LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

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\SOMVLM082218WMA.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	1.029	27	43	66	rBV	5765226	7369572	4.40%	2.705%
2	1.115	67	70	92	rVB2	45024	91793	0.05%	0.034%
3	1.221	99	103	108	rBV	14994	12489	0.01%	0.005%
4	1.250	109	112	121	rVB	14969	14232	0.01%	0.005%
5	1.318	124	133	178	rBV3	43509717	68325216	40.76%	25.079%
6	1.565	204	210	229	rVB	204927	304790	0.18%	0.112%
7	1.813	279	287	298	rVB	353842	453827	0.27%	0.167%
8	1.993	338	343	350	rVB2	15502	18749	0.01%	0.007%
9	2.070	359	367	373	rVV	27307	38711	0.02%	0.014%
10	2.131	373	386	398	rVV4	627807	1152942	0.69%	0.423%
11	2.196	399	406	412	rVV	42371	72130	0.04%	0.026%
12	2.228	413	416	432	rVB2	31953	45534	0.03%	0.017%
13	2.318	437	444	452	rBV	22122	39205	0.02%	0.014%
14	2.791	579	591	610	rBV	680829	1148511	0.69%	0.422%
15	3.067	666	677	691	rVB	97688	188184	0.11%	0.069%
16	3.231	715	728	740	rVB4	20004	52078	0.03%	0.019%
17	3.479	796	805	819	rVB8	4466	10730	0.01%	0.004%
18	3.762	878	893	912	rBV3	32033	85686	0.05%	0.031%
19	3.971	933	958	1051	rBV4	59907673	167609007	100.00%	61.522%
20	4.408	1078	1094	1119	rVB	352619	843819	0.50%	0.310%
21	5.099	1289	1309	1332	rBV2	876766	2078813	1.24%	0.763%
22	5.398	1392	1402	1406	rBV8	2523	5244	0.00%	0.002%
23	5.424	1406	1410	1414	rVV6	2199	1957	0.00%	0.001%
24	5.533	1436	1444	1453	rBV8	7996	14053	0.01%	0.005%
25	5.594	1456	1463	1471	rBV8	7731	13950	0.01%	0.005%
26	5.668	1472	1486	1510	rBV	693676	1378112	0.82%	0.506%
27	5.964	1566	1578	1592	rBV4	71862	157573	0.09%	0.058%
28	6.122	1615	1627	1655	rBV2	489303	1023472	0.61%	0.376%
29	6.340	1684	1695	1707	rBV2	199940	401595	0.24%	0.147%
30	6.636	1782	1787	1800	rVB4	11236	19986	0.01%	0.007%
31	6.726	1807	1815	1825	rVB6	4264	8528	0.01%	0.003%
32	6.806	1838	1840	1843	rBV4	1350	1074	0.00%	0.000%
33	7.035	1898	1911	1931	rBV	241595	425302	0.25%	0.156%
34	7.134	1931	1942	1954	rBV2	26928	50685	0.03%	0.019%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

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\SOMVLM082218WMA.M
Title : VOC Analysis

35	7.292	1983	1991	2000	rBV5	5559	10390	0.01%	0.004%
36	7.363	2000	2013	2027	rBV	845582	1447576	0.86%	0.531%
37	7.523	2058	2063	2071	rVB3	10881	13196	0.01%	0.005%
38	7.668	2099	2108	2120	rBV	178559	299631	0.18%	0.110%
39	7.732	2122	2128	2143	rVB6	36904	73011	0.04%	0.027%
40	7.986	2197	2207	2221	rBV2	23656	43192	0.03%	0.016%
41	8.144	2244	2256	2288	rBV	647599	1274745	0.76%	0.468%
42	8.292	2288	2302	2352	rVV	3716458	6341479	3.78%	2.328%
43	8.761	2439	2448	2459	rBV7	10949	21872	0.01%	0.008%
44	8.803	2459	2461	2465	rVB5	1755	1032	0.00%	0.000%
45	8.900	2476	2491	2518	rBV	988191	1601860	0.96%	0.588%
46	9.109	2552	2556	2557	rBV3	1799	1165	0.00%	0.000%
47	9.154	2567	2570	2573	rBV3	2051	1982	0.00%	0.001%
48	9.183	2576	2579	2589	rVB6	6628	9127	0.01%	0.003%
49	9.276	2604	2608	2612	rVV7	2027	2176	0.00%	0.001%
50	9.359	2627	2634	2643	rBV6	11328	19037	0.01%	0.007%
51	9.536	2681	2689	2701	rBV5	6640	12793	0.01%	0.005%
52	9.594	2704	2707	2718	rVB9	2454	3539	0.00%	0.001%
53	9.755	2748	2757	2763	rBV2	8317	12936	0.01%	0.005%
54	9.787	2763	2767	2769	rVV4	3855	3216	0.00%	0.001%
55	9.858	2772	2789	2832	rVV	1244143	2094384	1.25%	0.769%
56	10.266	2898	2916	2930	rBV	725172	1160849	0.69%	0.426%
57	10.404	2952	2959	2966	rBV10	2900	4898	0.00%	0.002%
58	10.465	2972	2978	2988	rVB	7800	10299	0.01%	0.004%
59	10.520	2992	2995	3001	rVB7	1835	2045	0.00%	0.001%
60	10.575	3003	3012	3019	rBV2	14016	21568	0.01%	0.008%
61	10.613	3019	3024	3025	rBV5	3520	2849	0.00%	0.001%
62	10.726	3051	3059	3060	rBV6	1776	1836	0.00%	0.001%
63	10.764	3063	3071	3076	rVV2	21509	30462	0.02%	0.011%
64	10.806	3076	3084	3104	rVV2	111005	228200	0.14%	0.084%
65	10.903	3105	3114	3122	rVV	55739	97081	0.06%	0.036%
66	10.957	3123	3131	3150	rVB2	40968	97376	0.06%	0.036%
67	11.089	3165	3172	3179	rBV4	10041	13887	0.01%	0.005%
68	11.141	3180	3188	3198	rVV6	11198	26653	0.02%	0.010%
69	11.202	3199	3207	3225	rVV4	46513	84097	0.05%	0.031%
70	11.301	3225	3238	3263	rVB	770863	1229171	0.73%	0.451%
71	11.398	3265	3268	3271	rBV5	2105	1570	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

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\SOMVLM082218WMA.M
Title : VOC Analysis

72	11.536	3301	3311	3318	rBV8	8173	17249	0.01%	0.006%
73	11.591	3319	3328	3343	rVB3	29388	57055	0.03%	0.021%
74	11.678	3343	3355	3379	rBV	682849	1100004	0.66%	0.404%
75	11.777	3380	3386	3397	rVB5	13280	22913	0.01%	0.008%
76	11.851	3398	3409	3411	rBV3	13465	19922	0.01%	0.007%
77	11.970	3441	3446	3449	rBV6	1929	1969	0.00%	0.001%
78	11.986	3449	3451	3455	rVB5	1424	1002	0.00%	0.000%
79	12.057	3462	3473	3489	rBV2	239807	449806	0.27%	0.165%
80	12.314	3538	3553	3568	rBV10	25527	65049	0.04%	0.024%
81	12.398	3571	3579	3593	rVB3	33076	56769	0.03%	0.021%
82	12.616	3644	3647	3651	rVB5	1795	1306	0.00%	0.000%
83	12.797	3695	3703	3713	rBV7	8007	12553	0.01%	0.005%
84	12.874	3723	3727	3730	rBV3	1069	1118	0.00%	0.000%
85	12.928	3736	3744	3751	rBV6	4990	7793	0.00%	0.003%
86	12.996	3757	3765	3774	rBV9	15812	26714	0.02%	0.010%
87	13.076	3783	3790	3795	rBV10	2472	3369	0.00%	0.001%
88	13.189	3806	3825	3847	rBV2	414726	739975	0.44%	0.272%
89	13.542	3931	3935	3936	rBV5	1211	1019	0.00%	0.000%
90	13.636	3960	3964	3965	rBV3	1628	1278	0.00%	0.000%
91	13.745	3995	3998	4006	rVB7	1710	1866	0.00%	0.001%
92	13.861	4029	4034	4045	rVB9	6454	11450	0.01%	0.004%
93	13.912	4045	4050	4052	rBV6	1089	1108	0.00%	0.000%
94	13.951	4056	4062	4072	rVB6	4606	6604	0.00%	0.002%
95	14.234	4137	4150	4159	rBV4	34353	56779	0.03%	0.021%
96	14.542	4242	4246	4248	rBV3	1563	1301	0.00%	0.000%
97	14.800	4324	4326	4332	rVB8	1239	1198	0.00%	0.000%
98	14.867	4337	4347	4350	rBV10	4960	8225	0.00%	0.003%
99	15.494	4540	4542	4547	rBV5	1923	1680	0.00%	0.001%
100	16.073	4720	4722	4727	rBV6	2991	2486	0.00%	0.001%

Sum of corrected areas: 272438289

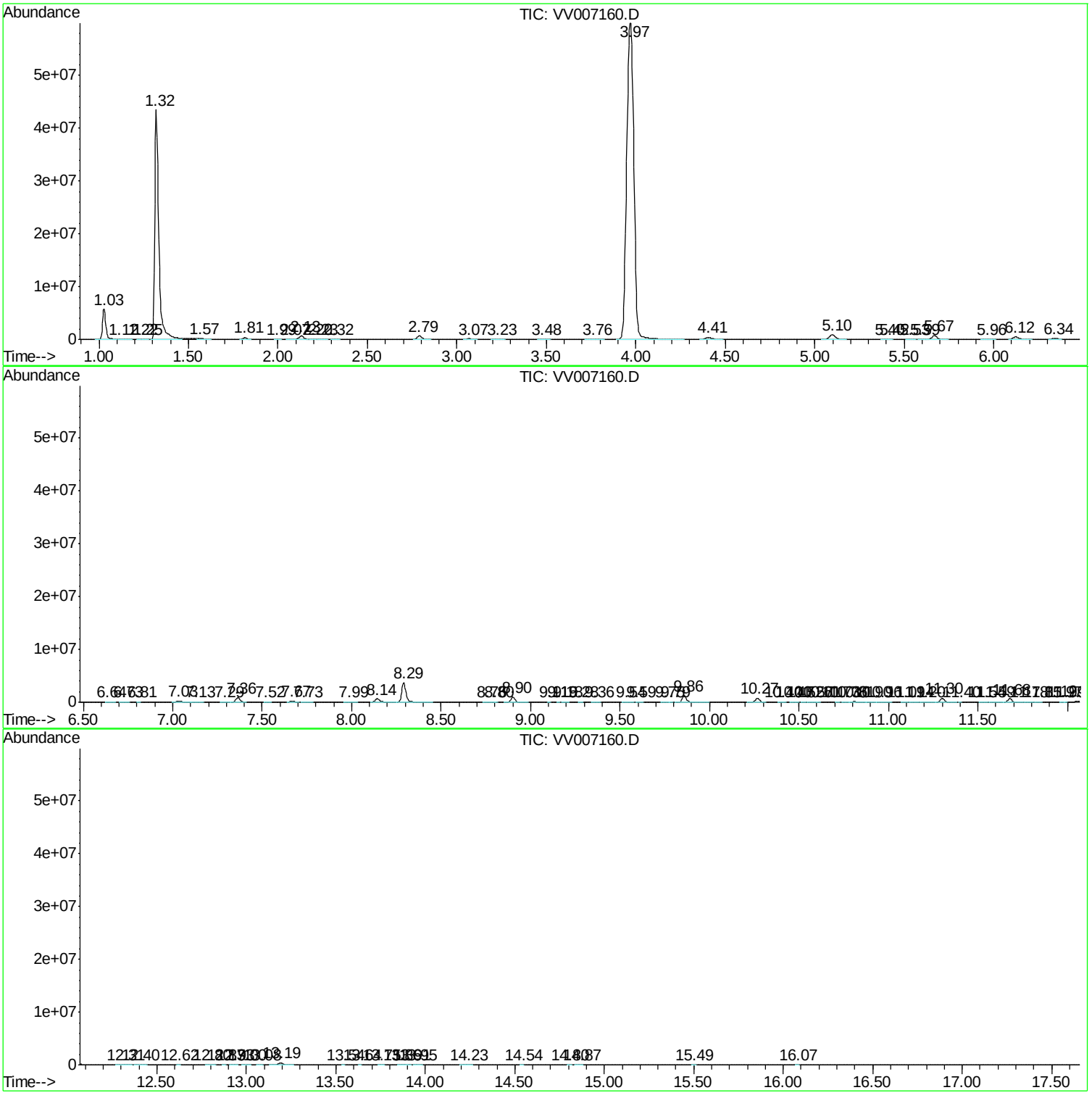
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.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\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

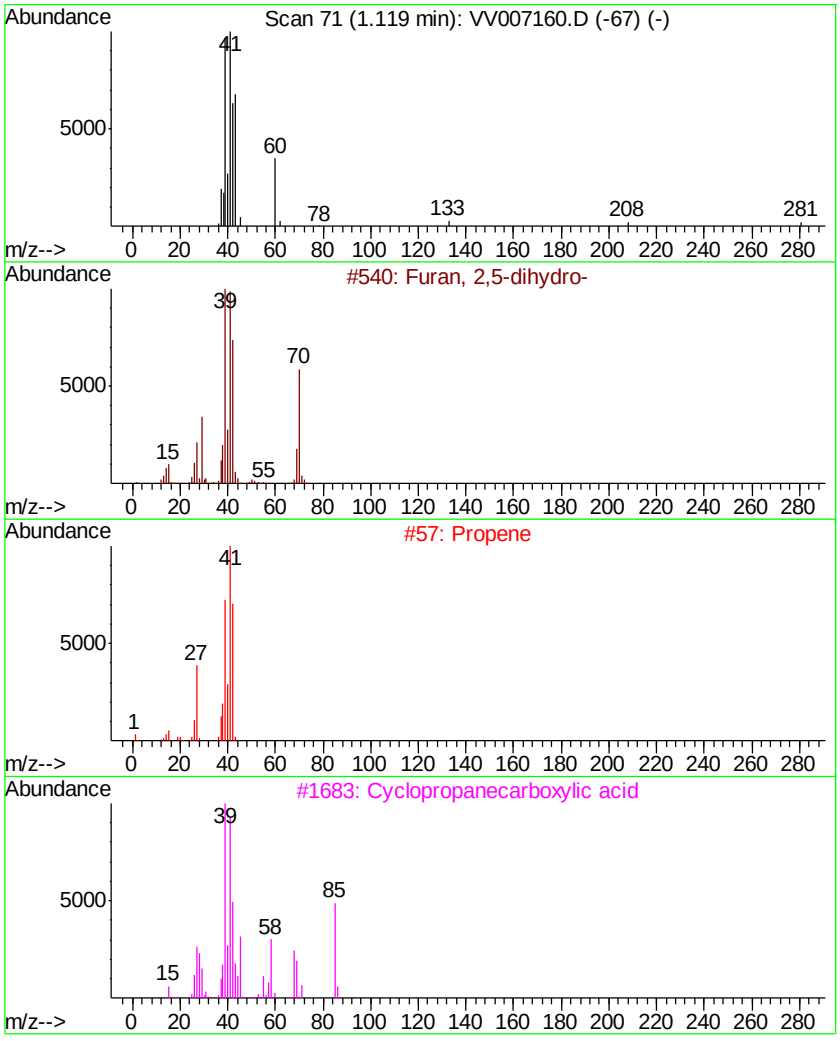
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

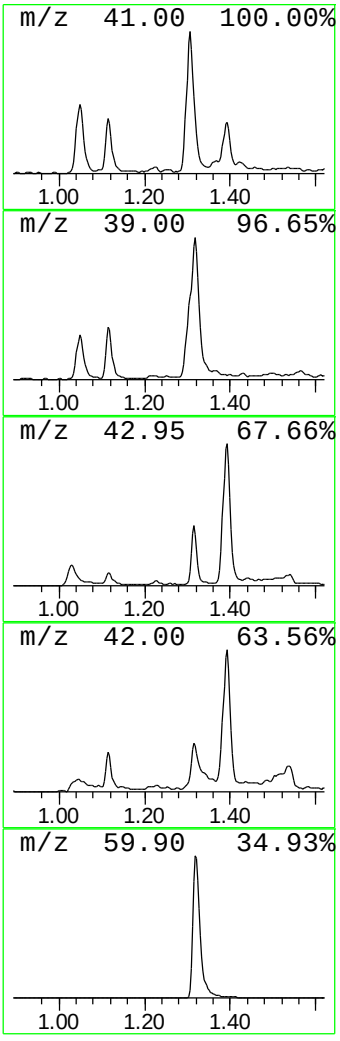
****

Peak Number 2 Furan, 2,5-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	3.33 ug/L	91793	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
2	Propene	42	C3H6	000115-07-1	83
3	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	74
4	3-Butenoic acid	86	C4H6O2	000625-38-7	64
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

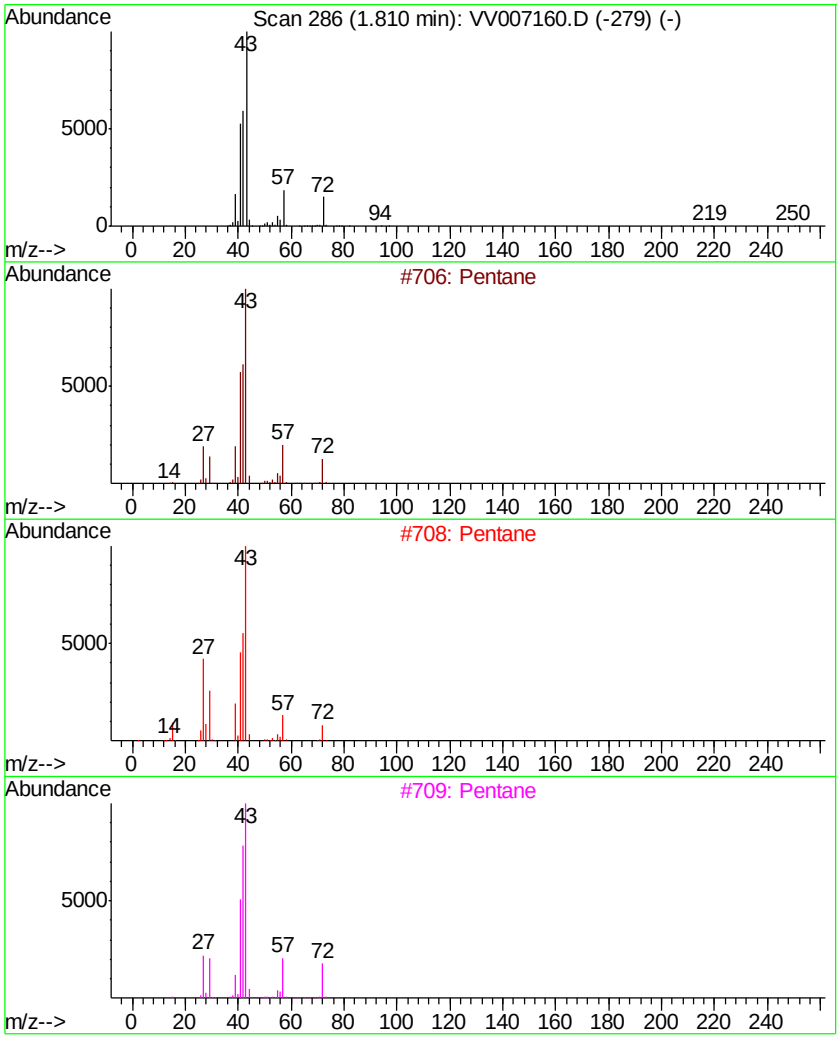
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

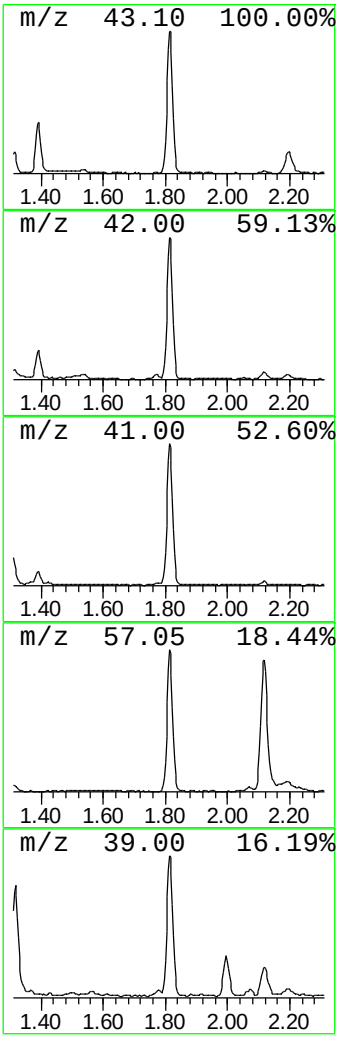
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	16.47 ug/L	453827	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Butane, 2-methyl-	72	C5H12	000078-78-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

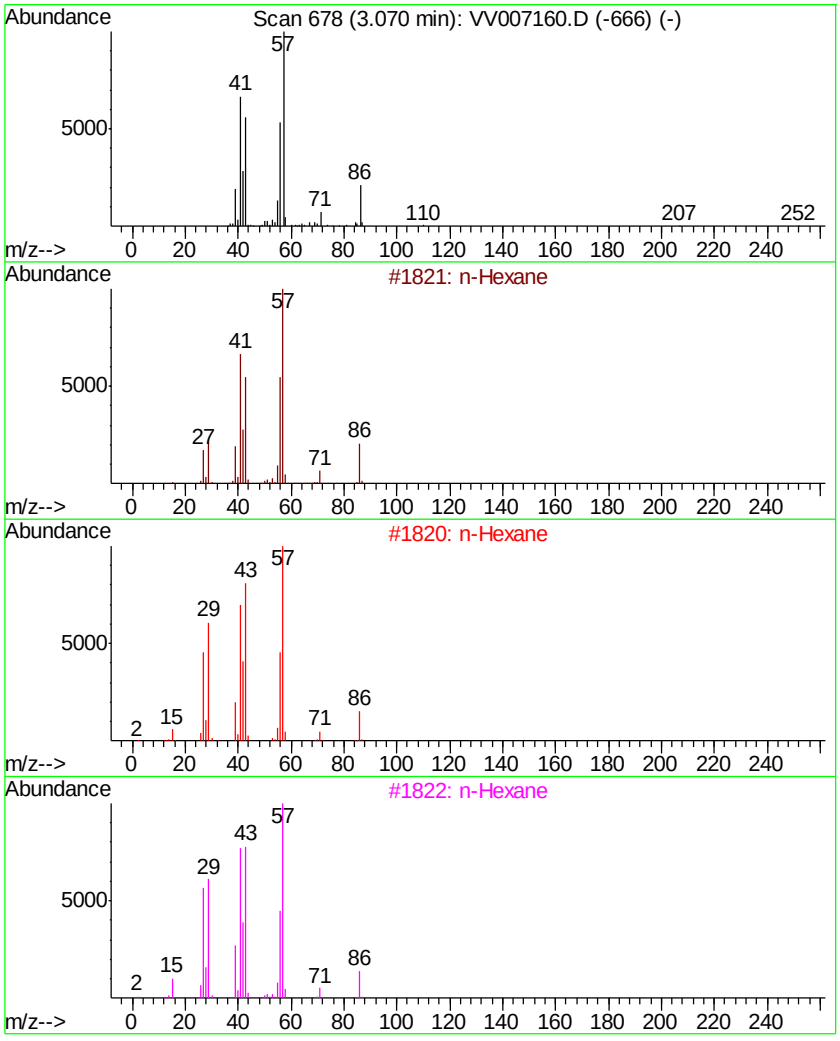
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

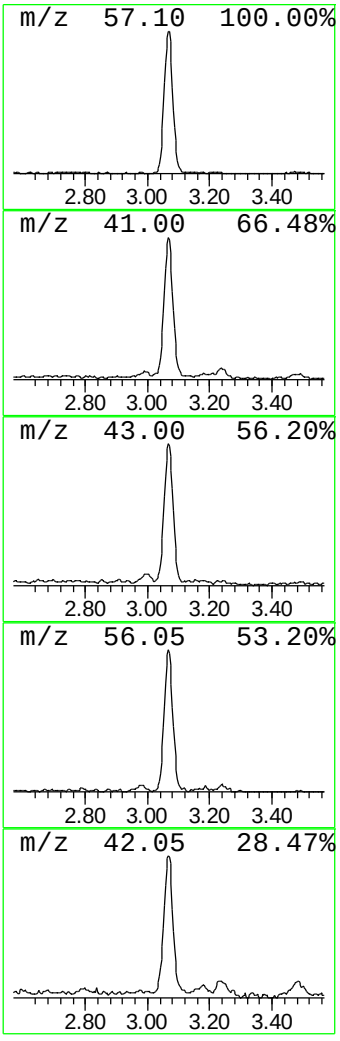
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	6.83 ug/L	188184	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	64
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	49
5	1-Butanol	74	C4H10O	000071-36-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

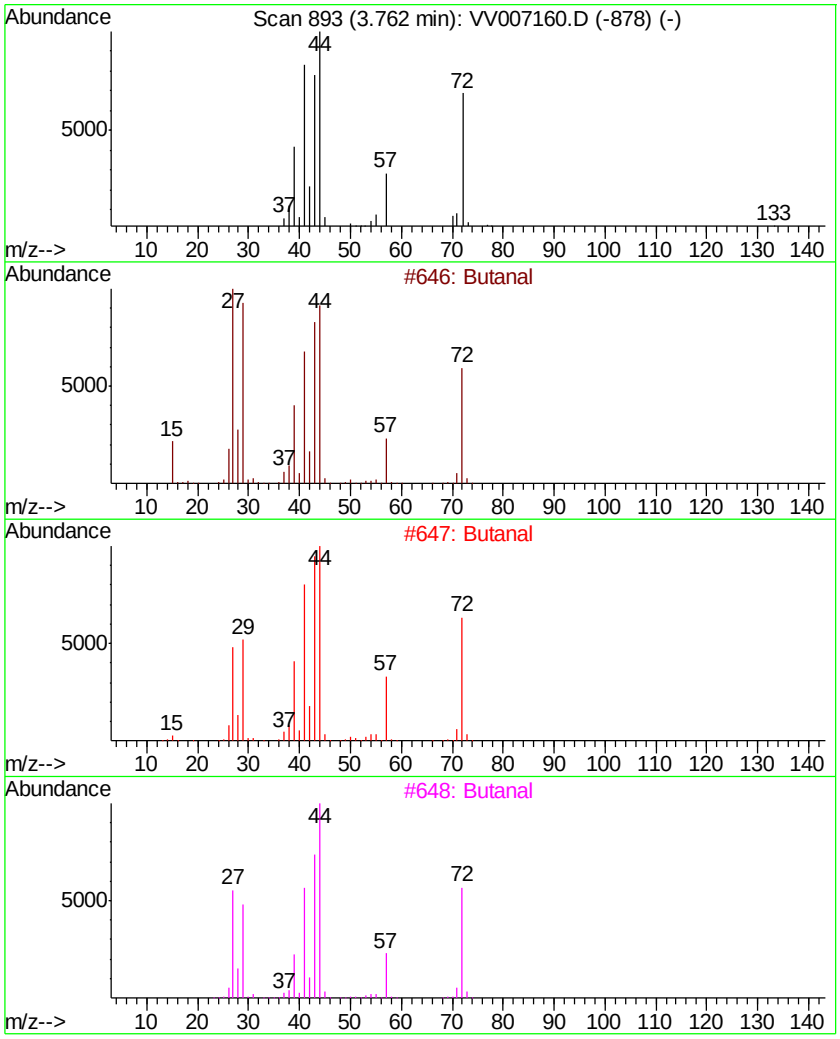
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

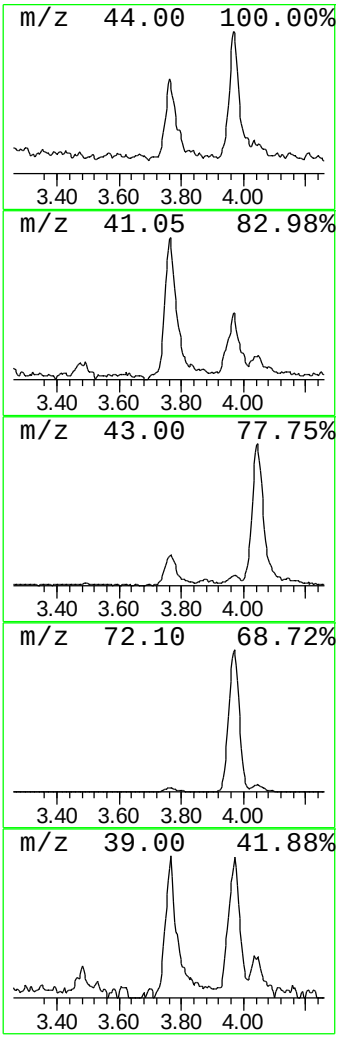
****

Peak Number 5 Butanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	3.11 ug/L	85686	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	64
4	Butanal	72	C4H8O	000123-72-8	53
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

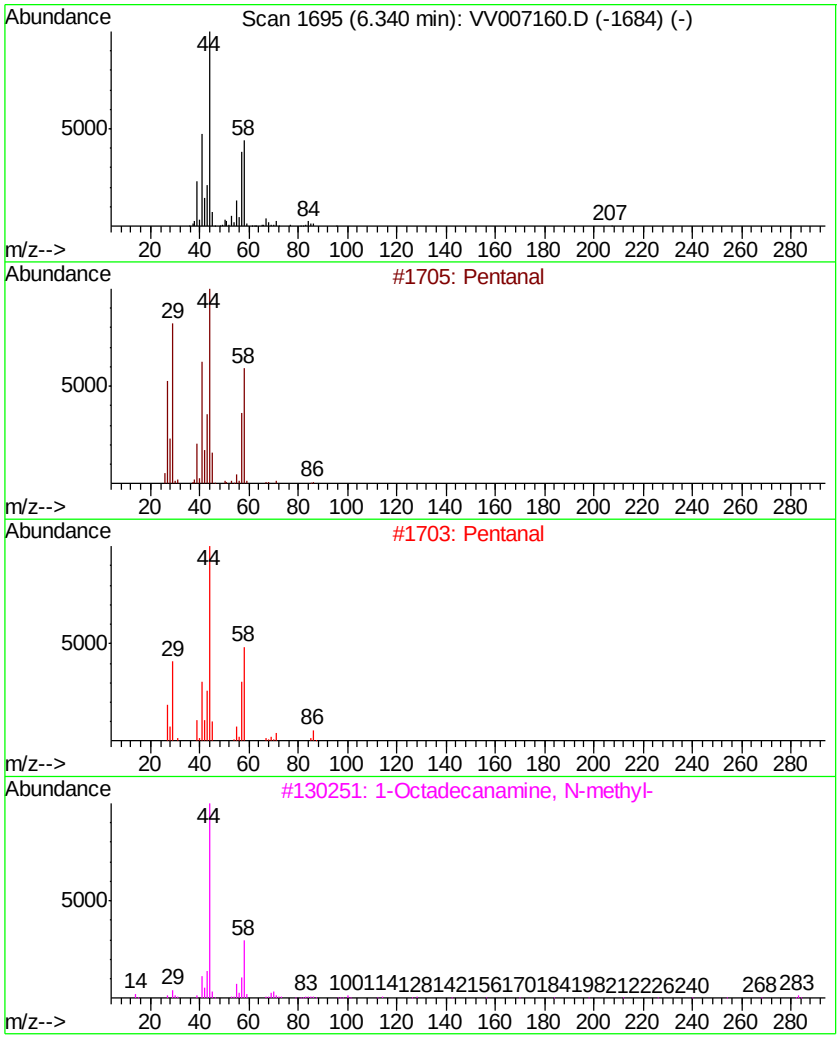
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

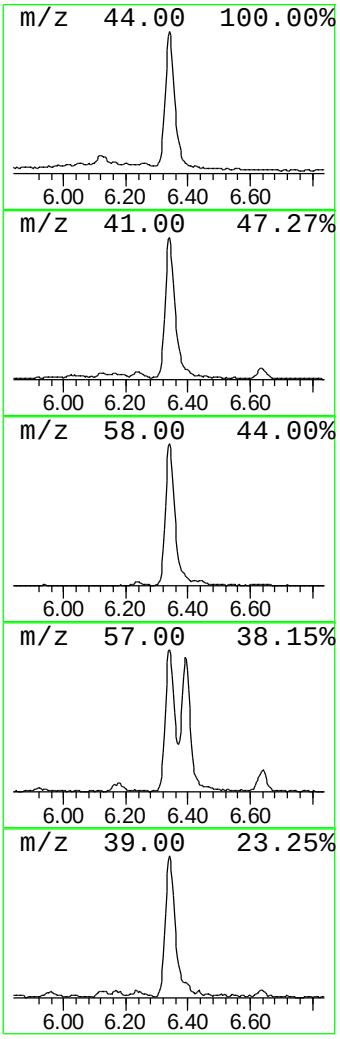
****

Peak Number 6 Pentanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	14.57 ug/L	401595	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	86
2	Pentanal	86	C5H10O	000110-62-3	43
3	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	40
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	38
5	Pentanal	86	C5H10O	000110-62-3	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

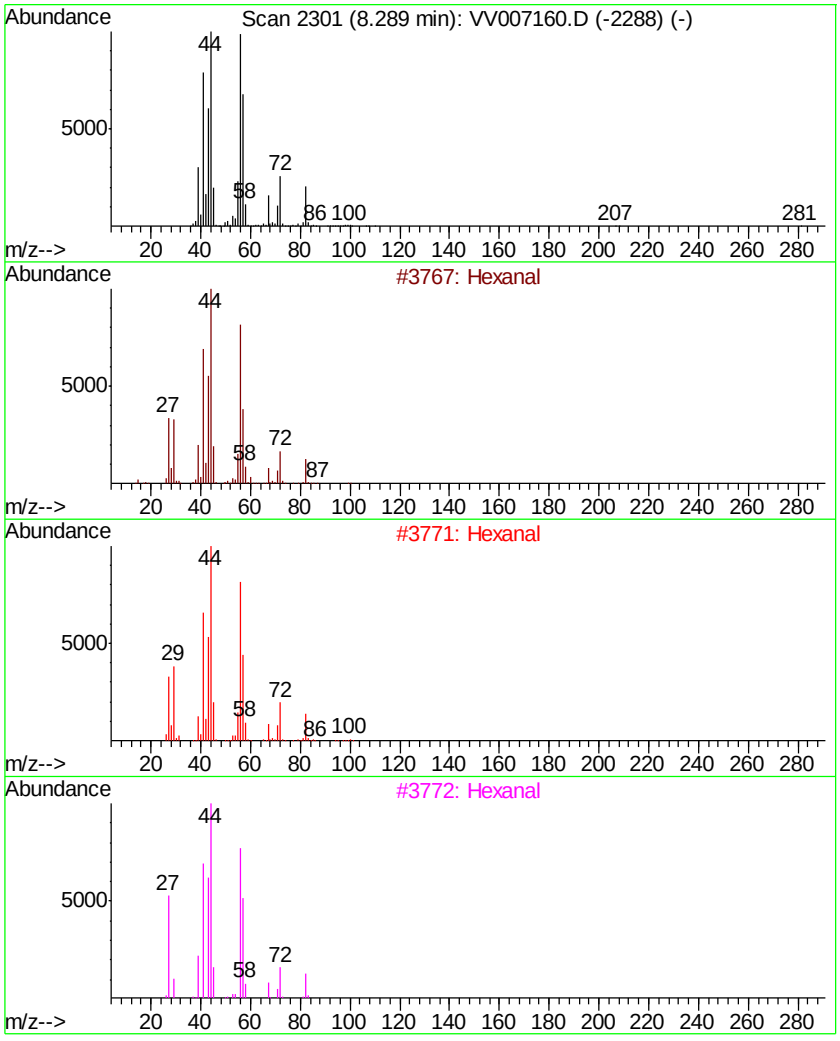
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

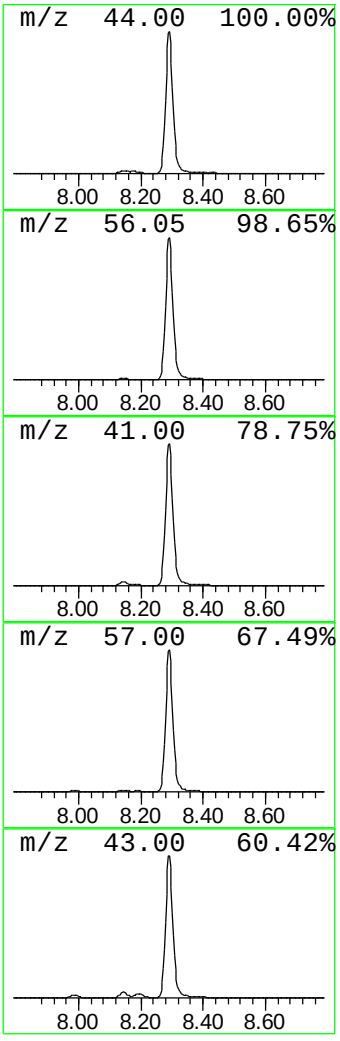
****

Peak Number 8 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	197.94 ug/L	6341480	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	91
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	86
4	Hexanal	100	C6H12O	000066-25-1	83
5	Glutaraldehyde	100	C5H8O2	000111-30-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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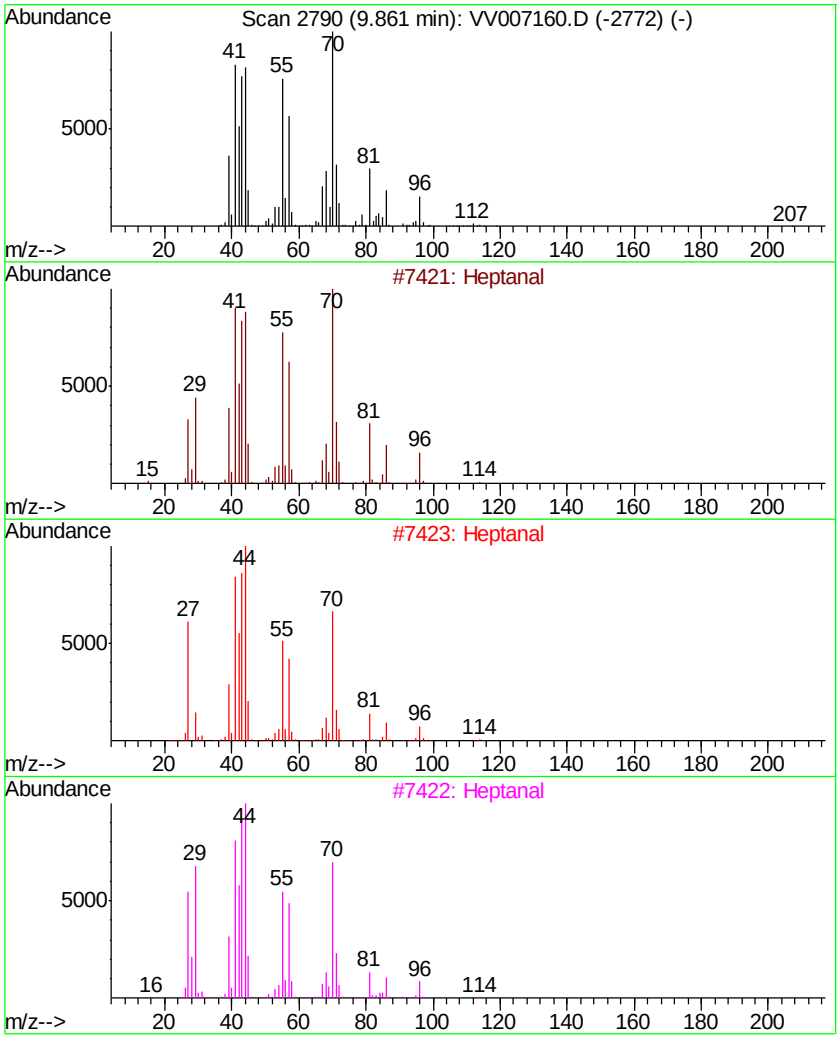
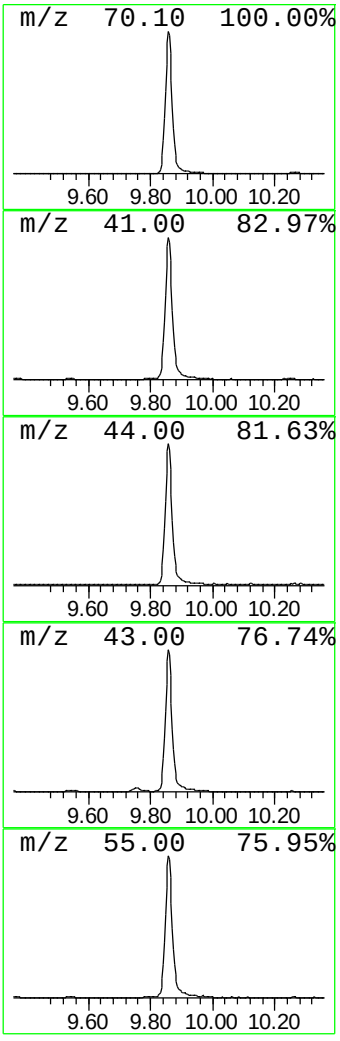
Peak Number 9 Heptanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	65.37 ug/L	2094380	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	96
2	Heptanal	114	C7H14O	000111-71-7	93
3	Heptanal	114	C7H14O	000111-71-7	93
4	Heptanal	114	C7H14O	000111-71-7	58
5	Heptanal	114	C7H14O	000111-71-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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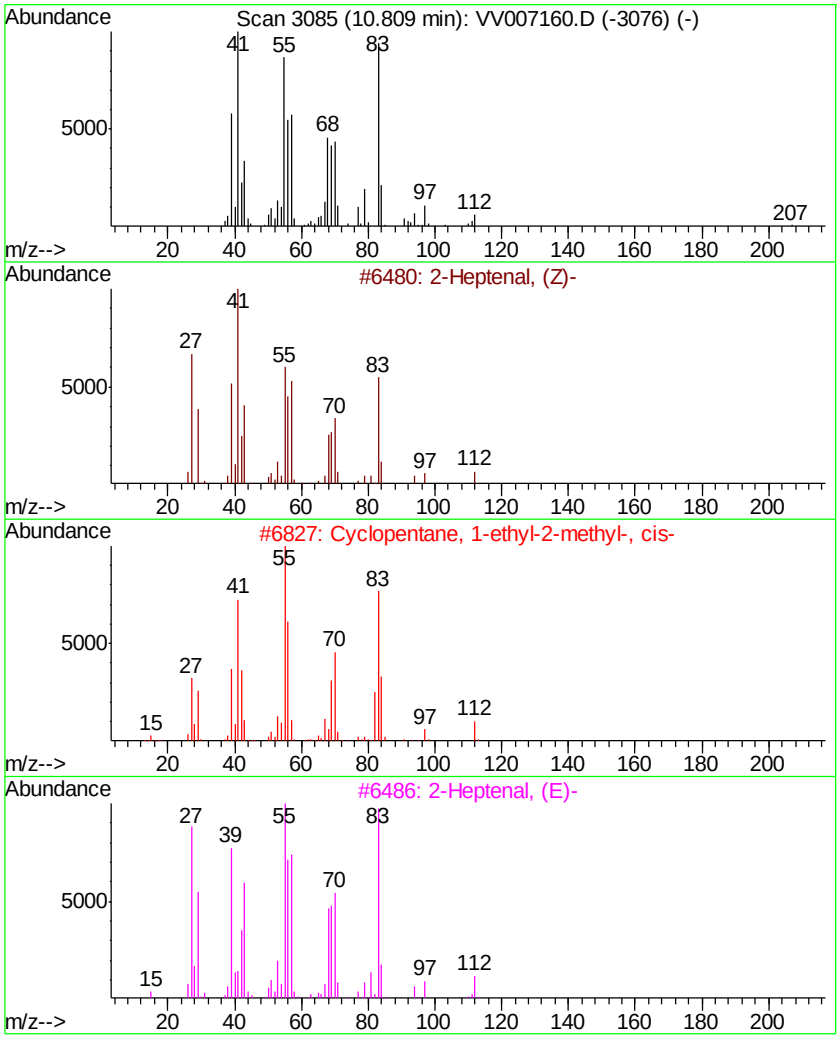
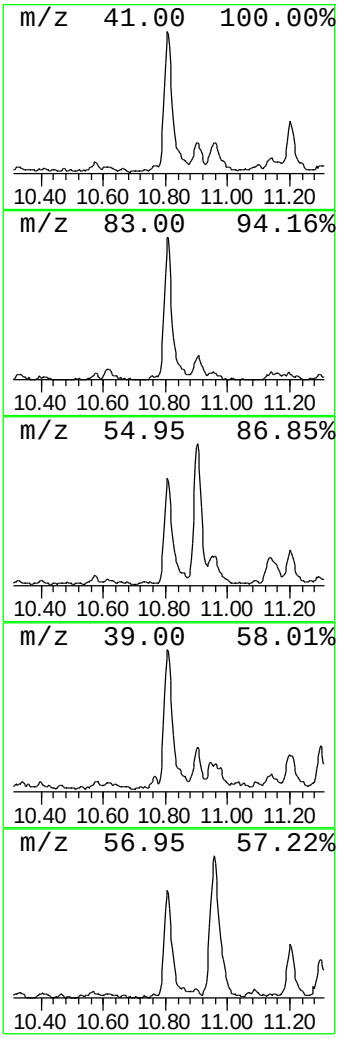
Peak Number 10 2-Heptenal, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	9.28 ug/L	228200	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	95
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
3	2-Heptenal, (E)-	112	C7H12O	018829-55-5	52
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	51
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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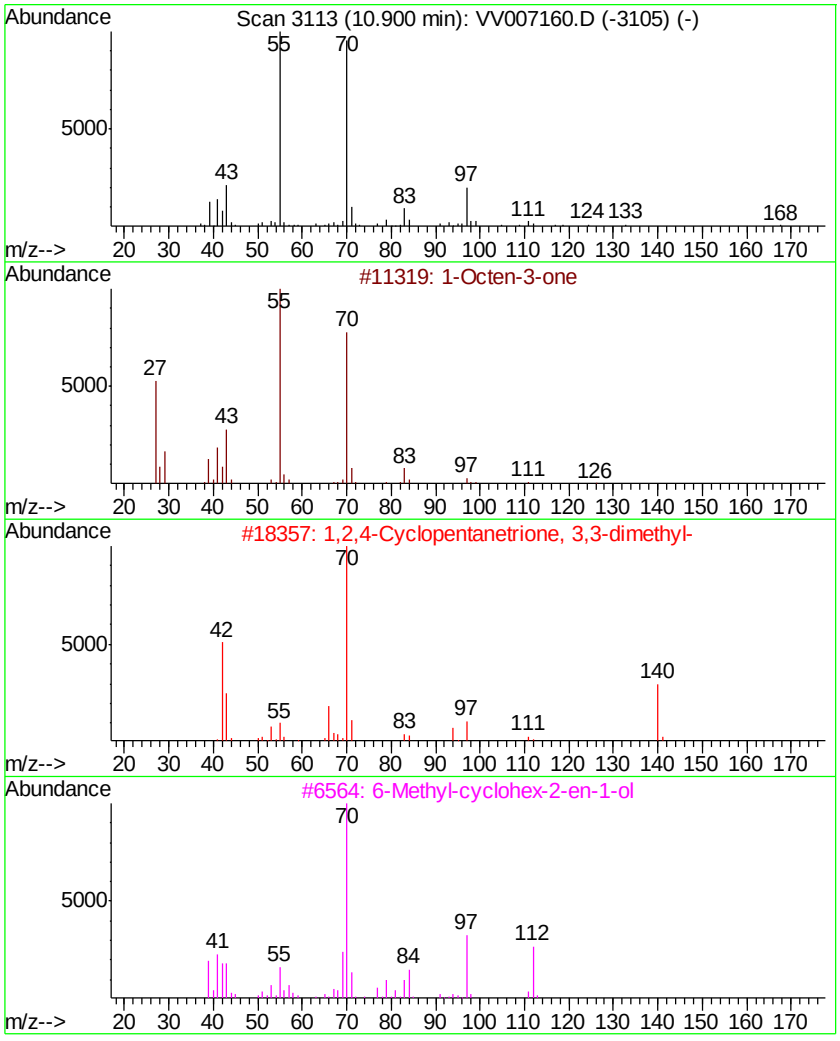
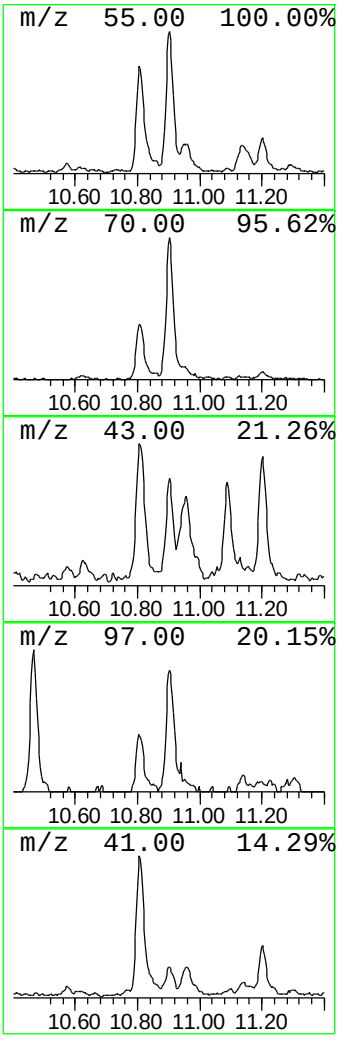
Peak Number 11 1-Octen-3-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.95 ug/L	97081	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-one	126	C8H14O	004312-99-6	64
2	1,2,4-Cyclopentanetrione, 3,3-di...	140	C7H8O3	017530-56-2	59
3	6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-3	42
4	1-Decen-3-one	154	C10H18O	056606-79-2	39
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	39





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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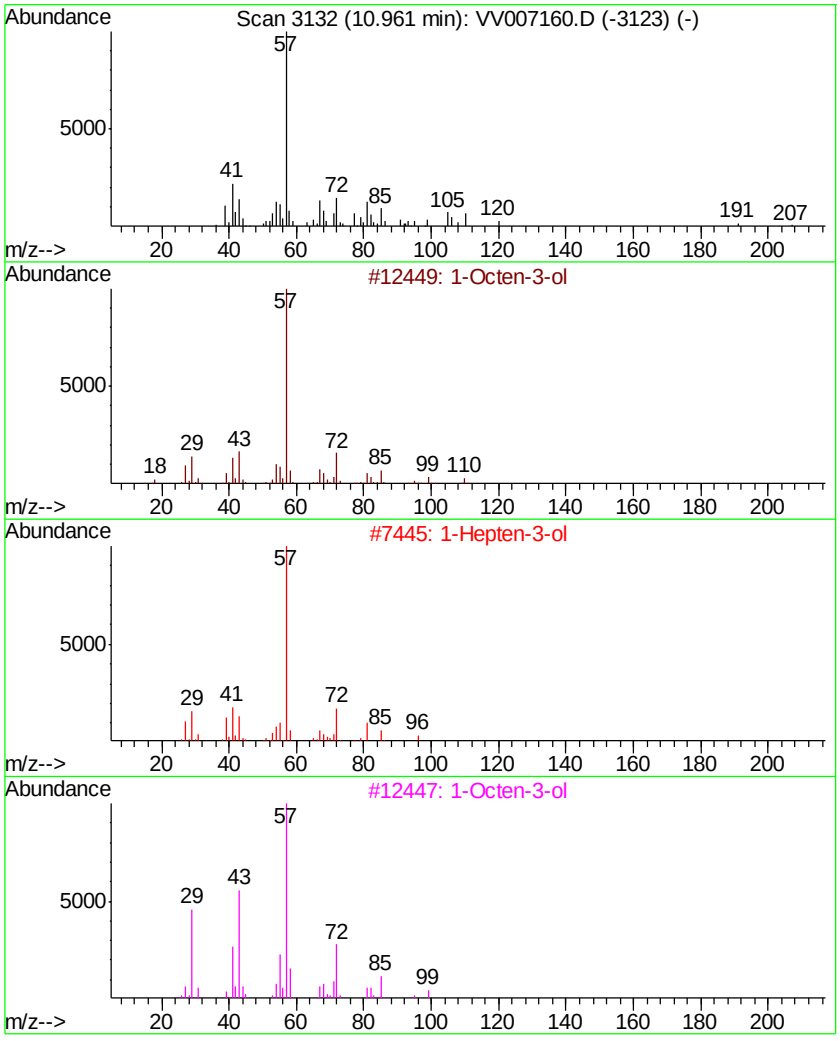
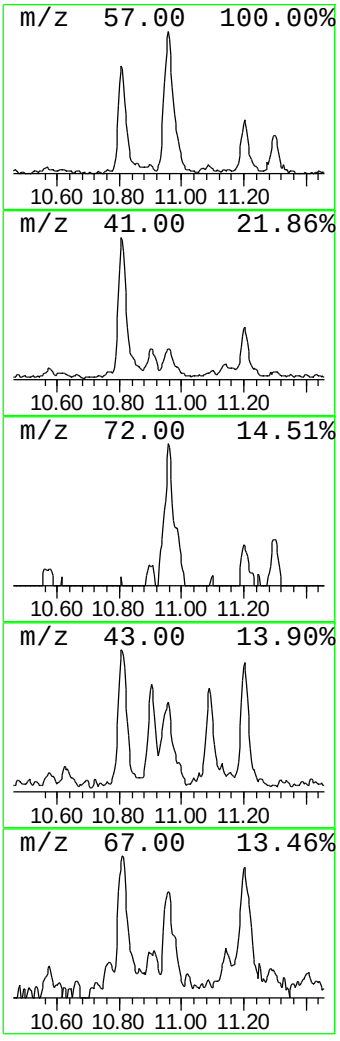
Peak Number 12 1-Octen-3-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	3.96 ug/L	97376	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-ol	128	C8H16O	003391-86-4	78
2	1-Hepten-3-ol	114	C7H14O	004938-52-7	59
3	1-Octen-3-ol	128	C8H16O	003391-86-4	53
4	1-Octen-3-ol	128	C8H16O	003391-86-4	47
5	1-Octen-3-ol	128	C8H16O	003391-86-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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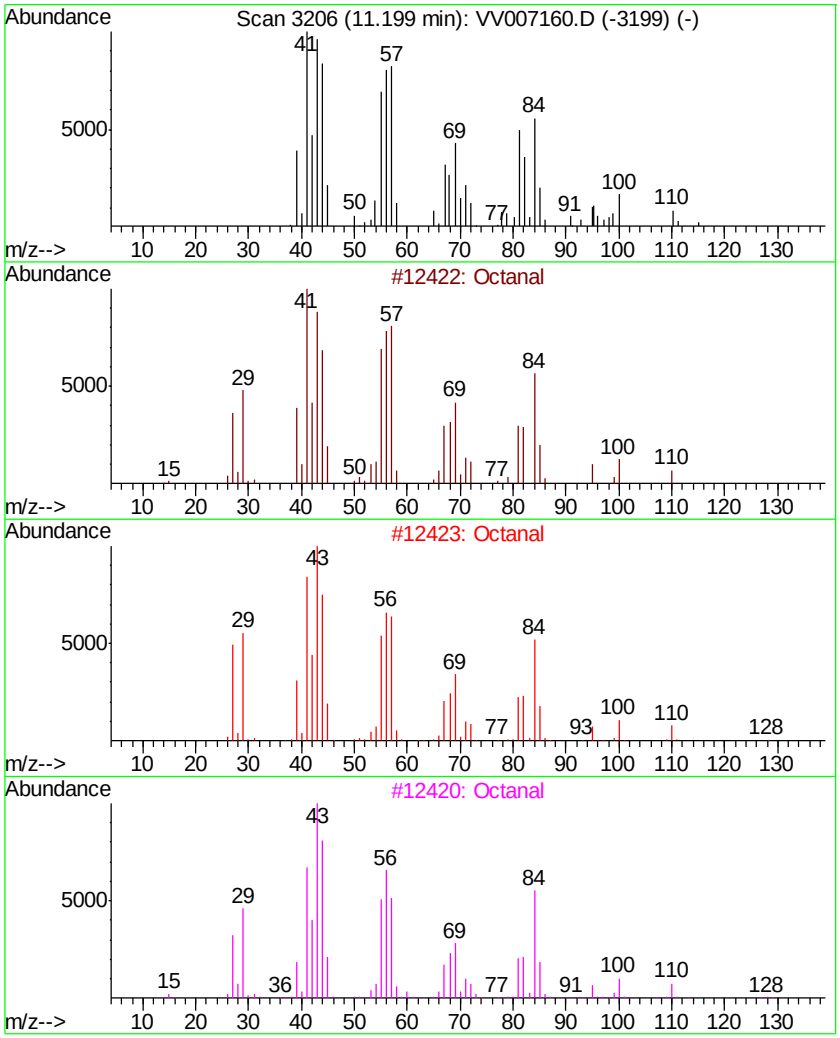
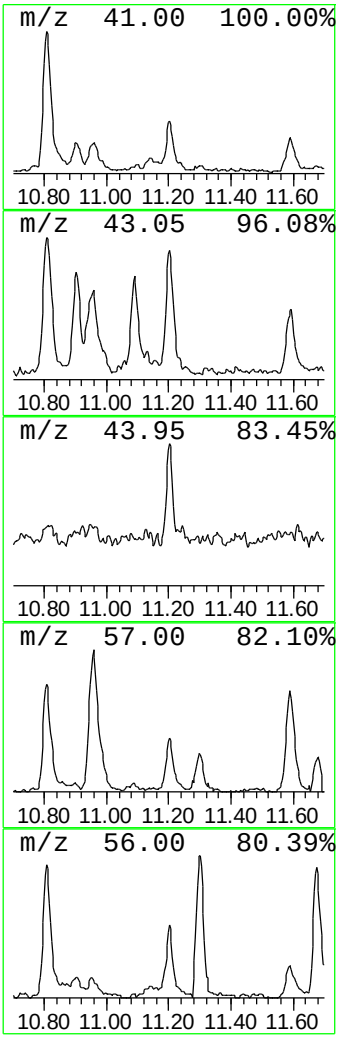
Peak Number 13 Octanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.42 ug/L	84097	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	90
3	Octanal	128	C8H16O	000124-13-0	90
4	2-Propanone, dimethylhydrazone	100	C5H12N2	013483-31-3	50
5	Hexanal	100	C6H12O	000066-25-1	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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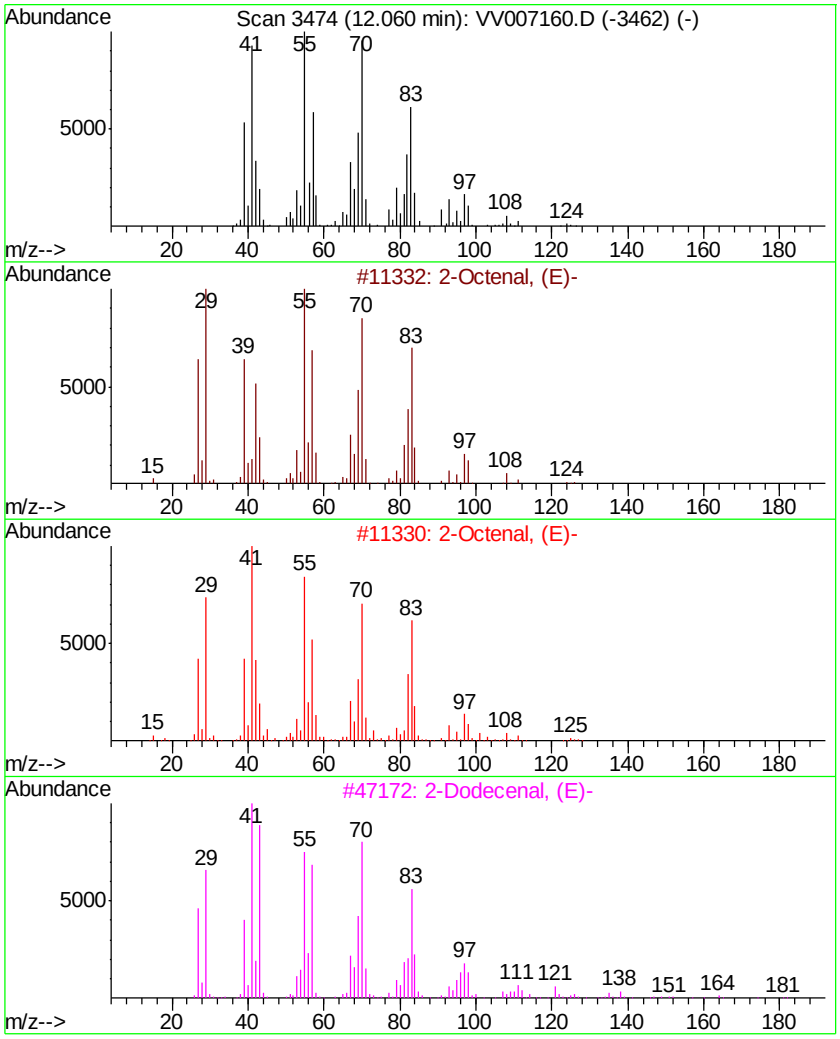
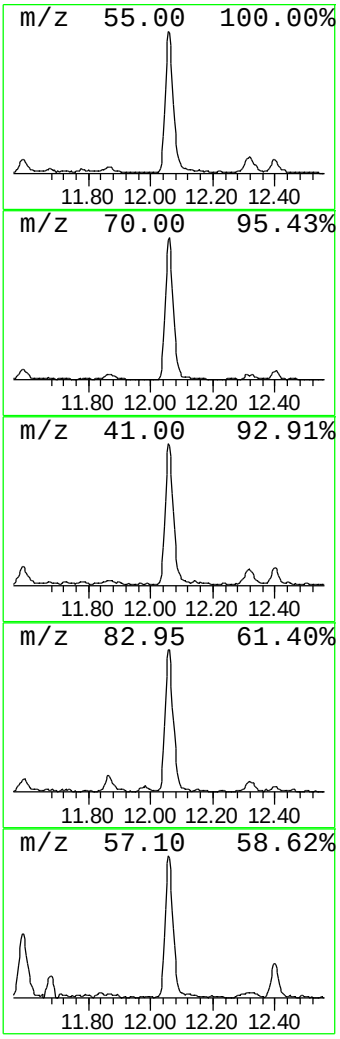
Peak Number 14 2-Octenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	18.30 ug/L	449806	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	78
2	2-Octenal, (E)-	126	C8H14O	002548-87-0	72
3	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
4	5-Ethyl-1-nonene	154	C11H22	019780-74-6	50
5	2-Undecenal, E-	168	C11H20O	053448-07-0	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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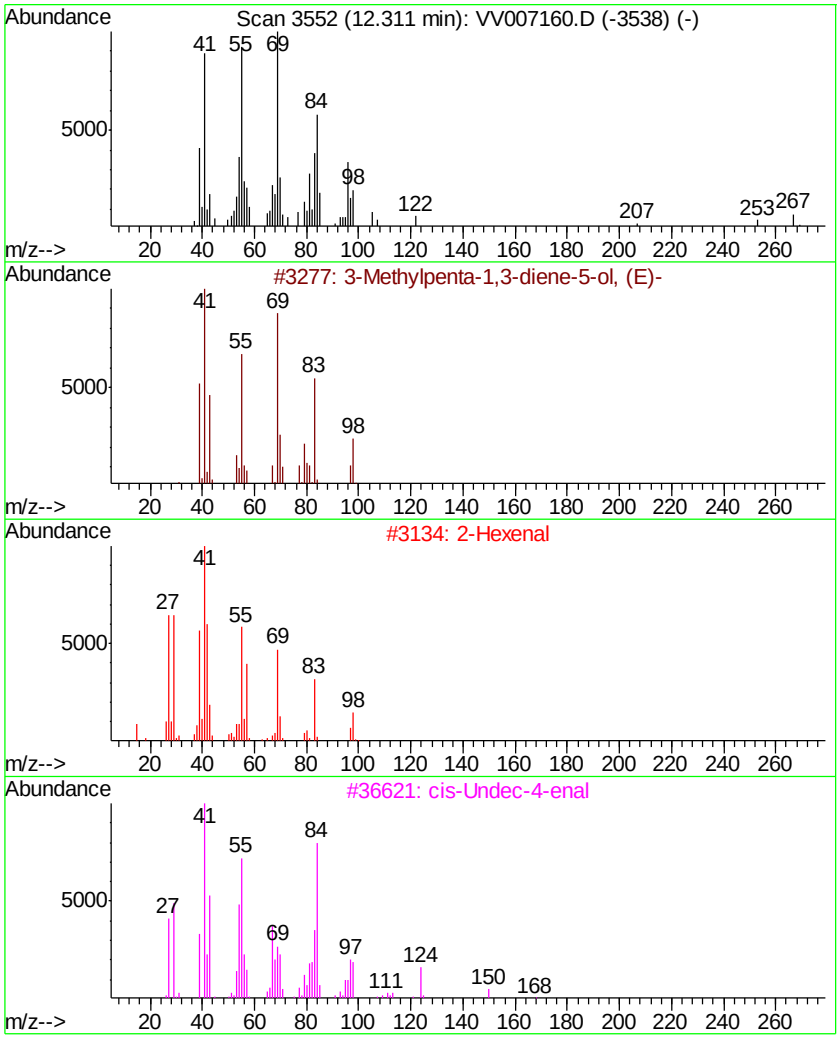
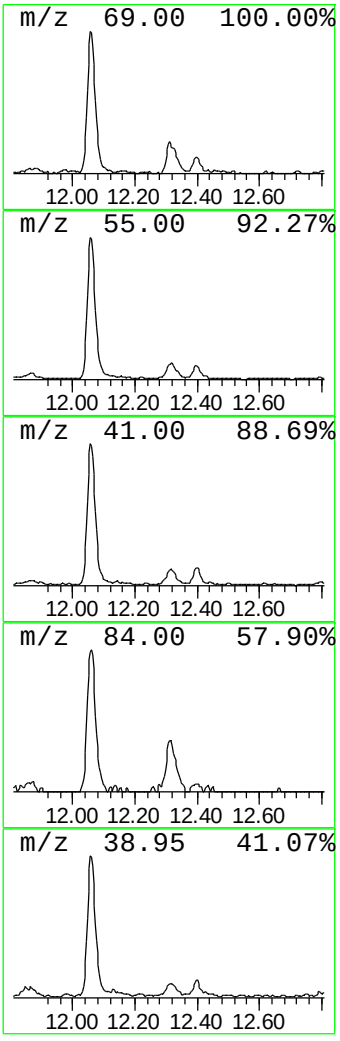
Peak Number 15 3-Methylpenta-1,3-diene-5-o... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.65 ug/L	65049	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylpenta-1,3-diene-5-ol, (E)-	98	C6H10O	001572-08-3	60
2	2-Hexenal	98	C6H10O	000505-57-7	49
3	cis-Undec-4-enal	168	C11H20O	068820-32-6	38
4	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	38
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis

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

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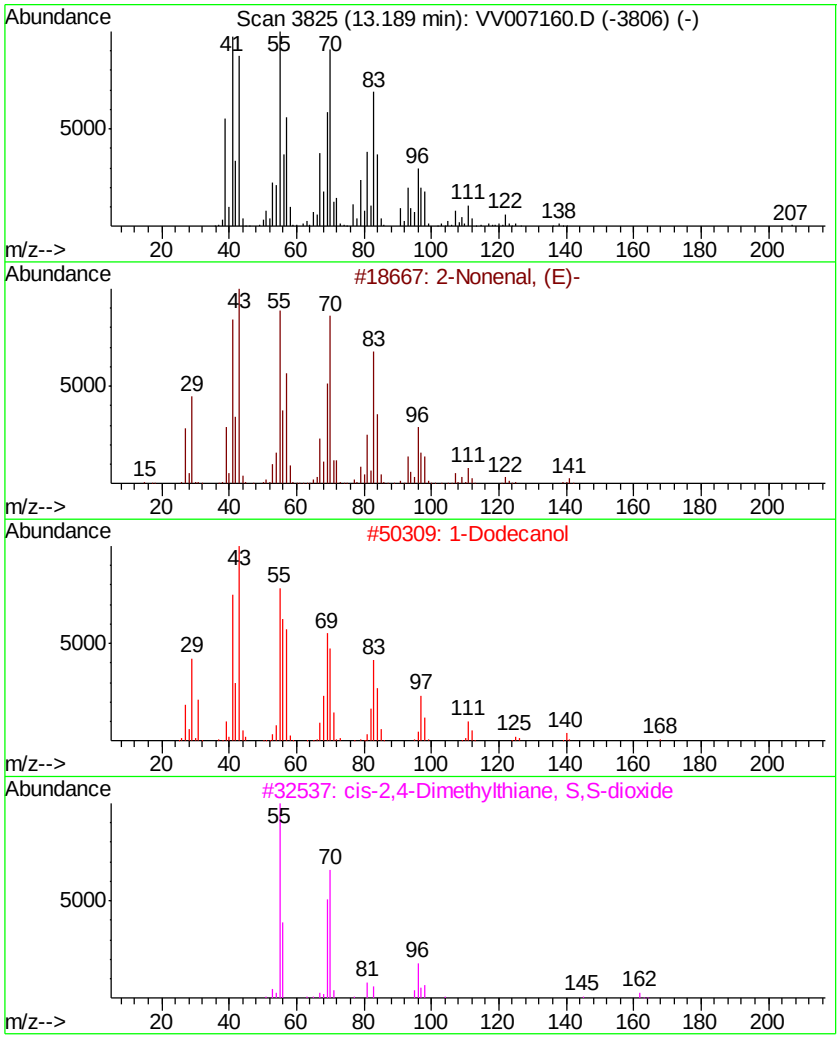
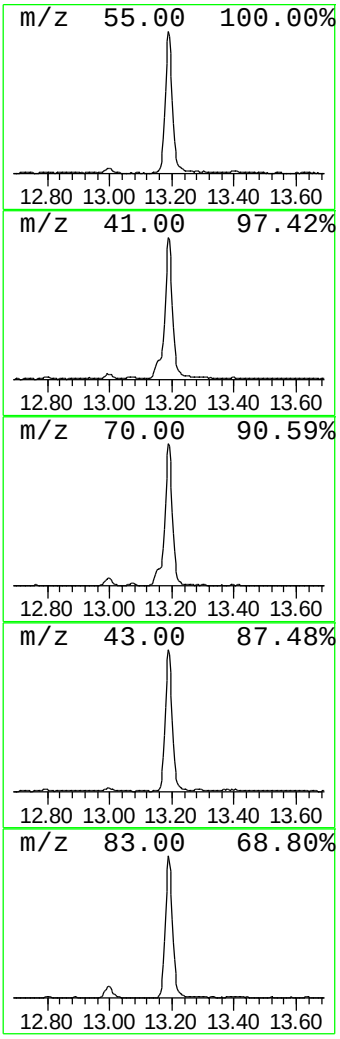
Peak Number 16 2-Nonenal, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	30.10 ug/L	739975	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	95
2	1-Dodecanol	186	C12H26O	000112-53-8	50
3	cis-2,4-Dimethylthiane, S,S-dioxide	162	C7H14O2S	1000215-67-5	35
4	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	30
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
Sample : J4622-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.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
Furan, 2,5-dihydro-	1.12	3.3	ug/L	91793	1	5.67	1378110	50.0
(DEL) Alkane: Str...	1.81	16.5	ug/L	453827	1	5.67	1378110	50.0
(DEL) Alkane: Str...	3.07	6.8	ug/L	188184	1	5.67	1378110	50.0
Butanal	3.76	3.1	ug/L	85686	1	5.67	1378110	50.0
Pentanal	6.34	14.6	ug/L	401595	1	5.67	1378110	50.0
Hexanal	8.29	197.9	ug/L	6341480	2	8.90	1601860	50.0
Heptanal	9.86	65.4	ug/L	2094380	2	8.90	1601860	50.0
2-Heptenal, (Z)-	10.81	9.3	ug/L	228200	3	11.30	1229170	50.0
1-Octen-3-one	10.90	4.0	ug/L	97081	3	11.30	1229170	50.0
1-Octen-3-ol	10.96	4.0	ug/L	97376	3	11.30	1229170	50.0
Octanal	11.20	3.4	ug/L	84097	3	11.30	1229170	50.0
2-Octenal, (E)-	12.06	18.3	ug/L	449806	3	11.30	1229170	50.0
3-Methylpenta-1,3...	12.31	2.6	ug/L	65049	3	11.30	1229170	50.0
2-Nonenal, (E)-	13.19	30.1	ug/L	739975	3	11.30	1229170	50.0