LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017086.D
Acq On : 24 Jun 2020 21:05
Operator : SY/MD
Sample : L3105-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL3

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	190444	180017	7.48%	1.830%
2	1.319	63	71	83	rVB2	114636	129707	5.39%	1.318%
3	1.579	145	152	167	rVB	55880	64246	2.67%	0.653%
4	2.129	310	323	338	rBV3	152177	264337	10.99%	2.687%
5	2.782	515	526	540	rBV2	37966	68705	2.86%	0.698%
6	3.212	641	660	681	rVB	416943	869501	36.14%	8.838%
7	3.791	824	840	854	rVB2	12808	31779	1.32%	0.323%
8	3.939	865	886	920	rBV2	953233	2406222	100.00%	24.459%
9	4.103	924	937	958	rVV	157769	399887	16.62%	4.065%
10	4.380	1005	1023	1048	rBV2	108806	328346	13.65%	3.338%
11	4.637	1085	1103	1117	rBV	111736	286620	11.91%	2.913%
12	5.074	1222	1239	1256	rBV3	227448	564976	23.48%	5.743%
13	5.158	1257	1265	1281	rVB2	36657	81133	3.37%	0.825%
14	5.643	1403	1416	1432	rBV	192856	386407	16.06%	3.928%
15	5.939	1494	1508	1526	rBV2	214742	418921	17.41%	4.258%
16	6.097	1543	1557	1576	rBV	128237	257589	10.71%	2.618%
17	6.495	1673	1681	1691	rBV2	14870	25963	1.08%	0.264%
18	7.010	1828	1841	1858	rBV2	68138	124524	5.18%	1.266%
19	7.338	1931	1943	1959	rBV	273010	472586	19.64%	4.804%
20	7.643	2029	2038	2053	rBV	42889	73499	3.05%	0.747%
21	7.862	2095	2106	2126	rVB	129120	218072	9.06%	2.217%
22	8.109	2172	2183	2199	rBV	274123	468263	19.46%	4.760%
23	8.322	2240	2249	2261	rBV	41314	66282	2.75%	0.674%
24	8.875	2408	2421	2427	rBV	299659	523490	21.76%	5.321%
25	10.238	2833	2845	2858	rBV	94979	148565	6.17%	1.510%
26	11.270	3155	3166	3186	rVV	280476	445938	18.53%	4.533%
27	11.646	3268	3283	3301	rBV	278992	455894	18.95%	4.634%
28	16.736	4855	4866	4879	rBV	48389	76267	3.17%	0.775%

Sum of corrected areas: 9837736

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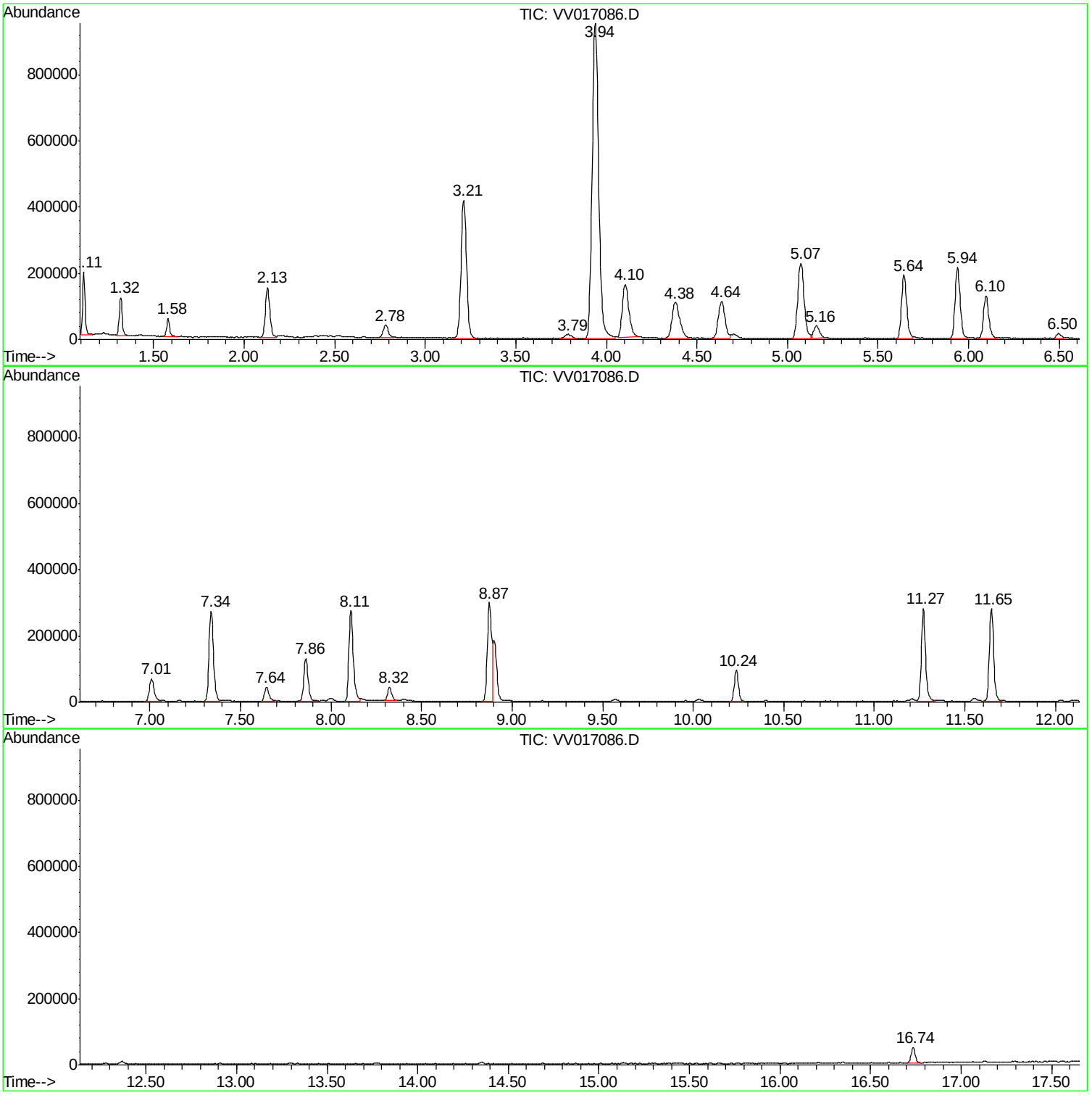
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL3

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\VV062420\
Data File : VV017086.D
Acq On : 24 Jun 2020 21:05
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL3

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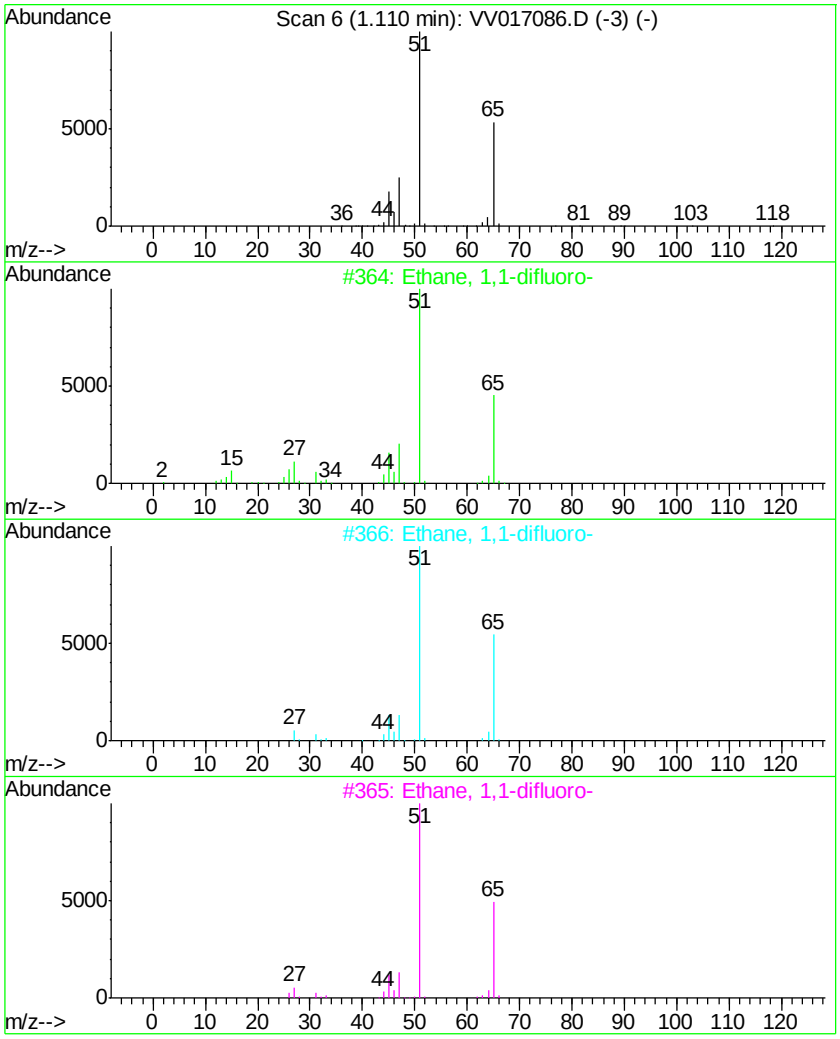
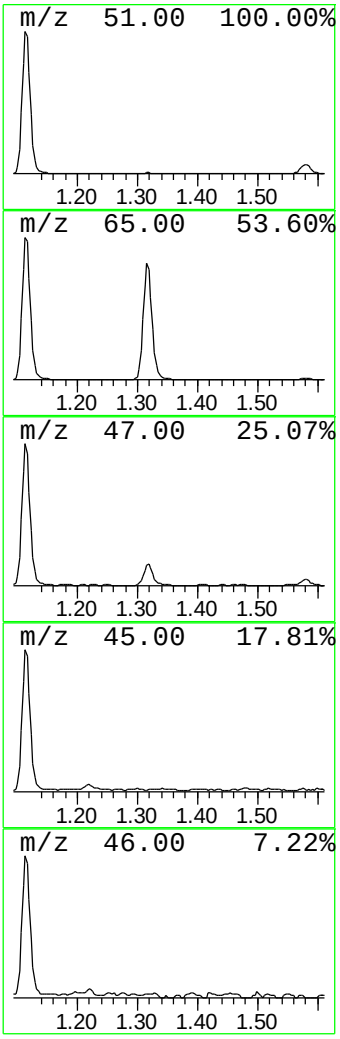
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	2.33 ug/L	180017	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





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Data File : VV017086.D
Acq On : 24 Jun 2020 21:05
Operator : SY/MD
Sample : L3105-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL3

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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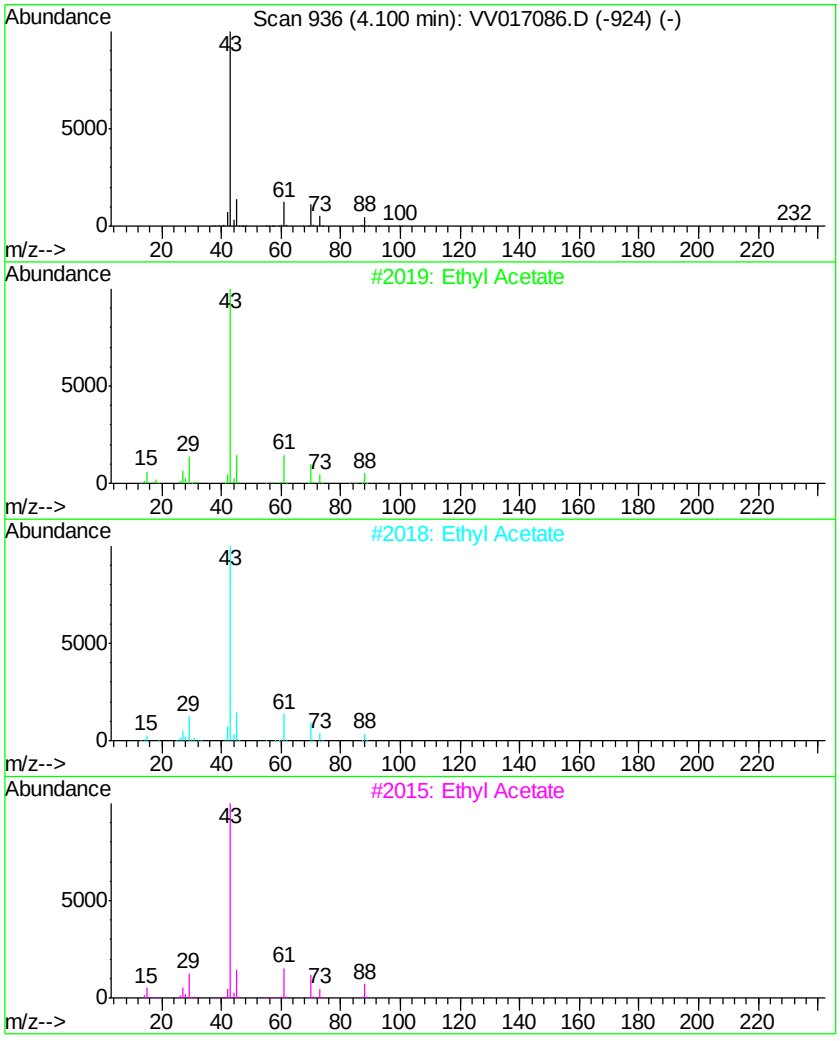
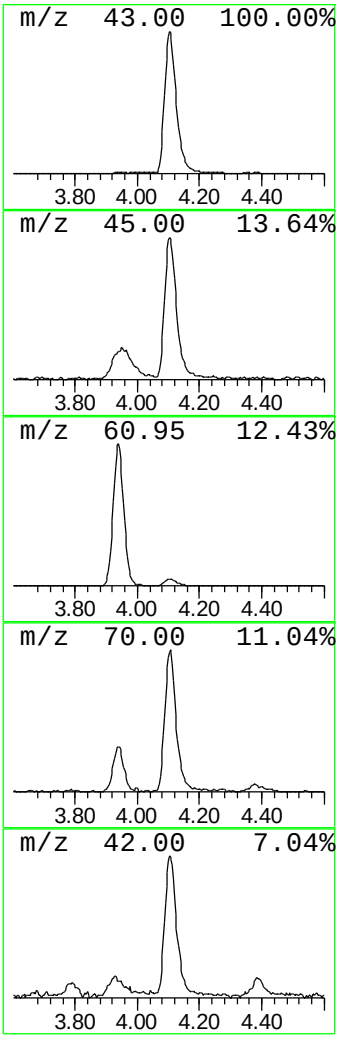
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	5.17 ug/L	399887	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	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
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Acq On : 24 Jun 2020 21:05
Operator : SY/MD
Sample : L3105-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL3

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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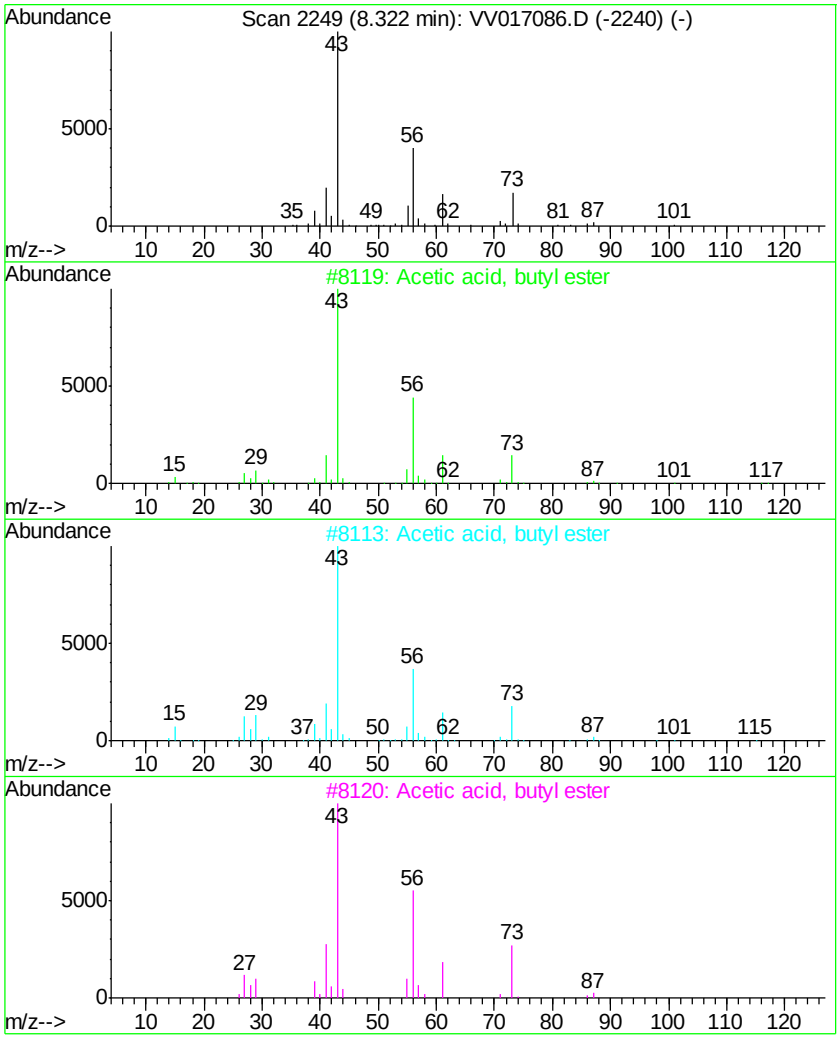
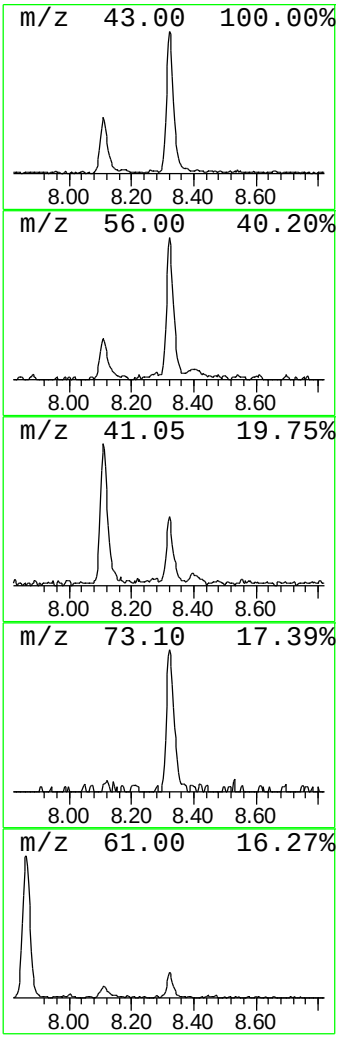
Peak Number 4 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.63 ug/L	66282	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	50
5	Isobutyl acetate	116	C6H12O2	000110-19-0	39





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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL3

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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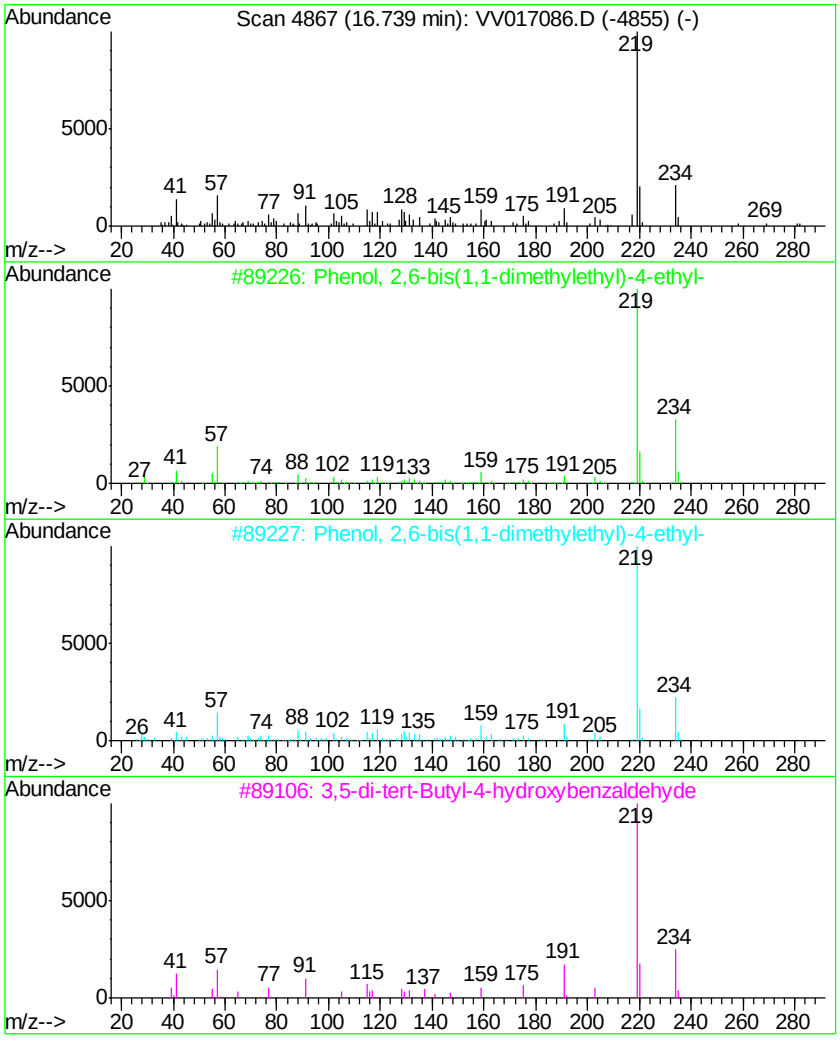
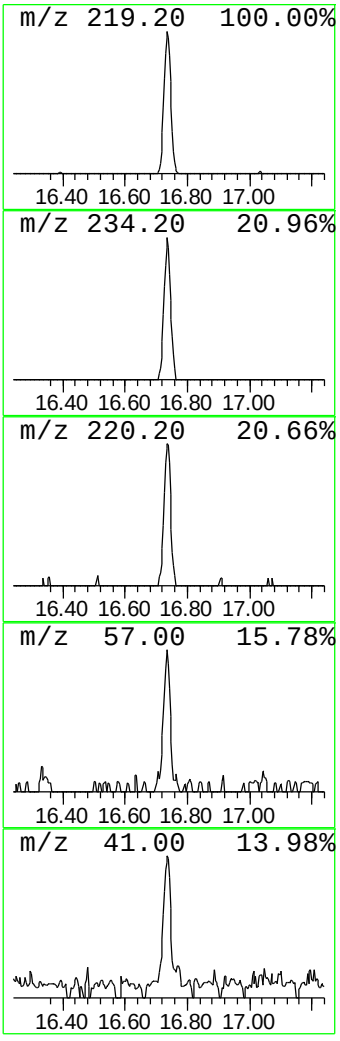
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	0.86 ug/L	76267	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	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	95
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.11	2.3	ug/L	180017	1	5.64	386407	5.0
Ethyl Acetate	4.10	5.2	ug/L	399887	1	5.64	386407	5.0
Acetic acid, buty...	8.32	0.6	ug/L	66282	2	8.87	523490	5.0
Phenol, 2,6-bis(1...	16.74	0.9	ug/L	76267	3	11.27	445938	5.0