LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017146.D
Acq On : 25 Jun 2020 23:35
Operator : SY/MD
Sample : L3106-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.113	3	7	22	rVB	140817	136947	15.54%	1.598%
2	1.319	64	71	89	rVB2	504065	536579	60.89%	6.263%
3	1.579	143	152	165	rBV	64161	76327	8.66%	0.891%
4	2.126	312	322	337	rBV2	137633	206603	23.45%	2.411%
5	2.778	514	525	540	rVB2	28159	53024	6.02%	0.619%
6	3.212	643	660	681	rVB	424778	881201	100.00%	10.285%
7	3.785	823	838	854	rBV3	33566	88262	10.02%	1.030%
8	3.939	869	886	910	rBV3	307150	829025	94.08%	9.676%
9	4.103	923	937	970	rVB2	269145	739016	83.86%	8.626%
10	4.380	1005	1023	1052	rBV4	113511	341385	38.74%	3.985%
11	4.701	1111	1123	1140	rVB6	12810	34876	3.96%	0.407%
12	5.071	1222	1238	1252	rBV4	234974	586000	66.50%	6.840%
13	5.158	1257	1265	1282	rVB	116296	262175	29.75%	3.060%
14	5.643	1398	1416	1434	rBV	203856	429170	48.70%	5.009%
15	5.939	1494	1508	1528	rBV3	58824	123367	14.00%	1.440%
16	6.097	1543	1557	1574	rBV	129221	266174	30.21%	3.107%
17	7.010	1830	1841	1856	rBV	65003	118068	13.40%	1.378%
18	7.338	1930	1943	1959	rBV	267982	465011	52.77%	5.428%
19	7.643	2028	2038	2050	rBV2	39362	69548	7.89%	0.812%
20	7.862	2094	2106	2120	rBV	73405	128919	14.63%	1.505%
21	8.109	2173	2183	2201	rBV	260532	454862	51.62%	5.309%
22	8.325	2242	2250	2258	rBV2	23394	36321	4.12%	0.424%
23	8.743	2369	2380	2387	rBV4	9089	15775	1.79%	0.184%
24	8.875	2408	2421	2444	rBV	316501	579979	65.82%	6.769%
25	10.035	2771	2782	2787	rBV6	6274	9323	1.06%	0.109%
26	10.238	2831	2845	2858	rBV	87777	141093	16.01%	1.647%
27	11.270	3154	3166	3188	rBV	289900	463830	52.64%	5.414%
28	11.556	3248	3255	3264	rBV10	6644	10501	1.19%	0.123%
29	11.646	3271	3283	3301	rBV	273426	435020	49.37%	5.078%
30	16.736	4856	4866	4874	rBV2	32437	49157	5.58%	0.574%

Sum of corrected areas: 8567538

LSC Report - Integrated Chromatogram

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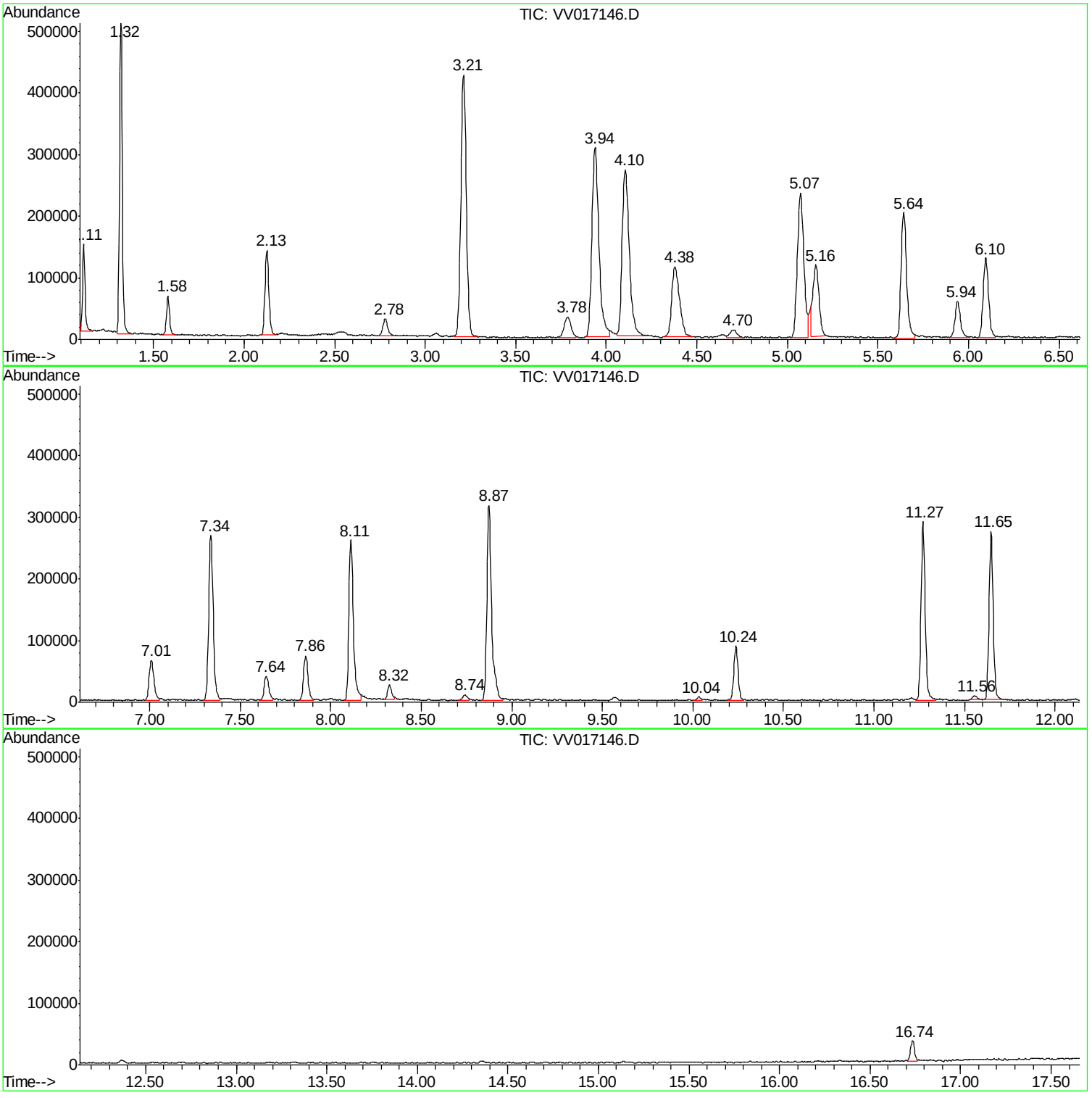
Operator : SY/MD
Sample : L3106-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017146.D
Acq On : 25 Jun 2020 23:35
Operator : SY/MD
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Instrument : MSVOA_V
ClientSampleId : BFXN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

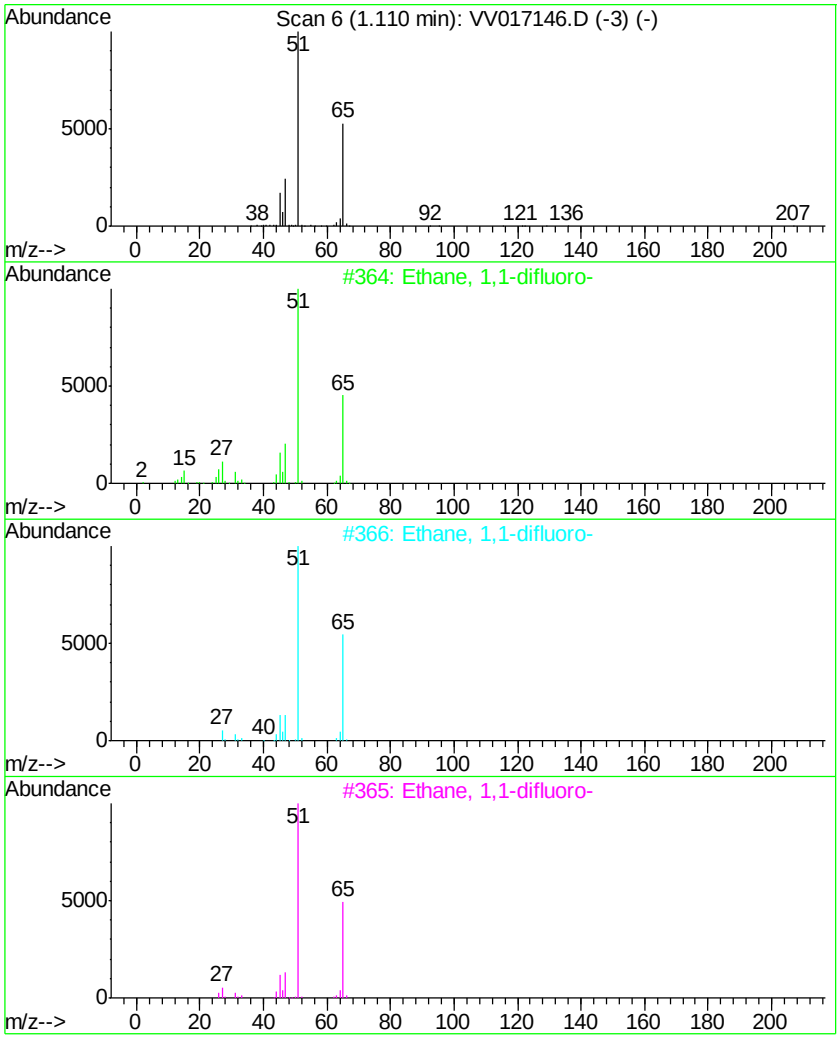
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

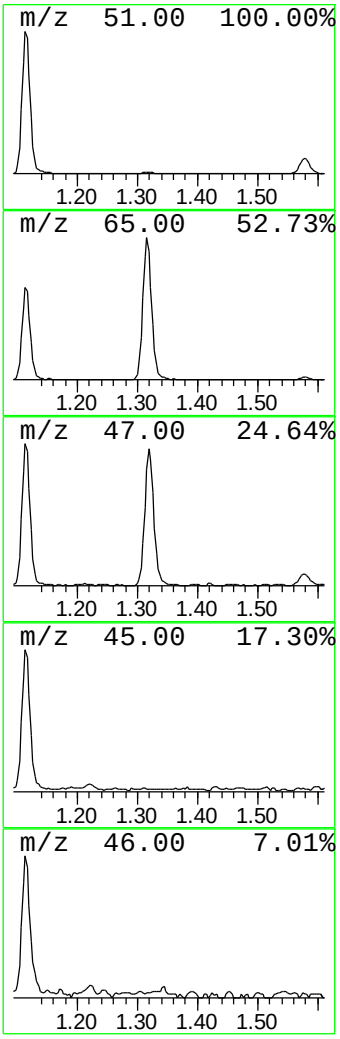
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.60 ug/L	136947	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

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Data File : VV017146.D
Acq On : 25 Jun 2020 23:35
Operator : SY/MD
Sample : L3106-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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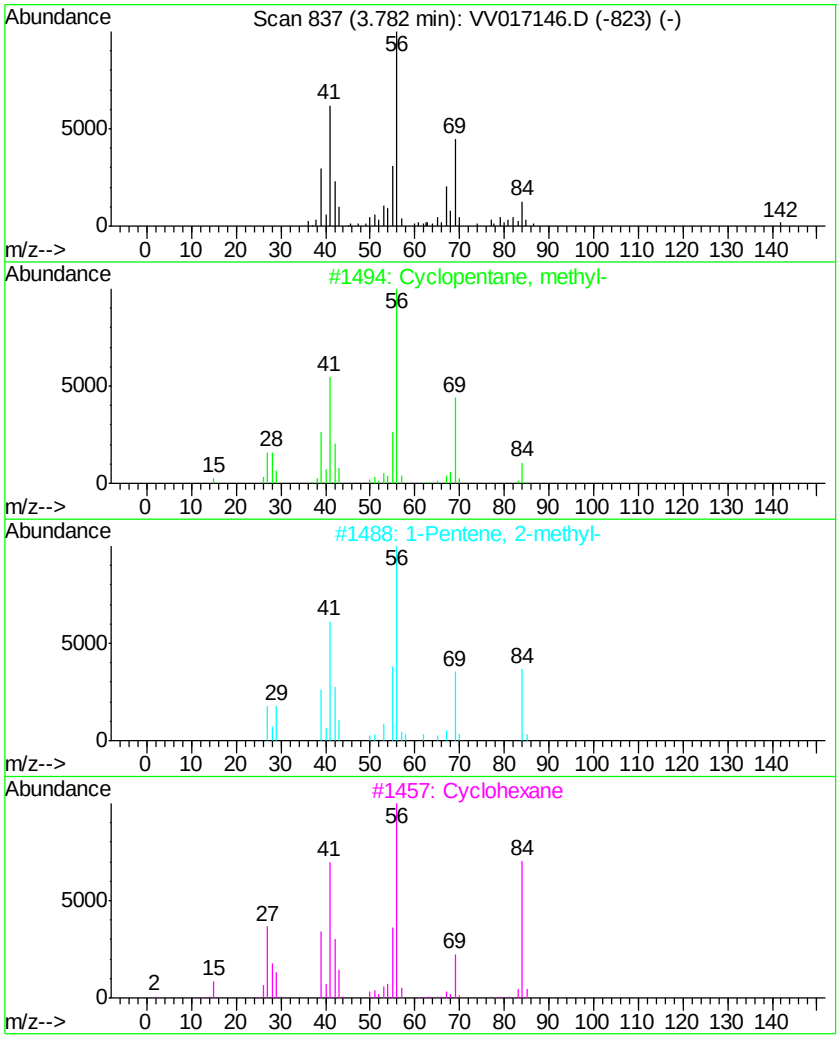
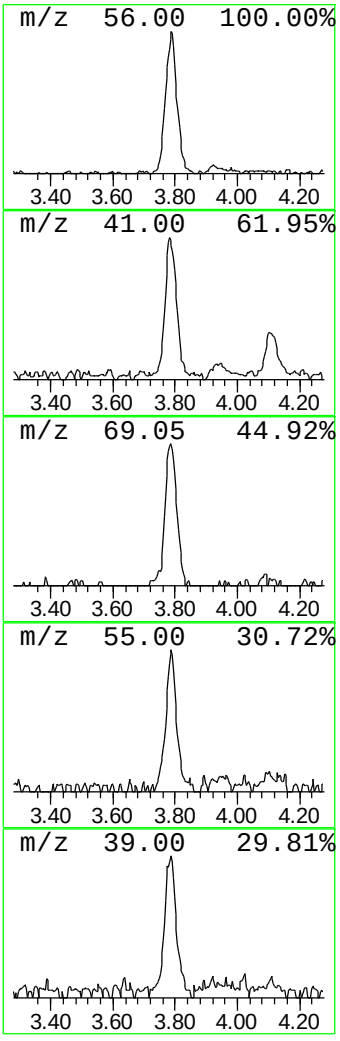
Peak Number 2 (DEL) Alkane: Cyclic3.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	1.03 ug/L	88262	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	74
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclohexane	84	C6H12	000110-82-7	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclohexane	84	C6H12	000110-82-7	59





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Instrument : MSVOA_V
ClientSampleId : BFXN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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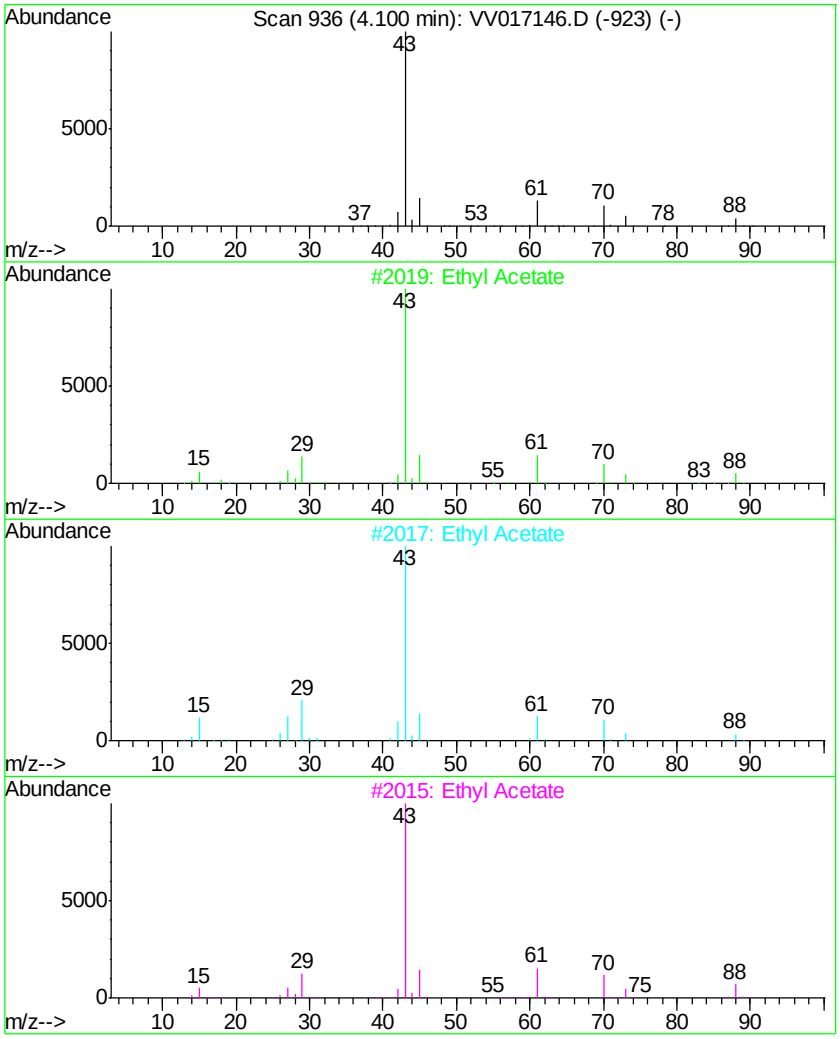
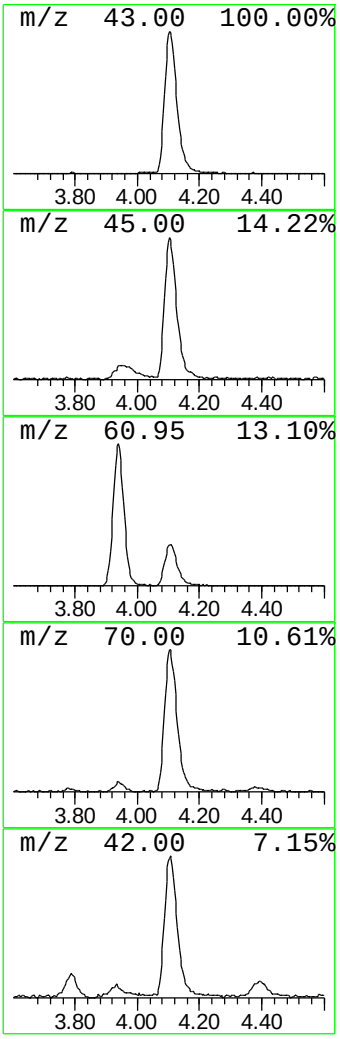
Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	8.61 ug/L	739016	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	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





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Instrument : MSVOA_V
ClientSampleId : BFXN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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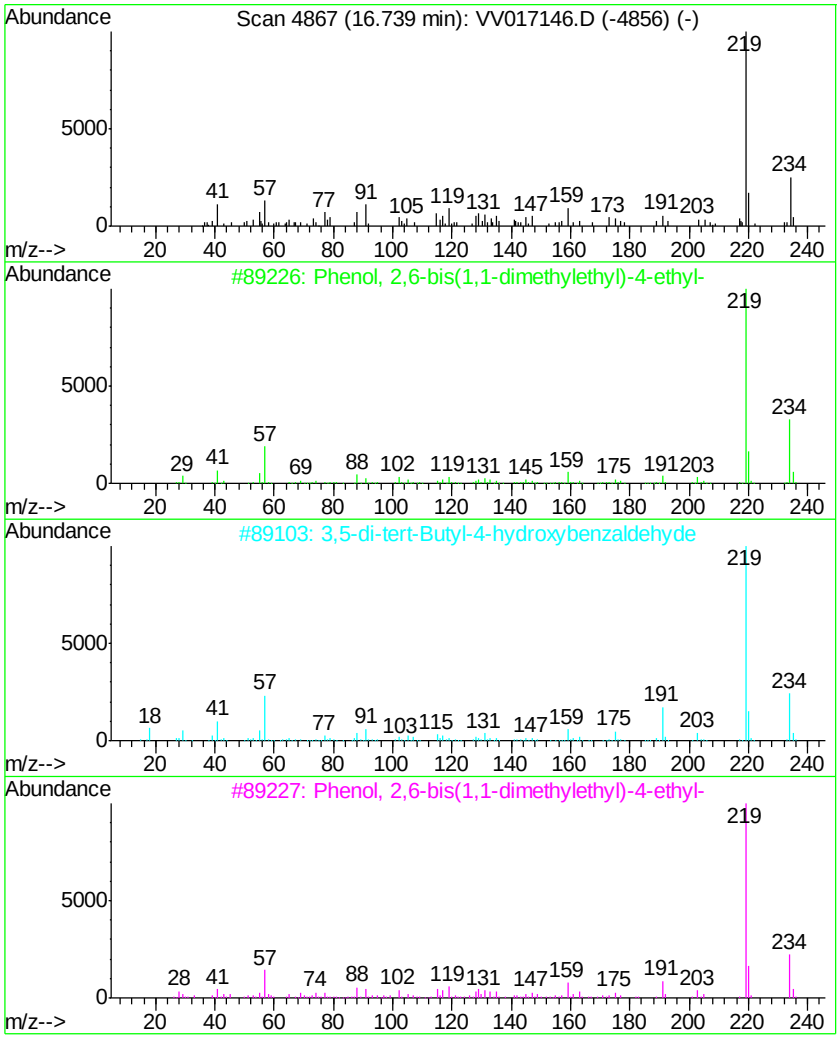
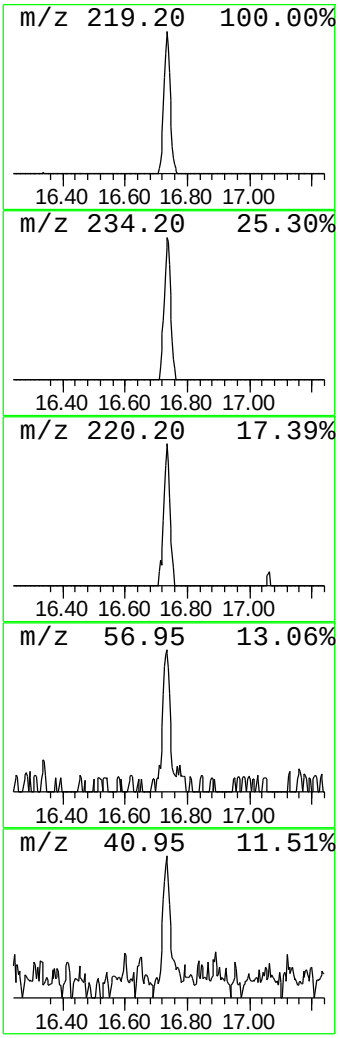
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	0.53 ug/L	49157	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	95
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.11	1.6	ug/L	136947	1	5.64	429170	5.0
(DEL) Alkane: Cyc...	3.78	1.0	ug/L	88262	1	5.64	429170	5.0
Ethyl Acetate	4.10	8.6	ug/L	739016	1	5.64	429170	5.0
Phenol, 2,6-bis(1...	16.74	0.5	ug/L	49157	3	11.27	463830	5.0