LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

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\SOMVLM081120WMA.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	1.116	3	8	20	rVB2	40986	48134	0.80%	0.149%
2	1.222	36	41	43	rBV2	6067	6020	0.10%	0.019%
3	1.315	62	70	81	rVB	140624	151121	2.51%	0.466%
4	1.389	82	93	113	rBV2	63417	157570	2.61%	0.486%
5	1.479	117	121	137	rVB2	17985	33285	0.55%	0.103%
6	1.579	145	152	168	rVB	115590	134245	2.23%	0.414%
7	1.817	221	226	236	rVB	17993	23428	0.39%	0.072%
8	2.055	254	300	314	rBV3	465161	3215259	53.34%	9.923%
9	2.193	333	343	346	rBV	817998	1328288	22.03%	4.099%
10	2.386	373	403	414	rBV2	158322	813918	13.50%	2.512%
11	2.447	416	422	477	rVB	263653	650720	10.79%	2.008%
12	2.981	577	588	599	rVV3	3220	6836	0.11%	0.021%
13	3.064	609	614	623	rVB5	1500	2511	0.04%	0.008%
14	3.492	710	747	806	rBV3	136596	1193101	19.79%	3.682%
15	3.720	808	818	846	rVB3	37220	99602	1.65%	0.307%
16	3.913	865	878	893	rBV	85671	263685	4.37%	0.814%
17	3.997	894	904	923	rVV2	79635	229672	3.81%	0.709%
18	4.097	923	935	969	rVB	90712	244487	4.06%	0.755%
19	4.376	1002	1022	1054	rBV	174593	475539	7.89%	1.468%
20	4.524	1056	1068	1100	rVB	118680	282298	4.68%	0.871%
21	5.074	1221	1239	1254	rBV2	376832	969422	16.08%	2.992%
22	5.312	1305	1313	1319	rBV3	1422	2406	0.04%	0.007%
23	5.392	1329	1338	1357	rVB2	8640	19472	0.32%	0.060%
24	5.553	1369	1388	1403	rBV2	16479	40594	0.67%	0.125%
25	5.640	1403	1415	1439	rVV	300322	595078	9.87%	1.837%
26	5.814	1459	1469	1487	rVB4	3924	9518	0.16%	0.029%
27	5.994	1491	1525	1548	rVV	1614872	6028387	100.00%	18.605%
28	6.093	1549	1556	1578	rVV	258817	570472	9.46%	1.761%
29	6.199	1581	1589	1615	rVV	36898	107879	1.79%	0.333%
30	6.312	1619	1624	1630	rVV4	11240	19967	0.33%	0.062%
31	6.357	1630	1638	1667	rVB	37582	110285	1.83%	0.340%
32	6.495	1675	1681	1693	rBV3	3617	6818	0.11%	0.021%
33	6.582	1698	1708	1712	rVV2	11424	21953	0.36%	0.068%
34	6.627	1713	1722	1751	rVB	137504	254142	4.22%	0.784%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

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\SOMVLM081120WMA.M
Title : VOC Analysis

35	7.010	1830	1841	1861	rVB	59987	105383	1.75%	0.325%
36	7.125	1867	1877	1878	rBV5	1735	2128	0.04%	0.007%
37	7.206	1893	1902	1904	rBV3	4220	5451	0.09%	0.017%
38	7.248	1904	1915	1928	rVV	239334	413552	6.86%	1.276%
39	7.338	1932	1943	1954	rVV	432144	743861	12.34%	2.296%
40	7.389	1954	1959	2000	rVB6	40229	134979	2.24%	0.417%
41	7.547	2001	2008	2016	rBV2	6274	10503	0.17%	0.032%
42	7.646	2029	2039	2052	rVB3	47307	84041	1.39%	0.259%
43	7.717	2052	2061	2082	rVB2	24233	49879	0.83%	0.154%
44	7.881	2103	2112	2121	rBV2	4647	8704	0.14%	0.027%
45	7.942	2121	2131	2156	rBV	216511	480658	7.97%	1.483%
46	8.055	2158	2166	2174	rVV	92407	137935	2.29%	0.426%
47	8.106	2174	2182	2197	rVB	263368	420904	6.98%	1.299%
48	8.260	2222	2230	2242	rBV2	43110	72684	1.21%	0.224%
49	8.321	2243	2249	2264	rVB2	16003	27902	0.46%	0.086%
50	8.399	2268	2273	2285	rVB7	2819	5071	0.08%	0.016%
51	8.466	2285	2294	2313	rVB	49689	78655	1.30%	0.243%
52	8.733	2341	2377	2404	rBV	1557385	5520635	91.58%	17.038%
53	8.871	2410	2420	2452	rVB	460092	768812	12.75%	2.373%
54	9.129	2492	2500	2518	rVB2	25455	44659	0.74%	0.138%
55	9.276	2535	2546	2572	rVB3	15489	46779	0.78%	0.144%
56	9.495	2604	2614	2630	rBV	795808	1278108	21.20%	3.945%
57	9.591	2637	2644	2666	rVB	112594	192063	3.19%	0.593%
58	9.720	2674	2684	2706	rVB2	71907	115245	1.91%	0.356%
59	9.829	2712	2718	2720	rBV5	3388	3820	0.06%	0.012%
60	9.858	2720	2727	2747	rVB	40362	71161	1.18%	0.220%
61	9.952	2747	2756	2758	rBV	36374	42701	0.71%	0.132%
62	9.981	2759	2765	2773	rVB	74374	107782	1.79%	0.333%
63	10.109	2792	2805	2833	rBV	104471	246738	4.09%	0.762%
64	10.238	2834	2845	2867	rVB	302266	479327	7.95%	1.479%
65	10.437	2901	2907	2913	rBV2	4118	5756	0.10%	0.018%
66	10.476	2913	2919	2927	rVV4	7676	10950	0.18%	0.034%
67	10.537	2930	2938	2947	rVB4	7532	11545	0.19%	0.036%
68	10.739	2995	3001	3007	rBV3	3016	3478	0.06%	0.011%
69	10.788	3007	3016	3025	rBV	41338	71560	1.19%	0.221%
70	10.836	3025	3031	3034	rBV2	17210	21058	0.35%	0.065%
71	10.865	3035	3040	3046	rVB	19978	26213	0.43%	0.081%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

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\SOMVLM081120WMA.M
Title : VOC Analysis

72	10.955	3060	3068	3079	rVB	111279	160782	2.67%	0.496%
73	11.074	3092	3105	3120	rBV5	54078	117024	1.94%	0.361%
74	11.145	3120	3127	3133	rBV2	14884	21808	0.36%	0.067%
75	11.206	3143	3146	3150	rBV	1625	1251	0.02%	0.004%
76	11.270	3152	3166	3182	rVB	411926	641469	10.64%	1.980%
77	11.353	3182	3192	3207	rBV	153467	285459	4.74%	0.881%
78	11.646	3271	3283	3299	rBV	390895	602811	10.00%	1.860%
79	11.746	3306	3314	3321	rBV3	3469	5633	0.09%	0.017%
80	11.807	3325	3333	3342	rVB7	4413	8395	0.14%	0.026%
81	12.025	3391	3401	3436	rBV	206158	395308	6.56%	1.220%
82	12.254	3465	3472	3480	rBV2	12671	18115	0.30%	0.056%
83	12.302	3481	3487	3498	rVV2	7875	12243	0.20%	0.038%
84	12.392	3500	3515	3537	rVB2	29924	61716	1.02%	0.190%
85	12.501	3542	3549	3571	rBV3	8855	17531	0.29%	0.054%
86	12.800	3637	3642	3655	rVB9	1511	3053	0.05%	0.009%
87	12.900	3661	3673	3679	rBV	6953	10441	0.17%	0.032%
88	13.109	3725	3738	3746	rBV	9022	17537	0.29%	0.054%
89	13.148	3746	3750	3766	rVB9	3768	7590	0.13%	0.023%
90	13.527	3859	3868	3870	rBV4	2040	2110	0.04%	0.007%
91	13.562	3871	3879	3891	rVB2	8802	14716	0.24%	0.045%
92	13.736	3929	3933	3944	rVV6	1037	1699	0.03%	0.005%
93	13.923	3984	3991	4001	rVB4	1912	2422	0.04%	0.007%
94	14.054	4023	4032	4042	rBV3	2465	4088	0.07%	0.013%
95	14.440	4142	4152	4158	rBV4	1817	2603	0.04%	0.008%
96	14.562	4182	4190	4194	rBV6	896	1056	0.02%	0.003%
97	14.591	4194	4199	4206	rVB6	2431	3527	0.06%	0.011%
98	14.951	4305	4311	4319	rBV7	1751	2845	0.05%	0.009%
99	15.755	4553	4561	4572	rVV4	5699	8070	0.13%	0.025%
100	16.225	4700	4707	4716	rVB3	2266	3133	0.05%	0.010%

Sum of corrected areas: 32401227

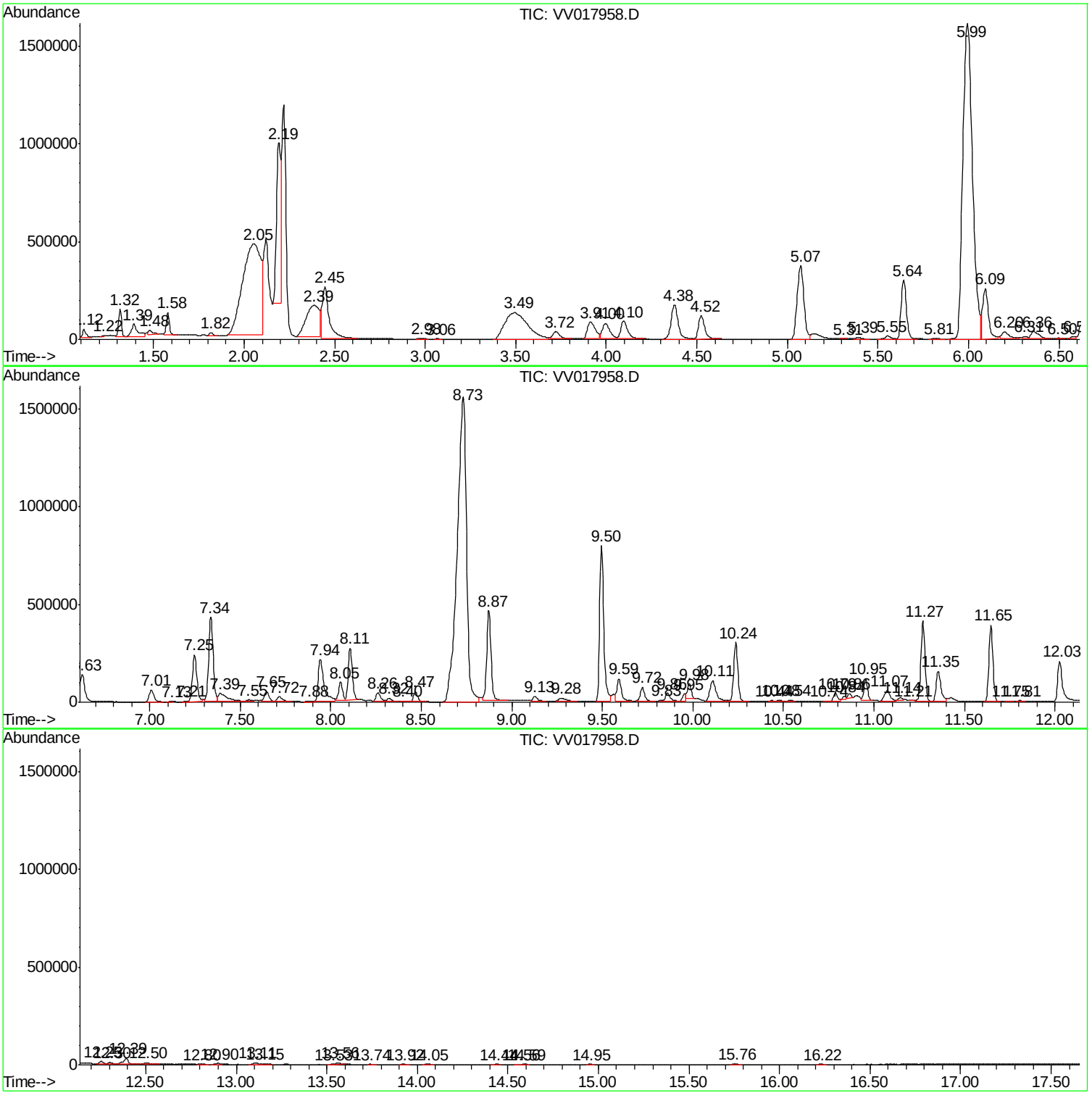
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.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\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

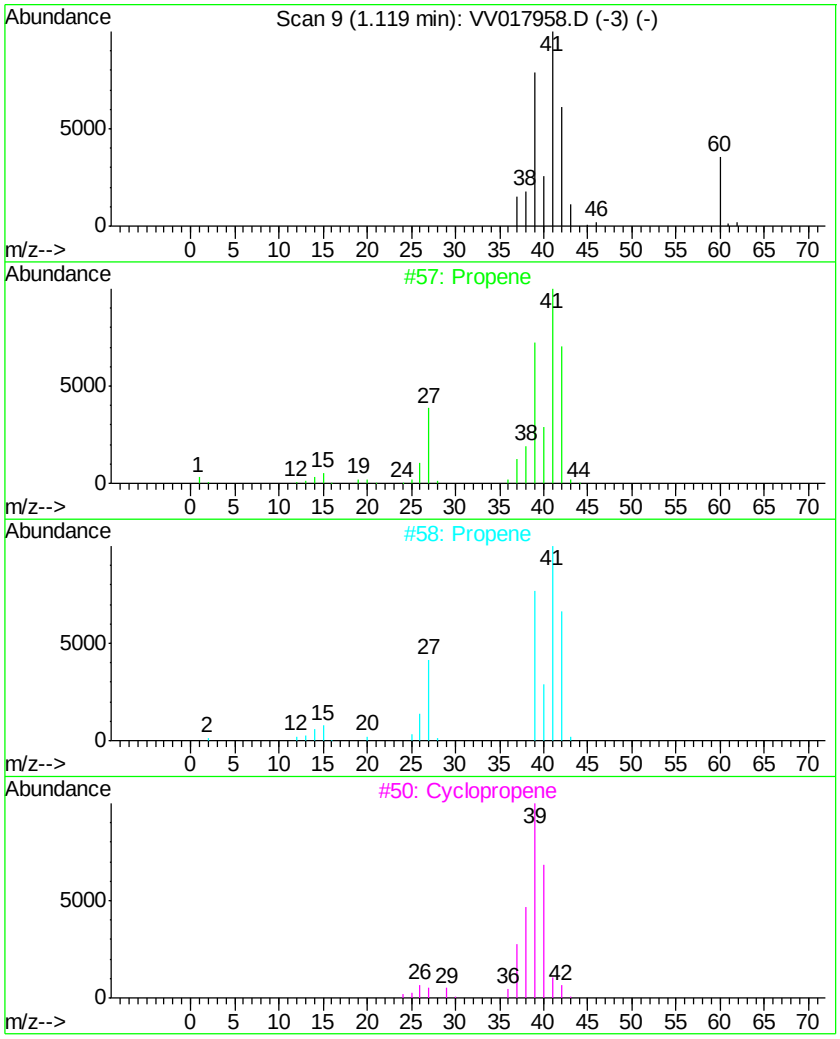
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

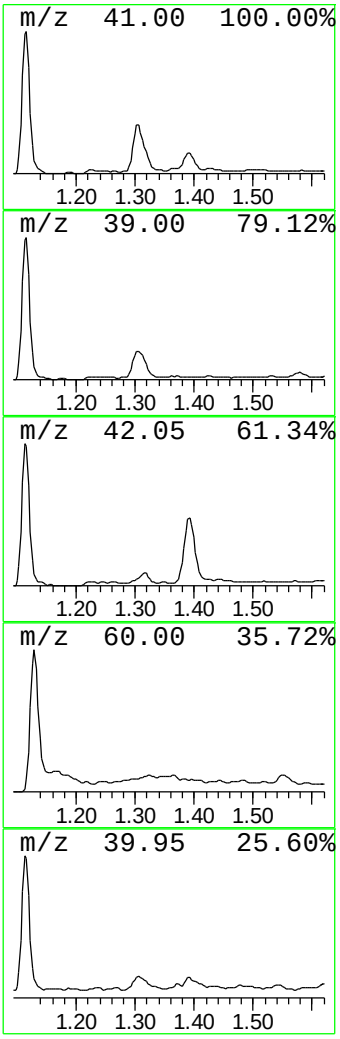
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	4.04 ug/L	48134	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	Cyclopropene	40	C3H4	002781-85-3	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

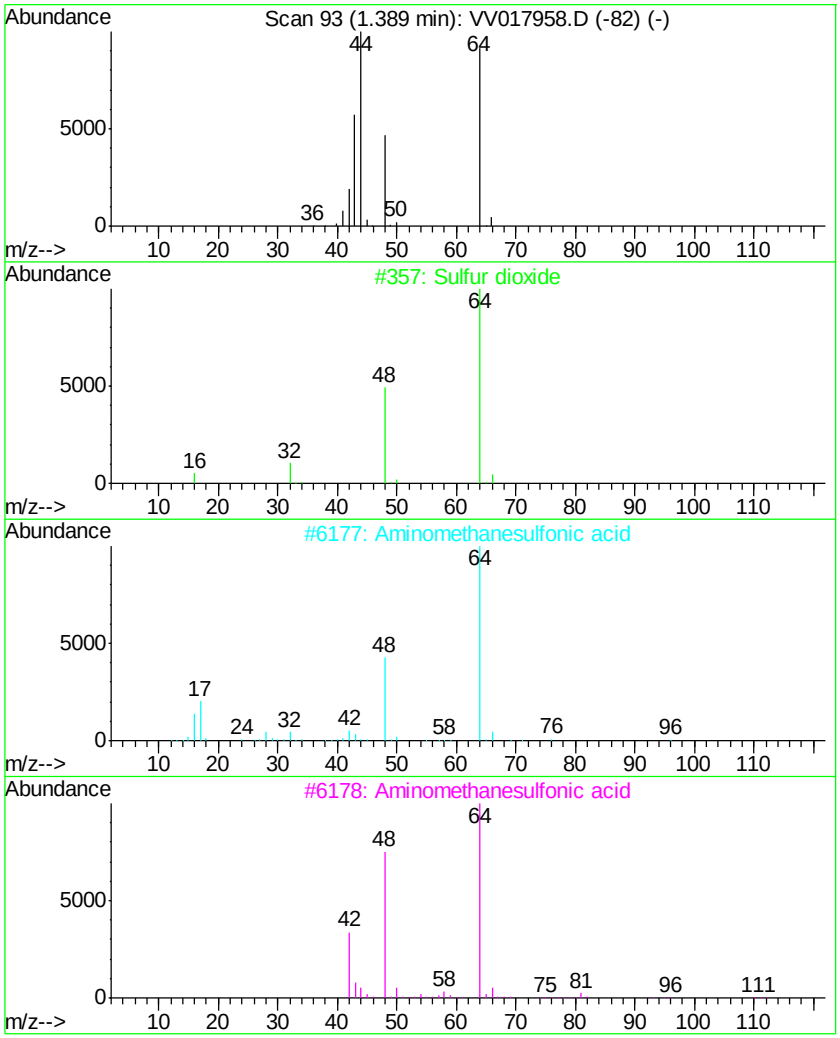
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

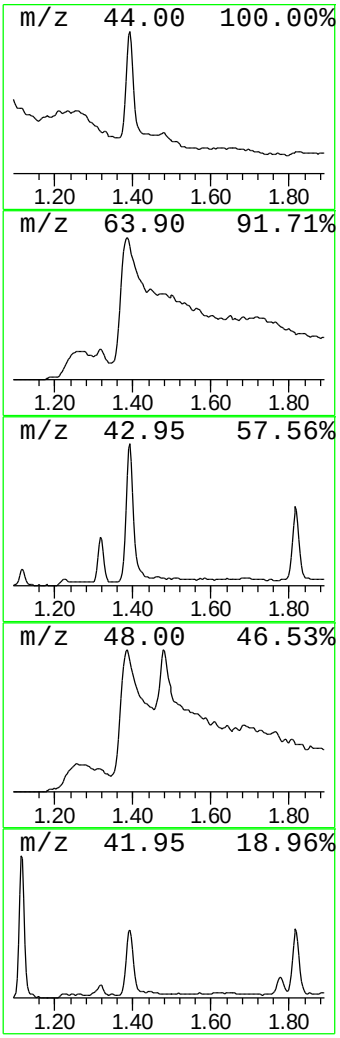
****

Peak Number 2 Sulfur dioxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	13.24 ug/L	157570	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	64
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	39
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	L-Cysteine sulfinic acid	153	C3H7NO4S	001115-65-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

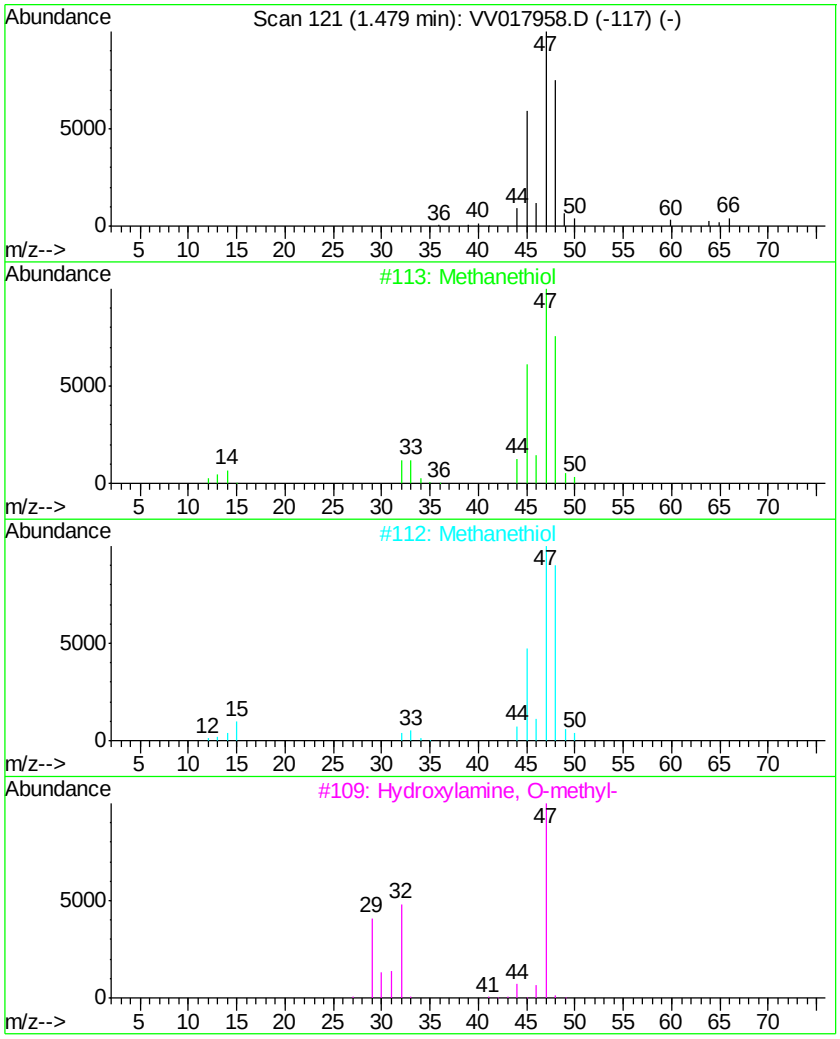
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

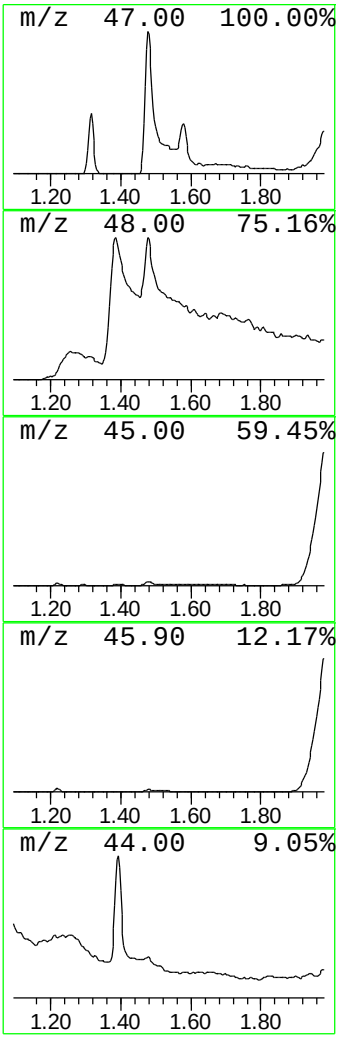
****

Peak Number 3 Methanethiol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	2.80 ug/L	33285	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

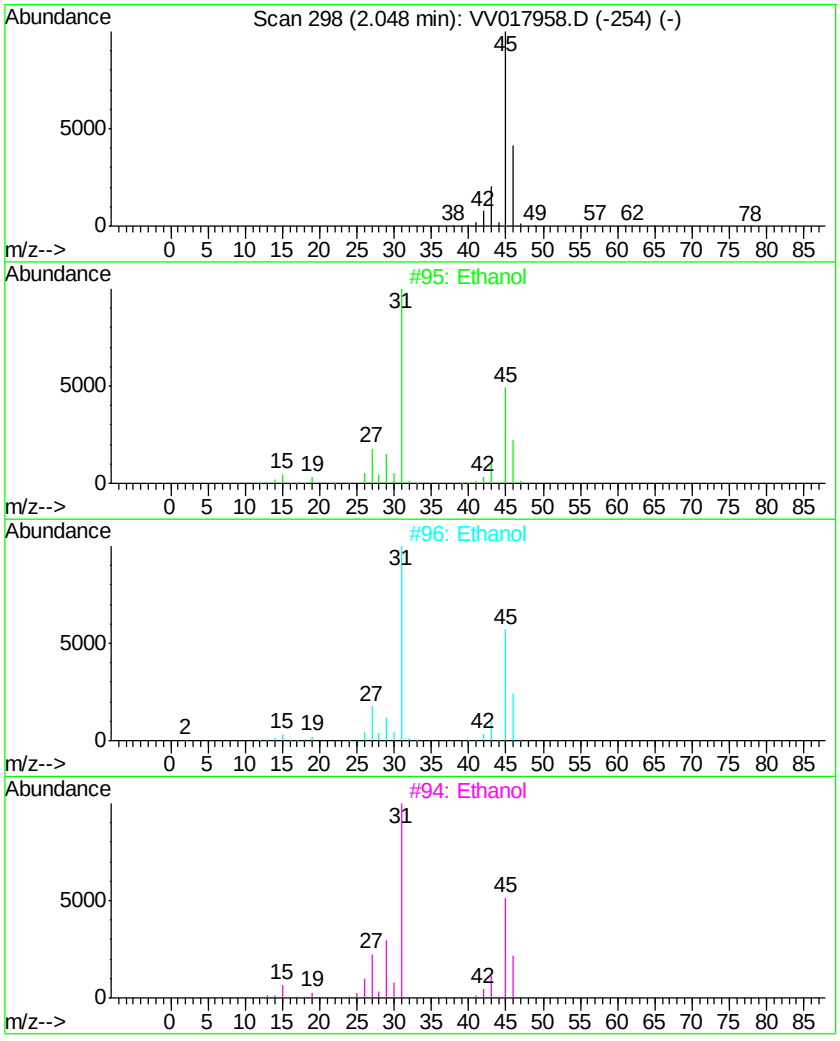
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

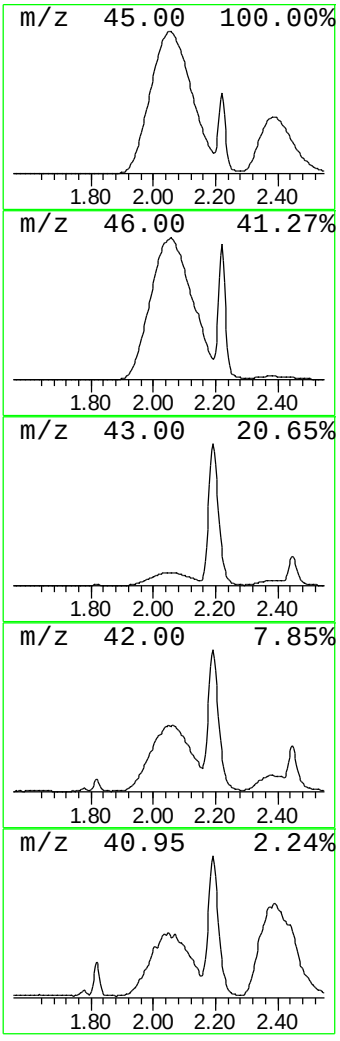
****

Peak Number 4 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.05	270.15 ug/L	3215260	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
2	Ethanol	46	C2H6O	000064-17-5	83
3	Ethanol	46	C2H6O	000064-17-5	74
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

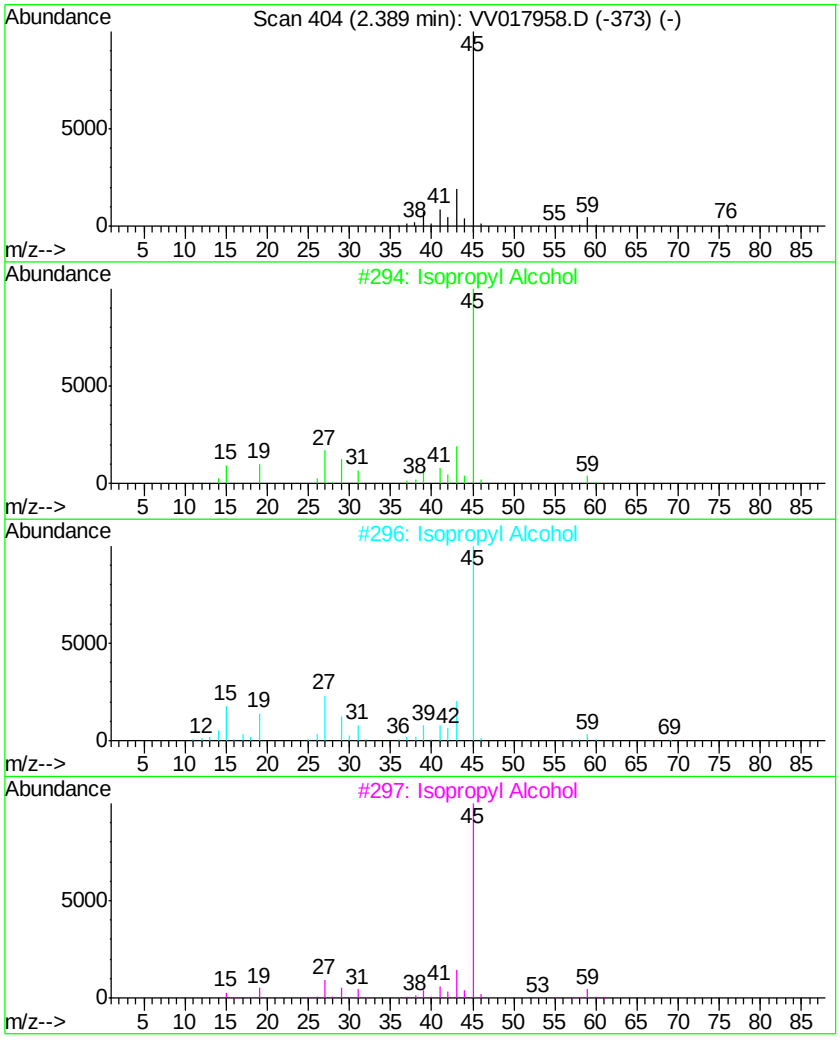
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

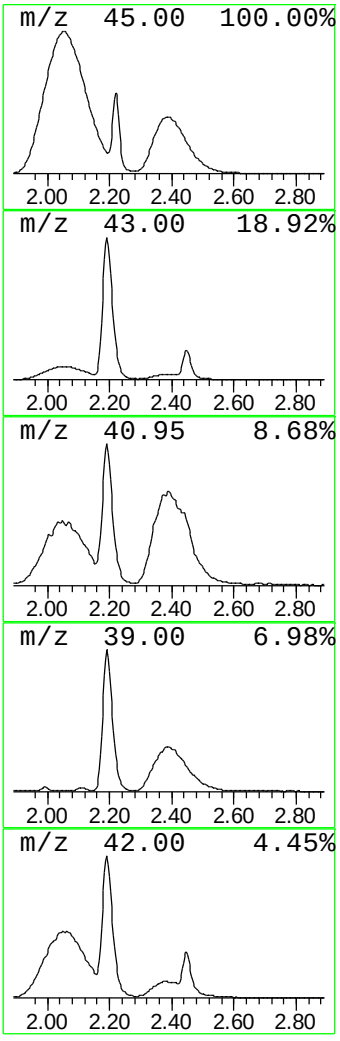
****

Peak Number 5 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	68.39 ug/L	813918	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

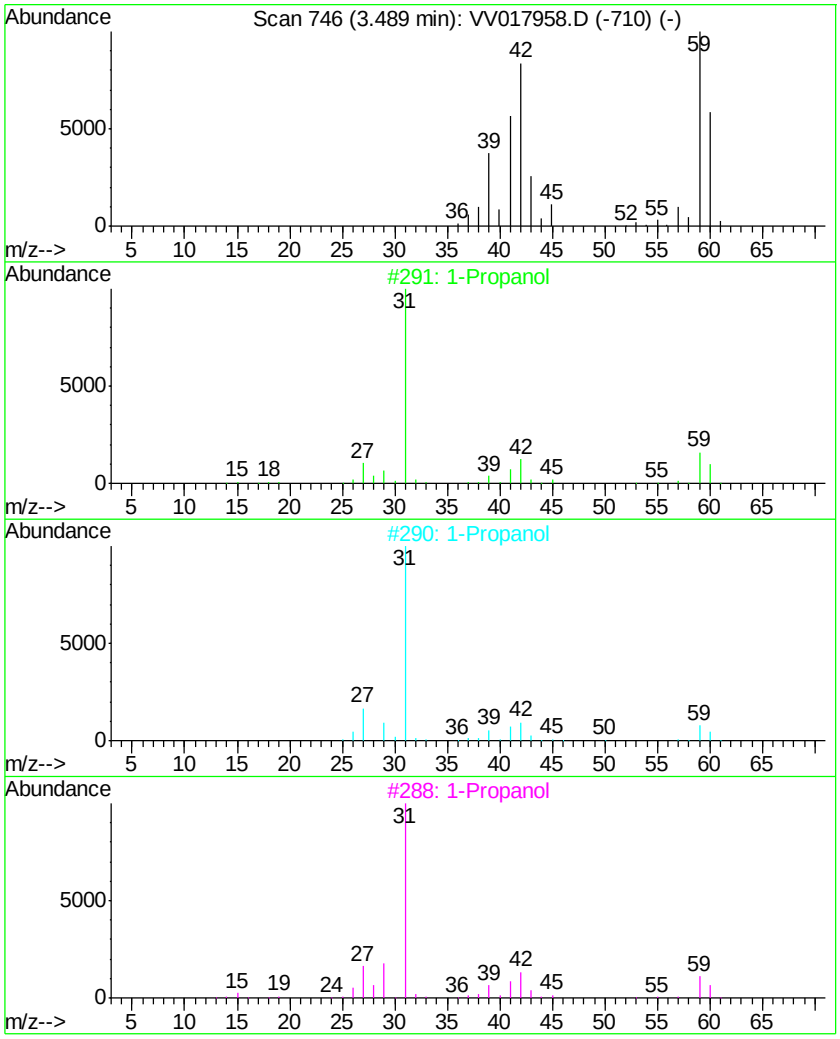
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

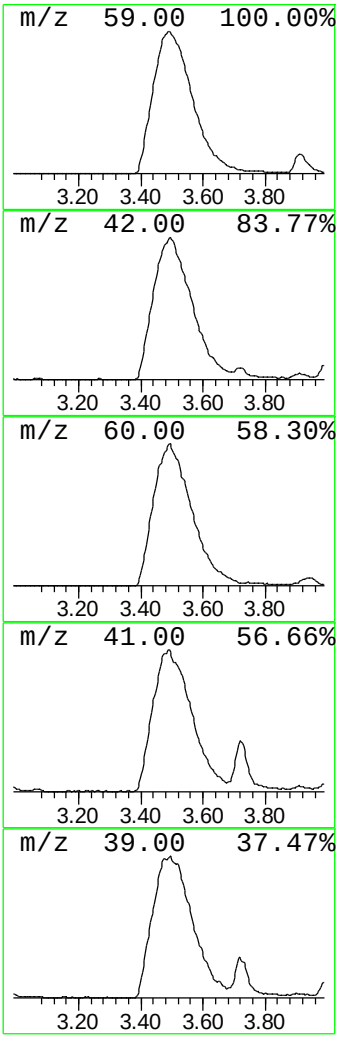
****

Peak Number 6 1-Propanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	100.25 ug/L	1193100	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	78
2	1-Propanol	60	C3H8O	000071-23-8	64
3	1-Propanol	60	C3H8O	000071-23-8	58
4	2-Fluoropropene	60	C3H5F	001184-60-7	52
5	Allyl fluoride	60	C3H5F	000818-92-8	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
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Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

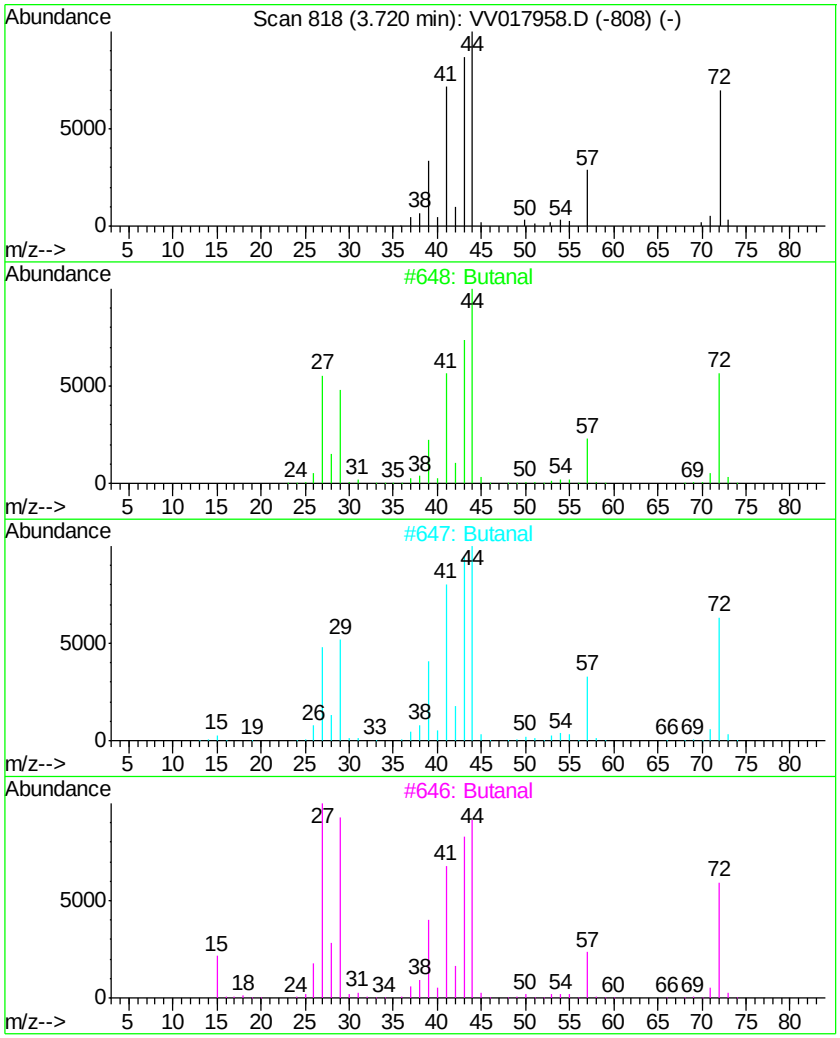
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

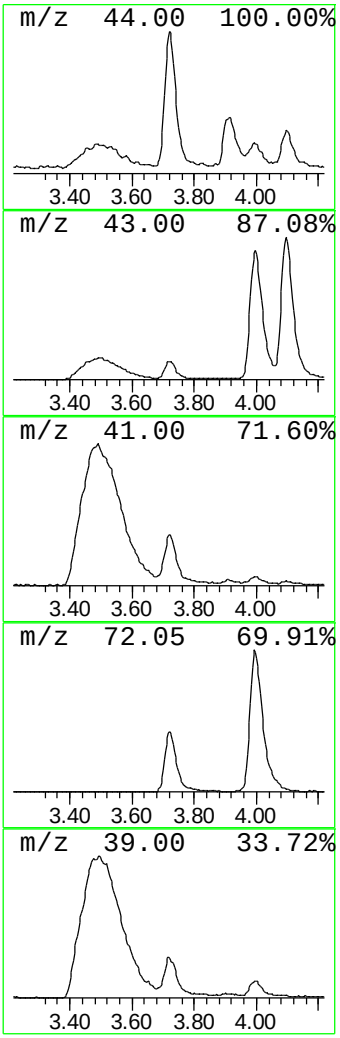
****

Peak Number 7 Butanal Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	8.37 ug/L	99602	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	78
3	Butanal	72	C4H8O	000123-72-8	56
4	Ethene, ethoxy-	72	C4H8O	000109-92-2	56
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	43





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Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

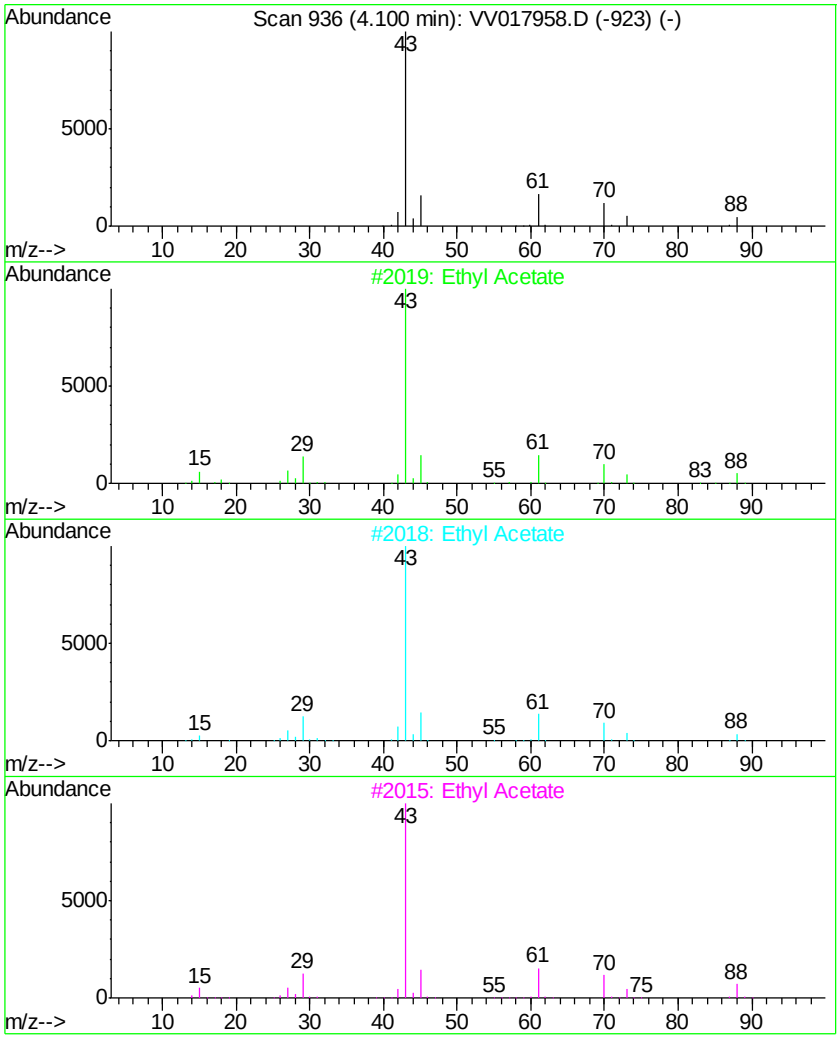
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

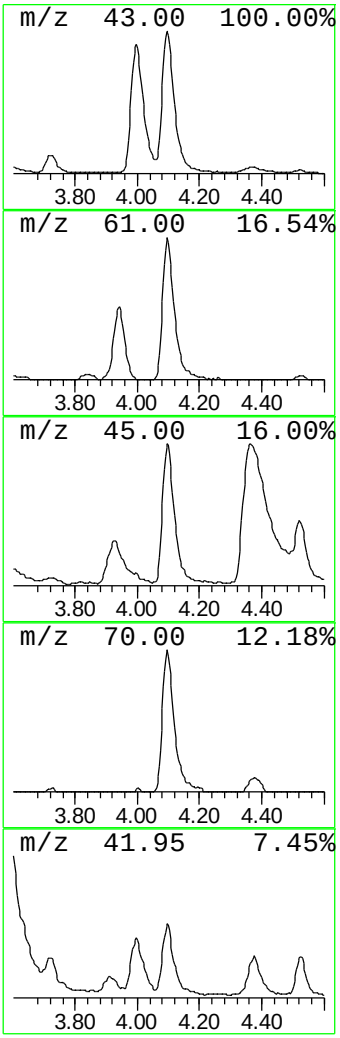
****

Peak Number 8 Ethyl Acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	20.54 ug/L	244487	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





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Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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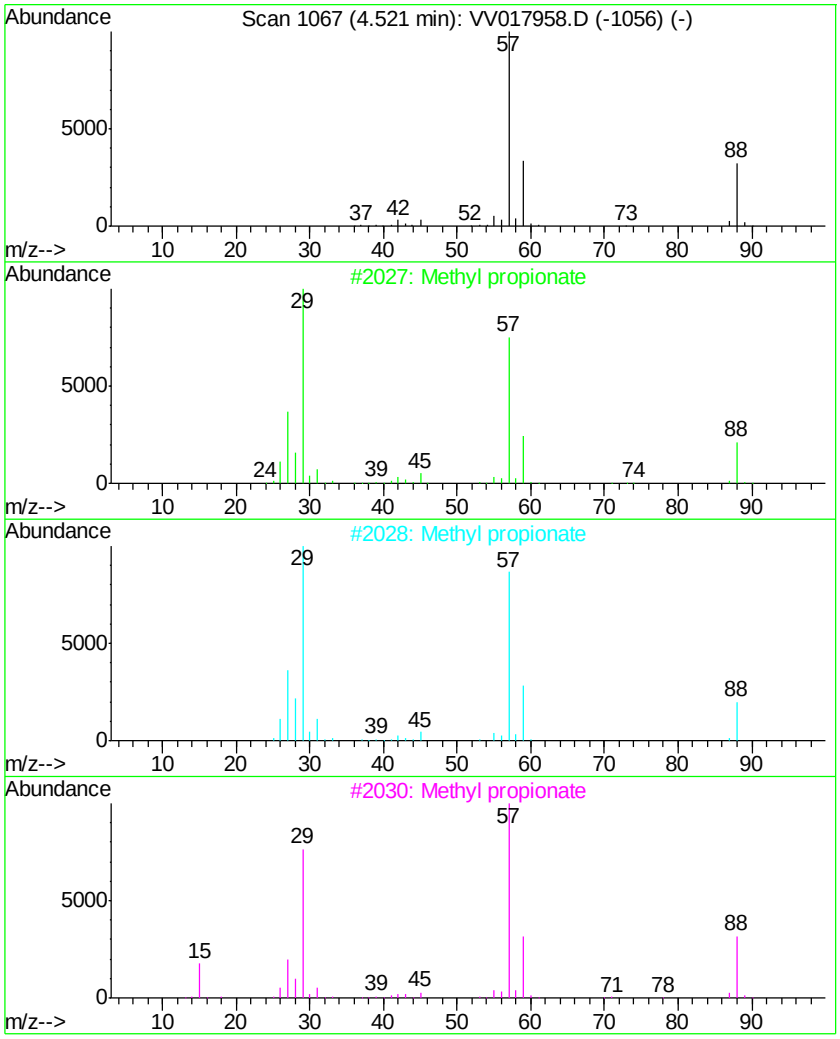
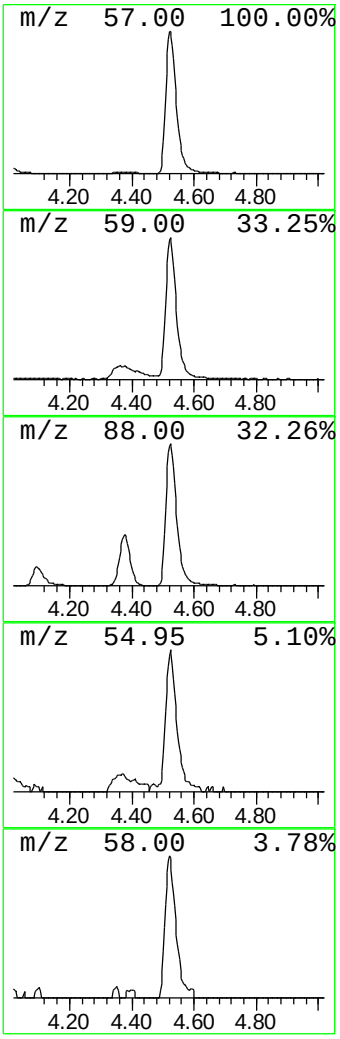
Peak Number 9 Methyl propionate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	23.72 ug/L	282298	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl propionate	88	C4H8O2	000554-12-1	90
2	Methyl propionate	88	C4H8O2	000554-12-1	90
3	Methyl propionate	88	C4H8O2	000554-12-1	86
4	Methyl propionate	88	C4H8O2	000554-12-1	58
5	Neopentane	72	C5H12	000463-82-1	9





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Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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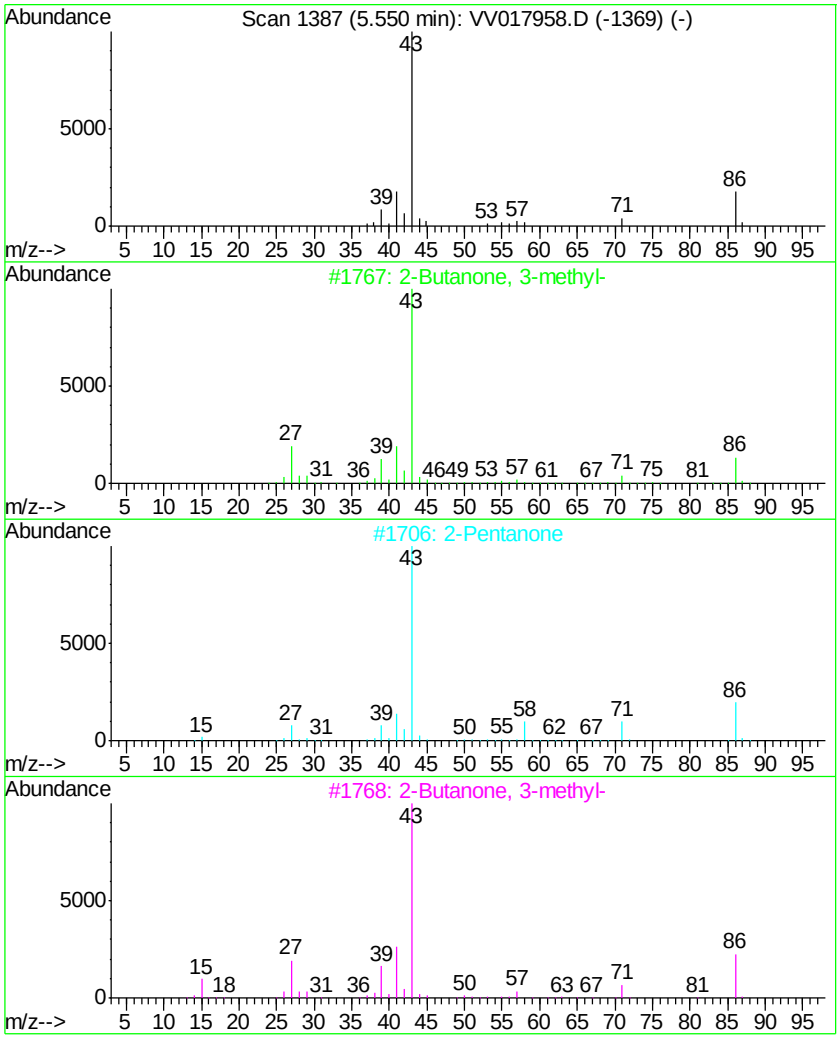
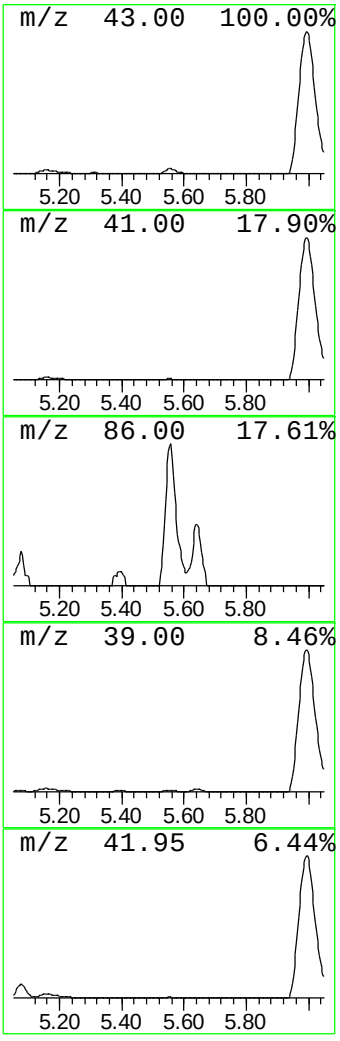
Peak Number 10 2-Butanone, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	3.41 ug/L	40594	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
2	2-Pentanone	86	C5H10O	000107-87-9	59
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
4	2-Pentanone	86	C5H10O	000107-87-9	53
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	42





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Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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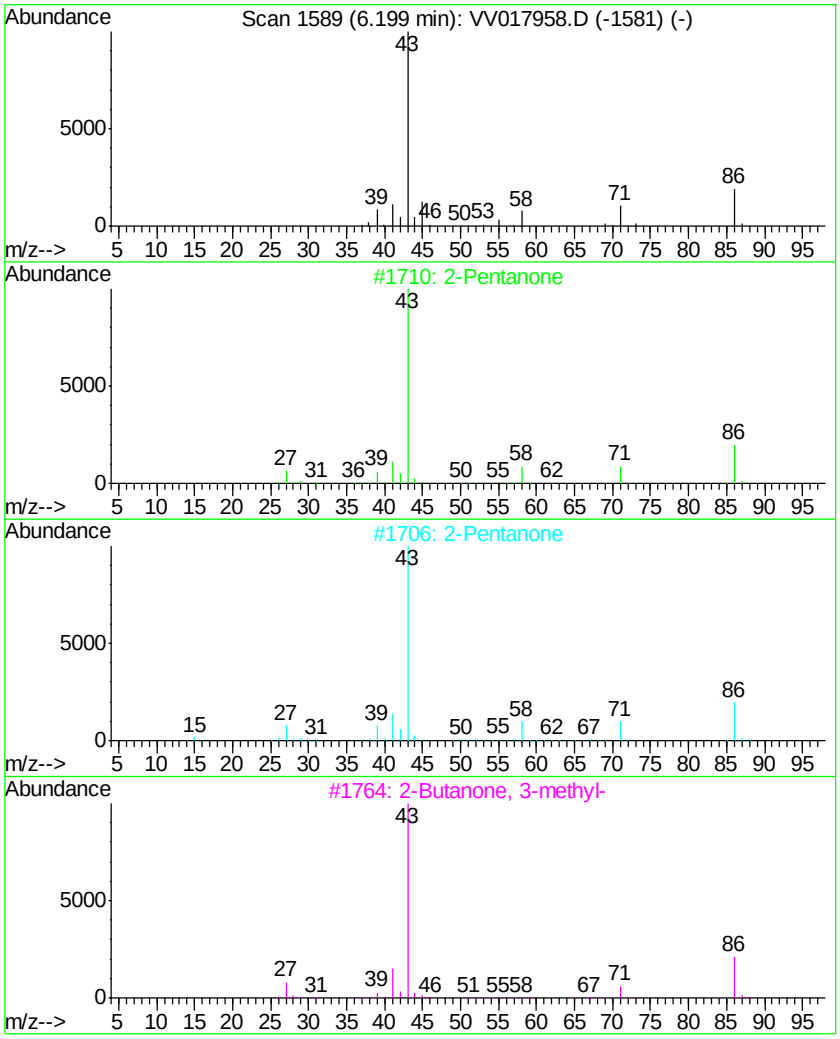
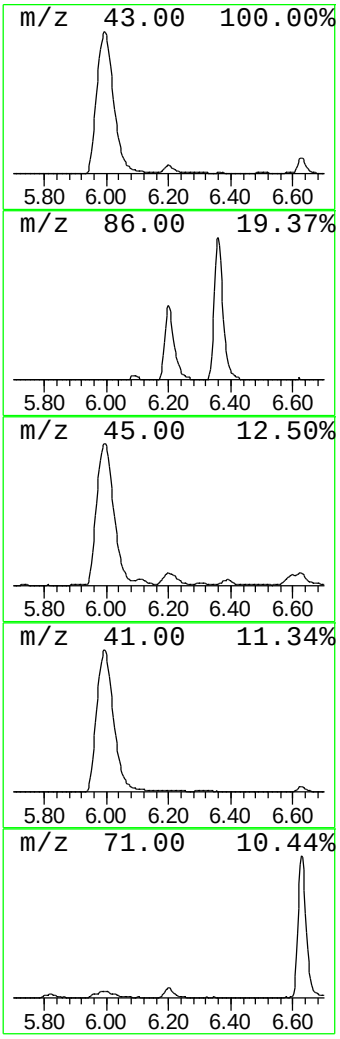
Peak Number 11 2-Pentanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	9.06 ug/L	107879	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	64
2	2-Pentanone	86	C5H10O	000107-87-9	58
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
4	2-Pentanone	86	C5H10O	000107-87-9	42
5	2,3-Butanedione	86	C4H6O2	000431-03-8	9





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Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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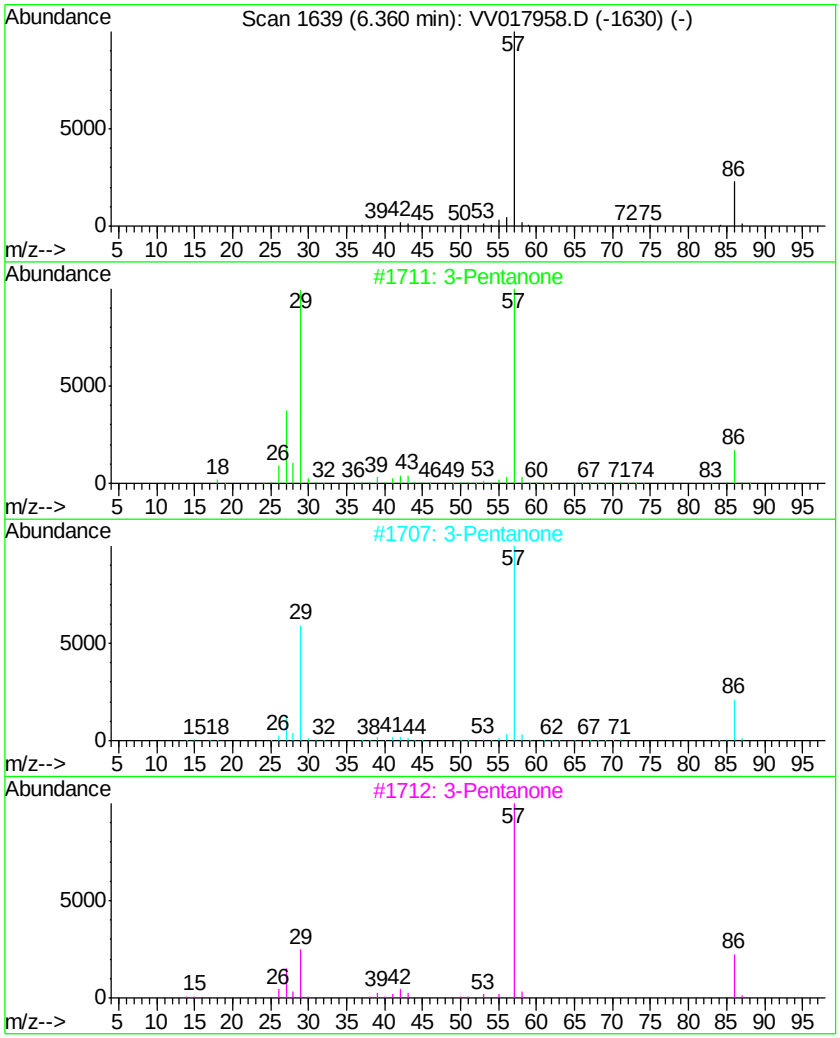
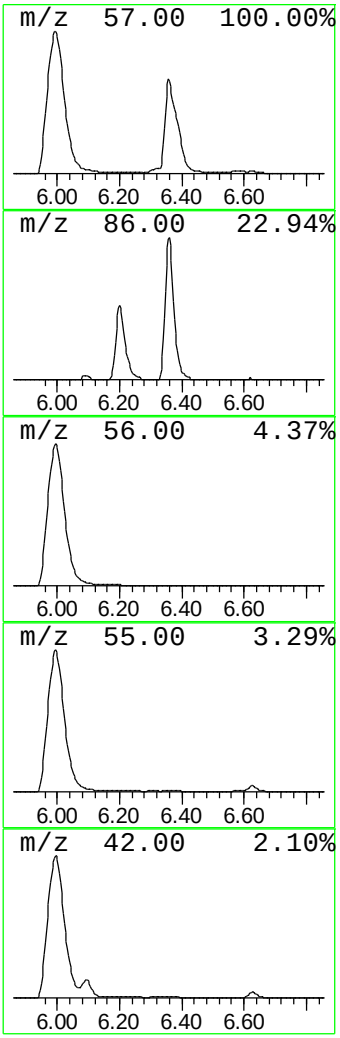
Peak Number 12 3-Pentanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	9.27 ug/L	110285	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	64
2	3-Pentanone	86	C5H10O	000096-22-0	50
3	3-Pentanone	86	C5H10O	000096-22-0	9
4	1,4-Dioxin, 2,3-dihydro-	86	C4H6O2	000543-75-9	5
5	Ethyl-1-propenyl ether	86	C5H10O	000928-55-2	5





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Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

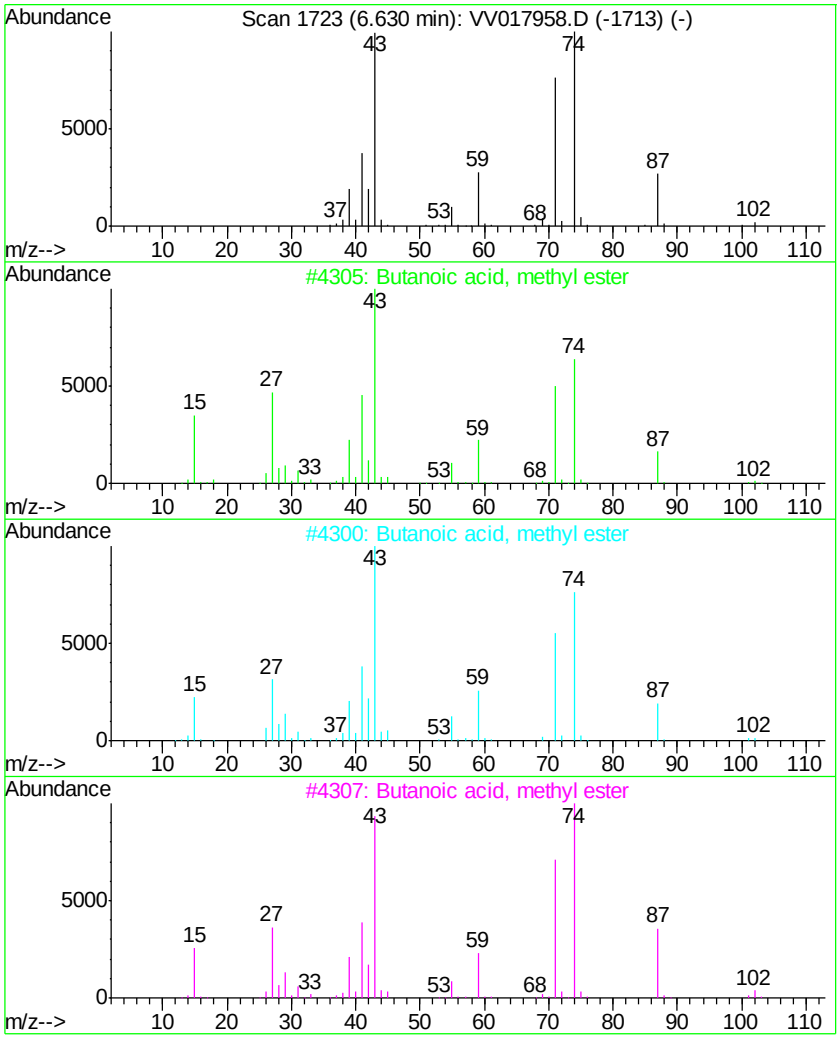
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

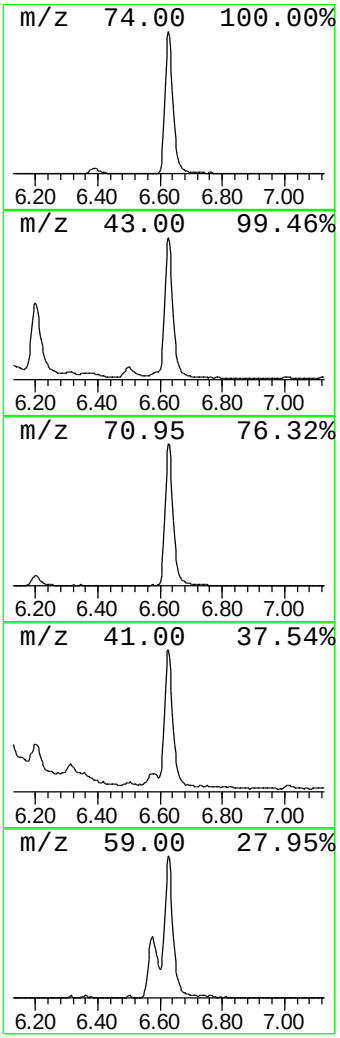
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Butanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	21.35 ug/L	254142	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	87
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	86
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
4	2,3,4-Trimethylpentanoic acid	144	C8H16O2	090435-18-0	59
5	Propanoic acid, 2-methyl-, methy...	102	C5H10O2	000547-63-7	25





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Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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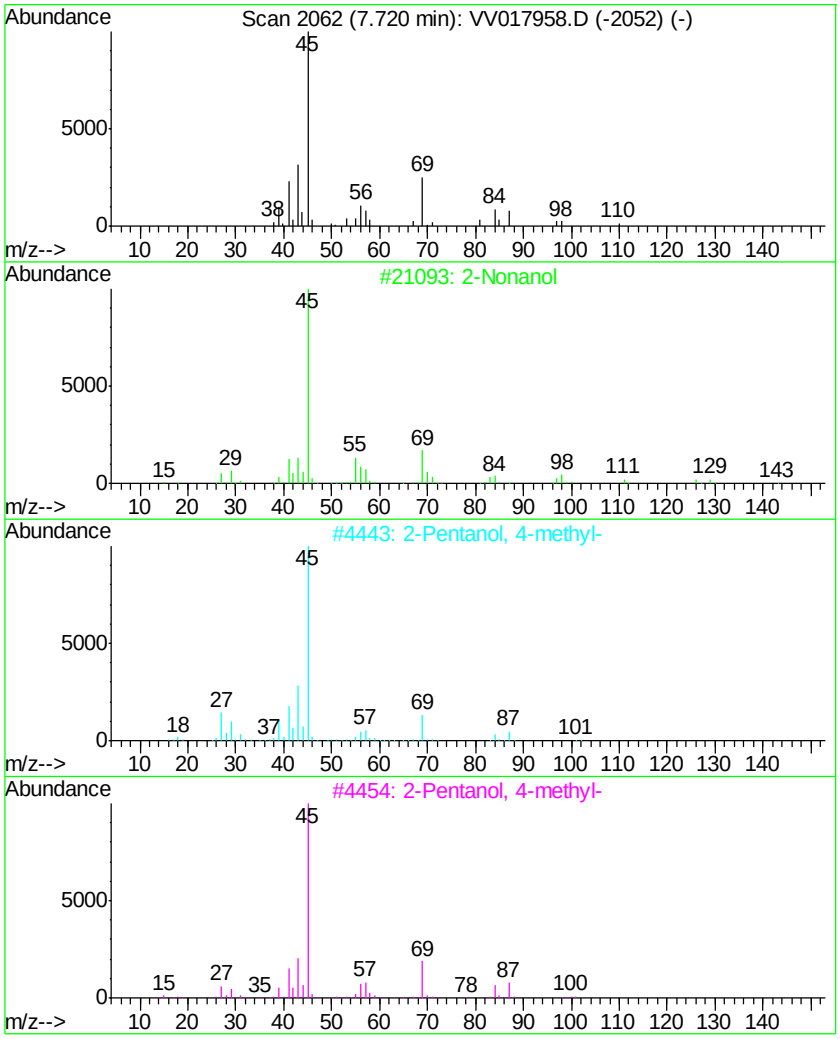
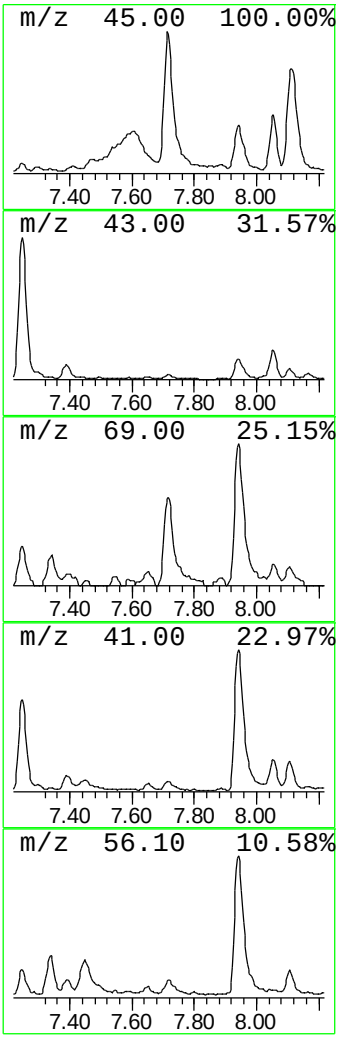
Peak Number 15 2-Nonanol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	3.24 ug/L	49879	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanol	144	C9H20O	000628-99-9	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
5	2-Heptanol, 6-methyl-	130	C8H18O	004730-22-7	74





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Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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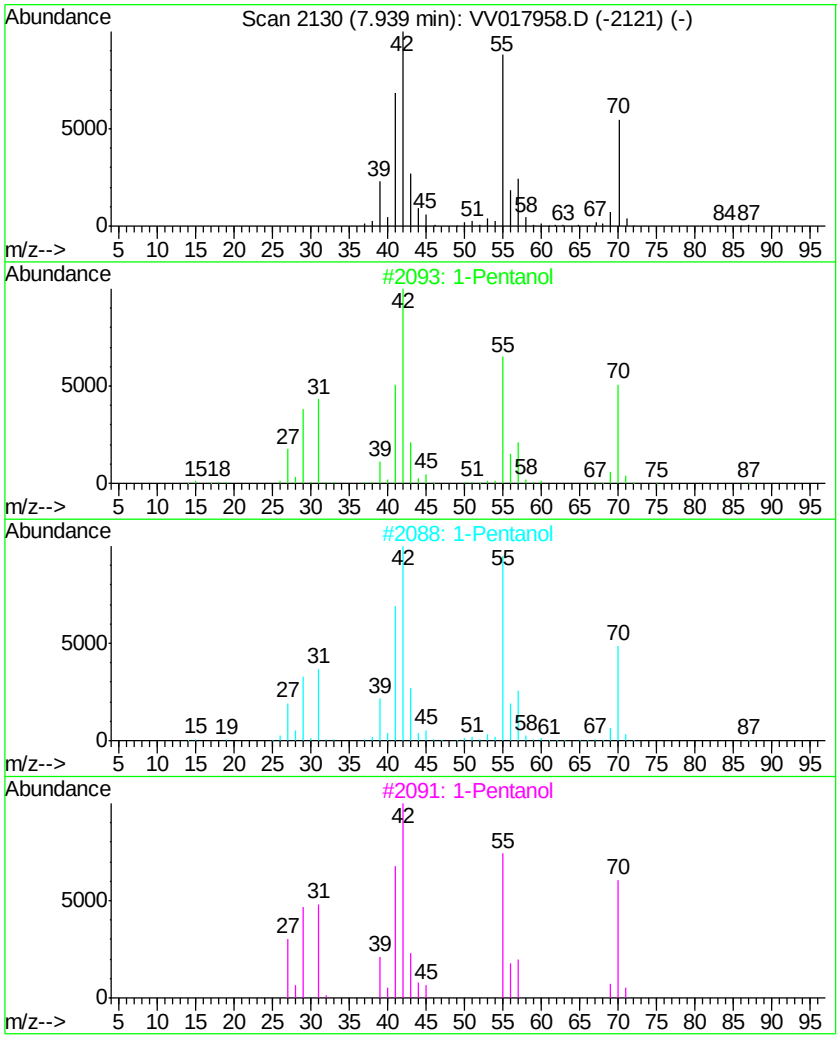
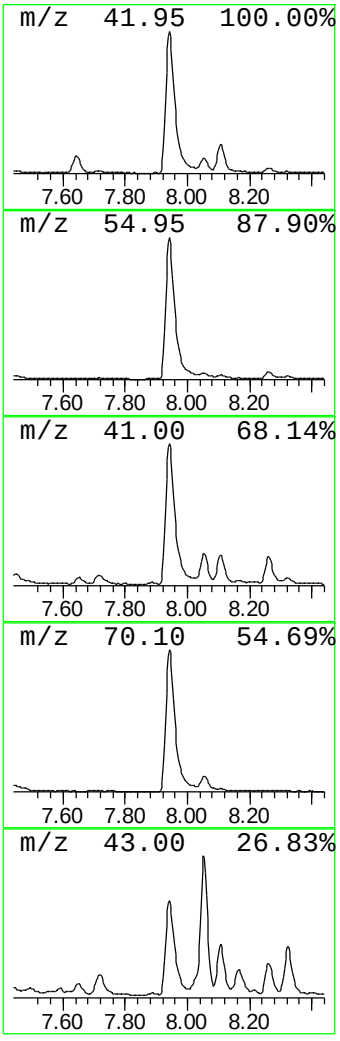
Peak Number 16 1-Pentanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	31.26 ug/L	480658	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol	88	C5H12O	000071-41-0	90
2	1-Pentanol	88	C5H12O	000071-41-0	90
3	1-Pentanol	88	C5H12O	000071-41-0	86
4	1-Pentene	70	C5H10	000109-67-1	80
5	1-Pentene	70	C5H10	000109-67-1	72





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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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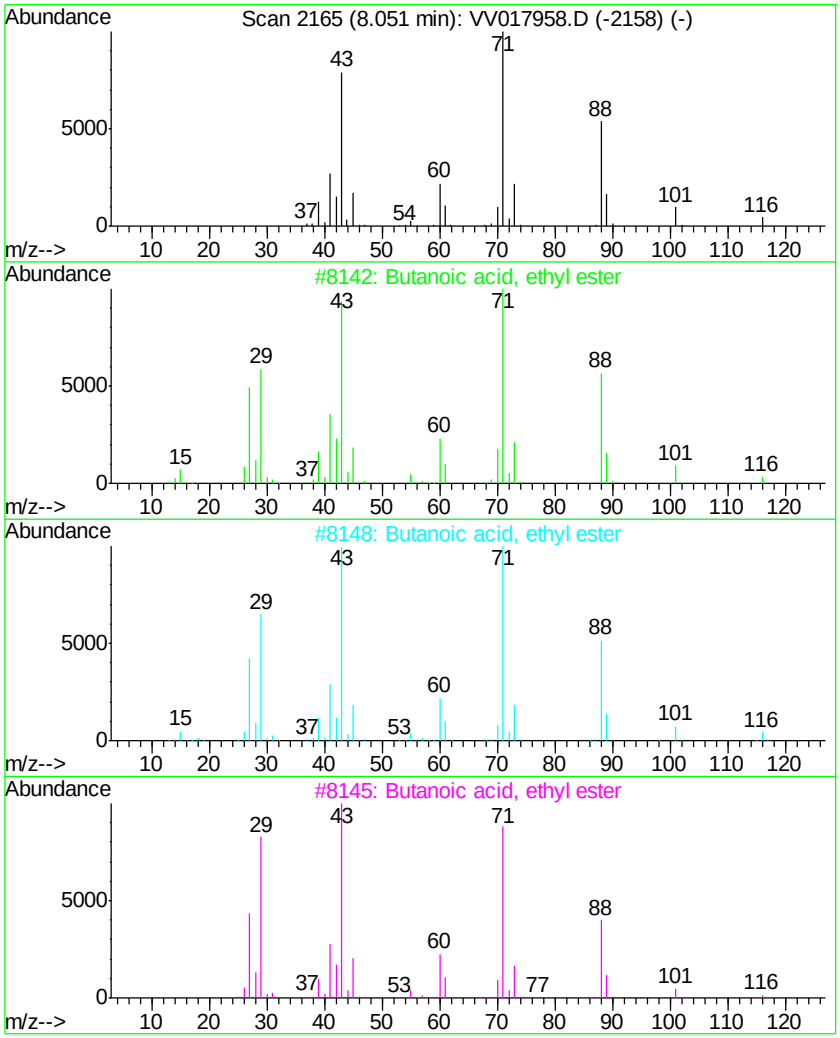
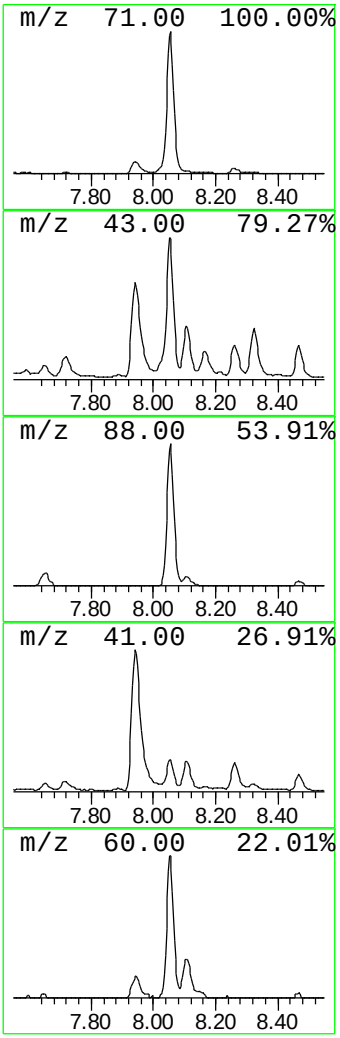
Peak Number 17 Butanoic acid, ethyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	8.97 ug/L	137935	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	93
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	91
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	64
4	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	49
5	Propanoic acid, 2-methyl-, ethyl...	116	C6H12O2	000097-62-1	40





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Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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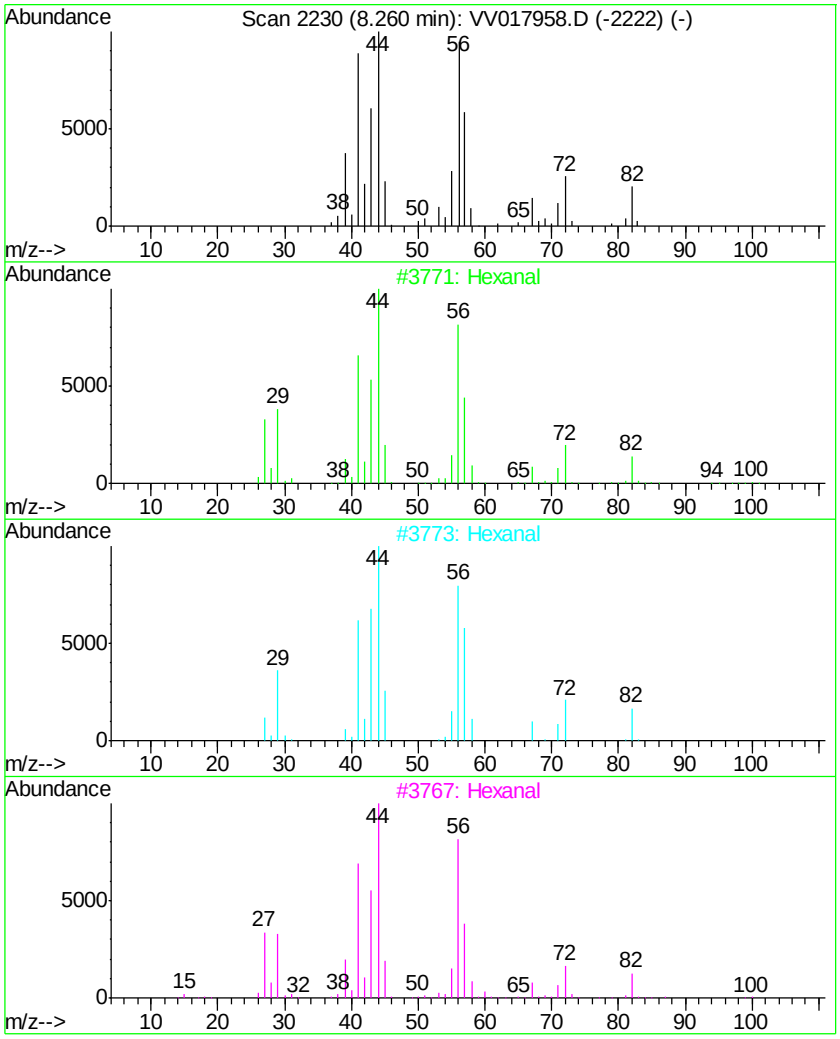
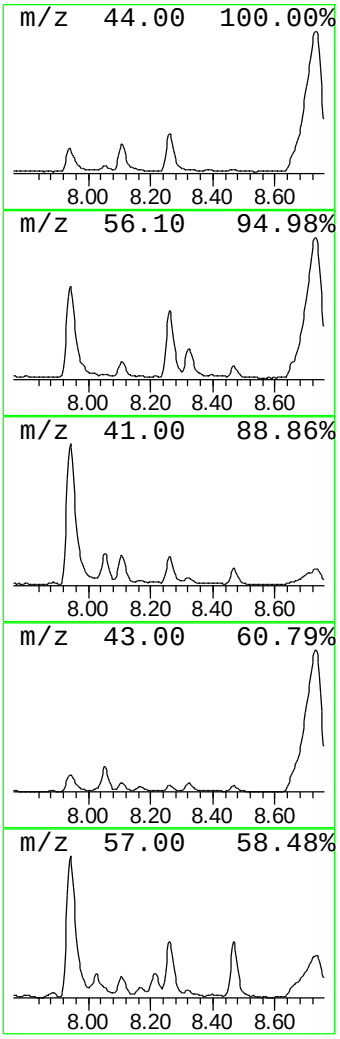
Peak Number 18 Hexanal Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	4.73 ug/L	72684	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	83
3	Hexanal	100	C6H12O	000066-25-1	78
4	Hexanal	100	C6H12O	000066-25-1	64
5	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	28





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Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

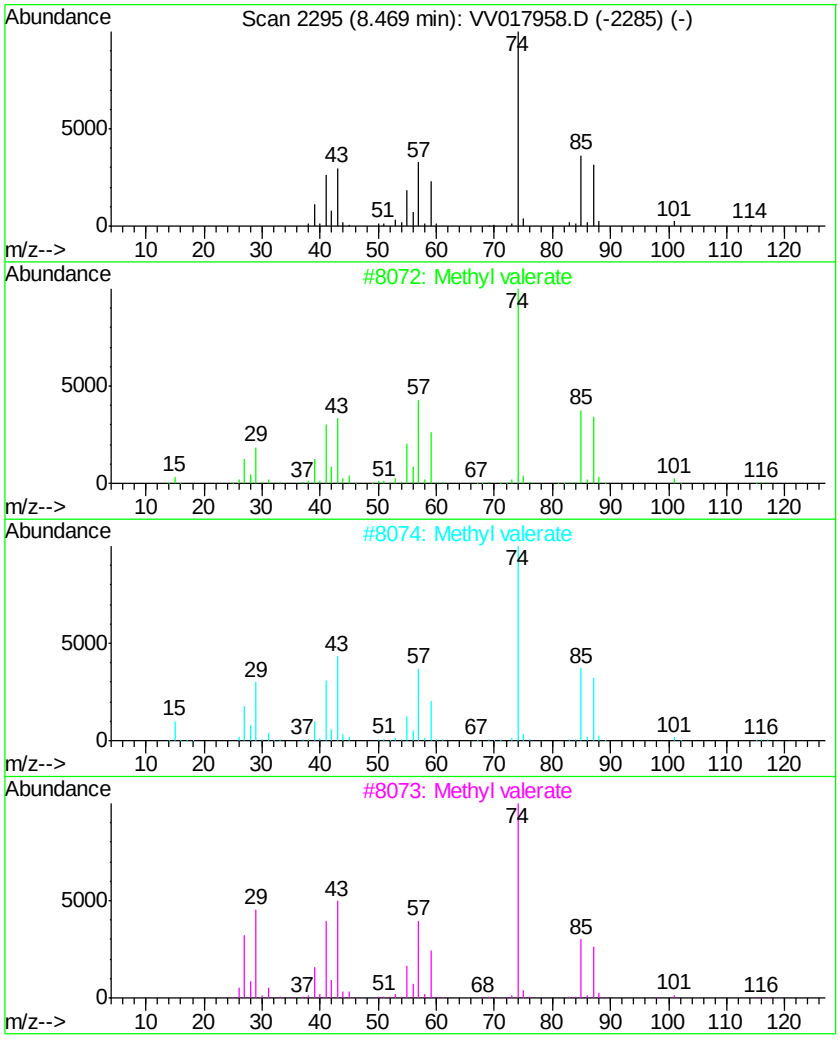
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

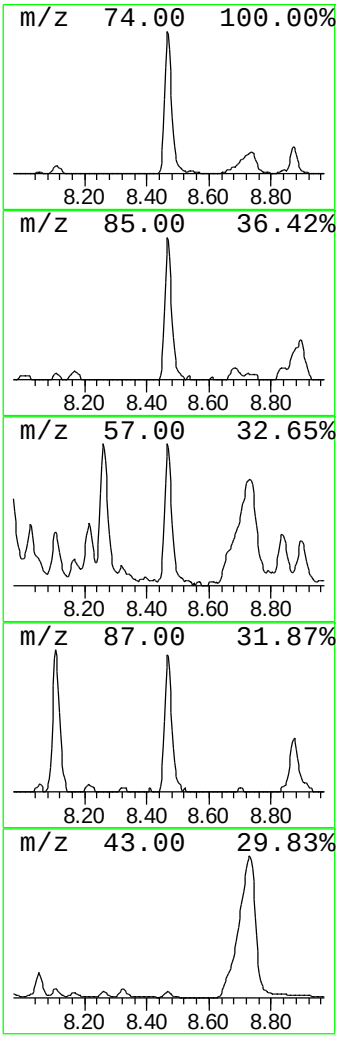
****

Peak Number 19 Methyl valerate Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	5.12 ug/L	78655	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl valerate	116	C6H12O2	000624-24-8	83
2	Methyl valerate	116	C6H12O2	000624-24-8	83
3	Methyl valerate	116	C6H12O2	000624-24-8	83
4	Methyl valerate	116	C6H12O2	000624-24-8	78
5	Methyl isovalerate	116	C6H12O2	000556-24-1	64





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Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

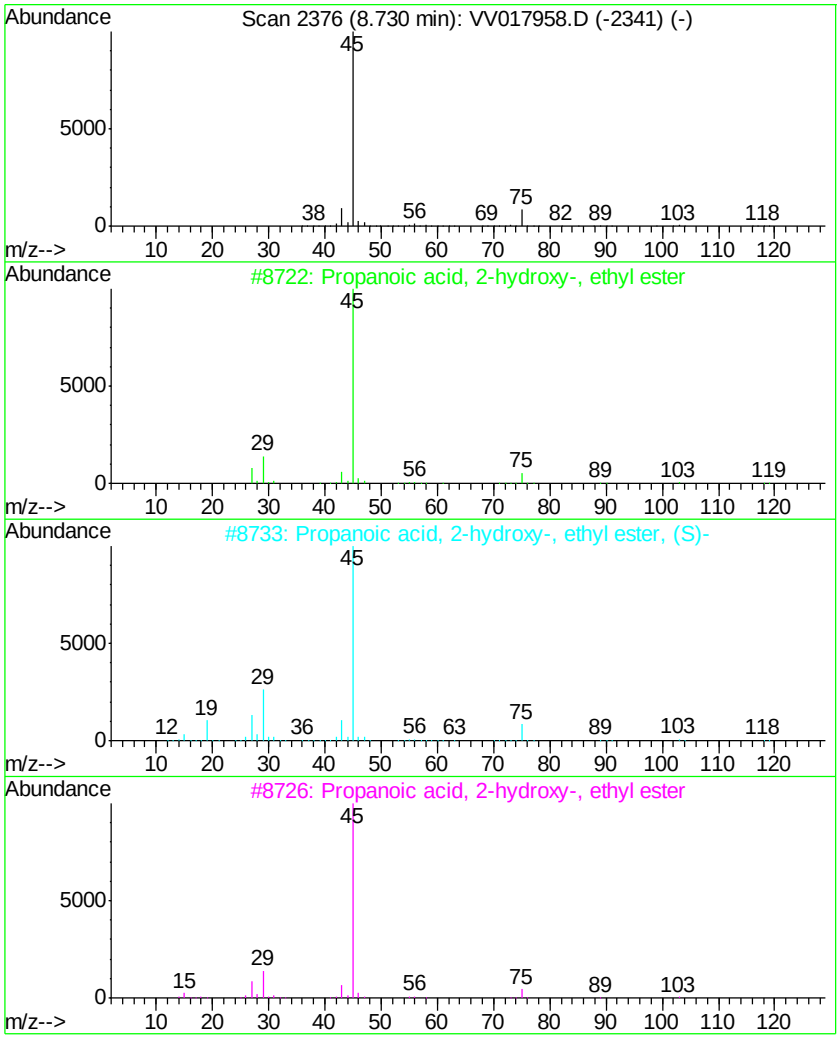
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

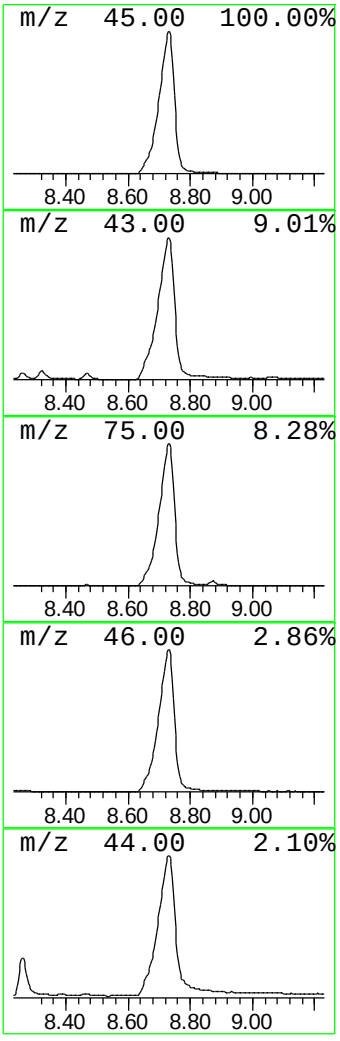
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Propanoic acid, 2-hydroxy-,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	359.04 ug/L	5520640	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000097-64-3	78
2	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000687-47-8	64
3	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000097-64-3	64
4	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000687-47-8	56
5	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000687-47-8	25





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Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

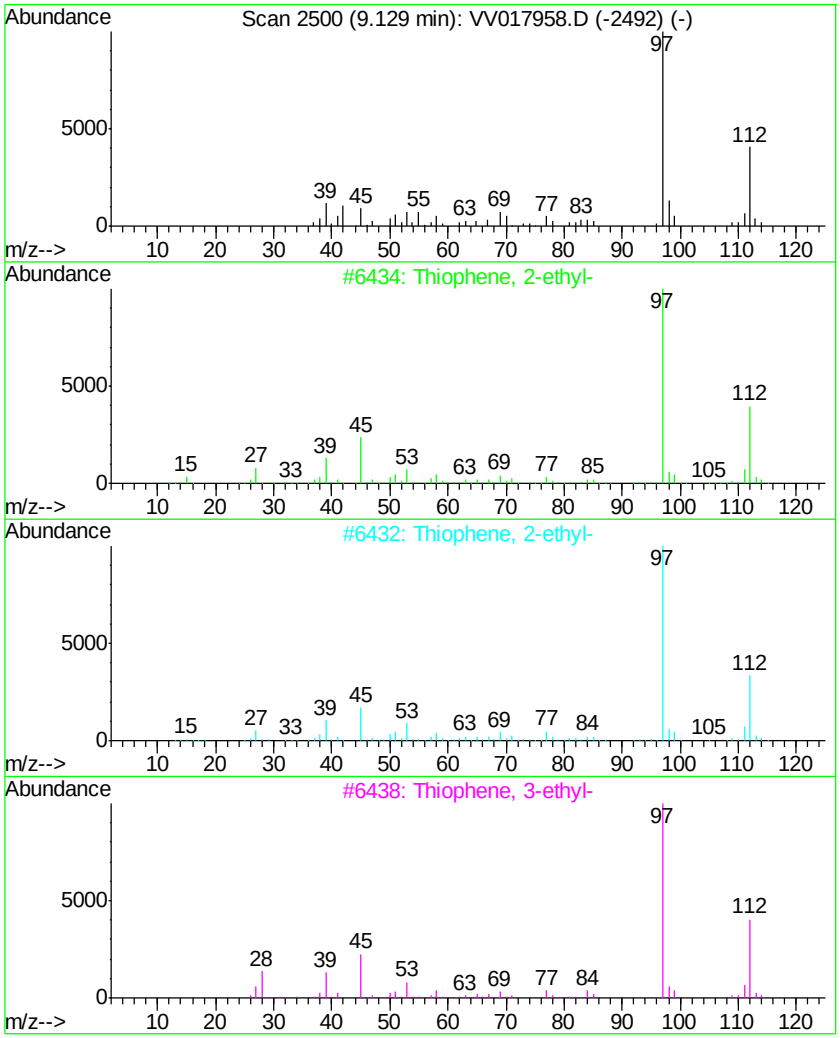
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

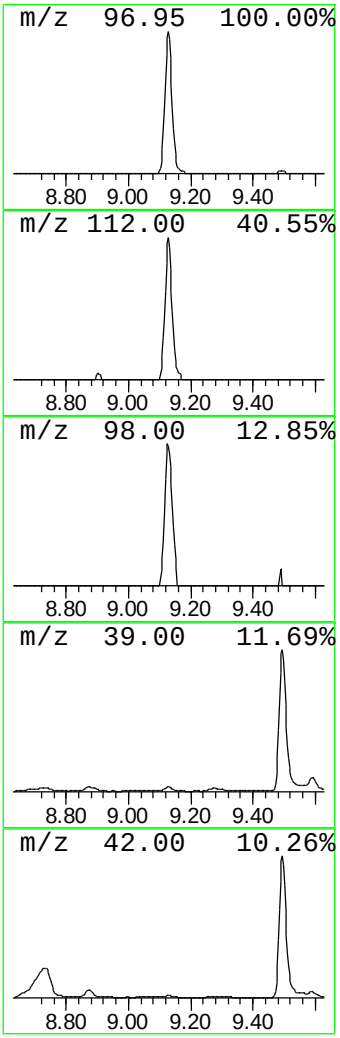
****

Peak Number 21 Thiophene, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.90 ug/L	44659	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	87
2	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	87
3	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	87
4	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	87
5	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

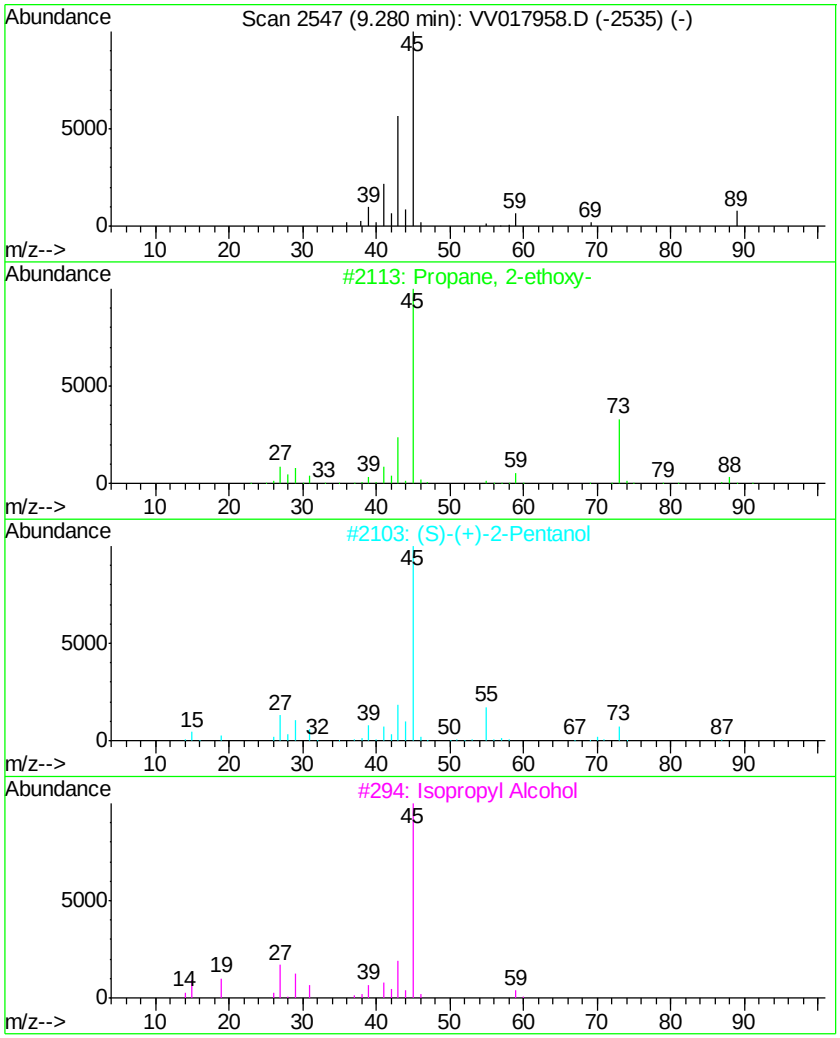
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

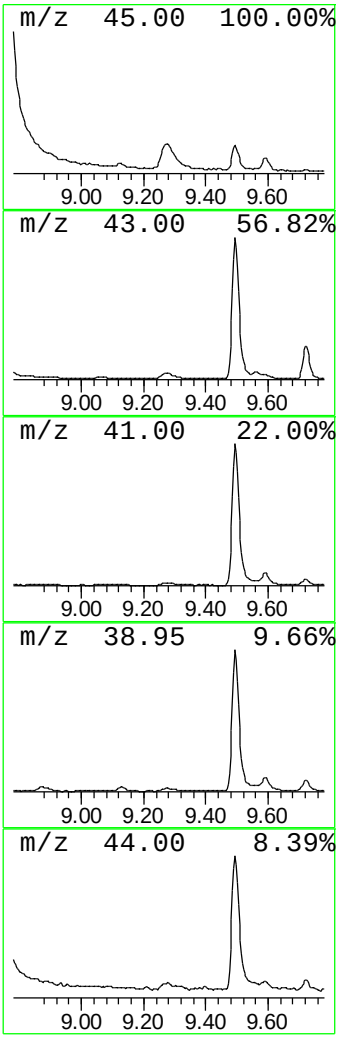
****

Peak Number 22 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.04 ug/L	46779	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
2	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Ethanol, 2-(1-methylethoxy)-	104	C5H12O2	000109-59-1	9
5	3-Ethyl-2-pentanol	116	C7H16O	000609-27-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

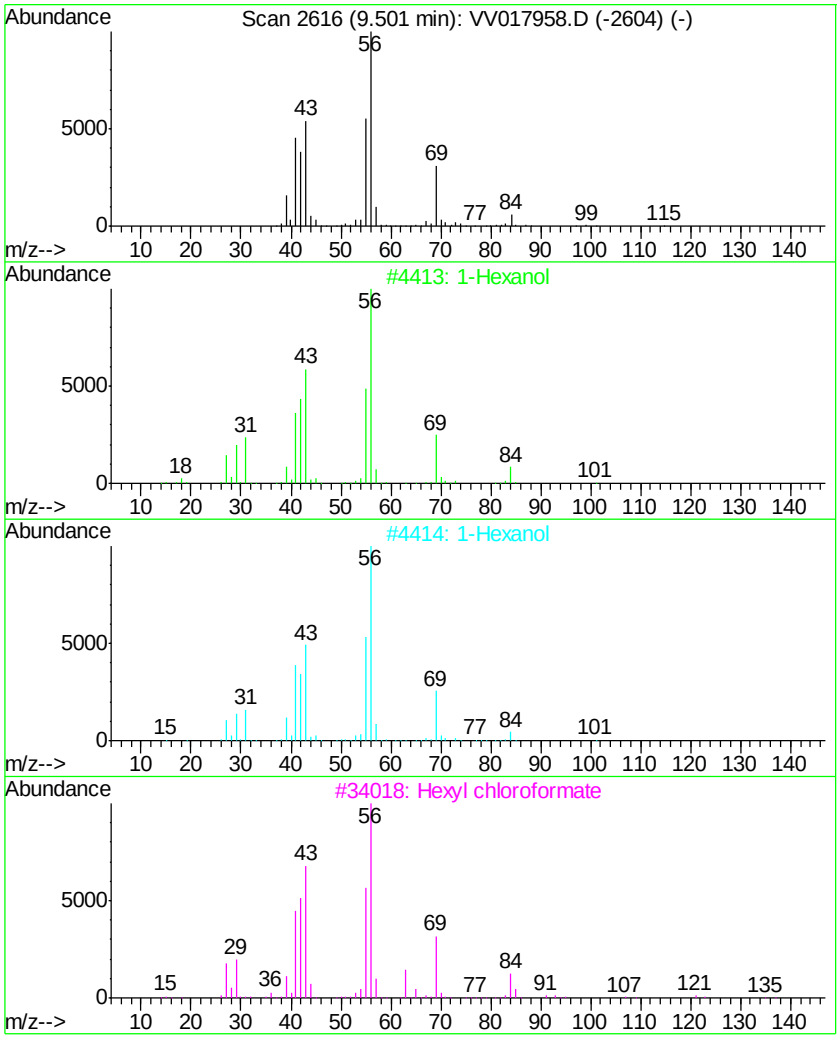
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

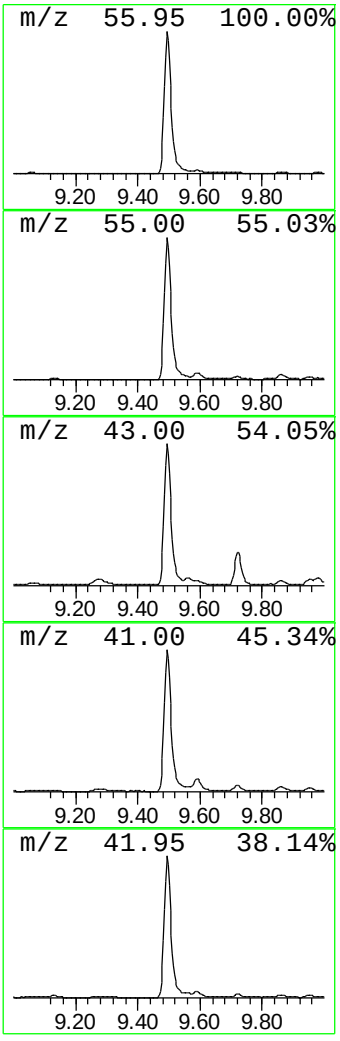
****

Peak Number 23 1-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	83.12 ug/L	1278110	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	83
2	1-Hexanol	102	C6H14O	000111-27-3	83
3	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	78
4	1-Hexanol	102	C6H14O	000111-27-3	78
5	1-Hexanol	102	C6H14O	000111-27-3	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

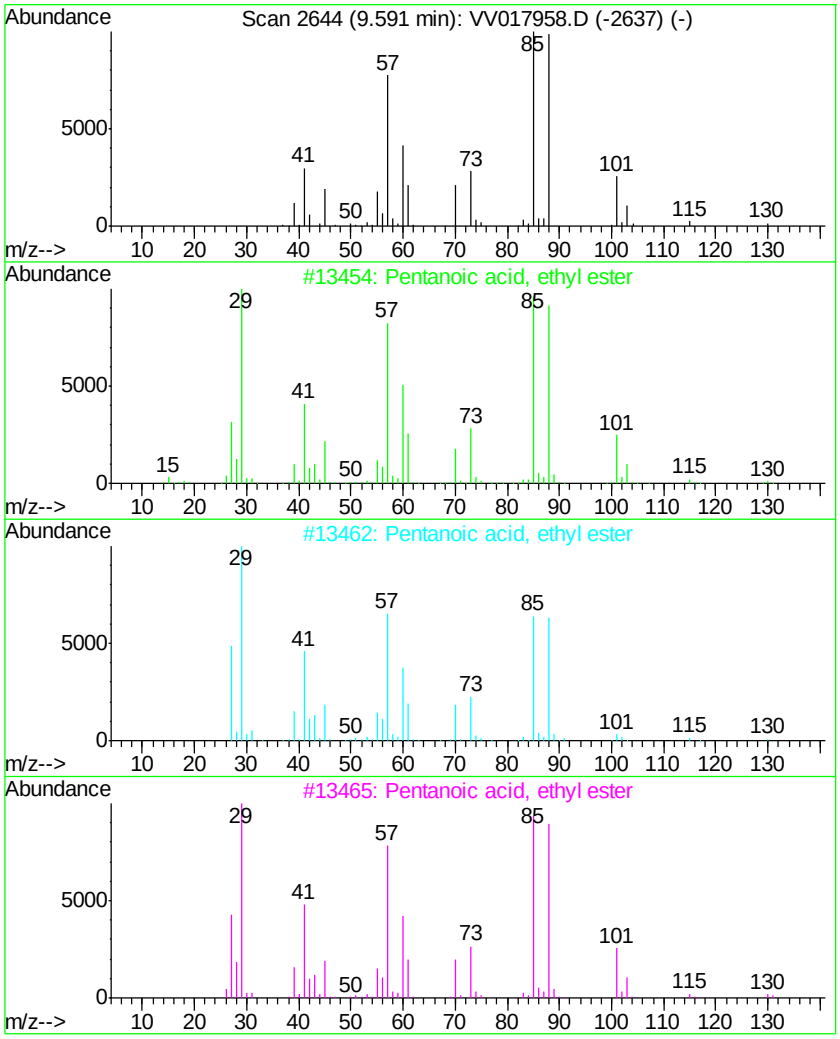
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

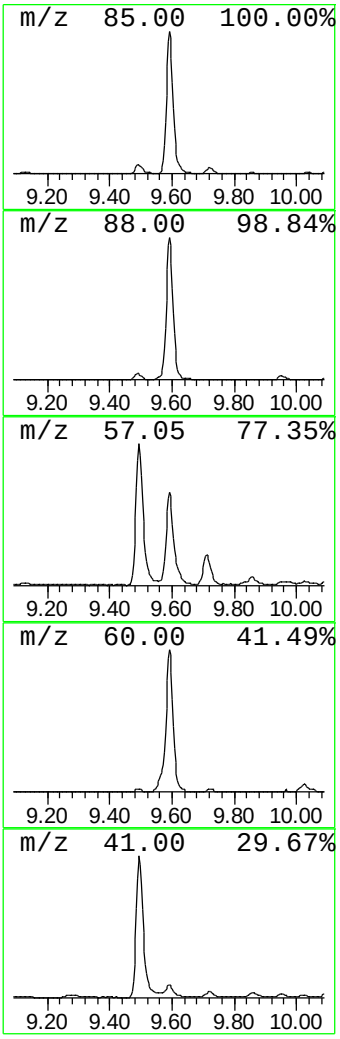
****

Peak Number 24 Pentanoic acid, ethyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	12.49 ug/L	192063	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	97
2	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	93
3	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	90
4	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	58
5	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	53





Library Search Compound Report

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Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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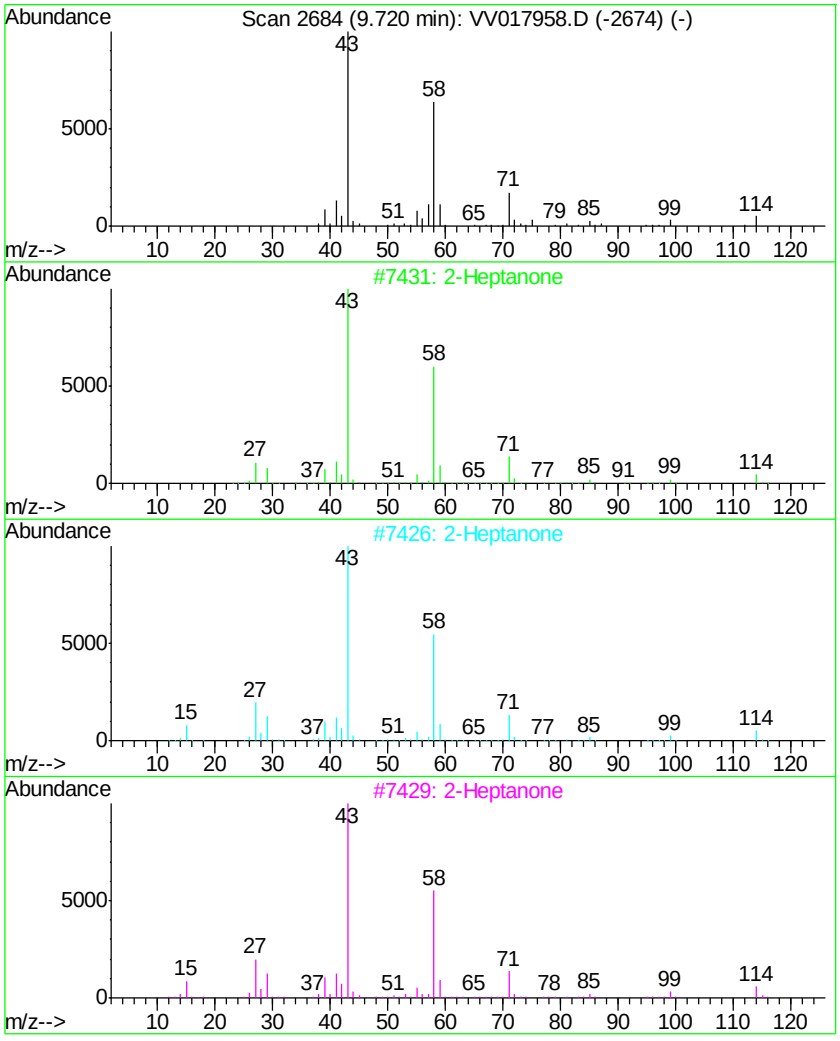
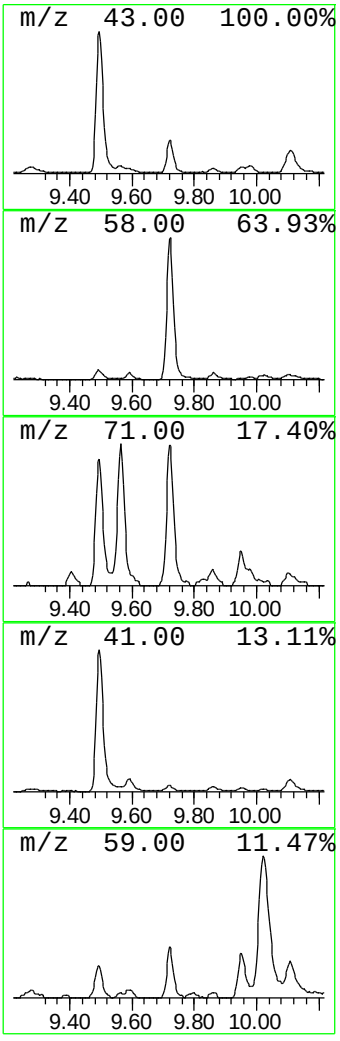
Peak Number 25 2-Heptanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.50 ug/L	115245	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	87
2	2-Heptanone	114	C7H14O	000110-43-0	83
3	2-Heptanone	114	C7H14O	000110-43-0	80
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	68
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	58





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Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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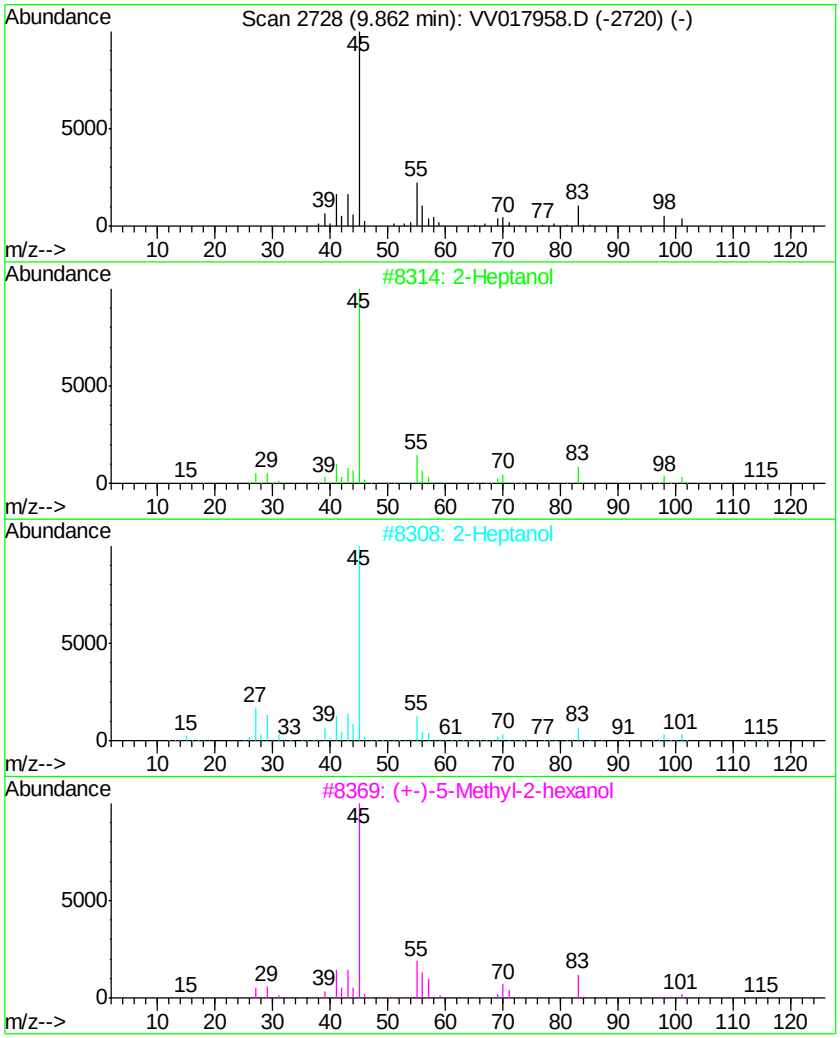
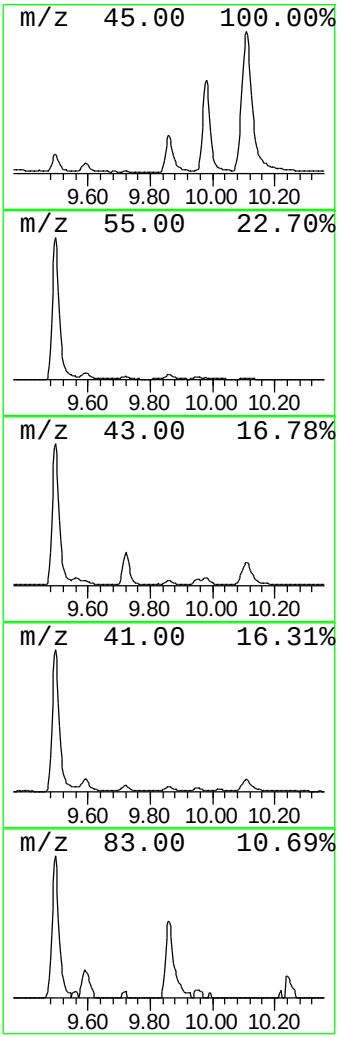
Peak Number 26 2-Heptanol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	4.63 ug/L	71161	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol	116	C7H16O	000543-49-7	83
2	2-Heptanol	116	C7H16O	000543-49-7	72
3	(+-)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	72
4	2-Heptanol, (S)-	116	C7H16O	006033-23-4	64
5	2-Nonanol	144	C9H20O	000628-99-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

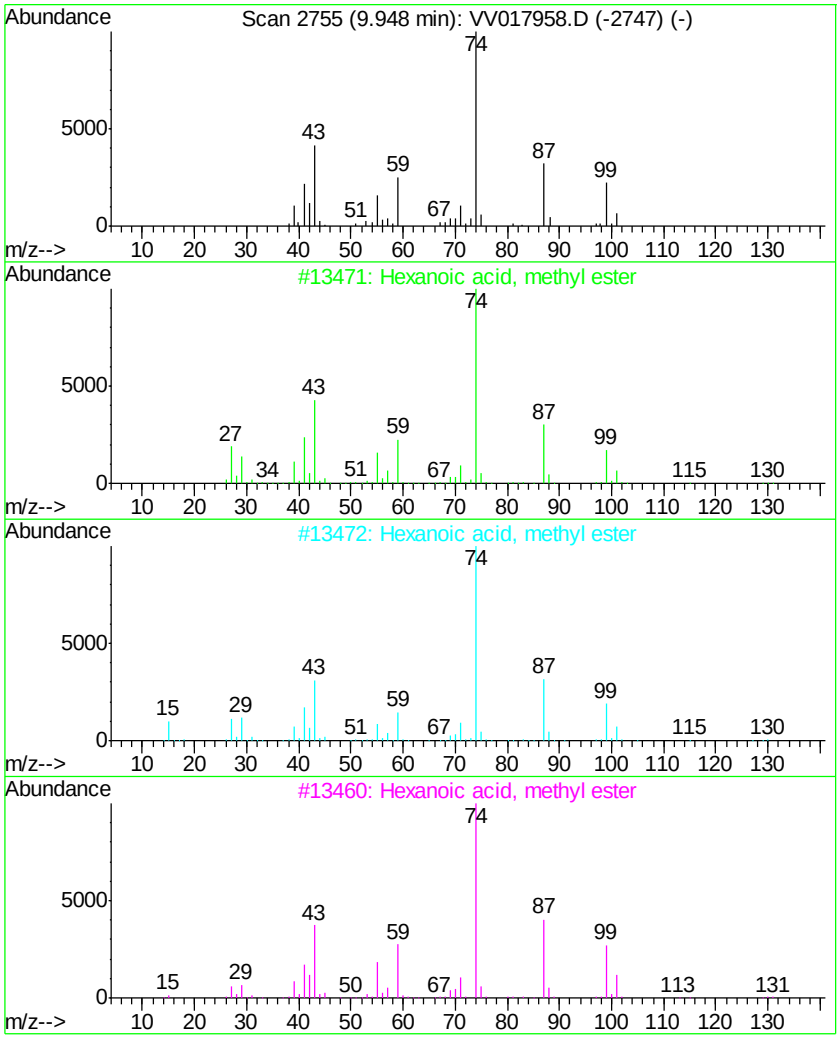
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

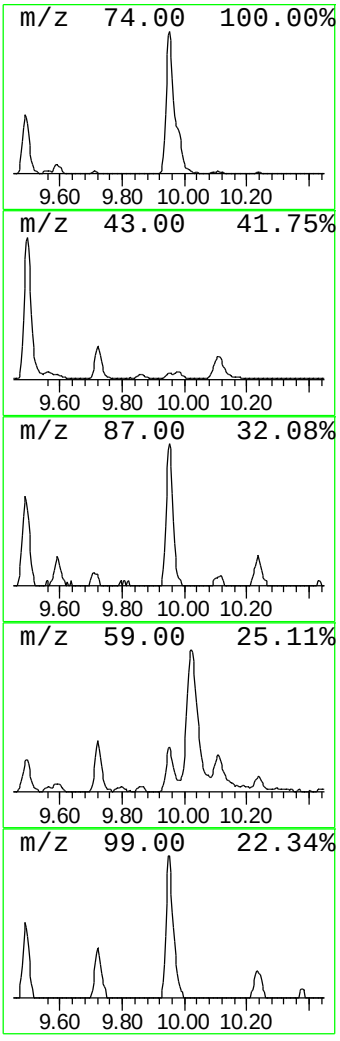
****

Peak Number 27 Hexanoic acid, methyl ester Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.78 ug/L	42701	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	78
2	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	72
3	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	50
4	Methyl valerate	116	C6H12O2	000624-24-8	42
5	Pentanoic acid, 3-methyl-, methy...	130	C7H14O2	002177-78-8	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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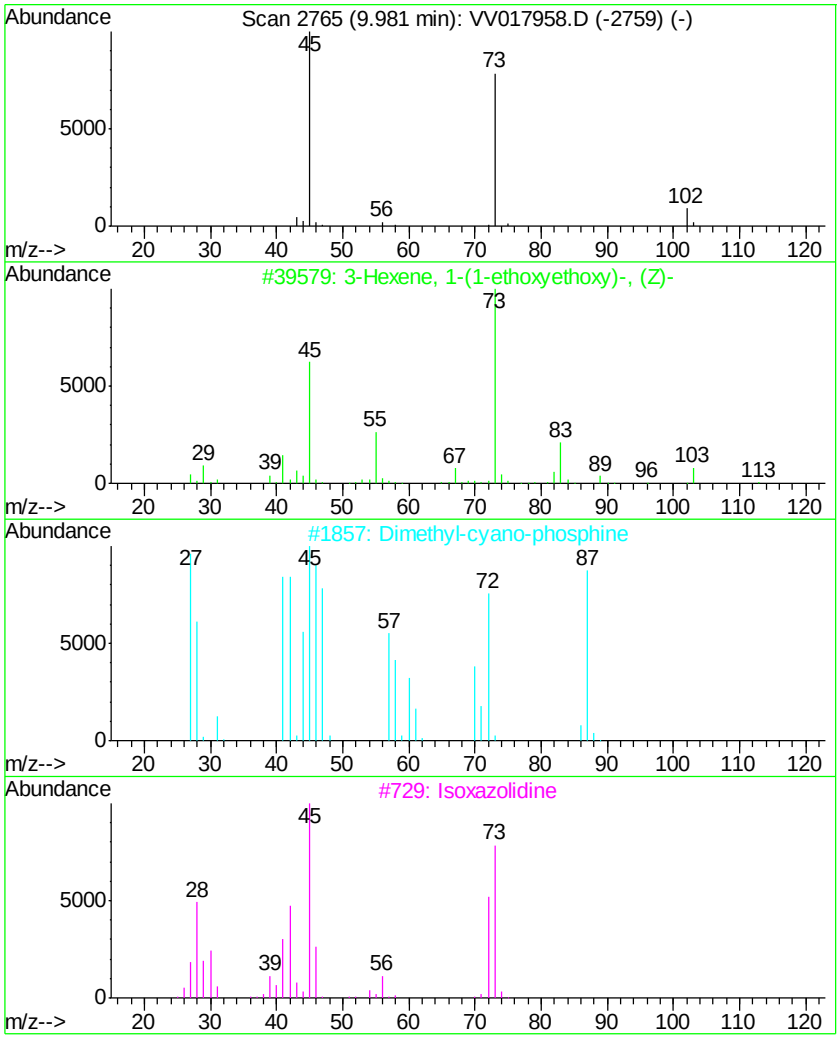
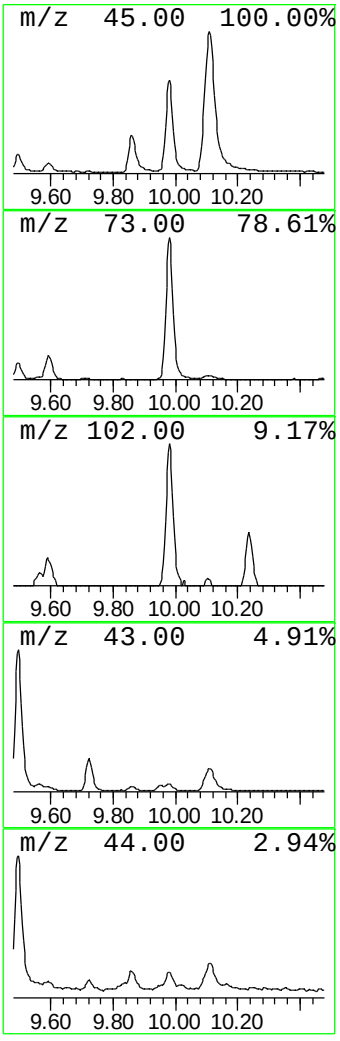
Peak Number 28 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	7.01 ug/L	107782	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 1-(1-ethoxyethoxy)-, (Z)-	172	C10H20O2	028069-74-1	9
2	Dimethyl-cyano-phosphine	87	C3H6NP	031641-57-3	9
3	Isoxazolidine	73	C3H7NO	000504-72-3	7
4	Isoxazolidine	73	C3H7NO	000504-72-3	5
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

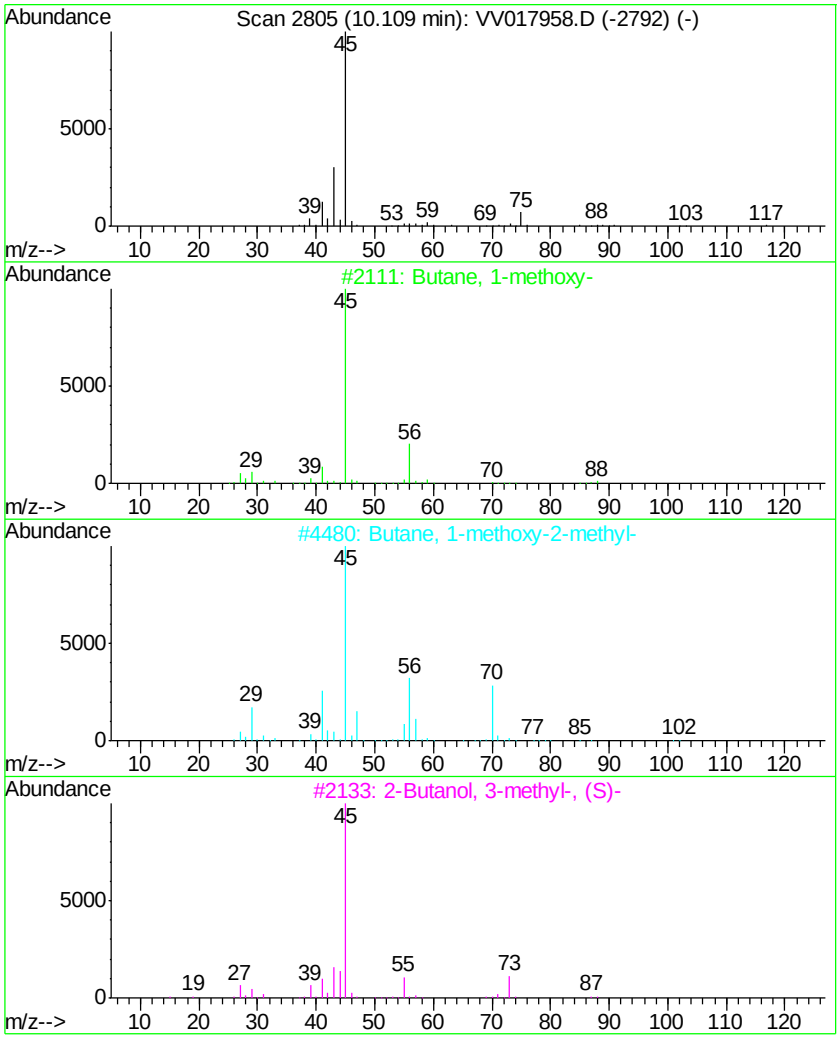
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

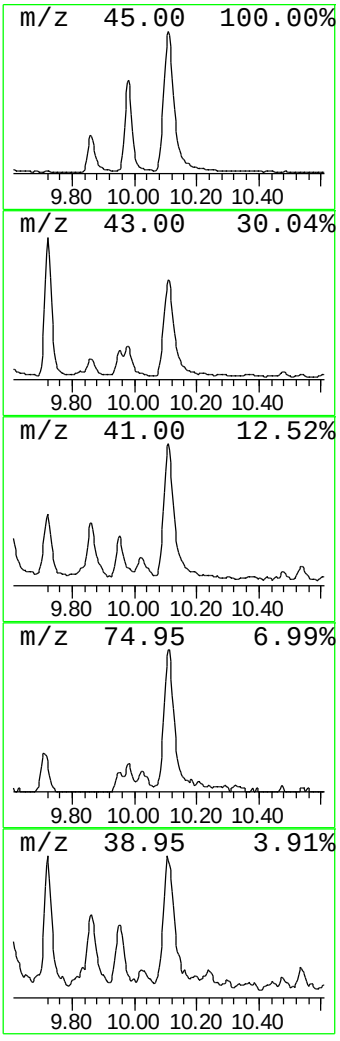
****

Peak Number 29 Butane, 1-methoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	19.23 ug/L	246738	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-methoxy-	88	C5H12O	000628-28-4	64
2	Butane, 1-methoxy-2-methyl-	102	C6H14O	062016-48-2	56
3	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	50
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5	Diisopropyl ether	102	C6H14O	000108-20-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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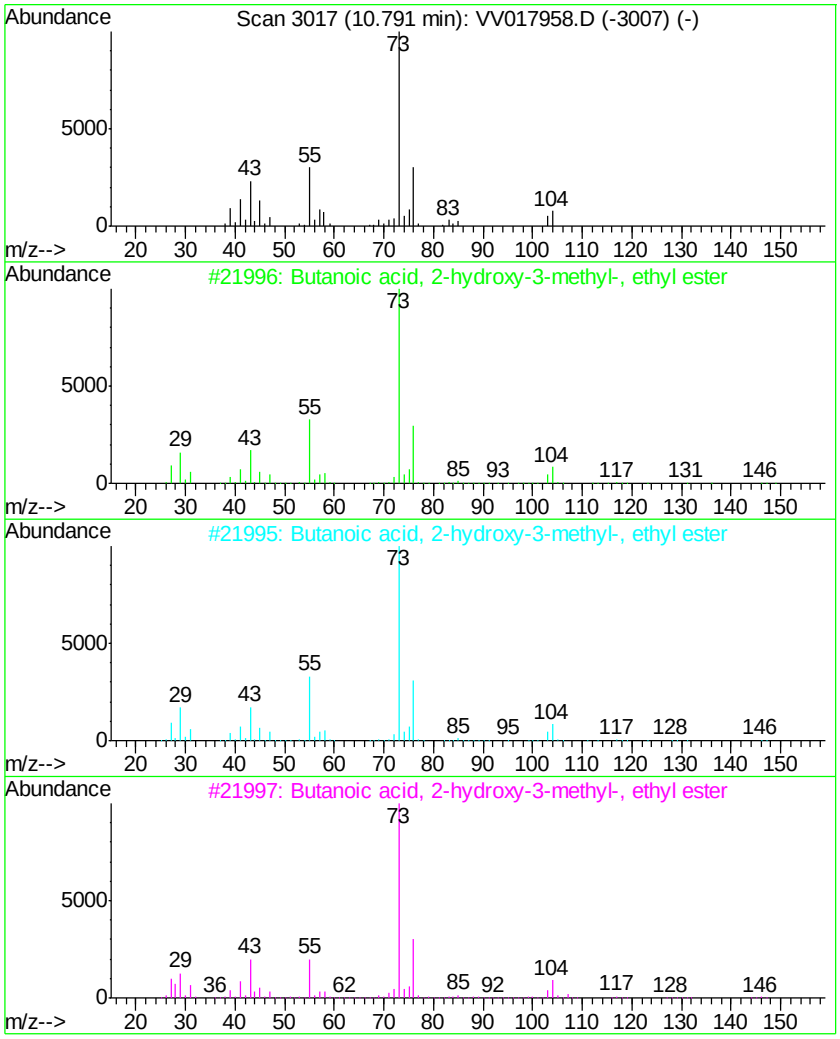
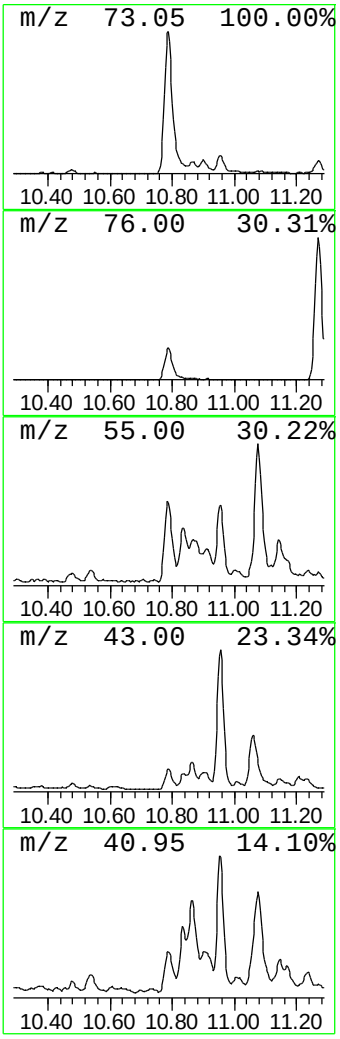
Peak Number 30 Butanoic acid, 2-hydroxy-3-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	5.58 ug/L	71560	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-hydroxy-3-methy...	146	C7H14O3	002441-06-7	90
2	Butanoic acid, 2-hydroxy-3-methy...	146	C7H14O3	002441-06-7	90
3	Butanoic acid, 2-hydroxy-3-methy...	146	C7H14O3	002441-06-7	78
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	38
5	Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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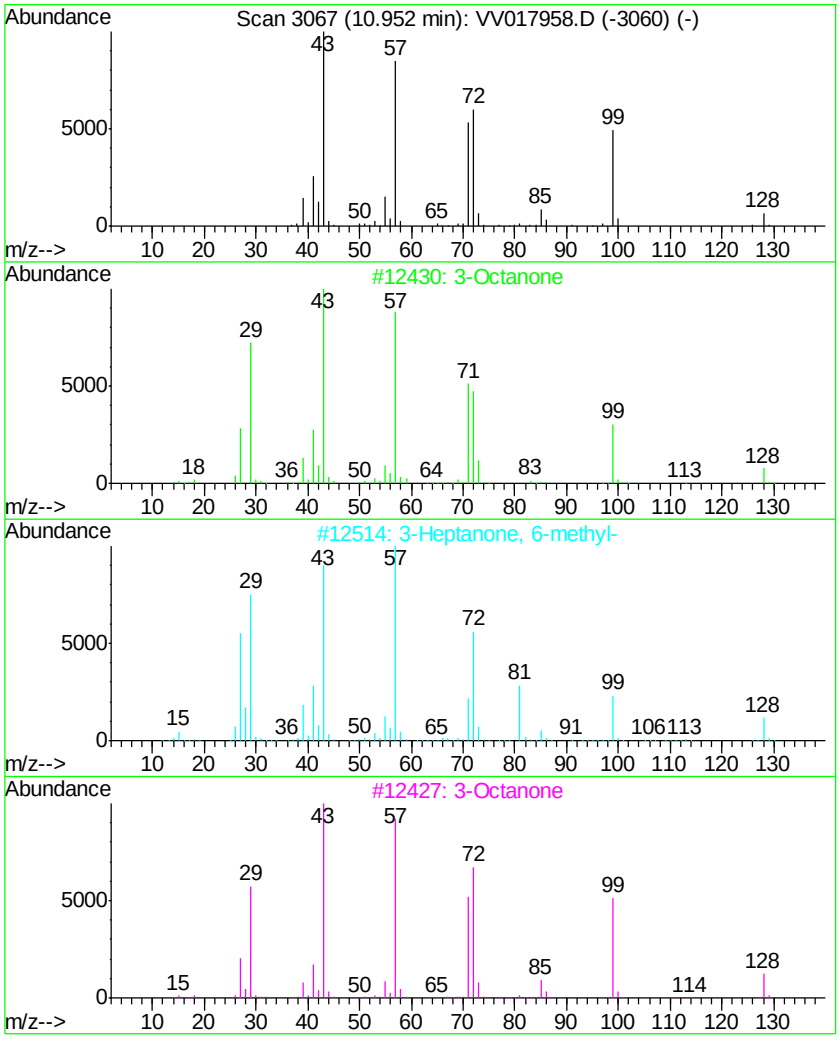
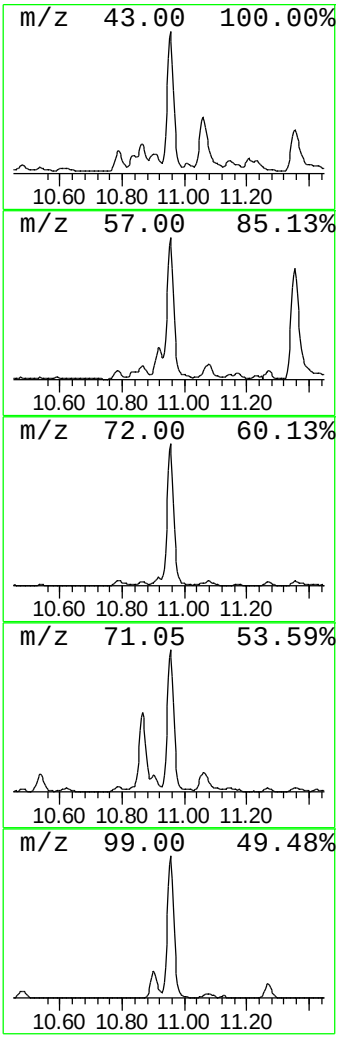
Peak Number 31 3-Octanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	12.53 ug/L	160782	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	59
2	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	58
3	3-Octanone	128	C8H16O	000106-68-3	52
4	Ethanone, 1-(3,3-dimethyloxiranyl)-	114	C6H10O2	004478-63-1	50
5	3-Octanone	128	C8H16O	000106-68-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

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

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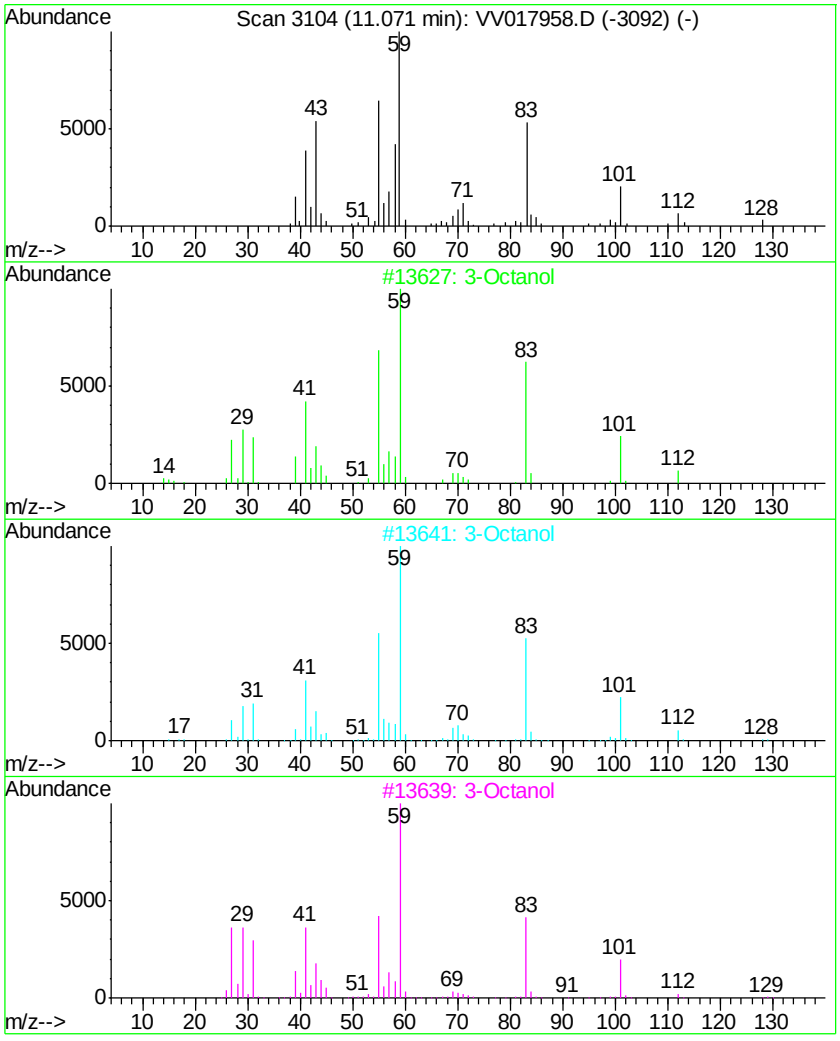
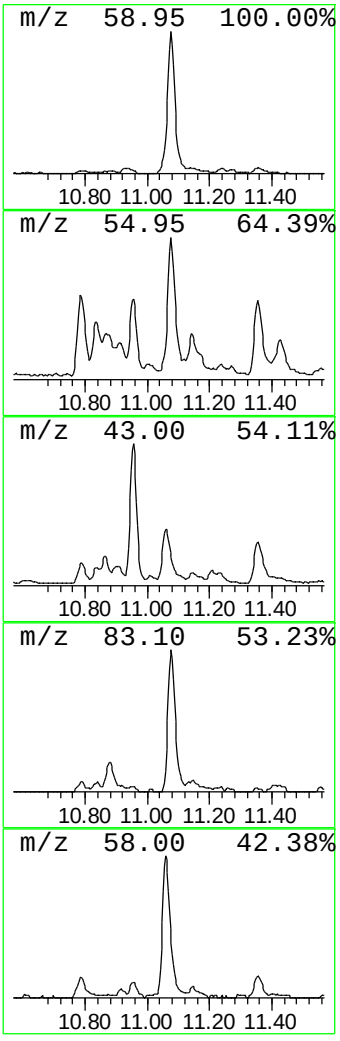
Peak Number 32 3-Octanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	9.12 ug/L	117024	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	86
2	3-Octanol	130	C8H18O	000589-98-0	80
3	3-Octanol	130	C8H18O	000589-98-0	72
4	3-Octanol	130	C8H18O	000589-98-0	64
5	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017958.D
Acq On : 13 Aug 2020 04:27
Operator : SY/MD
Sample : L3644-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.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...	1.12	4.0	ug/L	48134	1	5.64	595078	50.0
Sulfur dioxide	1.39	13.2	ug/L	157570	1	5.64	595078	50.0
Methanethiol	1.48	2.8	ug/L	33285	1	5.64	595078	50.0
Ethanol	2.05	270.1	ug/L	3215260	1	5.64	595078	50.0
Isopropyl Alcohol	2.39	68.4	ug/L	813918	1	5.64	595078	50.0
1-Propanol	3.49	100.3	ug/L	1193100	1	5.64	595078	50.0
Butanal	3.72	8.4	ug/L	99602	1	5.64	595078	50.0
Ethyl Acetate	4.10	20.5	ug/L	244487	1	5.64	595078	50.0
Methyl propionate	4.52	23.7	ug/L	282298	1	5.64	595078	50.0
2-Butanone, 3-met...	5.55	3.4	ug/L	40594	1	5.64	595078	50.0
2-Pentanone	6.20	9.1	ug/L	107879	1	5.64	595078	50.0
3-Pentanone	6.36	9.3	ug/L	110285	1	5.64	595078	50.0
Butanoic acid, me...	6.63	21.4	ug/L	254142	1	5.64	595078	50.0
2-Nonanol	7.72	3.2	ug/L	49879	2	8.87	768812	50.0
1-Pentanol	7.94	31.3	ug/L	480658	2	8.87	768812	50.0
Butanoic acid, et...	8.05	9.0	ug/L	137935	2	8.87	768812	50.0
Hexanal	8.26	4.7	ug/L	72684	2	8.87	768812	50.0
Methyl valerate	8.47	5.1	ug/L	78655	2	8.87	768812	50.0
Propanoic acid, 2...	8.73	359.0	ug/L	5520640	2	8.87	768812	50.0
Thiophene, 2-ethyl-	9.13	2.9	ug/L	44659	2	8.87	768812	50.0
unknown-01	9.28	3.0	ug/L	46779	2	8.87	768812	50.0
1-Hexanol	9.50	83.1	ug/L	1278110	2	8.87	768812	50.0
Pentanoic acid, e...	9.59	12.5	ug/L	192063	2	8.87	768812	50.0
2-Heptanone	9.72	7.5	ug/L	115245	2	8.87	768812	50.0
2-Heptanol	9.86	4.6	ug/L	71161	2	8.87	768812	50.0
Hexanoic acid, me...	9.95	2.8	ug/L	42701	2	8.87	768812	50.0
unknown-02	9.98	7.0	ug/L	107782	2	8.87	768812	50.0
Butane, 1-methoxy-	10.11	19.2	ug/L	246738	3	11.27	641469	50.0
Butanoic acid, 2-...	10.79	5.6	ug/L	71560	3	11.27	641469	50.0
3-Octanone	10.95	12.5	ug/L	160782	3	11.27	641469	50.0
3-Octanol	11.07	9.1	ug/L	117024	3	11.27	641469	50.0