.63%	1.294%
52	9.735	2602	2611	2618	rVV2	5211752	7679832	27.69%	1.584%
53	9.777	2618	2624	2648	rVB2	3977324	7902288	28.49%	1.630%
54	9.902	2648	2663	2675	rBV5	1710355	4198050	15.14%	0.866%
55	9.970	2675	2684	2693	rBV3	878332	1610771	5.81%	0.332%
56	10.041	2693	2706	2718	rBV4	6880697	19501615	70.32%	4.022%
57	10.137	2730	2736	2747	rVB3	2628936	3839582	13.85%	0.792%
58	10.263	2759	2775	2791	rBV4	9201809	27016791	97.42%	5.572%
59	10.330	2791	2796	2800	rVV2	2396367	3595613	12.97%	0.742%
60	10.375	2800	2810	2816	rVV3	12216173	24152312	87.09%	4.981%
61	10.410	2817	2821	2832	rVV3	9332004	13939035	50.26%	2.875%
62	10.484	2833	2844	2856	rVB6	2323359	5483043	19.77%	1.131%
63	10.571	2856	2871	2884	rBV7	7055066	18024677	64.99%	3.717%
64	10.716	2907	2916	2923	rBV2	2996869	5503444	19.84%	1.135%
65	10.783	2931	2937	2940	rBV2	1191392	1594817	5.75%	0.329%
66	10.828	2943	2951	2971	rVB8	7690929	16816311	60.64%	3.468%
67	10.922	2974	2980	2985	rBV2	940550	1255960	4.53%	0.259%
68	10.973	2986	2996	3006	rBV4	4636481	9630407	34.73%	1.986%
69	11.031	3007	3014	3022	rBV5	4972045	8326416	30.02%	1.717%
70	11.082	3023	3030	3038	rVB	6548699	9601049	34.62%	1.980%
71	11.144	3039	3049	3059	rVB5	6181792	12992500	46.85%	2.679%

LSC Area Percent Report

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Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

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\SOMULM040920WMA.M
Title : VOC Analysis

72	11.205	3060	3068	3078	rVB6	2213481	4350931	15.69%	0.897%
73	11.259	3079	3085	3090	rBV2	1297222	1674615	6.04%	0.345%
74	11.327	3091	3106	3118	rBV5	6255307	14656400	52.85%	3.023%
75	11.391	3120	3126	3132	rBV7	2156267	3134281	11.30%	0.646%
76	11.433	3132	3139	3146	rVB	5612311	7648246	27.58%	1.577%
77	11.478	3146	3153	3158	rBV4	3094589	5074299	18.30%	1.046%
78	11.591	3180	3188	3191	rBV	2670985	3895441	14.05%	0.803%
79	11.729	3223	3231	3238	rBV	7170880	10169554	36.67%	2.097%
80	11.835	3256	3264	3276	rBV8	2674845	5575841	20.11%	1.150%
81	11.947	3290	3299	3301	rBV4	1591267	2556761	9.22%	0.527%
82	12.115	3341	3351	3363	rBV5	4648204	9233531	33.29%	1.904%
83	12.201	3368	3378	3394	rVV3	13830257	27732529	100.00%	5.719%
84	12.401	3434	3440	3454	rVB5	3966236	8785507	31.68%	1.812%
85	12.690	3524	3530	3537	rBV3	2158244	3693242	13.32%	0.762%
86	12.857	3573	3582	3598	rVB7	6977187	16018213	57.76%	3.303%
87	12.951	3600	3611	3618	rBV2	5373585	10222659	36.86%	2.108%
88	12.996	3620	3625	3634	rVB	4681854	6623023	23.88%	1.366%
89	13.076	3641	3650	3659	rVB3	5956751	8992716	32.43%	1.855%
90	13.131	3661	3667	3685	rVB6	2156109	4703397	16.96%	0.970%
91	13.224	3688	3696	3707	rBV3	2256028	3934211	14.19%	0.811%
92	13.475	3766	3774	3792	rVB3	5149460	10165398	36.66%	2.096%
93	13.619	3814	3819	3824	rBV4	823119	1160818	4.19%	0.239%
94	13.767	3856	3865	3872	rBV8	713752	1371669	4.95%	0.283%
95	13.864	3887	3895	3904	rBV3	1146545	1768806	6.38%	0.365%
96	14.089	3953	3965	3976	rBV5	965070	2138566	7.71%	0.441%
97	14.150	3977	3984	3994	rVB2	736870	1139093	4.11%	0.235%
98	14.703	4148	4156	4169	rVB6	213123	450545	1.62%	0.093%
99	15.259	4319	4329	4339	rBV	336312	525989	1.90%	0.108%
100	15.449	4381	4388	4403	rVB2	167051	290554	1.05%	0.060%

Sum of corrected areas: 484893161

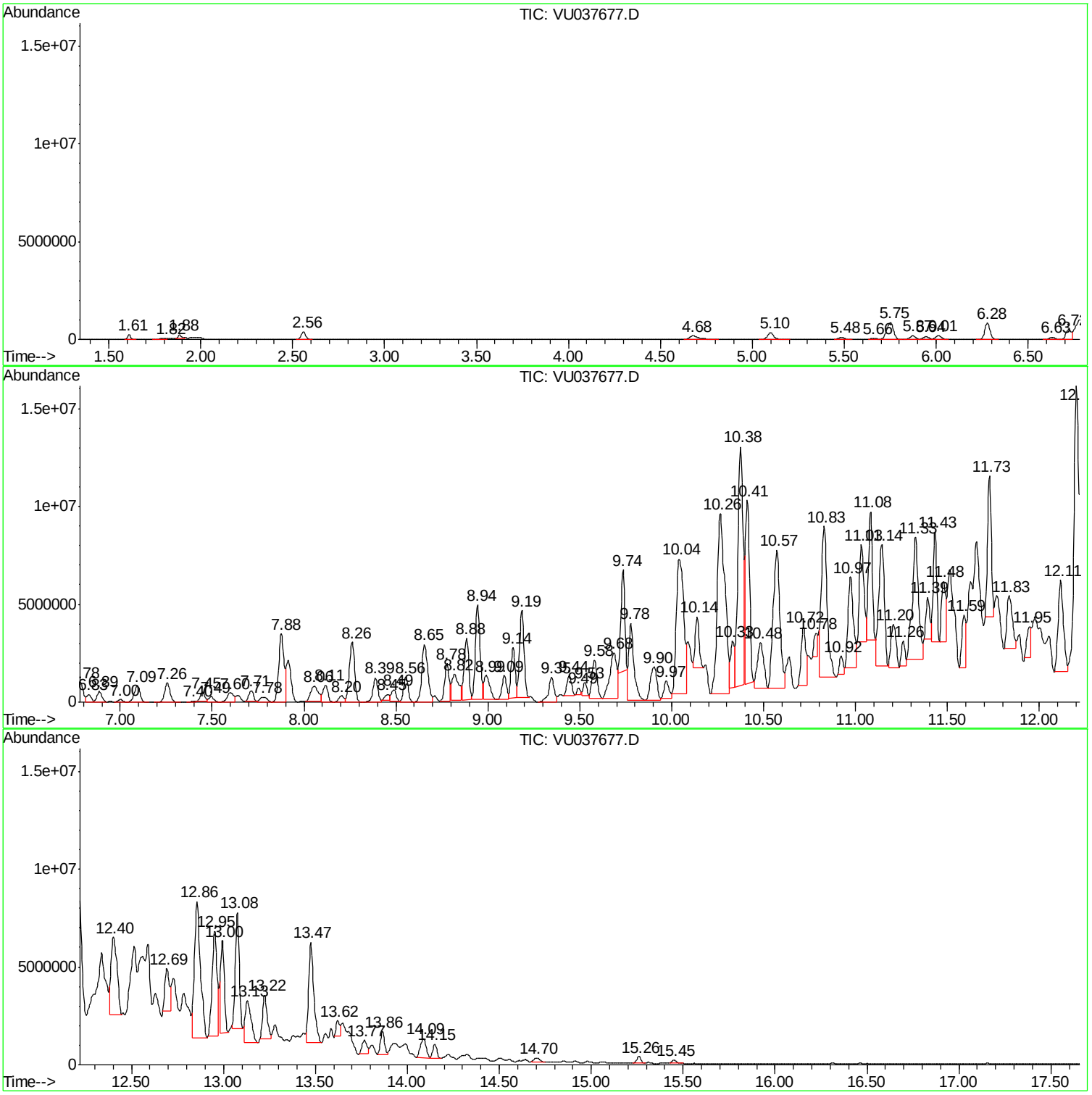
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.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\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

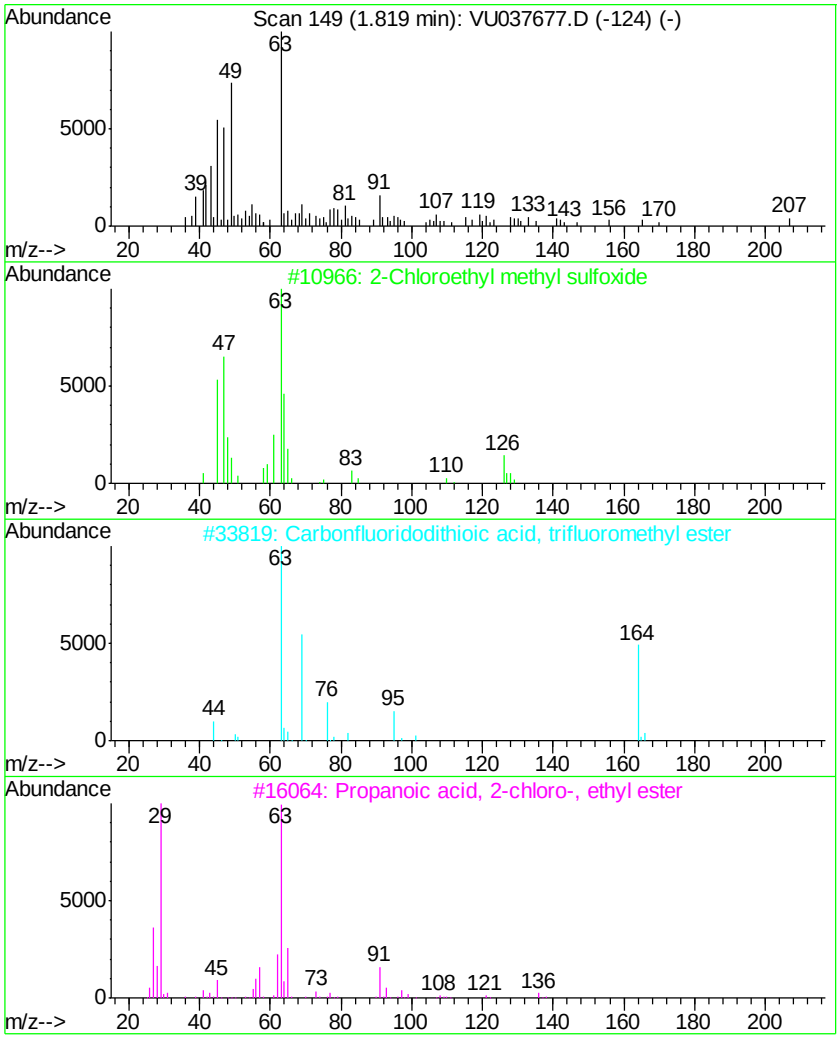
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

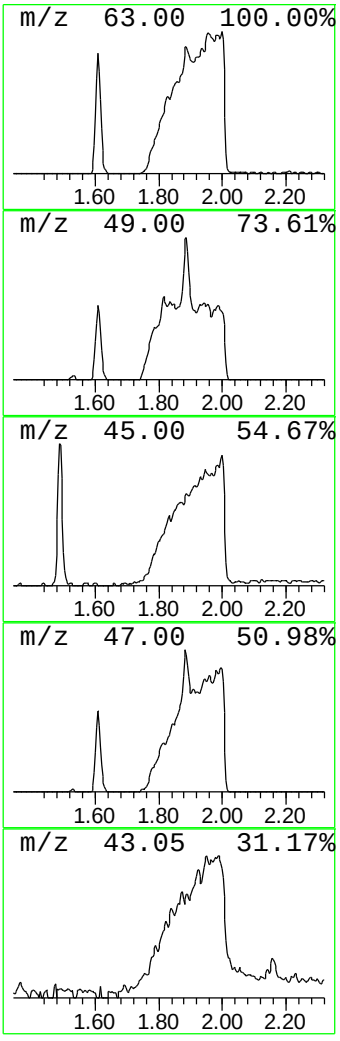
****

Peak Number 1 unknown-01 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	2.96 ug/L	98371	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl methyl sulfoxide	126	C3H7ClOS	005331-57-7	23
2	Carbonfluoridodithioic acid, tri...	164	C2F4S2	000371-73-3	12
3	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	12
4	Divinyldithiophosphinic acid	150	C4H7PS2	085417-00-1	12
5	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

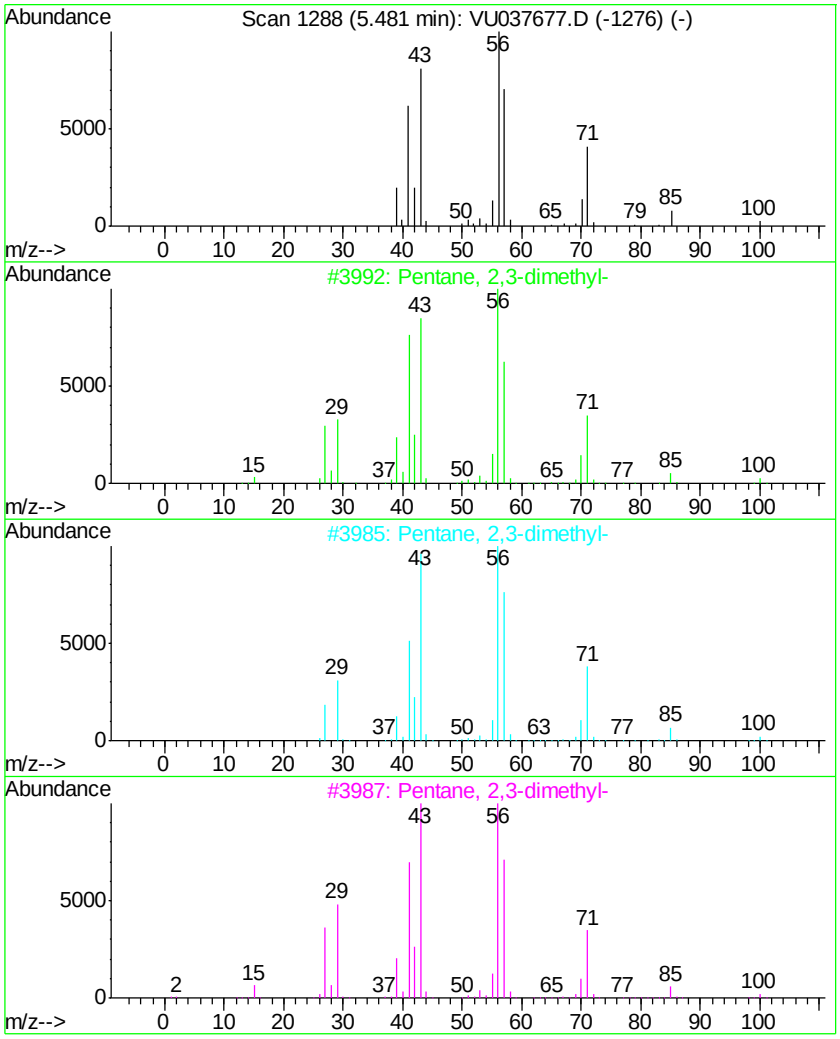
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

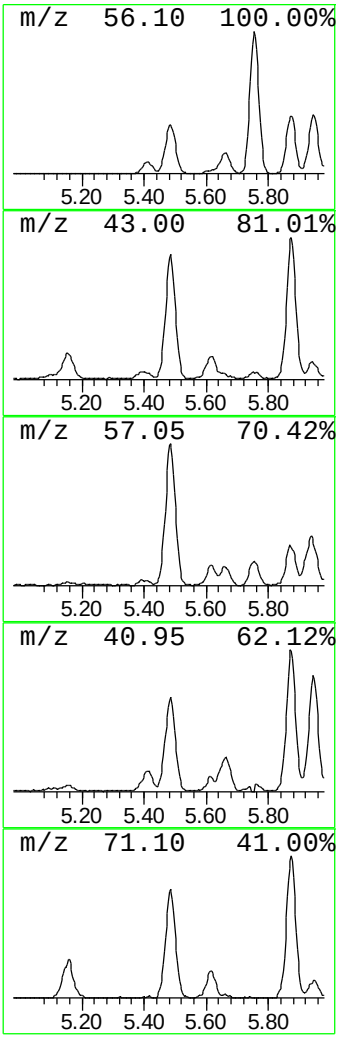
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	6.40 ug/L	212729	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
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Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

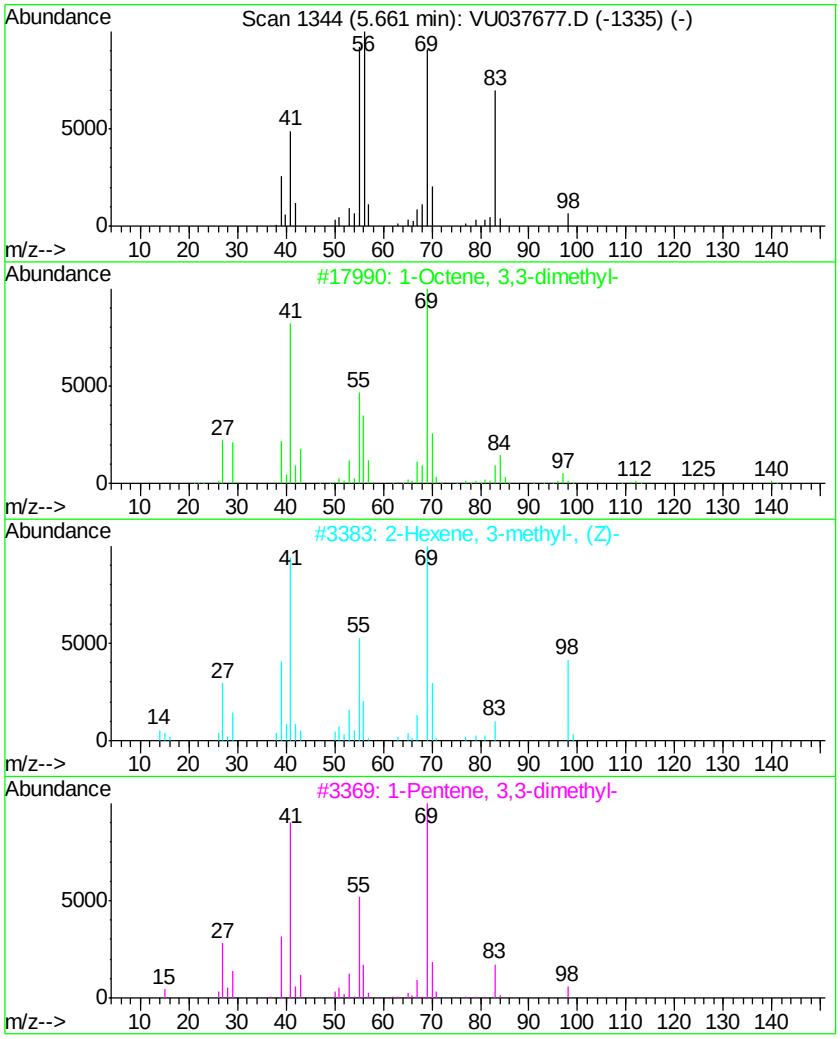
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

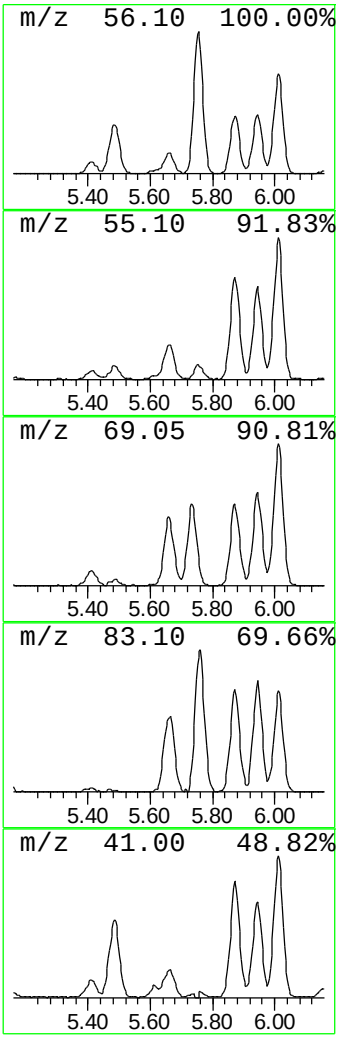
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	3.25 ug/L	108024	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

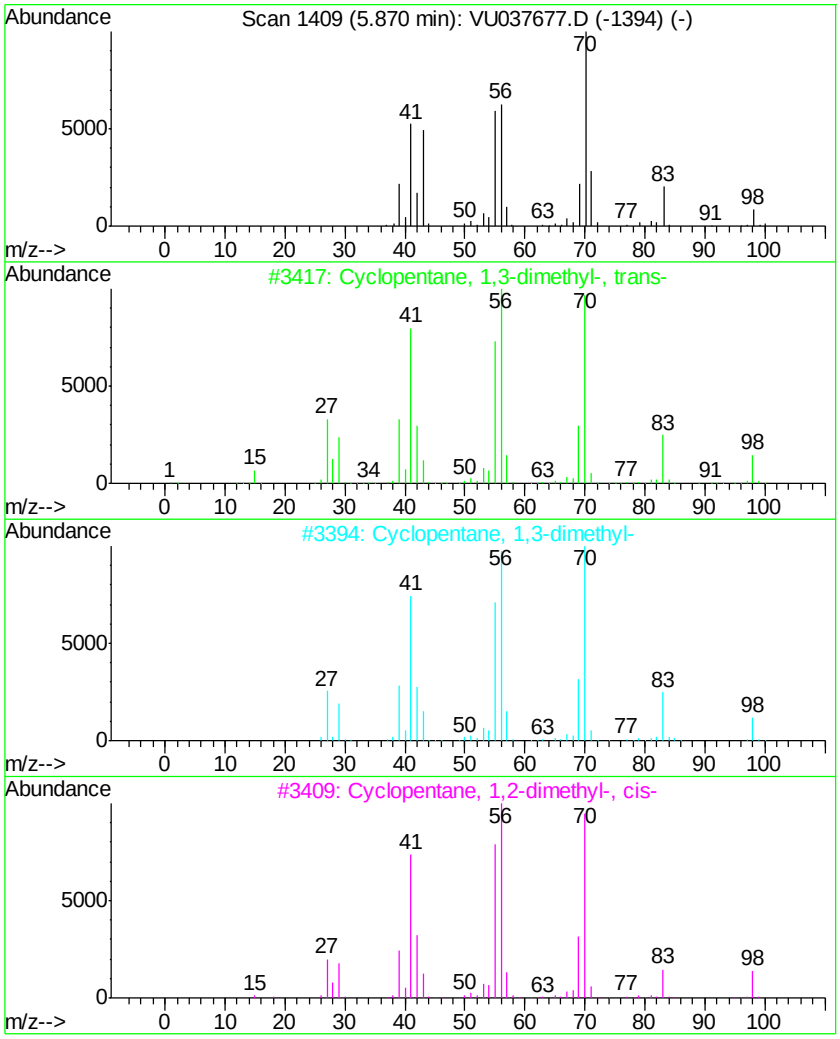
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

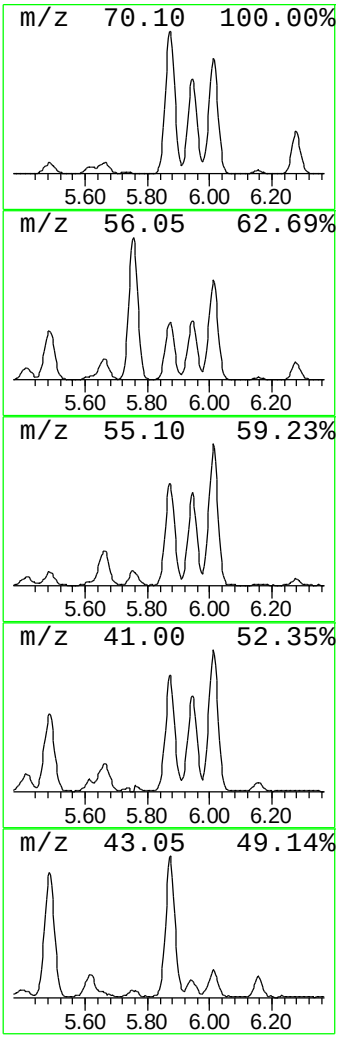
****

Peak Number 4 (DEL) Alkane: Cyclic5.87 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	12.13 ug/L	403147	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	60
5	Undecane, 3-methylene-	168	C12H24	071138-64-2	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

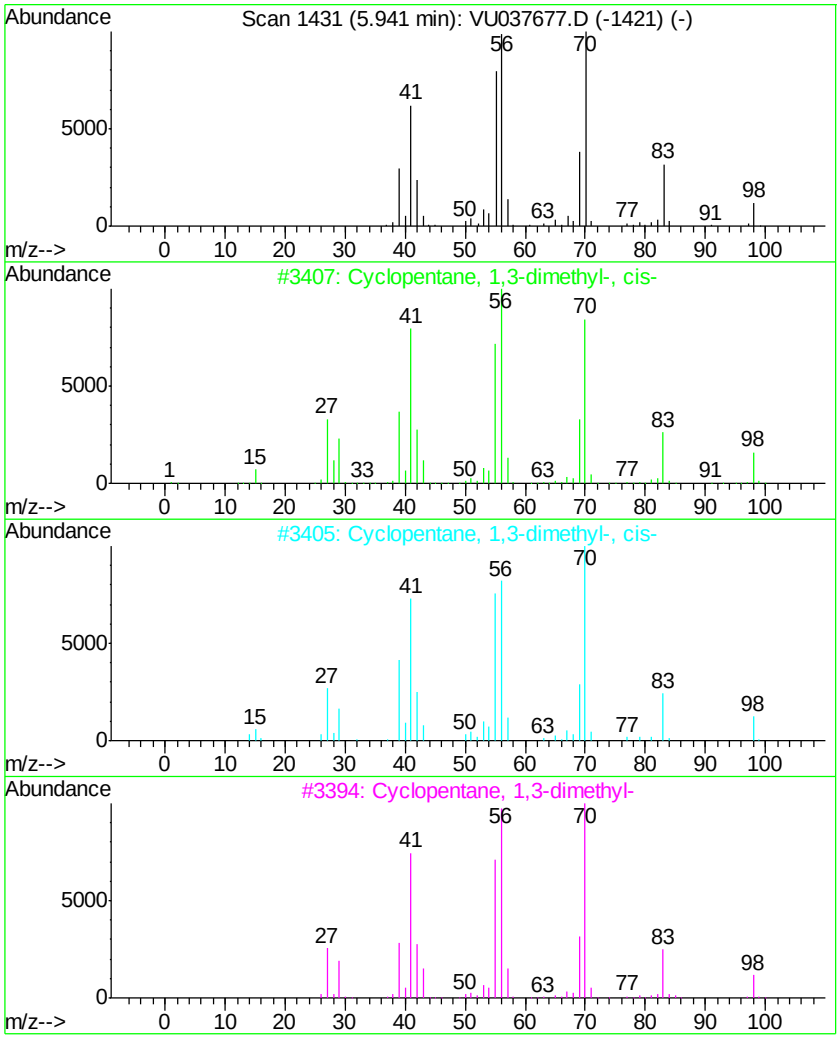
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

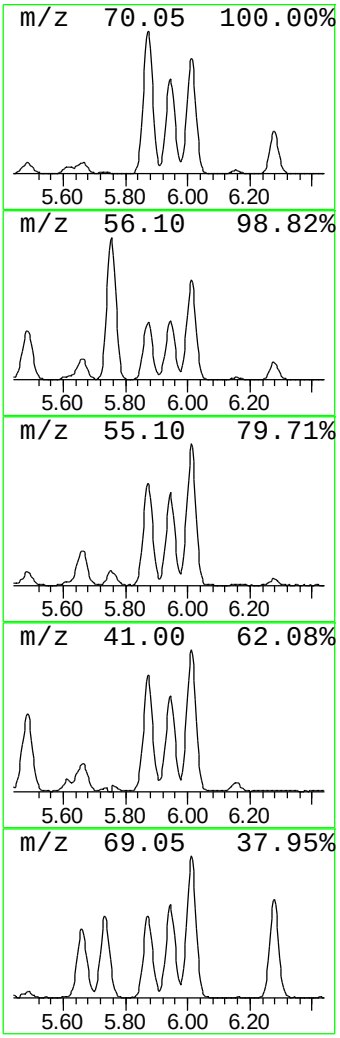
****

Peak Number 5 (DEL) Alkane: Cyclic5.94 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	9.01 ug/L	299453	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

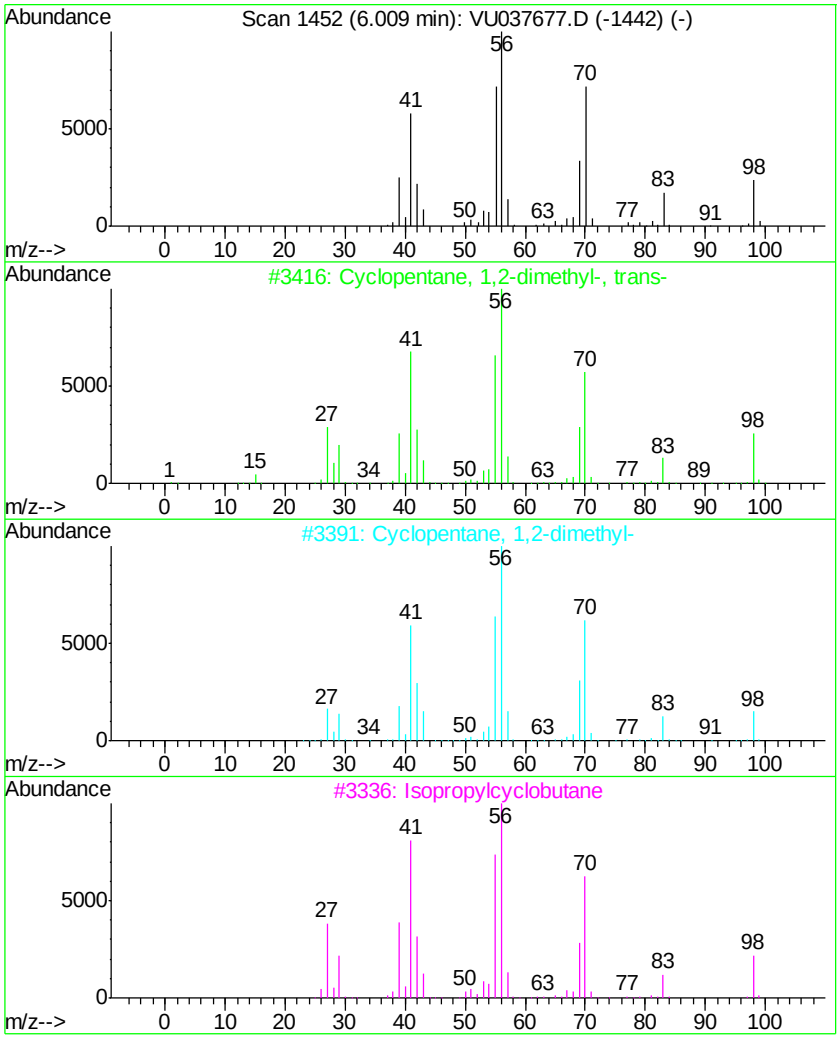
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

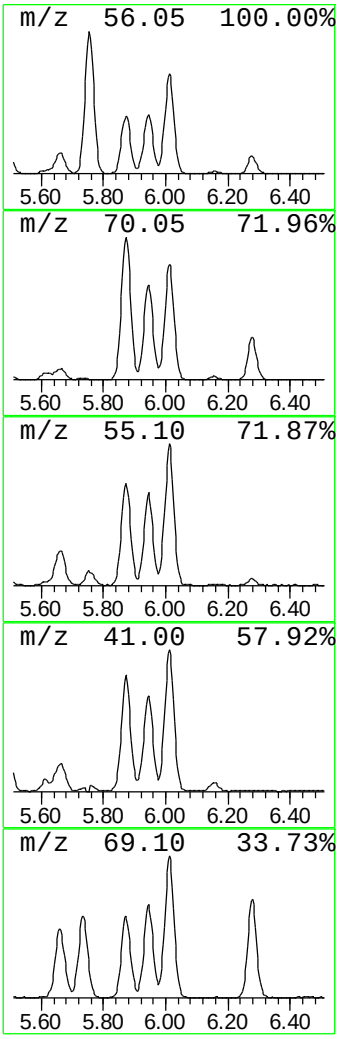
****

Peak Number 6 (DEL) Alkane: Cyclic6.01 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	13.12 ug/L	435950	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	94
3	Isopropylcyclobutane	98	C7H14	000872-56-0	94
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	3-Heptene	98	C7H14	000592-78-9	72





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Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

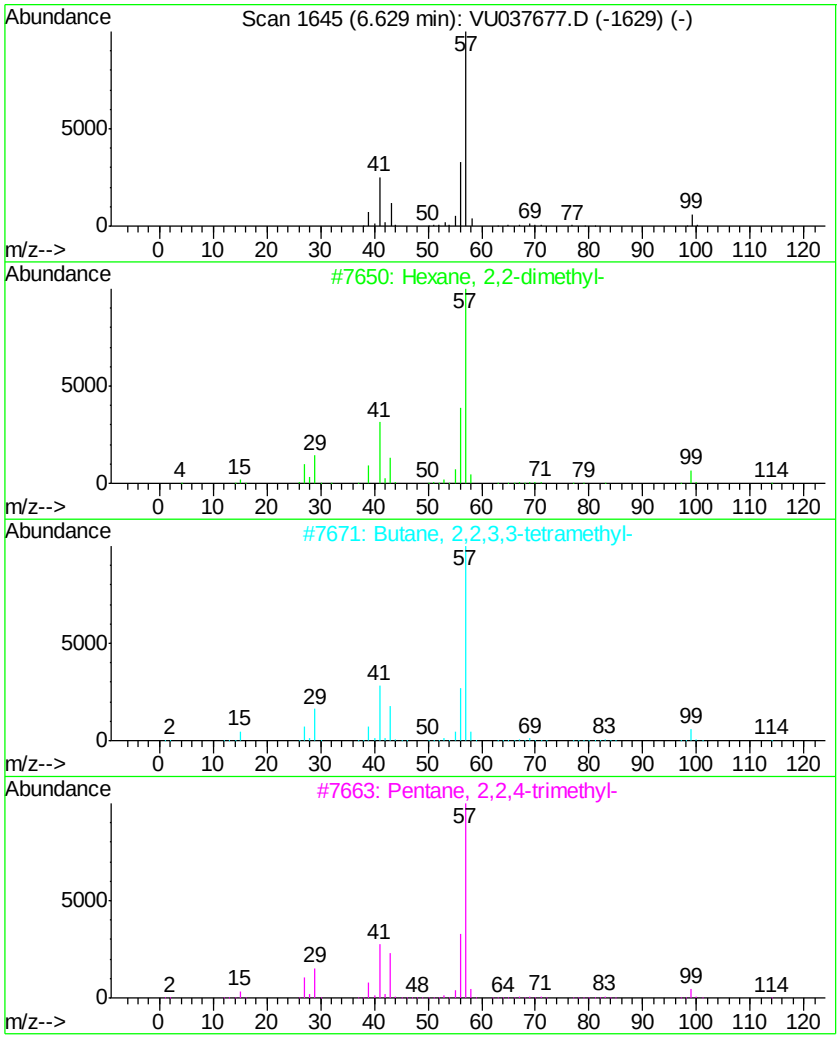
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

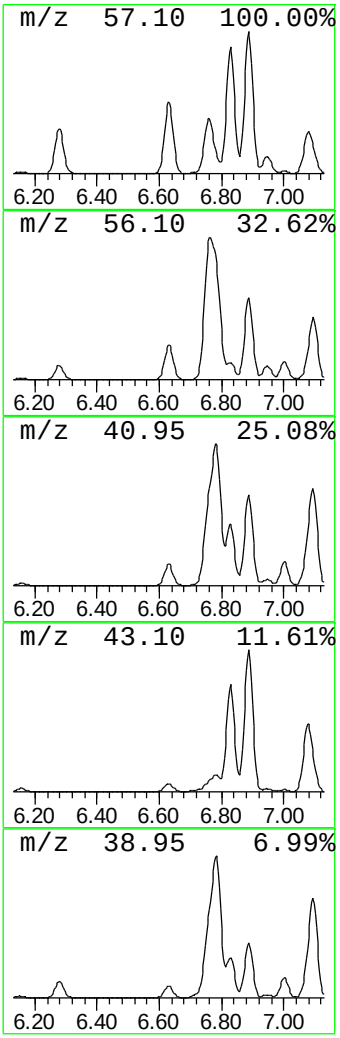
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	6.68 ug/L	221917	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

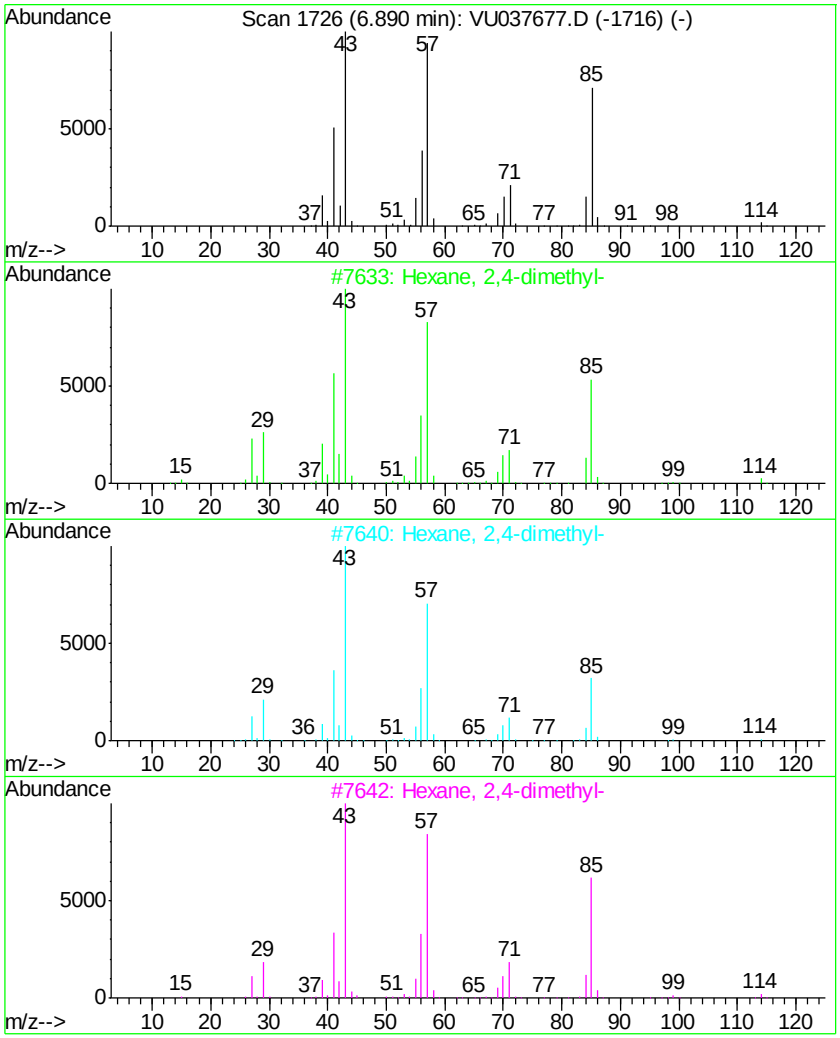
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

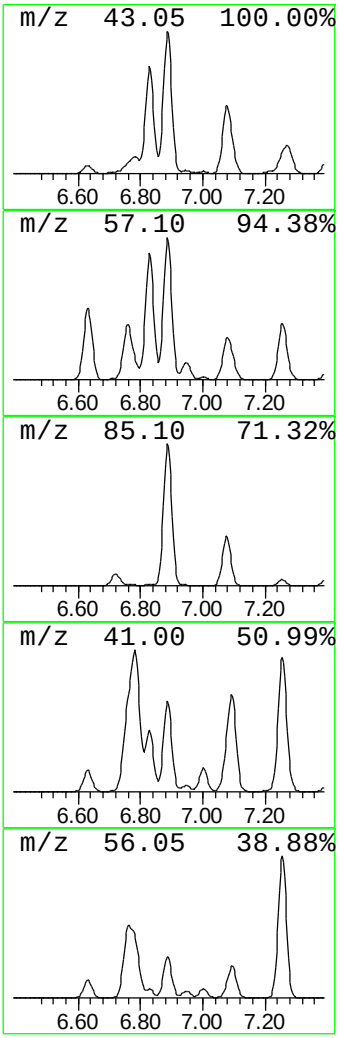
****

Peak Number 8 (DEL) Alkane: Cyclic6.89 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	31.17 ug/L	1035610	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	96
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	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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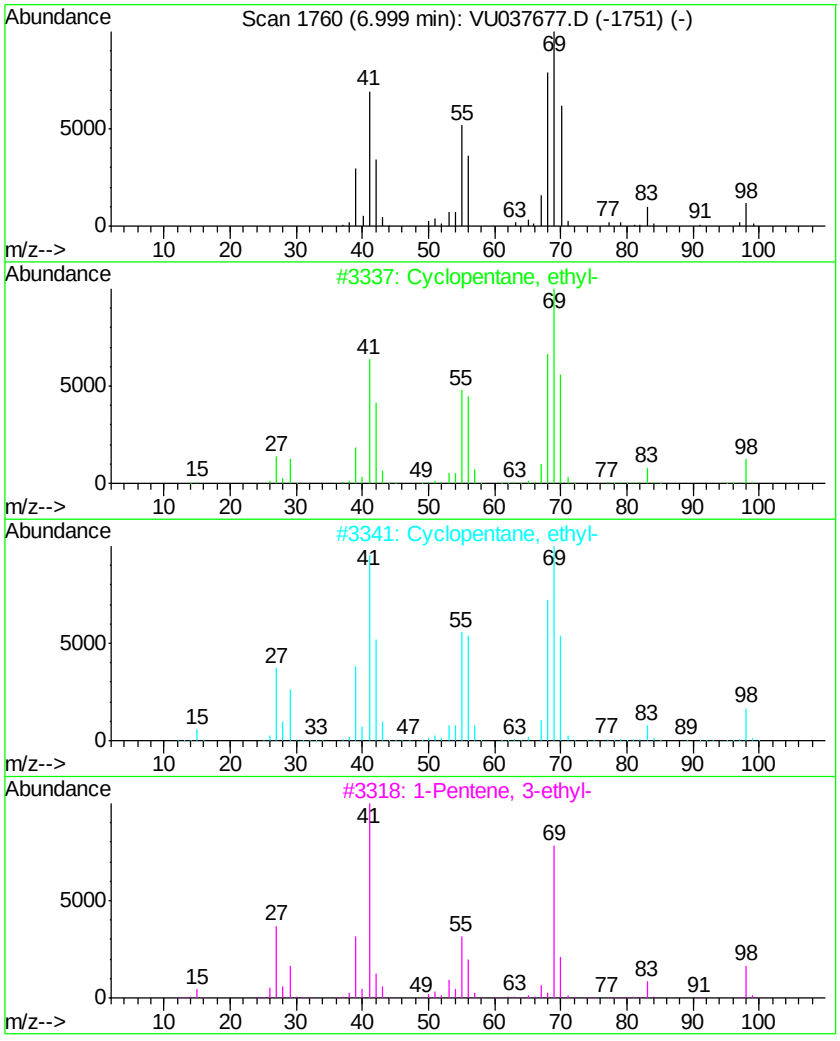
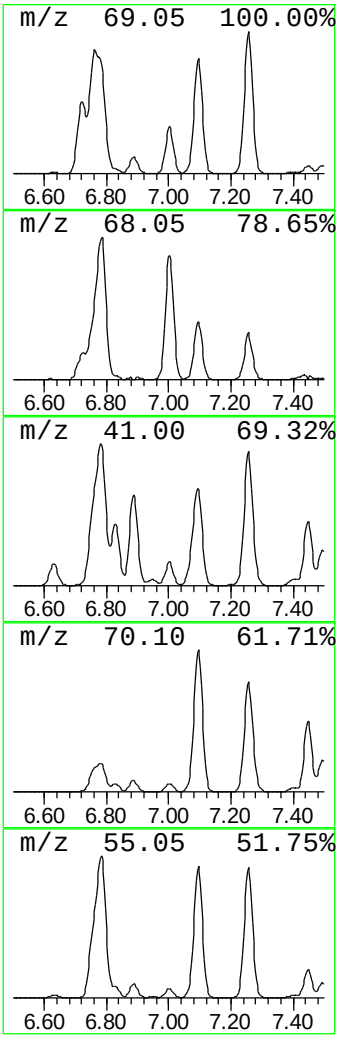
Peak Number 9 (DEL) Alkane: Cyclic7.00 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.71 ug/L	222808	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	97
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	49
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	46
5	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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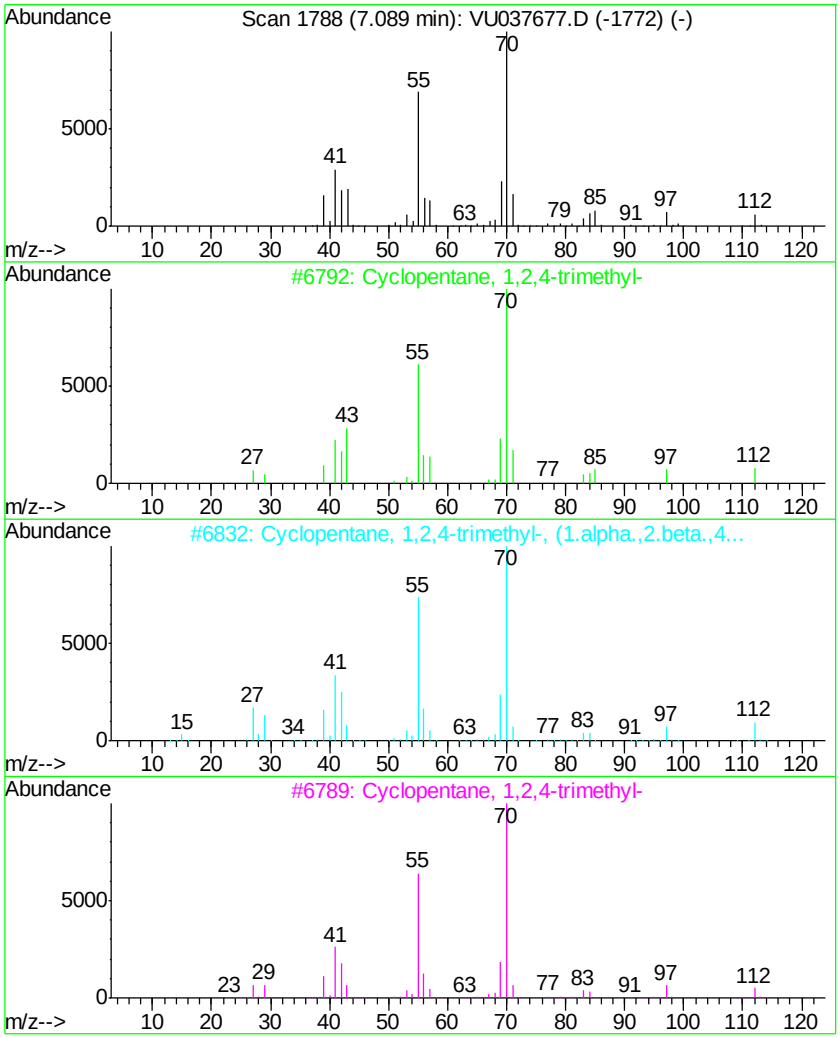
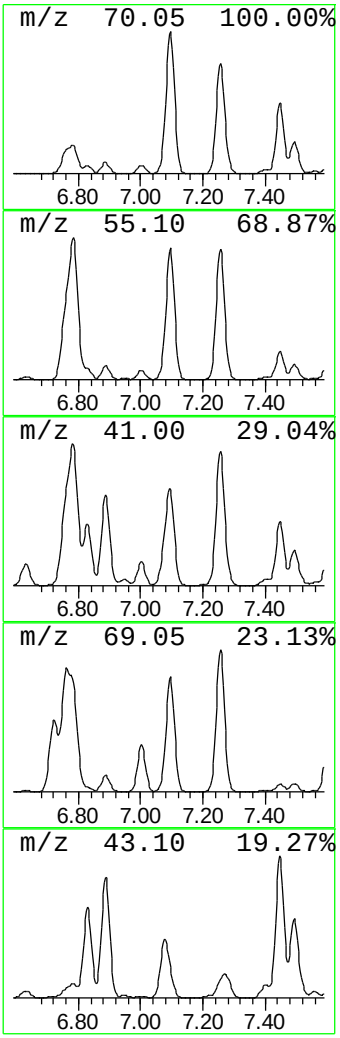
Peak Number 10 (DEL) Alkane: Cyclic7.09 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	55.02 ug/L	1828060	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	95
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	83
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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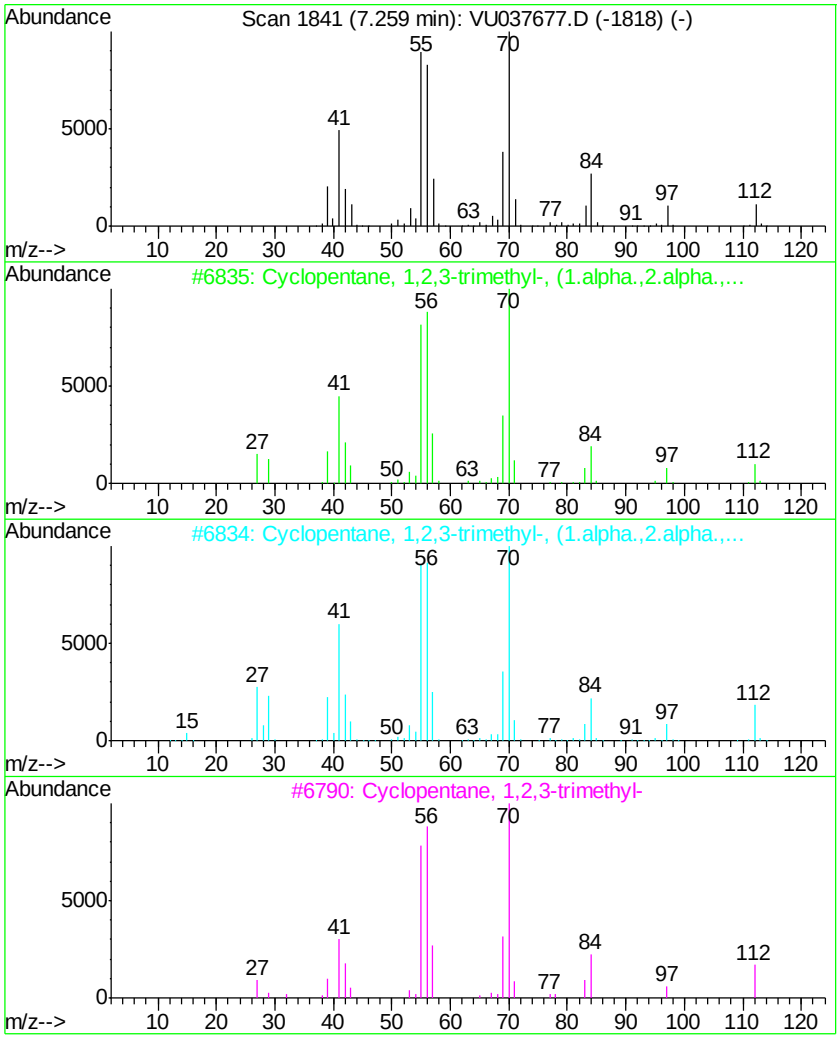
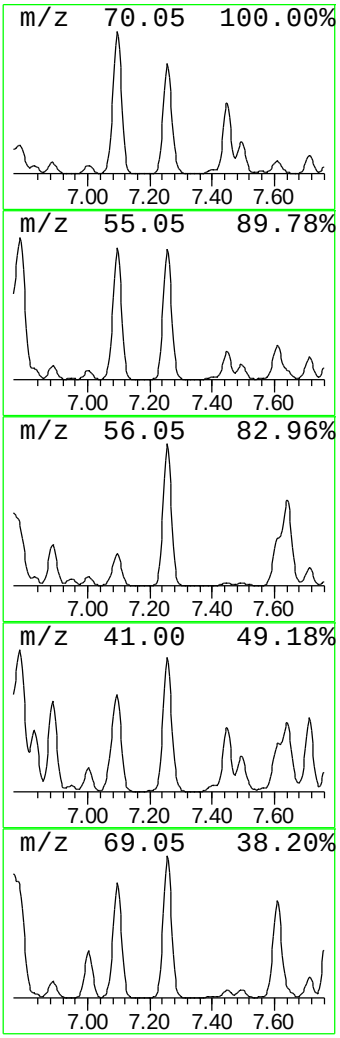
Peak Number 11 (DEL) Alkane: Cyclic7.26 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	59.20 ug/L	1966950	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	95
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	83
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

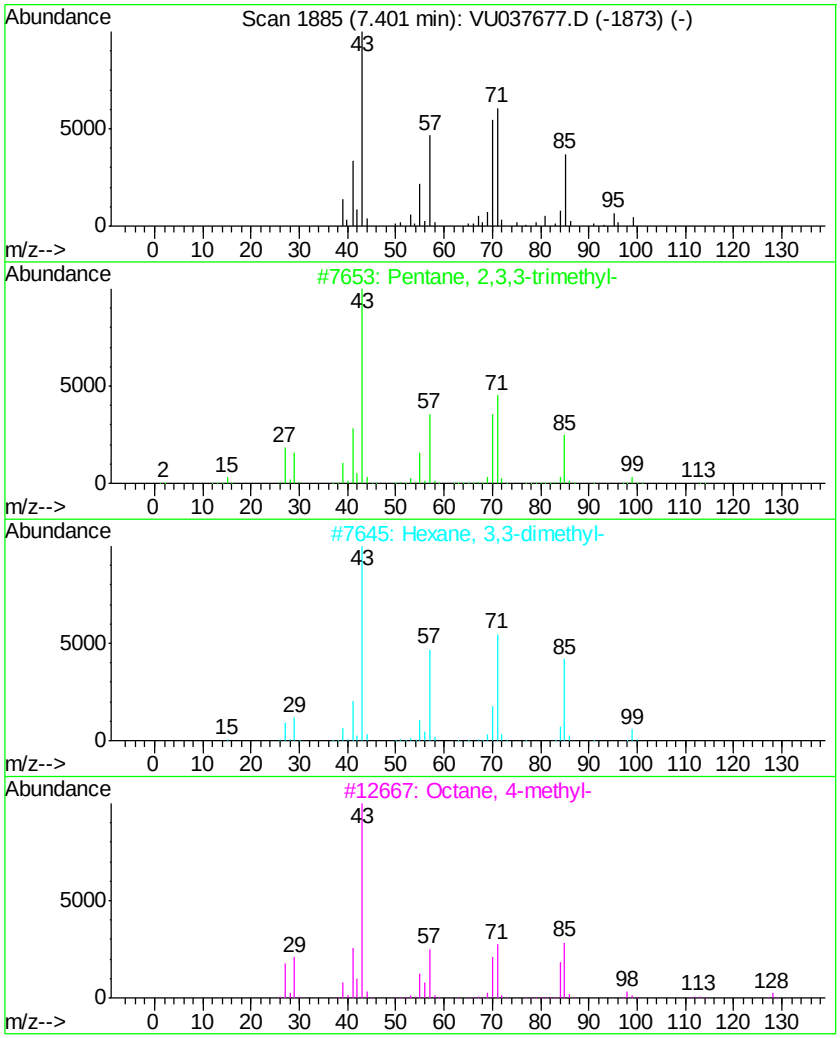
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

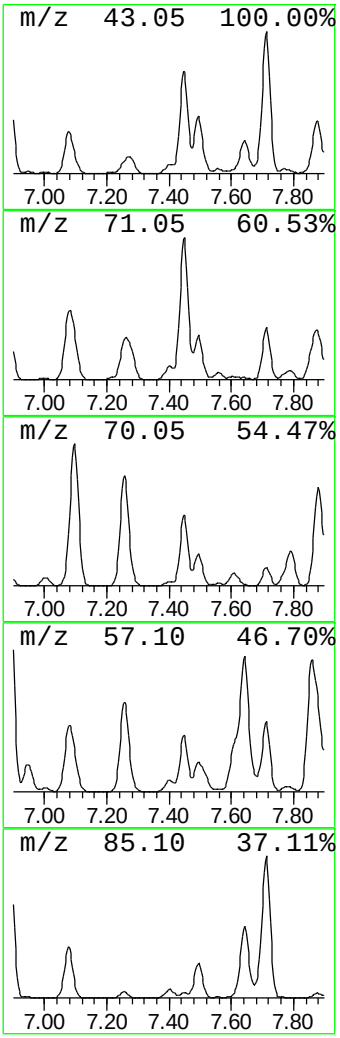
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	2.80 ug/L	93084	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3	Octane, 4-methyl-	128	C9H20	002216-34-4	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

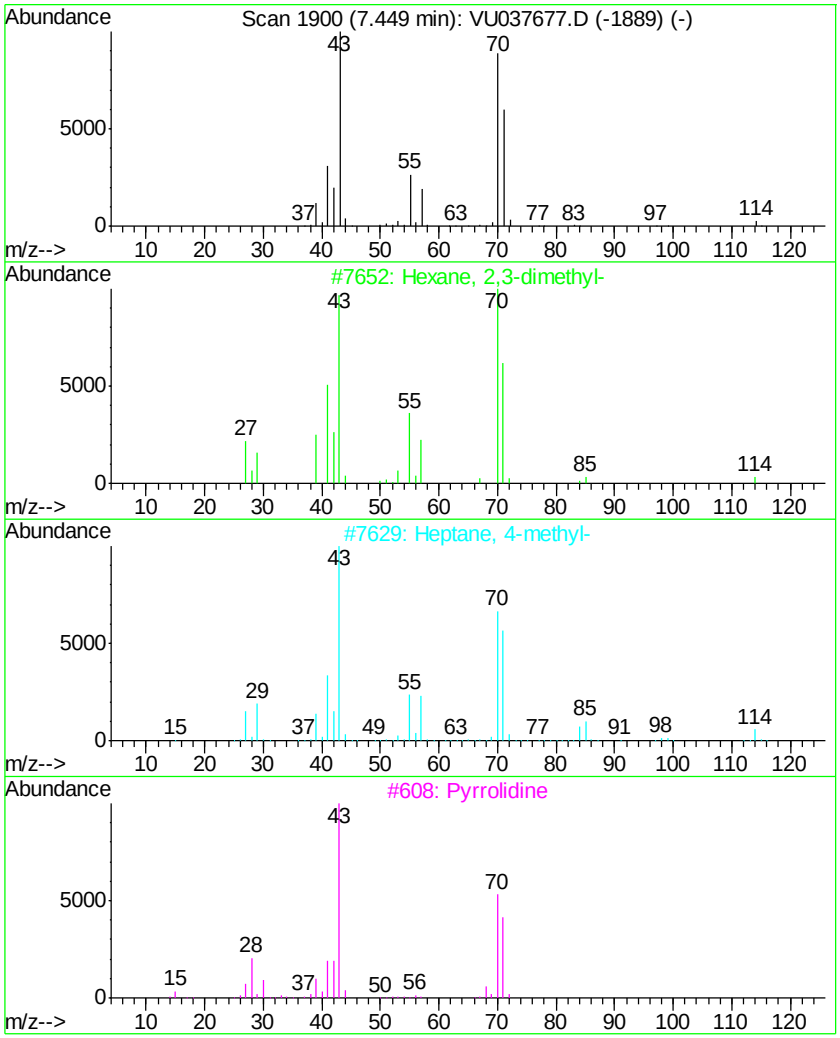
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

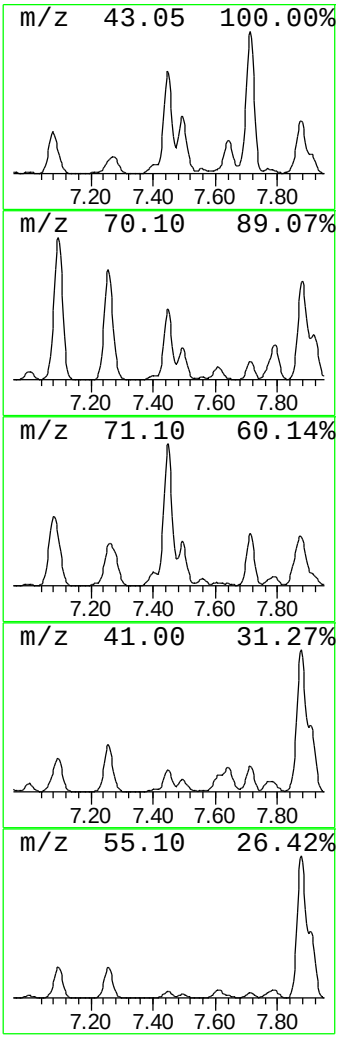
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	24.05 ug/L	799136	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Pyrrolidine	71	C4H9N	000123-75-1	78
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

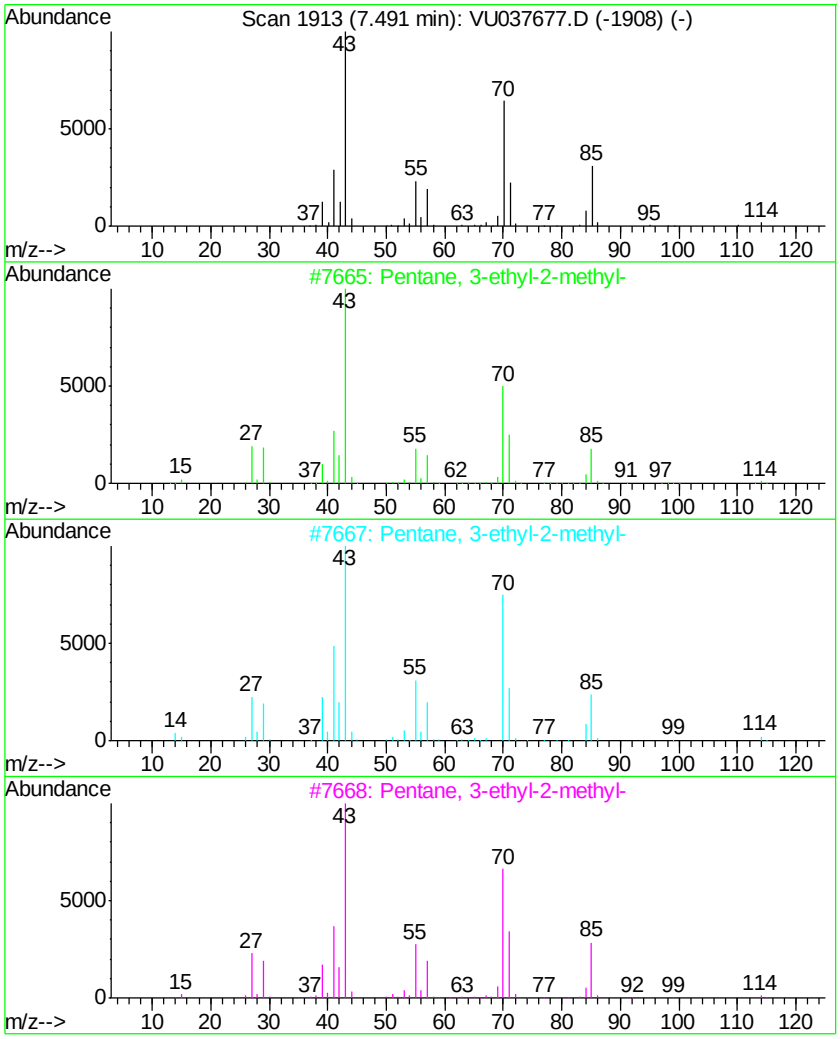
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

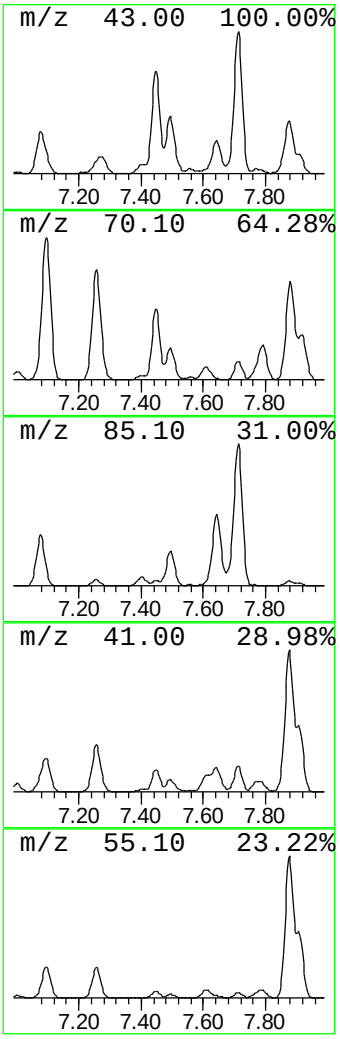
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	14.17 ug/L	470876	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	87
2	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	68
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
4	Butanoic acid, 3-methyl-, 3-meth...	172	C10H20O2	000659-70-1	59
5	Octane	114	C8H18	000111-65-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

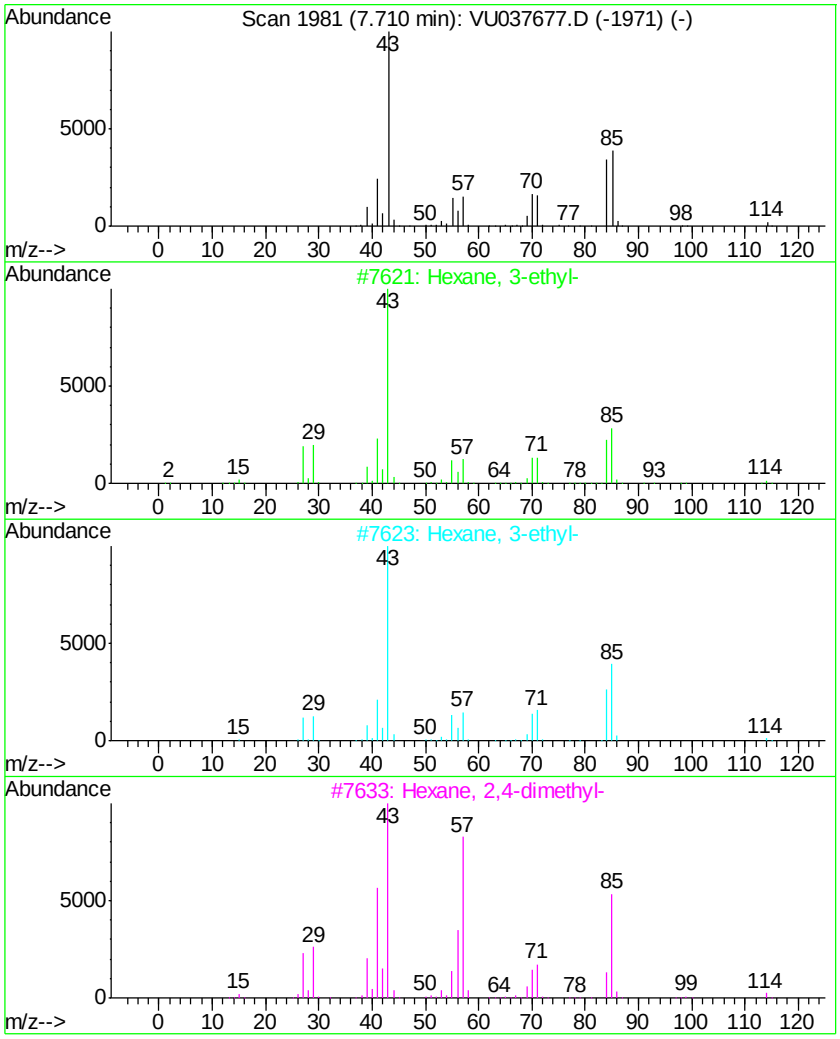
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

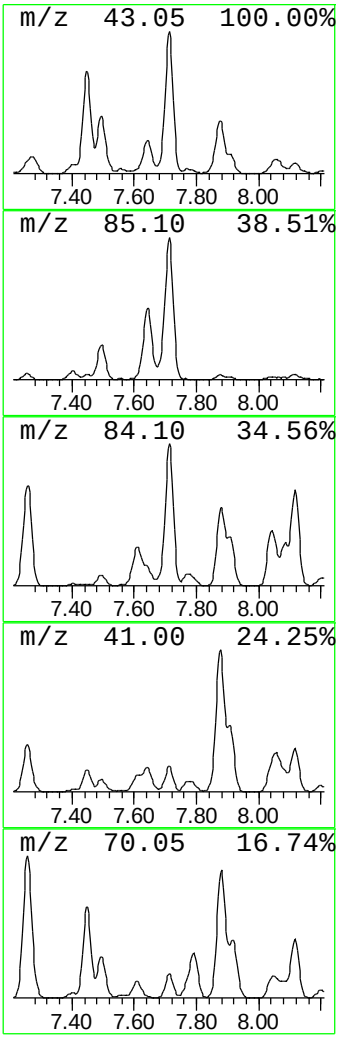
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	27.96 ug/L	928836	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	90
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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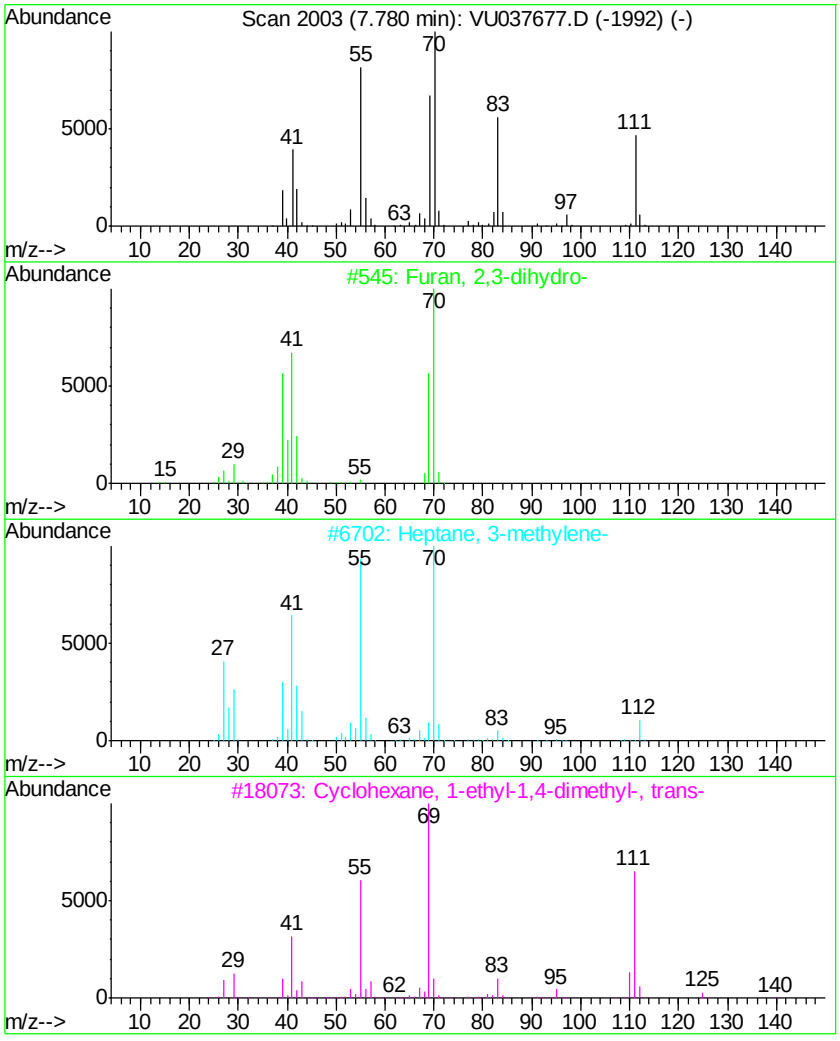
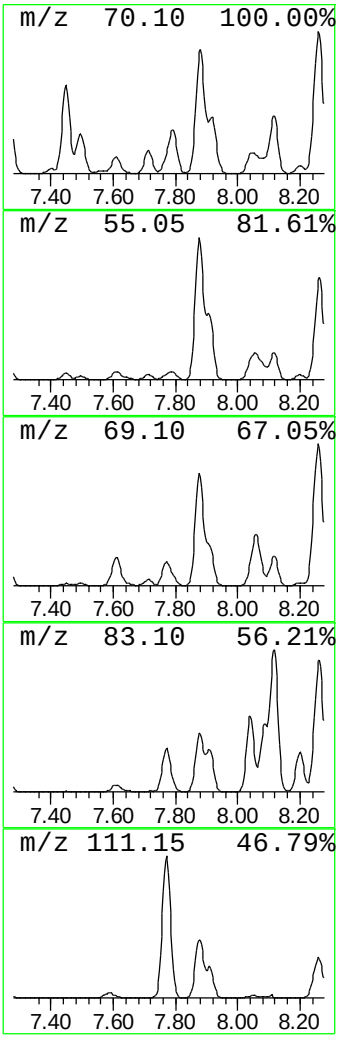
Peak Number 17 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	18.80 ug/L	624561	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	38
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	38
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	35
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	35
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

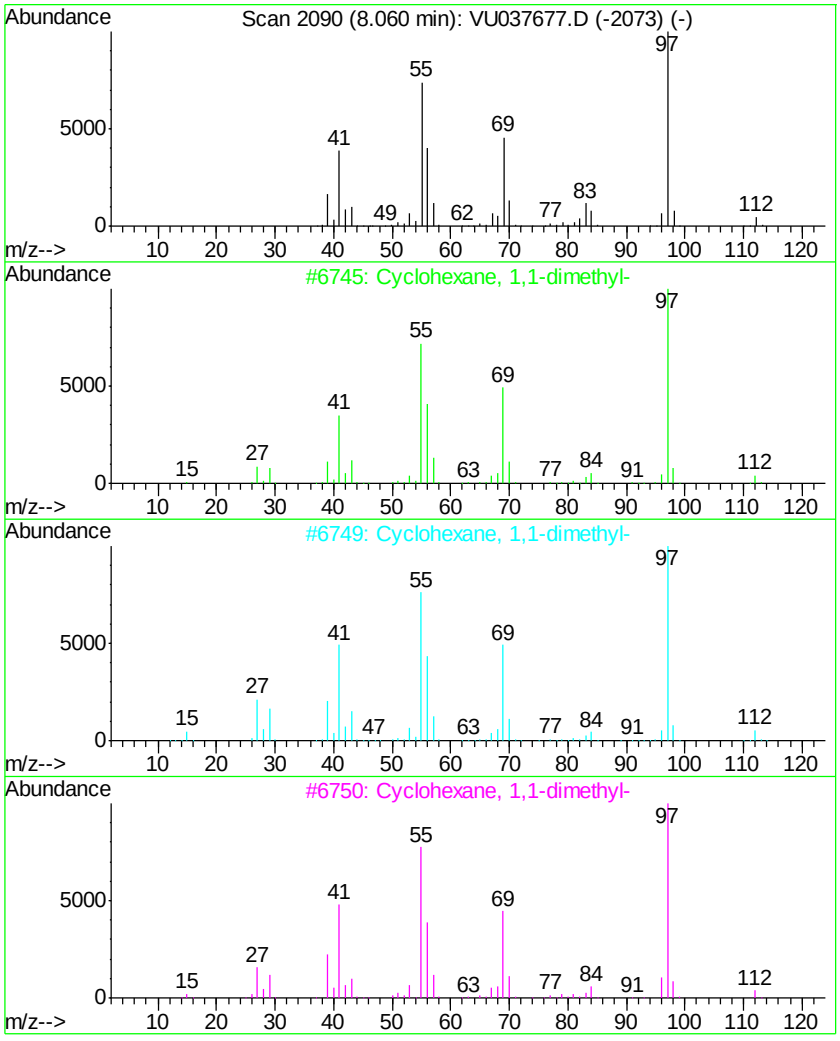
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

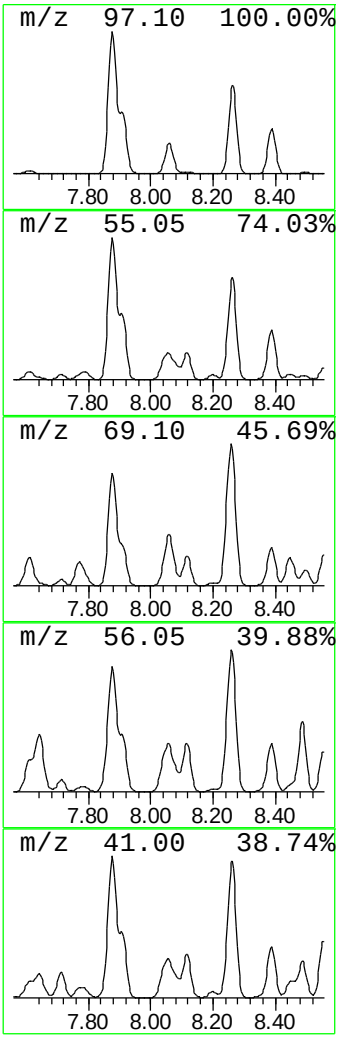
****

Peak Number 18 (DEL) Alkane: Cyclic8.06 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	60.36 ug/L	2310160	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	97
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	87
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	53
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

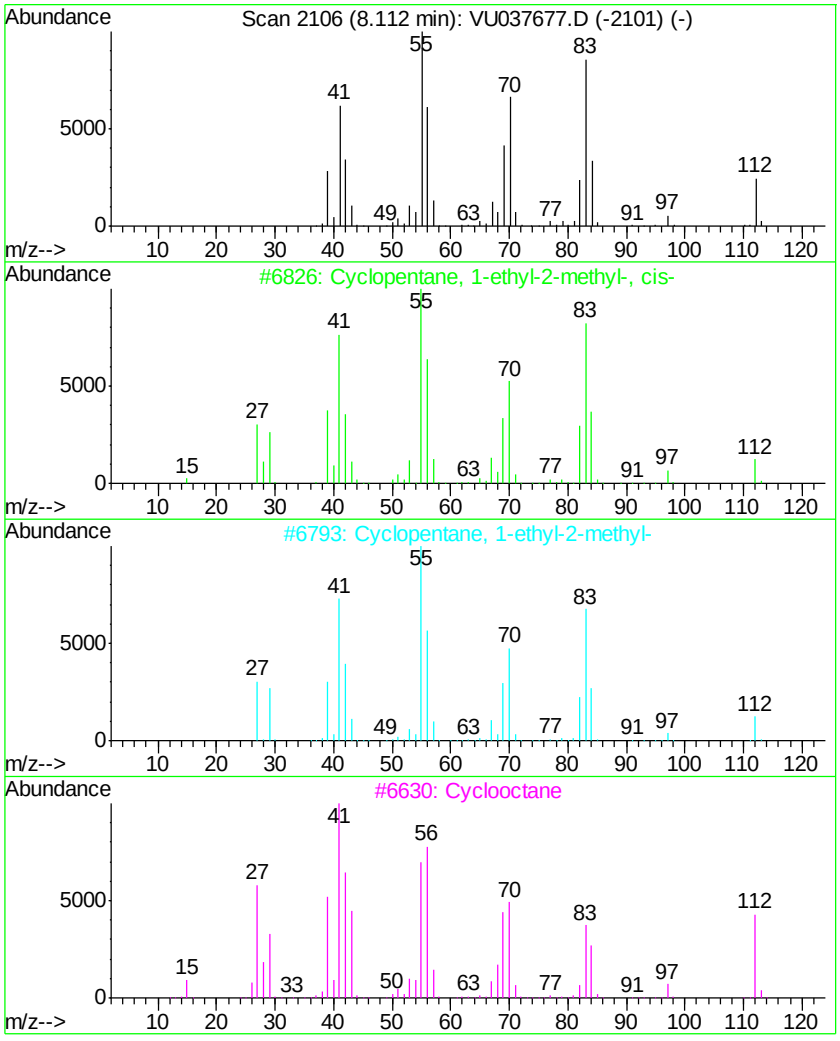
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

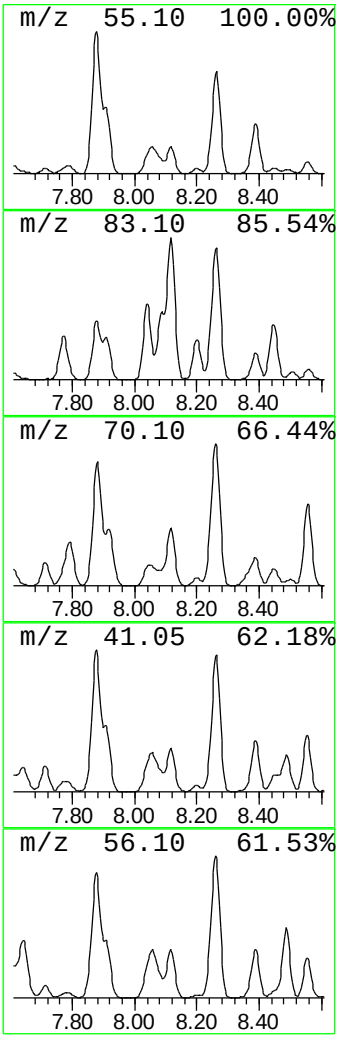
****

Peak Number 19 (DEL) Alkane: Cyclic8.11 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	39.17 ug/L	1499170	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	86
2	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	86
3	Cyclooctane	112	C8H16	000292-64-8	83
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	72
5	Cyclooctane	112	C8H16	000292-64-8	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

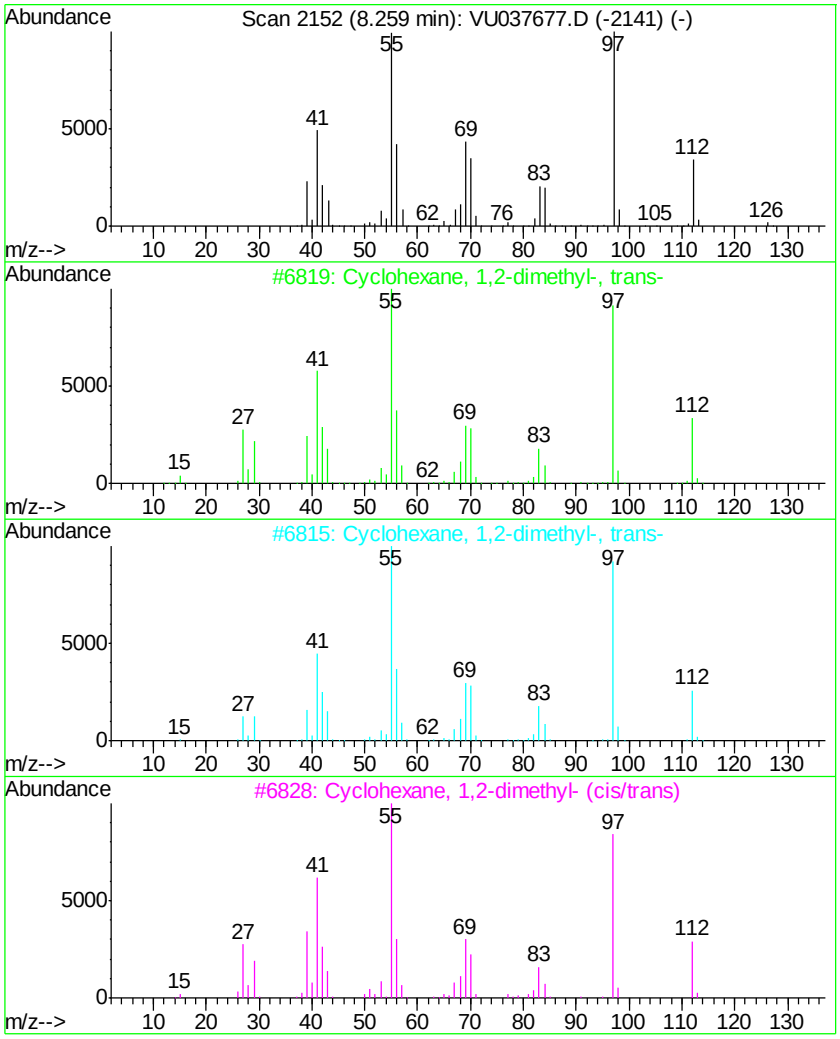
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

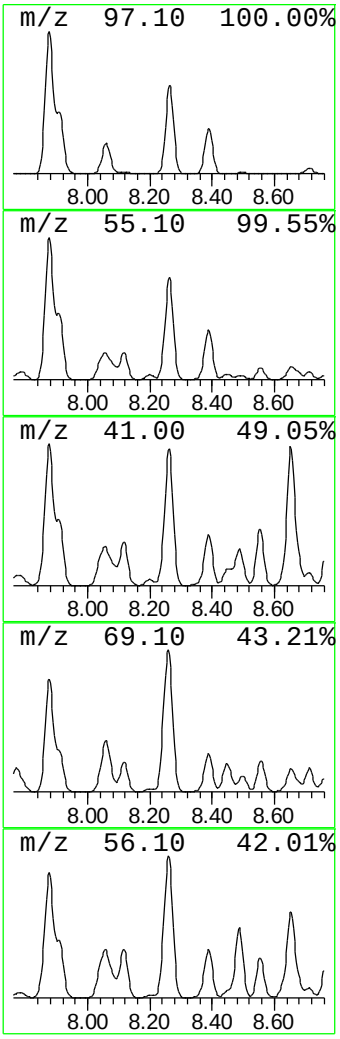
****

Peak Number 20 (DEL) Alkane: Cyclic8.26 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	156.70 ug/L	5997660	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	93
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

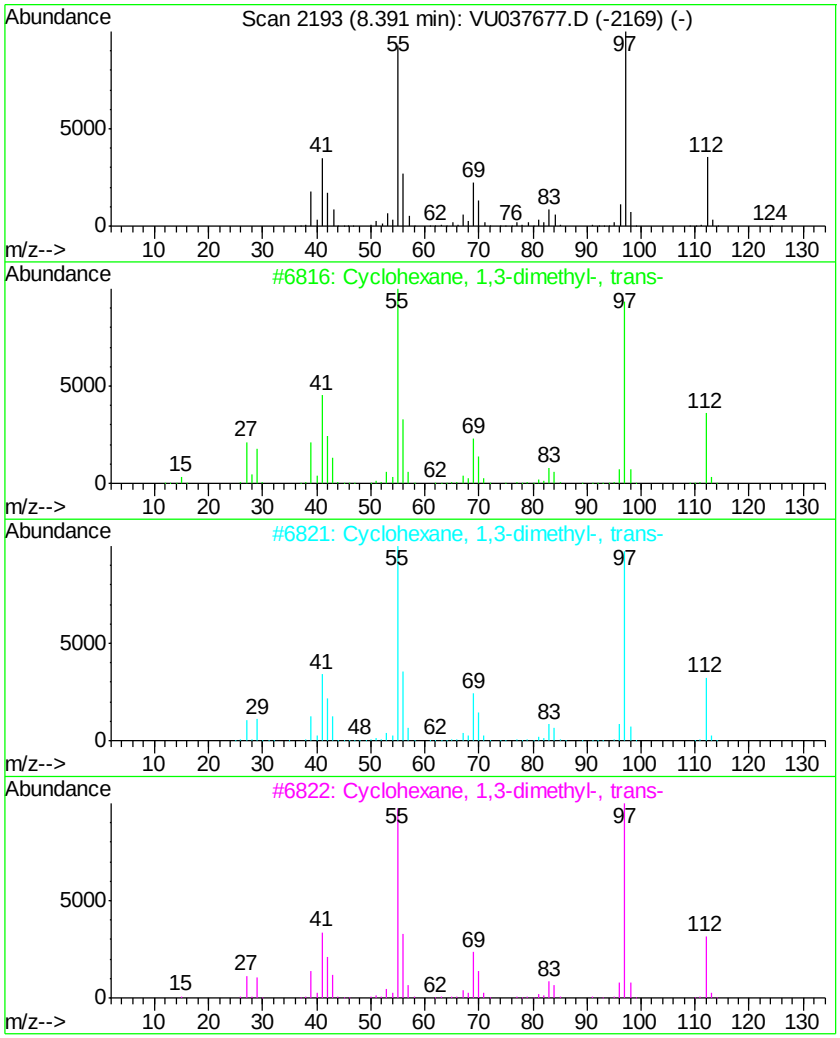
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

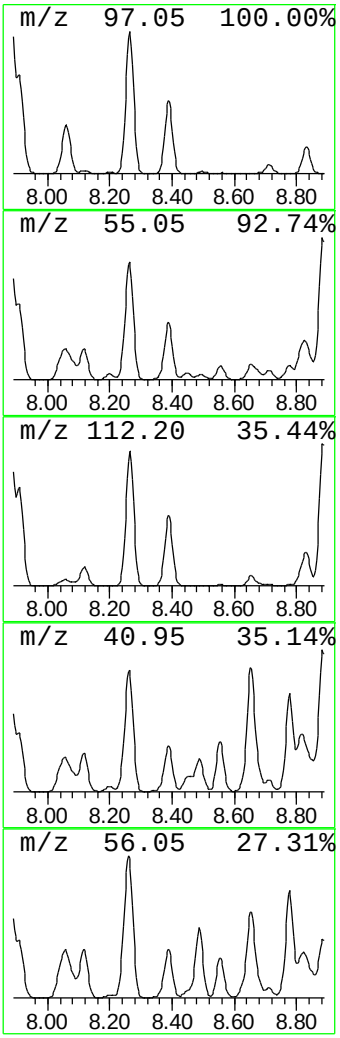
****

Peak Number 21 (DEL) Alkane: Cyclic8.39 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	60.74 ug/L	2324750	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	97
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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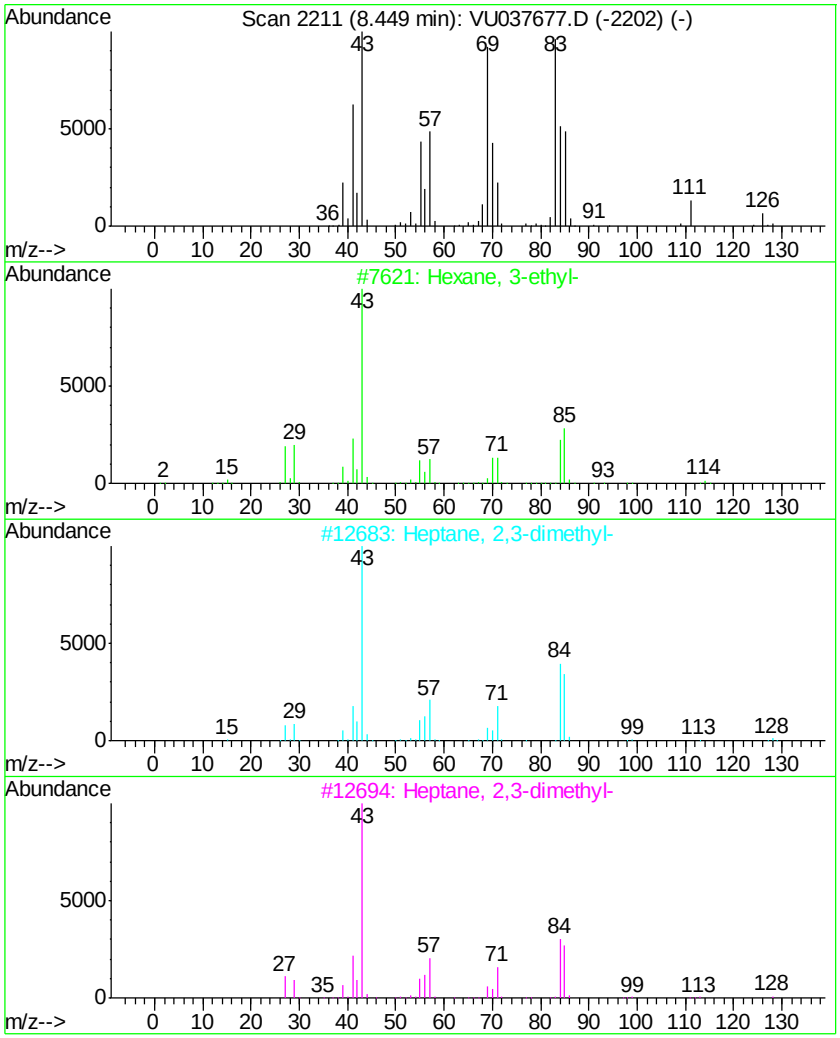
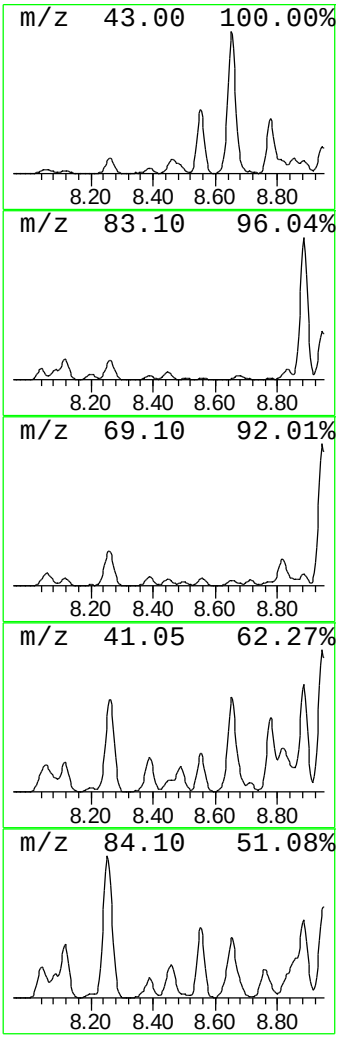
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	13.86 ug/L	530357	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

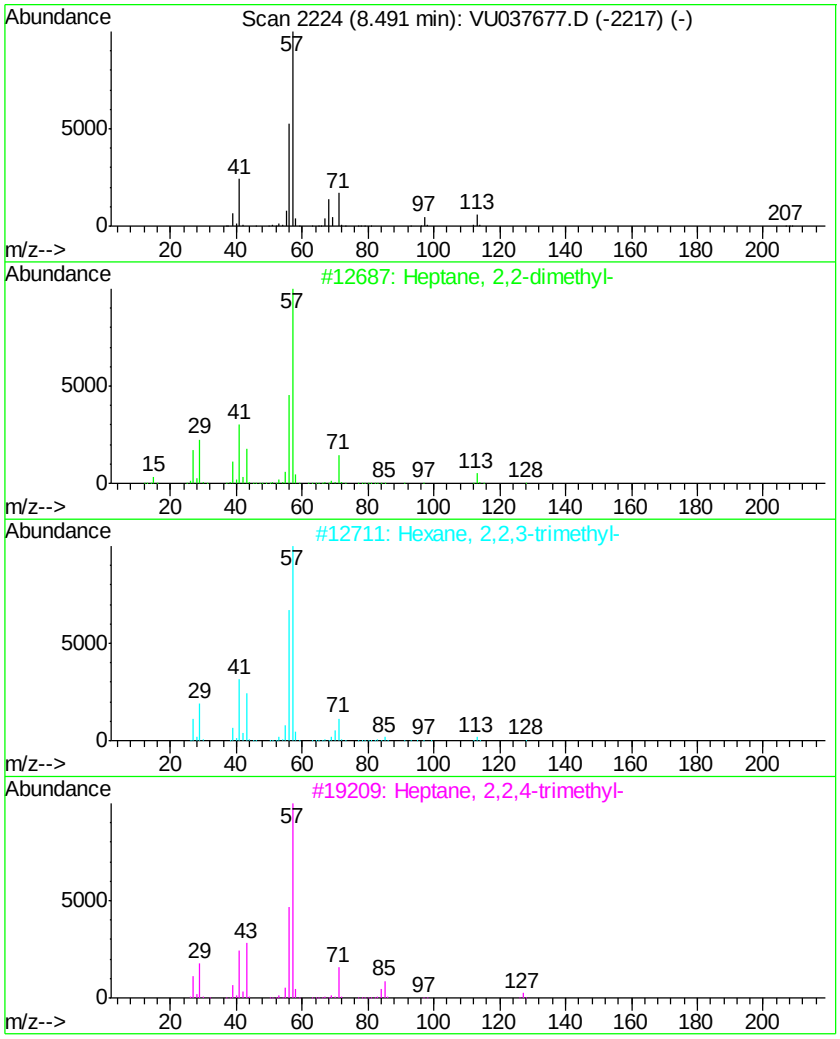
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

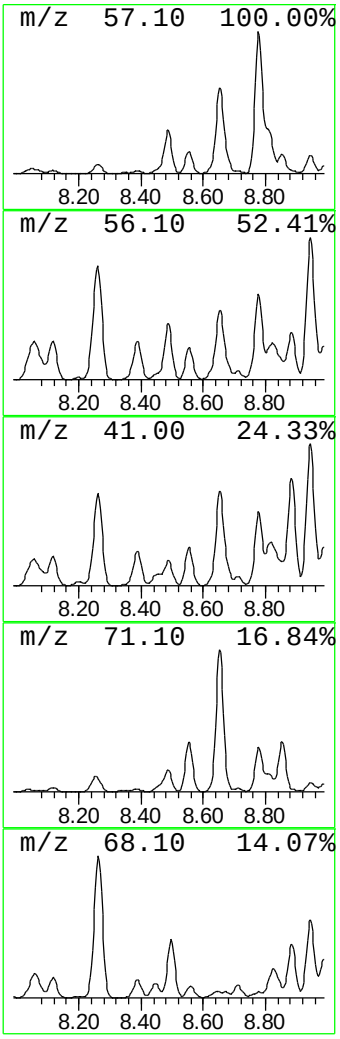
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	25.78 ug/L	986557	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

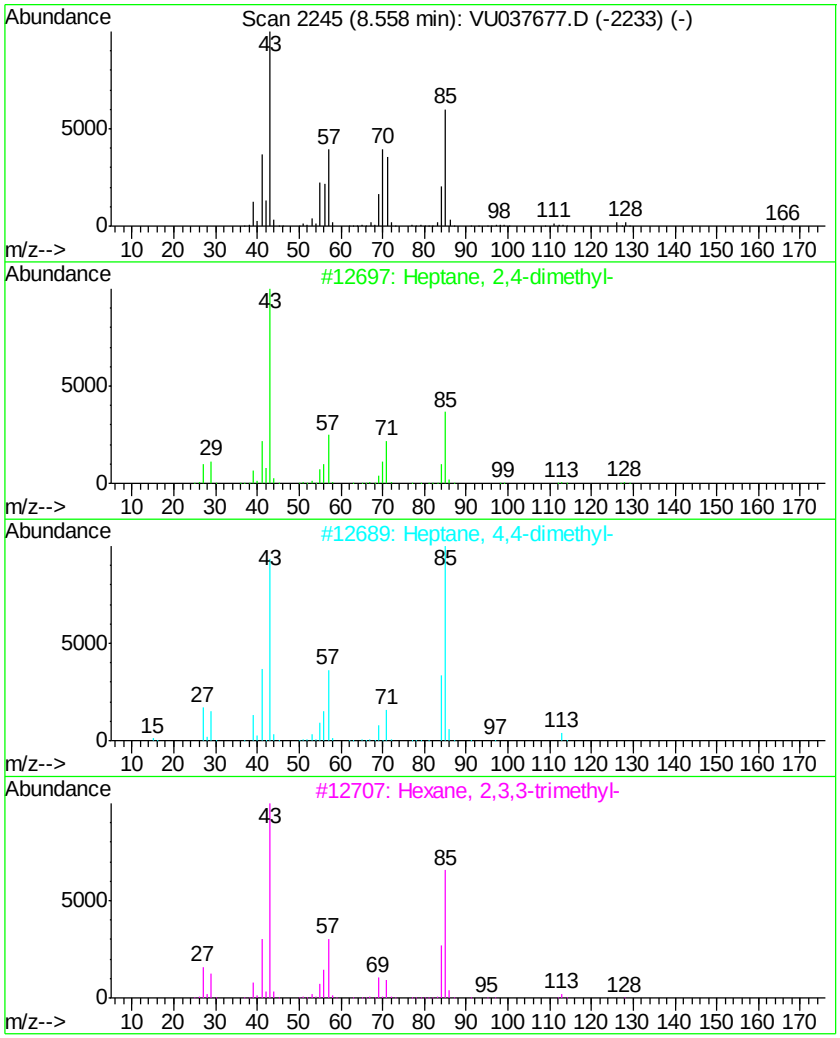
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

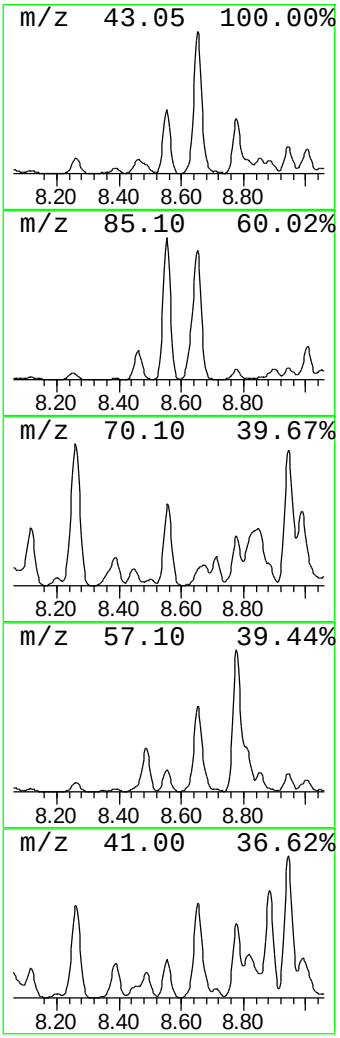
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	56.67 ug/L	2169100	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	64
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

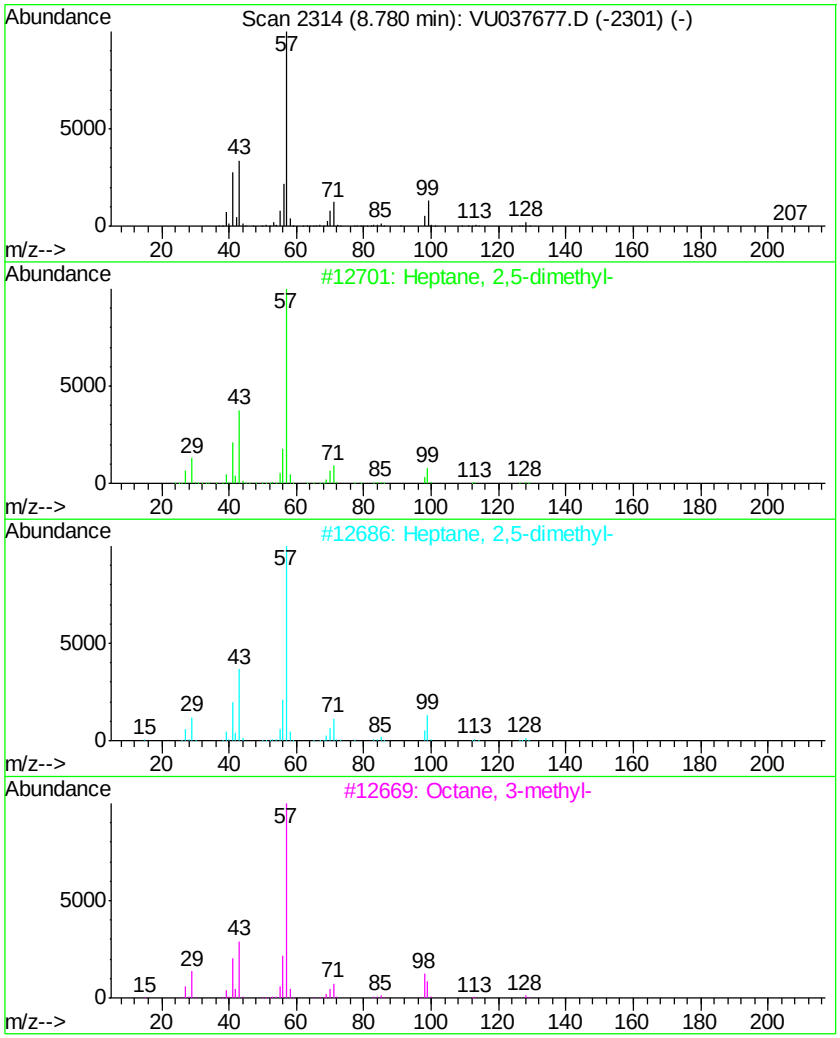
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

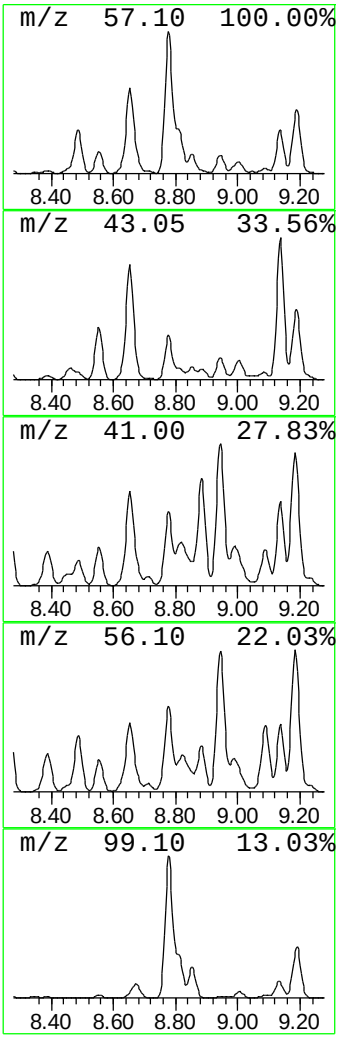
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	84.45 ug/L	3232400	Chlorobenzene-d5	9.44

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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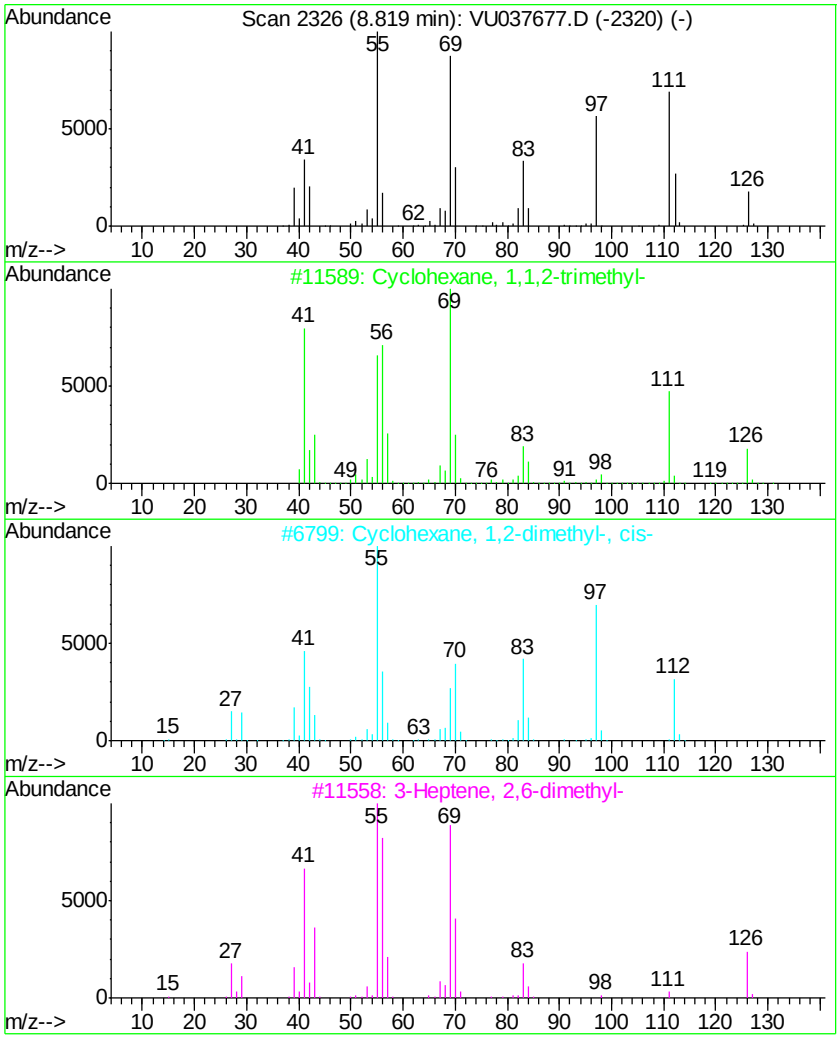
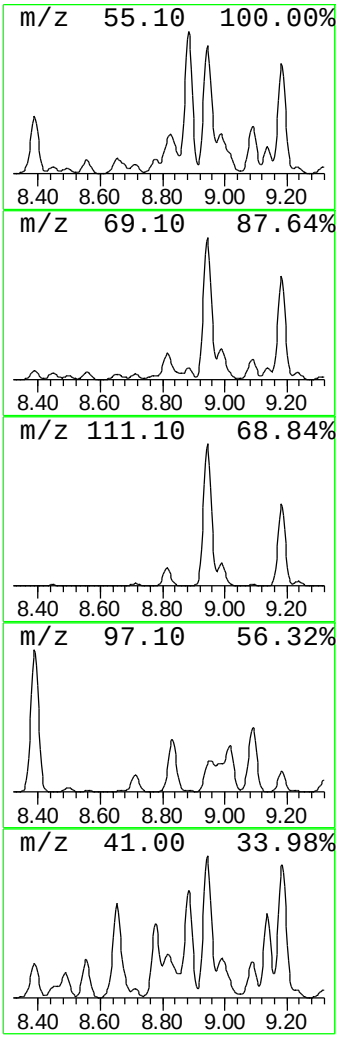
Peak Number 26 (DEL) Alkane: Cyclic8.82 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	86.24 ug/L	3300770	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	50
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	49
4	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	49
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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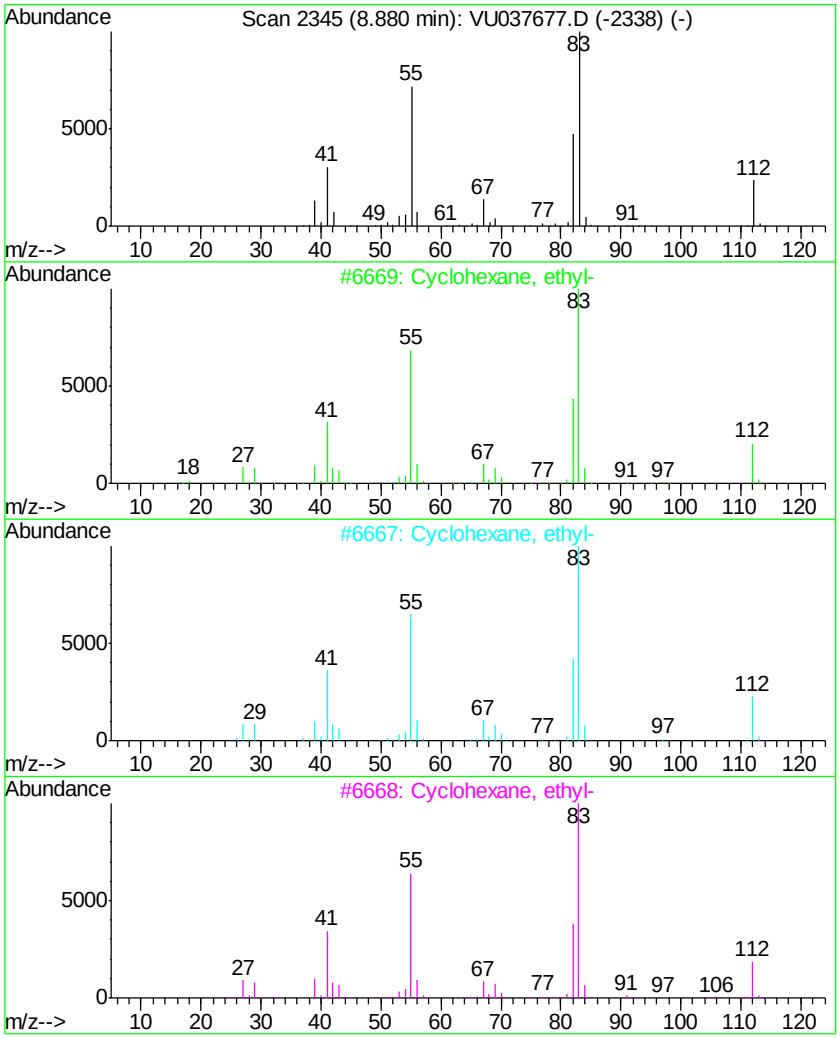
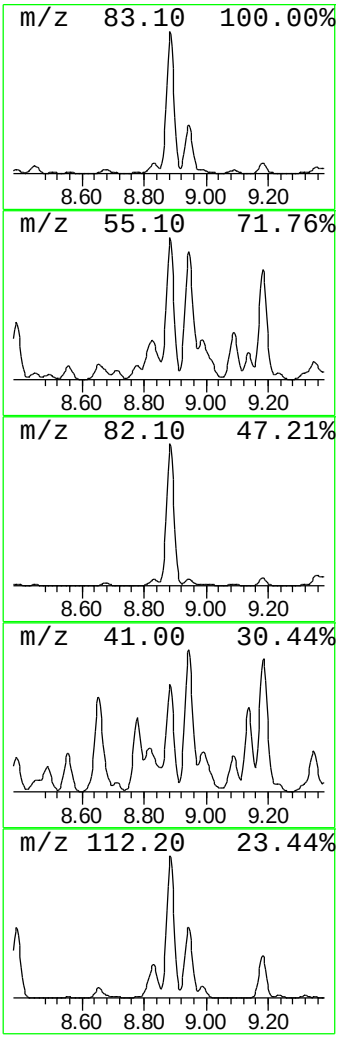
Peak Number 27 (DEL) Alkane: Cyclic8.88 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	140.19 ug/L	5365570	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
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	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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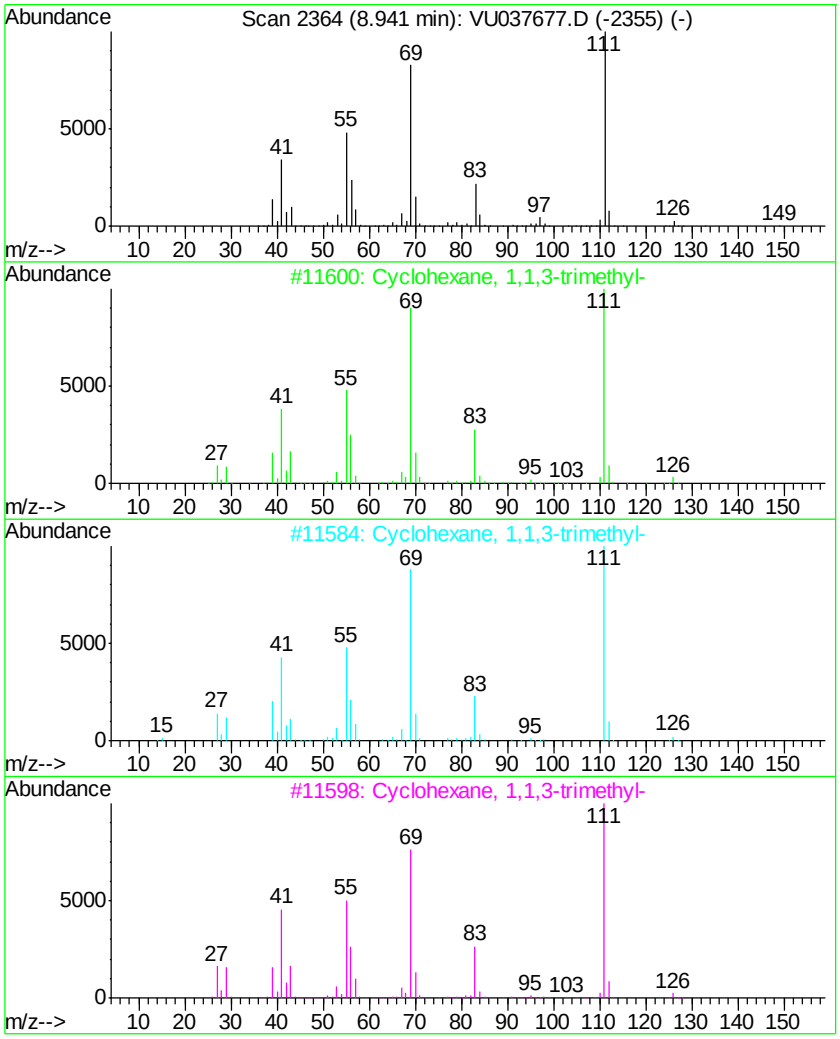
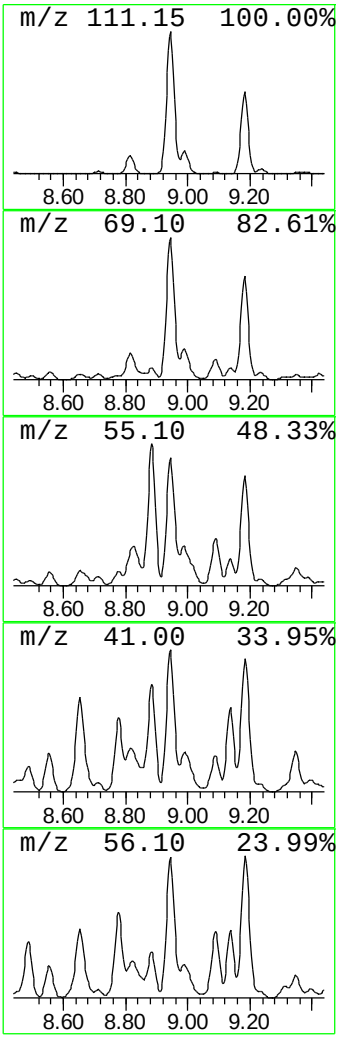
Peak Number 28 (DEL) Alkane: Cyclic8.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	225.81 ug/L	8642680	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

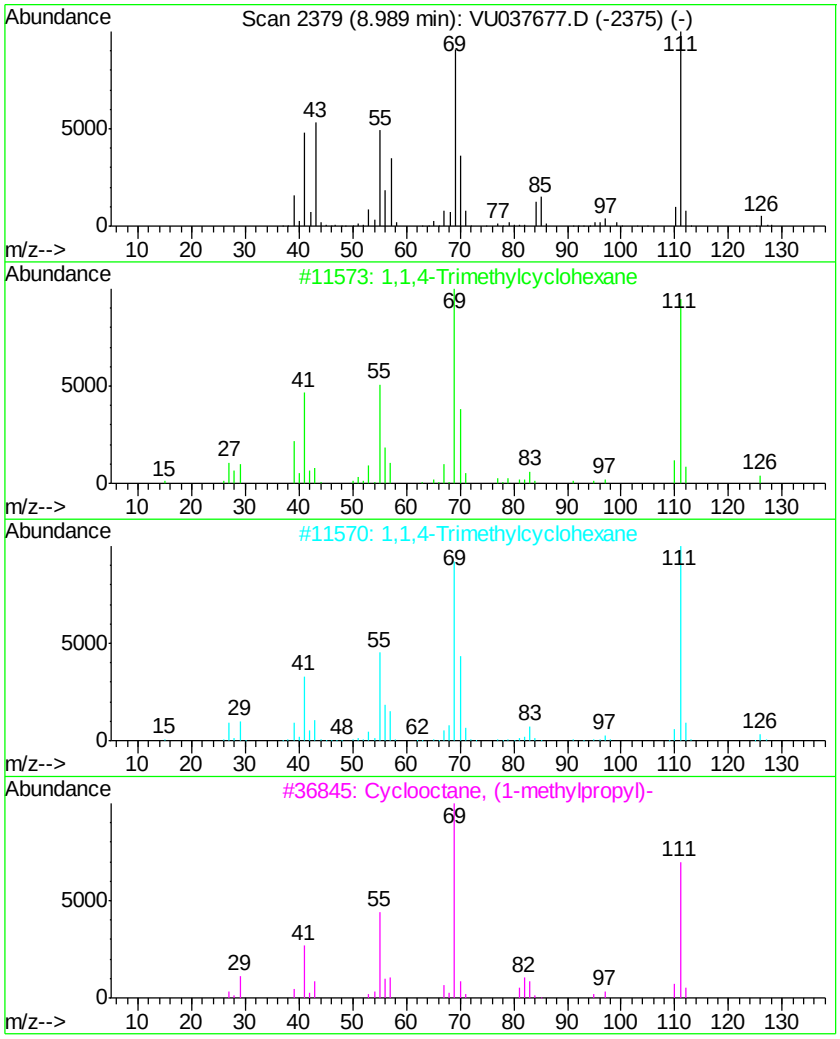
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

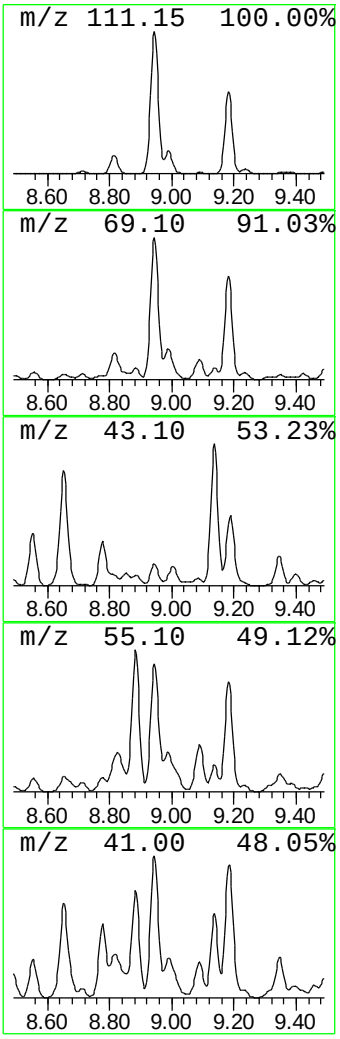
****

Peak Number 29 (DEL) Alkane: Cyclic8.99 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	66.63 ug/L	2550070	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	93
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	90
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

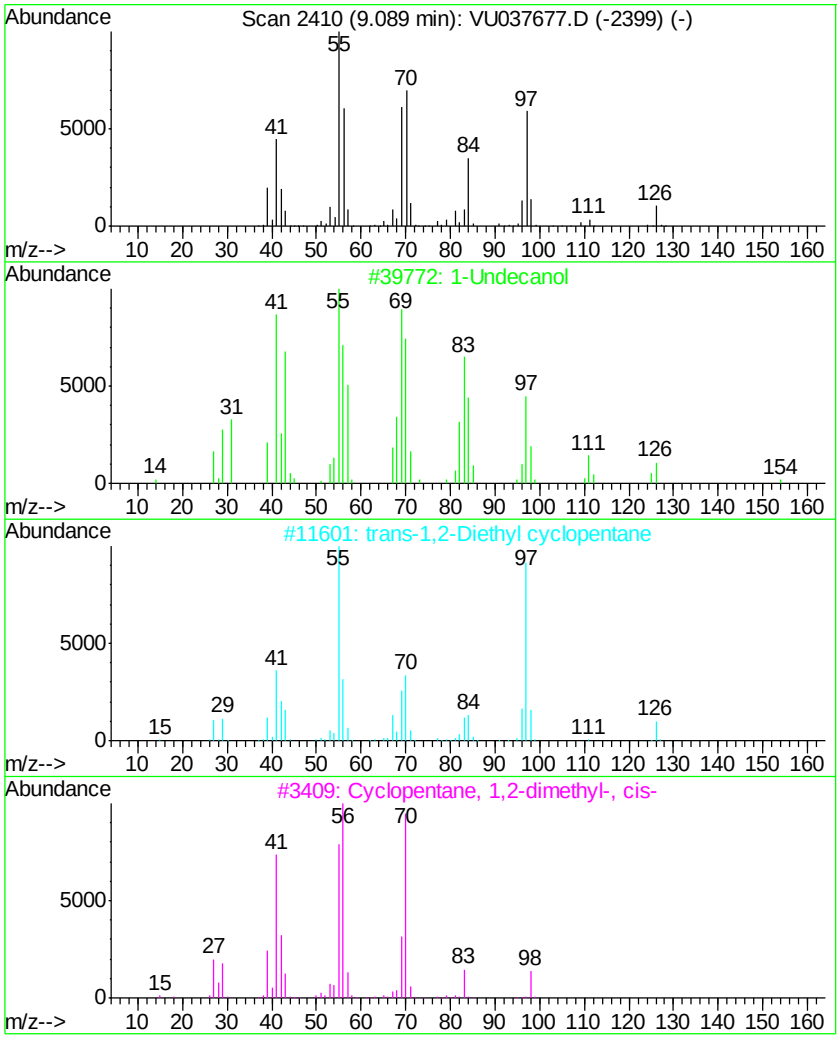
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

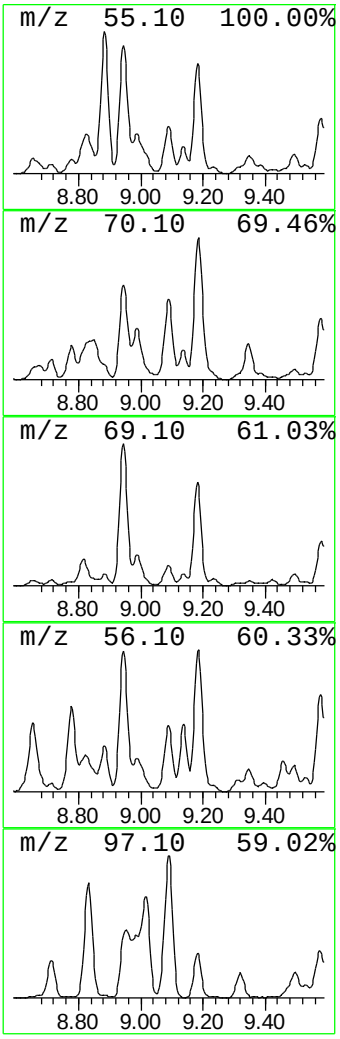
****

Peak Number 30 1-Undecanol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	55.63 ug/L	2129200	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecanol	172	C11H24O	000112-42-5	72
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	49
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	49
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	49
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

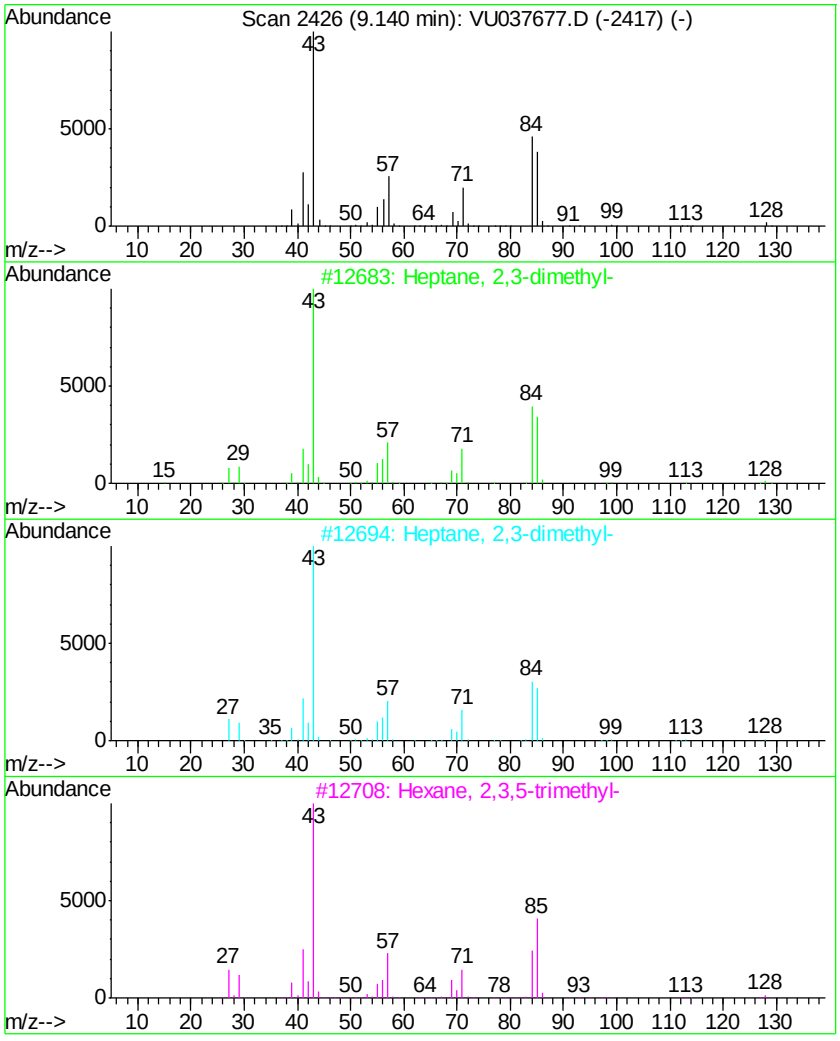
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

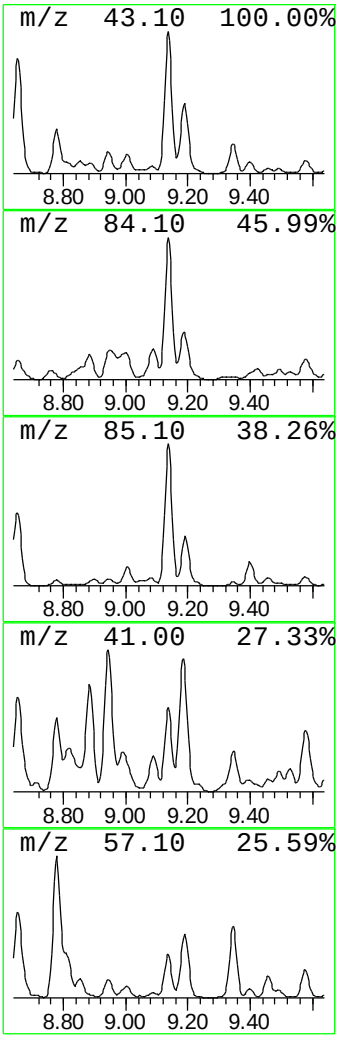
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	101.98 ug/L	3903090	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	74
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

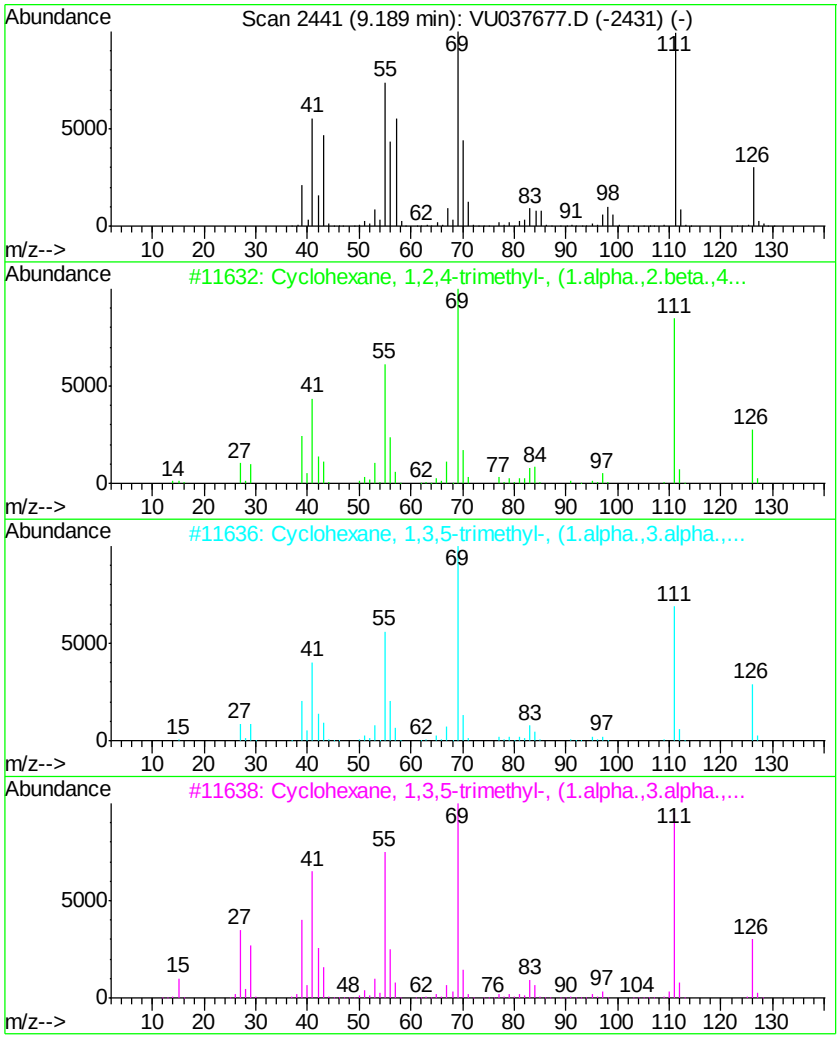
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

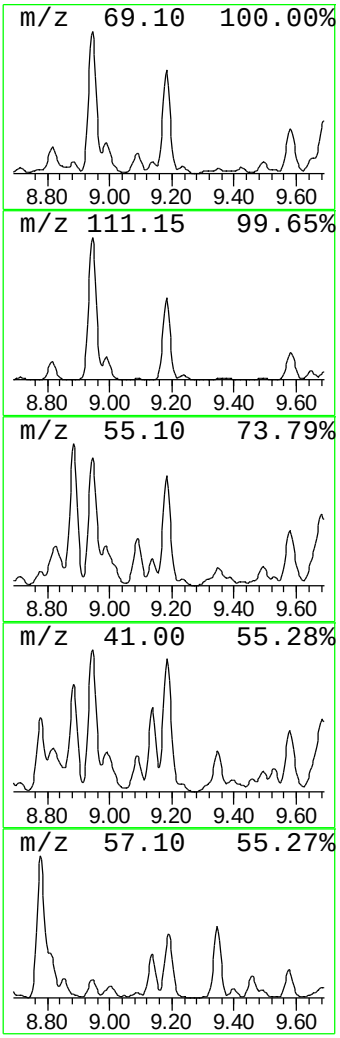
****

Peak Number 32 (DEL) Alkane: Cyclic9.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	200.90 ug/L	7689070	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	68
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	68
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

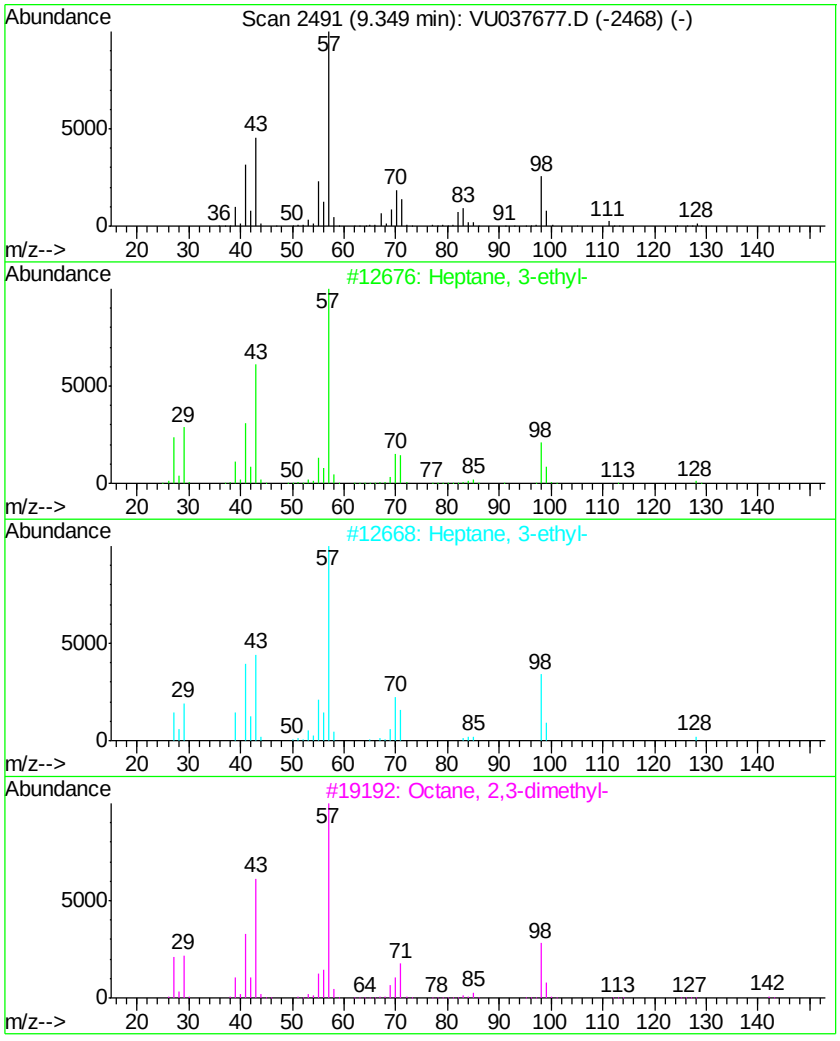
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

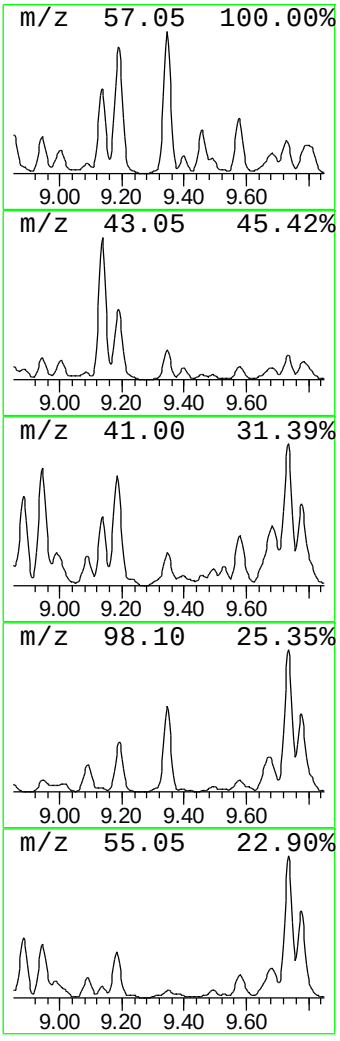
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	67.32 ug/L	2576640	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	91
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	87
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

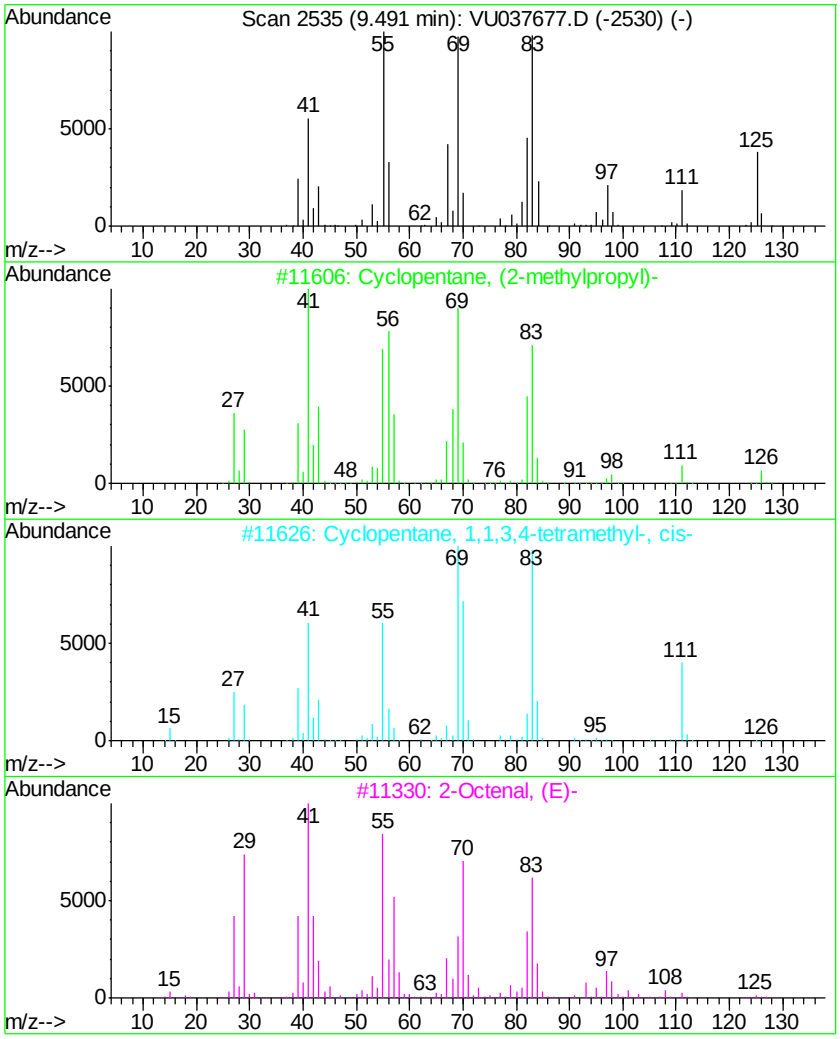
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

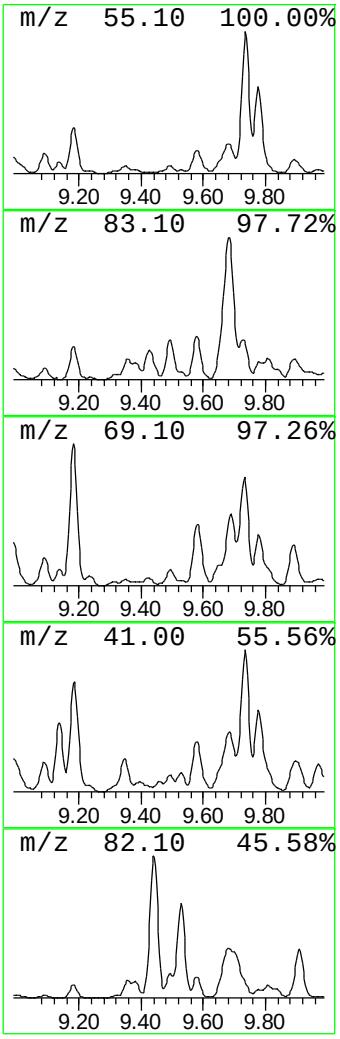
****

Peak Number 34 (DEL) Alkane: Cyclic9.49 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	11.89 ug/L	455074	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	53
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	47
3	2-Octenal, (E)-	126	C8H14O	002548-87-0	37
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	35
5	Cyclopropane, 2-chloro-1,1,3-tri...	118	C6H11Cl	098485-99-5	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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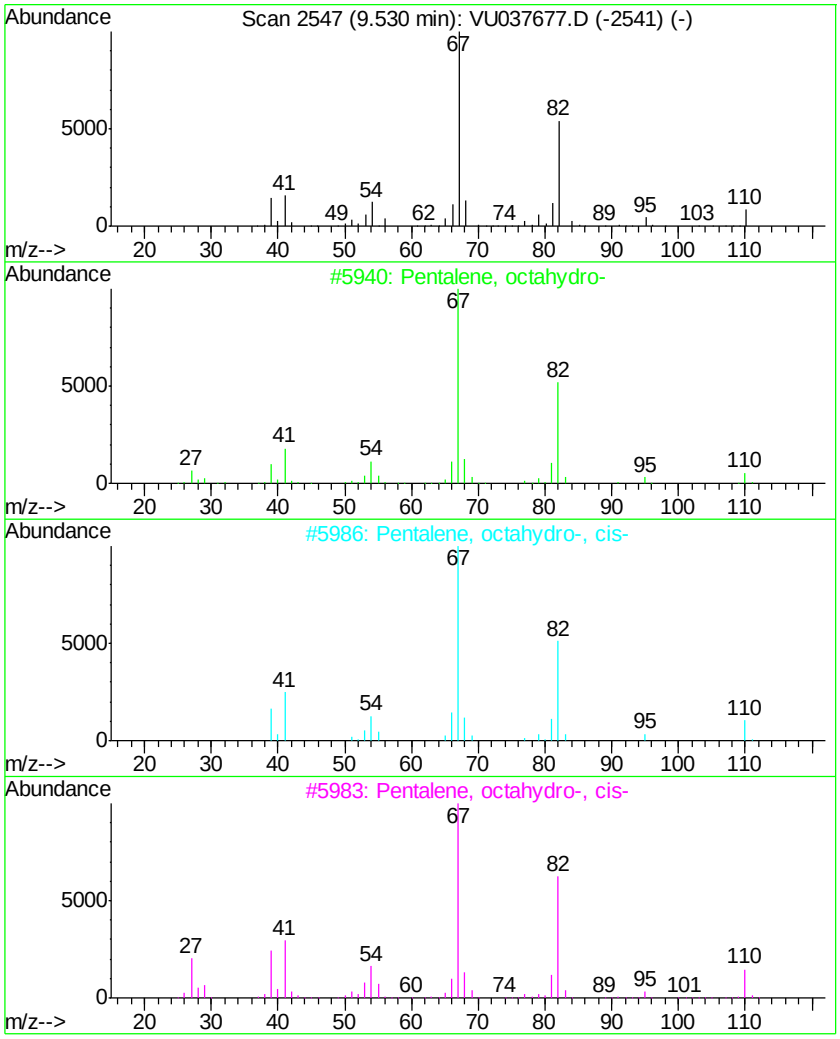
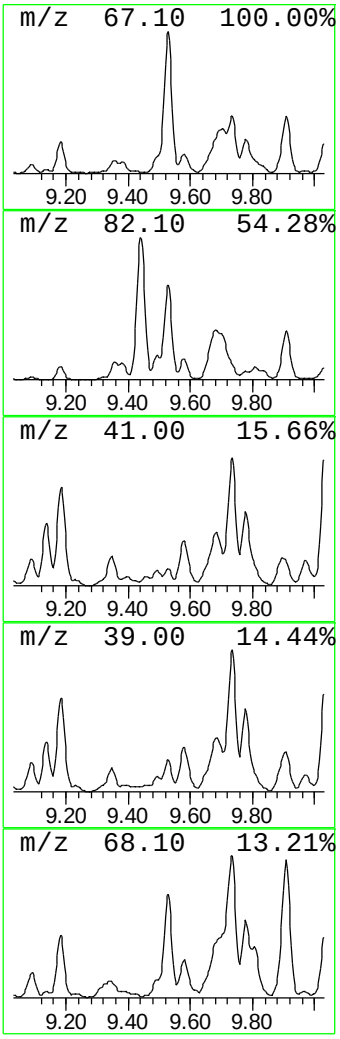
Peak Number 35 Pentalene, octahydro- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	23.08 ug/L	883400	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	91
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
5	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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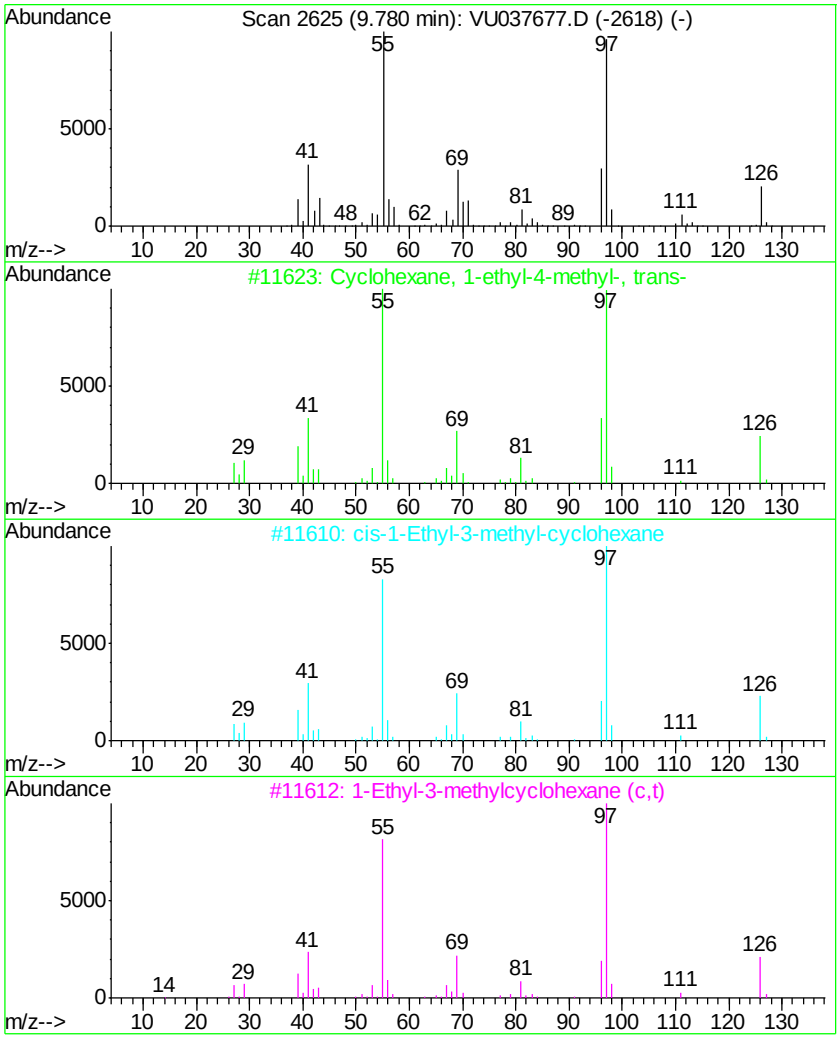
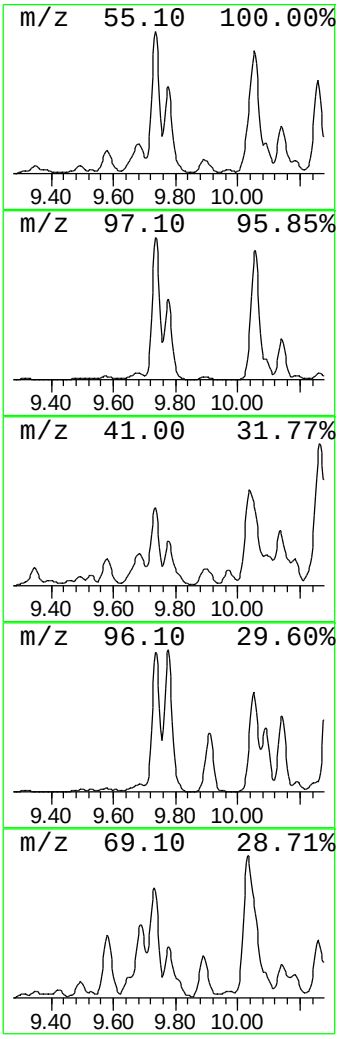
Peak Number 36 (DEL) Alkane: Cyclic9.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	206.47 ug/L	7902290	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	94
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	93
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	93
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

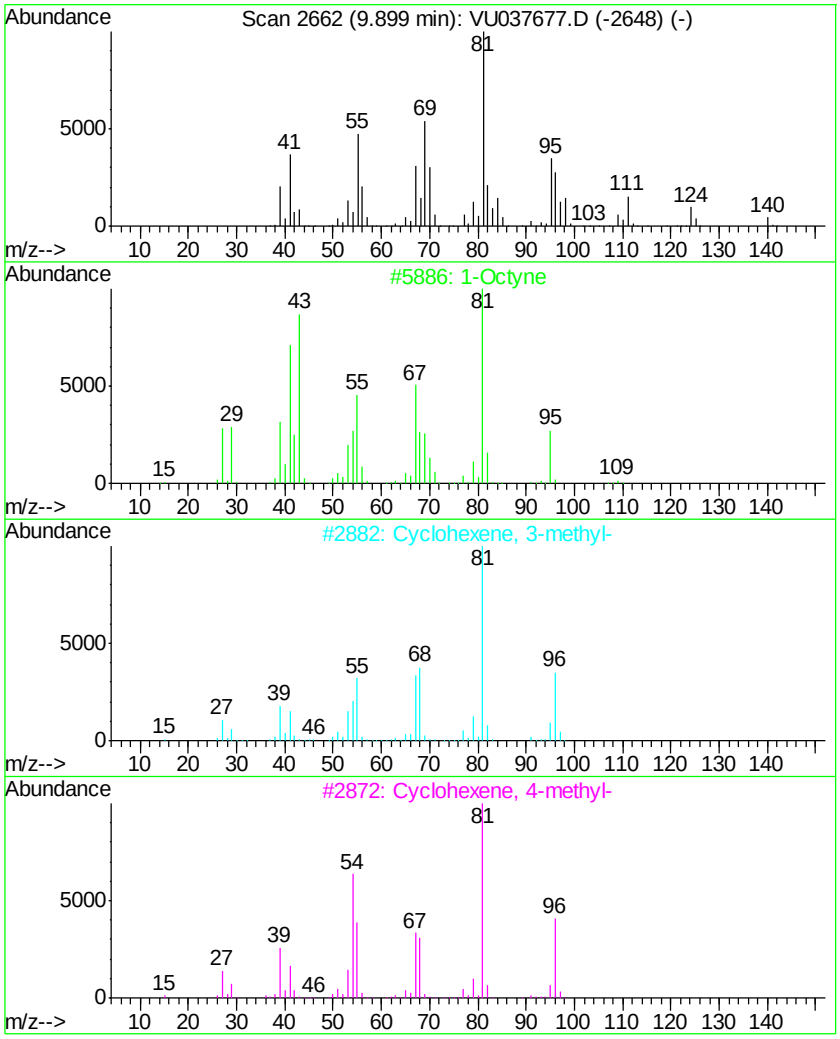
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

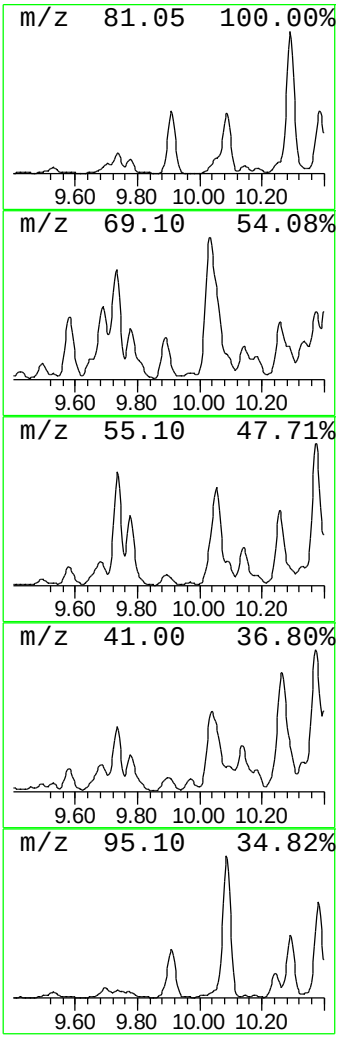
****

Peak Number 37 1-Octyne Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	109.68 ug/L	4198050	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octyne	110	C8H14	000629-05-0	50
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	47
5	Formic acid, cis-4-methylcyclohe...	142	C8H14O2	1000368-24-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

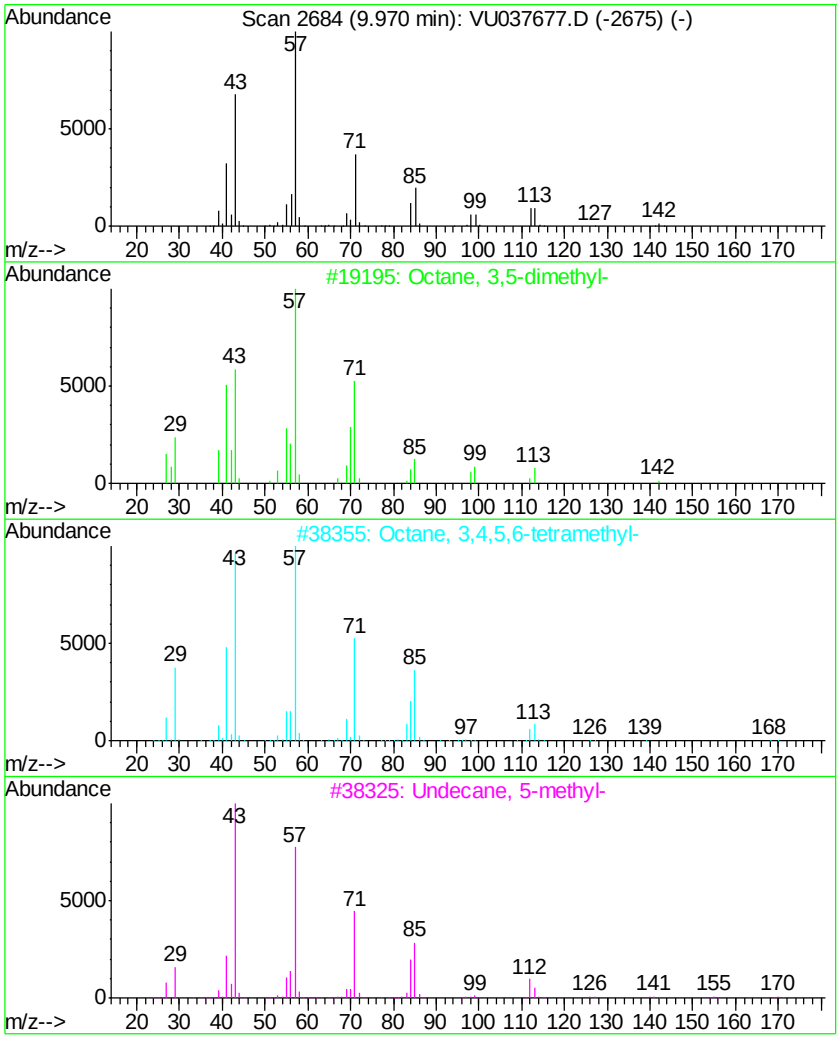
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

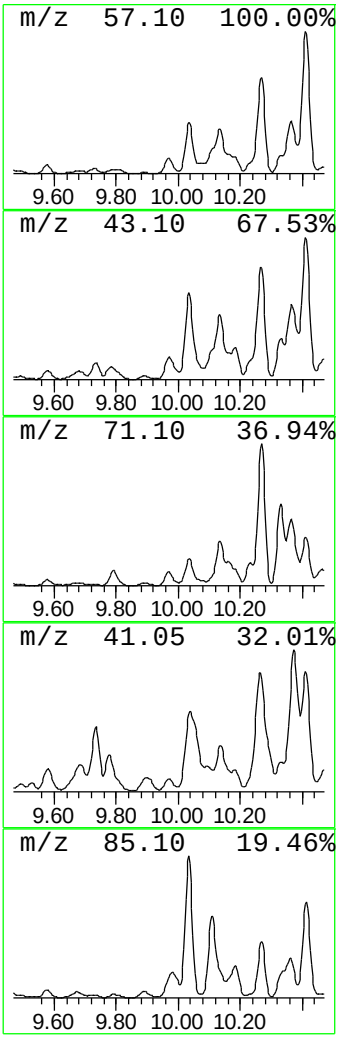
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	42.09 ug/L	1610770	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

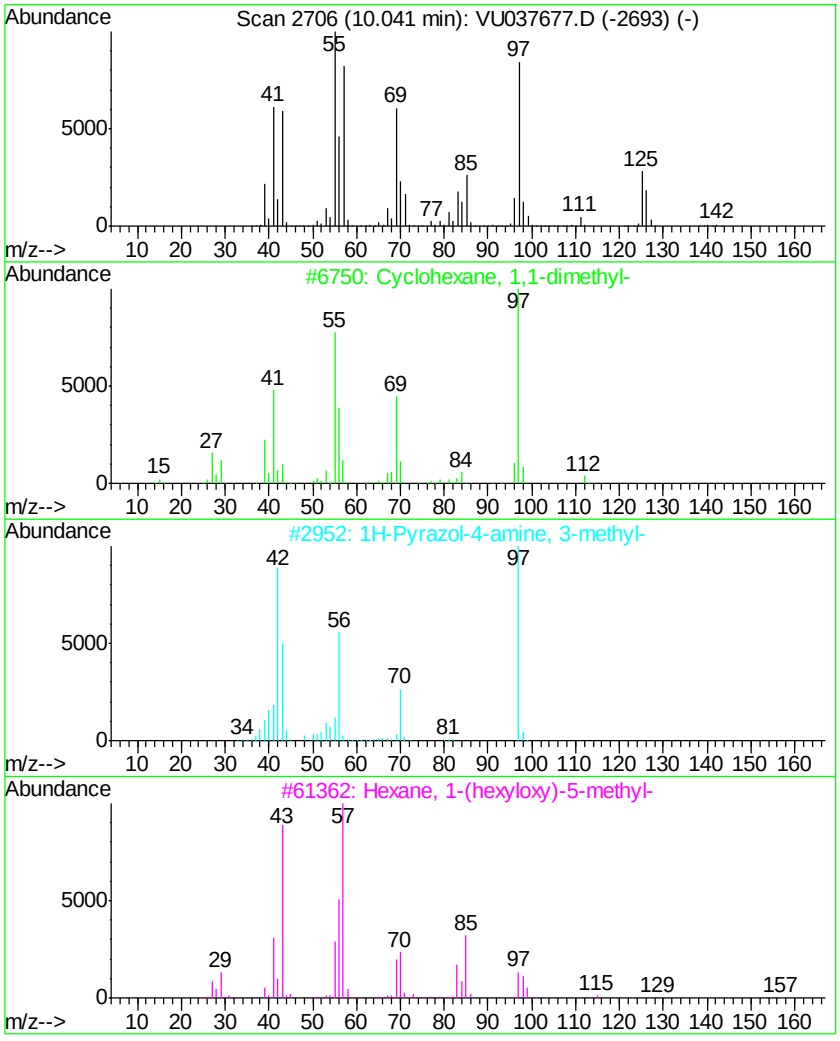
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

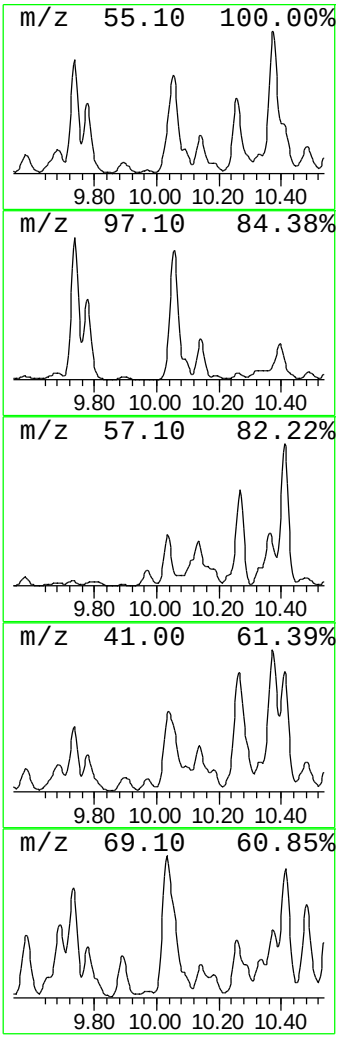
****

Peak Number 39 (DEL) Alkane: Cyclic10.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	509.53 ug/L	19501600	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
2	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	49
3	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	42
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	41





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

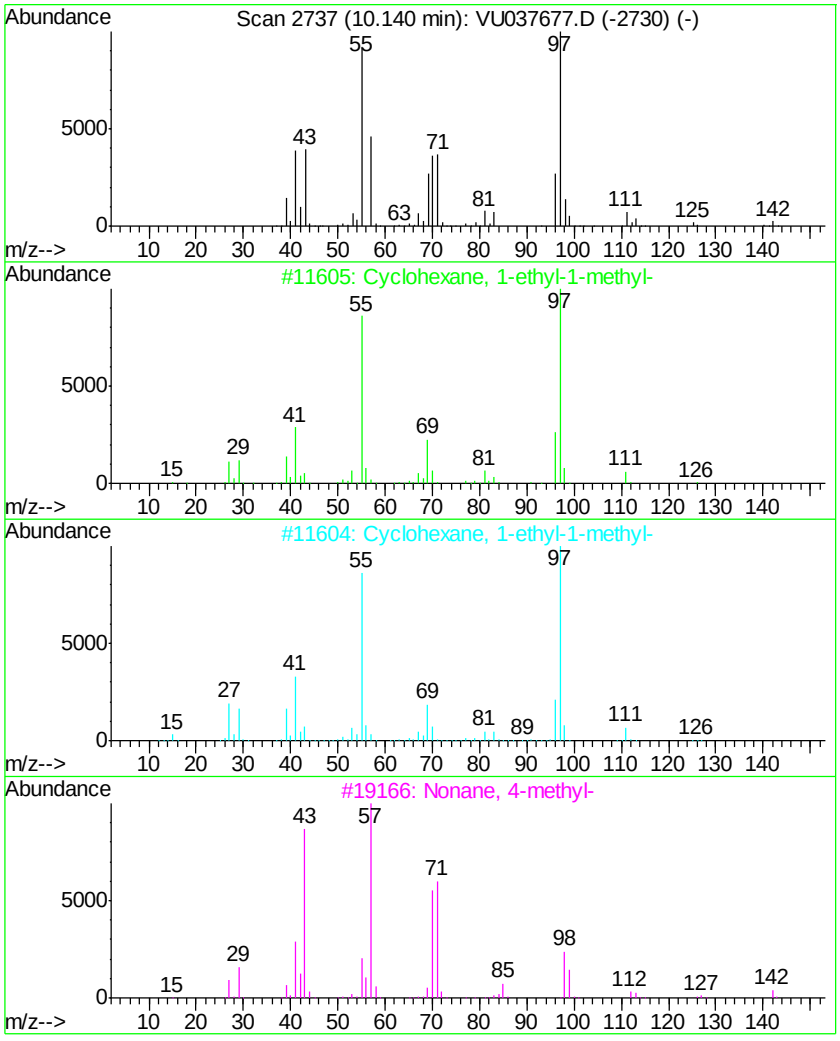
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

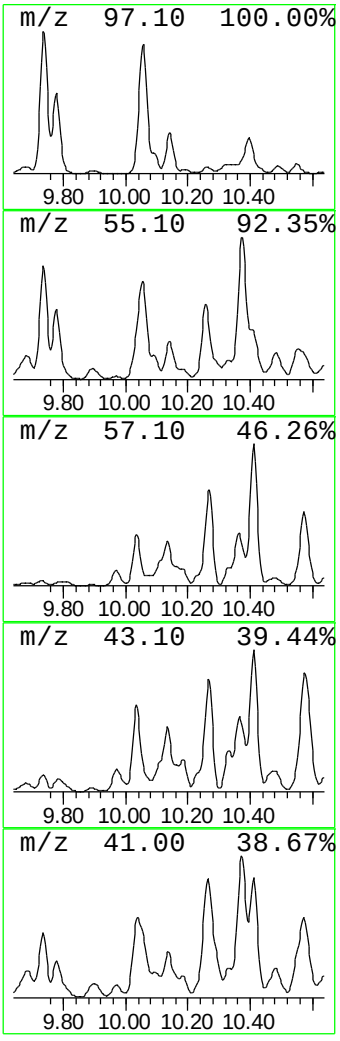
****

Peak Number 40 (DEL) Alkane: Cyclic10.14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	100.32 ug/L	3839580	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	60
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	60
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	46
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

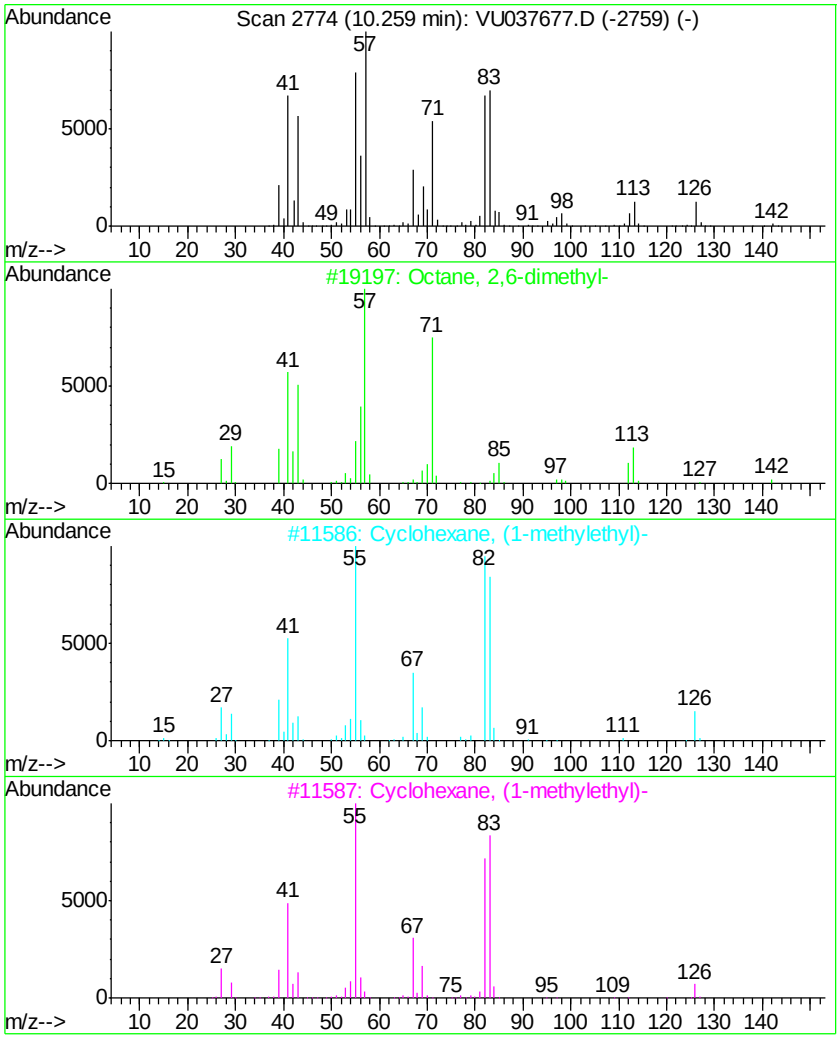
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

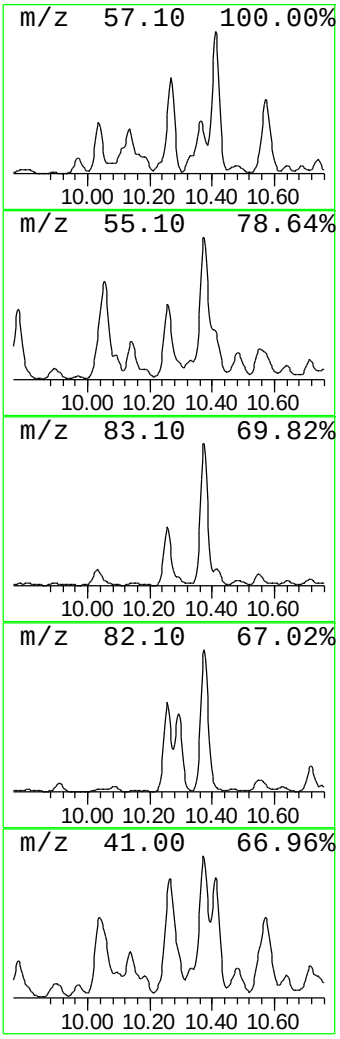
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	705.88 ug/L	27016800	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	55
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

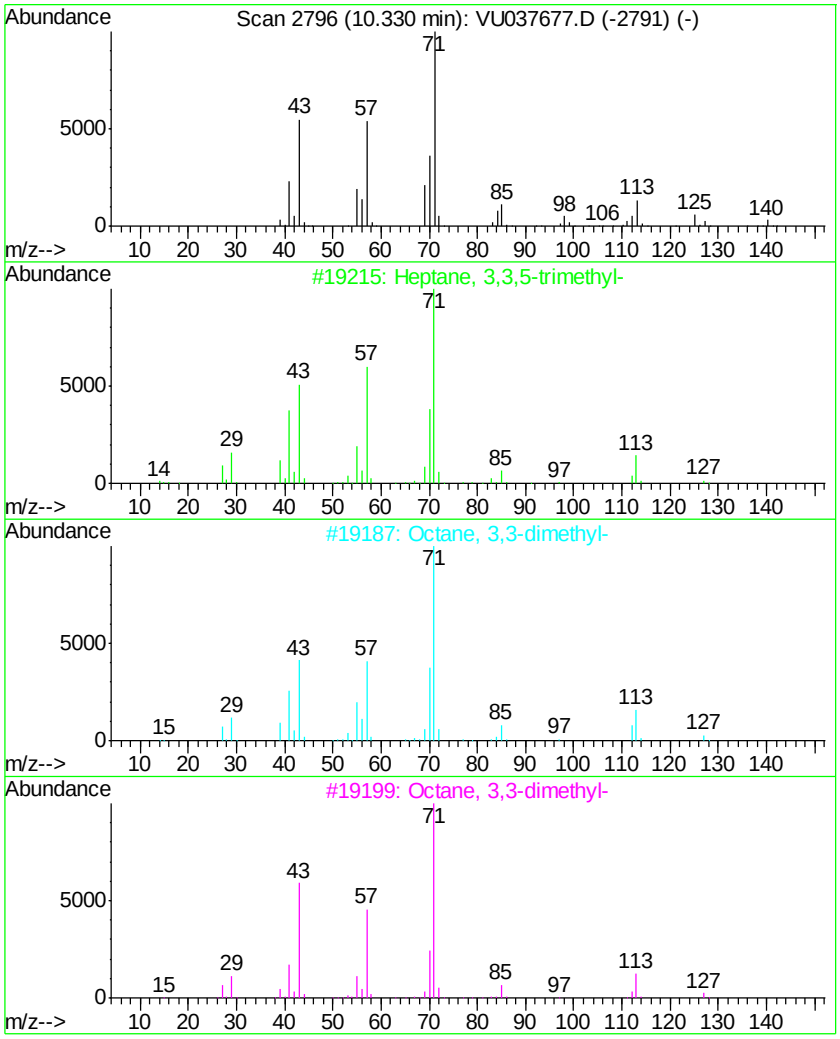
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

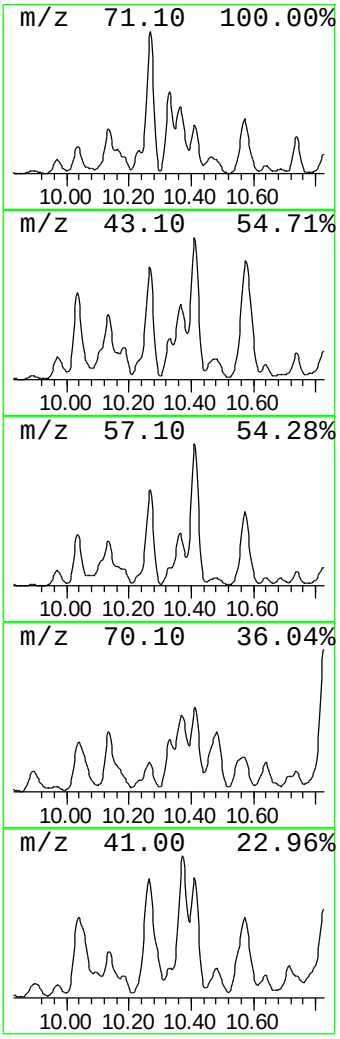
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	93.94 ug/L	3595610	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	86
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

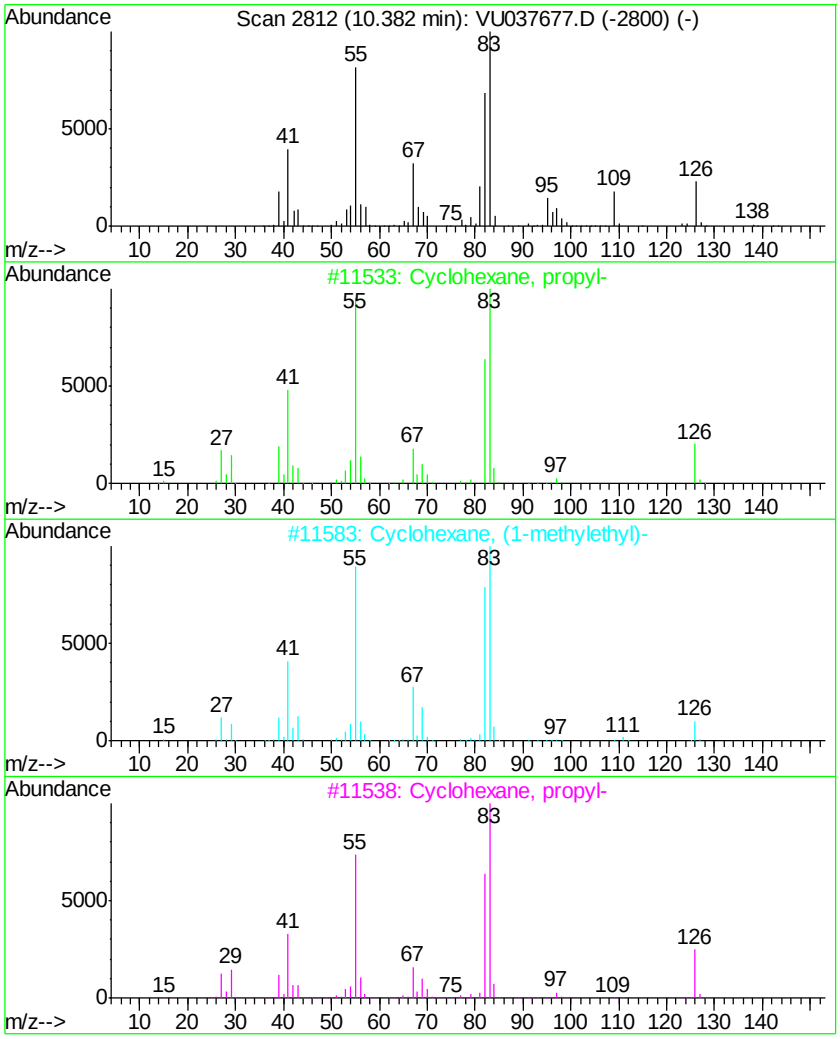
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

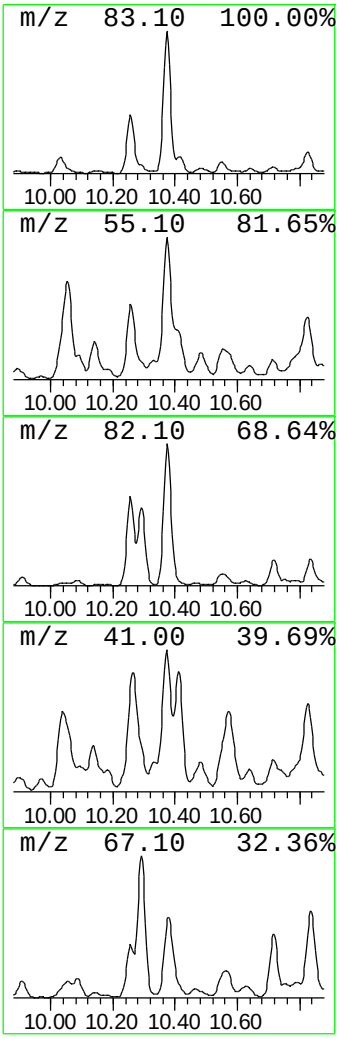
****

Peak Number 43 (DEL) Alkane: Cyclic10.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	631.04 ug/L	24152300	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	94
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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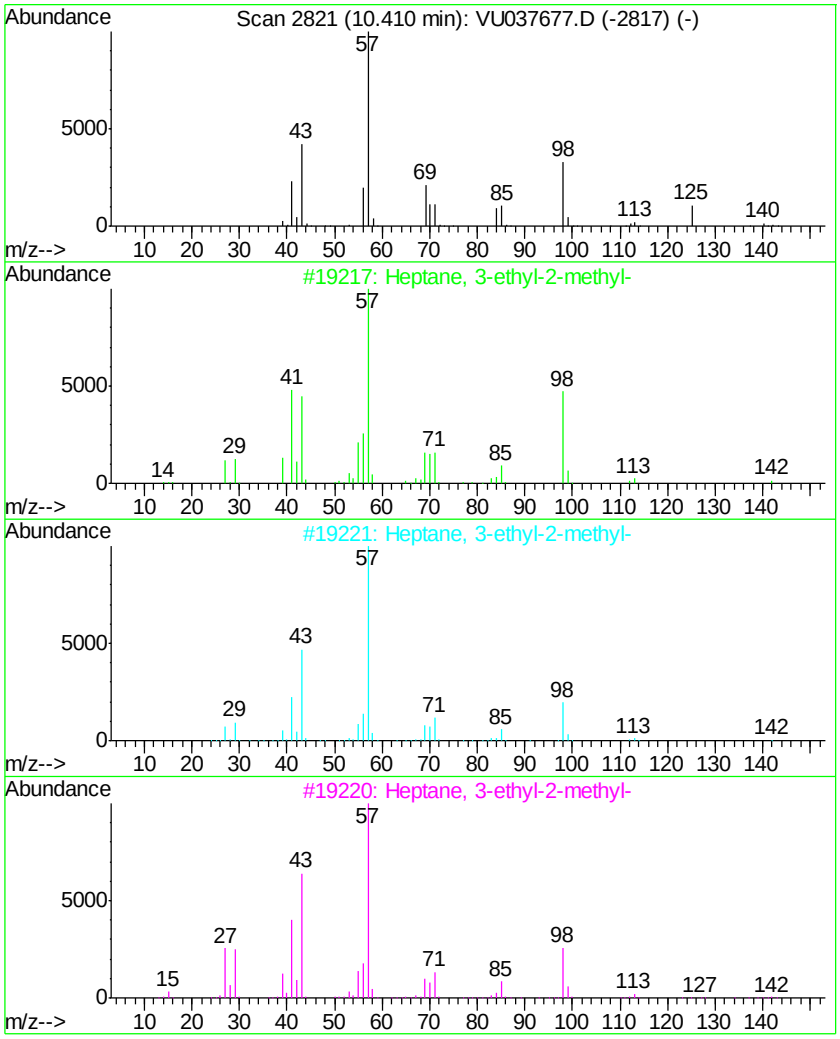
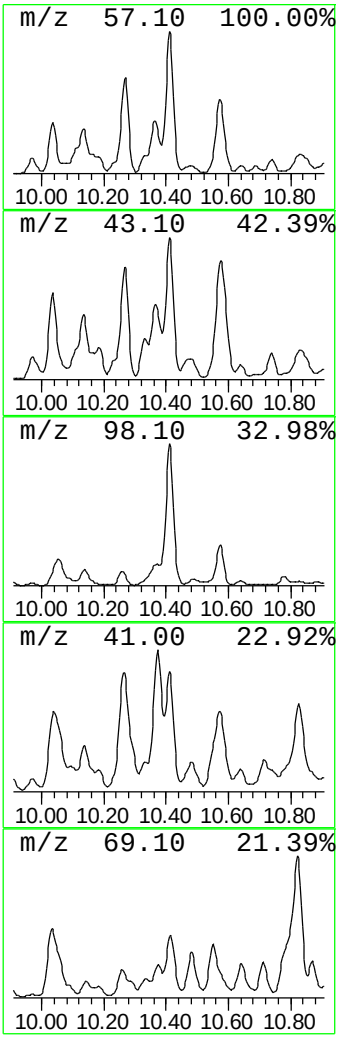
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	364.19 ug/L	13939000	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	81
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

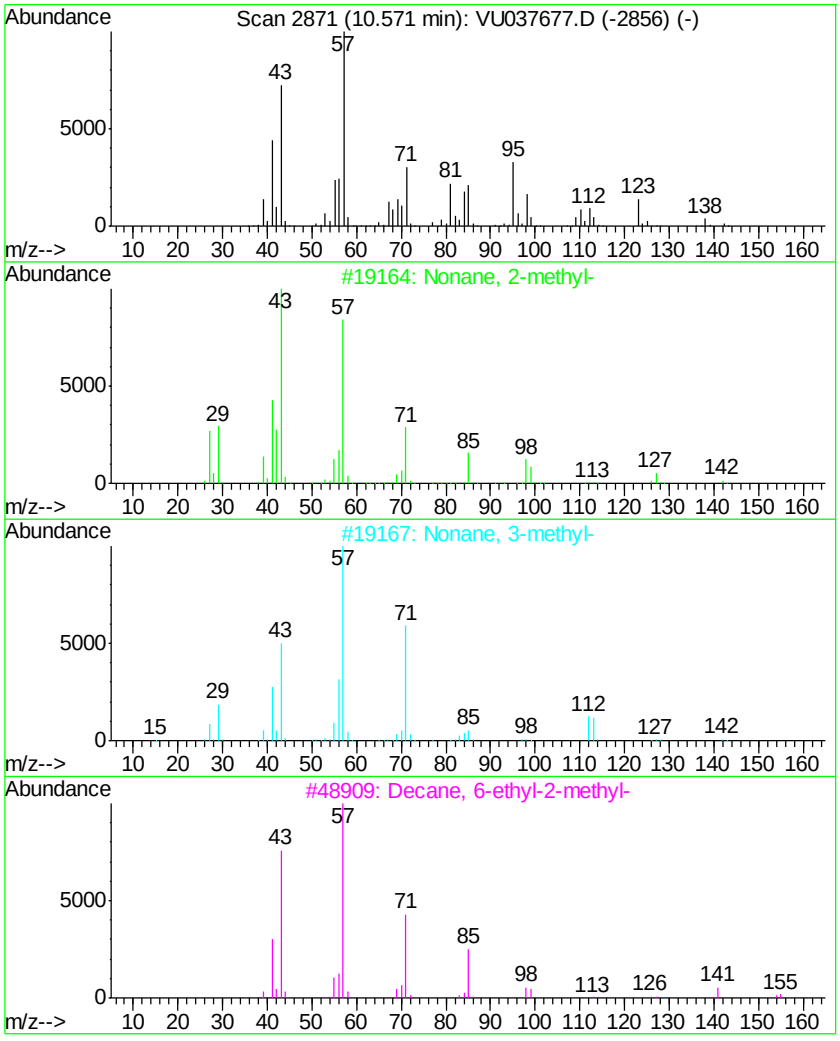
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

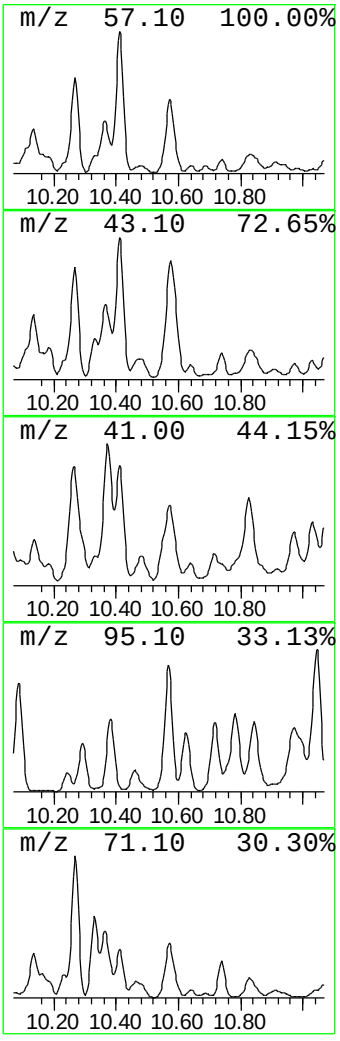
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	470.94 ug/L	18024700	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	52
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	38
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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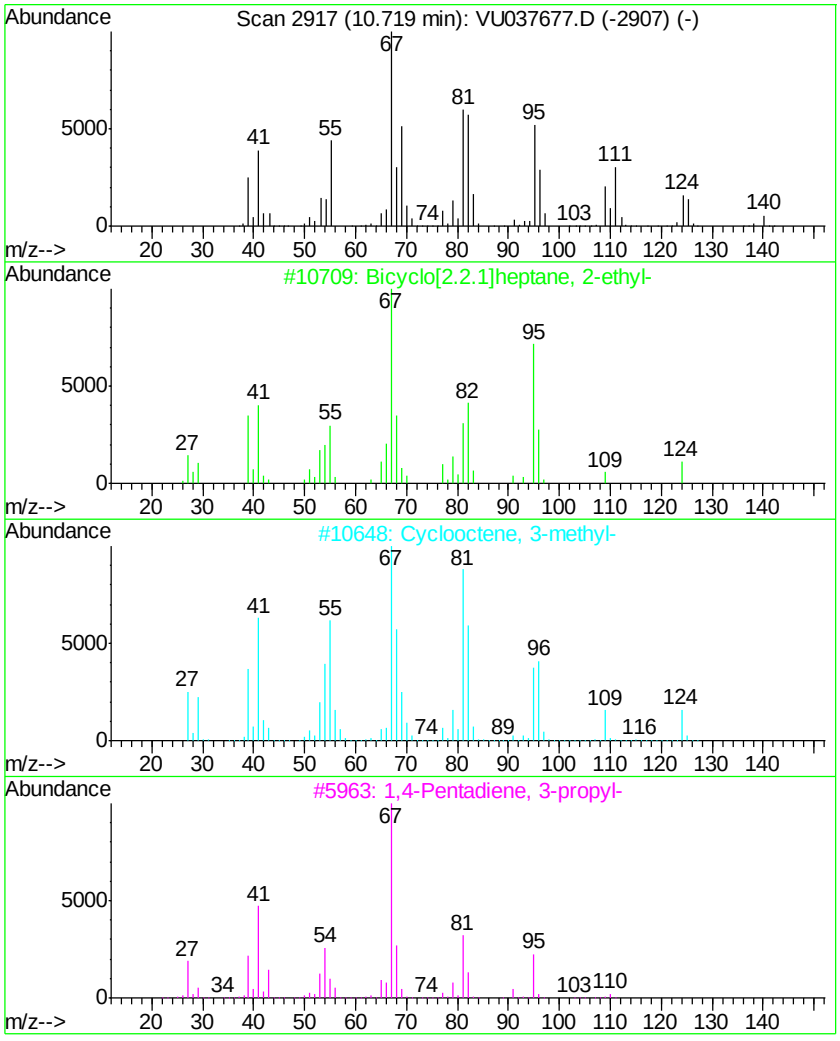
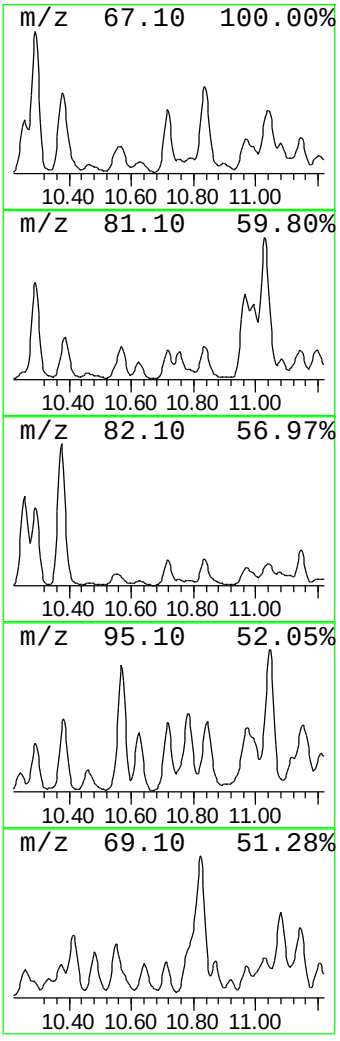
Peak Number 46 Bicyclo[2.2.1]heptane, 2-et... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	49.35 ug/L	5503440	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	58
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	58
3	1,4-Pentadiene, 3-propyl-	110	C8H14	000996-83-8	58
4	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	52
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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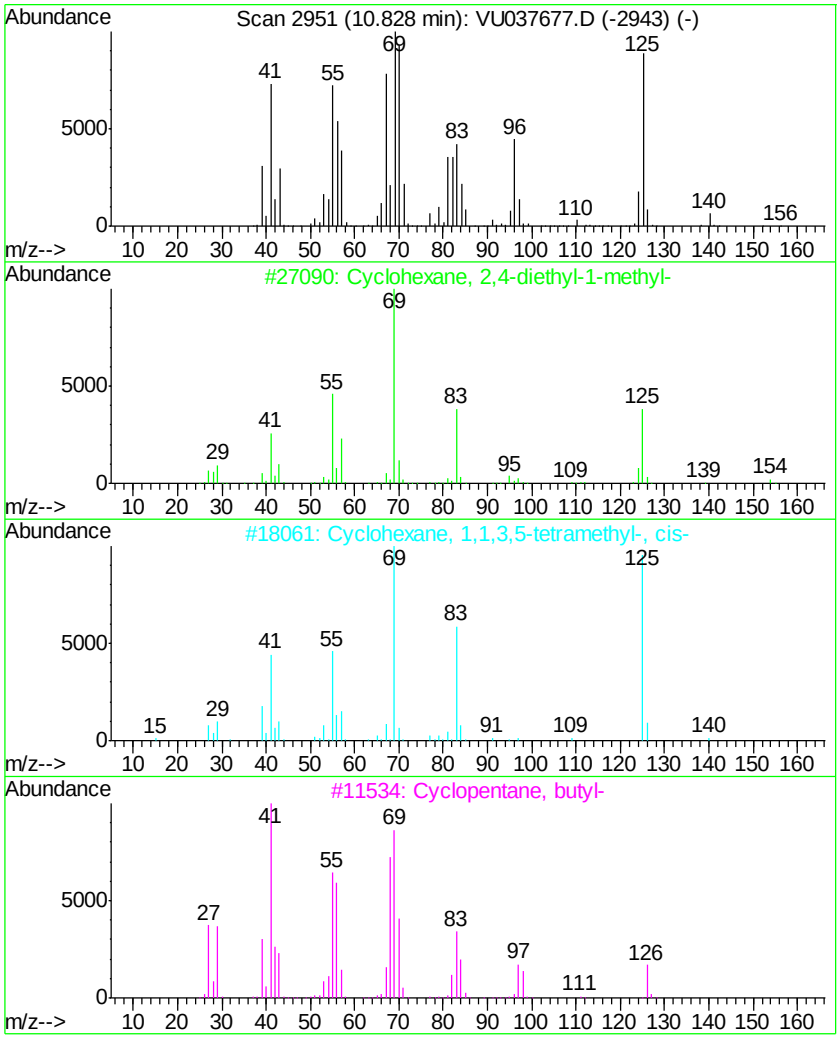
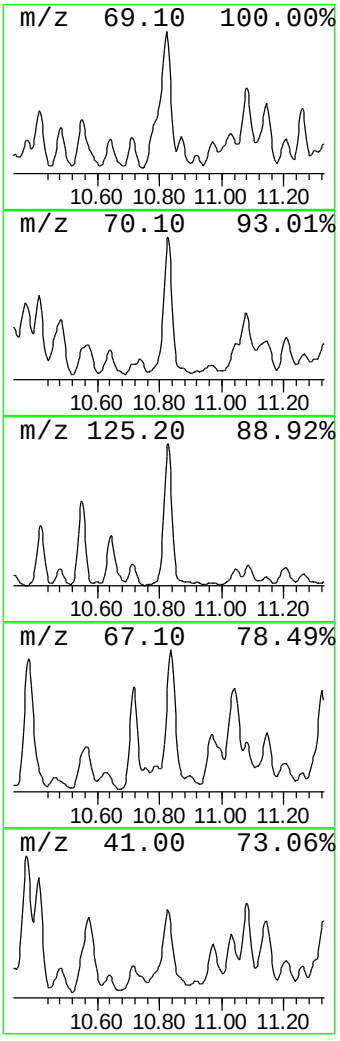
Peak Number 47 (DEL) Alkane: Cyclic10.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	150.80 ug/L	16816300	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	38
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	38
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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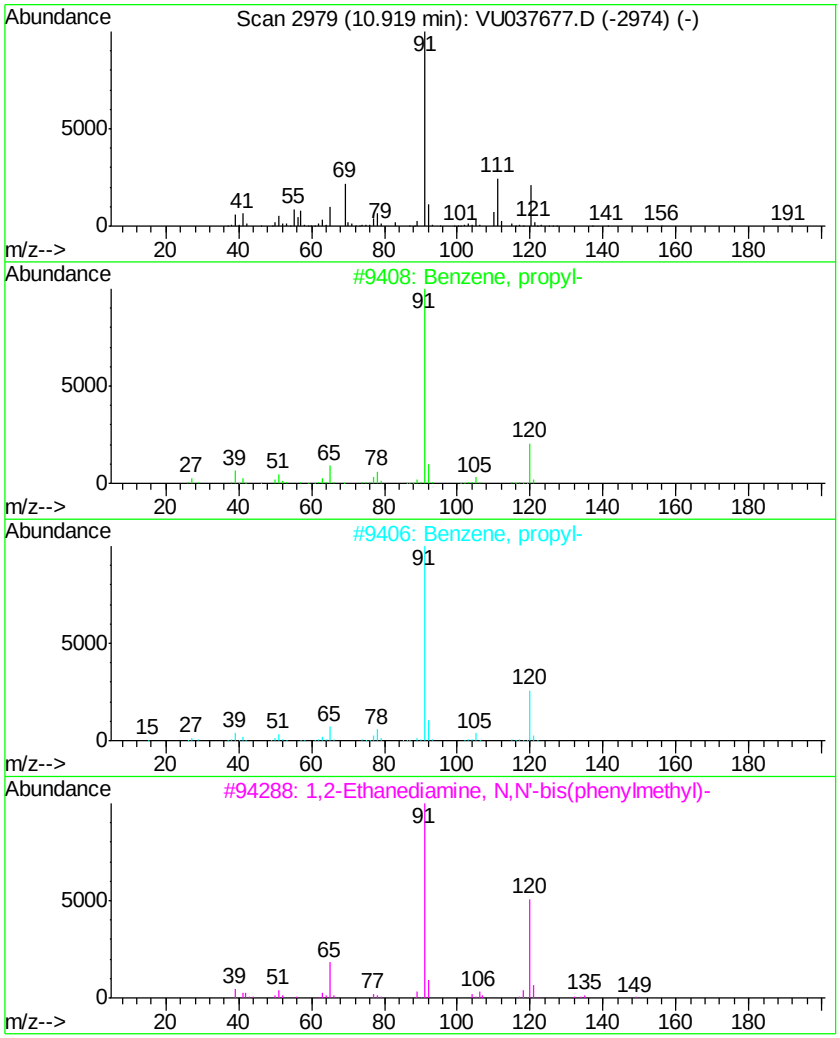
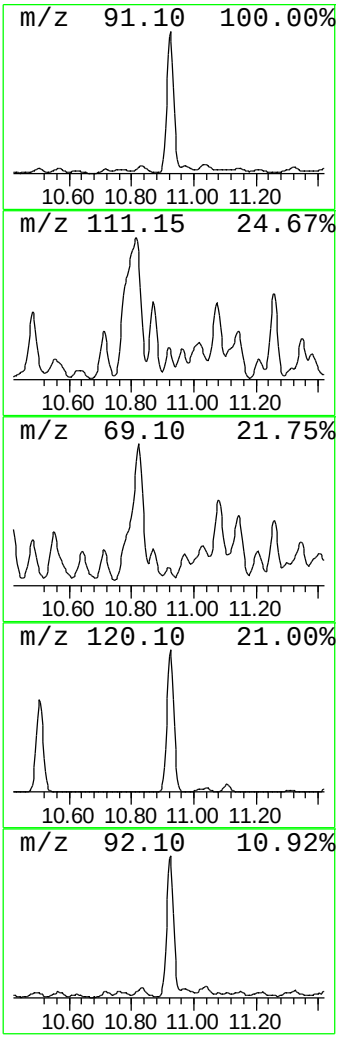
Peak Number 48 Benzene, propyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	11.26 ug/L	1255960	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	64
2	Benzene, propyl-	120	C9H12	000103-65-1	58
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	47
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	47
5	Benzene, propyl-	120	C9H12	000103-65-1	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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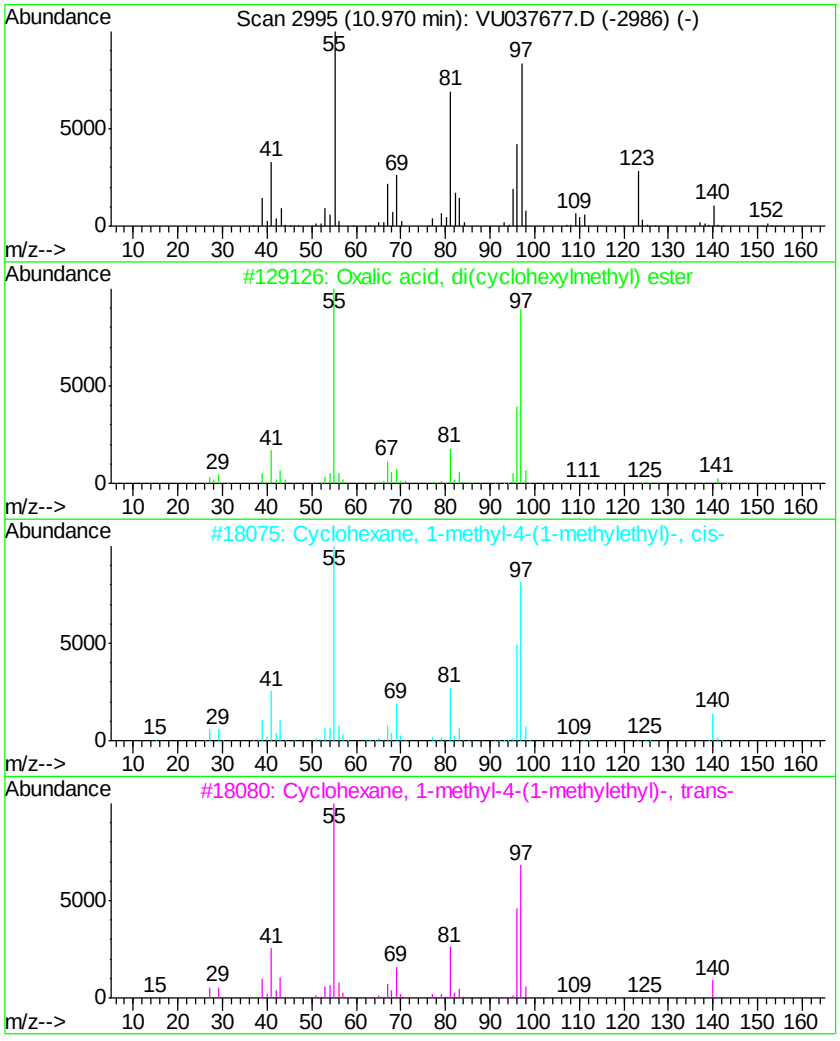
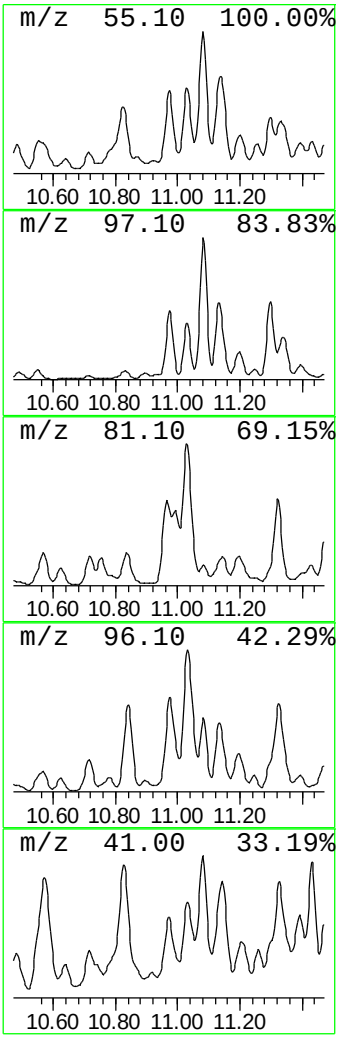
Peak Number 49 Oxalic acid, di(cyclohexylm... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	86.36 ug/L	9630410	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	72
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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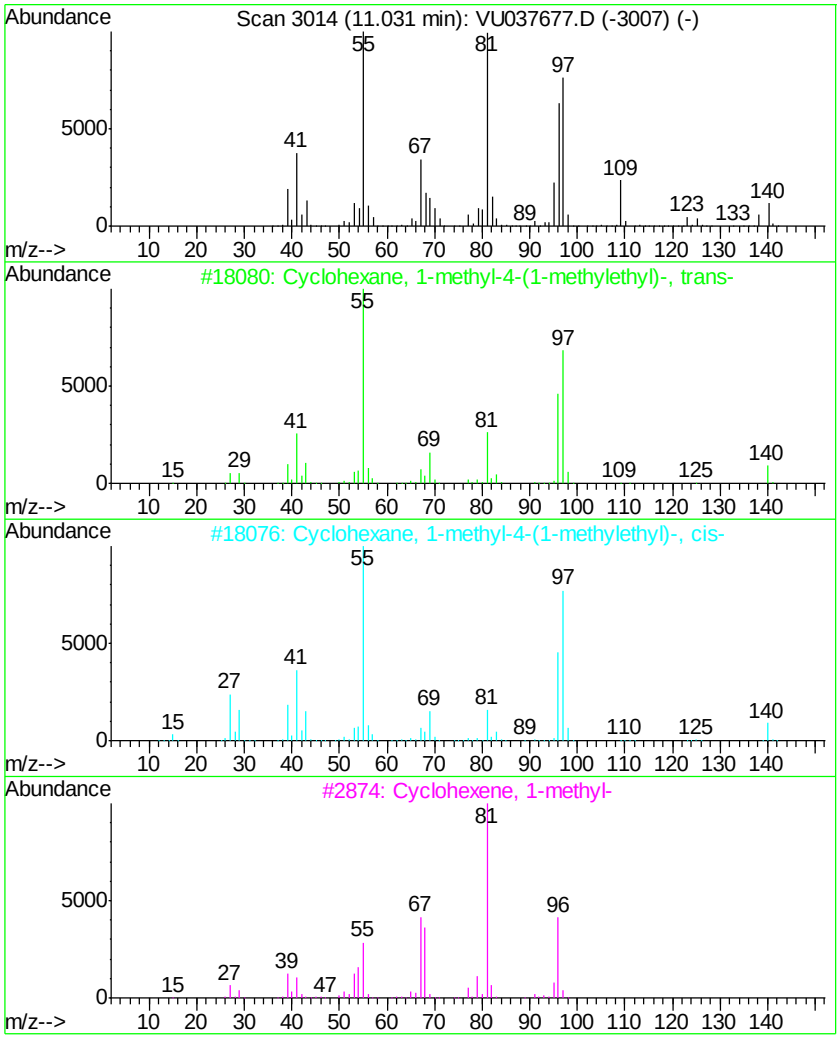
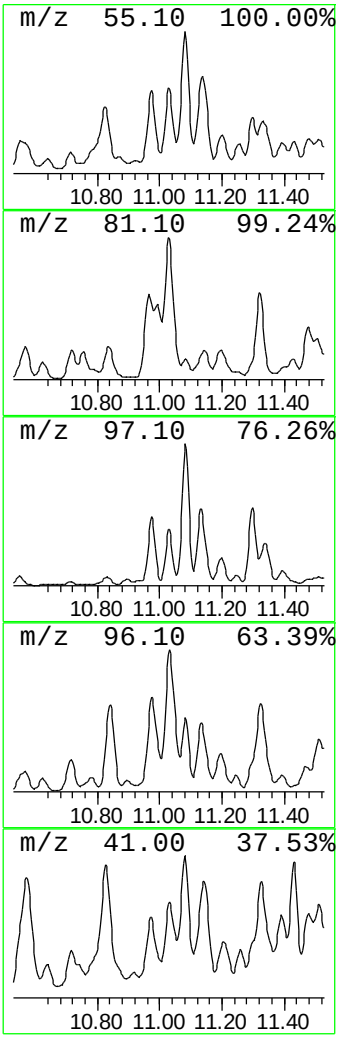
Peak Number 50 (DEL) Alkane: Cyclic11.03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	74.67 ug/L	8326420	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

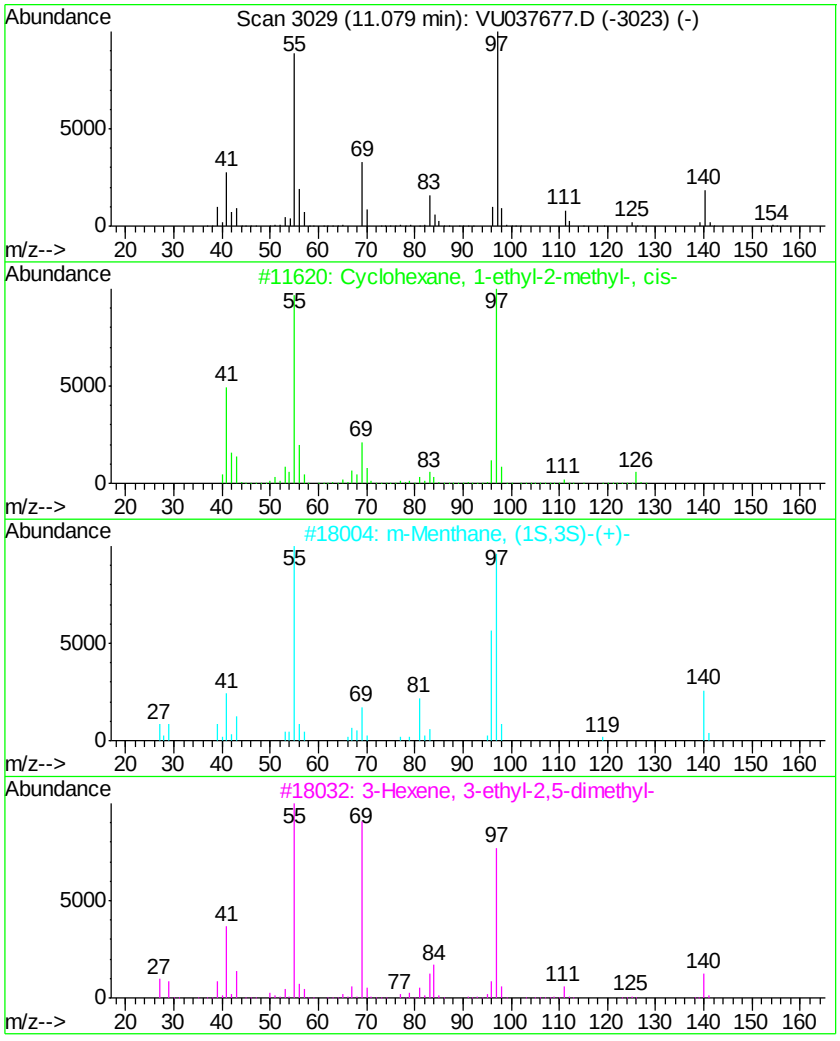
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

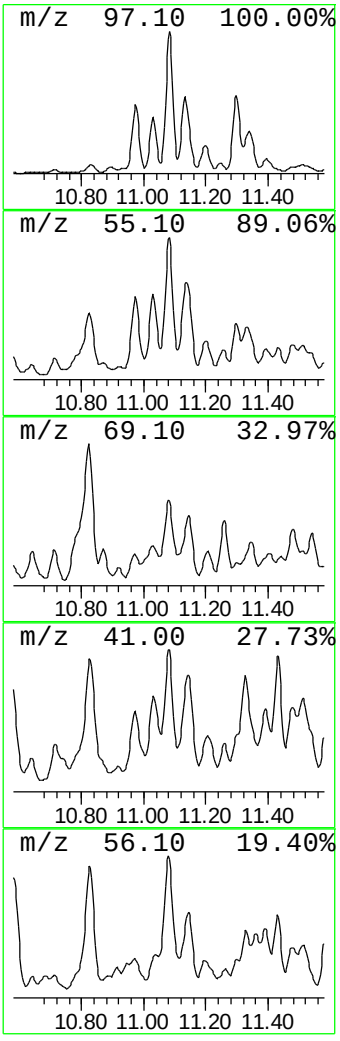
****

Peak Number 51 (DEL) Alkane: Cyclic11.08 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	86.10 ug/L	9601050	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	64
4	Semustine	247	C10H18ClN3O2	013909-09-6	64
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

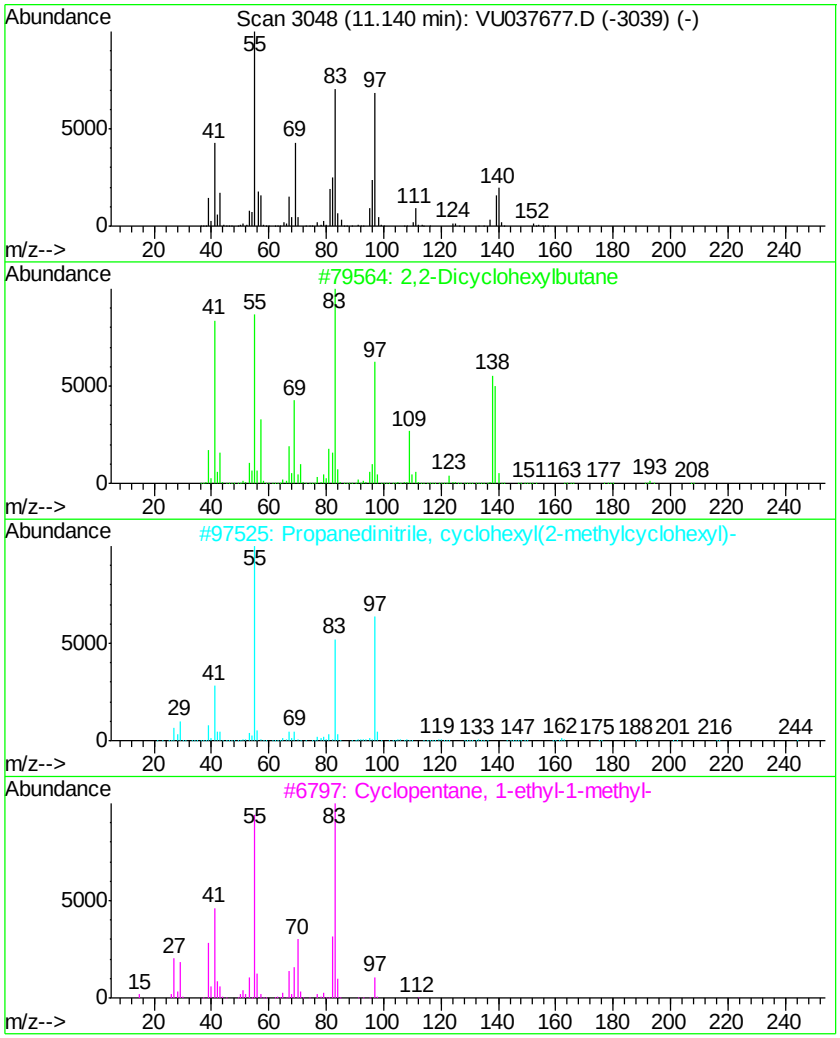
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

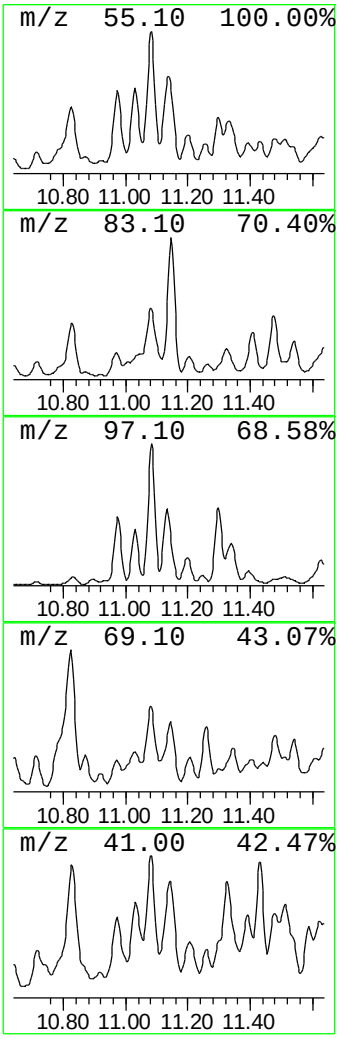
****

Peak Number 52 2,2-Dicyclohexylbutane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	116.51 ug/L	12992500	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dicyclohexylbutane	222	C16H30	054890-02-7	50
2	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	43
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
4	Oxalic acid, decyl 1-menthyl ester	368	C22H40O4	1000314-97-8	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

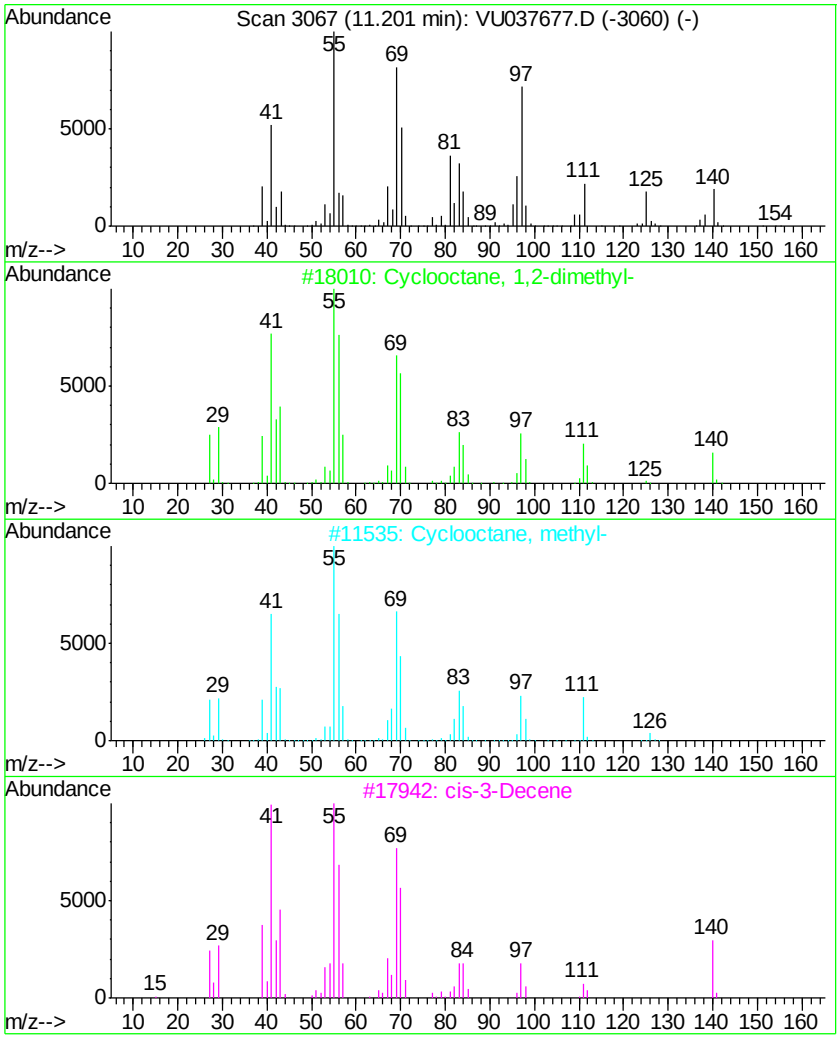
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

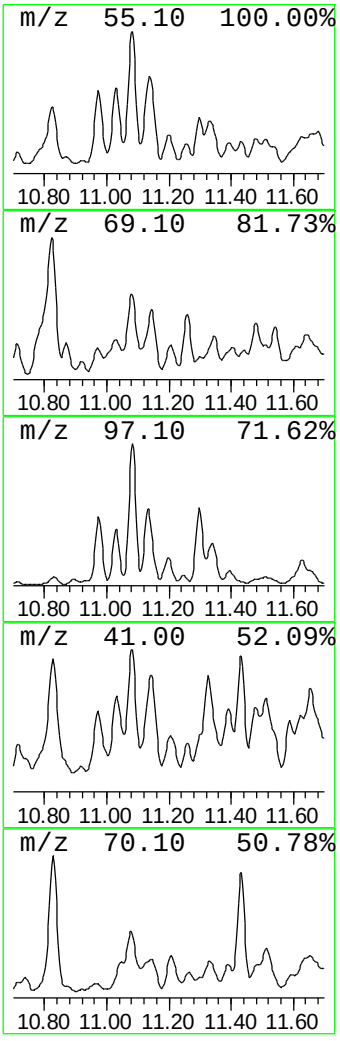
****

Peak Number 53 (DEL) Alkane: Cyclic11.20 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	39.02 ug/L	4350930	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	70
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	58
3	cis-3-Decene	140	C10H20	019398-86-8	58
4	4-Decene	140	C10H20	019689-18-0	49
5	trans-3-Decene	140	C10H20	019150-21-1	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

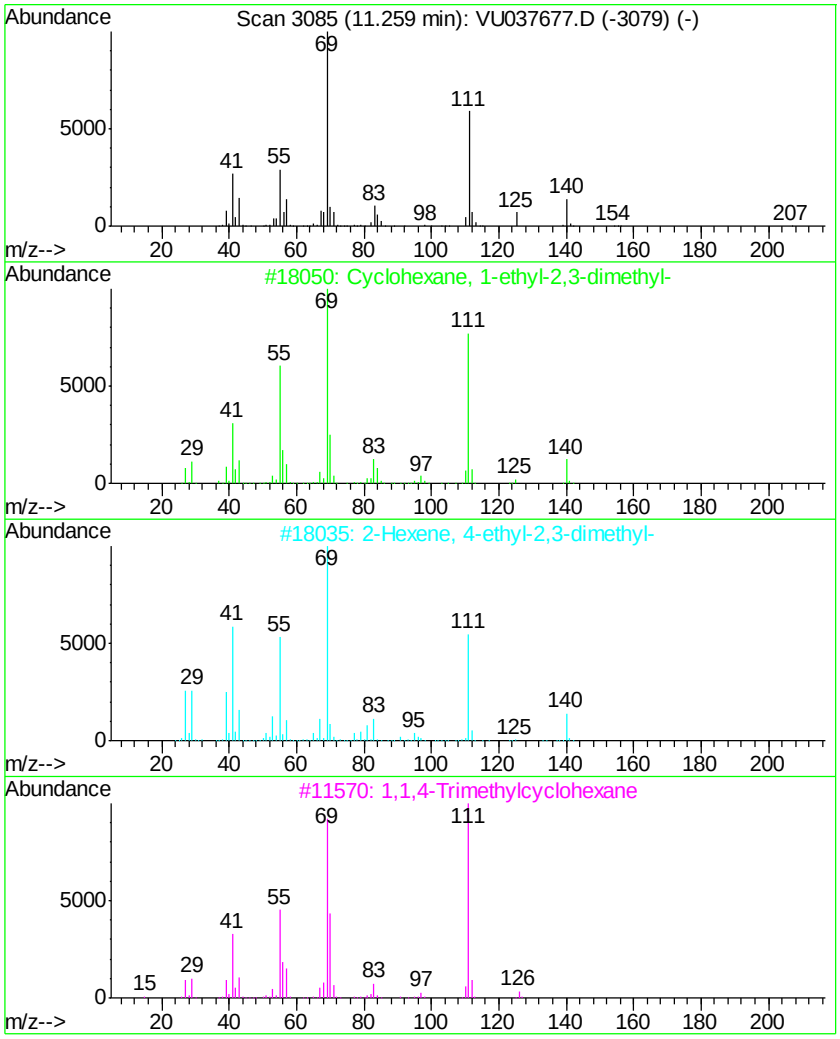
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

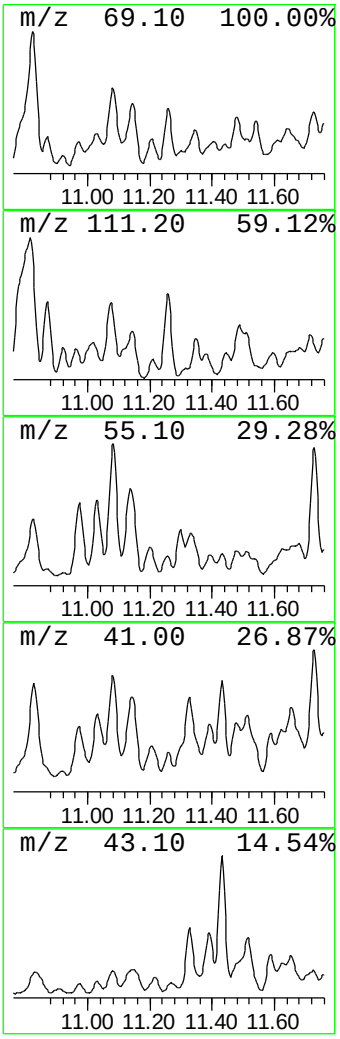
****

Peak Number 54 (DEL) Alkane: Cyclic11.26 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	15.02 ug/L	1674620	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	86
2	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	80
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	72
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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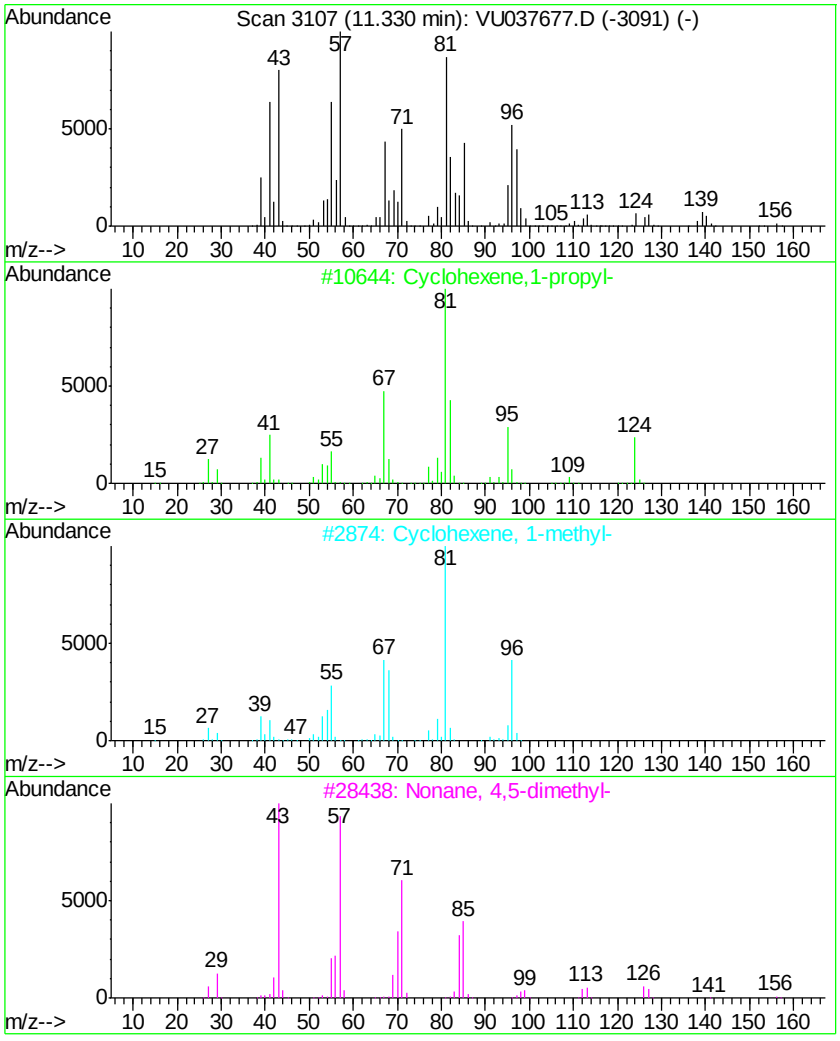
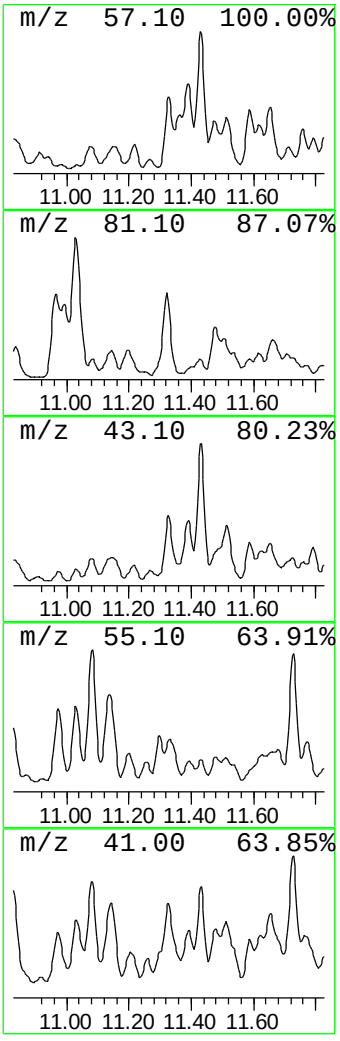
Peak Number 55 Cyclohexene,1-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	131.43 ug/L	14656400	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	50
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	45
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	41
4	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	38
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

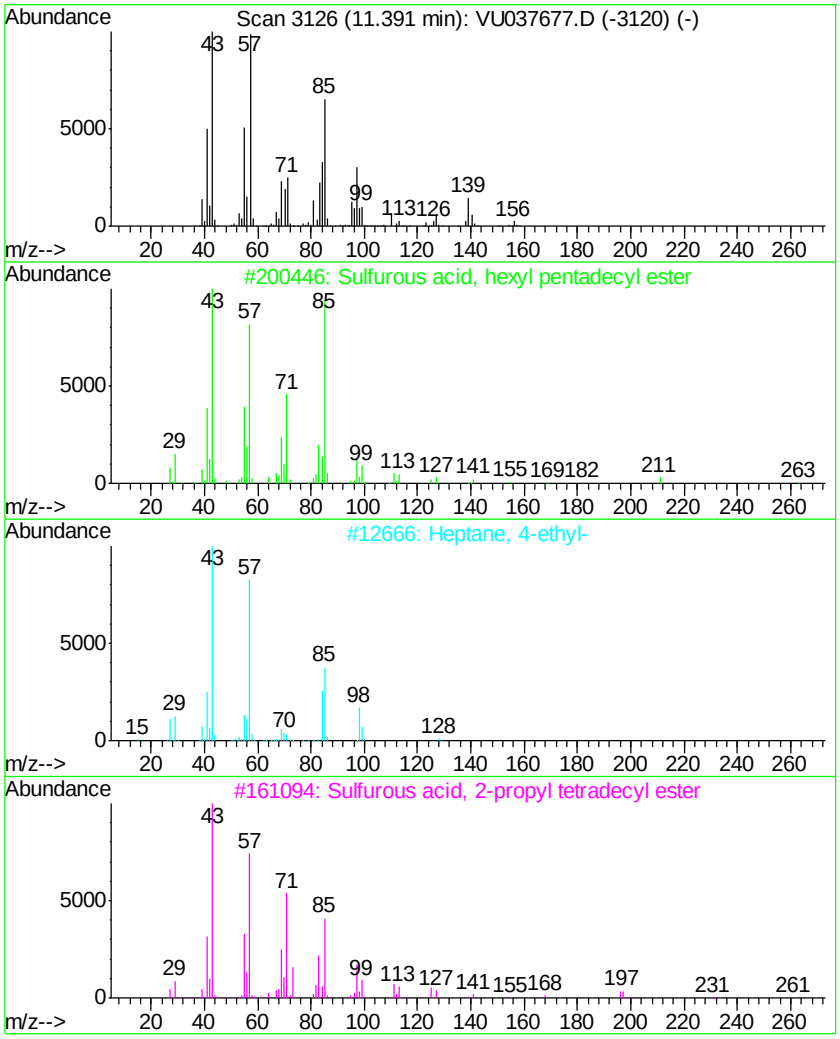
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

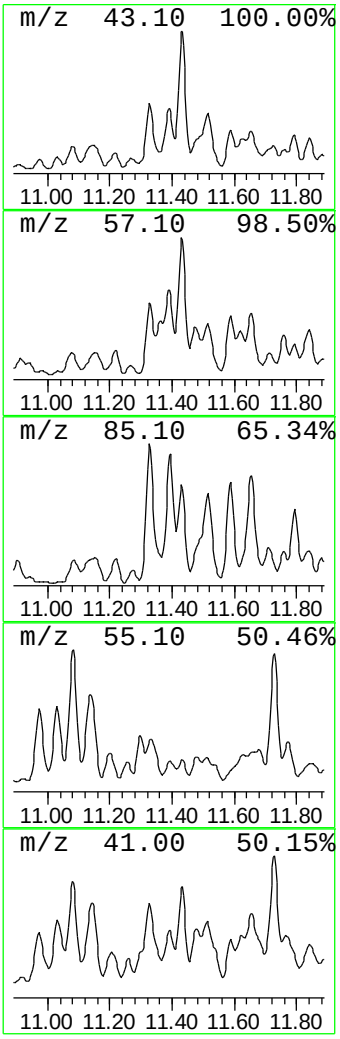
****

Peak Number 56 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	28.11 ug/L	3134280	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	43
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	41
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	38
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	35
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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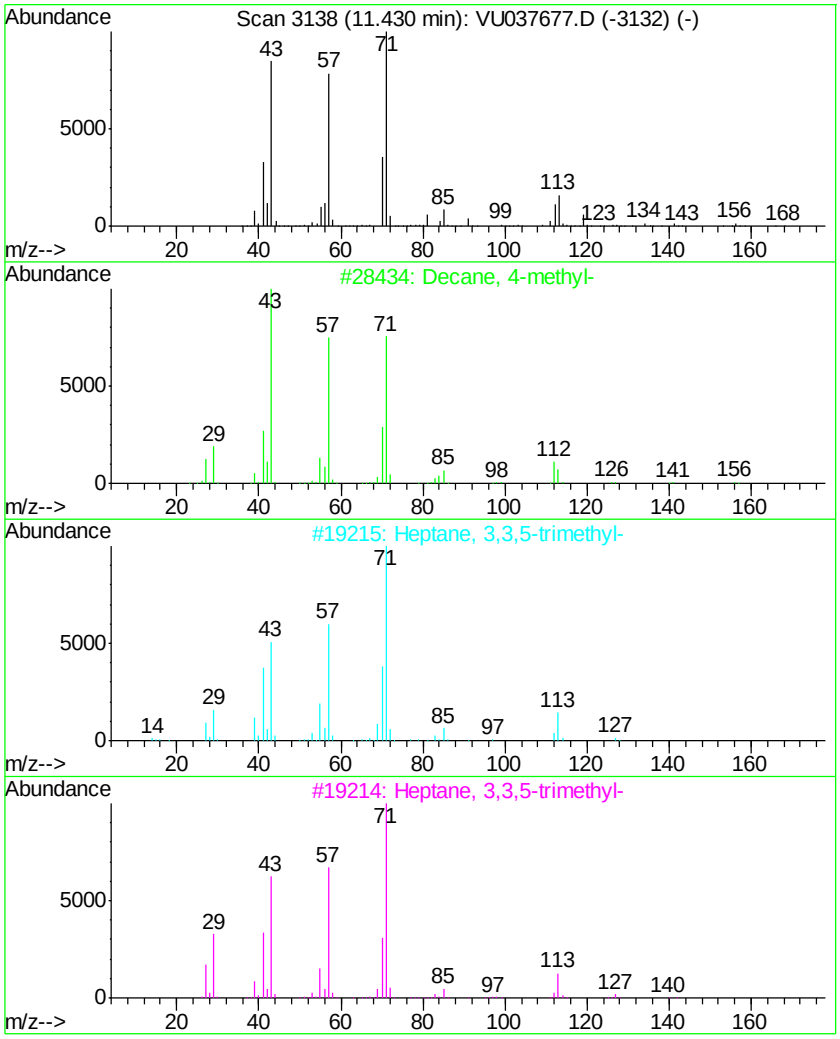
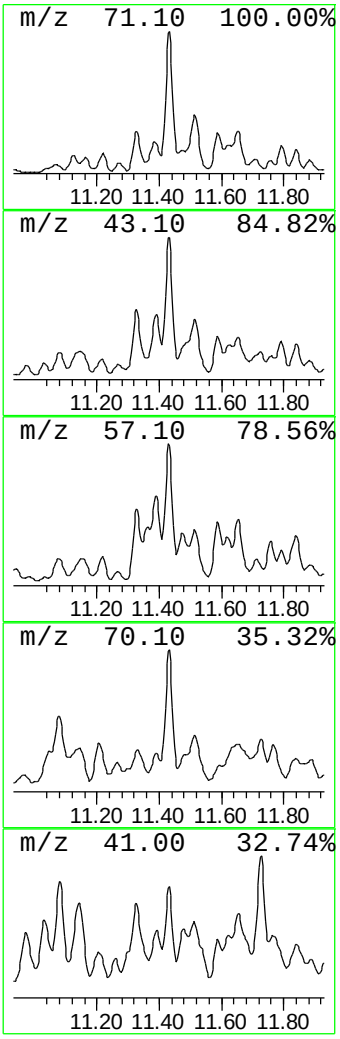
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	68.58 ug/L	7648250	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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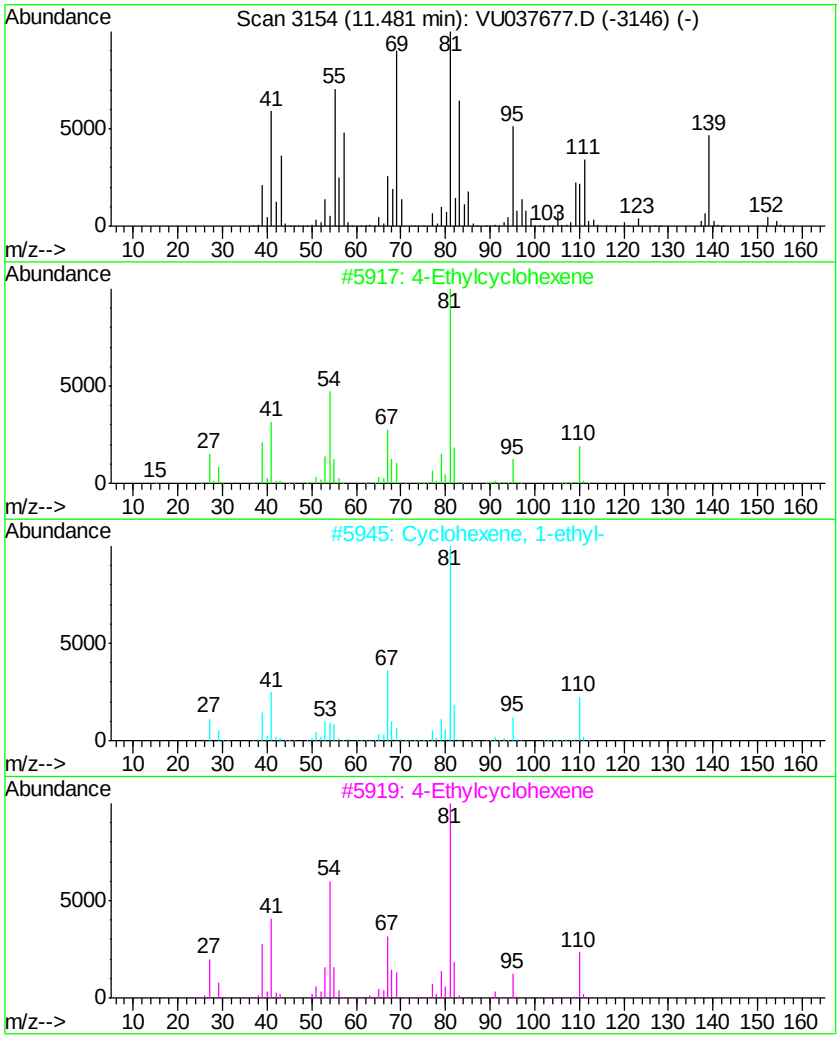
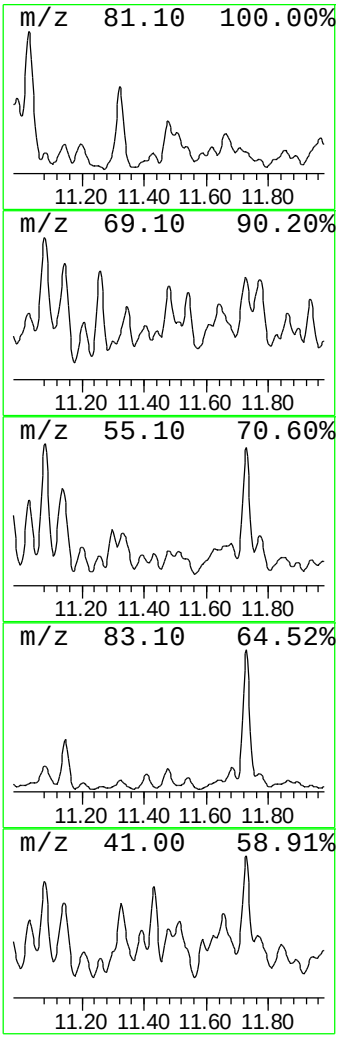
Peak Number 58 unknown-04 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	45.50 ug/L	5074300	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylcyclohexene	110	C8H14	003742-42-5	25
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	18
4	Cyclooctanecarboxaldehyde	140	C9H16O	006688-11-5	18
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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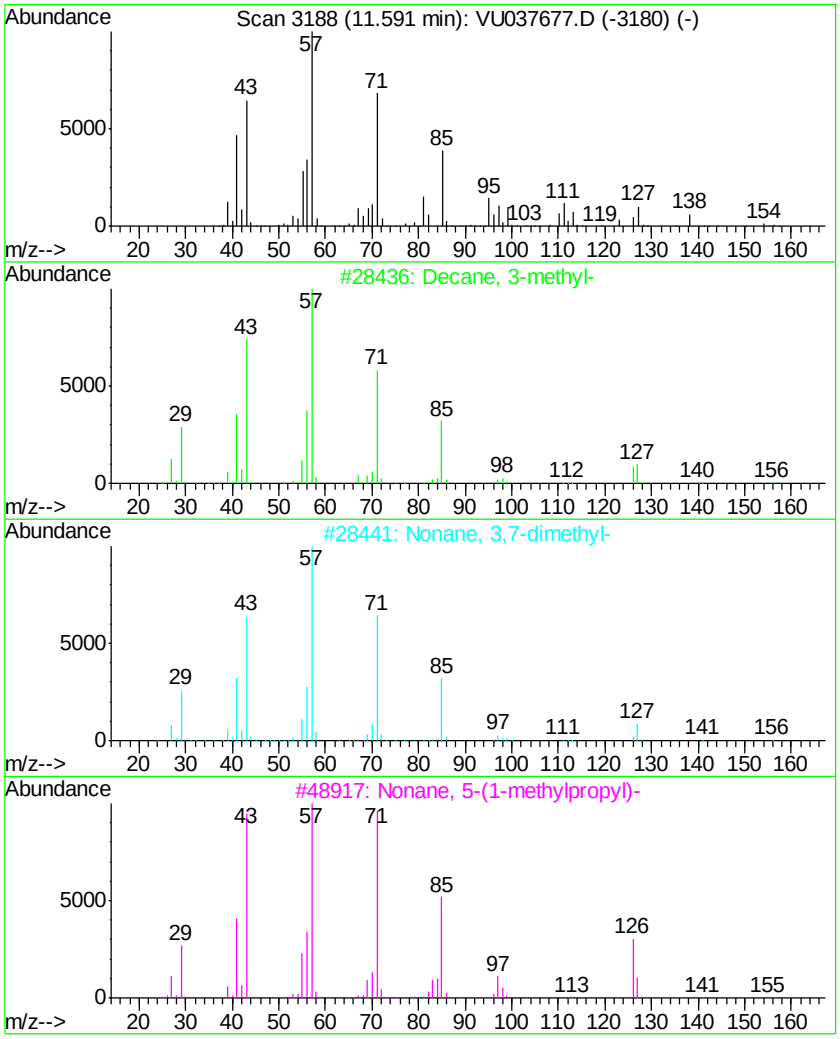
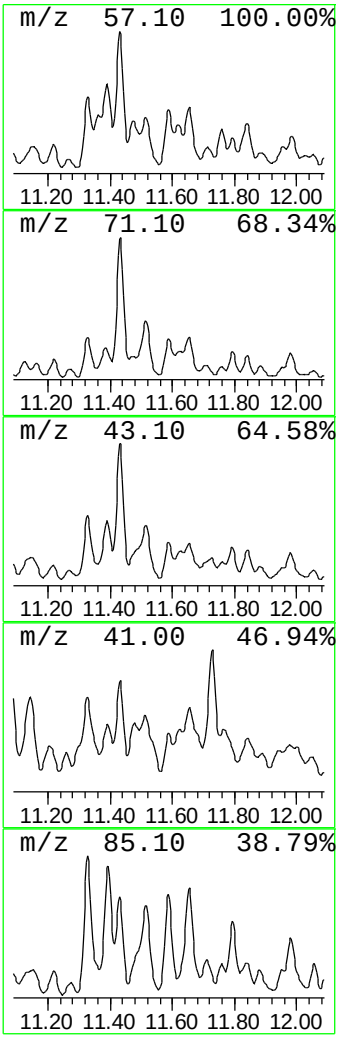
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	34.93 ug/L	3895440	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	76
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64
4	Eicosane	282	C20H42	000112-95-8	59
5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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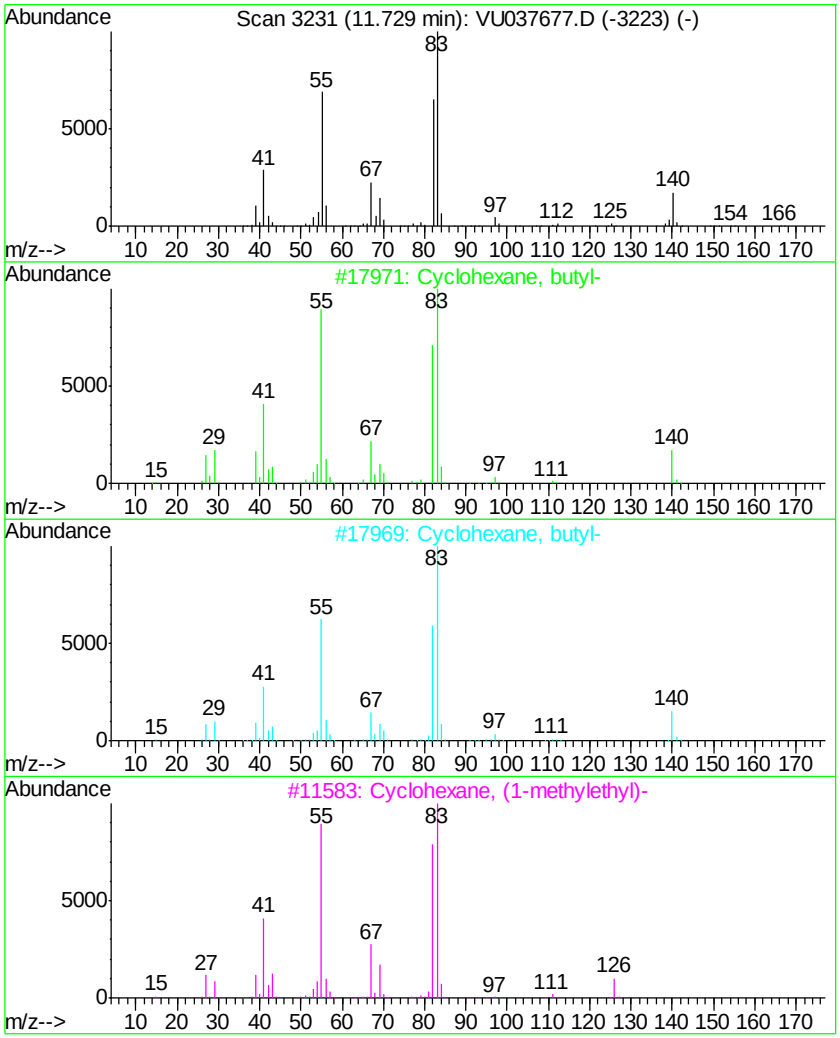
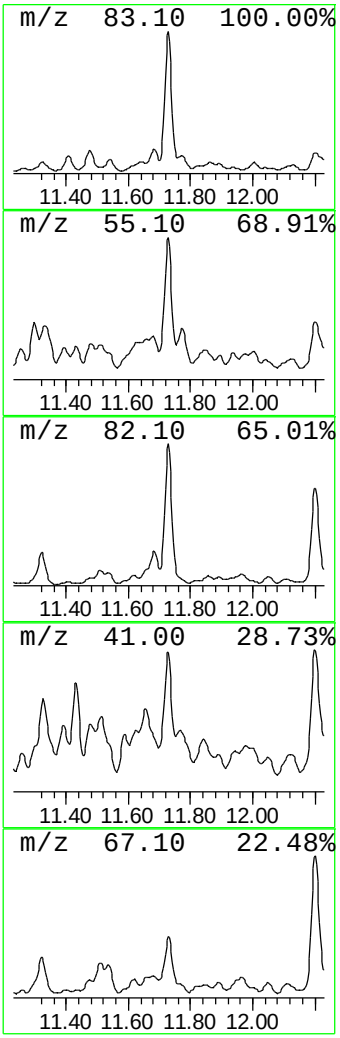
Peak Number 60 (DEL) Alkane: Cyclic11.73 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	91.19 ug/L	10169600	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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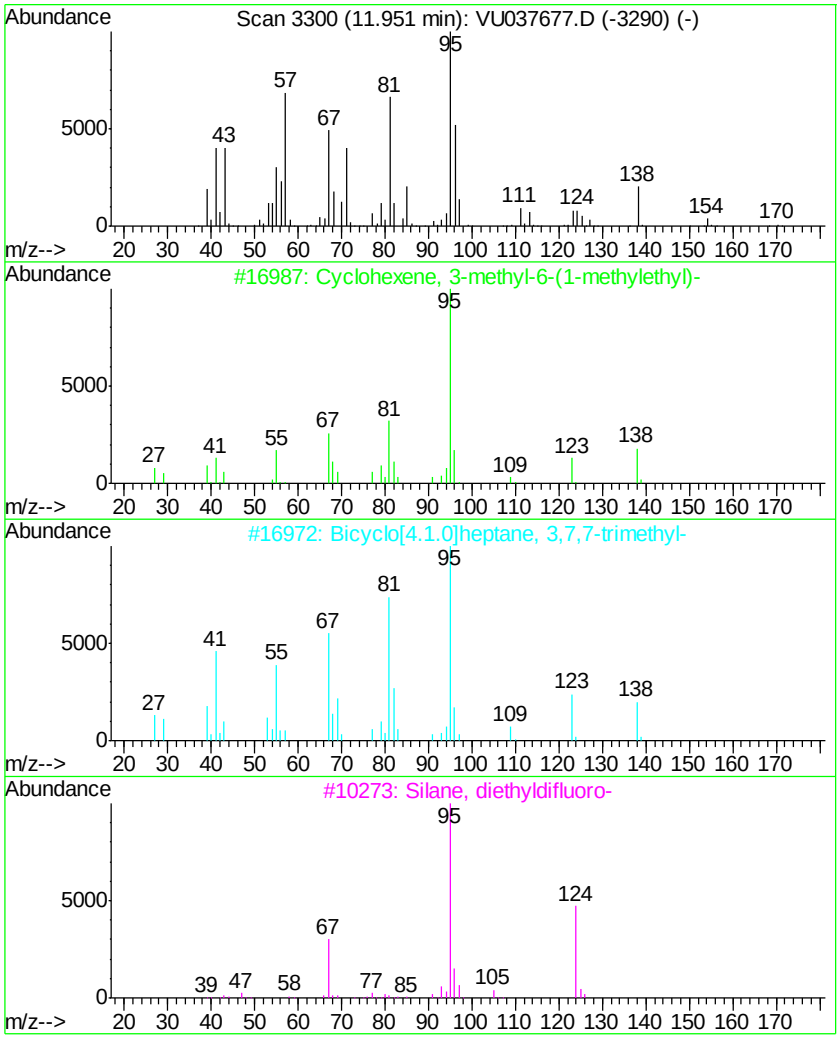
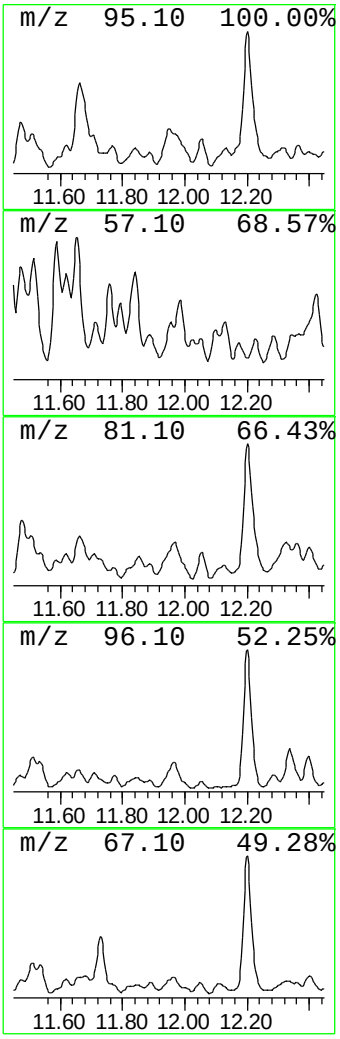
Peak Number 61 unknown-05 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	22.93 ug/L	2556760	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	45
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	45
3	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	43
4	Cyclopentene, 1-isopropyl-4,5-di...	138	C10H18	007712-74-5	38
5	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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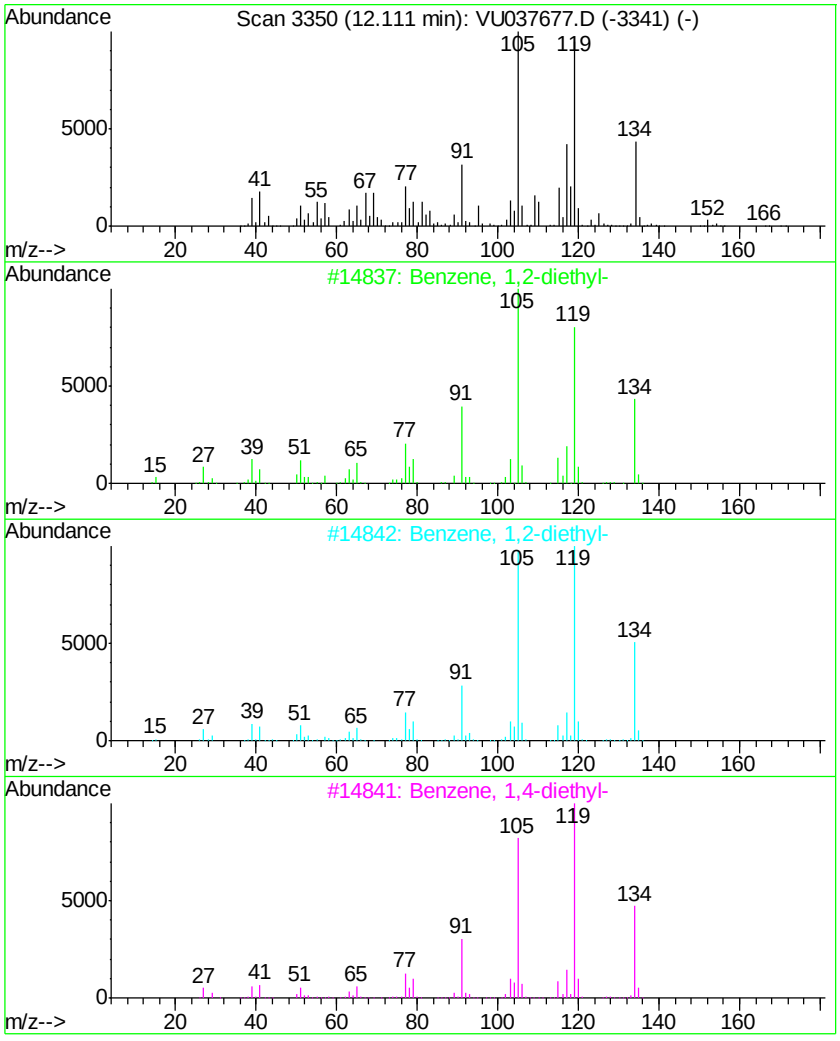
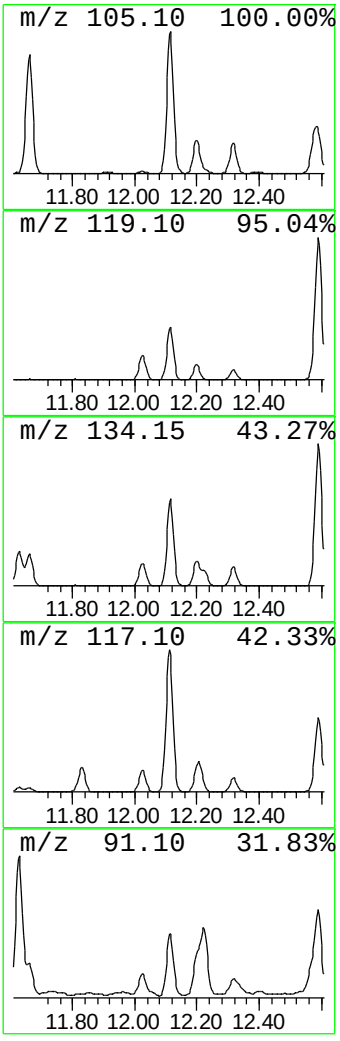
Peak Number 62 Benzene, 1,2-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	82.80 ug/L	9233530	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

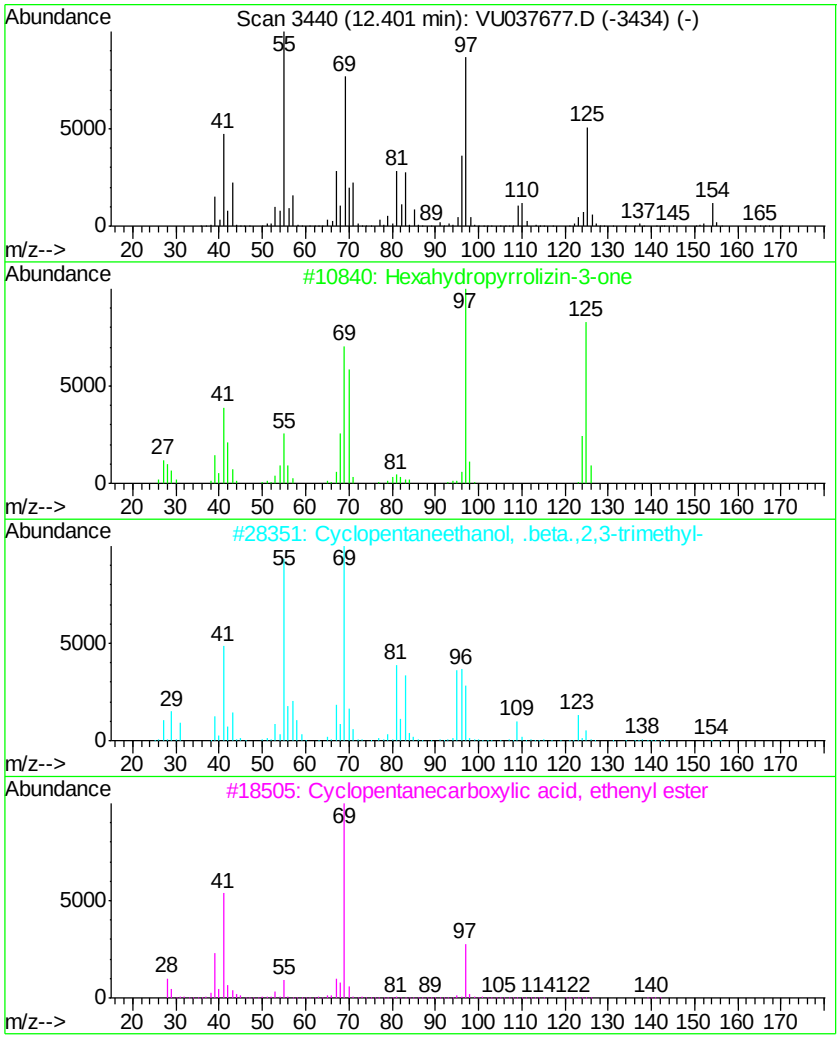
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

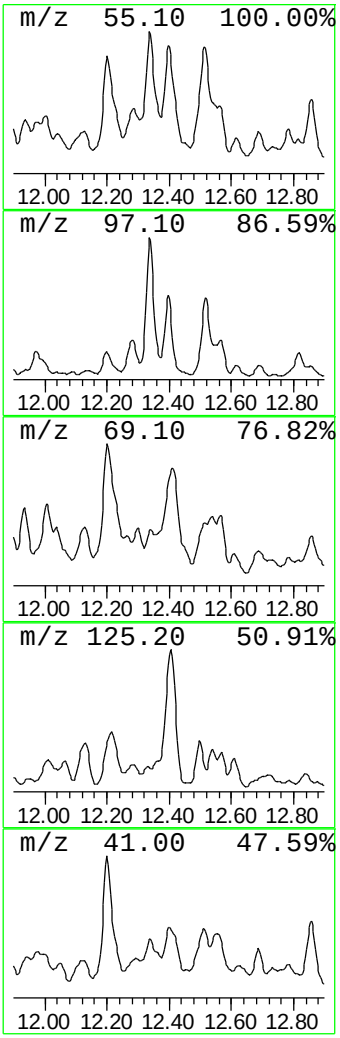
****

Peak Number 63 Hexahydropyrrolizin-3-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	78.78 ug/L	8785510	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyrrolizin-3-one	125	C7H11NO	126424-83-7	50
2	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	38
3	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	38
4	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27
5	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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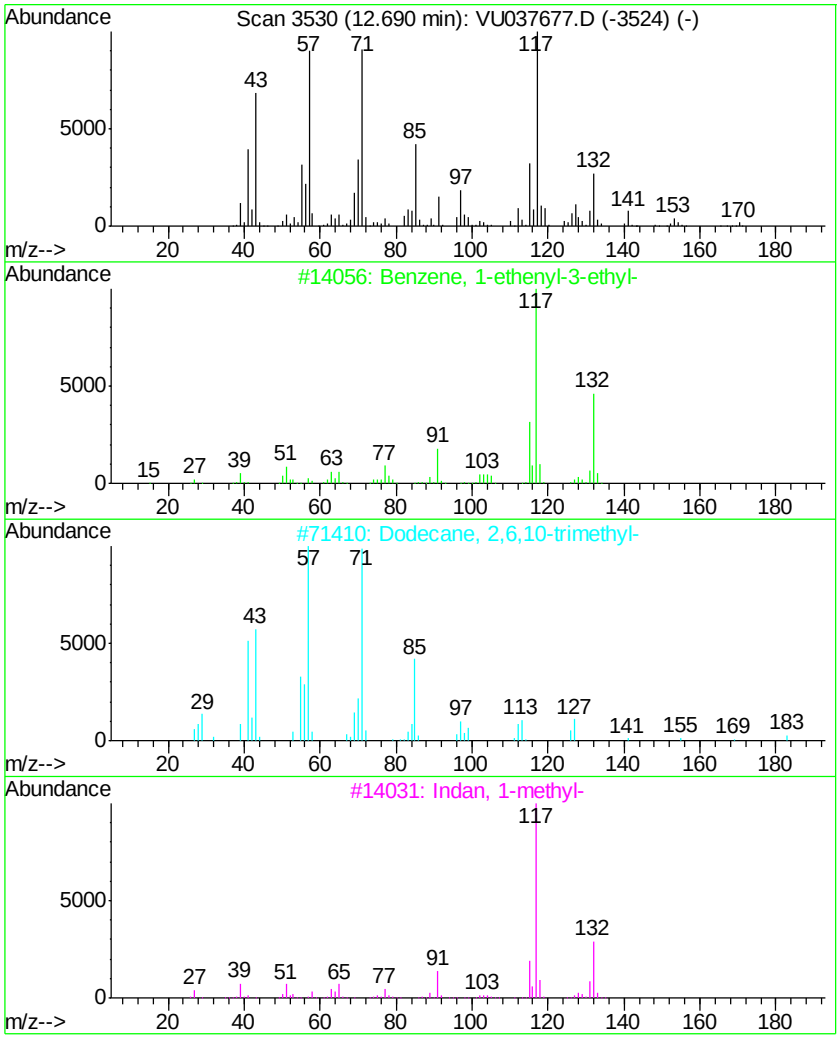
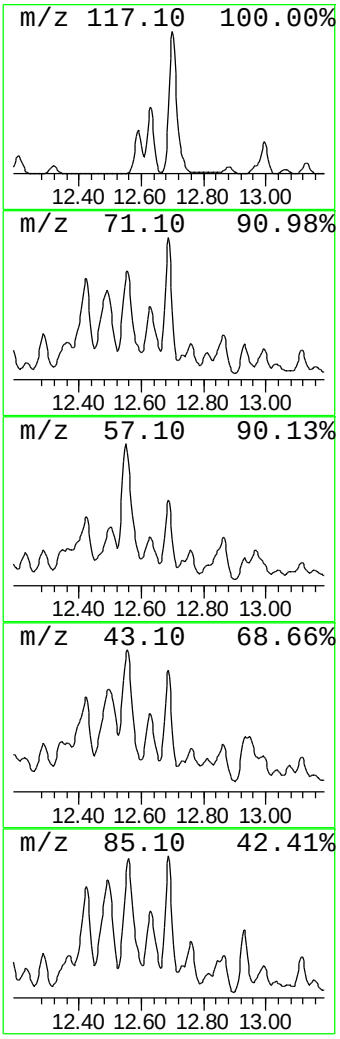
Peak Number 64 unknown-06 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	33.12 ug/L	3693240	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	46
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
3	Indan, 1-methyl-	132	C10H12	000767-58-8	42
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	41
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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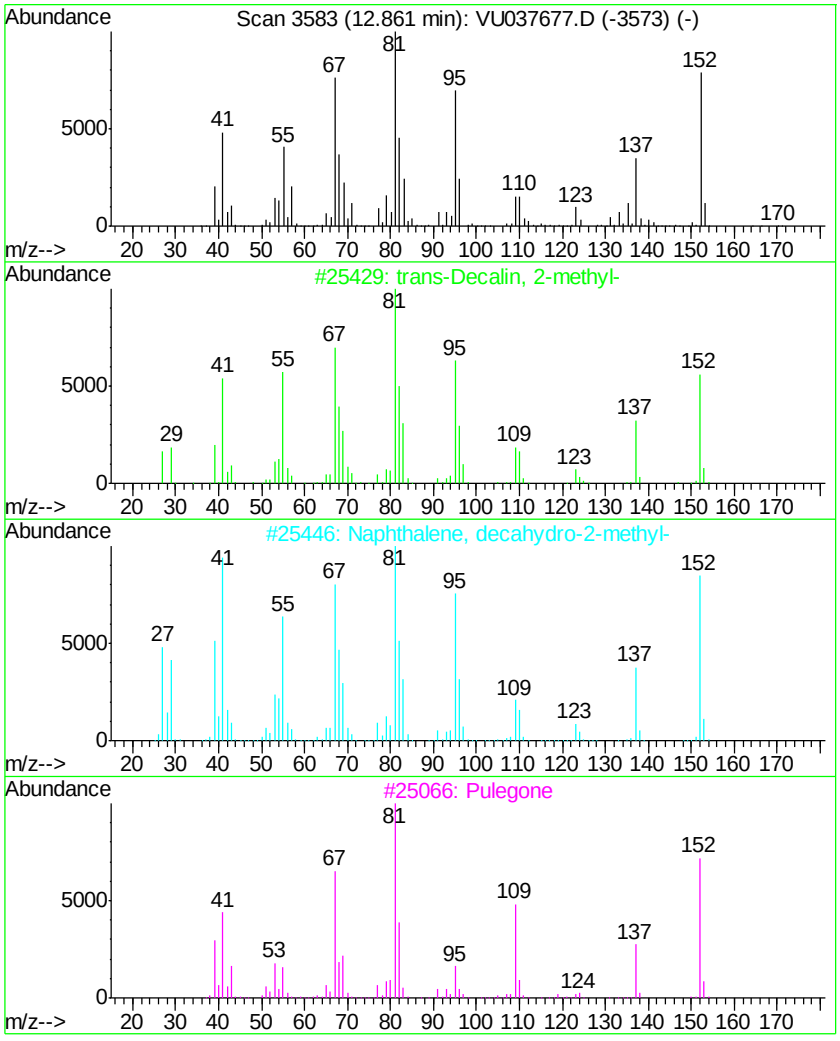
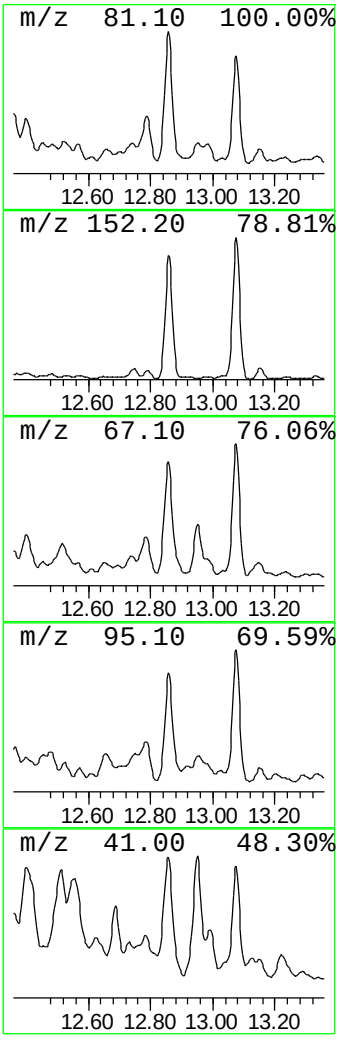
Peak Number 65 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	143.64 ug/L	16018200	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3	Pulegone	152	C10H16O	000089-82-7	90
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	83
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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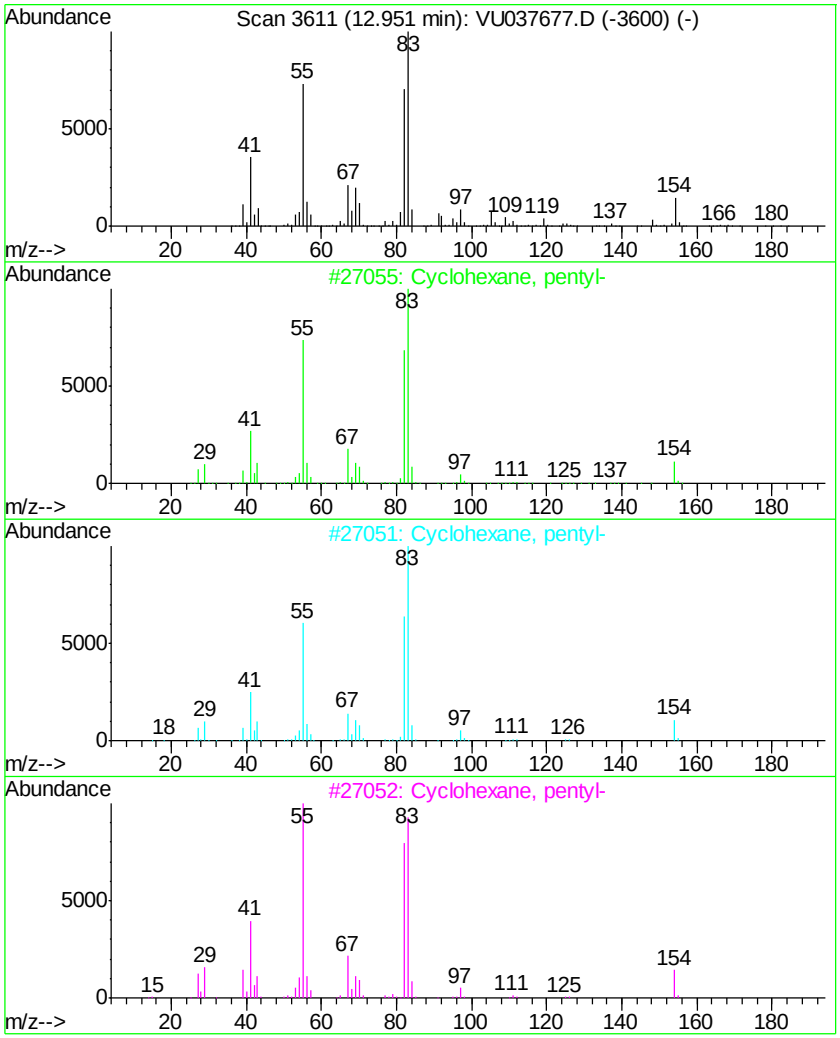
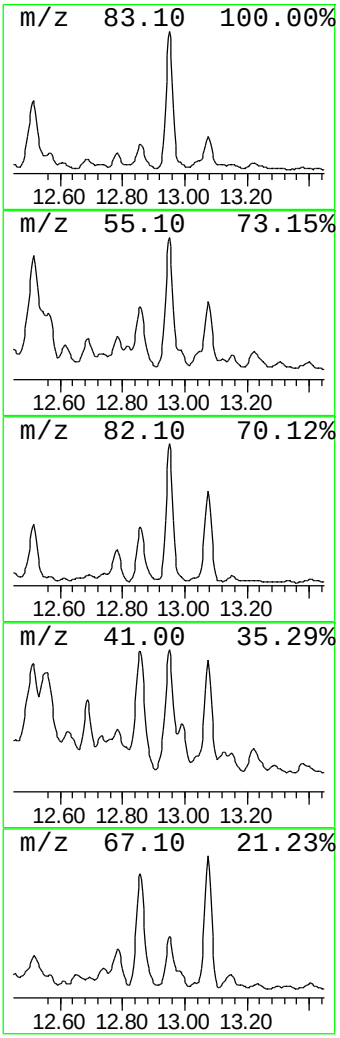
Peak Number 66 (DEL) Alkane: Cyclic12.95 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	91.67 ug/L	10222700	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	94
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	93
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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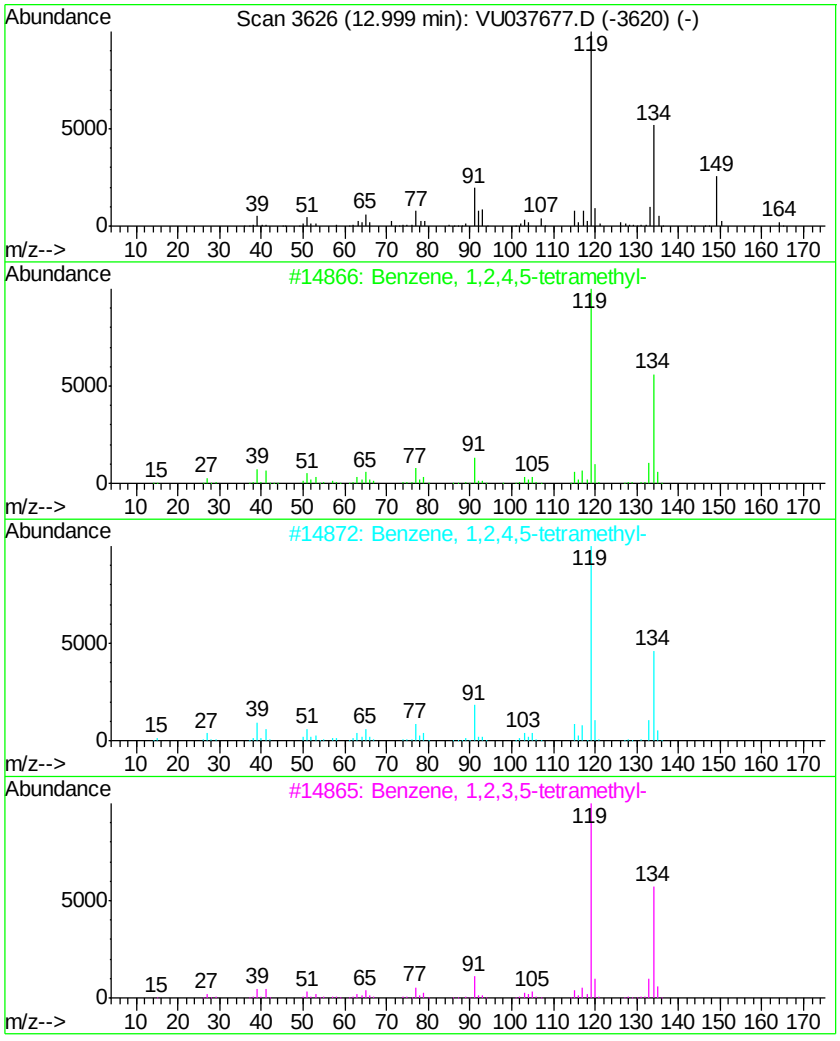
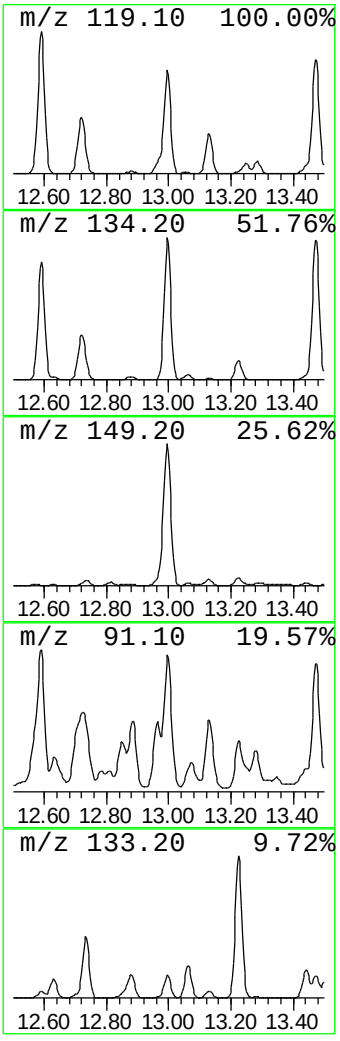
Peak Number 67 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	59.39 ug/L	6623020	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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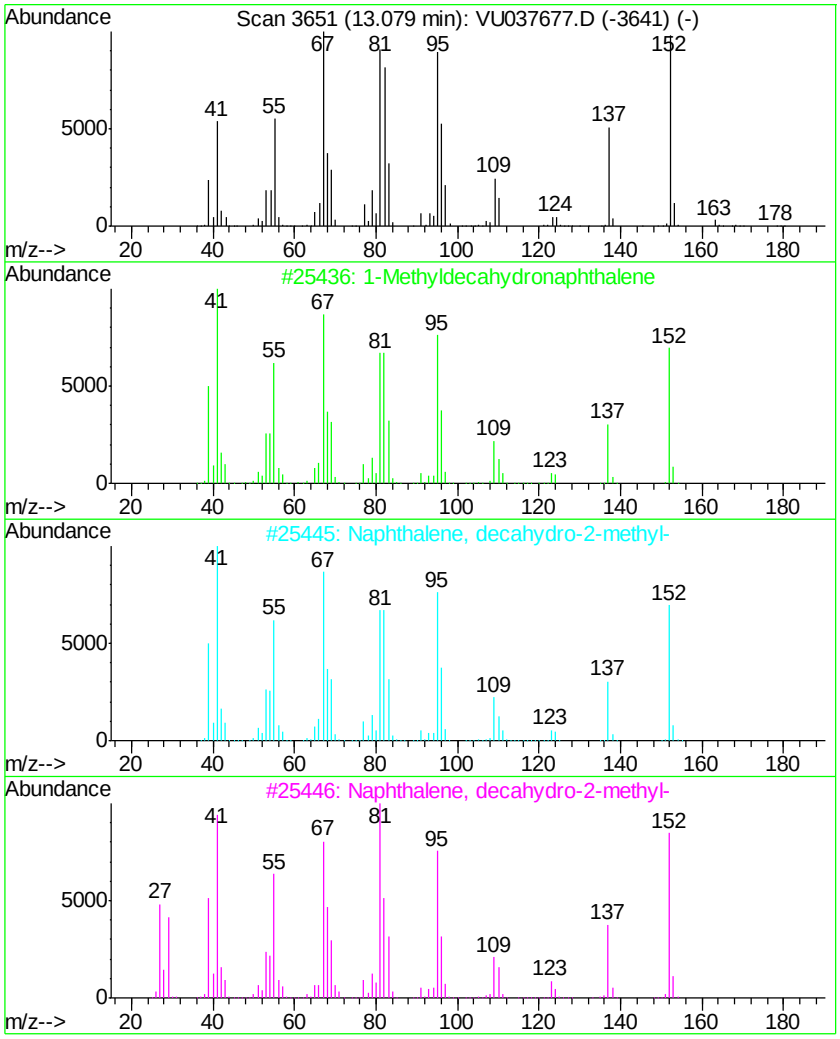
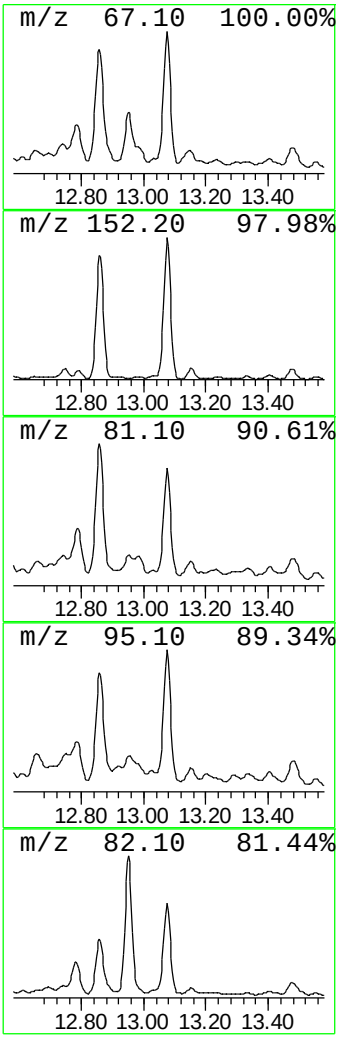
Peak Number 68 1-Methyldecahydronaphthalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	80.64 ug/L	8992720	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	87
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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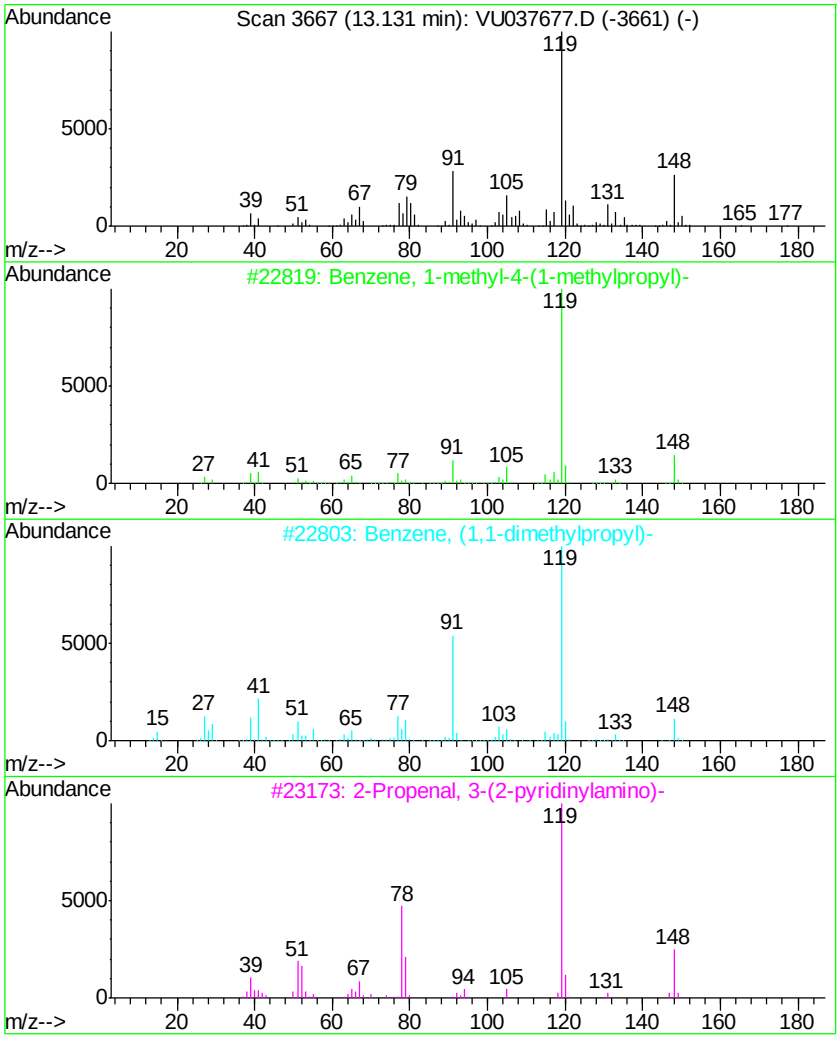
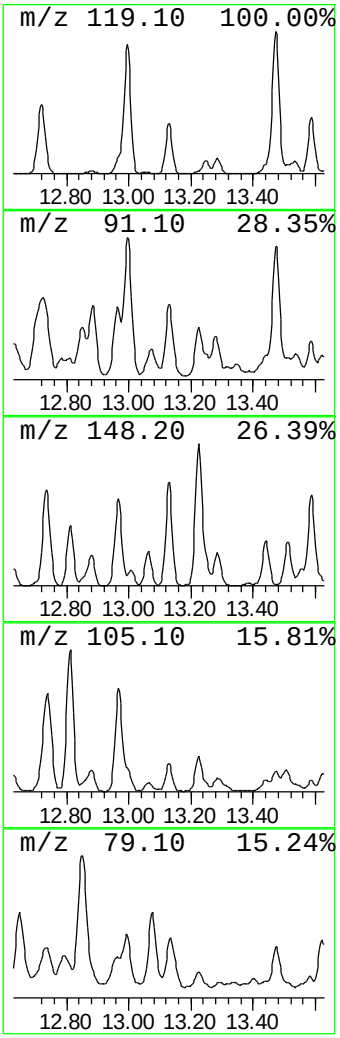
Peak Number 69 Benzene, 1-methyl-4-(1-meth... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	42.18 ug/L	4703400	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
3	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	58
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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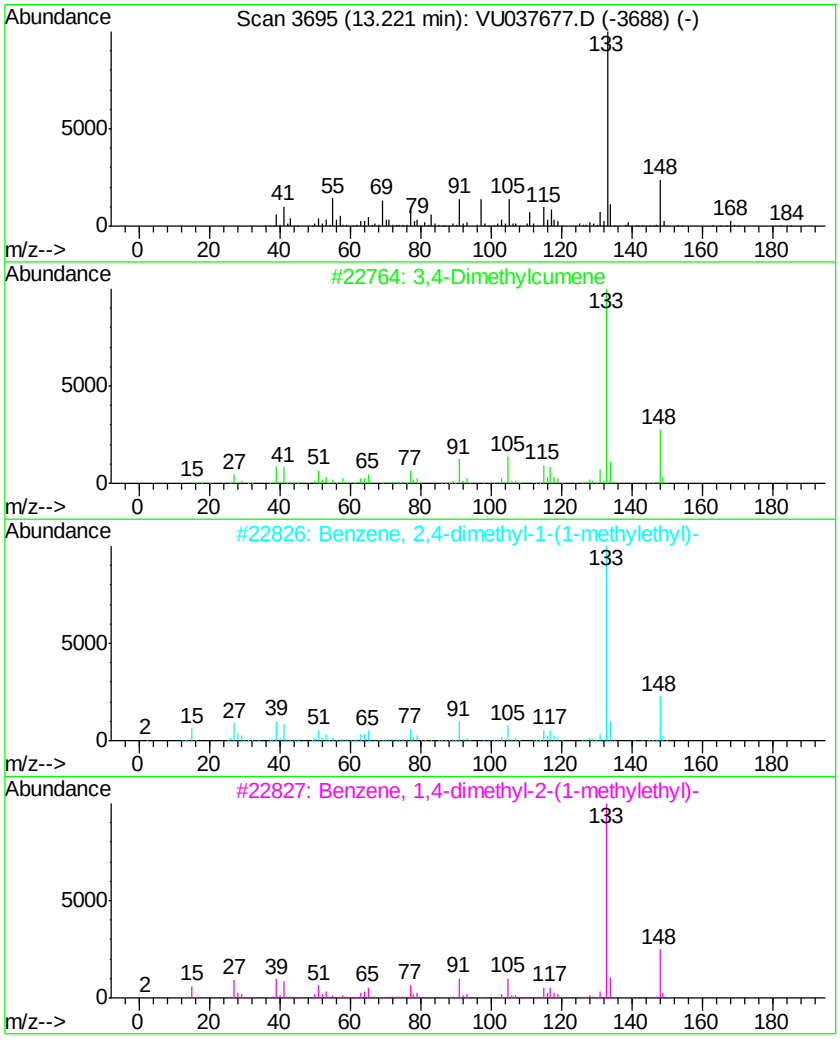
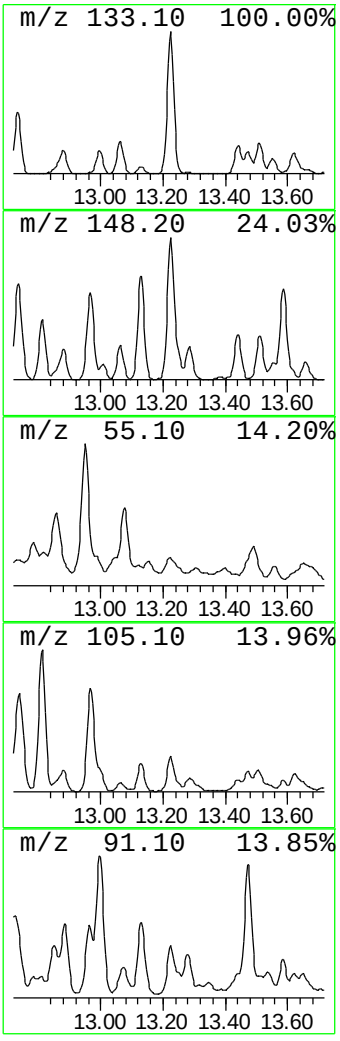
Peak Number 70 3,4-Dimethylcumene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	35.28 ug/L	3934210	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	95
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	94
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	93
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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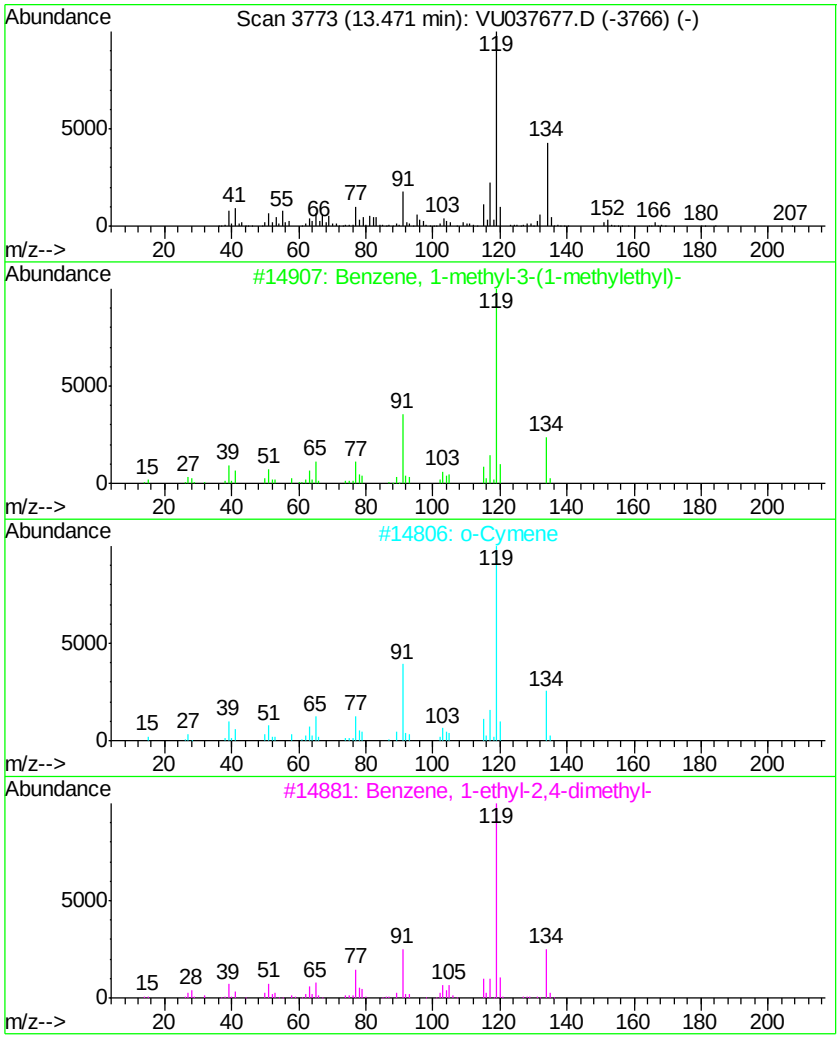
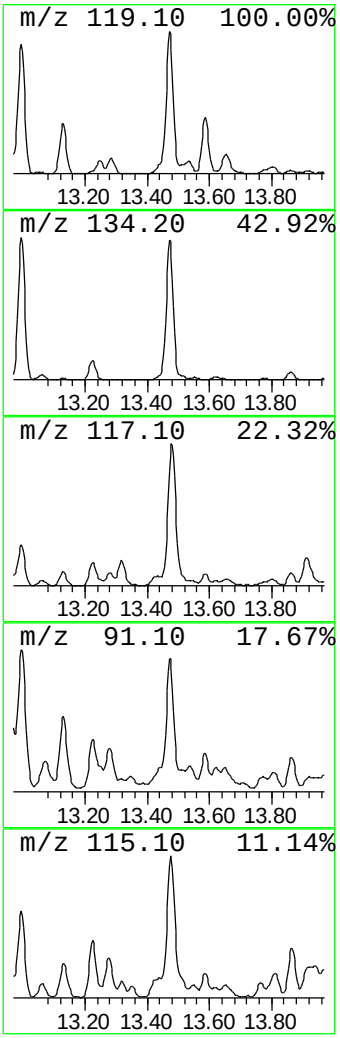
Peak Number 71 Benzene, 1-methyl-3-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	91.16 ug/L	10165400	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	o-Cymene	134	C10H14	000527-84-4	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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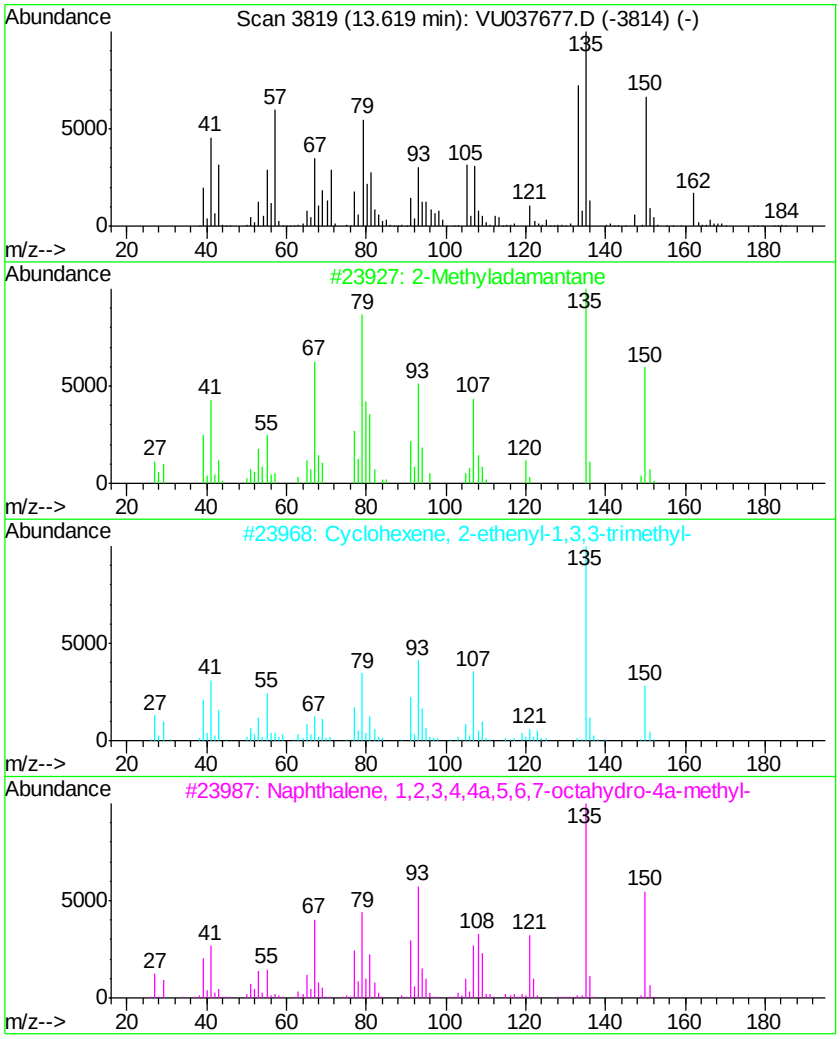
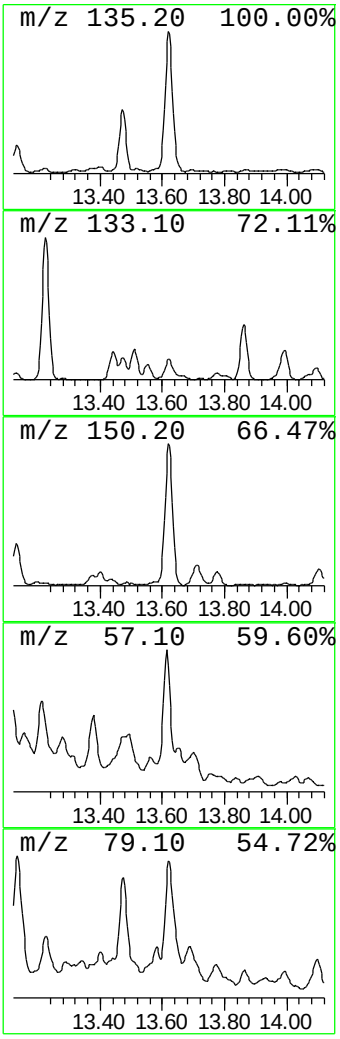
Peak Number 72 2-Methyladamantane Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	10.41 ug/L	1160820	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	93
2	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	64
3	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	62
4	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	58
5	p-Cymen-7-ol	150	C10H14O	000536-60-7	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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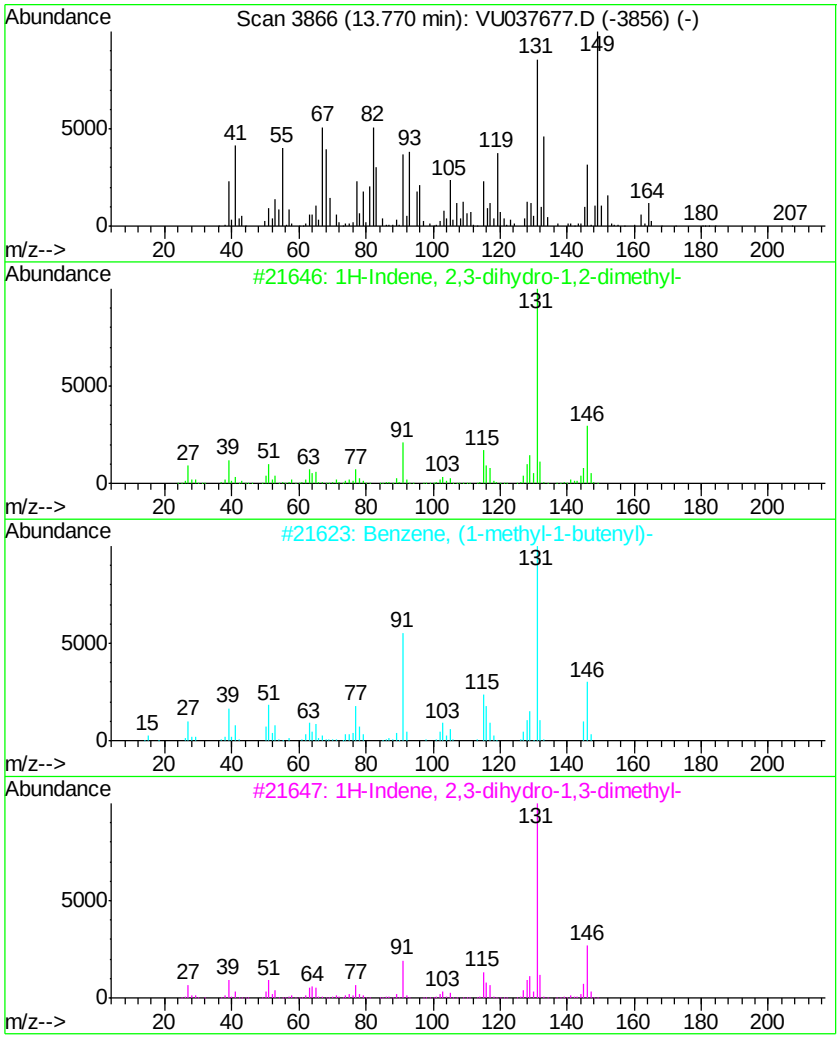
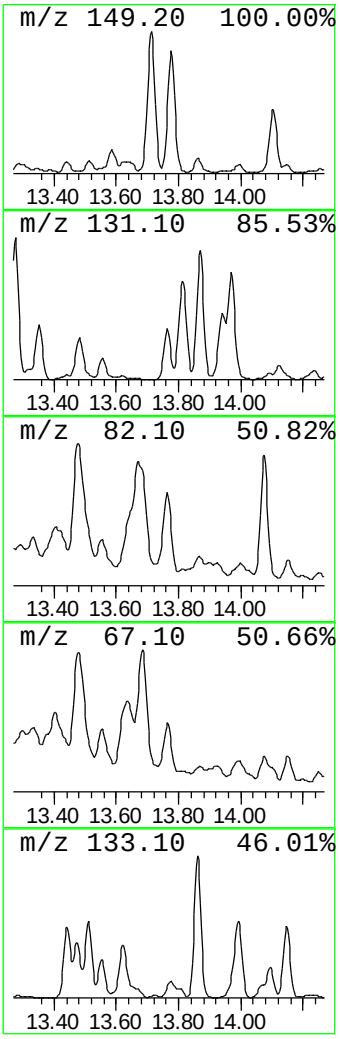
Peak Number 73 unknown-07 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	12.30 ug/L	1371670	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	45
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	45
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	44
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	44
5	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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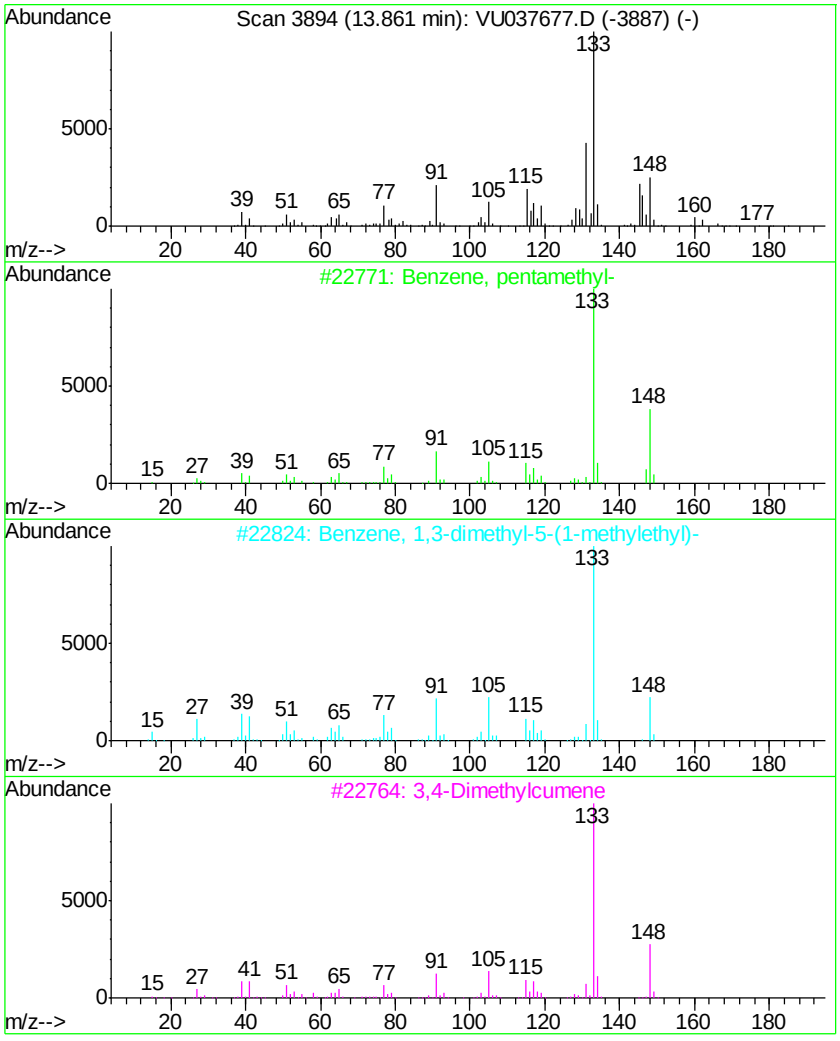
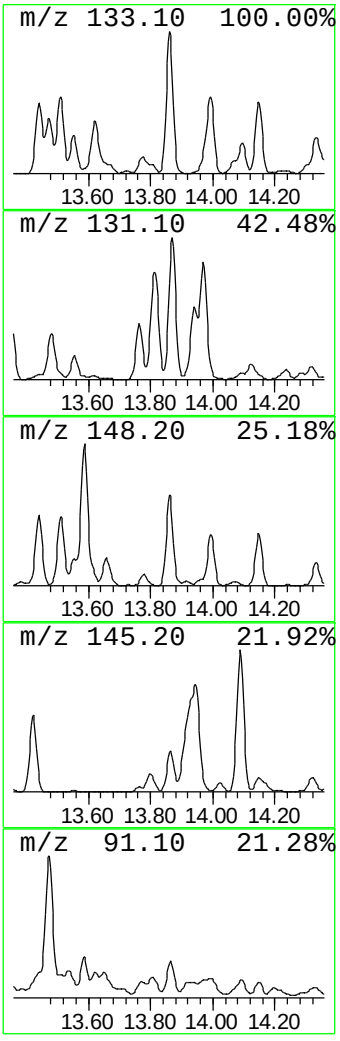
Peak Number 74 Benzene, pentamethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	15.86 ug/L	1768810	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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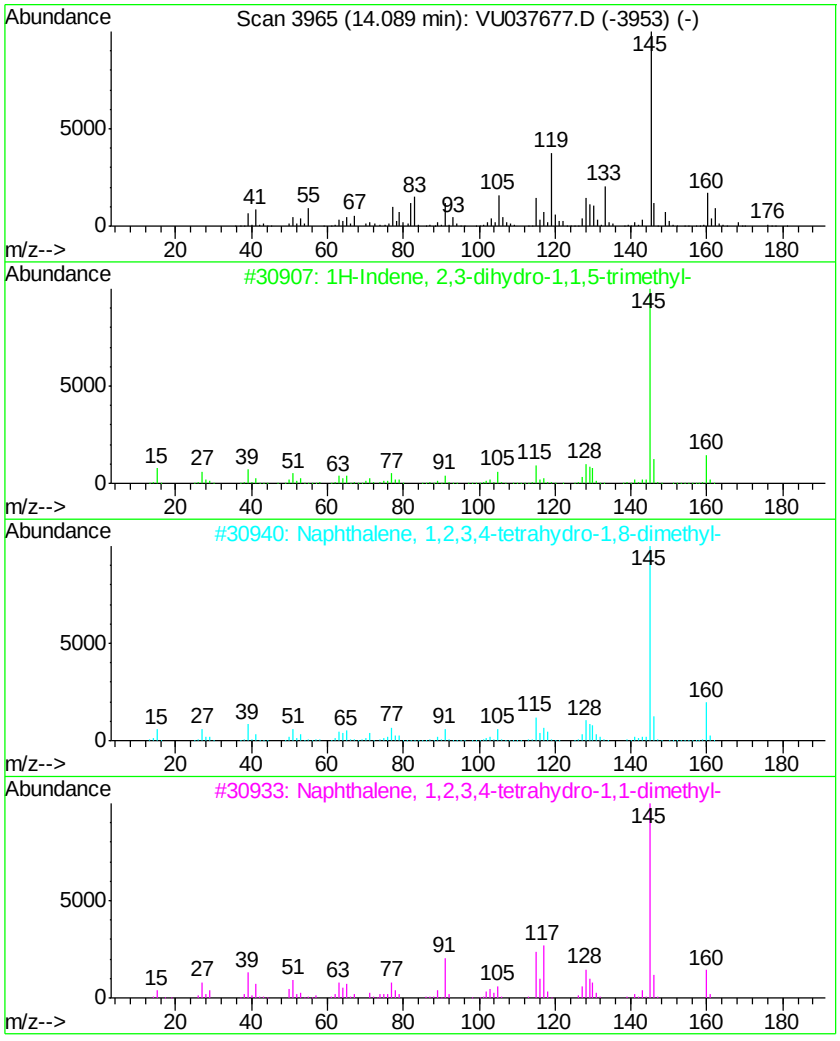
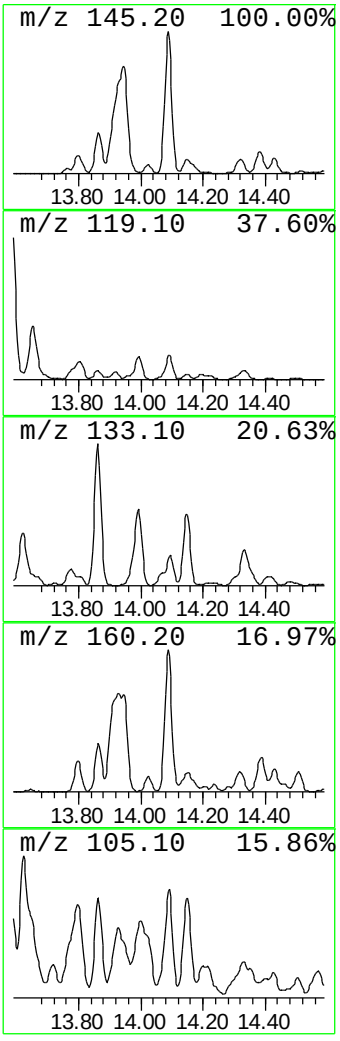
Peak Number 75 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	19.18 ug/L	2138570	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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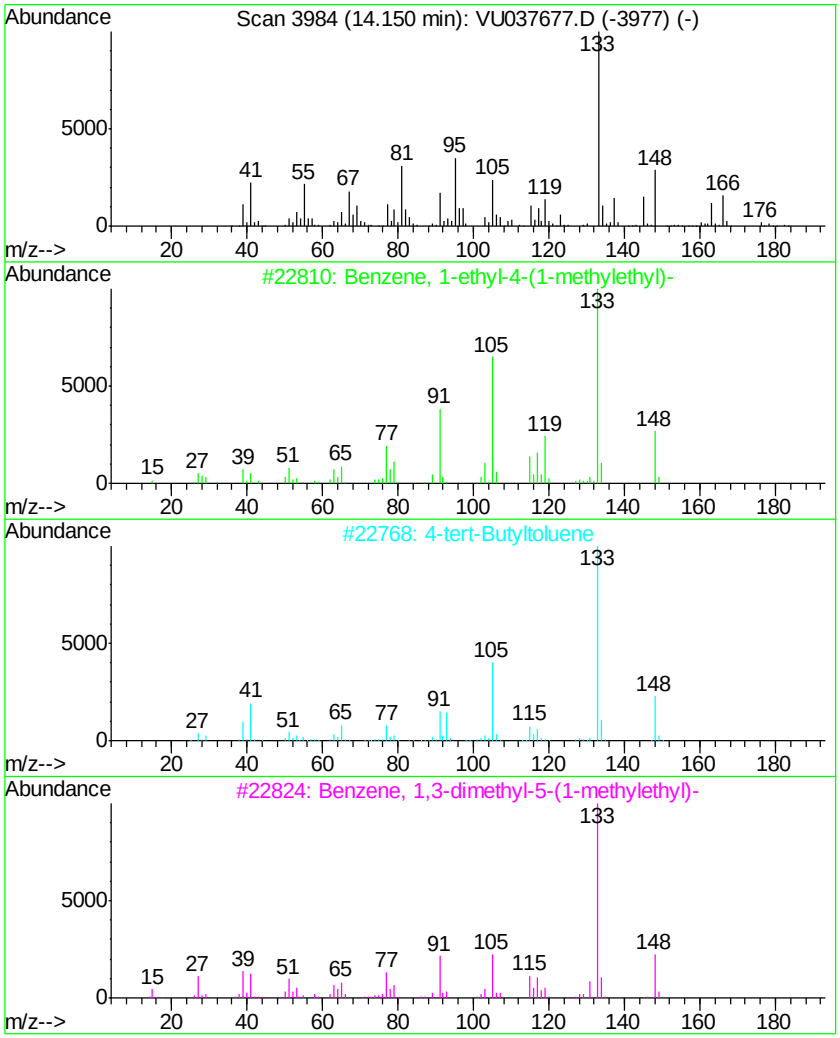
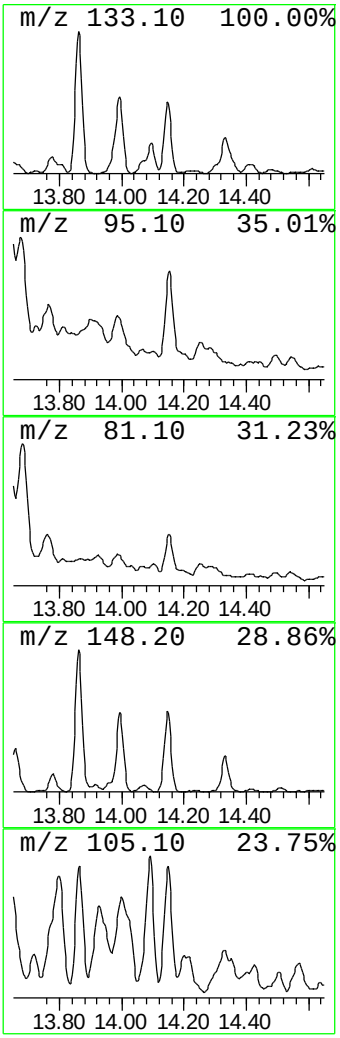
Peak Number 76 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	10.21 ug/L	1139090	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	60
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

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

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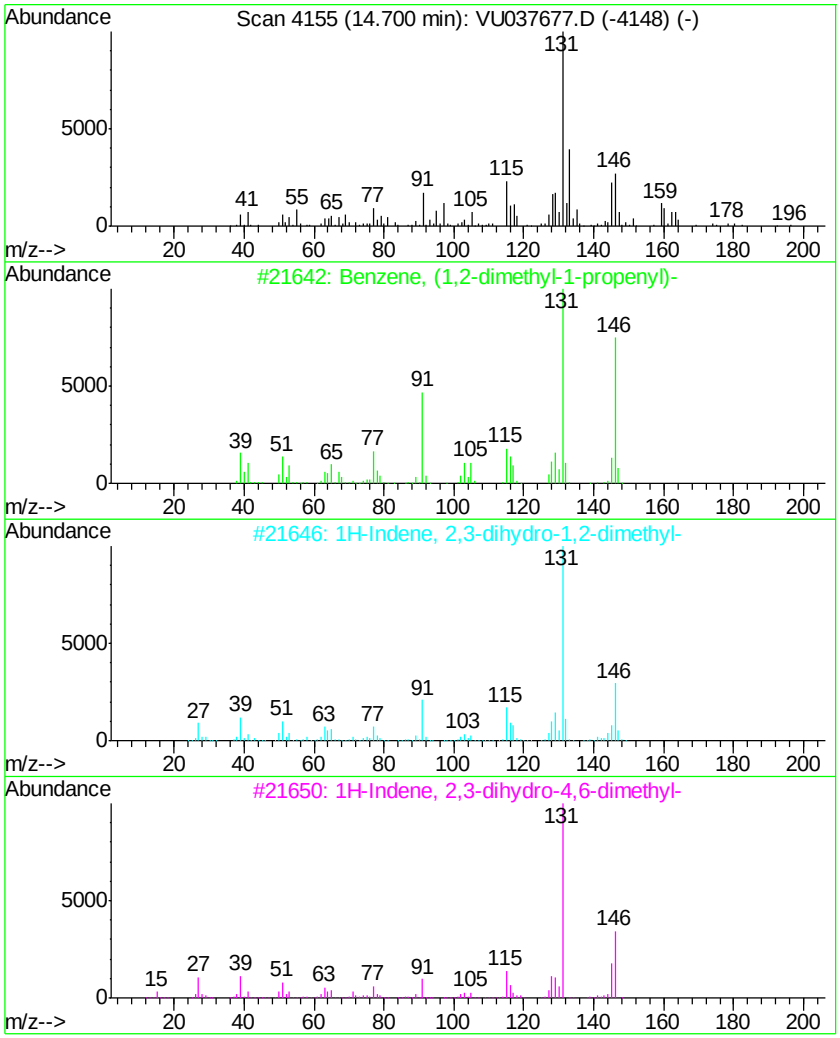
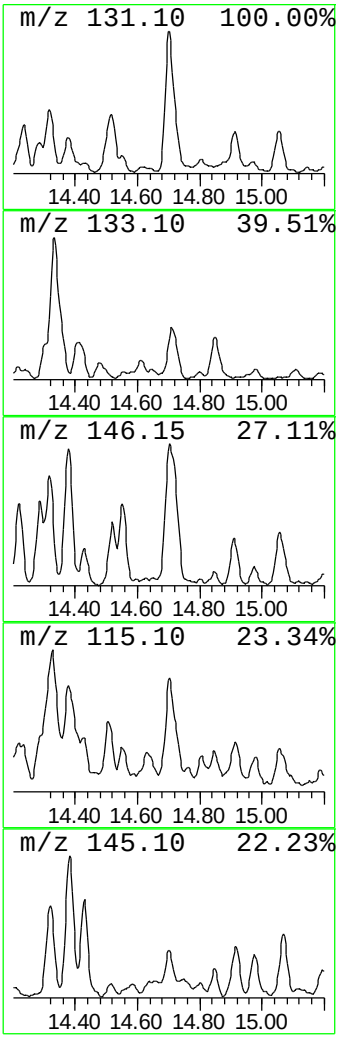
Peak Number 77 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.04 ug/L	450545	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	78
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	60
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

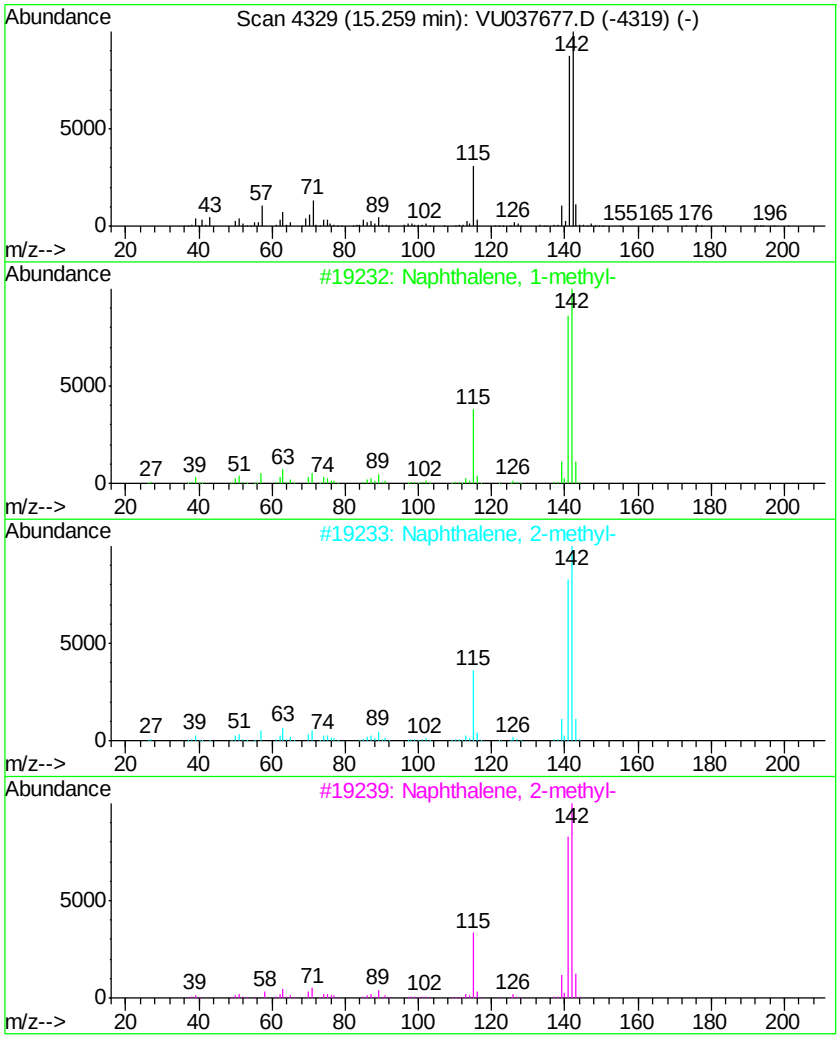
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

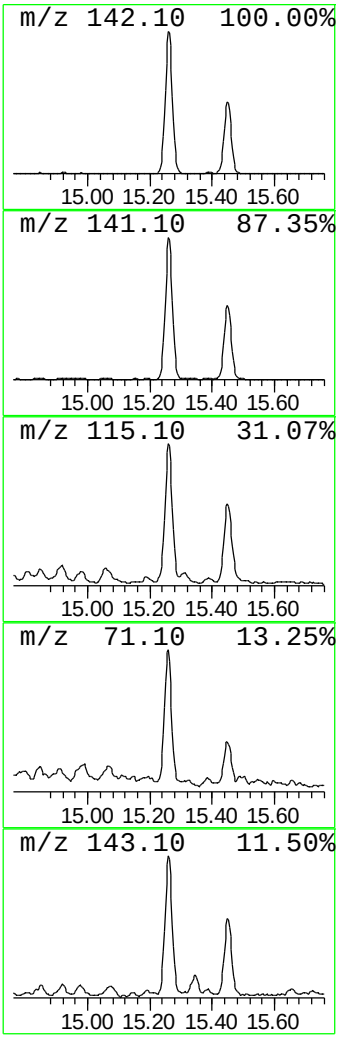
****

Peak Number 78 Naphthalene, 1-methyl- Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.72 ug/L	525989	1,4-Dichlorobenzene-d4	11.83

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	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.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
unknown-01	1.82	3.0	ug/L	98371	1	6.28	1661200	50.0
(DEL) Alkane: Str...	5.48	6.4	ug/L	212729	1	6.28	1661200	50.0
(DEL) Alkane: Str...	5.66	3.3	ug/L	108024	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	5.87	12.1	ug/L	403147	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	5.94	9.0	ug/L	299453	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	6.01	13.1	ug/L	435950	1	6.28	1661200	50.0
(DEL) Alkane: Str...	6.63	6.7	ug/L	221917	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	6.89	31.2	ug/L	1035610	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	7.00	6.7	ug/L	222808	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	7.09	55.0	ug/L	1828060	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	7.26	59.2	ug/L	1966950	1	6.28	1661200	50.0
(DEL) Alkane: Str...	7.40	2.8	ug/L	93084	1	6.28	1661200	50.0
(DEL) Alkane: Str...	7.45	24.1	ug/L	799136	1	6.28	1661200	50.0
(DEL) Alkane: Str...	7.49	14.2	ug/L	470876	1	6.28	1661200	50.0
(DEL) Alkane: Str...	7.71	28.0	ug/L	928836	1	6.28	1661200	50.0
unknown-02	7.78	18.8	ug/L	624561	1	6.28	1661200	50.0
(DEL) Alkane: Cyc...	8.06	60.4	ug/L	2310160	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	8.11	39.2	ug/L	1499170	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	8.26	156.7	ug/L	5997660	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	8.39	60.7	ug/L	2324750	2	9.44	1913710	50.0
(DEL) Alkane: Str...	8.45	13.9	ug/L	530357	2	9.44	1913710	50.0
(DEL) Alkane: Str...	8.49	25.8	ug/L	986557	2	9.44	1913710	50.0
(DEL) Alkane: Str...	8.56	56.7	ug/L	2169100	2	9.44	1913710	50.0
(DEL) Alkane: Str...	8.78	84.5	ug/L	3232400	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	8.82	86.2	ug/L	3300770	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	8.88	140.2	ug/L	5365570	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	8.94	225.8	ug/L	8642680	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	8.99	66.6	ug/L	2550070	2	9.44	1913710	50.0
1-Undecanol	9.09	55.6	ug/L	2129200	2	9.44	1913710	50.0
(DEL) Alkane: Str...	9.14	102.0	ug/L	3903090	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	9.19	200.9	ug/L	7689070	2	9.44	1913710	50.0
(DEL) Alkane: Str...	9.35	67.3	ug/L	2576640	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	9.49	11.9	ug/L	455074	2	9.44	1913710	50.0
Pentalene, octahy...	9.53	23.1	ug/L	883400	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	9.78	206.5	ug/L	7902290	2	9.44	1913710	50.0
1-Octyne	9.90	109.7	ug/L	4198050	2	9.44	1913710	50.0
(DEL) Alkane: Str...	9.97	42.1	ug/L	1610770	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	10.04	509.5	ug/L	19501600	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	10.14	100.3	ug/L	3839580	2	9.44	1913710	50.0
(DEL) Alkane: Str...	10.26	705.9	ug/L	27016800	2	9.44	1913710	50.0
(DEL) Alkane: Str...	10.33	93.9	ug/L	3595610	2	9.44	1913710	50.0
(DEL) Alkane: Cyc...	10.38	631.0	ug/L	24152300	2	9.44	1913710	50.0
(DEL) Alkane: Str...	10.41	364.2	ug/L	13939000	2	9.44	1913710	50.0
(DEL) Alkane: Str...	10.57	470.9	ug/L	18024700	2	9.44	1913710	50.0
Bicyclo[2.2.1]hep...	10.72	49.4	ug/L	5503440	3	11.83	5575840	50.0
(DEL) Alkane: Cyc...	10.83	150.8	ug/L	16816300	3	11.83	5575840	50.0
Benzene, propyl-	10.92	11.3	ug/L	1255960	3	11.83	5575840	50.0
Oxalic acid, di(c...	10.97	86.4	ug/L	9630410	3	11.83	5575840	50.0
(DEL) Alkane: Cyc...	11.03	74.7	ug/L	8326420	3	11.83	5575840	50.0

(DEL) Alkane: Cyc...	11.08	86.1	ug/L	9601050	3	11.83	5575840	50.0
2,2-Dicyclohexylb...	11.14	116.5	ug/L	12992500	3	11.83	5575840	50.0
(DEL) Alkane: Cyc...	11.20	39.0	ug/L	4350930	3	11.83	5575840	50.0
(DEL) Alkane: Cyc...	11.26	15.0	ug/L	1674620	3	11.83	5575840	50.0
Cyclohexene,1-pro...	11.33	131.4	ug/L	14656400	3	11.83	5575840	50.0
unknown-03	11.39	28.1	ug/L	3134280	3	11.83	5575840	50.0
(DEL) Alkane: Str...	11.43	68.6	ug/L	7648250	3	11.83	5575840	50.0
unknown-04	11.48	45.5	ug/L	5074300	3	11.83	5575840	50.0
(DEL) Alkane: Str...	11.59	34.9	ug/L	3895440	3	11.83	5575840	50.0
(DEL) Alkane: Cyc...	11.73	91.2	ug/L	10169600	3	11.83	5575840	50.0
unknown-05	11.95	22.9	ug/L	2556760	3	11.83	5575840	50.0
Benzene, 1,2-diet...	12.11	82.8	ug/L	9233530	3	11.83	5575840	50.0
Hexahydropyrroliz...	12.40	78.8	ug/L	8785510	3	11.83	5575840	50.0
unknown-06	12.69	33.1	ug/L	3693240	3	11.83	5575840	50.0
trans-Decalin, 2-...	12.86	143.6	ug/L	16018200	3	11.83	5575840	50.0
(DEL) Alkane: Cyc...	12.95	91.7	ug/L	10222700	3	11.83	5575840	50.0
Benzene, 1,2,4,5-...	13.00	59.4	ug/L	6623020	3	11.83	5575840	50.0
1-Methyldecahydro...	13.08	80.6	ug/L	8992720	3	11.83	5575840	50.0
Benzene, 1-methyl...	13.13	42.2	ug/L	4703400	3	11.83	5575840	50.0
3,4-Dimethylcumene	13.22	35.3	ug/L	3934210	3	11.83	5575840	50.0
Benzene, 1-methyl...	13.47	91.2	ug/L	10165400	3	11.83	5575840	50.0
2-Methyladamantane	13.62	10.4	ug/L	1160820	3	11.83	5575840	50.0
unknown-07	13.77	12.3	ug/L	1371670	3	11.83	5575840	50.0
Benzene, pentamet...	13.86	15.9	ug/L	1768810	3	11.83	5575840	50.0
1H-Indene, 2,3-di...	14.09	19.2	ug/L	2138570	3	11.83	5575840	50.0
Benzene, 1-ethyl-...	14.15	10.2	ug/L	1139090	3	11.83	5575840	50.0
Benzene, (1,2-dim...	14.70	4.0	ug/L	450545	3	11.83	5575840	50.0
Naphthalene, 1-me...	15.26	4.7	ug/L	525989	3	11.83	5575840	50.0

Instrument :
MSVOA_U
ClientSampleId :
BG2J0ME