LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

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_V\METHOD\SOMVLM111518WMA.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	1.319	63	71	90	rVB	111217	166925	15.07%	0.771%
2	1.550	138	143	154	rVB	37440	40959	3.70%	0.189%
3	2.110	307	317	329	rBV	198144	281718	25.43%	1.301%
4	3.946	873	888	933	rBV	74455	256474	23.15%	1.185%
5	4.405	1007	1031	1060	rVV	172181	447790	40.42%	2.068%
6	4.721	1112	1129	1143	rVV5	9098	25458	2.30%	0.118%
7	4.807	1143	1156	1173	rVV3	9926	26281	2.37%	0.121%
8	4.949	1188	1200	1227	rVV5	12818	39633	3.58%	0.183%
9	5.097	1227	1246	1275	rVV2	455409	1107734	100.00%	5.117%
10	5.225	1277	1286	1298	rVV7	10224	25080	2.26%	0.116%
11	5.666	1406	1423	1451	rBV	315618	644973	58.22%	2.979%
12	6.032	1524	1537	1549	rBV2	14970	32360	2.92%	0.149%
13	6.122	1549	1565	1574	rBV	237617	499908	45.13%	2.309%
14	6.174	1576	1581	1594	rVV2	118230	220704	19.92%	1.019%
15	6.241	1594	1602	1611	rVV3	30946	55082	4.97%	0.254%
16	6.299	1611	1620	1632	rVB3	34701	64231	5.80%	0.297%
17	6.499	1667	1682	1698	rBV6	28464	69788	6.30%	0.322%
18	6.675	1723	1737	1767	rBV8	18757	58789	5.31%	0.272%
19	6.881	1791	1801	1810	rBV3	29263	53264	4.81%	0.246%
20	7.032	1833	1848	1859	rBV	132494	255442	23.06%	1.180%
21	7.158	1871	1887	1897	rVB3	30828	67026	6.05%	0.310%
22	7.309	1918	1934	1940	rBV2	179505	334570	30.20%	1.545%
23	7.360	1941	1950	1967	rVB	496247	937845	84.66%	4.332%
24	7.489	1977	1990	2006	rBV3	52015	113714	10.27%	0.525%
25	7.669	2034	2046	2050	rVV2	89719	157054	14.18%	0.725%
26	7.701	2051	2056	2069	rVB2	130616	215475	19.45%	0.995%
27	7.833	2082	2097	2108	rBV	71464	125413	11.32%	0.579%
28	7.952	2108	2134	2144	rBV4	36978	94358	8.52%	0.436%
29	8.019	2144	2155	2167	rVB2	60616	105589	9.53%	0.488%
30	8.142	2168	2193	2214	rBV2	330284	804253	72.60%	3.715%
31	8.251	2215	2227	2243	rBV3	146167	397749	35.91%	1.837%
32	8.335	2243	2253	2263	rVB4	101772	187733	16.95%	0.867%
33	8.396	2263	2272	2280	rBV	114453	189255	17.08%	0.874%
34	8.441	2281	2286	2293	rVB2	25013	31143	2.81%	0.144%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

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_V\METHOD\SOMVLM111518WMA.M
Title : VOC Analysis

35	8.614	2327	2340	2341	rVV3	77172	96492	8.71%	0.446%
36	8.640	2343	2348	2363	rVV4	124937	300200	27.10%	1.387%
37	8.704	2363	2368	2381	rVB3	72045	116965	10.56%	0.540%
38	8.826	2395	2406	2417	rBV2	73281	130528	11.78%	0.603%
39	8.900	2417	2429	2448	rBV	438145	780540	70.46%	3.605%
40	9.048	2463	2475	2486	rVV8	39057	87491	7.90%	0.404%
41	9.151	2498	2507	2513	rVV3	70194	133402	12.04%	0.616%
42	9.199	2514	2522	2530	rVV2	142360	266116	24.02%	1.229%
43	9.241	2530	2535	2562	rVB3	82957	181474	16.38%	0.838%
44	9.363	2562	2573	2586	rBV2	39223	72631	6.56%	0.335%
45	9.457	2592	2602	2607	rBV3	35085	59982	5.41%	0.277%
46	9.521	2607	2622	2638	rVV4	221760	485670	43.84%	2.243%
47	9.621	2639	2653	2663	rVV3	114390	235167	21.23%	1.086%
48	9.675	2664	2670	2676	rVB2	70020	90914	8.21%	0.420%
49	9.720	2676	2684	2687	rBV3	63350	86893	7.84%	0.401%
50	9.756	2688	2695	2704	rVB3	253050	385210	34.77%	1.779%
51	9.846	2704	2723	2732	rBV4	221322	483979	43.69%	2.235%
52	9.894	2733	2738	2749	rVB2	94445	157069	14.18%	0.725%
53	9.955	2749	2757	2769	rVB6	47446	90490	8.17%	0.418%
54	10.023	2770	2778	2783	rBV3	57056	95012	8.58%	0.439%
55	10.061	2783	2790	2798	rBV2	115530	157961	14.26%	0.730%
56	10.132	2799	2812	2818	rBV2	174948	301036	27.18%	1.390%
57	10.267	2834	2854	2870	rBV3	476786	1032645	93.22%	4.770%
58	10.338	2871	2876	2885	rVB2	35365	50788	4.58%	0.235%
59	10.441	2900	2908	2917	rBV6	50780	87870	7.93%	0.406%
60	10.498	2918	2926	2935	rVB7	67613	116102	10.48%	0.536%
61	10.556	2936	2944	2952	rBV2	129136	210687	19.02%	0.973%
62	10.614	2955	2962	2971	rVB7	88098	159811	14.43%	0.738%
63	10.772	3005	3011	3017	rBV3	36672	52474	4.74%	0.242%
64	10.817	3018	3025	3033	rVB4	90418	130440	11.78%	0.602%
65	10.881	3038	3045	3051	rBV5	72189	92067	8.31%	0.425%
66	10.923	3051	3058	3065	rBV	246241	359104	32.42%	1.659%
67	10.961	3066	3070	3079	rVB2	63295	96735	8.73%	0.447%
68	11.080	3098	3107	3112	rBV	125203	195371	17.64%	0.902%
69	11.145	3123	3127	3135	rVB3	92787	119705	10.81%	0.553%
70	11.199	3136	3144	3152	rBV4	158933	241698	21.82%	1.116%
71	11.299	3166	3175	3183	rBV	481412	779388	70.36%	3.600%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

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_V\METHOD\SOMVLM111518WMA.M
Title : VOC Analysis

72	11.341	3183	3188	3195	rVV	140030	184617	16.67%	0.853%
73	11.383	3195	3201	3207	rVV3	78396	98361	8.88%	0.454%
74	11.473	3224	3229	3235	rVB5	44773	52983	4.78%	0.245%
75	11.511	3235	3241	3250	rVB3	78987	105927	9.56%	0.489%
76	11.598	3260	3268	3279	rBV3	34564	84518	7.63%	0.390%
77	11.675	3279	3292	3308	rVB	557558	1083124	97.78%	5.003%
78	11.820	3332	3337	3346	rVB5	55573	77553	7.00%	0.358%
79	11.987	3376	3389	3397	rBV5	148900	297229	26.83%	1.373%
80	12.039	3398	3405	3420	rVB4	116221	250759	22.64%	1.158%
81	12.170	3438	3446	3454	rBV2	100154	156868	14.16%	0.725%
82	12.309	3477	3489	3498	rBV8	126080	282831	25.53%	1.306%
83	12.418	3513	3523	3529	rBV3	169962	308287	27.83%	1.424%
84	12.518	3545	3554	3562	rBV6	166480	289871	26.17%	1.339%
85	12.598	3572	3579	3587	rBV8	44648	79899	7.21%	0.369%
86	12.688	3600	3607	3622	rVB4	56365	100754	9.10%	0.465%
87	12.849	3650	3657	3665	rVB9	35531	54017	4.88%	0.249%
88	12.932	3676	3683	3687	rBV5	76560	115800	10.45%	0.535%
89	13.090	3725	3732	3739	rBV	167451	260645	23.53%	1.204%
90	13.260	3781	3785	3794	rVB5	35923	44010	3.97%	0.203%
91	13.318	3796	3803	3809	rBV5	35395	54654	4.93%	0.252%
92	13.534	3863	3870	3881	rVB6	108773	187498	16.93%	0.866%
93	13.592	3882	3888	3896	rBV6	46490	68974	6.23%	0.319%
94	13.691	3911	3919	3933	rVB2	103412	204759	18.48%	0.946%
95	14.141	4053	4059	4070	rVB6	74252	129950	11.73%	0.600%
96	14.559	4183	4189	4202	rVB3	66976	103673	9.36%	0.479%
97	14.704	4228	4234	4242	rBV2	71994	100335	9.06%	0.463%
98	14.997	4319	4325	4333	rVB4	39029	54724	4.94%	0.253%
99	15.469	4465	4472	4480	rBV	63598	90889	8.20%	0.420%
100	15.514	4481	4486	4503	rVB4	46728	72743	6.57%	0.336%

Sum of corrected areas: 21650129

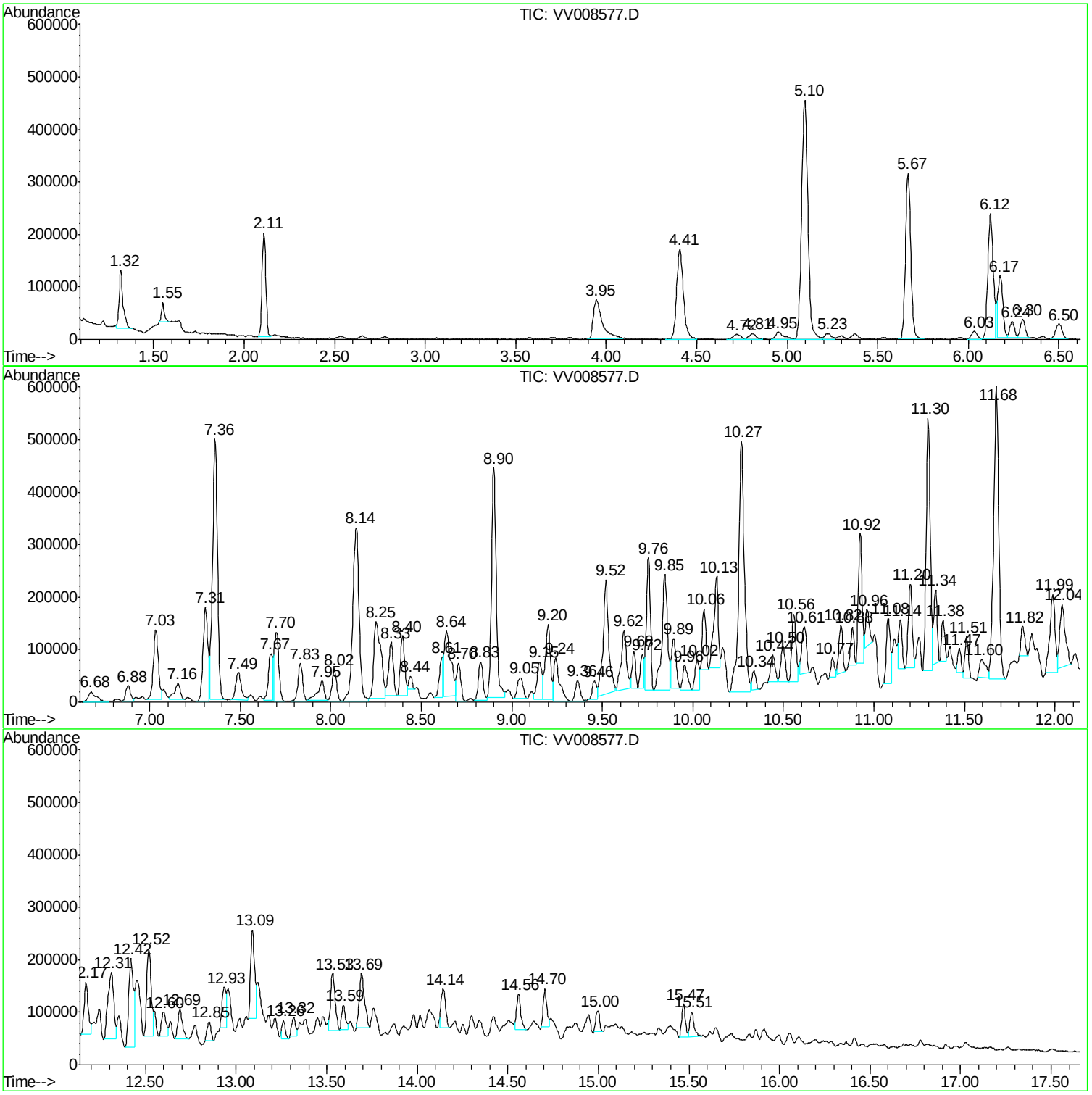
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.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_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

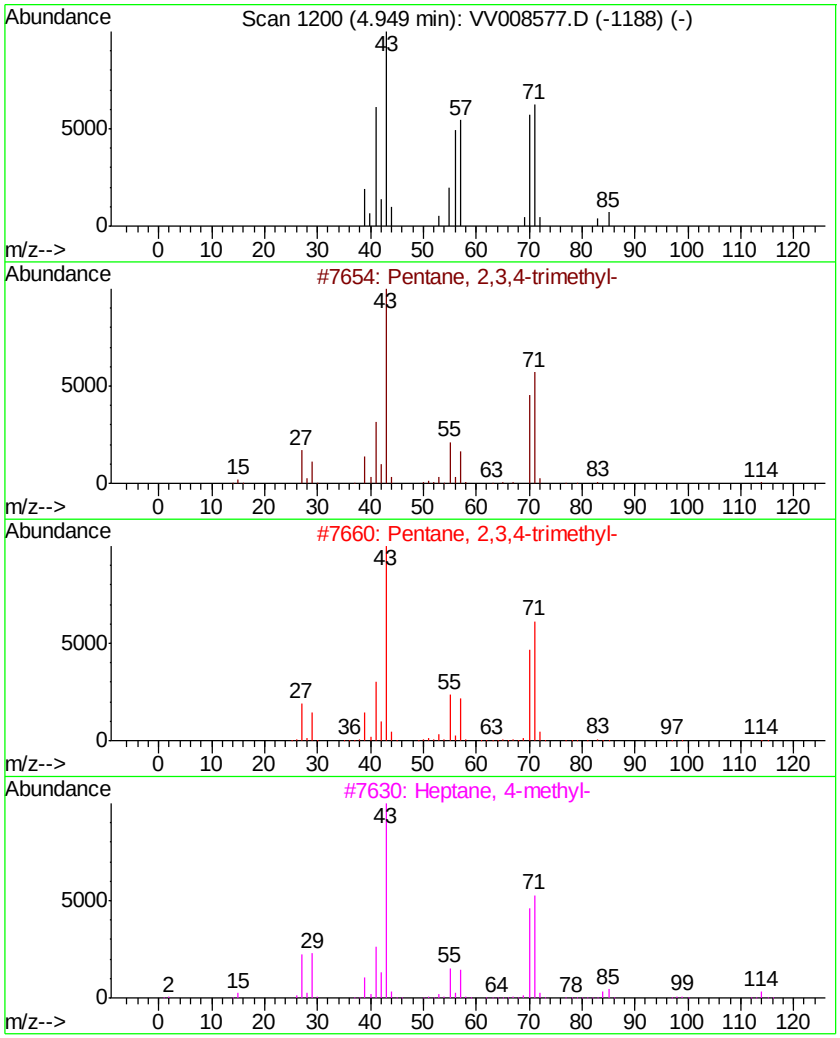
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

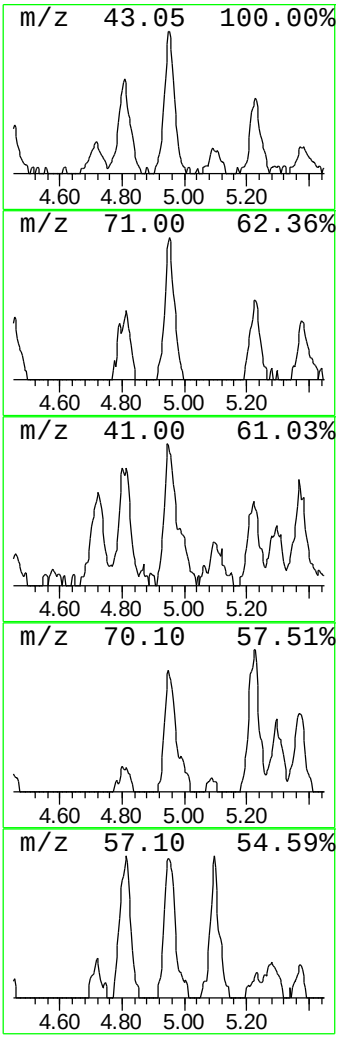
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.07 ug/L	39633	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

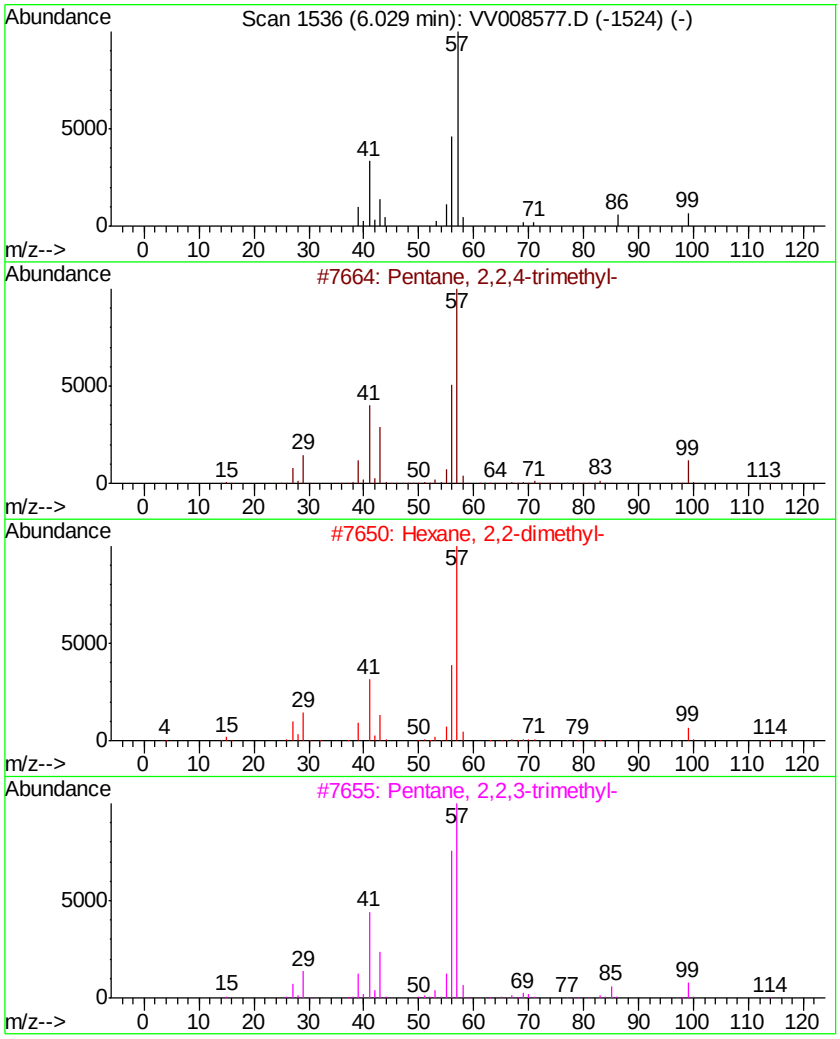
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

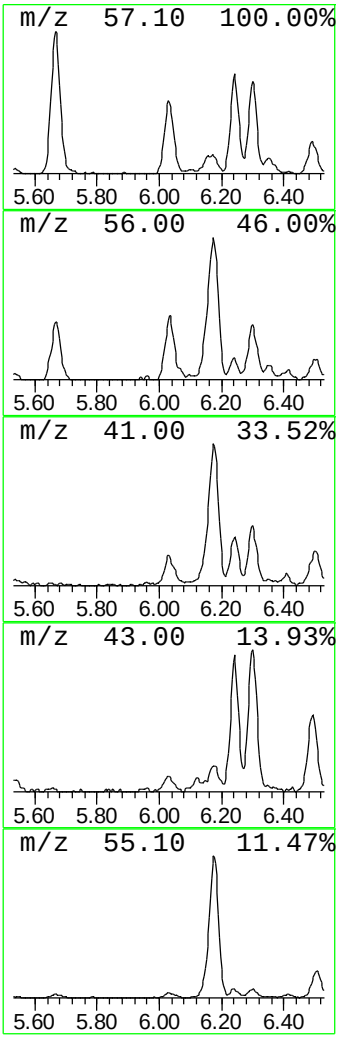
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	2.51 ug/L	32360	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	56
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

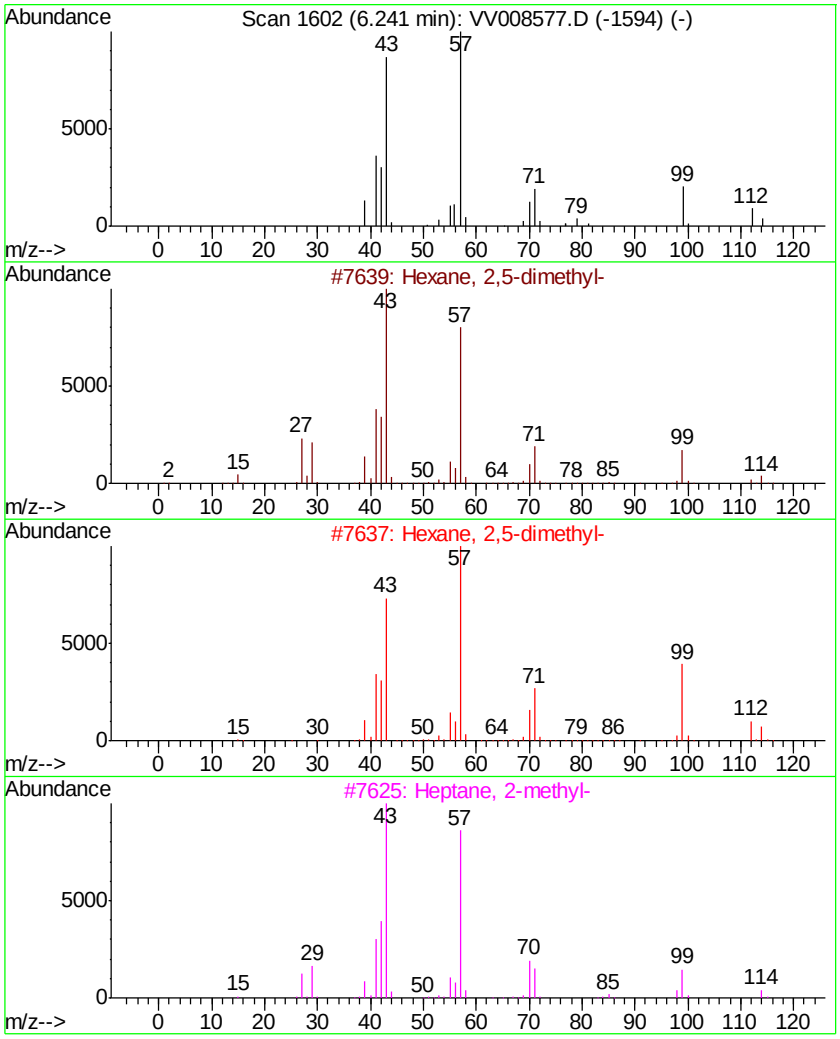
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

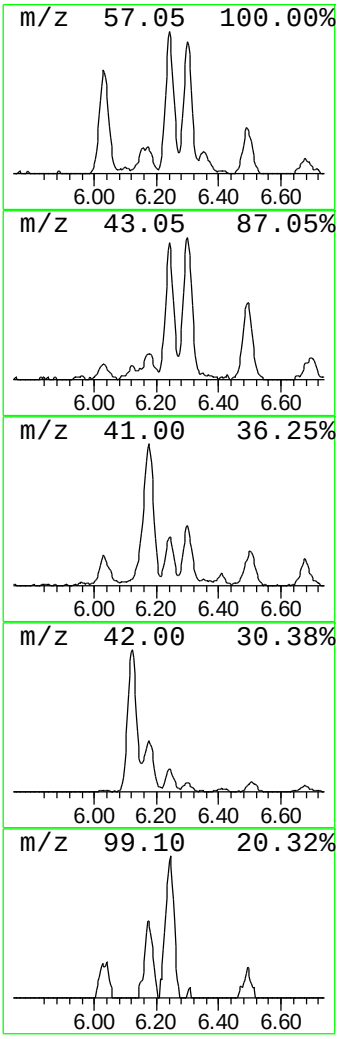
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	4.27 ug/L	55082	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	80
4	2-Isopropyl-4H-oxazol-5-one	127	C6H9NO2	1000190-01-9	53
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

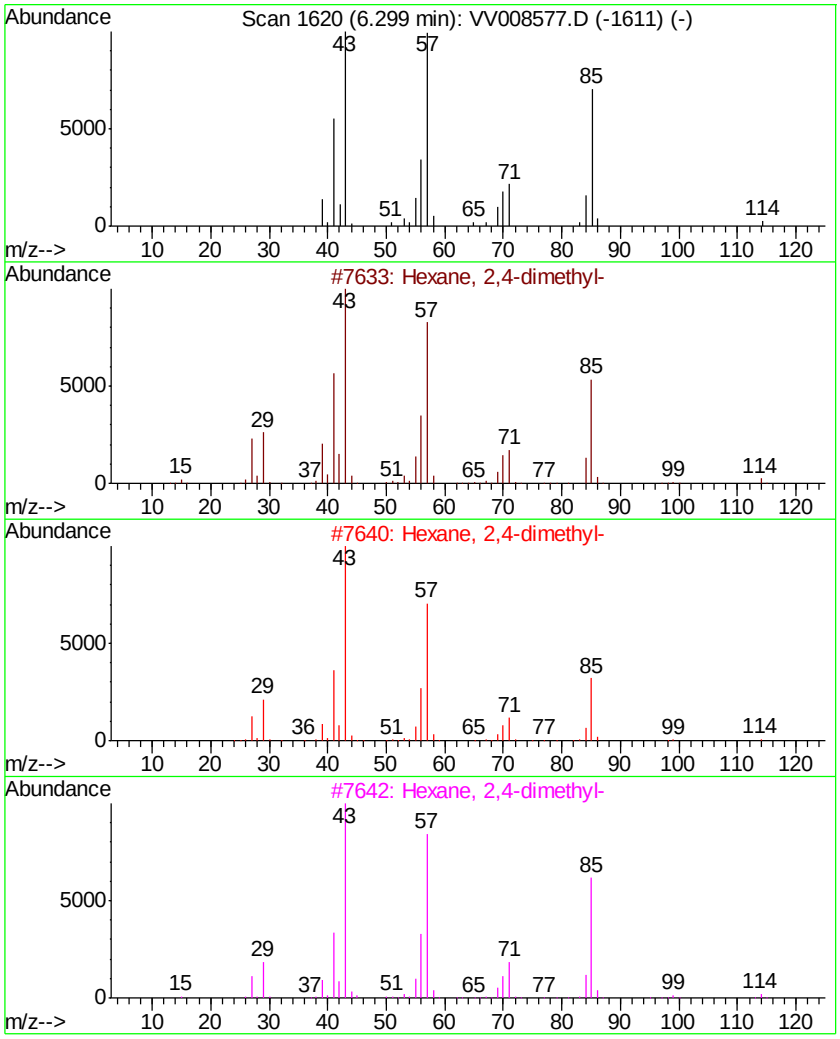
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

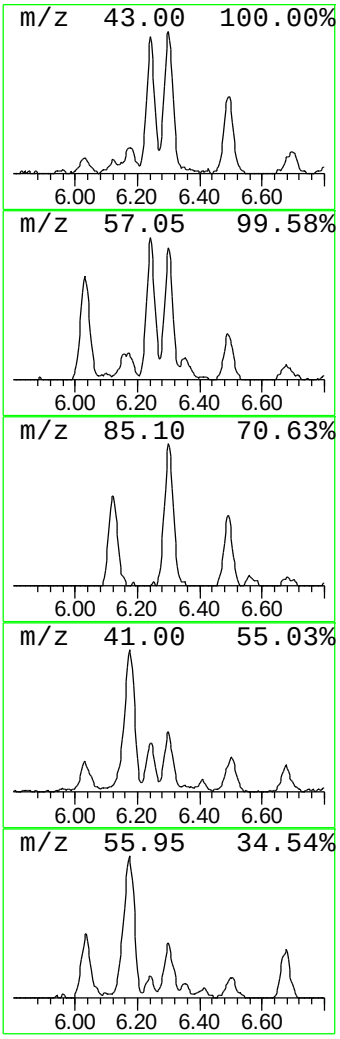
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	4.98 ug/L	64231	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

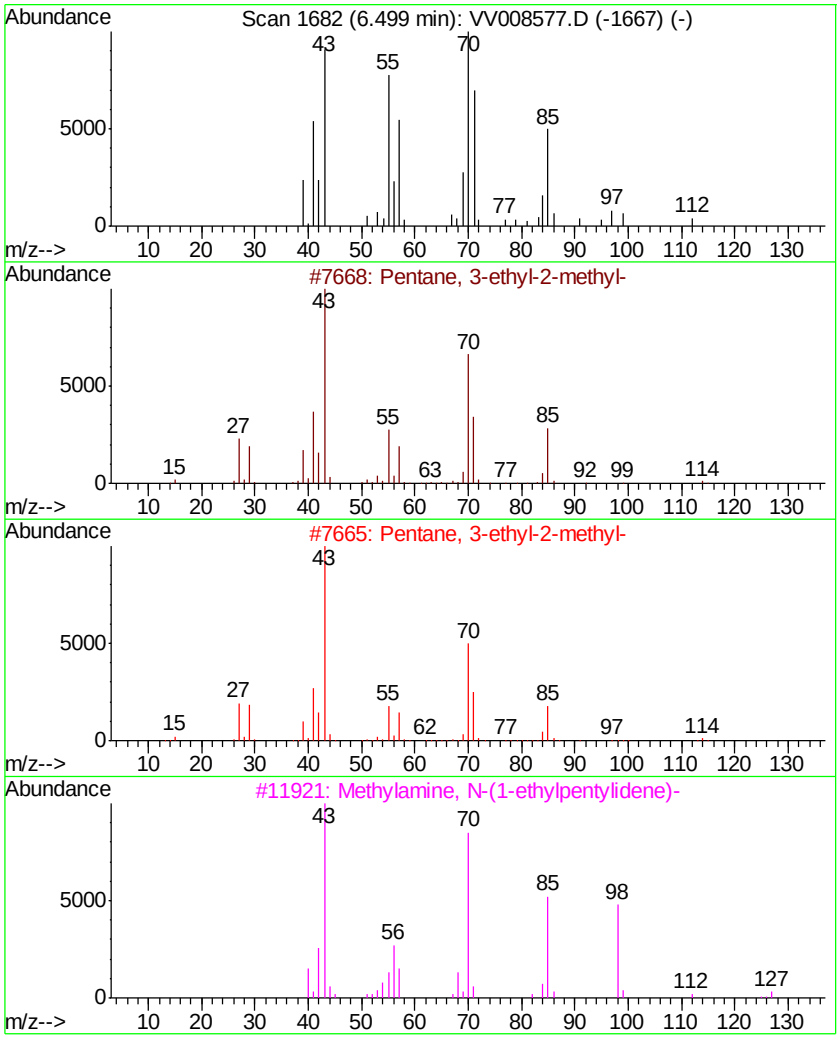
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

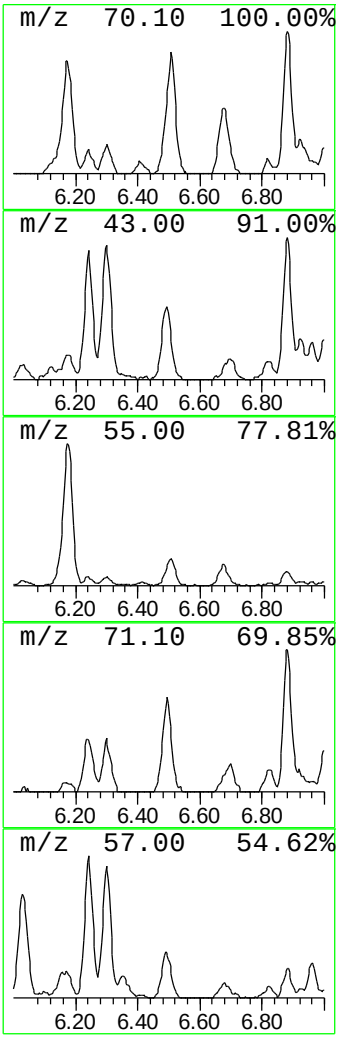
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	5.41 ug/L	69788	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
2	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
3	Methylamine, N-(1-ethylpentylide...	127	C8H17N	018641-73-1	53
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53
5	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

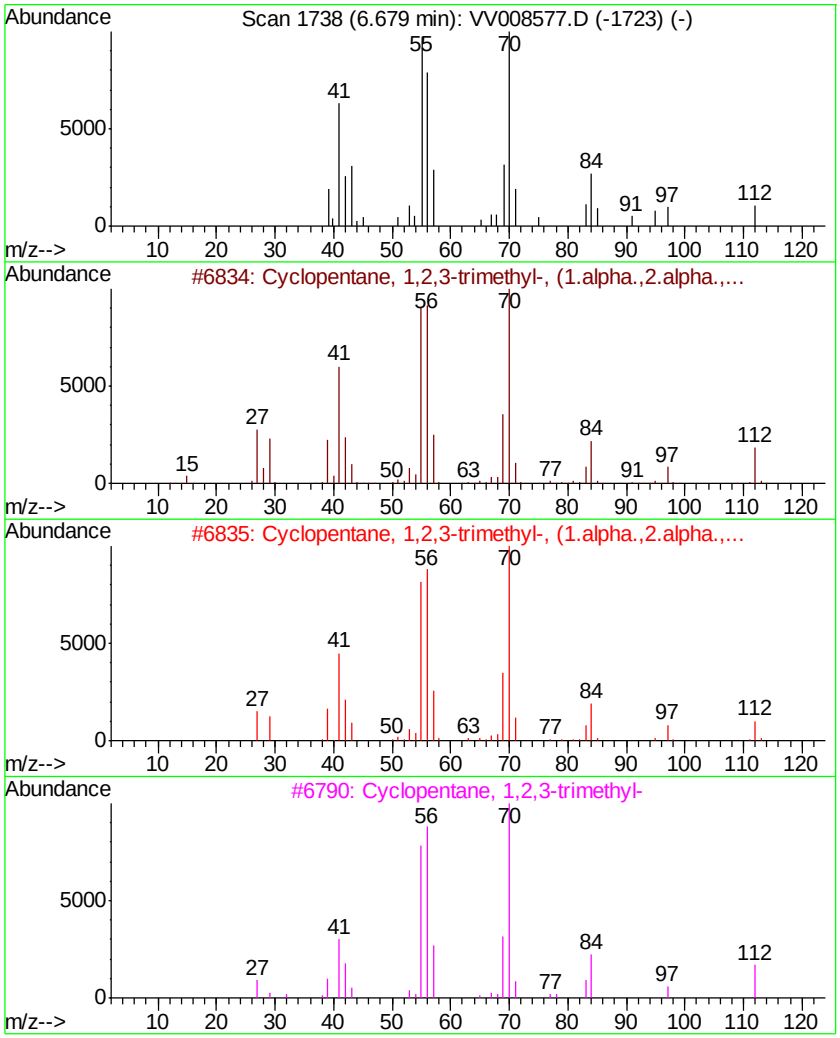
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

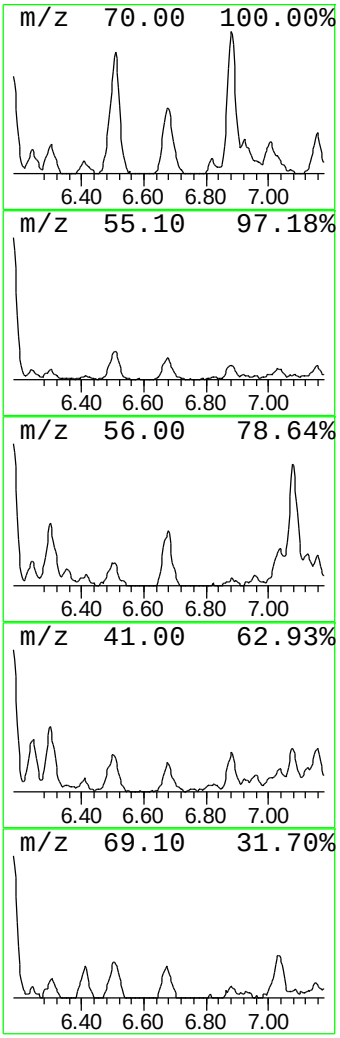
****

Peak Number 6 (DEL) Alkane: Cyclic6.68 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	4.56 ug/L	58789	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	86
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	81
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	72
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

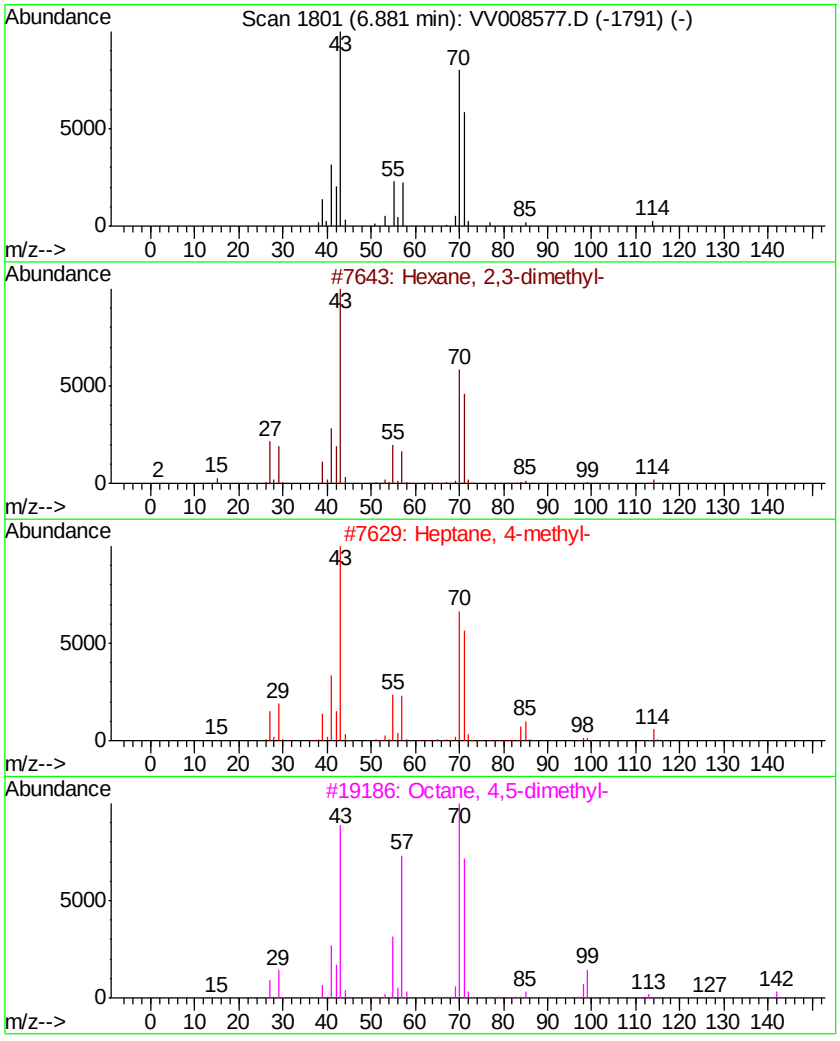
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

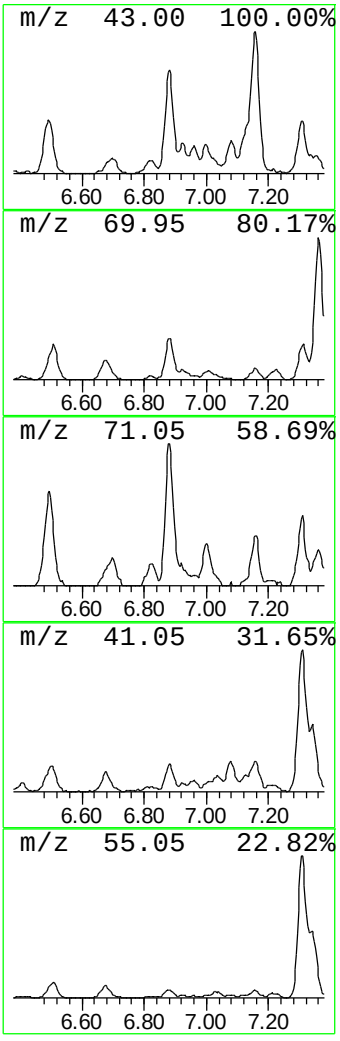
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	4.13 ug/L	53264	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	83
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	80
5	Pyrrolidine	71	C4H9N	000123-75-1	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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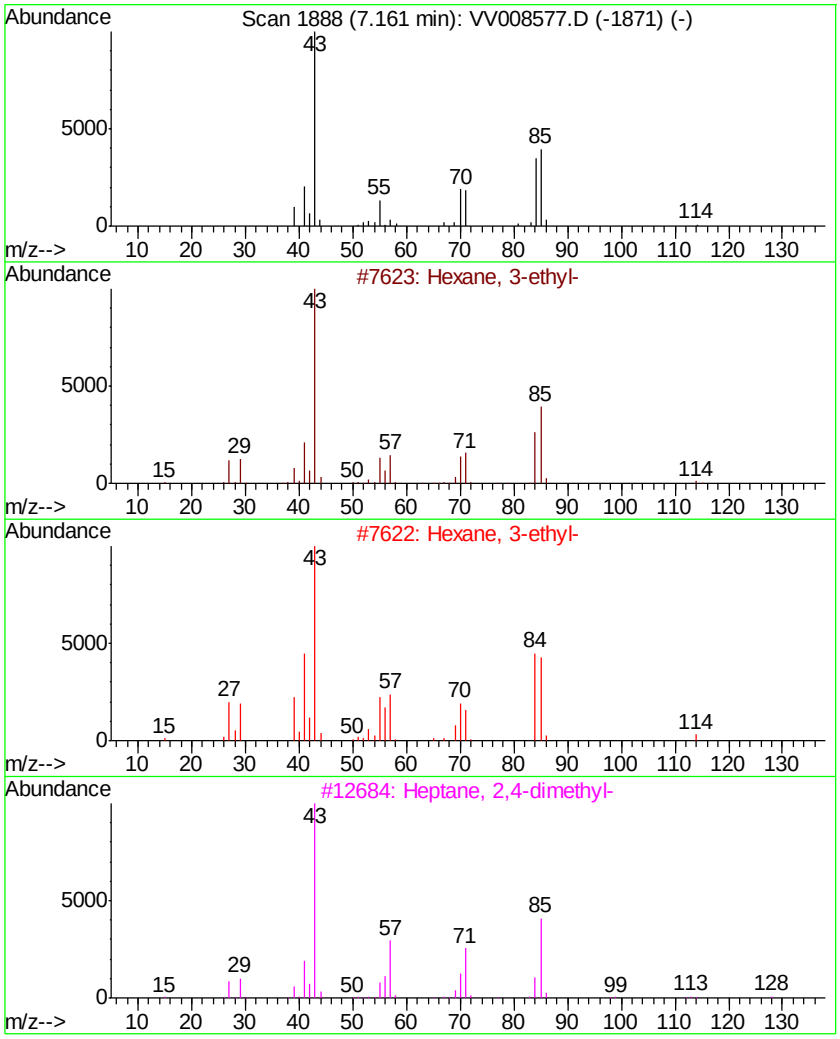
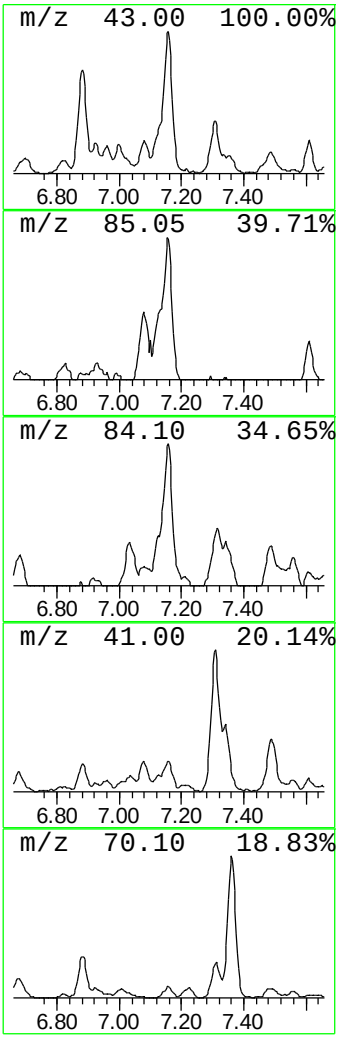
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	5.20 ug/L	67026	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	90
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	56
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
5	Ethanone, 1-(3-ethyloxiranyl)-	114	C6H10O2	017257-81-7	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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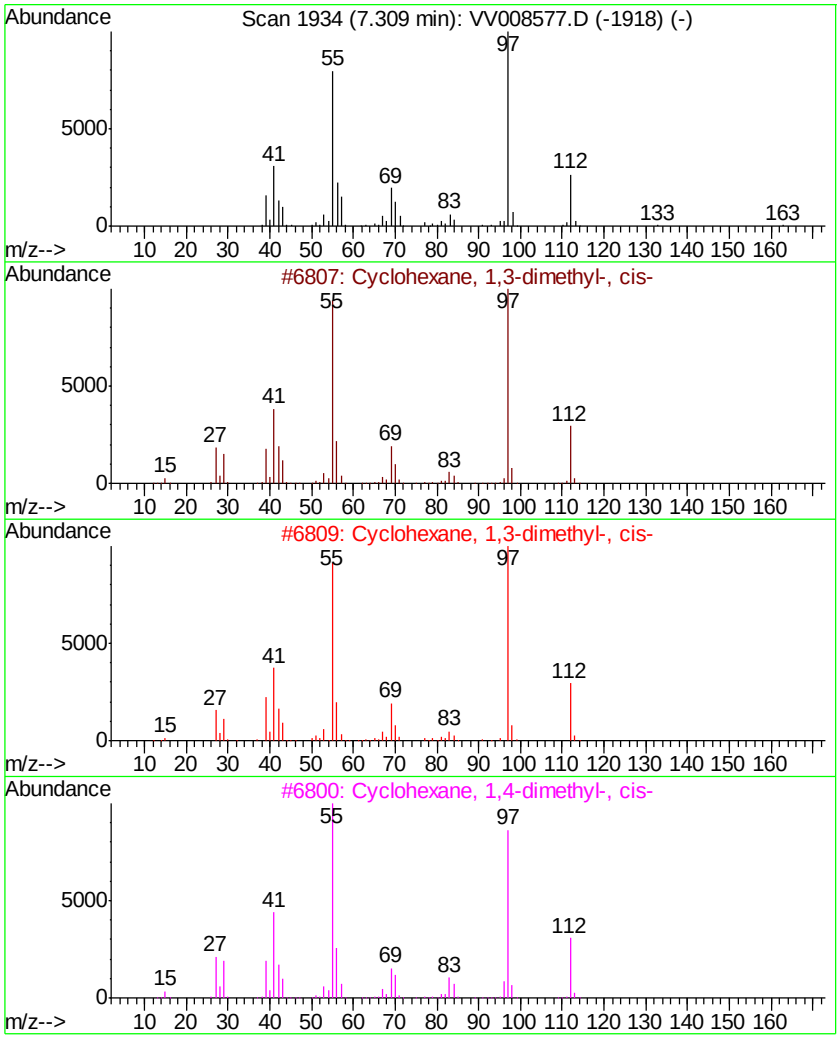
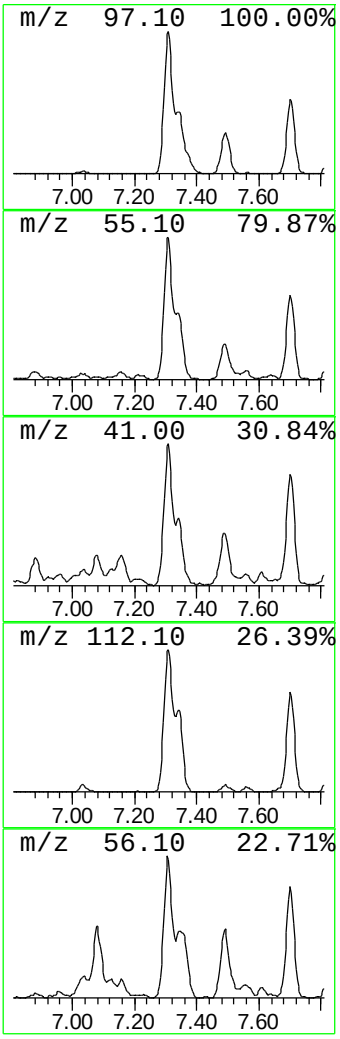
Peak Number 10 (DEL) Alkane: Cyclic7.31 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	21.43 ug/L	334570	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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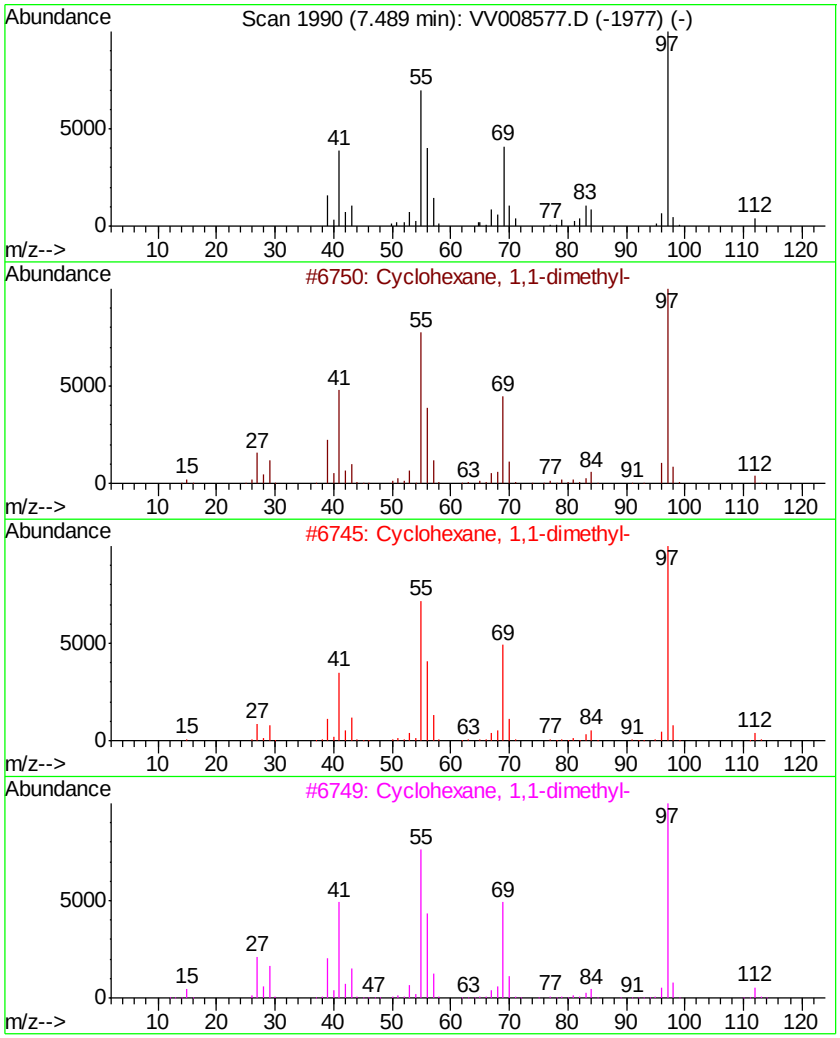
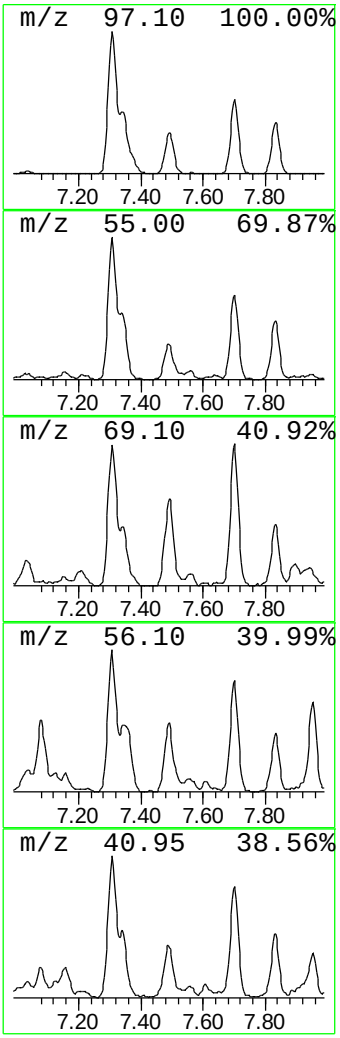
Peak Number 11 (DEL) Alkane: Cyclic7.49 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	7.28 ug/L	113714	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	91
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	87
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	83
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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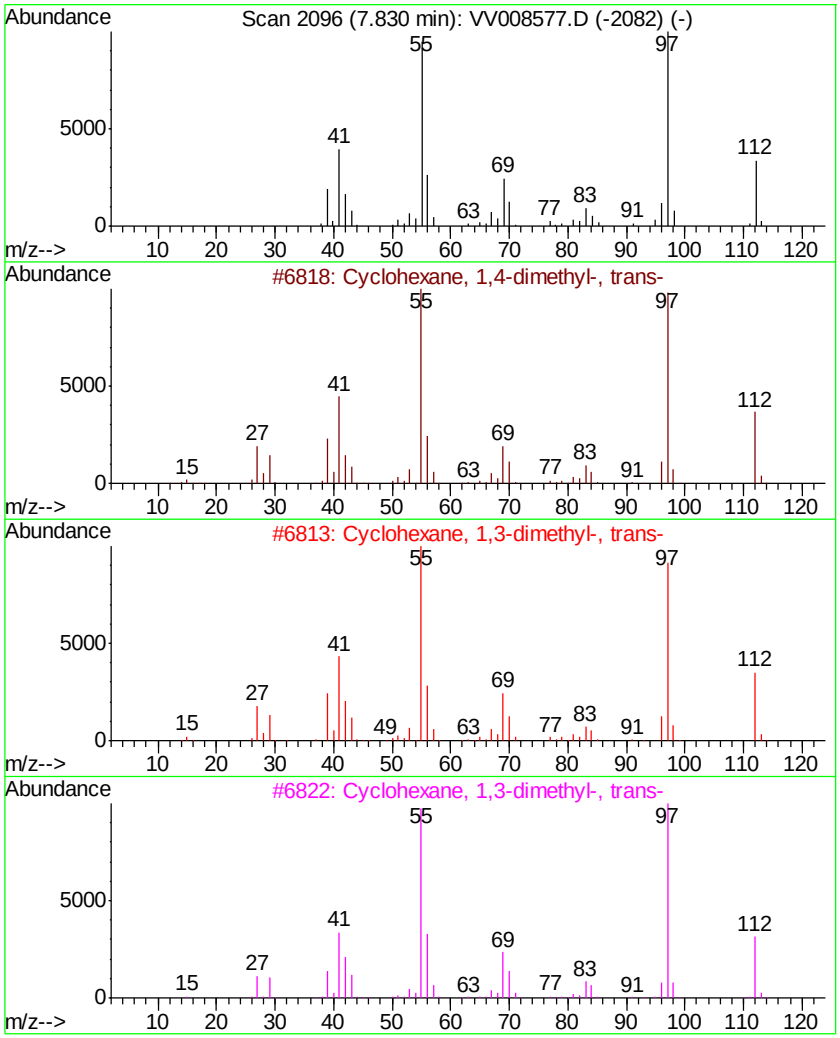
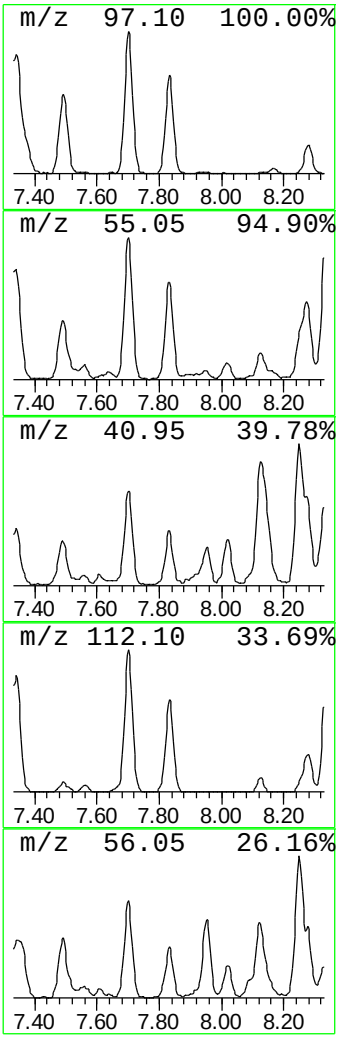
Peak Number 12 (DEL) Alkane: Cyclic7.83 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	8.03 ug/L	125413	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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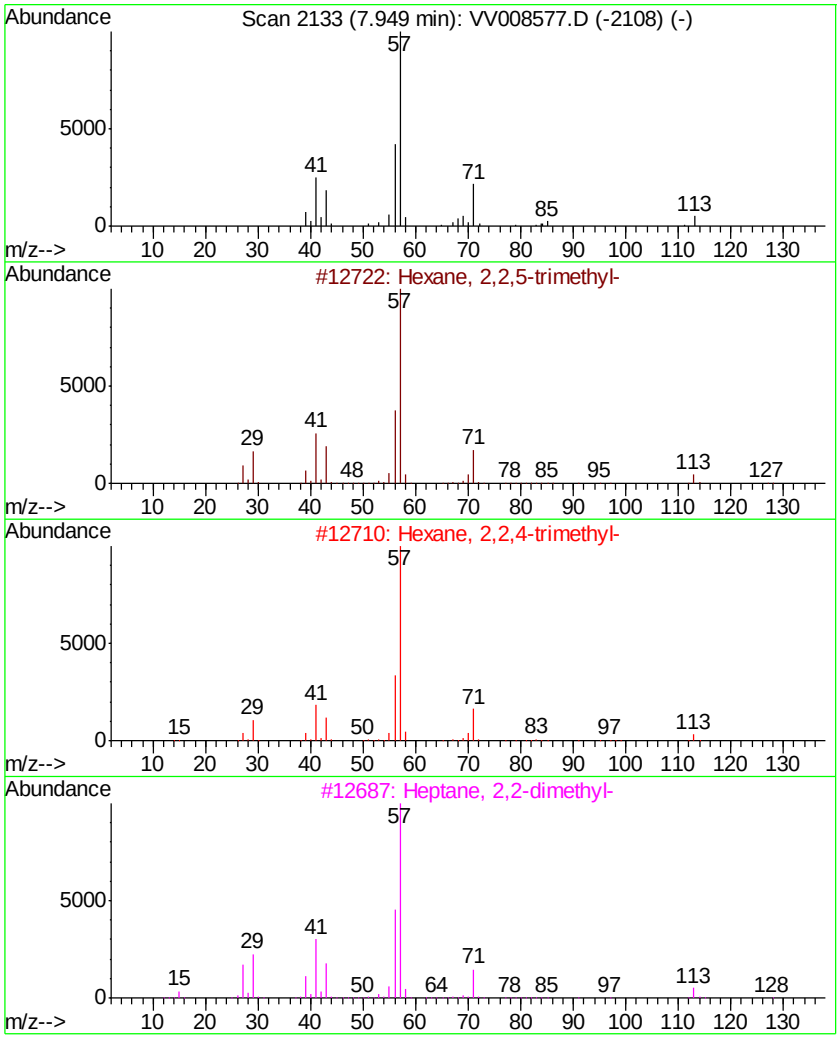
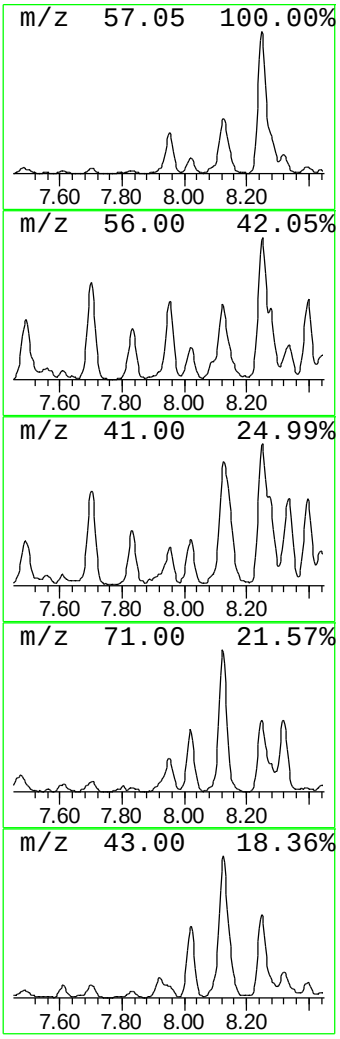
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.04 ug/L	94358	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	72
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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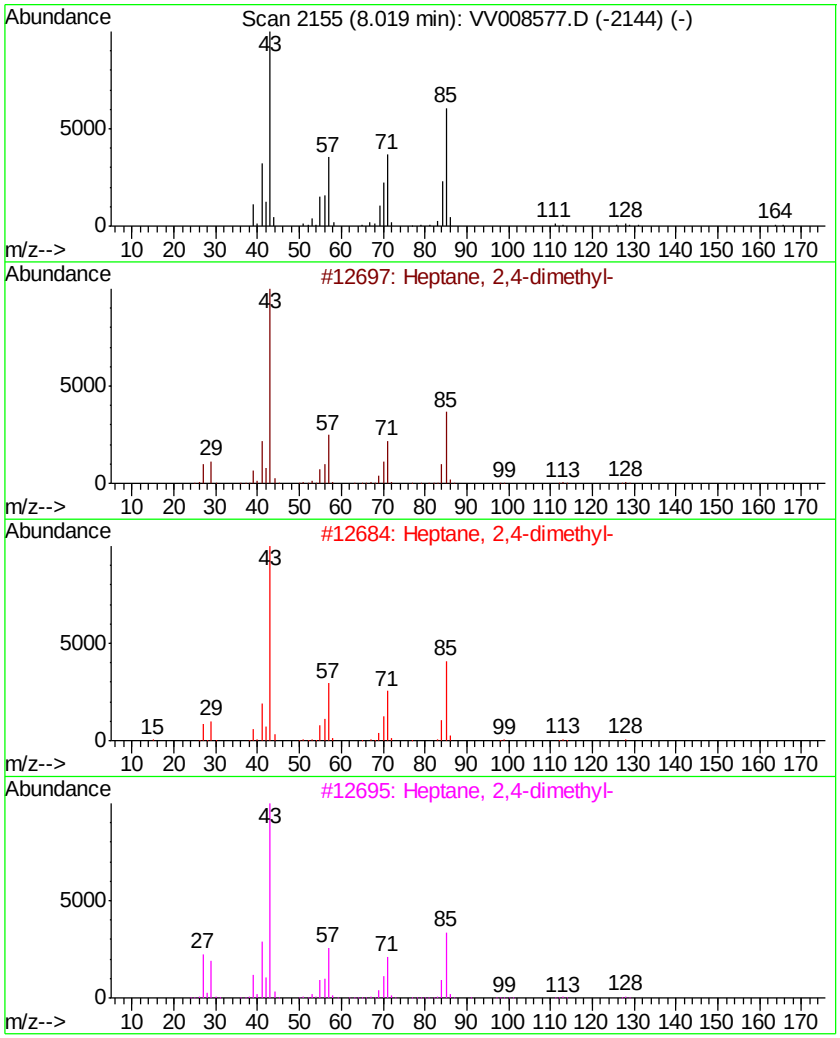
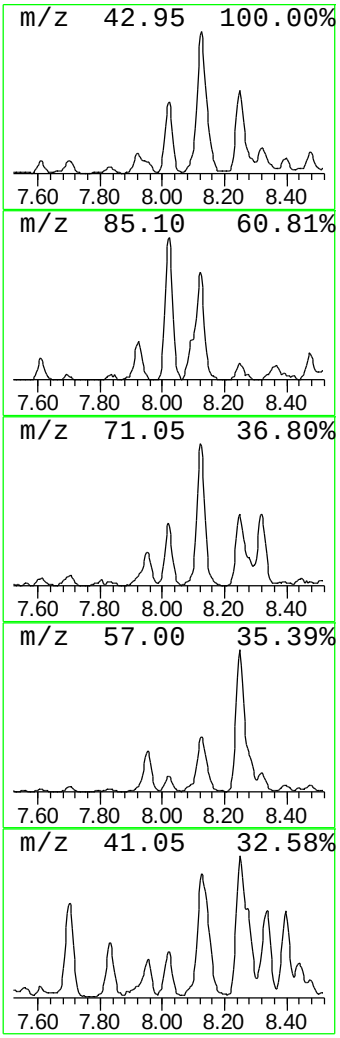
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	6.76 ug/L	105589	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	62
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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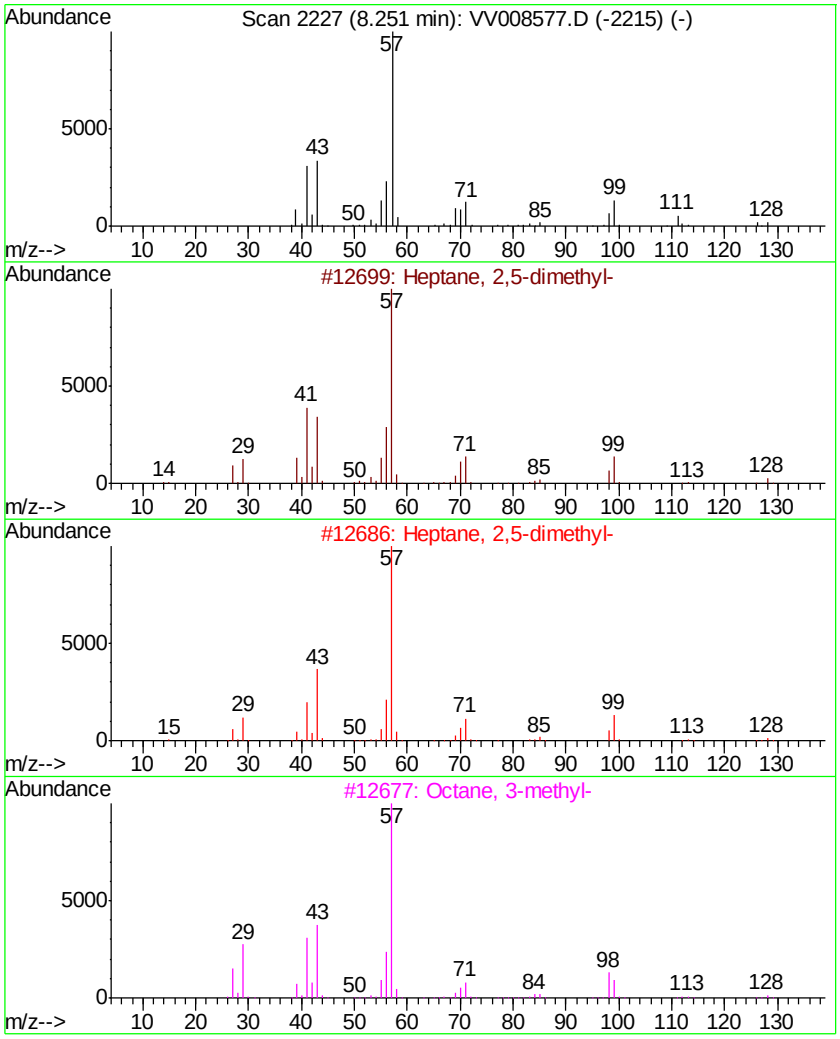
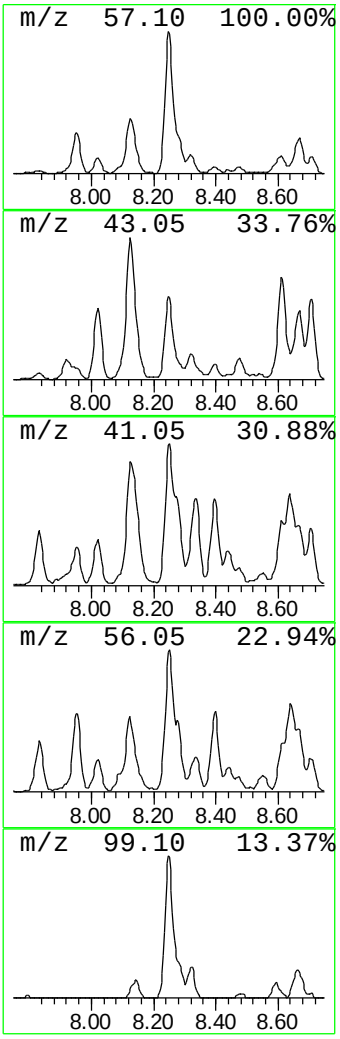
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	25.48 ug/L	397749	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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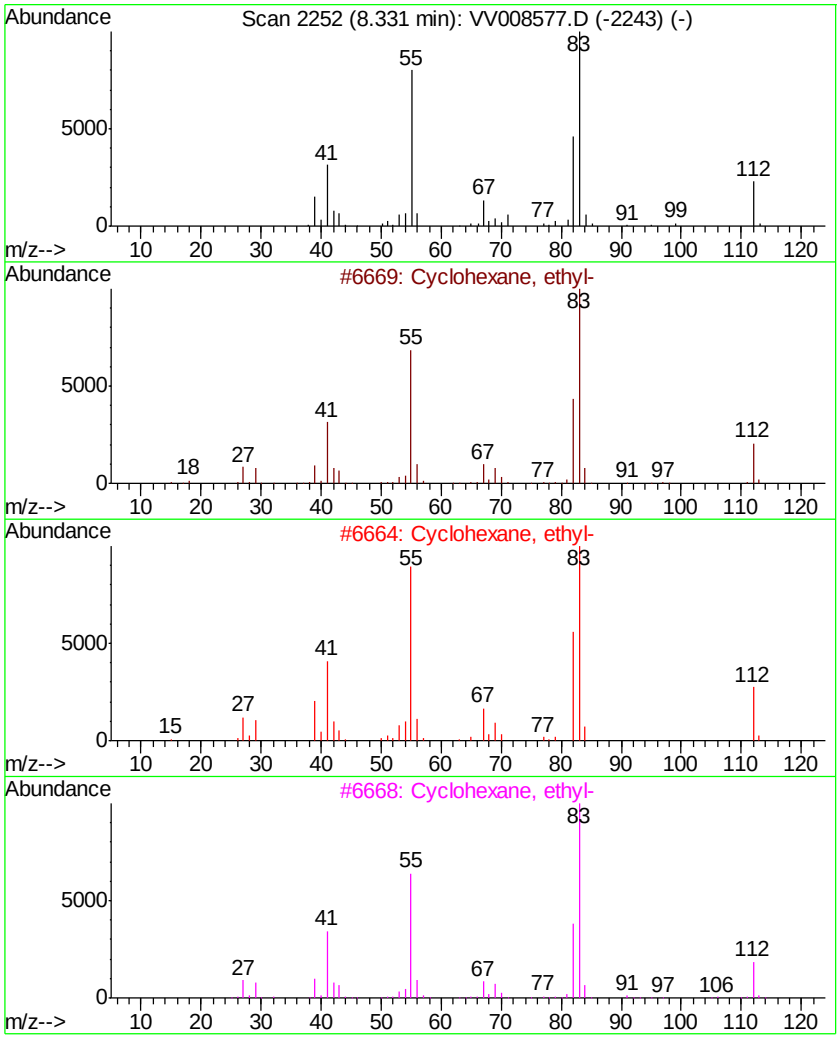
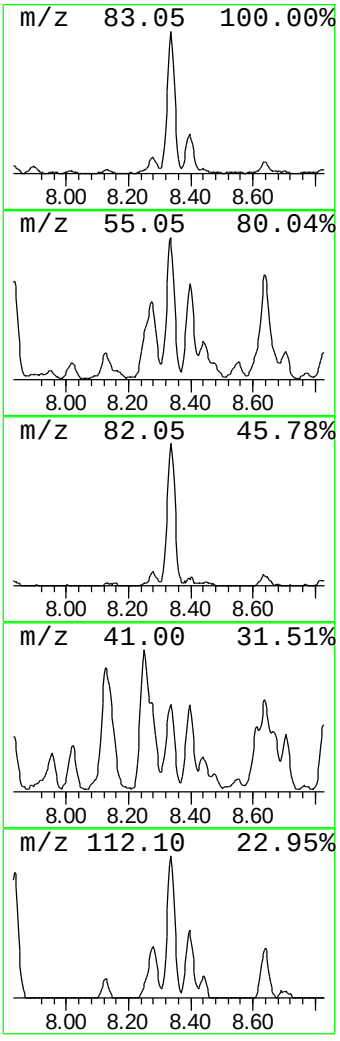
Peak Number 16 (DEL) Alkane: Cyclic8.33 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	12.03 ug/L	187733	Chlorobenzene-d5	8.90

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	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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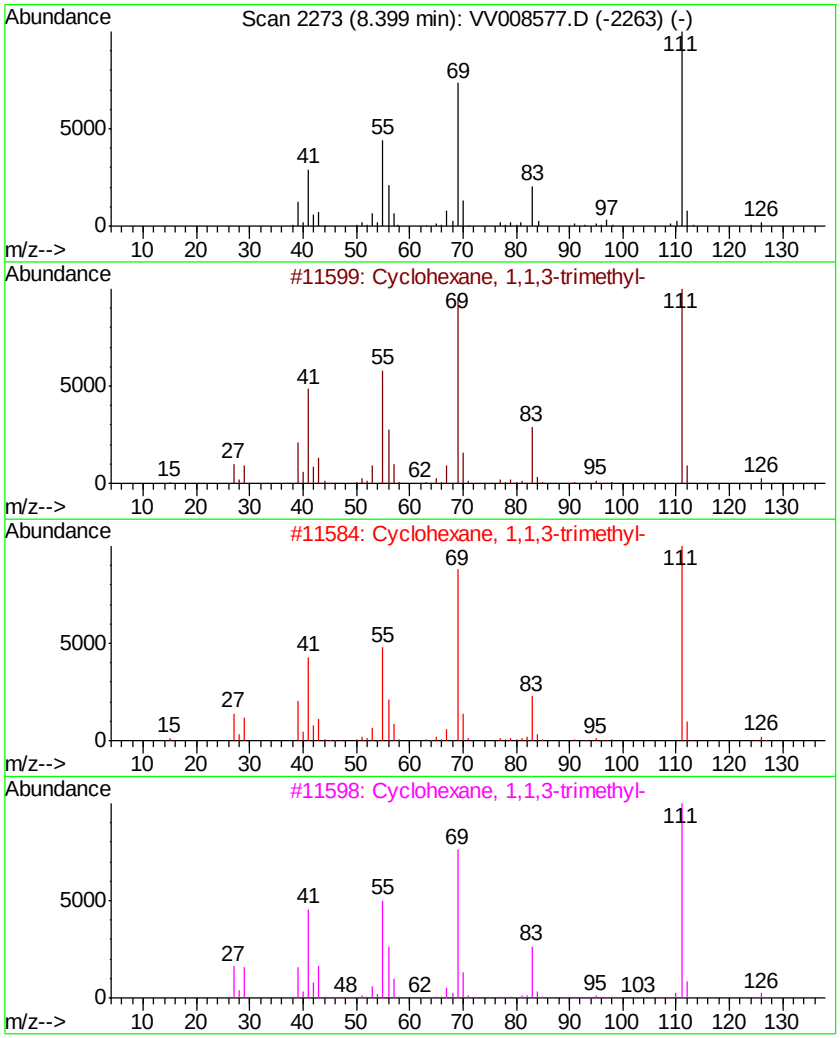
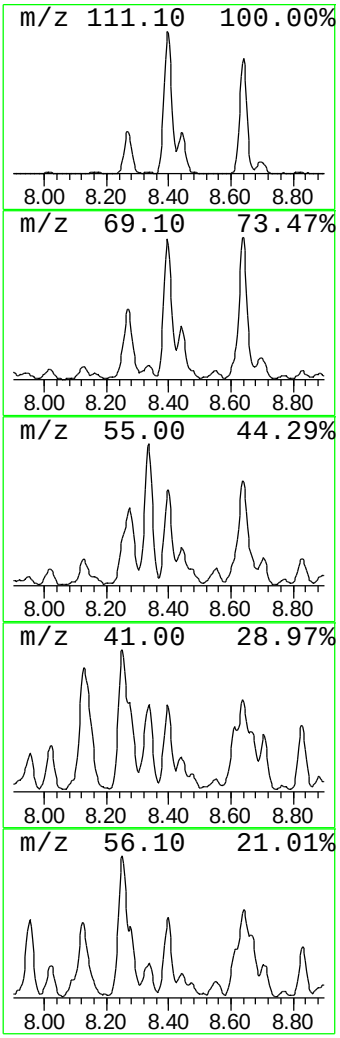
Peak Number 17 (DEL) Alkane: Cyclic8.40 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	12.12 ug/L	189255	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

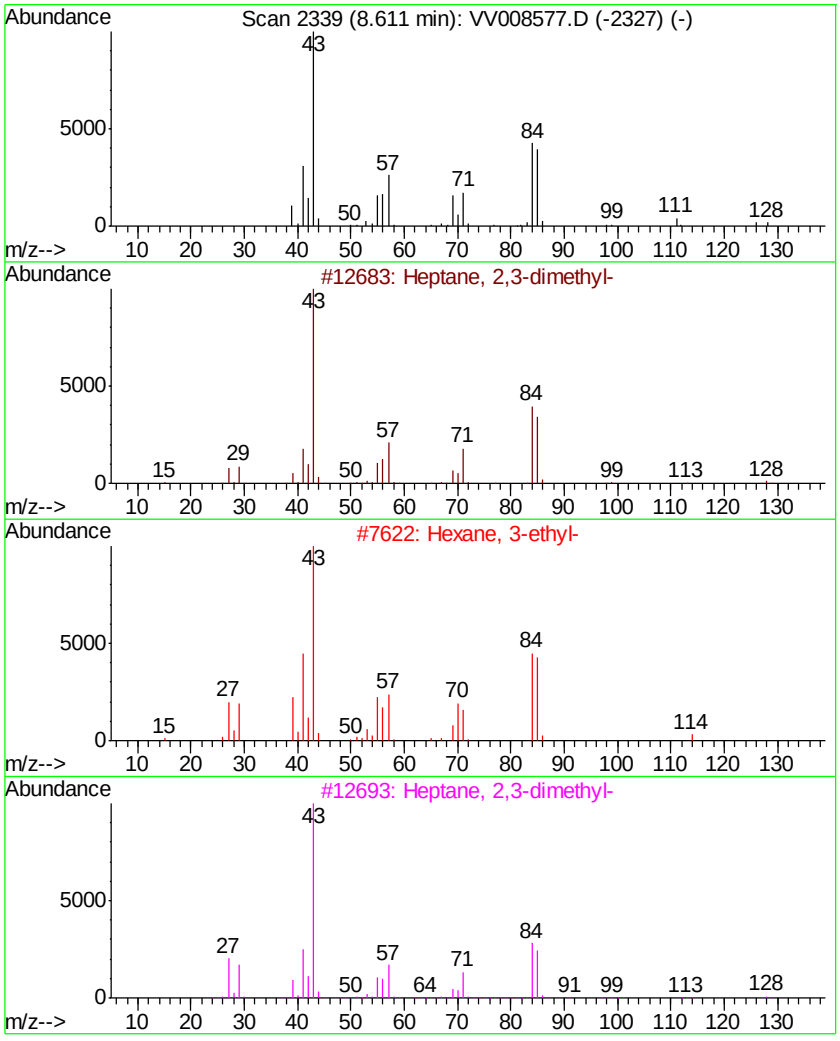
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

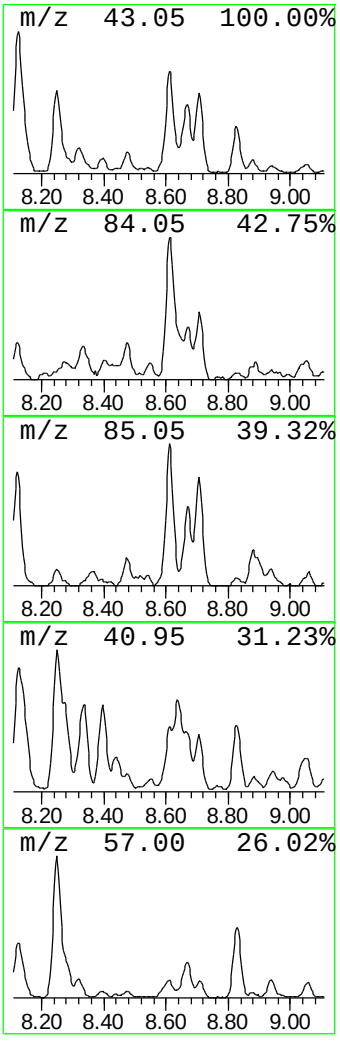
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	6.18 ug/L	96492	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	86
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	76
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	72
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

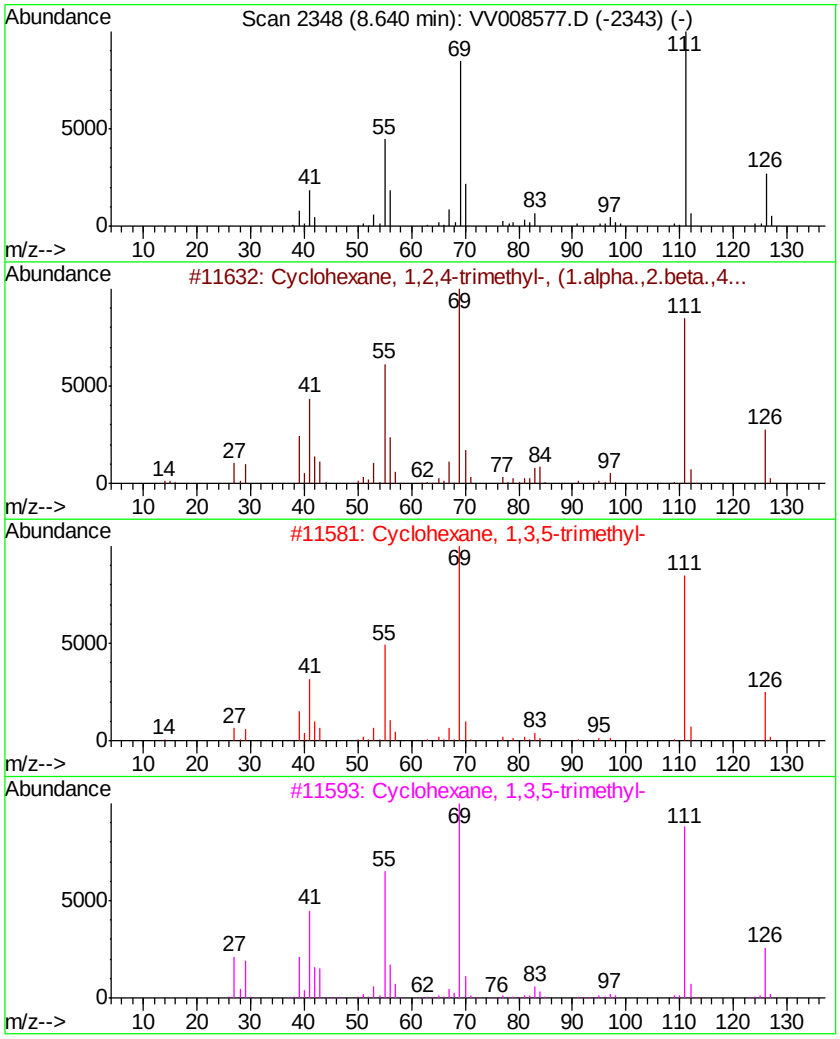
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

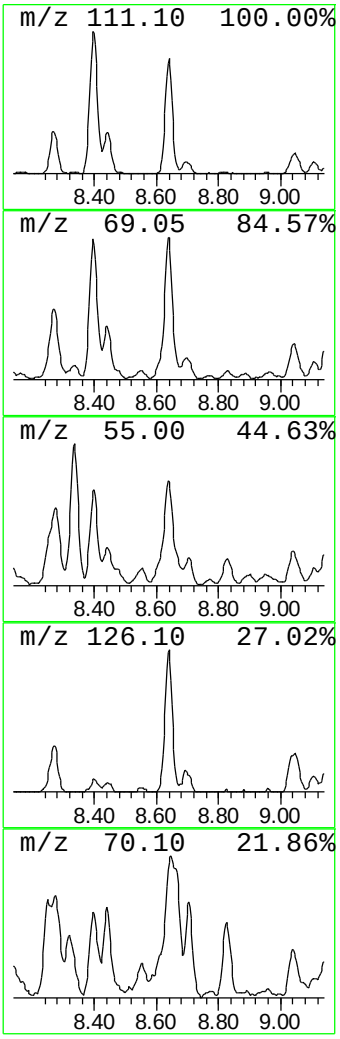
****

Peak Number 19 (DEL) Alkane: Cyclic8.64 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	19.23 ug/L	300200	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	86
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	86
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

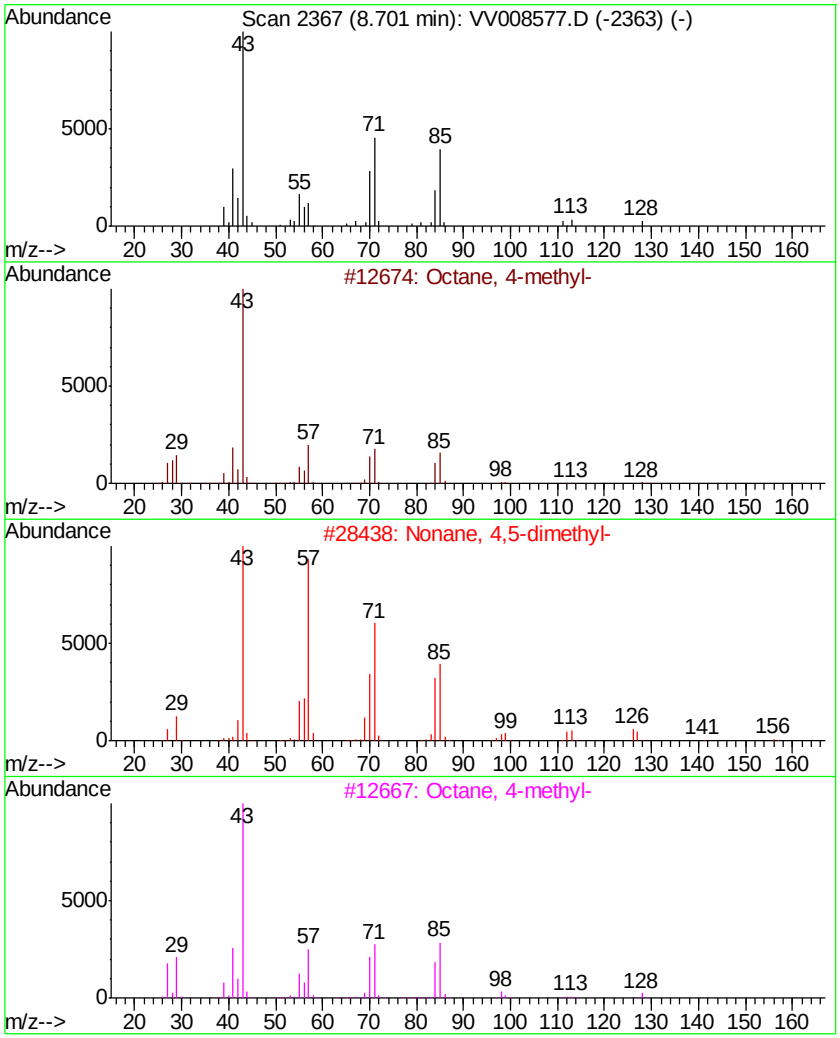
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

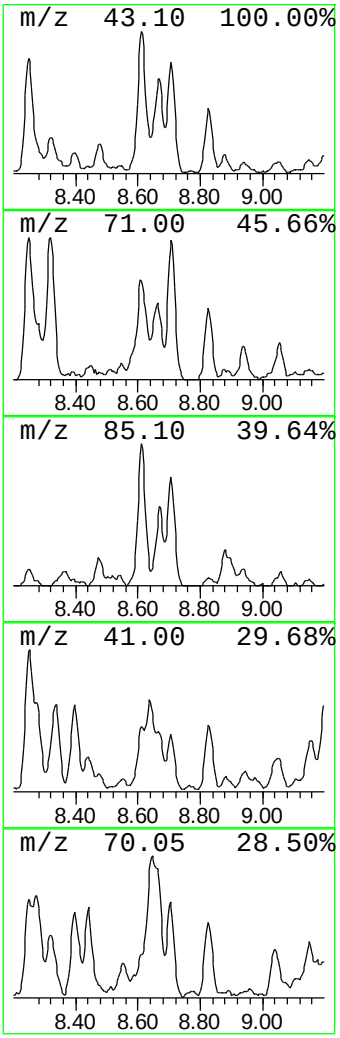
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	7.49 ug/L	116965	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	72
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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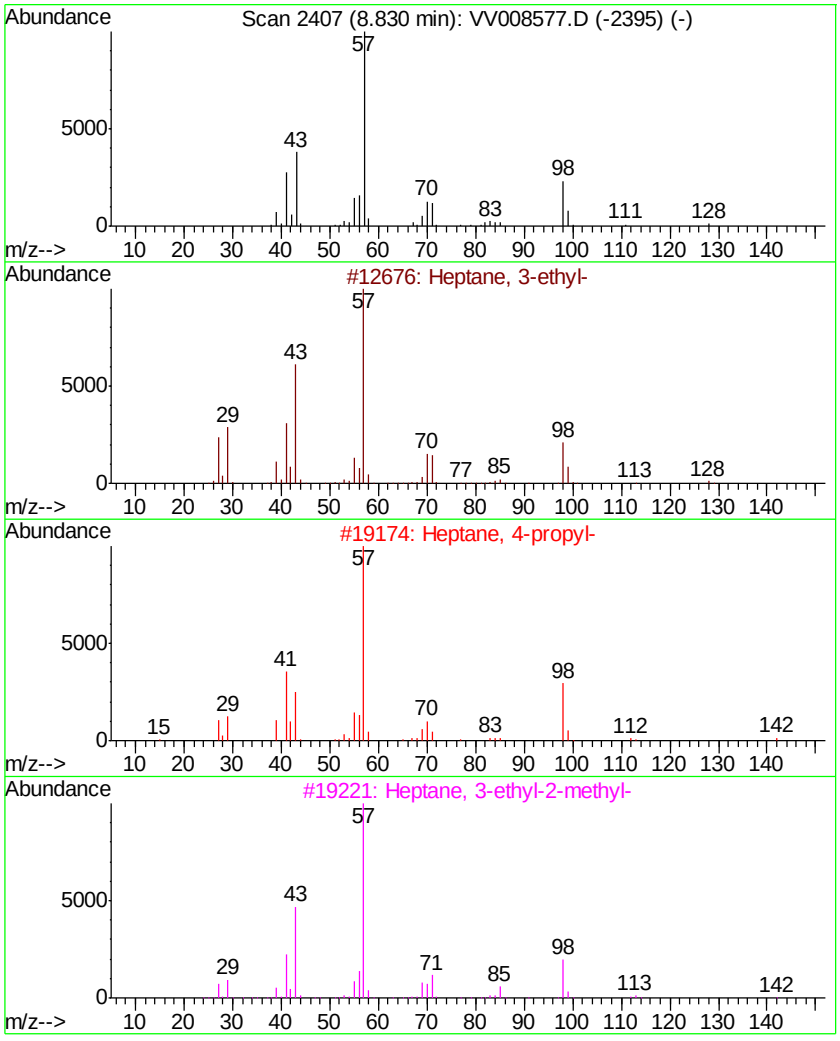
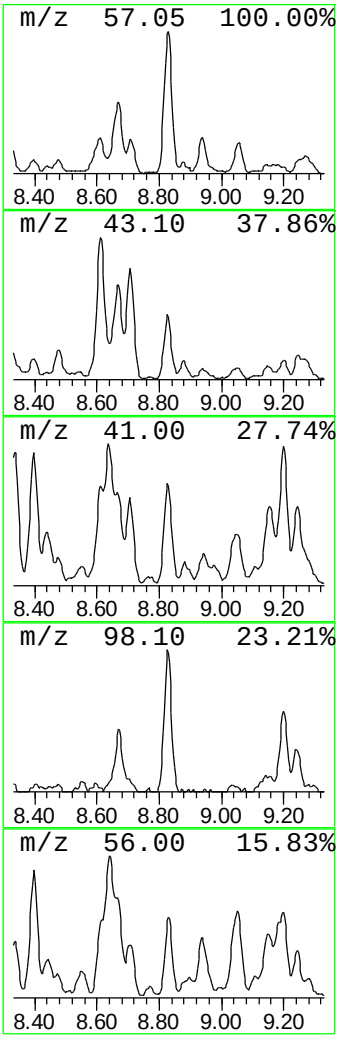
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	8.36 ug/L	130528	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	91
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	78
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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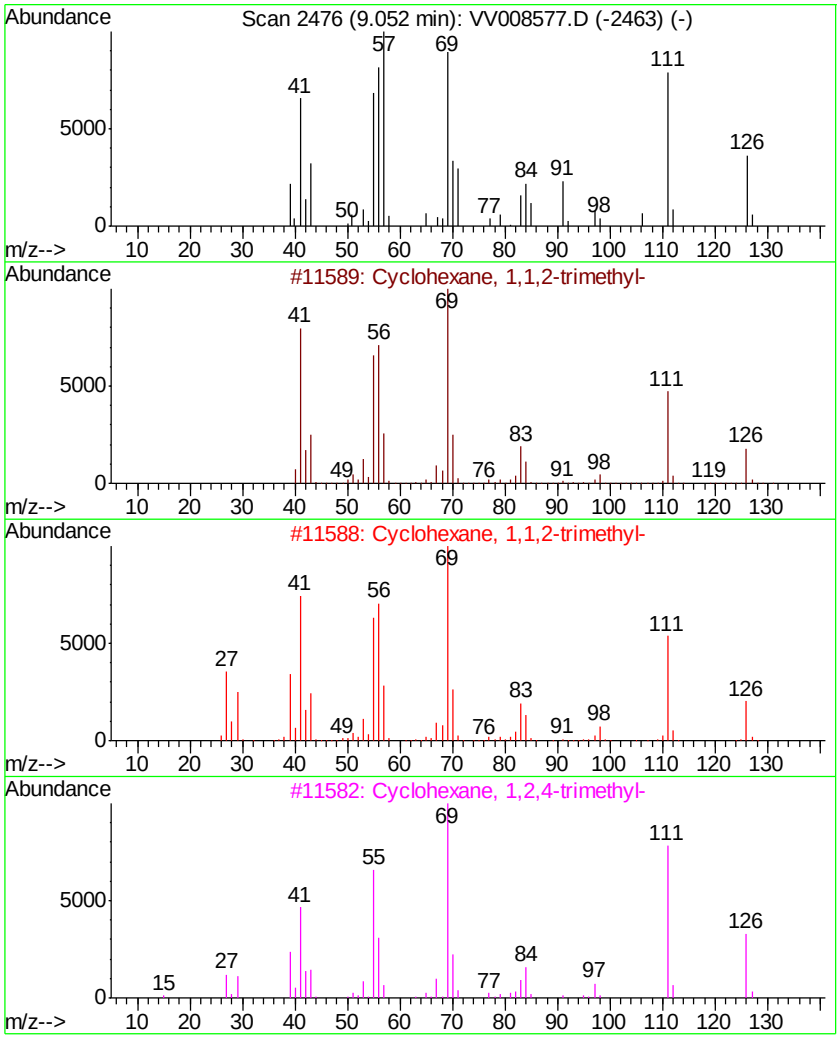
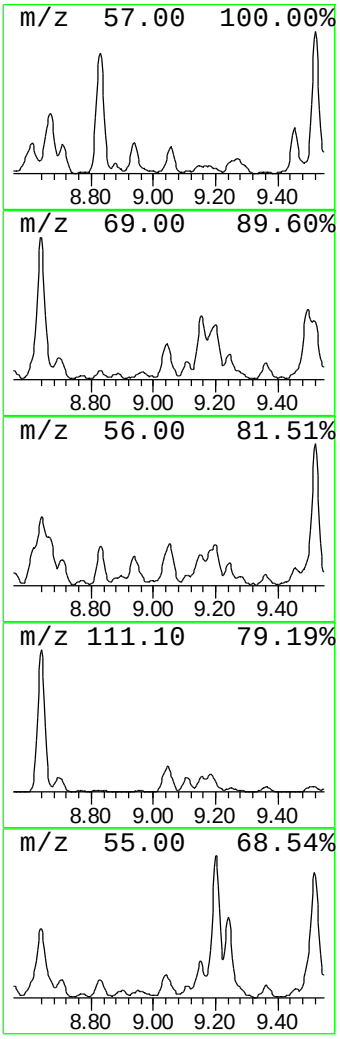
Peak Number 22 (DEL) Alkane: Cyclic9.05 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.60 ug/L	87491	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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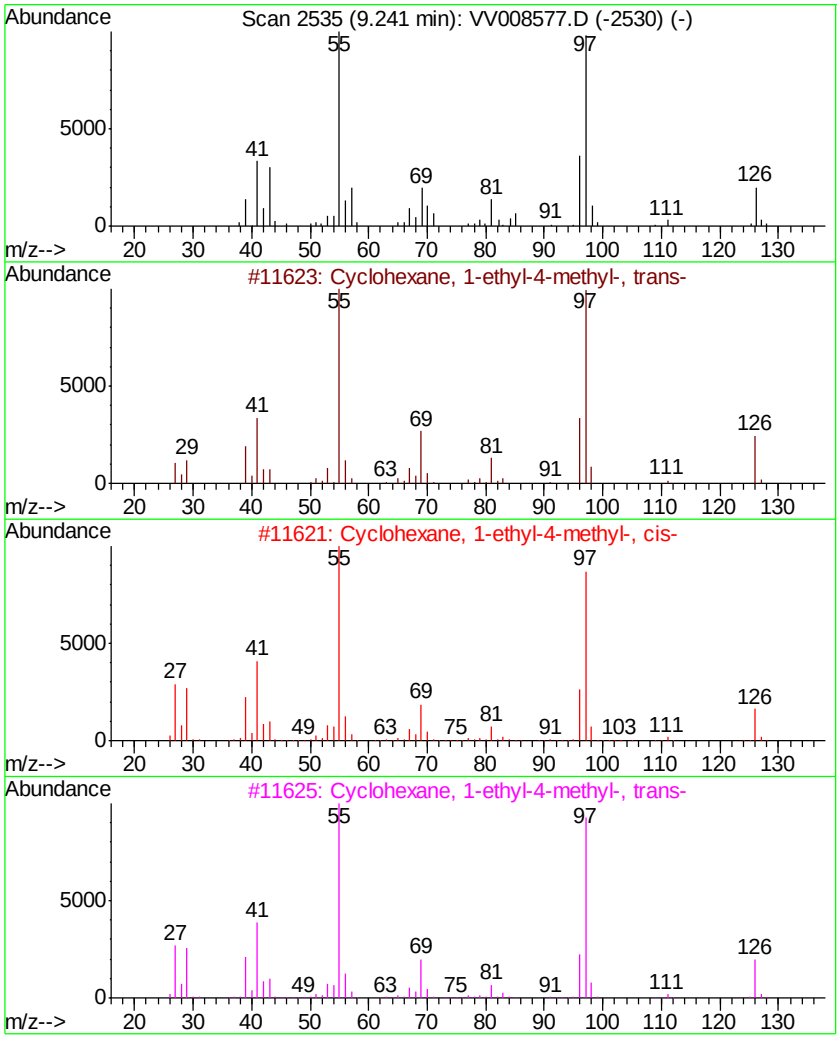
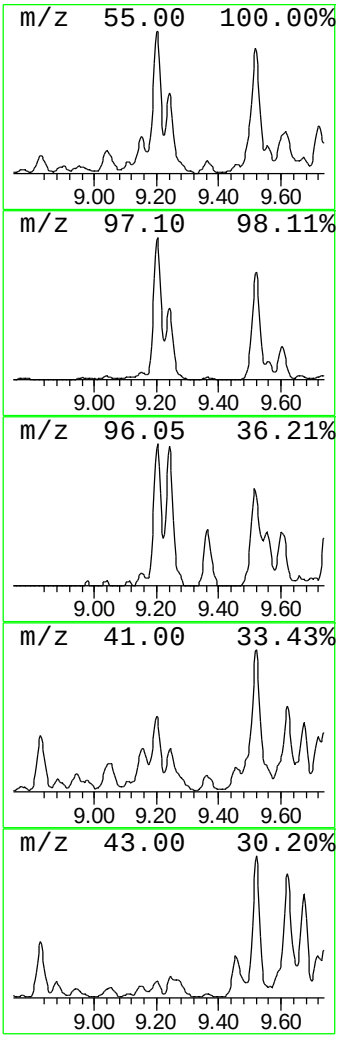
Peak Number 23 (DEL) Alkane: Cyclic9.24 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	11.62 ug/L	181474	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	93
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

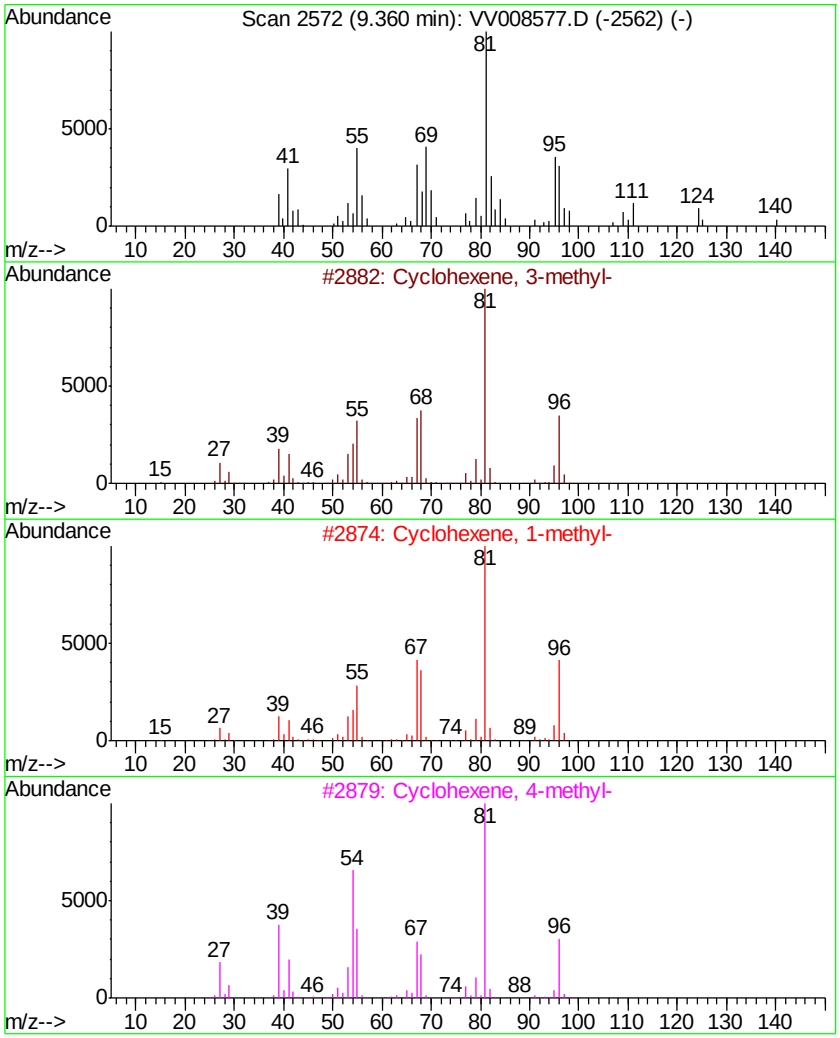
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

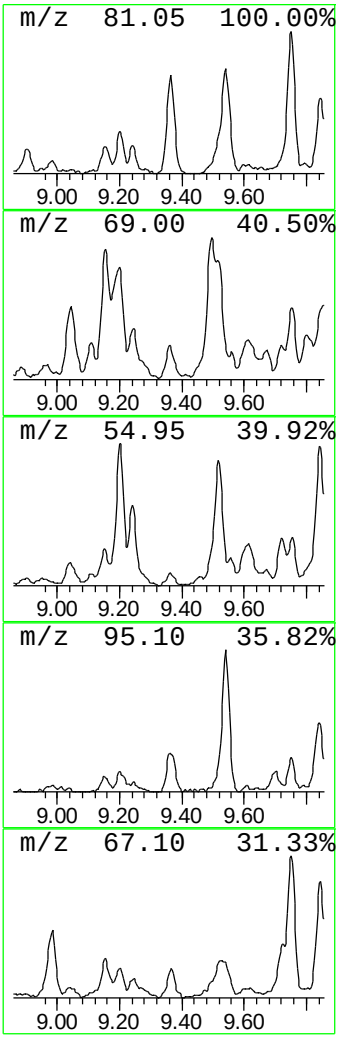
****

Peak Number 24 unknown-01 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	4.65 ug/L	72631	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
4	Pentane, 1-chloro-5-(methylenecy...	158	C9H15Cl	1000158-49-0	47
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

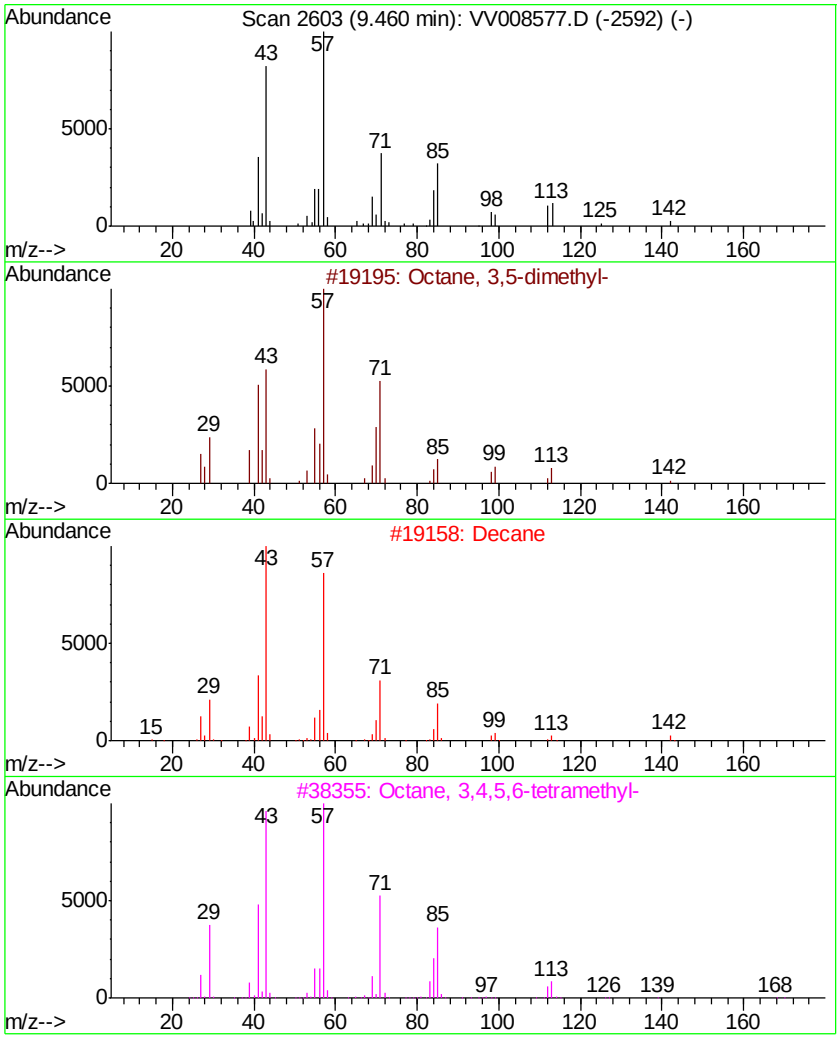
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

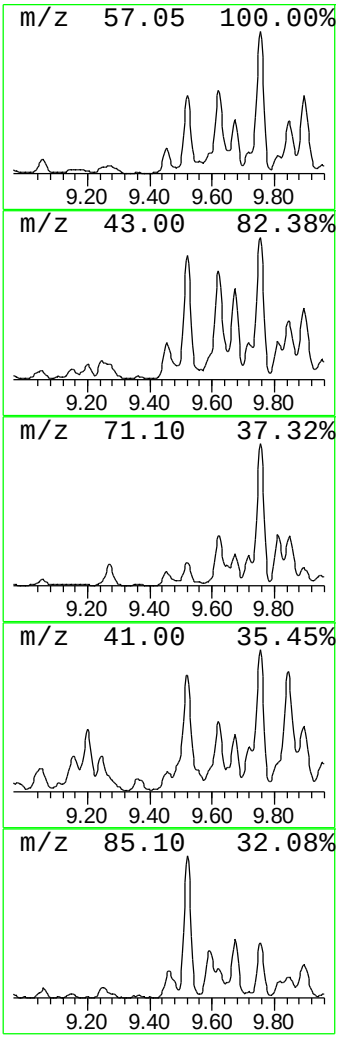
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	3.84 ug/L	59982	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
2	Decane	142	C10H22	000124-18-5	64
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Octacosane	394	C28H58	000630-02-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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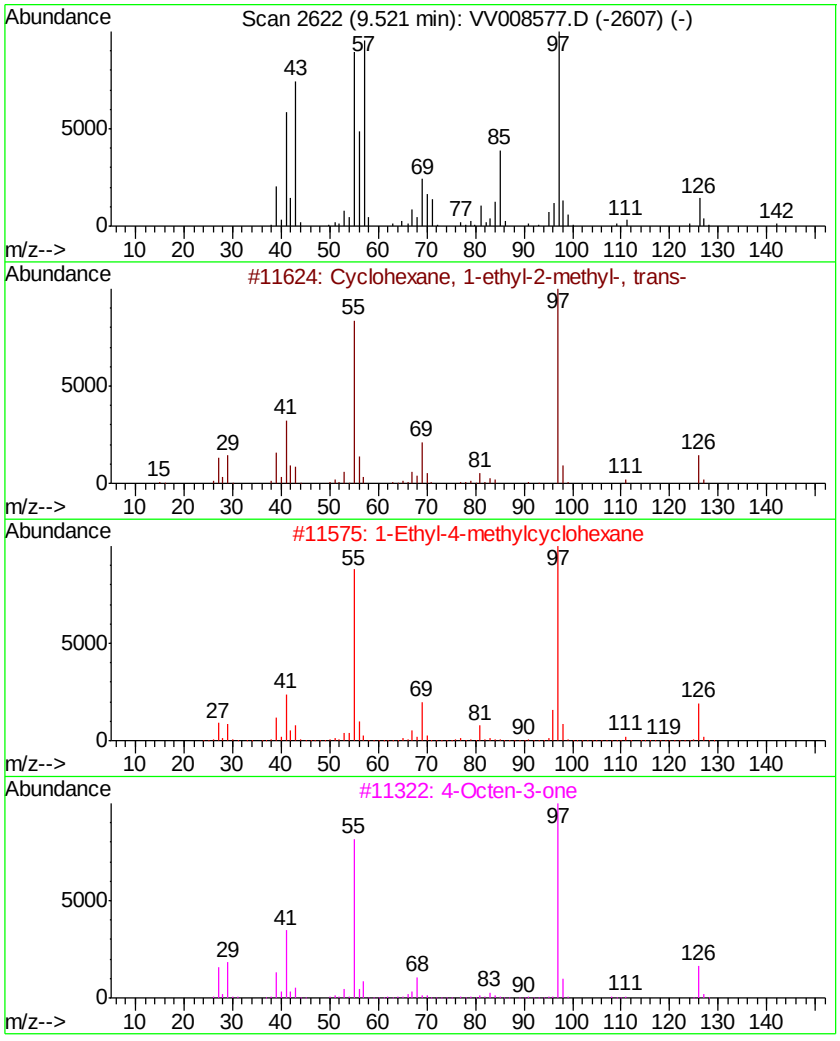
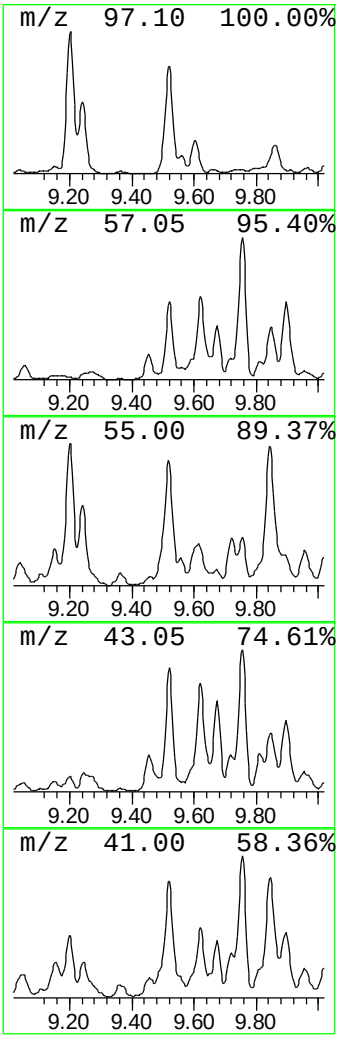
Peak Number 26 (DEL) Alkane: Cyclic9.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	31.11 ug/L	485670	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	55
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46
3	4-Octen-3-one	126	C8H14O	014129-48-7	46
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

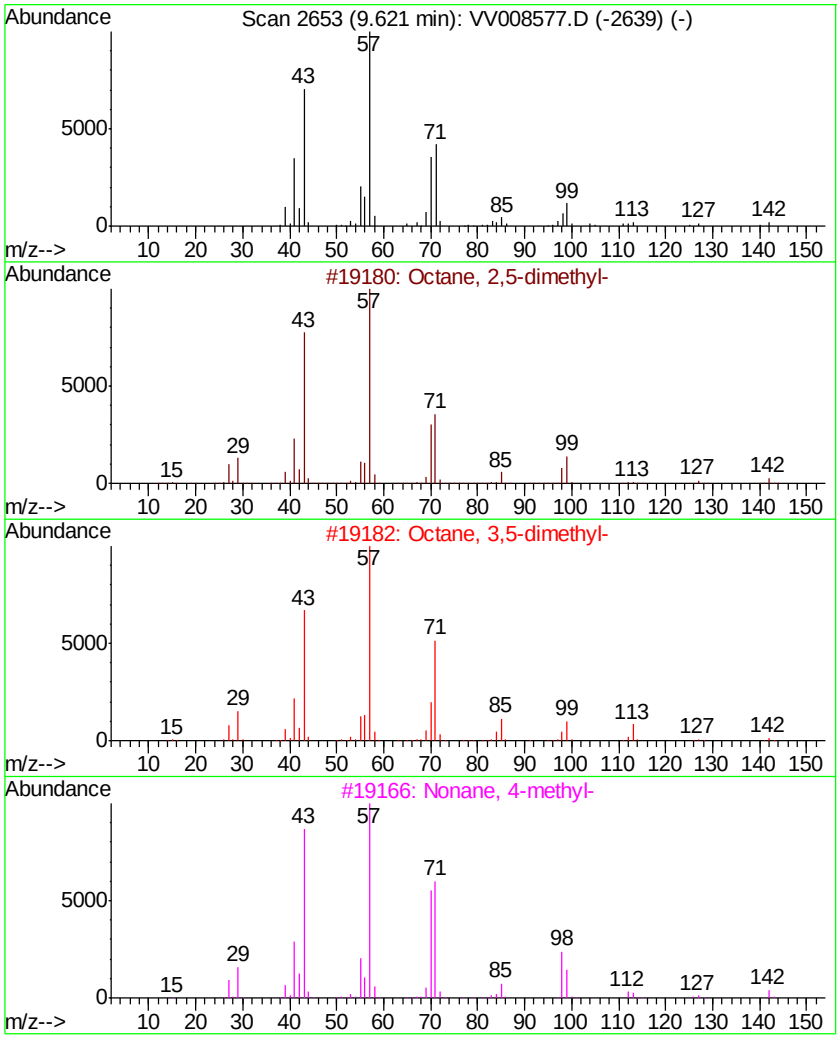
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

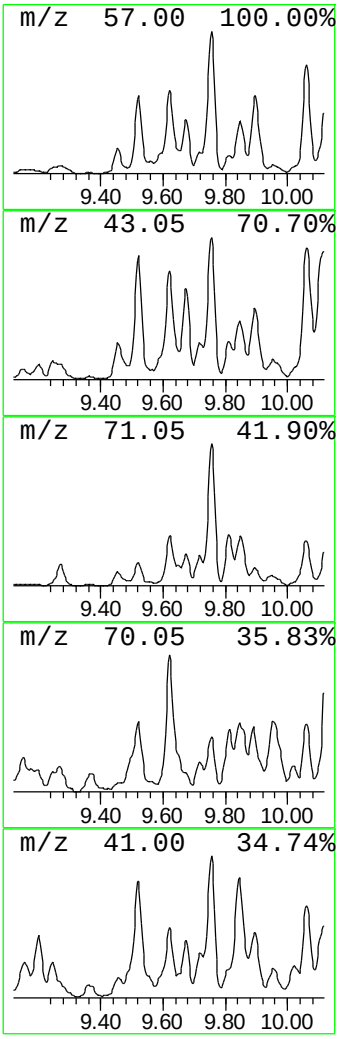
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	15.06 ug/L	235167	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	81
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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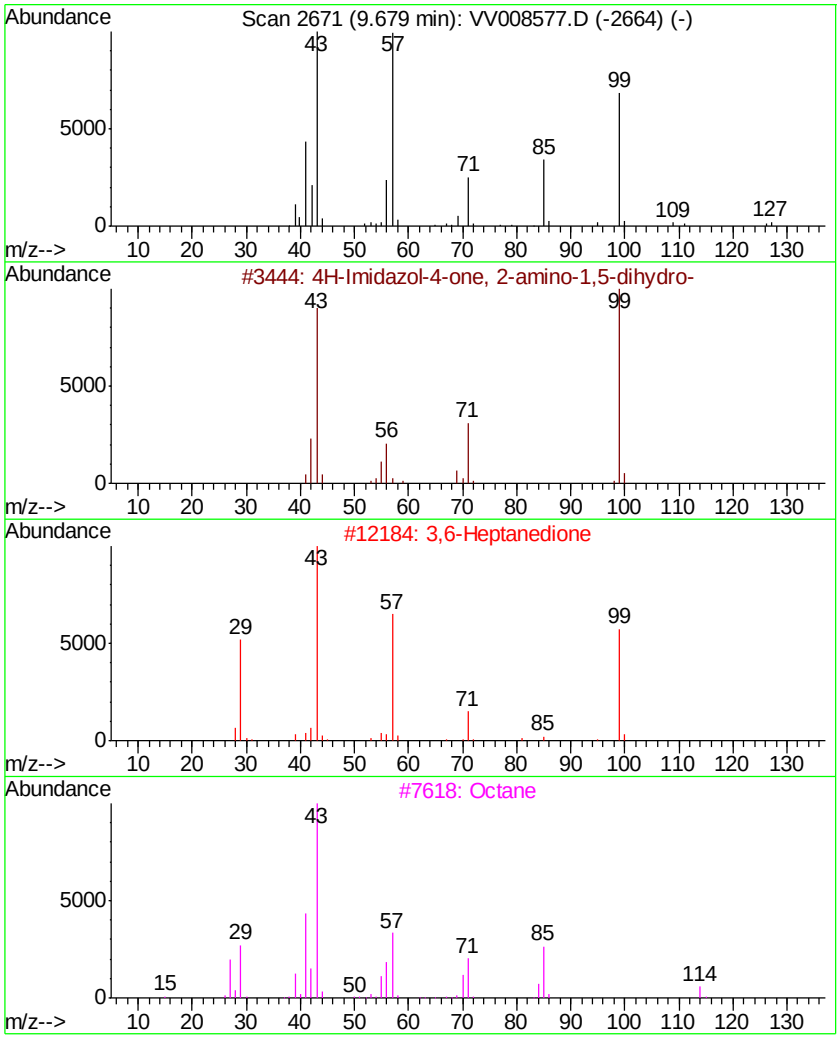
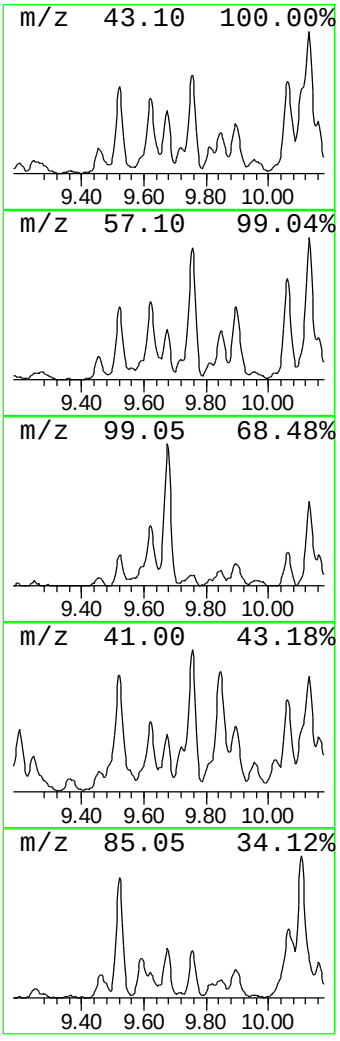
Peak Number 28 4H-Imidazol-4-one, 2-amino-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	5.82 ug/L	90914	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	53
2	3,6-Heptanedione	128	C7H12O2	001703-51-1	53
3	Octane	114	C8H18	000111-65-9	47
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	42
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

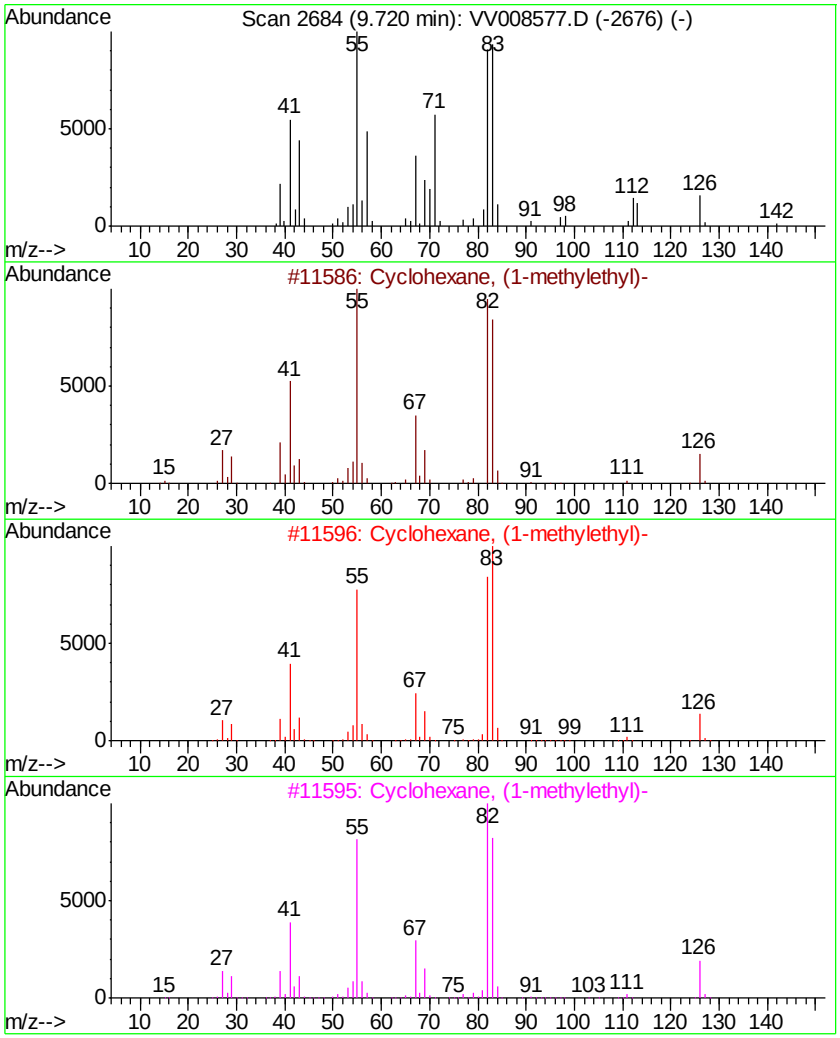
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

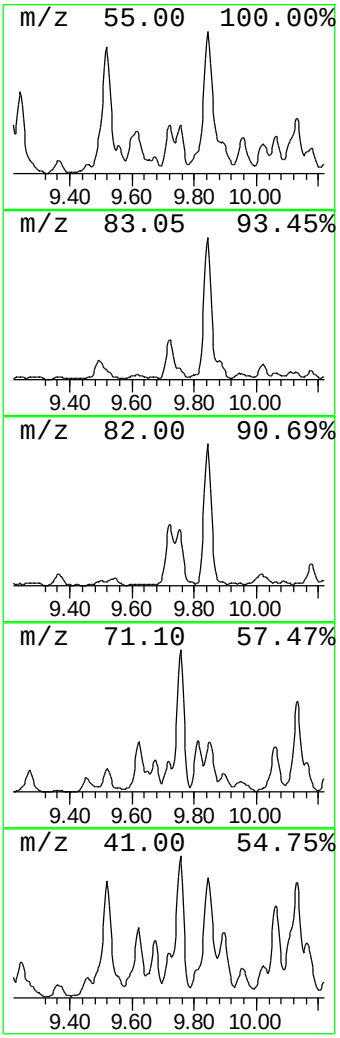
****

Peak Number 29 (DEL) Alkane: Cyclic9.72 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	5.57 ug/L	86893	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	92
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

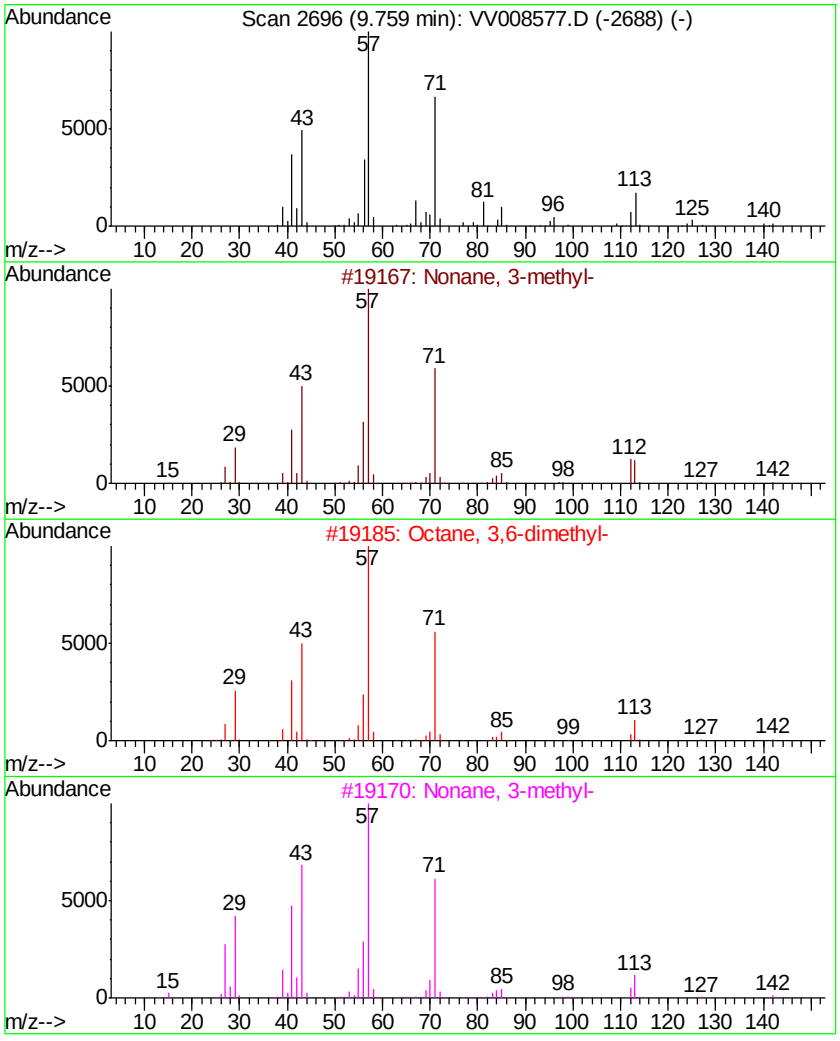
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

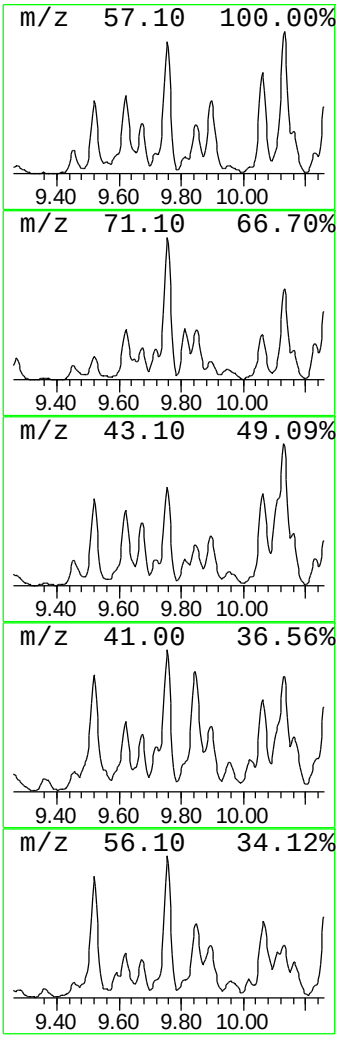
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	24.68 ug/L	385210	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

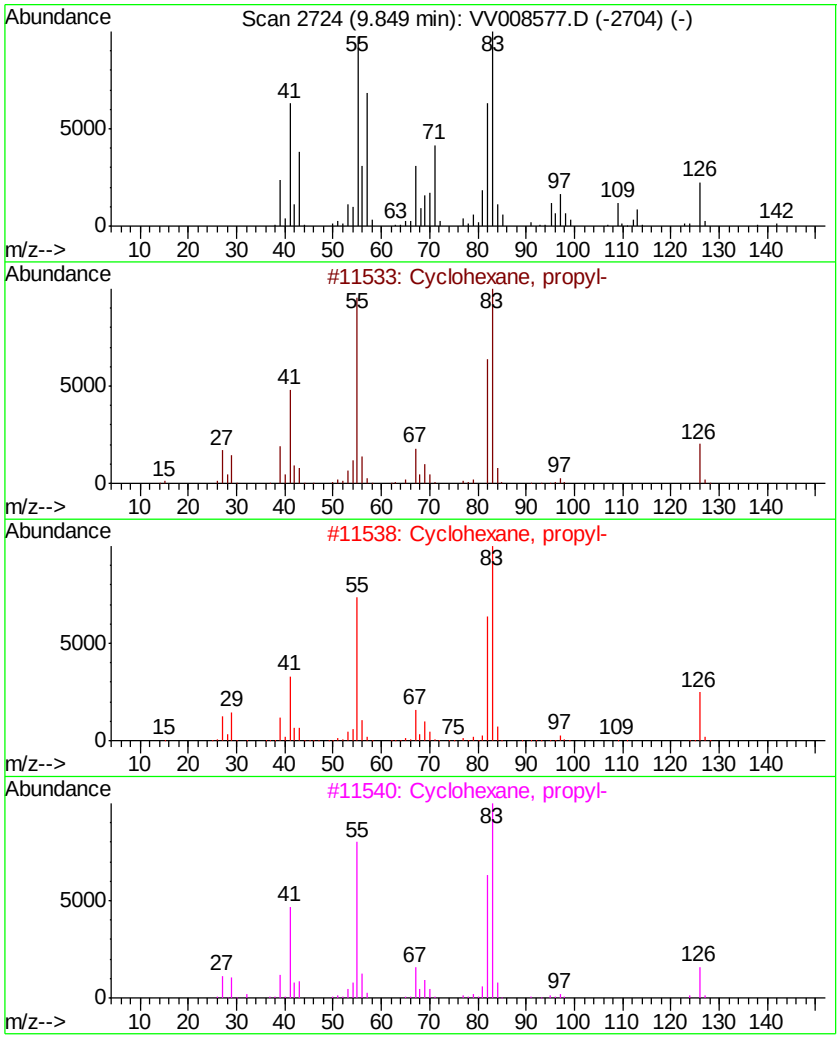
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

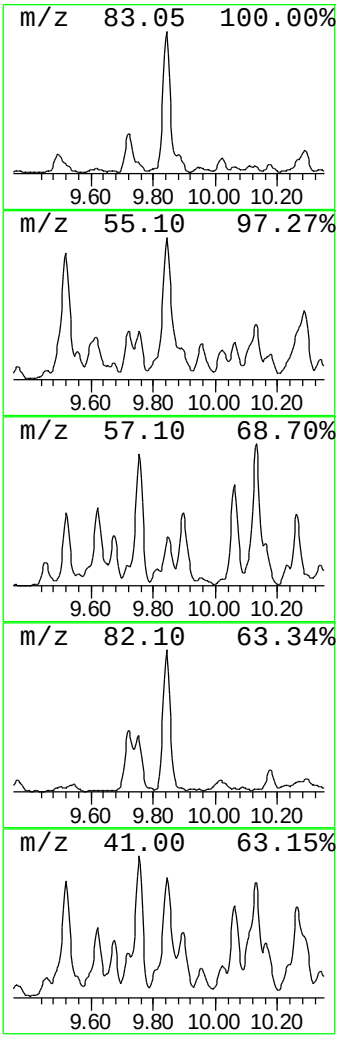
****

Peak Number 31 (DEL) Alkane: Cyclic9.85 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	31.00 ug/L	483979	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	62
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

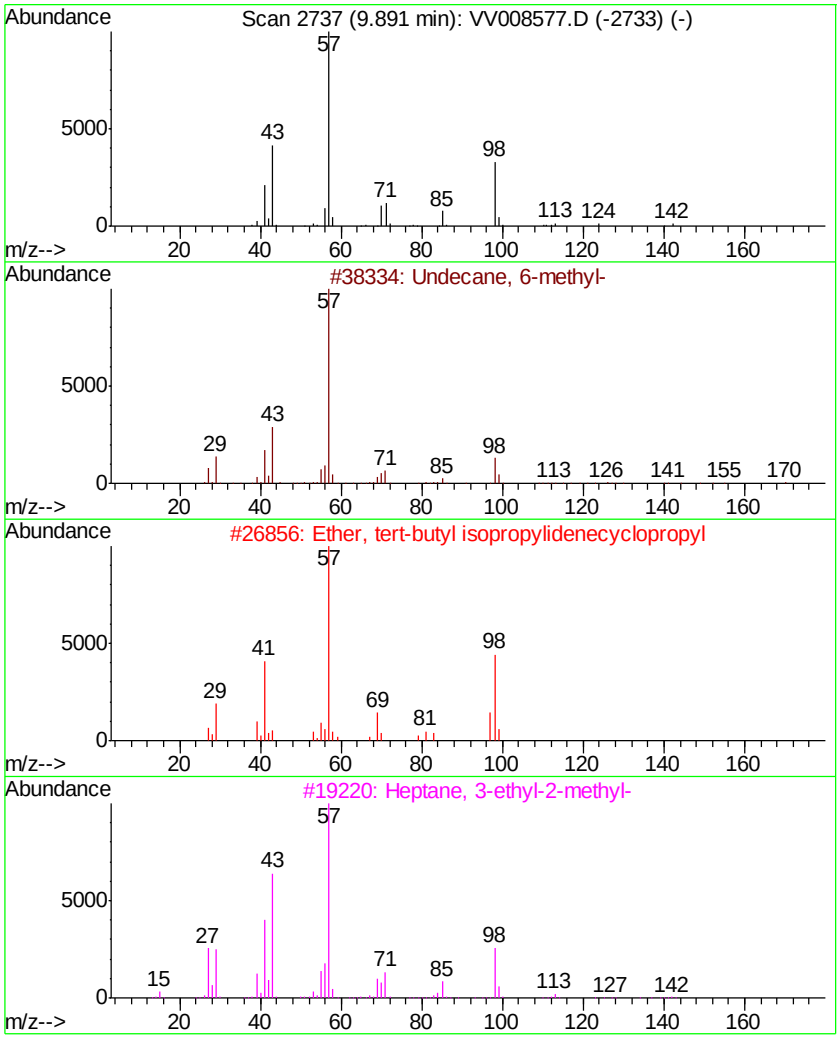
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

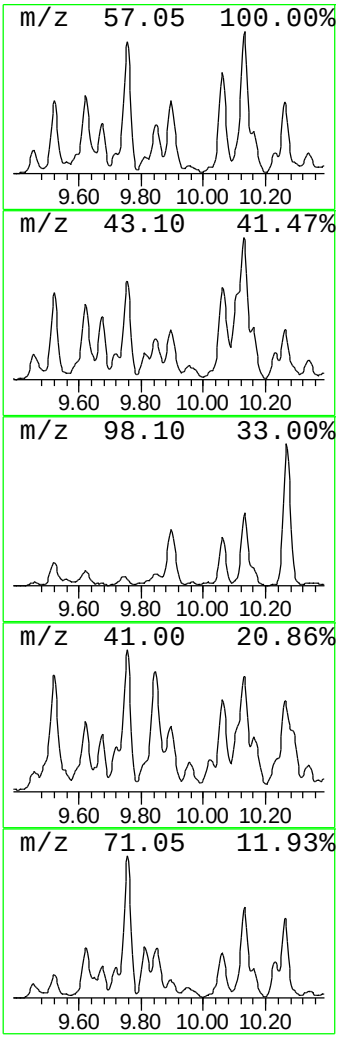
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	10.06 ug/L	157069	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	56
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

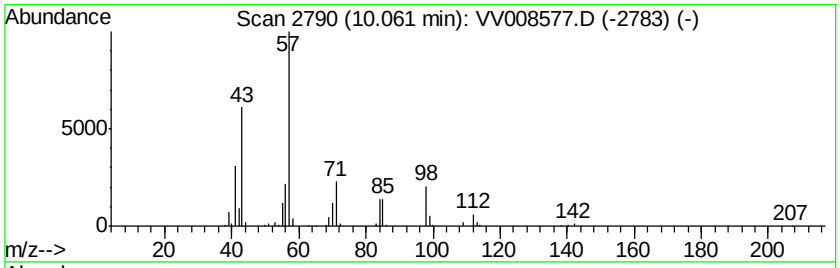
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

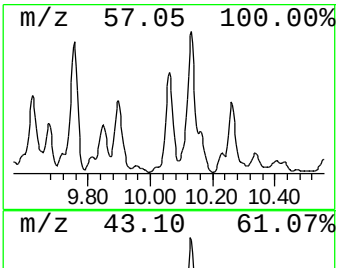
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	10.12 ug/L	157961	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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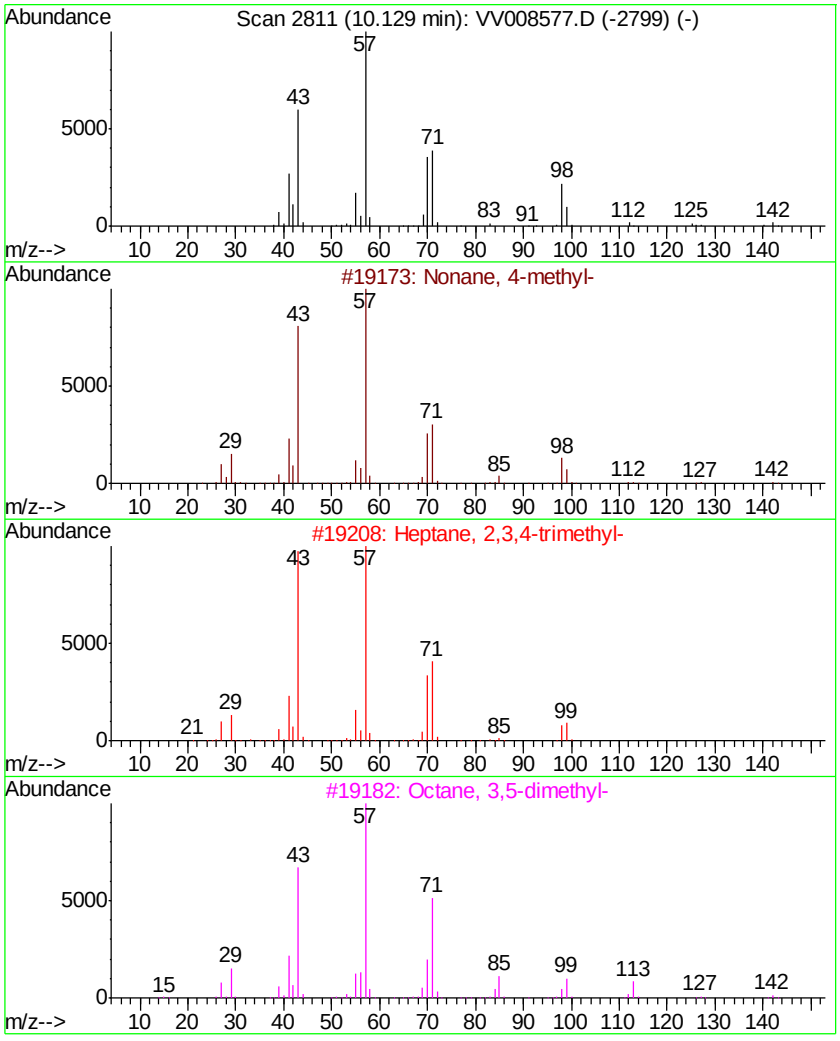
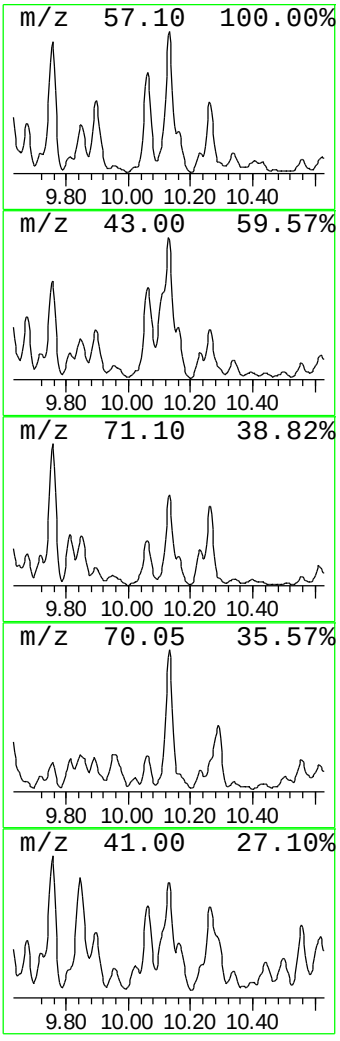
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	19.31 ug/L	301036	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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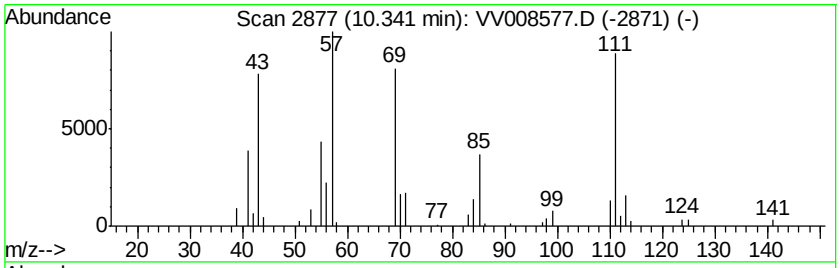
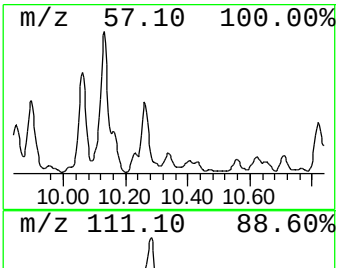
Peak Number 35 (DEL) Alkane: Cyclic10.34 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	3.26 ug/L	50788	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	59
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	59
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	53
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

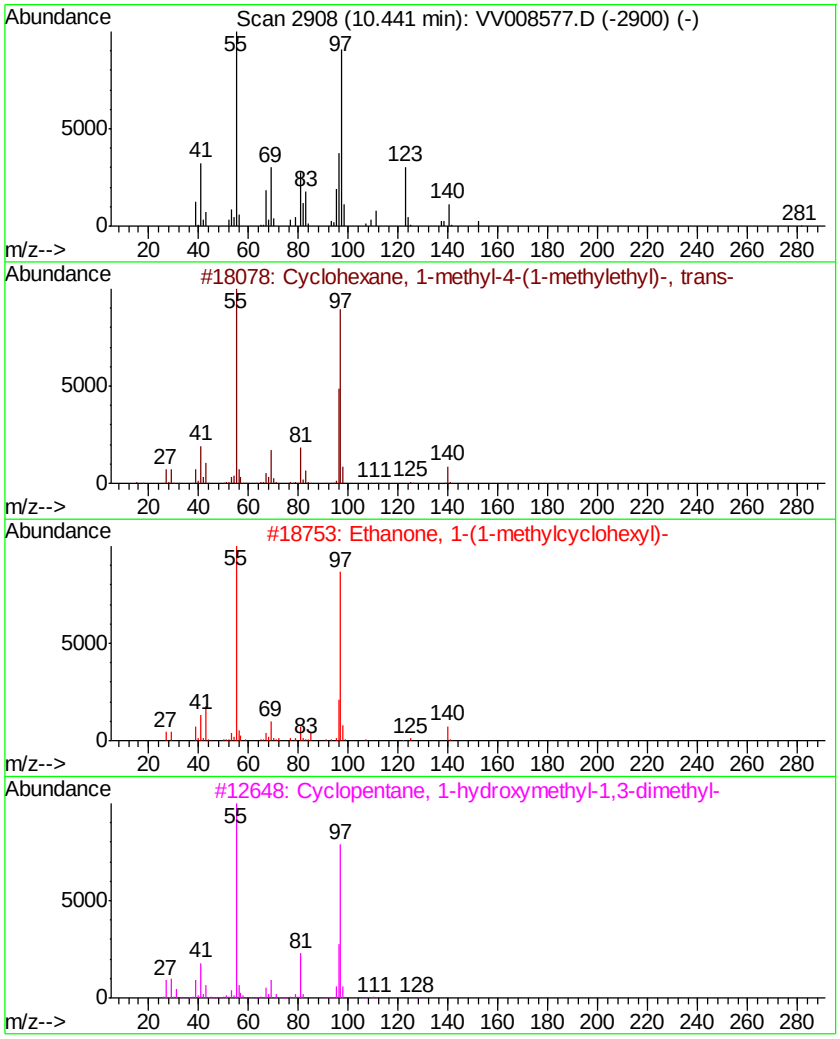
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

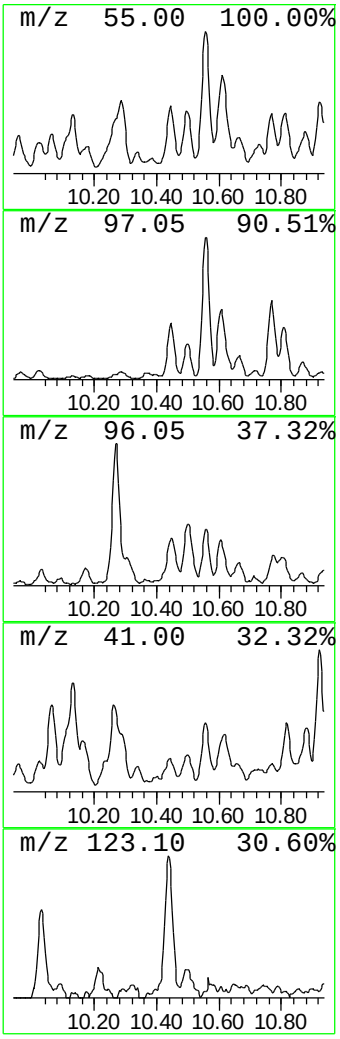
****

Peak Number 36 (DEL) Alkane: Cyclic10.44 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	5.64 ug/L	87870	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
3	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	53
4	Cyclohexanemethanol, 2-methyl-	128	C8H16O	002105-40-0	53
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

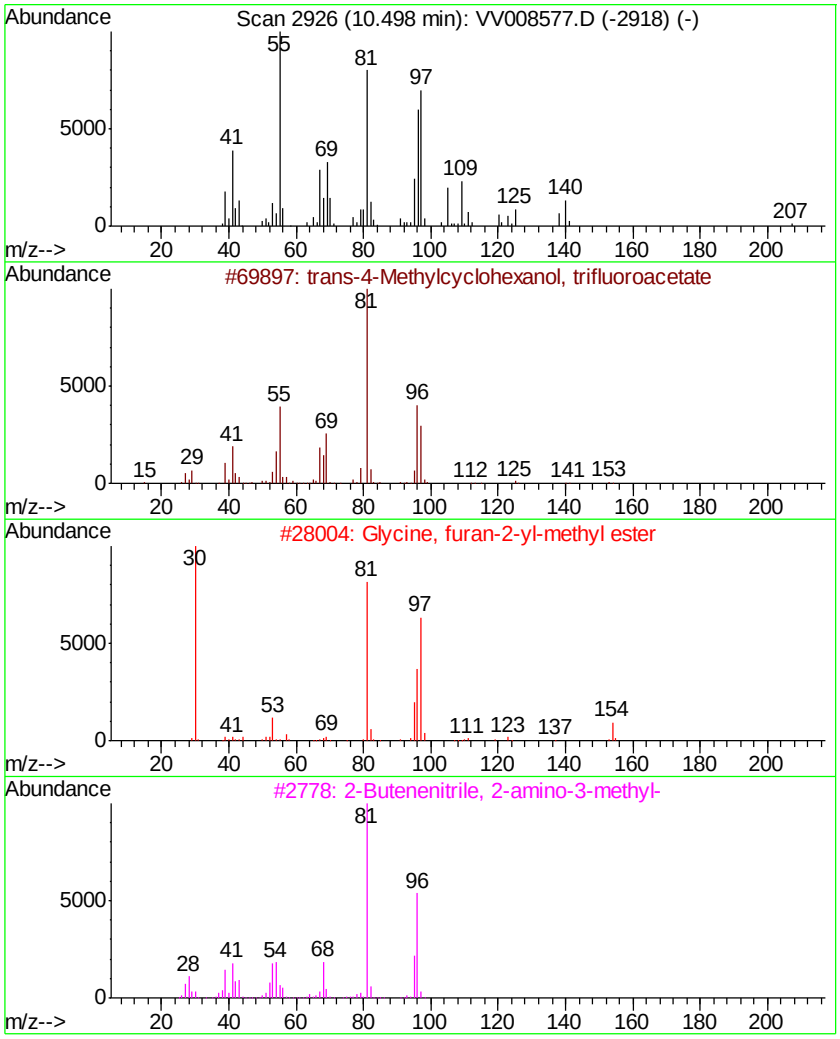
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

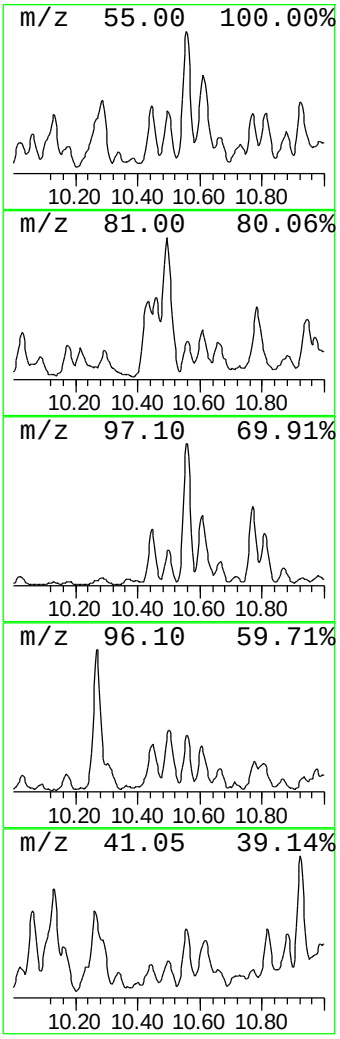
****

Peak Number 37 trans-4-Methylcyclohexanol,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	7.45 ug/L	116102	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-8	53
2	Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	43
3	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	43
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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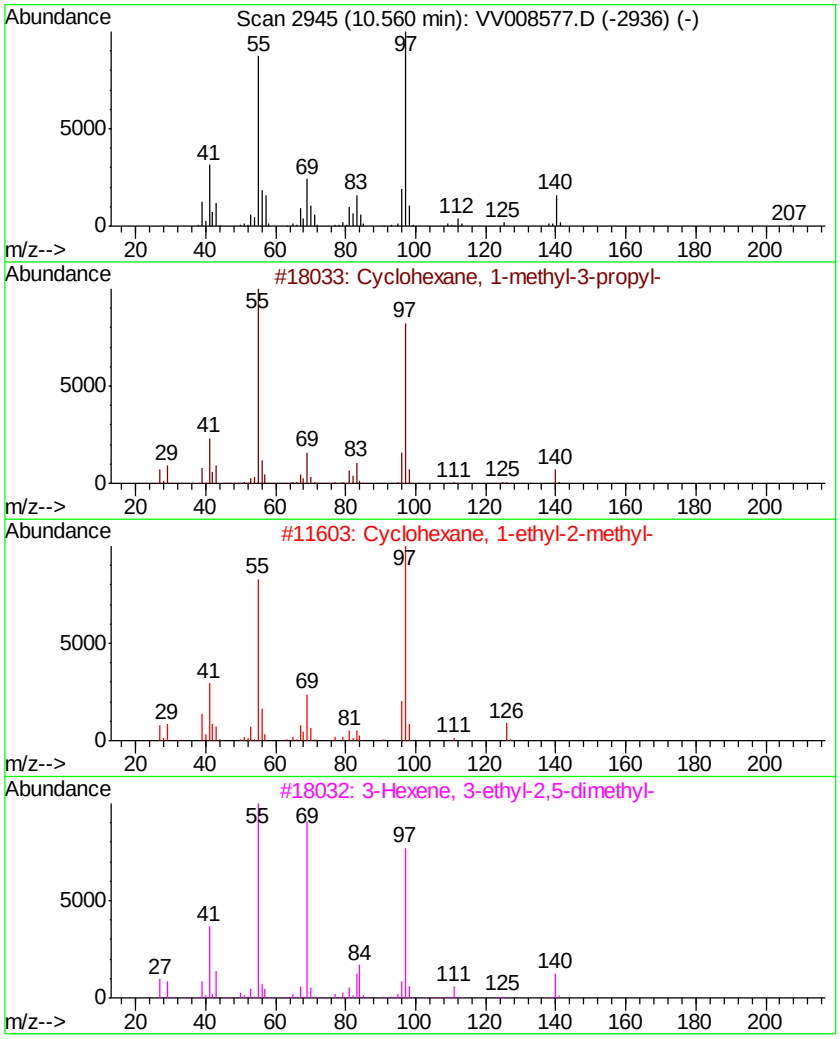
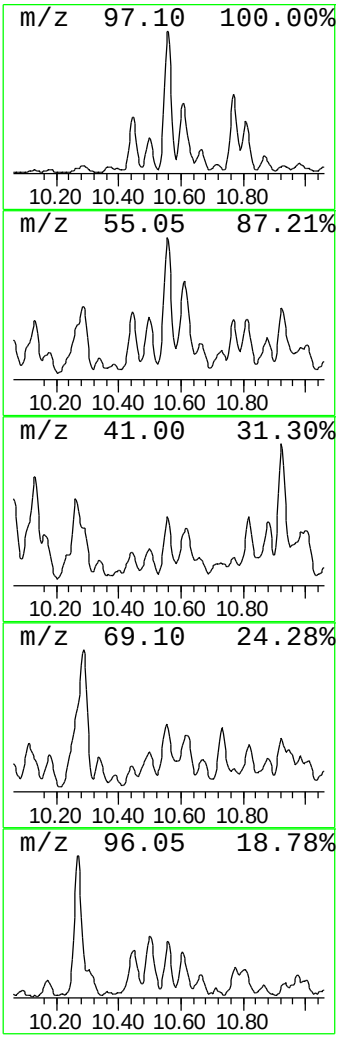
Peak Number 38 (DEL) Alkane: Cyclic10.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	13.52 ug/L	210687	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	72
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
5	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

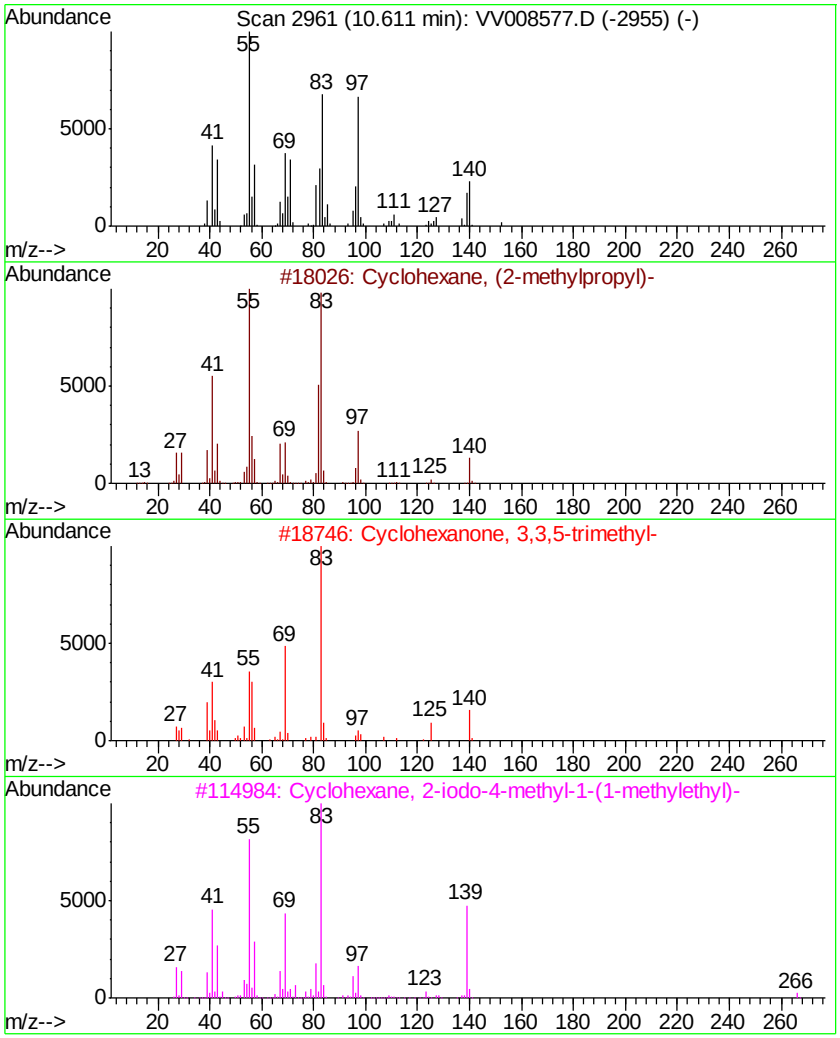
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

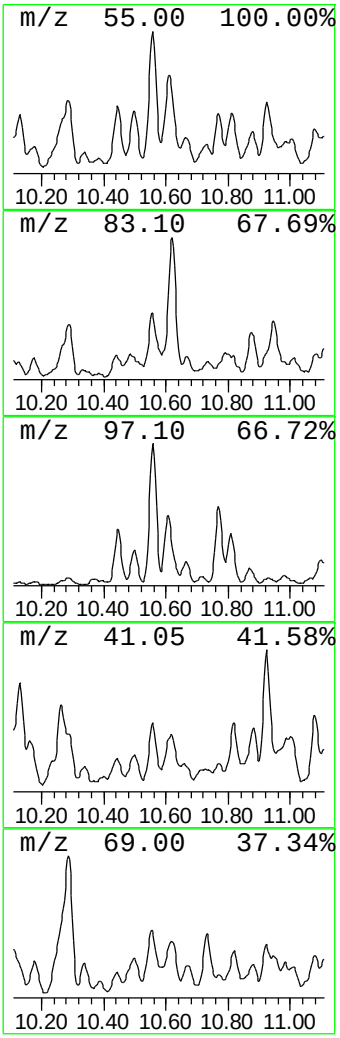
****

Peak Number 39 (DEL) Alkane: Cyclic10.61 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	10.25 ug/L	159811	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	43
3	Cyclohexane, 2-iodo-4-methyl-1-(...	266	C10H19I	064240-81-9	43
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

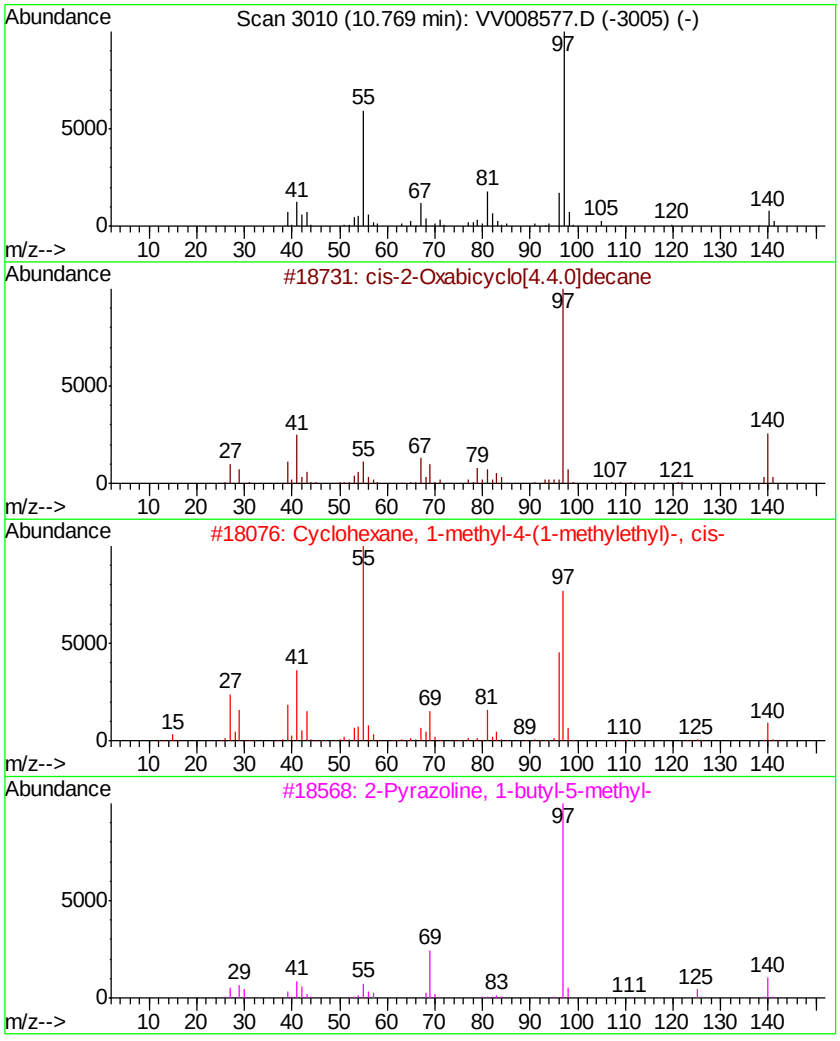
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

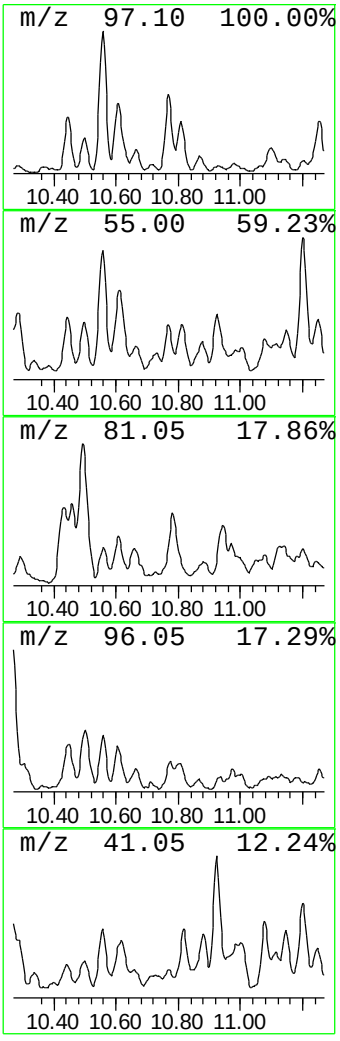
****

Peak Number 40 cis-2-Oxabicyclo[4.4.0]decane Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.37 ug/L	52474	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	53
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	50
3	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	50
4	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	50
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

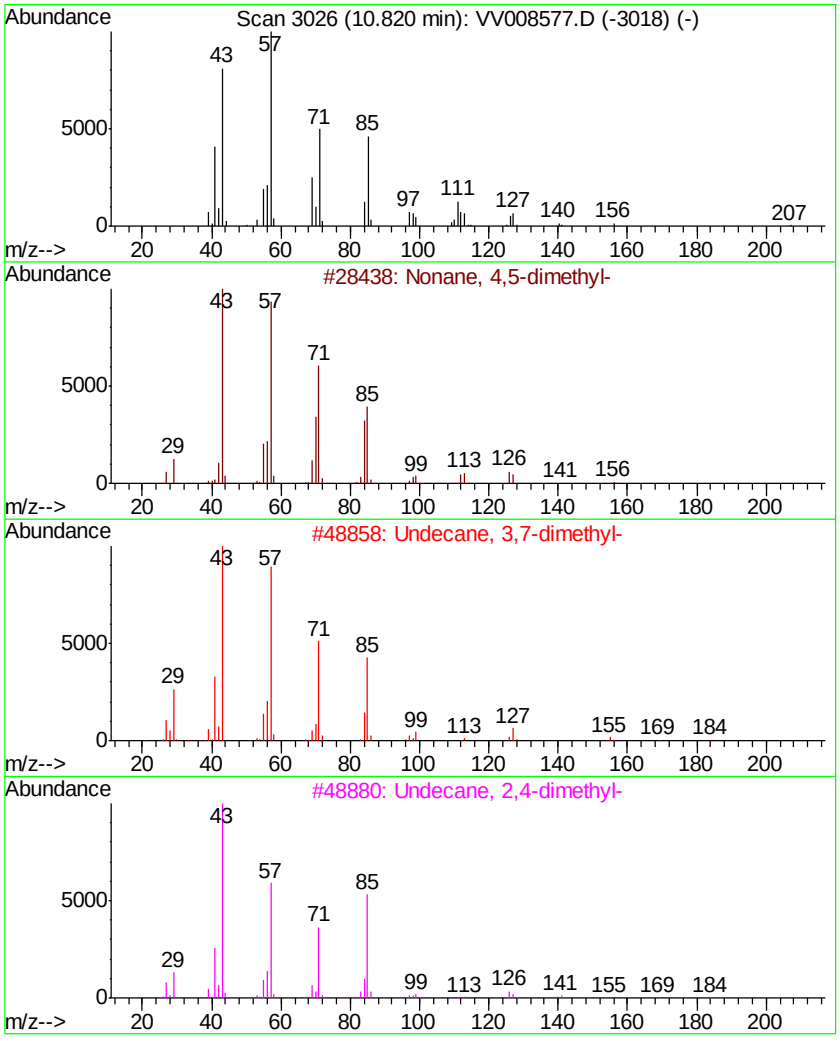
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

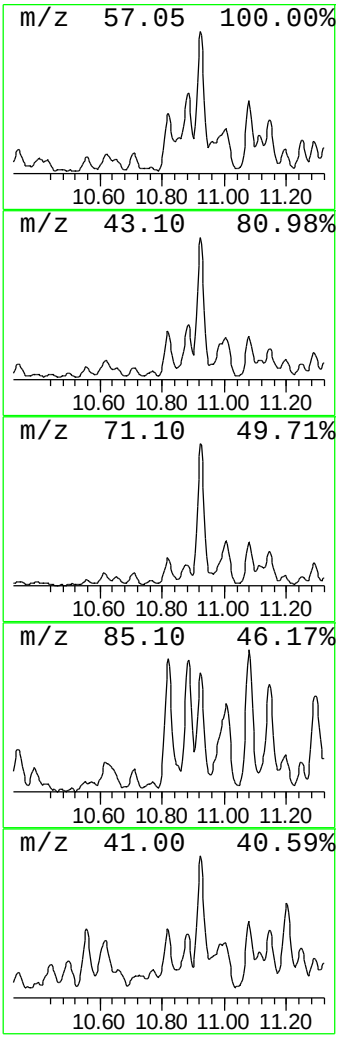
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	8.37 ug/L	130440	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	90
2	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	72
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	62
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

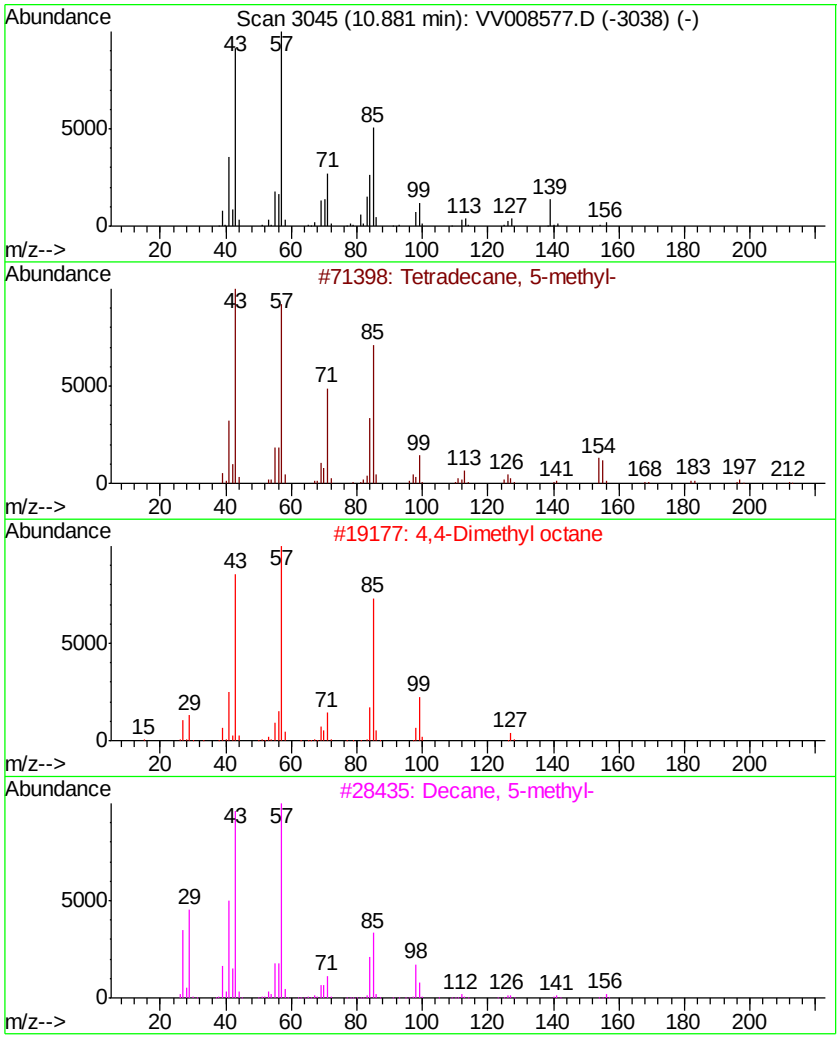
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

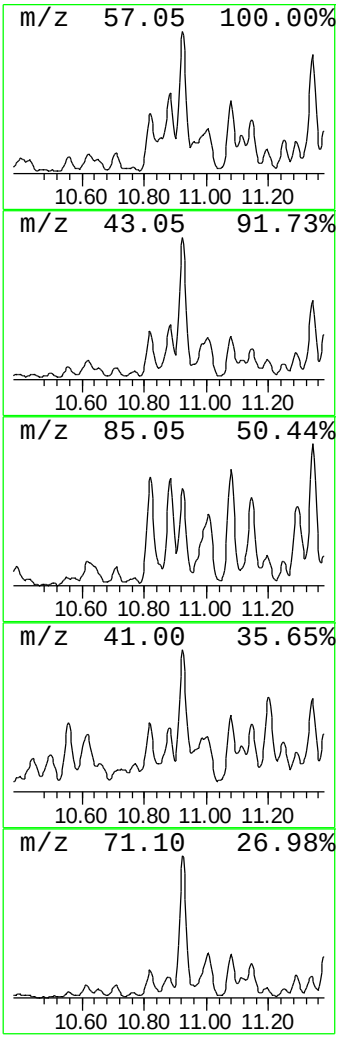
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	5.91 ug/L	92067	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	53
2	4,4-Dimethyl octane	142	C10H22	015869-95-1	50
3	Decane, 5-methyl-	156	C11H24	013151-35-4	49
4	2,4-Dimethyldodecane	198	C14H30	006117-99-3	47
5	Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

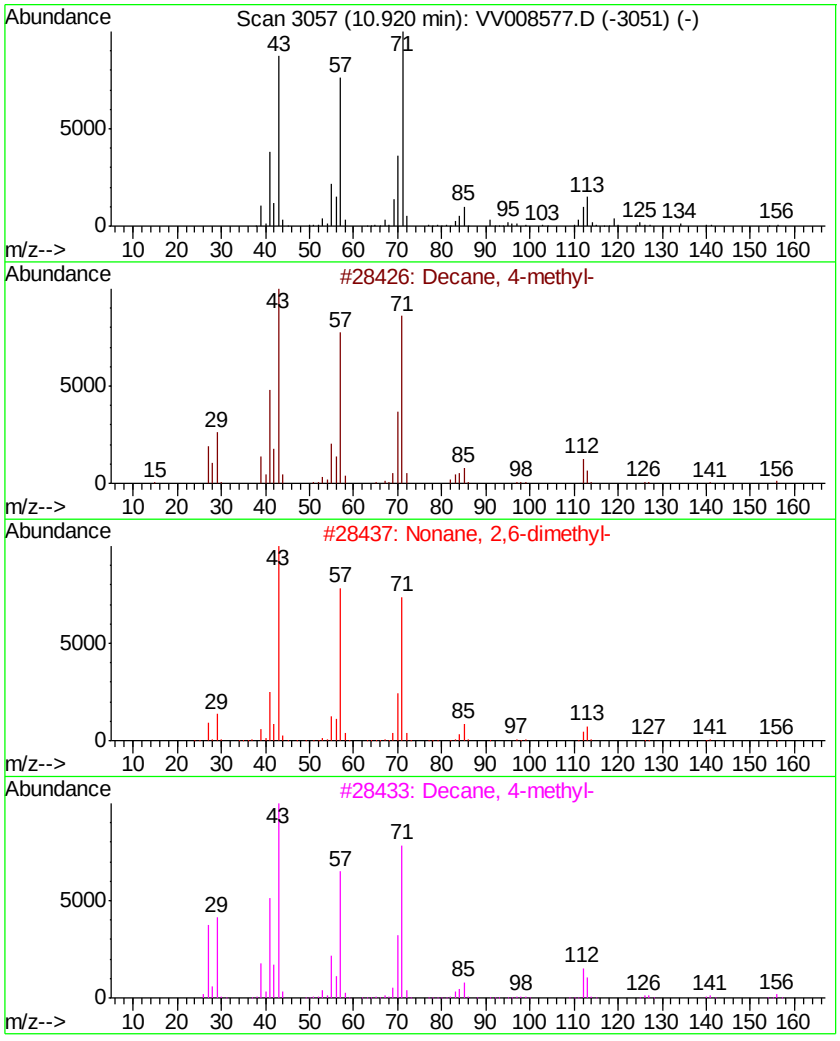
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

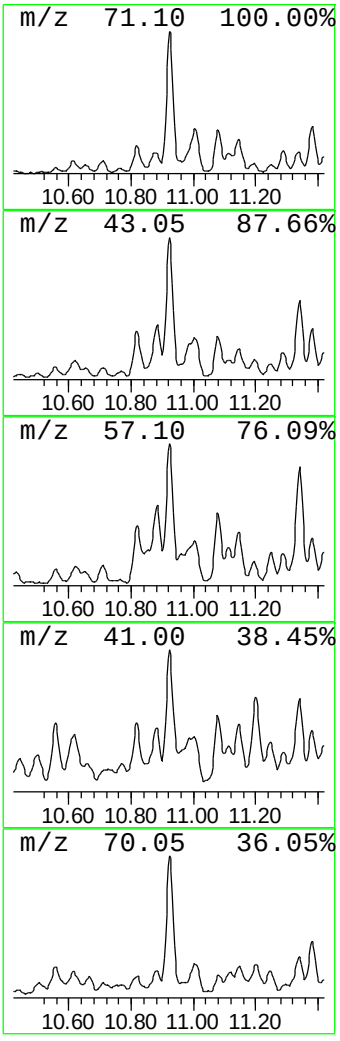
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	23.04 ug/L	359104	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
3	Decane, 4-methyl-	156	C11H24	002847-72-5	83
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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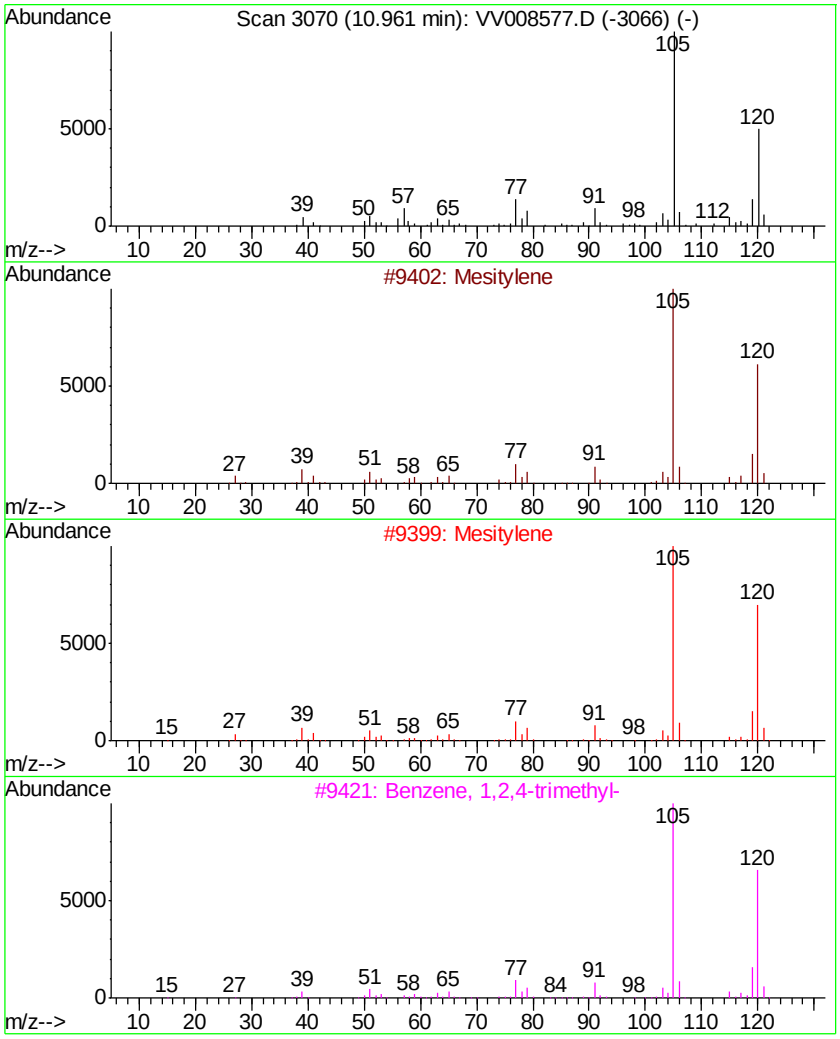
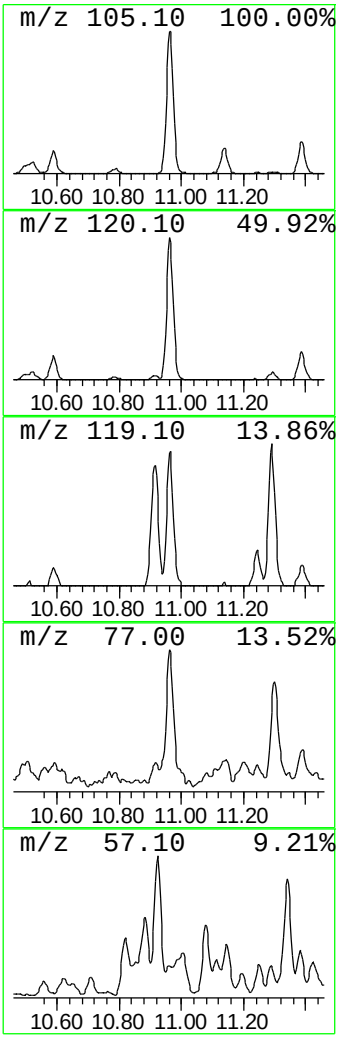
Peak Number 44 Mesitylene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	6.21 ug/L	96735	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

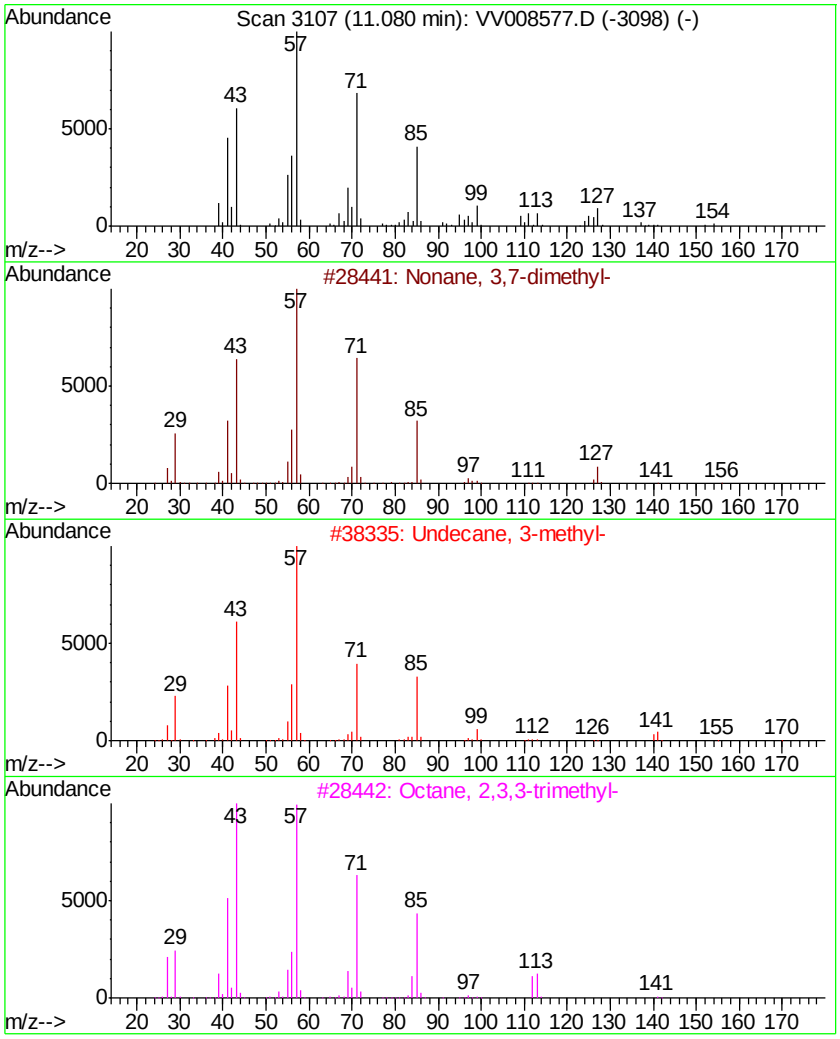
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

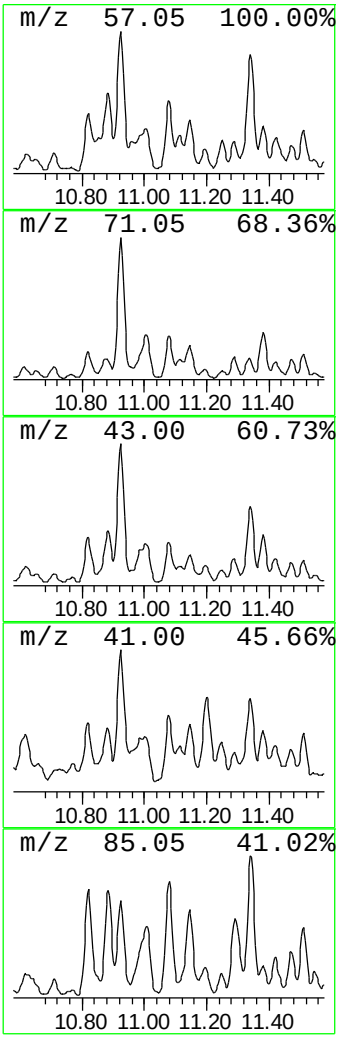
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	12.53 ug/L	195371	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

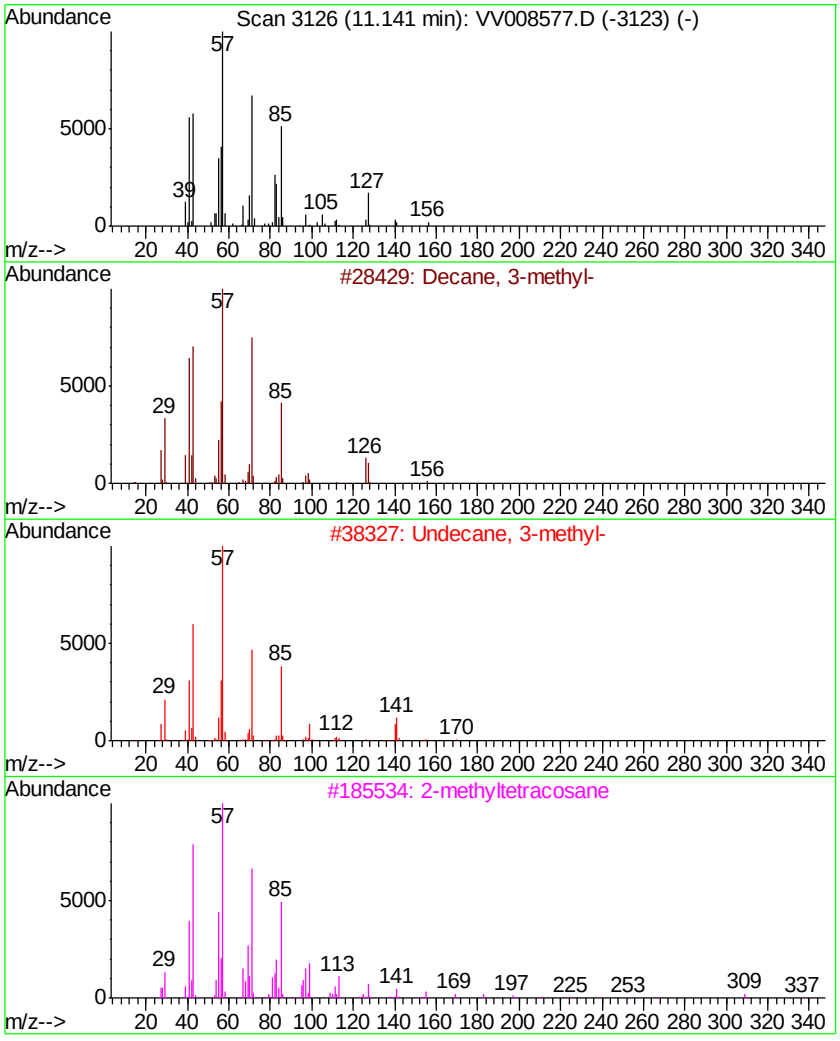
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

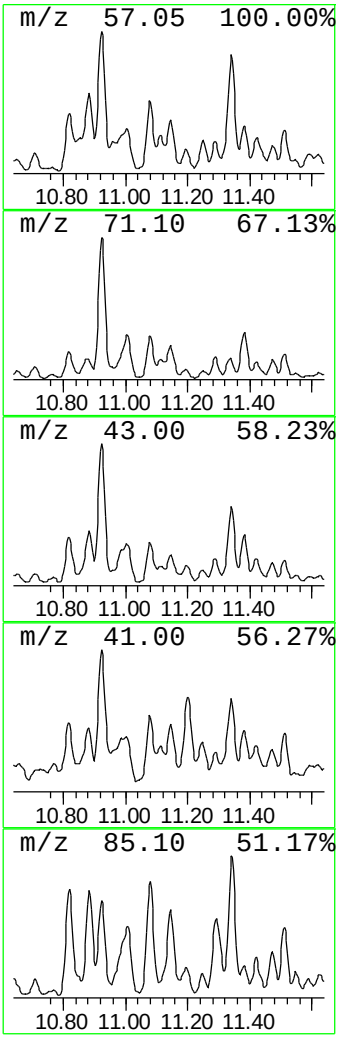
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	7.68 ug/L	119705	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	58
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3	2-methyltetracosane	352	C25H52	1000376-72-6	50
4	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	47
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

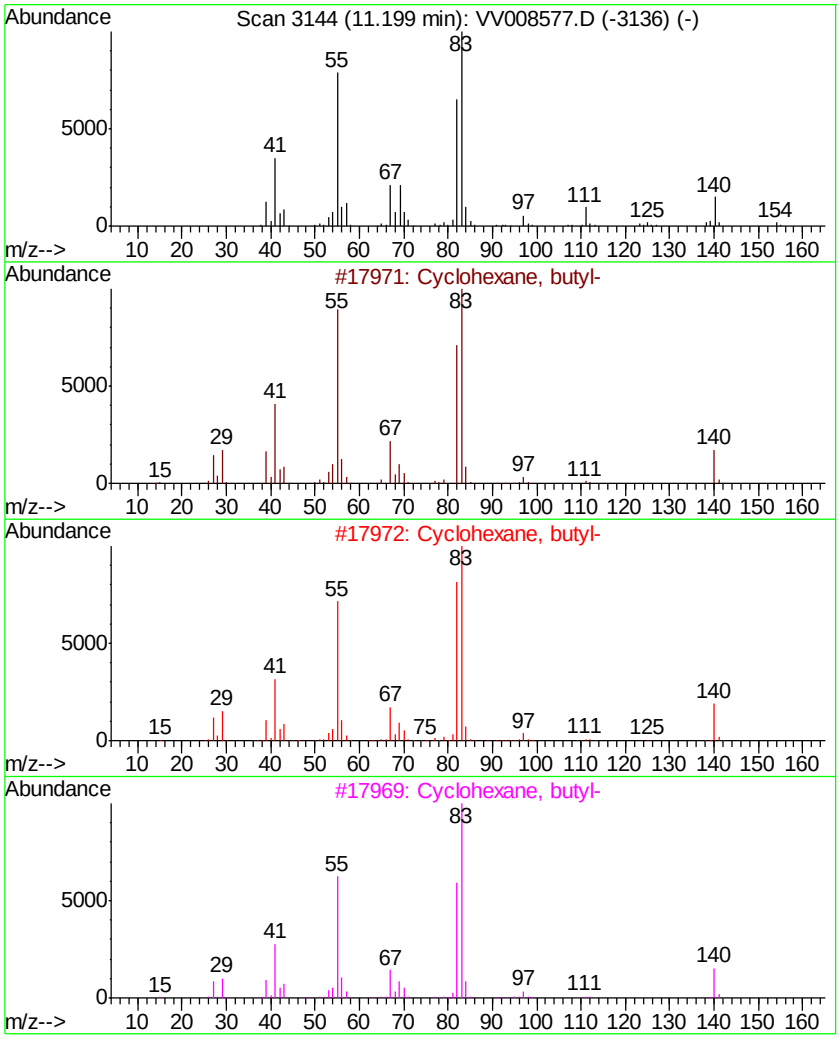
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

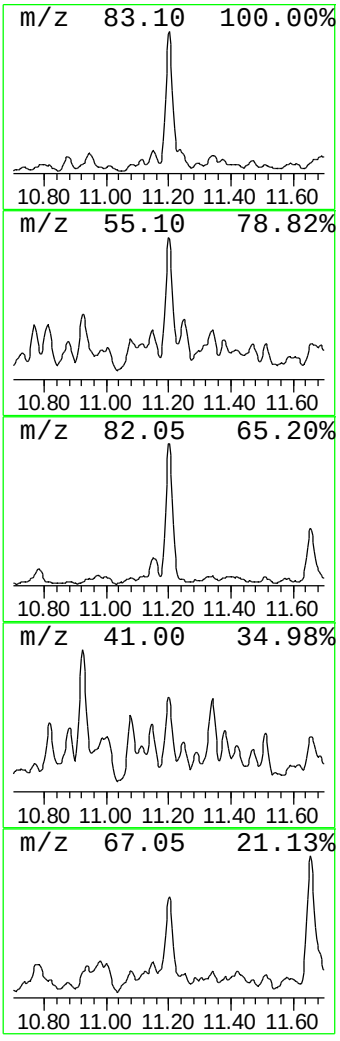
****

Peak Number 47 (DEL) Alkane: Cyclic11.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	15.51 ug/L	241698	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

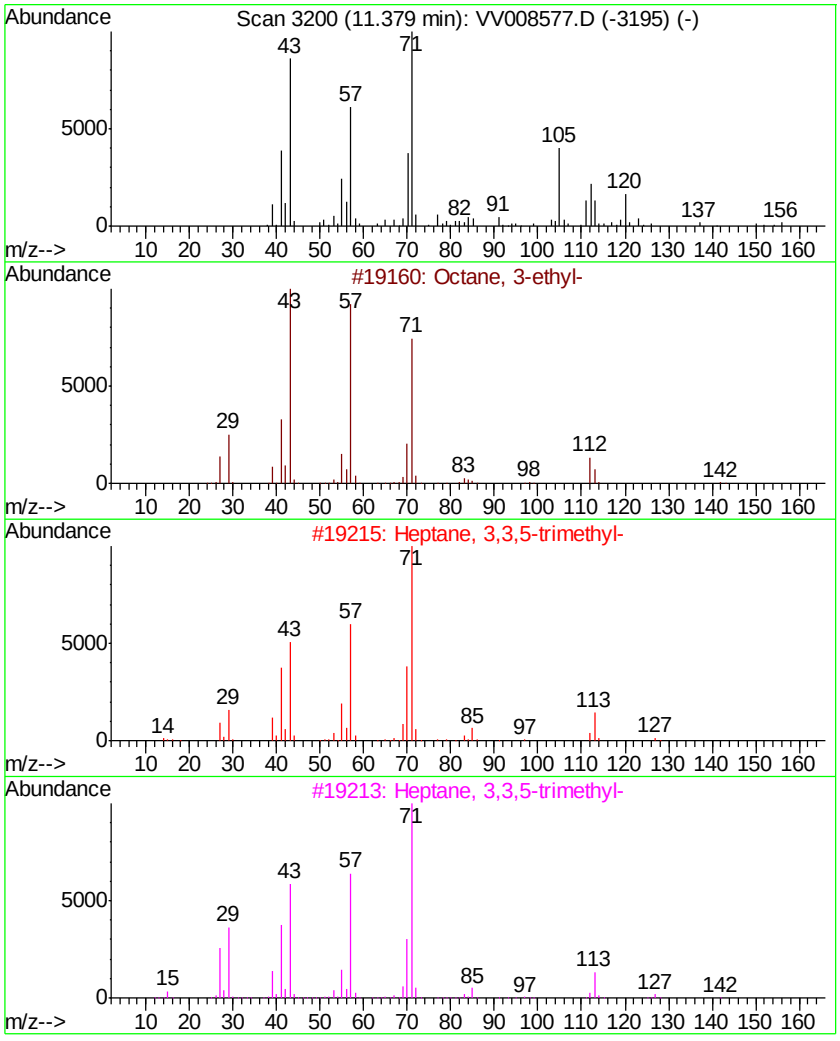
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

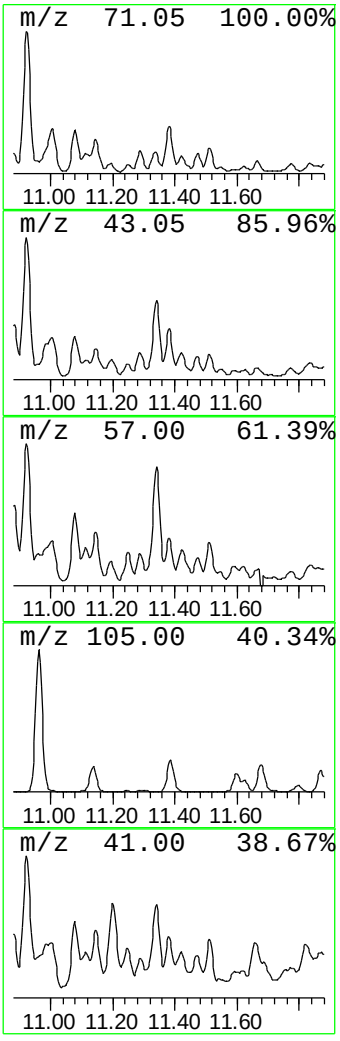
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	6.31 ug/L	98361	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	81
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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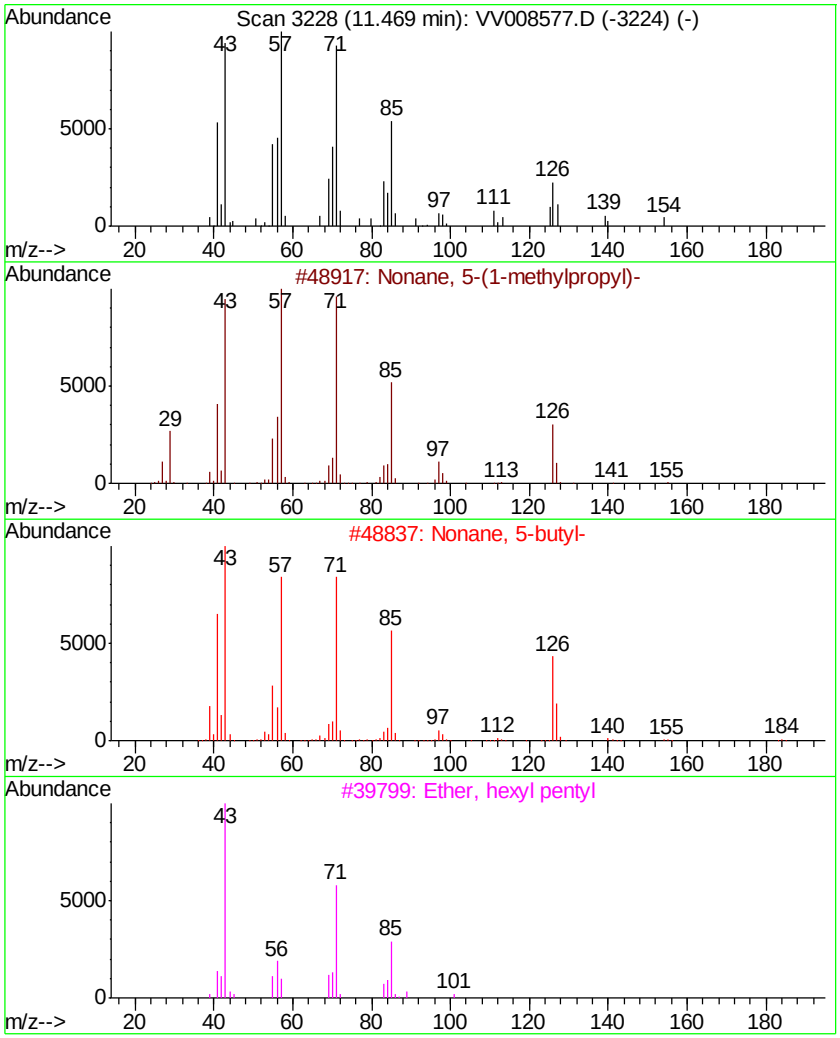
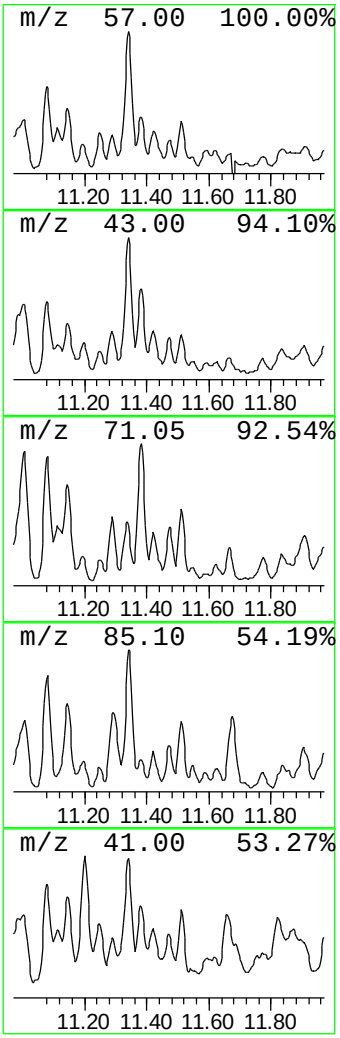
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.40 ug/L	52983	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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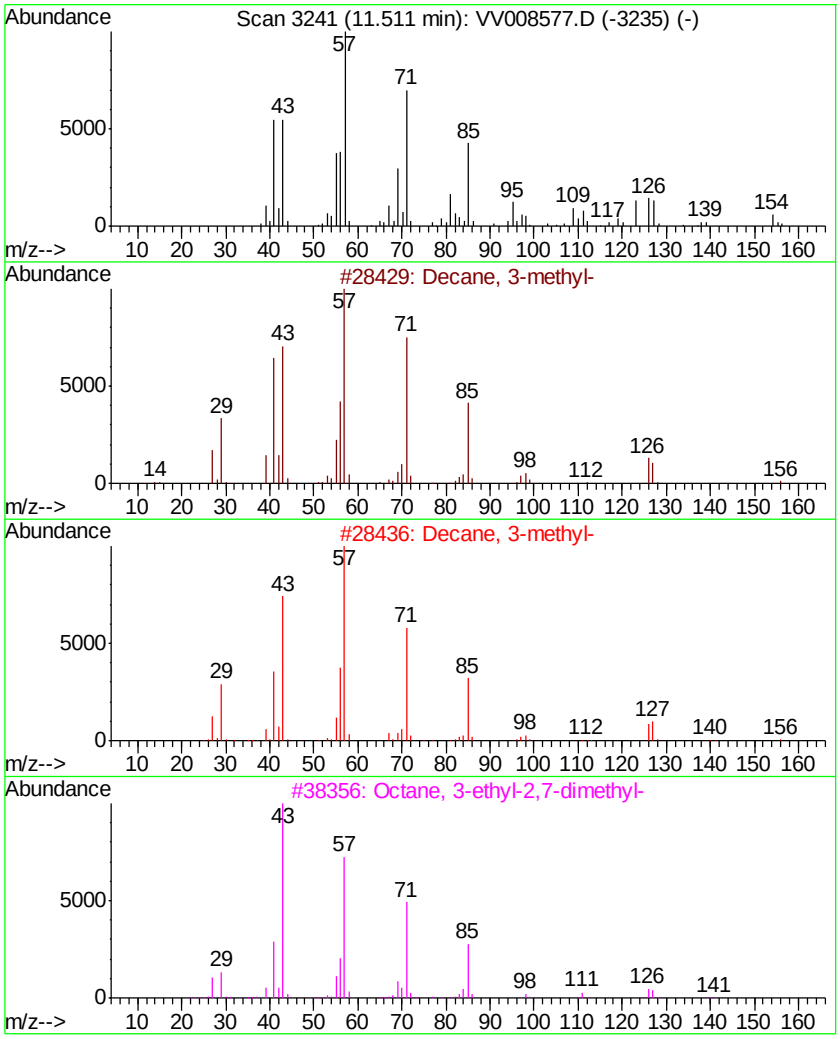
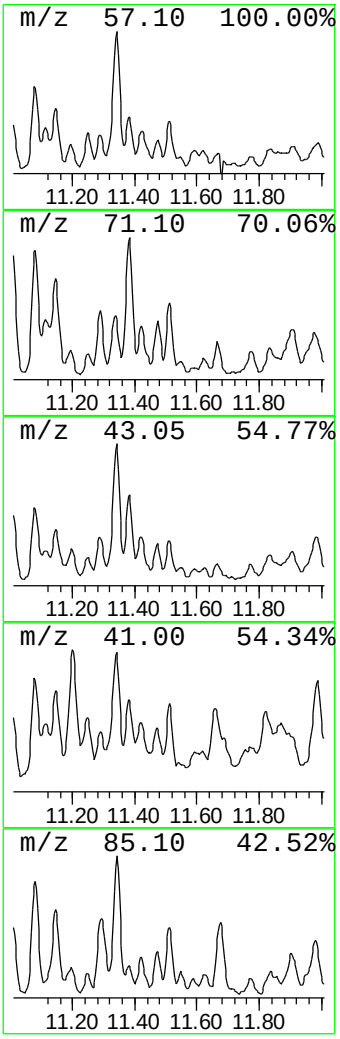
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	6.80 ug/L	105927	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	80
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

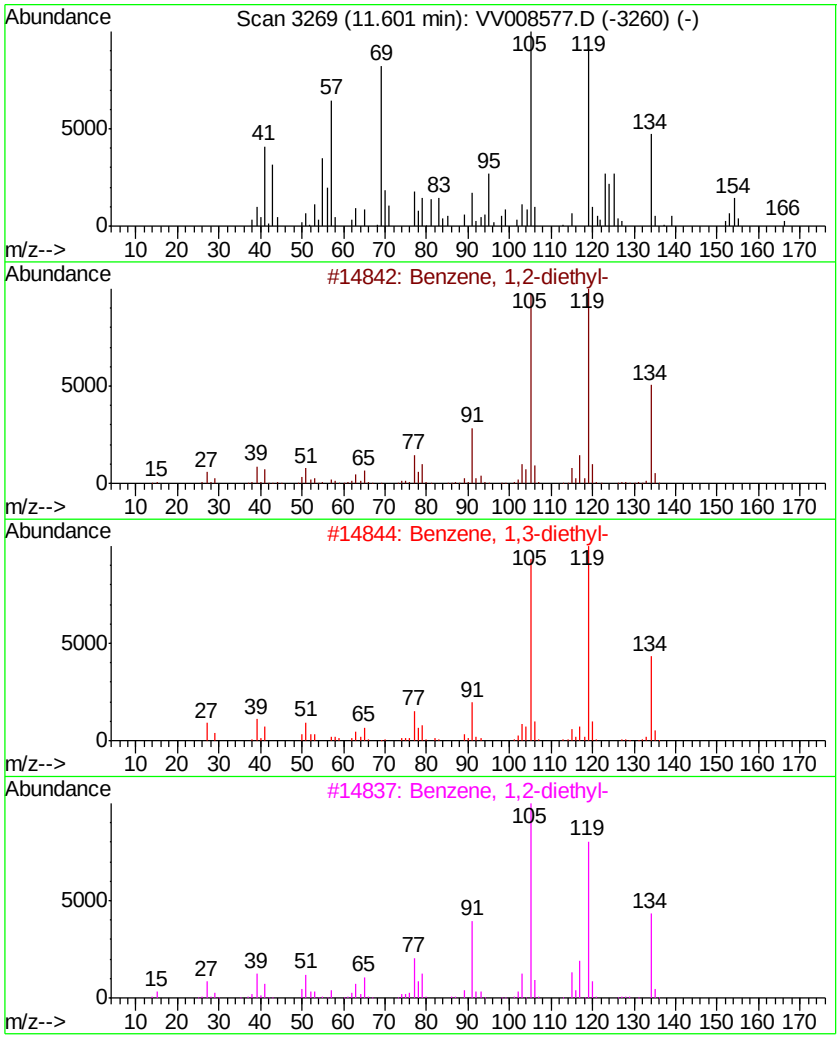
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

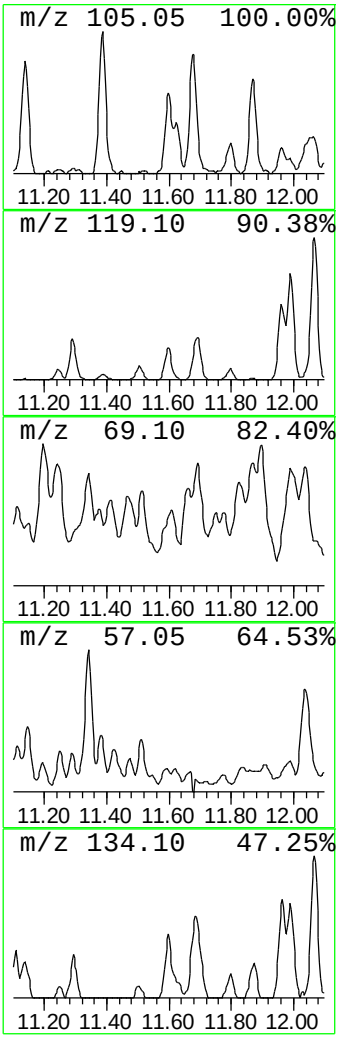
****

Peak Number 51 Benzene, 1,2-diethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	5.42 ug/L	84518	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

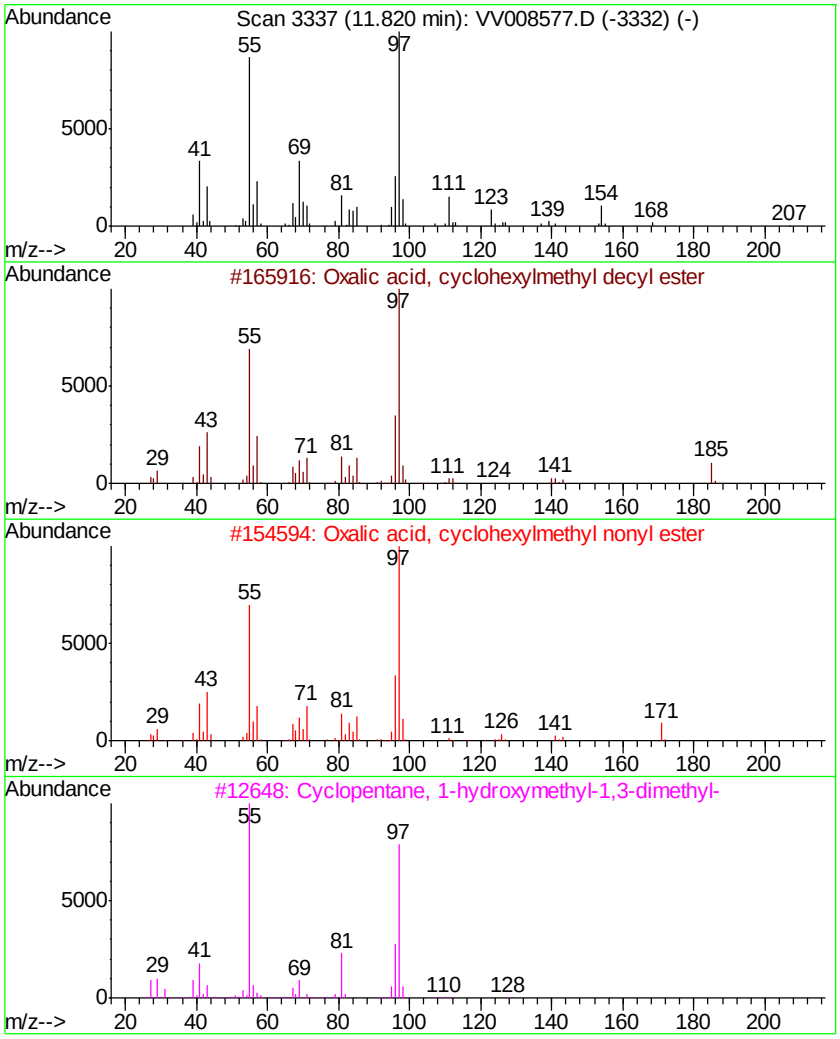
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

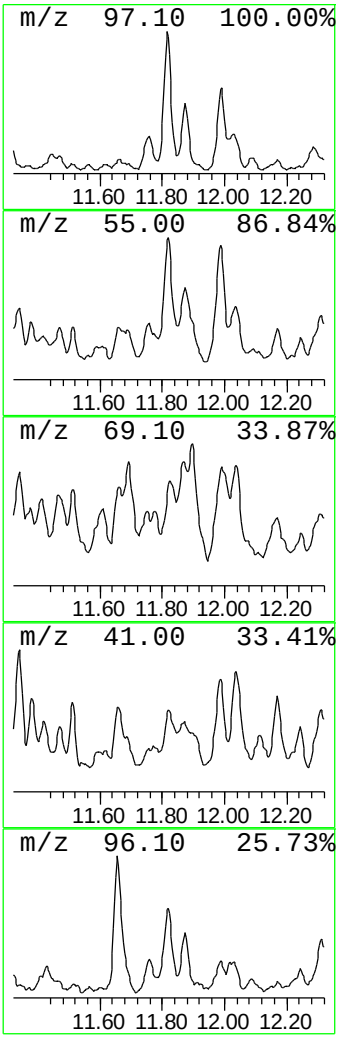
****

Peak Number 52 Oxalic acid, cyclohexylmeth... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.98 ug/L	77553	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	64
2	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	64
3	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	59
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

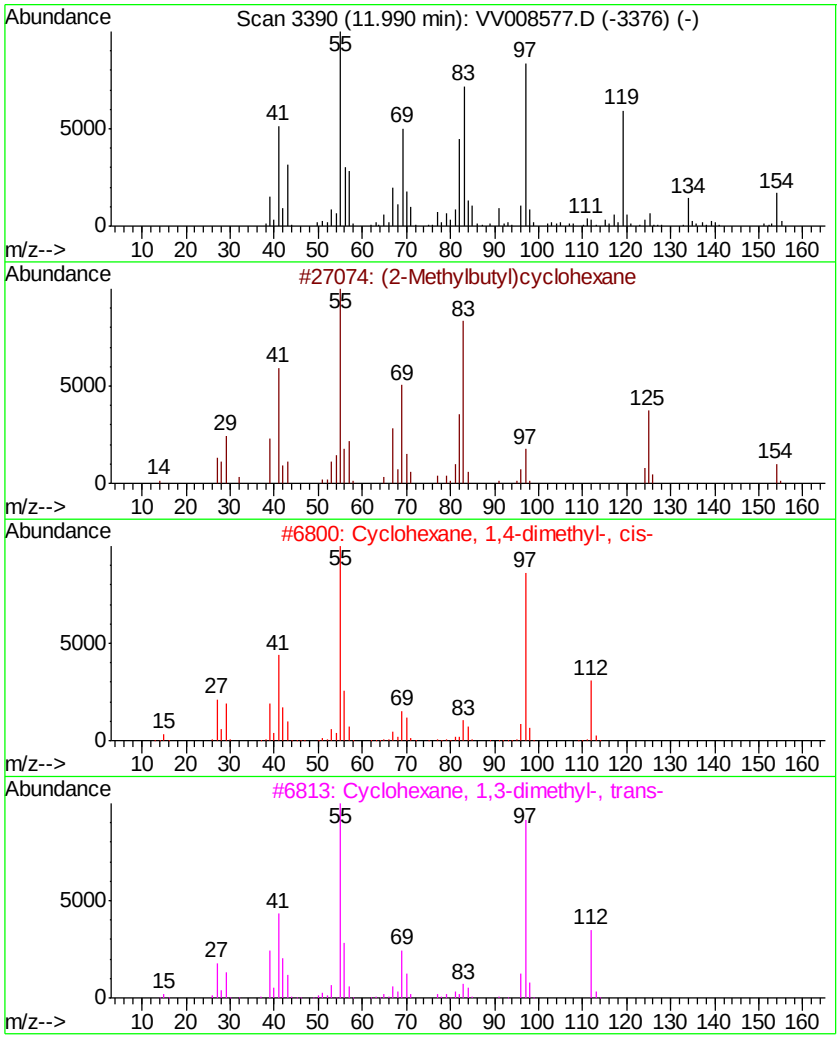
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

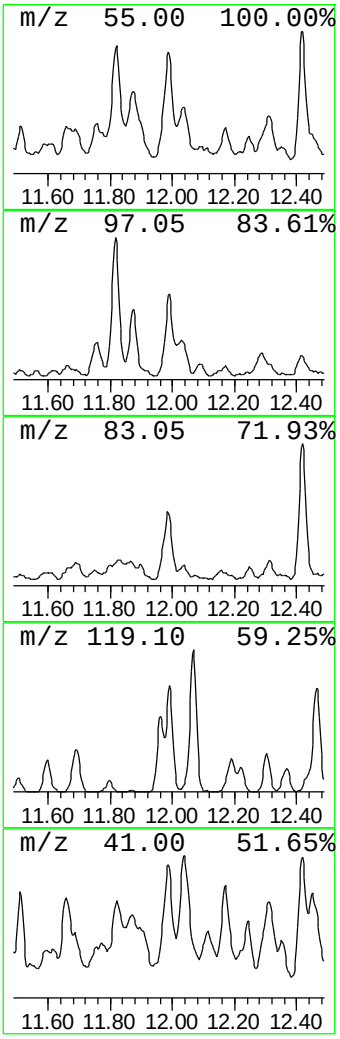
****

Peak Number 53 (DEL) Alkane: Cyclic11.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	19.07 ug/L	297229	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	38
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
4	4,4-Dimethylpent-2-enal	112	C7H12O	1000195-01-6	38
5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

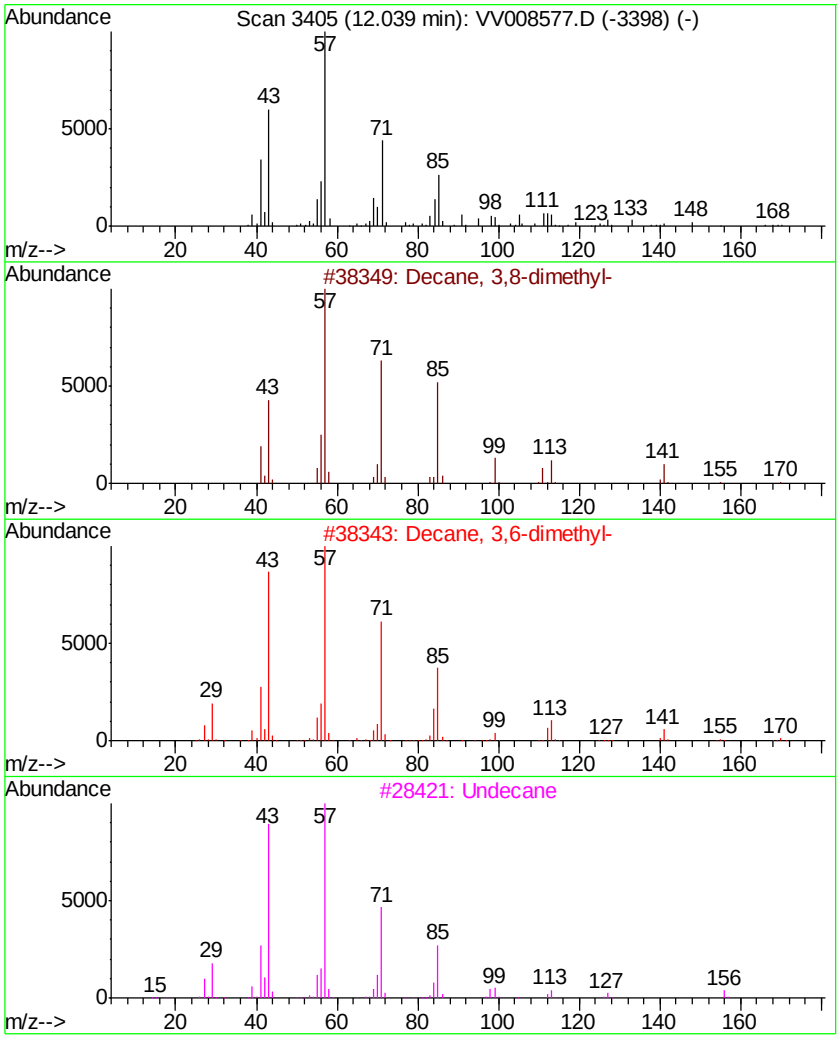
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

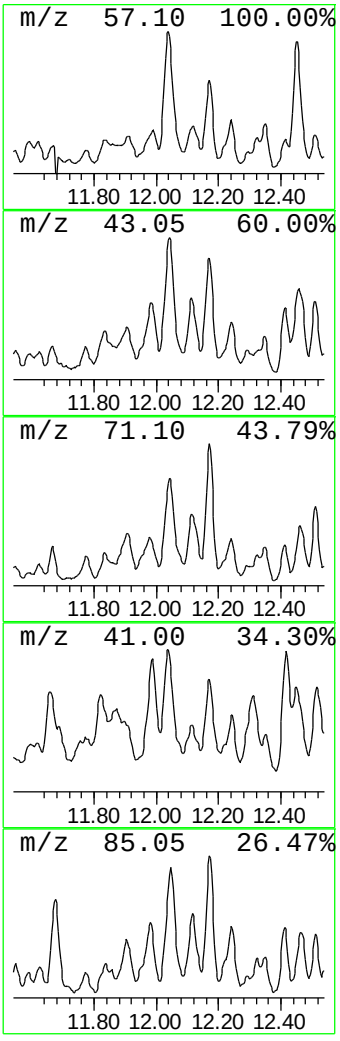
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	16.09 ug/L	250759	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
3	Undecane	156	C11H24	001120-21-4	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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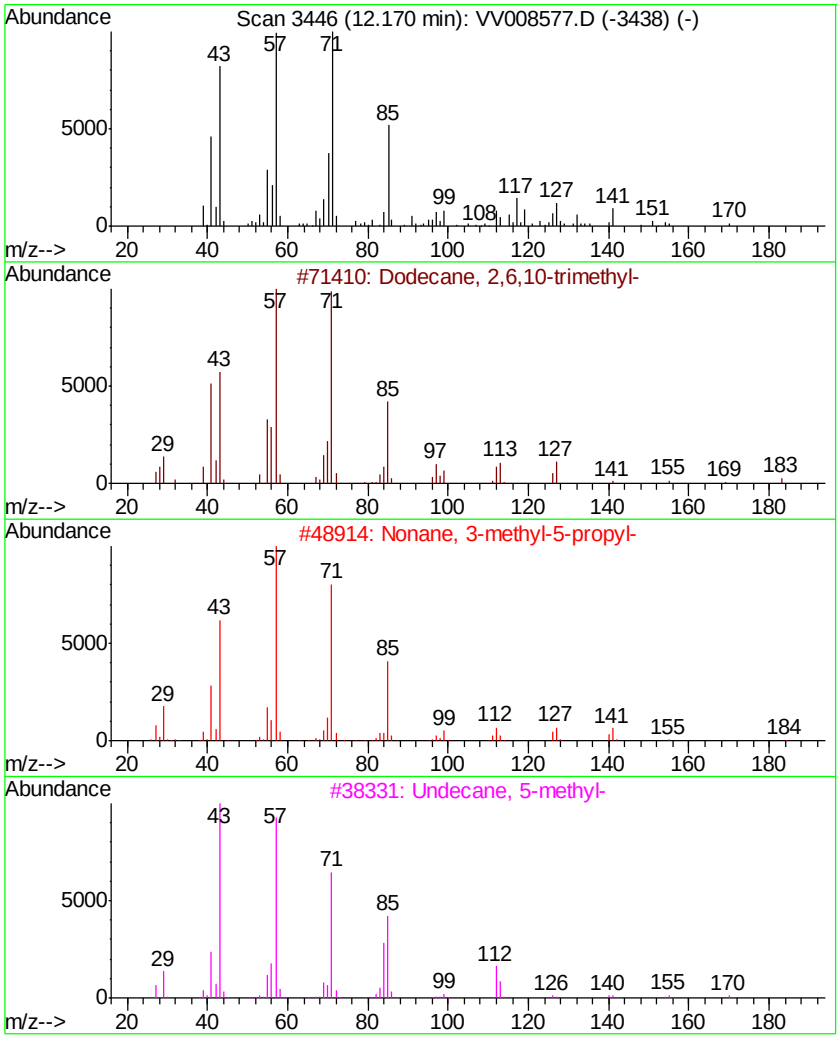
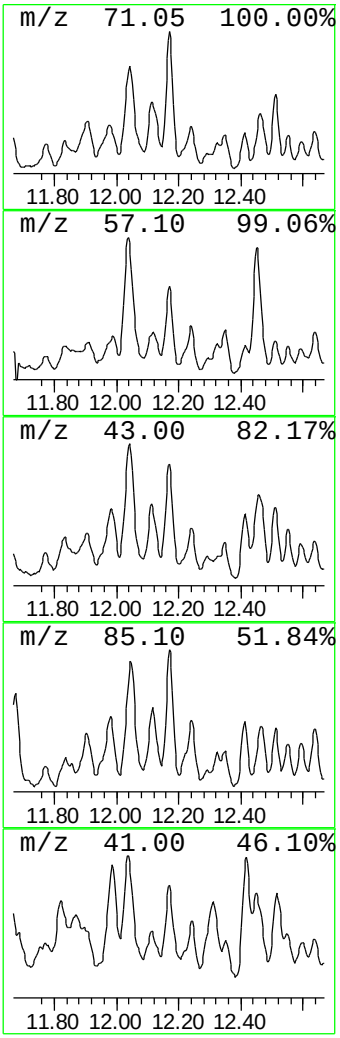
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	10.06 ug/L	156868	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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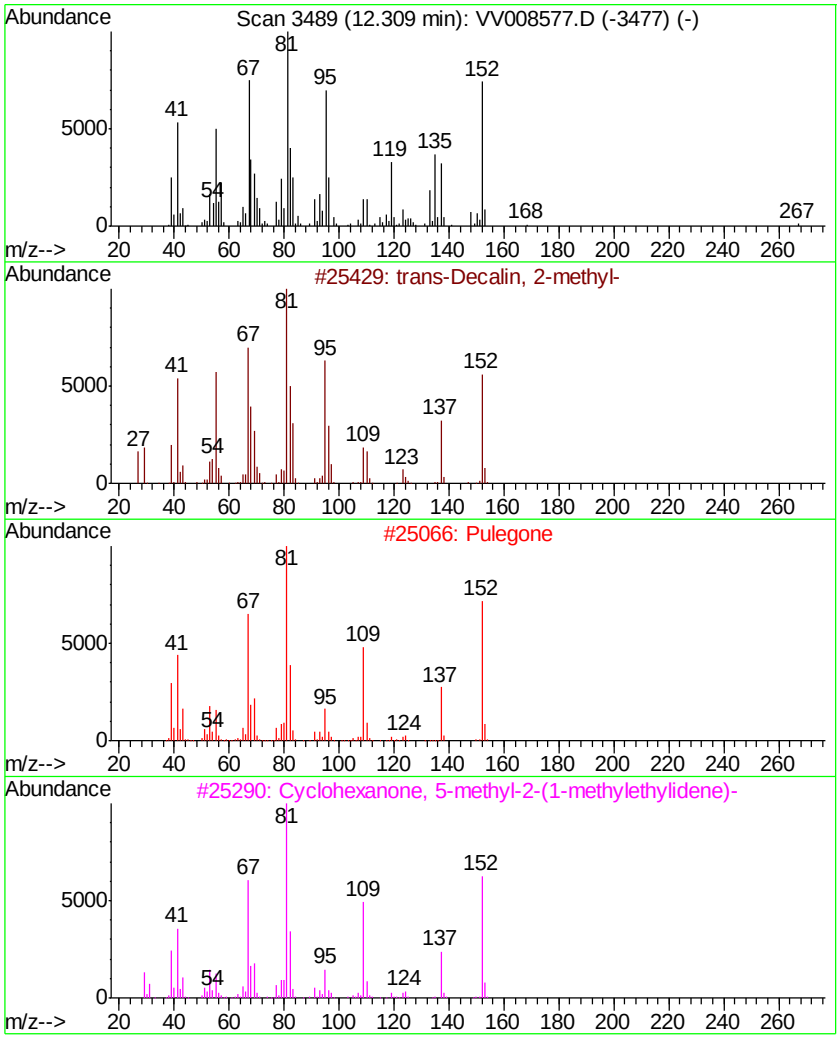
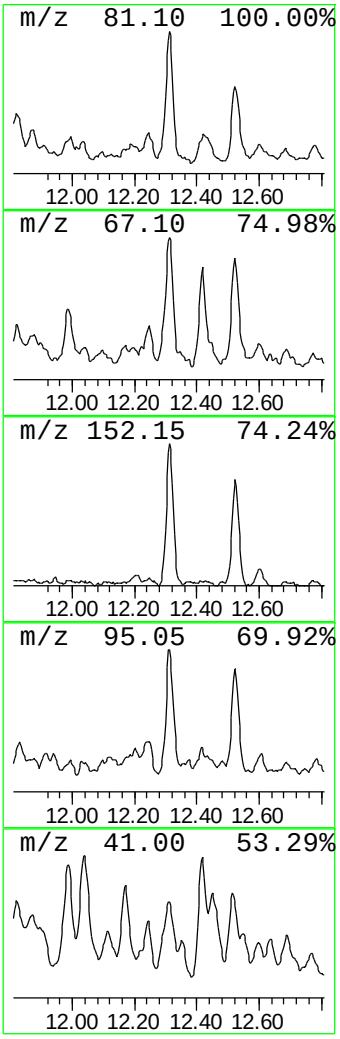
Peak Number 56 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	18.14 ug/L	282831	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2	Pulegone	152	C10H16O	000089-82-7	89
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
4	Pulegone	152	C10H16O	000089-82-7	68
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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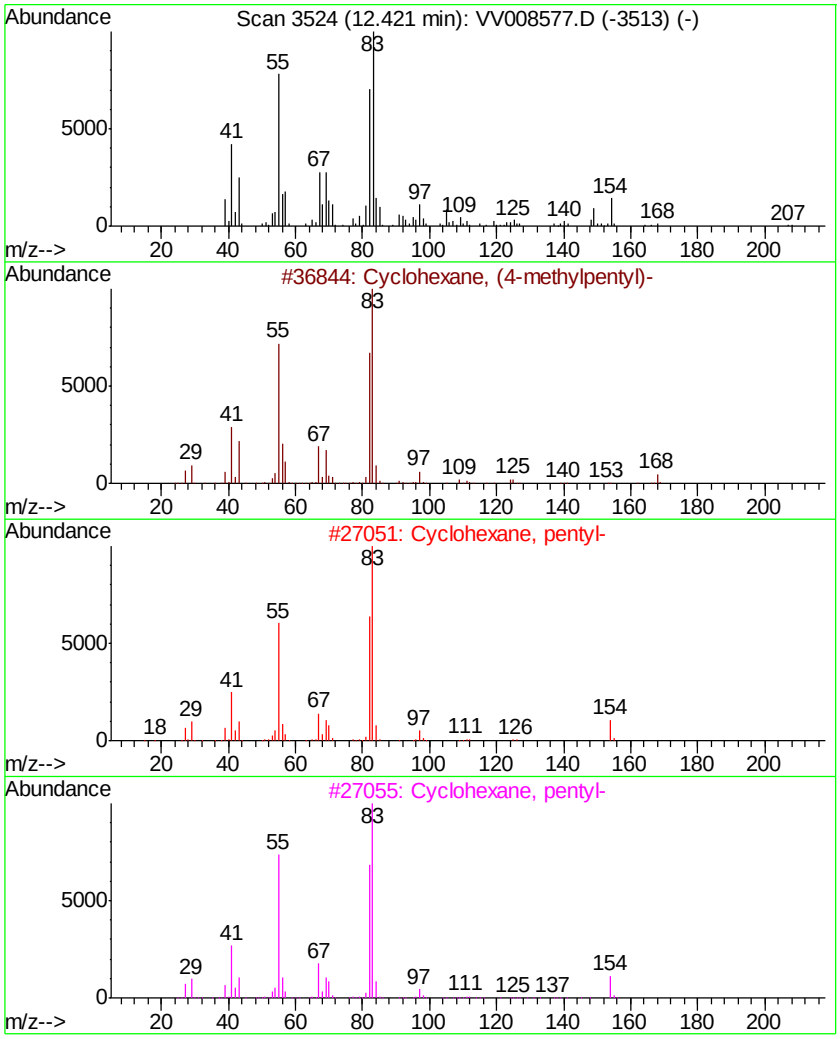
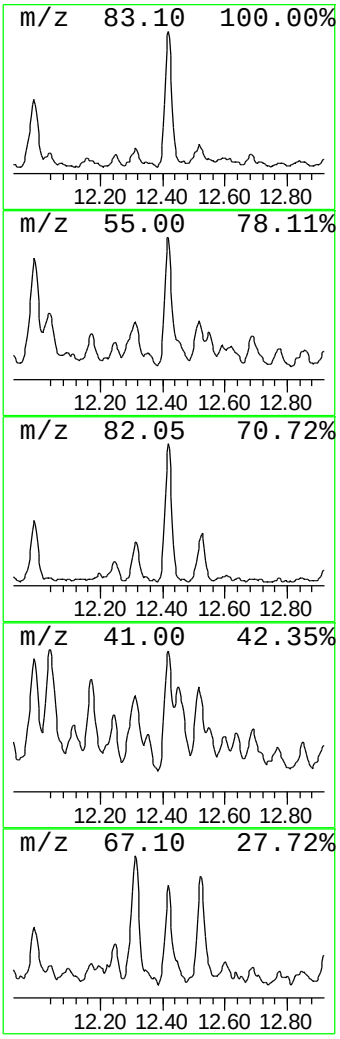
Peak Number 57 (DEL) Alkane: Cyclic12.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	19.78 ug/L	308287	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

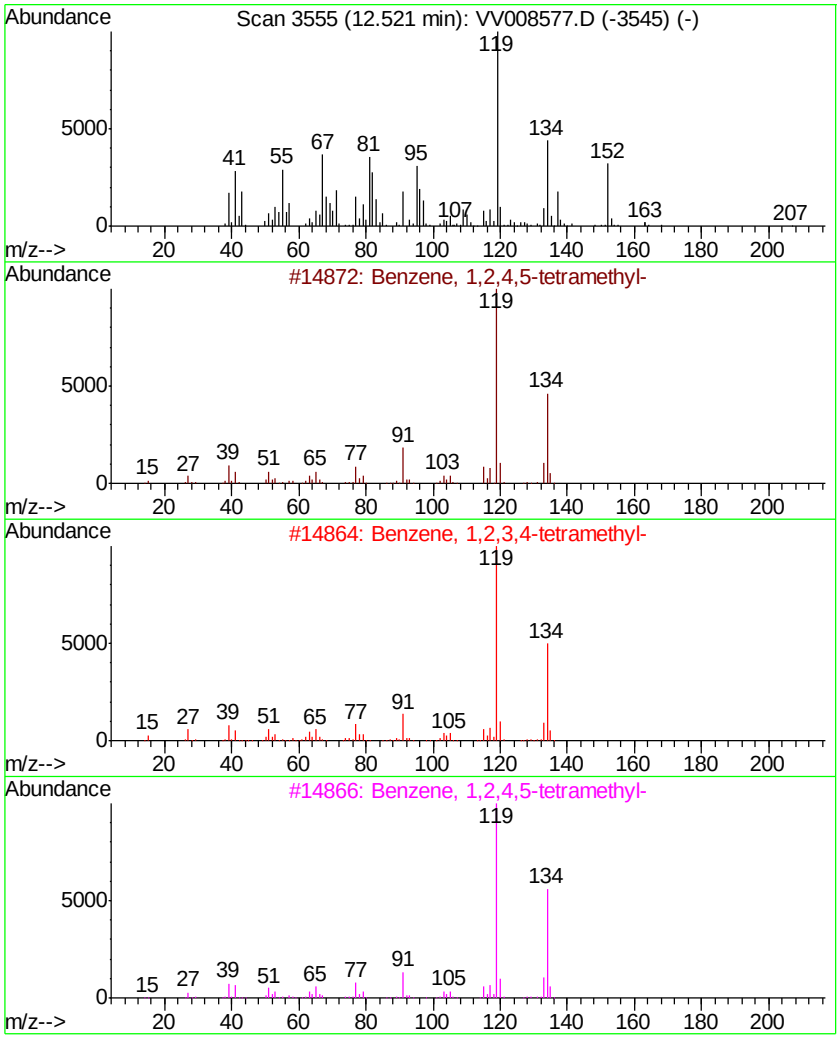
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

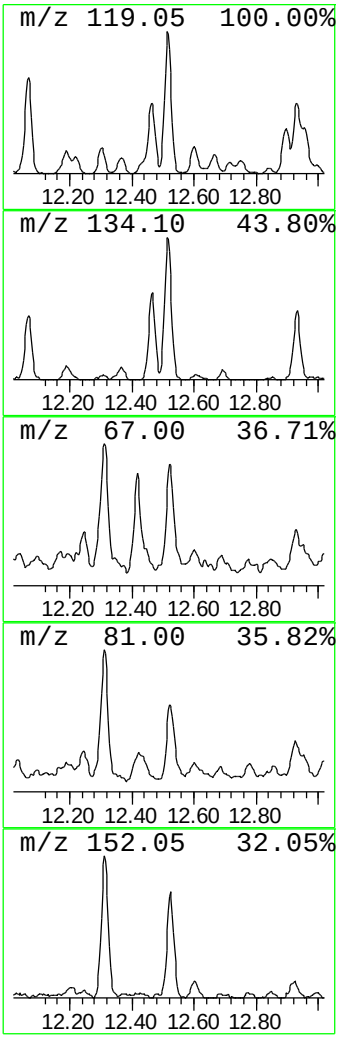
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	18.60 ug/L	289871	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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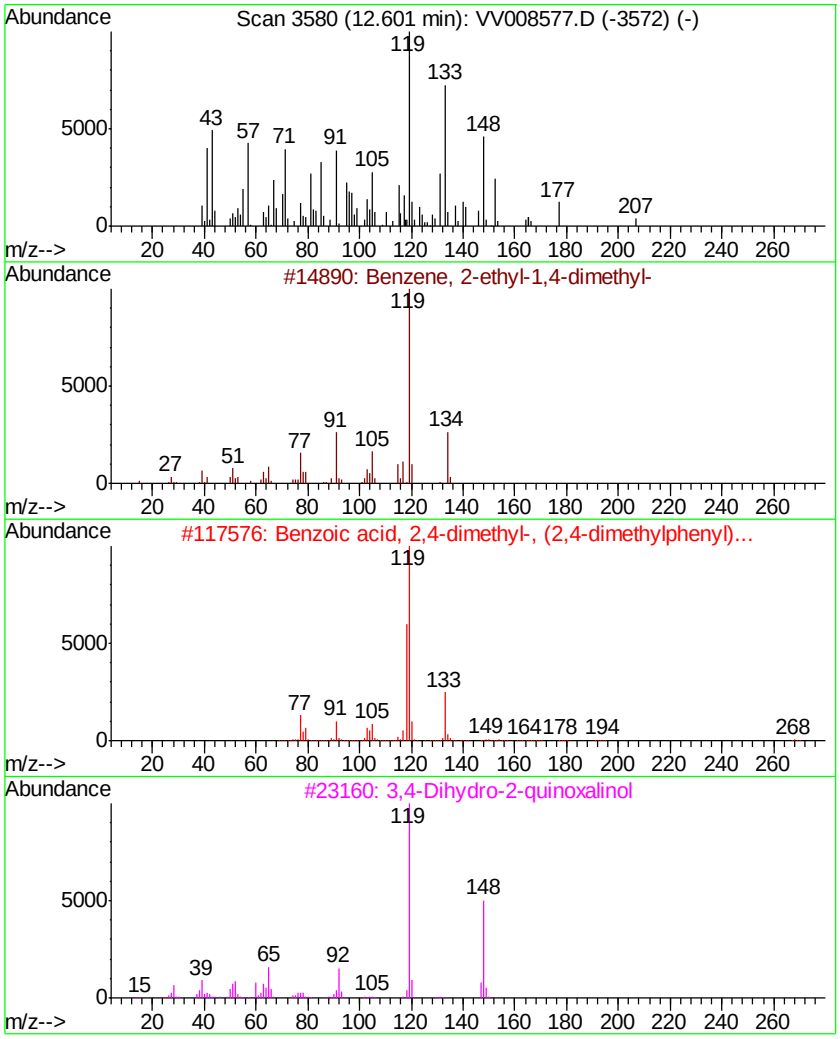
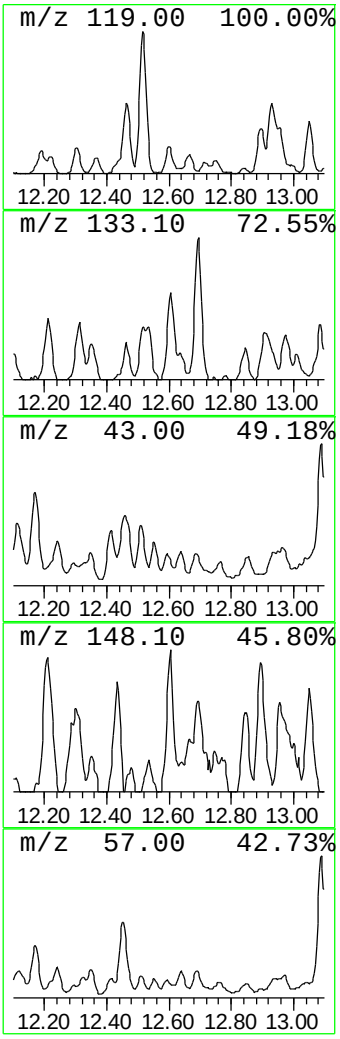
Peak Number 59 unknown-02 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	5.13 ug/L	79899	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25
2	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	22
3	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	22
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	22
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	22





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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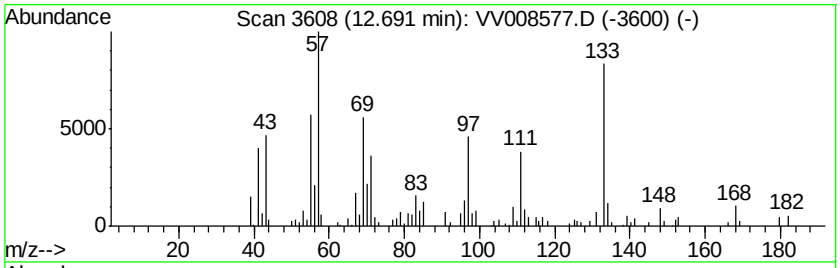
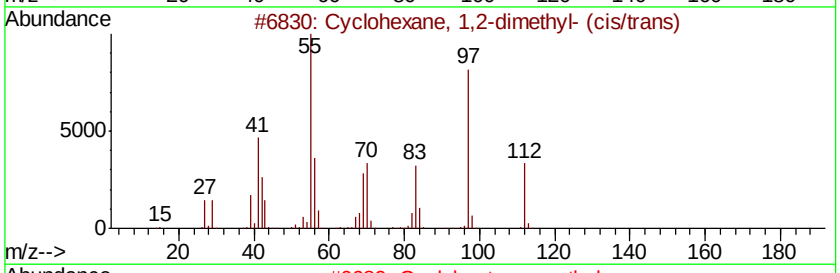
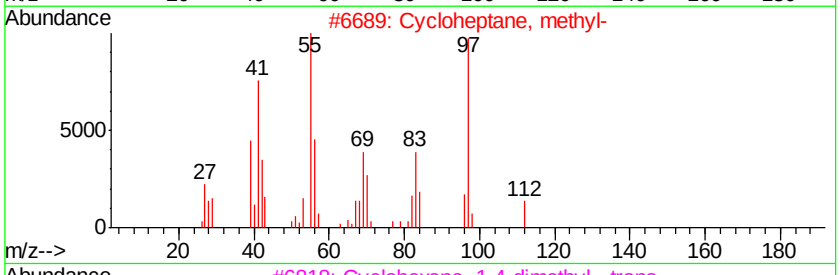
Peak Number 60 (DEL) Alkane: Cyclic12.69 Concentration Rank 41

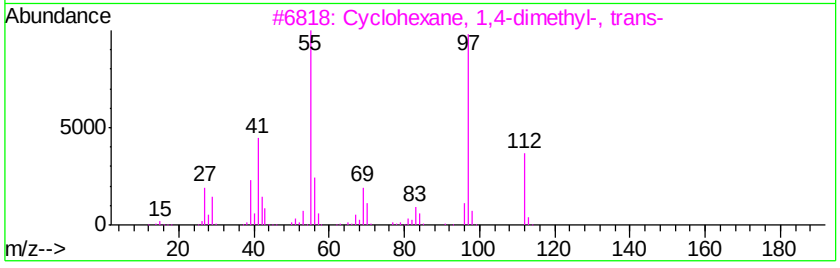
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.46 ug/L	100754	1,4-Dichlorobenzene-d4	11.30

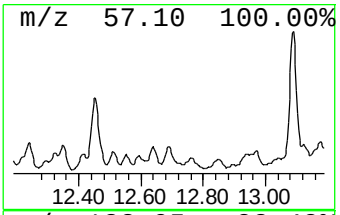
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	38
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	25
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	18
4	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	14
5	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	14

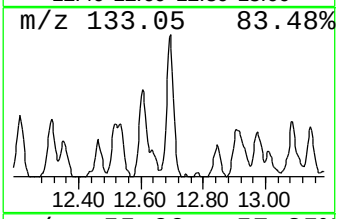


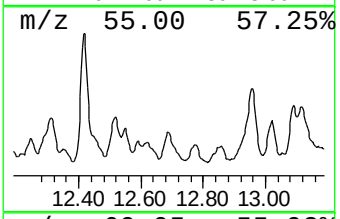


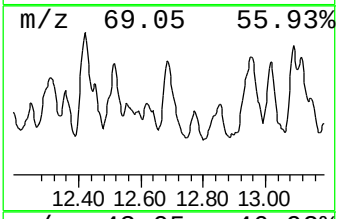


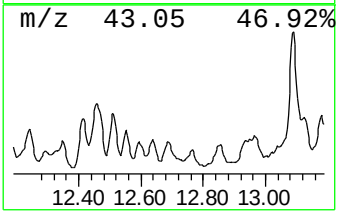












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

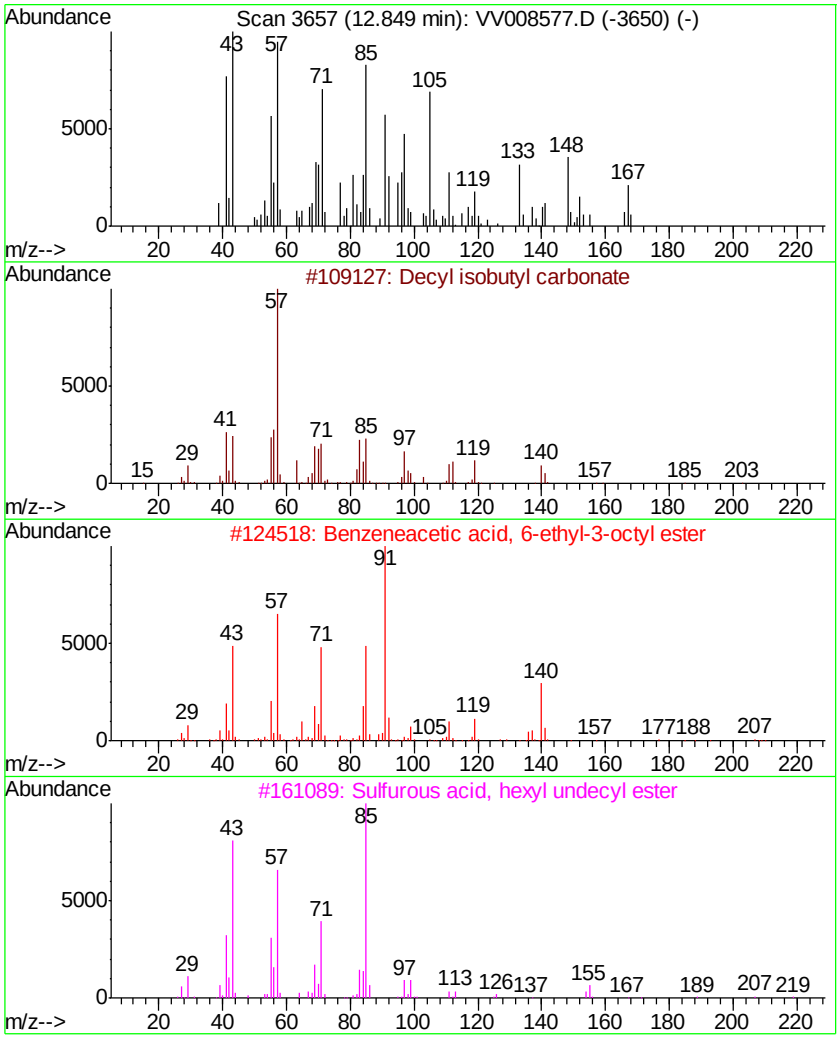
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

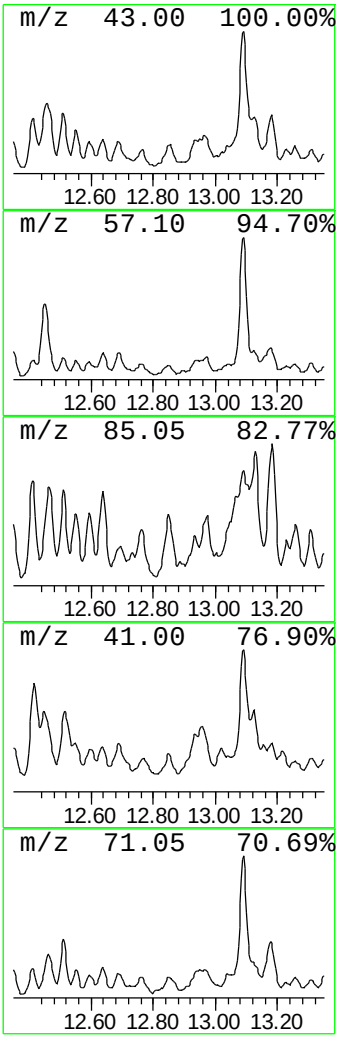
****

Peak Number 61 unknown-03 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.47 ug/L	54017	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	35
2	Benzeneacetic acid, 6-ethyl-3-oc...	276	C18H28O2	1000282-64-0	27
3	Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	22
4	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	22
5	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

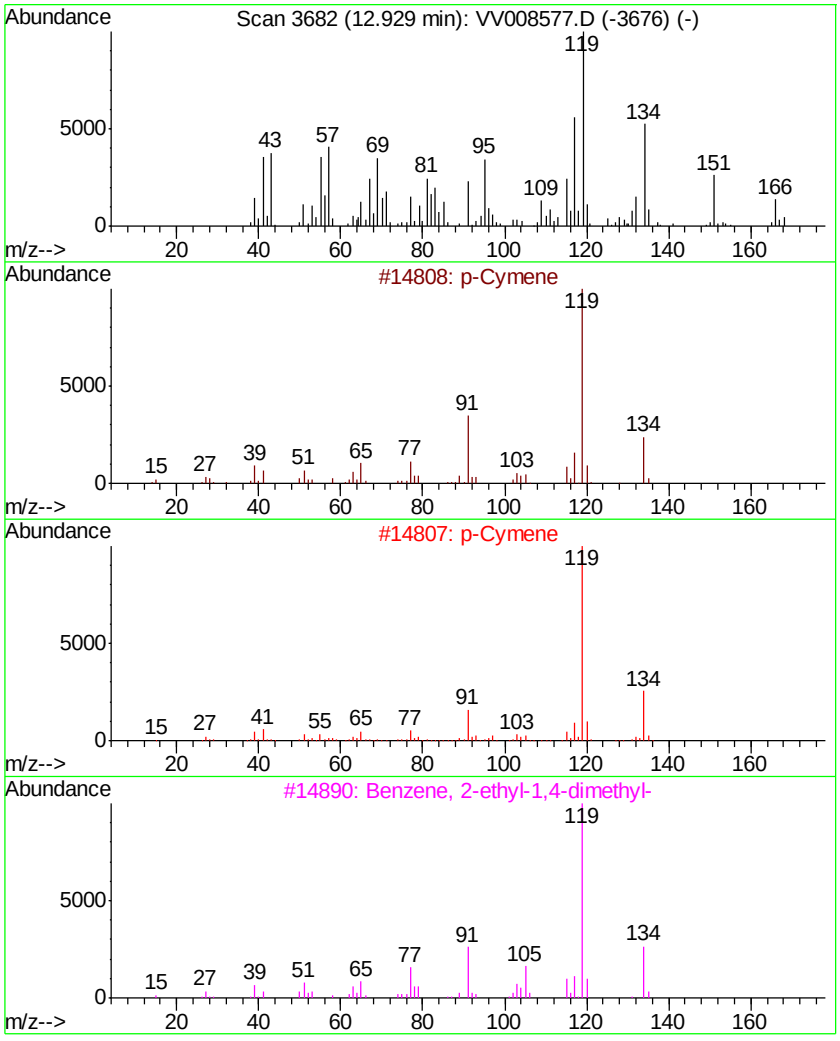
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

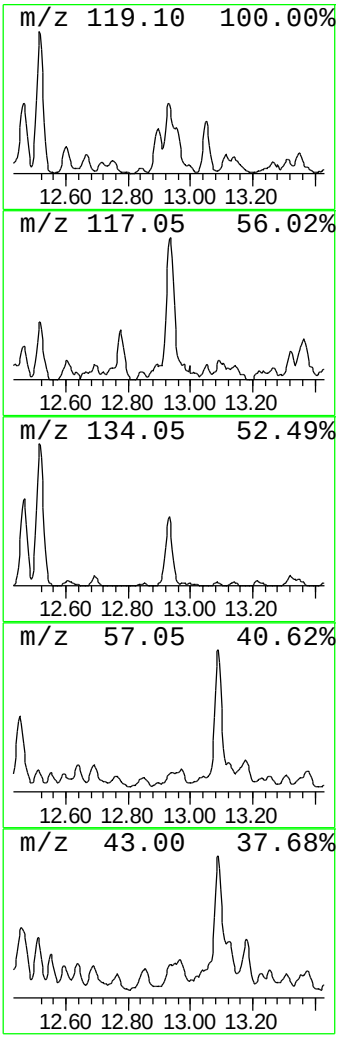
****

Peak Number 62 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	7.43 ug/L	115800	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	49
2	p-Cymene	134	C10H14	000099-87-6	46
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5	o-Cymene	134	C10H14	000527-84-4	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

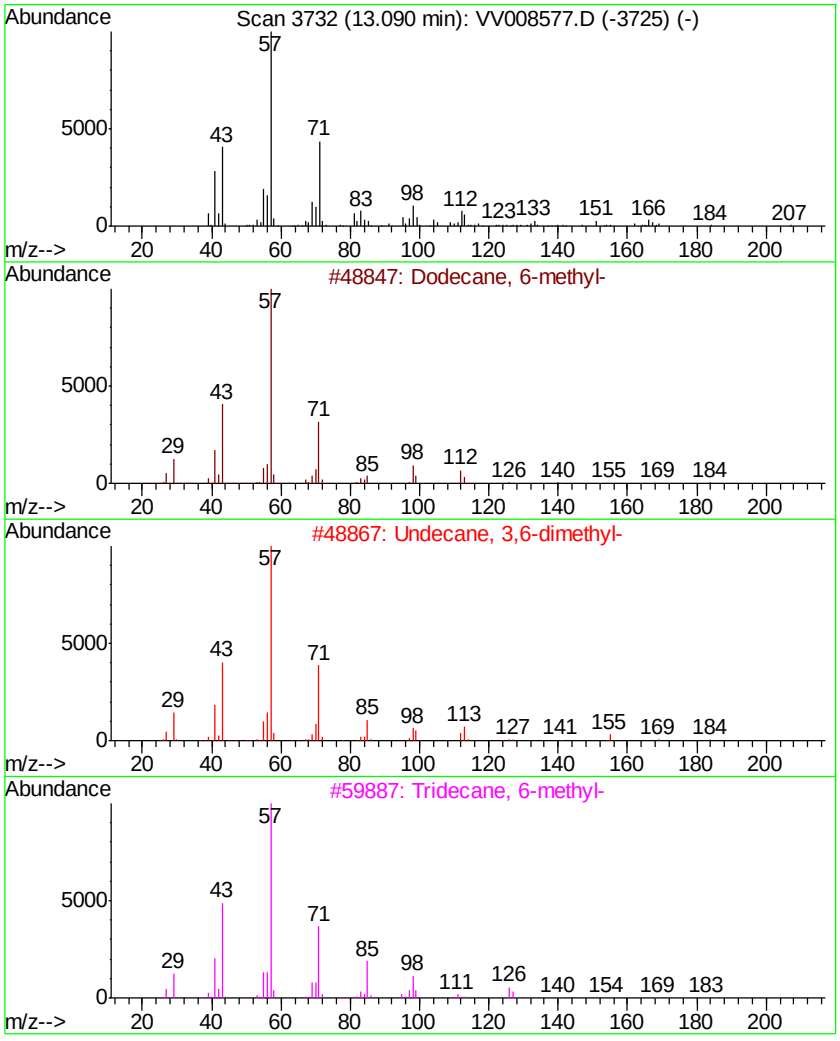
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

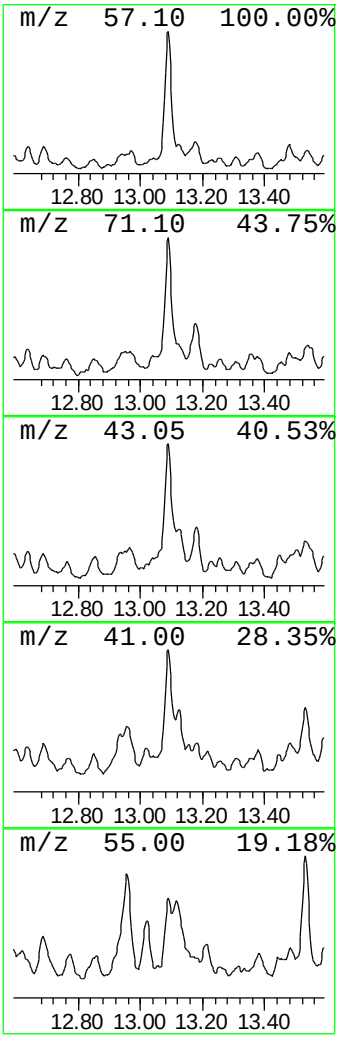
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	16.72 ug/L	260645	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

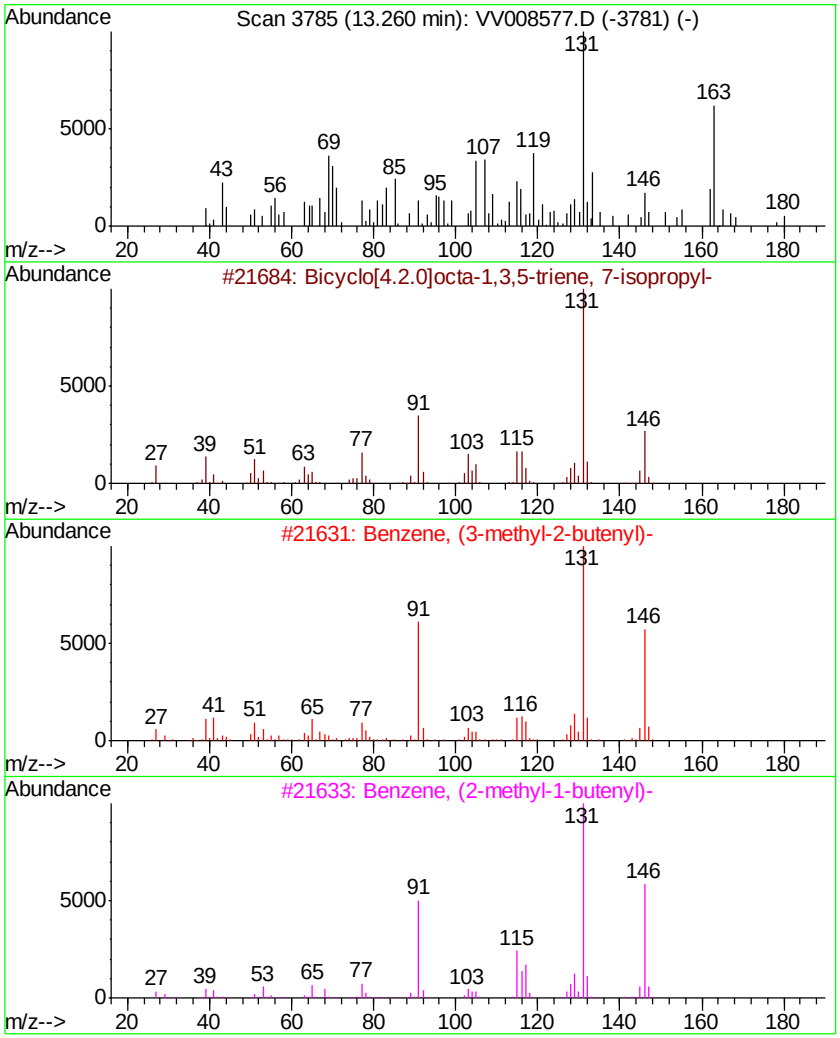
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

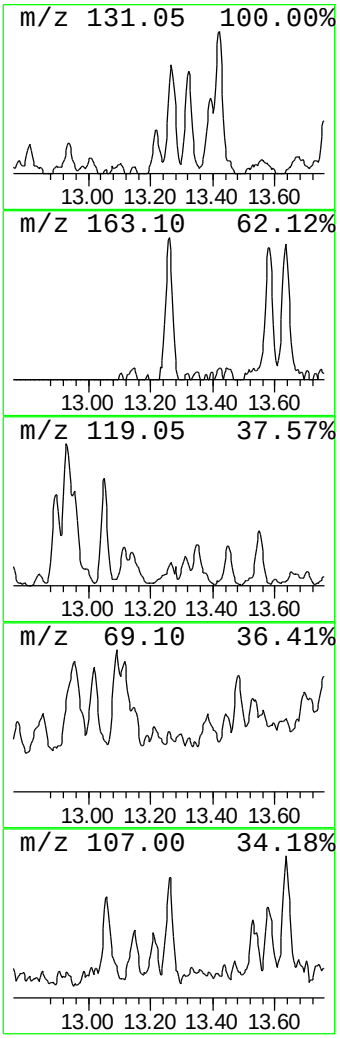
****

Peak Number 64 unknown-05 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.82 ug/L	44010	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	46
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	46
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

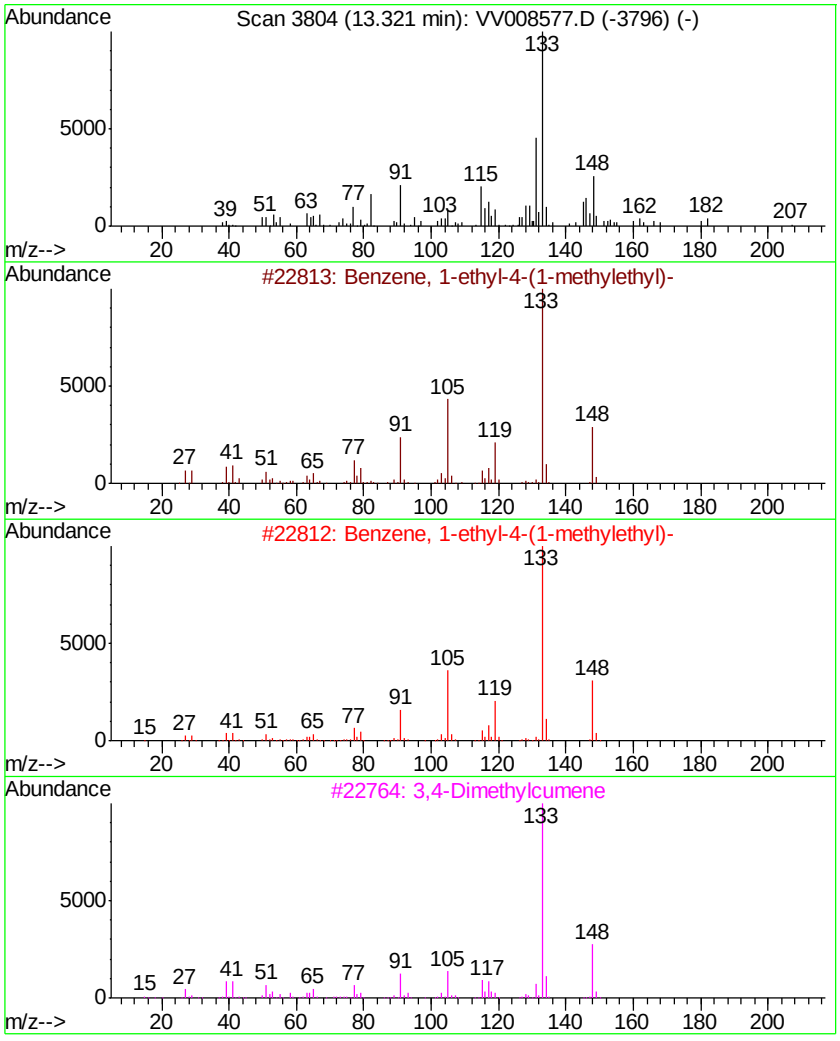
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

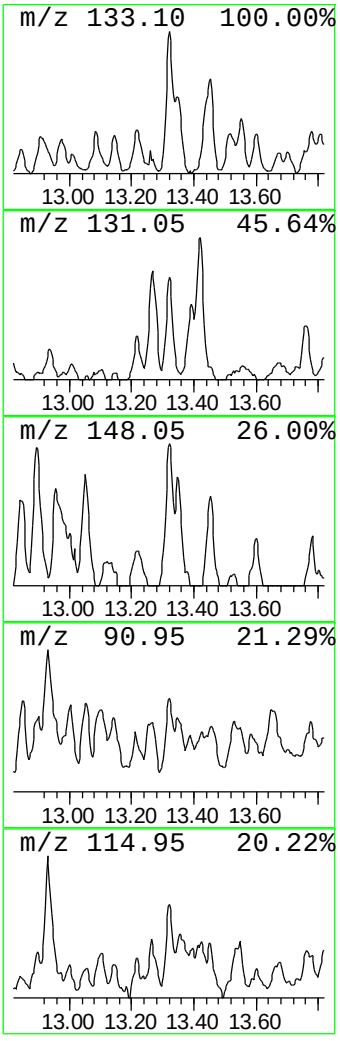
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	3.51 ug/L	54654	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

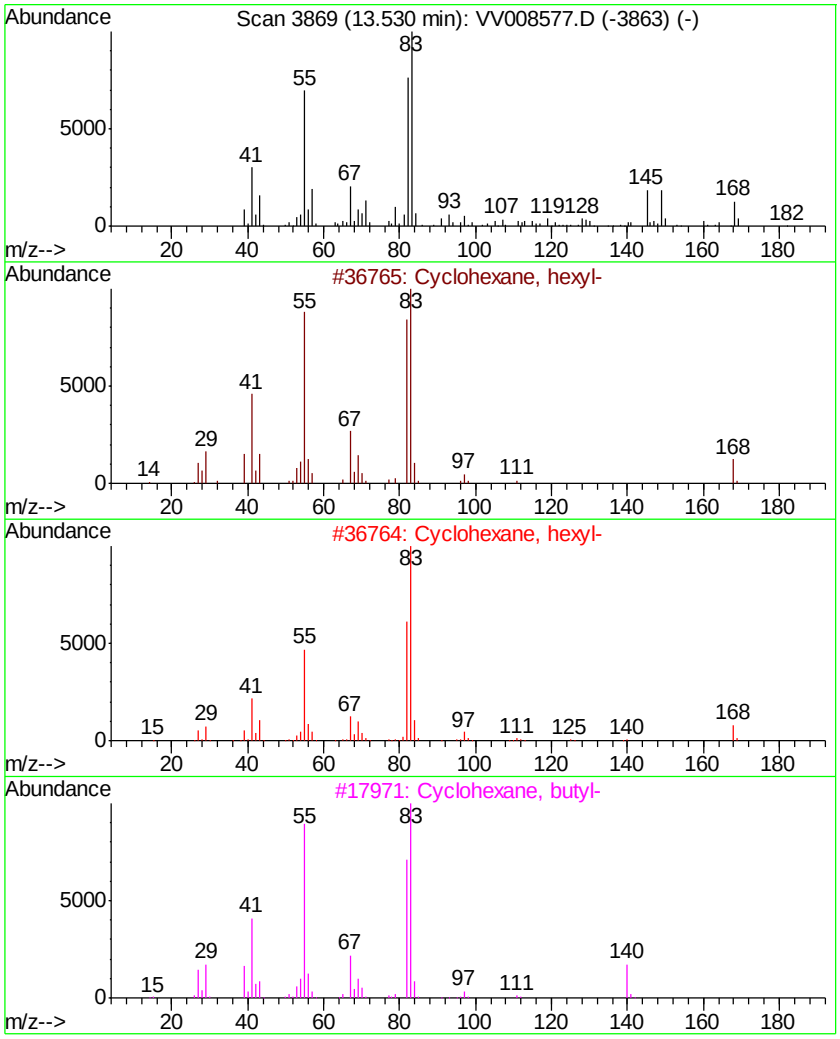
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

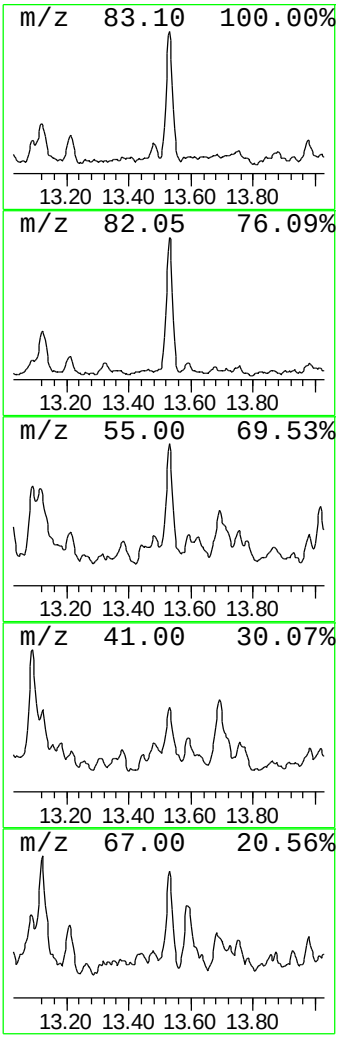
****

Peak Number 66 (DEL) Alkane: Cyclic13.53 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	12.03 ug/L	187498	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	74
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

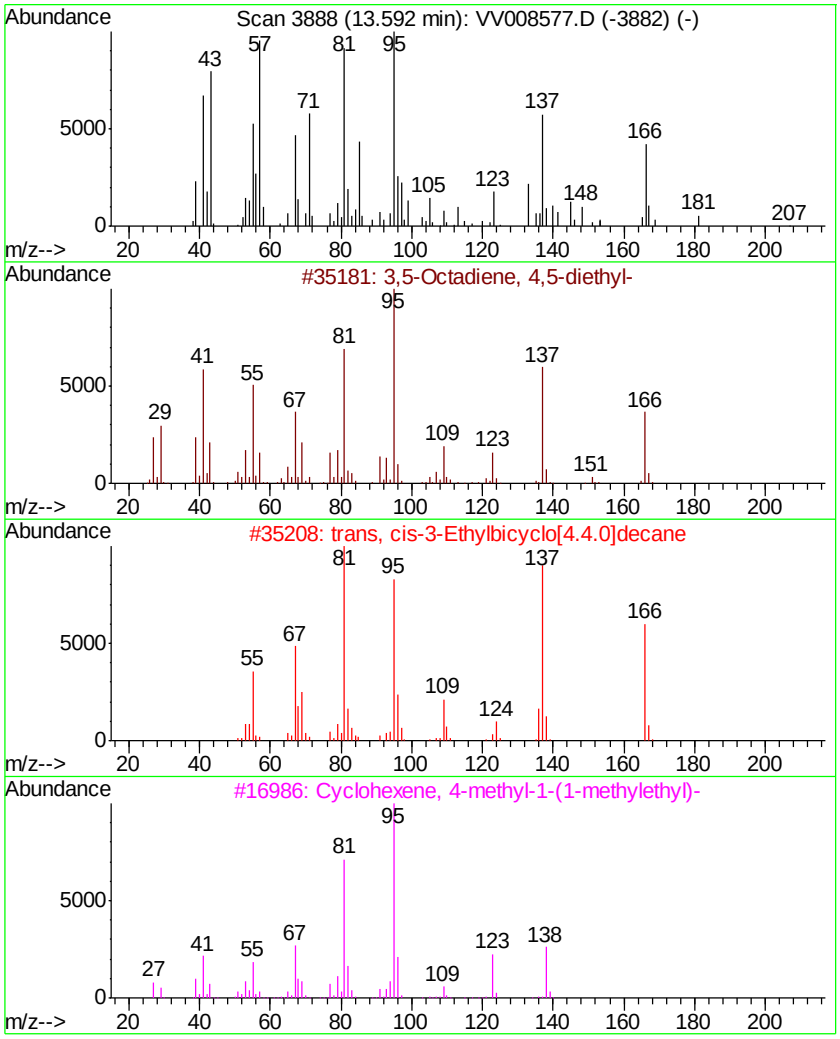
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

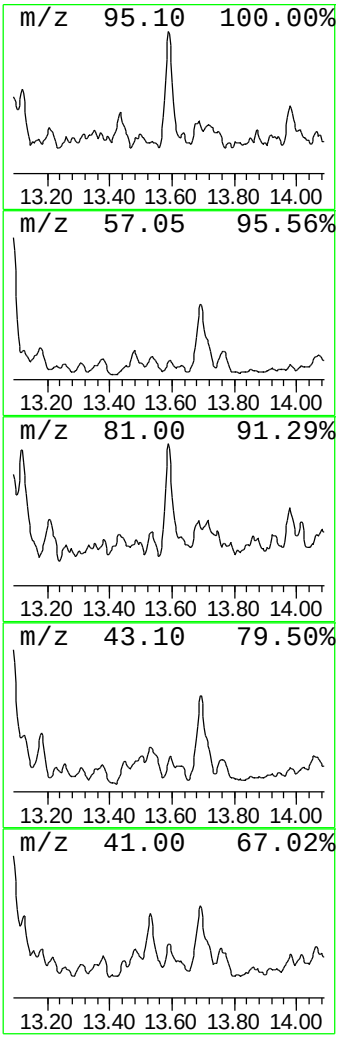
****

Peak Number 67 3,5-Octadiene, 4,5-diethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	4.42 ug/L	68974	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	58
2	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	53
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	50
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	50
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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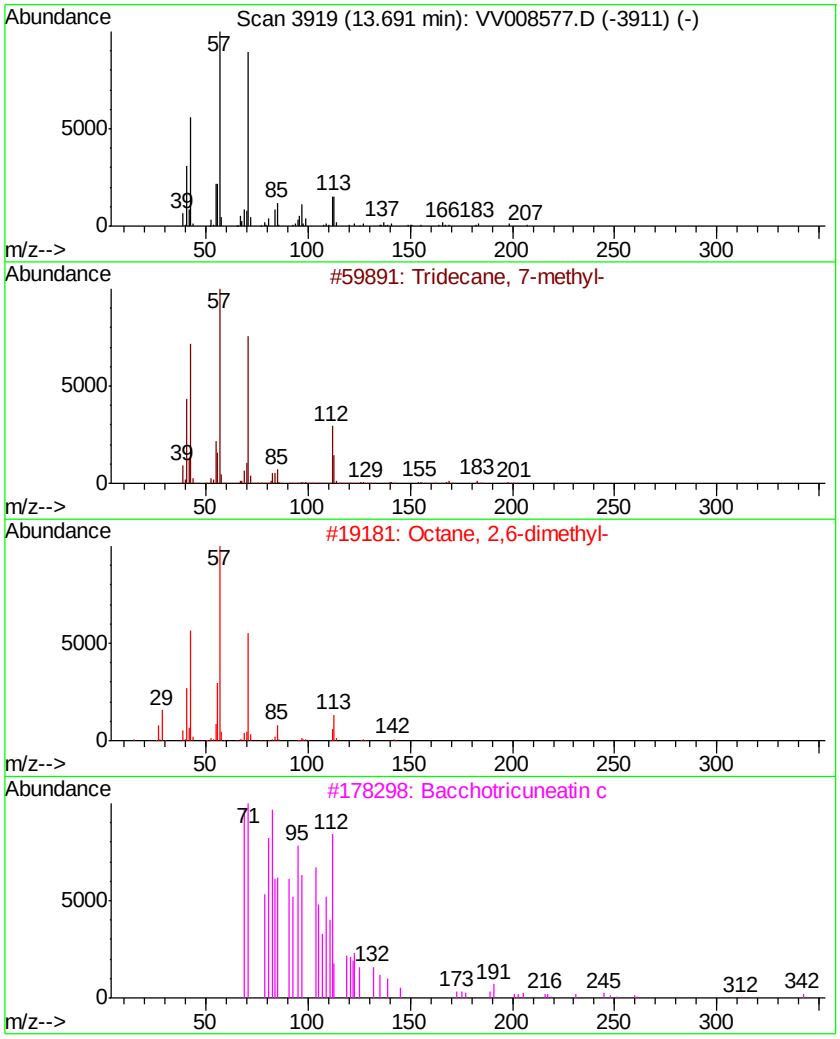
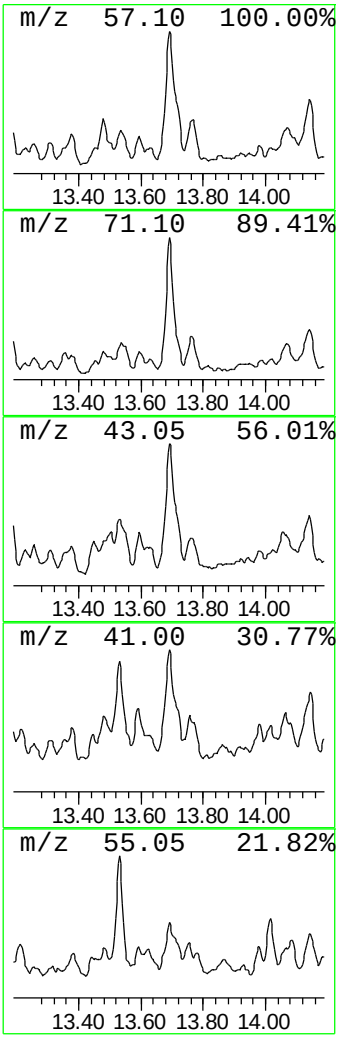
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	13.14 ug/L	204759	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50
5	Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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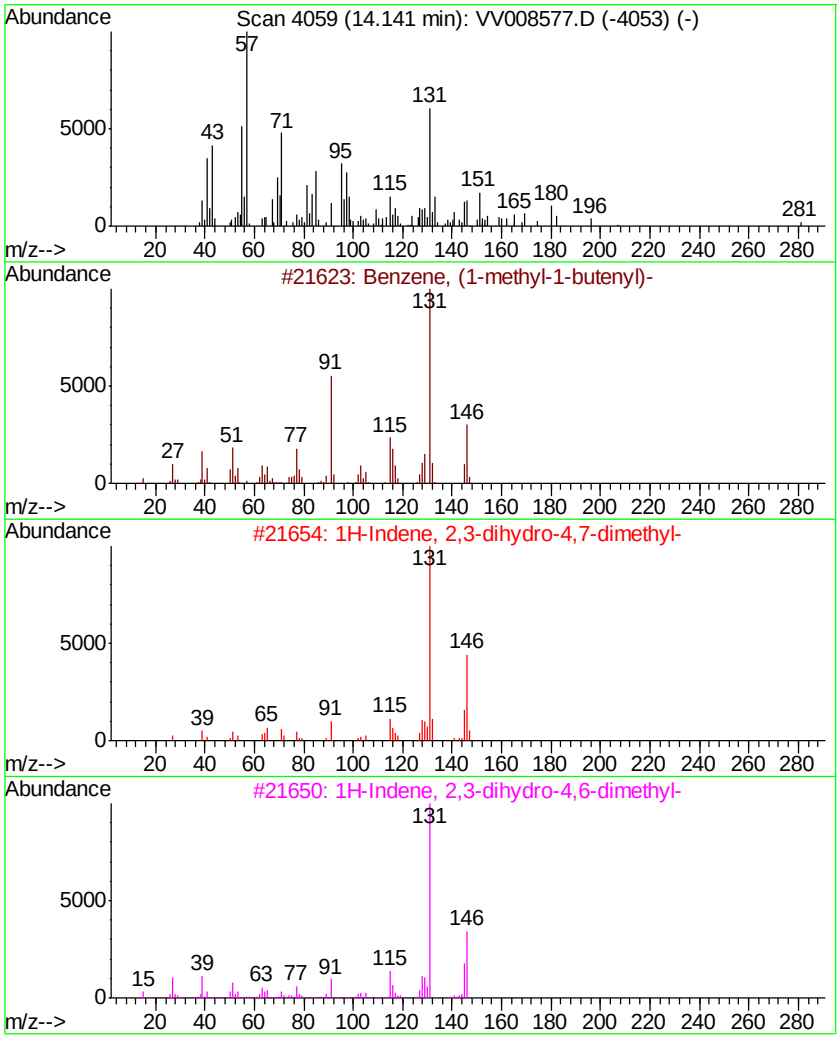
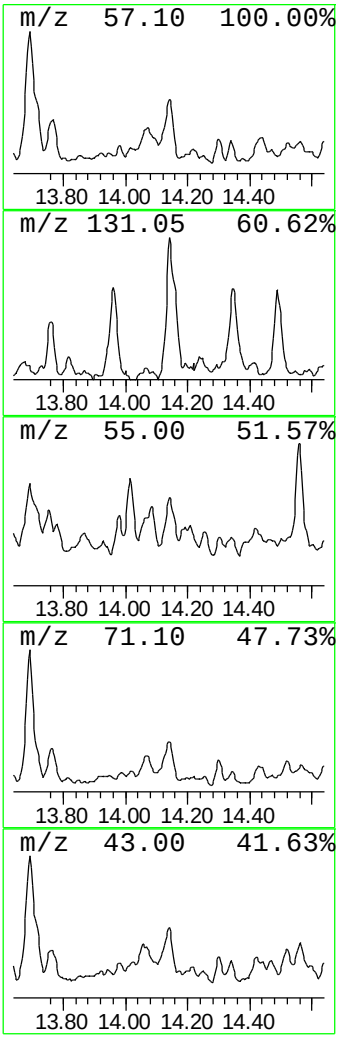
Peak Number 69 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	8.34 ug/L	129950	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	20
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	20
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	20





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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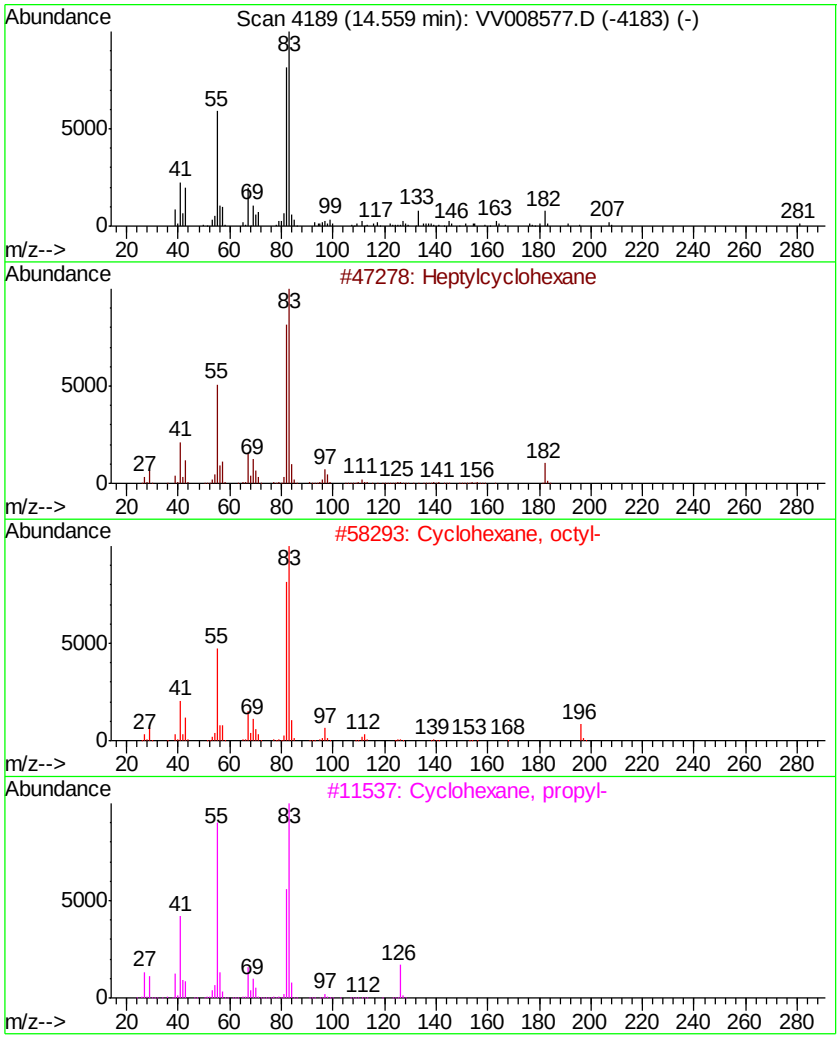
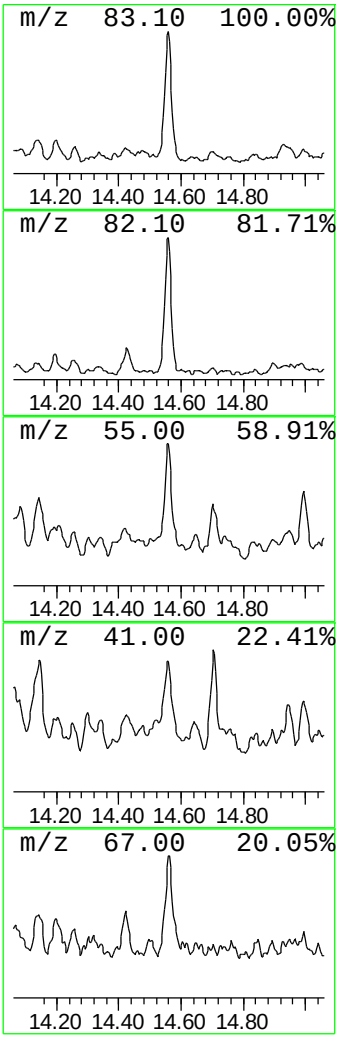
Peak Number 70 (DEL) Alkane: Cyclic14.56 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.65 ug/L	103673	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	87
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Heptylcyclohexane	182	C13H26	005617-41-4	52
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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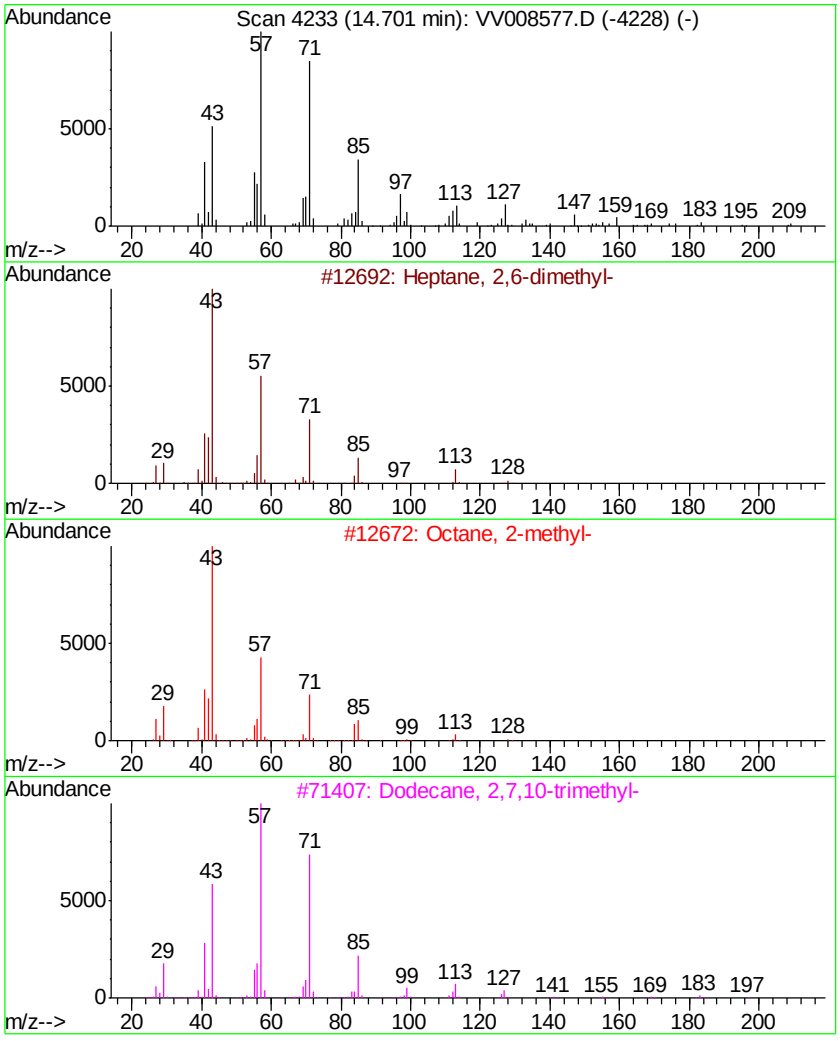
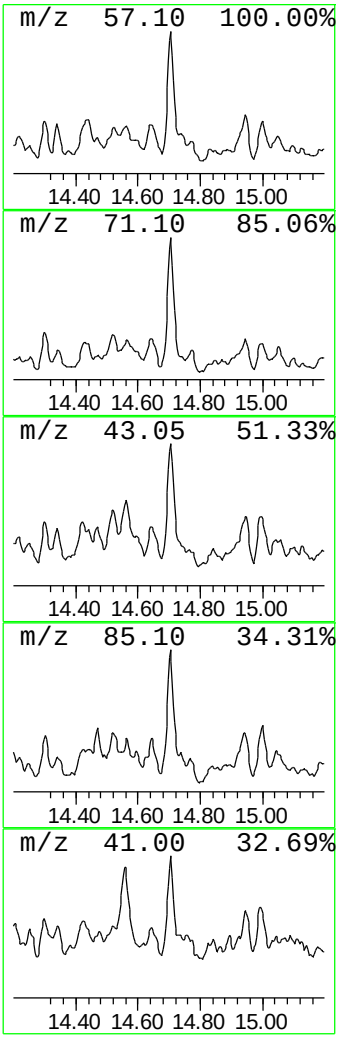
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	6.44 ug/L	100335	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

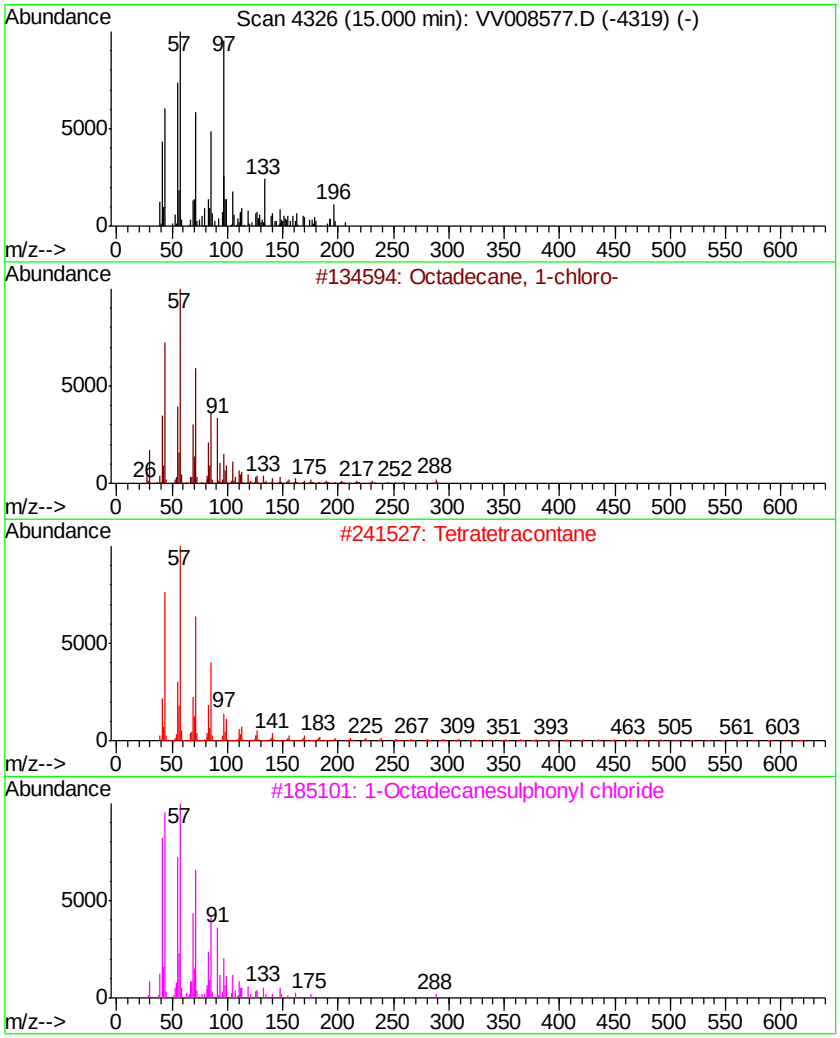
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

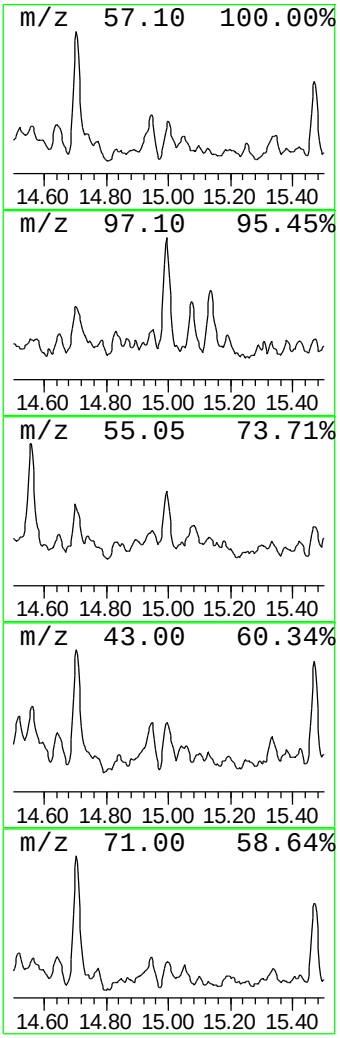
****

Peak Number 72 unknown-07 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.51 ug/L	54724	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	45
2	Tetratetracontane	619	C44H90	007098-22-8	45
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	45
4	2-methyltetracosane	352	C25H52	1000376-72-6	43
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

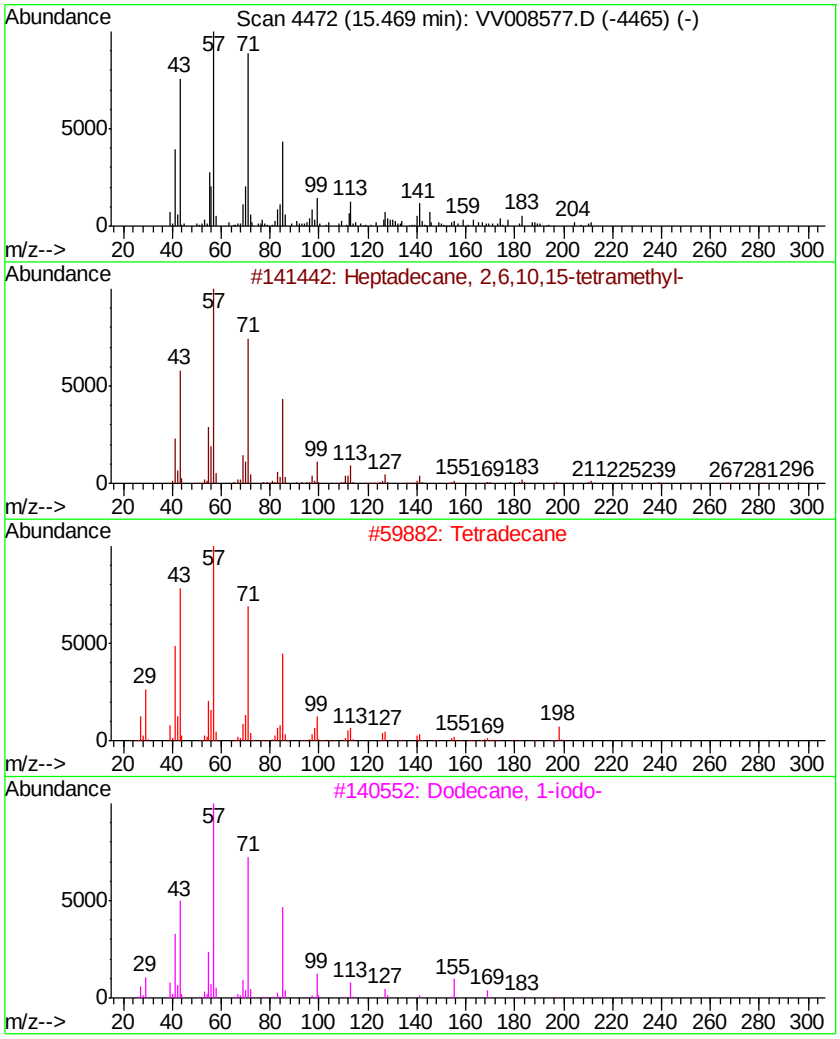
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

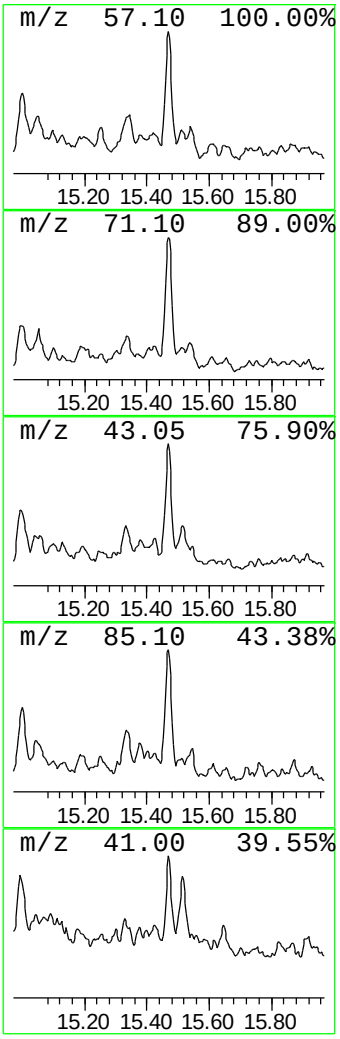
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.83 ug/L	90889	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Tetradecane	198	C14H30	000629-59-4	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis

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

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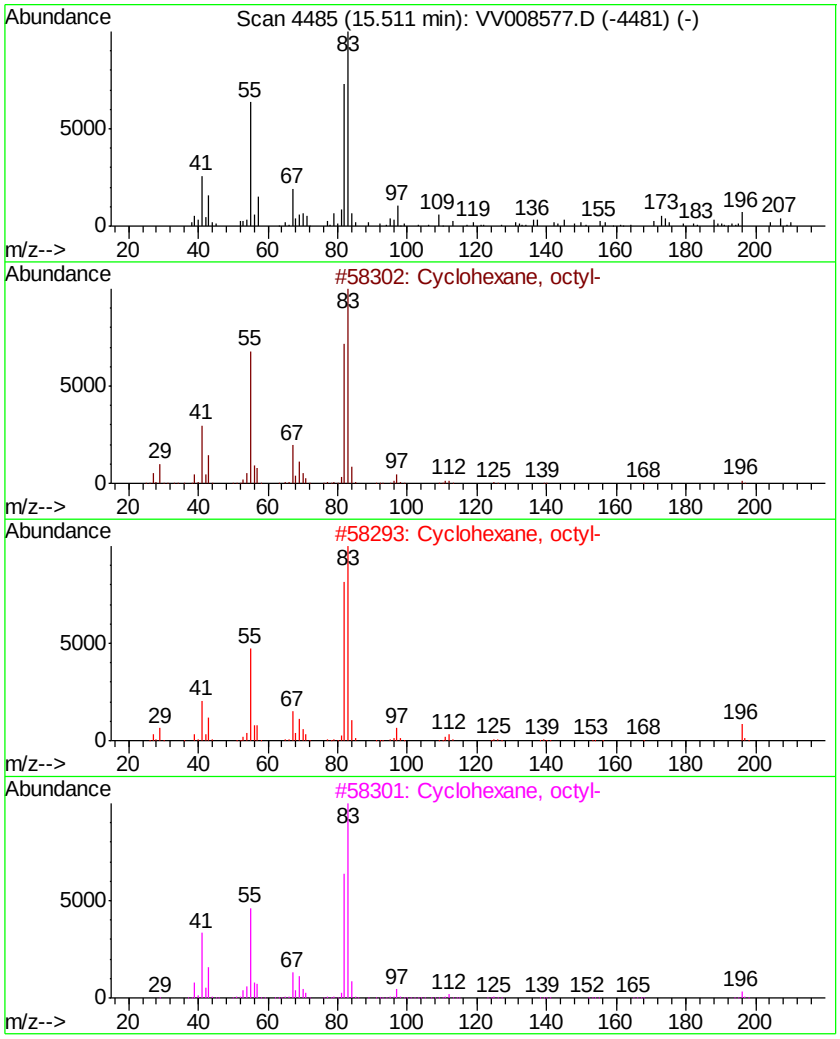
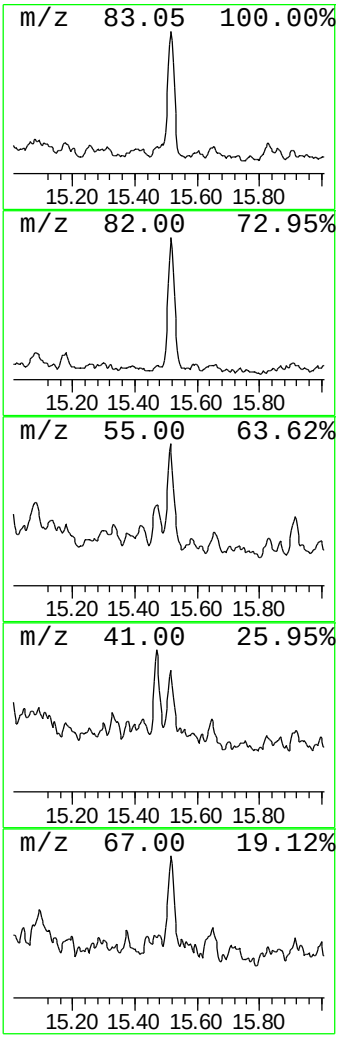
Peak Number 74 (DEL) Alkane: Cyclic15.51 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	4.67 ug/L	72743	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	87
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	81
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	74
4	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOA7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.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...	4.95	3.1	ug/L	39633	1	5.67	644973	50.0
(DEL) Alkane: Str...	6.03	2.5	ug/L	32360	1	5.67	644973	50.0
(DEL) Alkane: Str...	6.24	4.3	ug/L	55082	1	5.67	644973	50.0
(DEL) Alkane: Str...	6.30	5.0	ug/L	64231	1	5.67	644973	50.0
(DEL) Alkane: Str...	6.50	5.4	ug/L	69788	1	5.67	644973	50.0
(DEL) Alkane: Cyc...	6.68	4.6	ug/L	58789	1	5.67	644973	50.0
(DEL) Alkane: Str...	6.88	4.1	ug/L	53264	1	5.67	644973	50.0
(DEL) Alkane: Str...	7.16	5.2	ug/L	67026	1	5.67	644973	50.0
(DEL) Alkane: Cyc...	7.31	21.4	ug/L	334570	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	7.49	7.3	ug/L	113714	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	7.83	8.0	ug/L	125413	2	8.90	780540	50.0
(DEL) Alkane: Str...	7.95	6.0	ug/L	94358	2	8.90	780540	50.0
(DEL) Alkane: Str...	8.02	6.8	ug/L	105589	2	8.90	780540	50.0
(DEL) Alkane: Str...	8.25	25.5	ug/L	397749	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	8.33	12.0	ug/L	187733	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	8.40	12.1	ug/L	189255	2	8.90	780540	50.0
(DEL) Alkane: Str...	8.61	6.2	ug/L	96492	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	8.64	19.2	ug/L	300200	2	8.90	780540	50.0
(DEL) Alkane: Str...	8.70	7.5	ug/L	116965	2	8.90	780540	50.0
(DEL) Alkane: Str...	8.83	8.4	ug/L	130528	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	9.05	5.6	ug/L	87491	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	9.24	11.6	ug/L	181474	2	8.90	780540	50.0
unknown-01	9.36	4.7	ug/L	72631	2	8.90	780540	50.0
(DEL) Alkane: Str...	9.46	3.8	ug/L	59982	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	9.52	31.1	ug/L	485670	2	8.90	780540	50.0
(DEL) Alkane: Str...	9.62	15.1	ug/L	235167	2	8.90	780540	50.0
4H-Imidazol-4-one...	9.68	5.8	ug/L	90914	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	9.72	5.6	ug/L	86893	2	8.90	780540	50.0
(DEL) Alkane: Str...	9.76	24.7	ug/L	385210	2	8.90	780540	50.0
(DEL) Alkane: Cyc...	9.85	31.0	ug/L	483979	2	8.90	780540	50.0
(DEL) Alkane: Str...	9.89	10.1	ug/L	157069	2	8.90	780540	50.0
(DEL) Alkane: Str...	10.06	10.1	ug/L	157961	2	8.90	780540	50.0
(DEL) Alkane: Str...	10.13	19.3	ug/L	301036	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	10.34	3.3	ug/L	50788	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	10.44	5.6	ug/L	87870	3	11.30	779388	50.0
trans-4-Methylcyc...	10.50	7.5	ug/L	116102	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	10.56	13.5	ug/L	210687	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	10.61	10.3	ug/L	159811	3	11.30	779388	50.0
cis-2-Oxabicyclo[...	10.77	3.4	ug/L	52474	3	11.30	779388	50.0
(DEL) Alkane: Str...	10.82	8.4	ug/L	130440	3	11.30	779388	50.0
(DEL) Alkane: Str...	10.88	5.9	ug/L	92067	3	11.30	779388	50.0
(DEL) Alkane: Str...	10.92	23.0	ug/L	359104	3	11.30	779388	50.0
Mesitylene	10.96	6.2	ug/L	96735	3	11.30	779388	50.0
(DEL) Alkane: Str...	11.08	12.5	ug/L	195371	3	11.30	779388	50.0
(DEL) Alkane: Str...	11.14	7.7	ug/L	119705	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	11.20	15.5	ug/L	241698	3	11.30	779388	50.0
(DEL) Alkane: Str...	11.38	6.3	ug/L	98361	3	11.30	779388	50.0
(DEL) Alkane: Str...	11.47	3.4	ug/L	52983	3	11.30	779388	50.0
(DEL) Alkane: Str...	11.51	6.8	ug/L	105927	3	11.30	779388	50.0

Benzene, 1,2-diet...	11.60	5.4	ug/L	84518	3	11.30	779388	50.0
Oxalic acid, cycl...	11.82	5.0	ug/L	77553	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	11.99	19.1	ug/L	297229	3	11.30	779388	50.0
(DEL) Alkane: Str...	12.04	16.1	ug/L	250759	3	11.30	779388	50.0
(DEL) Alkane: Str...	12.17	10.1	ug/L	156868	3	11.30	779388	50.0
trans-Decalin, 2-...	12.31	18.1	ug/L	282831	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	12.42	19.8	ug/L	308287	3	11.30	779388	50.0
Benzene, 1,2,4,5-...	12.52	18.6	ug/L	289871	3	11.30	779388	50.0
unknown-02	12.60	5.1	ug/L	79899	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	12.69	6.5	ug/L	100754	3	11.30	779388	50.0
unknown-03	12.85	3.5	ug/L	54017	3	11.30	779388	50.0
unknown-04	12.93	7.4	ug/L	115800	3	11.30	779388	50.0
(DEL) Alkane: Str...	13.09	16.7	ug/L	260645	3	11.30	779388	50.0
unknown-05	13.26	2.8	ug/L	44010	3	11.30	779388	50.0
Benzene, 1-ethyl-...	13.32	3.5	ug/L	54654	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	13.53	12.0	ug/L	187498	3	11.30	779388	50.0
3,5-Octadiene, 4,...	13.59	4.4	ug/L	68974	3	11.30	779388	50.0
(DEL) Alkane: Str...	13.69	13.1	ug/L	204759	3	11.30	779388	50.0
unknown-06	14.14	8.3	ug/L	129950	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	14.56	6.7	ug/L	103673	3	11.30	779388	50.0
(DEL) Alkane: Str...	14.70	6.4	ug/L	100335	3	11.30	779388	50.0
unknown-07	15.00	3.5	ug/L	54724	3	11.30	779388	50.0
(DEL) Alkane: Str...	15.47	5.8	ug/L	90889	3	11.30	779388	50.0
(DEL) Alkane: Cyc...	15.51	4.7	ug/L	72743	3	11.30	779388	50.0

Instrument :
MSVOA_V
ClientSampleId :
ETOA7ME