LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

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

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.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	1.085	136	154	174	rBV	1799778	1891217	12.07%	3.523%
2	1.182	179	184	194	rVB3	11755	12843	0.08%	0.024%
3	1.400	243	252	268	rBV	11954649	12614220	80.50%	23.499%
4	1.471	269	274	283	rVB	62162	71104	0.45%	0.132%
5	1.680	331	339	355	rVB	109905	149566	0.95%	0.279%
6	1.947	412	422	435	rVB	505174	685544	4.37%	1.277%
7	2.130	470	479	489	rBV5	20742	34284	0.22%	0.064%
8	2.191	492	498	506	rVV2	18934	26712	0.17%	0.050%
9	2.272	507	523	532	rVV2	270208	565045	3.61%	1.053%
10	2.320	532	538	548	rVV	108336	167556	1.07%	0.312%
11	2.378	549	556	568	rVB	44204	68241	0.44%	0.127%
12	2.442	568	576	584	rBV	27426	45781	0.29%	0.085%
13	2.982	732	744	759	rBV	71377	132535	0.85%	0.247%
14	3.188	799	808	821	rVB8	3288	7585	0.05%	0.014%
15	3.304	832	844	859	rVB3	16382	35133	0.22%	0.065%
16	3.423	877	881	882	rBV2	1614	960	0.01%	0.002%
17	3.613	932	940	941	rBV4	2388	2487	0.02%	0.005%
18	3.992	1043	1058	1081	rBV4	24554	62879	0.40%	0.117%
19	4.092	1081	1089	1092	rBV4	1763	2659	0.02%	0.005%
20	4.230	1102	1132	1172	rBV	6218123	15669629	100.00%	29.191%
21	4.568	1226	1237	1248	rBV2	24124	55135	0.35%	0.103%
22	4.651	1249	1263	1286	rVB	217216	507714	3.24%	0.946%
23	4.889	1333	1337	1345	rVB7	1331	1414	0.01%	0.003%
24	5.342	1454	1478	1507	rBV2	414299	1230252	7.85%	2.292%
25	5.468	1514	1517	1522	rVB4	1339	1213	0.01%	0.002%
26	5.587	1546	1554	1556	rBV5	809	942	0.01%	0.002%
27	5.648	1562	1573	1574	rBV3	3799	4492	0.03%	0.008%
28	5.786	1603	1616	1633	rBV2	38601	80043	0.51%	0.149%
29	5.889	1633	1648	1665	rVV	396005	773568	4.94%	1.441%
30	6.188	1727	1741	1755	rBV3	22540	42773	0.27%	0.080%
31	6.333	1771	1786	1805	rBV2	278059	613969	3.92%	1.144%
32	6.420	1805	1813	1830	rVB	54325	101133	0.65%	0.188%
33	6.532	1832	1848	1861	rBV	253643	476566	3.04%	0.888%
34	6.677	1890	1893	1896	rVB4	916	634	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

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

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Title : VOC Analysis

35	6.789	1919	1928	1930	rBV8	1599	1850	0.01%	0.003%
36	7.230	2052	2065	2084	rBV	165678	287597	1.84%	0.536%
37	7.342	2090	2100	2108	rBV5	3757	7586	0.05%	0.014%
38	7.468	2129	2139	2149	rBV4	9687	17402	0.11%	0.032%
39	7.567	2157	2170	2189	rBV	580396	1001460	6.39%	1.866%
40	7.850	2238	2258	2267	rBV2	125426	285226	1.82%	0.531%
41	7.902	2268	2274	2290	rVB3	29265	52992	0.34%	0.099%
42	8.136	2337	2347	2350	rBV6	6739	10226	0.07%	0.019%
43	8.185	2354	2362	2372	rBV2	31637	67645	0.43%	0.126%
44	8.313	2392	2402	2431	rVB	488235	840304	5.36%	1.565%
45	8.468	2435	2450	2483	rBV	3858392	6167184	39.36%	11.489%
46	8.789	2542	2550	2553	rVB5	1006	1306	0.01%	0.002%
47	8.950	2592	2600	2608	rVB6	3239	5160	0.03%	0.010%
48	9.046	2620	2630	2633	rBV4	12074	16443	0.10%	0.031%
49	9.091	2634	2644	2665	rVB	596698	964810	6.16%	1.797%
50	9.259	2688	2696	2700	rBV5	3836	5160	0.03%	0.010%
51	9.345	2716	2723	2727	rBV3	6027	8150	0.05%	0.015%
52	9.445	2749	2754	2755	rBV2	969	861	0.01%	0.002%
53	9.493	2766	2769	2771	rBV3	1112	765	0.00%	0.001%
54	9.526	2772	2779	2793	rVB4	13630	21492	0.14%	0.040%
55	9.616	2806	2807	2812	rVB	1002	638	0.00%	0.001%
56	9.686	2822	2829	2843	rBV4	7001	11760	0.08%	0.022%
57	9.783	2852	2859	2863	rBV4	1648	1945	0.01%	0.004%
58	9.818	2866	2870	2873	rVV3	787	674	0.00%	0.001%
59	9.921	2890	2902	2909	rBV	32218	52031	0.33%	0.097%
60	10.027	2925	2935	2948	rBV	225405	341096	2.18%	0.635%
61	10.249	2995	3004	3012	rVB8	2824	5243	0.03%	0.010%
62	10.432	3046	3061	3075	rVV	434976	691954	4.42%	1.289%
63	10.490	3075	3079	3091	rVB6	3973	6274	0.04%	0.012%
64	10.570	3100	3104	3109	rVV5	2852	3136	0.02%	0.006%
65	10.619	3109	3119	3137	rVB4	18720	42146	0.27%	0.079%
66	10.754	3152	3161	3188	rVB7	12061	36355	0.23%	0.068%
67	10.876	3193	3199	3203	rBV6	1173	1590	0.01%	0.003%
68	10.969	3212	3228	3243	rBV2	310055	644832	4.12%	1.201%
69	11.075	3252	3261	3266	rBV	40370	61396	0.39%	0.114%
70	11.111	3266	3272	3295	rVB	66082	123472	0.79%	0.230%
71	11.259	3309	3318	3324	rBV2	16766	24377	0.16%	0.045%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

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

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Title : VOC Analysis

72	11.304	3326	3332	3337	rBV8	7561	12303	0.08%	0.023%
73	11.371	3347	3353	3364	rVB3	52923	76057	0.49%	0.142%
74	11.484	3376	3388	3405	rVB	719731	1114732	7.11%	2.077%
75	11.570	3407	3415	3426	rBV4	13738	21444	0.14%	0.040%
76	11.686	3441	3451	3462	rBV2	71416	126280	0.81%	0.235%
77	11.754	3464	3472	3487	rVB4	60688	108193	0.69%	0.202%
78	11.860	3493	3505	3518	rBV	667036	1066451	6.81%	1.987%
79	11.988	3536	3545	3550	rBV2	16767	28839	0.18%	0.054%
80	12.027	3552	3557	3571	rVB4	33282	54401	0.35%	0.101%
81	12.223	3606	3618	3637	rBV	449862	680000	4.34%	1.267%
82	12.455	3681	3690	3712	rVV2	122359	212611	1.36%	0.396%
83	12.567	3716	3725	3743	rVB2	76657	114249	0.73%	0.213%
84	12.767	3784	3787	3789	rBV3	1444	1169	0.01%	0.002%
85	12.886	3820	3824	3826	rBV4	1874	1676	0.01%	0.003%
86	12.969	3843	3850	3859	rBV9	6367	9489	0.06%	0.018%
87	13.114	3886	3895	3905	rBV	44005	66416	0.42%	0.124%
88	13.323	3953	3960	3962	rBV2	18051	19172	0.12%	0.036%
89	13.358	3964	3971	3993	rVB2	138156	225017	1.44%	0.419%
90	13.503	4012	4016	4024	rVB6	2978	3705	0.02%	0.007%
91	13.718	4080	4083	4085	rBV2	1190	902	0.01%	0.002%
92	13.744	4086	4091	4097	rBV4	4202	5902	0.04%	0.011%
93	13.779	4098	4102	4103	rBV3	5421	3714	0.02%	0.007%
94	14.033	4174	4181	4192	rBV4	11348	17977	0.11%	0.033%
95	14.281	4253	4258	4259	rBV2	3797	3366	0.02%	0.006%
96	14.403	4286	4296	4303	rBV	214268	323979	2.07%	0.604%
97	14.557	4336	4344	4359	rVB	54427	84692	0.54%	0.158%
98	14.795	4410	4418	4435	rVB2	71627	109843	0.70%	0.205%
99	15.033	4481	4492	4519	rBV	675267	1063025	6.78%	1.980%
100	15.377	4589	4599	4620	rBV3	104156	175596	1.12%	0.327%

Sum of corrected areas: 53679566

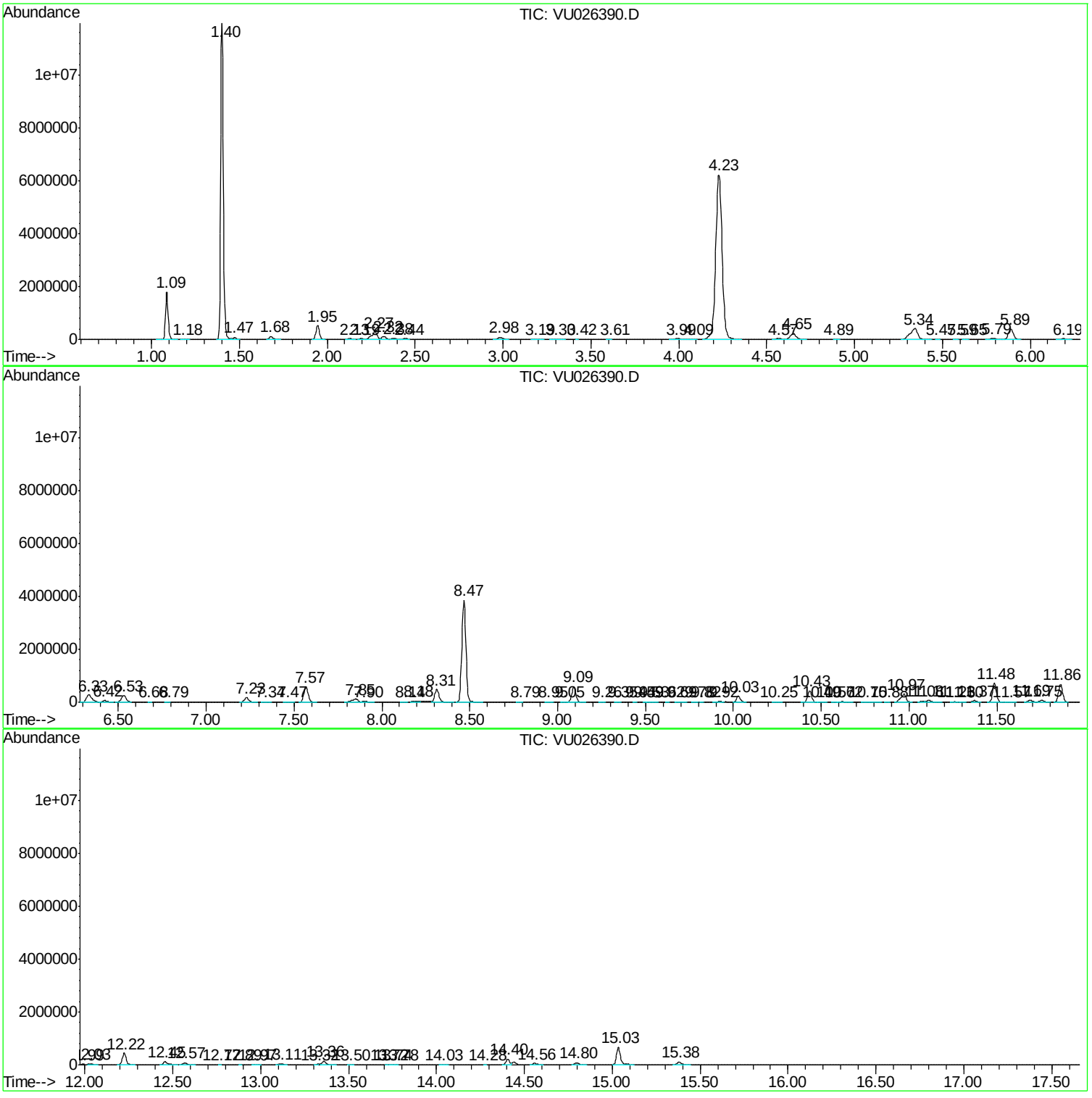
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

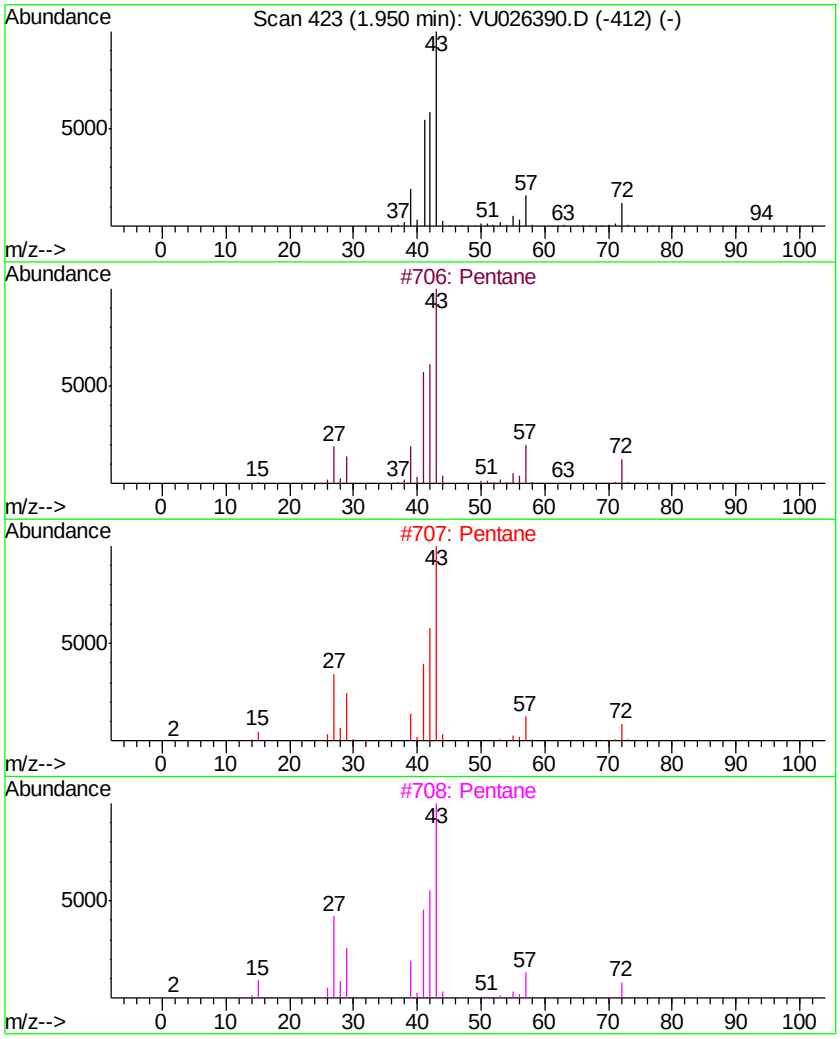
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

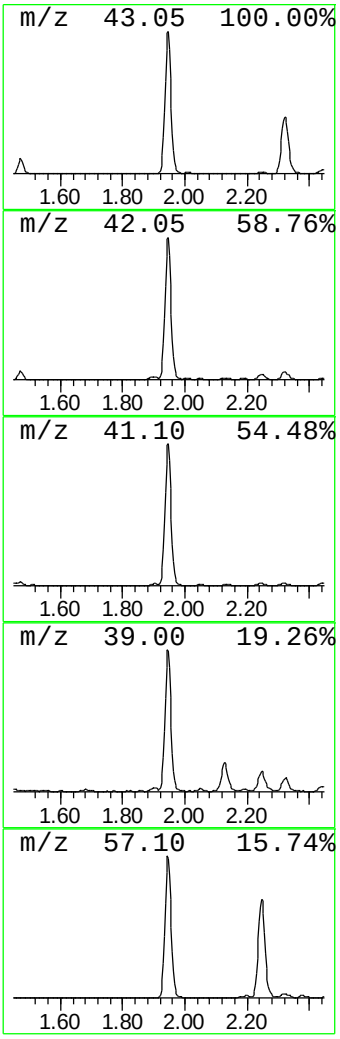
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	44.31 ug/L	685544	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	64
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

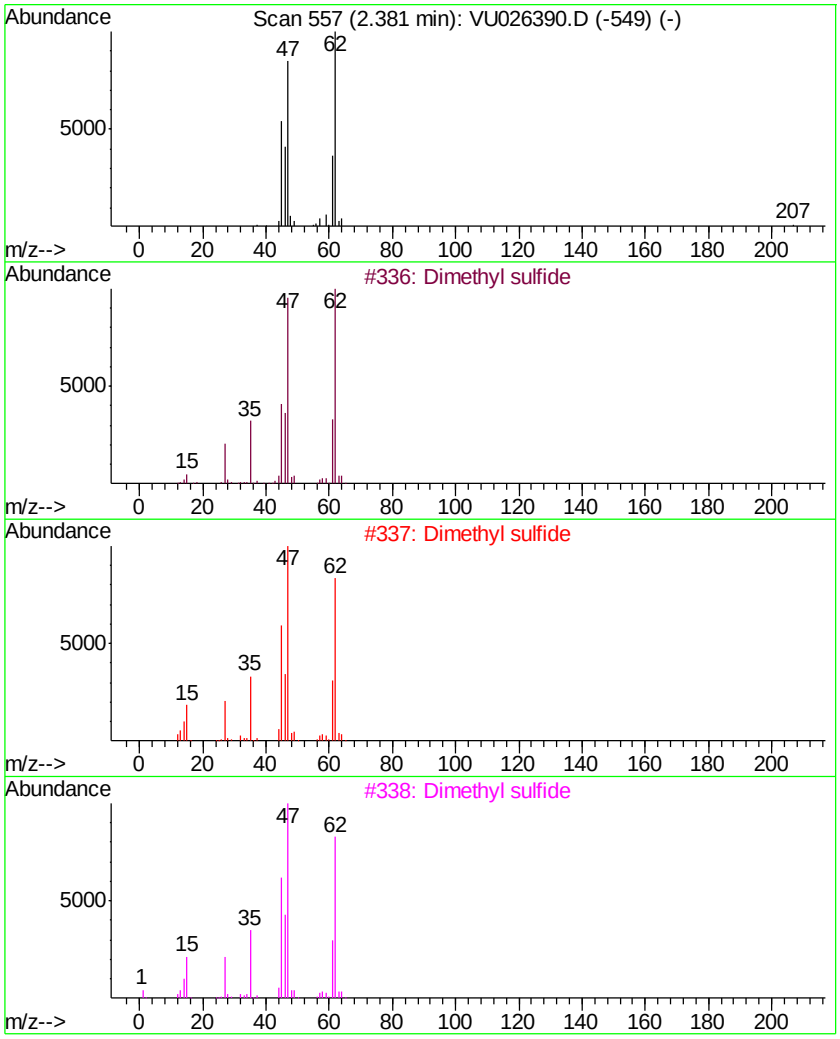
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

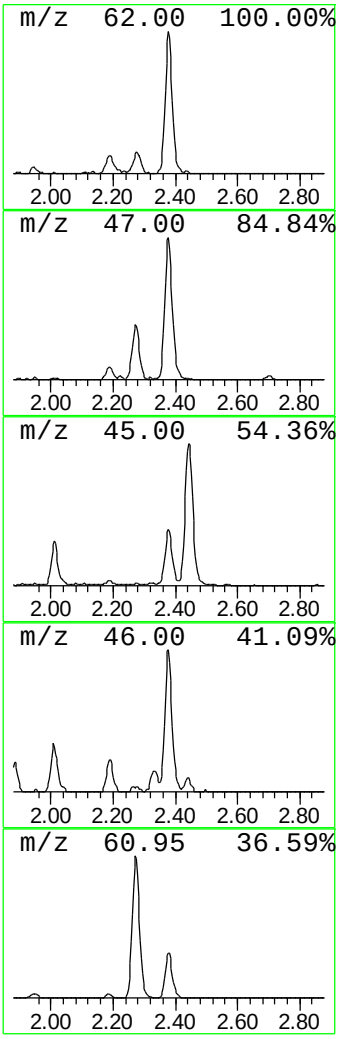
****

Peak Number 4 Dimethyl sulfide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	4.41 ug/L	68241	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	86
5	Ethanethiol	62	C2H6S	000075-08-1	80





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

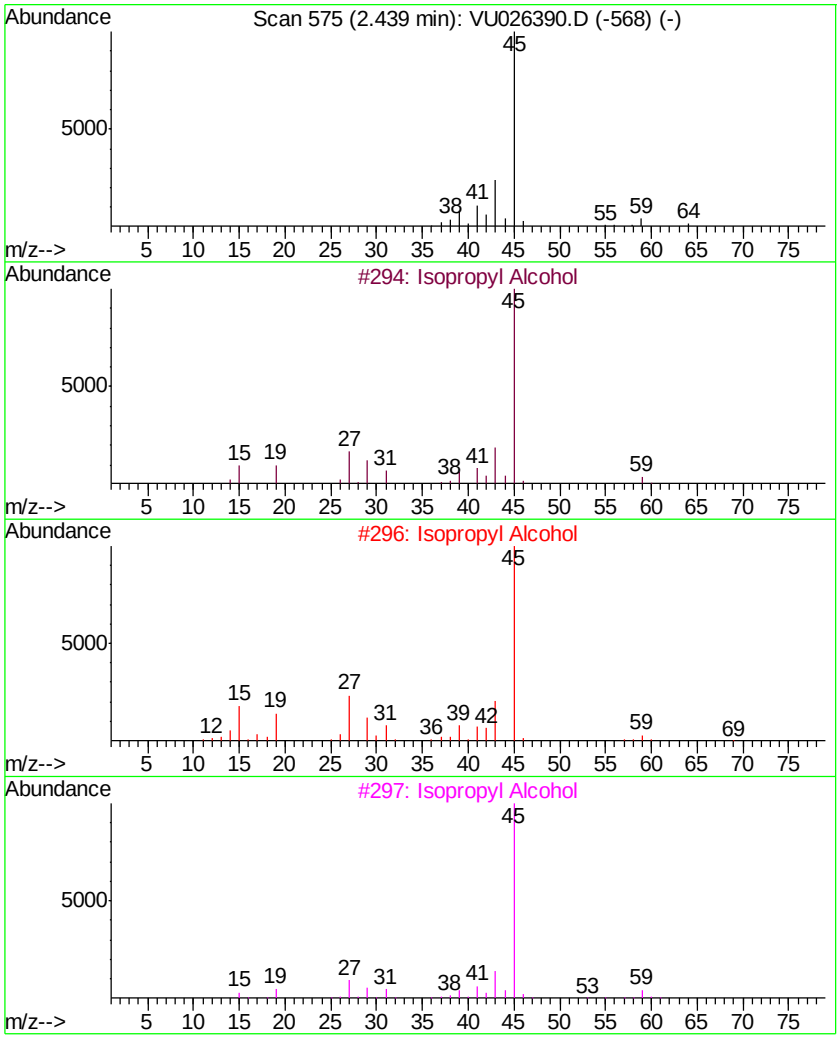
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

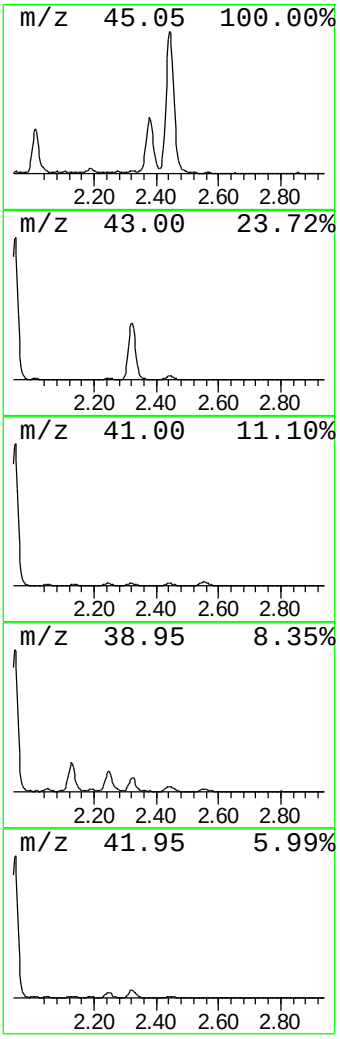
****

Peak Number 5 Isopropyl Alcohol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.96 ug/L	45781	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Ethylamine	45	C2H7N	000075-04-7	7
5	Oxirane, (methoxymethyl)-	88	C4H8O2	000930-37-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

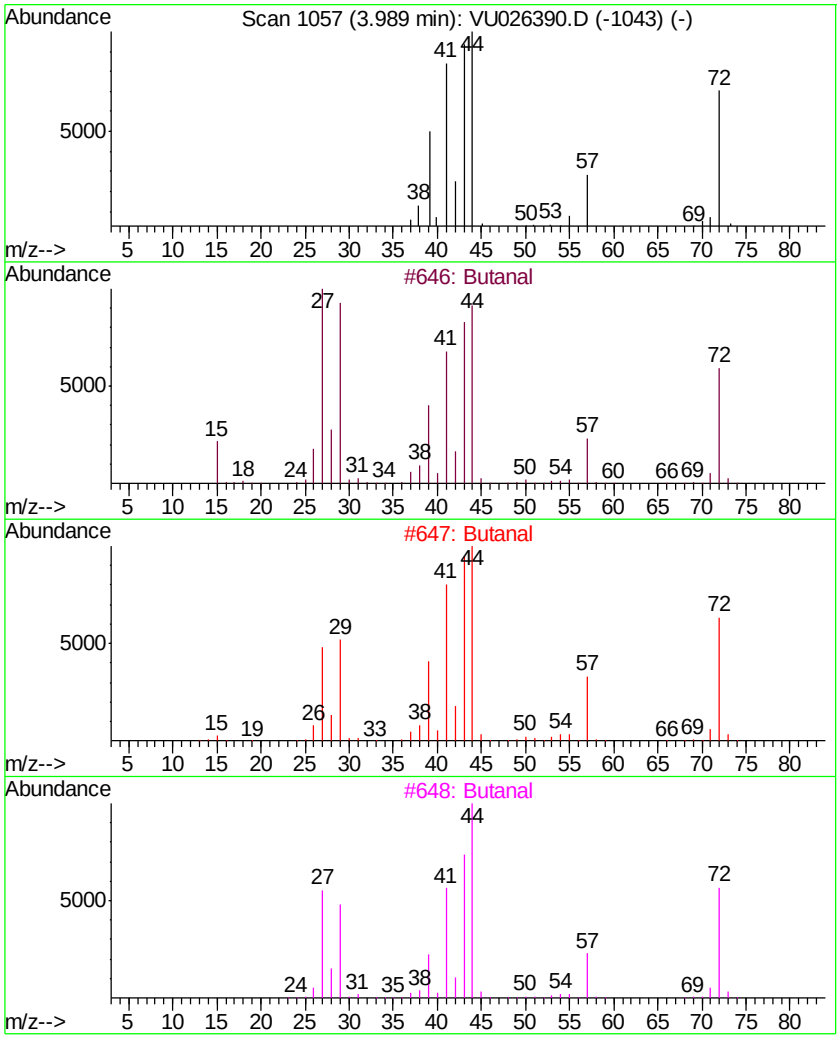
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

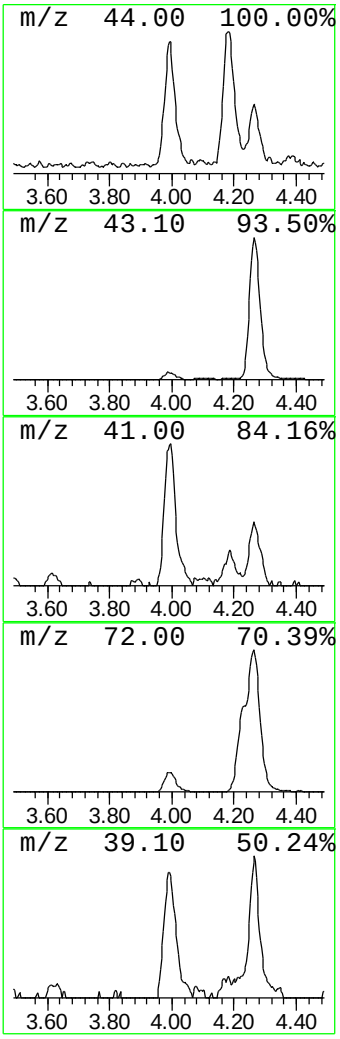
****

Peak Number 6 Butanal Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	4.06 ug/L	62879	1,4-Difluorobenzene	5.89

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	58
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	43





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

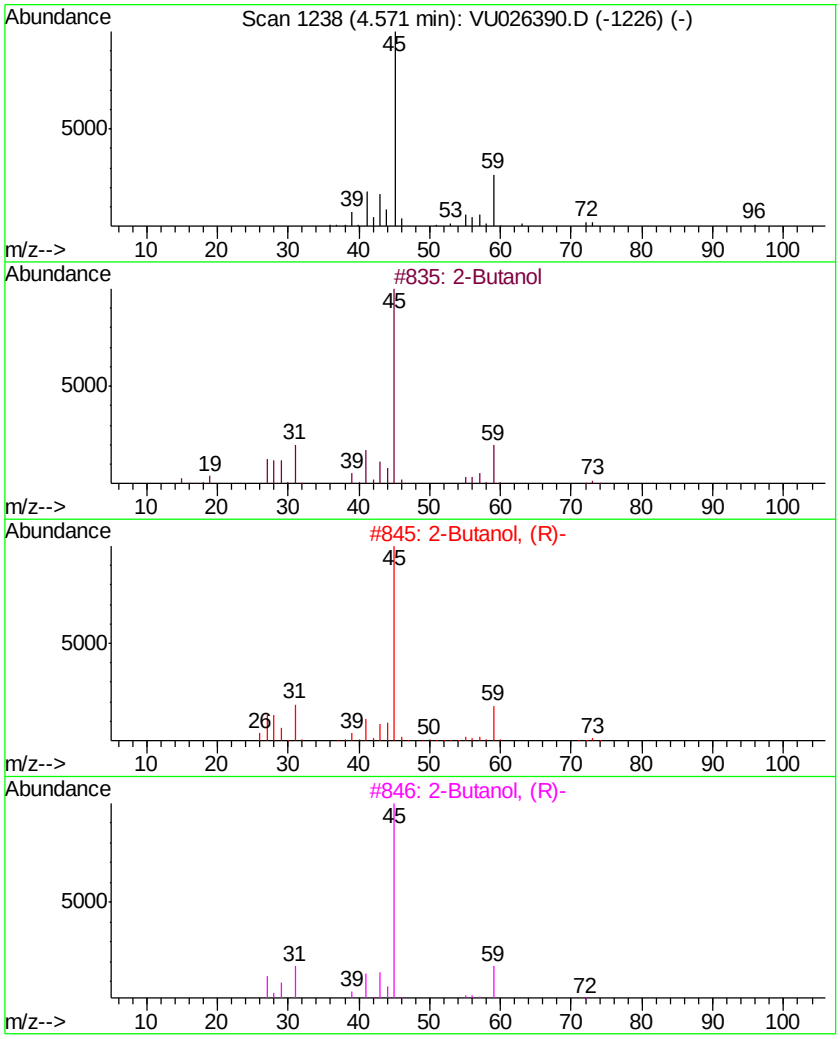
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

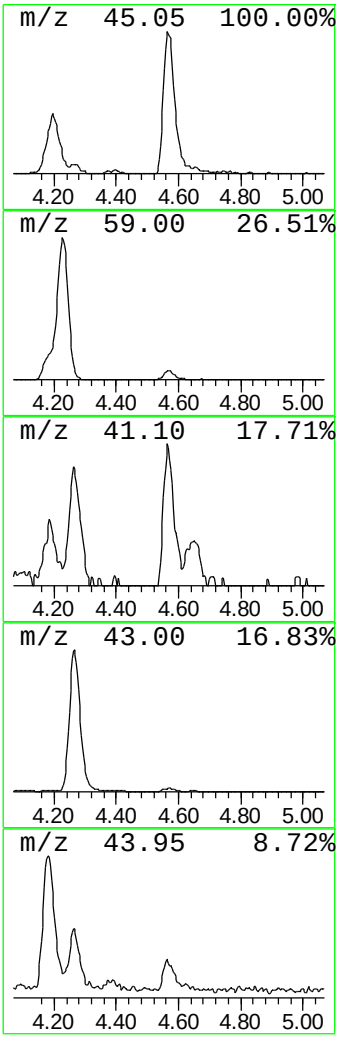
****

Peak Number 7 2-Butanol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	3.56 ug/L	55135	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol	74	C4H10O	000078-92-2	83
2	2-Butanol, (R)-	74	C4H10O	014898-79-4	78
3	2-Butanol, (R)-	74	C4H10O	014898-79-4	78
4	2-Butanol	74	C4H10O	000078-92-2	78
5	2-Butanol	74	C4H10O	000078-92-2	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

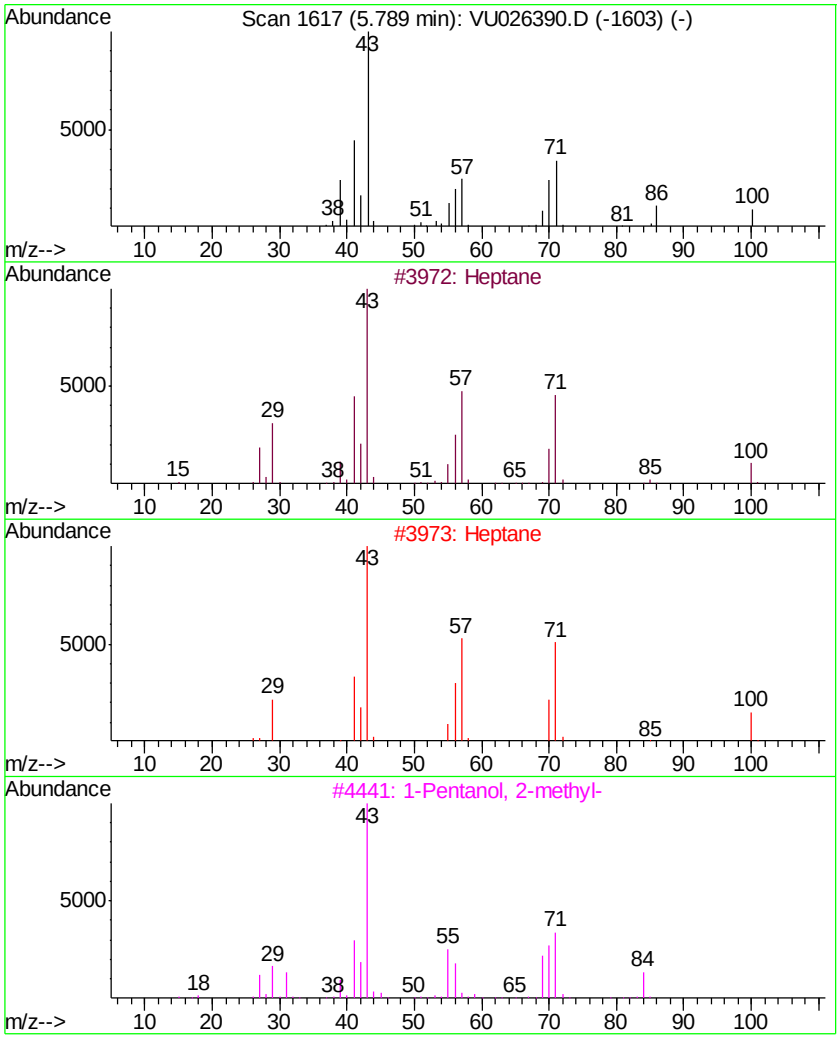
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

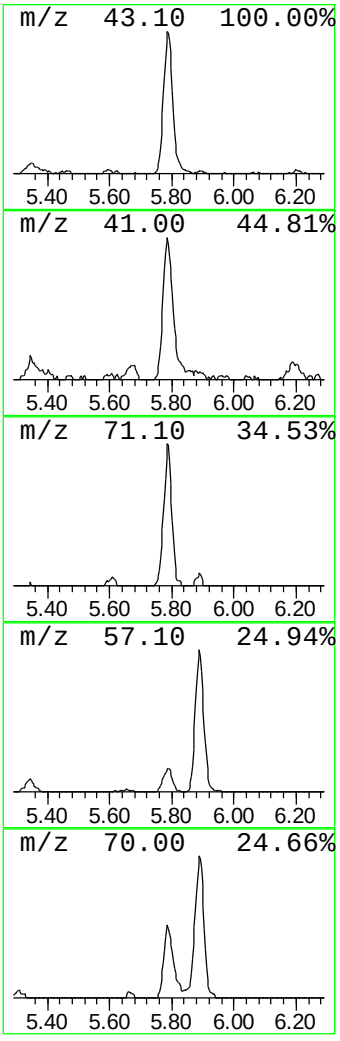
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	5.17 ug/L	80043	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	72
2	Heptane	100	C7H16	000142-82-5	59
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	45
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	45
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	45





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Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

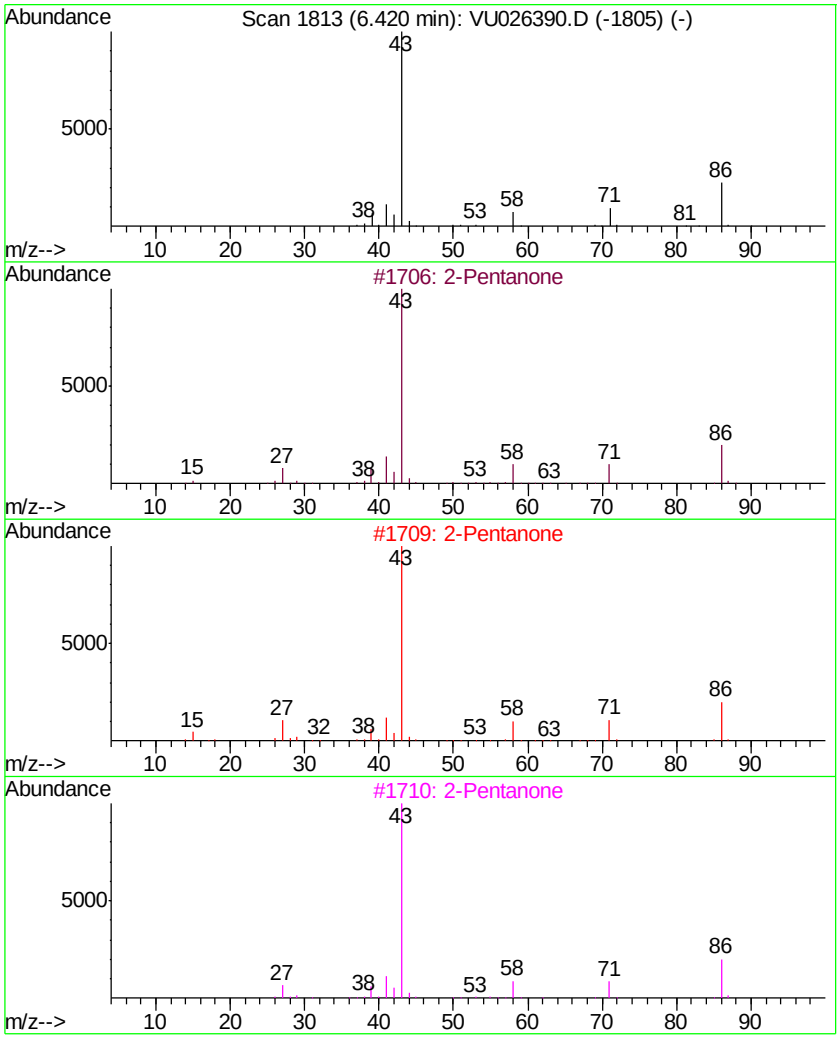
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

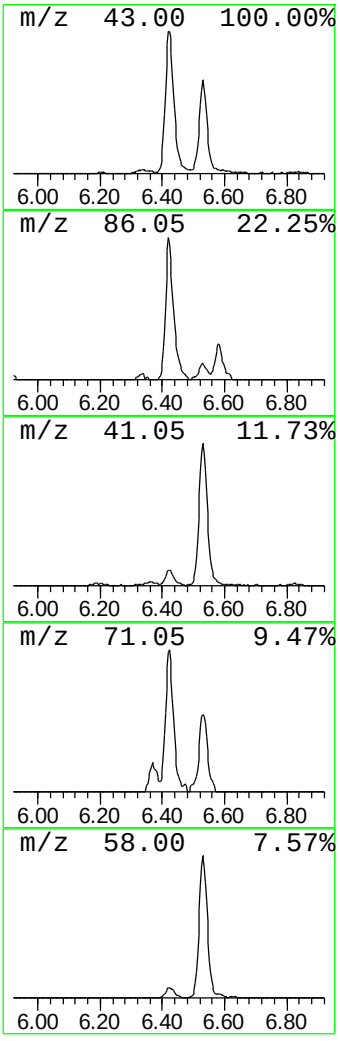
****

Peak Number 9 2-Pentanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	6.54 ug/L	101133	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	87
2	2-Pentanone	86	C5H10O	000107-87-9	86
3	2-Pentanone	86	C5H10O	000107-87-9	80
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

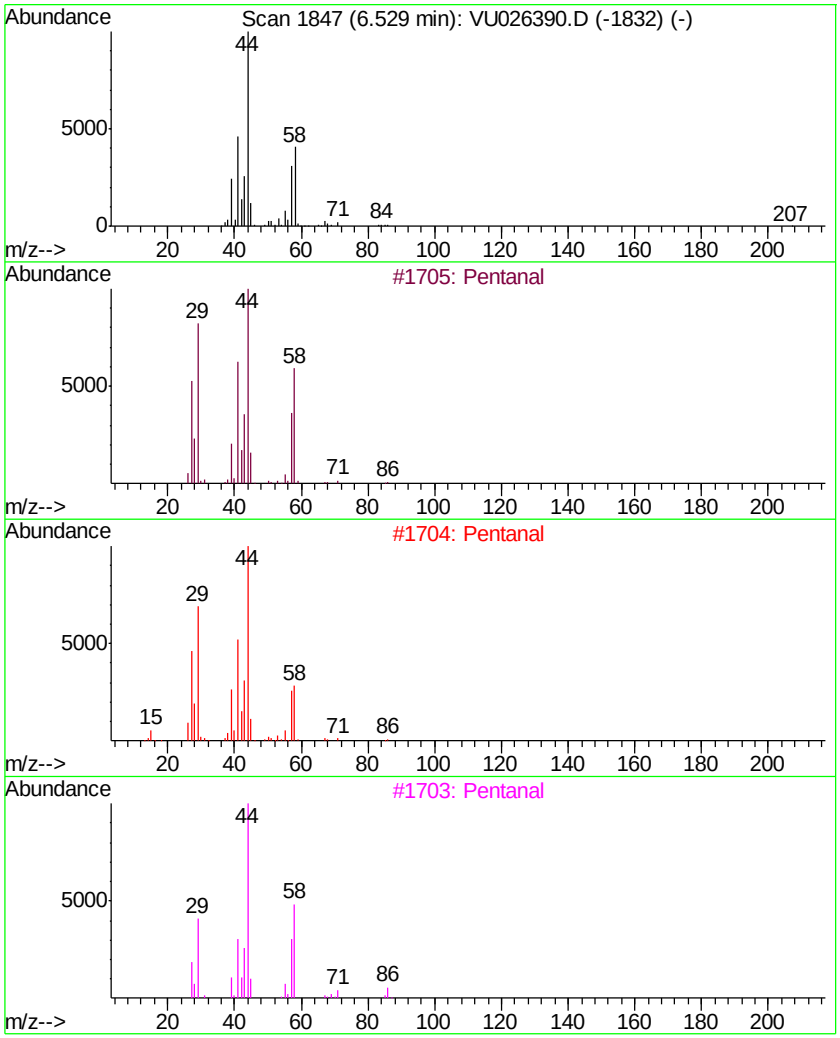
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

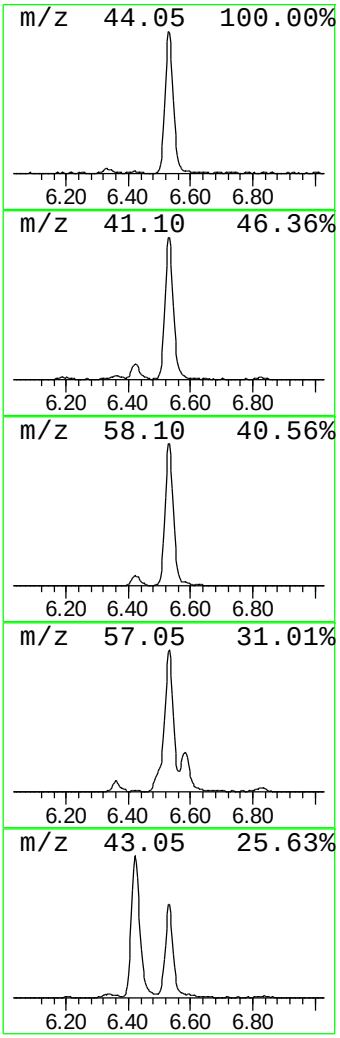
****

Peak Number 10 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	30.80 ug/L	476566	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	91
2	Pentanal	86	C5H10O	000110-62-3	86
3	Pentanal	86	C5H10O	000110-62-3	64
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
5	Cyclopropyl carbinol	72	C4H8O	002516-33-8	33





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

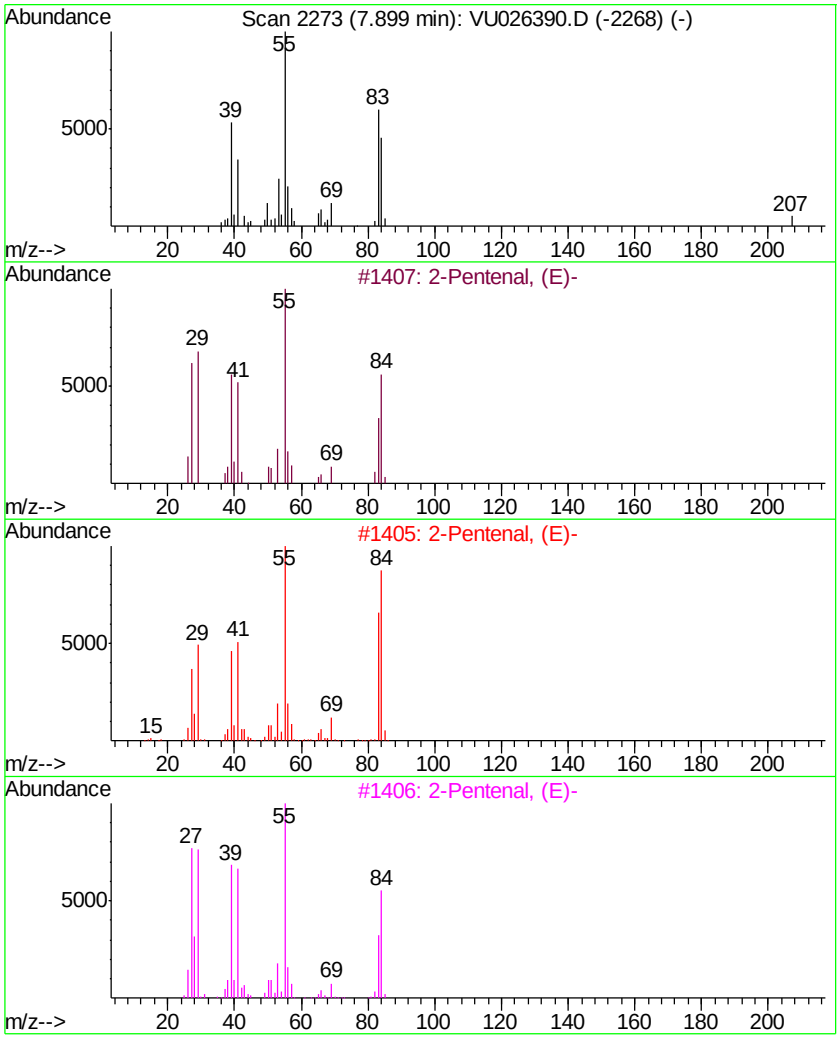
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

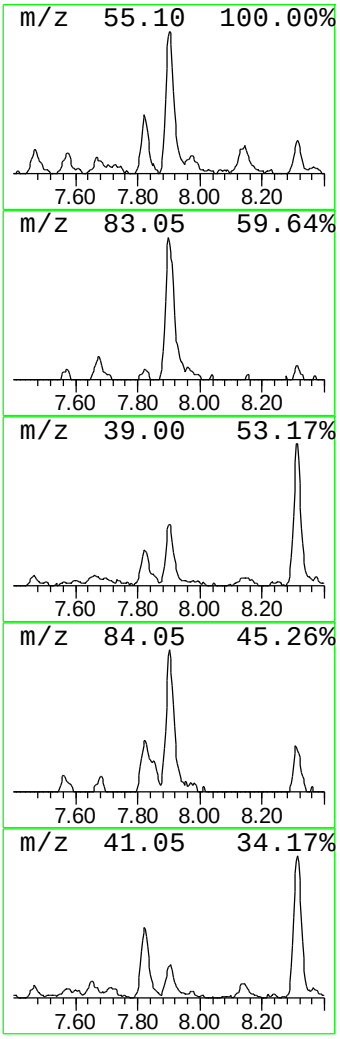
****

Peak Number 12 2-Pentenal, (E)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	2.75 ug/L	52992	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenal, (E)-	84	C5H8O	001576-87-0	83
2	2-Pentenal, (E)-	84	C5H8O	001576-87-0	81
3	2-Pentenal, (E)-	84	C5H8O	001576-87-0	59
4	Pentanol, 4-methyl-4-nitro-	147	C6H13NO3	005215-92-9	50
5	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	43





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Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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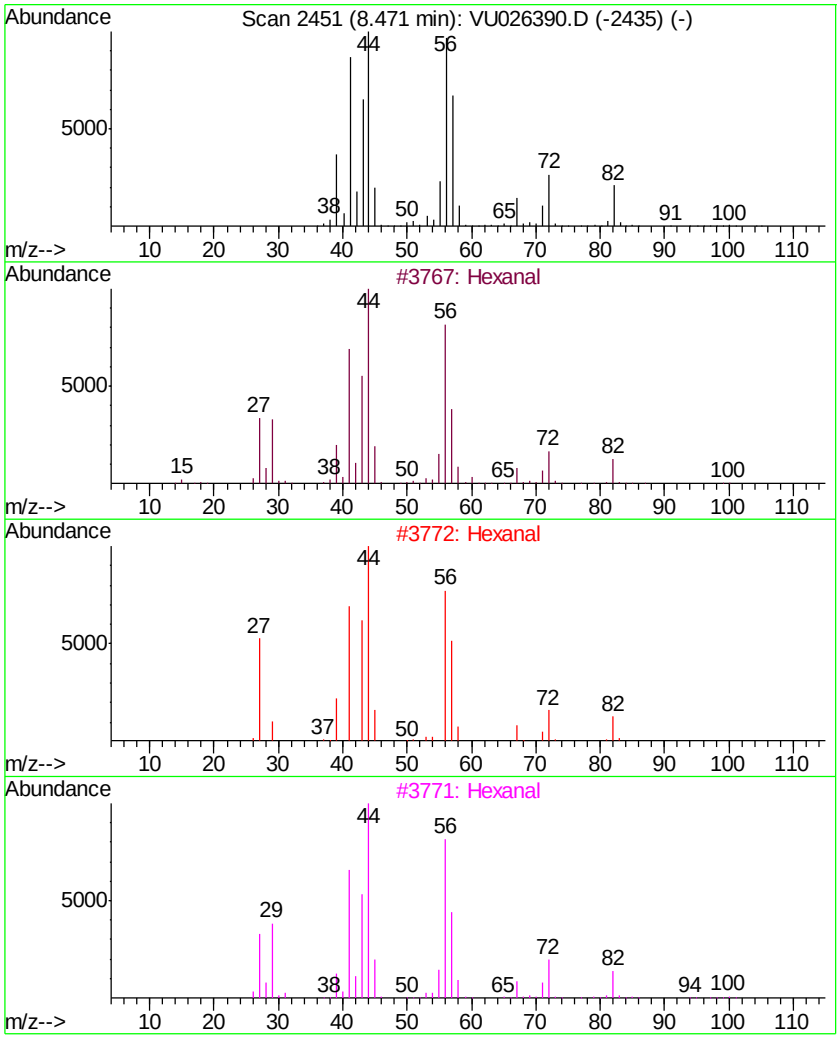
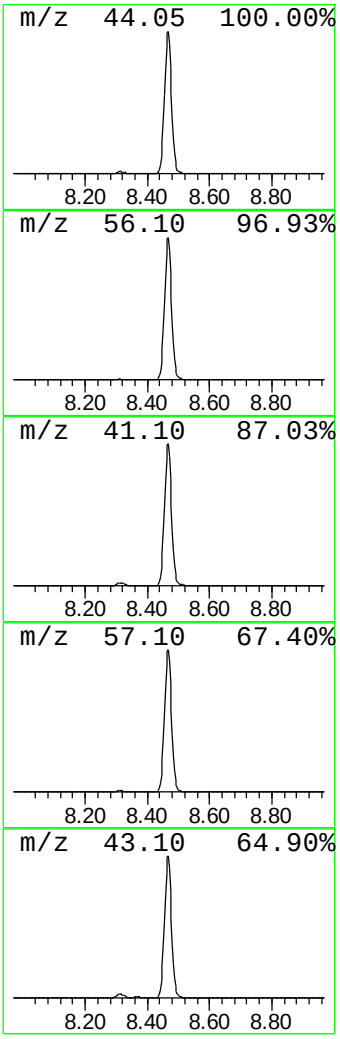
Peak Number 14 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	319.61 ug/L	6167180	Chlorobenzene-d5	9.09

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





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Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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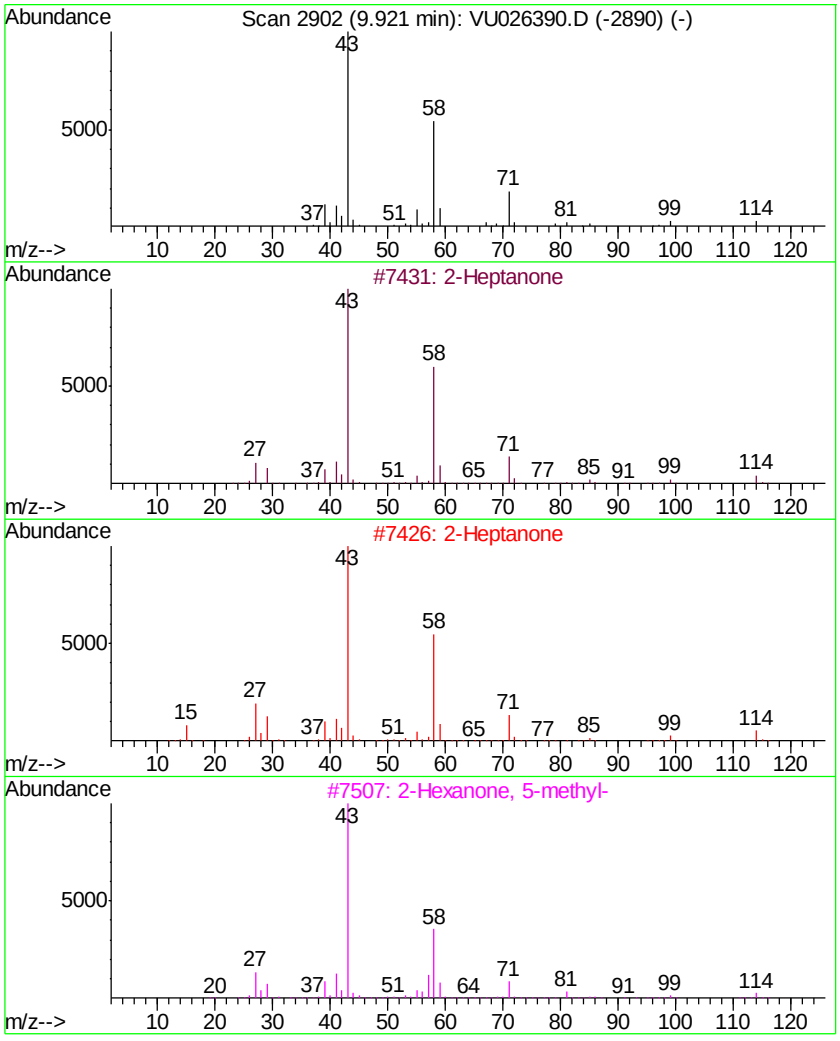
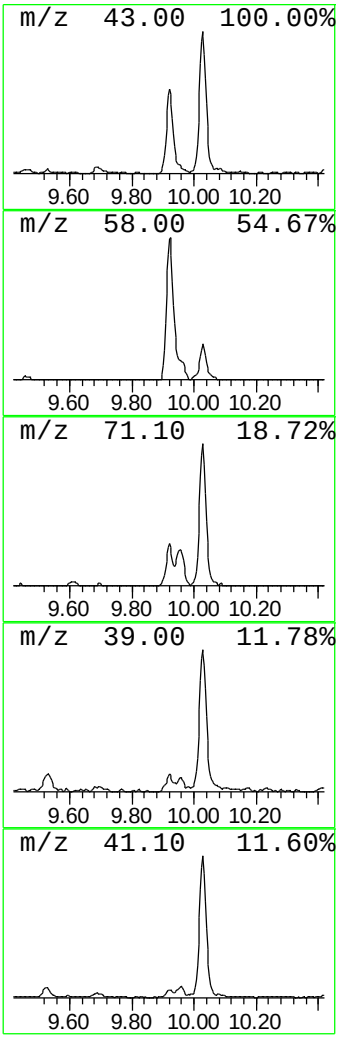
Peak Number 15 2-Heptanone Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.70 ug/L	52031	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	90
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78
4	2-Nonanone	142	C9H18O	000821-55-6	72
5	2-Heptanone	114	C7H14O	000110-43-0	72





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Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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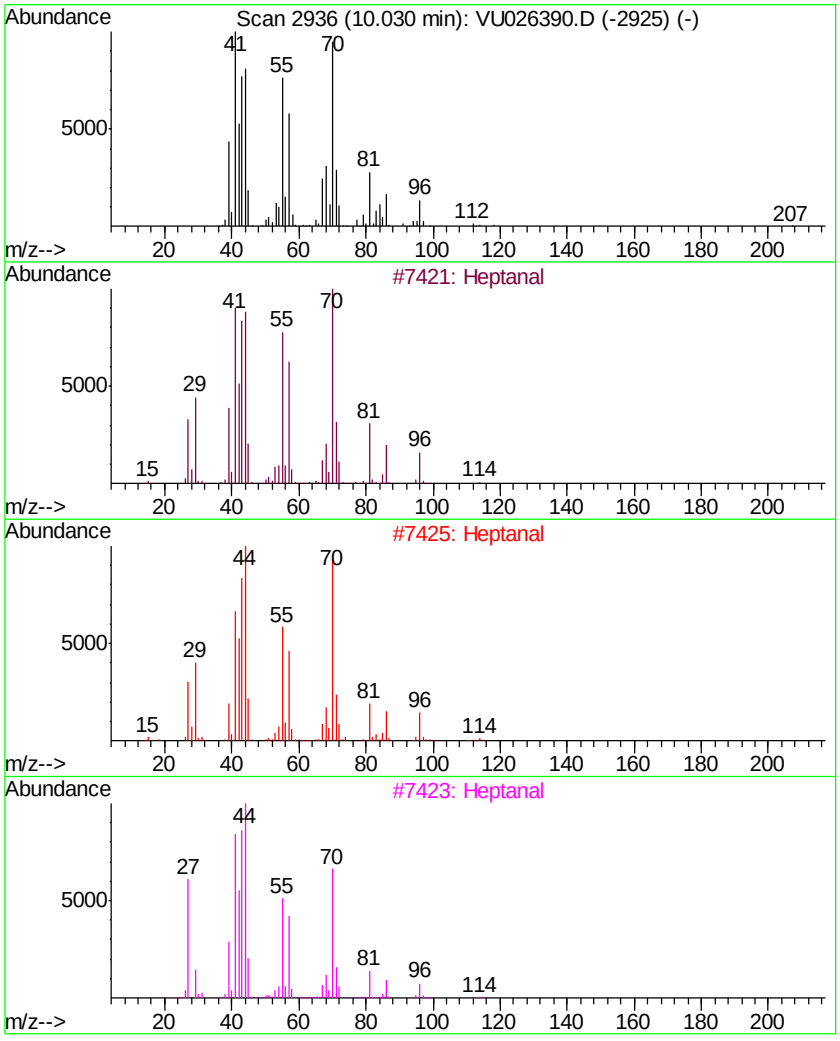
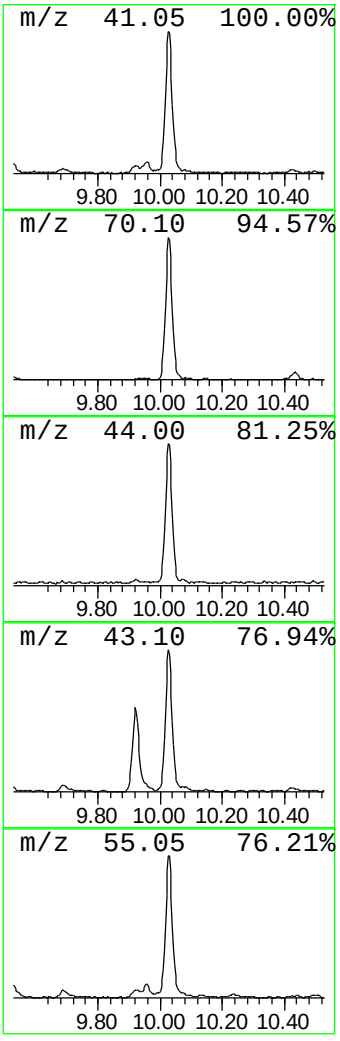
Peak Number 16 Heptanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	17.68 ug/L	341096	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	96
2	Heptanal	114	C7H14O	000111-71-7	81
3	Heptanal	114	C7H14O	000111-71-7	41
4	Heptanal	114	C7H14O	000111-71-7	41
5	Oxirane, 2-(1,1-dimethylethyl)-3...	114	C7H14O	053897-30-6	35





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Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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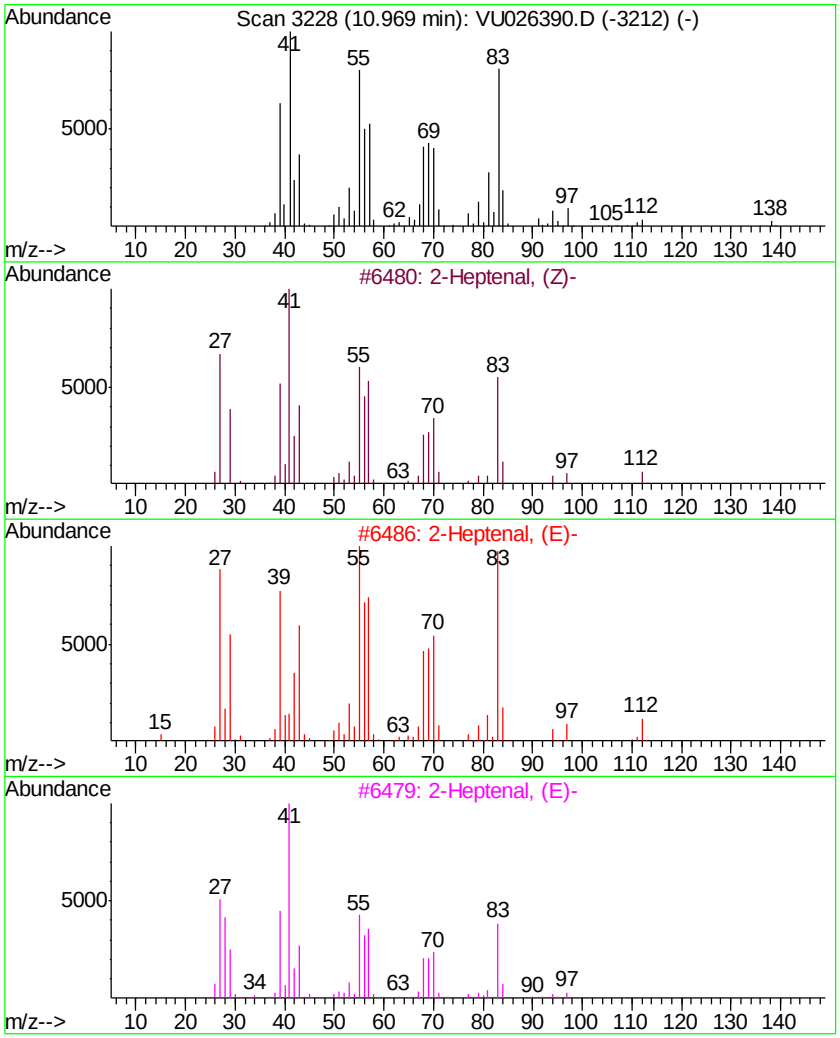
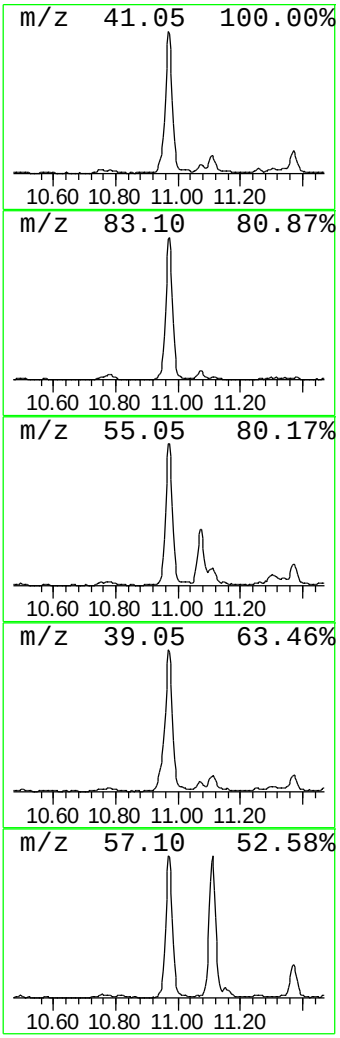
Peak Number 17 2-Heptenal, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	28.92 ug/L	644832	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	87
2	2-Heptenal, (E)-	112	C7H12O	018829-55-5	83
3	2-Heptenal, (E)-	112	C7H12O	018829-55-5	78
4	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	53
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	47





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Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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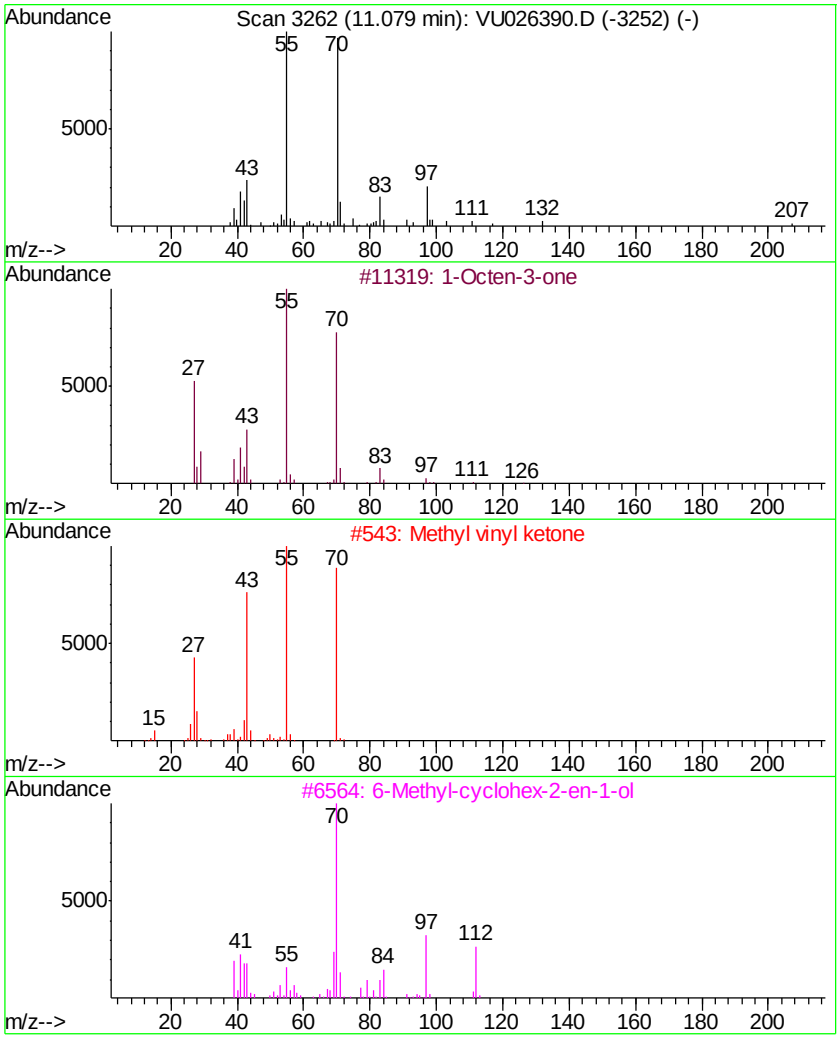
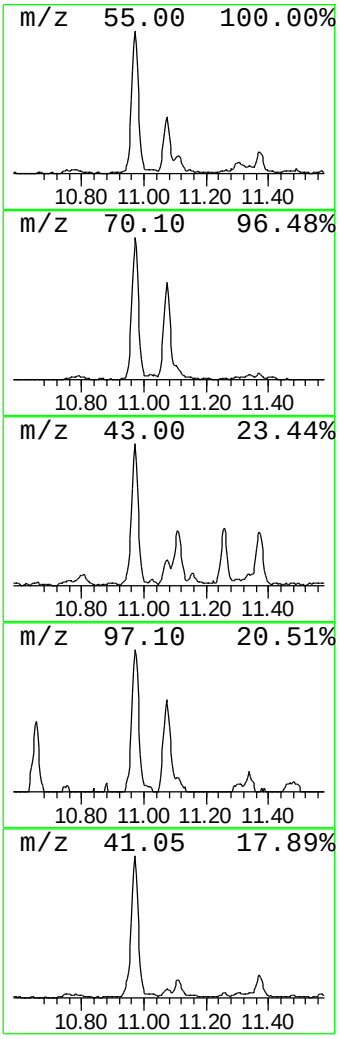
Peak Number 18 1-Octen-3-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.75 ug/L	61396	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-one	126	C8H14O	004312-99-6	64
2	Methyl vinyl ketone	70	C4H6O	000078-94-4	53
3	6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-3	50
4	1,2-Cyclopentanedione, 3,3,5,5-t...	154	C9H14O2	020633-06-1	47
5	2-Pentene	70	C5H10	000109-68-2	42





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Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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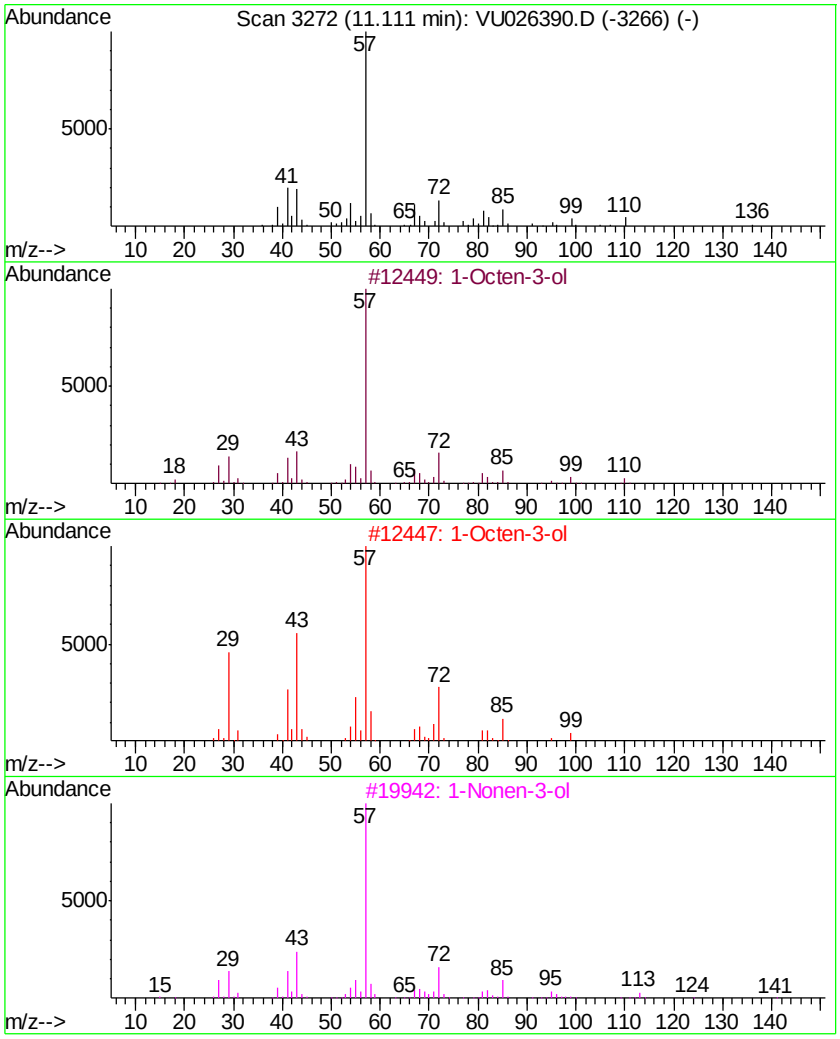
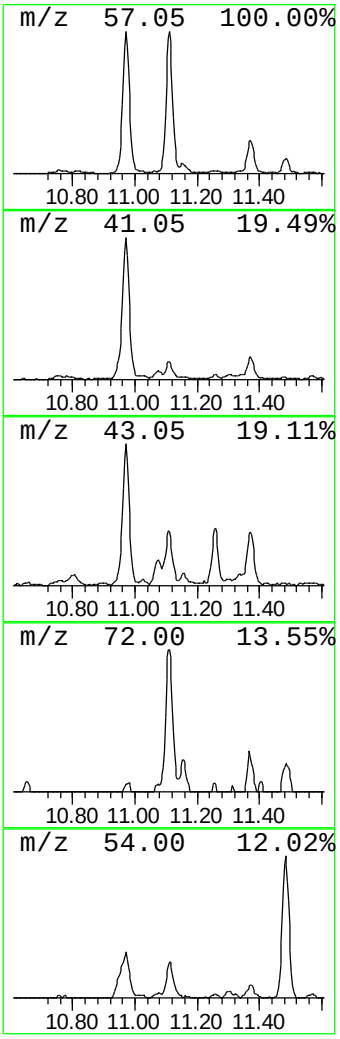
Peak Number 19 1-Octen-3-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	5.54 ug/L	123472	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-ol	128	C8H16O	003391-86-4	78
2	1-Octen-3-ol	128	C8H16O	003391-86-4	50
3	1-Nonen-3-ol	142	C9H18O	021964-44-3	43
4	1-Octen-3-ol	128	C8H16O	003391-86-4	38
5	1-Octen-3-ol	128	C8H16O	003391-86-4	38





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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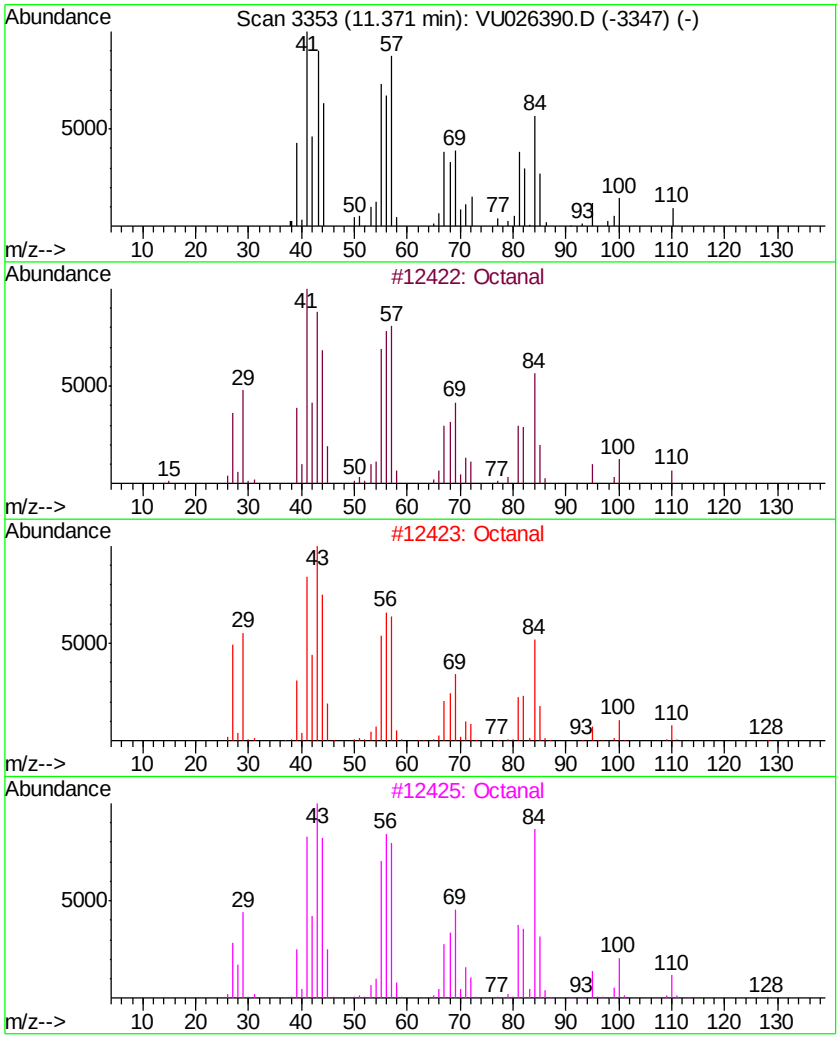
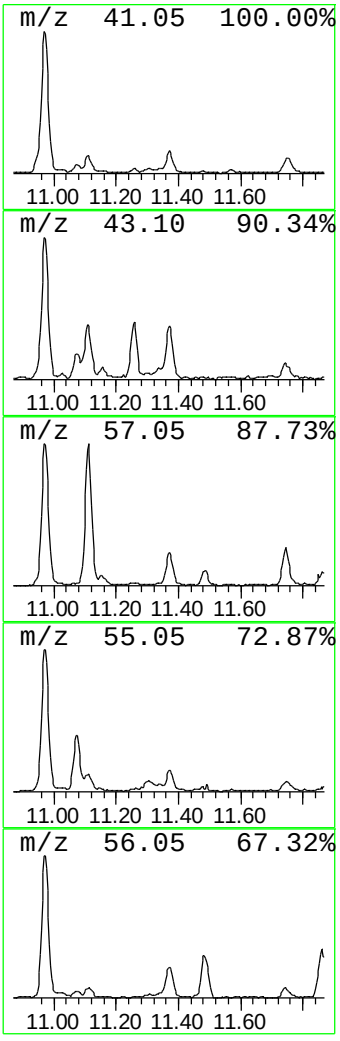
Peak Number 20 Octanal Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.41 ug/L	76057	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	80
2	Octanal	128	C8H16O	000124-13-0	72
3	Octanal	128	C8H16O	000124-13-0	72
4	Octanal	128	C8H16O	000124-13-0	59
5	Piperidine	85	C5H11N	000110-89-4	50





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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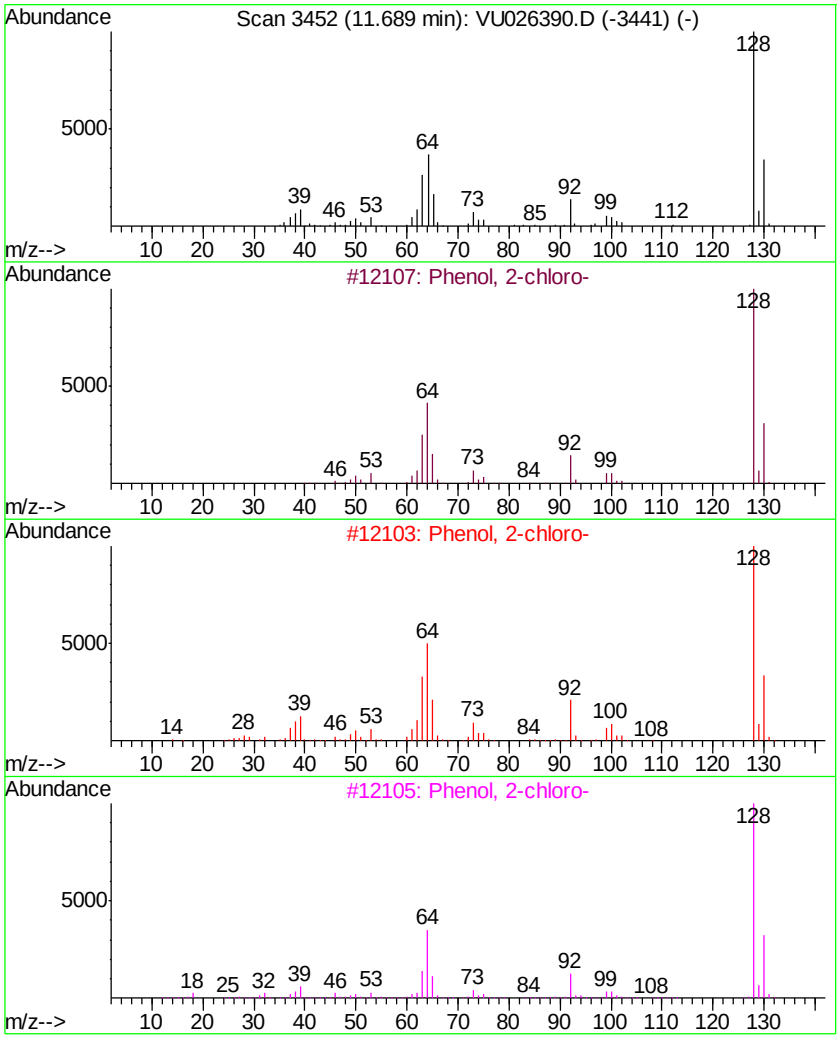
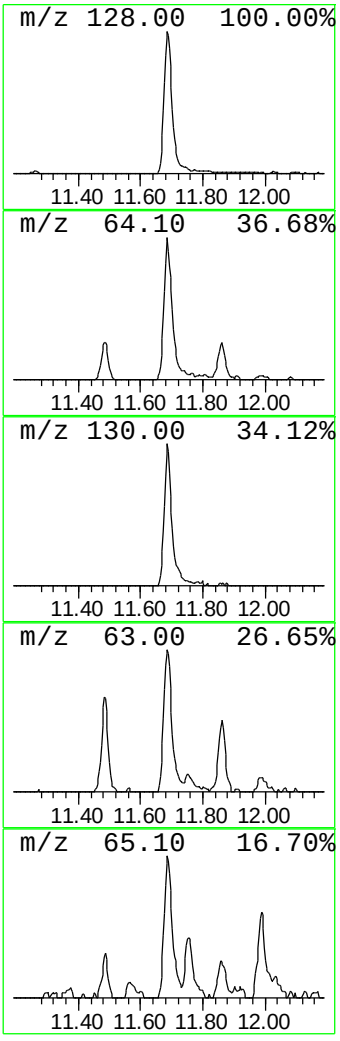
Peak Number 21 Phenol, 2-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.66 ug/L	126280	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	97
2	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	94
3	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	91
4	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	91
5	Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	47





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

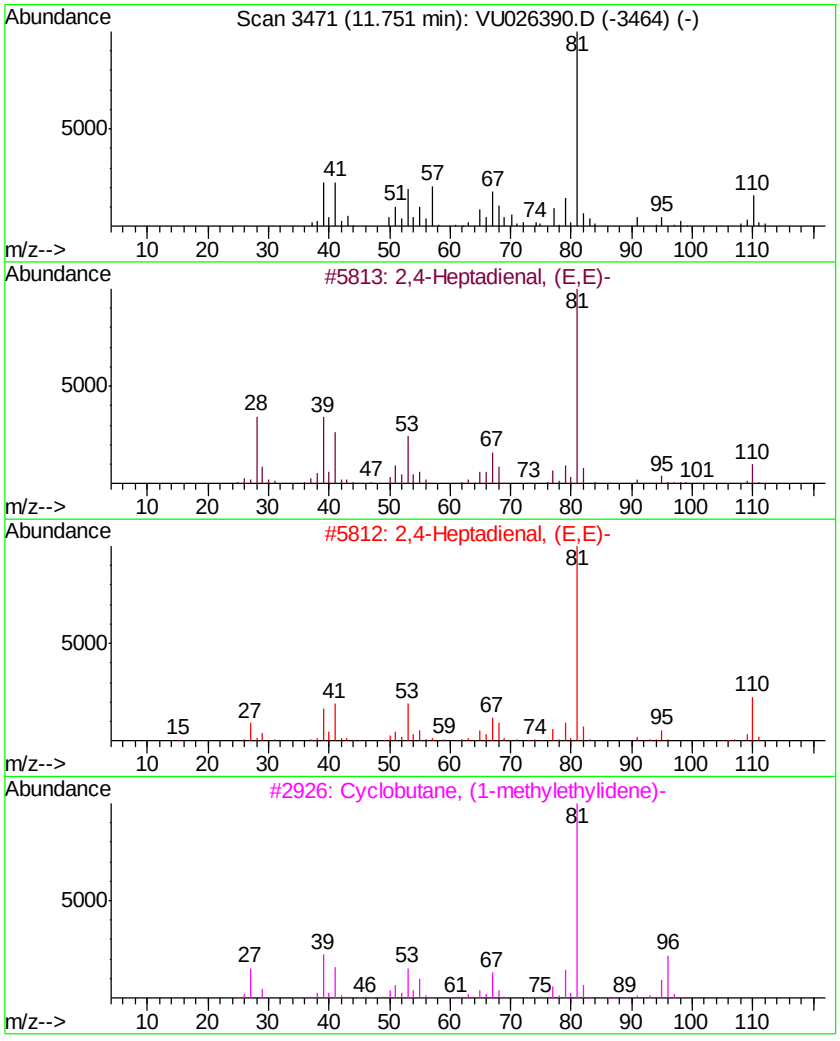
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

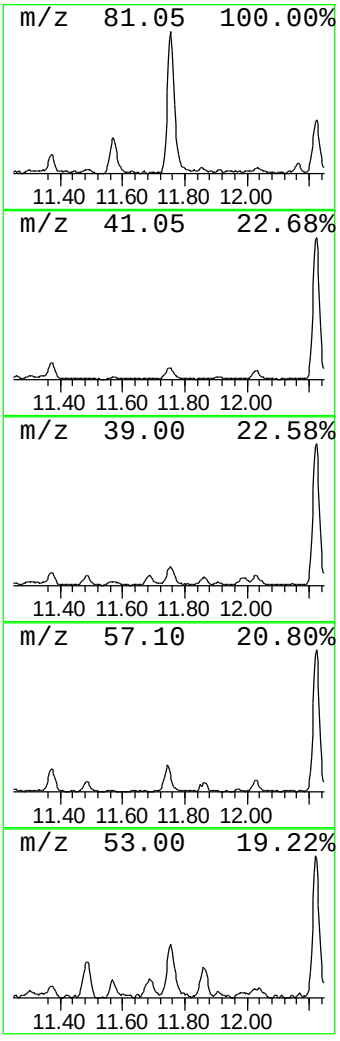
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2,4-Heptadienal, (E,E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.85 ug/L	108193	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	94
2	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	90
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	80
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	64
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	64





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

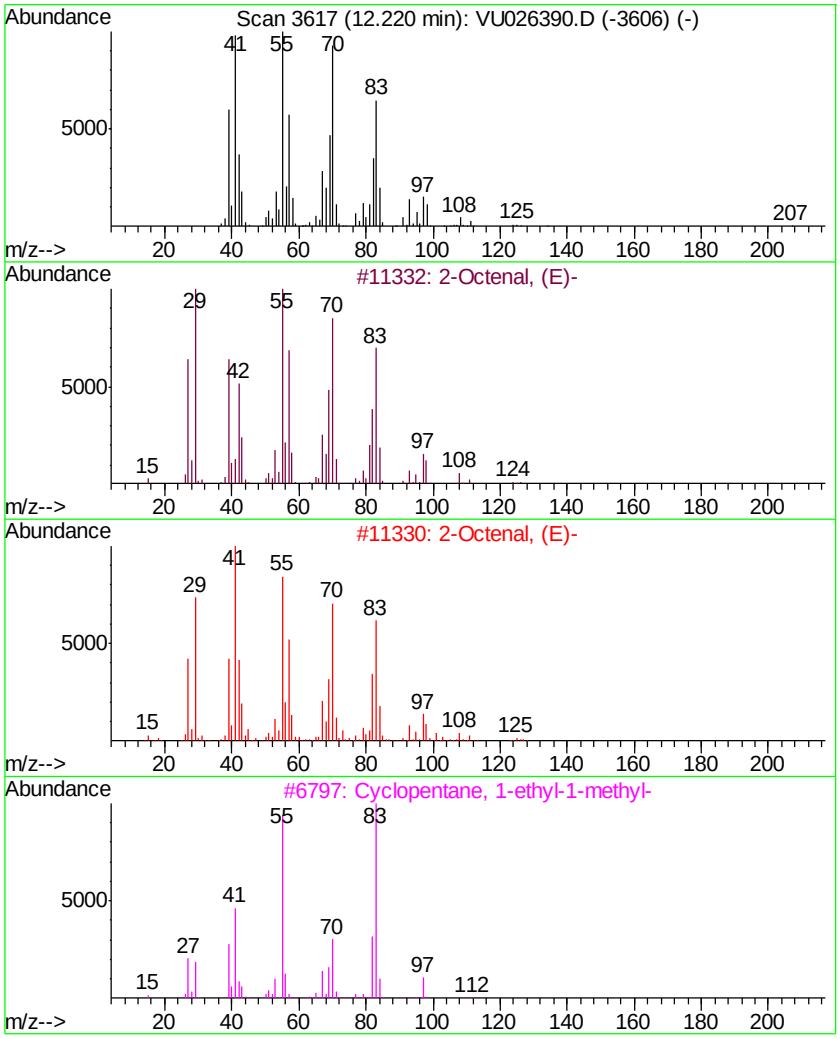
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

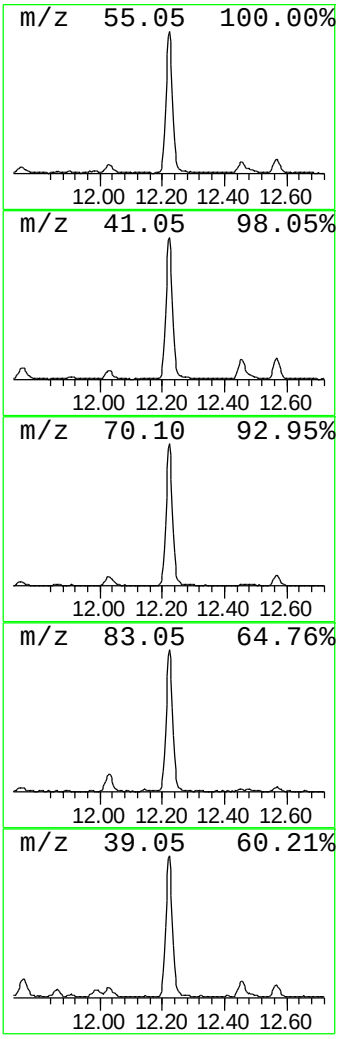
****

Peak Number 23 2-Octenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	30.50 ug/L	680000	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	72
2	2-Octenal, (E)-	126	C8H14O	002548-87-0	59
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	38
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	38





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

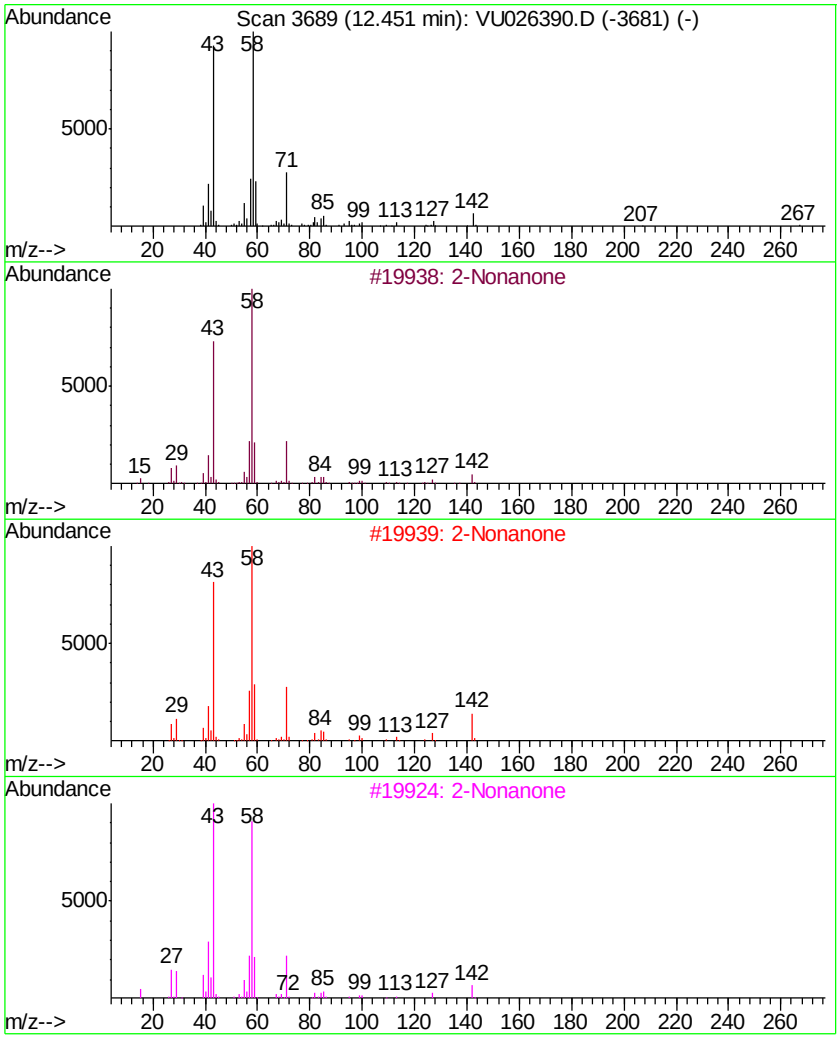
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

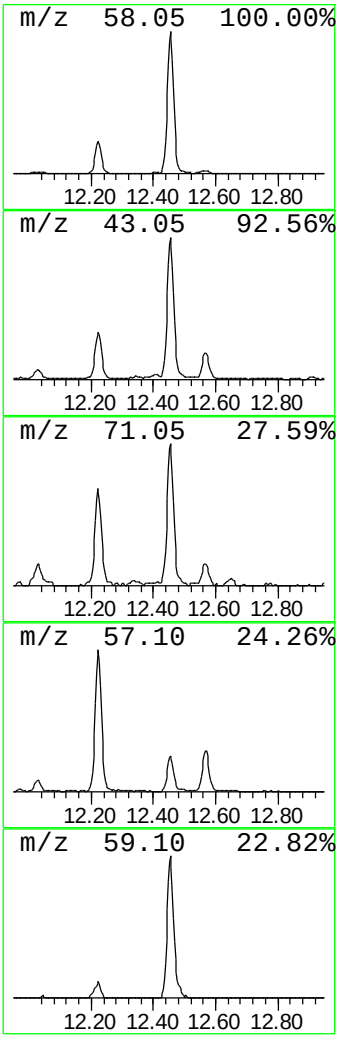
****

Peak Number 24 2-Nonanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	9.54 ug/L	212611	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	95
2	2-Nonanone	142	C9H18O	000821-55-6	91
3	2-Nonanone	142	C9H18O	000821-55-6	91
4	2-Nonanone	142	C9H18O	000821-55-6	80
5	2-Decanone	156	C10H20O	000693-54-9	78





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

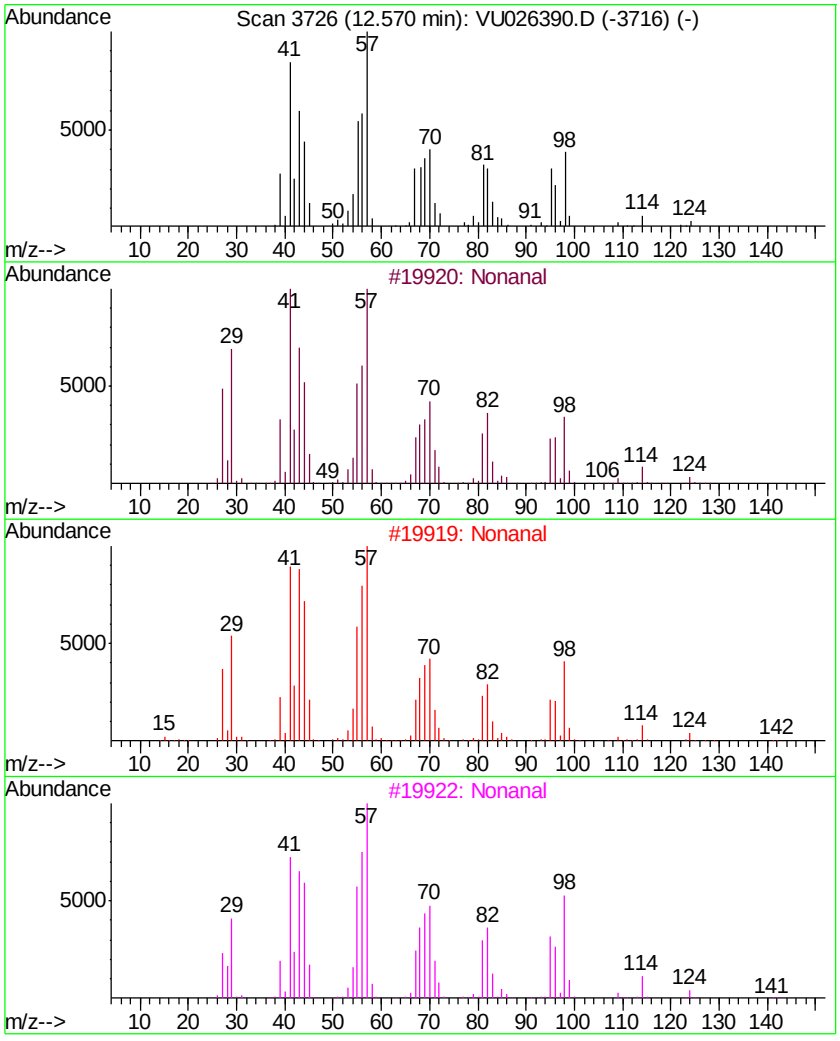
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

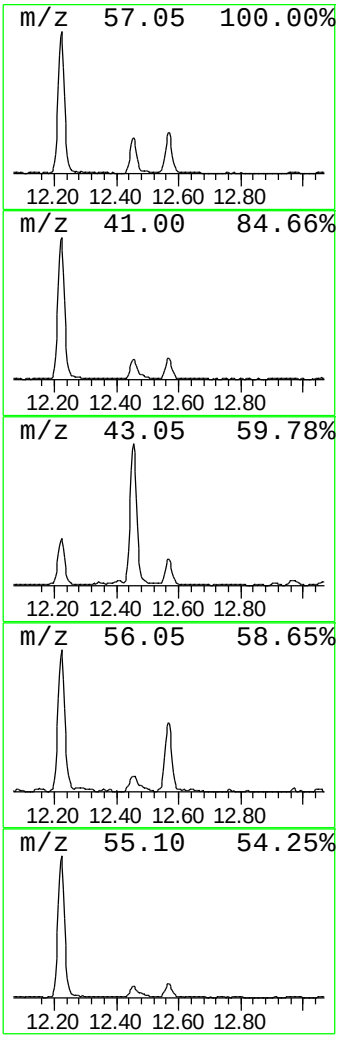
****

Peak Number 25 Nonanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.12 ug/L	114249	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	83
4	Nonanal	142	C9H18O	000124-19-6	80
5	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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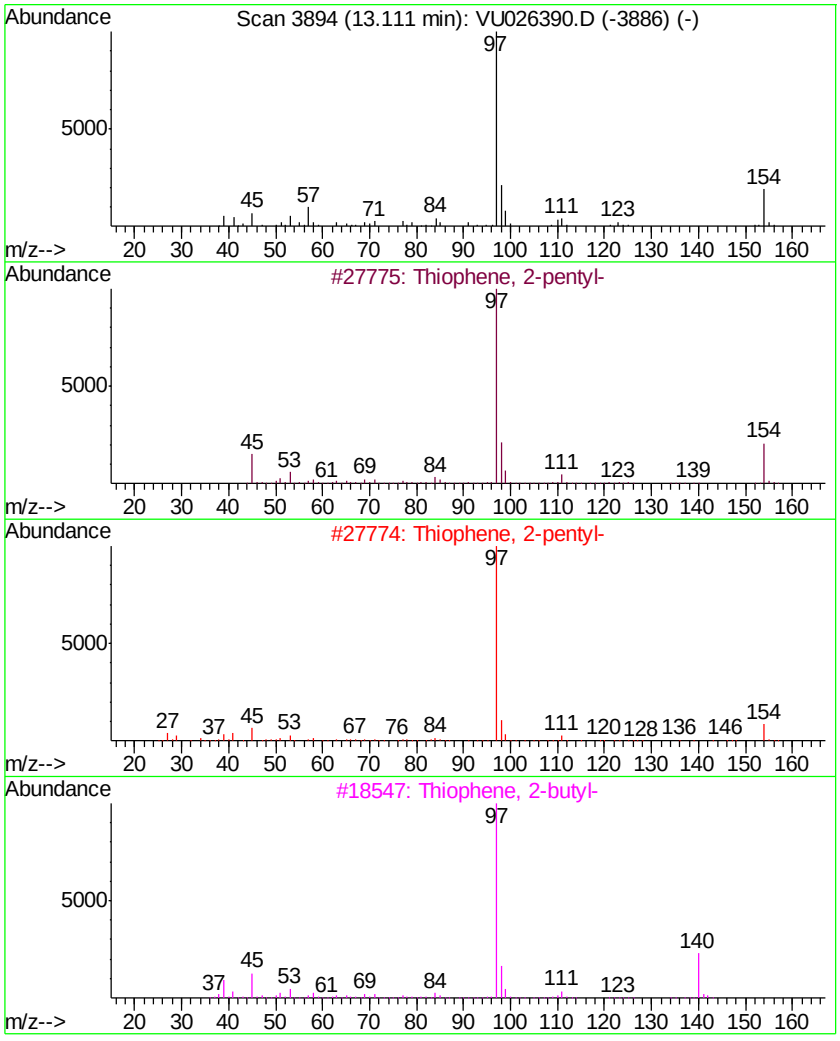
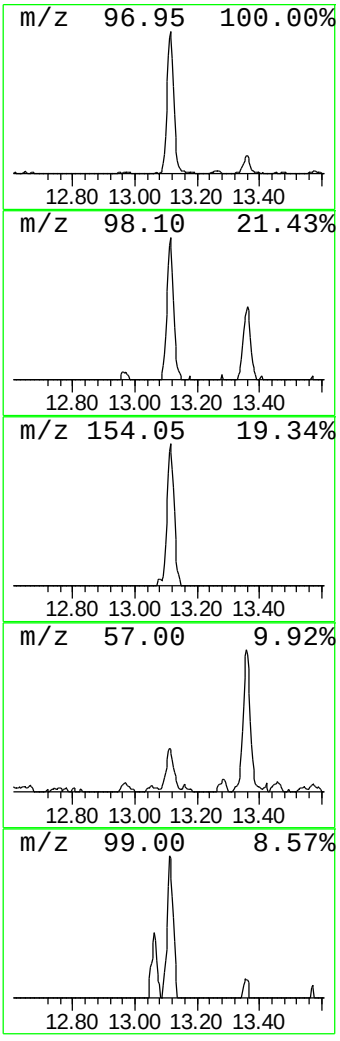
Peak Number 26 Thiophene, 2-pentyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.98 ug/L	66416	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	90
2	Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	64
3	Thiophene, 2-butyl-	140	C8H12S	001455-20-5	59
4	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	56
5	3-Thiopheneethanol	128	C6H8OS	013781-67-4	50





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

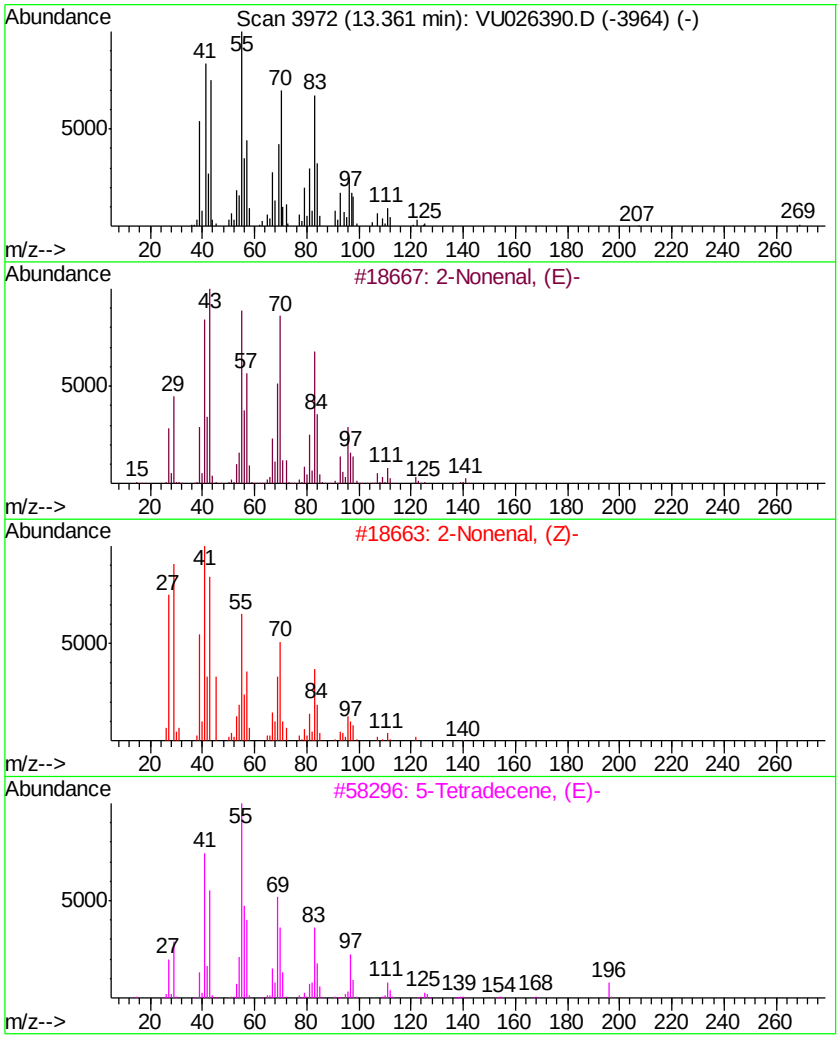
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

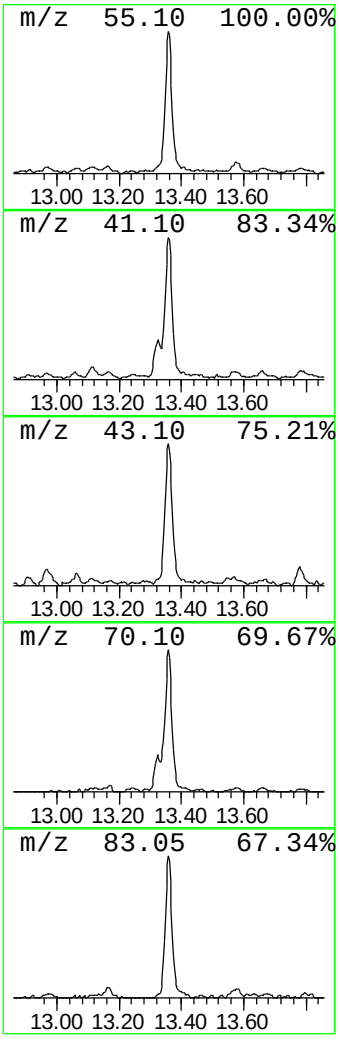
****

Peak Number 27 2-Nonenal, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	10.09 ug/L	225017	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	91
2	2-Nonenal, (Z)-	140	C9H16O	060784-31-8	72
3	5-Tetradecene, (E)-	196	C14H28	041446-66-6	43
4	1-Undecanol	172	C11H24O	000112-42-5	43
5	3-Tridecene, (E)-	182	C13H26	041446-57-5	38





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

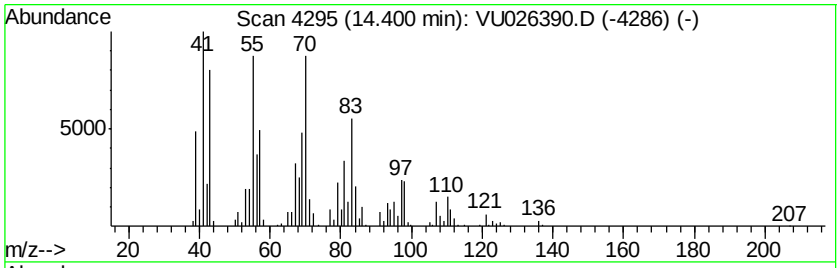
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

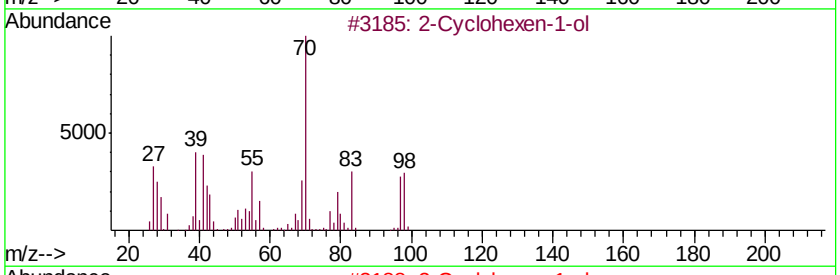
****

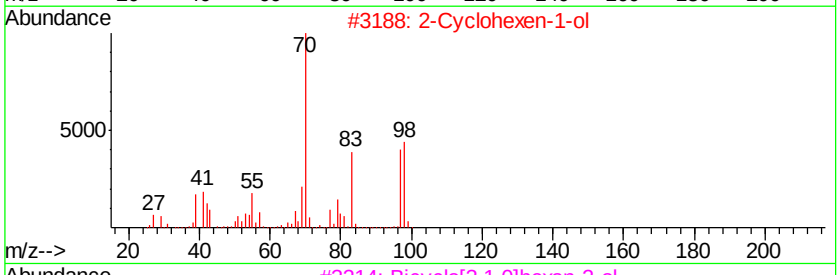
Peak Number 28 unknown-01 Concentration Rank 10

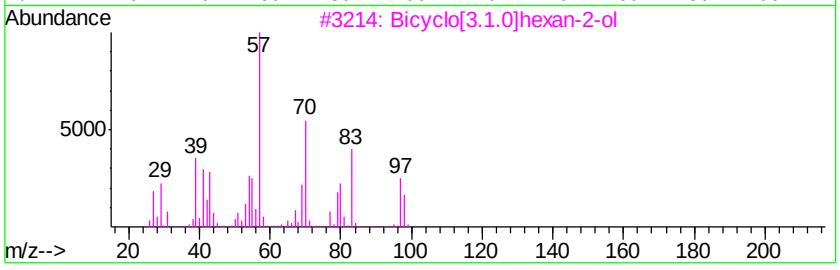
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	14.53 ug/L	323979	1,4-Dichlorobenzene-d4	11.49

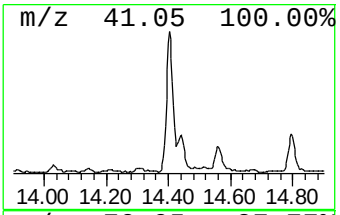
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
3	Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	49
4	2-Decenal, (E)-	154	C10H18O	003913-81-3	47
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	43

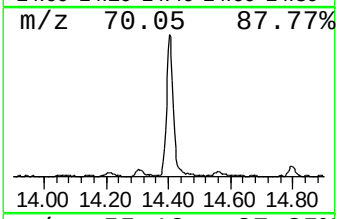


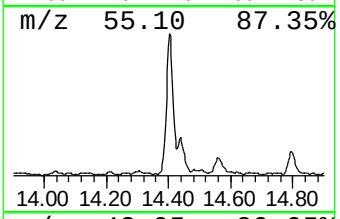


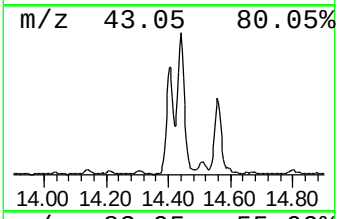


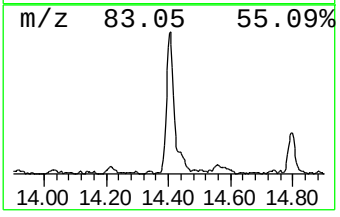












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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

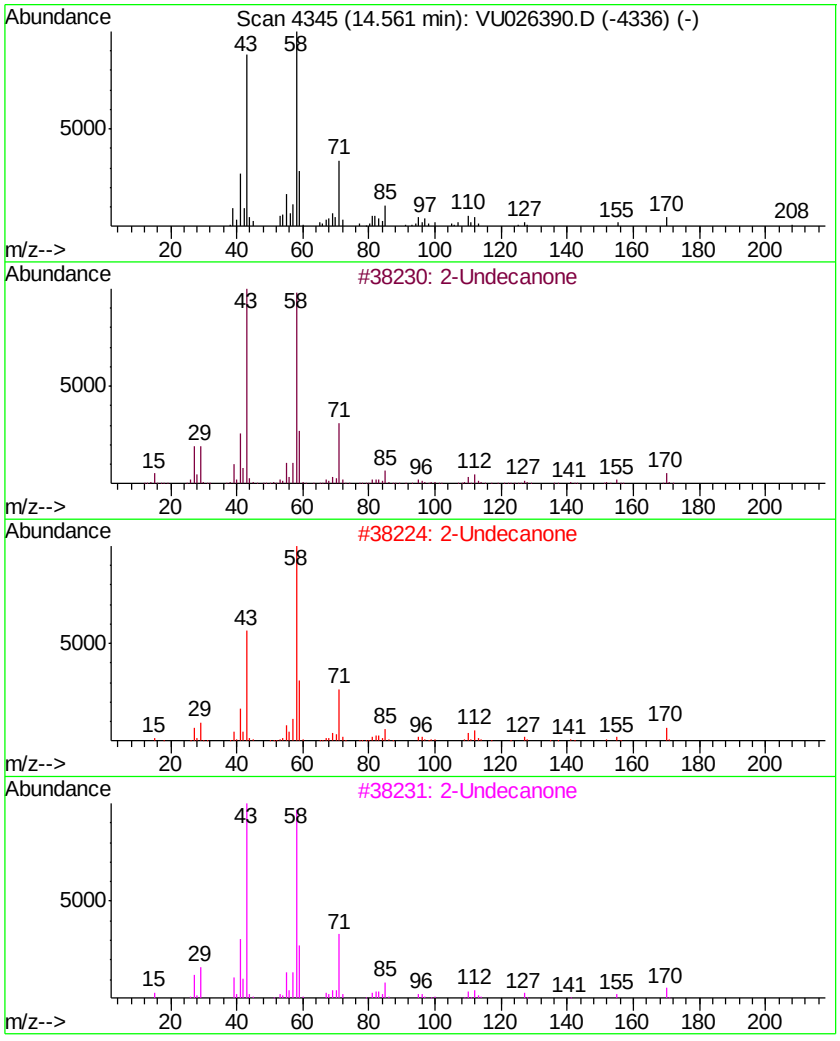
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

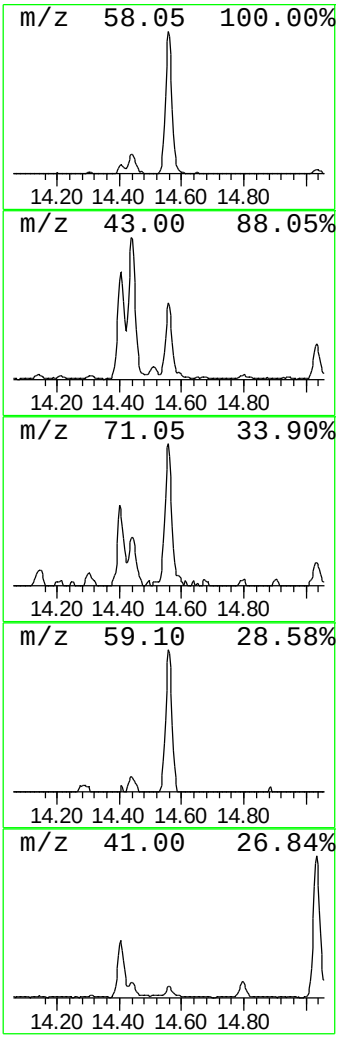
****

Peak Number 29 2-Undecanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.80 ug/L	84692	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone	170	C11H22O	000112-12-9	90
2	2-Undecanone	170	C11H22O	000112-12-9	90
3	2-Undecanone	170	C11H22O	000112-12-9	90
4	2-Dodecanone	184	C12H24O	006175-49-1	80
5	2-Dodecanone	184	C12H24O	006175-49-1	72





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Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

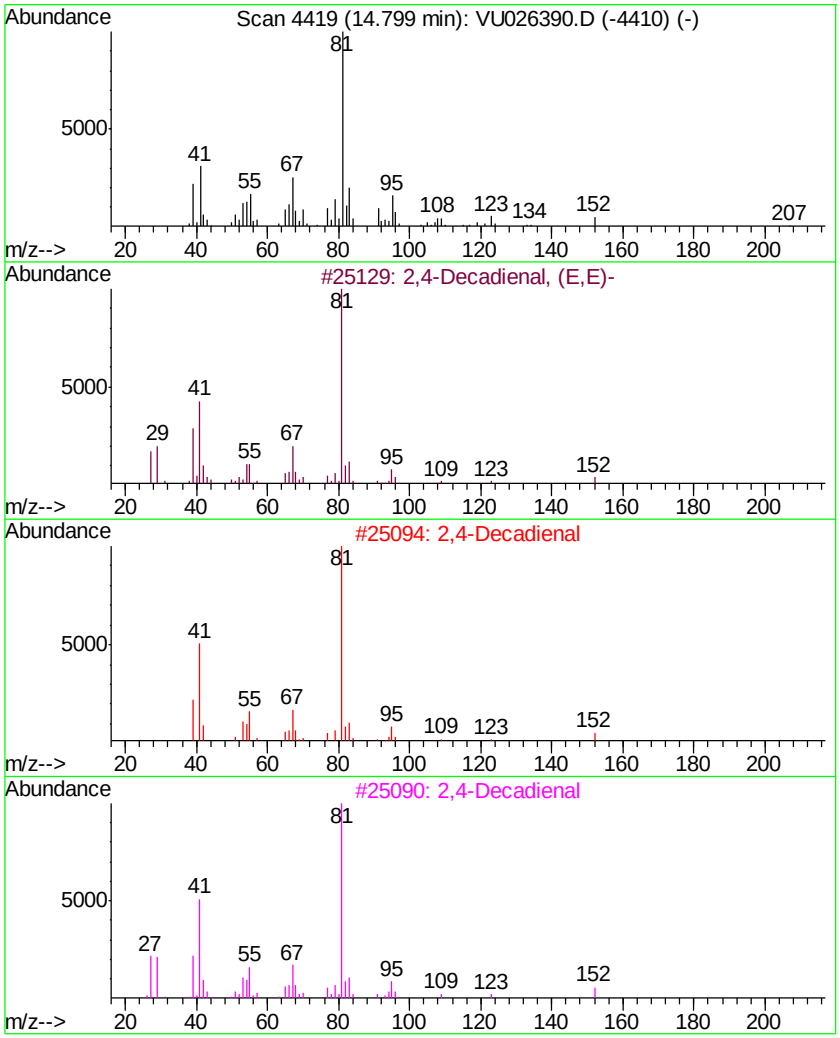
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

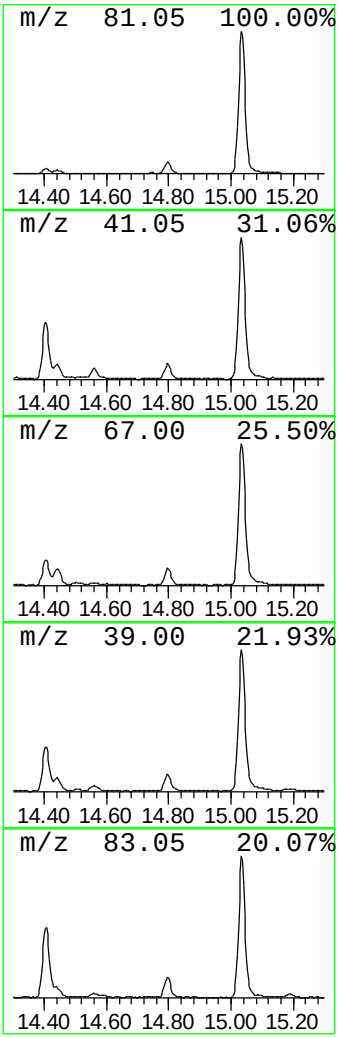
****

Peak Number 30 2,4-Decadienal, (E,E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.93 ug/L	109843	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
2	2,4-Decadienal	152	C10H16O	002363-88-4	72
3	2,4-Decadienal	152	C10H16O	002363-88-4	64
4	2,4-Undecadienal	166	C11H18O	013162-46-4	59
5	Cyclohexanol, 4-(1-methylethyl)-	142	C9H18O	004621-04-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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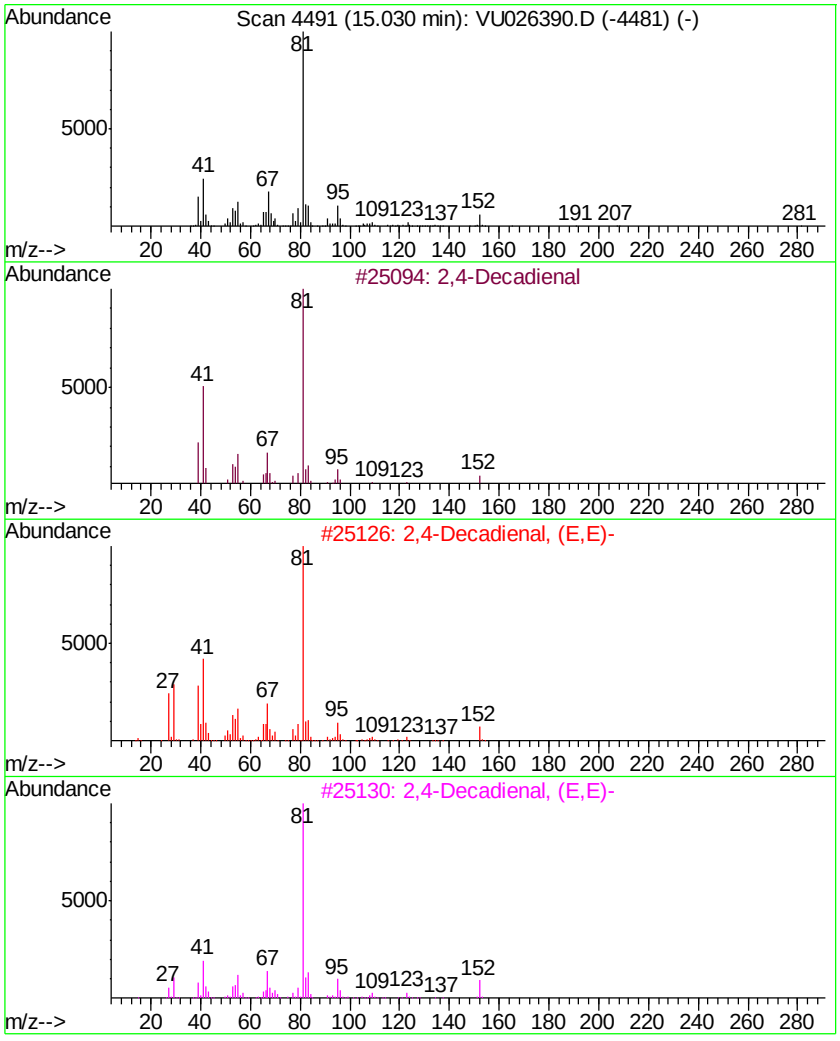
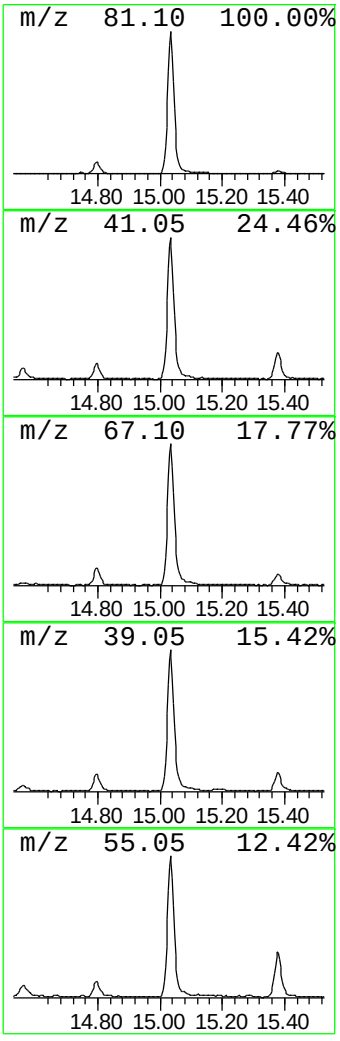
Peak Number 31 2,4-Decadienal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	47.68 ug/L	1063030	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal	152	C10H16O	002363-88-4	90
2	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
3	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
4	2,4-Decadienal	152	C10H16O	002363-88-4	87
5	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	83





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

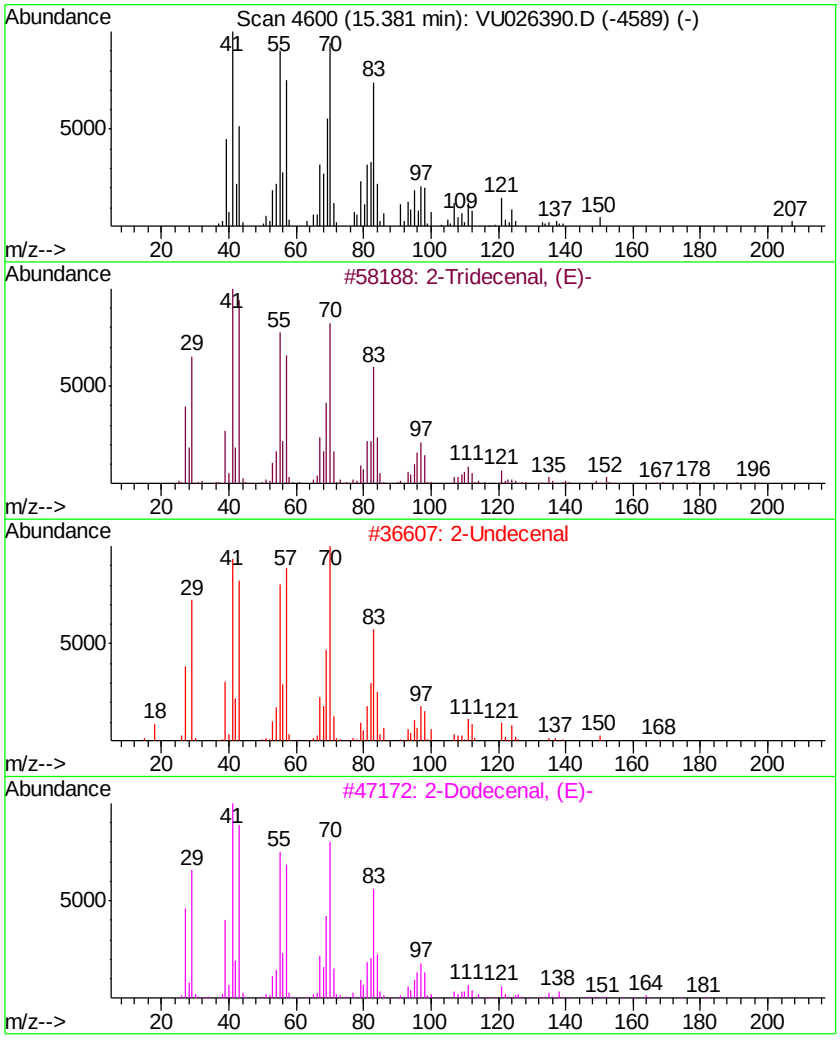
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

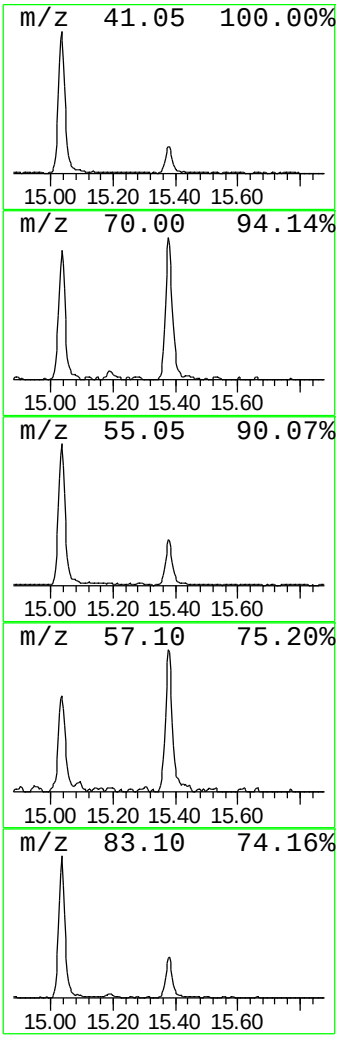
****

Peak Number 32 2-Tridecenal, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	7.88 ug/L	175596	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	80
2	2-Undecenal	168	C11H20O	002463-77-6	80
3	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	50
5	Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082718\
Data File : VU026390.D
Acq On : 27 Aug 2018 11:40
Operator : MD/SY
Sample : J4622-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBJ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.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...	1.95	44.3	ug/L	685544	1	5.89	773568	50.0
Dimethyl sulfide	2.38	4.4	ug/L	68241	1	5.89	773568	50.0
Isopropyl Alcohol	2.44	3.0	ug/L	45781	1	5.89	773568	50.0
Butanal	3.99	4.1	ug/L	62879	1	5.89	773568	50.0
2-Butanol	4.57	3.6	ug/L	55135	1	5.89	773568	50.0
(DEL) Alkane: Str...	5.79	5.2	ug/L	80043	1	5.89	773568	50.0
2-Pentanone	6.42	6.5	ug/L	101133	1	5.89	773568	50.0
Pentanal	6.53	30.8	ug/L	476566	1	5.89	773568	50.0
2-Pentenal, (E)-	7.90	2.8	ug/L	52992	2	9.09	964810	50.0
Hexanal	8.47	319.6	ug/L	6167180	2	9.09	964810	50.0
2-Heptanone	9.92	2.7	ug/L	52031	2	9.09	964810	50.0
Heptanal	10.03	17.7	ug/L	341096	2	9.09	964810	50.0
2-Heptenal, (Z)-	10.97	28.9	ug/L	644832	3	11.49	1114730	50.0
1-Octen-3-one	11.08	2.8	ug/L	61396	3	11.49	1114730	50.0
1-Octen-3-ol	11.11	5.5	ug/L	123472	3	11.49	1114730	50.0
Octanal	11.37	3.4	ug/L	76057	3	11.49	1114730	50.0
Phenol, 2-chloro-	11.69	5.7	ug/L	126280	3	11.49	1114730	50.0
2,4-Heptadienal, ...	11.75	4.8	ug/L	108193	3	11.49	1114730	50.0
2-Octenal, (E)-	12.22	30.5	ug/L	680000	3	11.49	1114730	50.0
2-Nonanone	12.45	9.5	ug/L	212611	3	11.49	1114730	50.0
Nonanal	12.57	5.1	ug/L	114249	3	11.49	1114730	50.0
Thiophene, 2-pentyl-	13.11	3.0	ug/L	66416	3	11.49	1114730	50.0
2-Nonenal, (E)-	13.36	10.1	ug/L	225017	3	11.49	1114730	50.0
unknown-01	14.40	14.5	ug/L	323979	3	11.49	1114730	50.0
2-Undecanone	14.56	3.8	ug/L	84692	3	11.49	1114730	50.0
2,4-Decadienal, (...	14.80	4.9	ug/L	109843	3	11.49	1114730	50.0
2,4-Decadienal	15.03	47.7	ug/L	1063030	3	11.49	1114730	50.0
2-Tridecenal, (E)-	15.38	7.9	ug/L	175596	3	11.49	1114730	50.0