LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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	1.315	64	70	81	rVB2	145059	153762	0.40%	0.177%
2	1.476	112	120	144	rVV	665154	890866	2.32%	1.028%
3	1.579	145	152	163	rVB	110941	128697	0.34%	0.148%
4	1.817	220	226	235	rVB	25503	31827	0.08%	0.037%
5	2.074	248	306	335	rBV	4145312	38376043	100.00%	44.272%
6	2.447	415	422	480	rVB	334606	904544	2.36%	1.044%
7	2.676	483	493	518	rVB	65434	134381	0.35%	0.155%
8	3.068	606	615	625	rVB9	1530	3471	0.01%	0.004%
9	3.203	648	657	673	rVB6	2794	7467	0.02%	0.009%
10	3.367	696	708	711	rBV6	1534	2777	0.01%	0.003%
11	3.521	711	756	805	rBV2	385096	3521010	9.18%	4.062%
12	3.913	865	878	894	rBV2	88275	301058	0.78%	0.347%
13	3.994	894	903	922	rVV2	89593	259503	0.68%	0.299%
14	4.093	922	934	972	rVB	181996	481426	1.25%	0.555%
15	4.376	1004	1022	1054	rBV2	187301	509795	1.33%	0.588%
16	4.521	1055	1067	1101	rVB	200182	469761	1.22%	0.542%
17	4.974	1203	1208	1211	rBV3	647	557	0.00%	0.001%
18	5.071	1218	1238	1296	rBV2	372431	1038348	2.71%	1.198%
19	5.389	1319	1337	1358	rVB	25966	62270	0.16%	0.072%
20	5.553	1375	1388	1403	rBV2	24017	53503	0.14%	0.062%
21	5.640	1403	1415	1439	rVB	297937	593647	1.55%	0.685%
22	5.810	1456	1468	1489	rVB2	13265	27915	0.07%	0.032%
23	6.007	1497	1529	1548	rBV2	917827	3720865	9.70%	4.292%
24	6.093	1550	1556	1580	rVB	246791	499507	1.30%	0.576%
25	6.318	1621	1626	1629	rBV6	2673	3603	0.01%	0.004%
26	6.380	1630	1645	1671	rVB	261700	537167	1.40%	0.620%
27	6.492	1672	1680	1693	rBV	10885	19374	0.05%	0.022%
28	6.563	1693	1702	1713	rBV4	10682	30010	0.08%	0.035%
29	6.627	1713	1722	1750	rVB	114032	212279	0.55%	0.245%
30	7.016	1834	1843	1856	rVB3	4018	7088	0.02%	0.008%
31	7.129	1866	1878	1886	rBV8	3503	7425	0.02%	0.009%
32	7.206	1891	1902	1905	rBV3	9694	14073	0.04%	0.016%
33	7.248	1905	1915	1925	rBV	270123	456706	1.19%	0.527%
34	7.296	1925	1930	1934	rVV	40422	55375	0.14%	0.064%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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	7.338	1934	1943	1953	rVV	412031	680613	1.77%	0.785%
36	7.389	1953	1959	1974	rVB6	40957	91586	0.24%	0.106%
37	7.646	2030	2039	2051	rVB3	73792	127128	0.33%	0.147%
38	7.717	2052	2061	2083	rVB	36455	78704	0.21%	0.091%
39	7.884	2105	2113	2123	rBV2	5069	9866	0.03%	0.011%
40	7.949	2123	2133	2155	rBV	122850	309133	0.81%	0.357%
41	8.052	2156	2165	2174	rVV	213126	327541	0.85%	0.378%
42	8.106	2174	2182	2198	rVB	261396	433724	1.13%	0.500%
43	8.212	2208	2215	2225	rVB2	22603	33233	0.09%	0.038%
44	8.267	2225	2232	2240	rVB5	7779	11157	0.03%	0.013%
45	8.402	2268	2274	2282	rBV4	2431	4419	0.01%	0.005%
46	8.466	2285	2294	2309	rVB	57889	89588	0.23%	0.103%
47	8.740	2341	2379	2410	rBV	6482756	24144802	62.92%	27.854%
48	8.871	2411	2420	2449	rVB	469716	846300	2.21%	0.976%
49	9.129	2492	2500	2516	rVB	33843	57840	0.15%	0.067%
50	9.273	2533	2545	2574	rBV2	32740	92372	0.24%	0.107%
51	9.498	2604	2615	2630	rBV	264638	470476	1.23%	0.543%
52	9.592	2636	2644	2671	rVB	163418	265398	0.69%	0.306%
53	9.720	2674	2684	2704	rVB2	41462	76820	0.20%	0.089%
54	9.862	2719	2728	2747	rVB	37060	65083	0.17%	0.075%
55	9.981	2749	2765	2774	rBV	144810	257062	0.67%	0.297%
56	10.106	2790	2804	2834	rBV	528348	1153256	3.01%	1.330%
57	10.238	2835	2845	2869	rVB	312057	490244	1.28%	0.566%
58	10.367	2878	2885	2899	rVV8	3621	7906	0.02%	0.009%
59	10.441	2901	2908	2912	rVV2	5586	8384	0.02%	0.010%
60	10.476	2914	2919	2929	rVB2	9792	14469	0.04%	0.017%
61	10.540	2931	2939	2950	rVB3	9785	16543	0.04%	0.019%
62	10.788	3006	3016	3025	rBV	81322	142240	0.37%	0.164%
63	10.836	3025	3031	3040	rVV	29582	46939	0.12%	0.054%
64	10.903	3046	3052	3061	rVV3	20616	38039	0.10%	0.044%
65	10.955	3061	3068	3079	rVB	86186	125698	0.33%	0.145%
66	11.077	3094	3106	3120	rBV3	45338	86714	0.23%	0.100%
67	11.145	3121	3127	3143	rVB	14899	26729	0.07%	0.031%
68	11.270	3155	3166	3183	rVB	460099	698970	1.82%	0.806%
69	11.354	3183	3192	3206	rBV	98685	182075	0.47%	0.210%
70	11.431	3209	3216	3232	rVB4	19484	40410	0.11%	0.047%
71	11.553	3247	3254	3268	rBV5	6319	12070	0.03%	0.014%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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	11.646	3272	3283	3304	rVB	419817	653362	1.70%	0.754%
73	11.746	3308	3314	3321	rVV3	3796	4520	0.01%	0.005%
74	11.797	3322	3330	3342	rVB7	4751	8748	0.02%	0.010%
75	12.022	3386	3400	3439	rBV	487252	854774	2.23%	0.986%
76	12.254	3468	3472	3480	rVB5	4416	5434	0.01%	0.006%
77	12.302	3482	3487	3500	rVB2	7400	11947	0.03%	0.014%
78	12.392	3509	3515	3530	rVB2	8921	14770	0.04%	0.017%
79	12.508	3545	3551	3561	rVB3	3519	5590	0.01%	0.006%
80	12.730	3616	3620	3626	rVB3	1252	1081	0.00%	0.001%
81	12.897	3664	3672	3678	rBV2	4895	7599	0.02%	0.009%
82	13.116	3729	3740	3747	rBV6	4696	10653	0.03%	0.012%
83	13.148	3747	3750	3756	rVB5	2470	2910	0.01%	0.003%
84	13.456	3840	3846	3851	rBV7	469	701	0.00%	0.001%
85	13.537	3865	3871	3872	rBV4	1156	1073	0.00%	0.001%
86	13.563	3875	3879	3888	rVB3	2847	4164	0.01%	0.005%
87	13.653	3903	3907	3915	rVB3	1069	1298	0.00%	0.001%
88	13.739	3928	3934	3940	rVV5	1316	1960	0.01%	0.002%
89	13.778	3940	3946	3952	rVV6	686	1043	0.00%	0.001%
90	13.807	3952	3955	3961	rVV3	617	532	0.00%	0.001%
91	13.907	3984	3986	3993	rVB4	688	671	0.00%	0.001%
92	13.977	4002	4008	4010	rBV3	806	815	0.00%	0.001%
93	14.058	4025	4033	4042	rVB3	2891	4524	0.01%	0.005%
94	14.151	4054	4062	4064	rBV4	656	910	0.00%	0.001%
95	14.334	4111	4119	4120	rBV5	996	1064	0.00%	0.001%
96	14.858	4272	4282	4285	rBV6	435	655	0.00%	0.001%
97	14.890	4289	4292	4301	rVB4	433	500	0.00%	0.001%
98	14.958	4307	4313	4320	rVV4	894	1082	0.00%	0.001%
99	15.379	4438	4444	4446	rBV4	618	579	0.00%	0.001%
100	16.624	4828	4831	4833	rBV3	846	599	0.00%	0.001%

Sum of corrected areas: 86683189

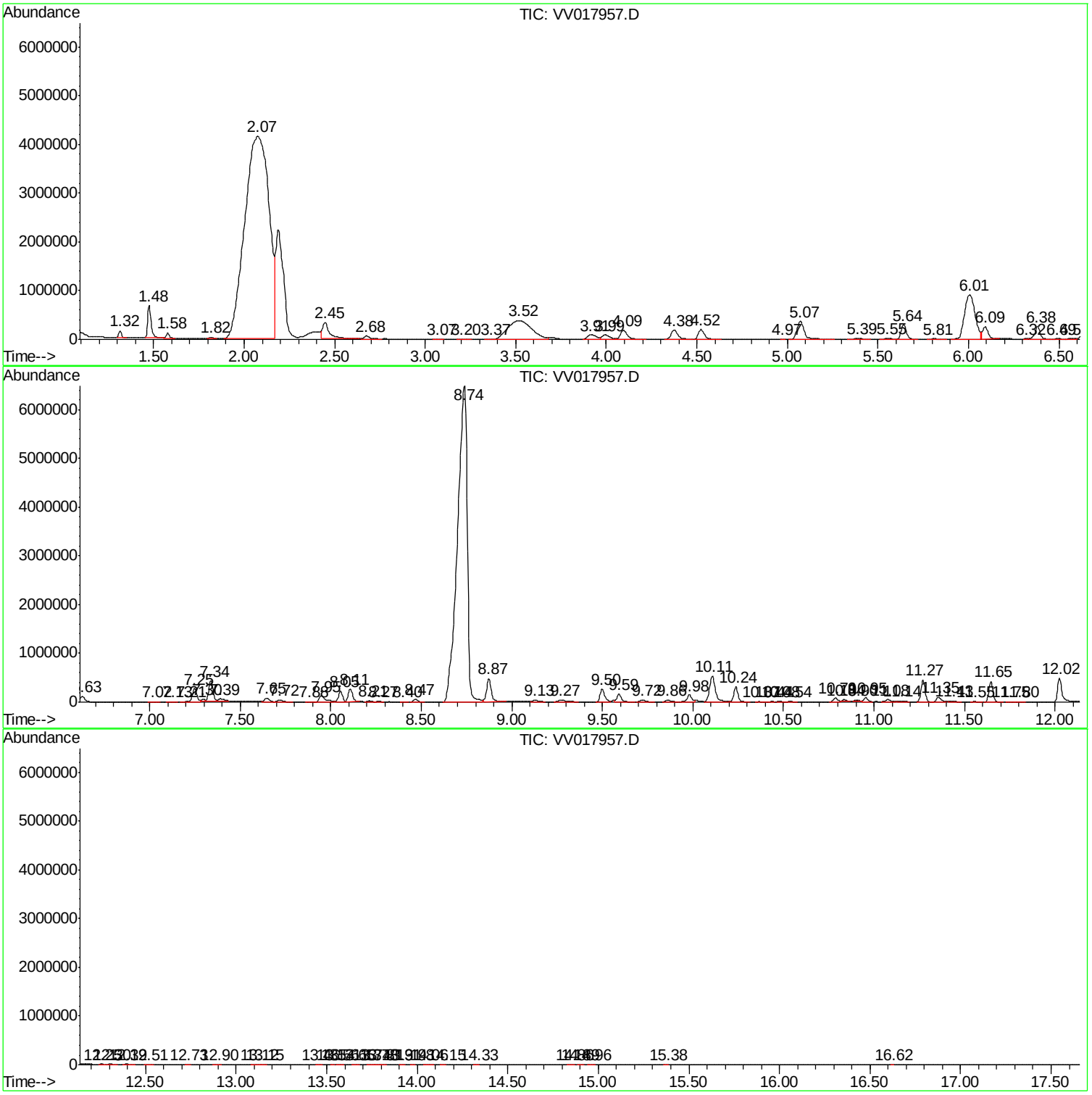
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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 : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

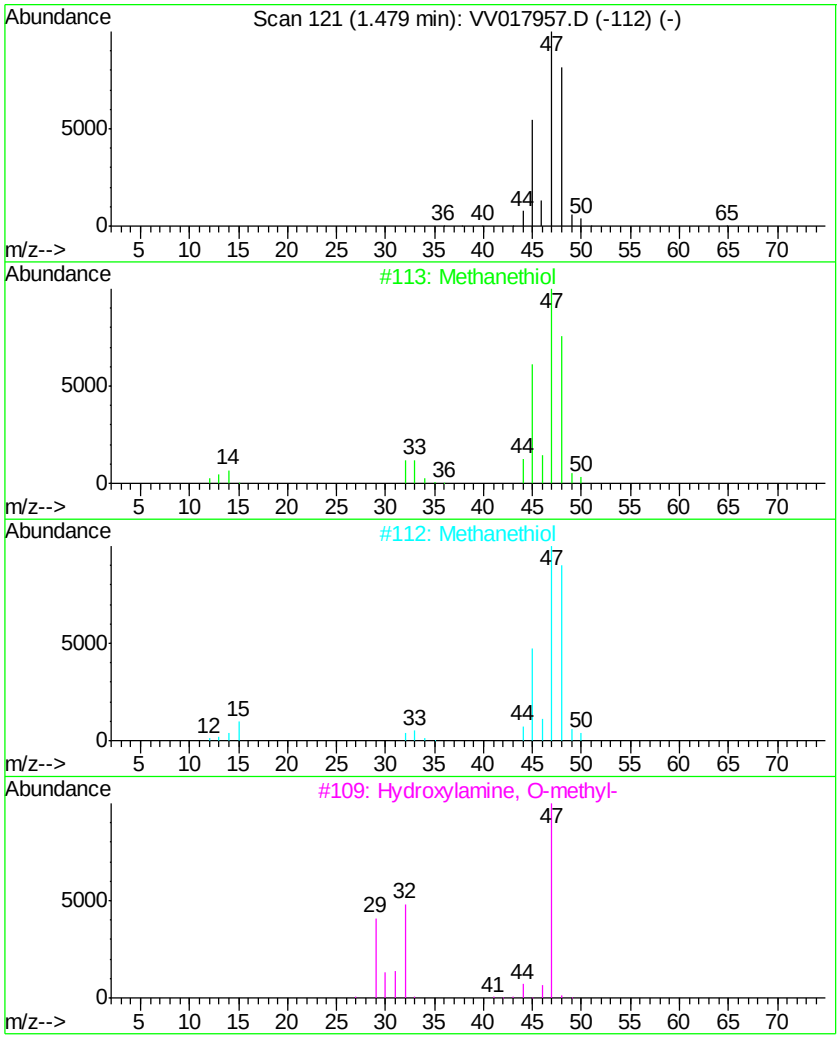
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

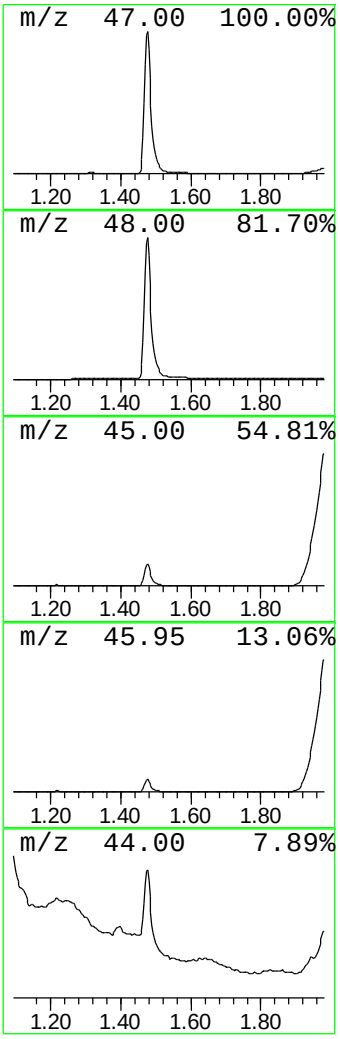
****

Peak Number 1 Methanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	75.03 ug/L	890866	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
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 : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

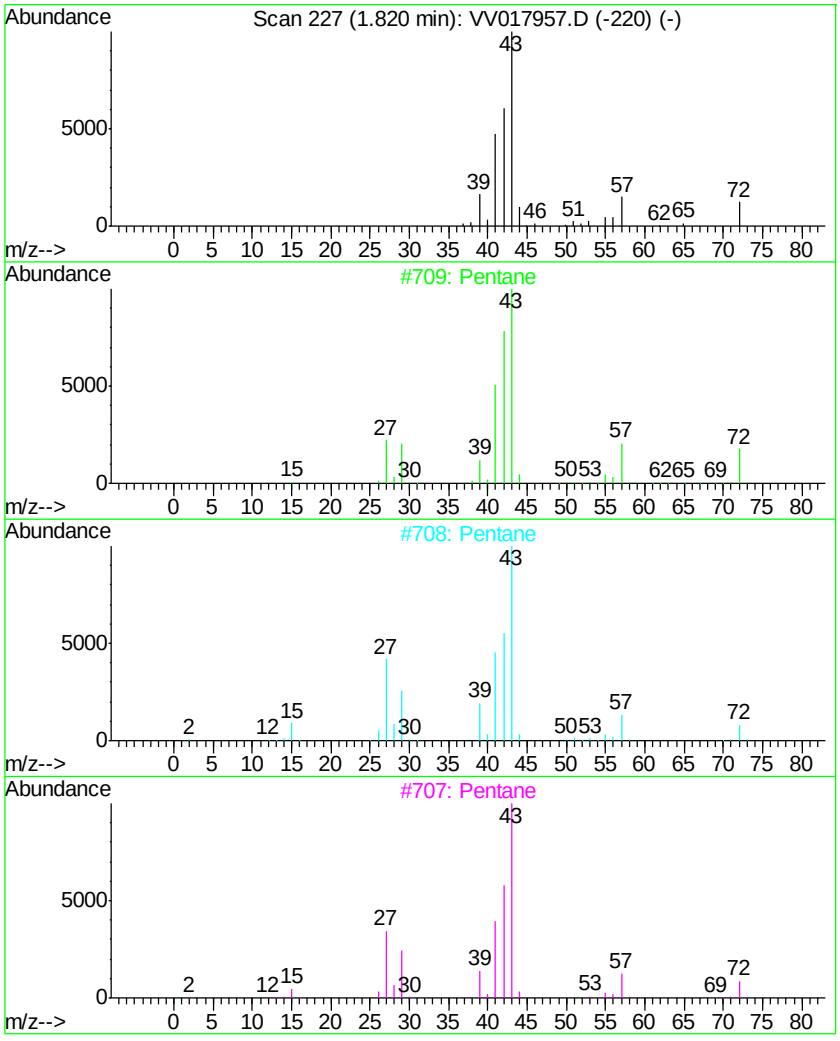
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

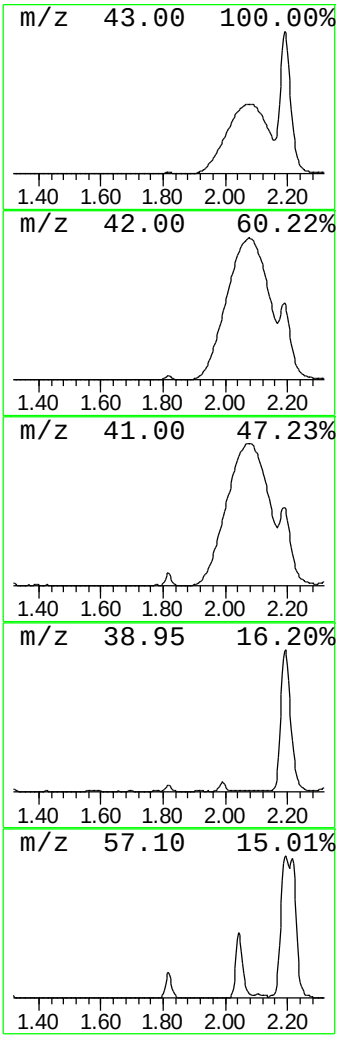
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	2.68 ug/L	31827	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	3-Buten-1-ol	72	C4H8O	000627-27-0	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

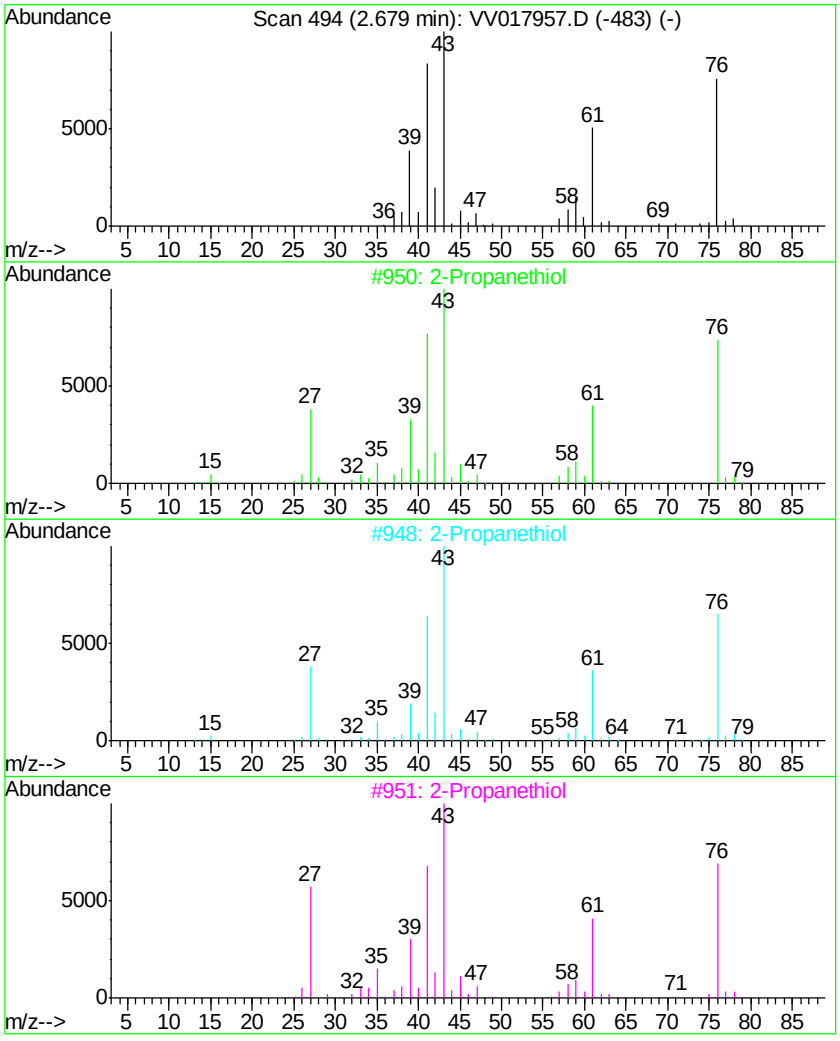
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

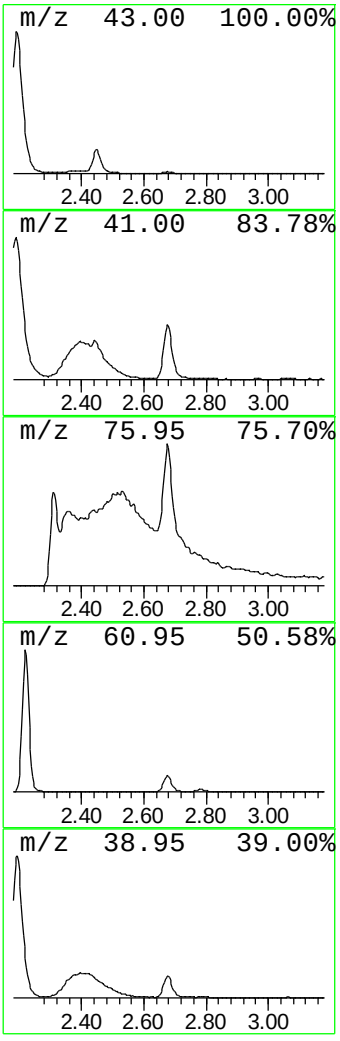
****

Peak Number 3 2-Propanethiol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	11.32 ug/L	134381	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanethiol	76	C3H8S	000075-33-2	91
2	2-Propanethiol	76	C3H8S	000075-33-2	91
3	2-Propanethiol	76	C3H8S	000075-33-2	91
4	2-Propanethiol	76	C3H8S	000075-33-2	91
5	Thiourea	76	CH4N2S	000062-56-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

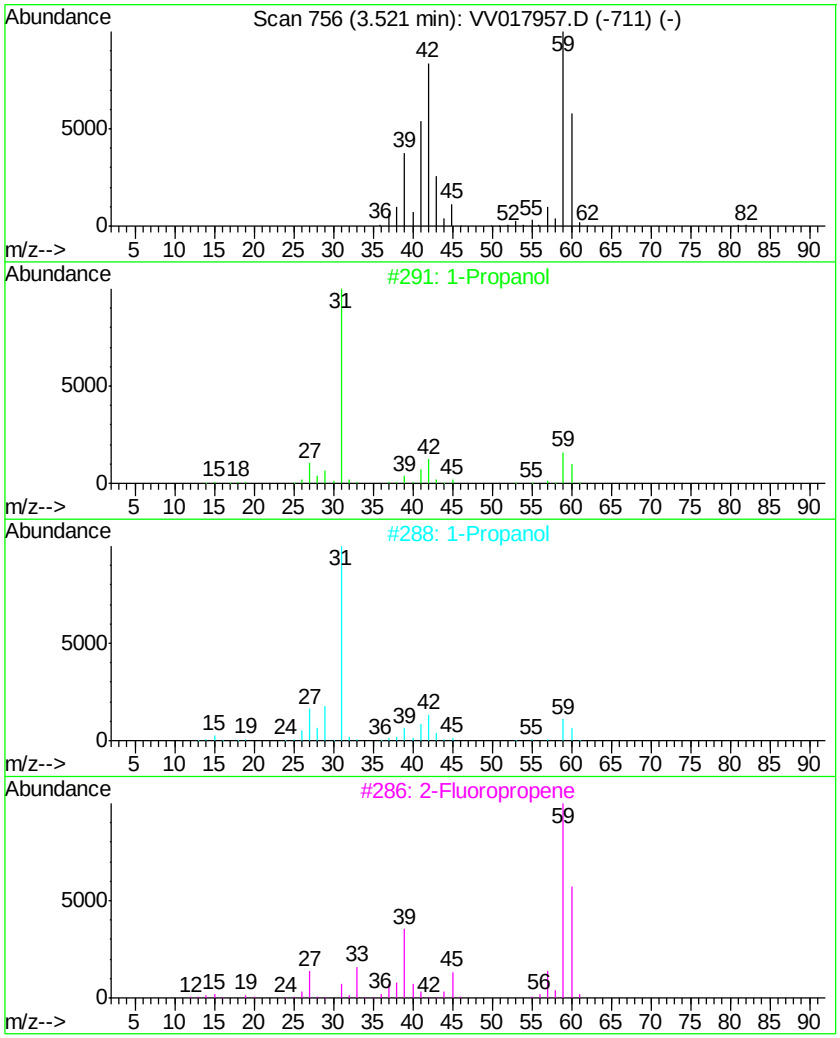
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

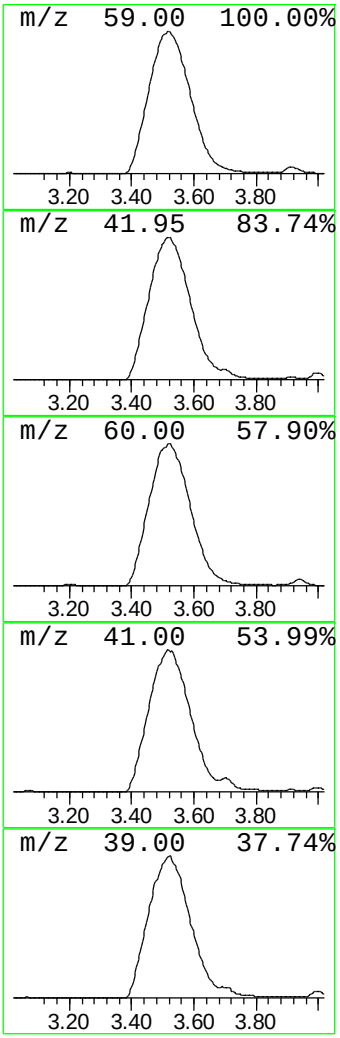
****

Peak Number 4 1-Propanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	296.56 ug/L	3521010	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	72
3	2-Fluoropropene	60	C3H5F	001184-60-7	52
4	2-Fluoropropene	60	C3H5F	001184-60-7	47
5	Allyl fluoride	60	C3H5F	000818-92-8	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

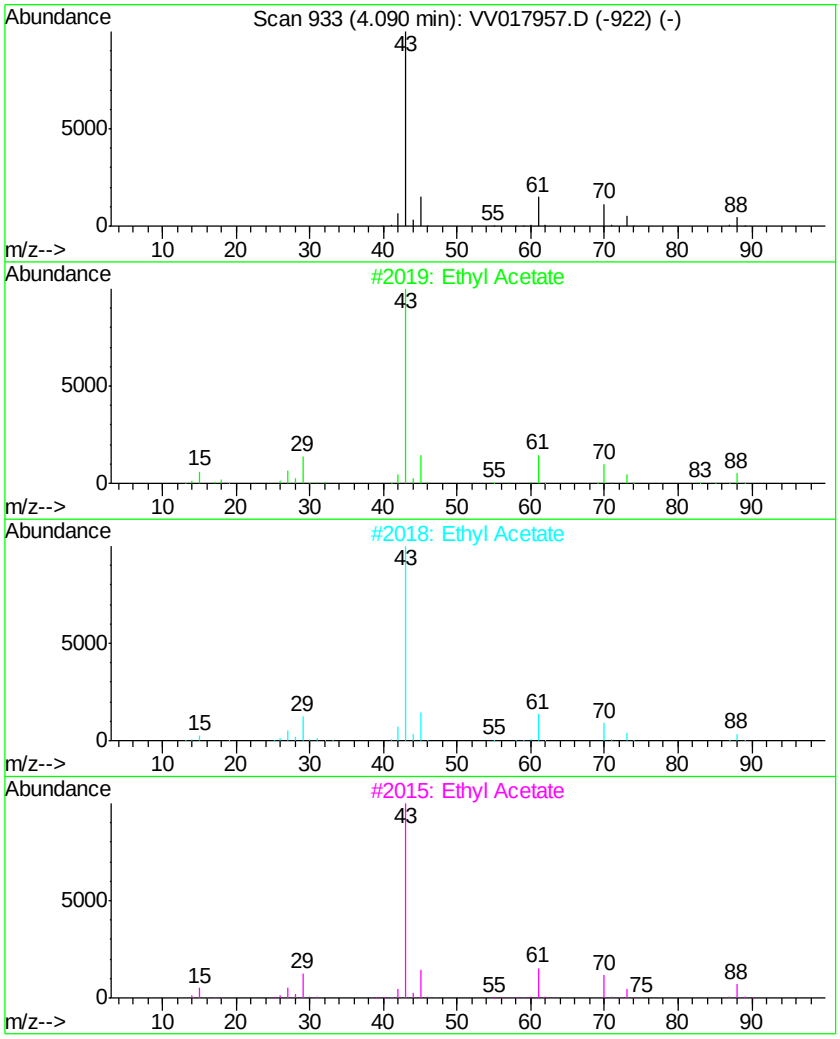
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

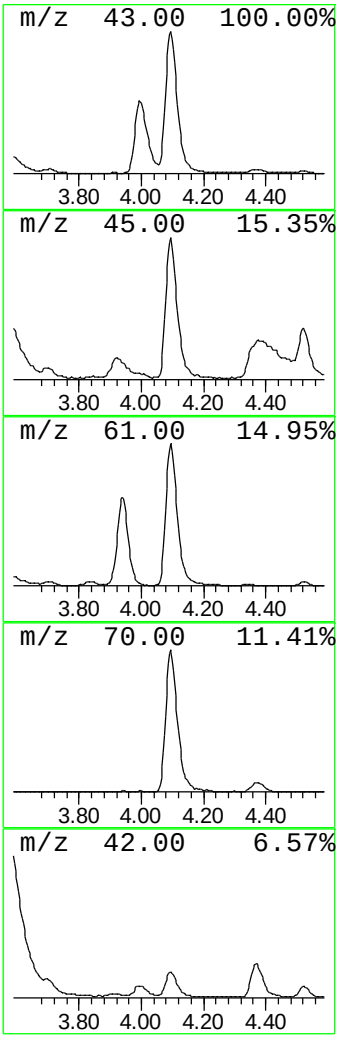
****

Peak Number 5 Ethyl Acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	40.55 ug/L	481426	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	78
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

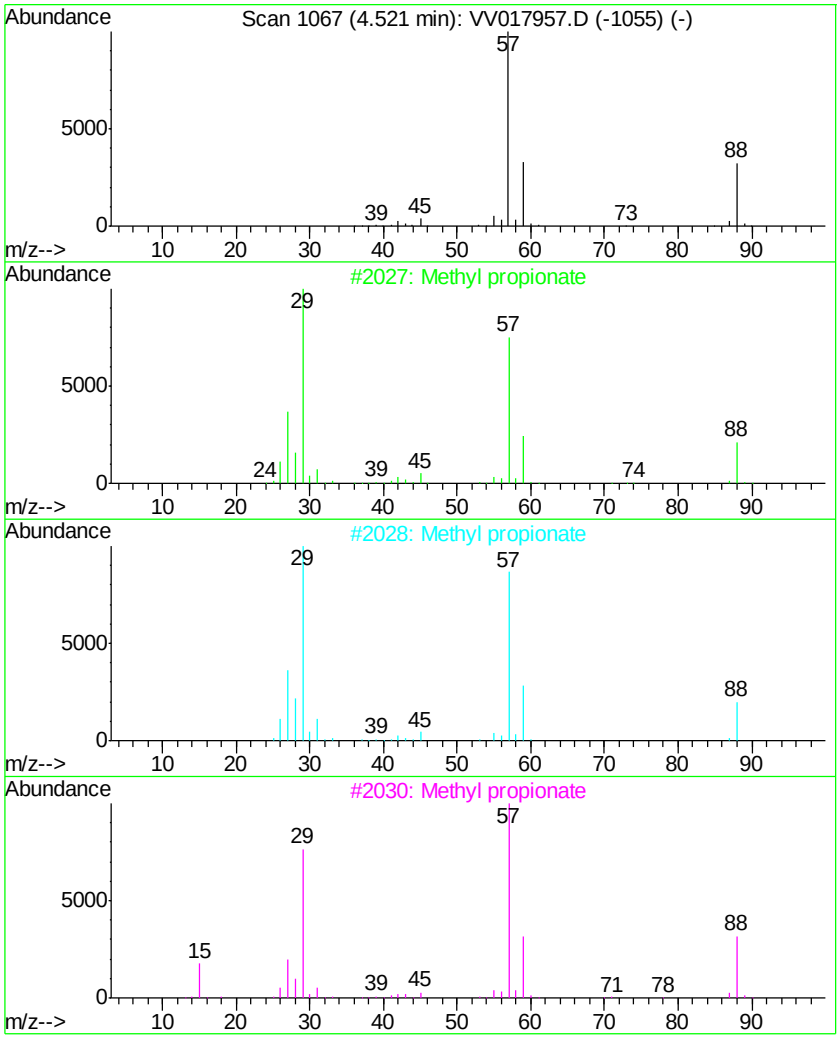
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

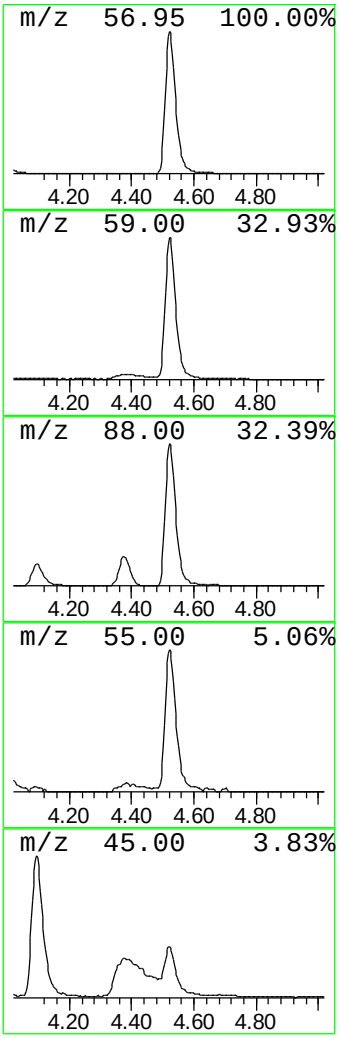
****

Peak Number 6 Methyl propionate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	39.57 ug/L	469761	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl propionate	88	C4H8O2	000554-12-1	86
2	Methyl propionate	88	C4H8O2	000554-12-1	86
3	Methyl propionate	88	C4H8O2	000554-12-1	80
4	Methyl propionate	88	C4H8O2	000554-12-1	59
5	tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	9





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Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

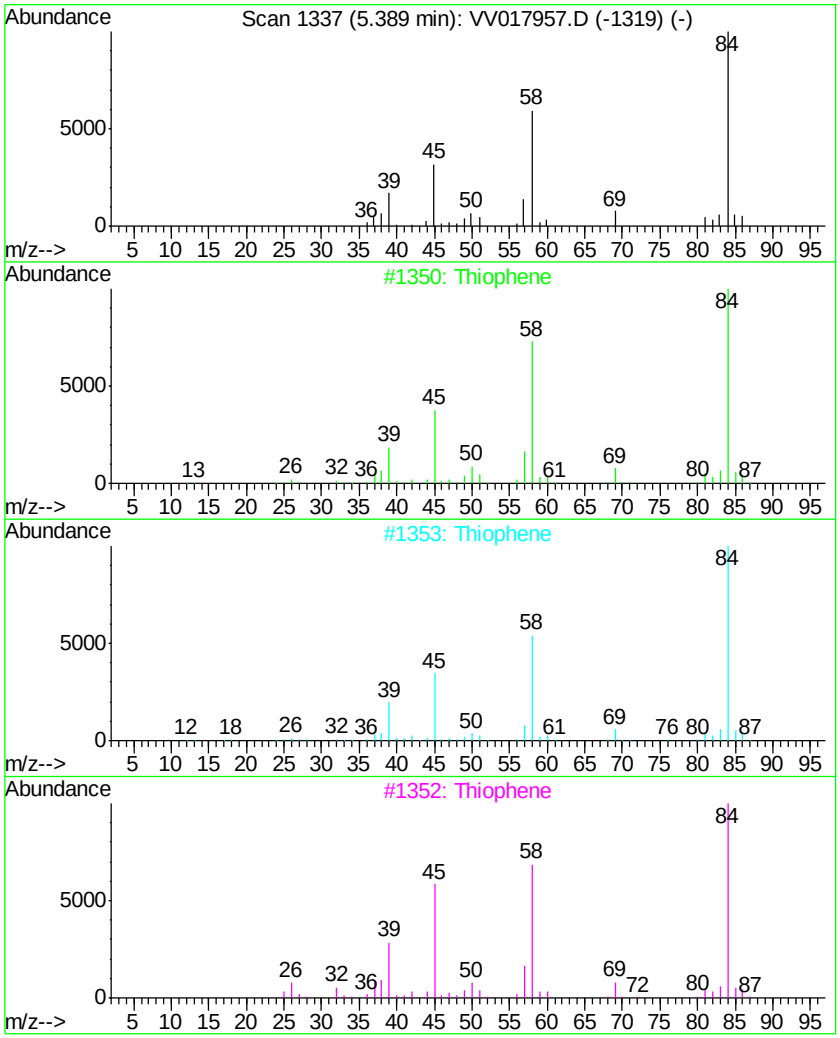
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

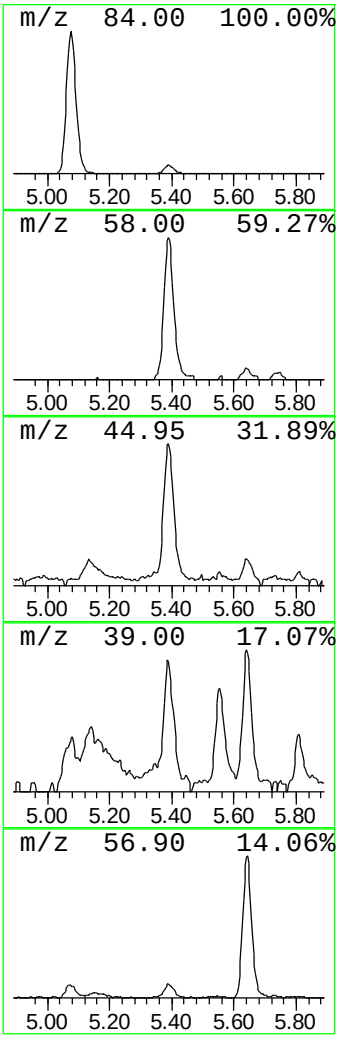
****

Peak Number 7 Thiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	5.24 ug/L	62270	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	97
2	Thiophene	84	C4H4S	000110-02-1	94
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	91
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43





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Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

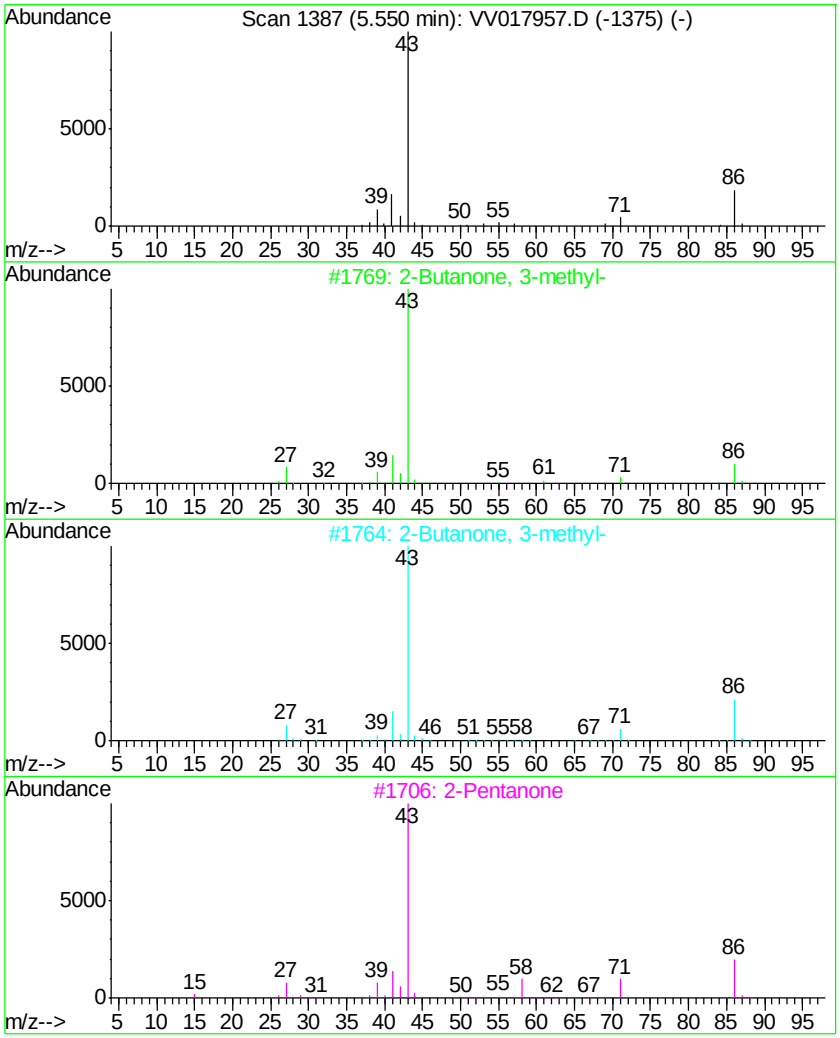
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

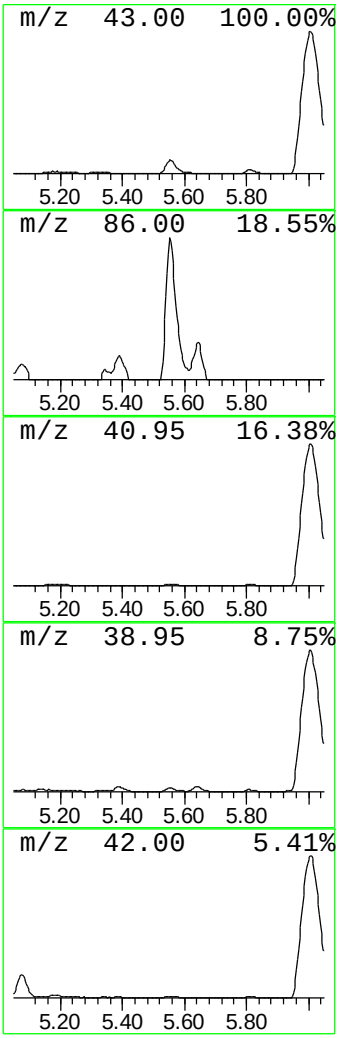
****

Peak Number 8 2-Butanone, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	4.51 ug/L	53503	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	72
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
3	2-Pentanone	86	C5H10O	000107-87-9	59
4	2-Pentanone	86	C5H10O	000107-87-9	53
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	47





Library Search Compound Report

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Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

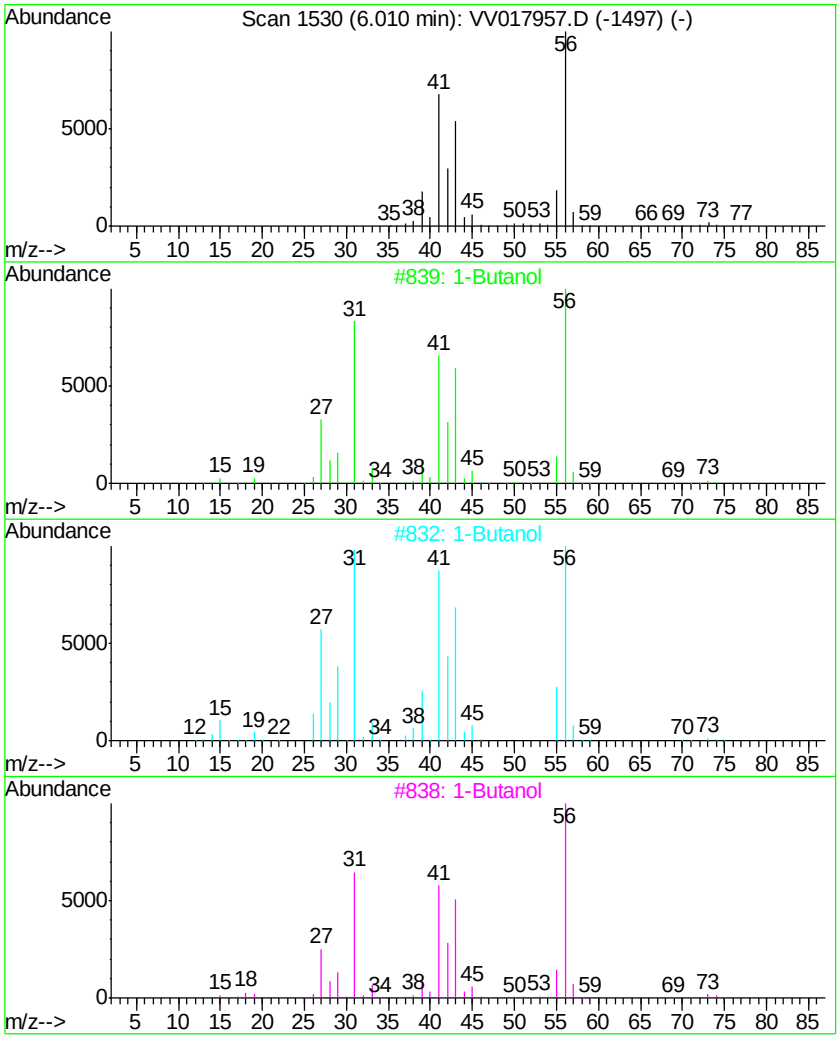
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

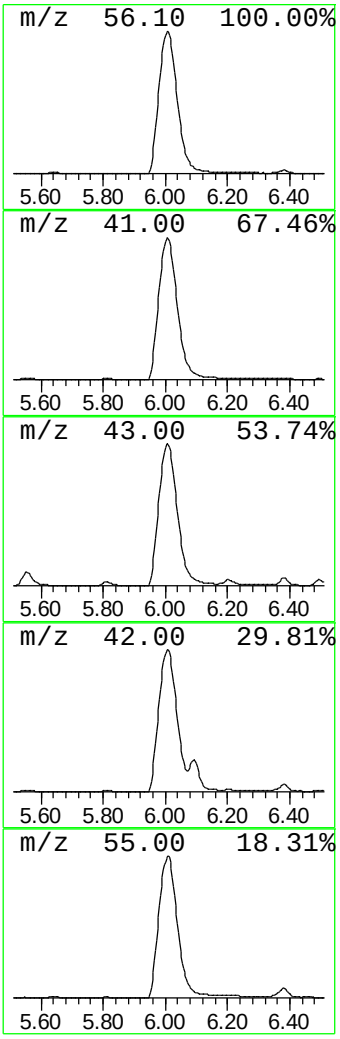
****

Peak Number 9 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	313.39 ug/L	3720870	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	1-Butanol	74	C4H10O	000071-36-3	90
3	1-Butanol	74	C4H10O	000071-36-3	90
4	1-Butanol	74	C4H10O	000071-36-3	78
5	1-Butanol	74	C4H10O	000071-36-3	53





Library Search Compound Report

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Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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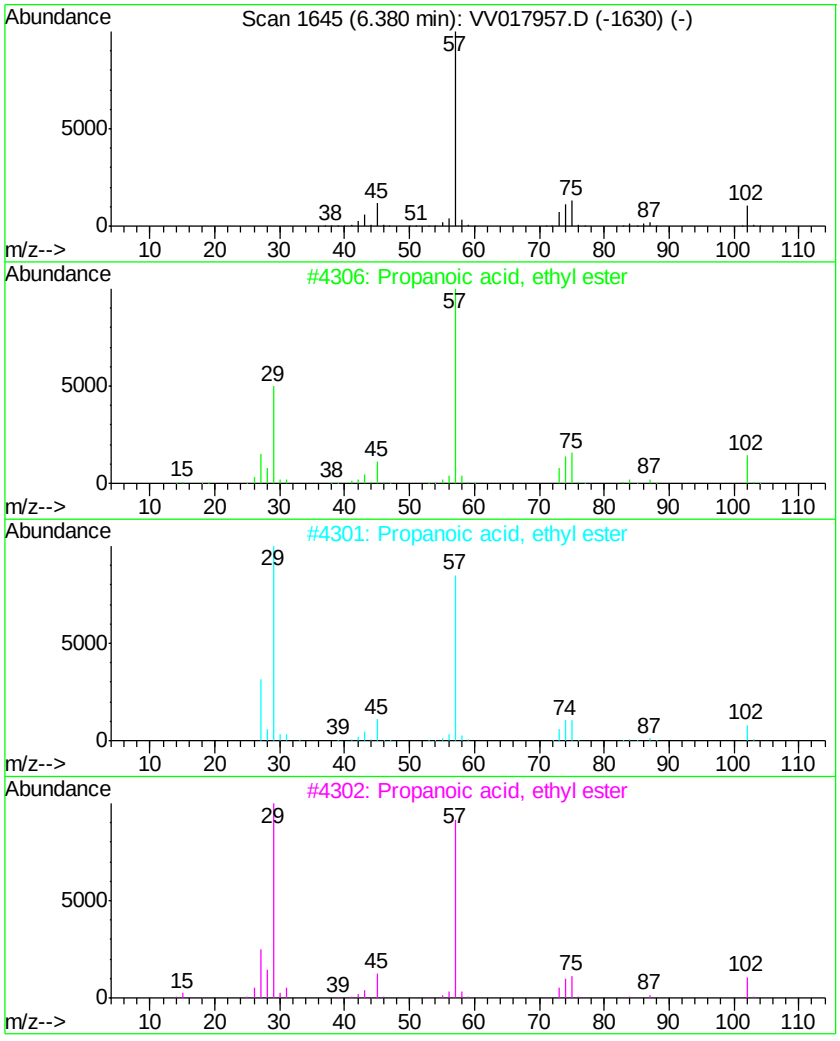
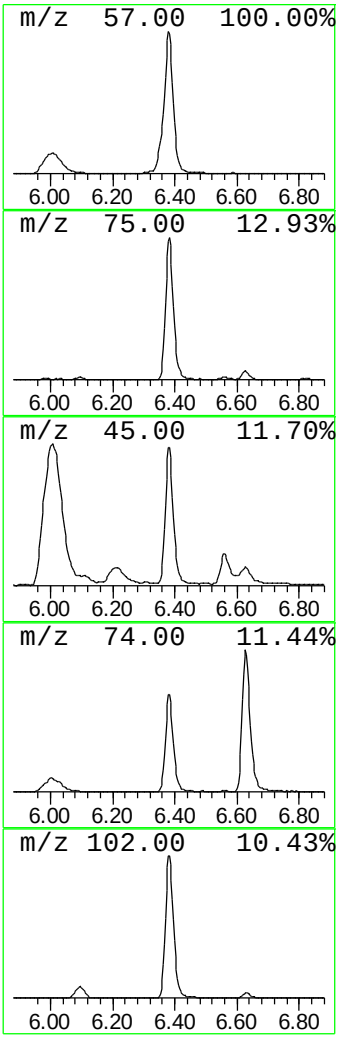
Peak Number 10 Propanoic acid, ethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	45.24 ug/L	537167	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	91
2	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	90
3	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	86
4	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	72
5	Propanoic acid, ethyl ester	102	C5H10O2	000105-37-3	64





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Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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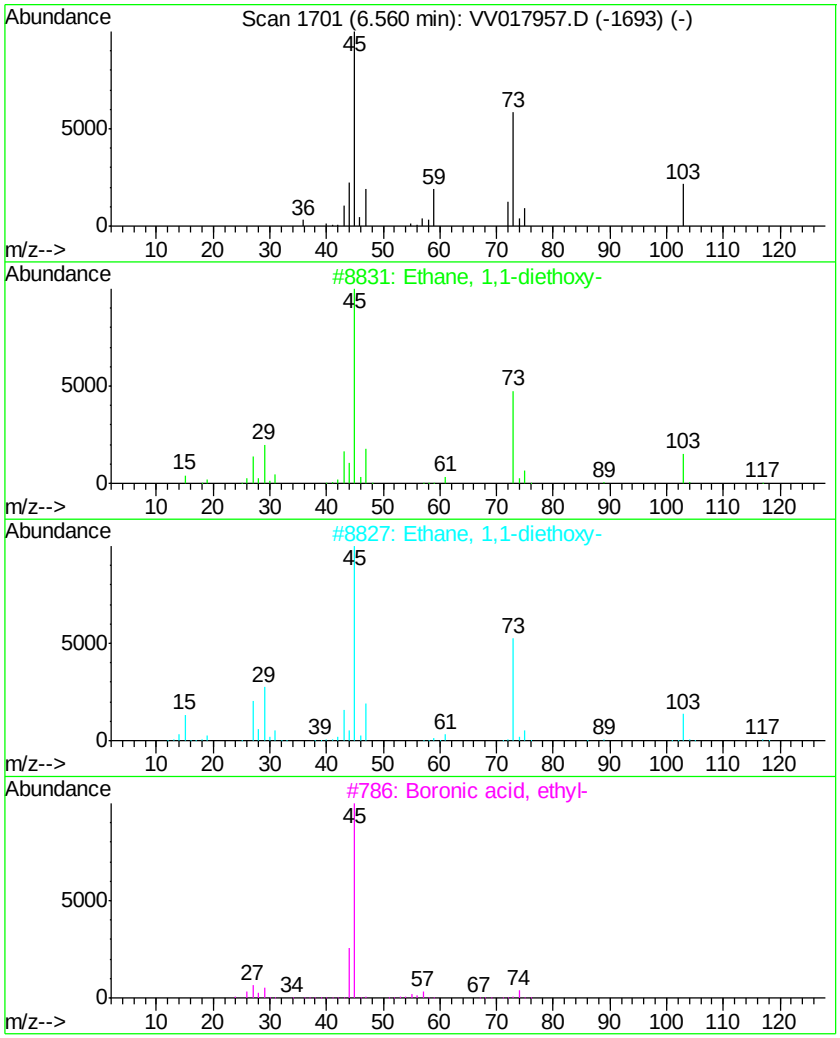
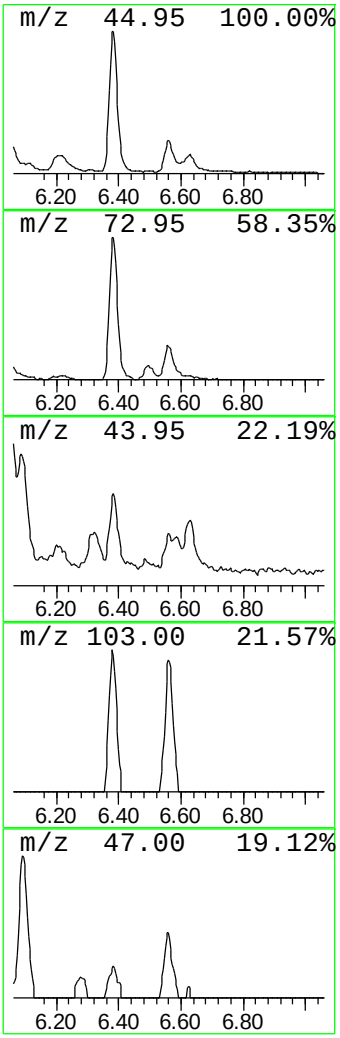
Peak Number 11 Ethane, 1,1-diethoxy- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	2.53 ug/L	30010	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-diethoxy-	118	C6H14O2	000105-57-7	53
2	Ethane, 1,1-diethoxy-	118	C6H14O2	000105-57-7	42
3	Boronic acid, ethyl-	74	C2H7BO2	004433-63-0	37
4	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	36
5	Isoxazolidine	73	C3H7NO	000504-72-3	32





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Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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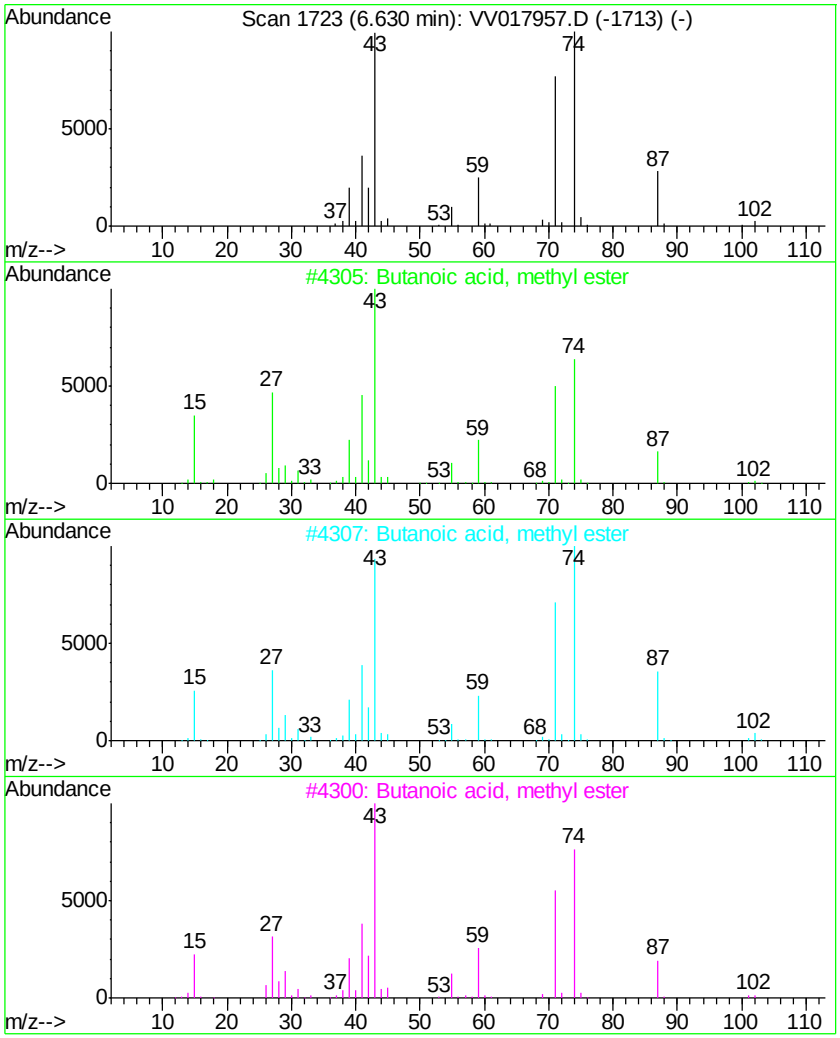
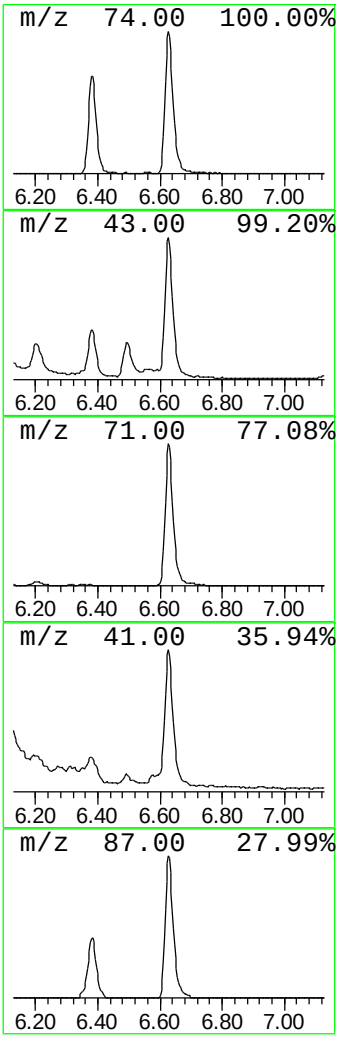
Peak Number 12 Butanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	17.88 ug/L	212279	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	72
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	56
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	45
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	32
5	Propanoic acid, 2-methyl-, methy...	102	C5H10O2	000547-63-7	32





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Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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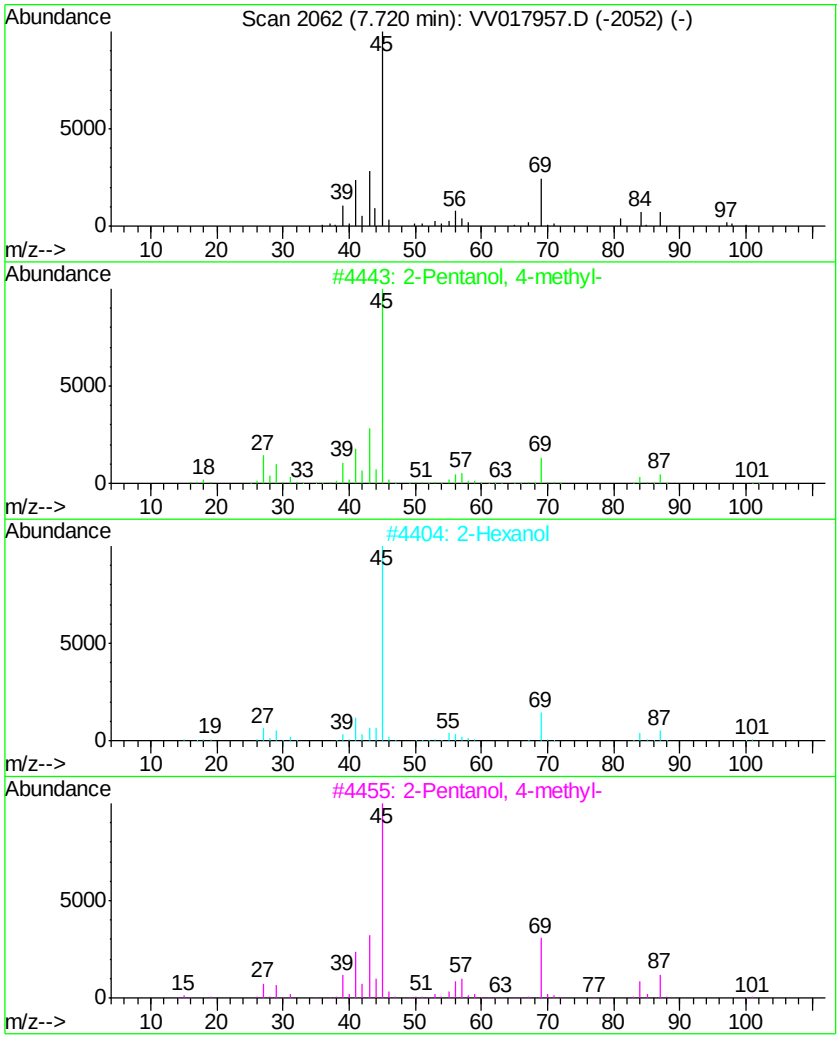
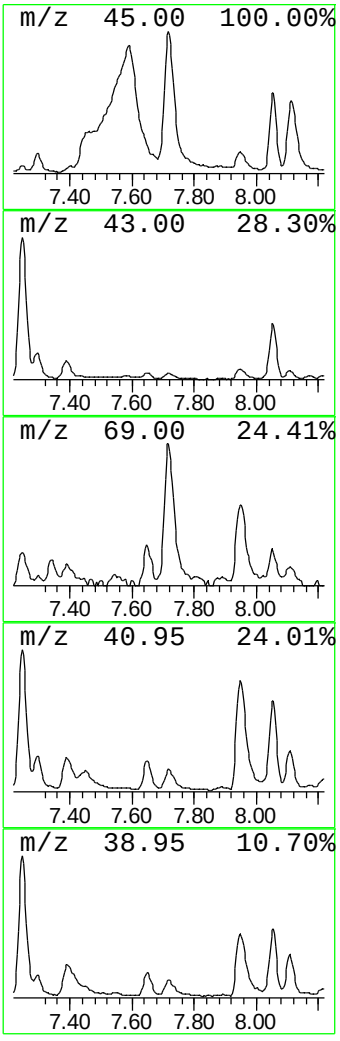
Peak Number 13 2-Pentanol, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	4.65 ug/L	78704	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
2	2-Hexanol	102	C6H14O	000626-93-7	72
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	56
5	2-Hexanol	102	C6H14O	000626-93-7	56





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Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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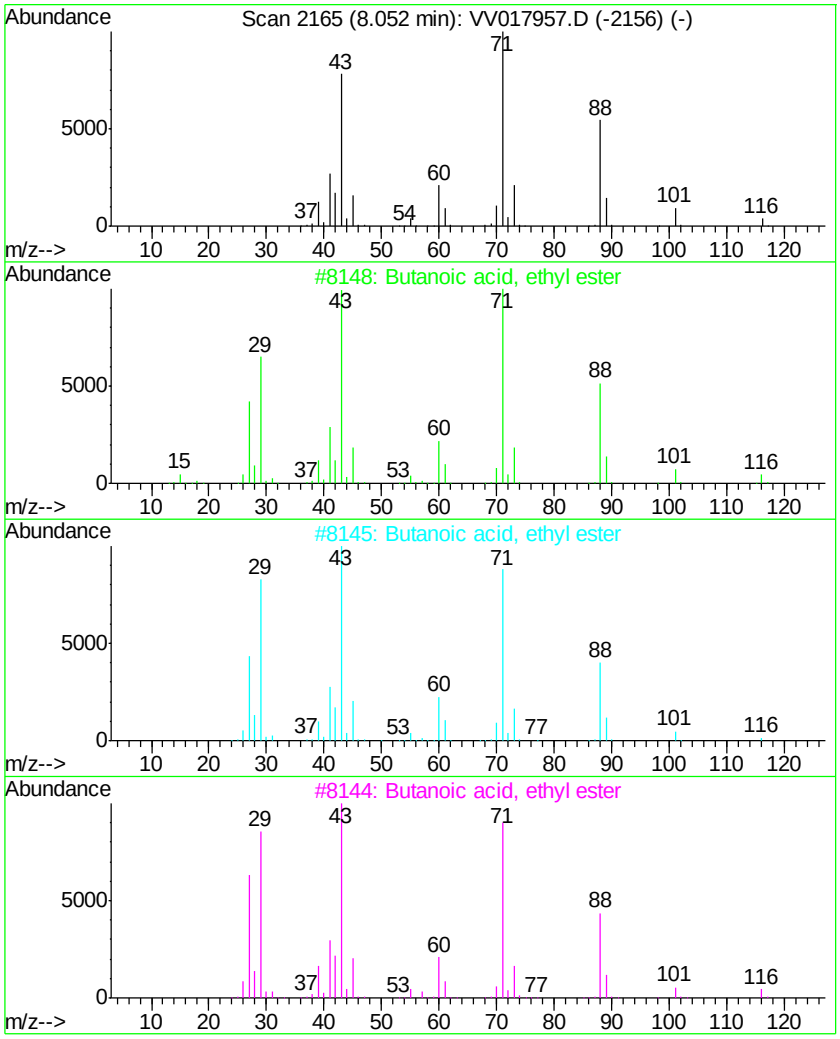
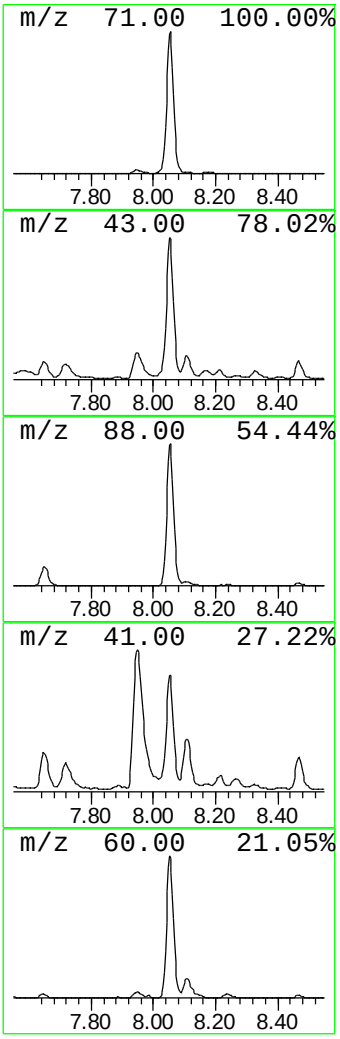
Peak Number 14 Butanoic acid, ethyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	19.35 ug/L	327541	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	97
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	72
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	72
4	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	49
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	47





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Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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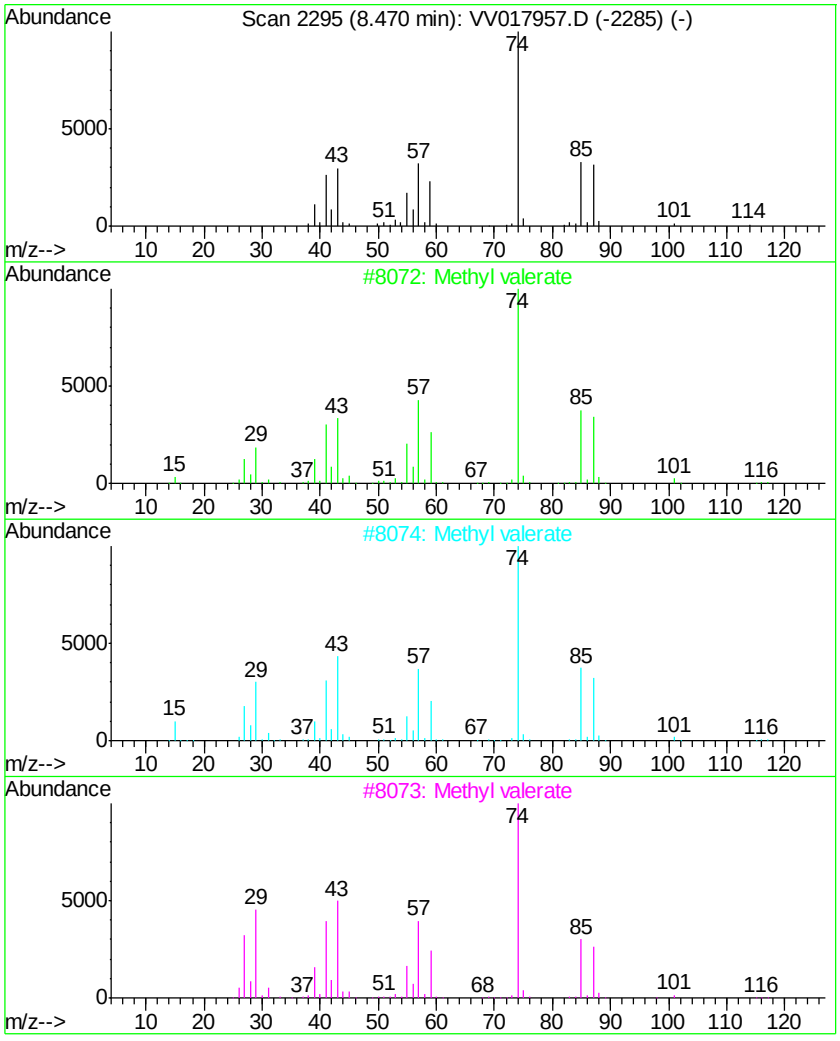
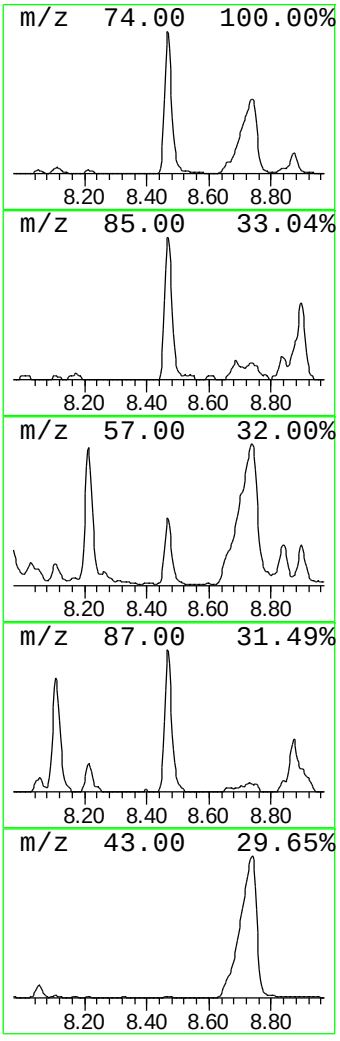
Peak Number 15 Methyl valerate Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	5.29 ug/L	89588	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 isovalerate	116	C6H12O2	000556-24-1	64
5	Methyl valerate	116	C6H12O2	000624-24-8	50





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Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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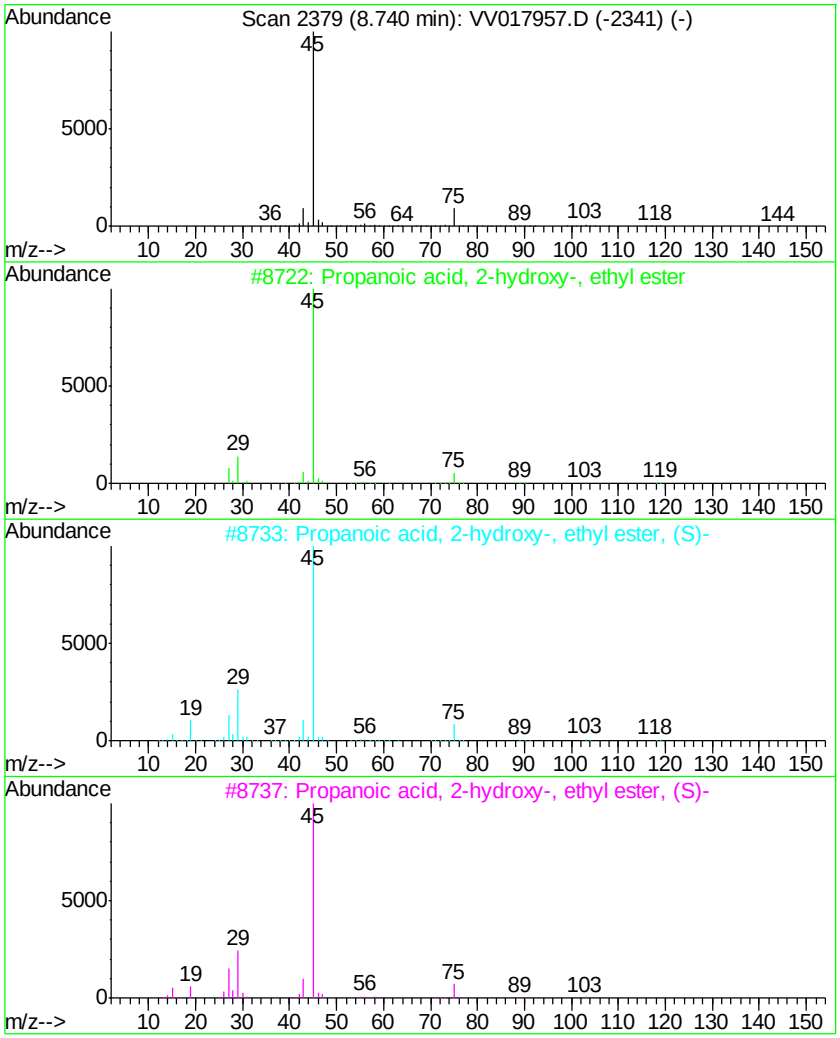
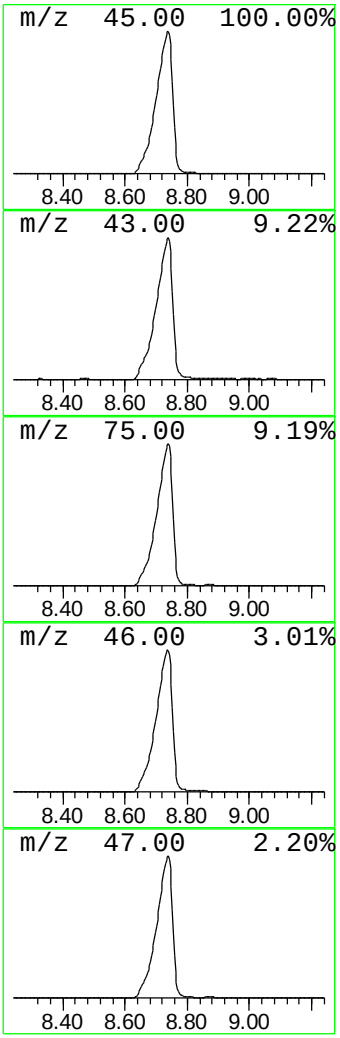
Peak Number 16 Propanoic acid, 2-hydroxy-,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	1426.49 ug/L	24144800	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	000687-47-8	56
4	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000097-64-3	40
5	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000687-47-8	25





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Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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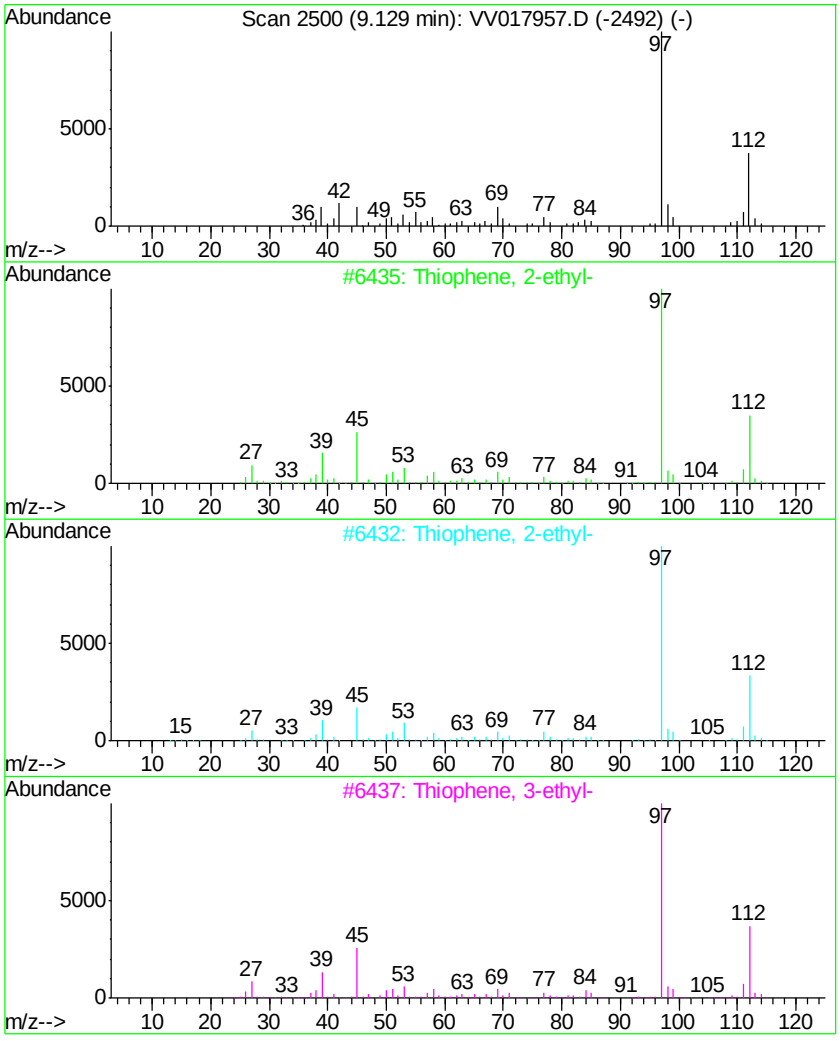
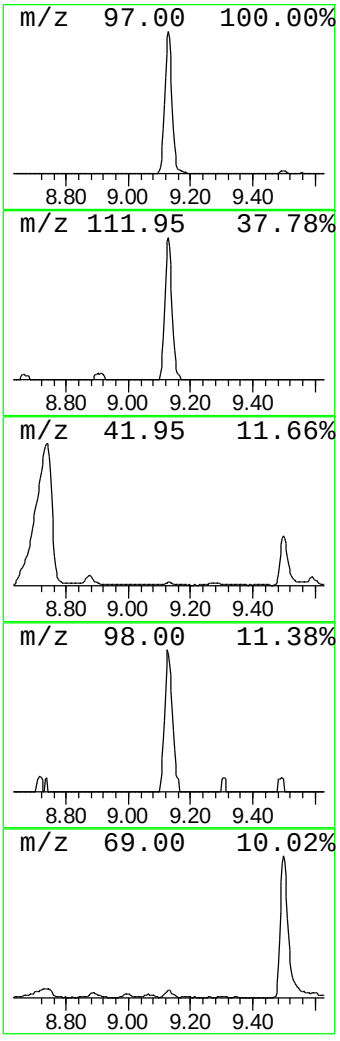
Peak Number 17 Thiophene, 2-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	3.42 ug/L	57840	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	91
2	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	87
3	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	87
4	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	86
5	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

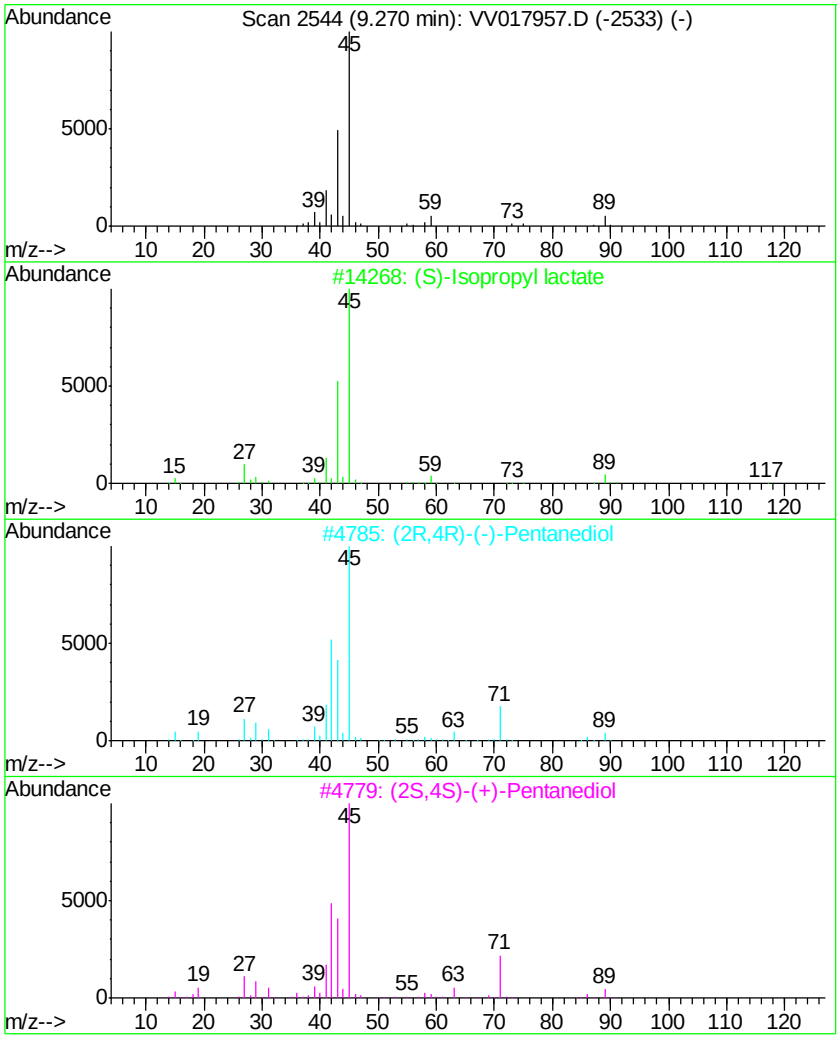
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

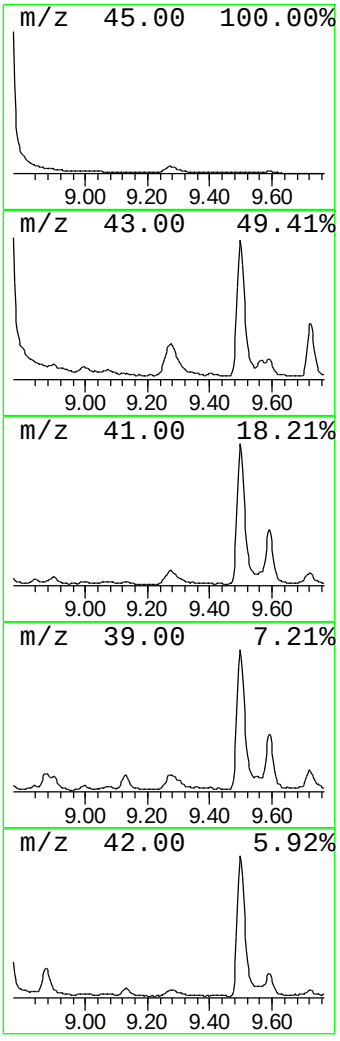
****

Peak Number 18 (S)-Isopropyl lactate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	5.46 ug/L	92372	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-Isopropyl lactate	132	C6H12O3	063697-00-7	64
2	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	43
3	(2S,4S)-(+)-Pentanediol	104	C5H12O2	072345-23-4	43
4	2,4-Pentanediol	104	C5H12O2	000625-69-4	40
5	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	39





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Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

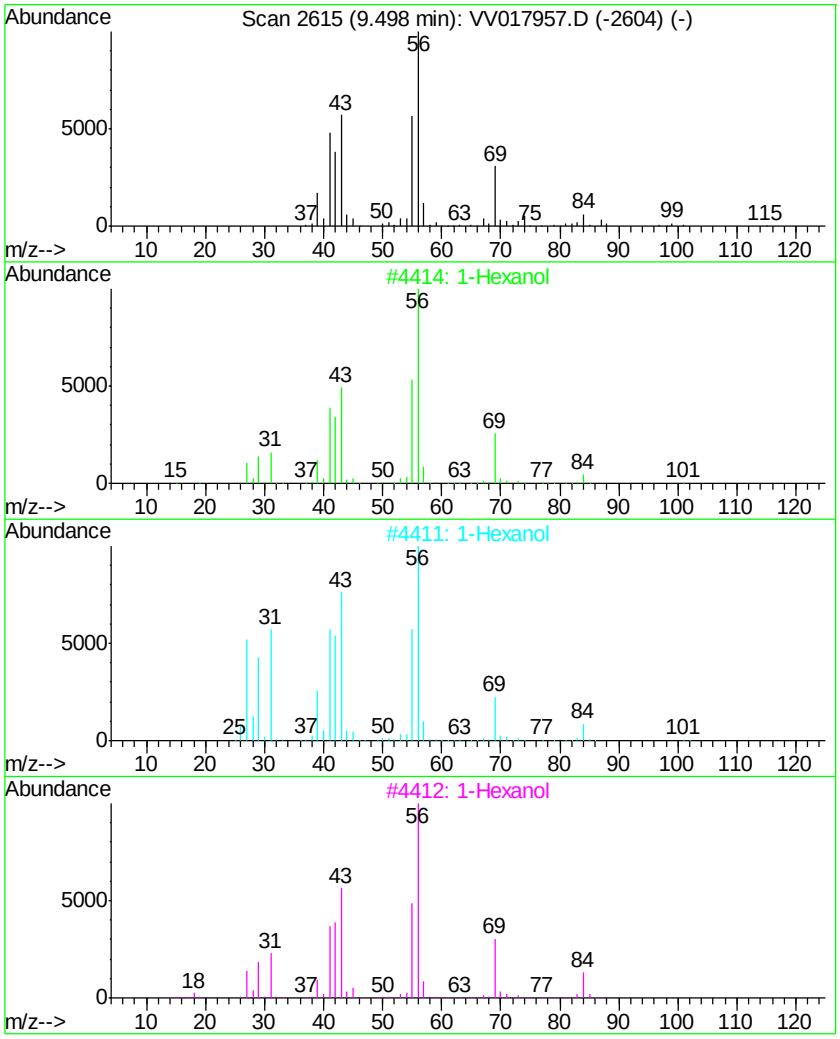
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

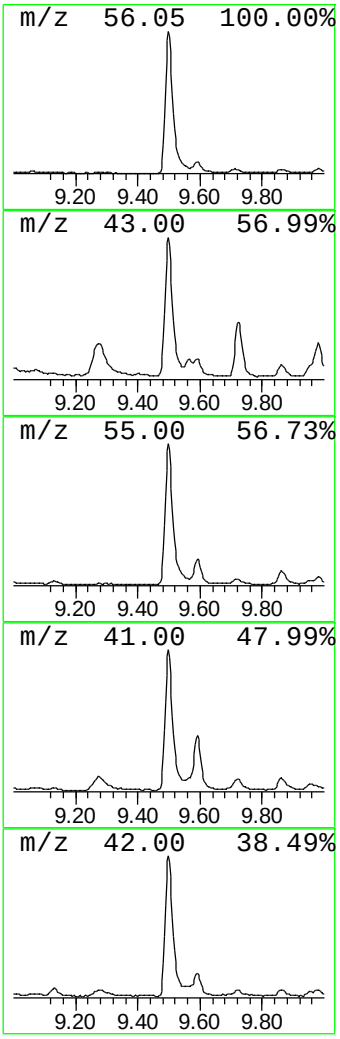
****

Peak Number 19 1-Hexanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	27.80 ug/L	470476	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	78
2	1-Hexanol	102	C6H14O	000111-27-3	78
3	1-Hexanol	102	C6H14O	000111-27-3	78
4	1-Hexanol	102	C6H14O	000111-27-3	78
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

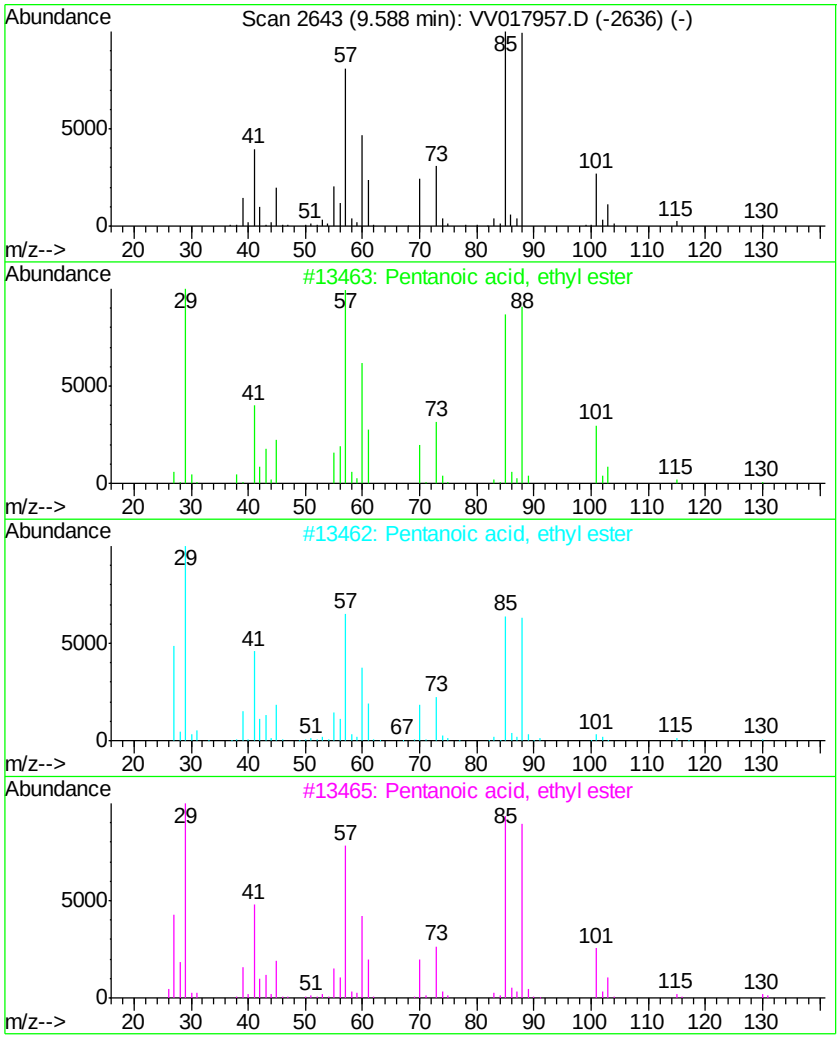
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

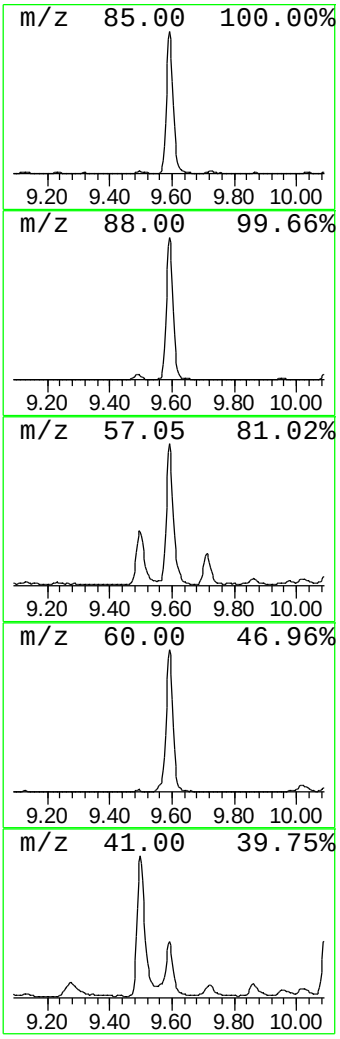
****

Peak Number 20 Pentanoic acid, ethyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	15.68 ug/L	265398	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	94
2	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	93
3	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	91
4	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	90
5	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	62





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Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

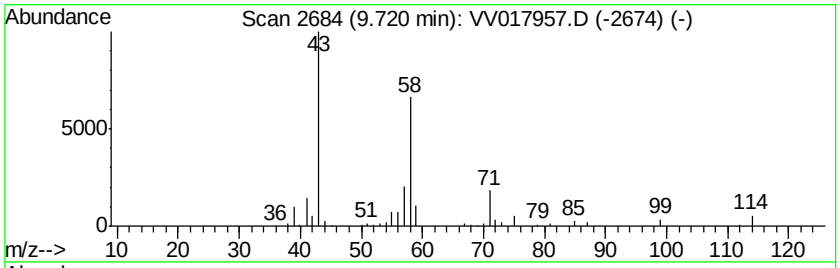
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

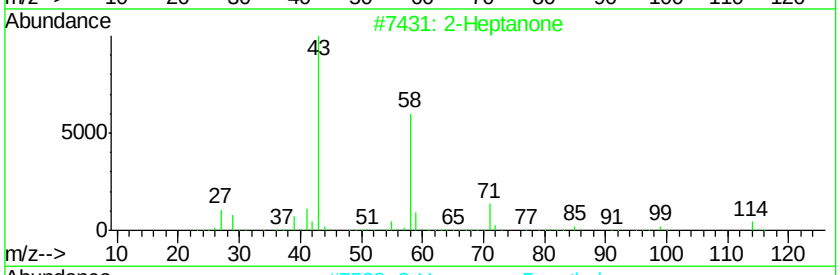
****

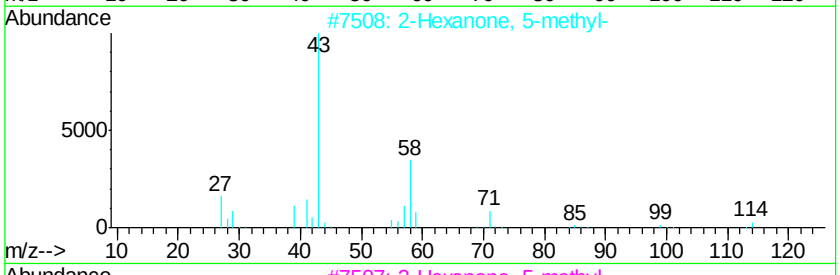
Peak Number 21 2-Heptanone Concentration Rank 24

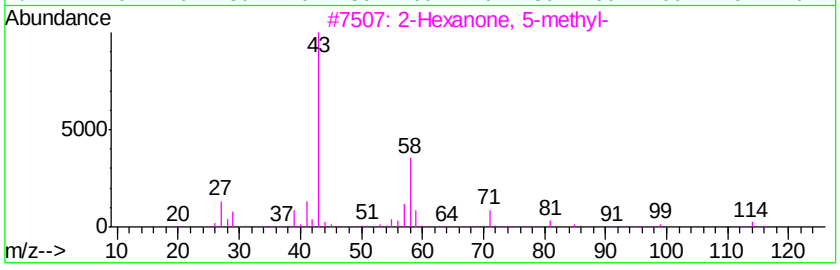
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	4.54 ug/L	76820	Chlorobenzene-d5	8.87

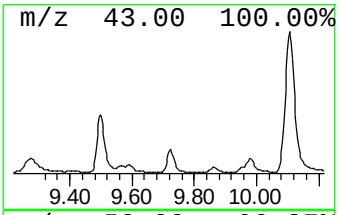
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	90
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	87
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	87
4	2-Heptanone	114	C7H14O	000110-43-0	87
5	2-Heptanone	114	C7H14O	000110-43-0	86

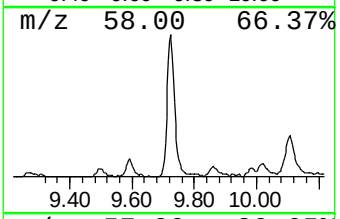


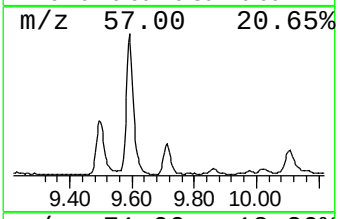


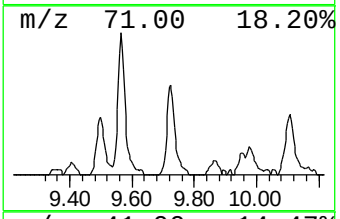


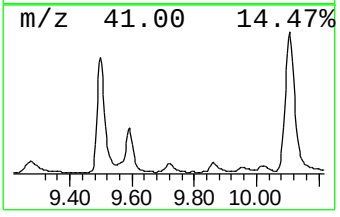












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

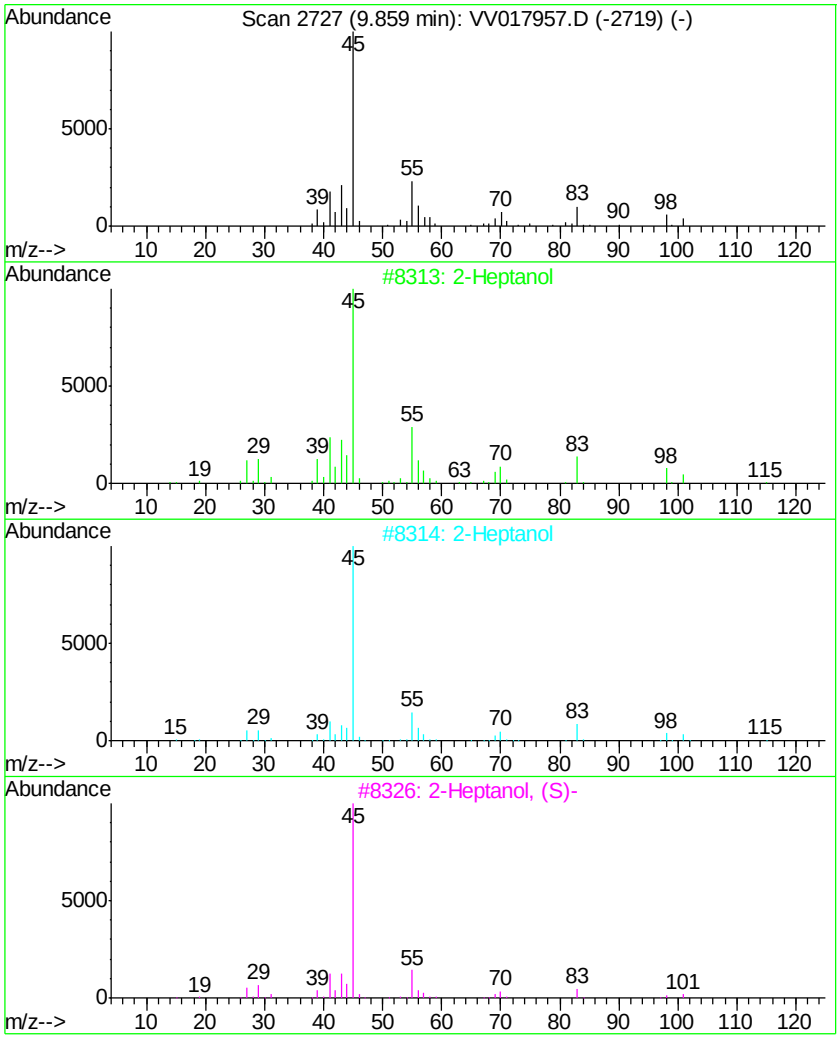
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

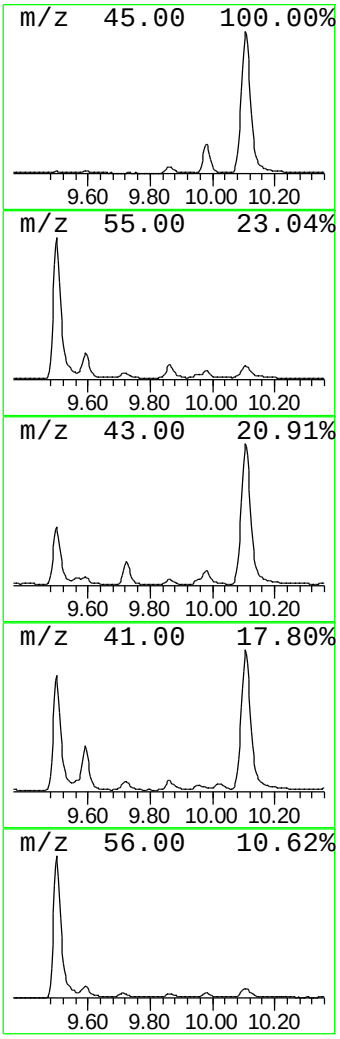
****

Peak Number 22 2-Heptanol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	3.85 ug/L	65083	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol	116	C7H16O	000543-49-7	90
2	2-Heptanol	116	C7H16O	000543-49-7	83
3	2-Heptanol, (S)-	116	C7H16O	006033-23-4	74
4	2-Heptanol	116	C7H16O	000543-49-7	74
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

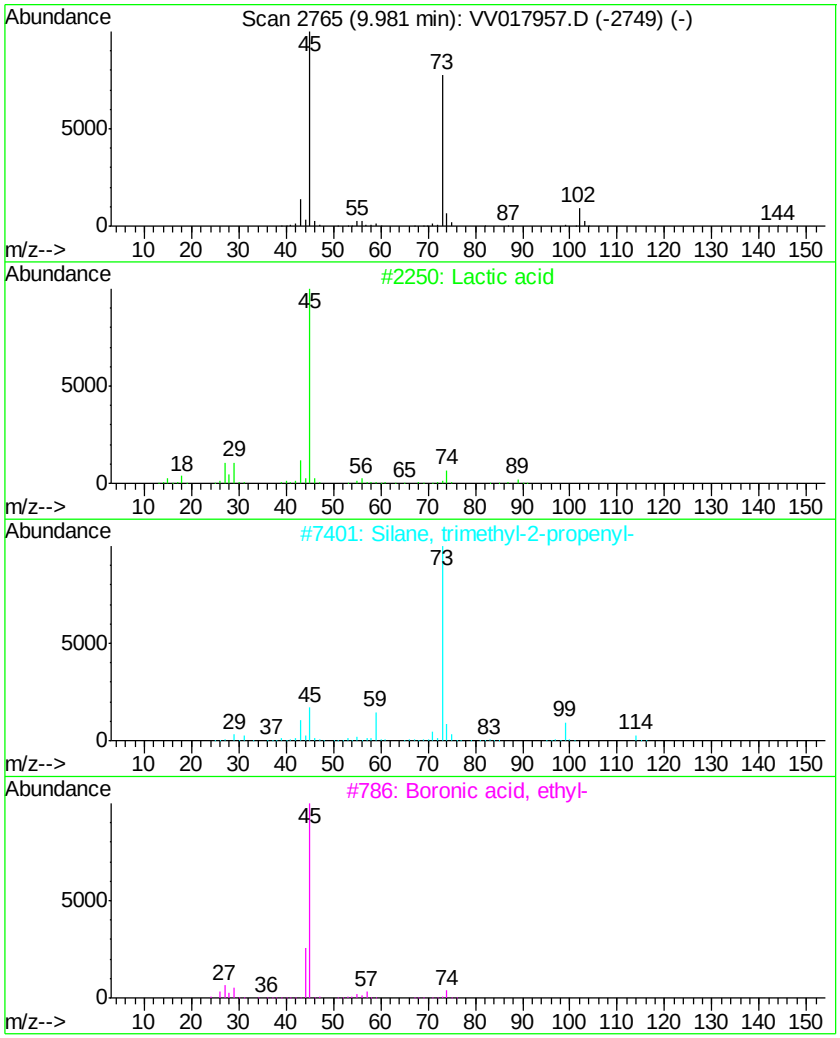
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

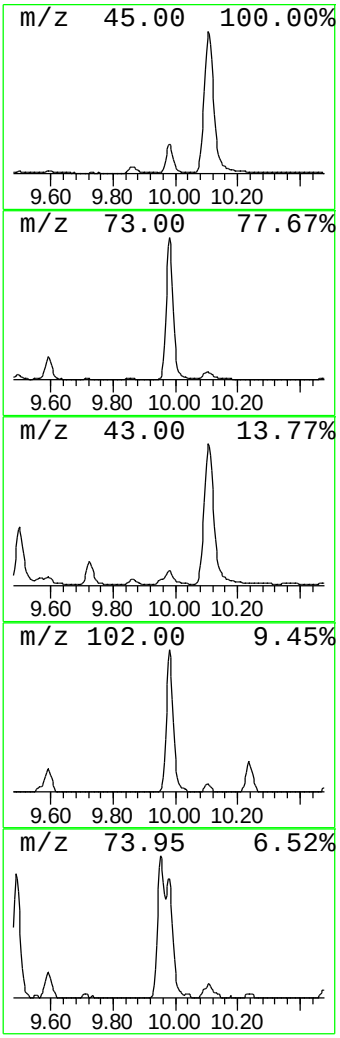
****

Peak Number 23 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	15.19 ug/L	257062	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lactic acid	90	C3H6O3	000050-21-5	42
2	Silane, trimethyl-2-propenyl-	114	C6H14Si	000762-72-1	39
3	Boronic acid, ethyl-	74	C2H7BO2	004433-63-0	9
4	Silane, diethylmethyl-	102	C5H14Si	000760-32-7	9
5	2-Butanol, (R)-	74	C4H10O	014898-79-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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

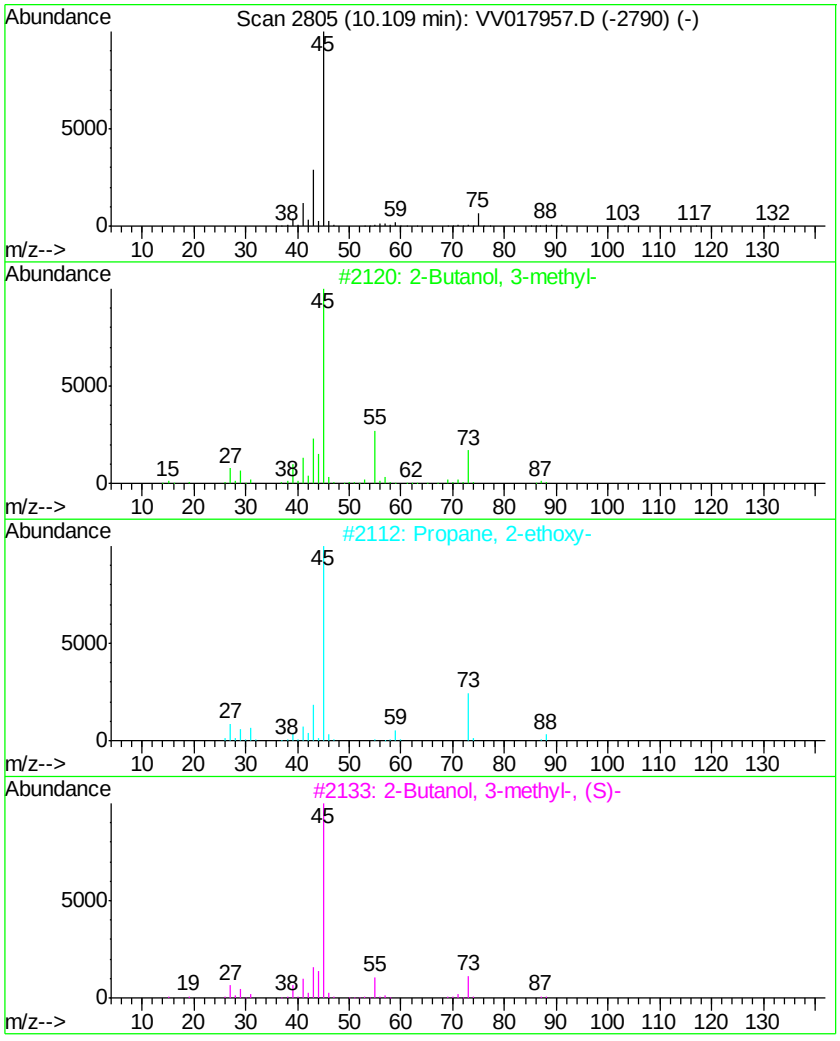
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

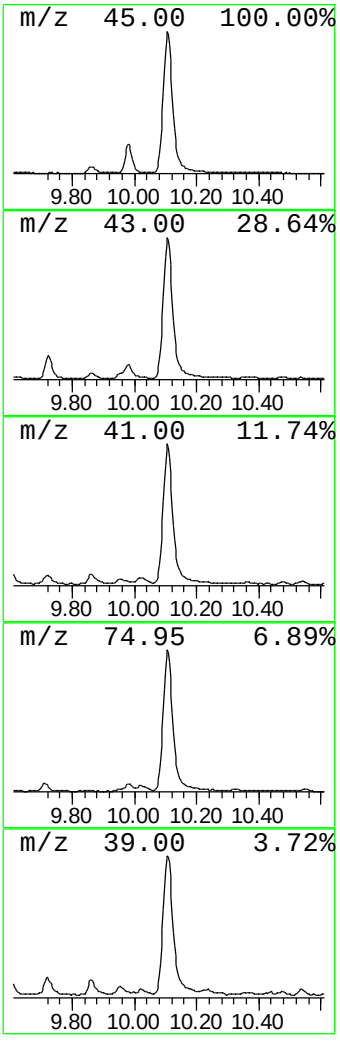
****

Peak Number 24 2-Butanol, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	82.50 ug/L	1153260	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	50
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	50
3	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	50
4	L-Lactic acid	90	C3H6O3	000079-33-4	50
5	Hydrazine, propyl-	74	C3H10N2	005039-61-2	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

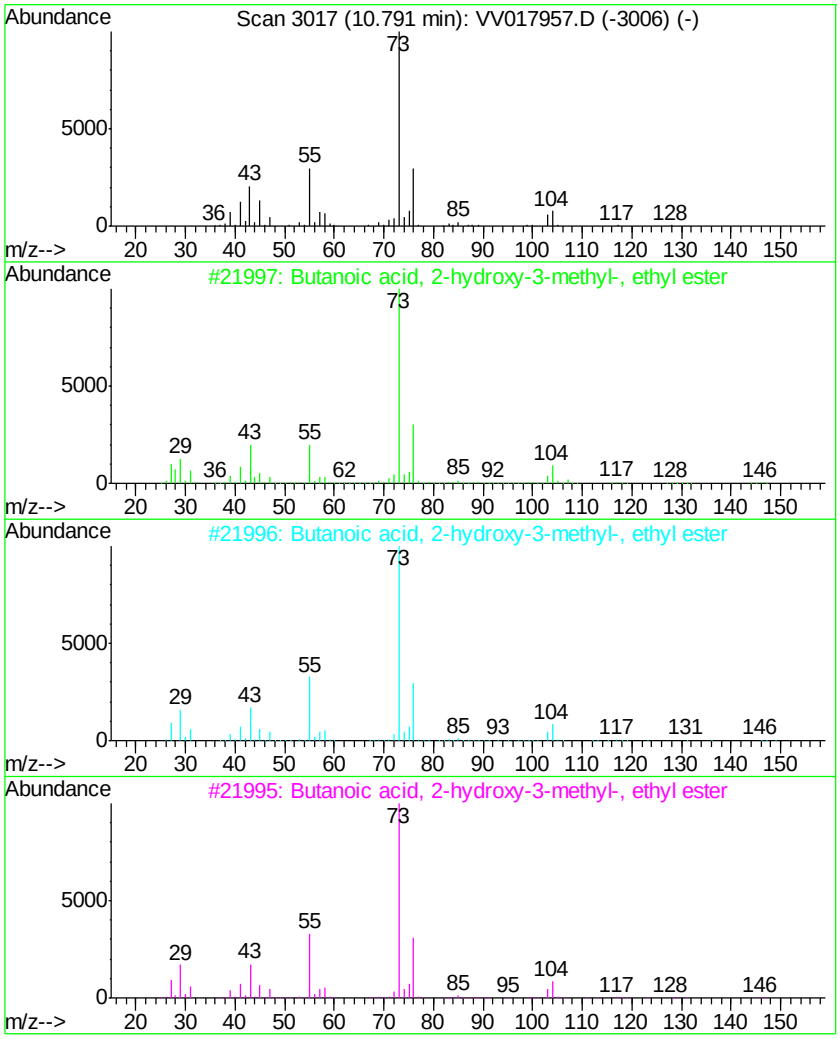
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

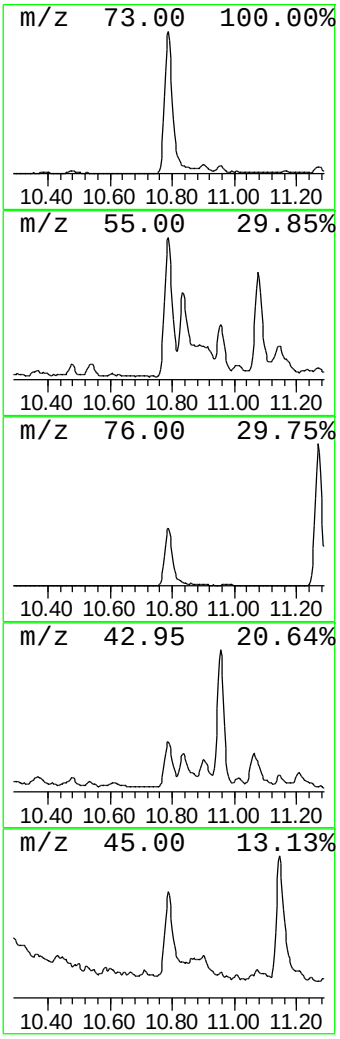
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Butanoic acid, 2-hydroxy-3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	10.18 ug/L	142240	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	78
2	Butanoic acid, 2-hydroxy-3-methy...	146	C7H14O3	002441-06-7	78
3	Butanoic acid, 2-hydroxy-3-methy...	146	C7H14O3	002441-06-7	78
4	Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	38
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	32





Library Search Compound Report

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Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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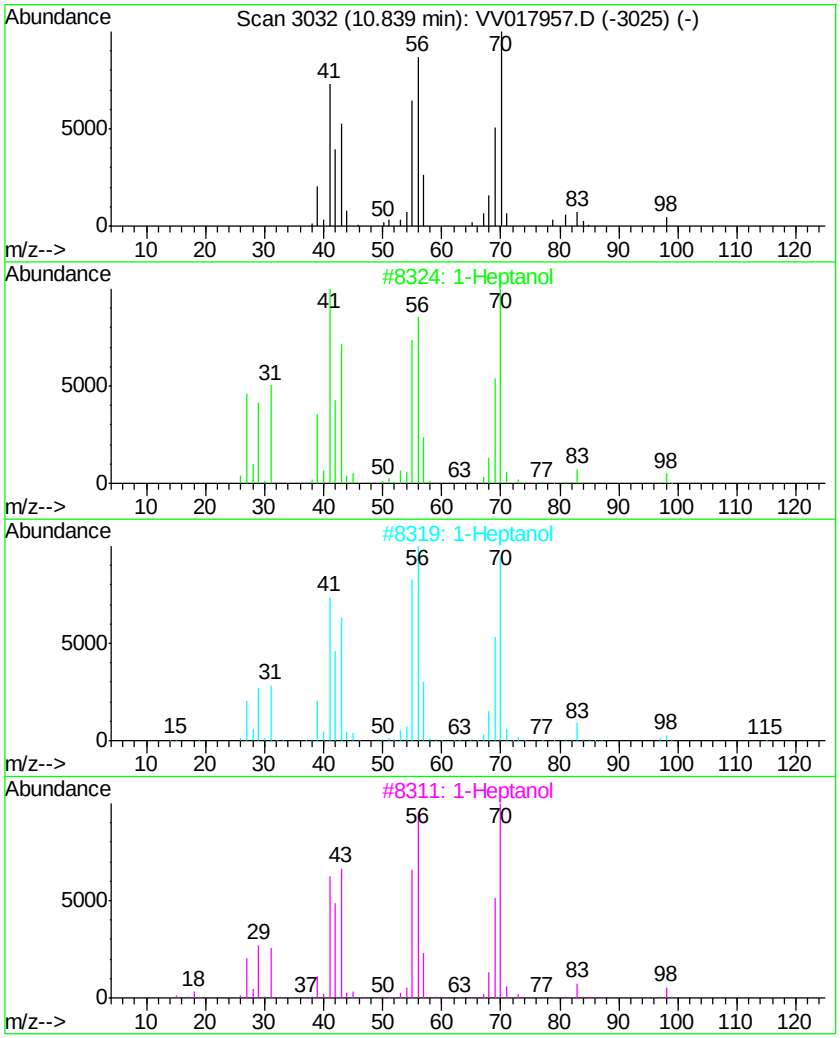
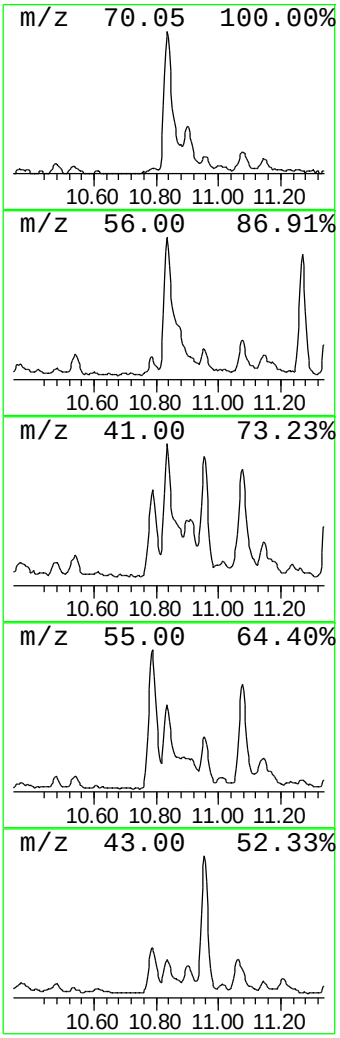
Peak Number 26 1-Heptanol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	3.36 ug/L	46939	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol	116	C7H16O	000111-70-6	90
2	1-Heptanol	116	C7H16O	000111-70-6	90
3	1-Heptanol	116	C7H16O	000111-70-6	86
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	78
5	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	74





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Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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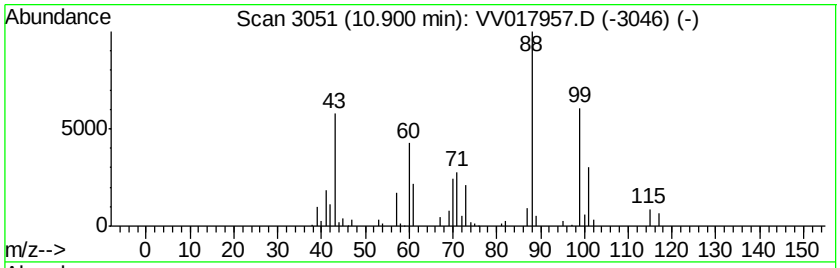
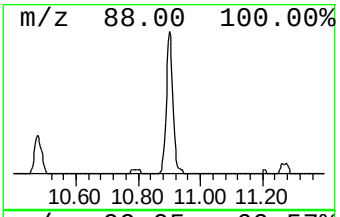
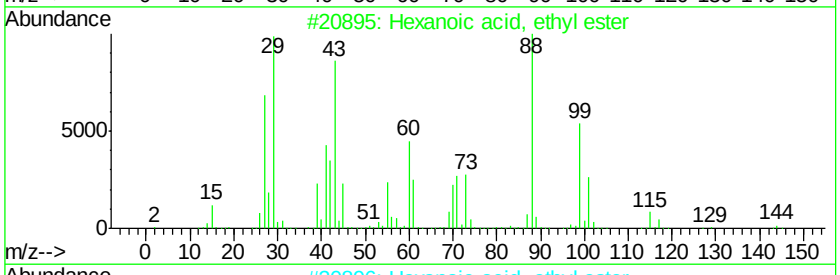
Peak Number 27 Hexanoic acid, ethyl ester Concentration Rank 30

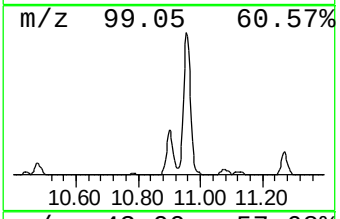
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.72 ug/L	38039	1,4-Dichlorobenzene-d4	11.27

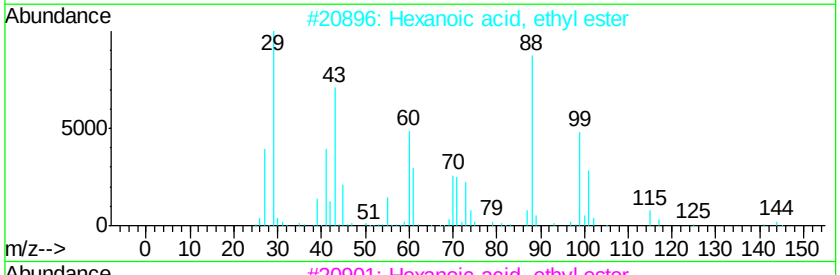
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	83
2	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	64
3	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	59
4	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	50
5	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	50

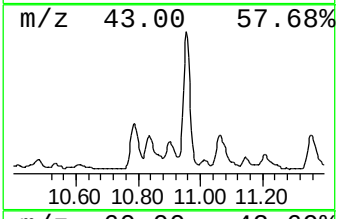


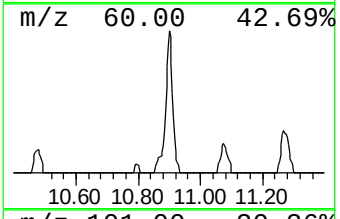


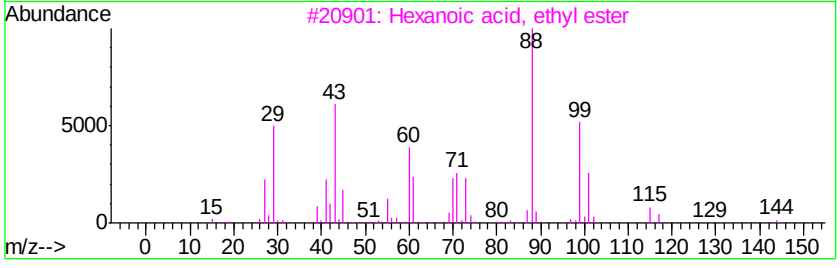


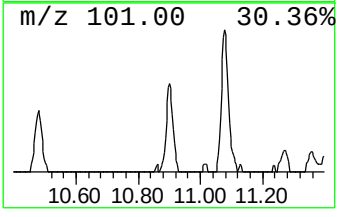












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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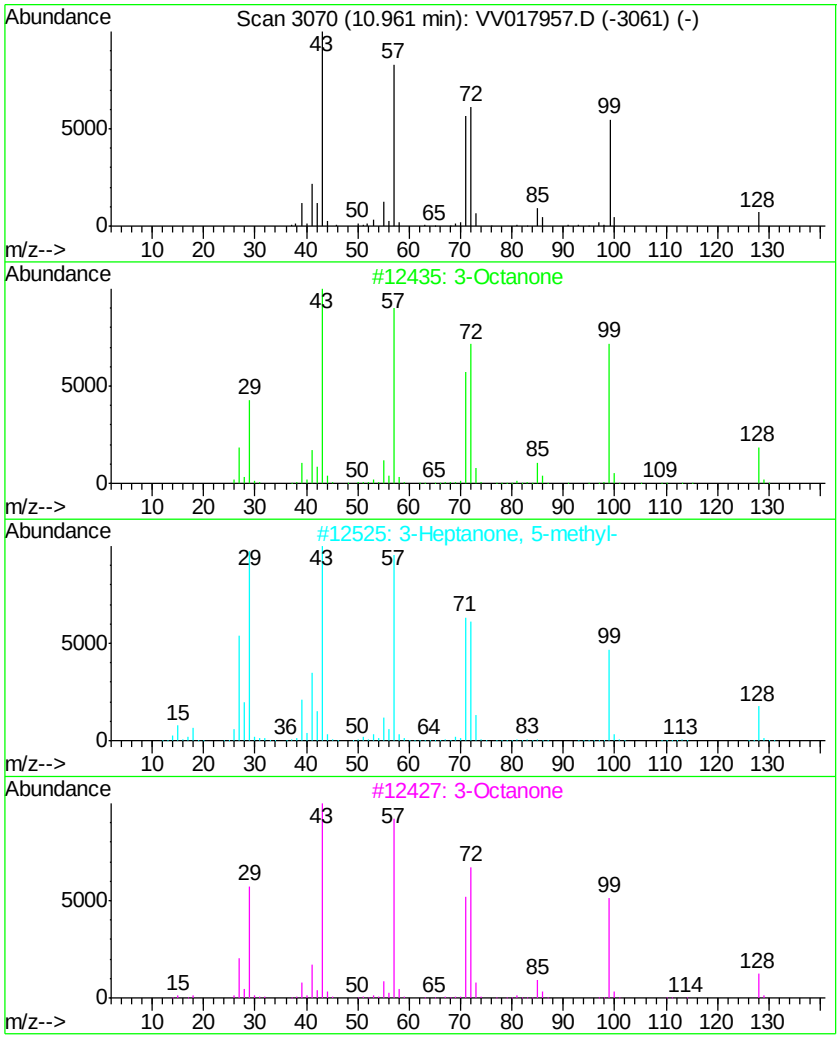
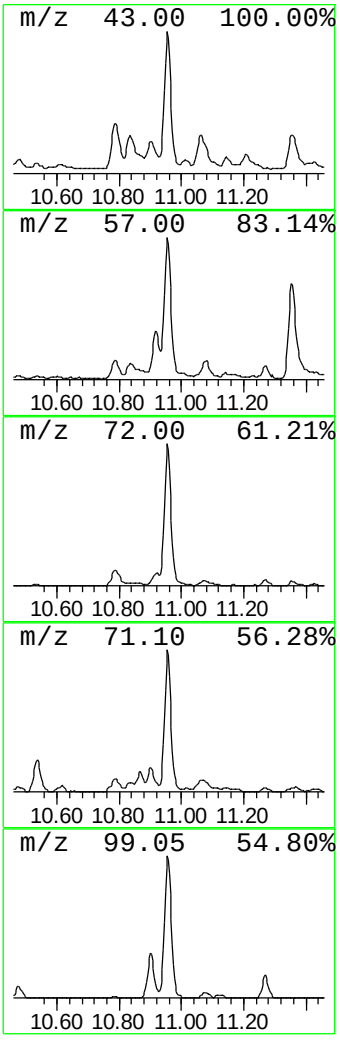
Peak Number 28 3-Octanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	8.99 ug/L	125698	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	94
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	56
3	3-Octanone	128	C8H16O	000106-68-3	53
4	3-Octanone	128	C8H16O	000106-68-3	50
5	Ethanone, 1-(3,3-dimethyloxiranyl)-	114	C6H10O2	004478-63-1	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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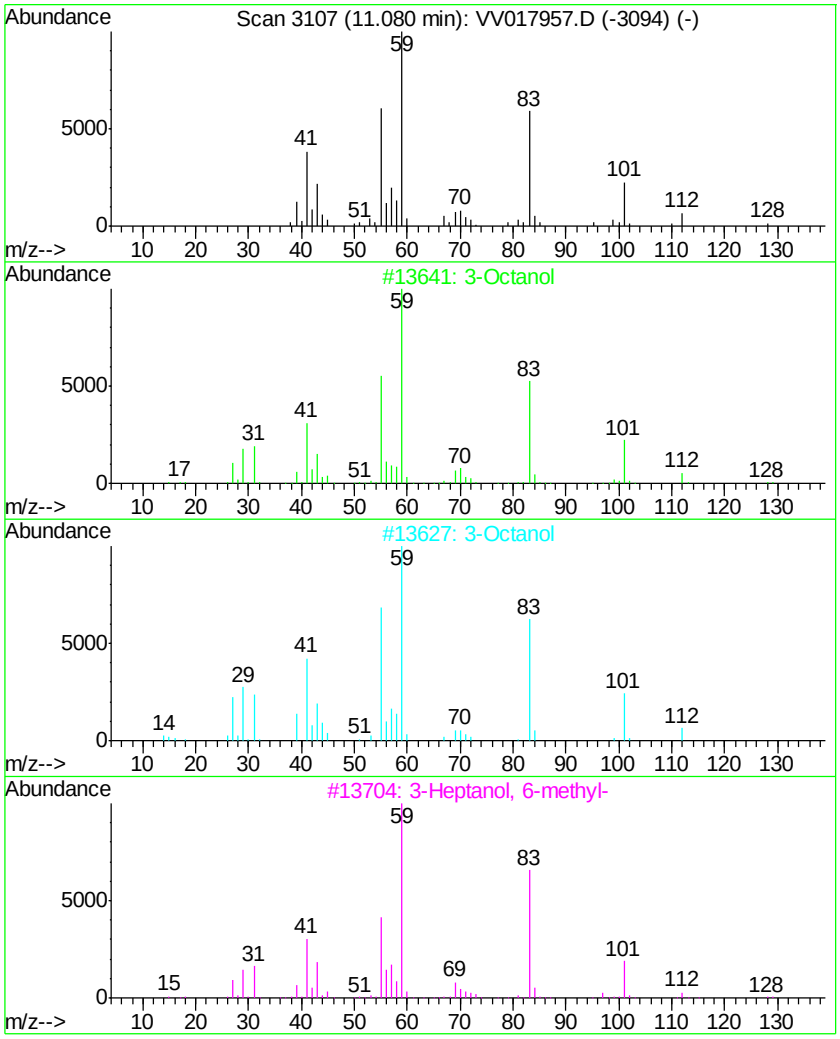
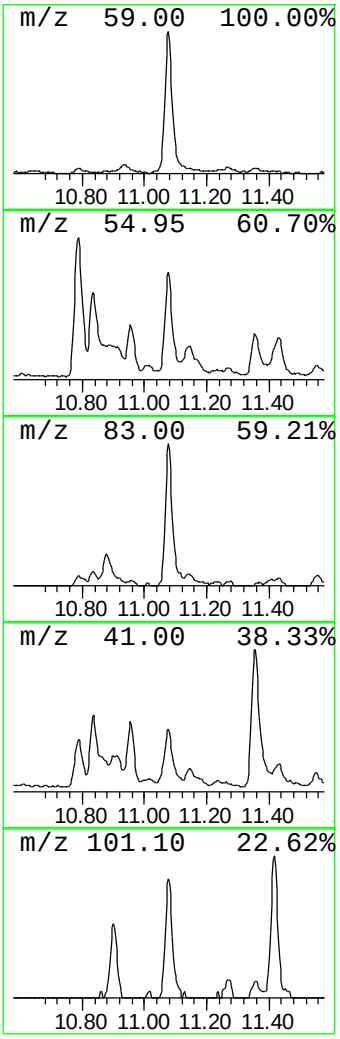
Peak Number 29 3-Octanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	6.20 ug/L	86714	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	83
3	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	78
4	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	72
5	5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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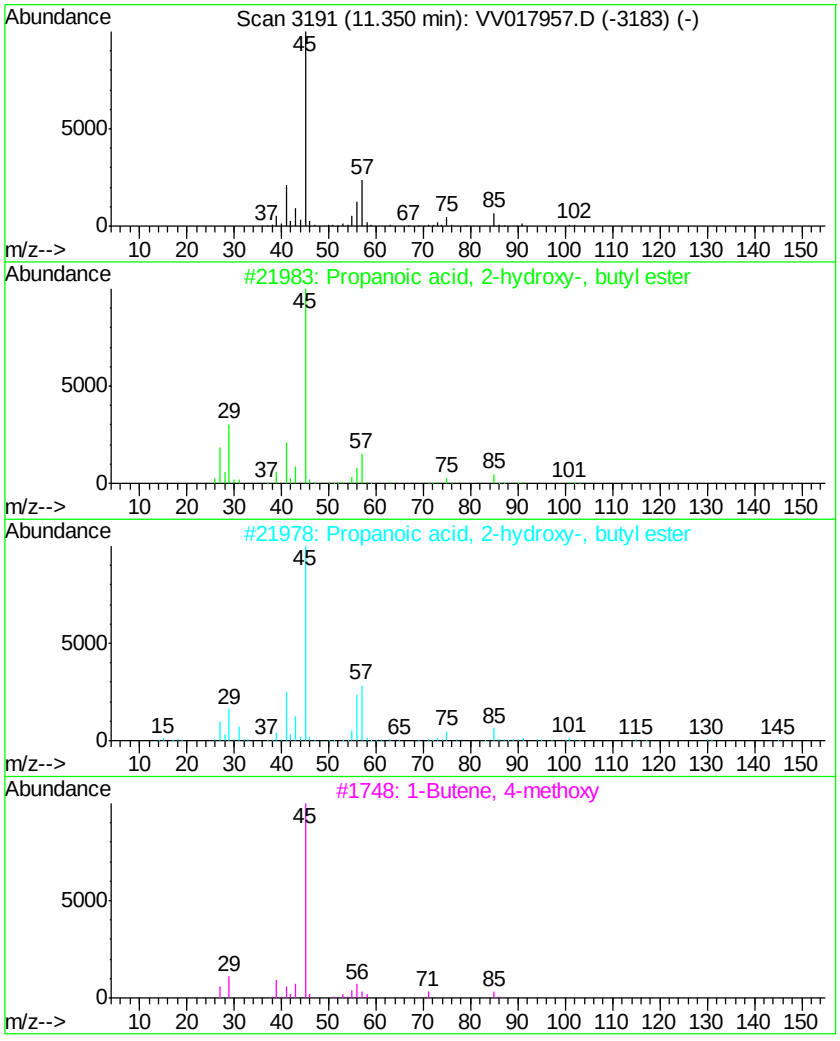
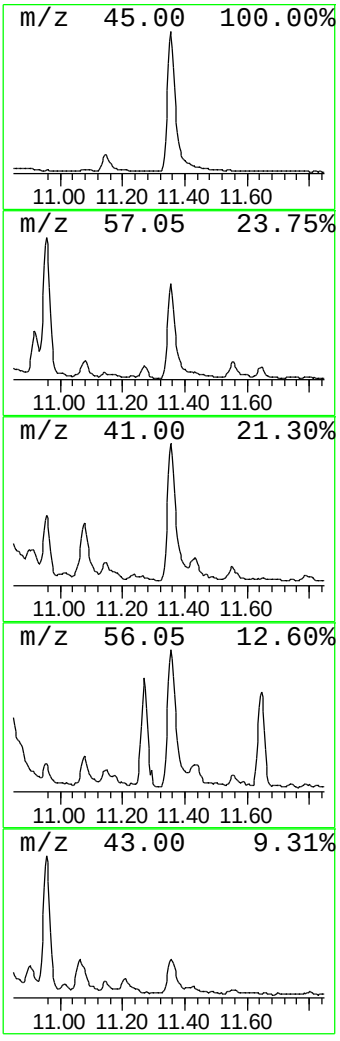
Peak Number 30 Propanoic acid, 2-hydroxy-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	13.02 ug/L	182075	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-, butv...	146	C7H14O3	000138-22-7	78
2	Propanoic acid, 2-hydroxy-, butv...	146	C7H14O3	000138-22-7	64
3	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	64
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	56
5	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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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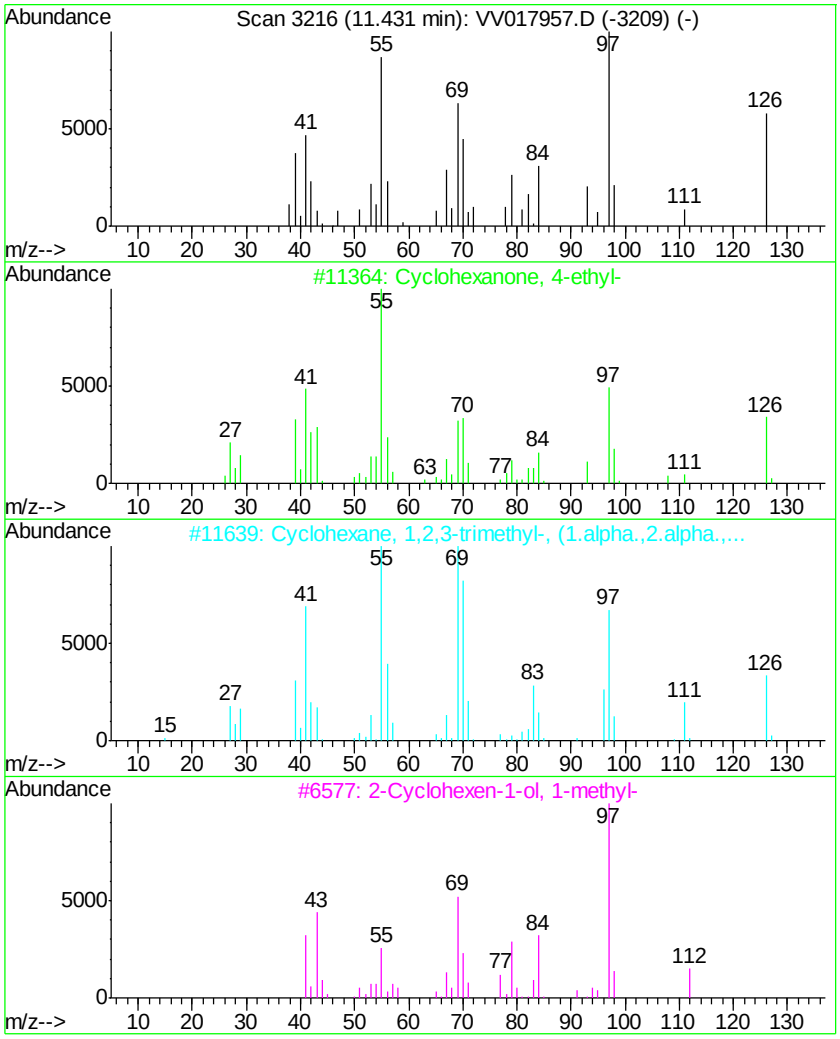
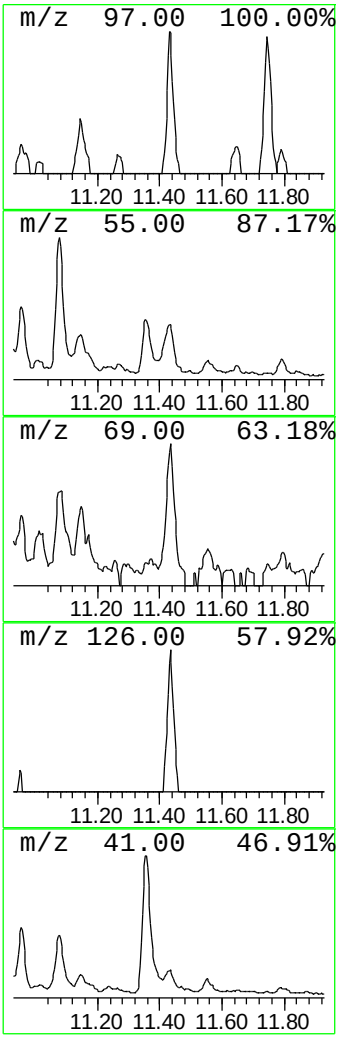
Peak Number 31 Cyclohexanone, 4-ethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	2.89 ug/L	40410	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	72
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	43
3	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	37
4	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	37
5	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L98

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
Methanethiol	1.48	75.0	ug/L	890866	1	5.64	593647	50.0
(DEL) Alkane: Str...	1.82	2.7	ug/L	31827	1	5.64	593647	50.0
2-Propanethiol	2.68	11.3	ug/L	134381	1	5.64	593647	50.0
1-Propanol	3.52	296.6	ug/L	3521010	1	5.64	593647	50.0
Ethyl Acetate	4.09	40.5	ug/L	481426	1	5.64	593647	50.0
Methyl propionate	4.52	39.6	ug/L	469761	1	5.64	593647	50.0
Thiophene	5.39	5.2	ug/L	62270	1	5.64	593647	50.0
2-Butanone, 3-met...	5.55	4.5	ug/L	53503	1	5.64	593647	50.0
1-Butanol	6.01	313.4	ug/L	3720870	1	5.64	593647	50.0
Propanoic acid, e...	6.38	45.2	ug/L	537167	1	5.64	593647	50.0
Ethane, 1,1-dieth...	6.56	2.5	ug/L	30010	1	5.64	593647	50.0
Butanoic acid, me...	6.63	17.9	ug/L	212279	1	5.64	593647	50.0
2-Pentanol, 4-met...	7.72	4.7	ug/L	78704	2	8.87	846300	50.0
Butanoic acid, et...	8.05	19.4	ug/L	327541	2	8.87	846300	50.0
Methyl valerate	8.47	5.3	ug/L	89588	2	8.87	846300	50.0
Propanoic acid, 2...	8.74	1426.5	ug/L	24144800	2	8.87	846300	50.0
Thiophene, 2-ethyl-	9.13	3.4	ug/L	57840	2	8.87	846300	50.0
(S)-Isopropyl lac...	9.27	5.5	ug/L	92372	2	8.87	846300	50.0
1-Hexanol	9.50	27.8	ug/L	470476	2	8.87	846300	50.0
Pentanoic acid, e...	9.59	15.7	ug/L	265398	2	8.87	846300	50.0
2-Heptanone	9.72	4.5	ug/L	76820	2	8.87	846300	50.0
2-Heptanol	9.86	3.9	ug/L	65083	2	8.87	846300	50.0
unknown-01	9.98	15.2	ug/L	257062	2	8.87	846300	50.0
2-Butanol, 3-methyl-	10.11	82.5	ug/L	1153260	3	11.27	698970	50.0
Butanoic acid, 2-...	10.79	10.2	ug/L	142240	3	11.27	698970	50.0
1-Heptanol	10.84	3.4	ug/L	46939	3	11.27	698970	50.0
Hexanoic acid, et...	10.90	2.7	ug/L	38039	3	11.27	698970	50.0
3-Octanone	10.96	9.0	ug/L	125698	3	11.27	698970	50.0
3-Octanol	11.08	6.2	ug/L	86714	3	11.27	698970	50.0
Propanoic acid, 2...	11.35	13.0	ug/L	182075	3	11.27	698970	50.0
Cyclohexanone, 4-...	11.43	2.9	ug/L	40410	3	11.27	698970	50.0