LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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	1.488	40	46	54	rVB2	12070	13917	0.12%	0.015%
2	1.610	75	84	98	rVB	245001	281042	2.42%	0.304%
3	1.819	125	149	150	rBV8	37789	90965	0.78%	0.098%
4	1.887	164	170	180	rBV	194655	208014	1.79%	0.225%
5	2.559	367	379	392	rBV	383392	617451	5.32%	0.668%
6	3.214	567	583	598	rBV2	24606	55894	0.48%	0.061%
7	4.677	1021	1038	1077	rBV2	184749	590109	5.09%	0.639%
8	5.099	1148	1169	1192	rBV	348650	809351	6.98%	0.876%
9	5.404	1249	1264	1279	rVV5	13776	38379	0.33%	0.042%
10	5.484	1279	1289	1301	rVB4	6835	15155	0.13%	0.016%
11	5.616	1318	1330	1339	rBV4	15846	33558	0.29%	0.036%
12	5.751	1353	1372	1399	rBV2	850348	2153924	18.57%	2.332%
13	5.870	1400	1409	1420	rVB3	13234	25823	0.22%	0.028%
14	5.944	1420	1432	1442	rBV5	9647	18708	0.16%	0.020%
15	6.012	1442	1453	1465	rVB3	18381	39041	0.34%	0.042%
16	6.279	1519	1536	1554	rBV	708122	1349981	11.64%	1.461%
17	6.719	1658	1673	1685	rBV	511442	1035416	8.93%	1.121%
18	6.783	1686	1693	1704	rVB2	108970	200521	1.73%	0.217%
19	6.886	1716	1725	1738	rVB2	20885	38103	0.33%	0.041%
20	7.002	1751	1761	1773	rVB5	12816	22928	0.20%	0.025%
21	7.092	1773	1789	1803	rBV4	24697	57073	0.49%	0.062%
22	7.256	1832	1840	1856	rVB3	27136	57444	0.50%	0.062%
23	7.446	1890	1899	1908	rBV2	17576	28247	0.24%	0.031%
24	7.520	1908	1922	1929	rBV2	112877	200656	1.73%	0.217%
25	7.590	1929	1944	1961	rVB	305243	606267	5.23%	0.656%
26	7.677	1961	1971	1992	rVB	115016	238560	2.06%	0.258%
27	7.877	2020	2033	2037	rBV3	127099	226471	1.95%	0.245%
28	7.922	2037	2047	2064	rVB	1035119	1861094	16.05%	2.015%
29	8.057	2074	2089	2101	rBV7	27696	79259	0.68%	0.086%
30	8.115	2102	2107	2123	rVB5	22795	39624	0.34%	0.043%
31	8.205	2123	2135	2145	rBV	223299	419354	3.62%	0.454%
32	8.262	2145	2153	2167	rVB4	104500	196044	1.69%	0.212%
33	8.388	2175	2192	2202	rBV2	52613	96495	0.83%	0.104%
34	8.462	2202	2215	2216	rBV5	15702	23977	0.21%	0.026%

LSC Area Percent Report

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Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	8.488	2216	2223	2233	rVB	40488	70041	0.60%	0.076%
36	8.552	2233	2243	2256	rVB	78422	133379	1.15%	0.144%
37	8.668	2258	2279	2302	rBV2	929945	1859360	16.03%	2.013%
38	8.777	2302	2313	2320	rBV	138405	239082	2.06%	0.259%
39	8.819	2321	2326	2336	rVV6	54577	97705	0.84%	0.106%
40	8.883	2338	2346	2355	rVB	205130	326511	2.82%	0.353%
41	8.944	2355	2365	2373	rBV2	161303	269562	2.32%	0.292%
42	9.089	2400	2410	2416	rBV3	26919	45355	0.39%	0.049%
43	9.137	2416	2425	2432	rVV	146082	229518	1.98%	0.248%
44	9.185	2432	2440	2446	rVV3	176088	309133	2.67%	0.335%
45	9.224	2446	2452	2467	rVB	199306	328025	2.83%	0.355%
46	9.352	2469	2492	2502	rBV	305303	507338	4.38%	0.549%
47	9.439	2507	2519	2532	rBV	1015142	1735663	14.97%	1.879%
48	9.529	2541	2547	2553	rVB	32231	41572	0.36%	0.045%
49	9.581	2553	2563	2576	rVB5	95142	190960	1.65%	0.207%
50	9.713	2576	2604	2618	rBV	6590068	11596083	100.00%	12.553%
51	9.777	2618	2624	2648	rVB4	170057	344419	2.97%	0.373%
52	9.899	2648	2662	2674	rBV6	63514	162621	1.40%	0.176%
53	9.970	2675	2684	2693	rBV2	42912	78515	0.68%	0.085%
54	10.034	2693	2704	2718	rBV4	365609	933390	8.05%	1.010%
55	10.134	2728	2735	2744	rVB4	184472	260351	2.25%	0.282%
56	10.185	2746	2751	2759	rVB3	130268	184597	1.59%	0.200%
57	10.266	2759	2776	2790	rBV4	814316	1831769	15.80%	1.983%
58	10.333	2791	2797	2799	rBV4	80262	92913	0.80%	0.101%
59	10.372	2800	2809	2816	rBV3	602721	1068666	9.22%	1.157%
60	10.407	2816	2820	2832	rVB2	531661	810869	6.99%	0.878%
61	10.484	2833	2844	2845	rBV3	203276	263465	2.27%	0.285%
62	10.571	2857	2871	2882	rBV5	532263	1205053	10.39%	1.304%
63	10.639	2883	2892	2899	rVV	593701	830017	7.16%	0.899%
64	10.687	2899	2907	2926	rVB	1213311	1939192	16.72%	2.099%
65	10.777	2926	2935	2942	rBV	805128	1311658	11.31%	1.420%
66	10.822	2943	2949	2961	rVB7	574208	1101714	9.50%	1.193%
67	10.883	2961	2968	2973	rBV2	236193	343335	2.96%	0.372%
68	11.018	3001	3010	3022	rBV2	882333	1940727	16.74%	2.101%
69	11.079	3023	3029	3033	rBV2	498050	694051	5.99%	0.751%
70	11.256	3079	3084	3090	rBV2	111887	137719	1.19%	0.149%
71	11.323	3091	3105	3117	rBV7	603484	1324499	11.42%	1.434%

LSC Area Percent Report

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Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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	11.391	3118	3126	3131	rVV4	512472	850858	7.34%	0.921%
73	11.430	3131	3138	3144	rVV	1550589	2336176	20.15%	2.529%
74	11.478	3144	3153	3178	rVB2	3526675	7749448	66.83%	8.389%
75	11.590	3178	3188	3197	rBV2	997259	1861562	16.05%	2.015%
76	11.655	3203	3208	3215	rVB4	331596	432719	3.73%	0.468%
77	11.712	3216	3226	3236	rBV3	3296882	5861375	50.55%	6.345%
78	11.828	3252	3262	3272	rBV3	1345819	2327369	20.07%	2.519%
79	11.883	3272	3279	3281	rVV	535723	689302	5.94%	0.746%
80	11.909	3283	3287	3293	rVV	977742	1433856	12.37%	1.552%
81	11.957	3294	3302	3306	rVV	2385741	3837567	33.09%	4.154%
82	11.986	3307	3311	3325	rVB	2331153	3110948	26.83%	3.368%
83	12.137	3339	3358	3363	rBV4	863601	2006326	17.30%	2.172%
84	12.204	3364	3379	3394	rVB10	2179494	6455310	55.67%	6.988%
85	12.343	3415	3422	3431	rVB5	467234	790841	6.82%	0.856%
86	12.397	3432	3439	3456	rVB7	585068	1656454	14.28%	1.793%
87	12.484	3458	3466	3469	rBV	334086	489867	4.22%	0.530%
88	12.847	3568	3579	3588	rVB9	234109	558629	4.82%	0.605%
89	12.950	3603	3611	3618	rBV3	221501	404992	3.49%	0.438%
90	13.050	3633	3642	3656	rBV2	284525	698732	6.03%	0.756%
91	13.172	3672	3680	3692	rVB5	496294	971417	8.38%	1.052%
92	13.307	3717	3722	3731	rVB3	148915	209170	1.80%	0.226%
93	13.478	3766	3775	3789	rBV4	250444	493030	4.25%	0.534%
94	13.867	3888	3896	3907	rBV4	40029	78530	0.68%	0.085%
95	14.114	3965	3973	3982	rVB	159409	242013	2.09%	0.262%
96	14.230	4001	4009	4023	rVB2	45653	97060	0.84%	0.105%
97	14.995	4239	4247	4261	rVB4	13656	23694	0.20%	0.026%
98	15.262	4320	4330	4342	rVB3	27512	46356	0.40%	0.050%
99	15.439	4378	4385	4397	rVB2	12158	27879	0.24%	0.030%
100	16.150	4597	4606	4616	rVB3	17697	28151	0.24%	0.030%

Sum of corrected areas: 92377303

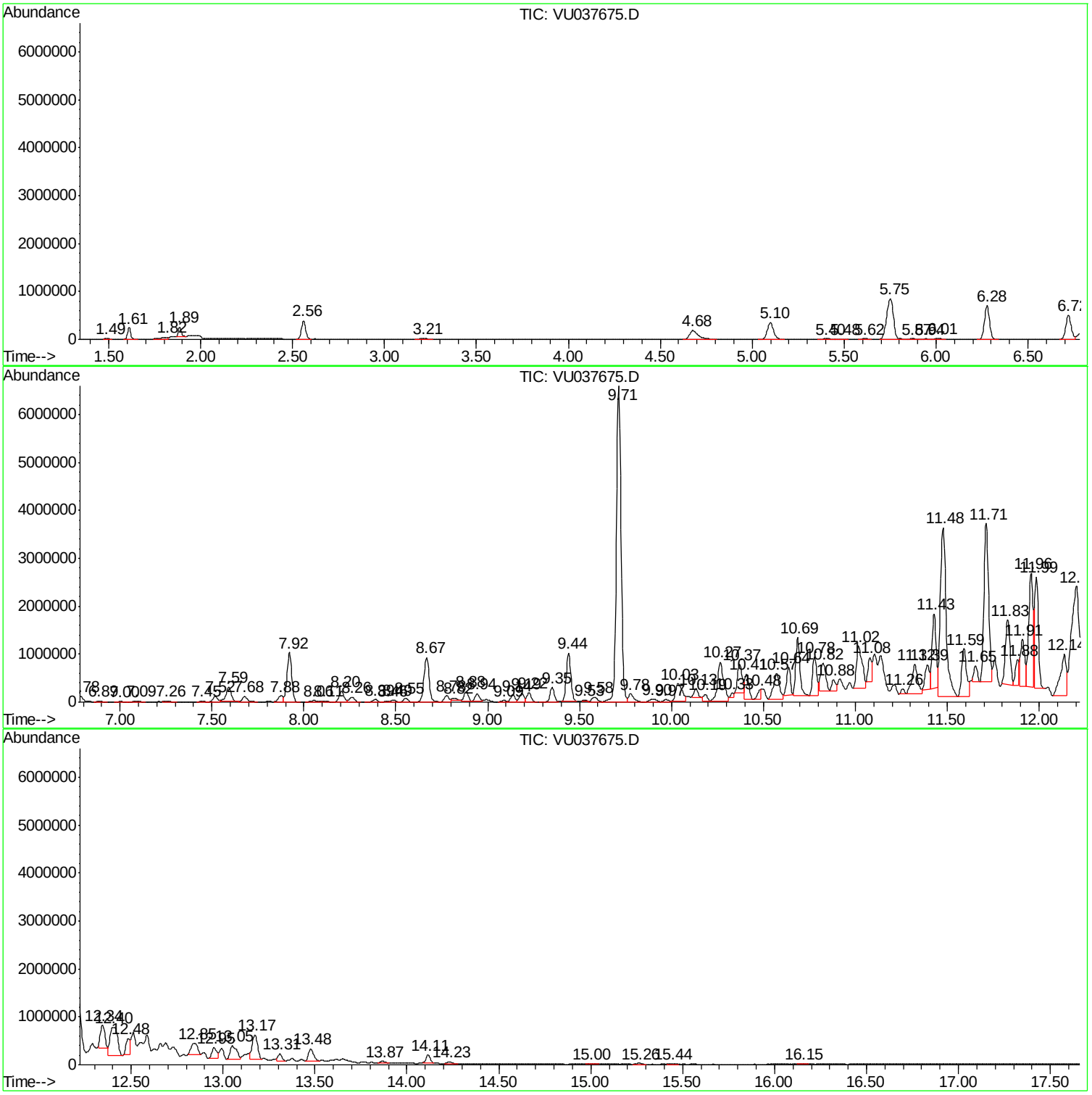
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

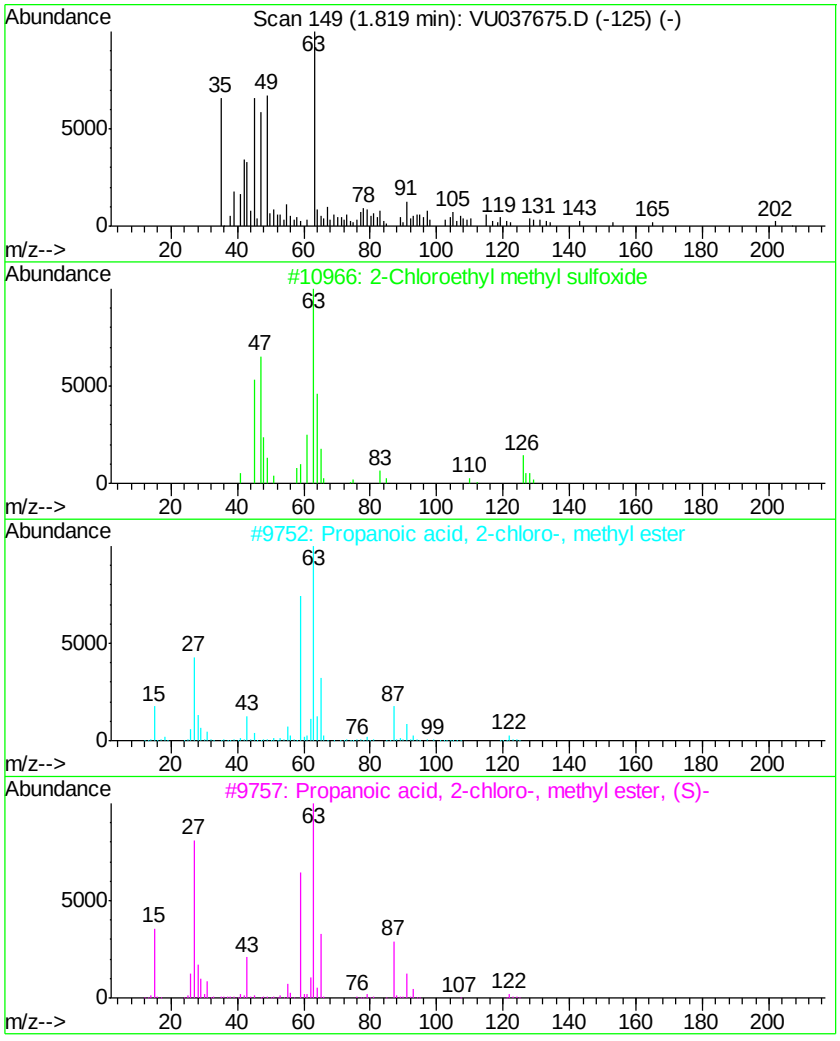
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

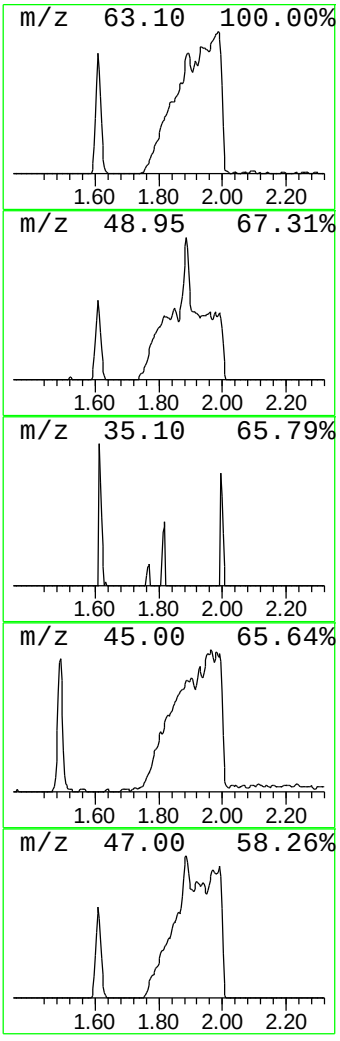
****

Peak Number 1 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	3.37 ug/L	90965	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl methyl sulfoxide	126	C3H7ClOS	005331-57-7	36
2	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	27
3	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	073246-45-4	12
4	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	077287-29-7	12
5	Phosgene	98	CCl2O	000075-44-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

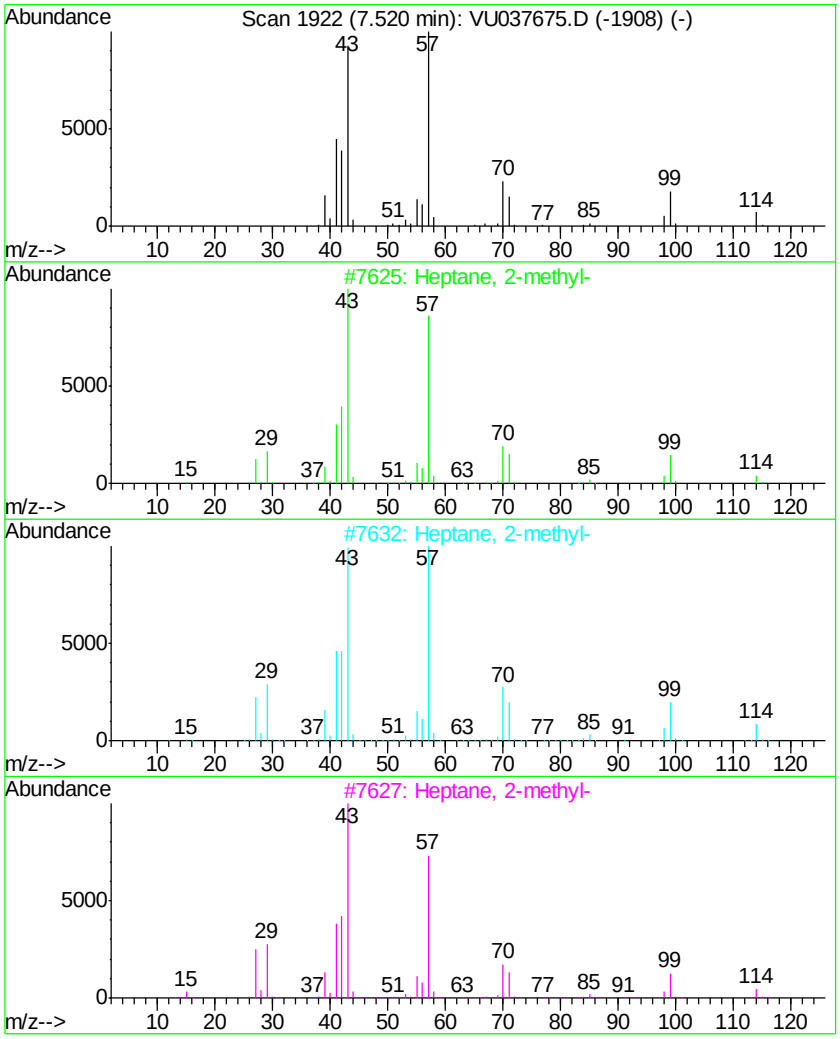
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

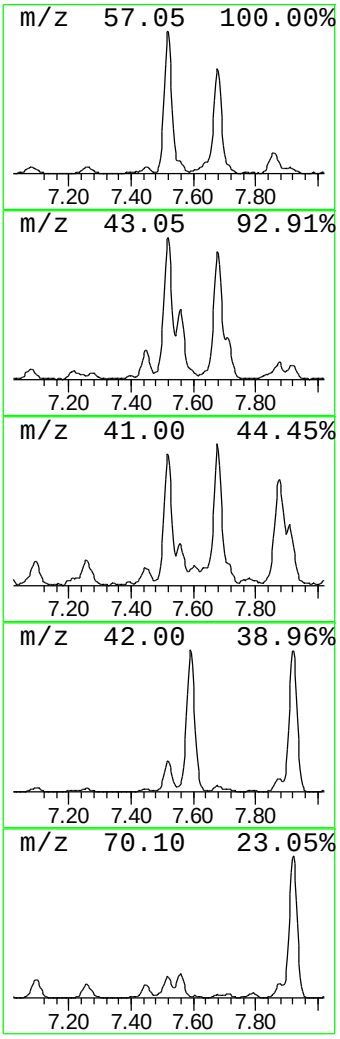
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	7.43 ug/L	200656	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

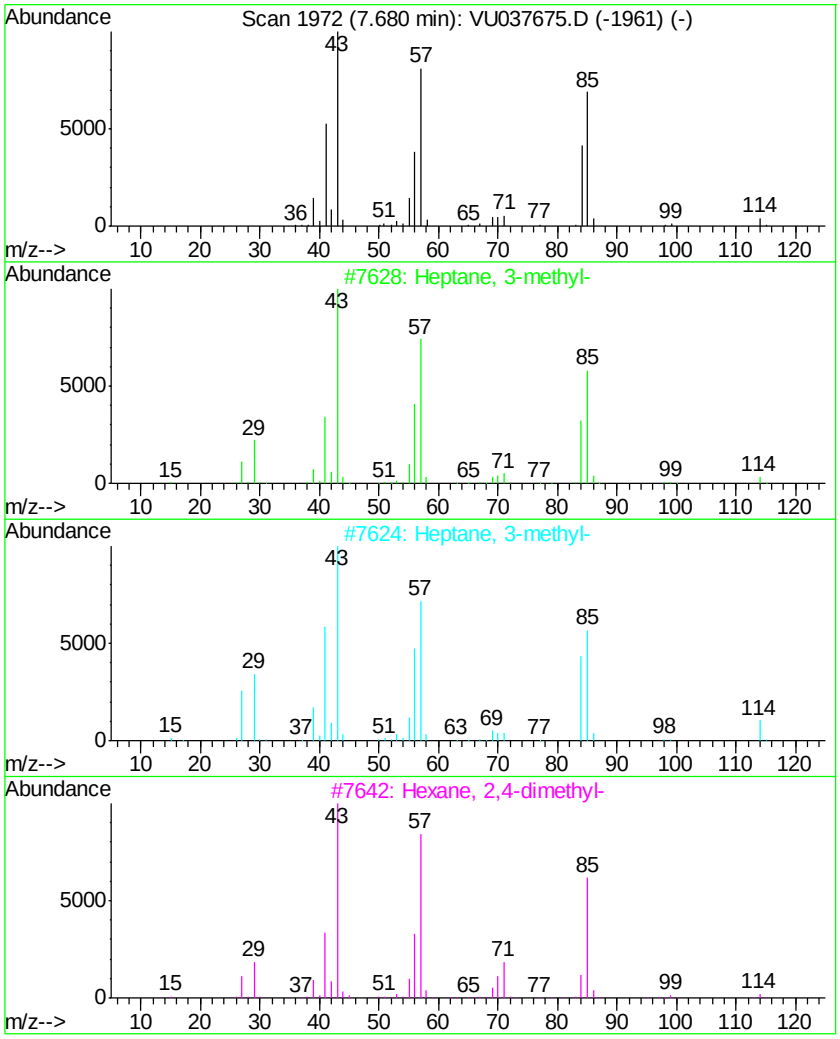
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

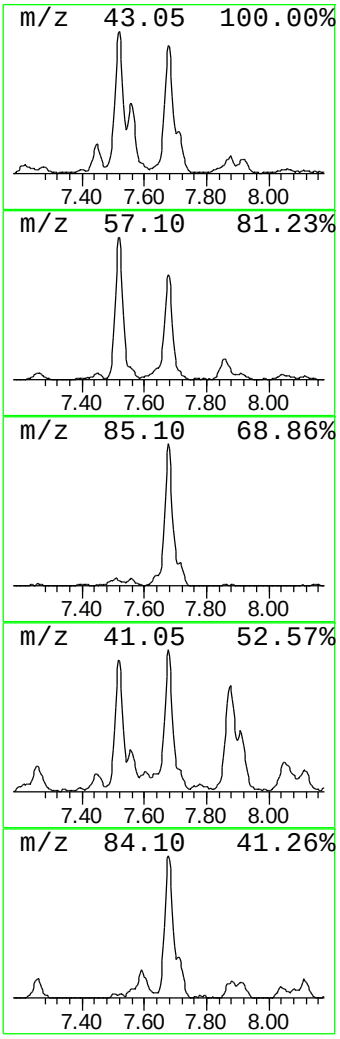
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	8.84 ug/L	238560	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	86
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

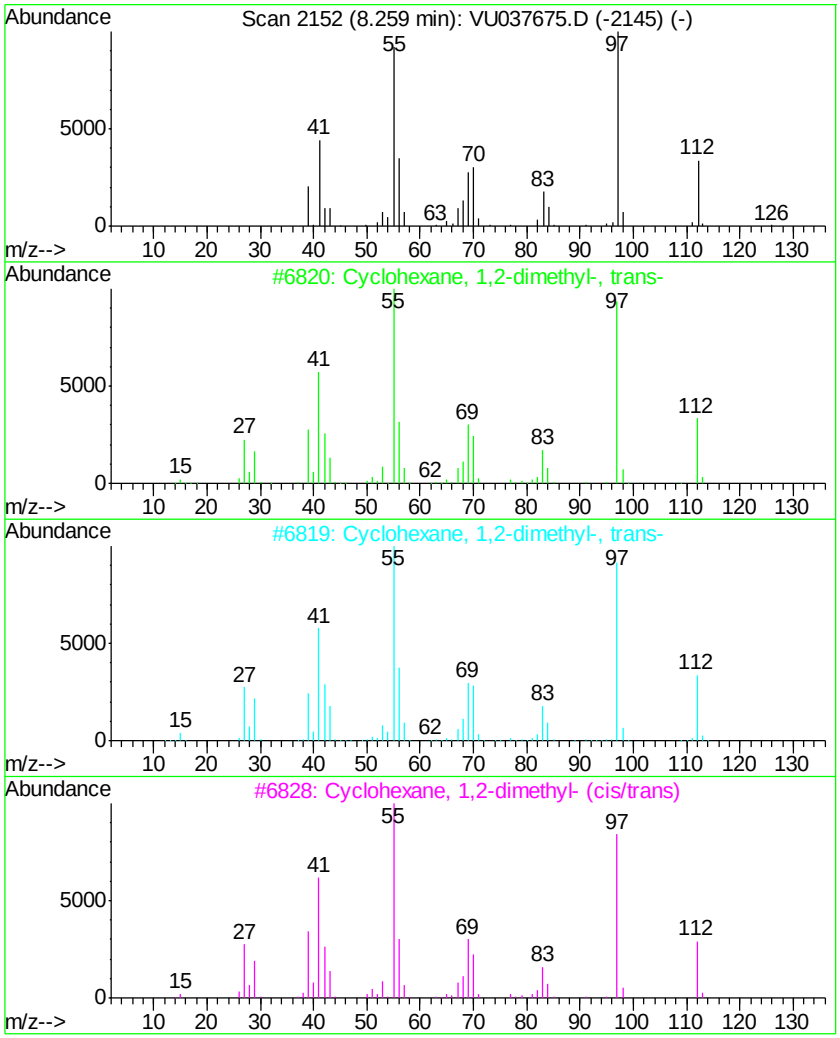
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

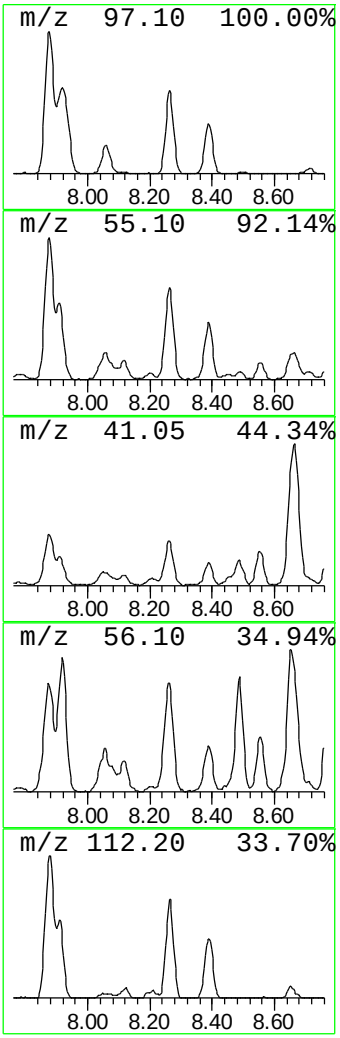
****

Peak Number 5 (DEL) Alkane: Cyclic8.26 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	5.65 ug/L	196044	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

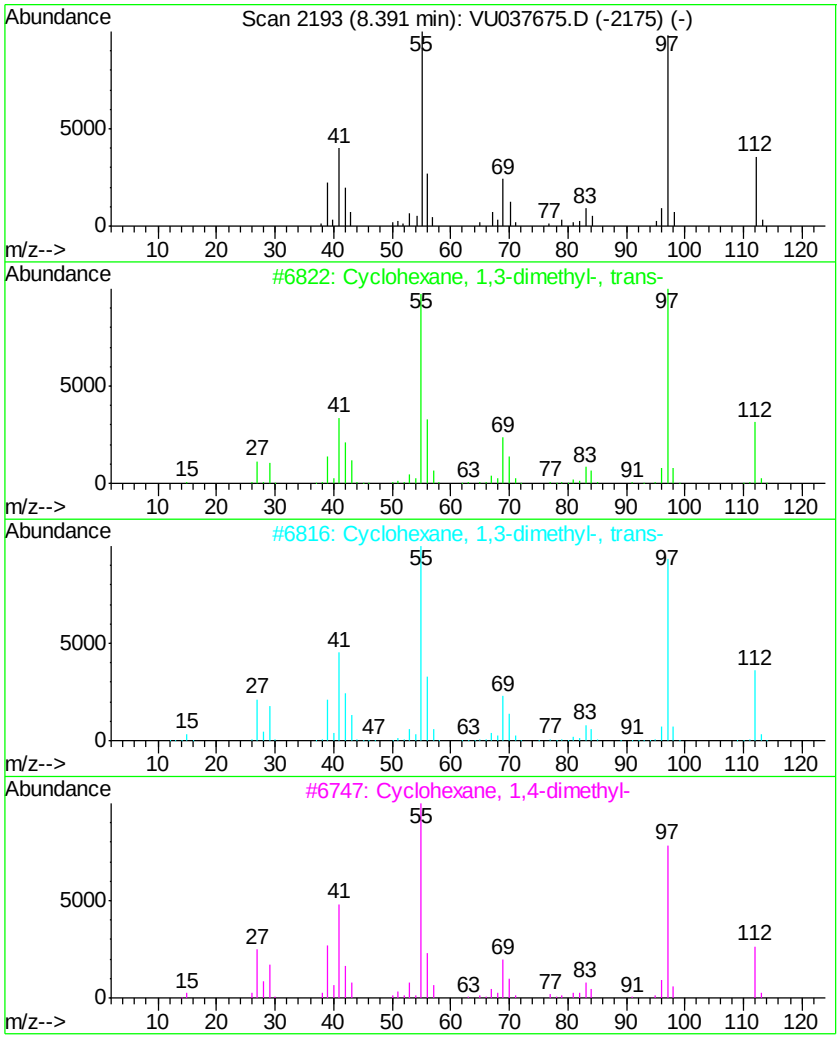
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

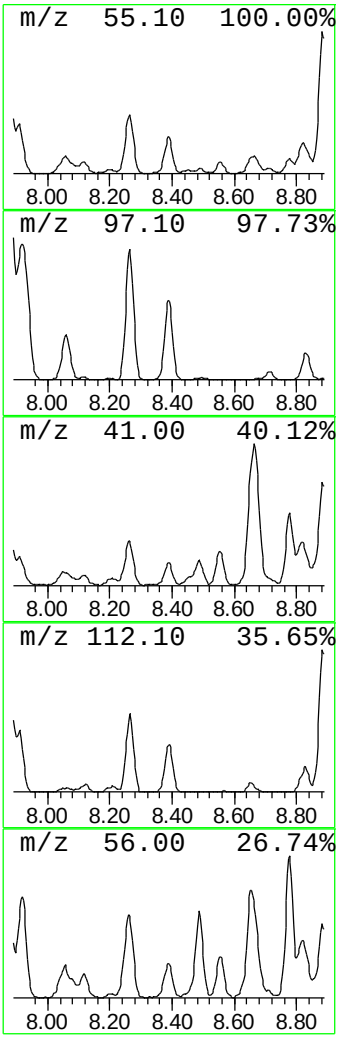
****

Peak Number 6 (DEL) Alkane: Cyclic8.39 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	2.78 ug/L	96495	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	96
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

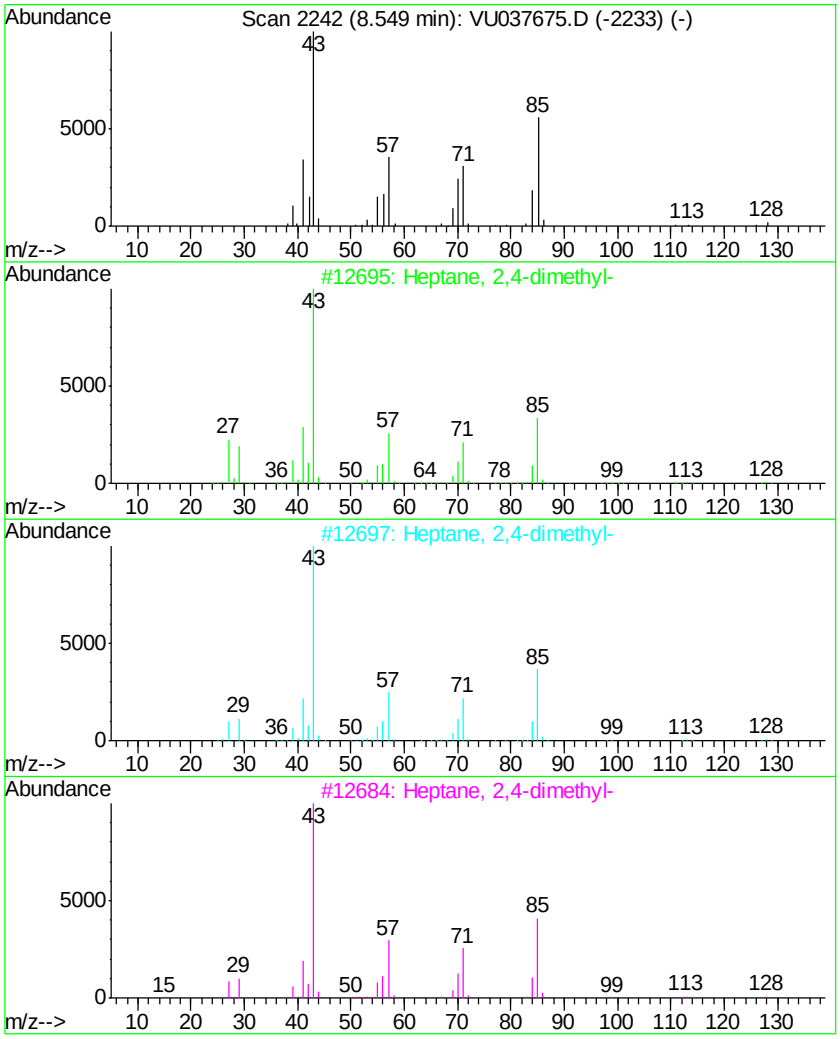
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

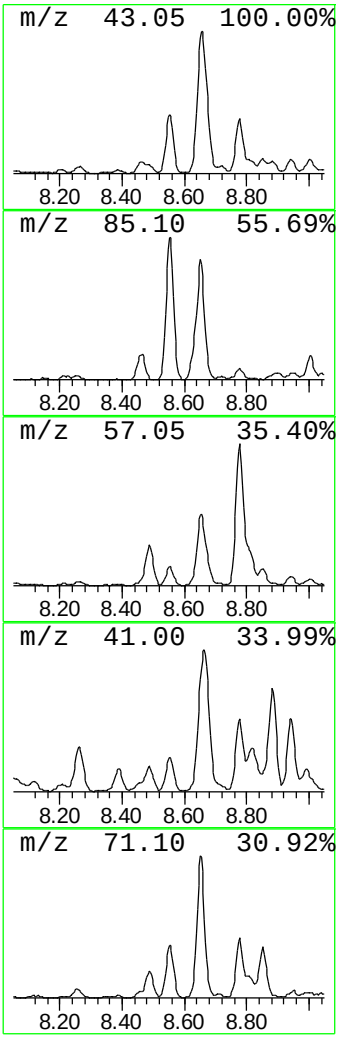
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	3.84 ug/L	133379	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	74
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Octane	114	C8H18	000111-65-9	59
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

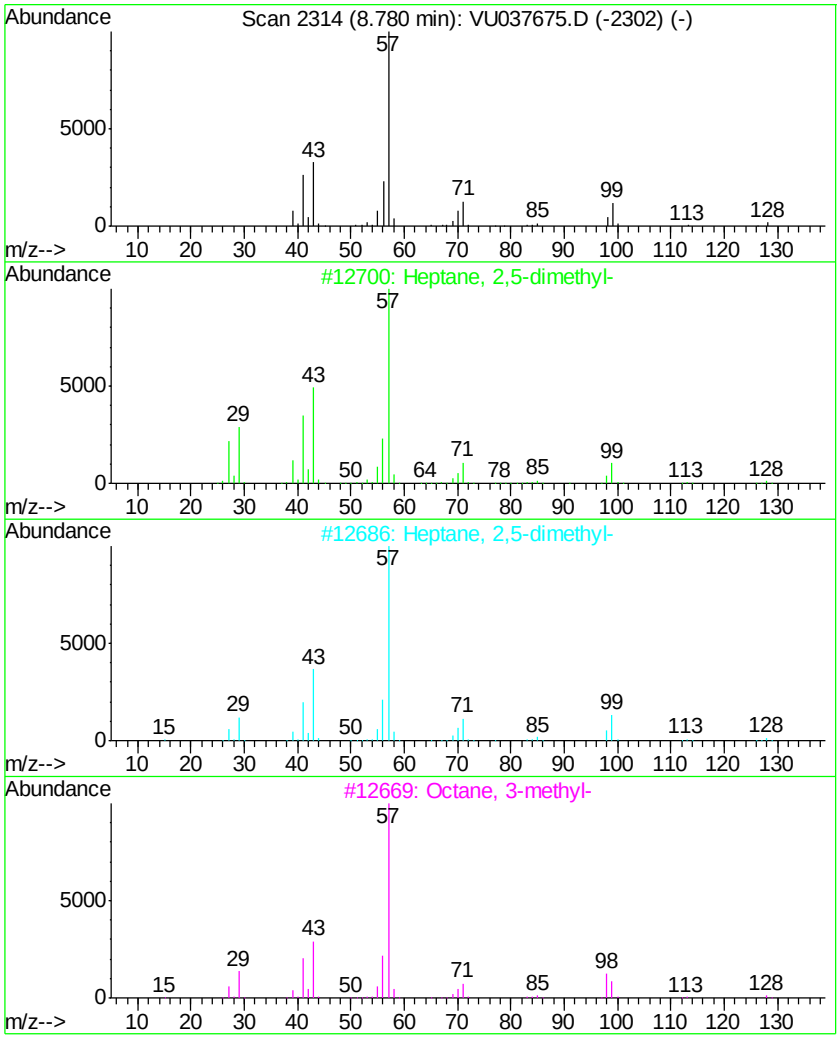
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

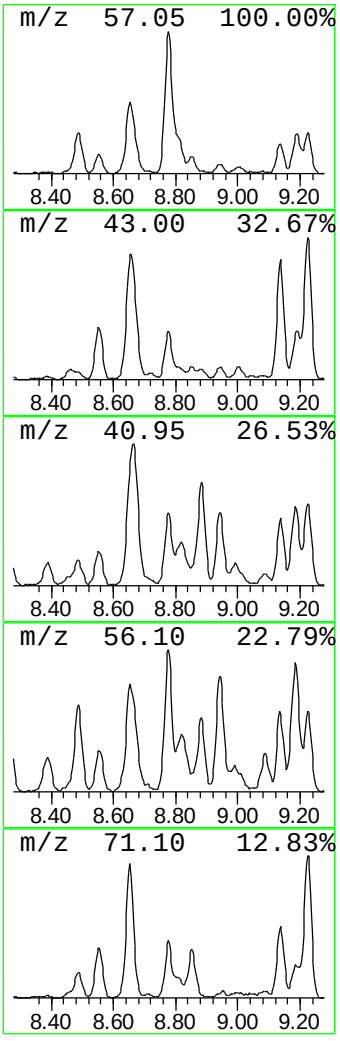
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	6.89 ug/L	239082	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	87
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

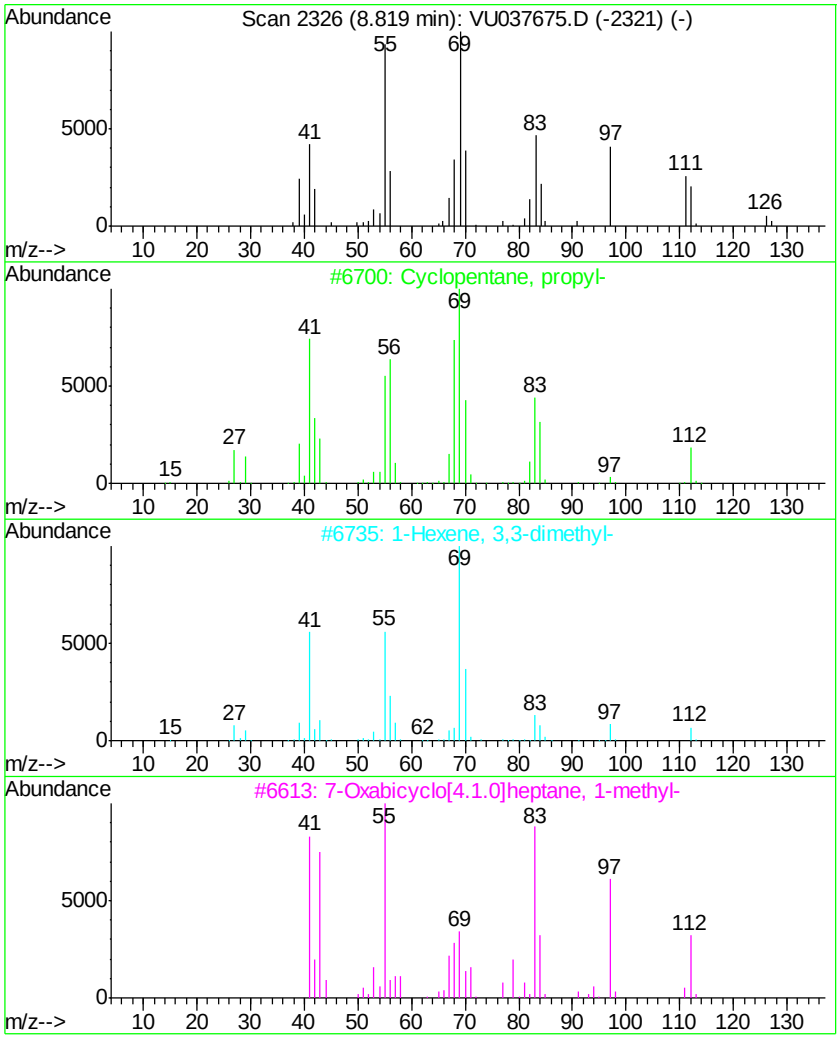
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

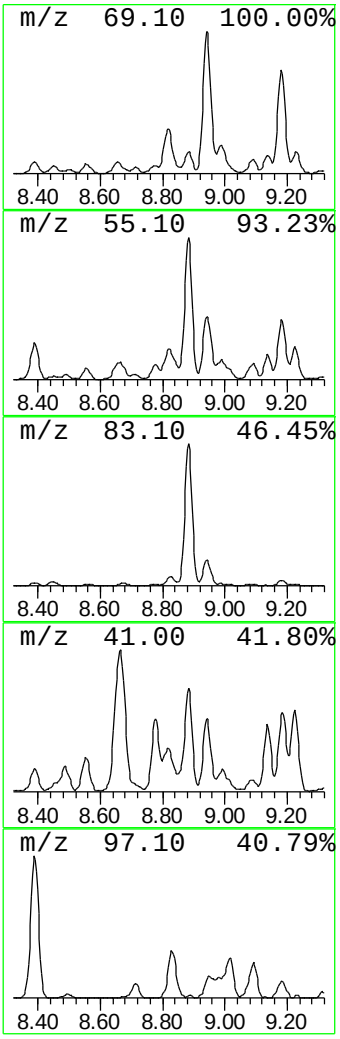
****

Peak Number 9 (DEL) Alkane: Cyclic8.82 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	2.81 ug/L	97705	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	49
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
3	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	43
4	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	35
5	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

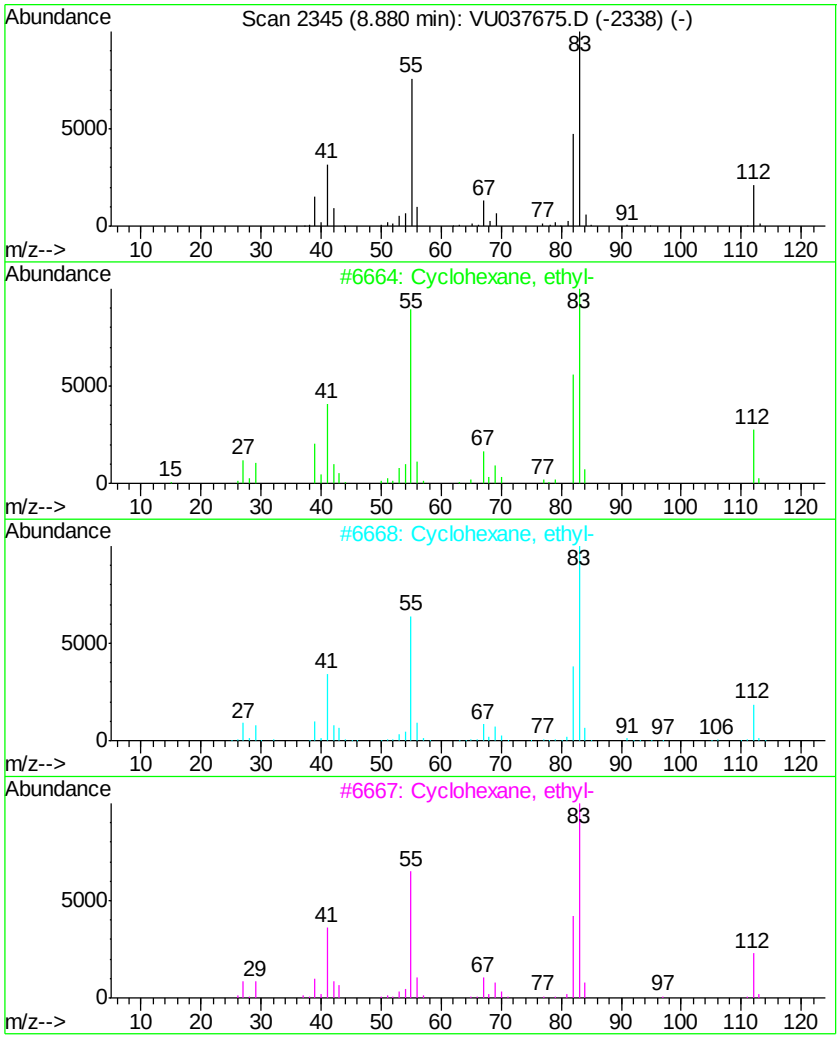
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

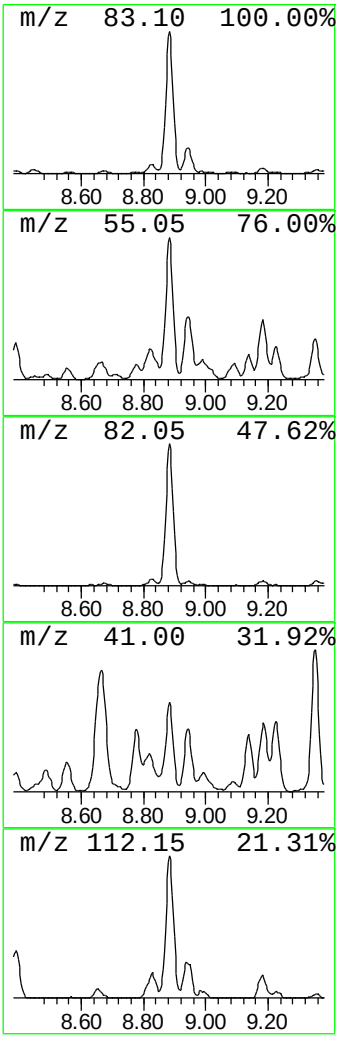
****

Peak Number 10 (DEL) Alkane: Cyclic8.88 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	9.41 ug/L	326511	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

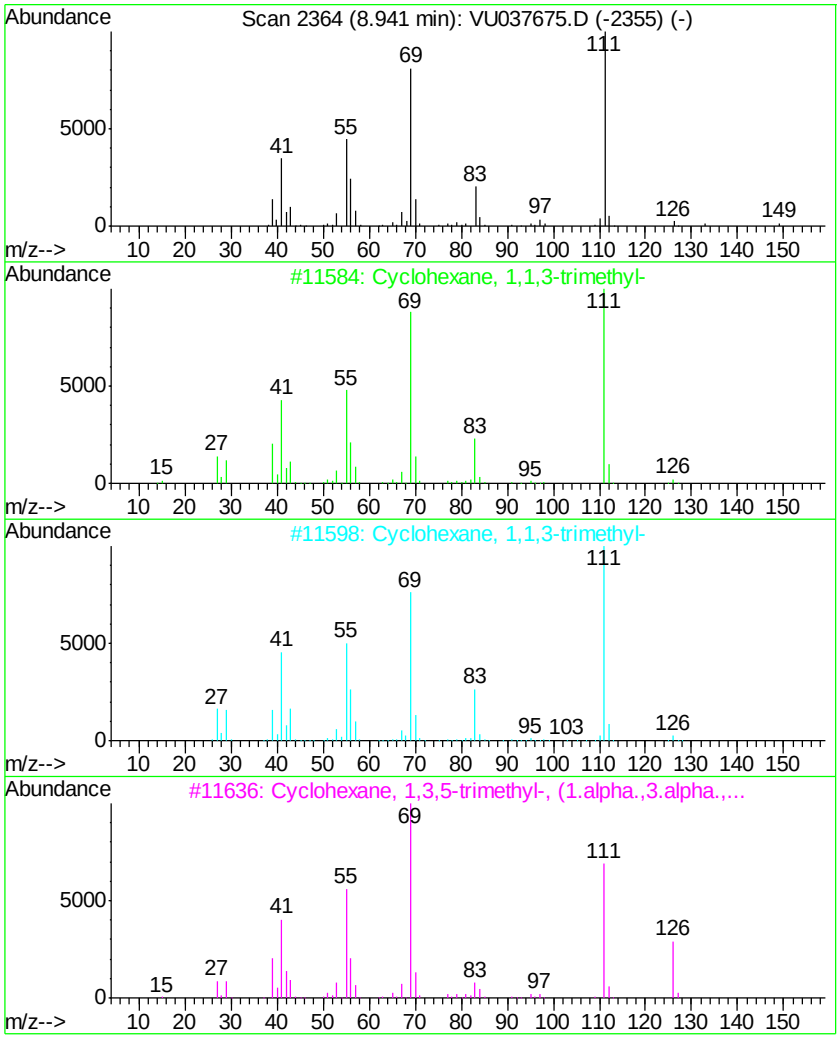
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

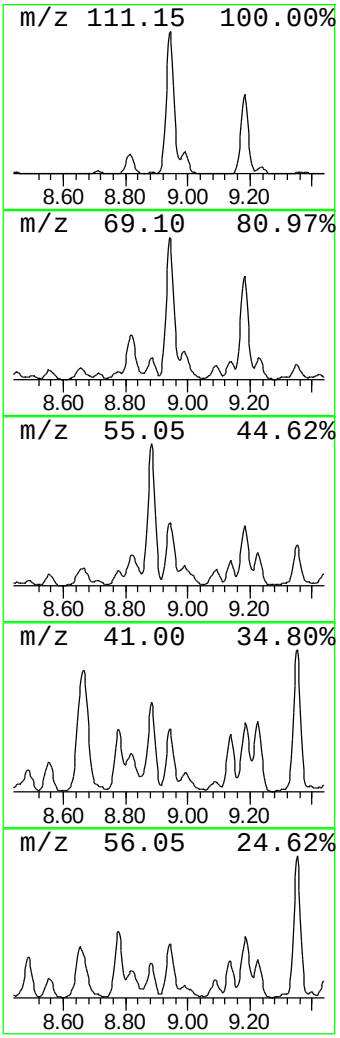
****

Peak Number 11 (DEL) Alkane: Cyclic8.94 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	7.77 ug/L	269562	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	62
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

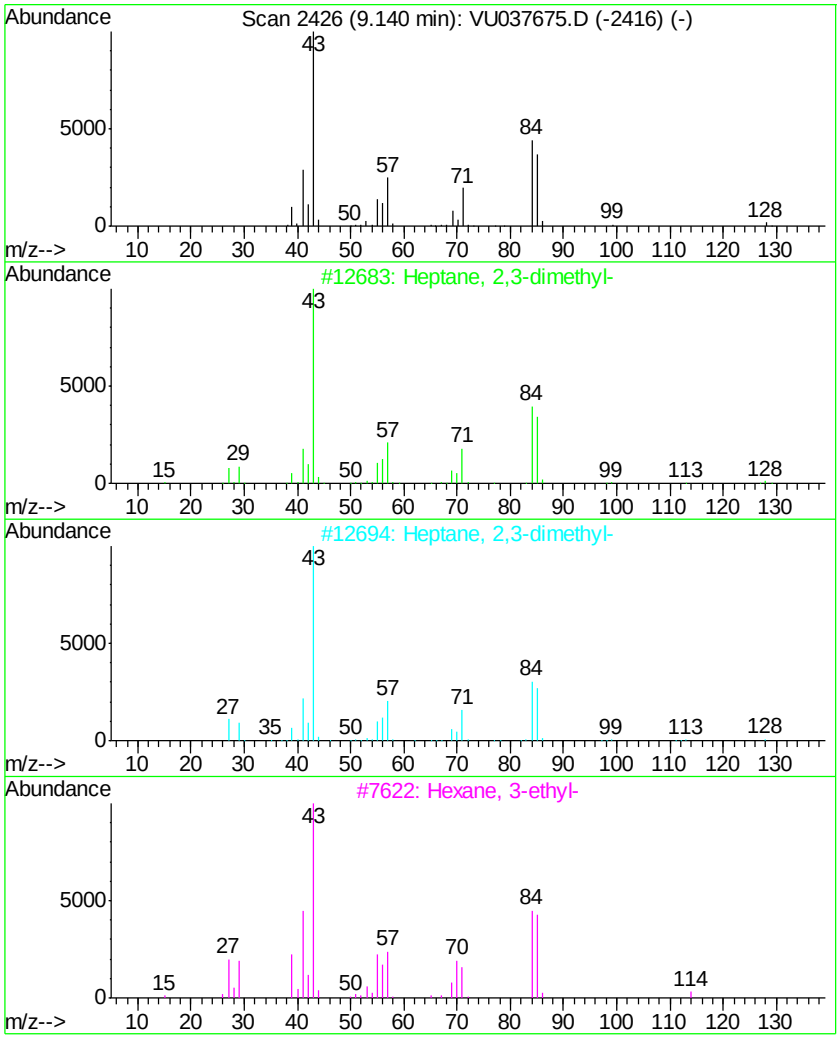
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

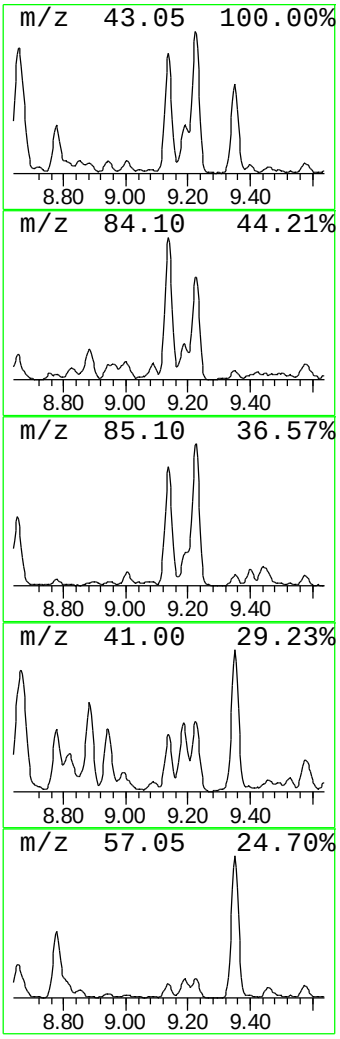
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	6.61 ug/L	229518	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	78
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	68
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

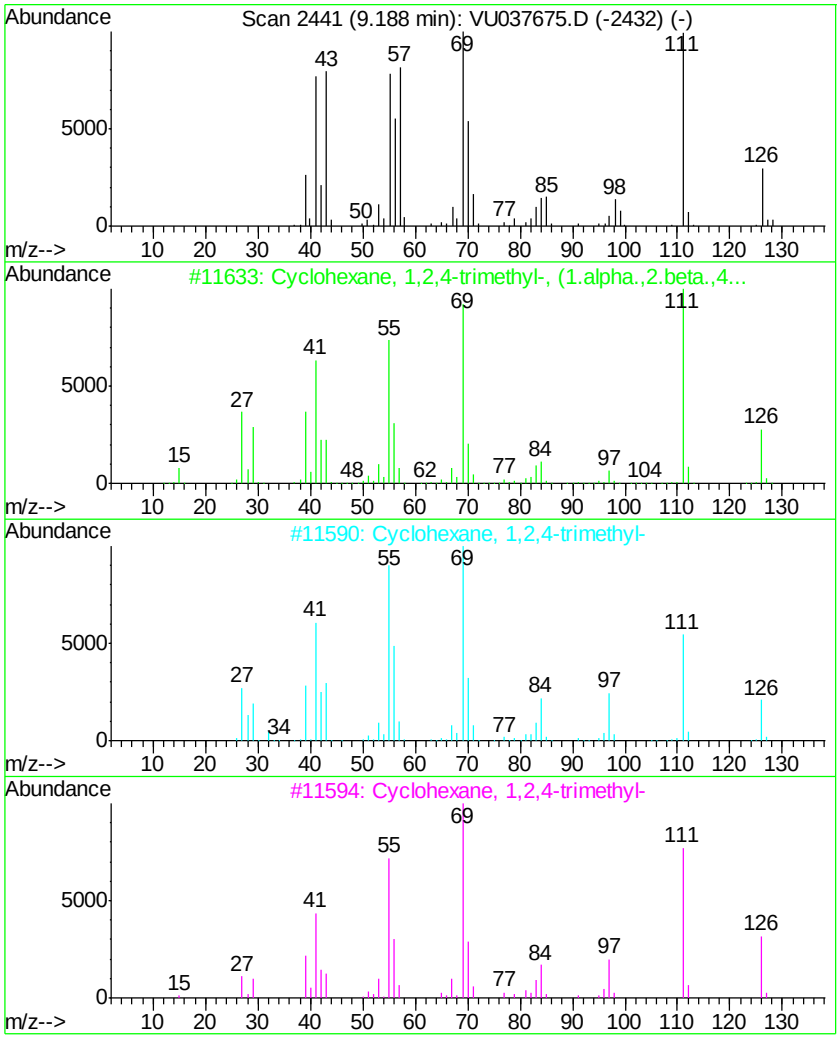
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

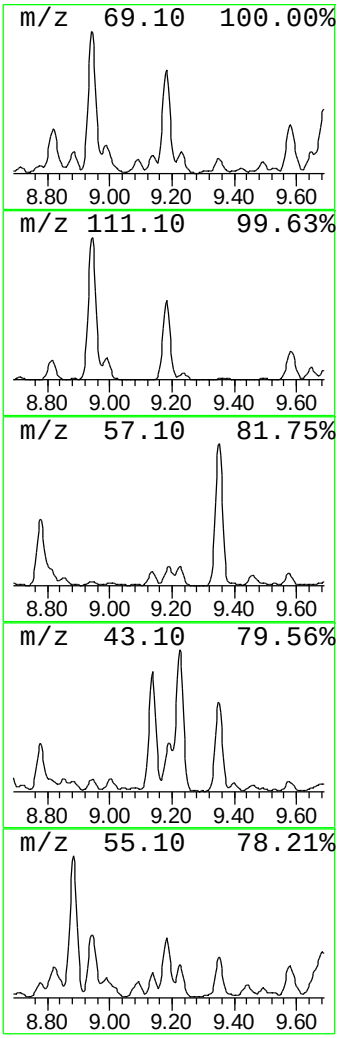
****

Peak Number 13 (DEL) Alkane: Cyclic9.19 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	8.91 ug/L	309133	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	002234-75-5	83
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

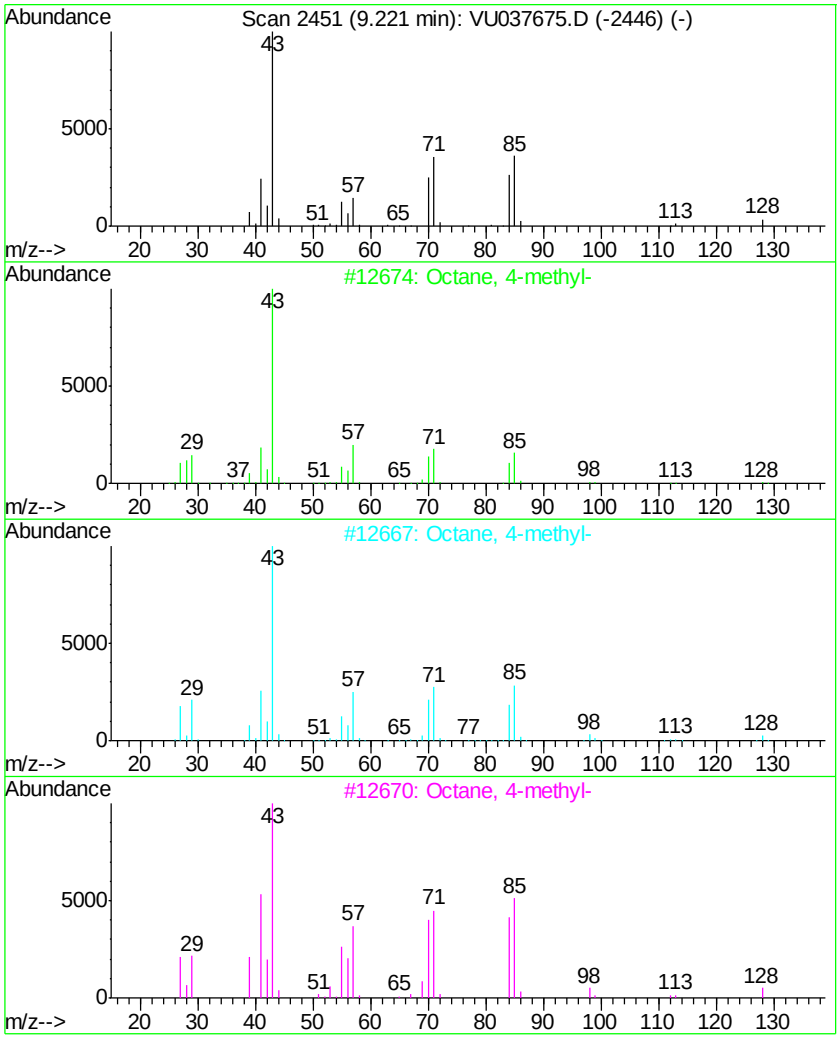
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

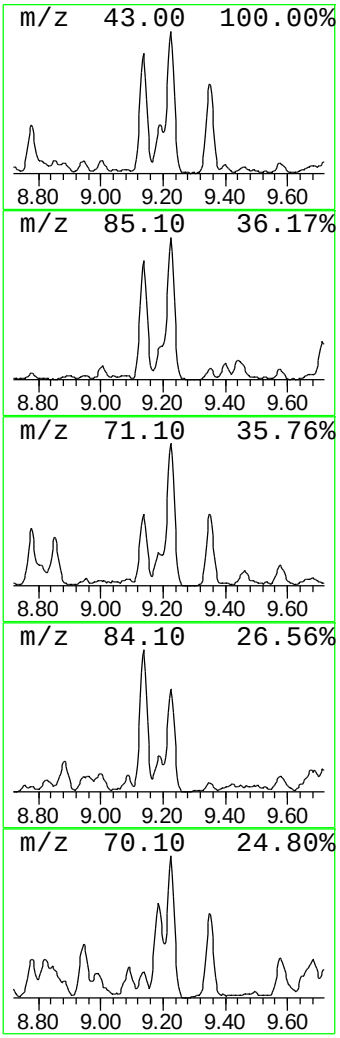
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	9.45 ug/L	328025	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Octane, 4-methyl-	128	C9H20	002216-34-4	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

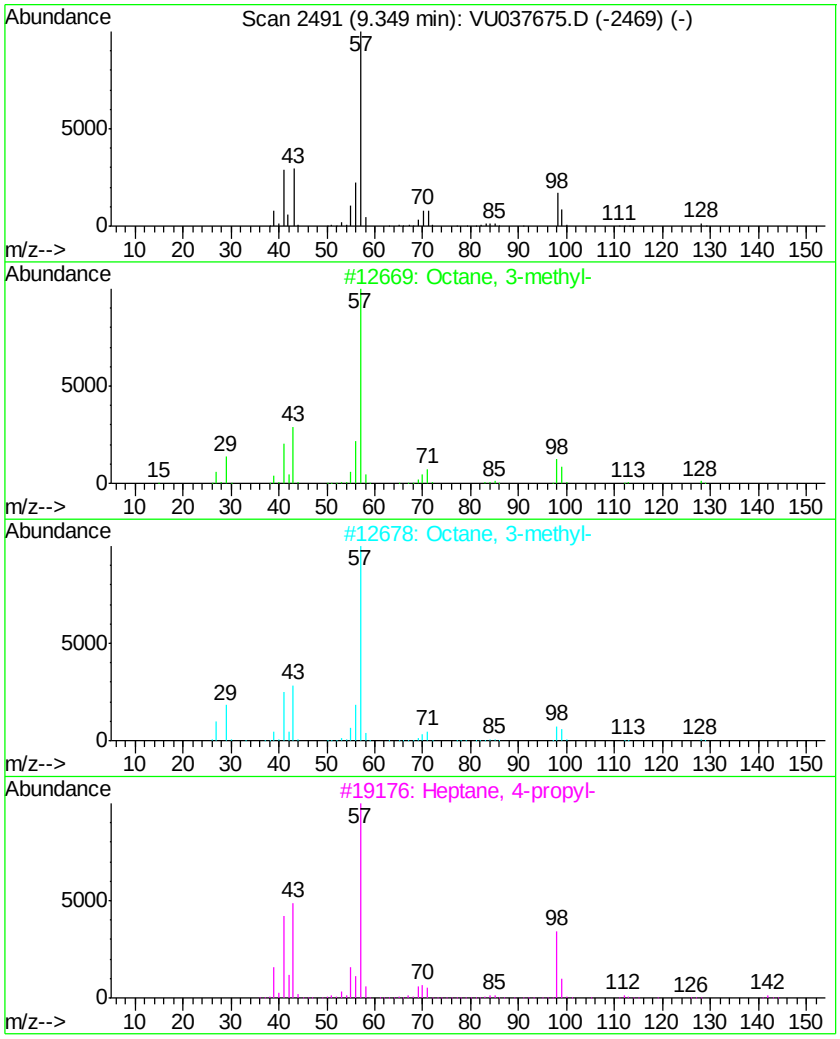
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

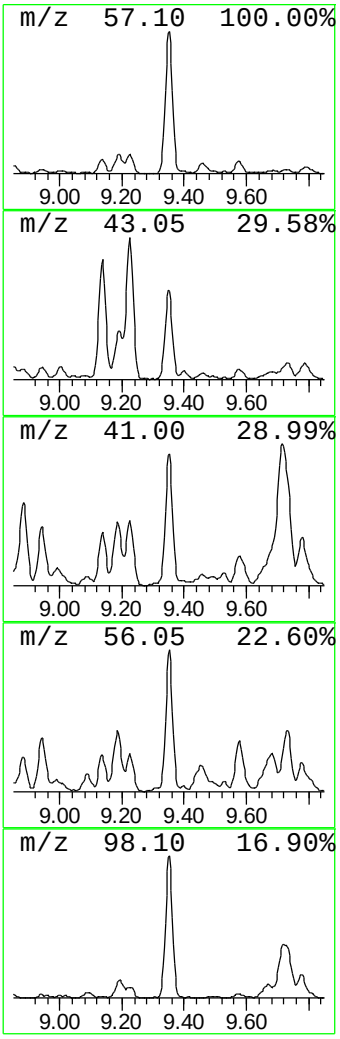
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	14.62 ug/L	507338	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	80
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5	Octane, 3-methyl-	128	C9H20	002216-33-3	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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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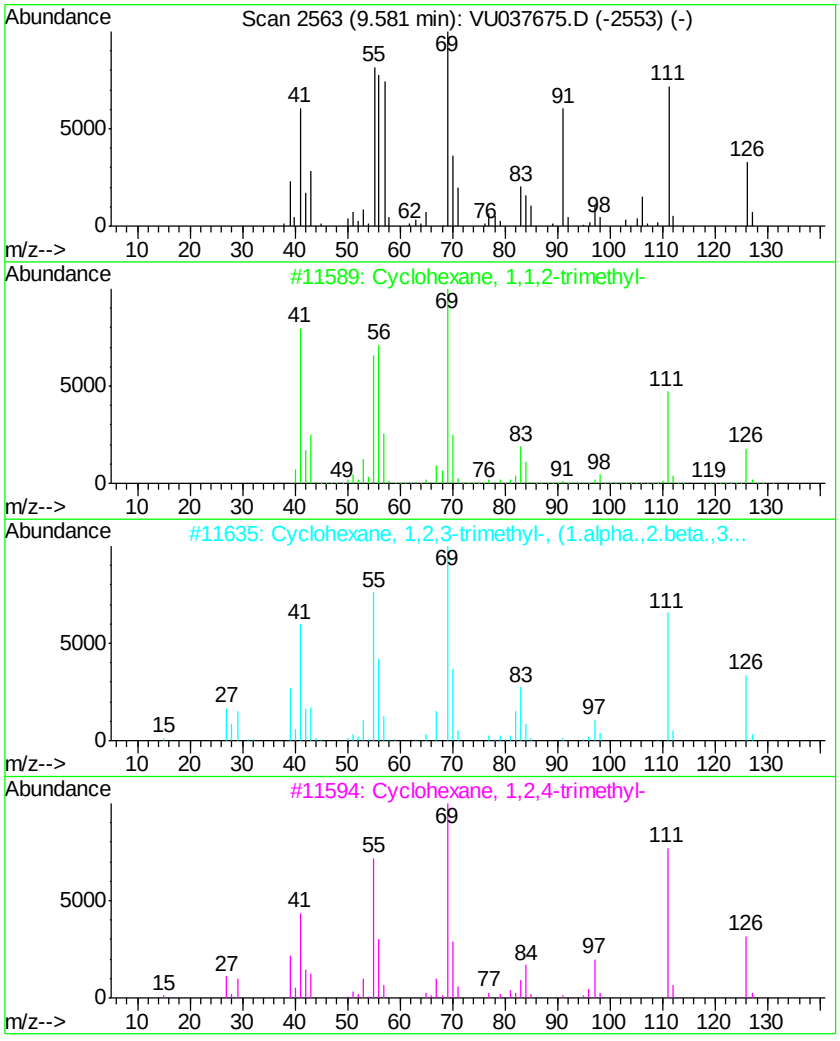
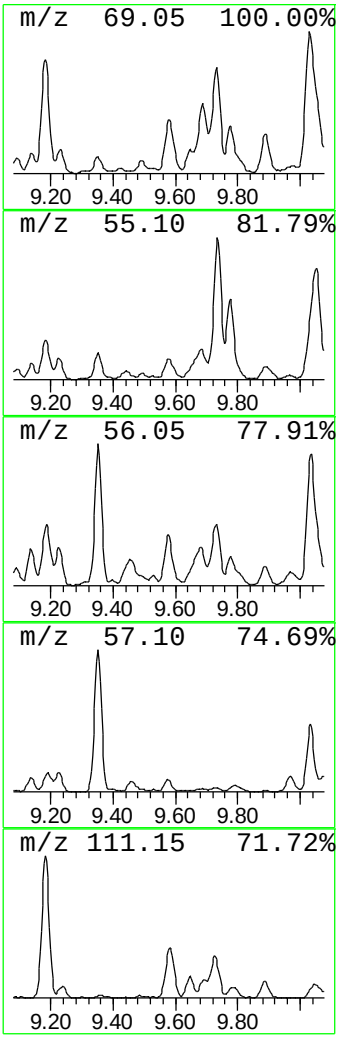
Peak Number 16 (DEL) Alkane: Cyclic9.58 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	5.50 ug/L	190960	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	81
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	64
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	55
4	Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	53
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

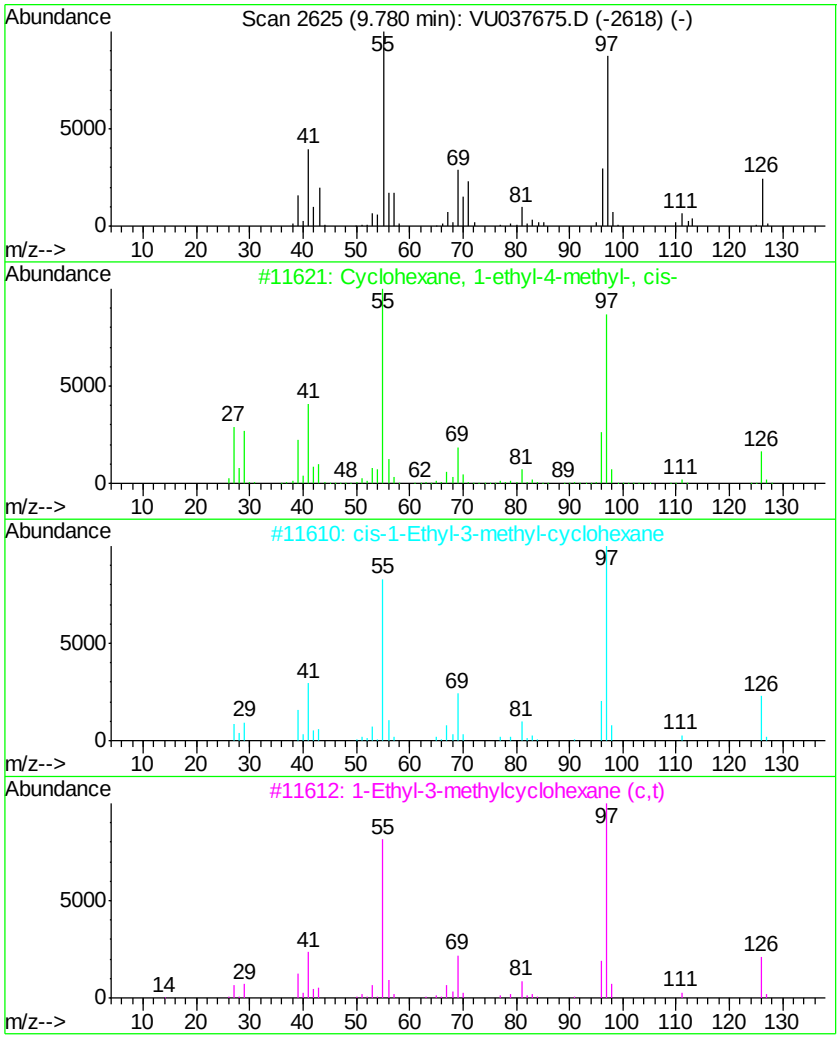
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

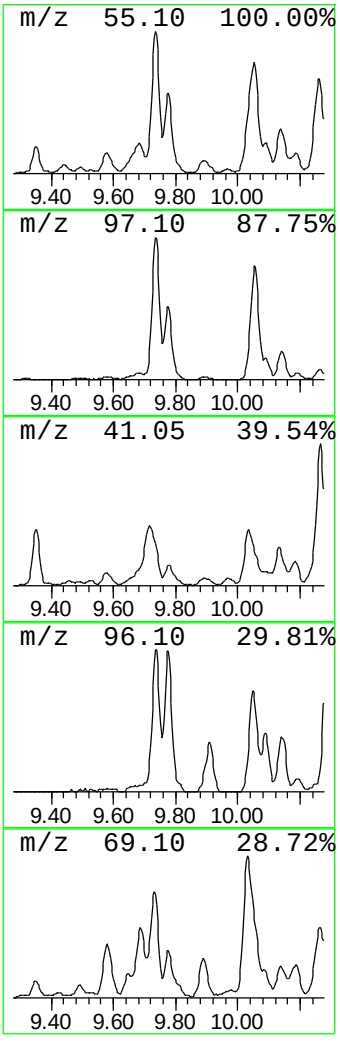
****

Peak Number 17 (DEL) Alkane: Cyclic9.78 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	9.92 ug/L	344419	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	76
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	76
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	74
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

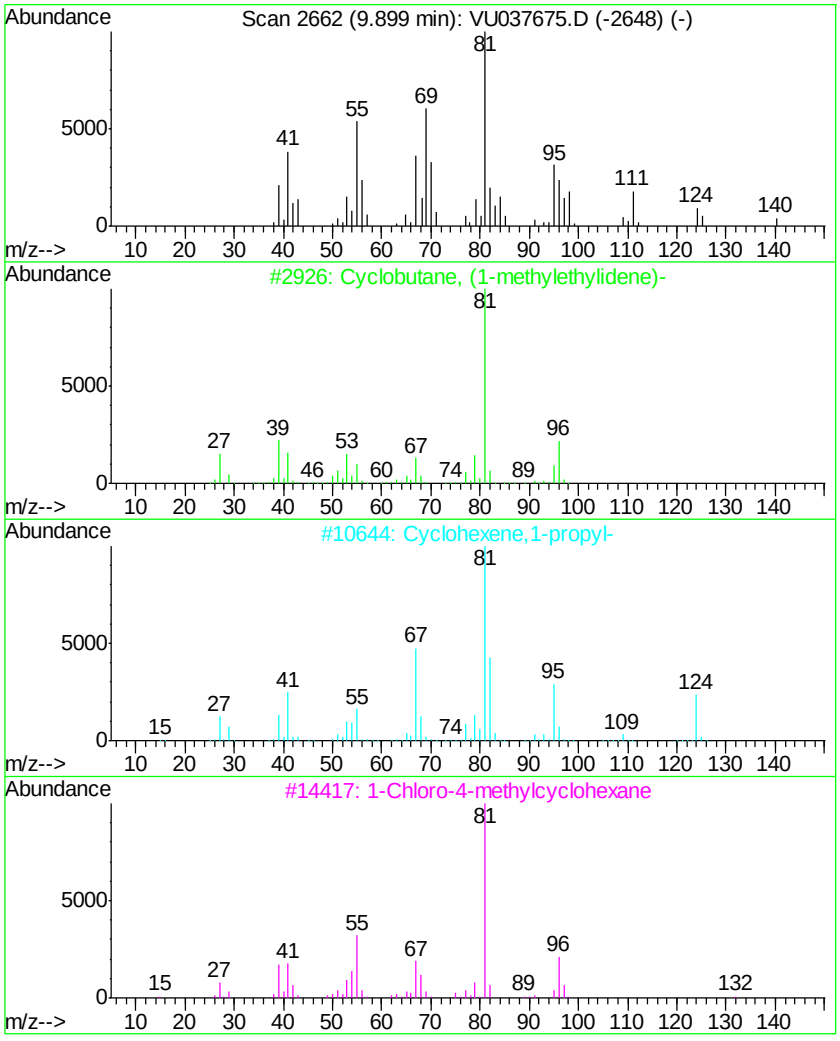
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

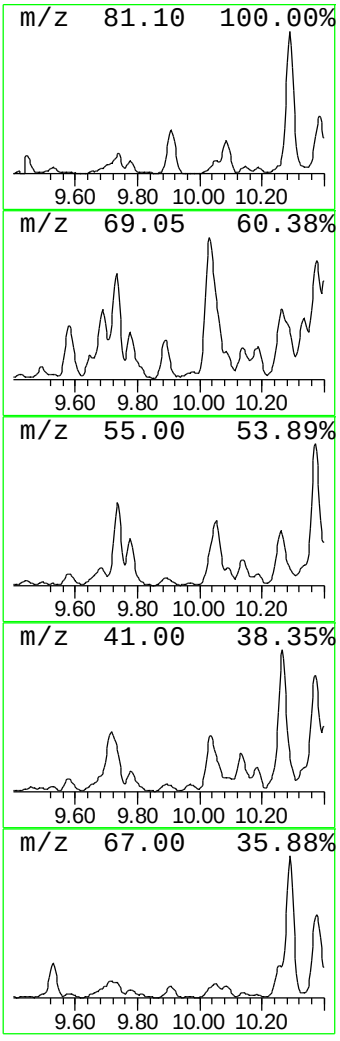
****

Peak Number 18 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	4.68 ug/L	162621	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
2	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	43
3	1-Chloro-4-methylcyclohexane	132	C7H13Cl	000931-68-0	43
4	N,N'-Dimethyl-N,N'-bis(furfuryl)...	234	C13H18N2O2	101264-94-2	38
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

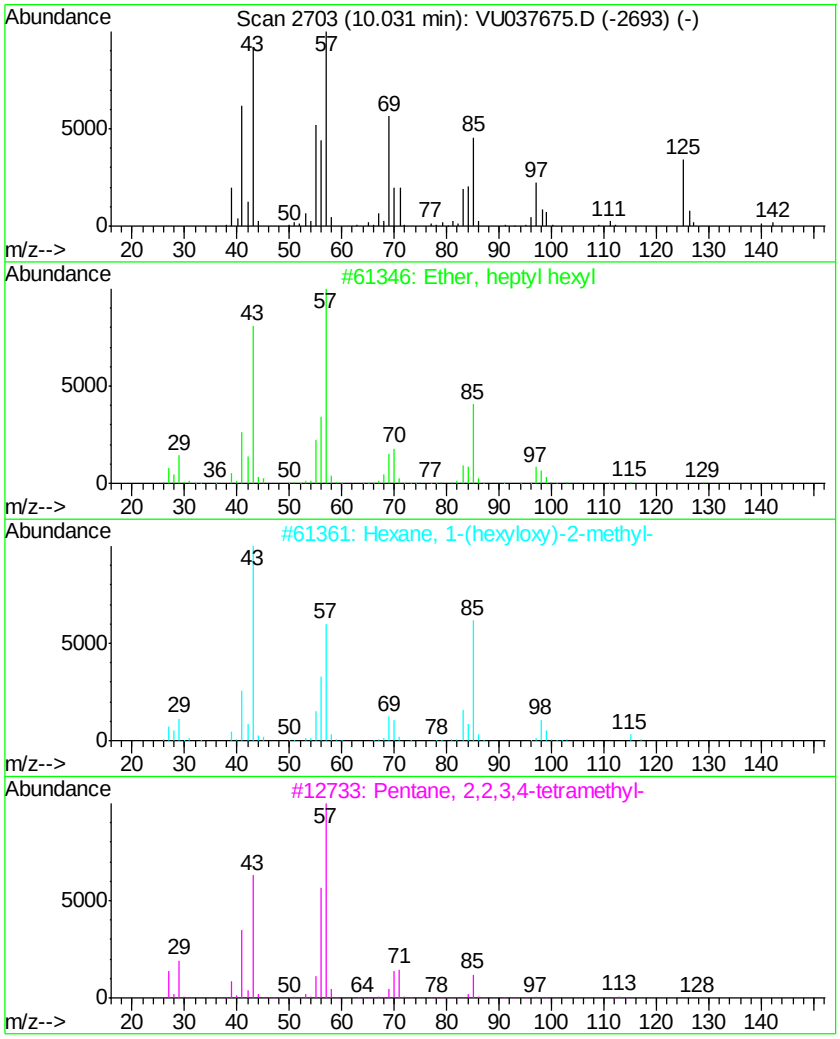
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

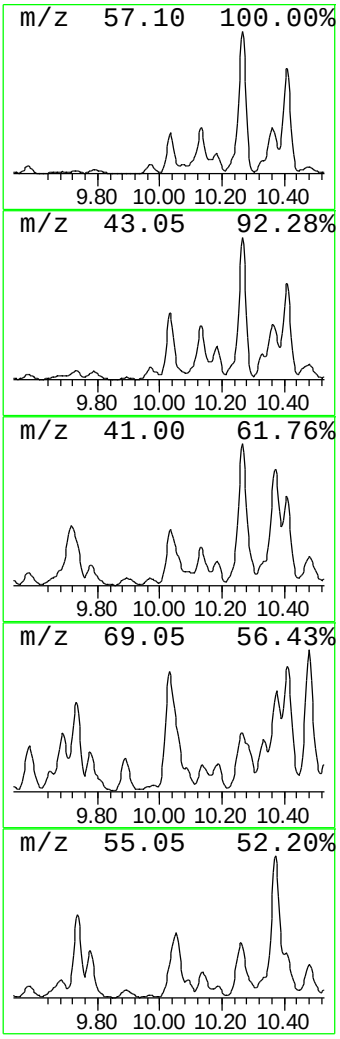
****

Peak Number 19 Ether, heptyl hexyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	26.89 ug/L	933390	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	43
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	38
5	Nonane	128	C9H20	000111-84-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

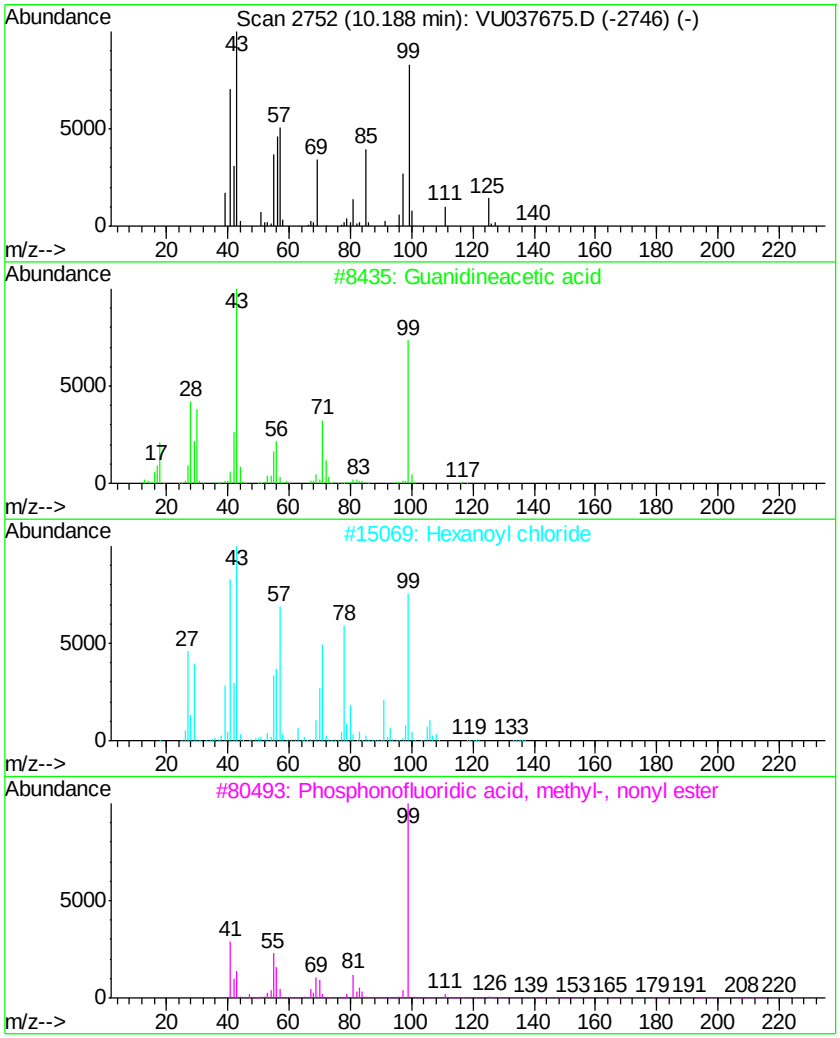
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

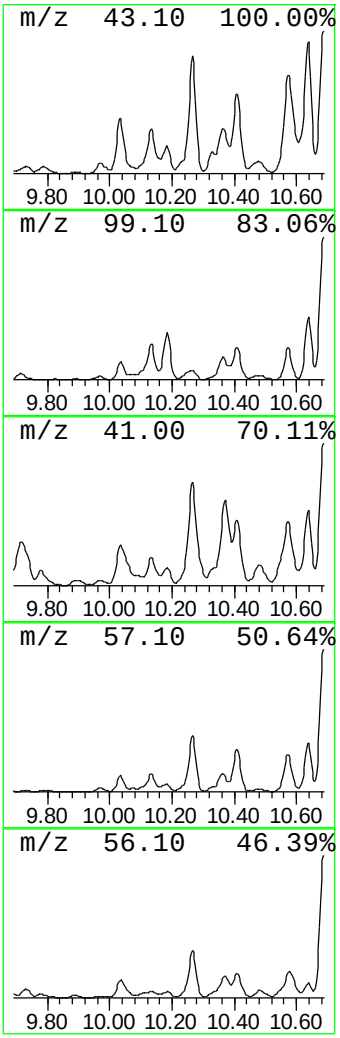
****

Peak Number 20 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	5.32 ug/L	184597	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidineacetic acid	117	C3H7N3O2	000352-97-6	47
2	Hexanoyl chloride	134	C6H11ClO	000142-61-0	43
3	Phosphonofluoridic acid, methyl-...	224	C10H22FO2P	211192-74-4	40
4	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	35
5	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

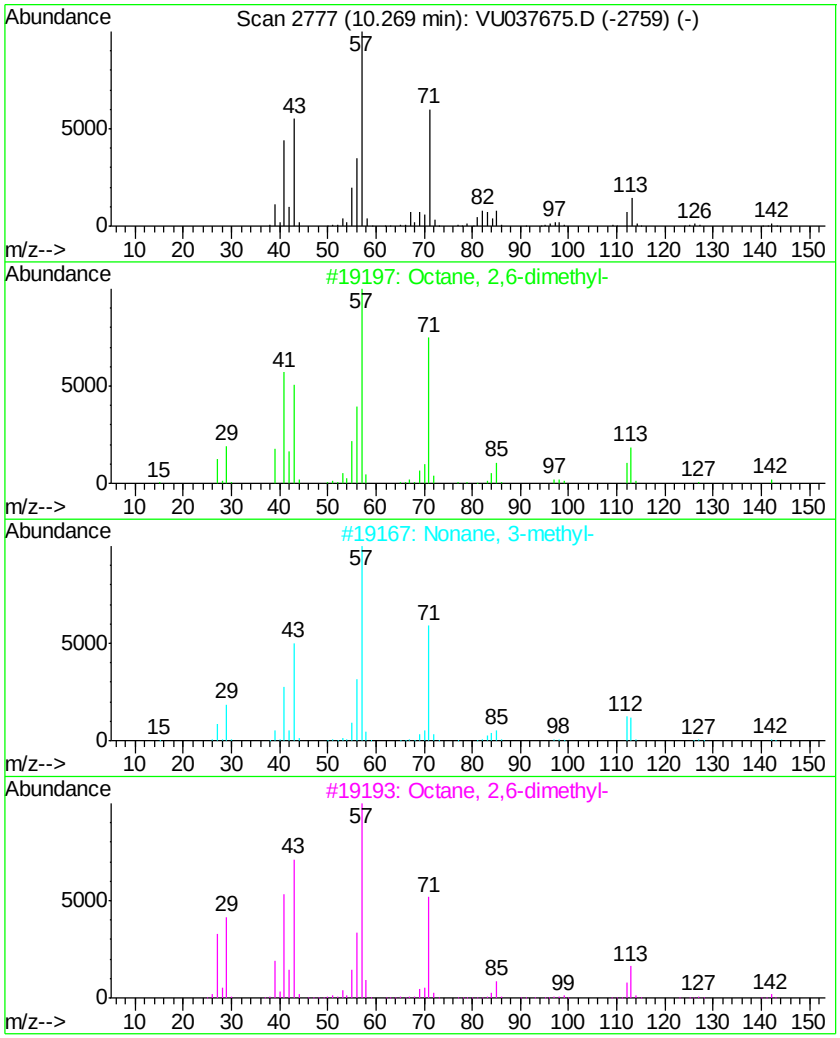
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

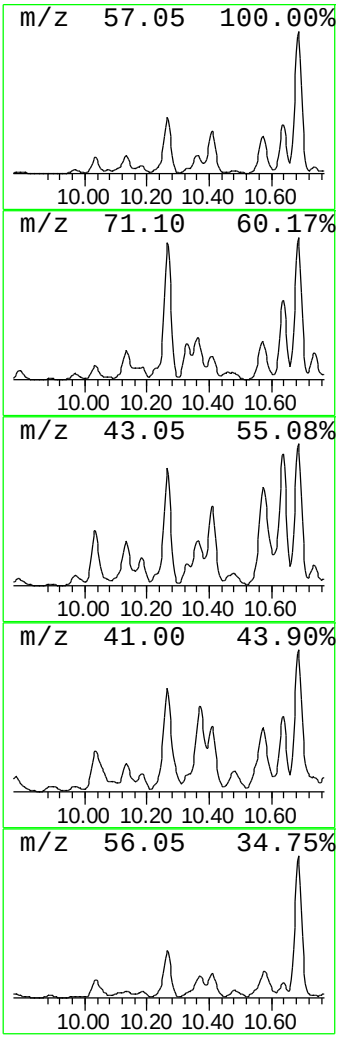
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	52.77 ug/L	1831770	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	68
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

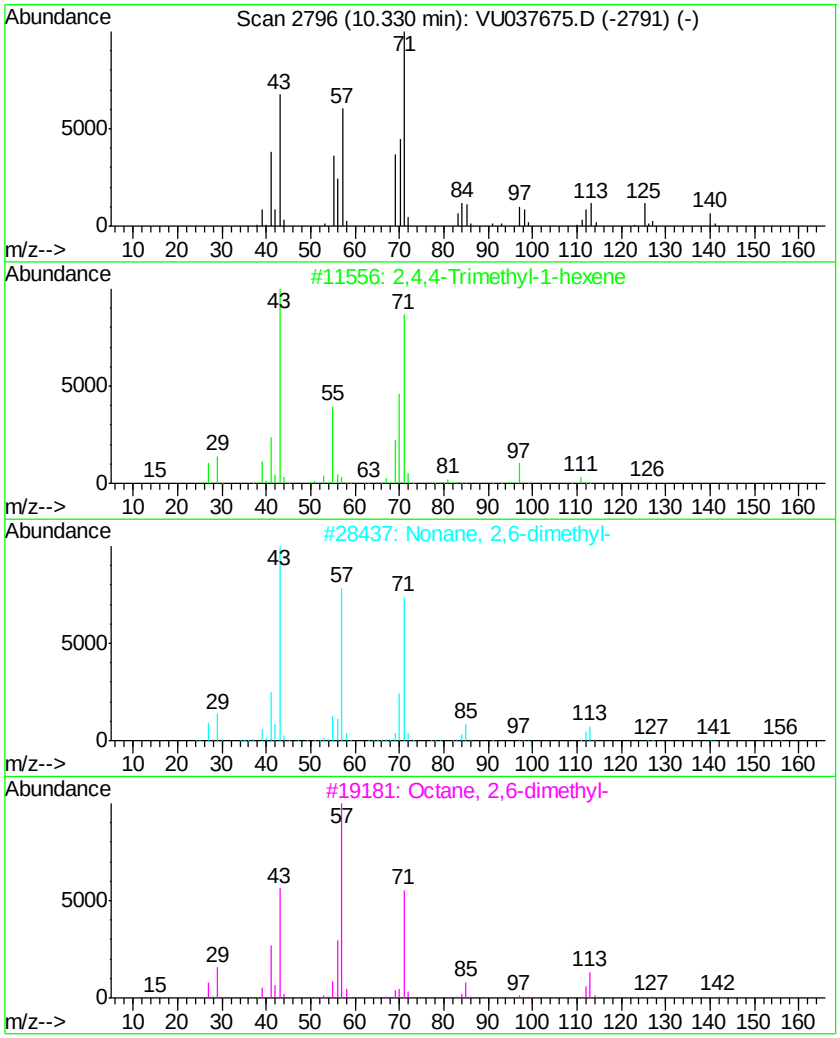
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

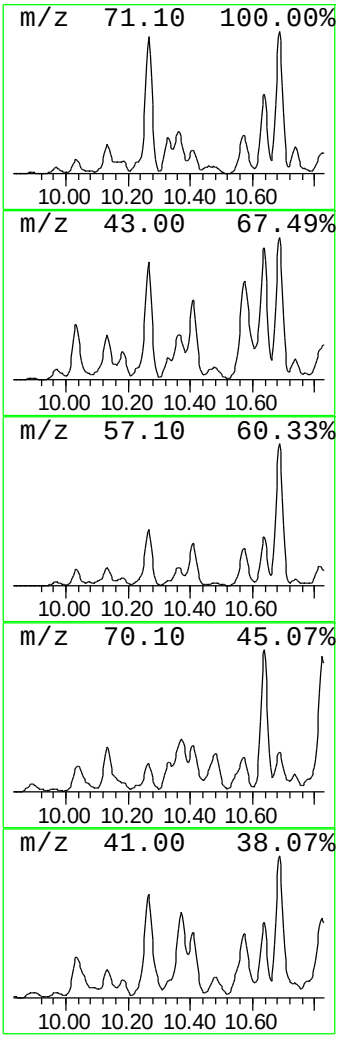
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.68 ug/L	92913	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	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

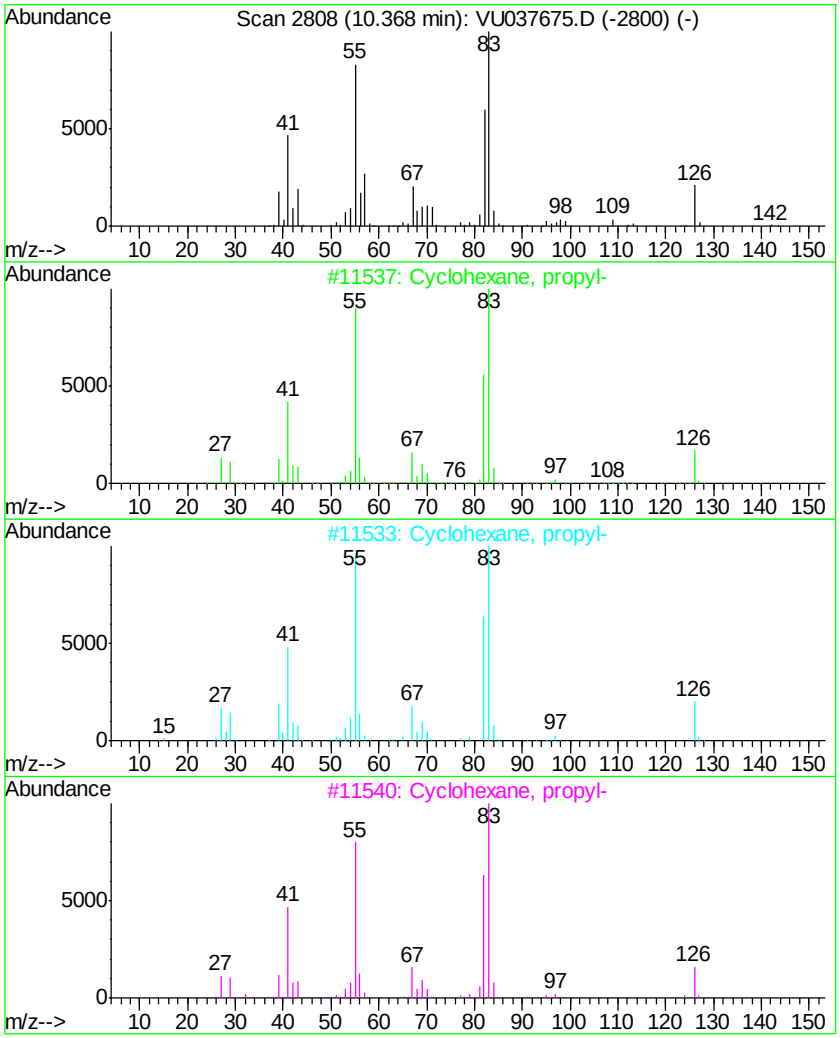
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

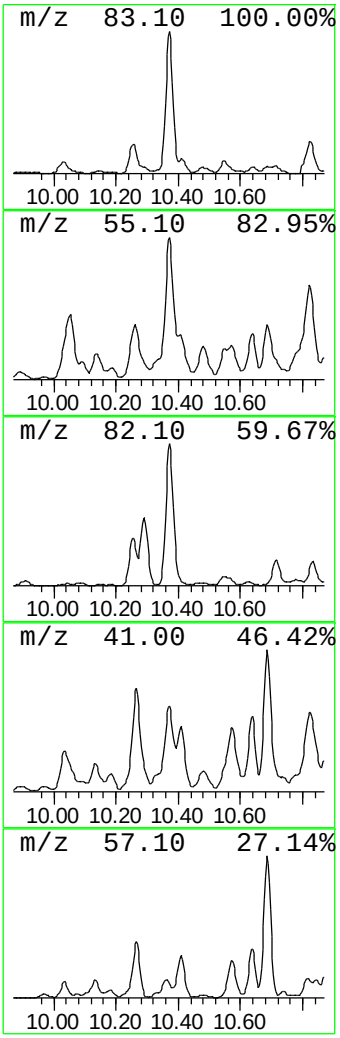
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic10.37 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	30.79 ug/L	1068670	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	93
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	91
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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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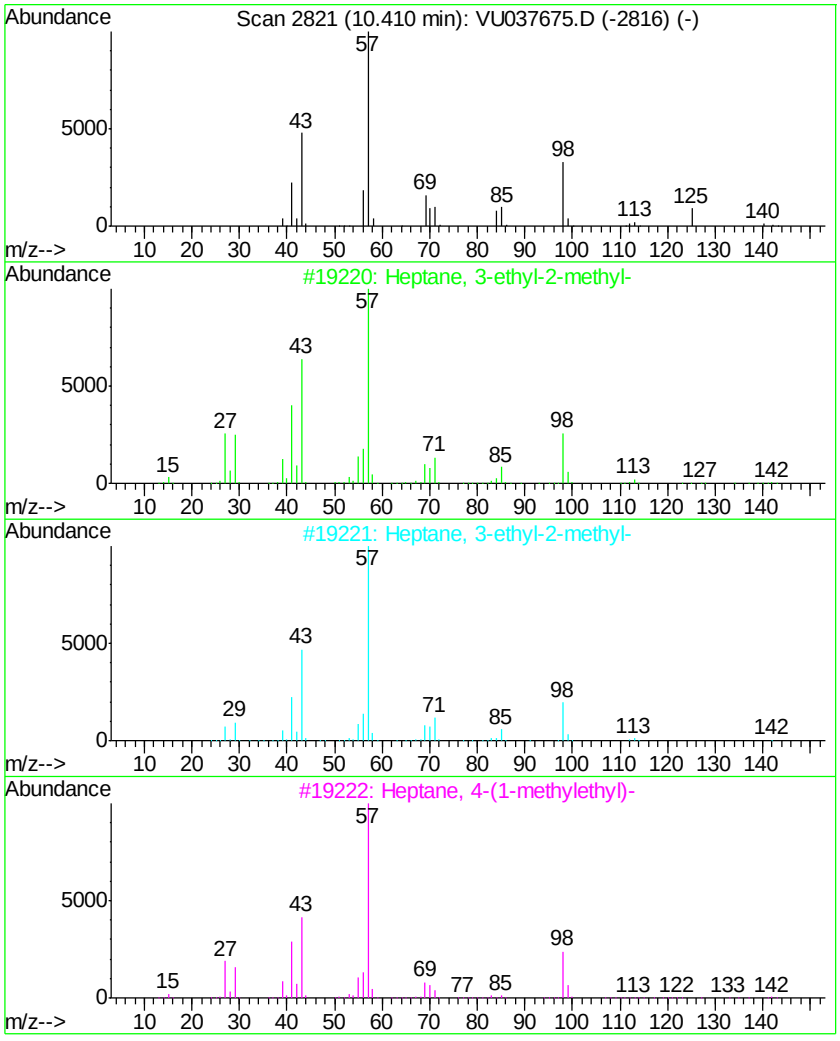
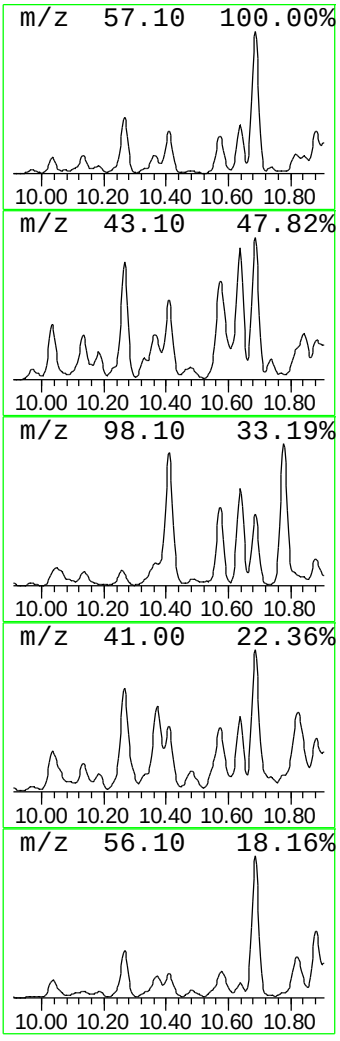
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	23.36 ug/L	810869	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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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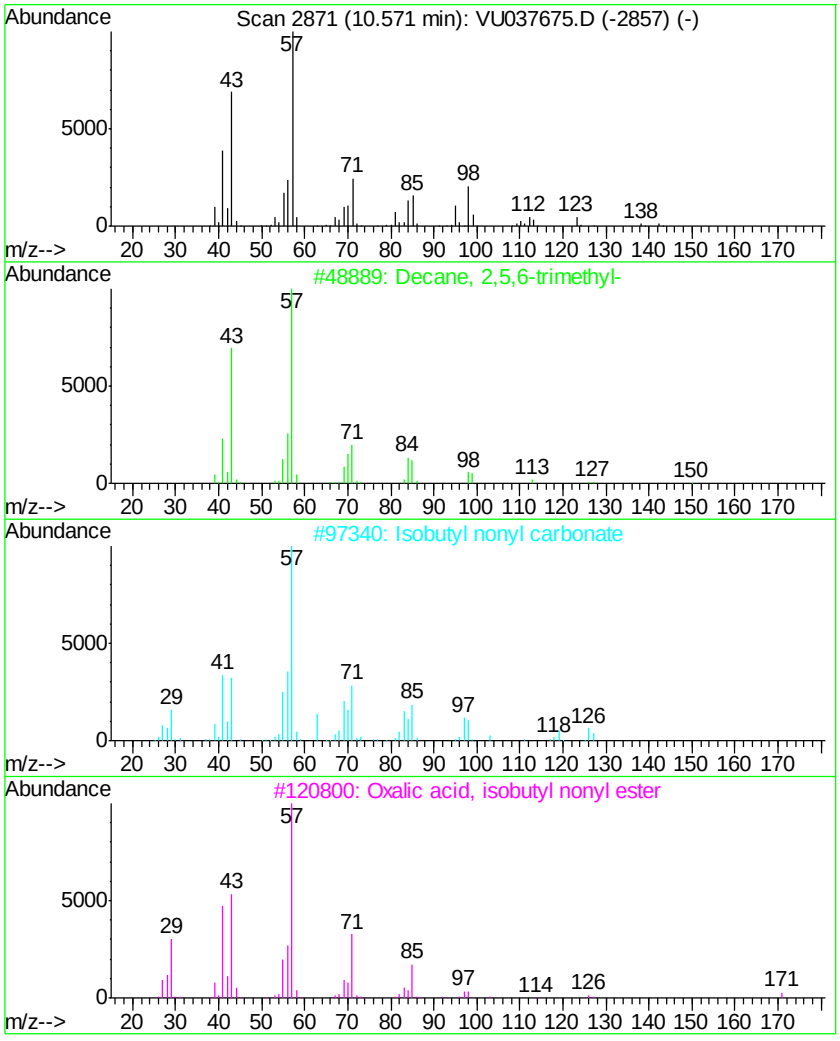
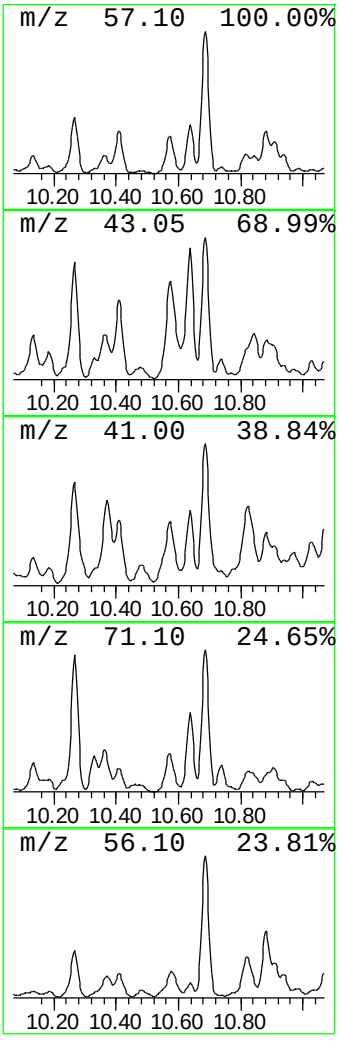
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	34.71 ug/L	1205050	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	58
2	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	50
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	43
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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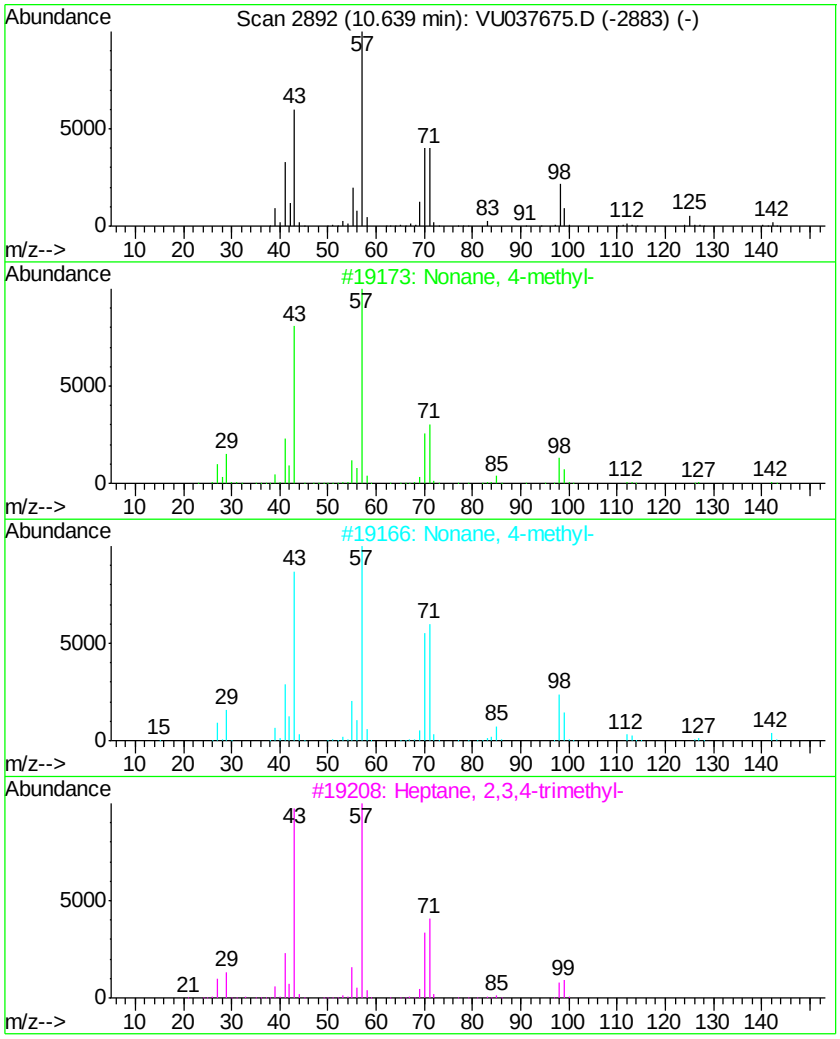
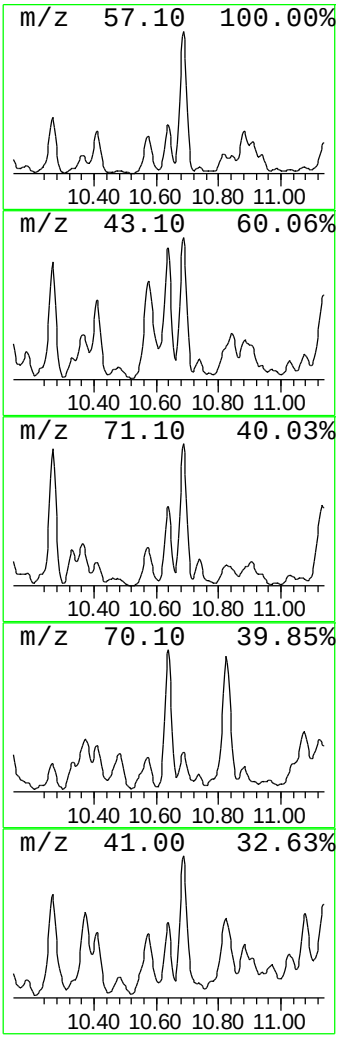
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	17.83 ug/L	830017	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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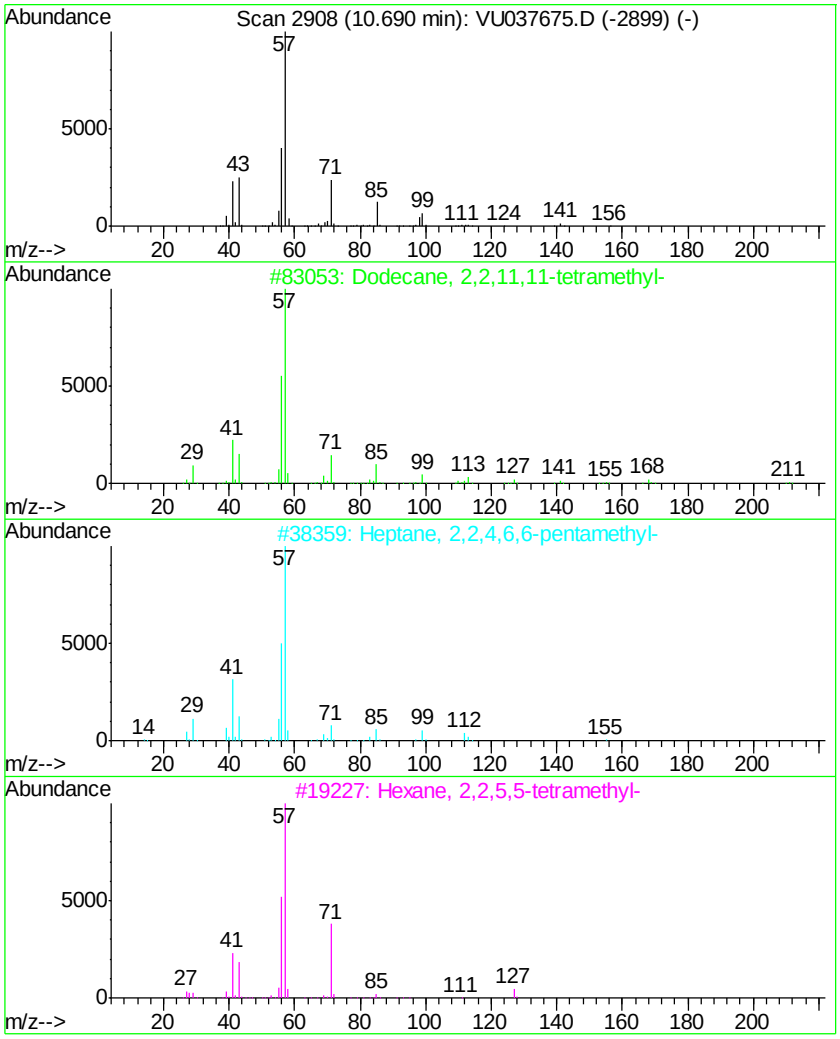
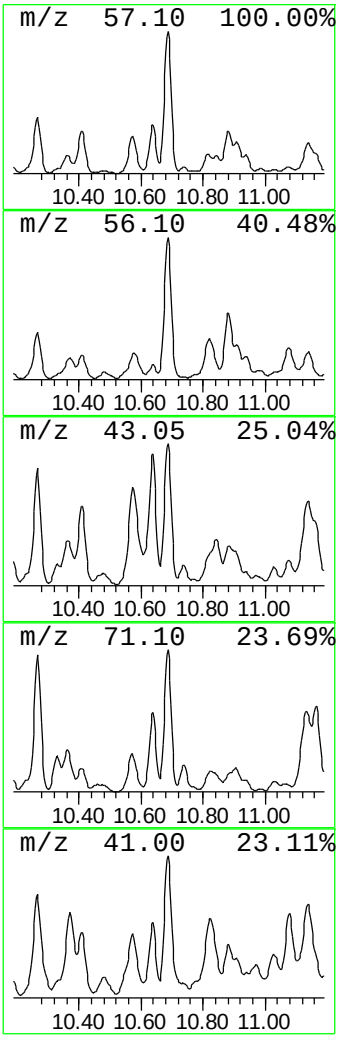
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	41.66 ug/L	1939190	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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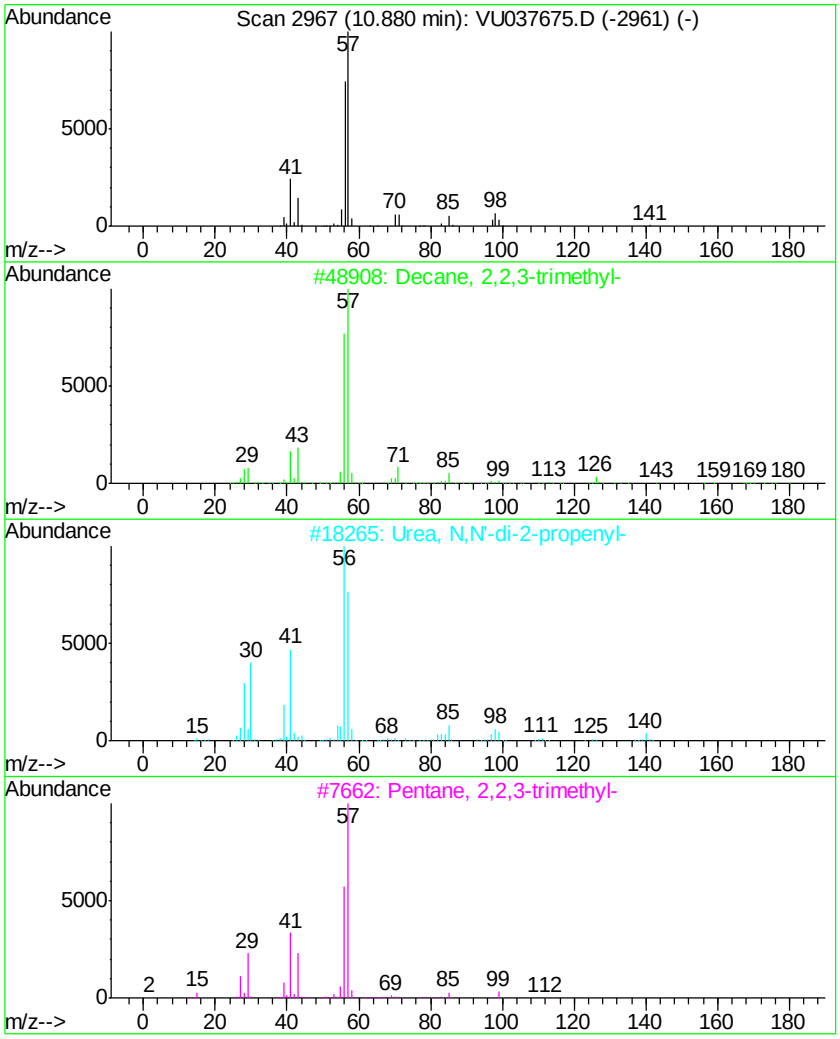
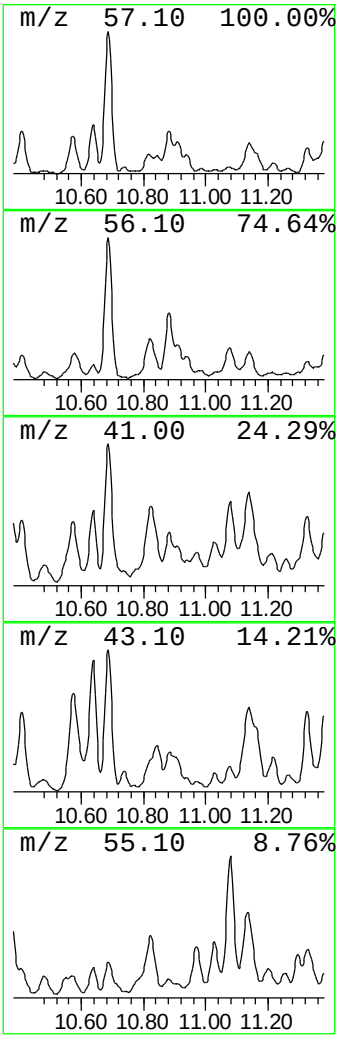
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	7.38 ug/L	343335	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	72
2	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	72
3	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

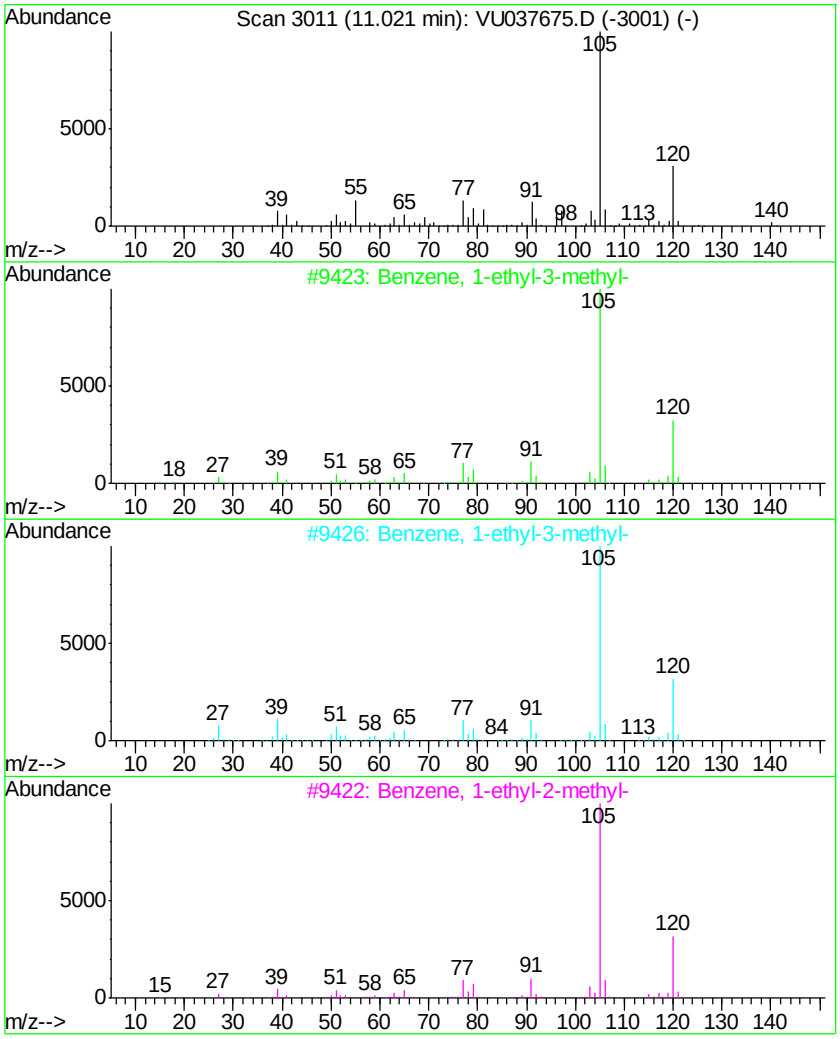
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

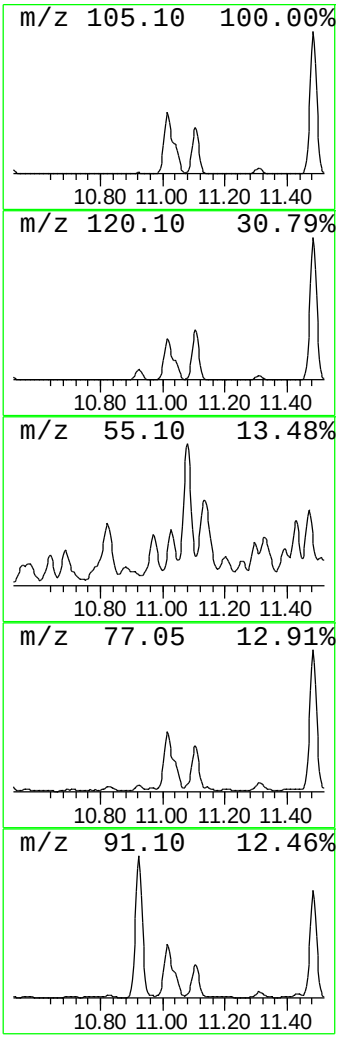
****

Peak Number 29 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	41.69 ug/L	1940730	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





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Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

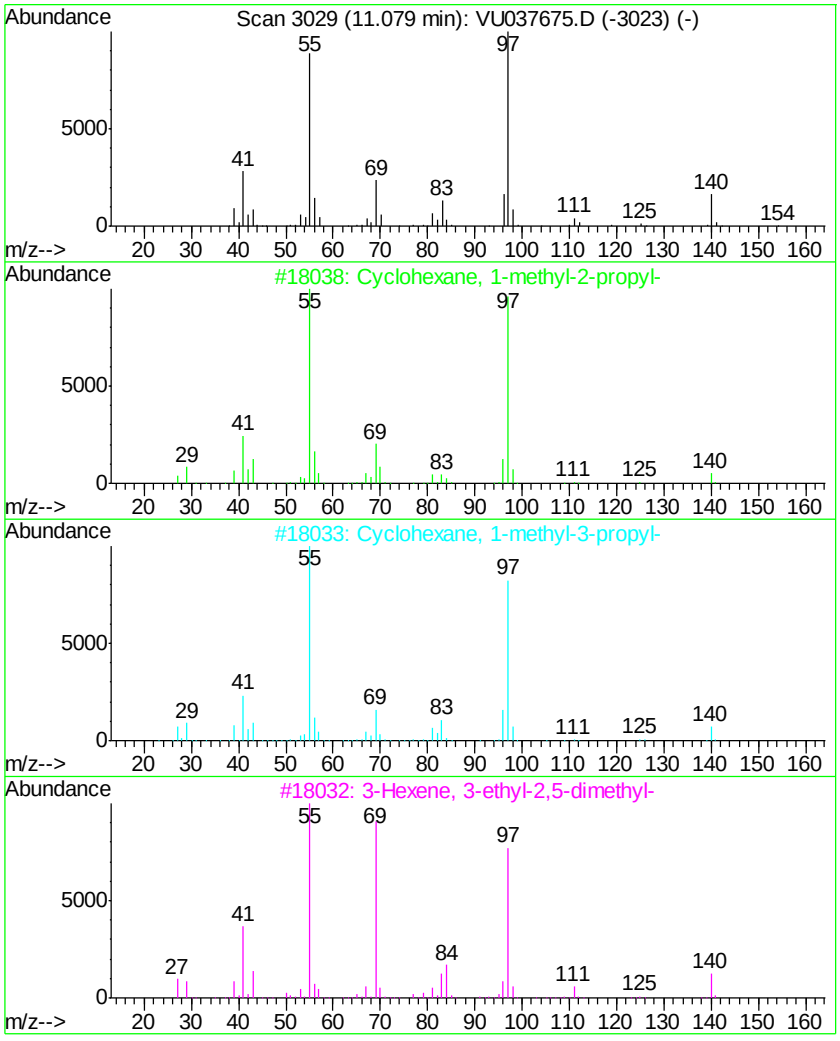
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

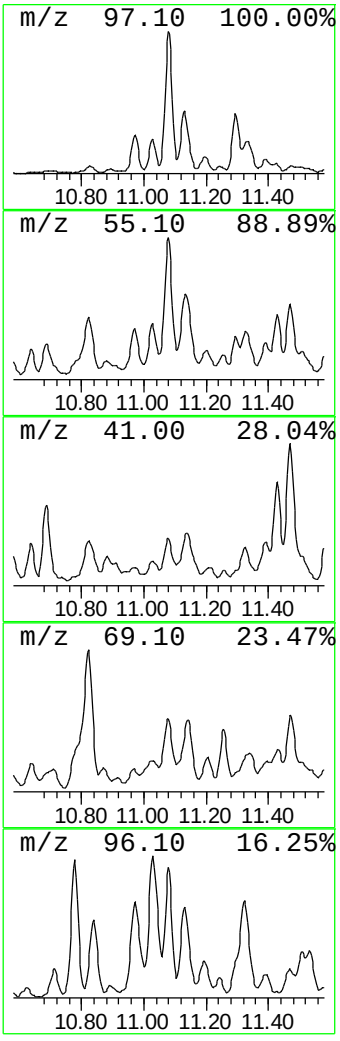
****

Peak Number 30 (DEL) Alkane: Cyclic11.08 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	14.91 ug/L	694051	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	83
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

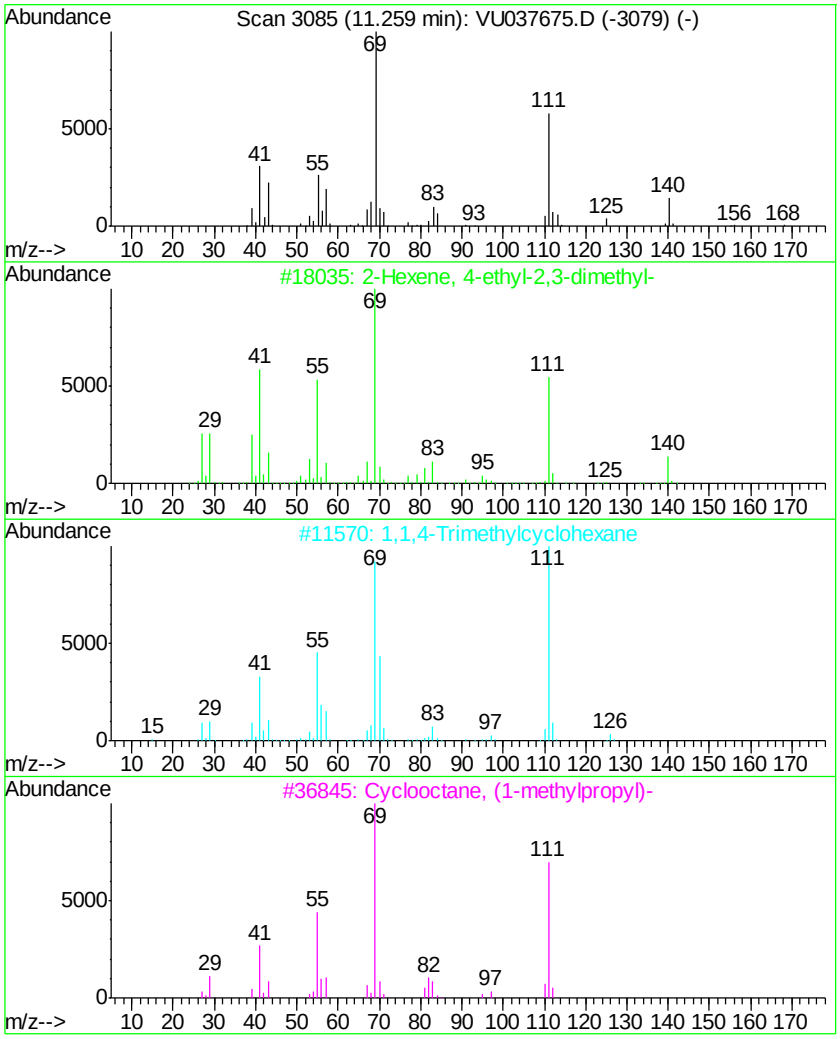
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

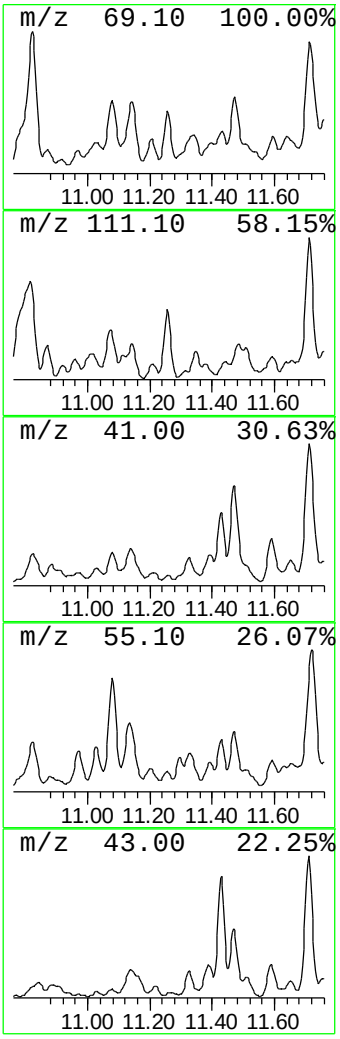
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.96 ug/L	137719	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	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
4	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	59
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

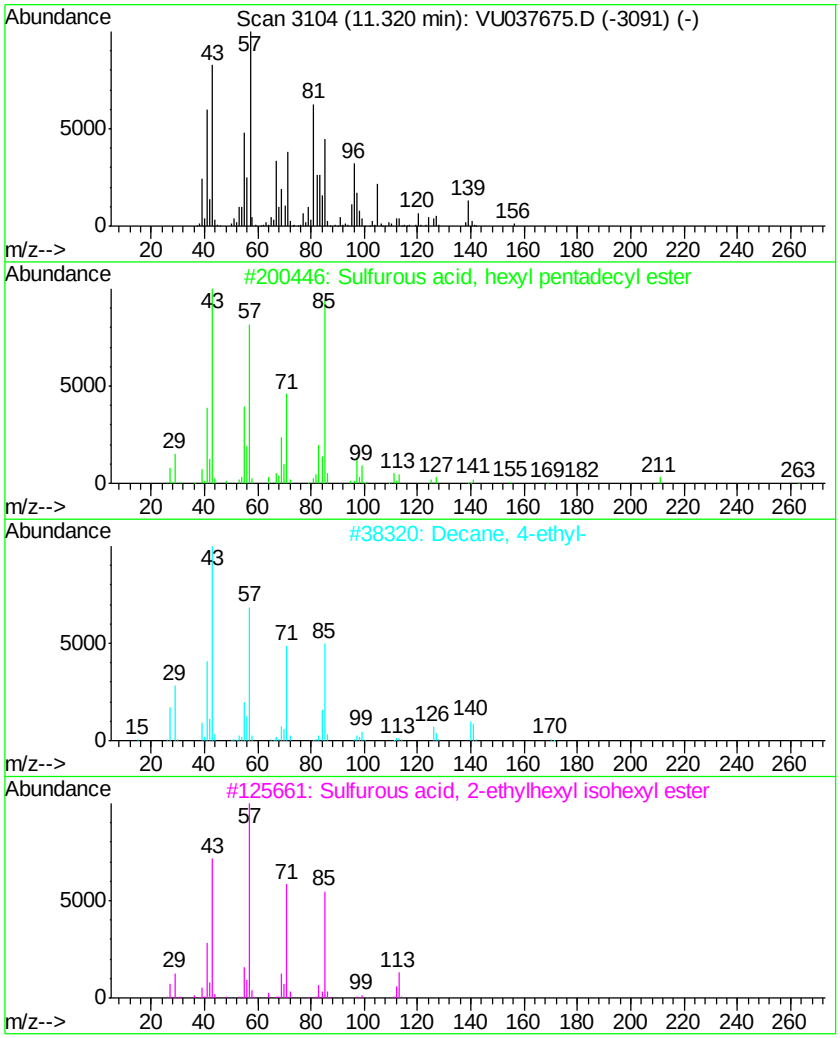
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

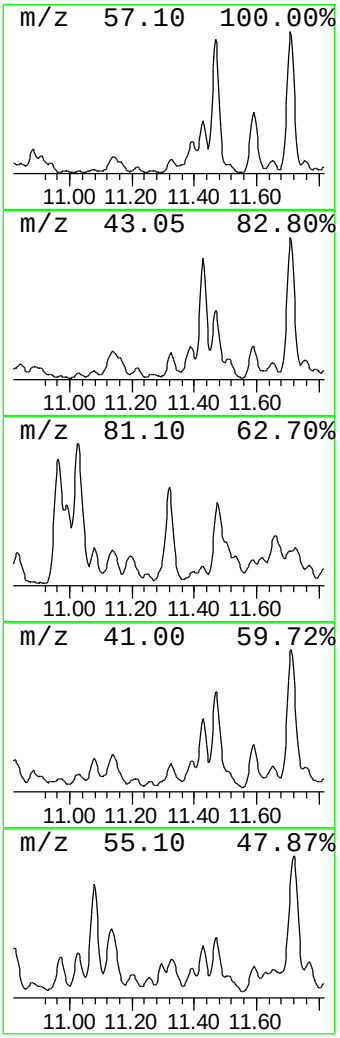
****

Peak Number 32 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	28.45 ug/L	1324500	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	35
2	Decane, 4-ethyl-	170	C12H26	001636-44-8	27
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	27
4	Hexyl octyl ether	214	C14H30O	017071-54-4	27
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

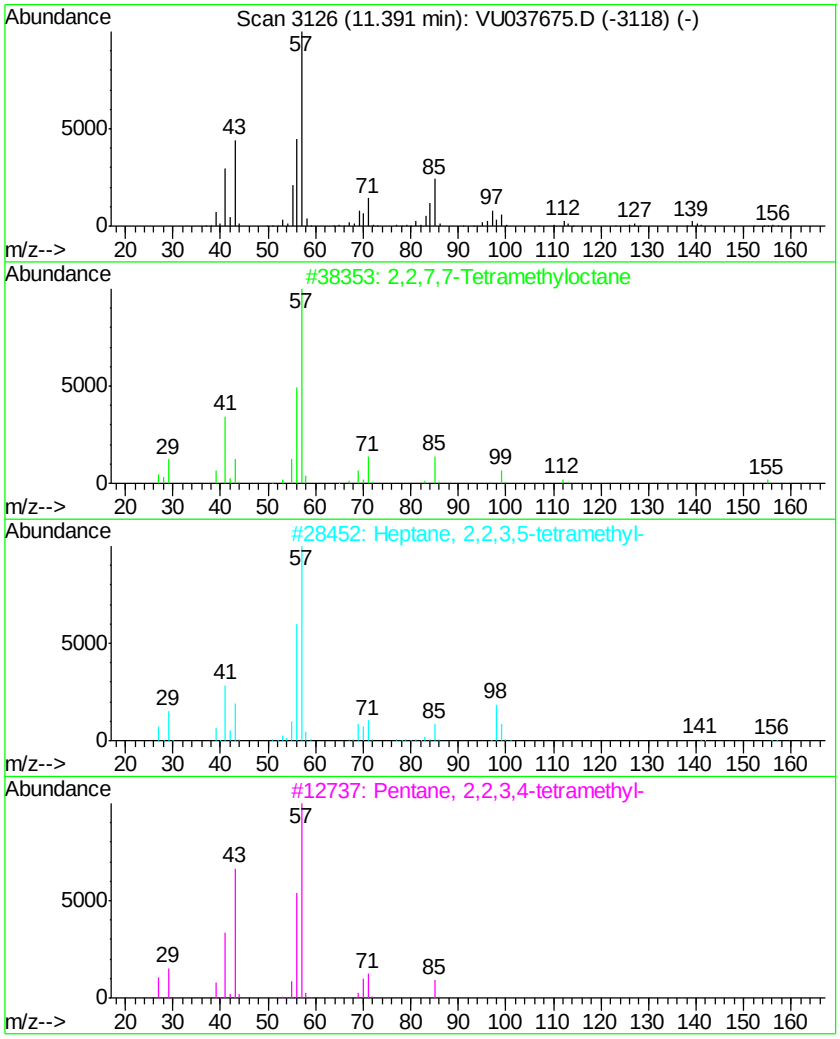
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

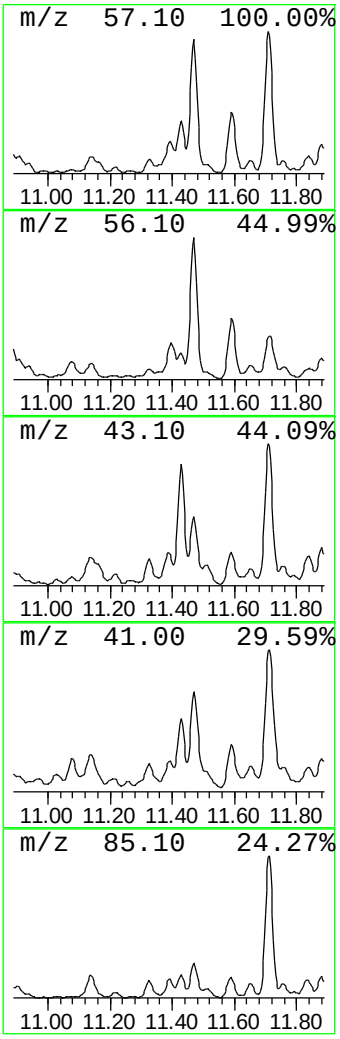
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	18.28 ug/L	850858	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53
2	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	50
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	47
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

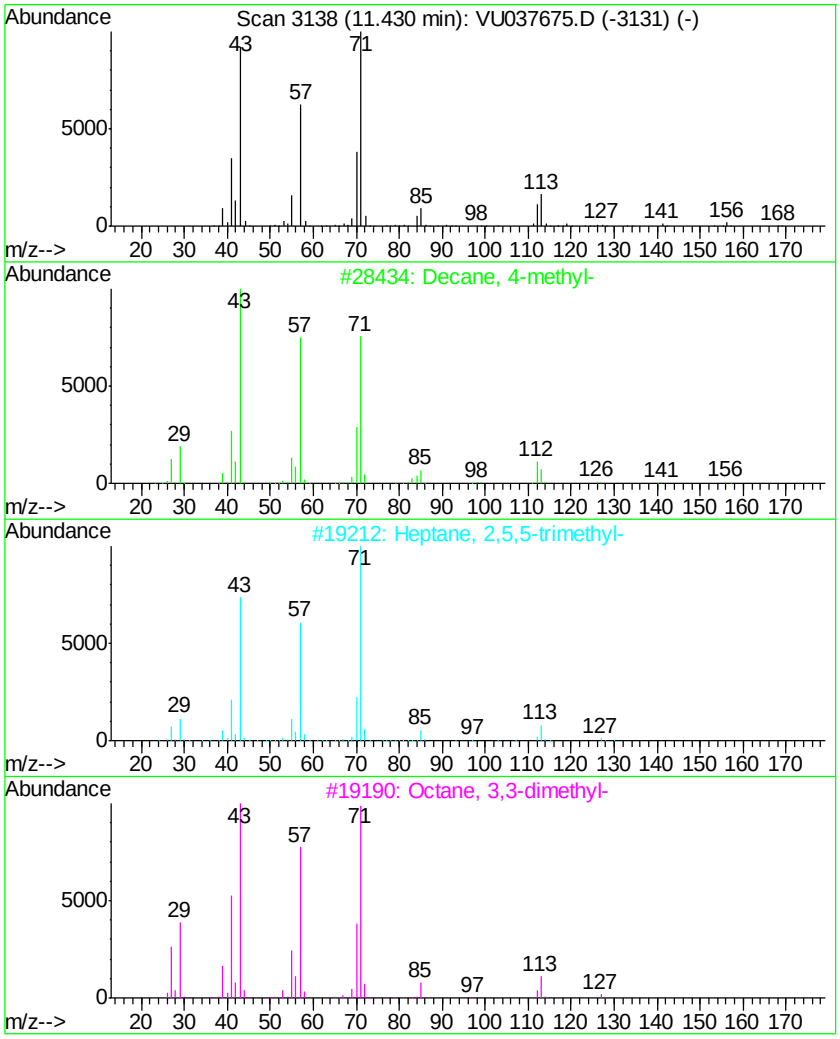
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

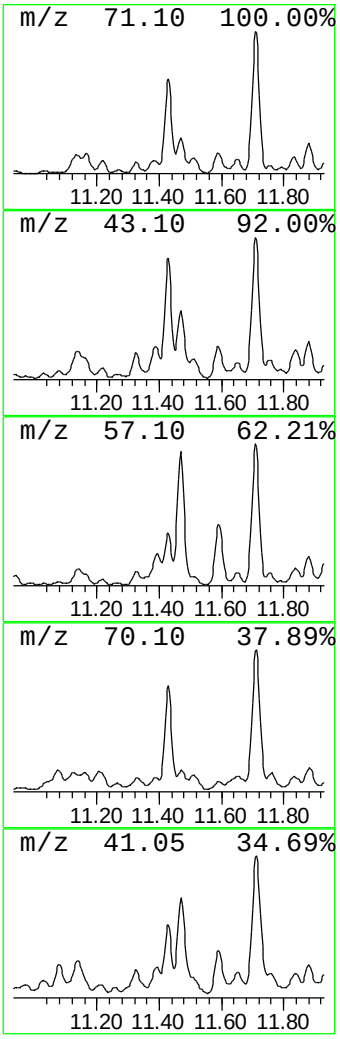
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	50.19 ug/L	2336180	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	80
2	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	Decane, 4-methyl-	156	C11H24	002847-72-5	64
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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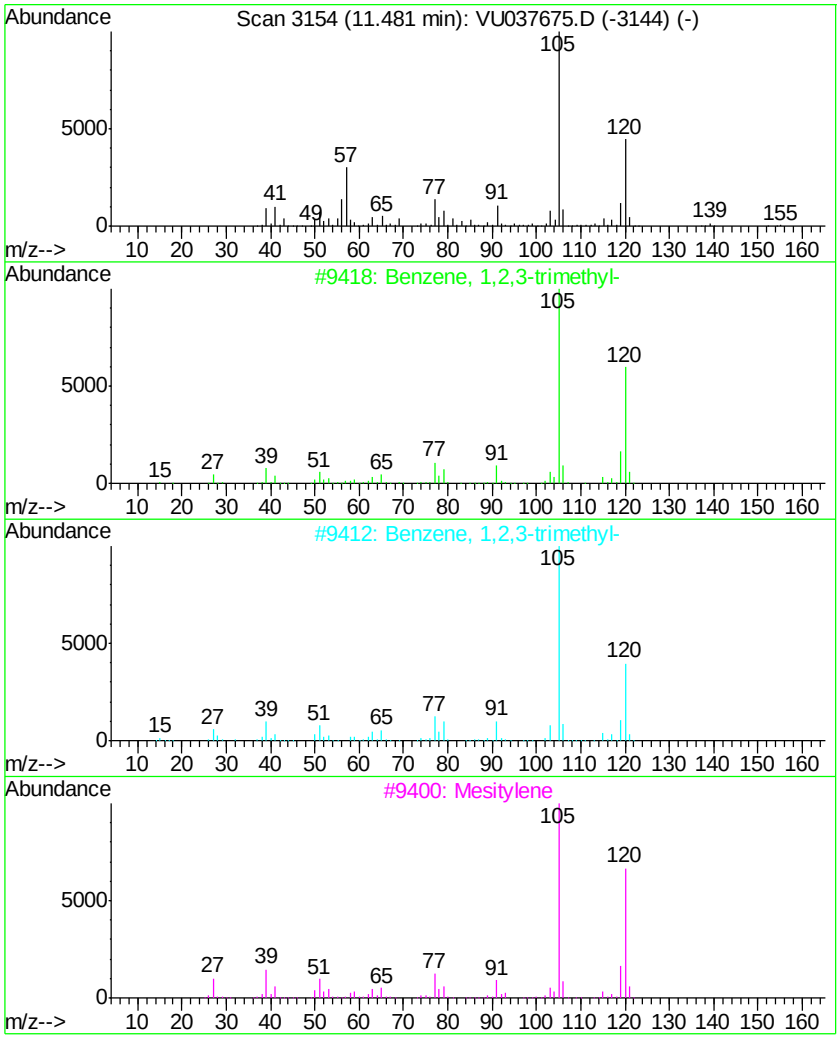
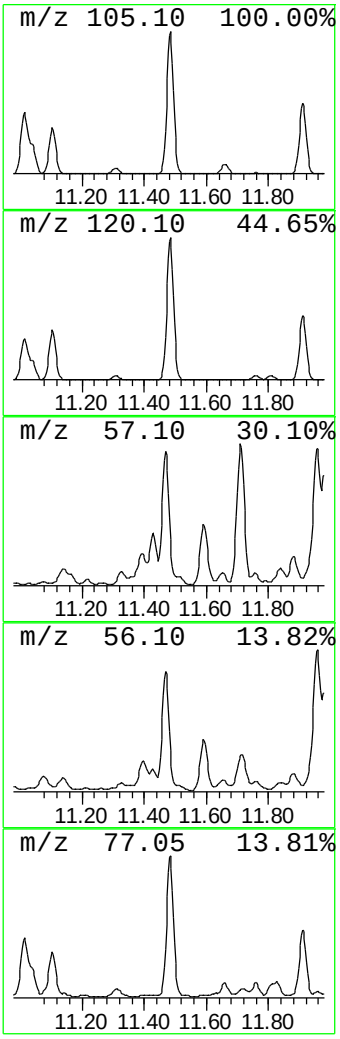
Peak Number 35 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	166.49 ug/L	7749450	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	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\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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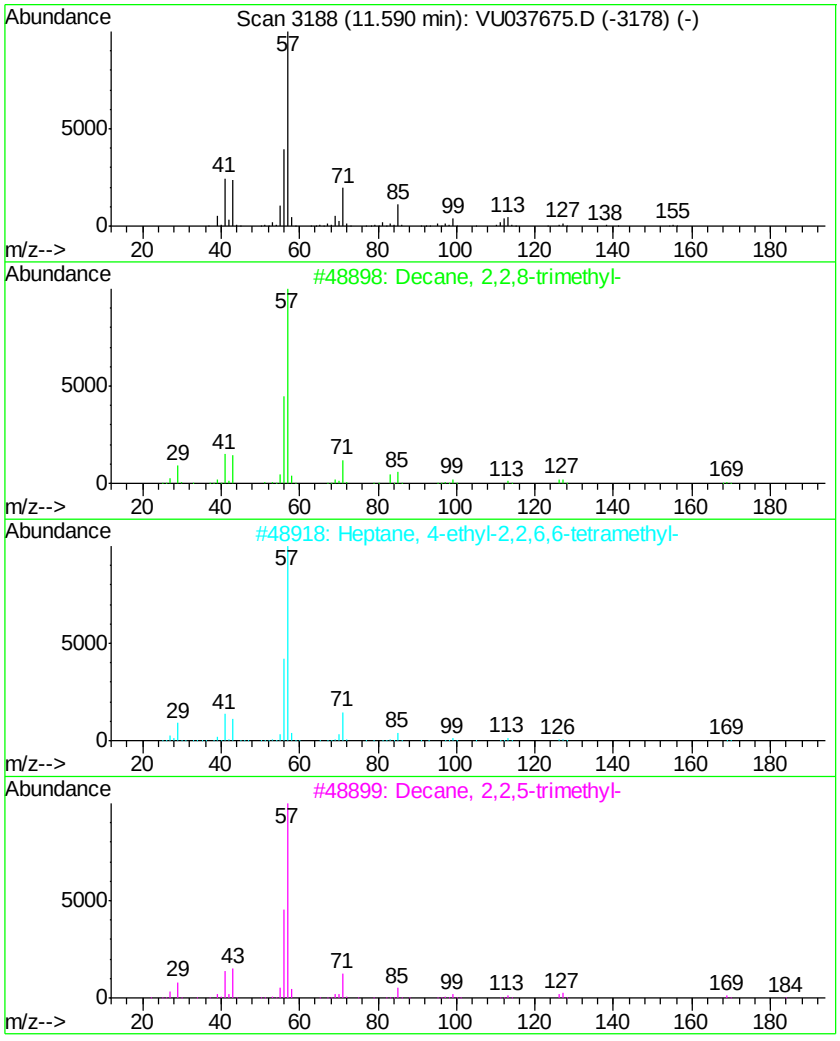
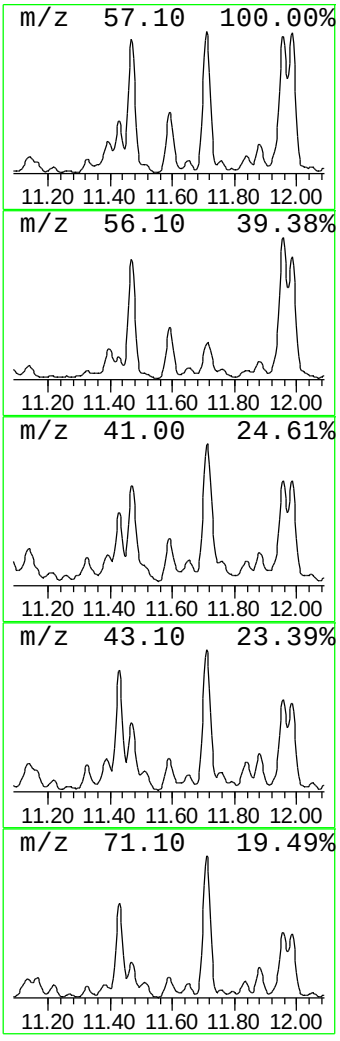
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	39.99 ug/L	1861560	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
2	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
3	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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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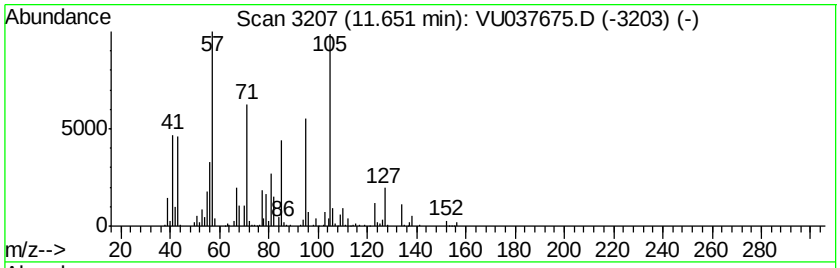
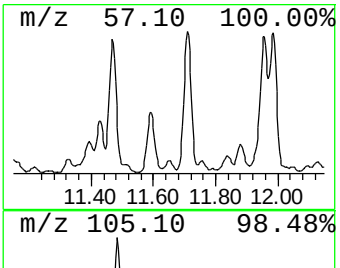
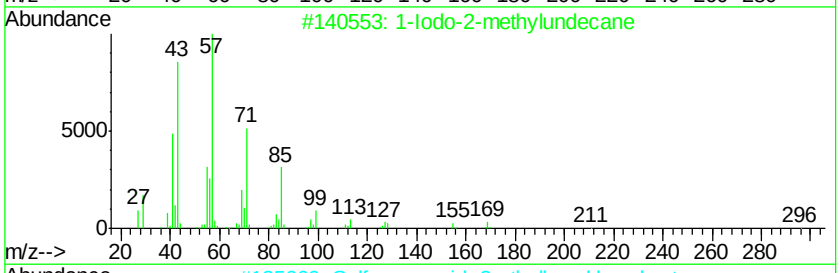
Peak Number 37 unknown-05 Concentration Rank 33

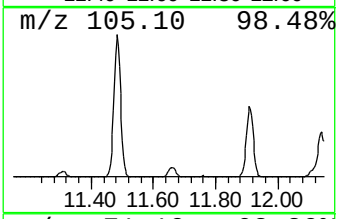
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	9.30 ug/L	432719	1,4-Dichlorobenzene-d4	11.83

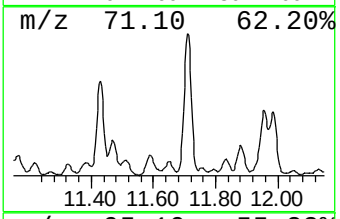
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	27
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	22
3	Cyclopenten-4-one, 1,2,3,3-tetra...	138	C9H14O	1000163-38-6	22
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	22
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	22

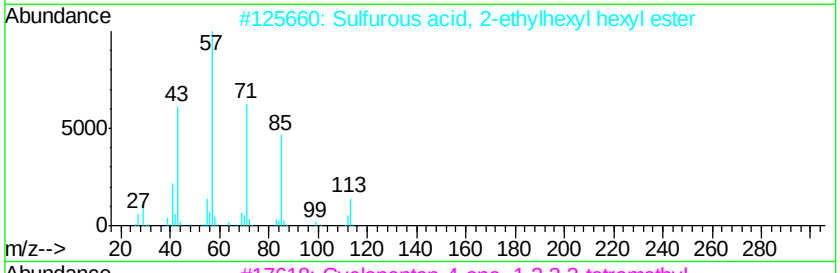


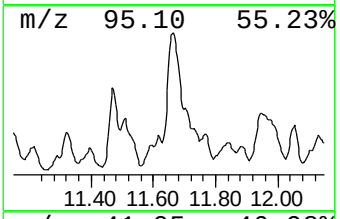


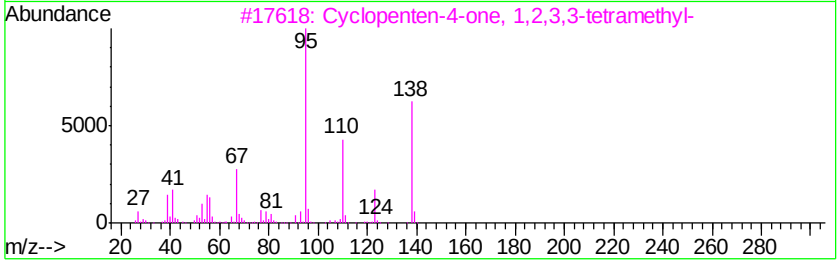


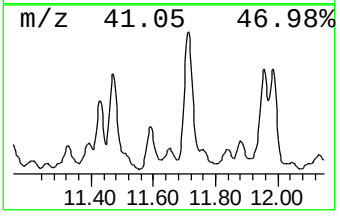












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

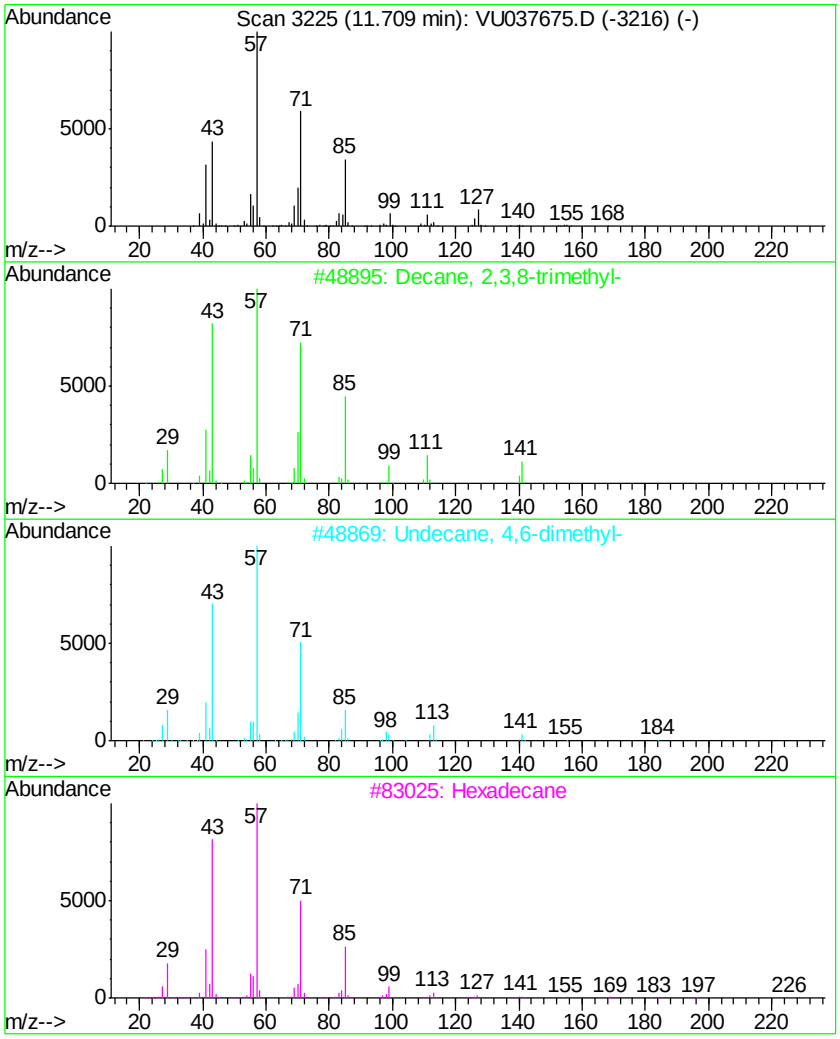
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

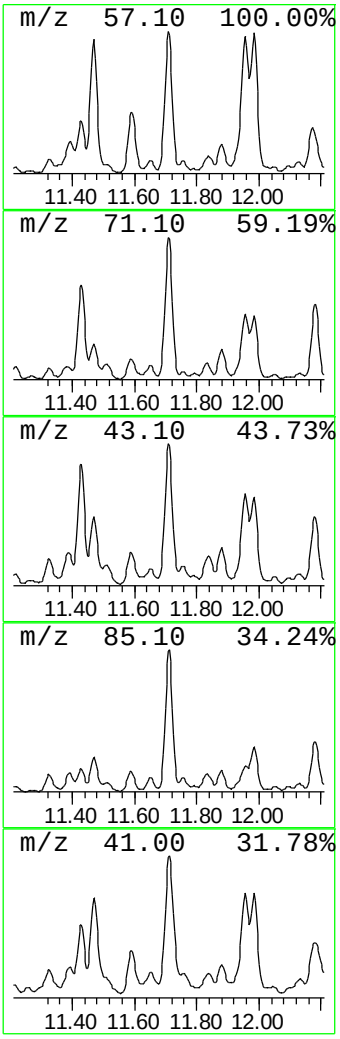
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	125.92 ug/L	5861380	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
3	Hexadecane	226	C16H34	000544-76-3	58
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
5	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

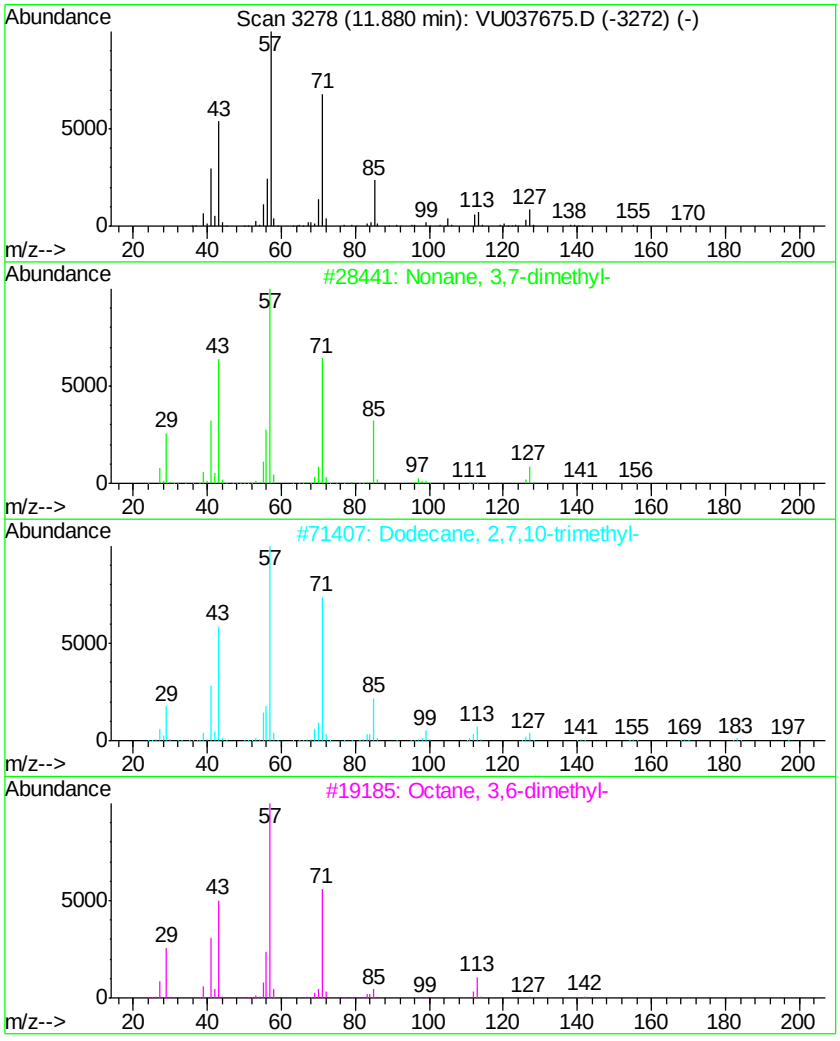
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

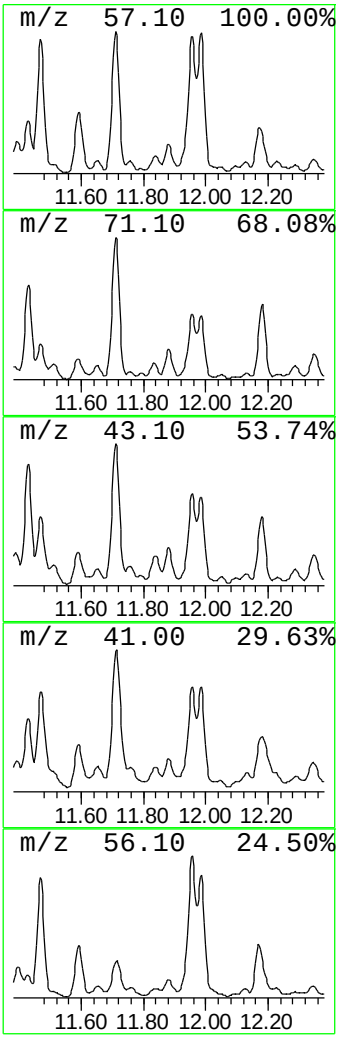
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	14.81 ug/L	689302	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

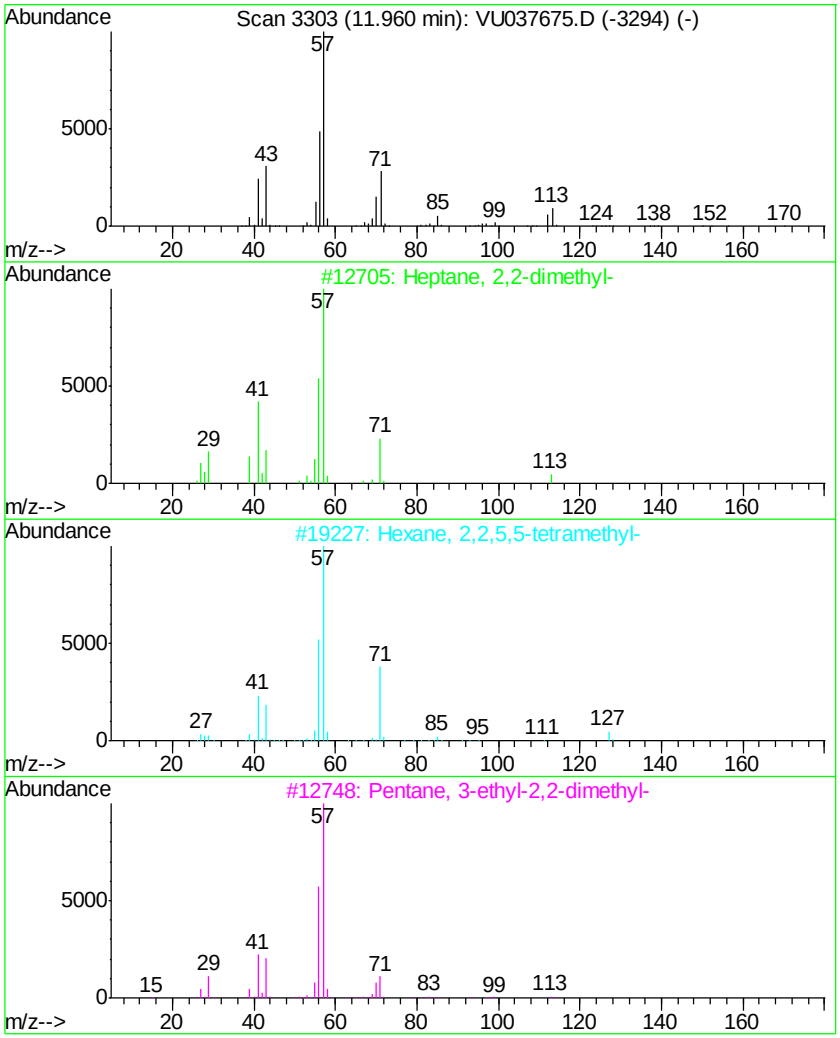
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis

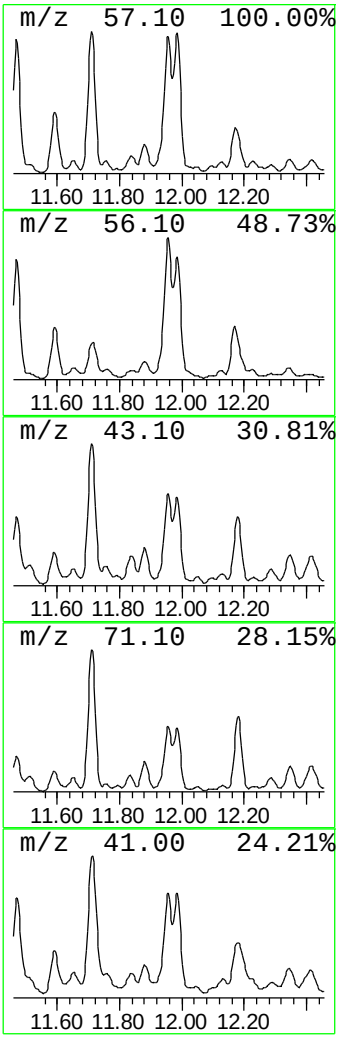
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	82.44 ug/L	3837570	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

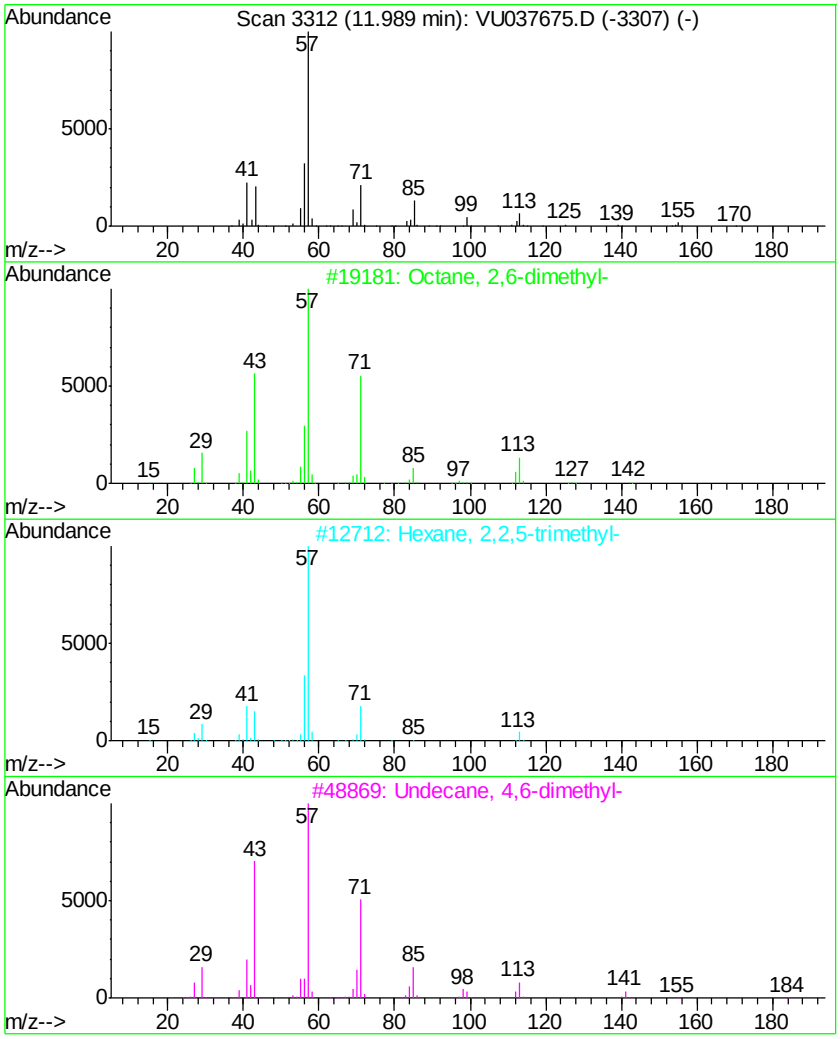
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

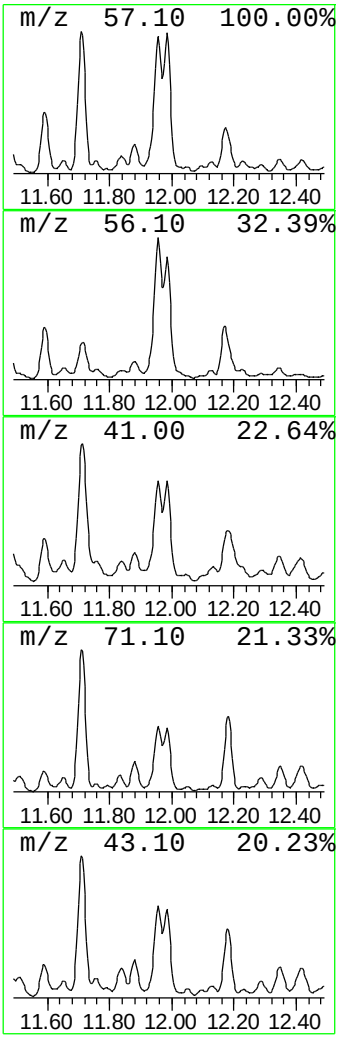
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	66.83 ug/L	3110950	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50
4	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

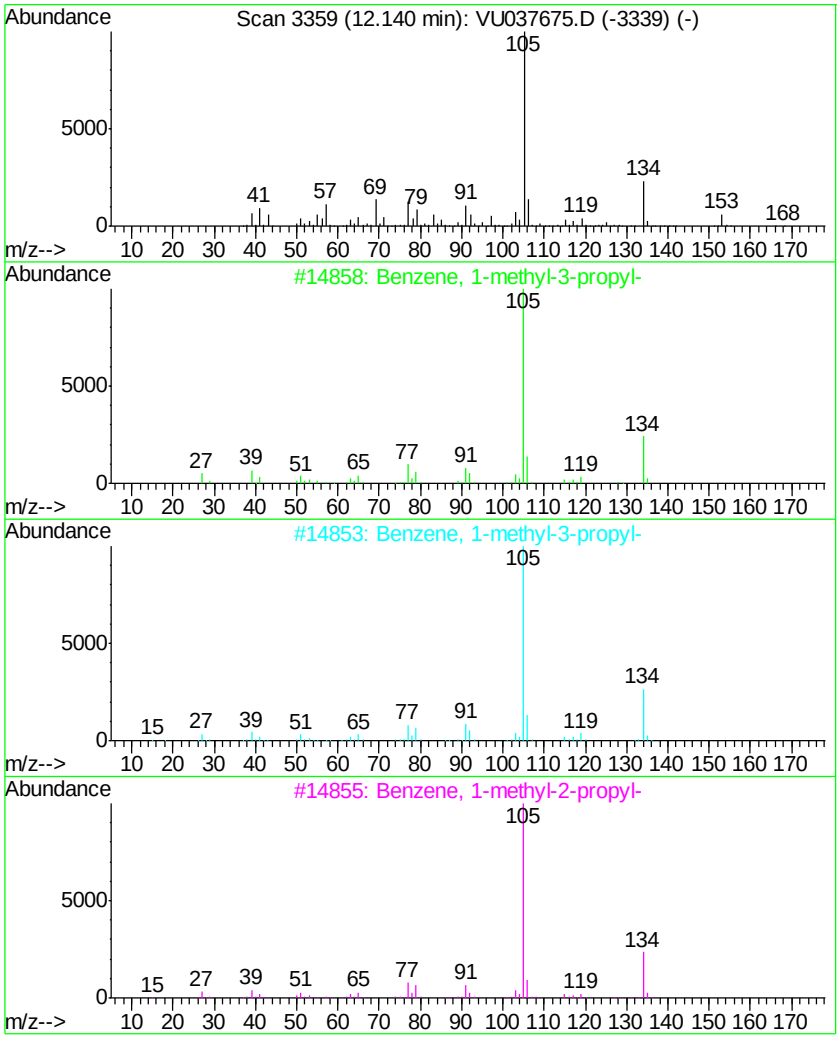
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

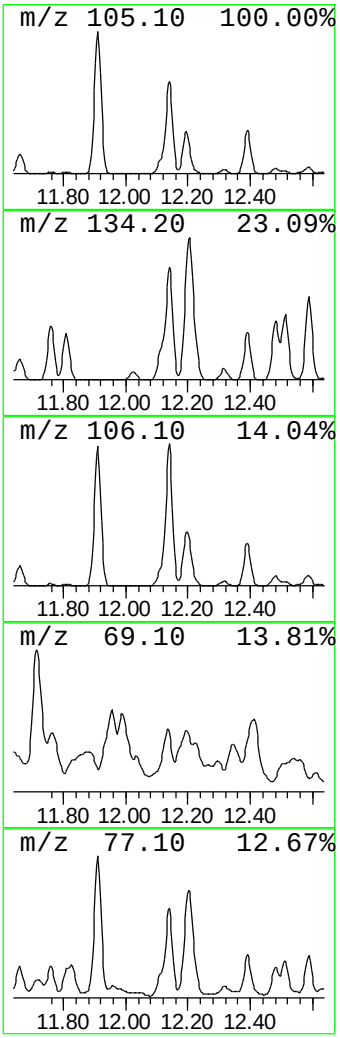
****

Peak Number 43 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	43.10 ug/L	2006330	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	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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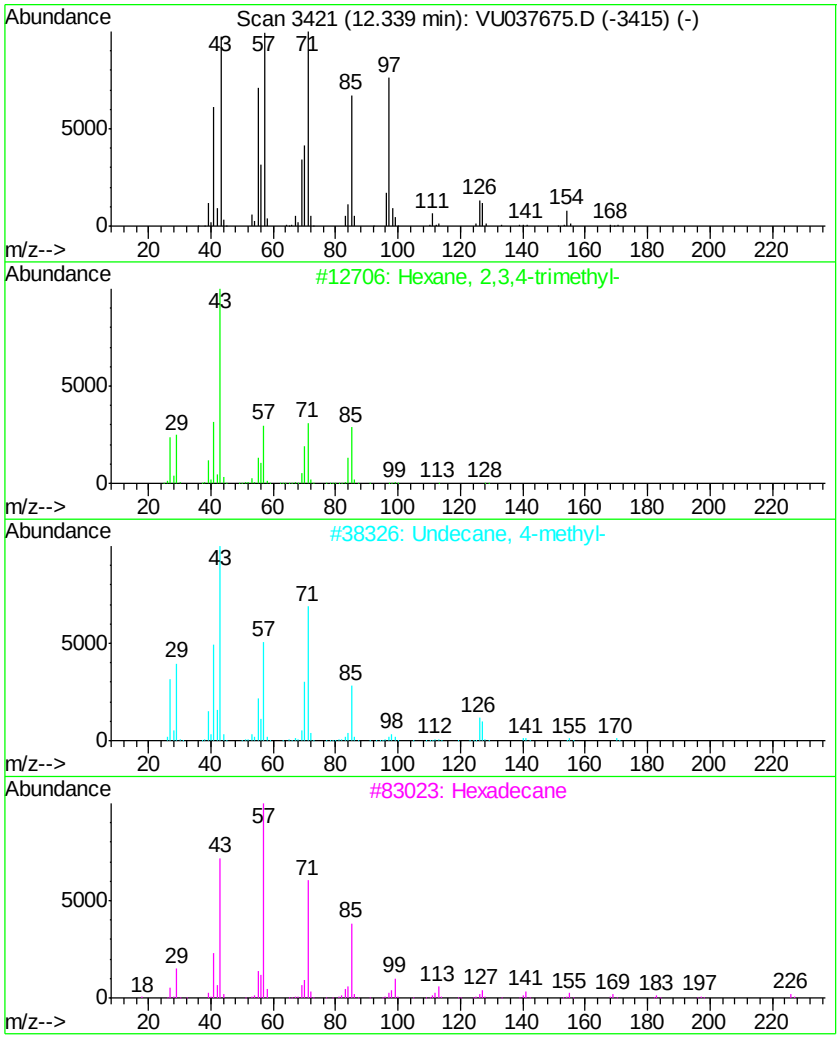
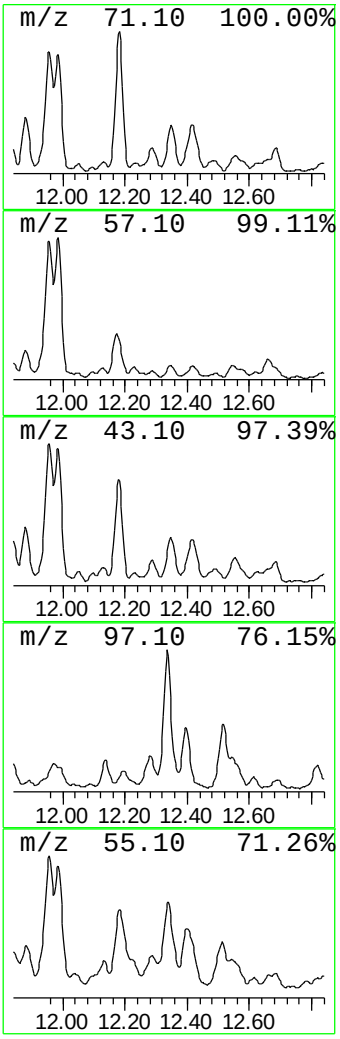
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	16.99 ug/L	790841	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	50
3	Hexadecane	226	C16H34	000544-76-3	47
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	46
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

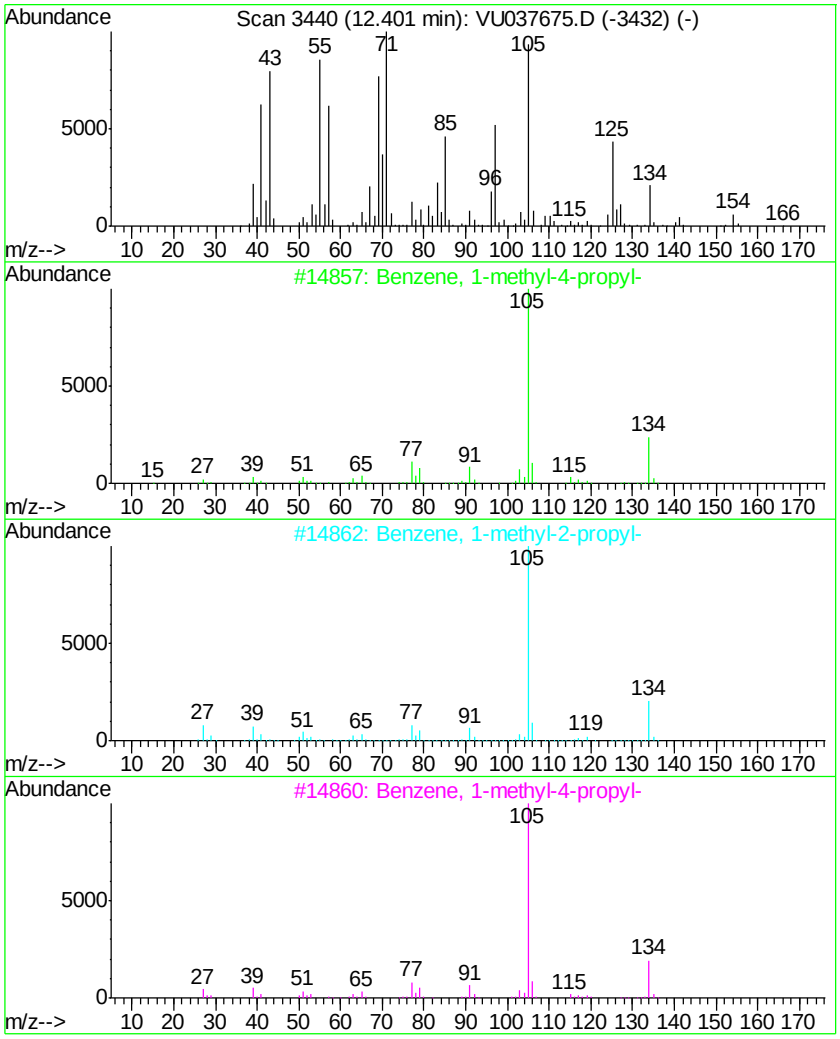
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

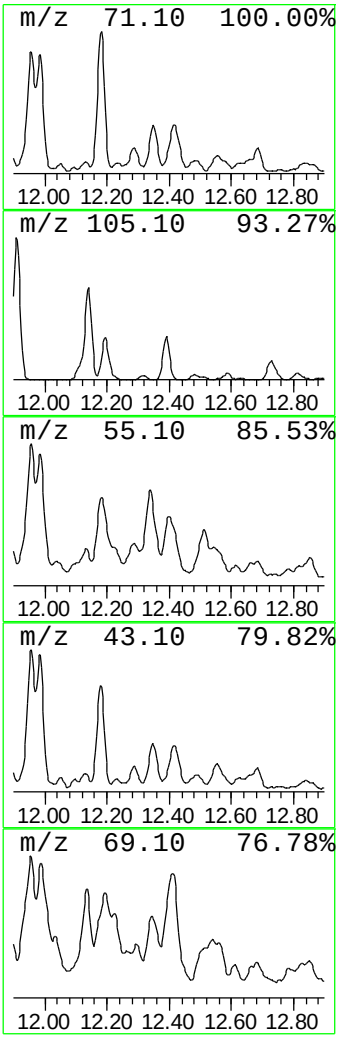
****

Peak Number 45 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	35.59 ug/L	1656450	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	53
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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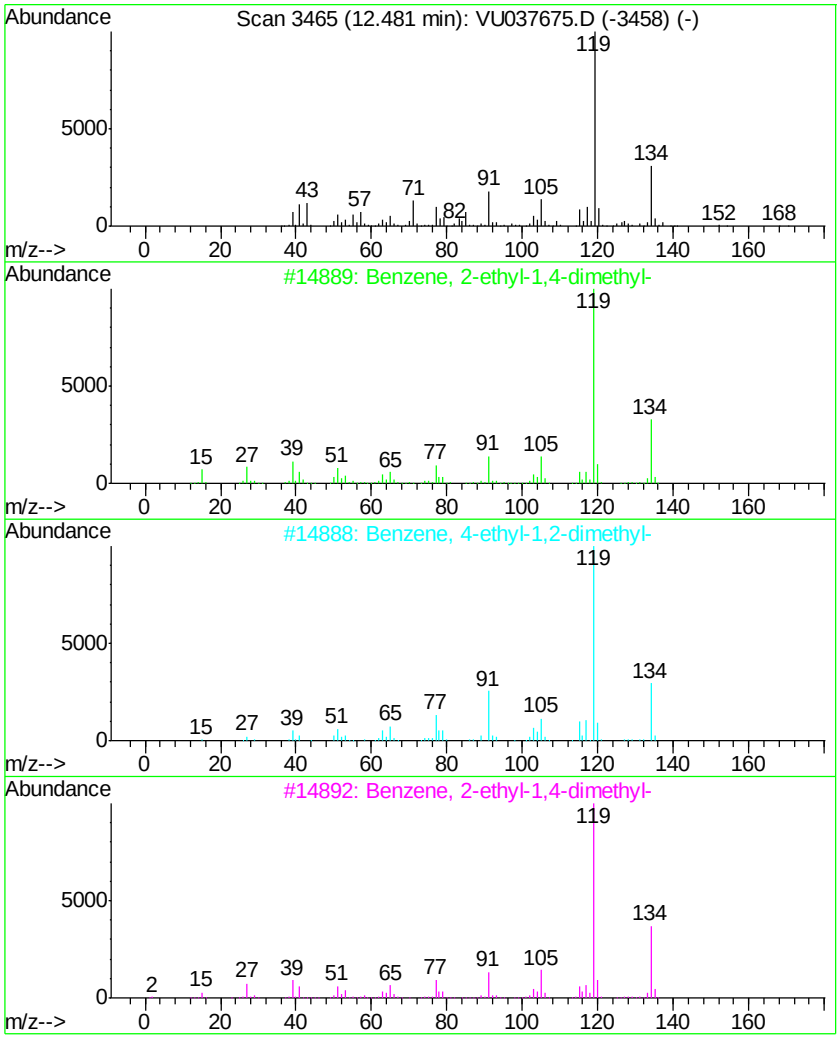
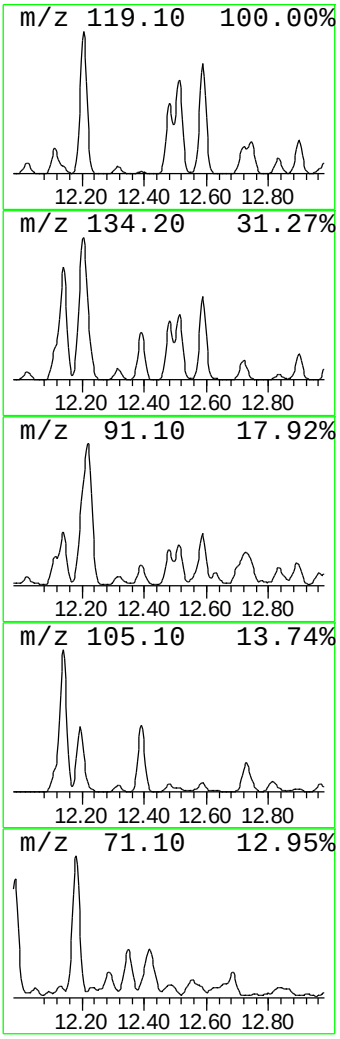
Peak Number 46 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	10.52 ug/L	489867	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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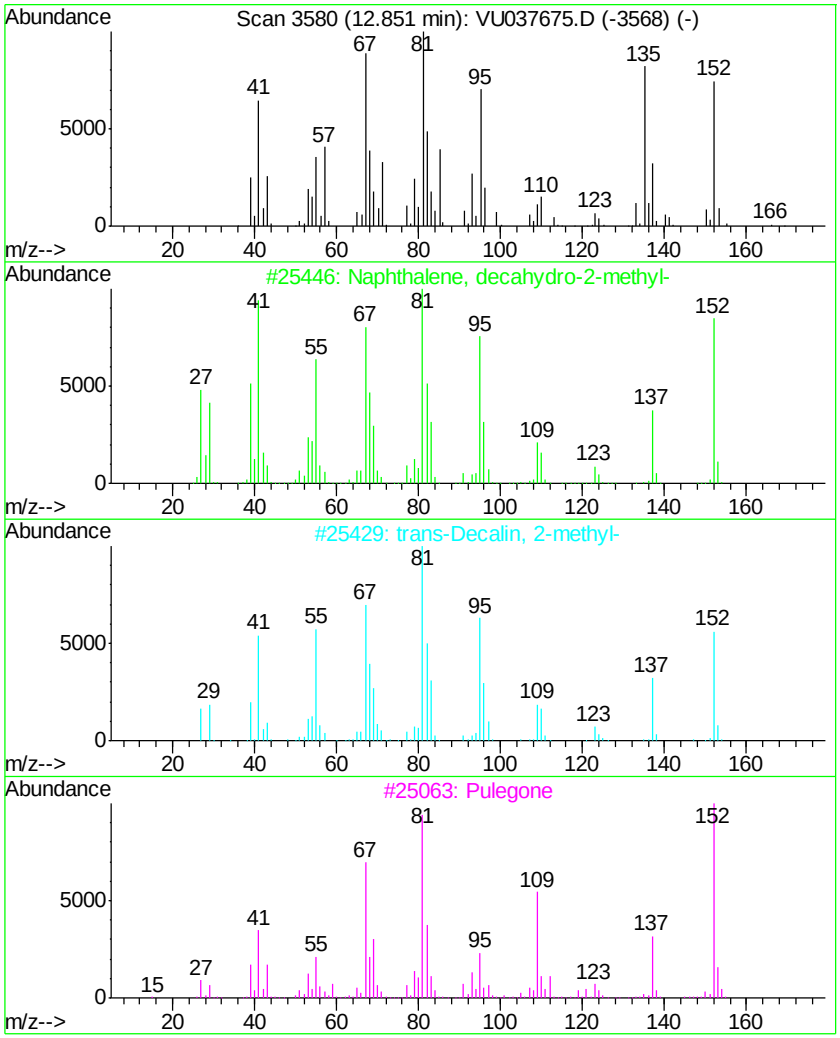
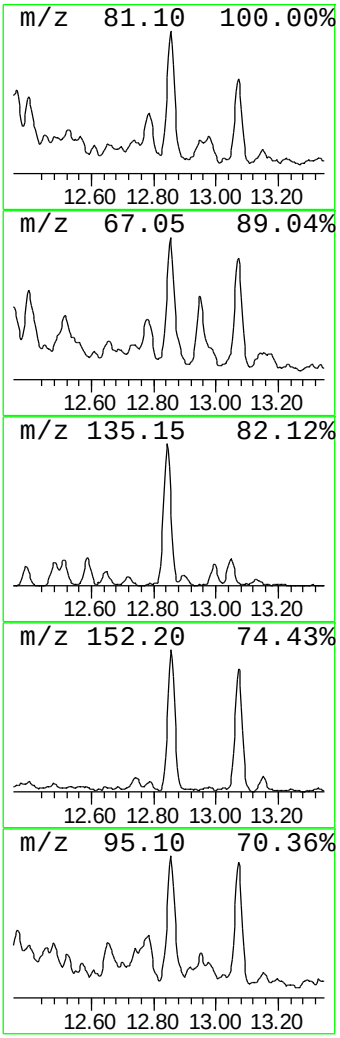
Peak Number 47 Naphthalene, decahydro-2-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	12.00 ug/L	558629	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3	Pulegone	152	C10H16O	000089-82-7	60
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60
5	Pulegone	152	C10H16O	000089-82-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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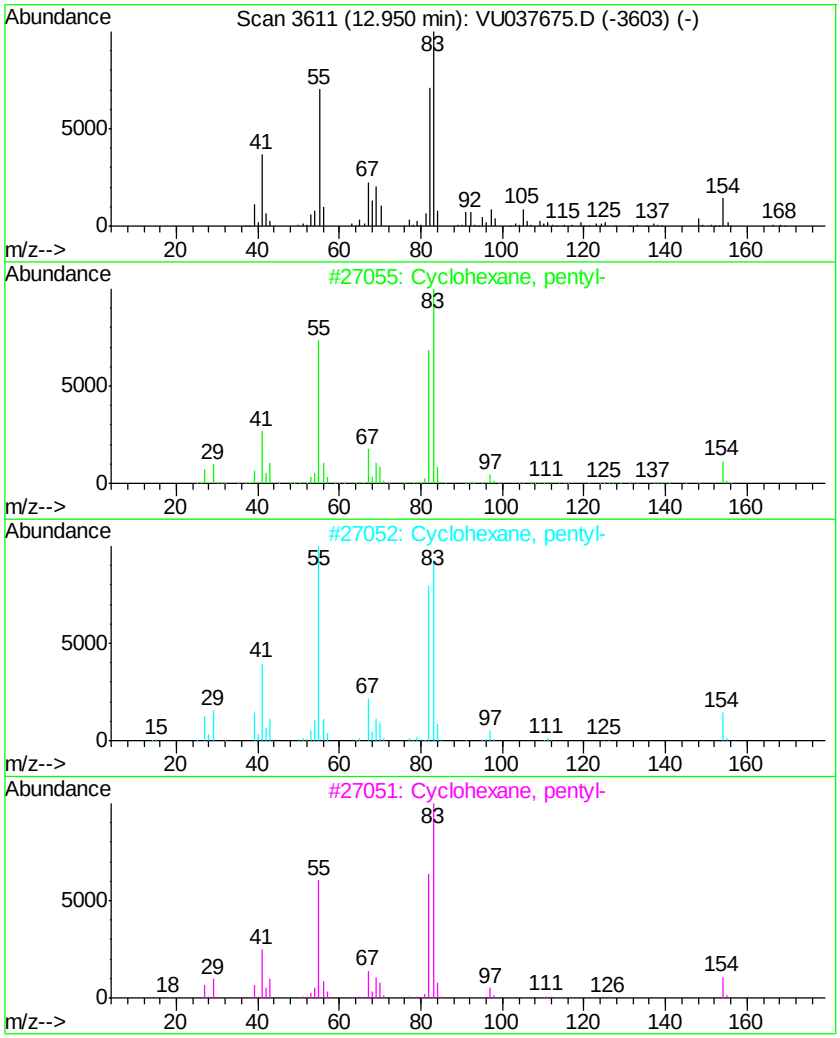
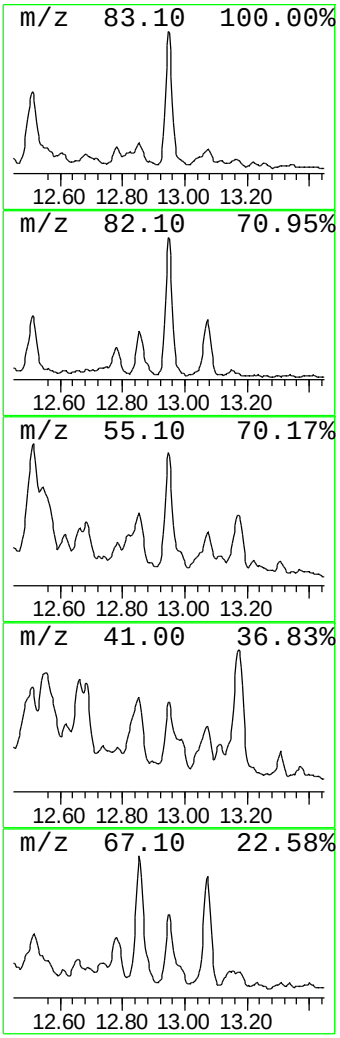
Peak Number 48 (DEL) Alkane: Cyclic12.95 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	8.70 ug/L	404992	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	93
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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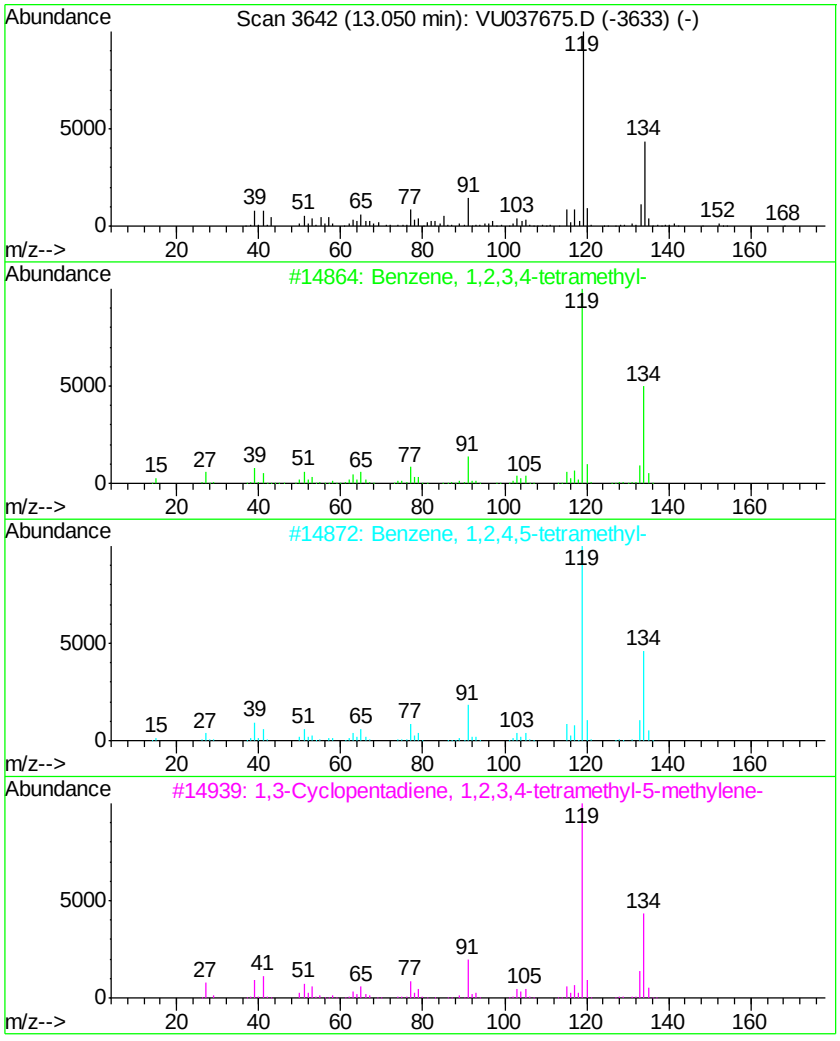
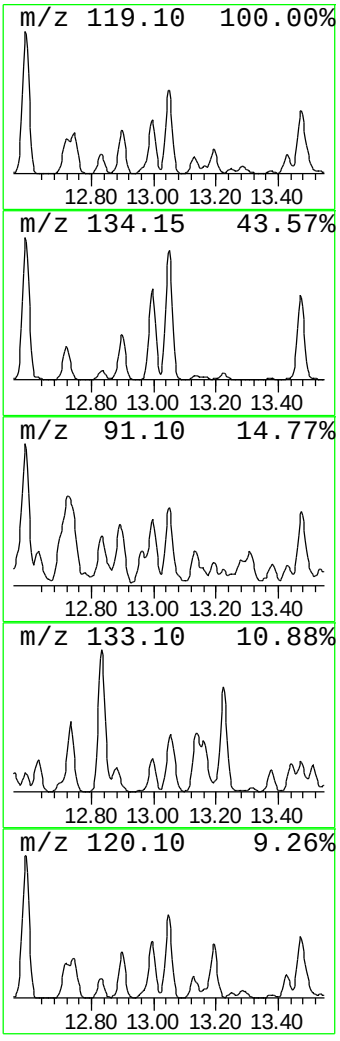
Peak Number 49 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	15.01 ug/L	698732	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	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

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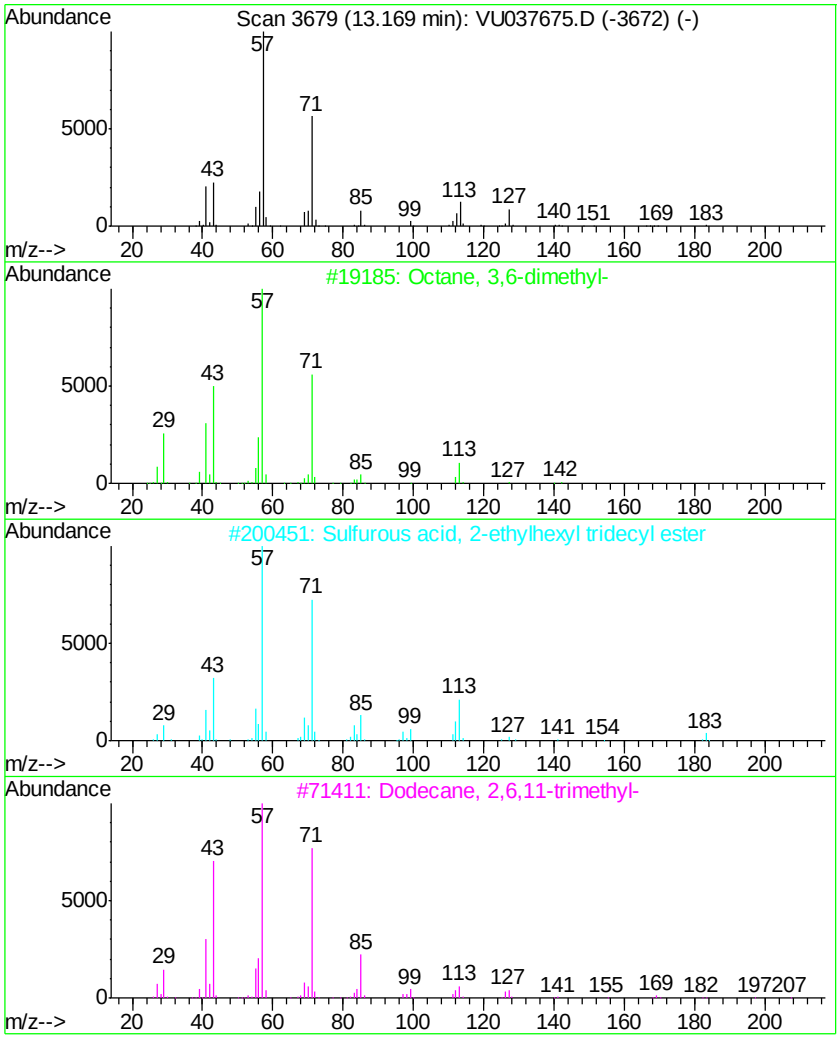
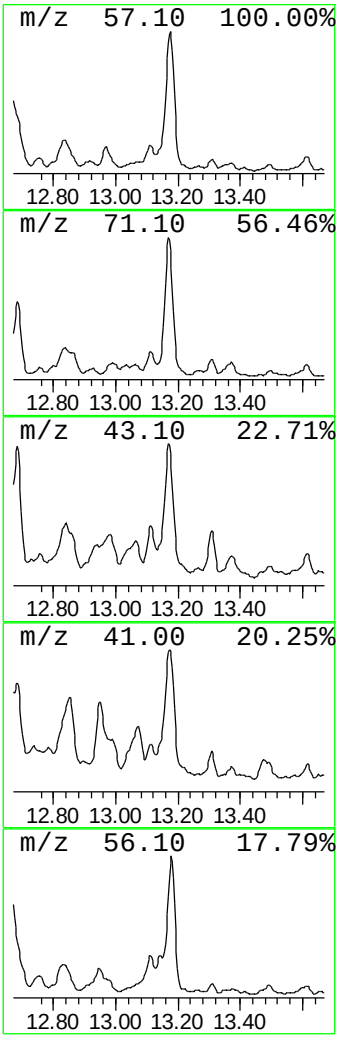
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	20.87 ug/L	971417	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	56
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

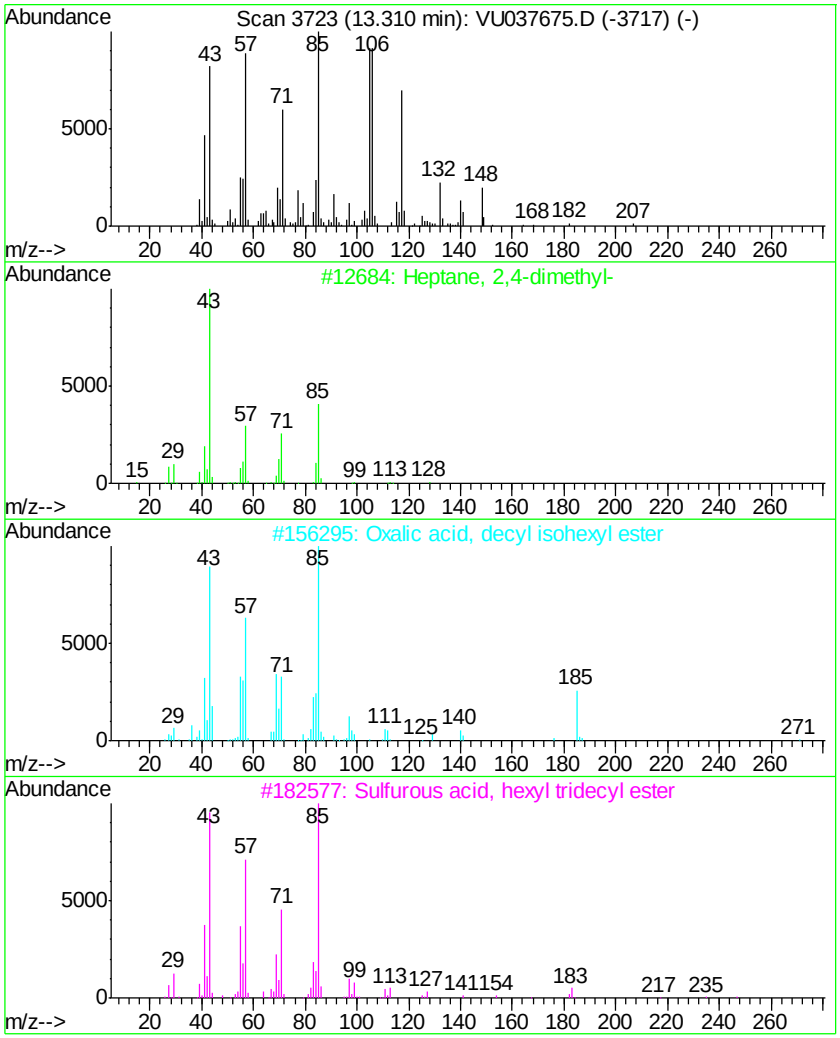
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

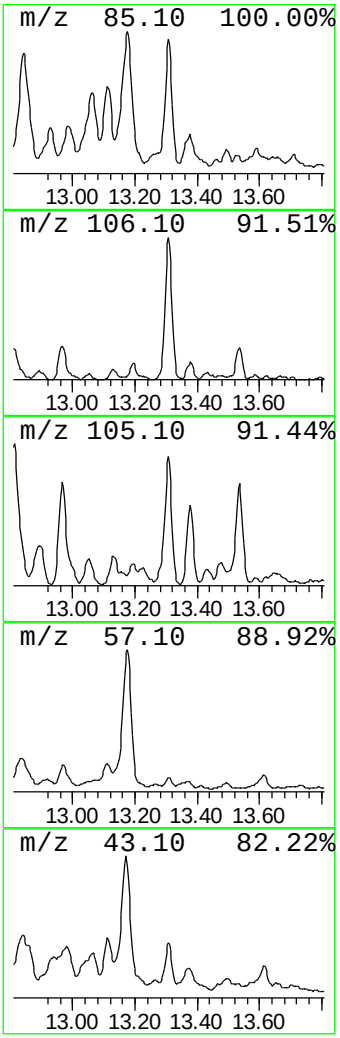
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	4.49 ug/L	209170	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	30
2	Oxalic acid, decyl isohexyl ester	314	C18H34O4	1000309-33-3	27
3	Sulfurous acid, hexyl tridecyl e...	348	C19H40O3S	1000309-13-5	27
4	Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	27
5	Pentanethioic acid, S-propyl ester	160	C8H16OS	002432-76-0	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

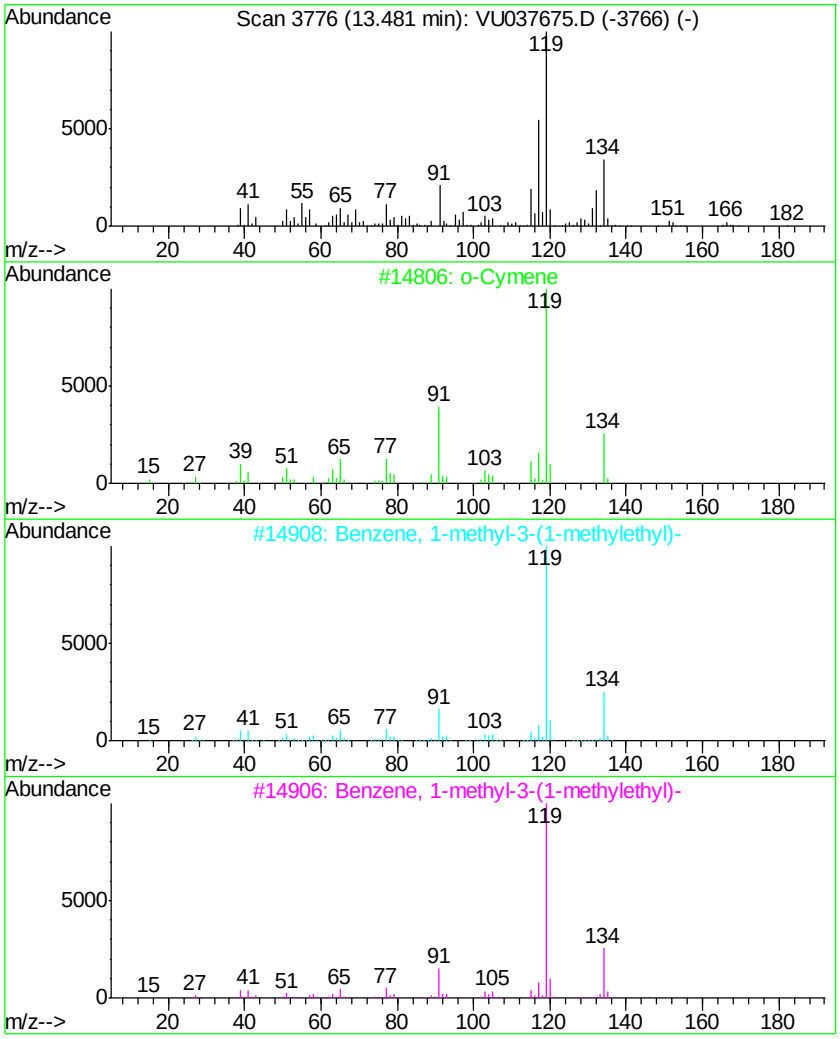
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

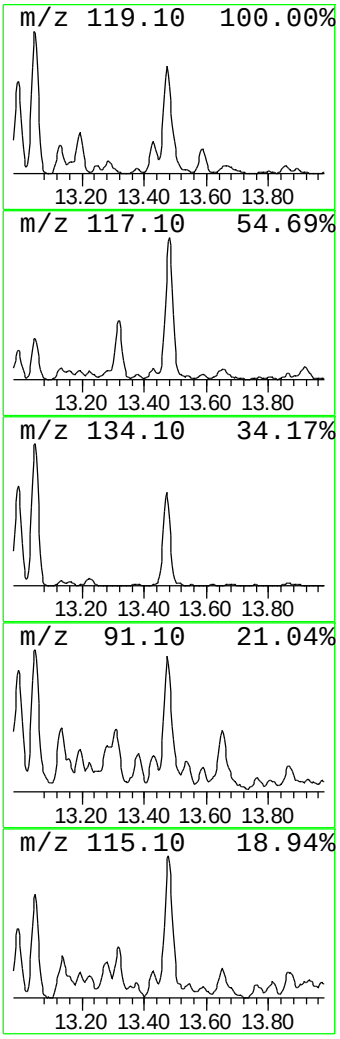
****

Peak Number 52 o-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	10.59 ug/L	493030	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	p-Cymene	134	C10H14	000099-87-6	64
5	o-Cymene	134	C10H14	000527-84-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037675.D
Acq On : 10 Apr 2020 16:04
Operator : JC/MD
Sample : L2176-07ME
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3ME

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.82	3.4	ug/L	90965	1	6.28	1349980	50.0
(DEL) Alkane: Str...	7.52	7.4	ug/L	200656	1	6.28	1349980	50.0
(DEL) Alkane: Str...	7.68	8.8	ug/L	238560	1	6.28	1349980	50.0
(DEL) Alkane: Cyc...	8.26	5.7	ug/L	196044	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	8.39	2.8	ug/L	96495	2	9.44	1735660	50.0
(DEL) Alkane: Str...	8.55	3.8	ug/L	133379	2	9.44	1735660	50.0
(DEL) Alkane: Str...	8.78	6.9	ug/L	239082	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	8.82	2.8	ug/L	97705	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	8.88	9.4	ug/L	326511	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	8.94	7.8	ug/L	269562	2	9.44	1735660	50.0
(DEL) Alkane: Str...	9.14	6.6	ug/L	229518	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	9.19	8.9	ug/L	309133	2	9.44	1735660	50.0
(DEL) Alkane: Str...	9.22	9.4	ug/L	328025	2	9.44	1735660	50.0
(DEL) Alkane: Str...	9.35	14.6	ug/L	507338	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	9.58	5.5	ug/L	190960	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	9.78	9.9	ug/L	344419	2	9.44	1735660	50.0
unknown-02	9.90	4.7	ug/L	162621	2	9.44	1735660	50.0
Ether, heptyl hexyl	10.03	26.9	ug/L	933390	2	9.44	1735660	50.0
unknown-03	10.19	5.3	ug/L	184597	2	9.44	1735660	50.0
(DEL) Alkane: Str...	10.27	52.8	ug/L	1831770	2	9.44	1735660	50.0
(DEL) Alkane: Str...	10.33	2.7	ug/L	92913	2	9.44	1735660	50.0
(DEL) Alkane: Cyc...	10.37	30.8	ug/L	1068670	2	9.44	1735660	50.0
(DEL) Alkane: Str...	10.41	23.4	ug/L	810869	2	9.44	1735660	50.0
(DEL) Alkane: Str...	10.57	34.7	ug/L	1205050	2	9.44	1735660	50.0
(DEL) Alkane: Str...	10.64	17.8	ug/L	830017	3	11.83	2327370	50.0
(DEL) Alkane: Str...	10.69	41.7	ug/L	1939190	3	11.83	2327370	50.0
(DEL) Alkane: Str...	10.88	7.4	ug/L	343335	3	11.83	2327370	50.0
Benzene, 1-ethyl-...	11.02	41.7	ug/L	1940730	3	11.83	2327370	50.0
(DEL) Alkane: Cyc...	11.08	14.9	ug/L	694051	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.26	3.0	ug/L	137719	3	11.83	2327370	50.0
unknown-04	11.32	28.4	ug/L	1324500	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.39	18.3	ug/L	850858	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.43	50.2	ug/L	2336180	3	11.83	2327370	50.0
Benzene, 1,2,3-tr...	11.48	166.5	ug/L	7749450	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.59	40.0	ug/L	1861560	3	11.83	2327370	50.0
unknown-05	11.65	9.3	ug/L	432719	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.71	125.9	ug/L	5861380	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.88	14.8	ug/L	689302	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.96	82.4	ug/L	3837570	3	11.83	2327370	50.0
(DEL) Alkane: Str...	11.99	66.8	ug/L	3110950	3	11.83	2327370	50.0
Benzene, 1-methyl...	12.14	43.1	ug/L	2006330	3	11.83	2327370	50.0
(DEL) Alkane: Str...	12.34	17.0	ug/L	790841	3	11.83	2327370	50.0
Benzene, 1-methyl...	12.40	35.6	ug/L	1656450	3	11.83	2327370	50.0
Benzene, 2-ethyl-...	12.48	10.5	ug/L	489867	3	11.83	2327370	50.0
Naphthalene, deca...	12.85	12.0	ug/L	558629	3	11.83	2327370	50.0
(DEL) Alkane: Cyc...	12.95	8.7	ug/L	404992	3	11.83	2327370	50.0
Benzene, 1,2,3,4-...	13.05	15.0	ug/L	698732	3	11.83	2327370	50.0
(DEL) Alkane: Str...	13.17	20.9	ug/L	971417	3	11.83	2327370	50.0
(DEL) Alkane: Str...	13.31	4.5	ug/L	209170	3	11.83	2327370	50.0

o-Cymene	13.48	10.6 ug/L	493030	3	11.83	2327370	50.0	

Instrument :
MSVOA_U
ClientSampleId :
BG2J3ME