LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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	71	84	93	rBV	292886	316444	1.56%	0.093%
2	1.896	166	173	189	rVB	222989	306270	1.51%	0.090%
3	2.578	373	385	404	rBV	405945	677178	3.34%	0.200%
4	4.668	1017	1035	1066	rBV	245493	617351	3.05%	0.182%
5	5.099	1152	1169	1196	rBV	361323	824323	4.07%	0.243%
6	5.758	1353	1374	1396	rVB2	827371	2147395	10.60%	0.633%
7	6.279	1517	1536	1553	rBV	895793	1656972	8.18%	0.488%
8	6.636	1631	1647	1660	rBV2	196328	391081	1.93%	0.115%
9	6.723	1660	1674	1682	rBV	513027	1027622	5.07%	0.303%
10	6.790	1682	1695	1704	rBV	2057608	3966996	19.58%	1.169%
11	6.893	1717	1727	1739	rVB	680245	1243770	6.14%	0.366%
12	7.005	1753	1762	1773	rVB	96334	163658	0.81%	0.048%
13	7.089	1773	1788	1809	rVB5	486464	1236036	6.10%	0.364%
14	7.263	1829	1842	1862	rVB2	322991	725457	3.58%	0.214%
15	7.404	1872	1886	1890	rBV2	85777	150719	0.74%	0.044%
16	7.452	1890	1901	1910	rBV	818197	1375601	6.79%	0.405%
17	7.523	1910	1923	1930	rBV	1451036	2600280	12.84%	0.766%
18	7.562	1930	1935	1953	rVB2	733001	1307077	6.45%	0.385%
19	7.649	1955	1962	1963	rBV	241987	256424	1.27%	0.076%
20	7.681	1964	1972	1980	rBV	1653526	2621041	12.94%	0.772%
21	7.787	1994	2005	2017	rVB5	149043	379014	1.87%	0.112%
22	7.880	2017	2034	2042	rBV2	10025437	20256232	100.00%	5.968%
23	8.060	2072	2090	2102	rBV4	1202127	3521580	17.39%	1.037%
24	8.118	2103	2108	2122	rVB	755305	1256394	6.20%	0.370%
25	8.202	2122	2134	2142	rBV	377453	645344	3.19%	0.190%
26	8.266	2142	2154	2170	rVB	4739769	8726075	43.08%	2.571%
27	8.391	2170	2193	2205	rBV	5639044	10097808	49.85%	2.975%
28	8.491	2205	2224	2234	rVB2	1746904	3897707	19.24%	1.148%
29	8.555	2234	2244	2257	rVB	2719056	4531863	22.37%	1.335%
30	8.658	2257	2276	2290	rBV2	4771733	9497118	46.88%	2.798%
31	8.780	2302	2314	2320	rBV	5057939	8515594	42.04%	2.509%
32	8.822	2320	2327	2339	rVV6	5054949	12691984	62.66%	3.739%
33	8.886	2340	2347	2357	rVV	6892121	11669114	57.61%	3.438%
34	8.948	2357	2366	2374	rVV	3272673	5786120	28.56%	1.705%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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	8.993	2375	2380	2400	rVB4	1323139	2739423	13.52%	0.807%
36	9.092	2401	2411	2417	rBV2	601800	1023413	5.05%	0.302%
37	9.140	2417	2426	2432	rVV	2805656	4274020	21.10%	1.259%
38	9.185	2432	2440	2448	rVV3	4834656	8839238	43.64%	2.604%
39	9.230	2448	2454	2469	rVB3	4225251	6986264	34.49%	2.058%
40	9.353	2469	2492	2502	rBV	4787340	8023391	39.61%	2.364%
41	9.439	2510	2519	2531	rBV2	1186127	2157498	10.65%	0.636%
42	9.529	2541	2547	2554	rVB	441646	575997	2.84%	0.170%
43	9.584	2554	2564	2575	rVB4	1954712	3644107	17.99%	1.074%
44	9.648	2575	2584	2590	rBV2	1143892	2050005	10.12%	0.604%
45	9.690	2591	2597	2603	rVV3	1252807	2184110	10.78%	0.643%
46	9.735	2604	2611	2619	rVV	3796243	5849749	28.88%	1.723%
47	9.780	2619	2625	2649	rVB4	2130377	4223904	20.85%	1.244%
48	9.902	2649	2663	2674	rBV4	589927	1475458	7.28%	0.435%
49	9.970	2675	2684	2693	rBV2	443655	817074	4.03%	0.241%
50	10.041	2694	2706	2718	rBV7	3752283	9642599	47.60%	2.841%
51	10.134	2729	2735	2746	rVB3	1581701	2207344	10.90%	0.650%
52	10.185	2748	2751	2759	rVB	948327	1087345	5.37%	0.320%
53	10.266	2759	2776	2791	rBV4	4815929	11213581	55.36%	3.304%
54	10.333	2791	2797	2799	rBV2	530228	595750	2.94%	0.176%
55	10.372	2800	2809	2816	rBV3	3810390	6639899	32.78%	1.956%
56	10.481	2833	2843	2856	rVB6	1054713	2245176	11.08%	0.661%
57	10.571	2856	2871	2881	rBV8	2528533	5942959	29.34%	1.751%
58	10.639	2884	2892	2900	rVB	2535993	3797117	18.75%	1.119%
59	10.687	2900	2907	2911	rBV	644120	897657	4.43%	0.264%
60	10.777	2928	2935	2941	rBV2	970924	1598462	7.89%	0.471%
61	10.825	2943	2950	2963	rVB6	2427194	4474819	22.09%	1.318%
62	10.922	2973	2980	2986	rBV	456588	643732	3.18%	0.190%
63	10.970	2987	2995	3003	rBV4	877843	1550126	7.65%	0.457%
64	11.028	3005	3013	3021	rBV2	2438297	3862555	19.07%	1.138%
65	11.079	3022	3029	3040	rBV3	1810870	2999888	14.81%	0.884%
66	11.208	3061	3069	3078	rVB6	610372	1171525	5.78%	0.345%
67	11.259	3079	3085	3091	rBV4	419972	591600	2.92%	0.174%
68	11.327	3091	3106	3118	rBV7	2358986	5175455	25.55%	1.525%
69	11.391	3119	3126	3131	rBV2	1868059	2552897	12.60%	0.752%
70	11.430	3131	3138	3145	rVB	5277178	6995049	34.53%	2.061%
71	11.481	3145	3154	3161	rBV2	3684781	6490765	32.04%	1.912%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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	11.587	3178	3187	3194	rBV	2683856	4681262	23.11%	1.379%
73	11.655	3203	3208	3218	rVB2	2099025	3043845	15.03%	0.897%
74	11.719	3219	3228	3236	rBV5	3378915	6418318	31.69%	1.891%
75	11.841	3258	3266	3274	rVB3	3120217	5427450	26.79%	1.599%
76	11.886	3274	3280	3296	rBV2	1730813	3193074	15.76%	0.941%
77	11.957	3298	3302	3305	rBV	667378	708654	3.50%	0.209%
78	12.134	3340	3357	3364	rBV5	1662983	4551236	22.47%	1.341%
79	12.201	3365	3378	3394	rVB7	4482030	10412991	51.41%	3.068%
80	12.394	3432	3438	3455	rVB7	2103220	4849591	23.94%	1.429%
81	12.510	3459	3474	3481	rBV3	2519602	5845094	28.86%	1.722%
82	12.629	3506	3511	3521	rVB4	978284	1578294	7.79%	0.465%
83	12.687	3523	3529	3535	rVV2	1218533	1857723	9.17%	0.547%
84	12.729	3537	3542	3562	rVB5	1321024	2995430	14.79%	0.882%
85	12.844	3571	3578	3600	rVB9	1877755	5616953	27.73%	1.655%
86	12.957	3601	3613	3617	rBV3	1619649	3319236	16.39%	0.978%
87	13.050	3633	3642	3658	rVB3	1411037	3294046	16.26%	0.970%
88	13.131	3660	3667	3671	rBV2	736477	1057856	5.22%	0.312%
89	13.288	3710	3716	3718	rBV3	369824	429890	2.12%	0.127%
90	13.378	3738	3744	3752	rBV	495740	677812	3.35%	0.200%
91	13.430	3754	3760	3767	rBV3	524304	797500	3.94%	0.235%
92	13.484	3767	3777	3791	rVV6	1123132	2906509	14.35%	0.856%
93	13.587	3805	3809	3814	rBV	201688	203242	1.00%	0.060%
94	13.623	3814	3820	3825	rBV4	373115	507475	2.51%	0.150%
95	13.767	3856	3865	3875	rBV6	299208	704822	3.48%	0.208%
96	13.864	3886	3895	3901	rBV4	535503	912802	4.51%	0.269%
97	14.217	3995	4005	4010	rBV9	125787	255793	1.26%	0.075%
98	14.709	4149	4158	4170	rVB7	105458	230828	1.14%	0.068%
99	15.266	4318	4331	4341	rBV	256926	432911	2.14%	0.128%
100	15.455	4381	4390	4404	rVB	118928	197033	0.97%	0.058%

Sum of corrected areas: 339431263

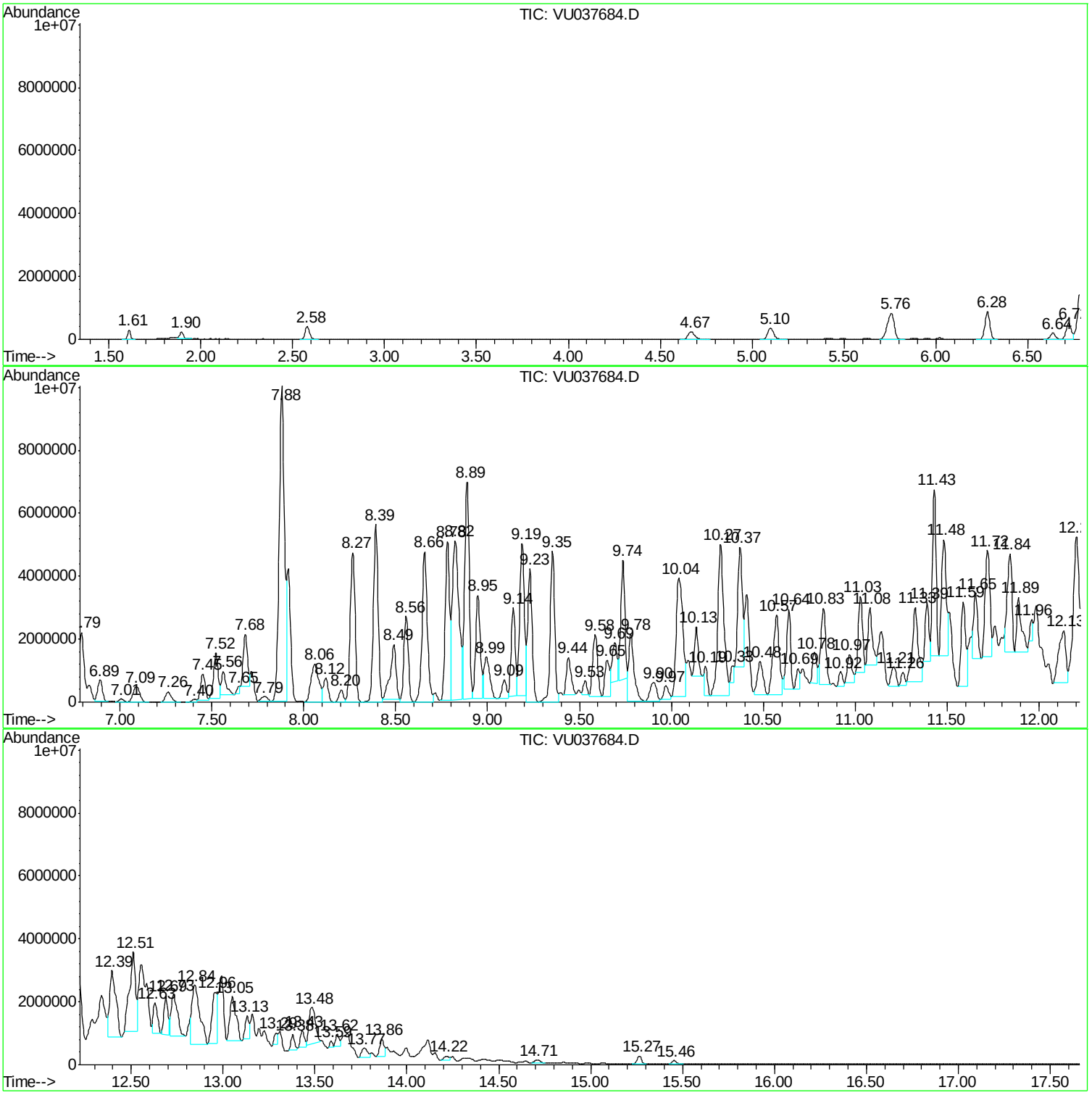
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME

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\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

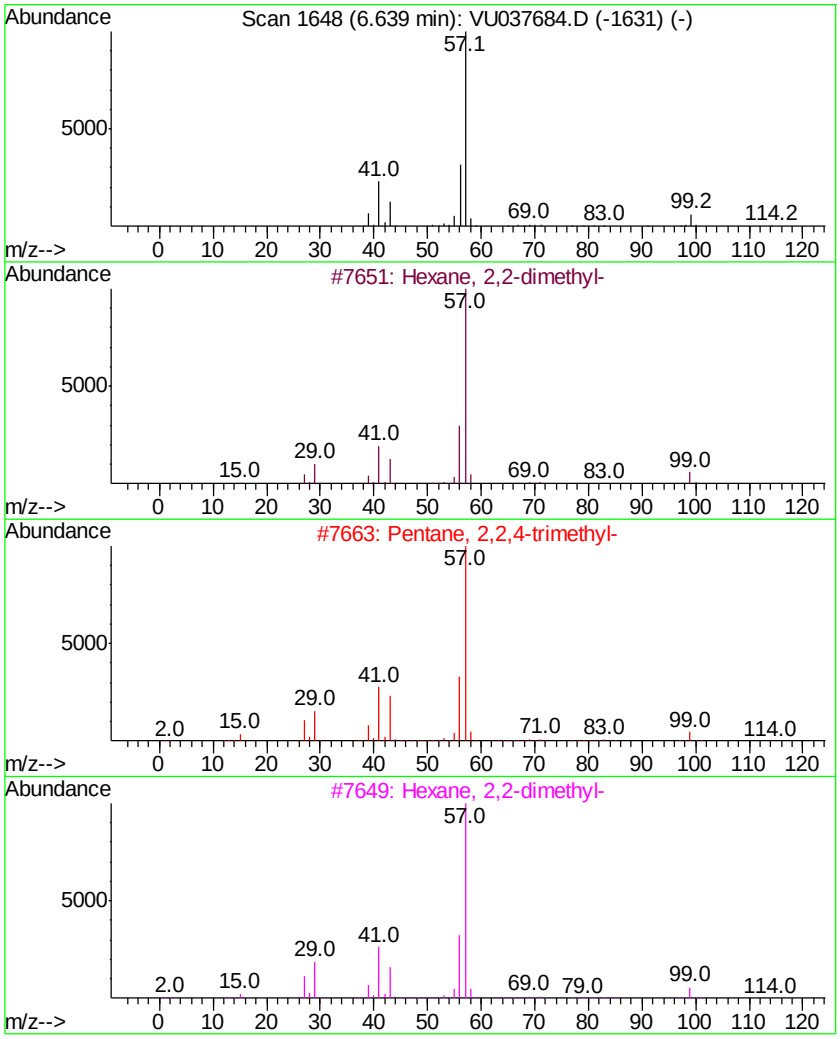
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

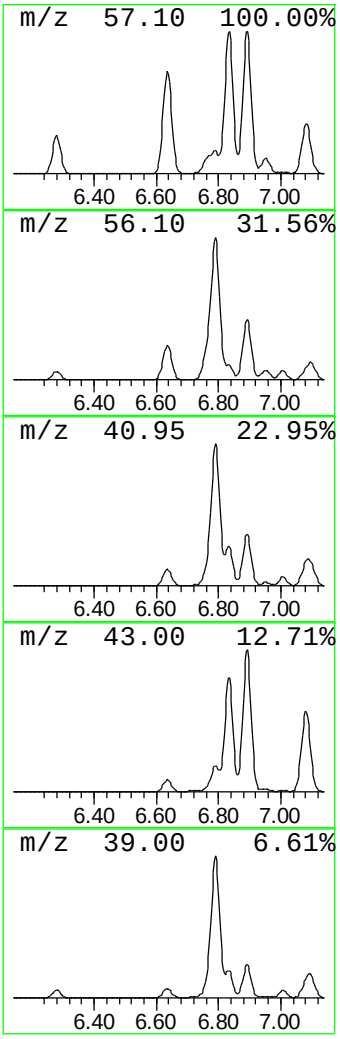
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	11.80 ug/L	391081	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	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

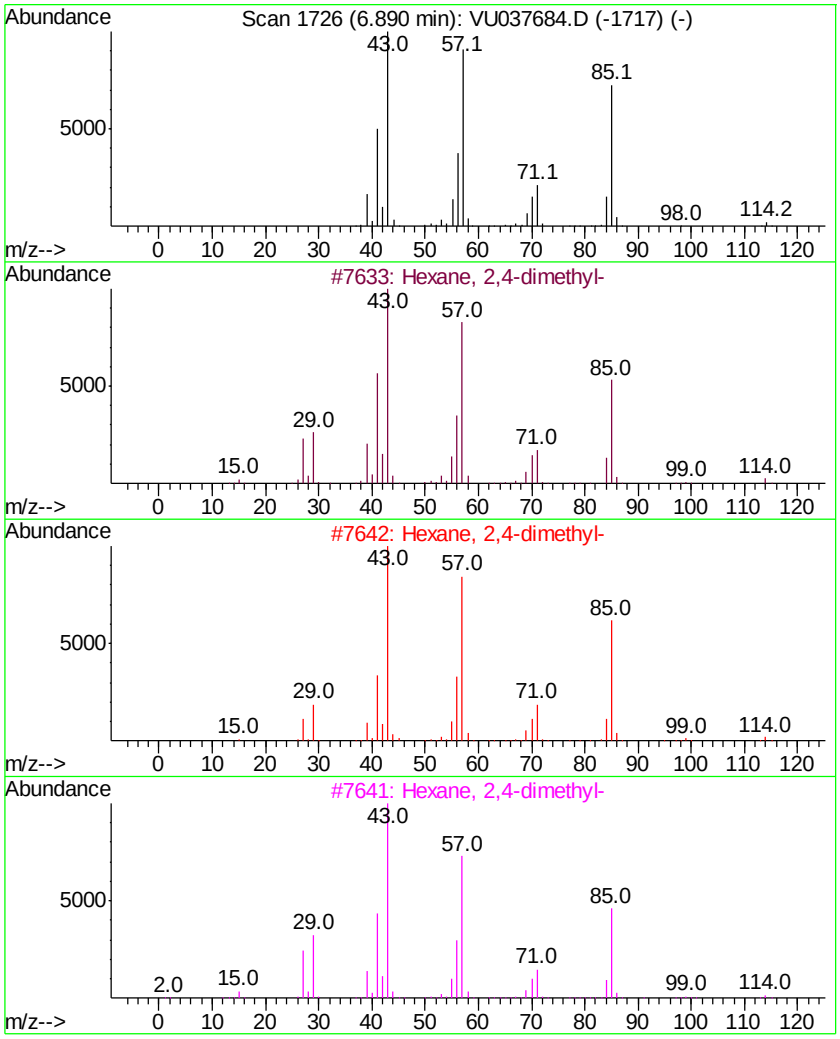
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

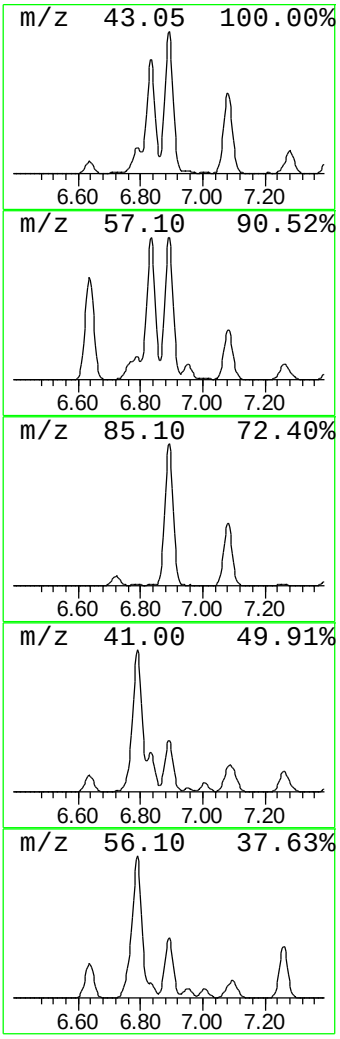
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	37.53 ug/L	1243770	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	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

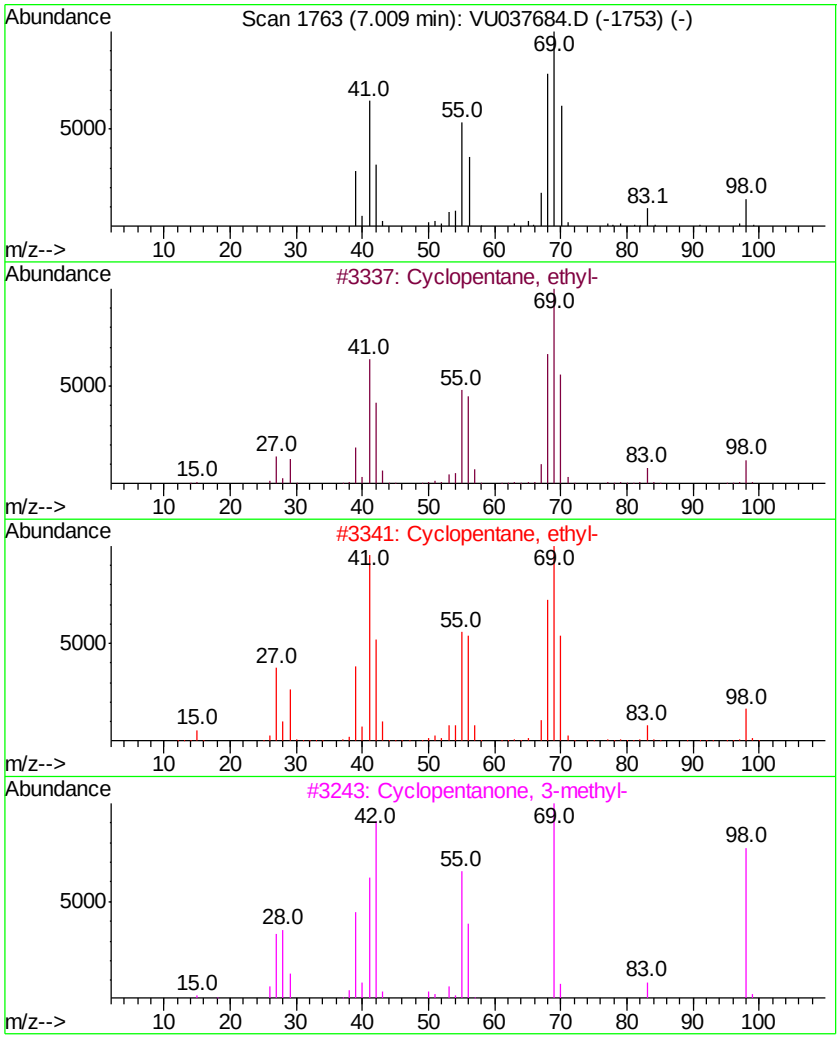
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

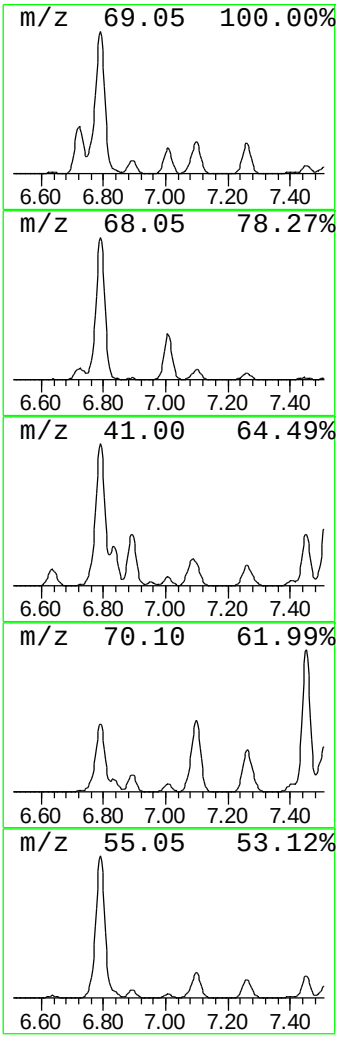
****

Peak Number 3 (DEL) Alkane: Cyclic7.01 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	4.94 ug/L	163658	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
3	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	46
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

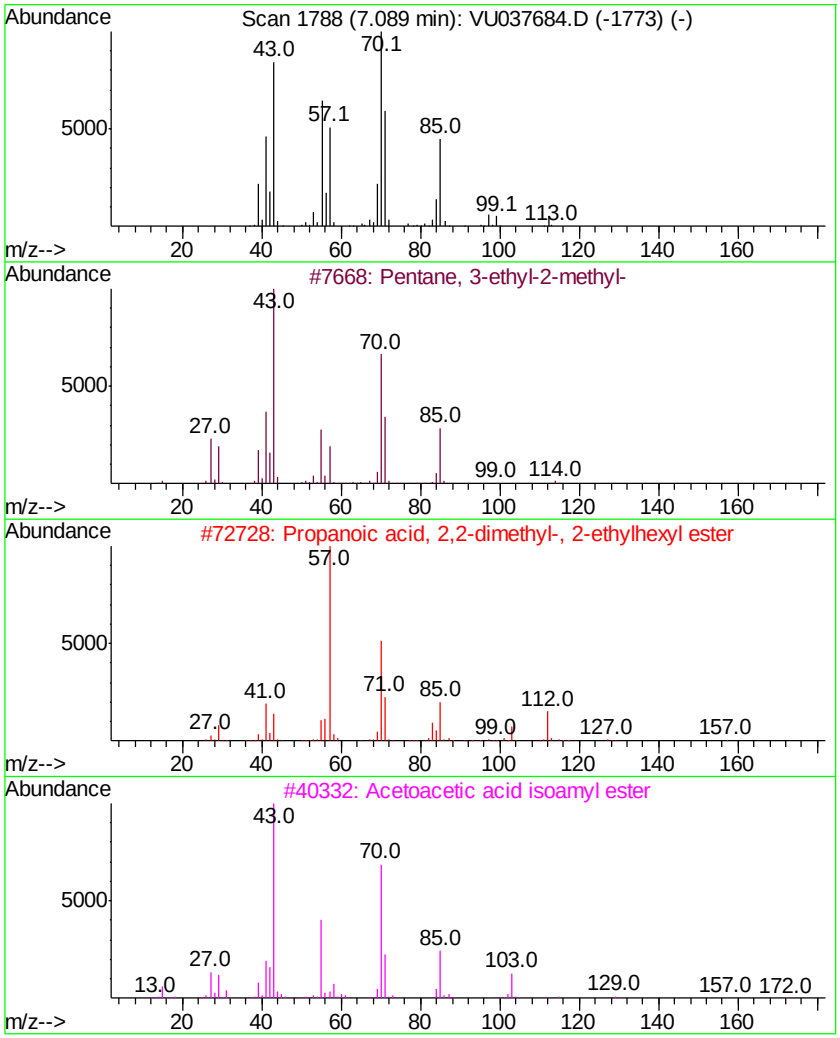
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

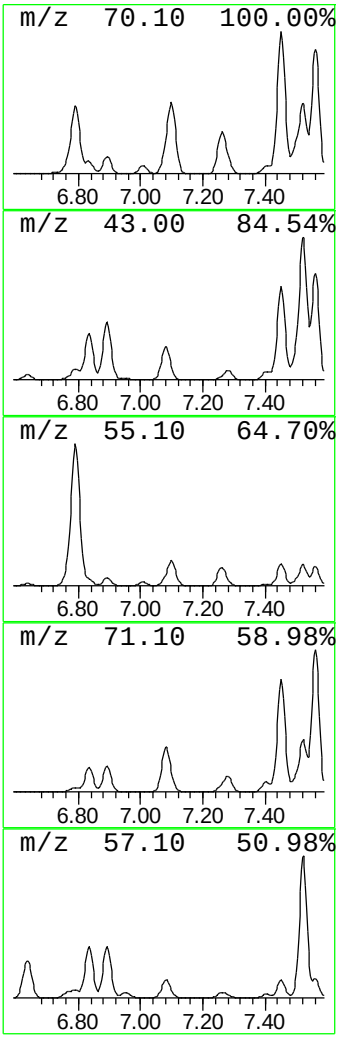
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	37.30 ug/L	1236040	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	72
2	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	59
3	Acetoacetic acid isoamyl ester	172	C9H16O3	002308-18-1	53
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	52
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

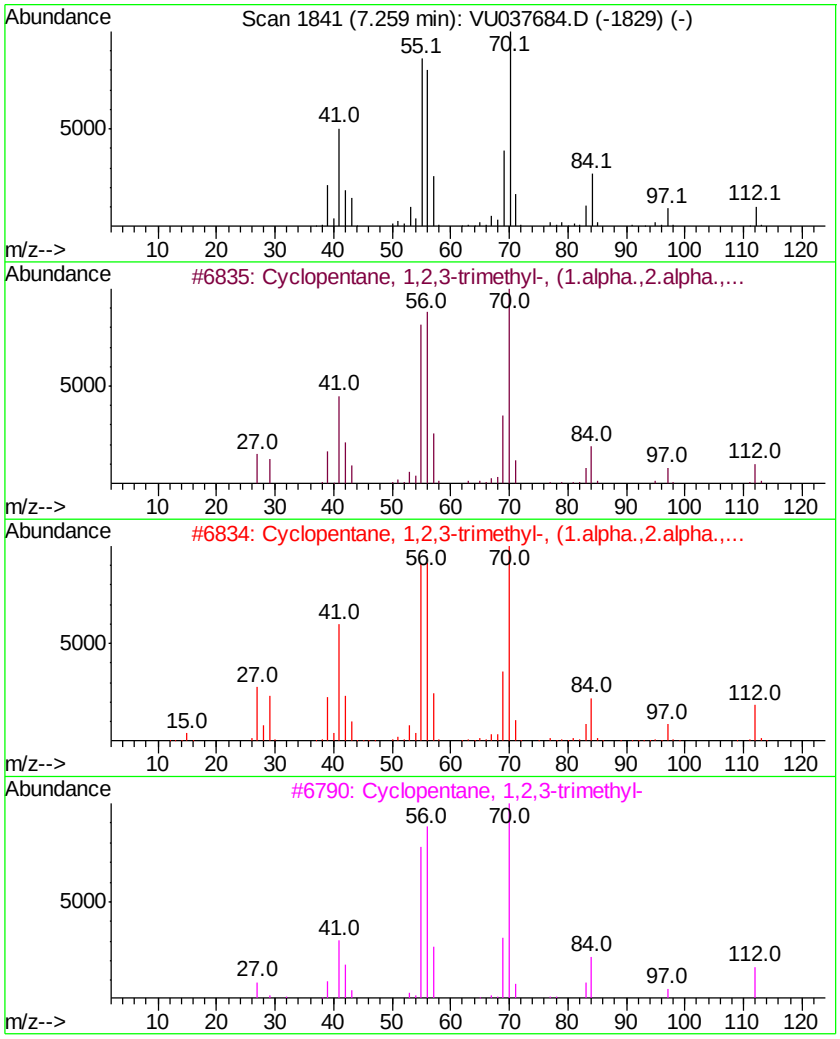
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

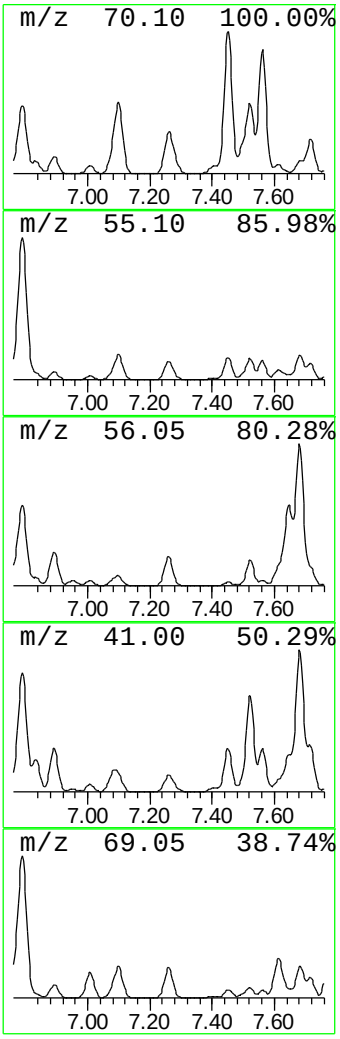
****

Peak Number 5 (DEL) Alkane: Cyclic7.26 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	21.89 ug/L	725457	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	93
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	90
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	83
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

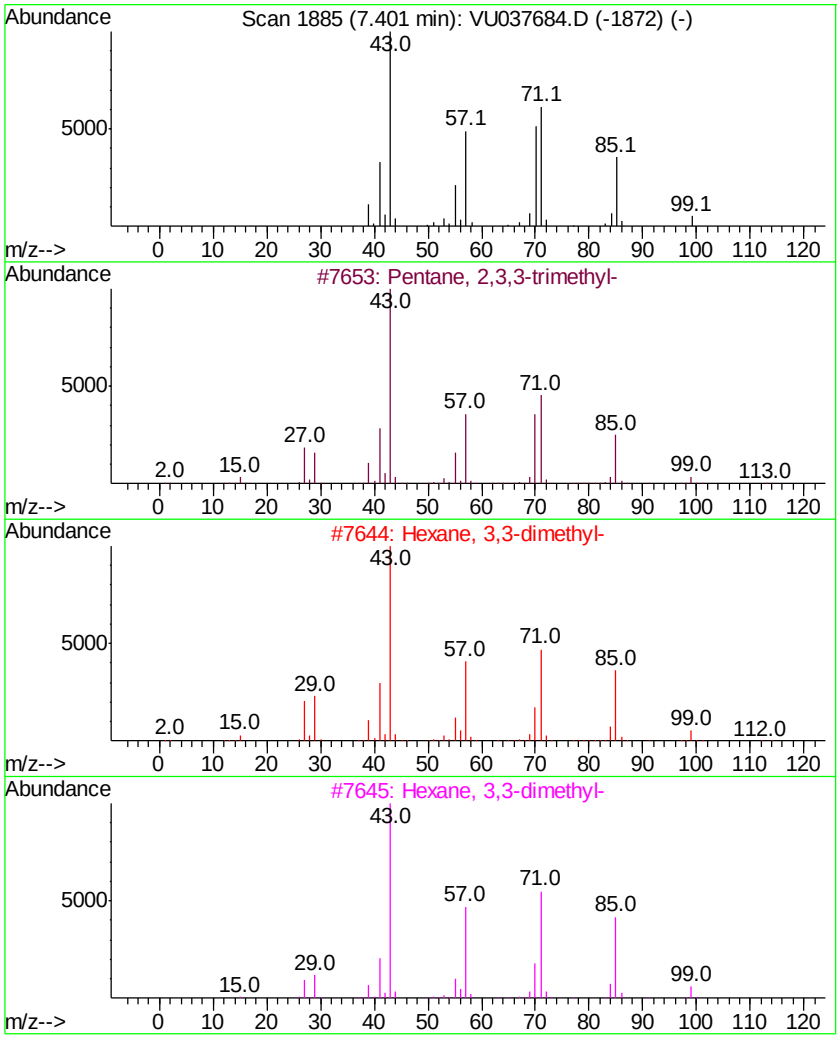
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

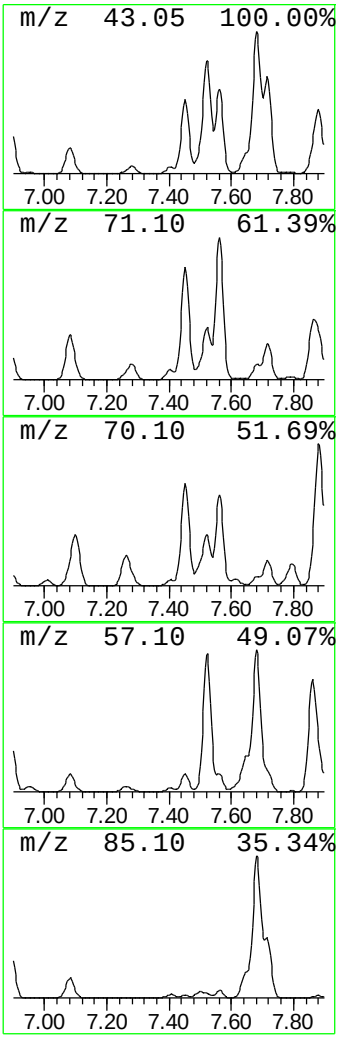
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	4.55 ug/L	150719	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	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

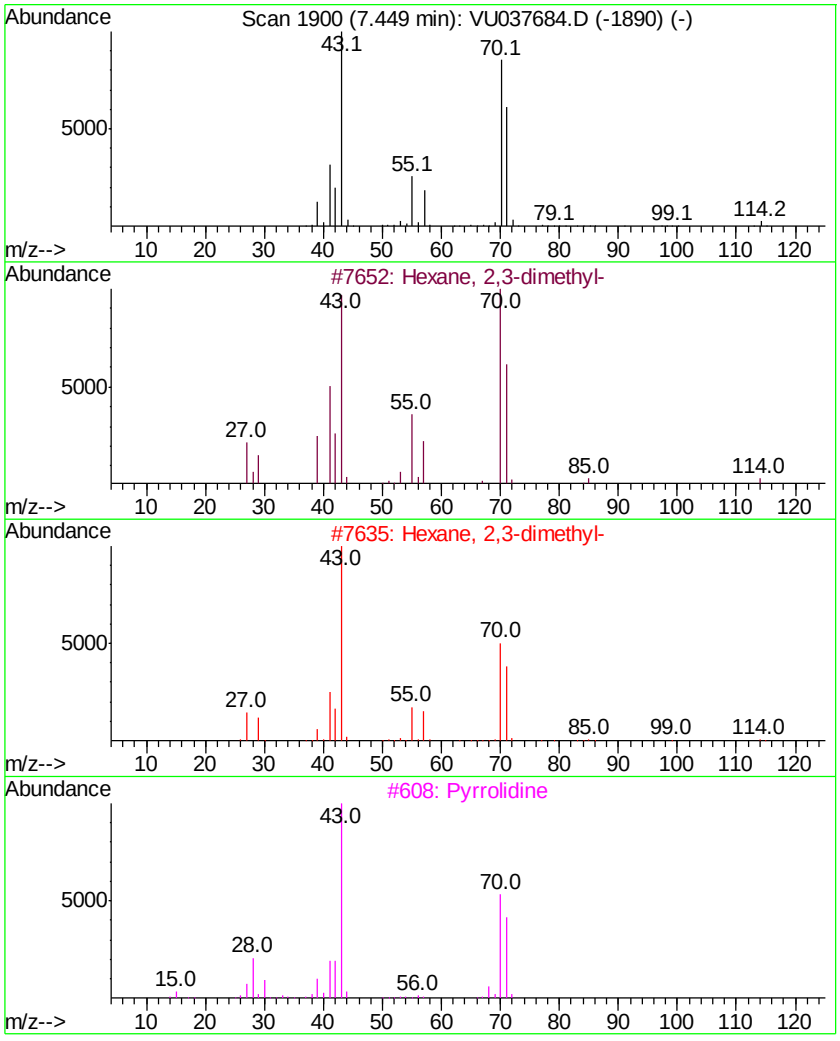
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

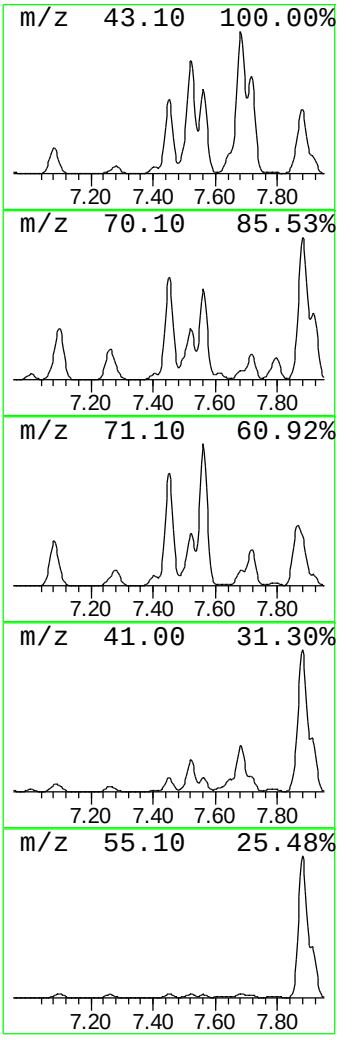
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	41.51 ug/L	1375600	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	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	83
3	Pyrrolidine	71	C4H9N	000123-75-1	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

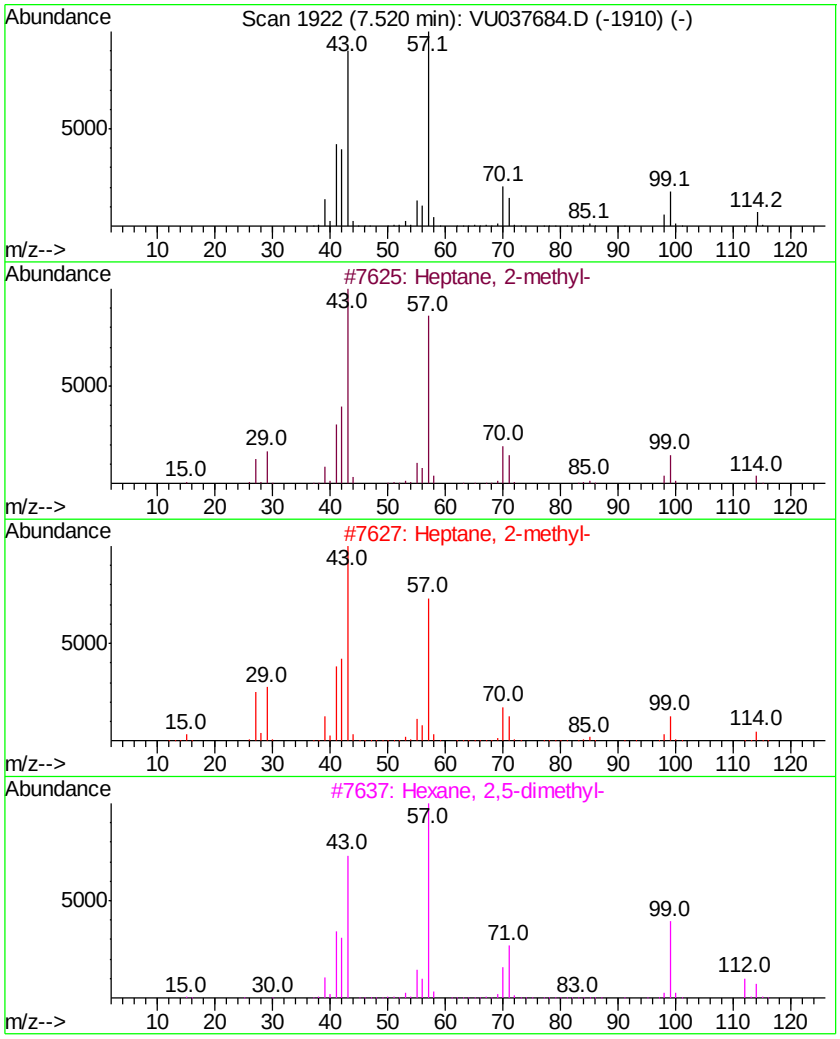
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

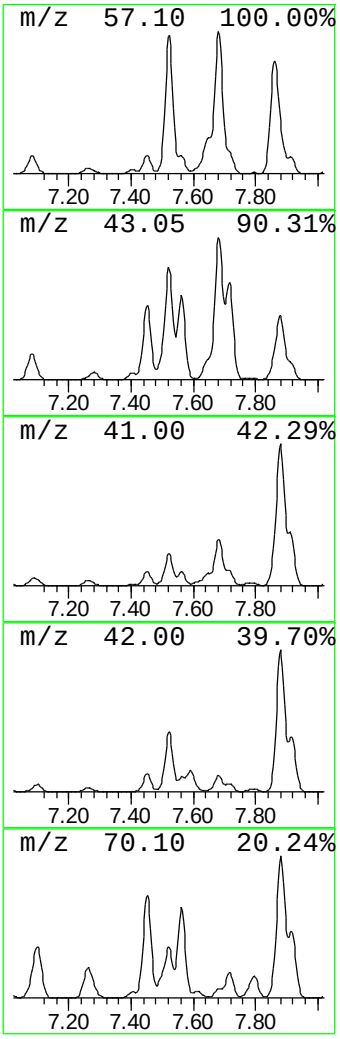
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	78.46 ug/L	2600280	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

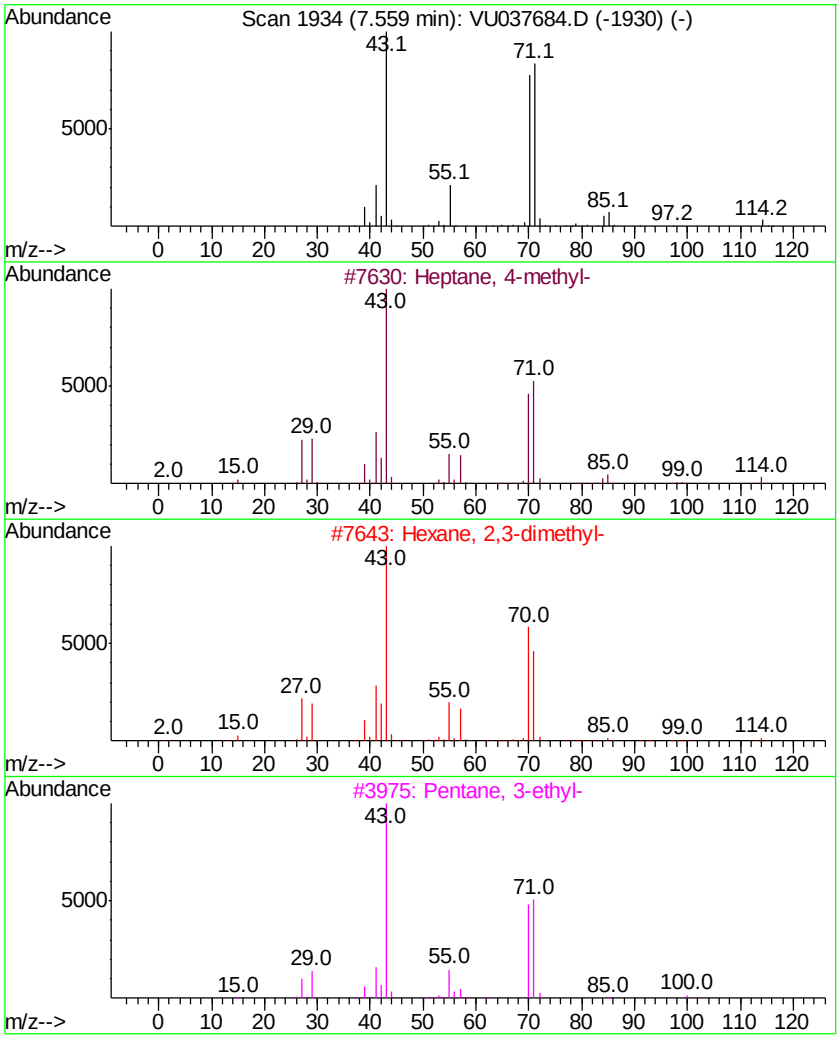
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

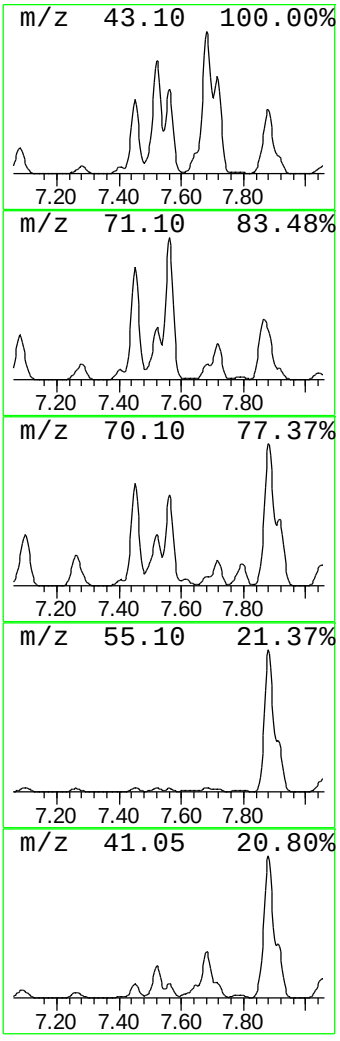
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	39.44 ug/L	1307080	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	91
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

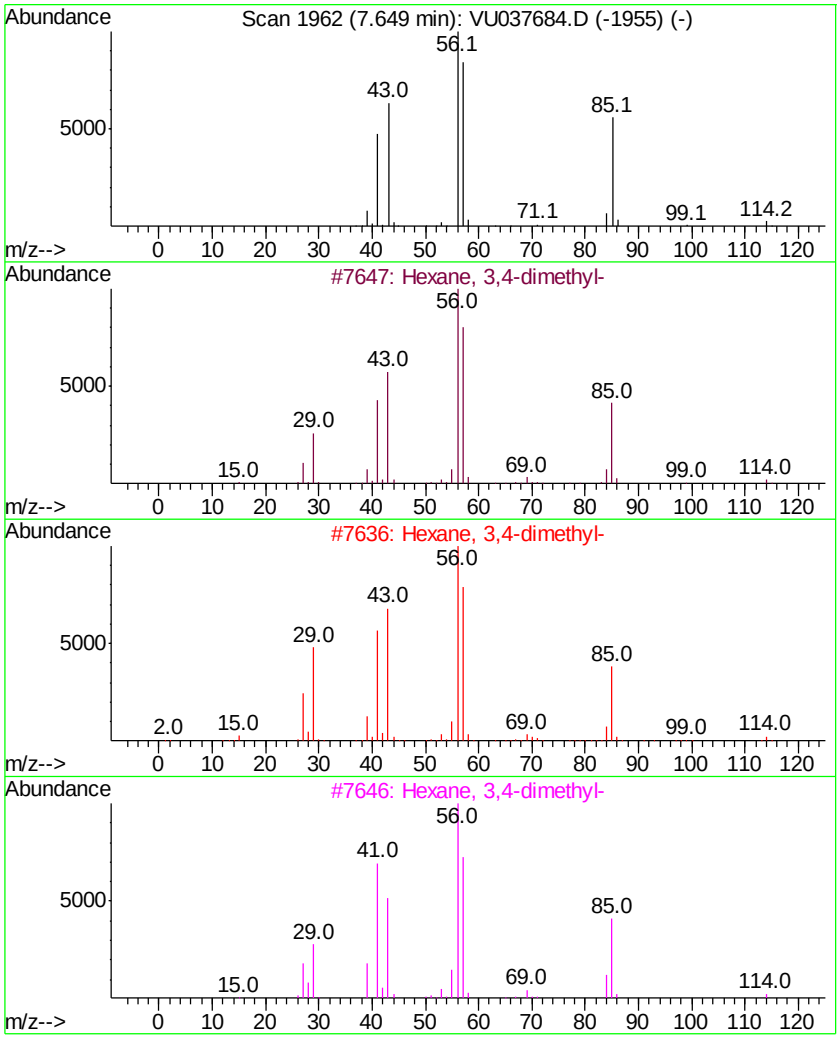
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

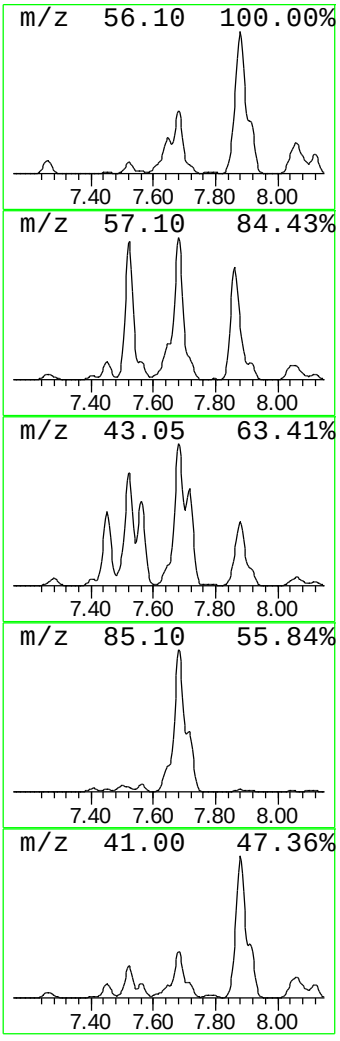
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	7.74 ug/L	256424	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	91
2	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	80
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	59
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

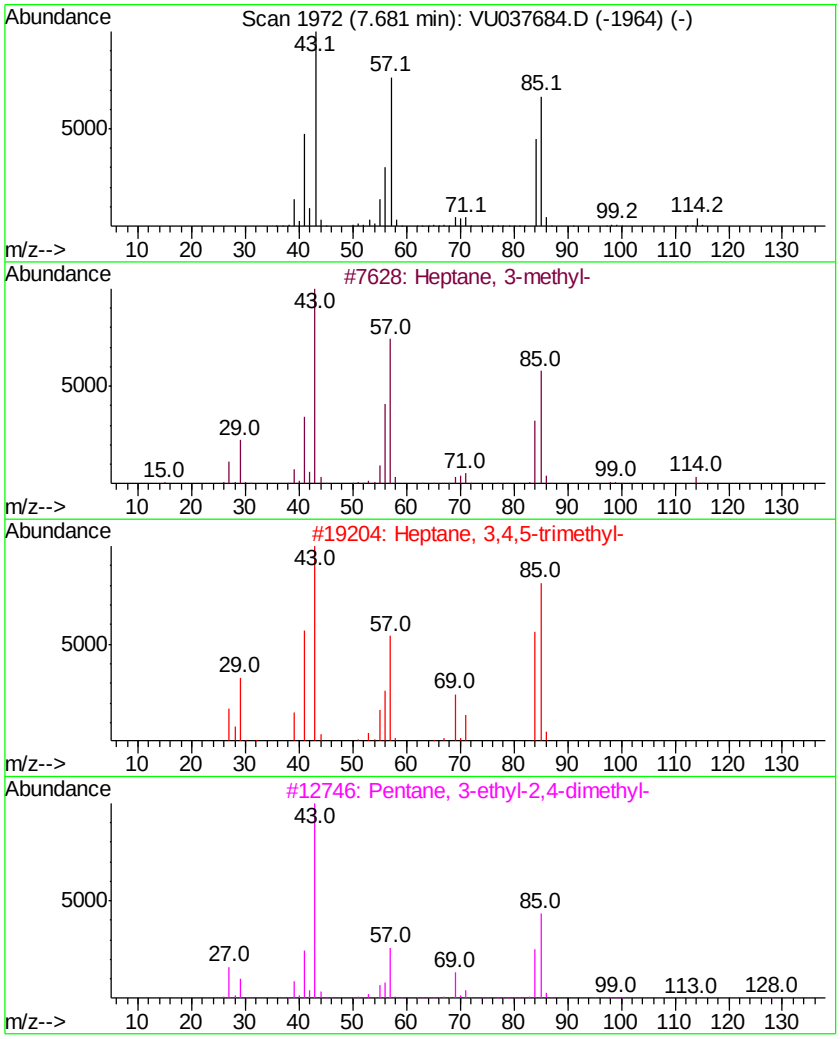
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

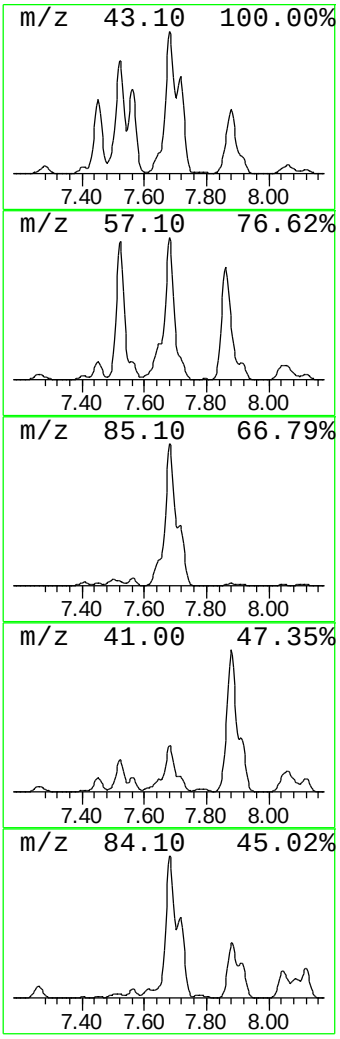
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	79.09 ug/L	2621040	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	80
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

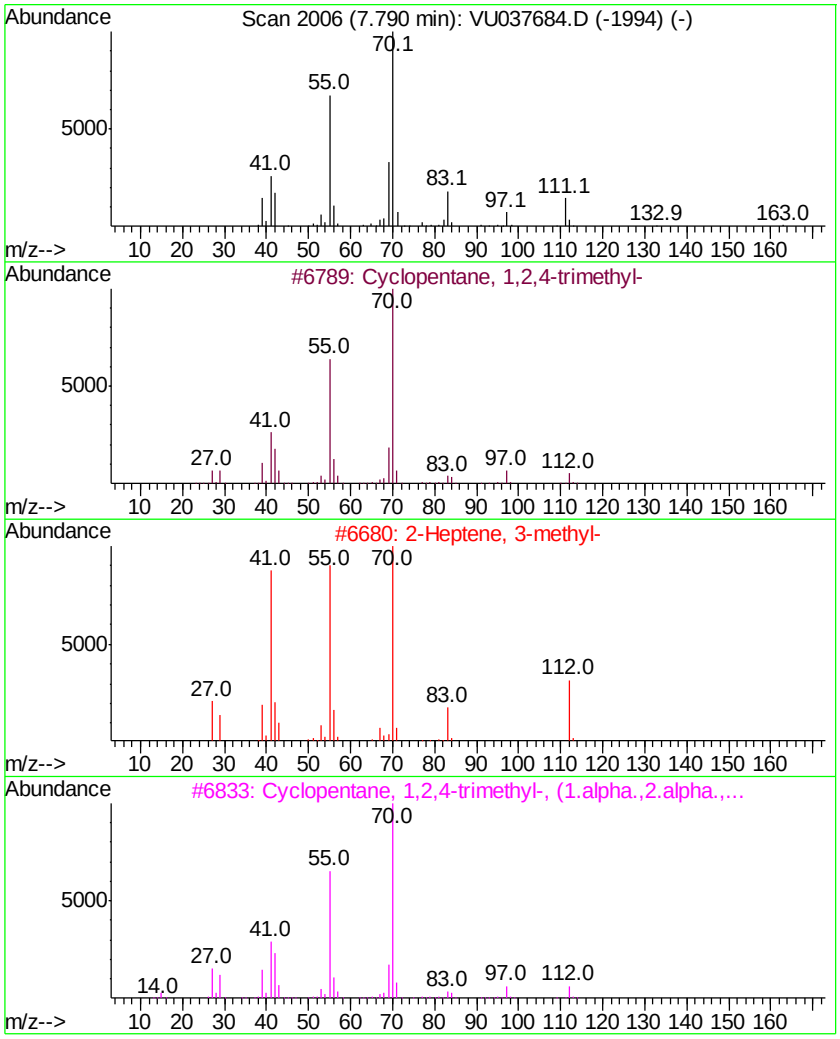
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

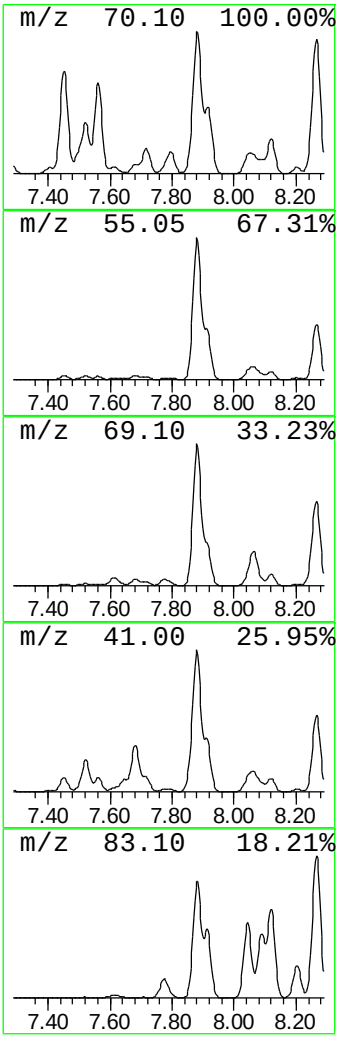
****

Peak Number 12 (DEL) Alkane: Cyclic7.79 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	11.44 ug/L	379014	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	64
2	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	59
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	53
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	53
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

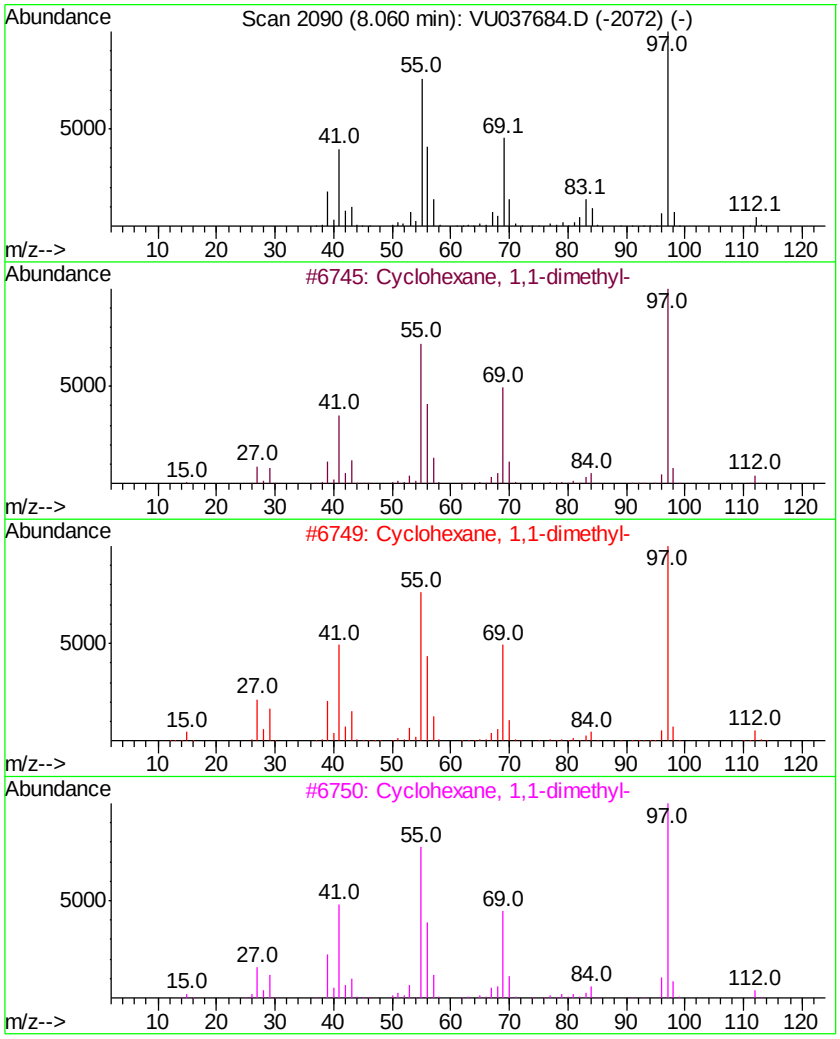
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

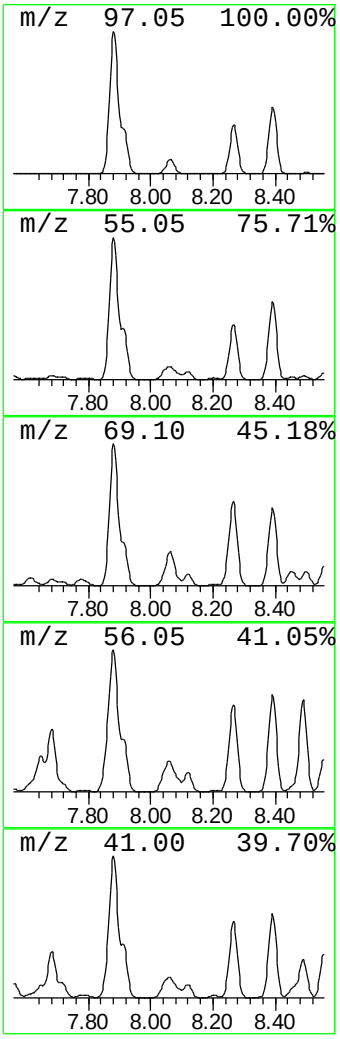
****

Peak Number 13 (DEL) Alkane: Cyclic8.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	81.61 ug/L	3521580	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	95
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	87
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

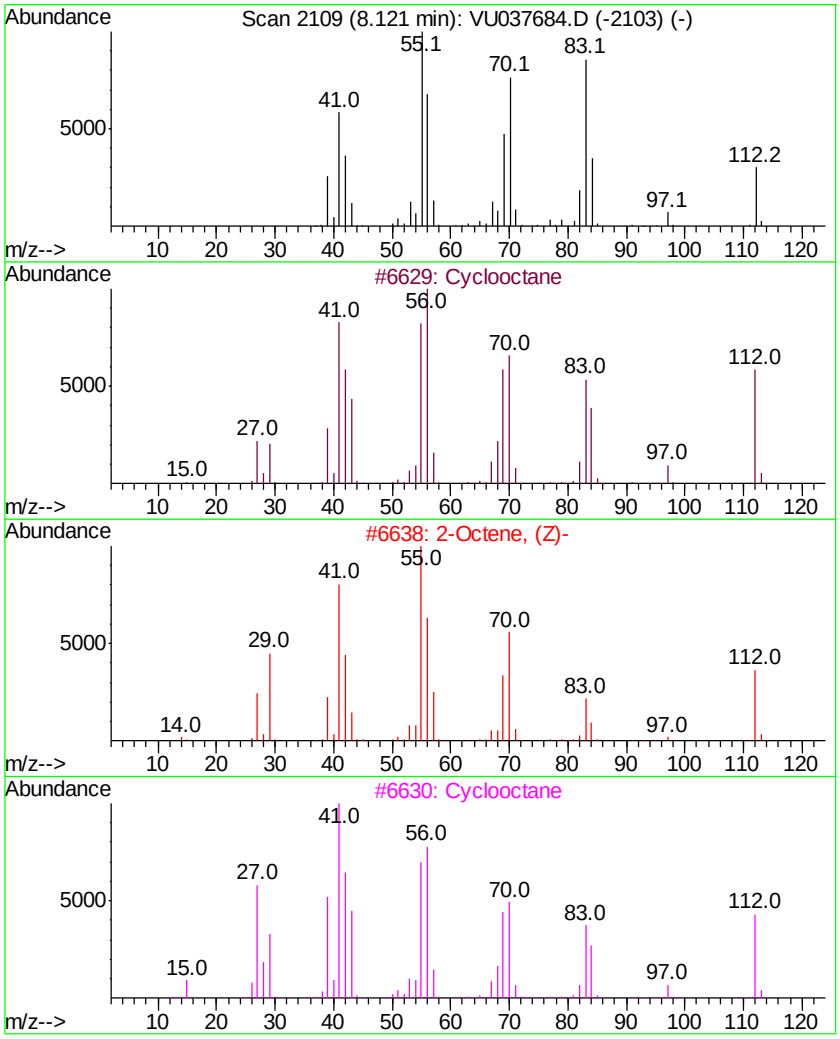
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

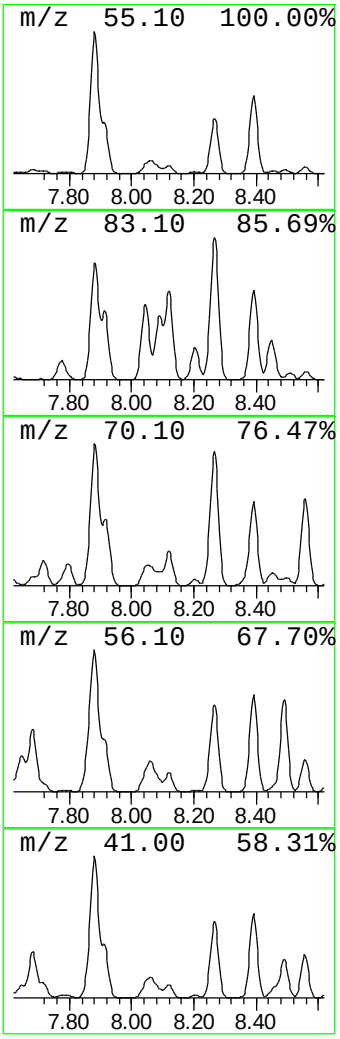
****

Peak Number 14 (DEL) Alkane: Cyclic8.12 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	29.12 ug/L	1256390	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	81
2	2-Octene, (Z)-	112	C8H16	007642-04-8	70
3	Cyclooctane	112	C8H16	000292-64-8	60
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

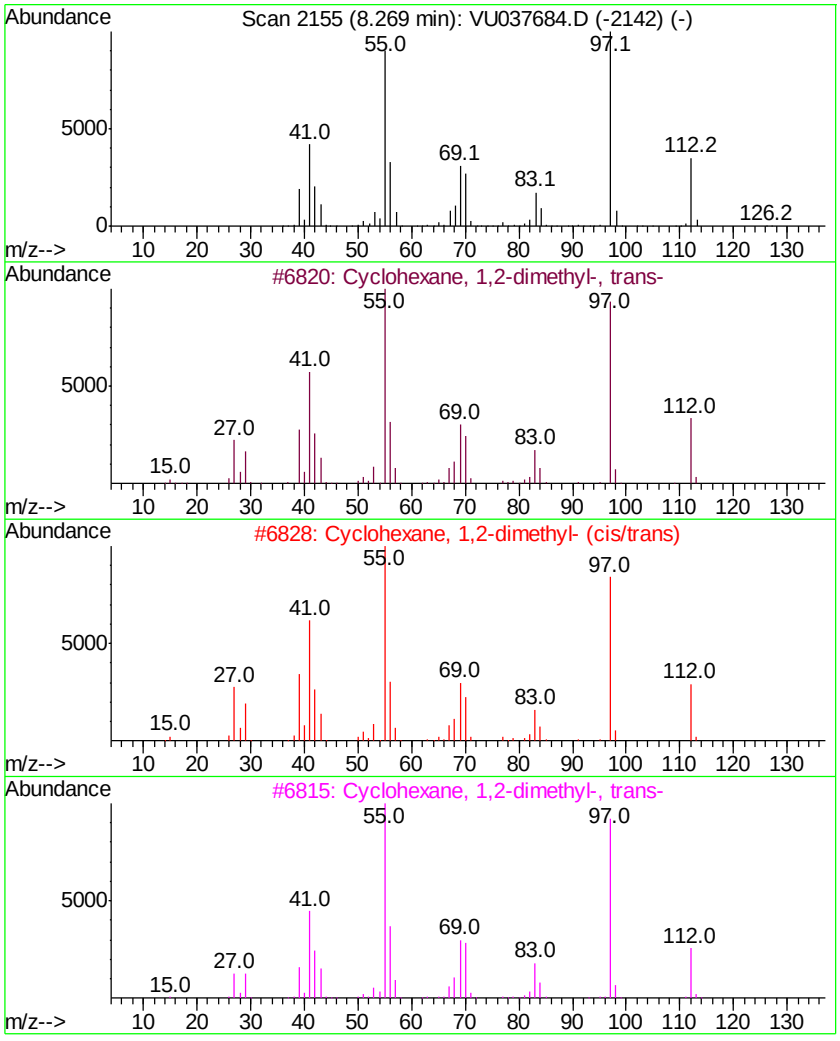
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

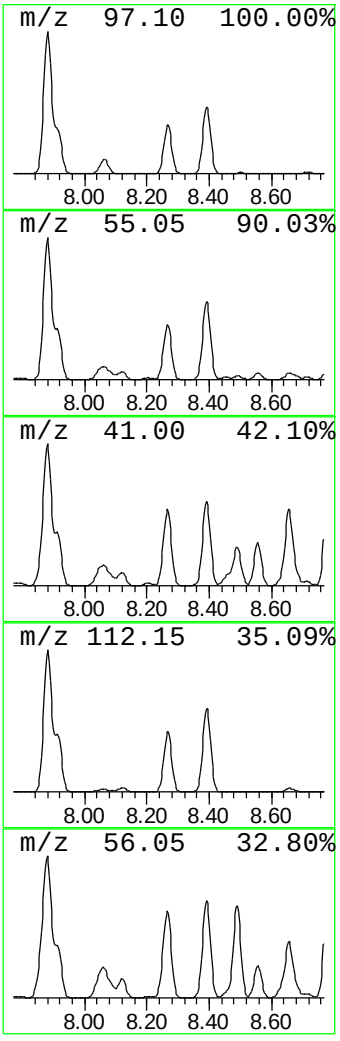
****

Peak Number 15 (DEL) Alkane: Cyclic8.27 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	202.23 ug/L	8726080	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

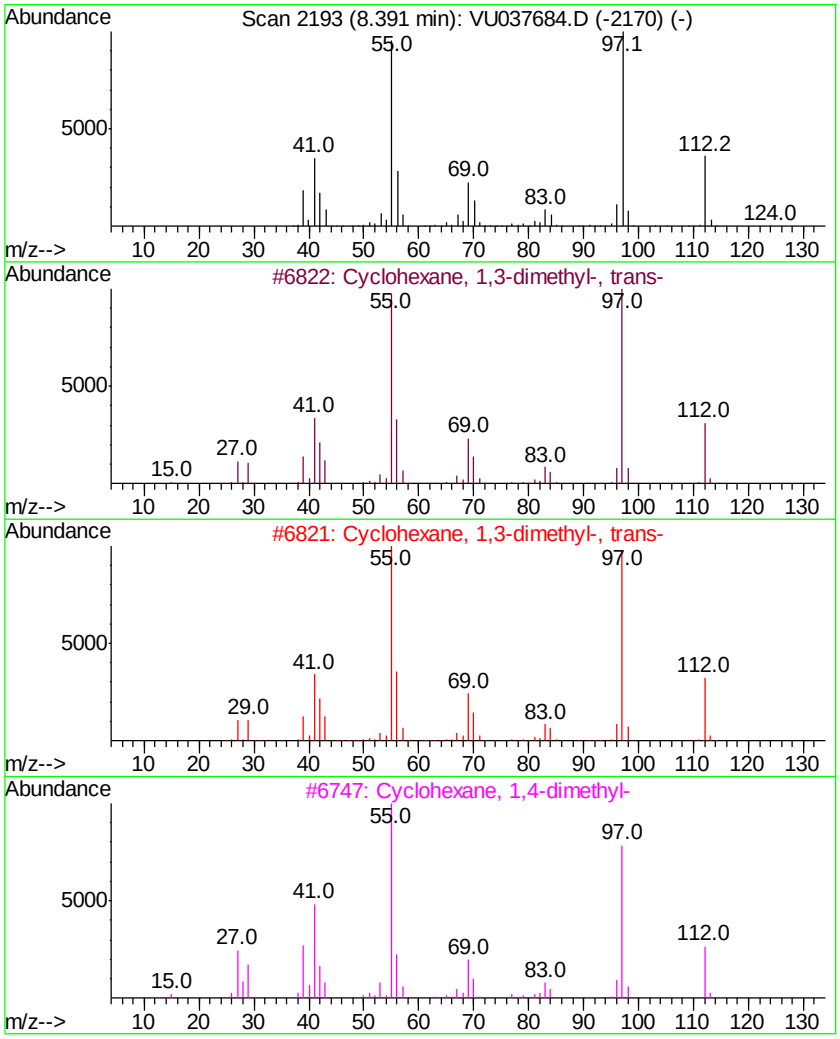
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

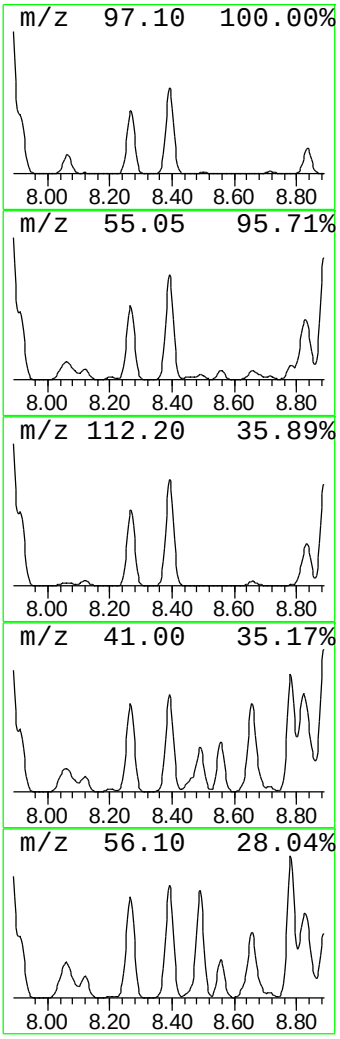
****

Peak Number 16 (DEL) Alkane: Cyclic8.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	234.02 ug/L	10097800	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, 1,4-dimethyl-	112	C8H16	000589-90-2	97
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

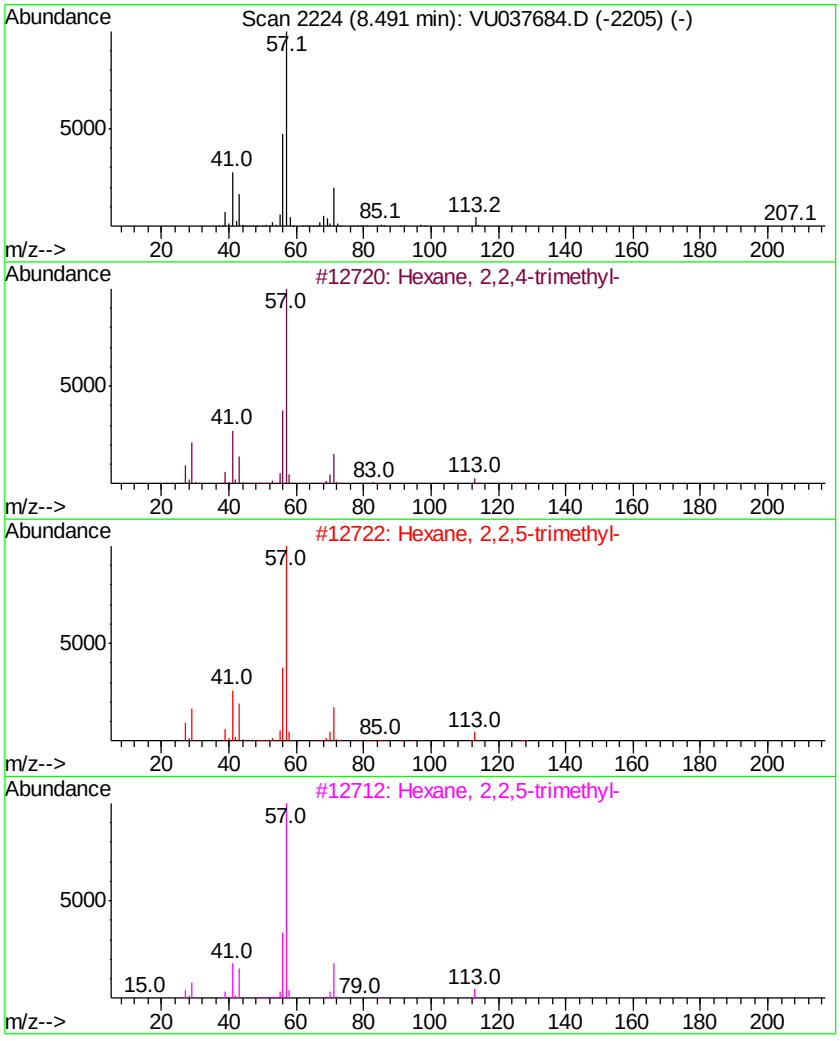
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

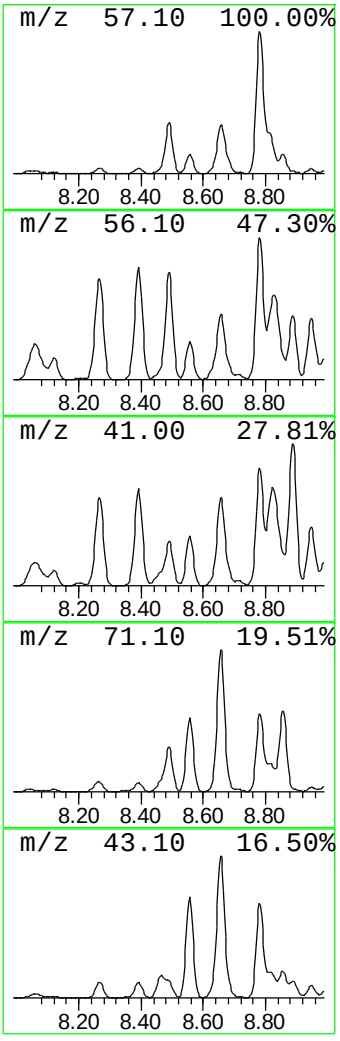
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	90.33 ug/L	3897710	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	78
5	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

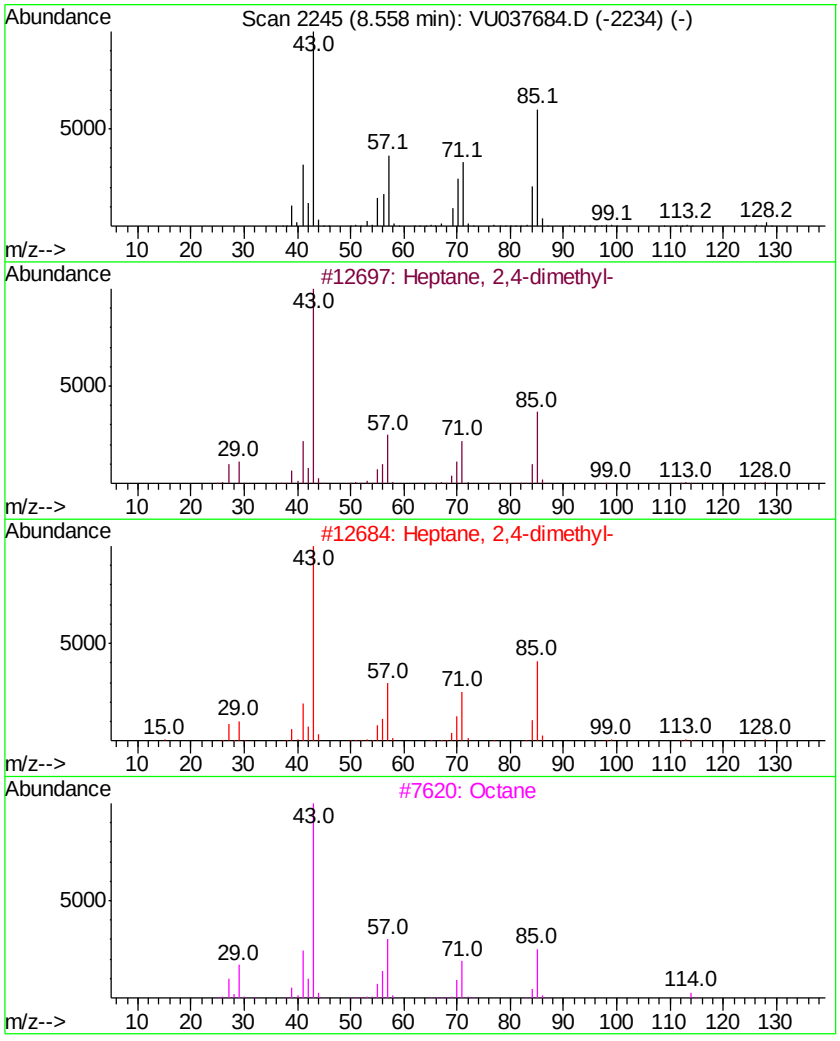
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

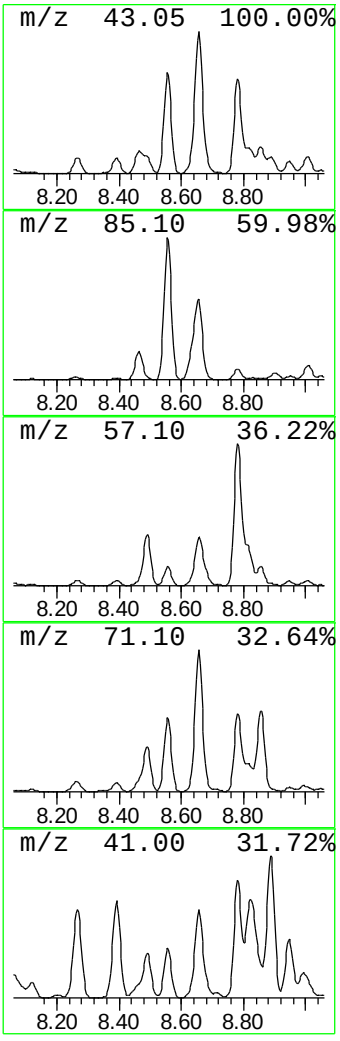
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	105.03 ug/L	4531860	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
3	Octane	114	C8H18	000111-65-9	64
4	Octane, 4-methyl-	128	C9H20	002216-34-4	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

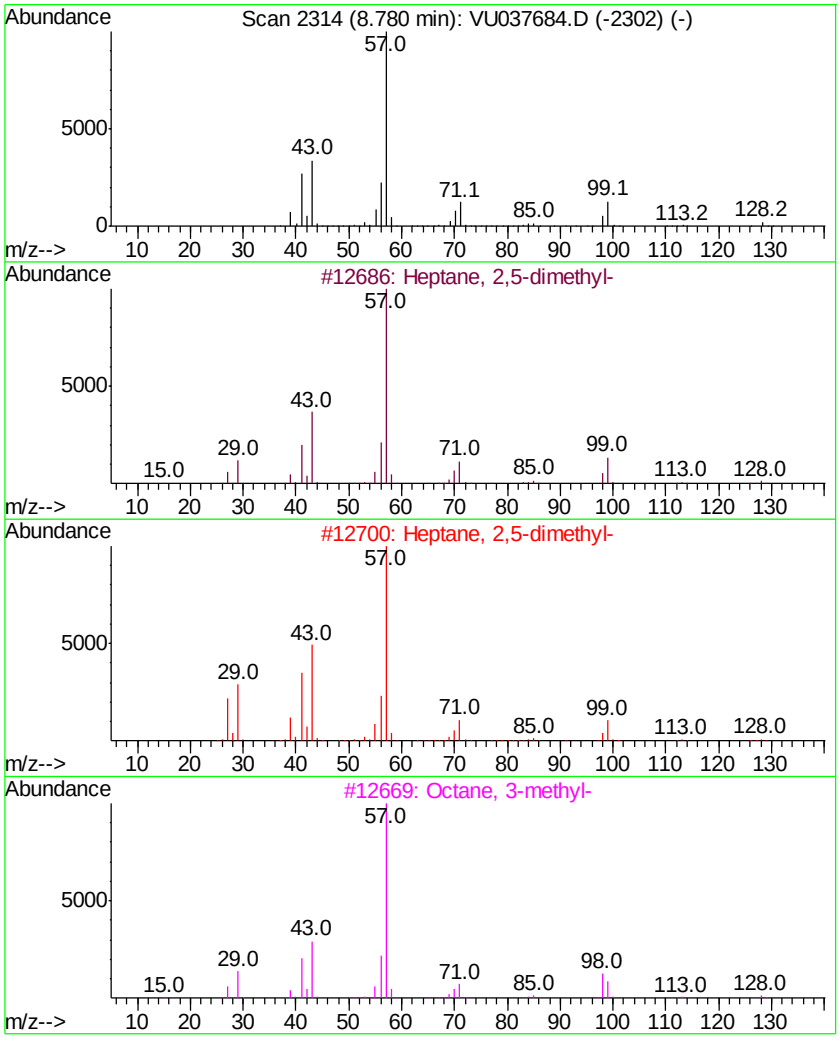
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

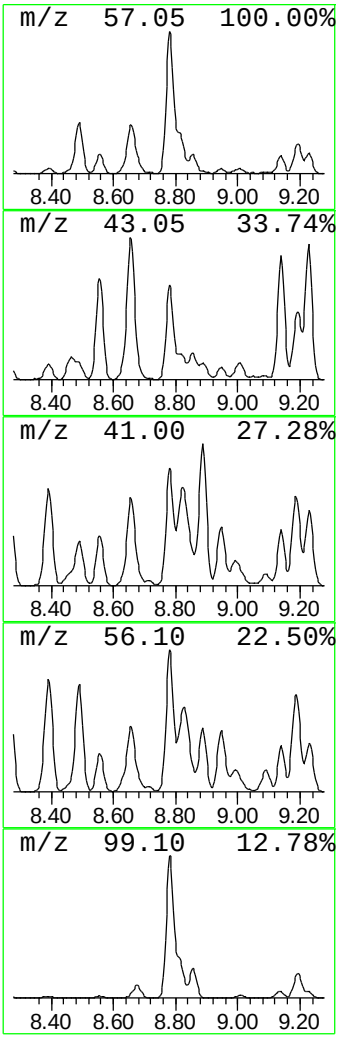
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	197.35 ug/L	8515590	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	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

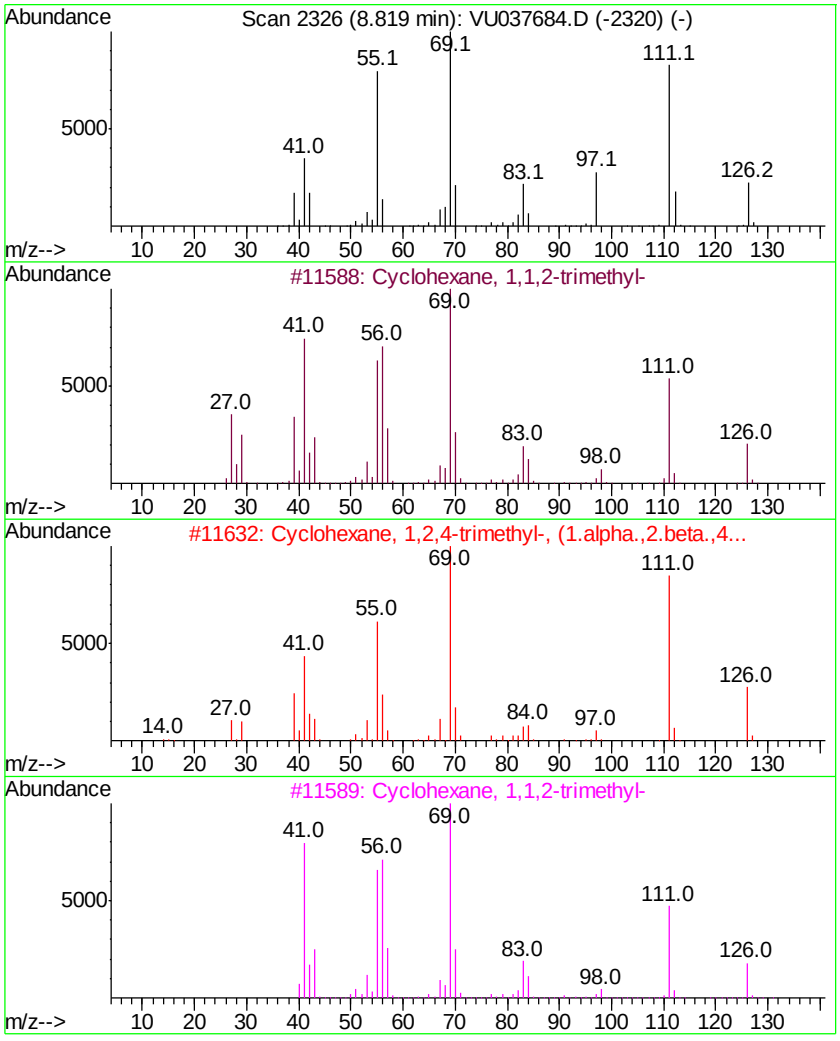
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

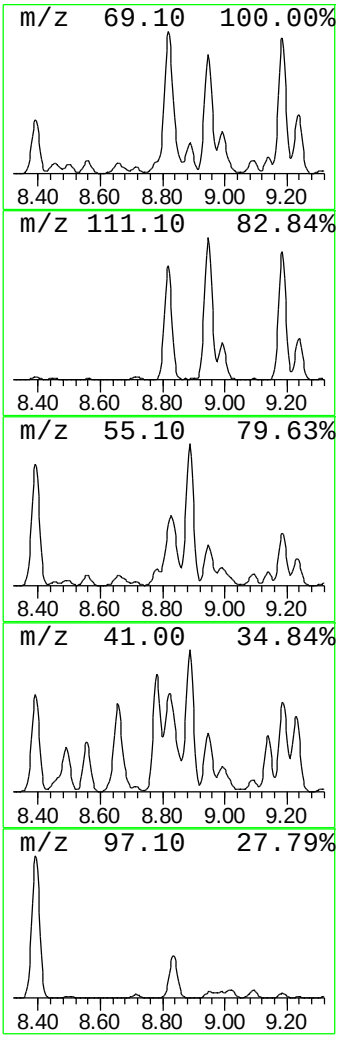
****

Peak Number 20 (DEL) Alkane: Cyclic8.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	294.14 ug/L	12692000	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	72
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	52
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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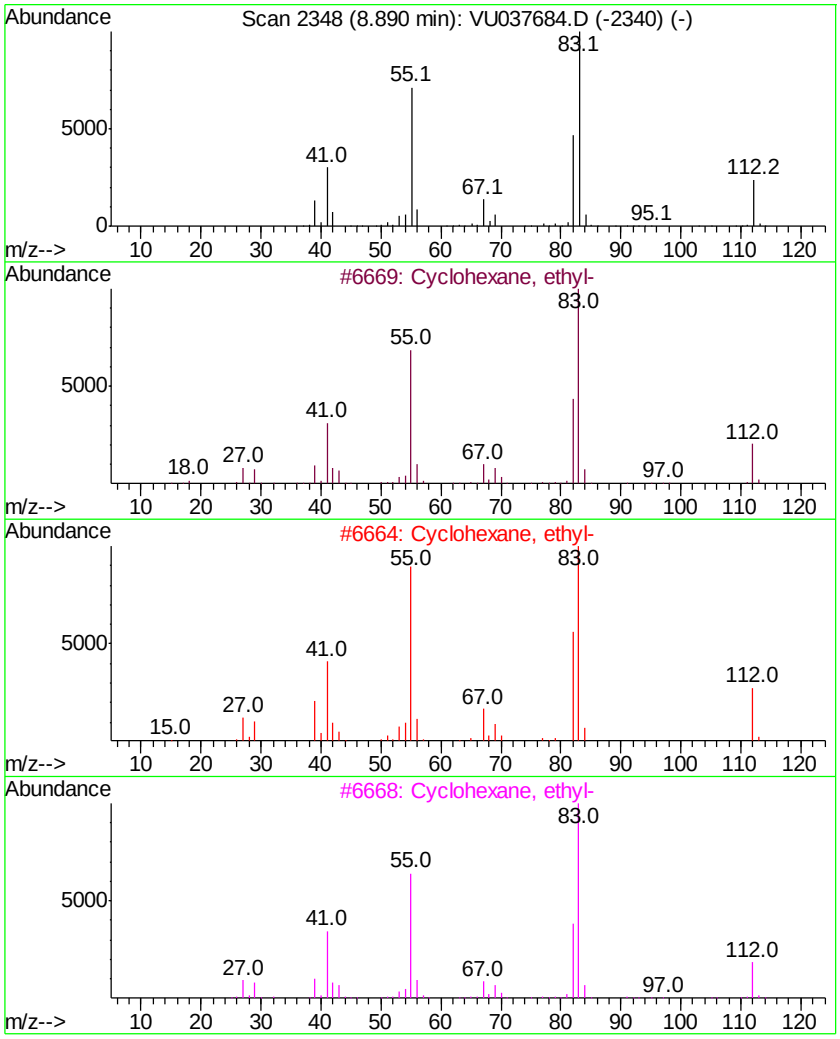
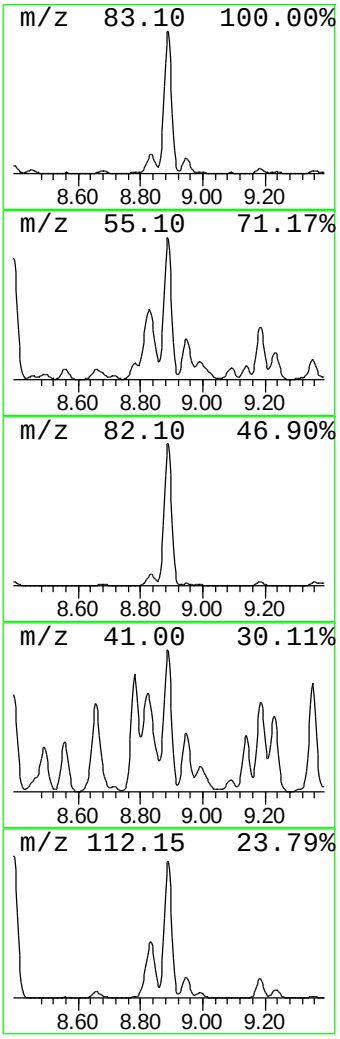
Peak Number 21 (DEL) Alkane: Cyclic8.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	270.43 ug/L	11669100	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	94
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5	4-Hexen-3-one, 5-methyl-	112	C7H12O	013905-10-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

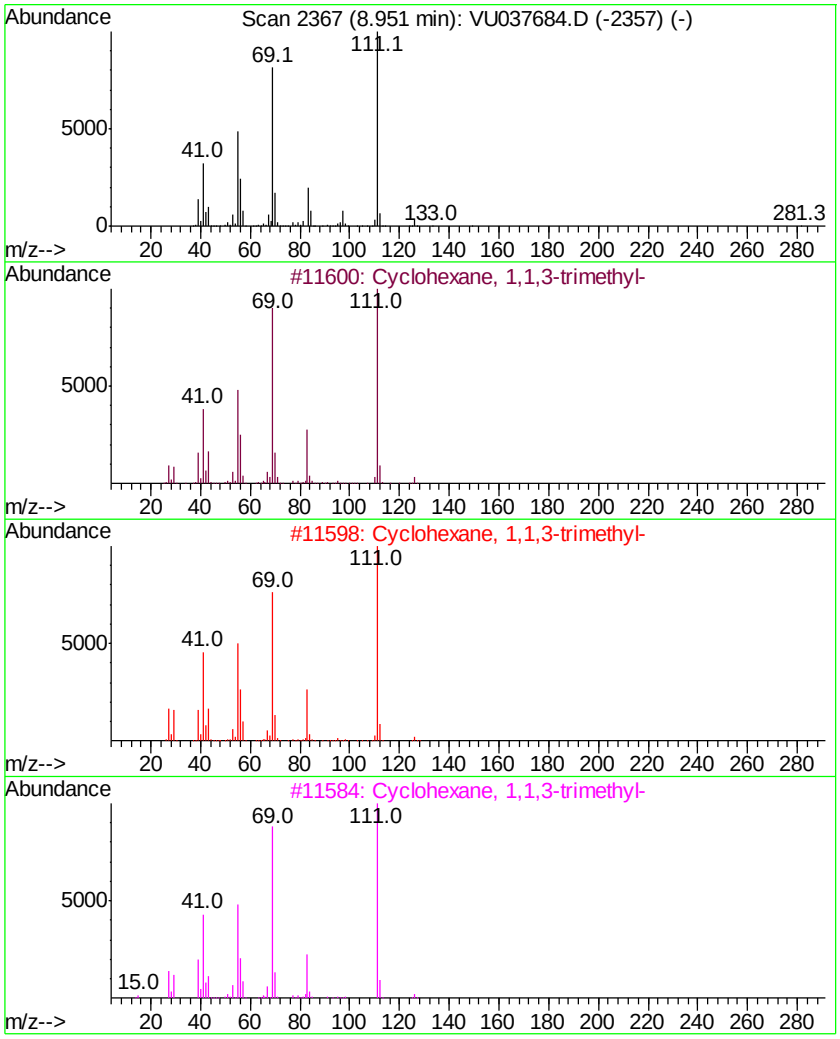
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

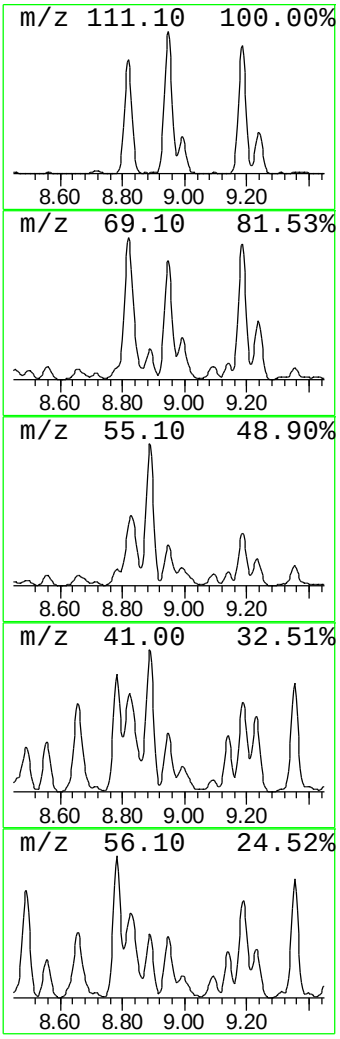
****

Peak Number 22 (DEL) Alkane: Cyclic8.95 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	134.09 ug/L	5786120	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

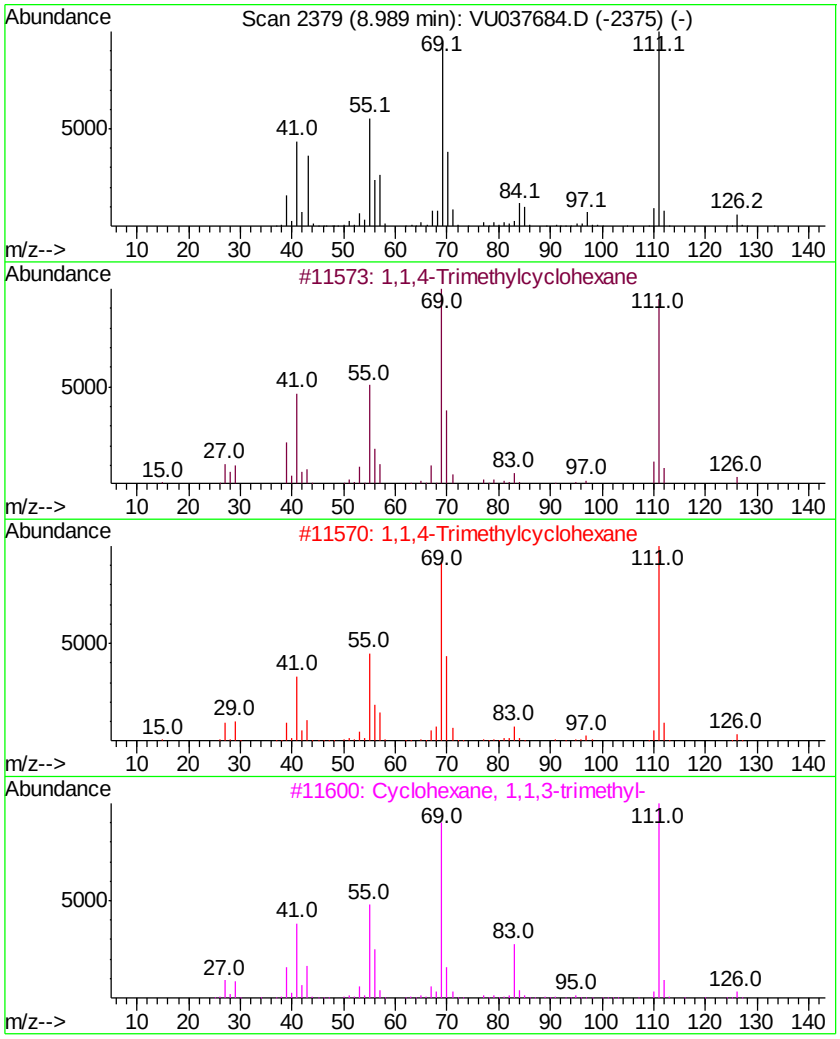
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

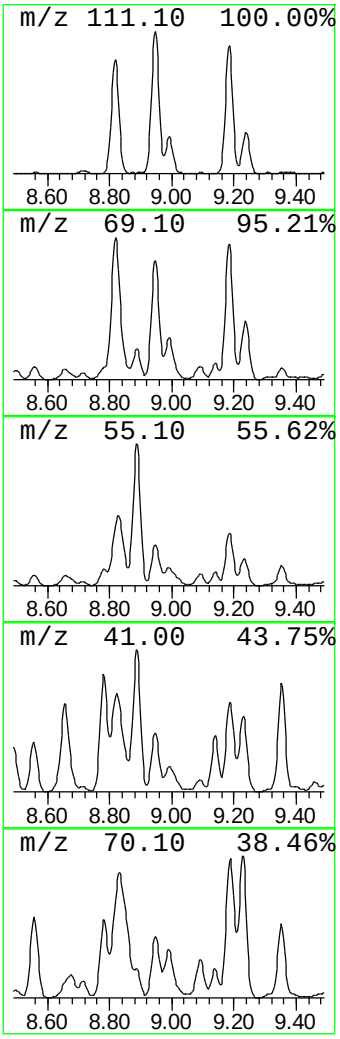
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	63.49 ug/L	2739420	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	87
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	83
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

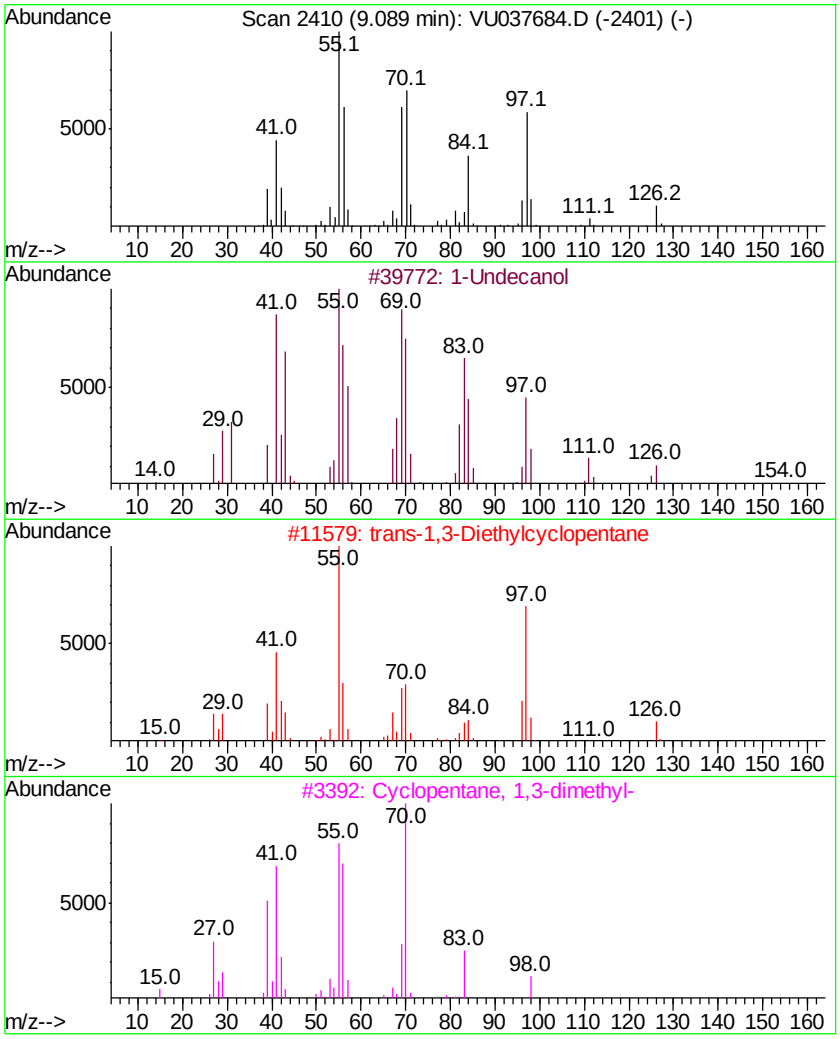
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

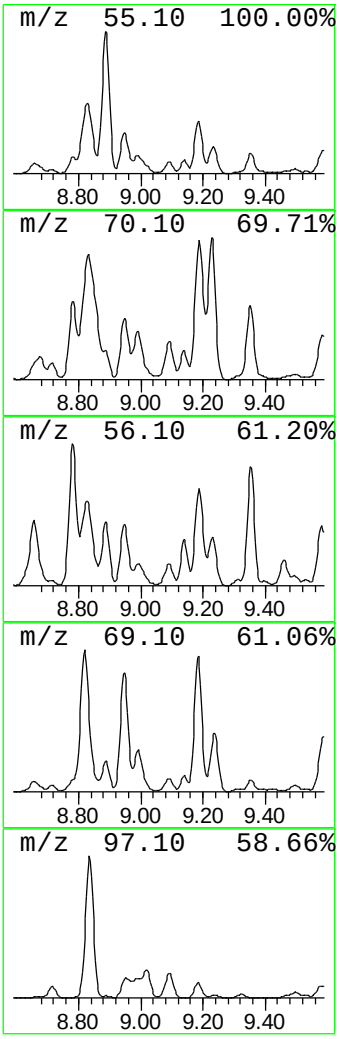
****

Peak Number 24 1-Undecanol Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	23.72 ug/L	1023410	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecanol	172	C11H24O	000112-42-5	72
2	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	58
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	49
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	46
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

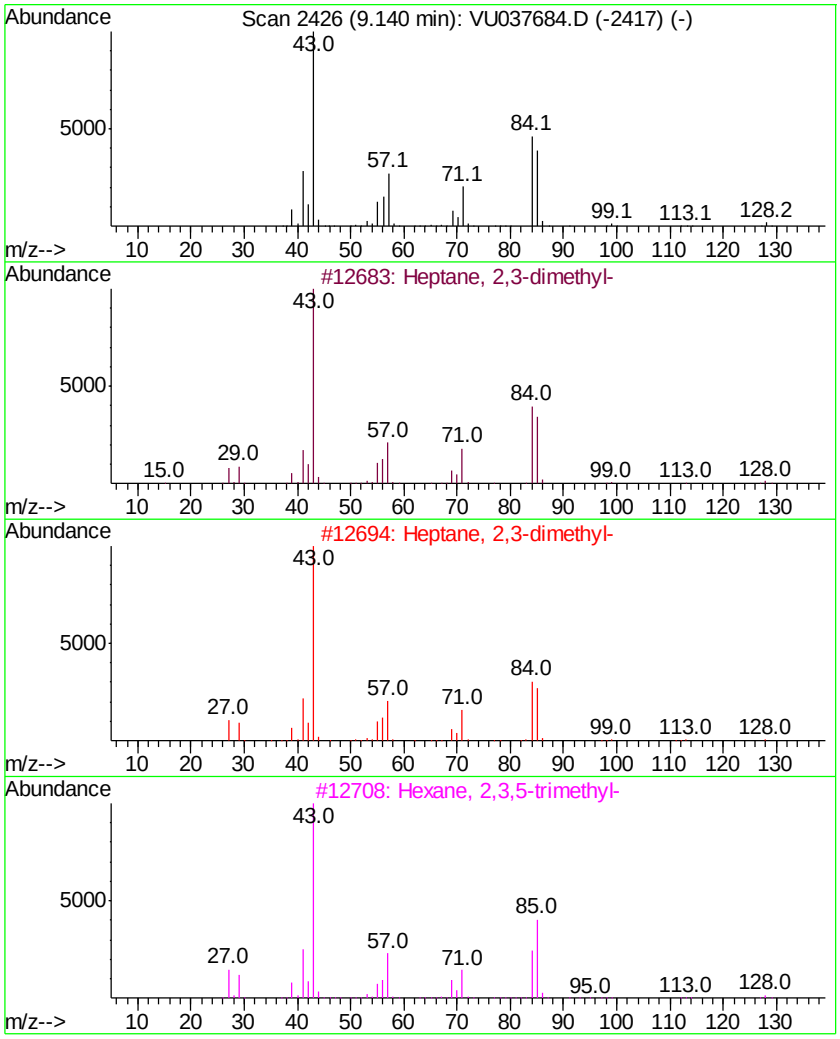
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

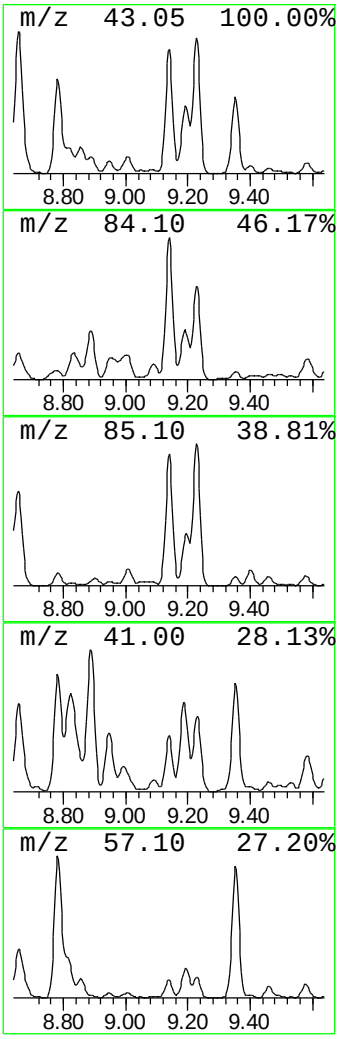
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	99.05 ug/L	4274020	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	81
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	76
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

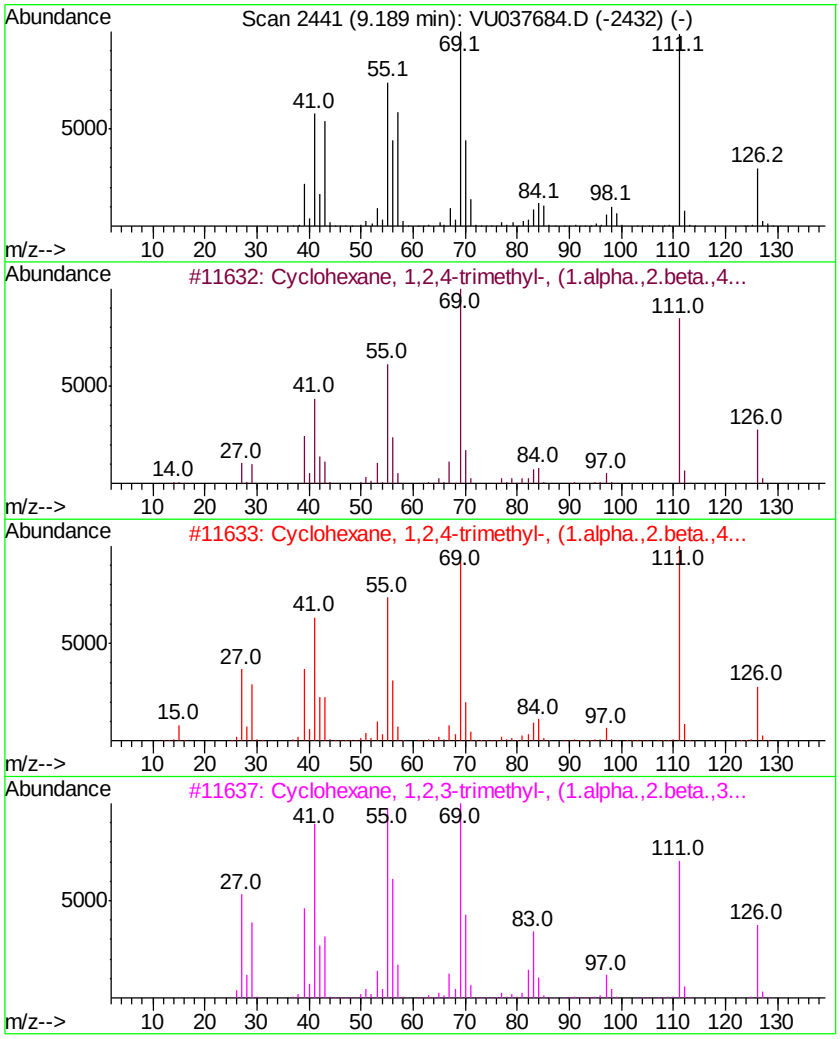
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

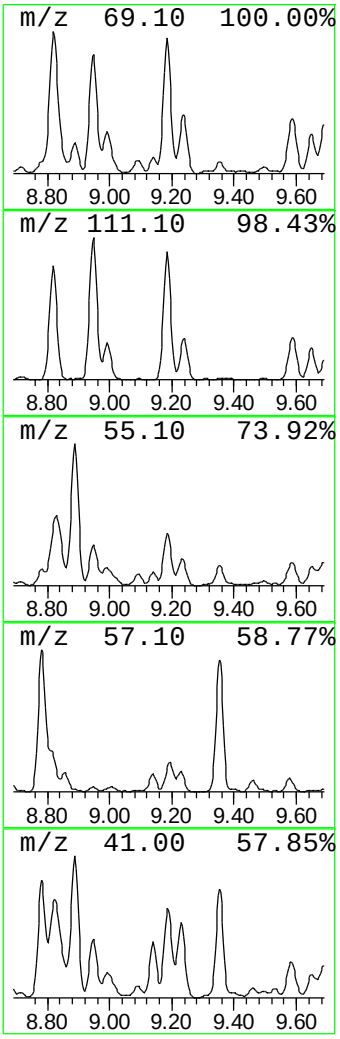
****

Peak Number 26 (DEL) Alkane: Cyclic9.19 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	204.85 ug/L	8839240	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, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	81
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

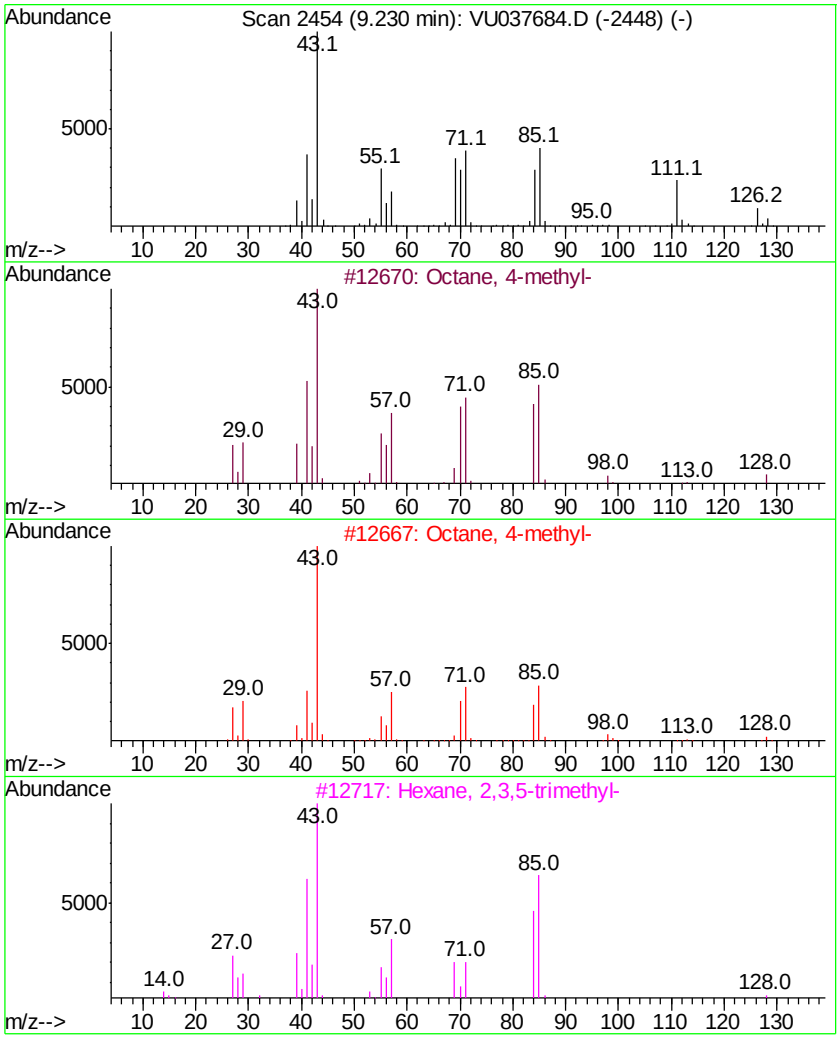
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

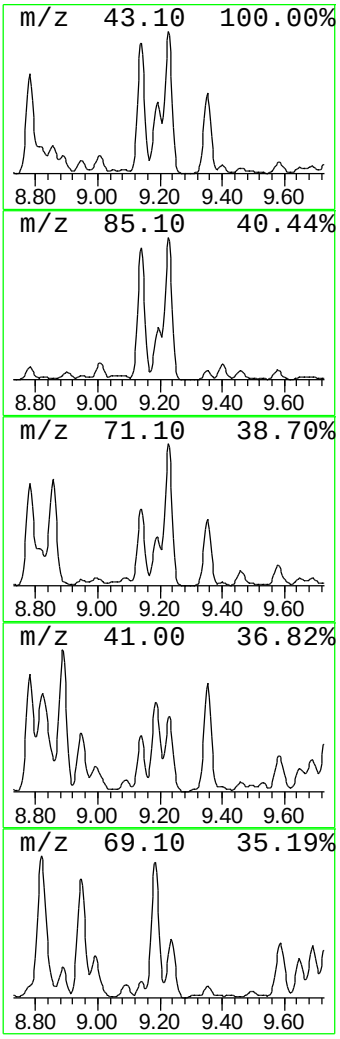
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	161.91 ug/L	6986260	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	76
2	Octane, 4-methyl-	128	C9H20	002216-34-4	62
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	55
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

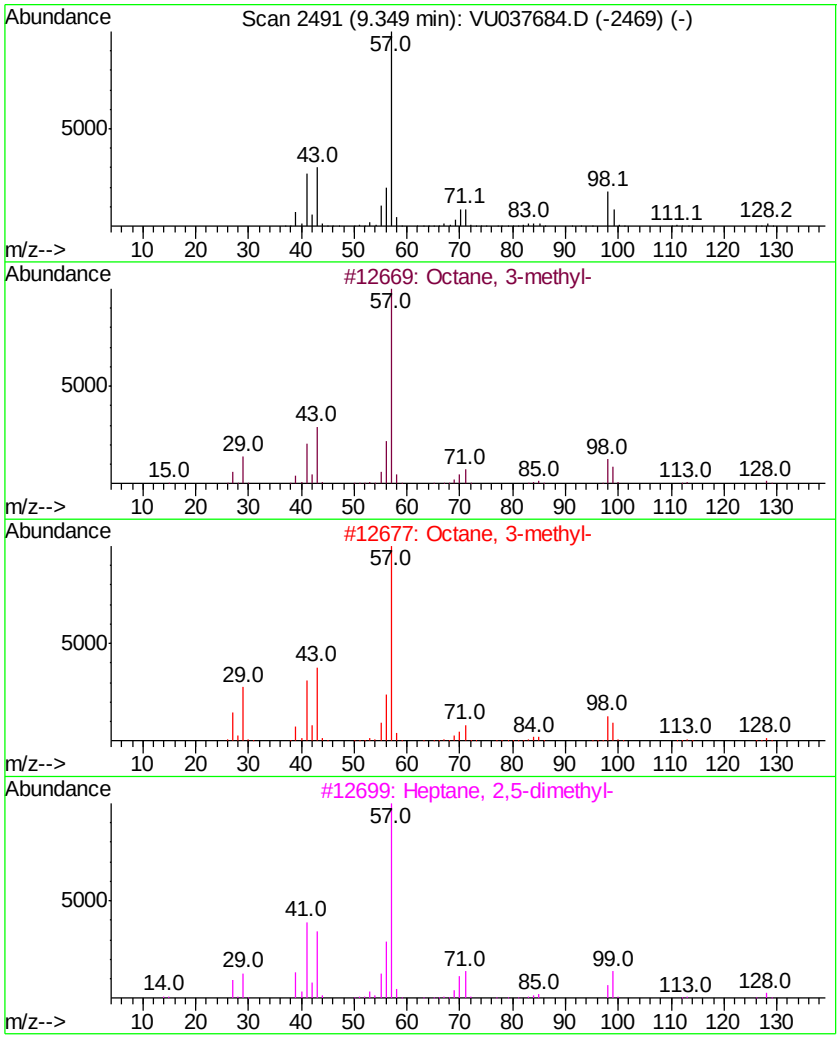
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

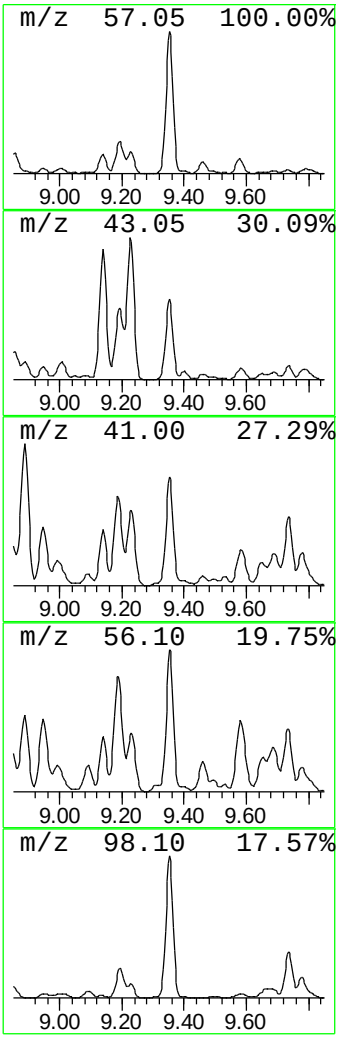
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	185.94 ug/L	8023390	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4	Octane, 3-methyl-	128	C9H20	002216-33-3	80
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

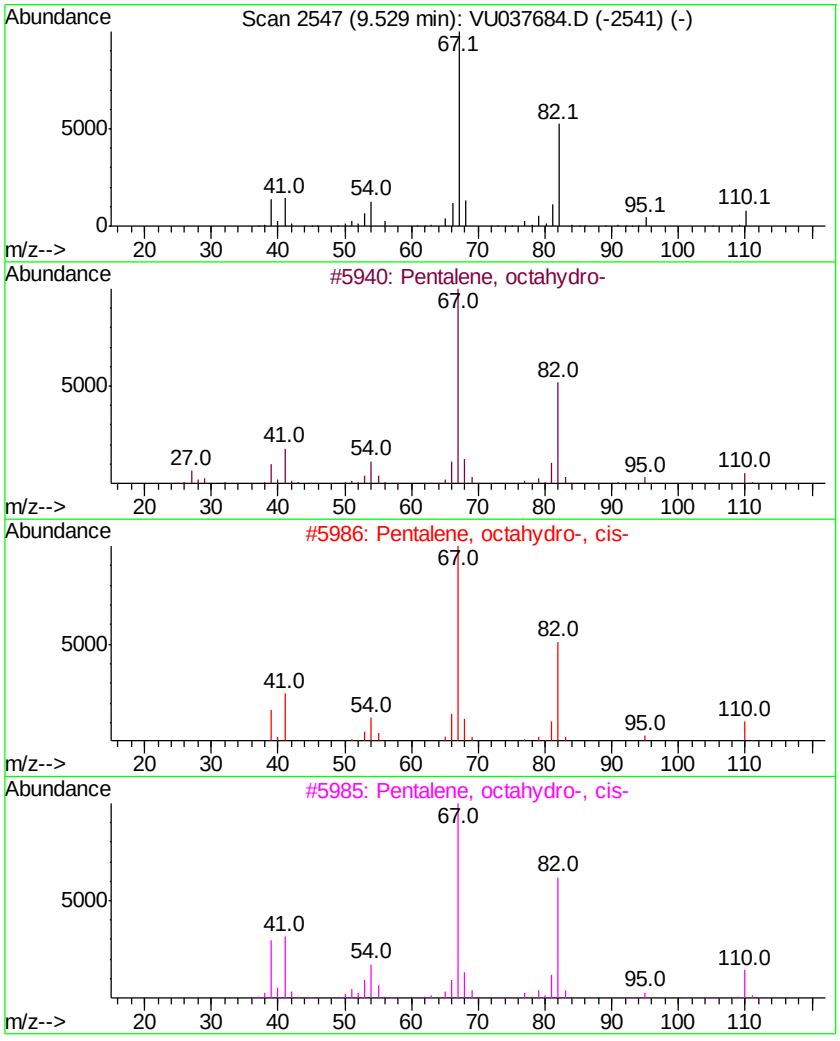
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

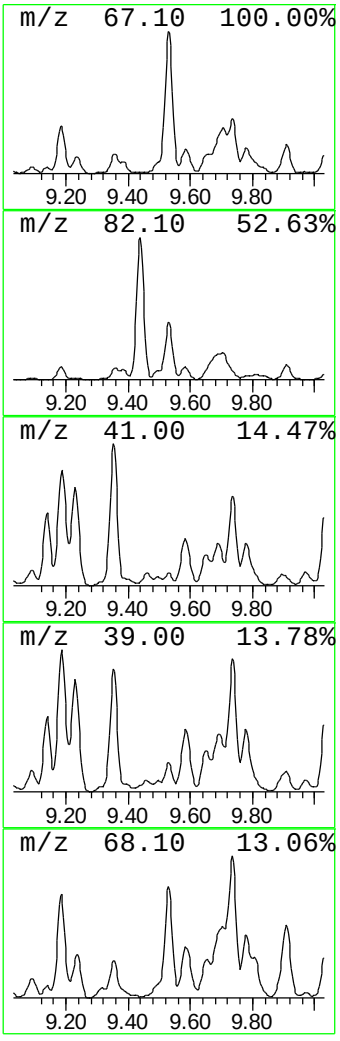
****

Peak Number 29 Pentalene, octahydro- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	13.35 ug/L	575997	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	90
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
5	4-Hexen-1-ol, (4E)-, acetate	142	C8H14O2	1000352-71-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

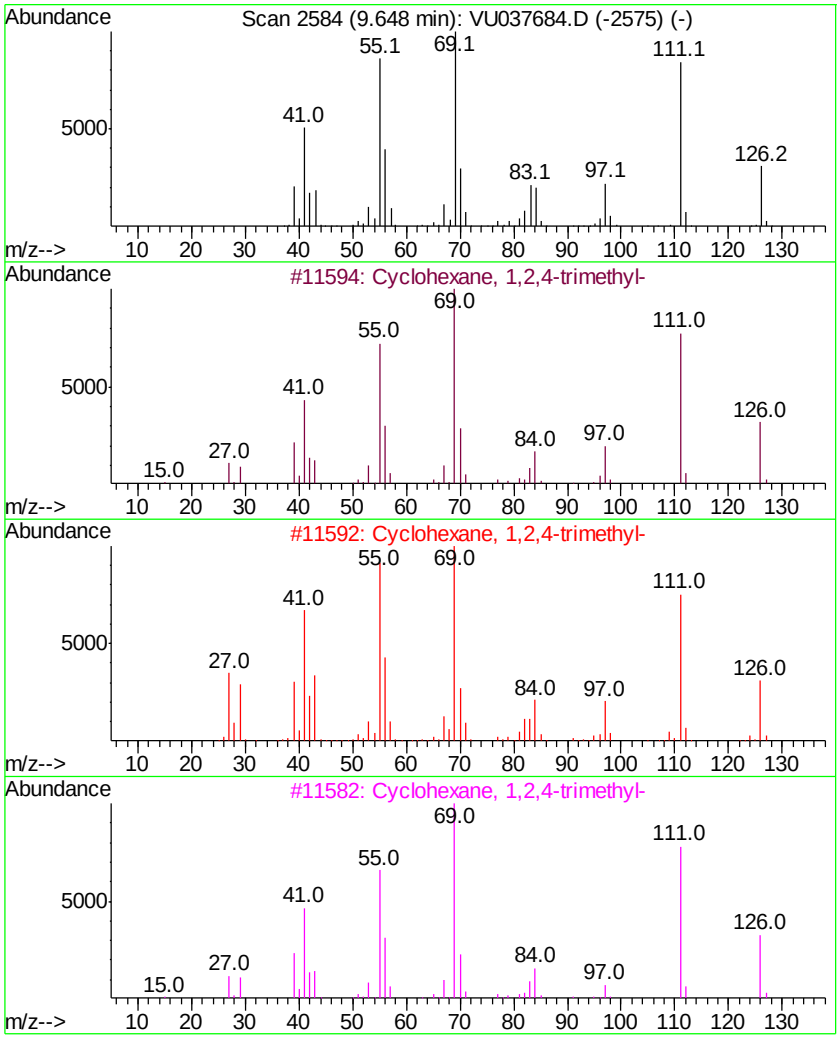
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

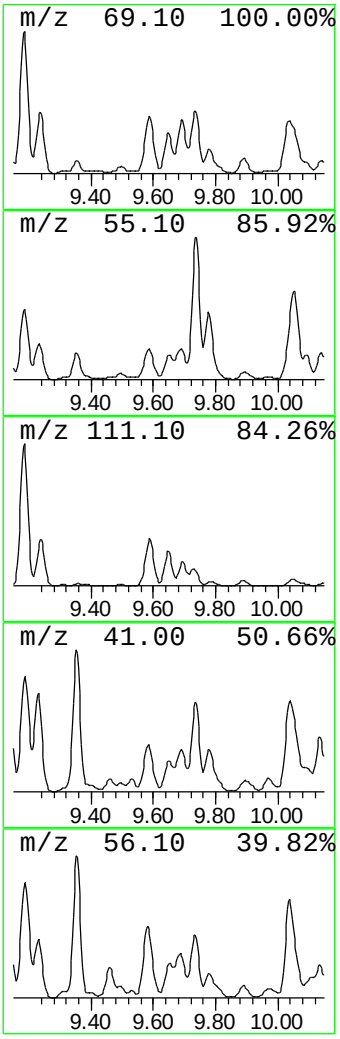
****

Peak Number 30 (DEL) Alkane: Cyclic9.65 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	47.51 ug/L	2050010	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	95
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	94
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	76
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

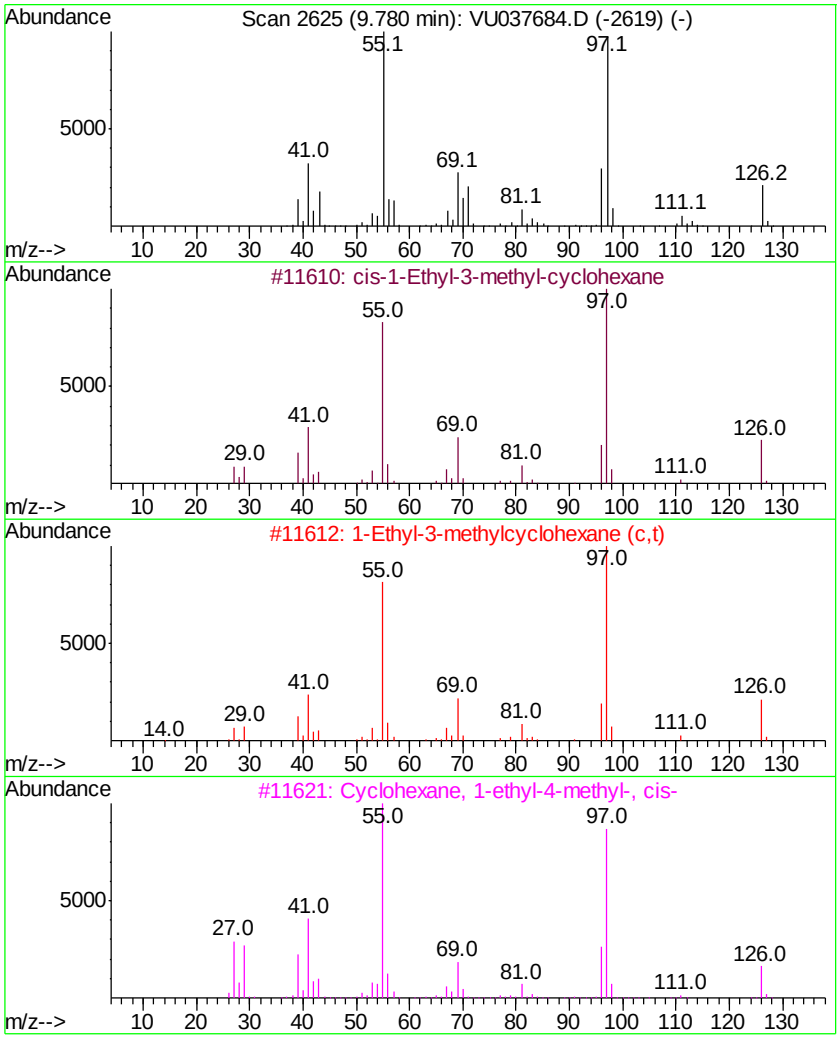
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

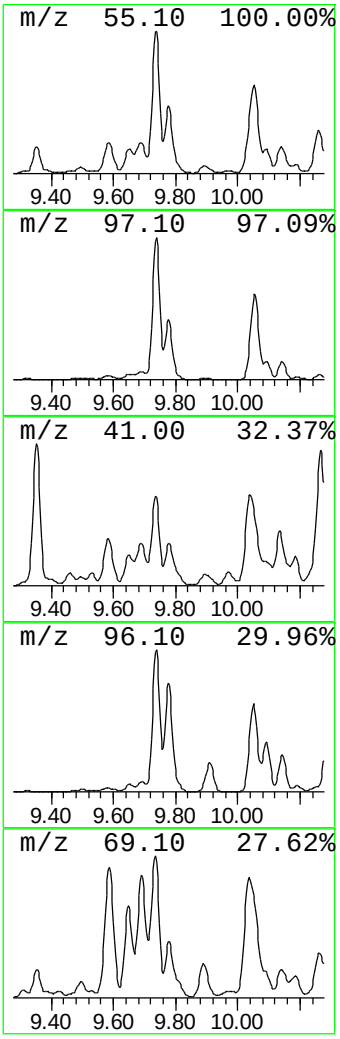
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	97.89 ug/L	4223900	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	93
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	93
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	81
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	81
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

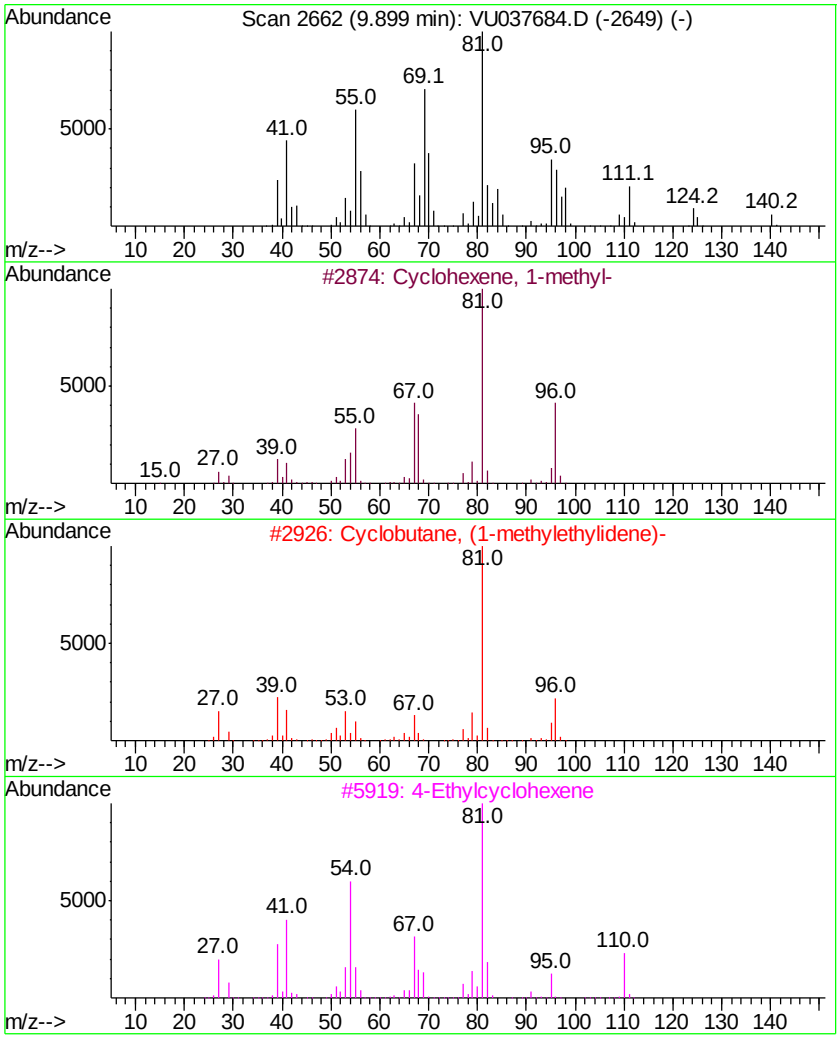
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

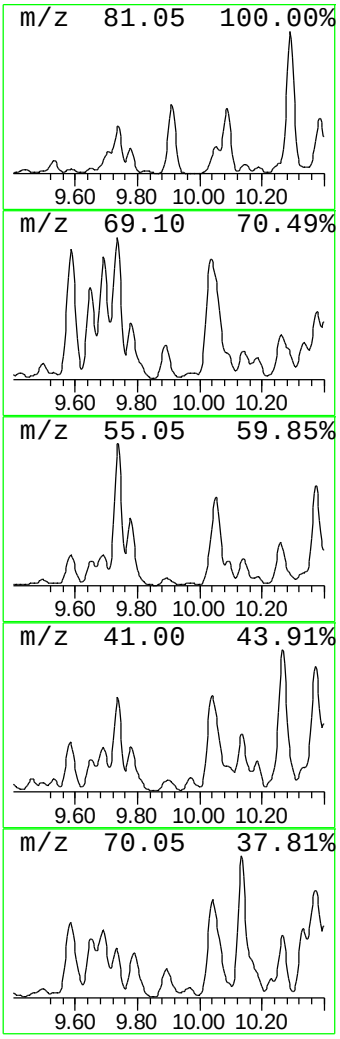
****

Peak Number 32 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	34.19 ug/L	1475460	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	38
4	trans-4-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-8	38
5	4-Ethylcyclohexene	110	C8H14	003742-42-5	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

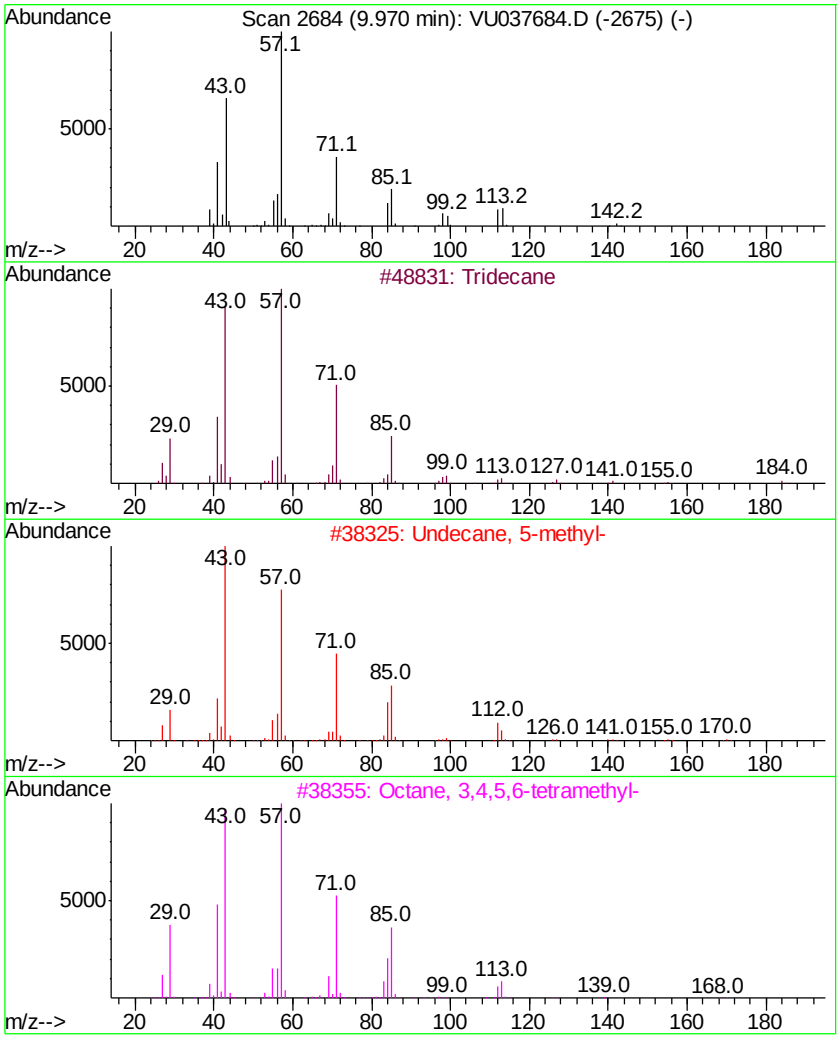
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

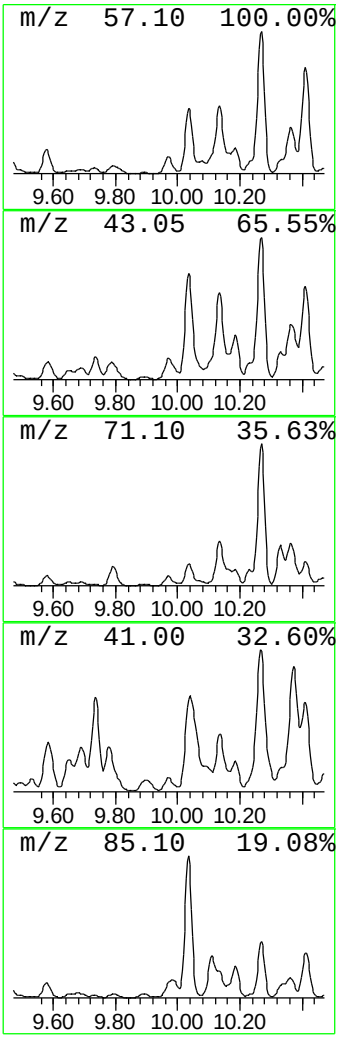
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	18.94 ug/L	817074	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	59
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

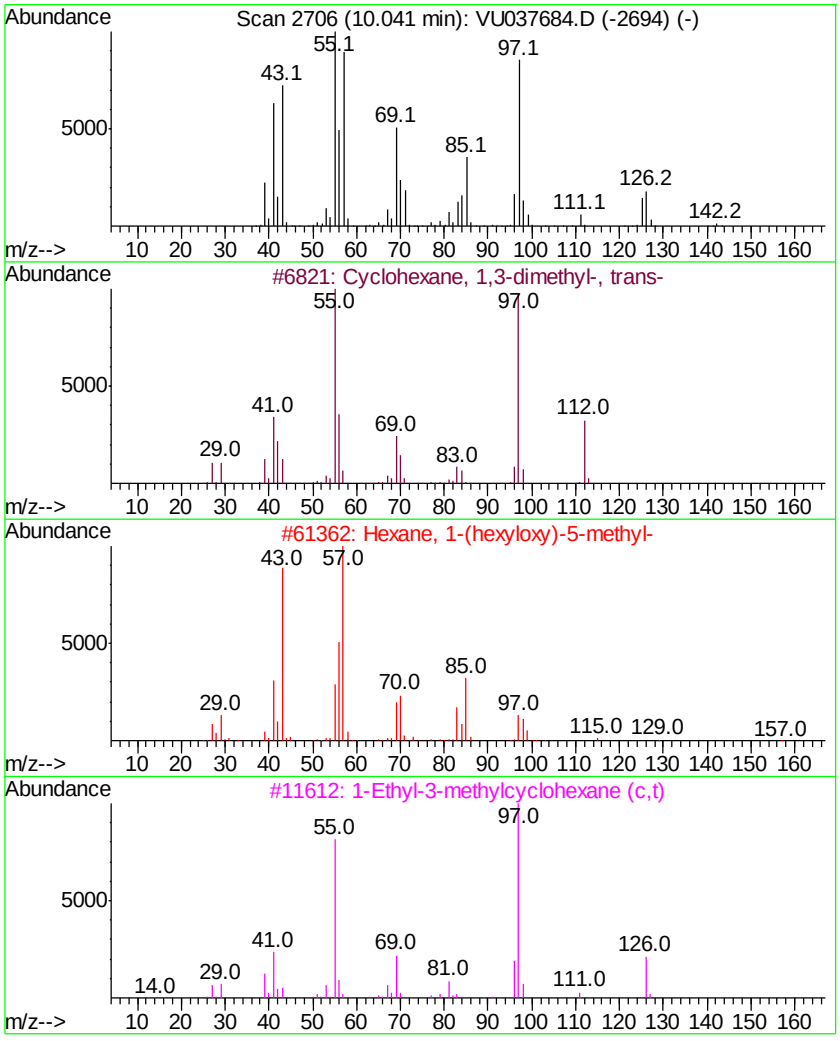
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

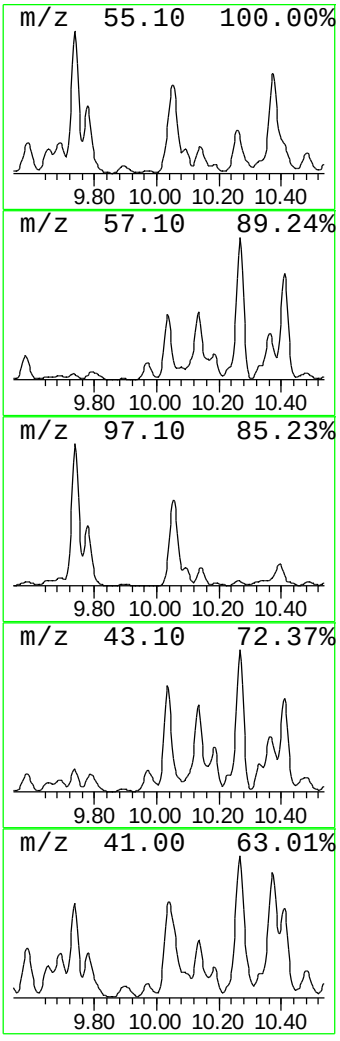
****

Peak Number 34 (DEL) Alkane: Cyclic10.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	223.47 ug/L	9642600	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
2	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	46
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	45
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

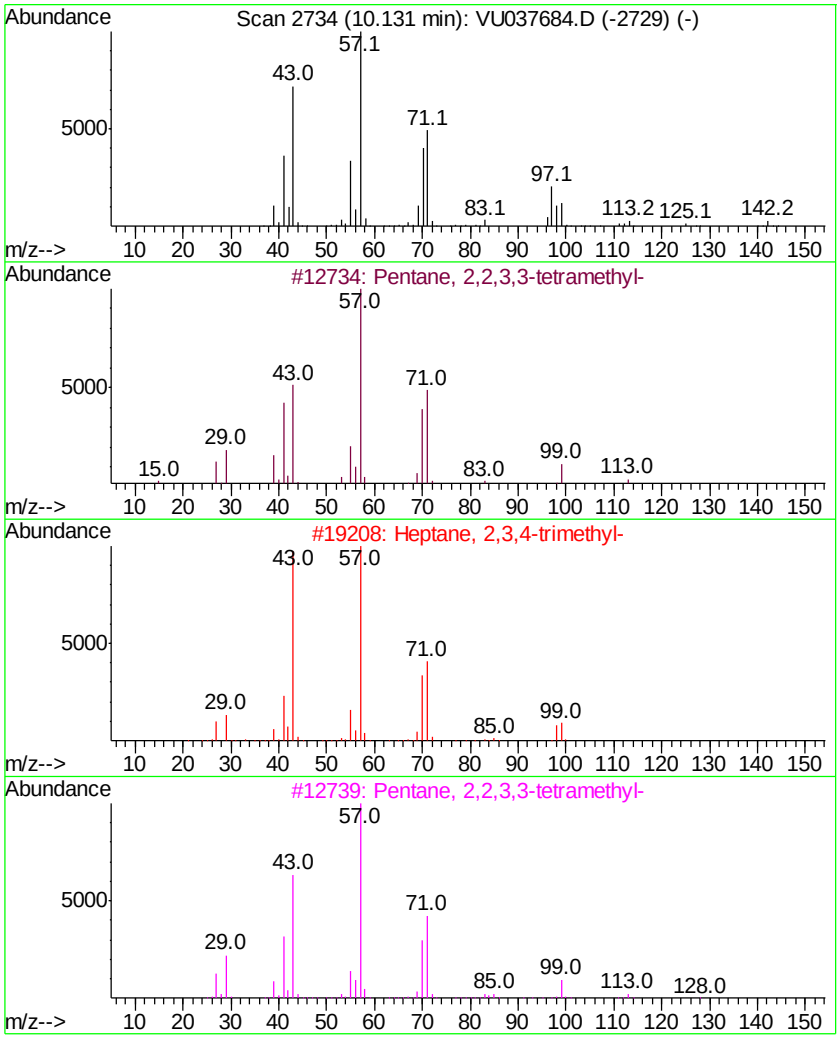
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

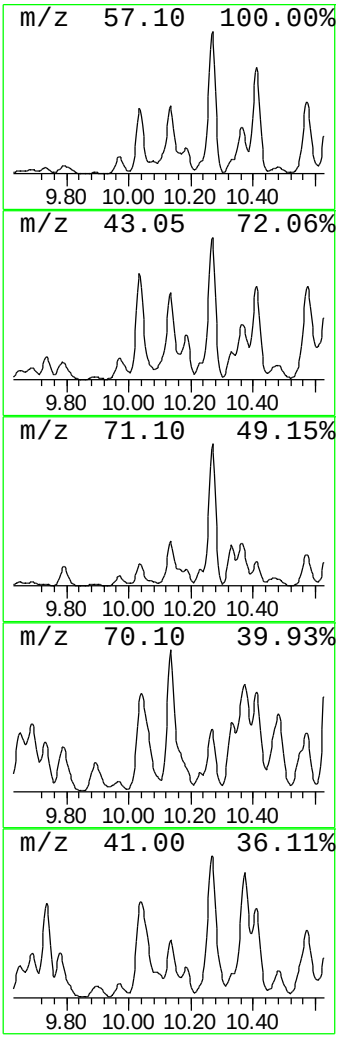
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	51.16 ug/L	2207340	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	52
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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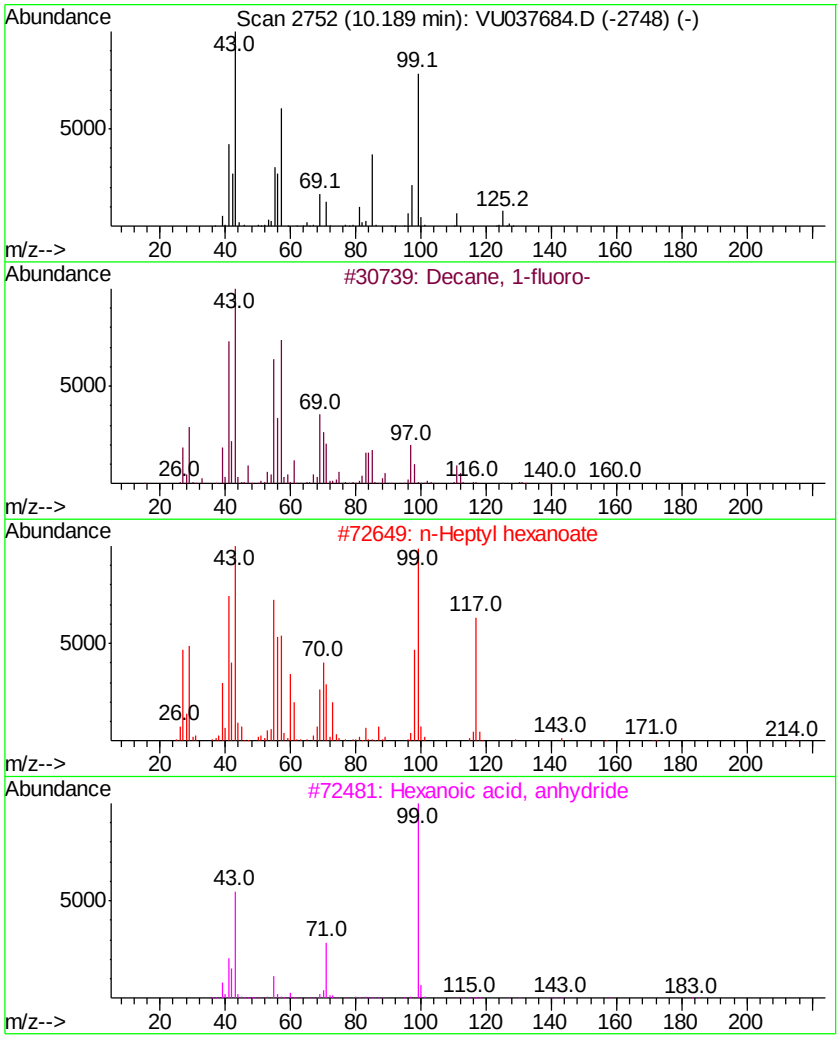
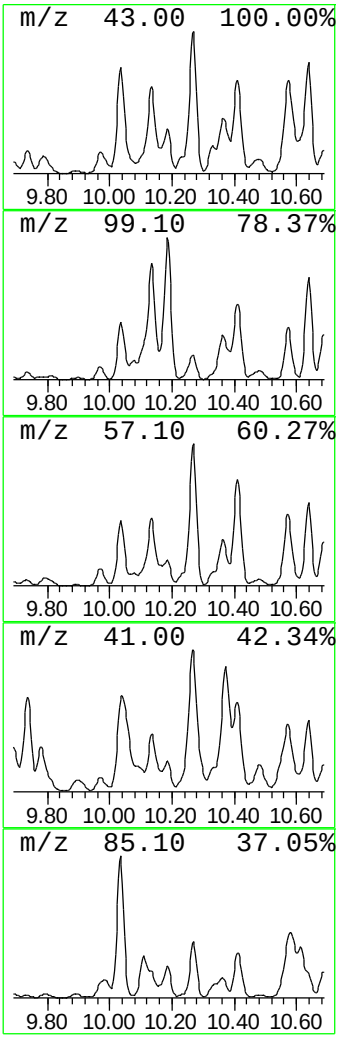
Peak Number 36 unknown-02 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	25.20 ug/L	1087350	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-fluoro-	160	C10H21F	000334-56-5	47
2	n-Heptyl hexanoate	214	C13H26O2	006976-72-3	40
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	38
4	Hexanoyl chloride	134	C6H11ClO	000142-61-0	38
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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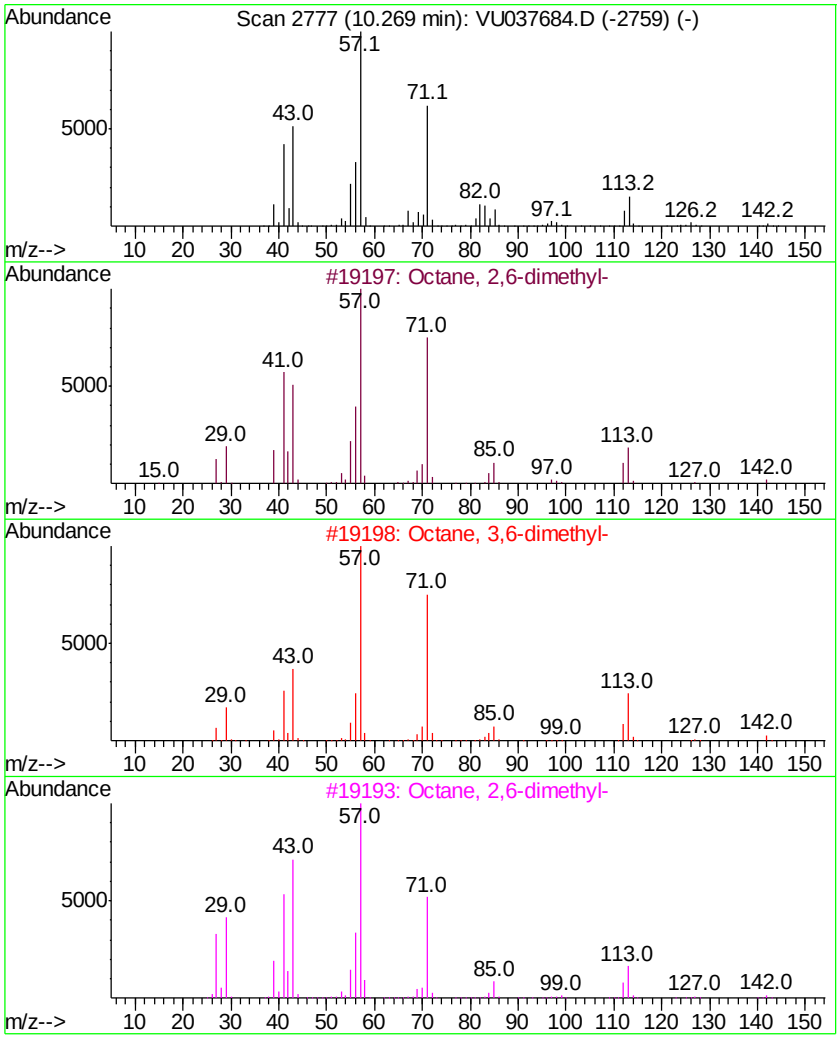
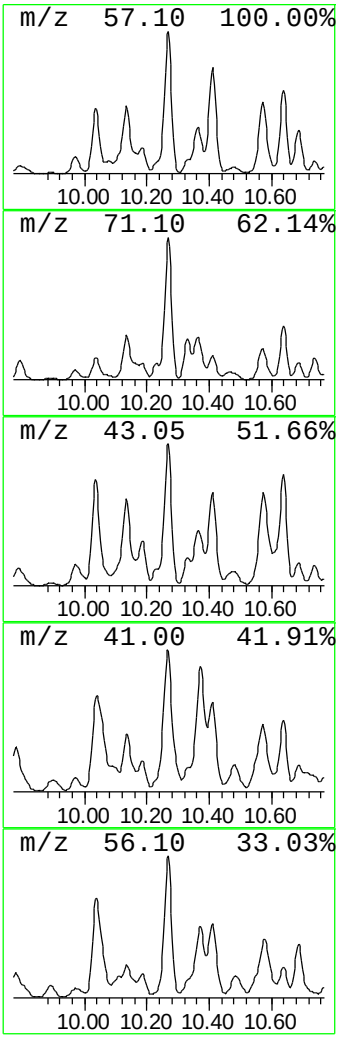
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	259.88 ug/L	11213600	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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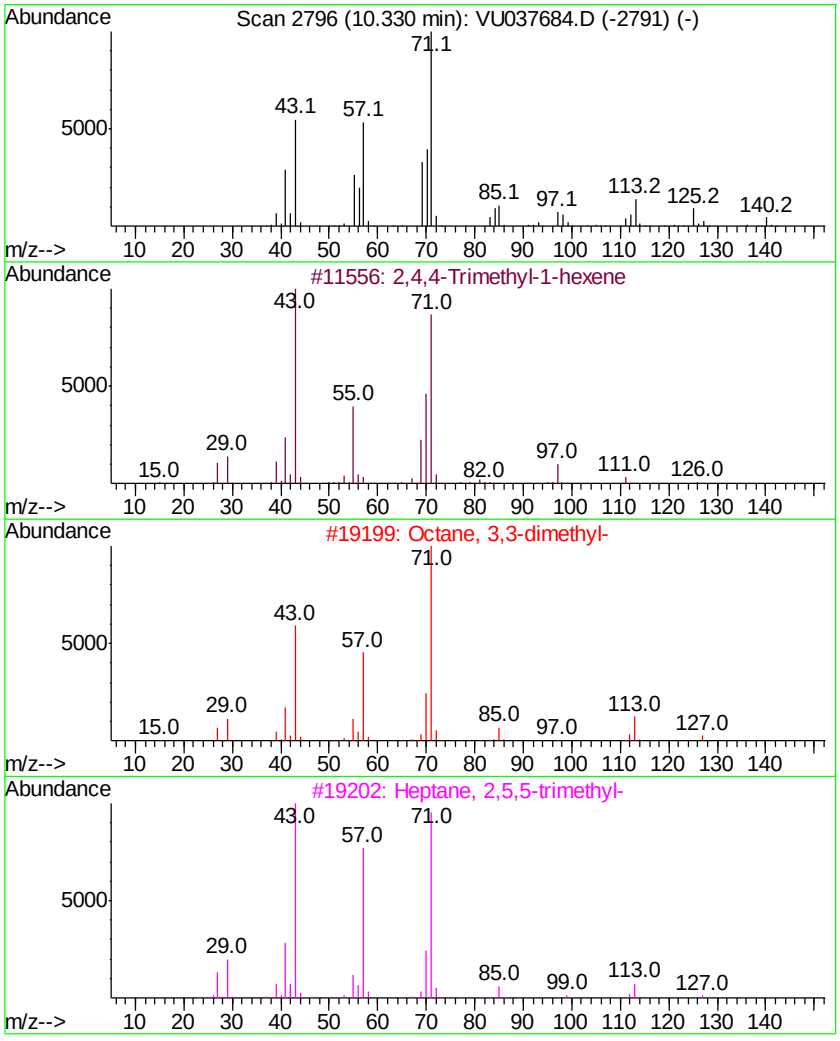
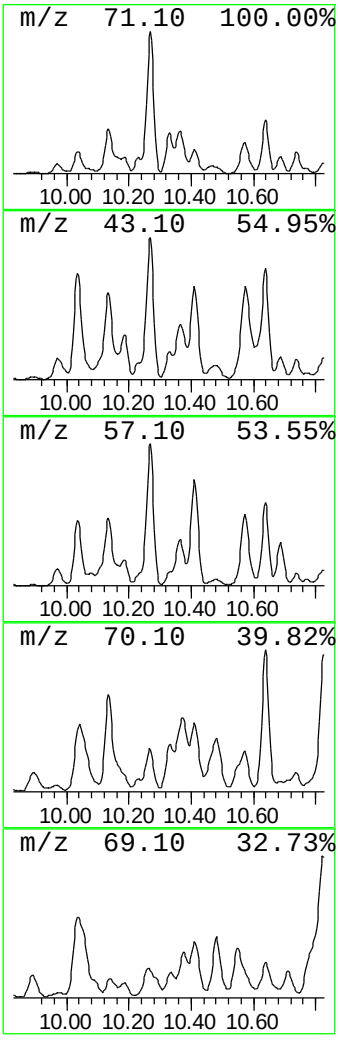
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	13.81 ug/L	595750	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	50
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47
3	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	47
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

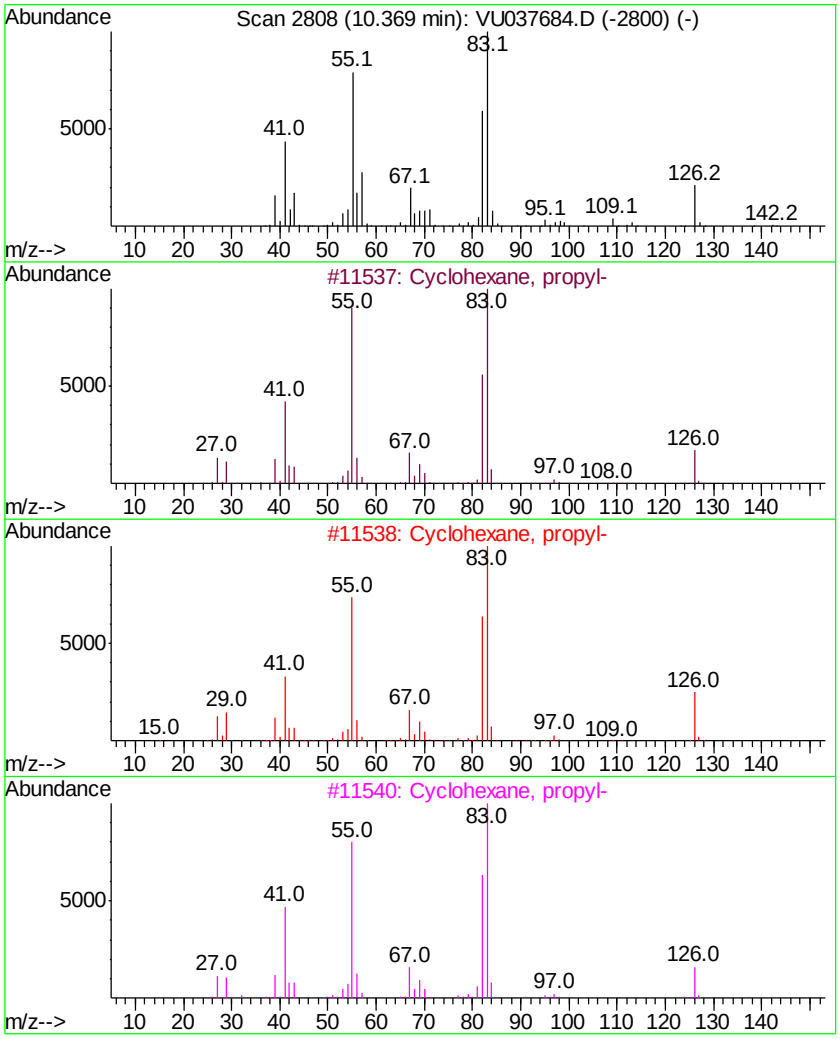
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

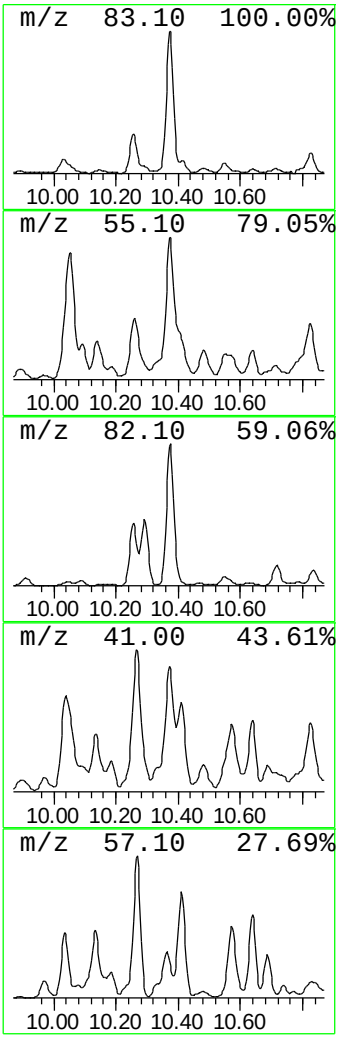
****

Peak Number 39 (DEL) Alkane: Cyclic10.37 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	153.88 ug/L	6639900	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	95
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	94
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	94
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

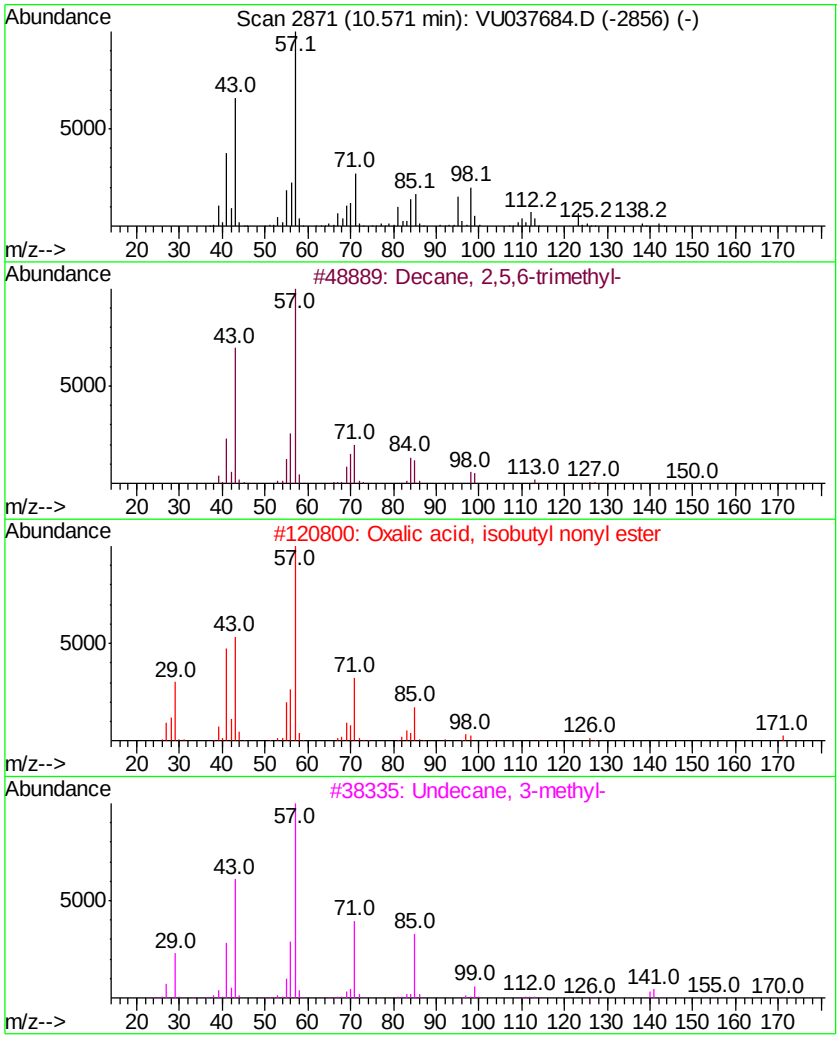
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

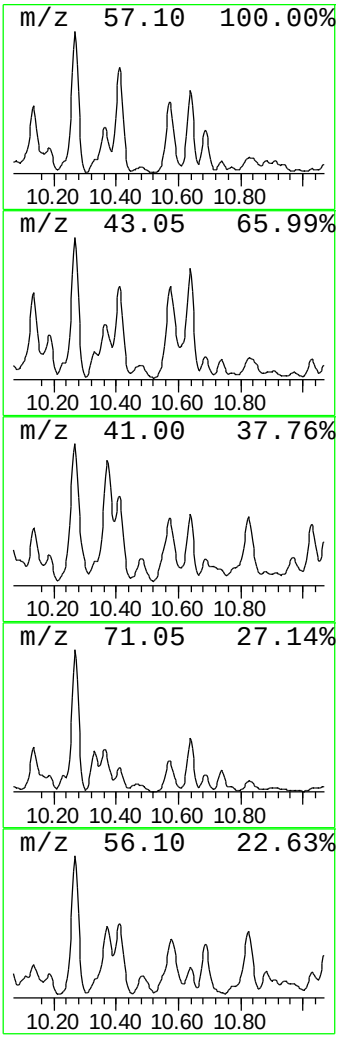
****

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	137.73 ug/L	5942960	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	49
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	43
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

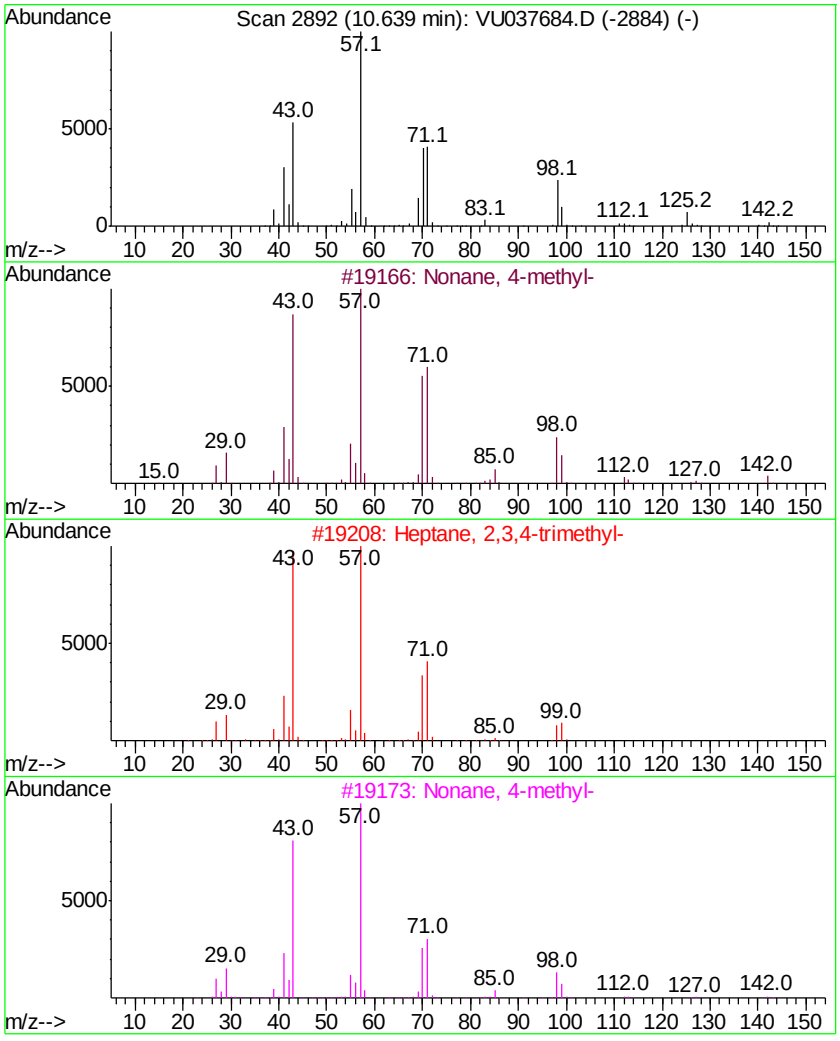
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

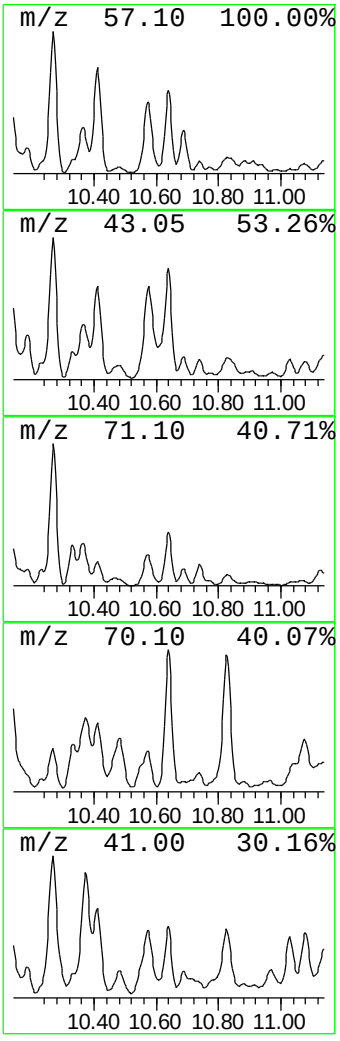
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	34.98 ug/L	3797120	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	56
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

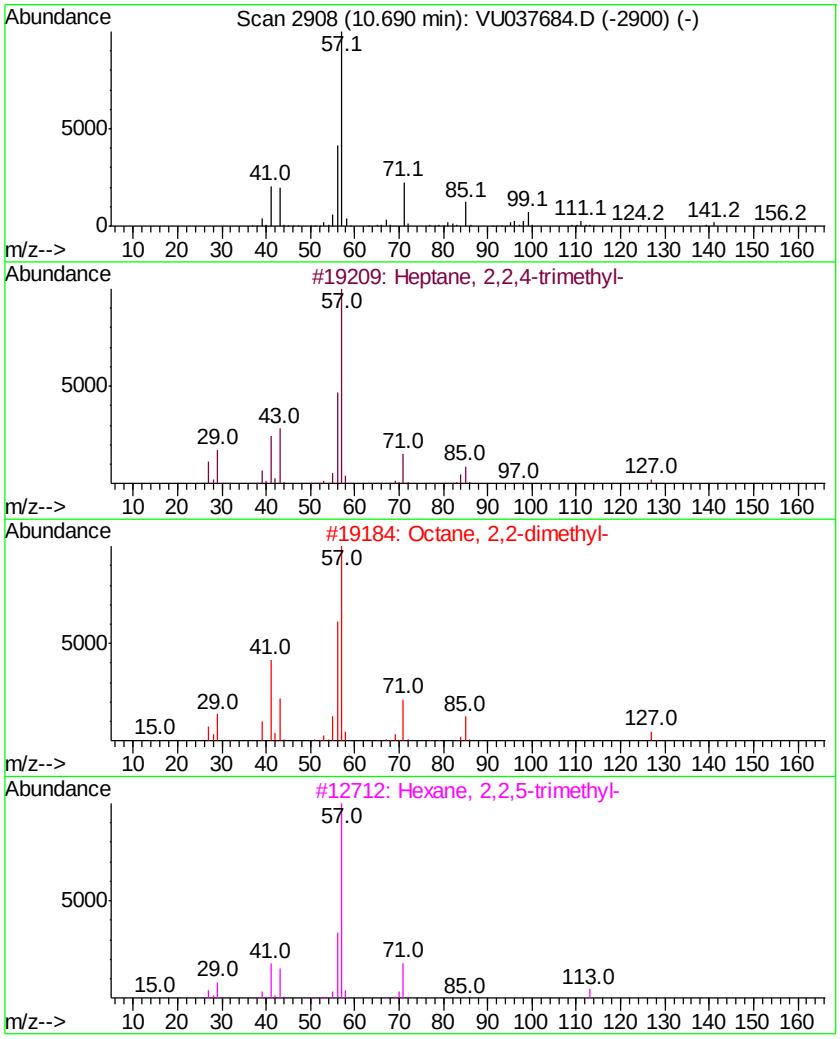
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

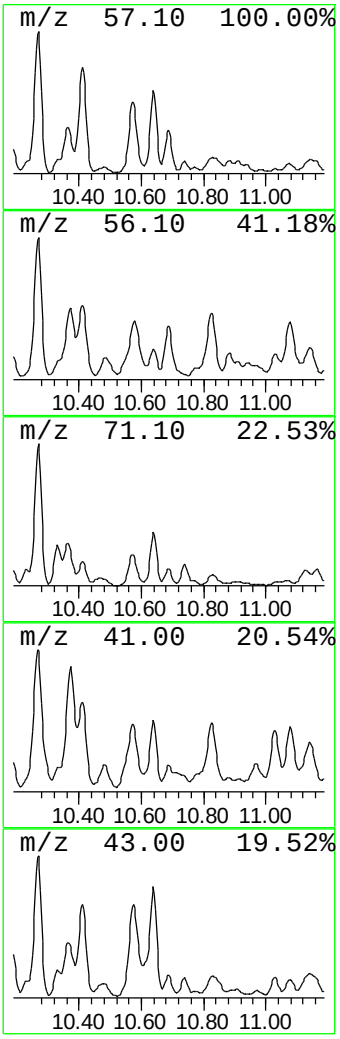
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	8.27 ug/L	897657	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	64
2	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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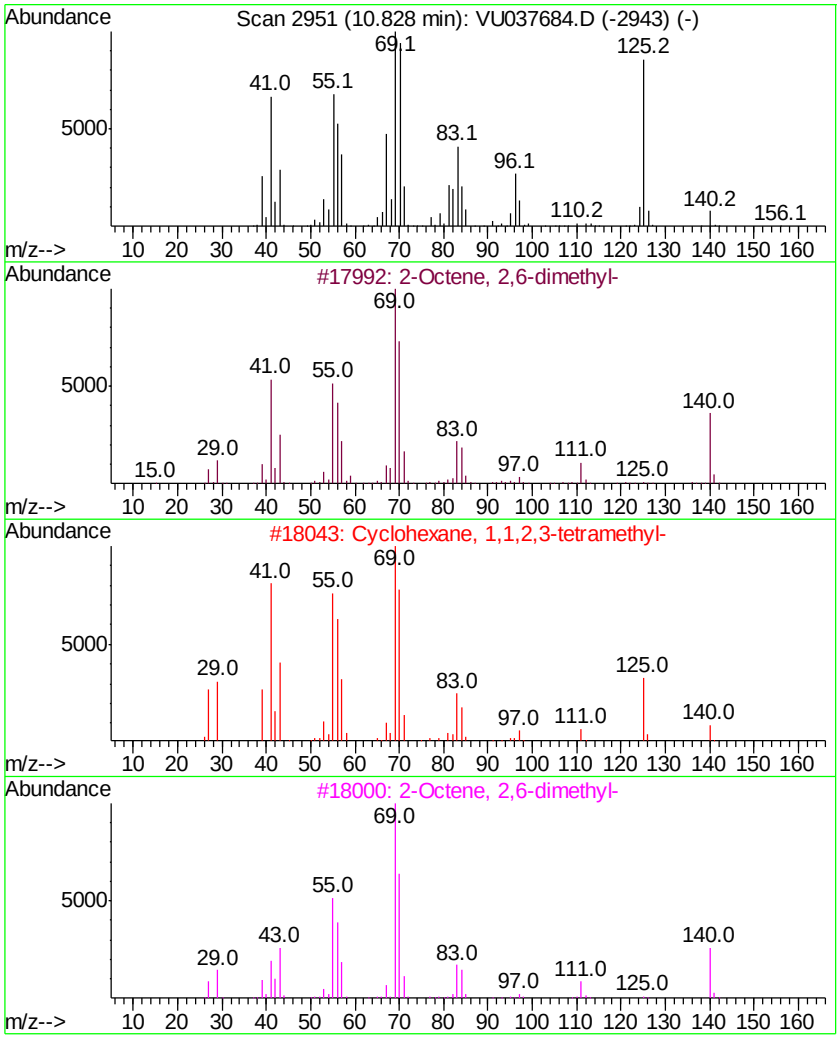
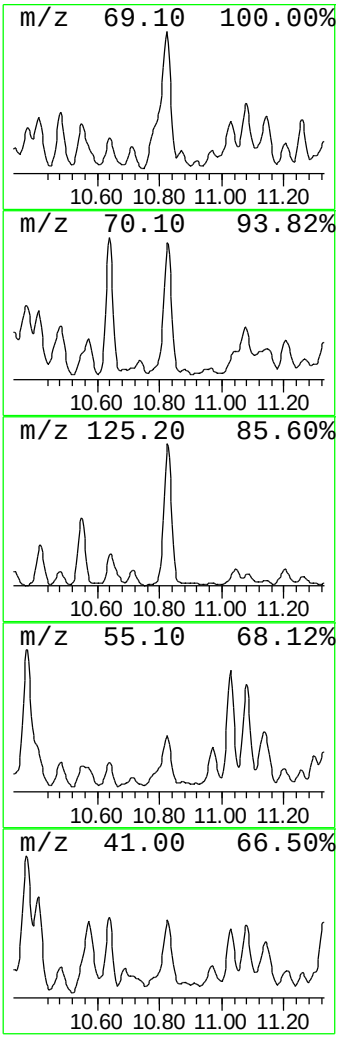
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	41.22 ug/L	4474820	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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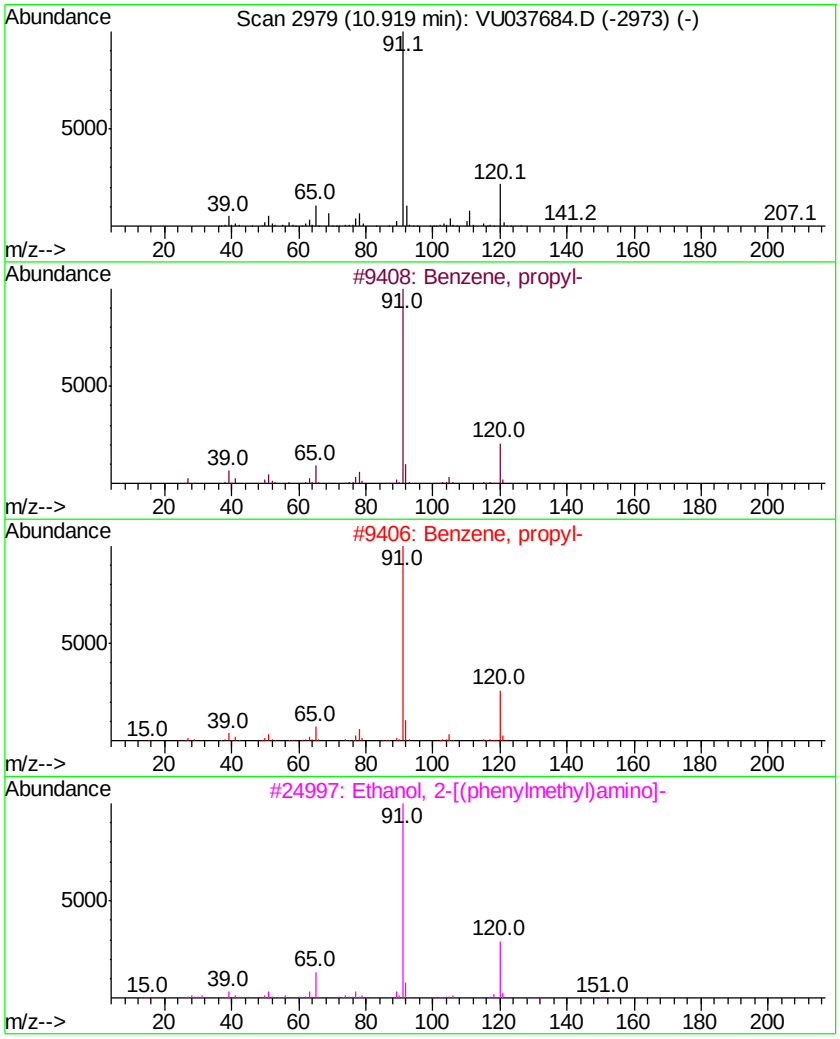
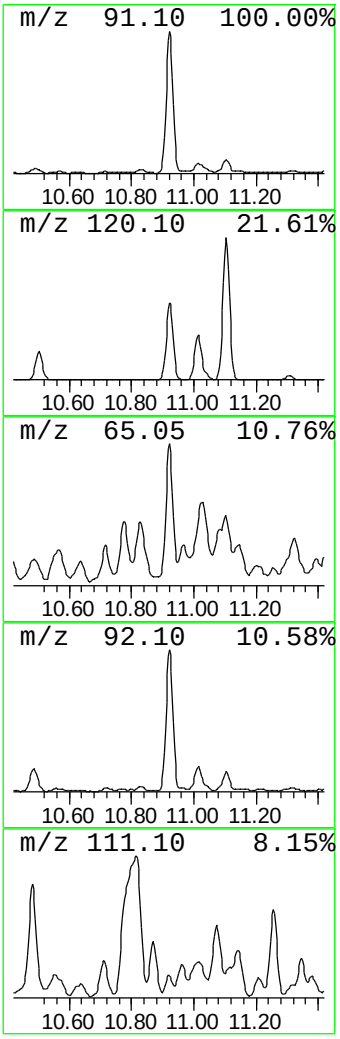
Peak Number 44 Benzene, propyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	5.93 ug/L	643732	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	80
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

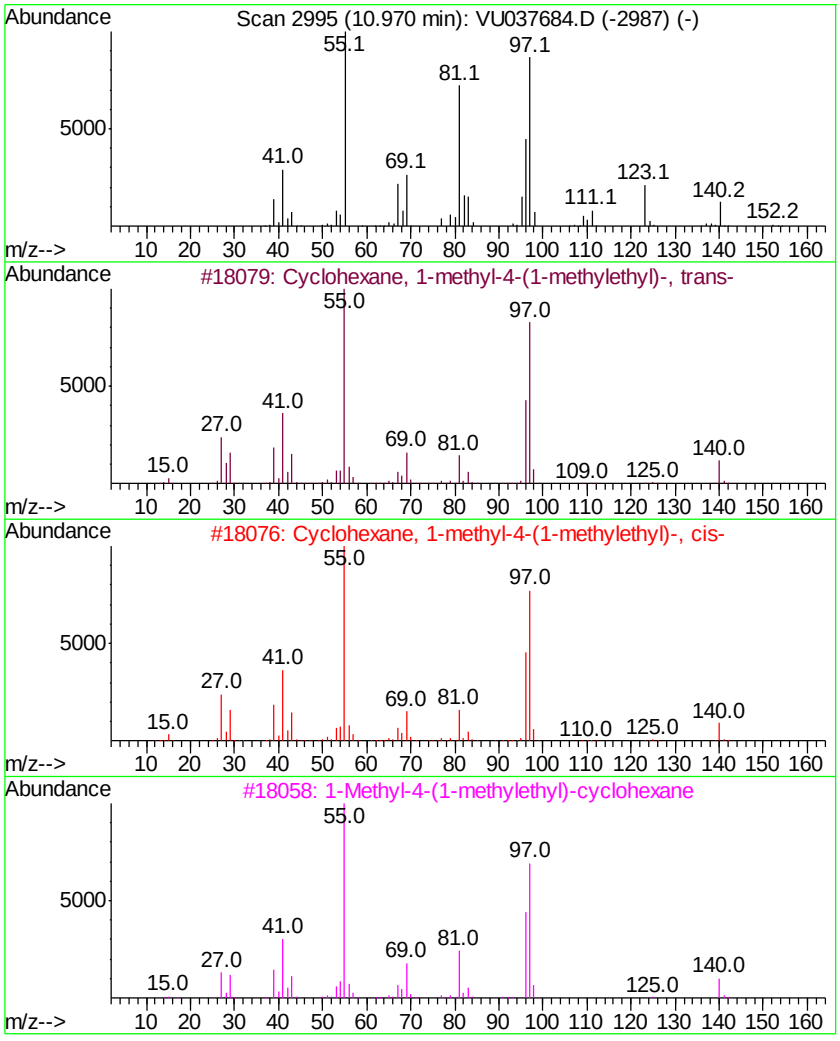
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

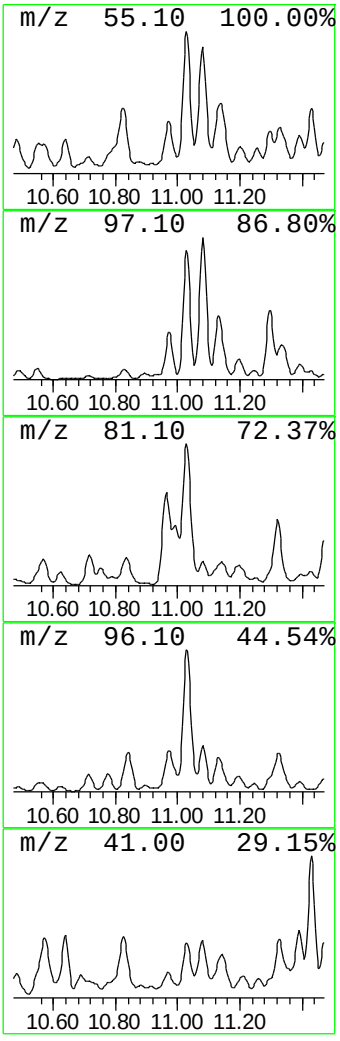
****

Peak Number 45 (DEL) Alkane: Cyclic10.97 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	14.28 ug/L	1550130	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	58
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

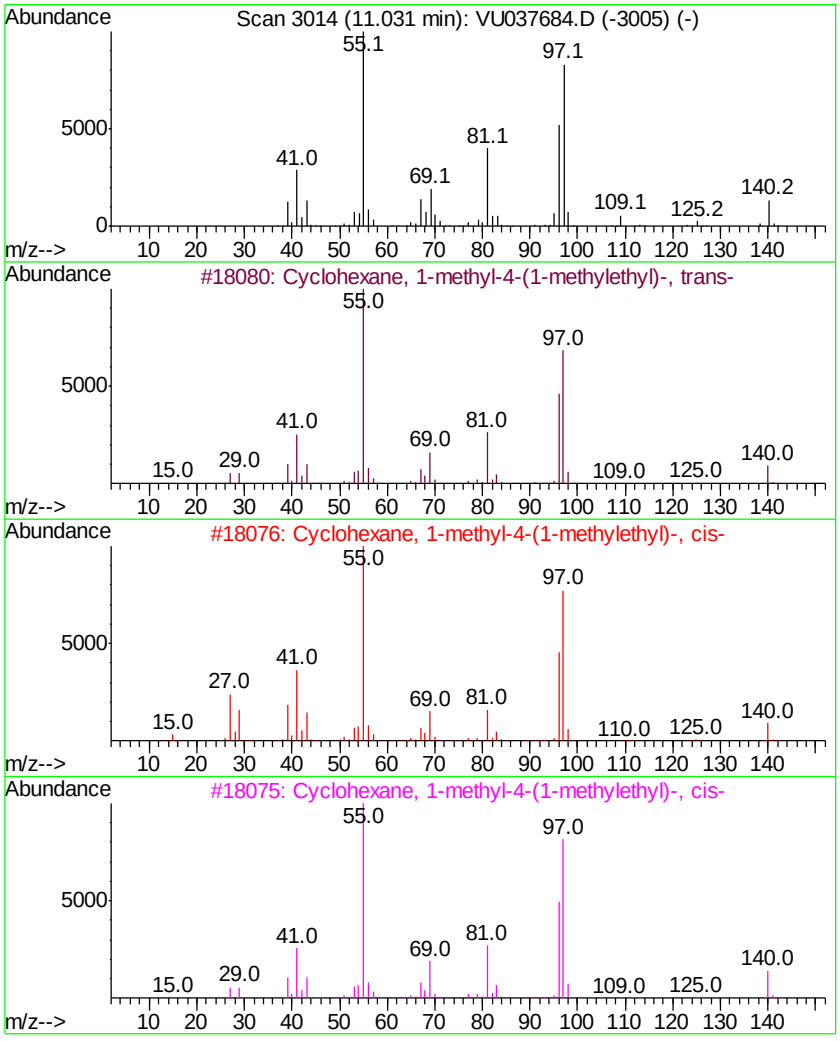
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

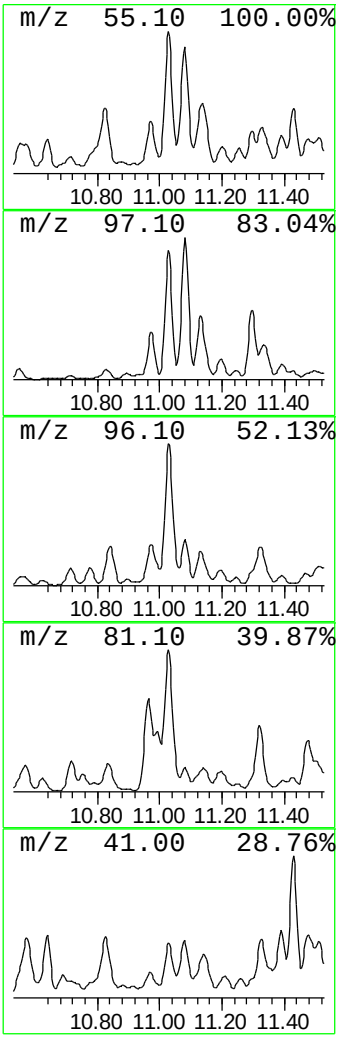
****

Peak Number 46 (DEL) Alkane: Cyclic11.03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	35.58 ug/L	3862560	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	93
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	91
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	90
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

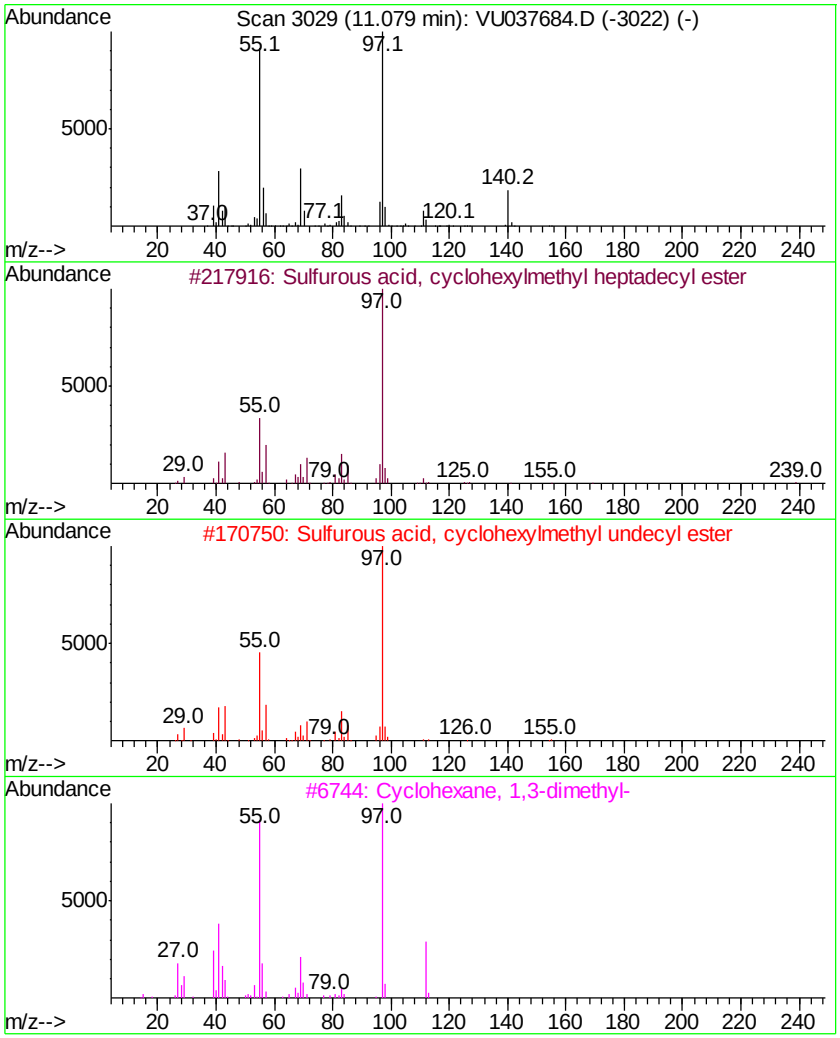
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

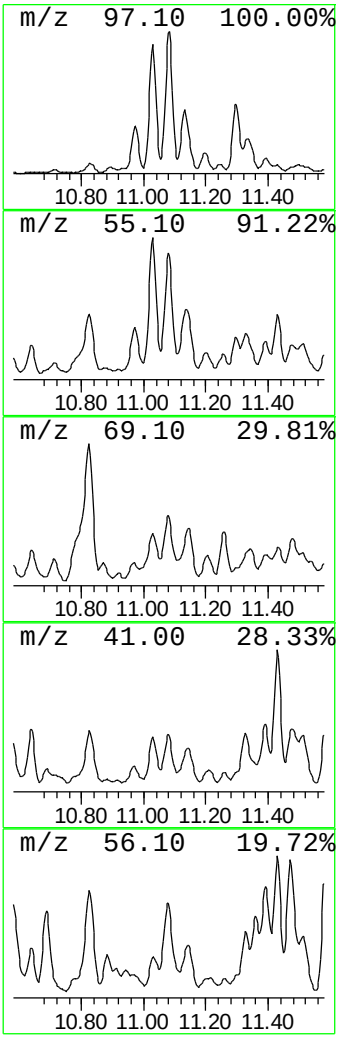
****

Peak Number 47 Sulfurous acid, cyclohexylm... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	27.64 ug/L	2999890	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	72
2	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	59
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

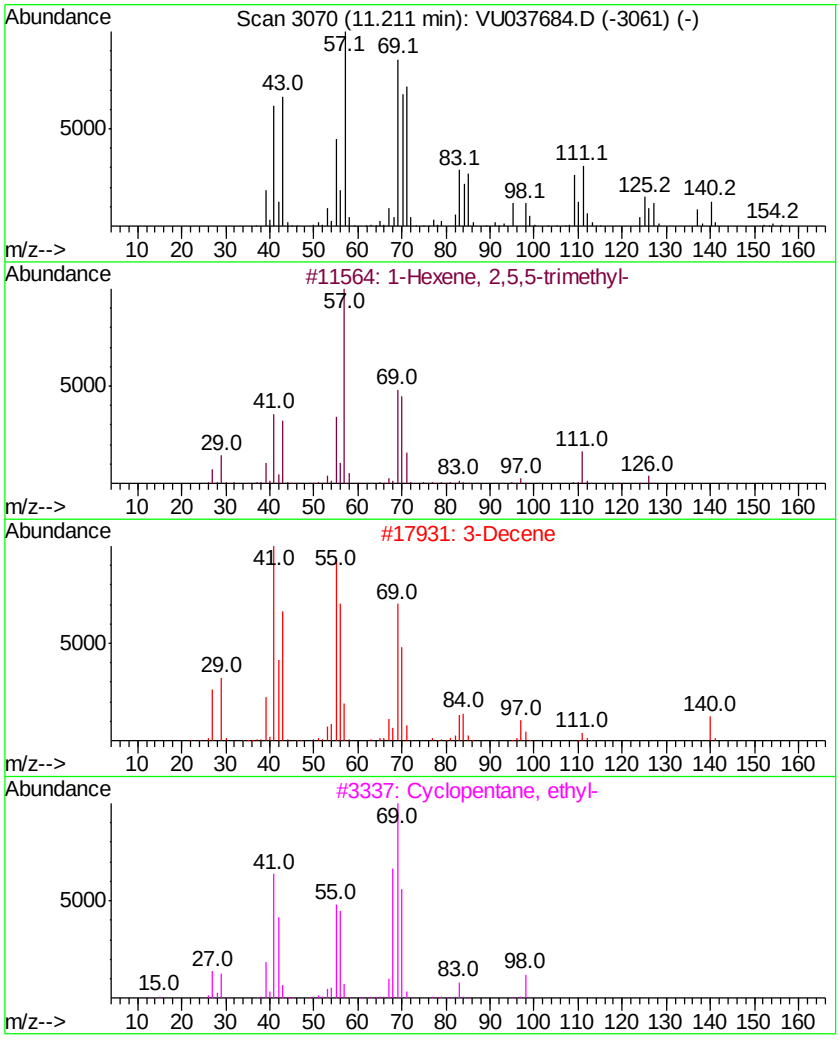
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

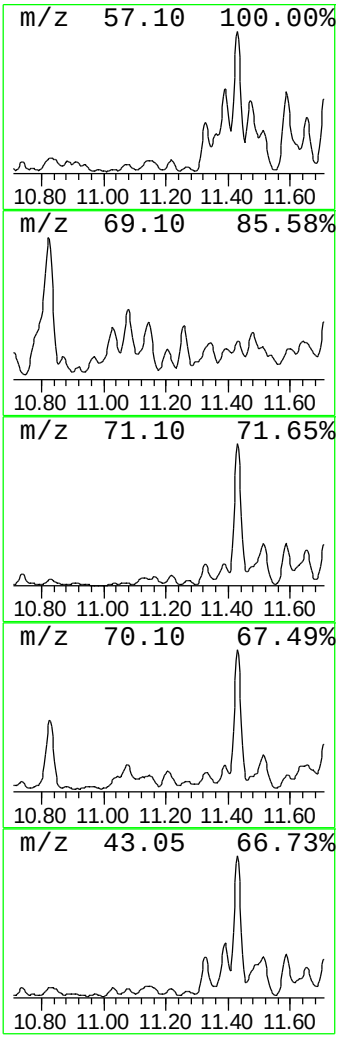
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	10.79 ug/L	1171530	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	49
2	3-Decene	140	C10H20	019398-37-9	49
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	38
5	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

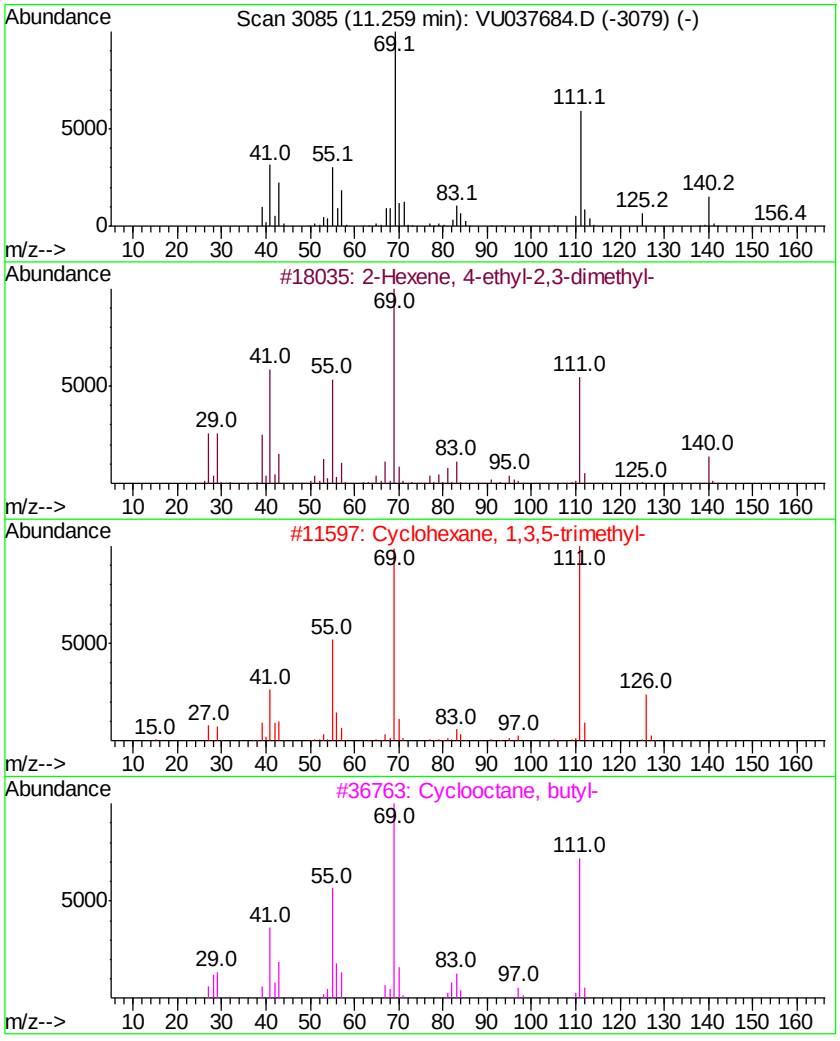
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

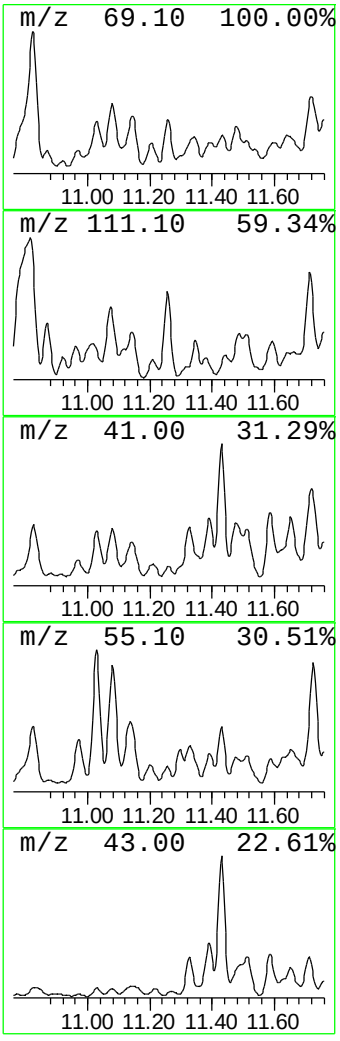
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.45 ug/L	591600	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	72
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	64
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	59
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

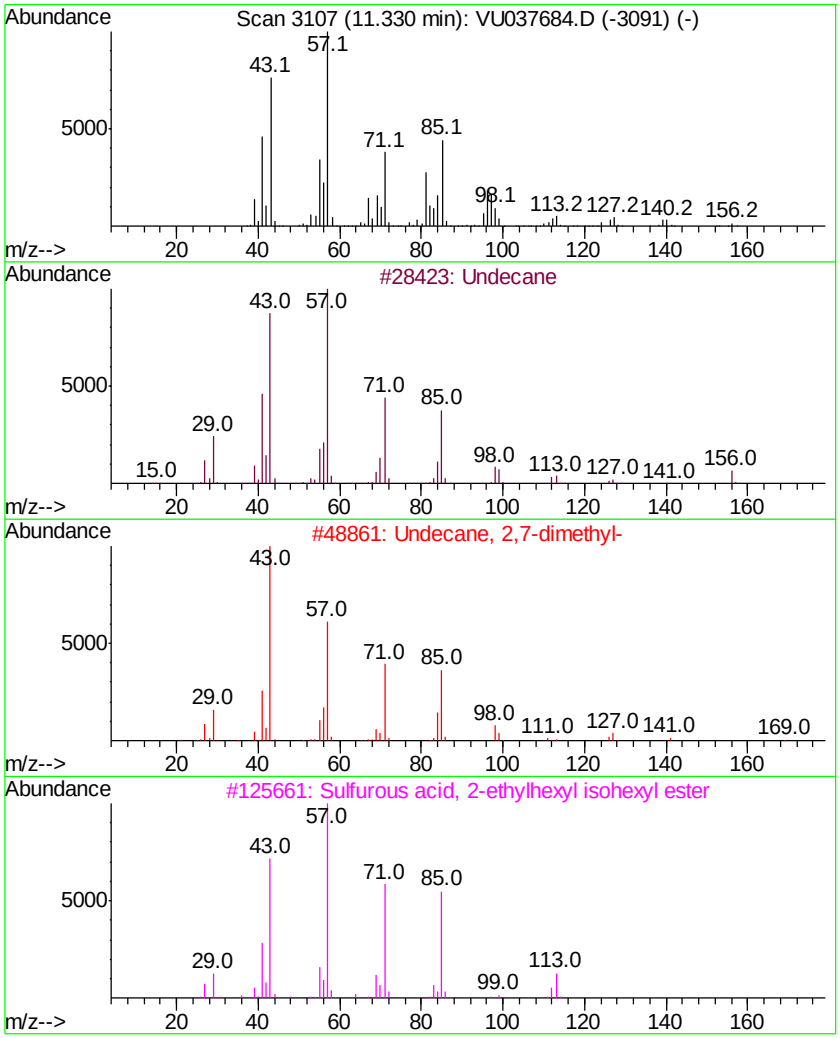
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

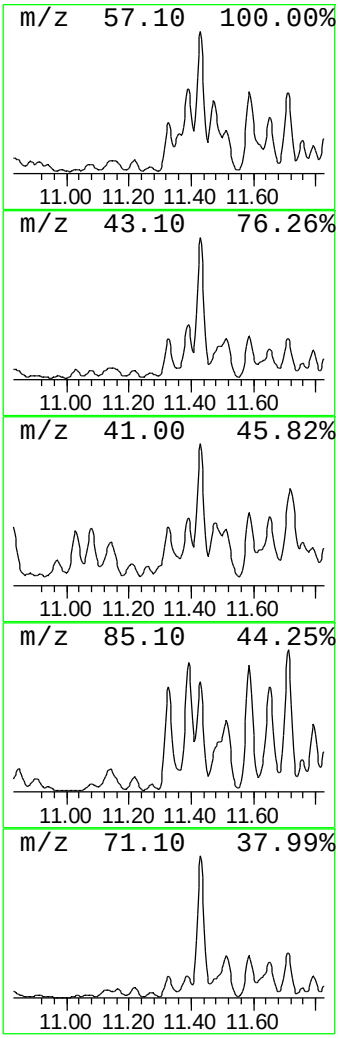
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	47.68 ug/L	5175460	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	72
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	58
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	49
4	1-Iodoundecane	282	C11H23I	004282-44-4	47
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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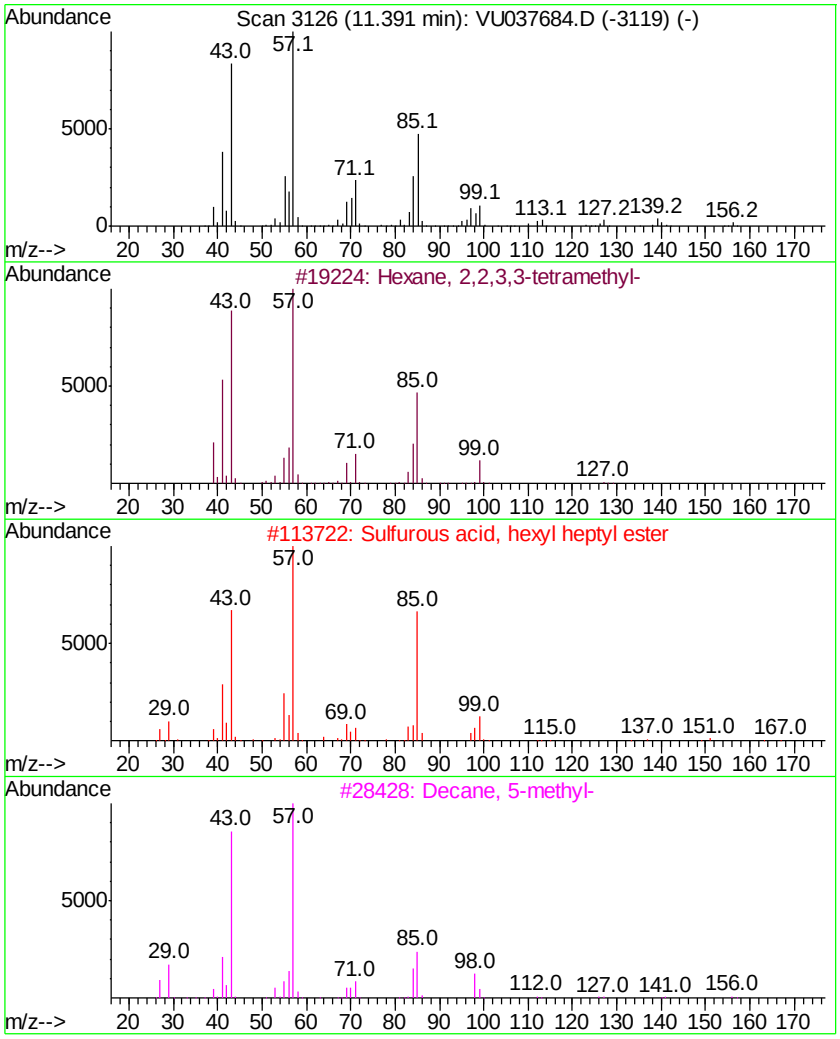
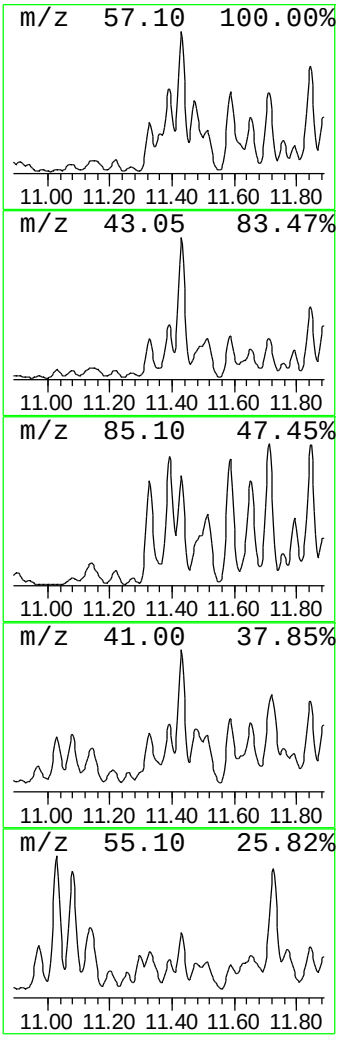
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	23.52 ug/L	2552900	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	58
2	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	50
3	Decane, 5-methyl-	156	C11H24	013151-35-4	50
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

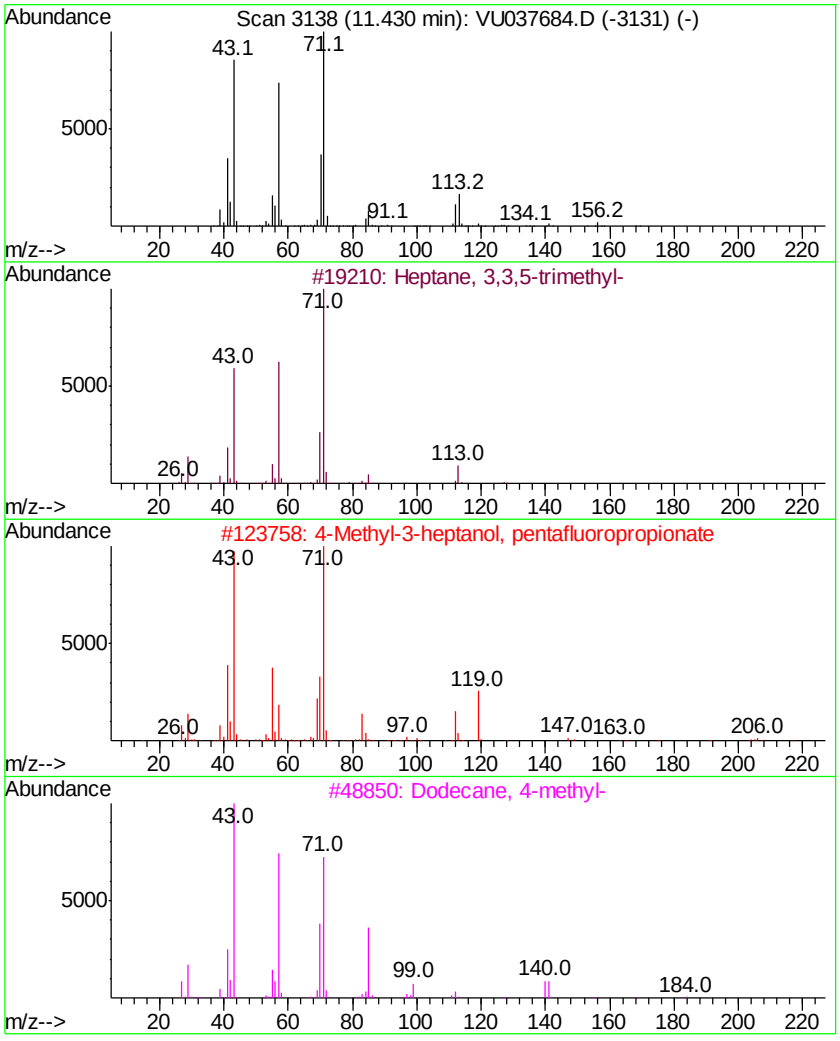
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

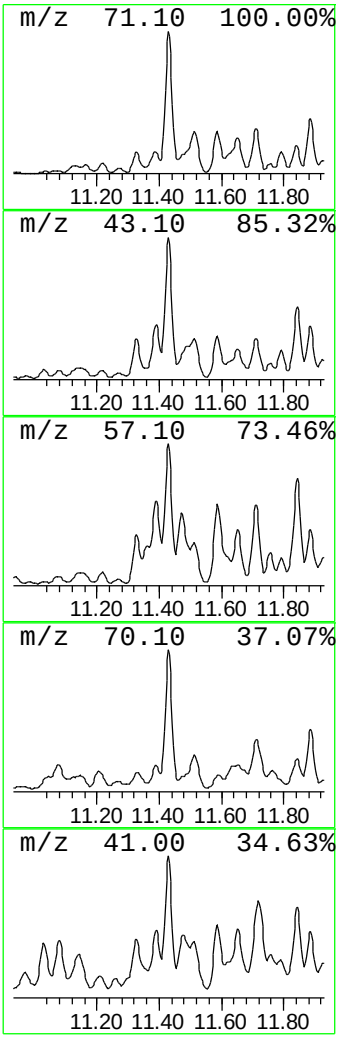
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	64.44 ug/L	6995050	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
2	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	64
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

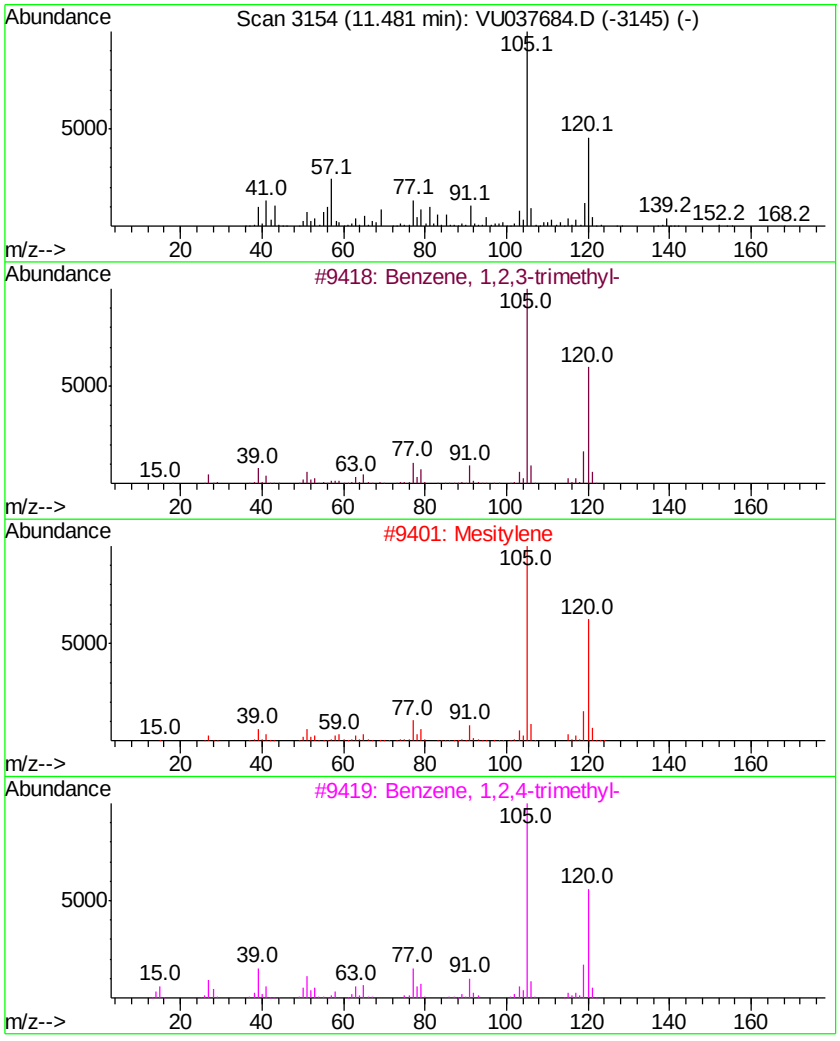
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

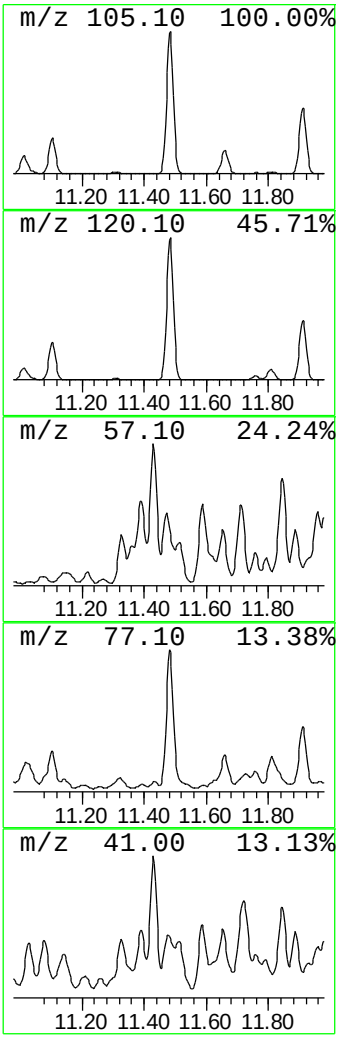
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1,2,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	59.80 ug/L	6490770	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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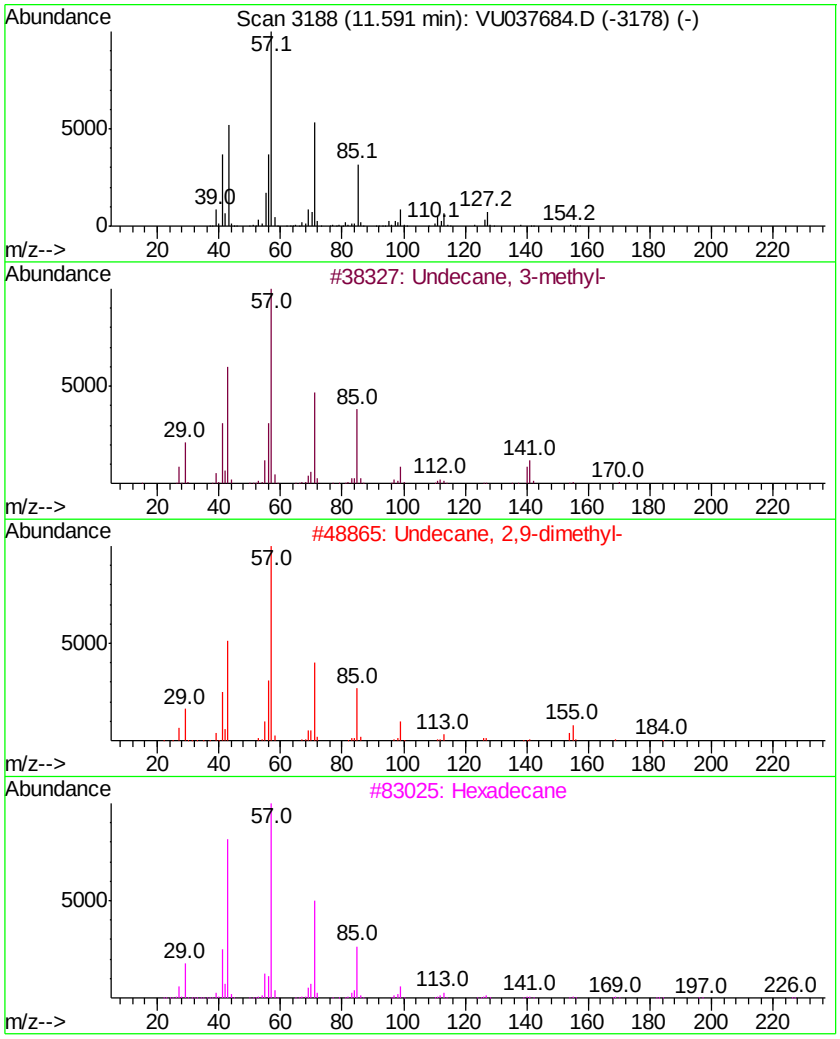
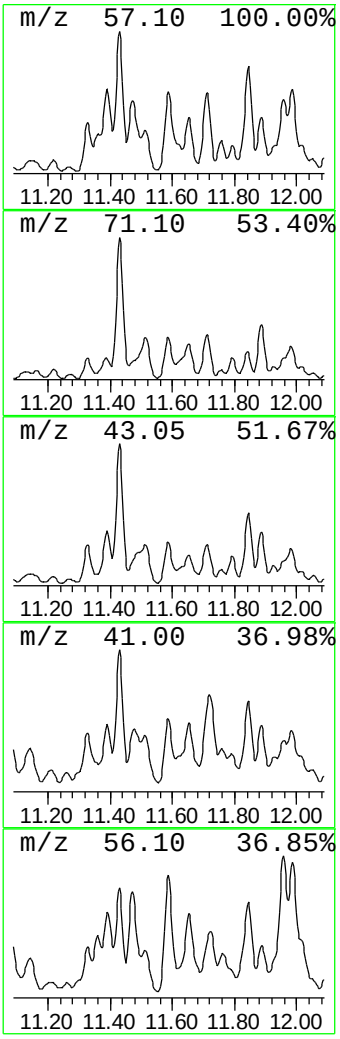
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	43.13 ug/L	4681260	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

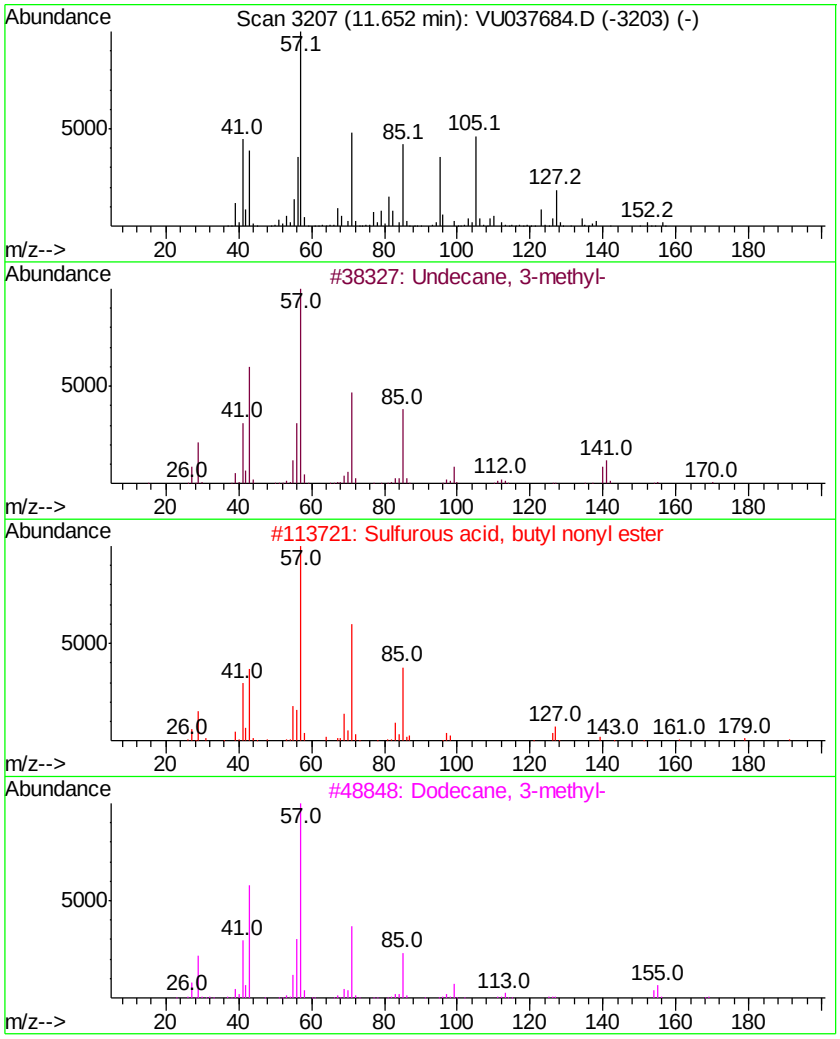
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

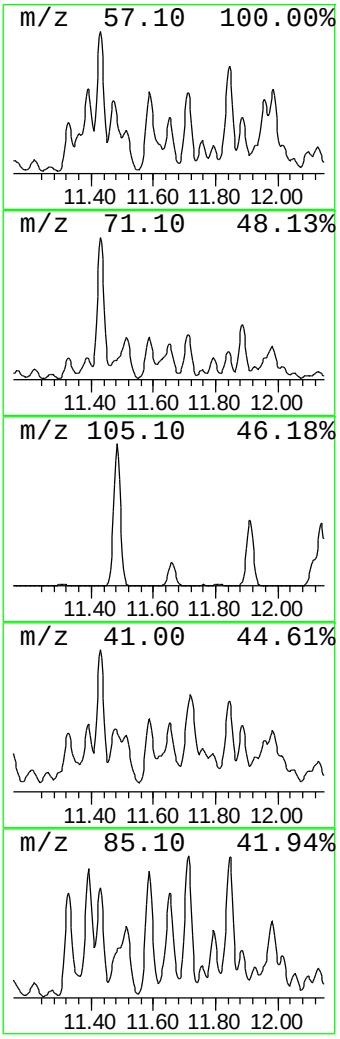
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	28.04 ug/L	3043850	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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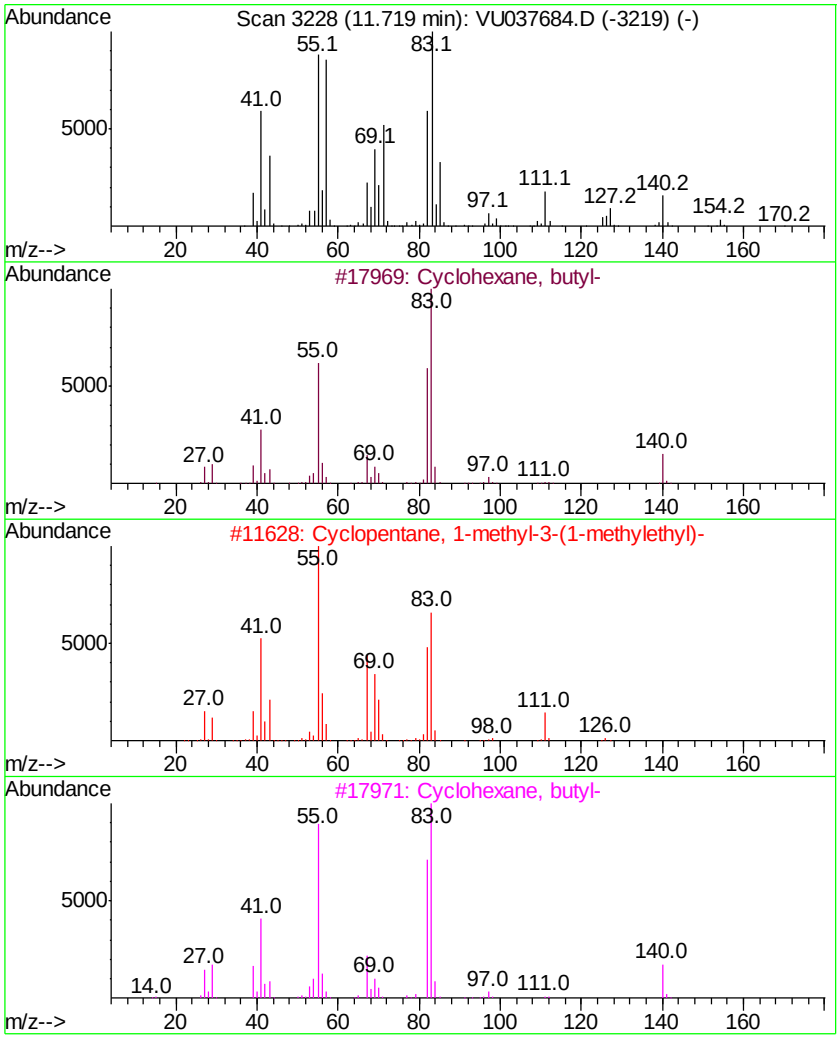
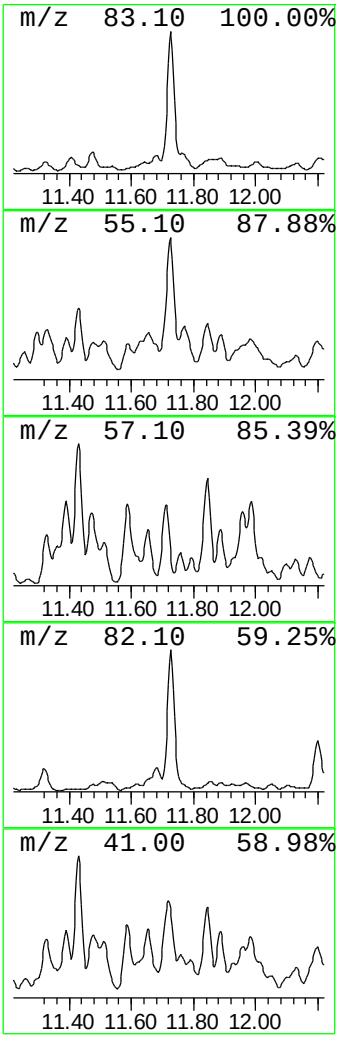
Peak Number 56 (DEL) Alkane: Cyclic11.72 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	59.13 ug/L	6418320	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	55
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	49
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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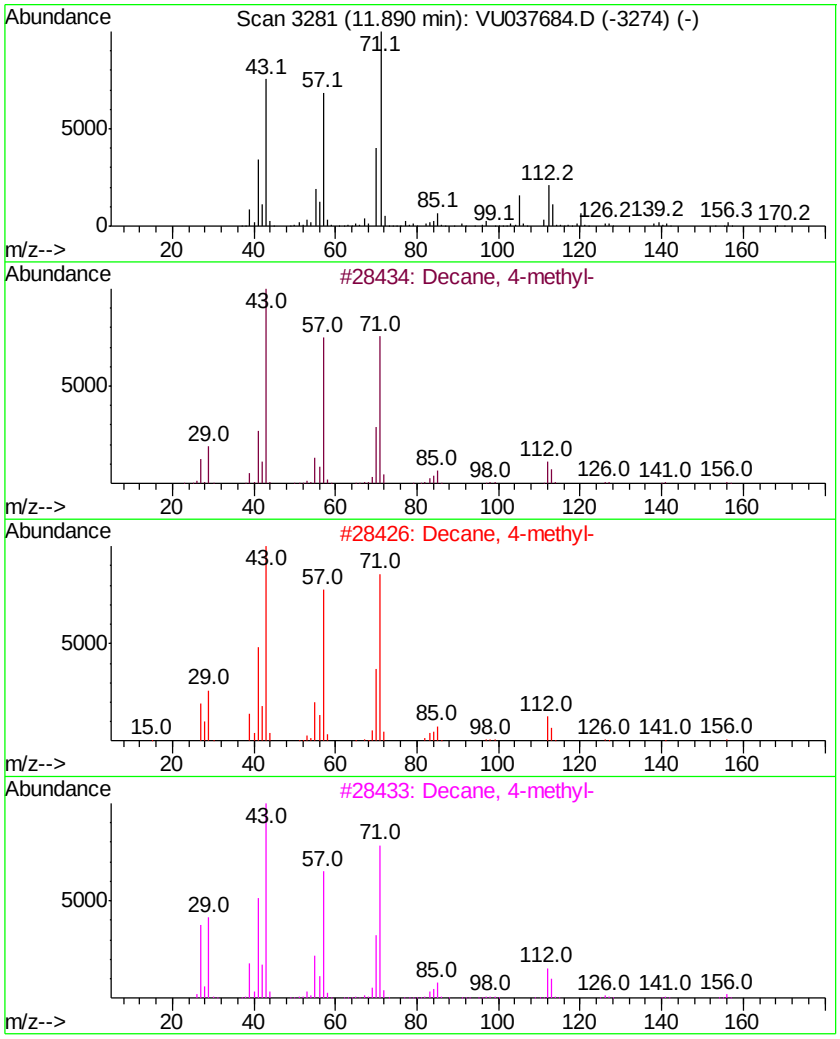
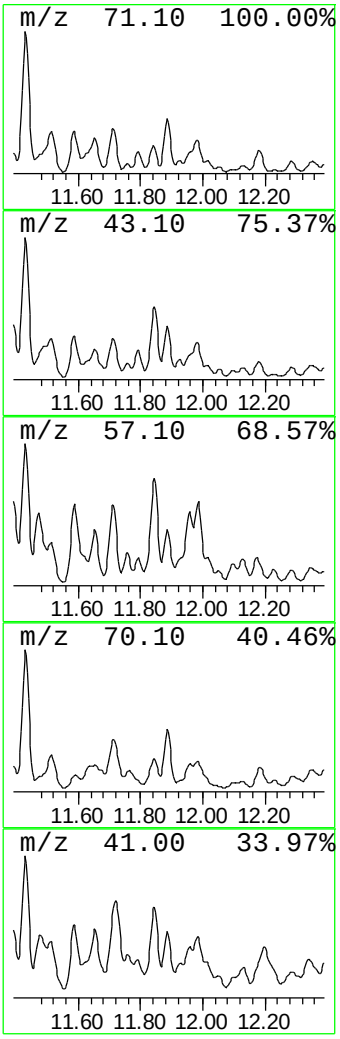
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	29.42 ug/L	3193070	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	91
3	Decane, 4-methyl-	156	C11H24	002847-72-5	87
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	86
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

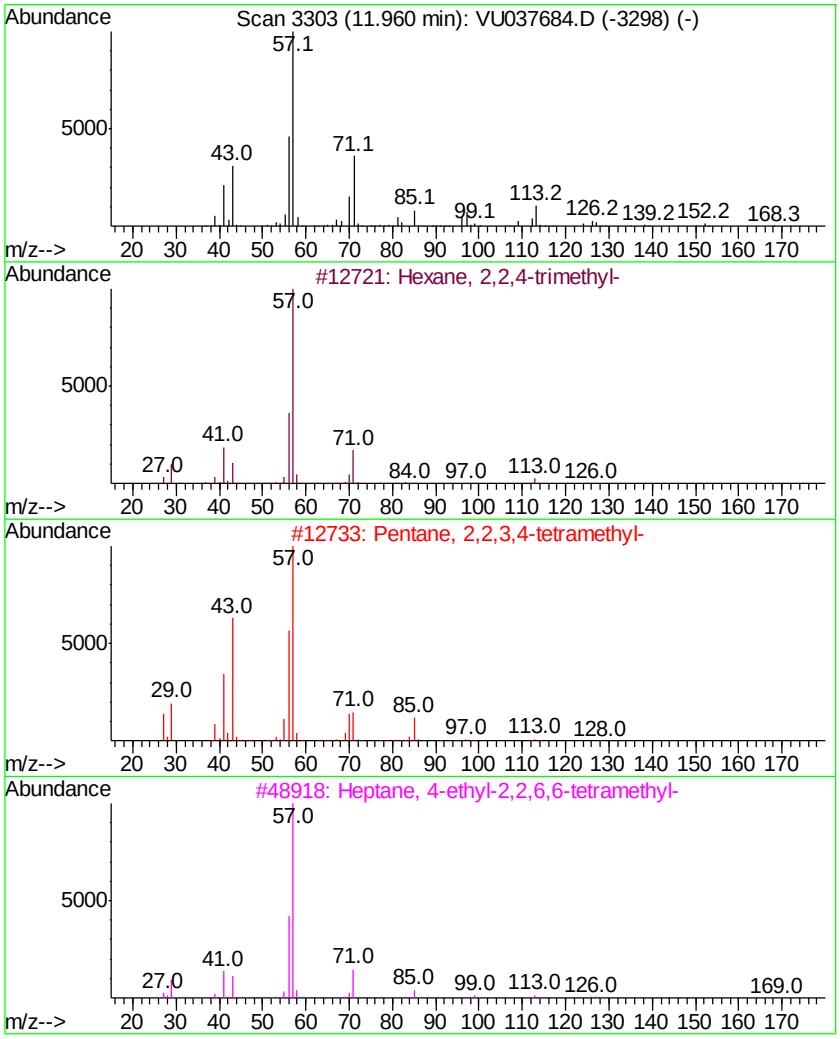
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

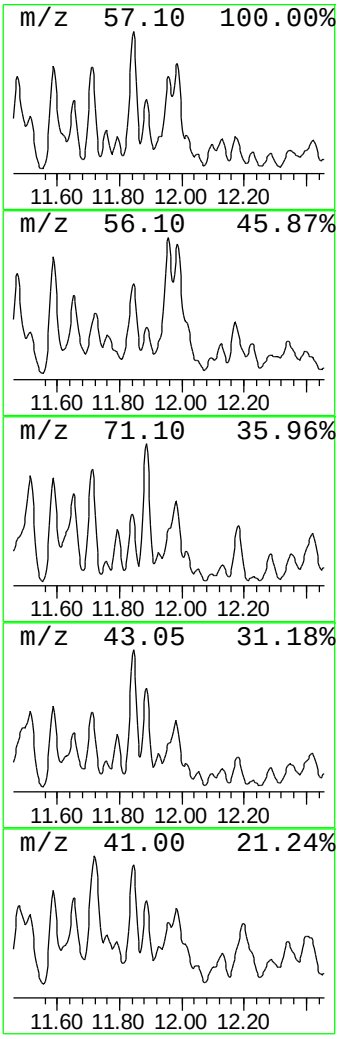
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.53 ug/L	708654	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	50
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

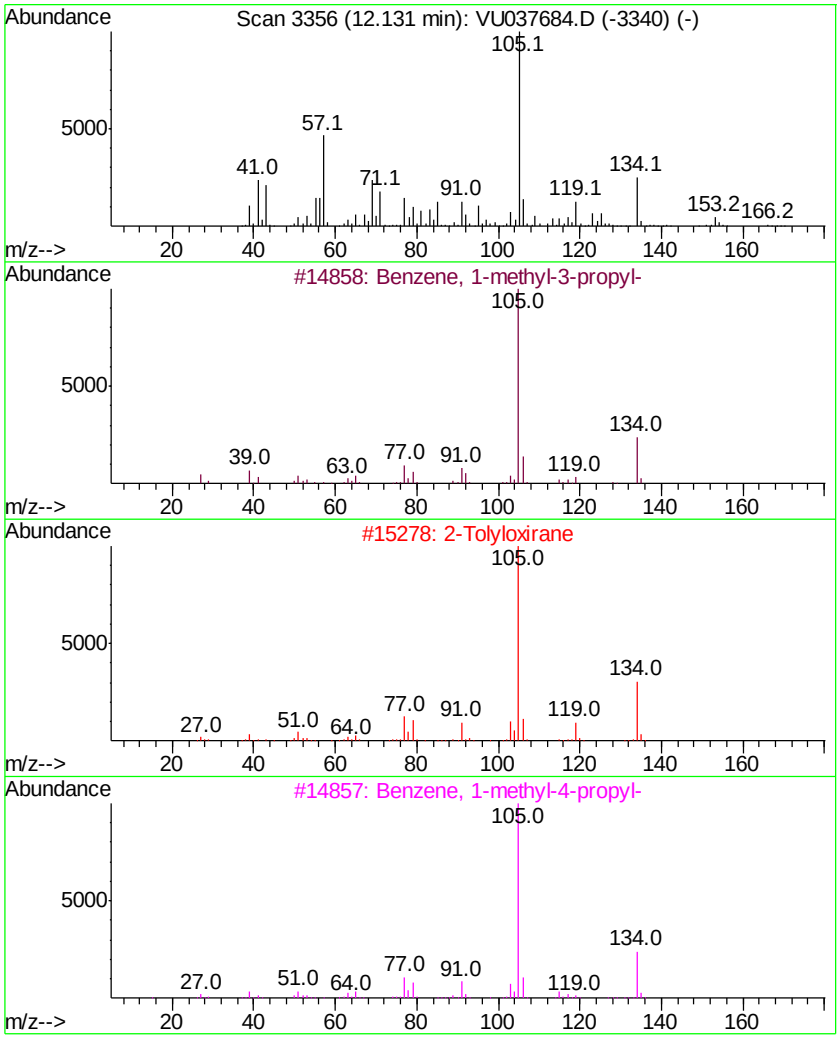
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

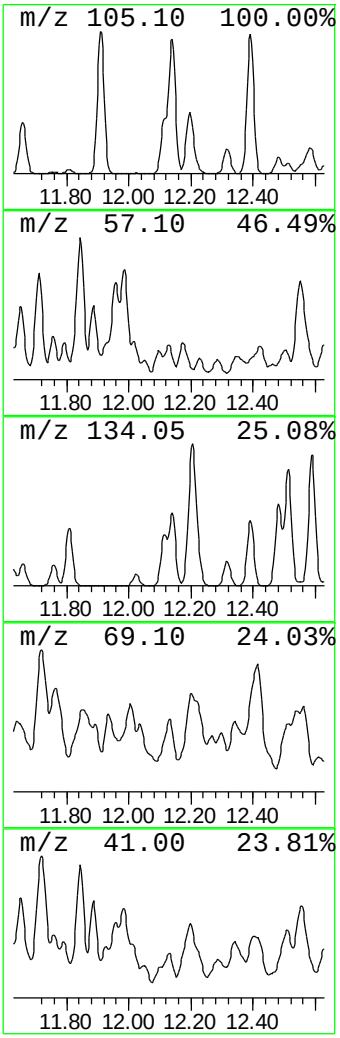
****

Peak Number 59 Benzene, 1-methyl-3-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	41.93 ug/L	4551240	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	2-Tolyloxirane	134	C9H10O	002783-26-8	64
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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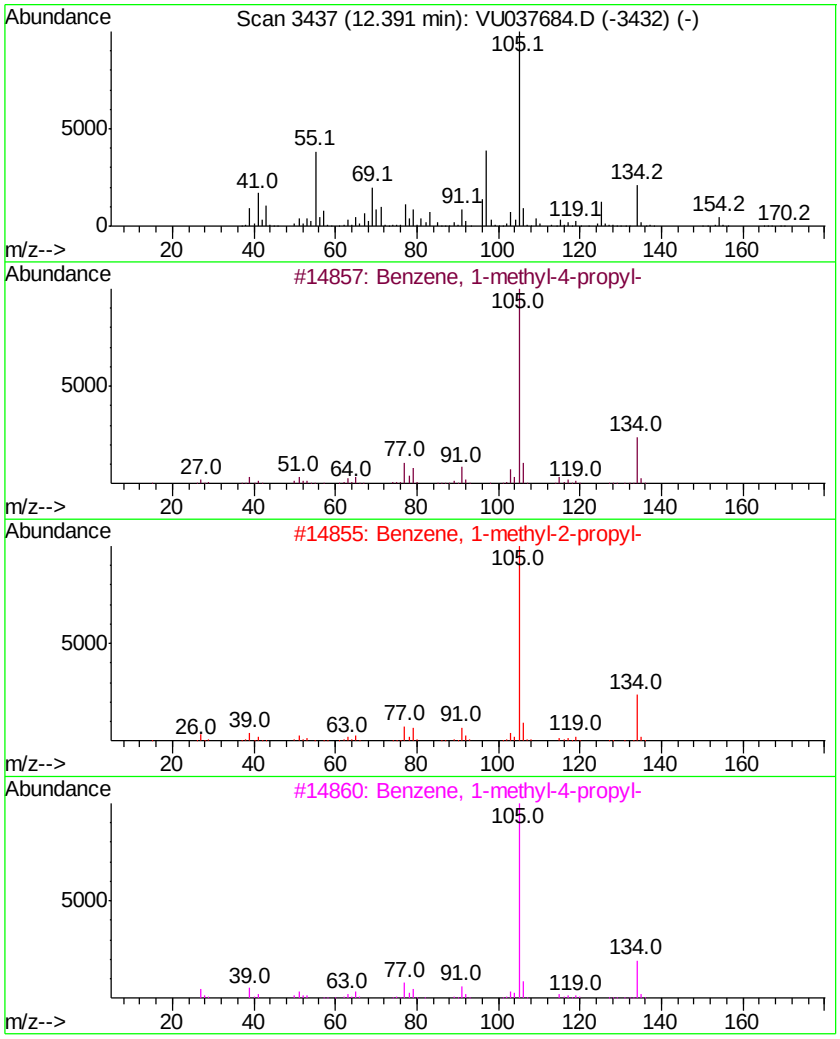
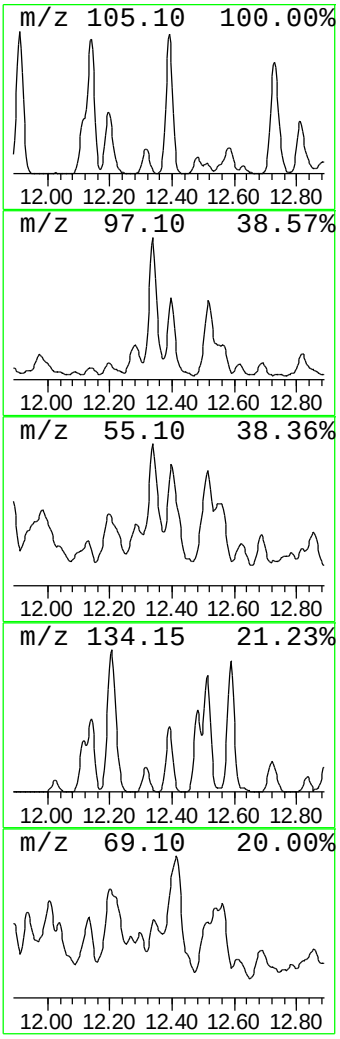
Peak Number 60 Benzene, 1-methyl-4-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	44.68 ug/L	4849590	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

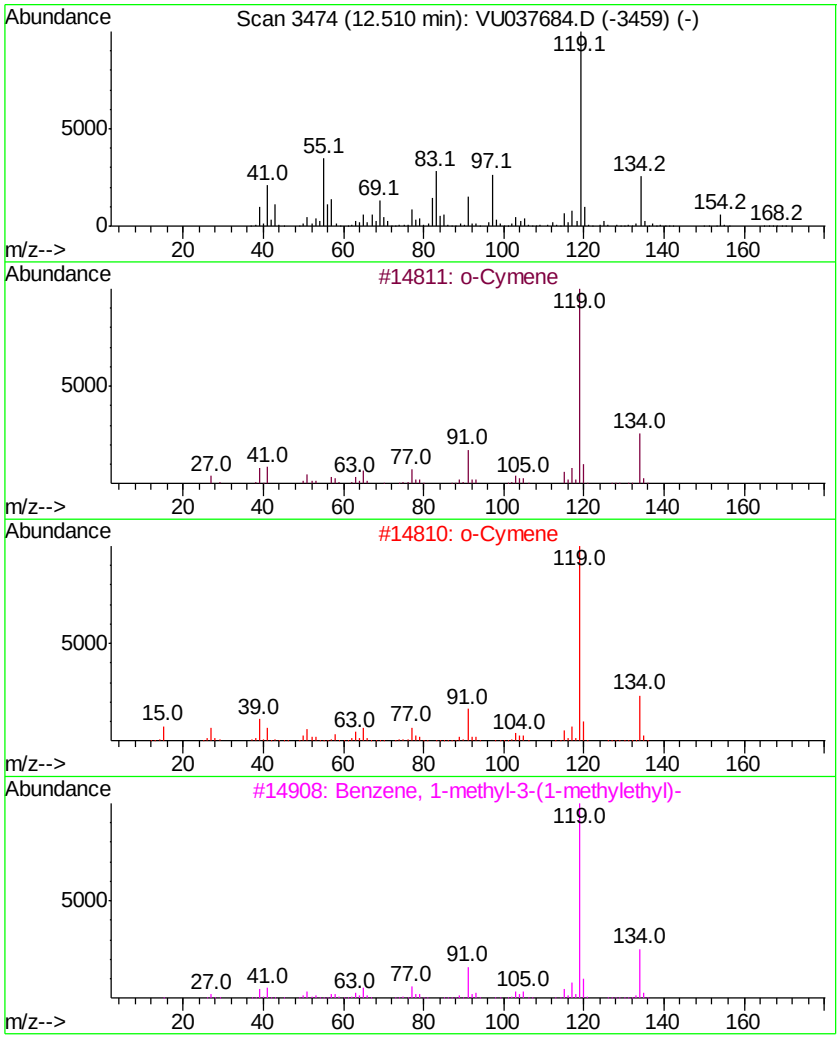
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

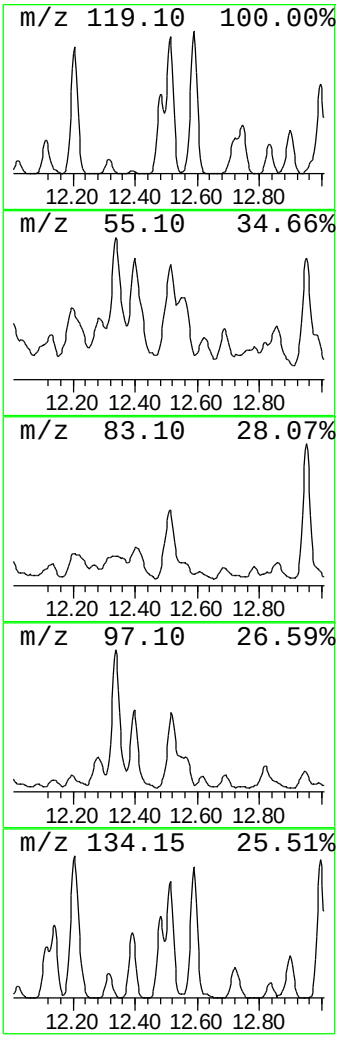
****

Peak Number 61 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	53.85 ug/L	5845090	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	p-Cymene	134	C10H14	000099-87-6	92
5	o-Cymene	134	C10H14	000527-84-4	92





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

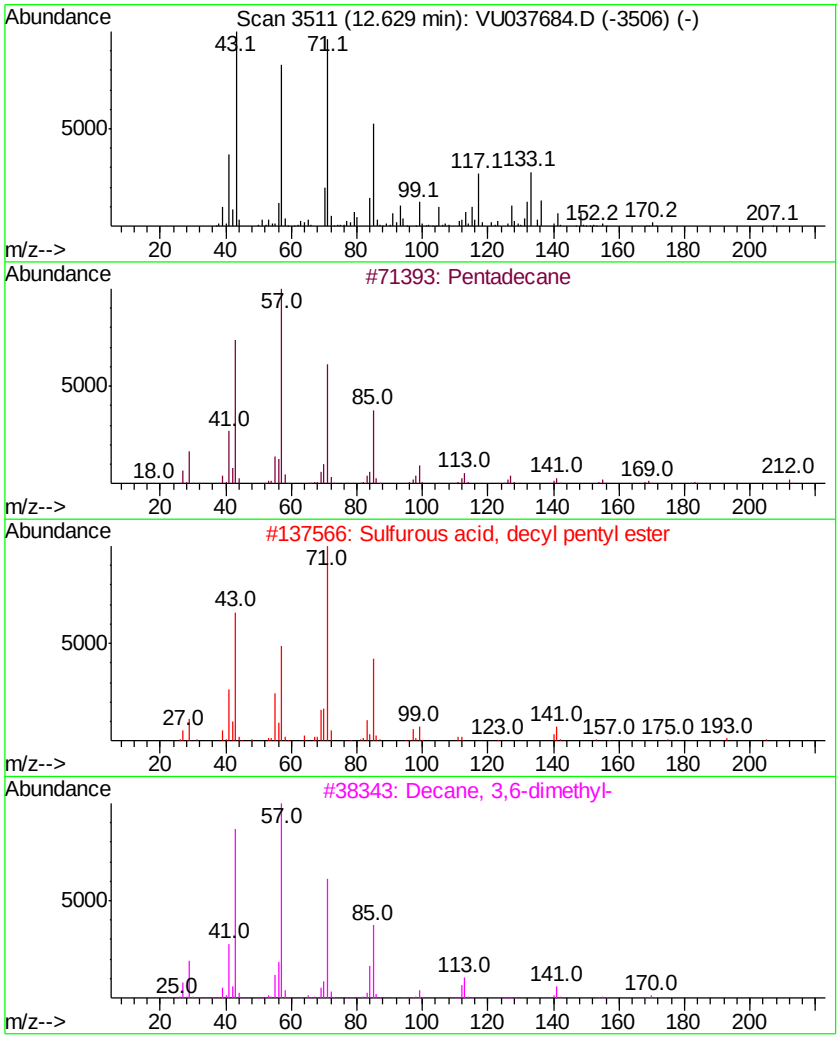
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

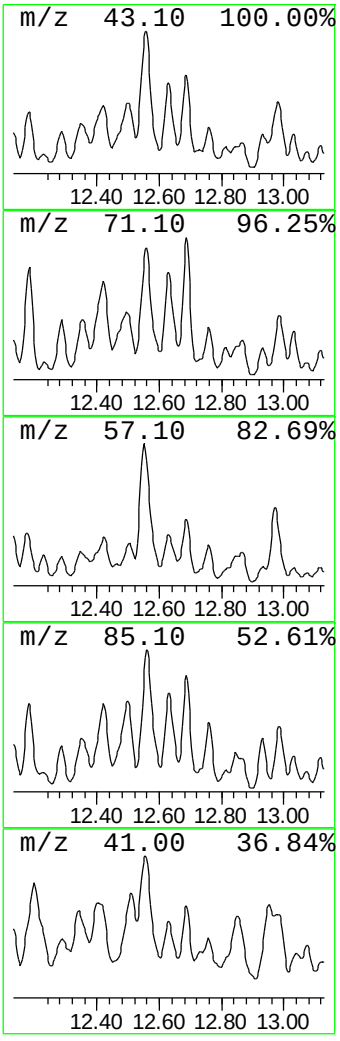
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	14.54 ug/L	1578290	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	53
2	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	50
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	41





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

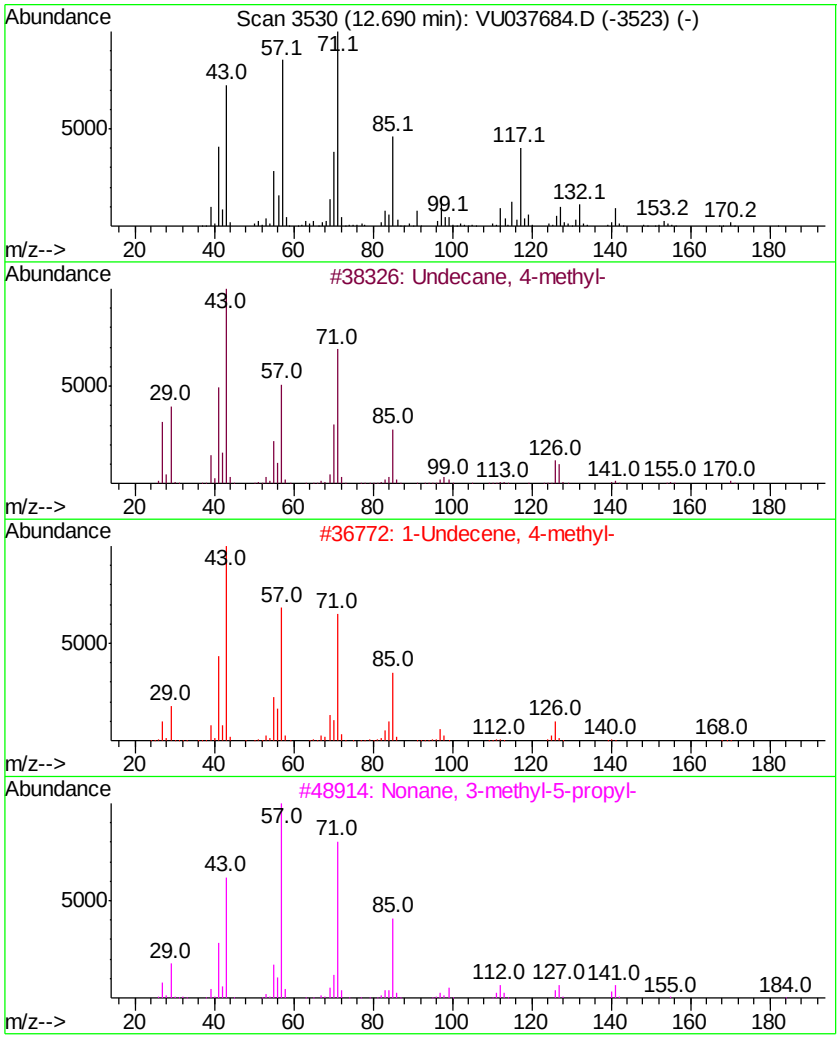
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

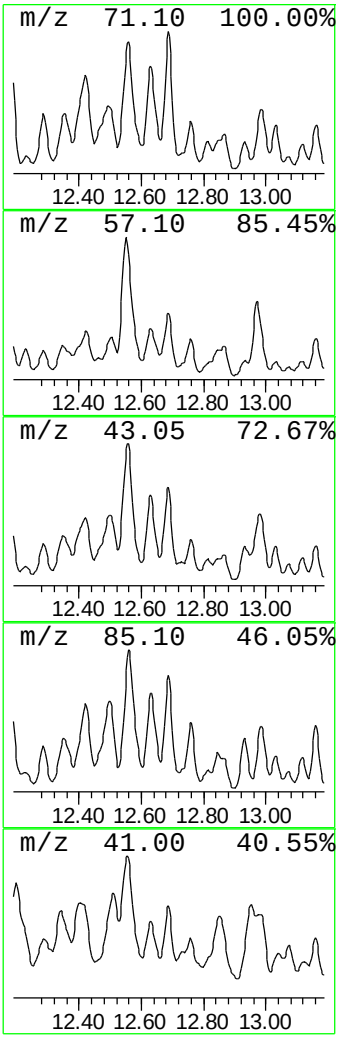
****

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	17.11 ug/L	1857720	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	68
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	59
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	58
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

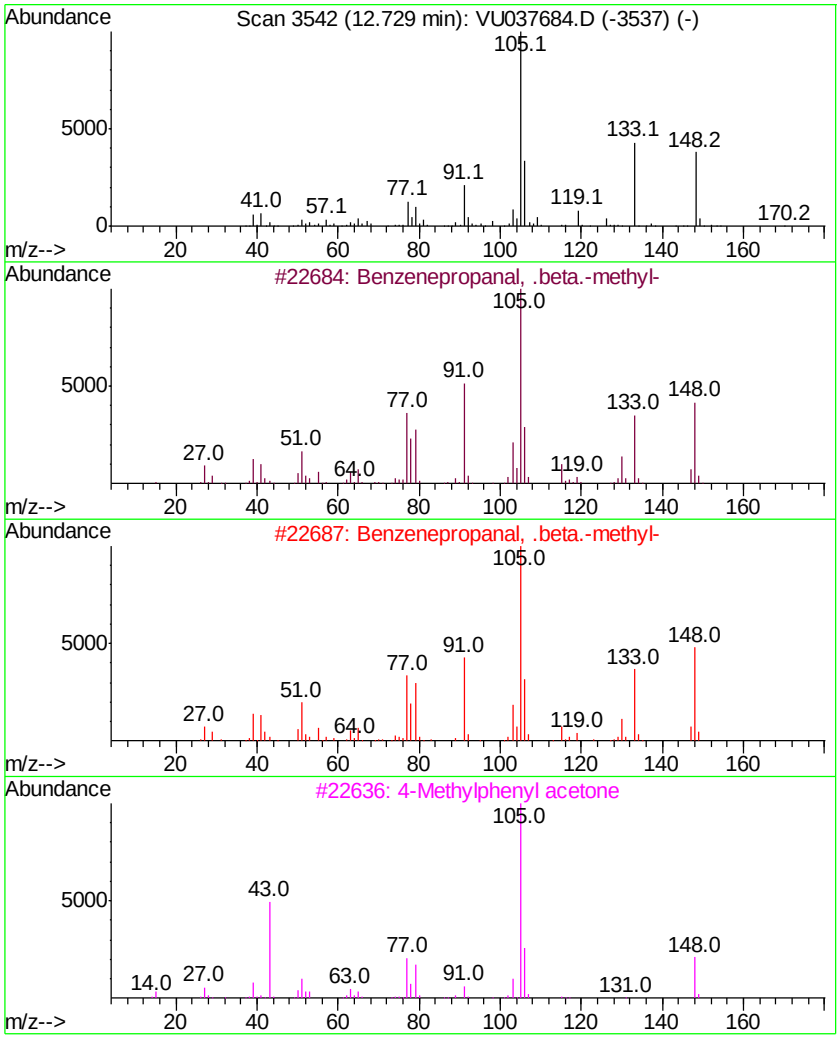
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

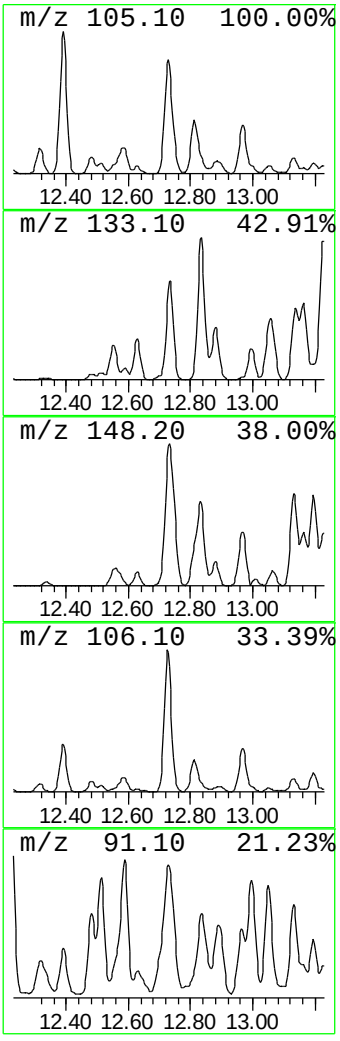
****

Peak Number 64 Benzenepropanal, .beta.-met... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	27.60 ug/L	2995430	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	64
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	56
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
5	2-Nitrophenyl-.beta.-phenylpropi...	271	C15H13NO4	040123-51-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

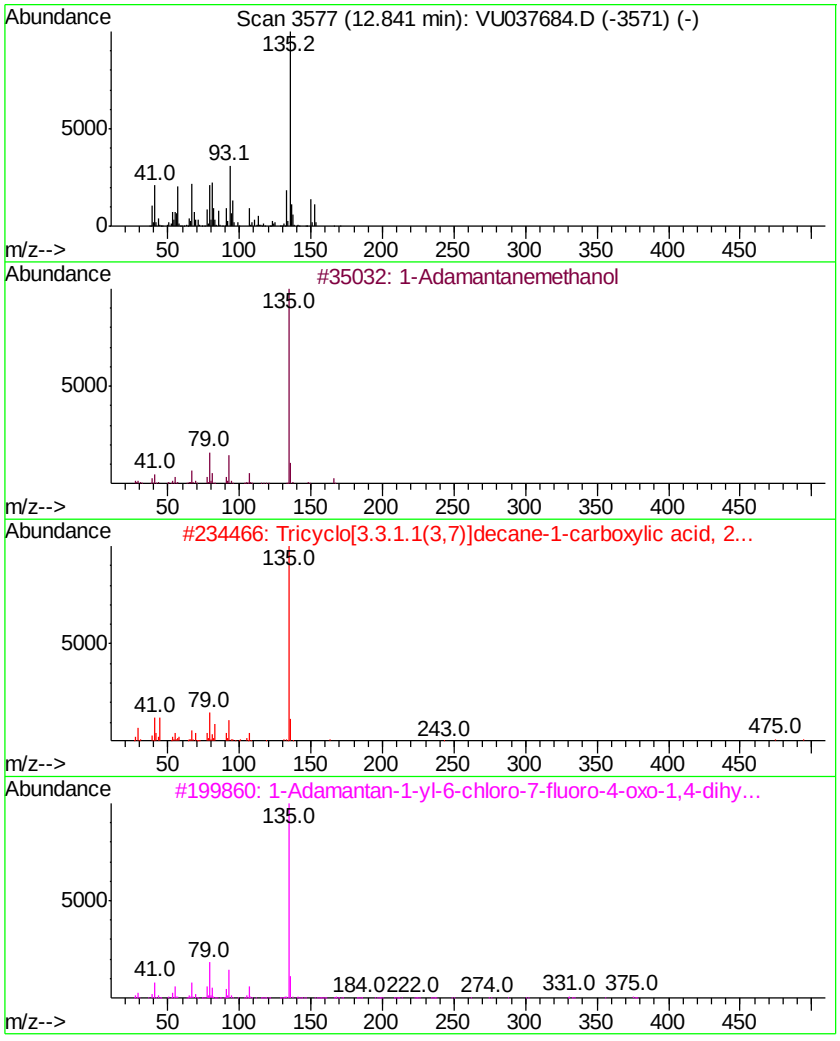
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

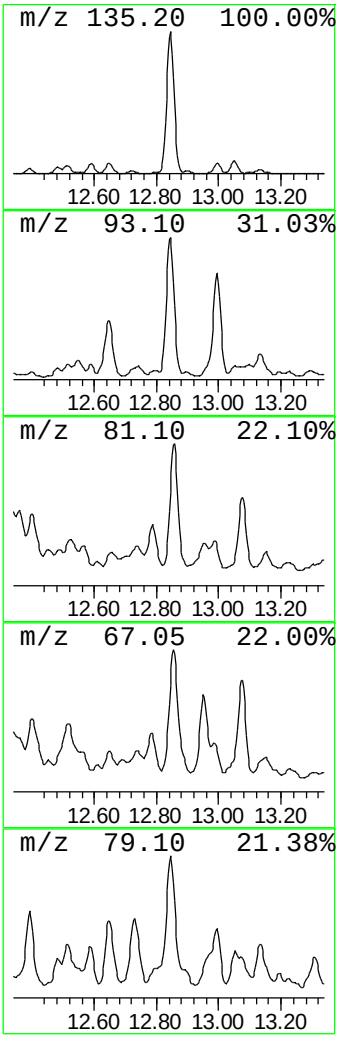
****

Peak Number 65 1-Adamantanemethanol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	51.75 ug/L	5616950	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanemethanol	166	C11H18O	000770-71-8	50
2	Tricyclo[3.3.1.1(3,7)]decane-1-c...	494	C18H18F12O2	1000141-65-1	50
3	1-Adamantan-1-yl-6-chloro-7-fluo...	375	C20H19ClFNO3	1000210-85-1	50
4	4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	50
5	Cyclohexanecarboxylic acid, 4-(1...	262	C17H26O2	175881-24-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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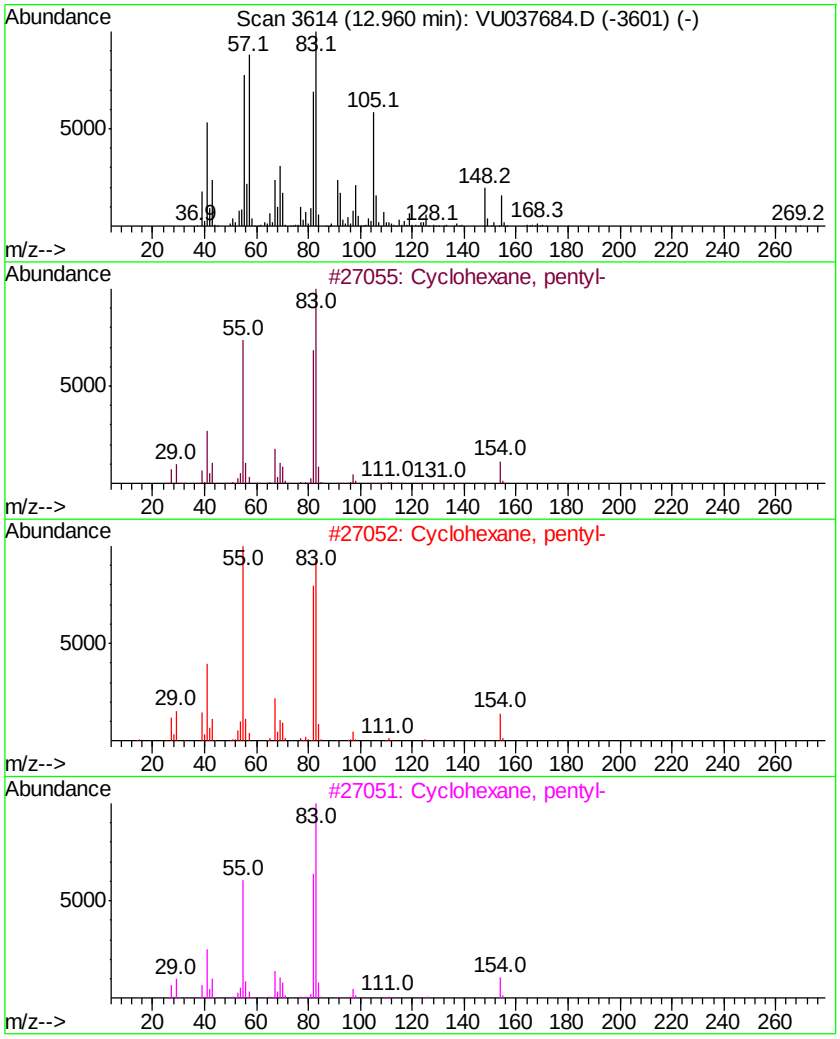
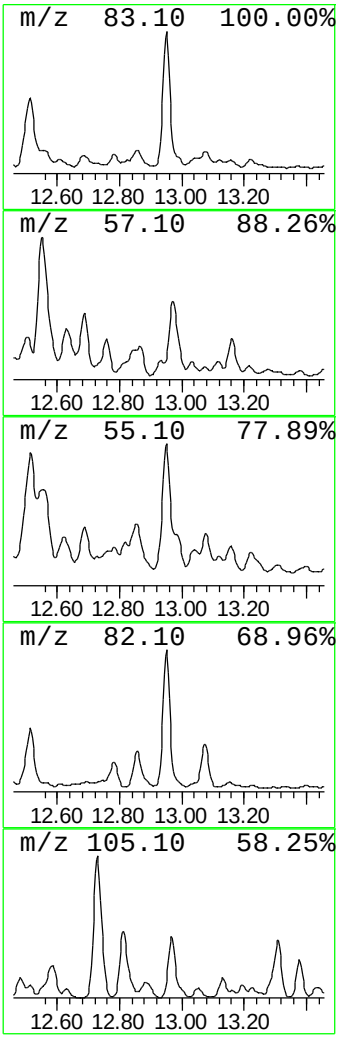
Peak Number 66 (DEL) Alkane: Cyclic12.96 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	30.58 ug/L	3319240	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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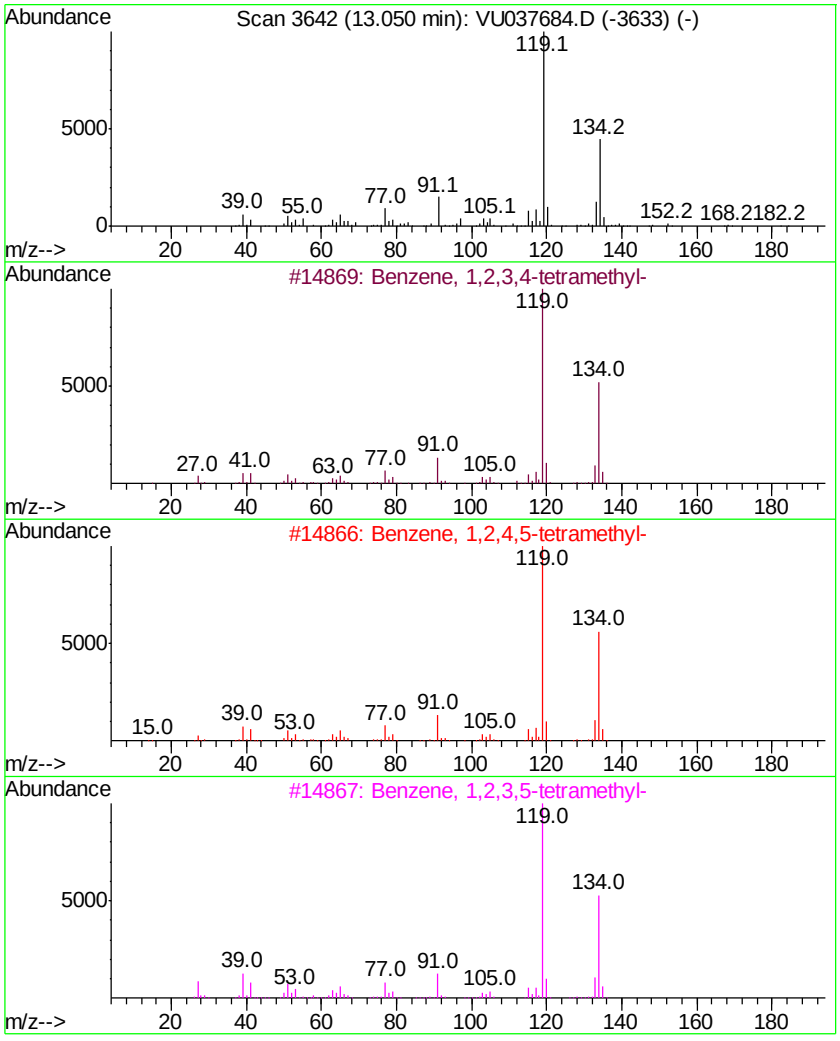
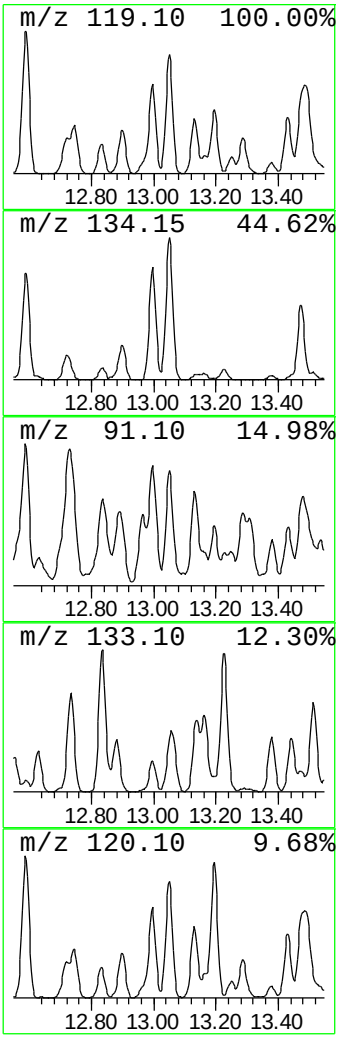
Peak Number 67 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	30.35 ug/L	3294050	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

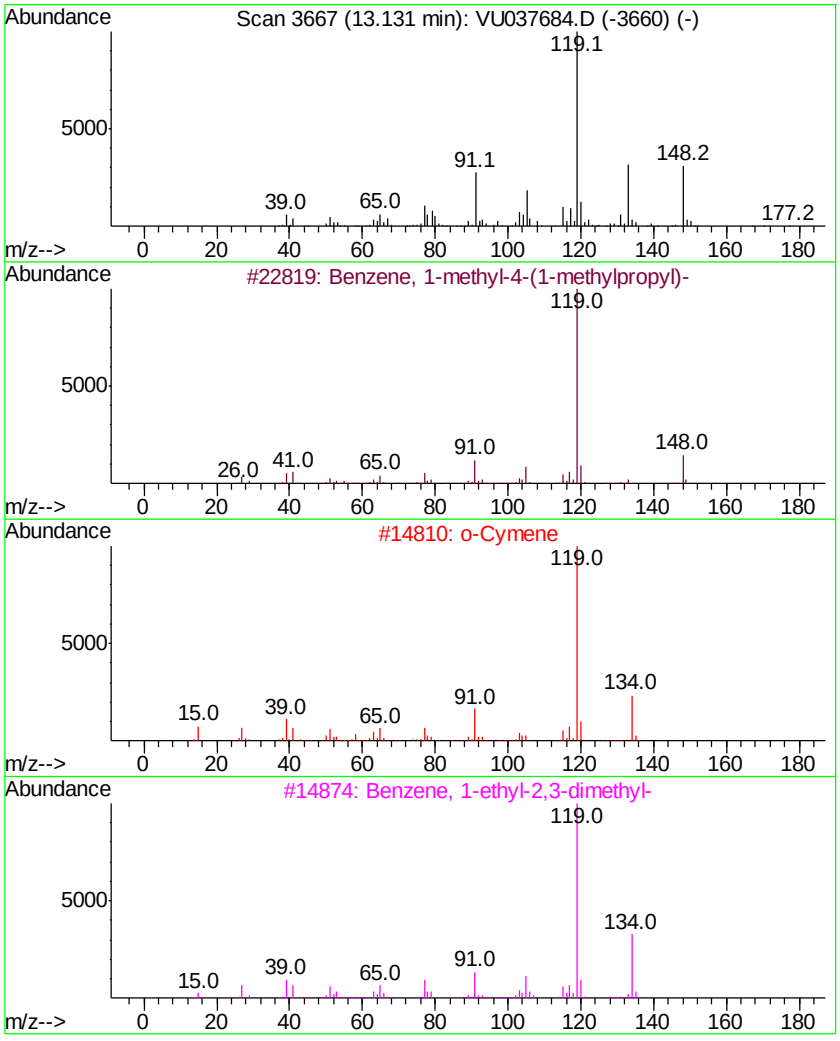
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

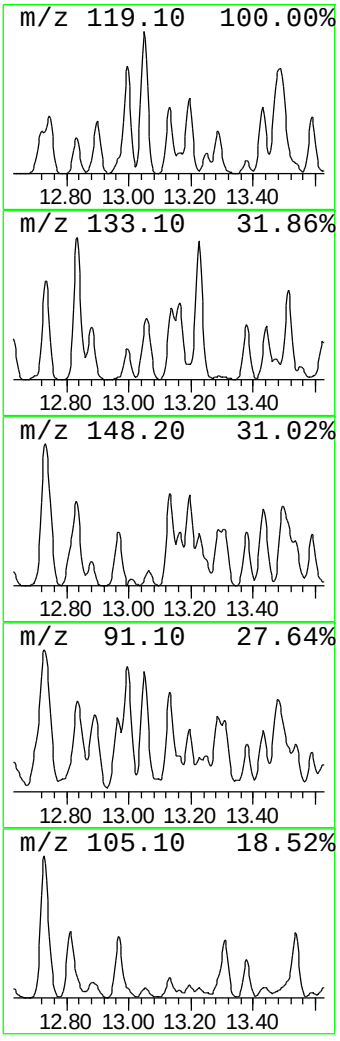
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, 1-methyl-4-(1-meth... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	9.75 ug/L	1057860	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	76
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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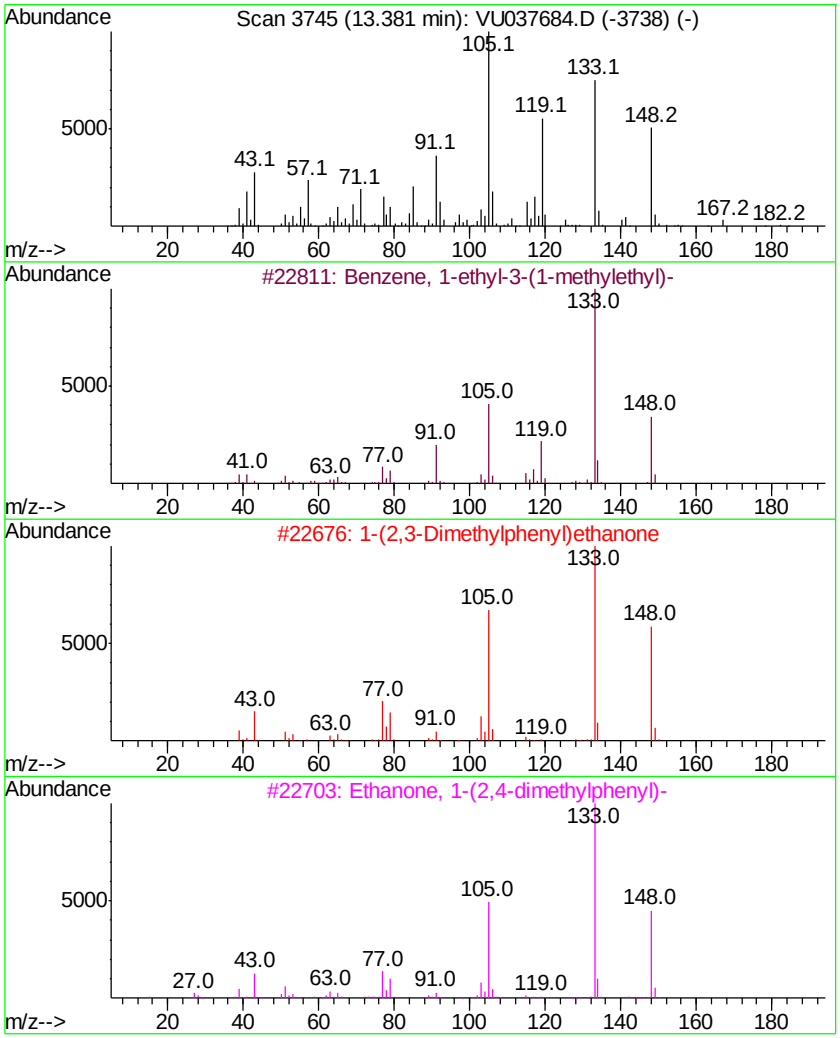
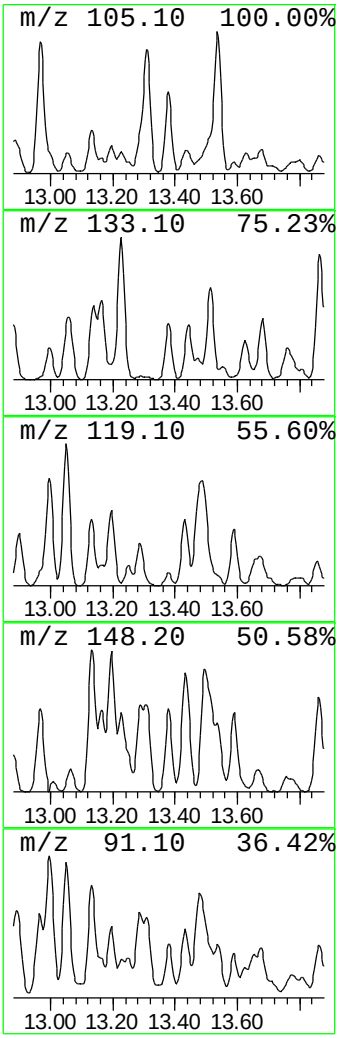
Peak Number 70 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.24 ug/L	677812	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74
2	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	60
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	58
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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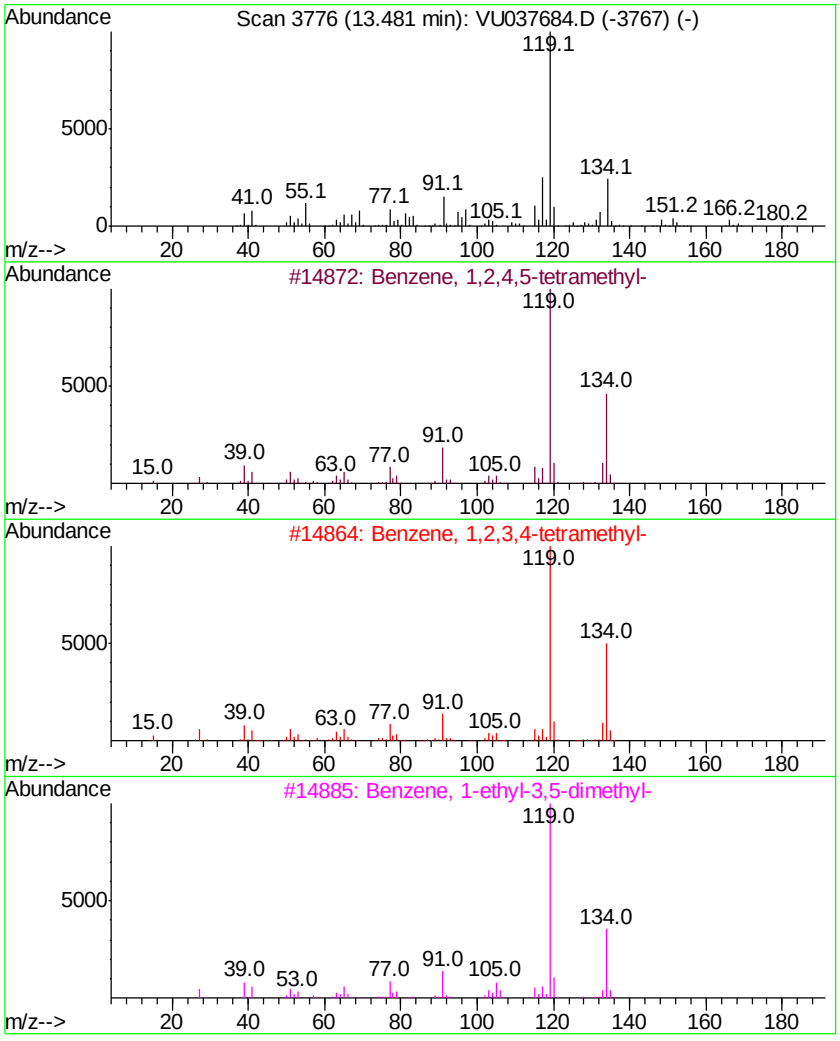
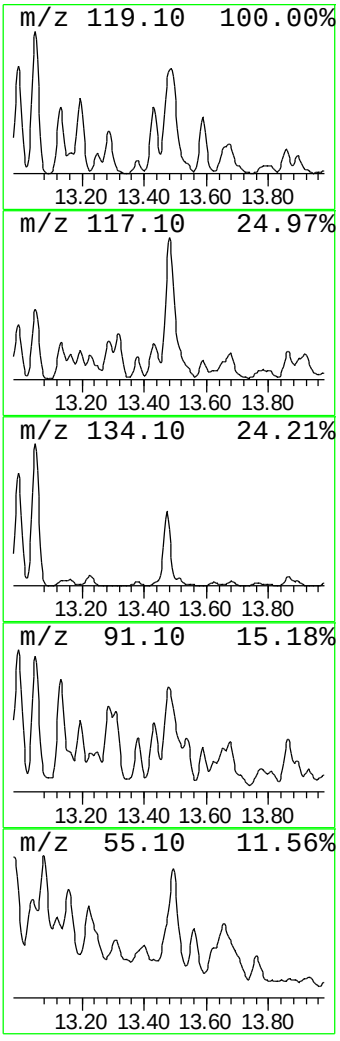
Peak Number 72 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	26.78 ug/L	2906510	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	70
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	62
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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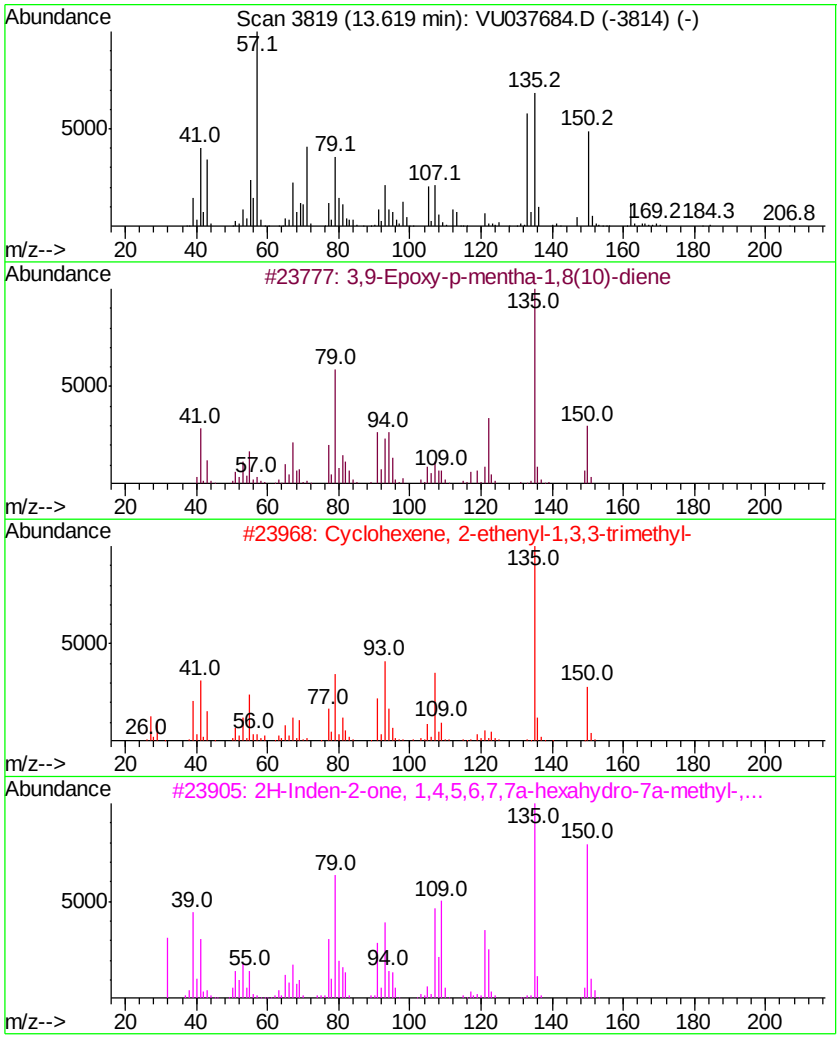
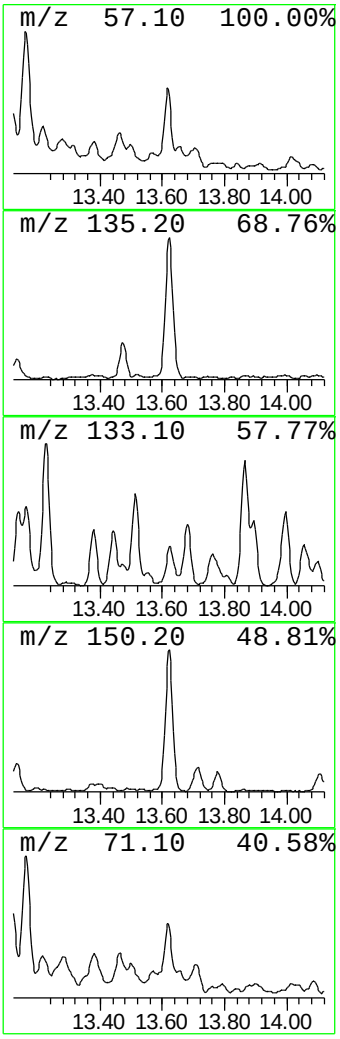
Peak Number 73 3,9-Epoxy-p-mentha-1,8(10)-... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.68 ug/L	507475	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	50
2	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	50
3	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	49
4	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	43
5	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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

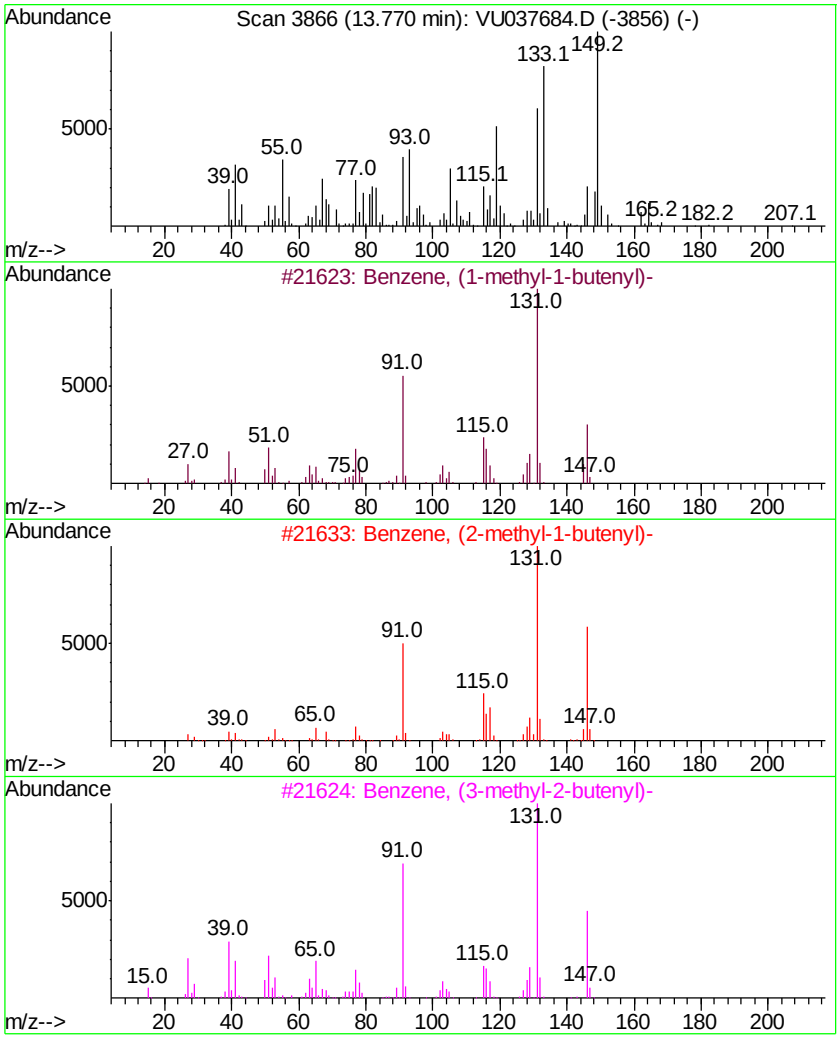
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

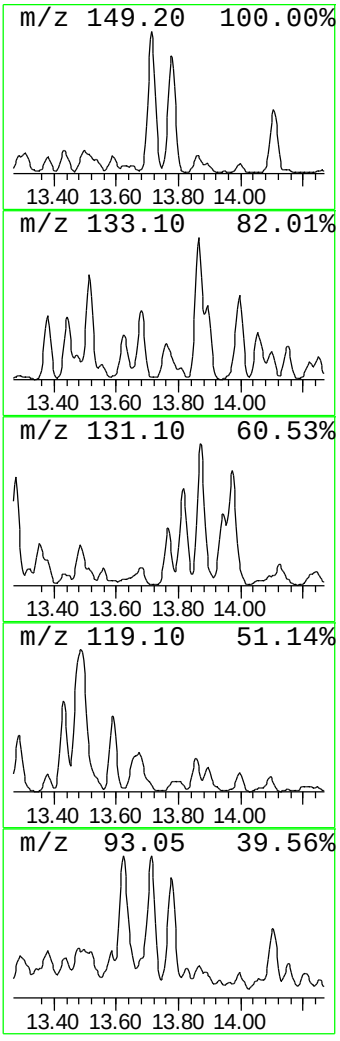
****

Peak Number 74 Benzene, (1-methyl-1-butenyl)- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	6.49 ug/L	704822	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	74
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4	3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	45
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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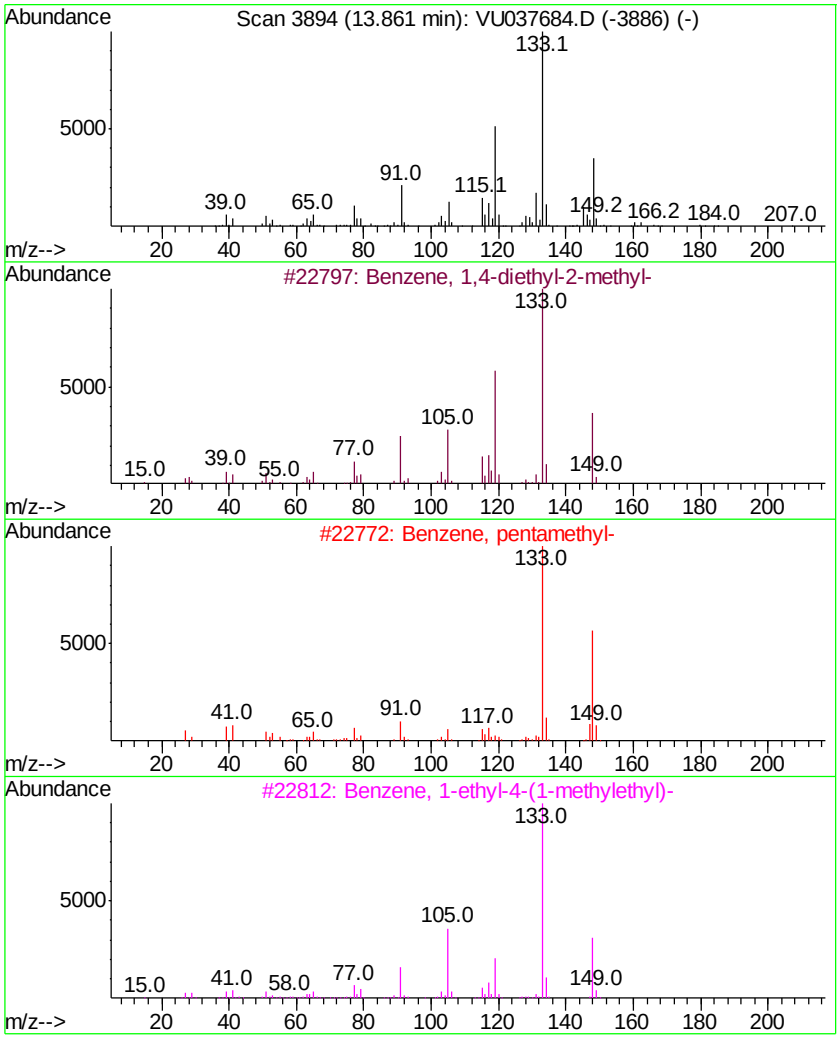
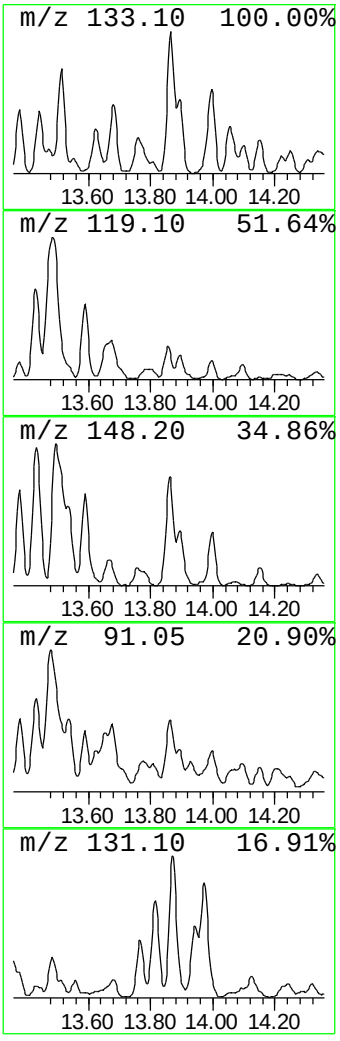
Peak Number 75 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.41 ug/L	912802	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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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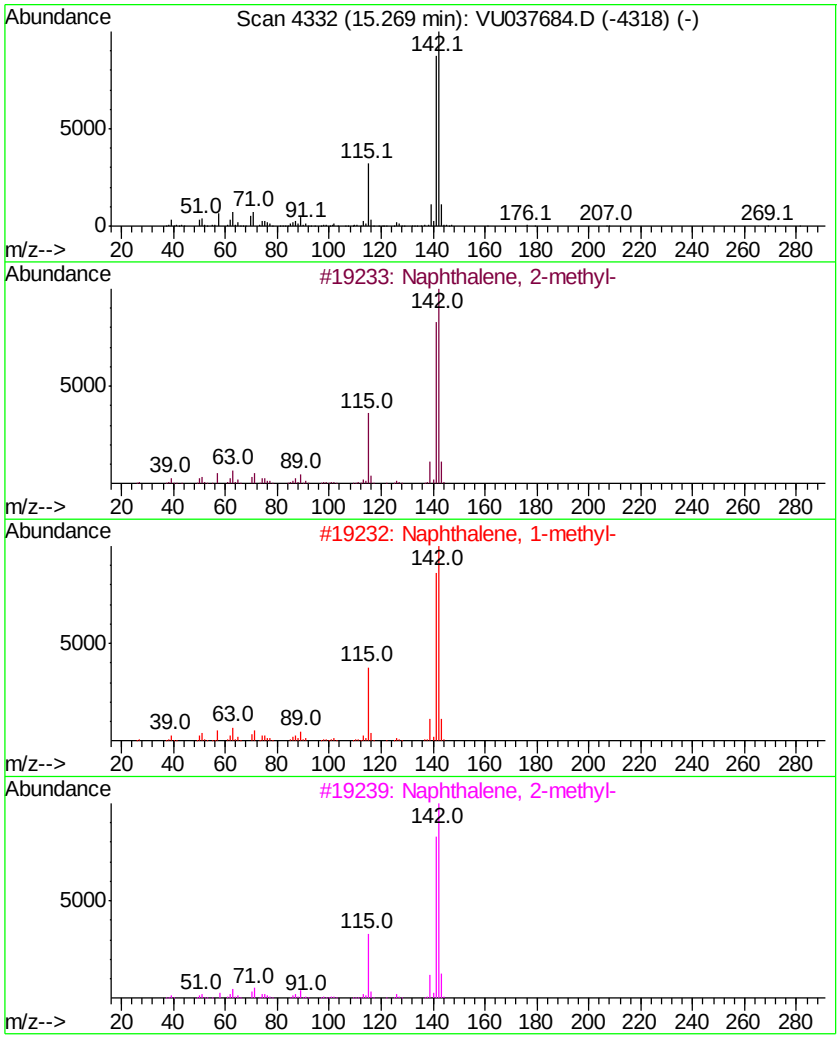
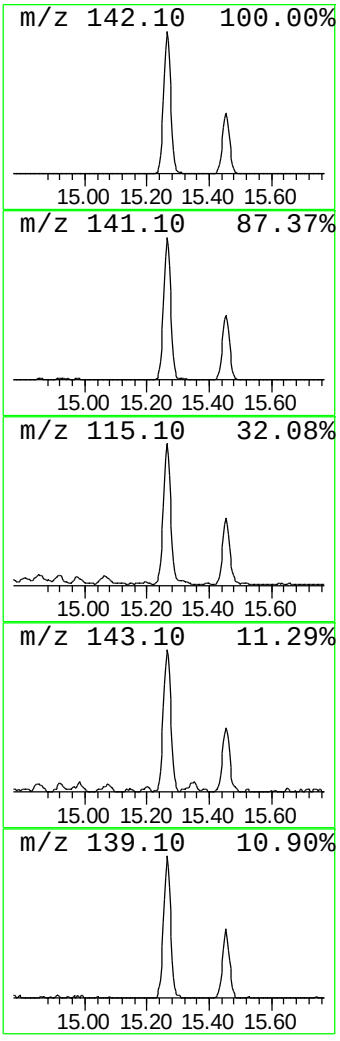
Peak Number 76 Naphthalene, 1-methyl- Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.99 ug/L	432911	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02ME 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2H9ME

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
(DEL) Alkane: Str...	6.64	11.8	ug/L	391081	1	6.28	1656970	50.0
(DEL) Alkane: Str...	6.89	37.5	ug/L	1243770	1	6.28	1656970	50.0
(DEL) Alkane: Cyc...	7.01	4.9	ug/L	163658	1	6.28	1656970	50.0
(DEL) Alkane: Str...	7.09	37.3	ug/L	1236040	1	6.28	1656970	50.0
(DEL) Alkane: Cyc...	7.26	21.9	ug/L	725457	1	6.28	1656970	50.0
(DEL) Alkane: Str...	7.40	4.5	ug/L	150719	1	6.28	1656970	50.0
(DEL) Alkane: Str...	7.45	41.5	ug/L	1375600	1	6.28	1656970	50.0
(DEL) Alkane: Str...	7.52	78.5	ug/L	2600280	1	6.28	1656970	50.0
(DEL) Alkane: Str...	7.56	39.4	ug/L	1307080	1	6.28	1656970	50.0
(DEL) Alkane: Str...	7.65	7.7	ug/L	256424	1	6.28	1656970	50.0
(DEL) Alkane: Str...	7.68	79.1	ug/L	2621040	1	6.28	1656970	50.0
(DEL) Alkane: Cyc...	7.79	11.4	ug/L	379014	1	6.28	1656970	50.0
(DEL) Alkane: Cyc...	8.06	81.6	ug/L	3521580	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	8.12	29.1	ug/L	1256390	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	8.27	202.2	ug/L	8726080	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	8.39	234.0	ug/L	10097800	2	9.44	2157500	50.0
(DEL) Alkane: Str...	8.49	90.3	ug/L	3897710	2	9.44	2157500	50.0
(DEL) Alkane: Str...	8.56	105.0	ug/L	4531860	2	9.44	2157500	50.0
(DEL) Alkane: Str...	8.78	197.3	ug/L	8515590	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	8.82	294.1	ug/L	12692000	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	8.89	270.4	ug/L	11669100	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	8.95	134.1	ug/L	5786120	2	9.44	2157500	50.0
(DEL) Alkane: Str...	8.99	63.5	ug/L	2739420	2	9.44	2157500	50.0
1-Undecanol	9.09	23.7	ug/L	1023410	2	9.44	2157500	50.0
(DEL) Alkane: Str...	9.14	99.0	ug/L	4274020	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	9.19	204.8	ug/L	8839240	2	9.44	2157500	50.0
(DEL) Alkane: Str...	9.23	161.9	ug/L	6986260	2	9.44	2157500	50.0
(DEL) Alkane: Str...	9.35	185.9	ug/L	8023390	2	9.44	2157500	50.0
Pentalene, octahy...	9.53	13.4	ug/L	575997	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	9.65	47.5	ug/L	2050010	2	9.44	2157500	50.0
(DEL) Alkane: Str...	9.78	97.9	ug/L	4223900	2	9.44	2157500	50.0
unknown-01	9.90	34.2	ug/L	1475460	2	9.44	2157500	50.0
(DEL) Alkane: Str...	9.97	18.9	ug/L	817074	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	10.04	223.5	ug/L	9642600	2	9.44	2157500	50.0
(DEL) Alkane: Str...	10.13	51.2	ug/L	2207340	2	9.44	2157500	50.0
unknown-02	10.19	25.2	ug/L	1087350	2	9.44	2157500	50.0
(DEL) Alkane: Str...	10.27	259.9	ug/L	11213600	2	9.44	2157500	50.0
(DEL) Alkane: Str...	10.33	13.8	ug/L	595750	2	9.44	2157500	50.0
(DEL) Alkane: Cyc...	10.37	153.9	ug/L	6639900	2	9.44	2157500	50.0
(DEL) Alkane: Str...	10.57	137.7	ug/L	5942960	2	9.44	2157500	50.0
(DEL) Alkane: Str...	10.64	35.0	ug/L	3797120	3	11.83	5427450	50.0
(DEL) Alkane: Str...	10.69	8.3	ug/L	897657	3	11.83	5427450	50.0
(DEL) Alkane: Str...	10.83	41.2	ug/L	4474820	3	11.83	5427450	50.0
Benzene, propyl-	10.92	5.9	ug/L	643732	3	11.83	5427450	50.0
(DEL) Alkane: Cyc...	10.97	14.3	ug/L	1550130	3	11.83	5427450	50.0
(DEL) Alkane: Cyc...	11.03	35.6	ug/L	3862560	3	11.83	5427450	50.0
Sulfurous acid, c...	11.08	27.6	ug/L	2999890	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.21	10.8	ug/L	1171530	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.26	5.5	ug/L	591600	3	11.83	5427450	50.0

(DEL) Alkane: Str...	11.33	47.7	ug/L	5175460	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.39	23.5	ug/L	2552900	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.43	64.4	ug/L	6995050	3	11.83	5427450	50.0
Benzene, 1,2,3-tr...	11.48	59.8	ug/L	6490770	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.59	43.1	ug/L	4681260	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.65	28.0	ug/L	3043850	3	11.83	5427450	50.0
(DEL) Alkane: Cyc...	11.72	59.1	ug/L	6418320	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.89	29.4	ug/L	3193070	3	11.83	5427450	50.0
(DEL) Alkane: Str...	11.96	6.5	ug/L	708654	3	11.83	5427450	50.0
Benzene, 1-methyl...	12.13	41.9	ug/L	4551240	3	11.83	5427450	50.0
Benzene, 1-methyl...	12.39	44.7	ug/L	4849590	3	11.83	5427450	50.0
o-Cymene	12.51	53.9	ug/L	5845090	3	11.83	5427450	50.0
(DEL) Alkane: Str...	12.63	14.5	ug/L	1578290	3	11.83	5427450	50.0
(DEL) Alkane: Str...	12.69	17.1	ug/L	1857720	3	11.83	5427450	50.0
Benzenepropanal, ...	12.73	27.6	ug/L	2995430	3	11.83	5427450	50.0
1-Adamantanemethanol	12.84	51.8	ug/L	5616950	3	11.83	5427450	50.0
(DEL) Alkane: Cyc...	12.96	30.6	ug/L	3319240	3	11.83	5427450	50.0
Benzene, 1,2,3,4-...	13.05	30.4	ug/L	3294050	3	11.83	5427450	50.0
Benzene, 1-methyl...	13.13	9.8	ug/L	1057860	3	11.83	5427450	50.0
Benzene, 1-ethyl-...	13.38	6.2	ug/L	677812	3	11.83	5427450	50.0
Benzene, 1,2,4,5-...	13.48	26.8	ug/L	2906510	3	11.83	5427450	50.0
3,9-Epoxy-p-menth...	13.62	4.7	ug/L	507475	3	11.83	5427450	50.0
Benzene, (1-methy...	13.77	6.5	ug/L	704822	3	11.83	5427450	50.0
Benzene, 1,4-diet...	13.86	8.4	ug/L	912802	3	11.83	5427450	50.0
Naphthalene, 1-me...	15.27	4.0	ug/L	432911	3	11.83	5427450	50.0

Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME