LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017087.D
Acq On : 24 Jun 2020 21:29
Operator : SY/MD
Sample : L3105-11
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL4

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	19	rVB	152751	143233	25.45%	2.505%
2	1.315	62	70	80	rVB	71609	77678	13.80%	1.359%
3	1.579	144	152	164	rBV	57671	68002	12.08%	1.189%
4	2.126	312	322	334	rBV	112459	166179	29.53%	2.907%
5	2.203	341	346	362	rVB2	6291	12468	2.22%	0.218%
6	3.936	871	885	918	rBV3	65134	262562	46.65%	4.592%
7	4.106	924	938	966	rVB	152833	403530	71.70%	7.058%
8	4.383	1008	1024	1049	rVB3	122016	402551	71.53%	7.041%
9	4.695	1108	1121	1124	rBV9	13280	20089	3.57%	0.351%
10	5.074	1221	1239	1262	rBV3	226890	562789	100.00%	9.843%
11	5.643	1404	1416	1440	rBV	202181	404621	71.90%	7.077%
12	6.097	1537	1557	1572	rBV	127245	265958	47.26%	4.652%
13	6.495	1672	1681	1693	rBV2	14547	30438	5.41%	0.532%
14	7.010	1830	1841	1854	rBV	65843	121503	21.59%	2.125%
15	7.338	1931	1943	1959	rBV	274900	475709	84.53%	8.320%
16	7.646	2028	2039	2053	rBV2	40612	73385	13.04%	1.284%
17	8.109	2172	2183	2205	rBV	276286	474484	84.31%	8.299%
18	8.322	2240	2249	2265	rBV2	33138	55522	9.87%	0.971%
19	8.408	2268	2276	2284	rVB7	5035	9353	1.66%	0.164%
20	8.875	2409	2421	2436	rBV	311279	509232	90.48%	8.907%
21	10.032	2771	2781	2790	rBV4	7005	12414	2.21%	0.217%
22	10.238	2832	2845	2858	rBV	95452	153333	27.25%	2.682%
23	11.270	3154	3166	3187	rBV	305278	474543	84.32%	8.300%
24	11.553	3242	3254	3265	rBV	8468	17469	3.10%	0.306%
25	11.646	3270	3283	3299	rVV	274146	440227	78.22%	7.700%
26	16.736	4856	4866	4878	rBV3	51585	80131	14.24%	1.402%

Sum of corrected areas: 5717403

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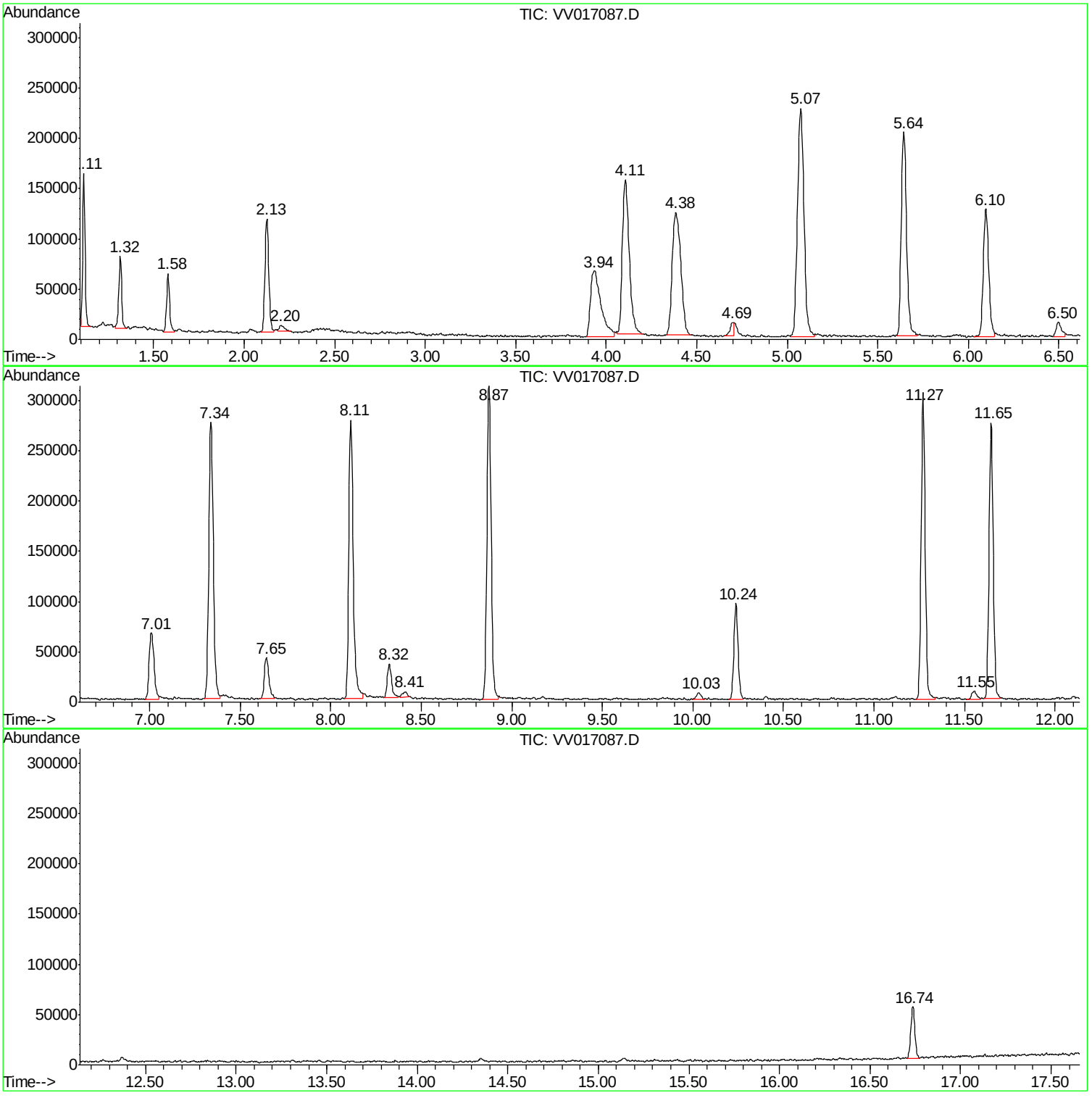
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL4

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

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Quant Title : TRACE VOA SOM01.0

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

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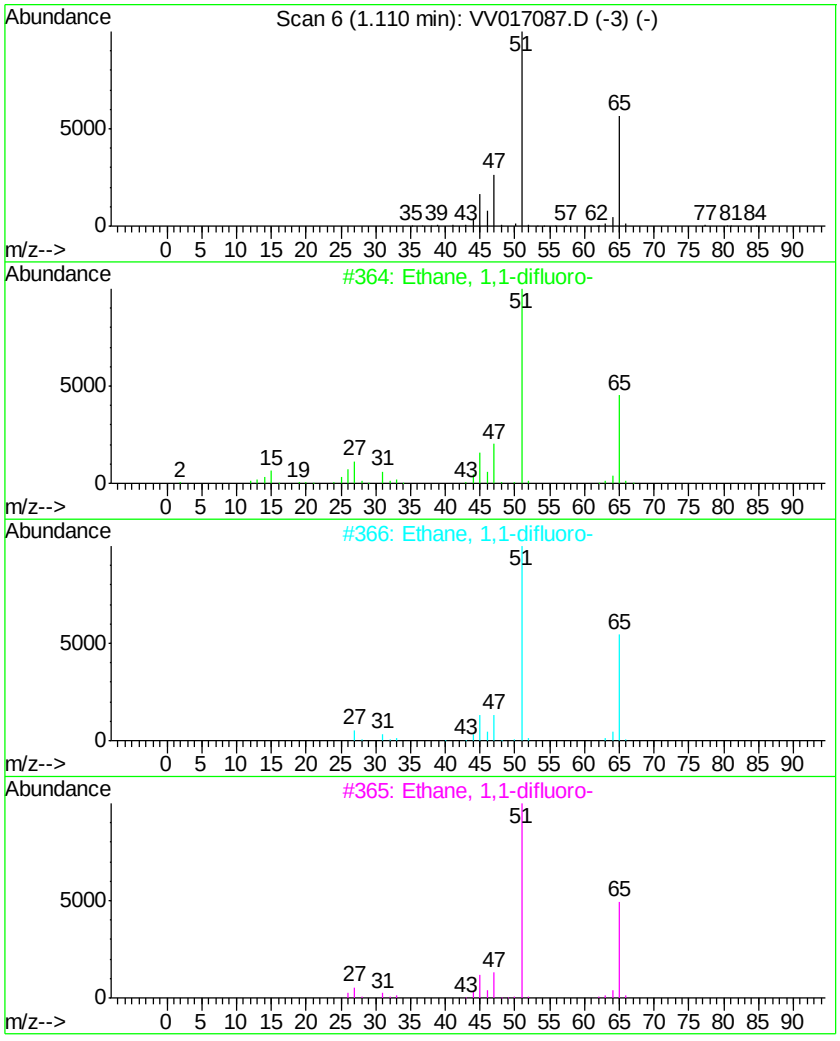
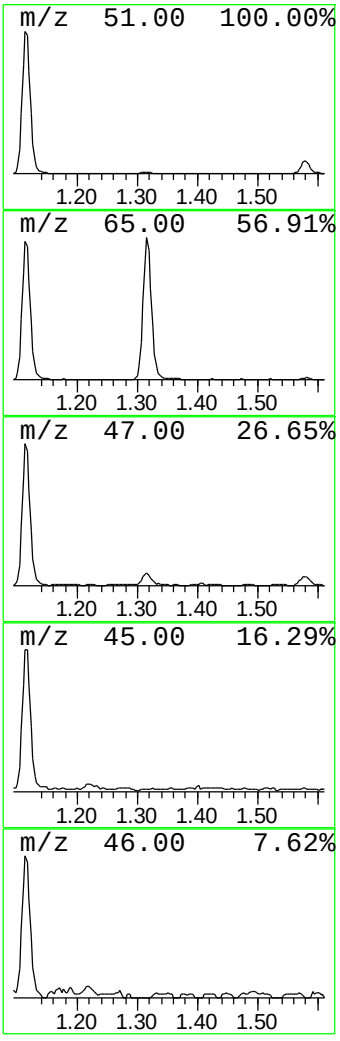
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.77 ug/L	143233	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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Acq On : 24 Jun 2020 21:29
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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL4

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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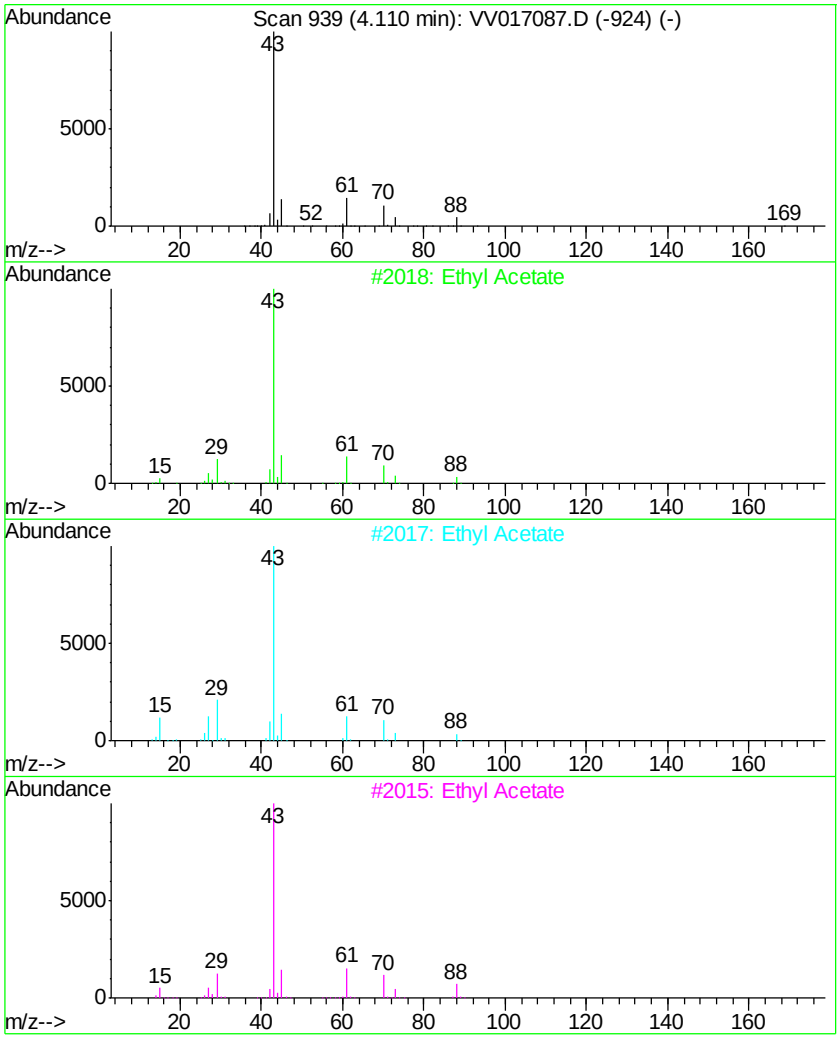
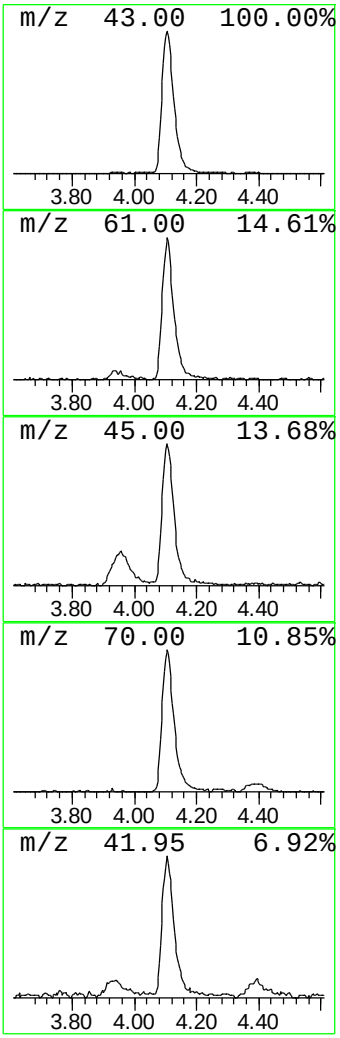
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	4.99 ug/L	403530	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
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	9





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Operator : SY/MD
Sample : L3105-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL4

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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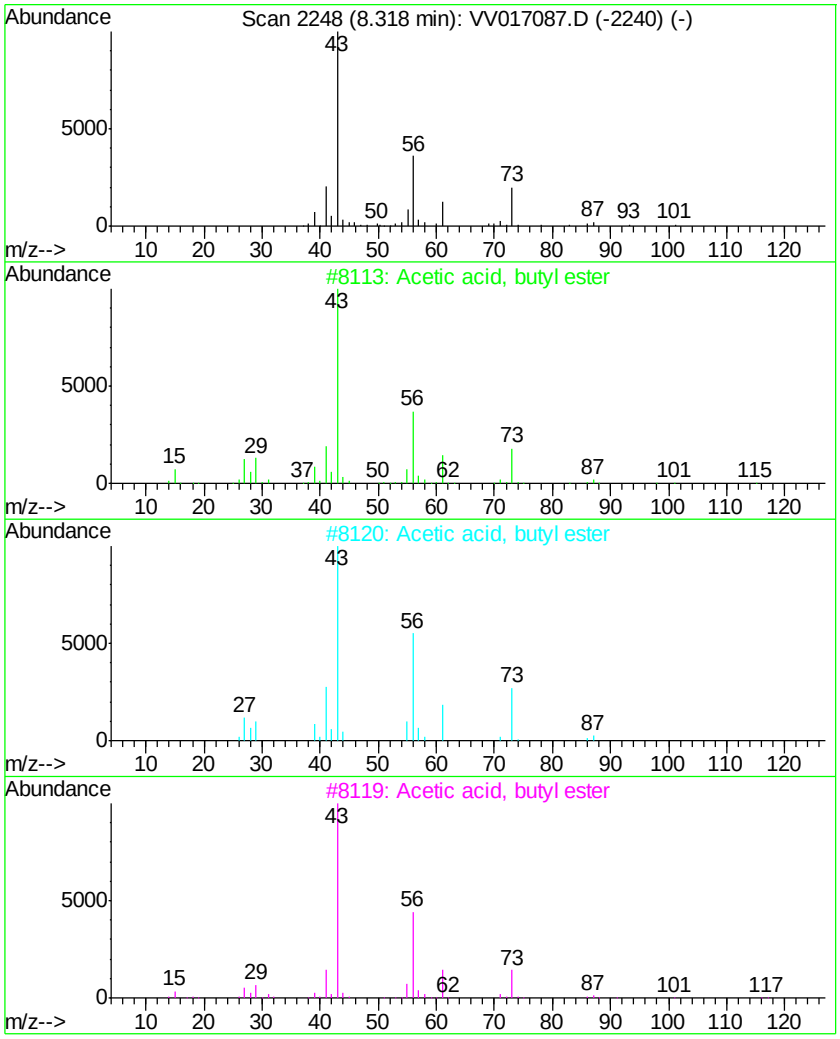
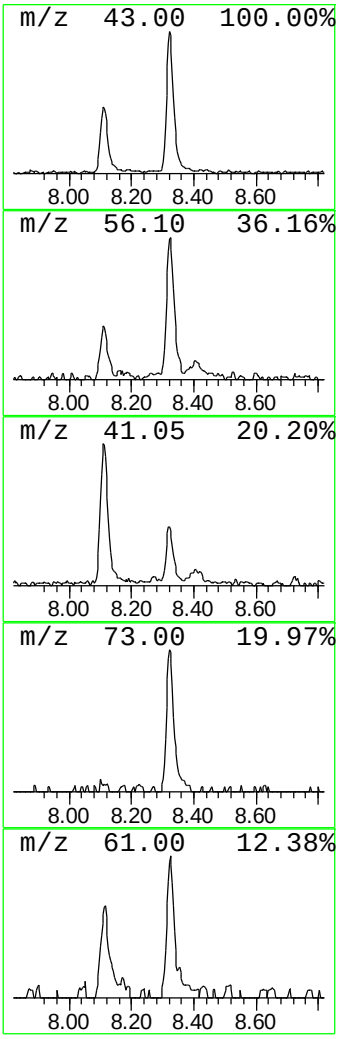
Peak Number 4 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.55 ug/L	55522	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	64
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	59
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	53
5	Isobutyl acetate	116	C6H12O2	000110-19-0	36





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL4

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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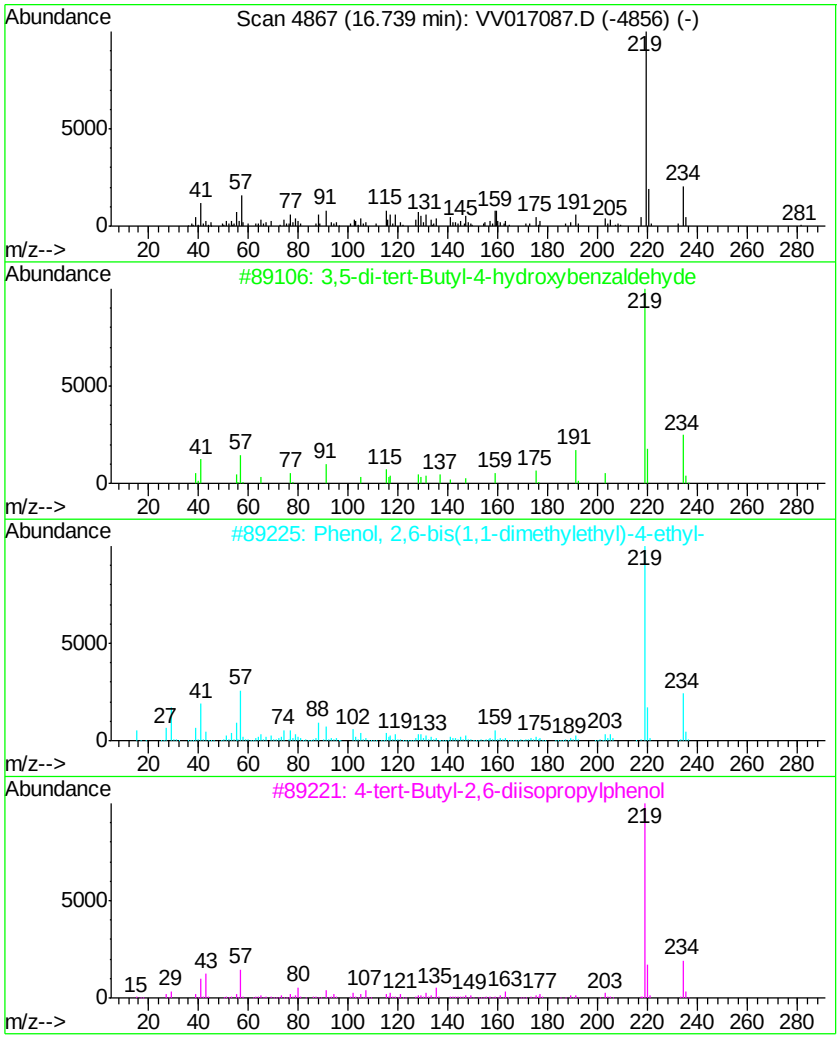
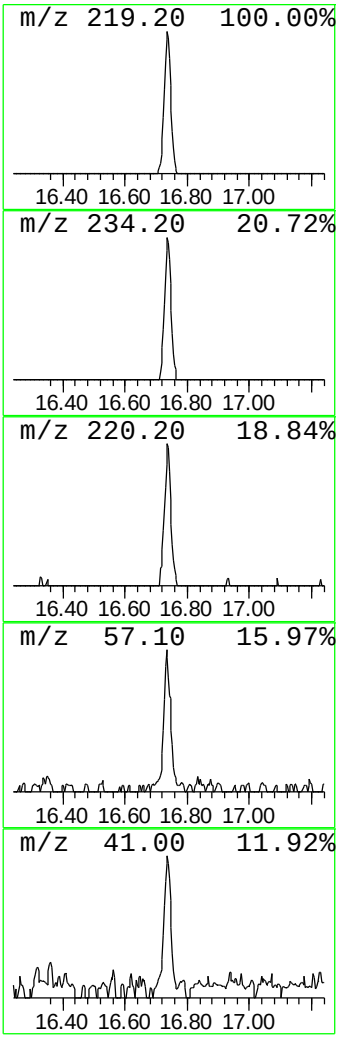
Peak Number 5 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	0.84 ug/L	80131	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
3	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
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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	1.8	ug/L	143233	1	5.64	404621	5.0
Ethyl Acetate	4.11	5.0	ug/L	403530	1	5.64	404621	5.0
Acetic acid, buty...	8.32	0.6	ug/L	55522	2	8.87	509232	5.0
3,5-di-tert-Butyl...	16.74	0.8	ug/L	80131	3	11.27	474543	5.0