LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017083.D
Acq On : 24 Jun 2020 19:53
Operator : SY/MD
Sample : L3105-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL0

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	137102	129851	6.51%	1.632%
2	1.319	63	71	82	rVB2	105195	123982	6.22%	1.558%
3	1.579	145	152	161	rBV	51603	60306	3.02%	0.758%
4	2.126	310	322	337	rBV2	124853	203394	10.20%	2.557%
5	2.778	517	525	536	rBV3	11603	22108	1.11%	0.278%
6	3.212	647	660	675	rVB2	73537	152934	7.67%	1.922%
7	3.939	867	886	920	rBV2	795521	1993710	100.00%	25.060%
8	4.106	923	938	964	rVB2	227958	613950	30.79%	7.717%
9	4.380	1007	1023	1046	rBV3	108693	326651	16.38%	4.106%
10	4.637	1089	1103	1115	rBV3	10996	28907	1.45%	0.363%
11	4.708	1116	1125	1139	rVB5	9504	21892	1.10%	0.275%
12	5.074	1221	1239	1265	rBV2	223528	562873	28.23%	7.075%
13	5.643	1404	1416	1434	rBV	200183	400908	20.11%	5.039%
14	5.939	1494	1508	1523	rBV	49238	98309	4.93%	1.236%
15	6.097	1542	1557	1576	rBV2	127407	263040	13.19%	3.306%
16	6.495	1670	1681	1696	rBV2	21007	41633	2.09%	0.523%
17	7.010	1831	1841	1859	rBV2	64960	120996	6.07%	1.521%
18	7.338	1929	1943	1961	rBV	260955	458255	22.99%	5.760%
19	7.643	2029	2038	2052	rVB	40580	69359	3.48%	0.872%
20	8.109	2171	2183	2204	rBV	262847	453859	22.76%	5.705%
21	8.322	2241	2249	2262	rBV2	42997	66448	3.33%	0.835%
22	8.875	2410	2421	2426	rBV	313999	522341	26.20%	6.566%
23	10.238	2833	2845	2858	rBV	91662	145061	7.28%	1.823%
24	11.270	3155	3166	3188	rBV	300449	486104	24.38%	6.110%
25	11.646	3271	3283	3299	rBV	275850	445917	22.37%	5.605%
26	13.286	3785	3793	3802	rBV6	12436	19939	1.00%	0.251%
27	13.768	3933	3943	3957	rBV4	24563	40891	2.05%	0.514%
28	16.736	4856	4866	4877	rBV2	54626	82016	4.11%	1.031%

Sum of corrected areas: 7955634

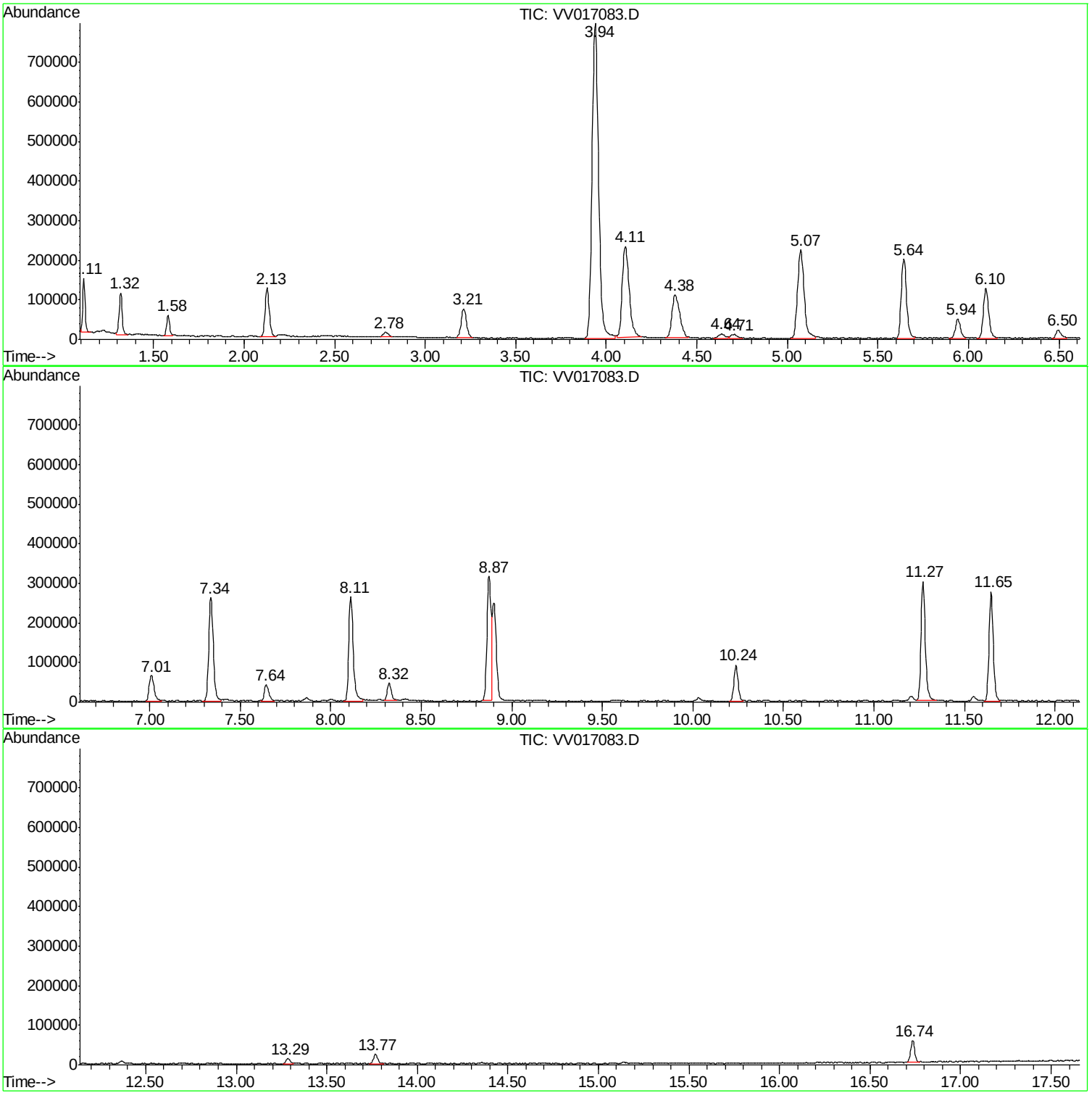
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017083.D
Acq On : 24 Jun 2020 19:53
Operator : SY/MD
Sample : L3105-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL0

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 : VV017083.D
Acq On : 24 Jun 2020 19:53
Operator : SY/MD
Sample : L3105-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL0

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

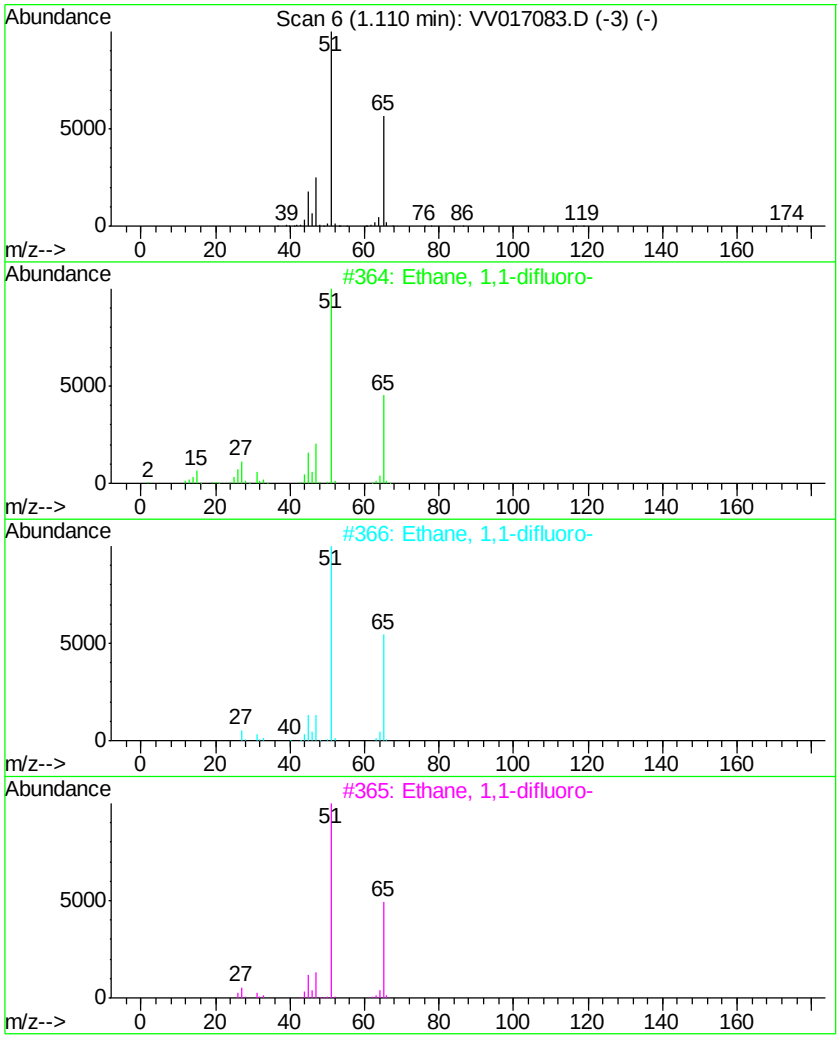
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

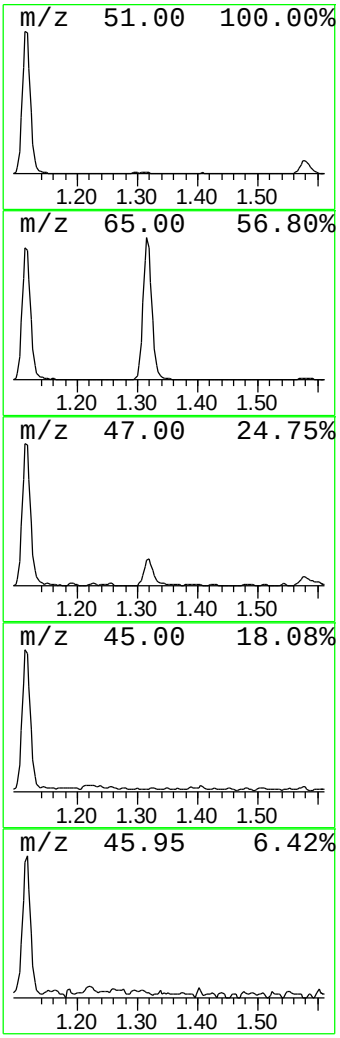
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.62 ug/L	129851	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	91
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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017083.D
Acq On : 24 Jun 2020 19:53
Operator : SY/MD
Sample : L3105-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL0

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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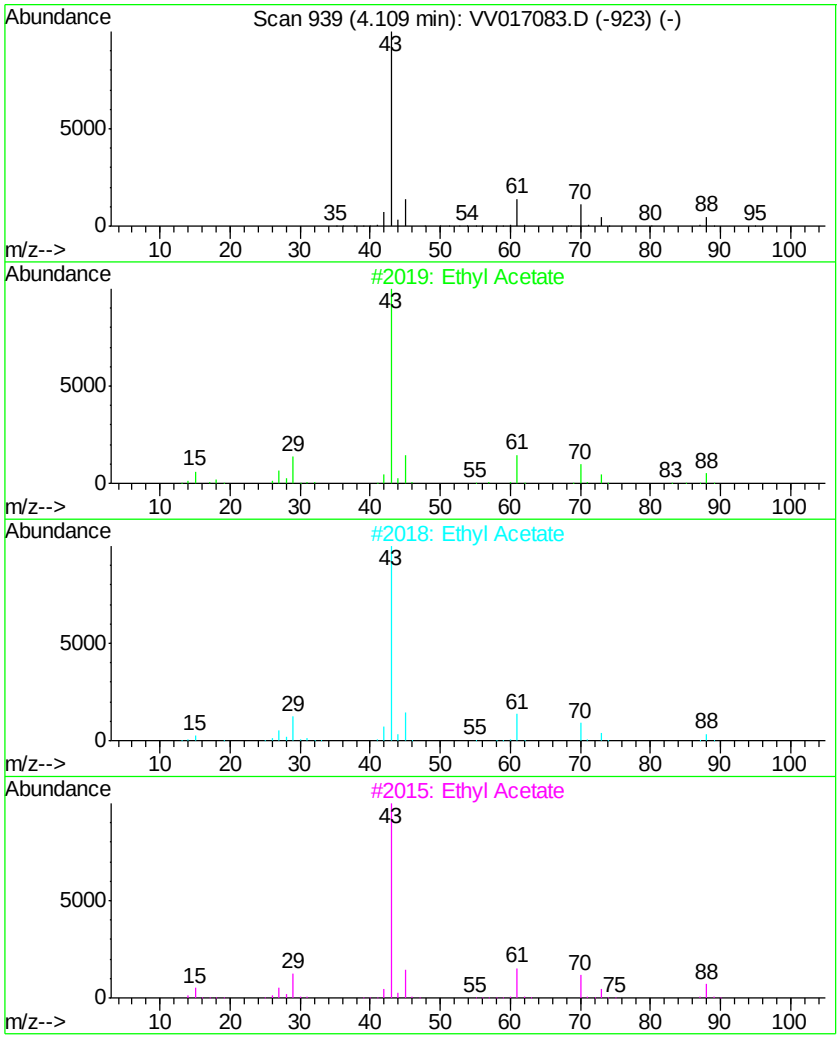
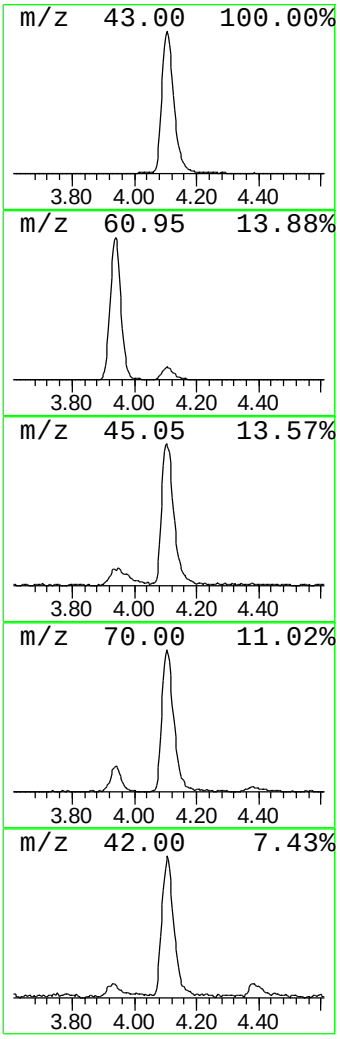
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	7.66 ug/L	613950	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	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017083.D
Acq On : 24 Jun 2020 19:53
Operator : SY/MD
Sample : L3105-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL0

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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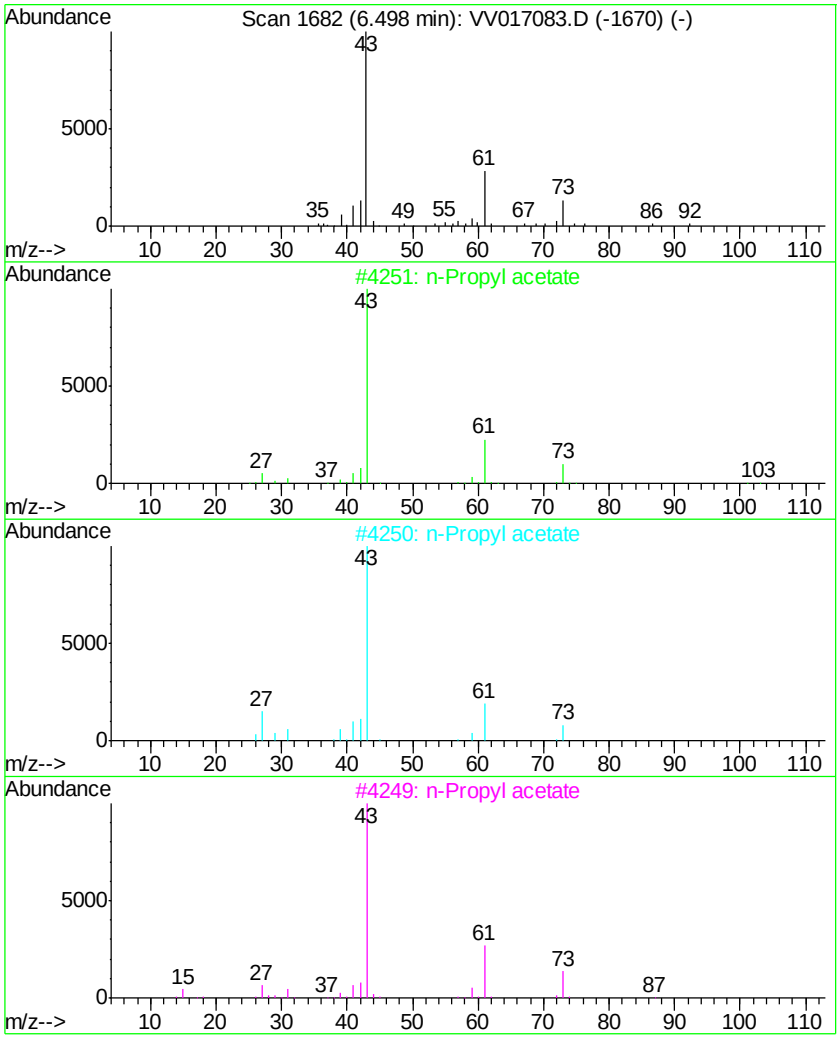
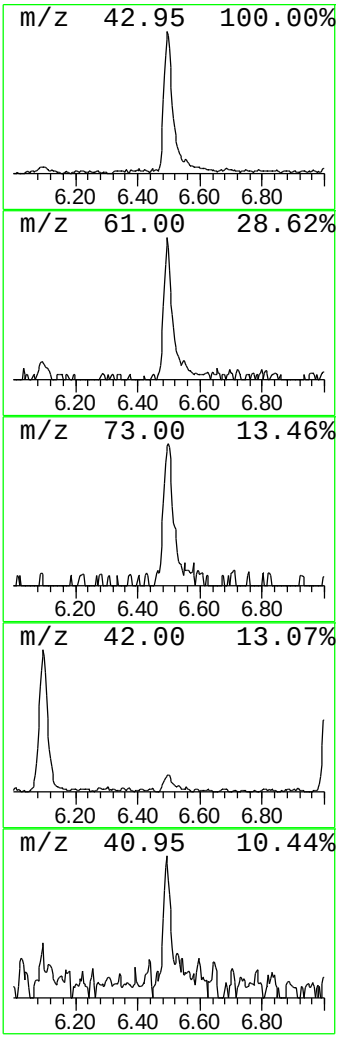
Peak Number 3 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.52 ug/L	41633	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	50
2	n-Propyl acetate	102	C5H10O2	000109-60-4	50
3	n-Propyl acetate	102	C5H10O2	000109-60-4	50
4	4-Fluoro-4-methylpentane-2,3-dione	132	C6H9FO2	1000367-34-8	42
5	Diacetyl(methoxyimino)methane	143	C6H9NO3	069740-33-6	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017083.D
Acq On : 24 Jun 2020 19:53
Operator : SY/MD
Sample : L3105-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL0

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

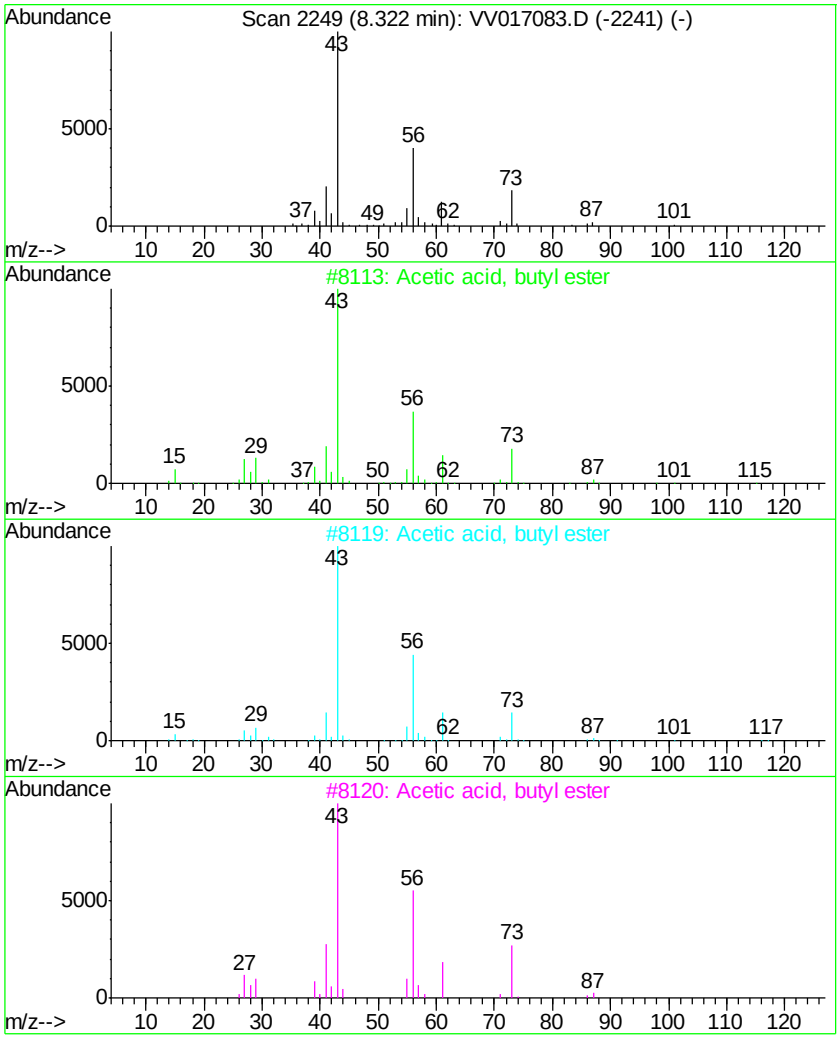
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

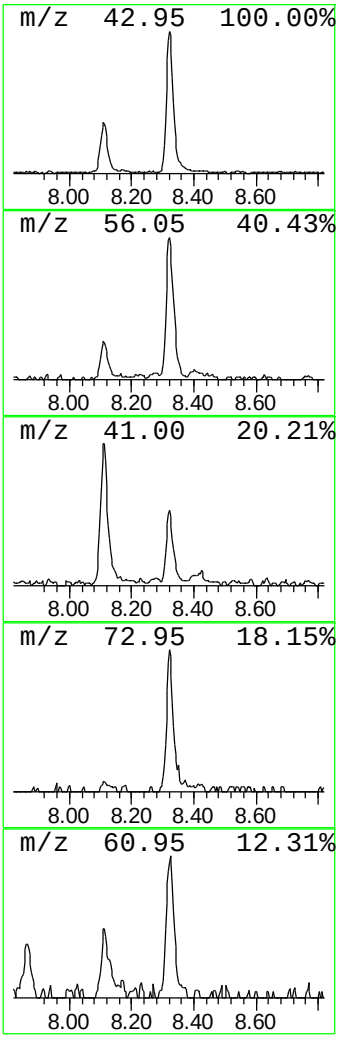
****

Peak Number 5 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.64 ug/L	66448	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	72
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	59
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	45
5	1-Butanol, 4-chloro-, acetate	150	C6H11ClO2	006962-92-1	17





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017083.D
Acq On : 24 Jun 2020 19:53
Operator : SY/MD
Sample : L3105-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL0

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

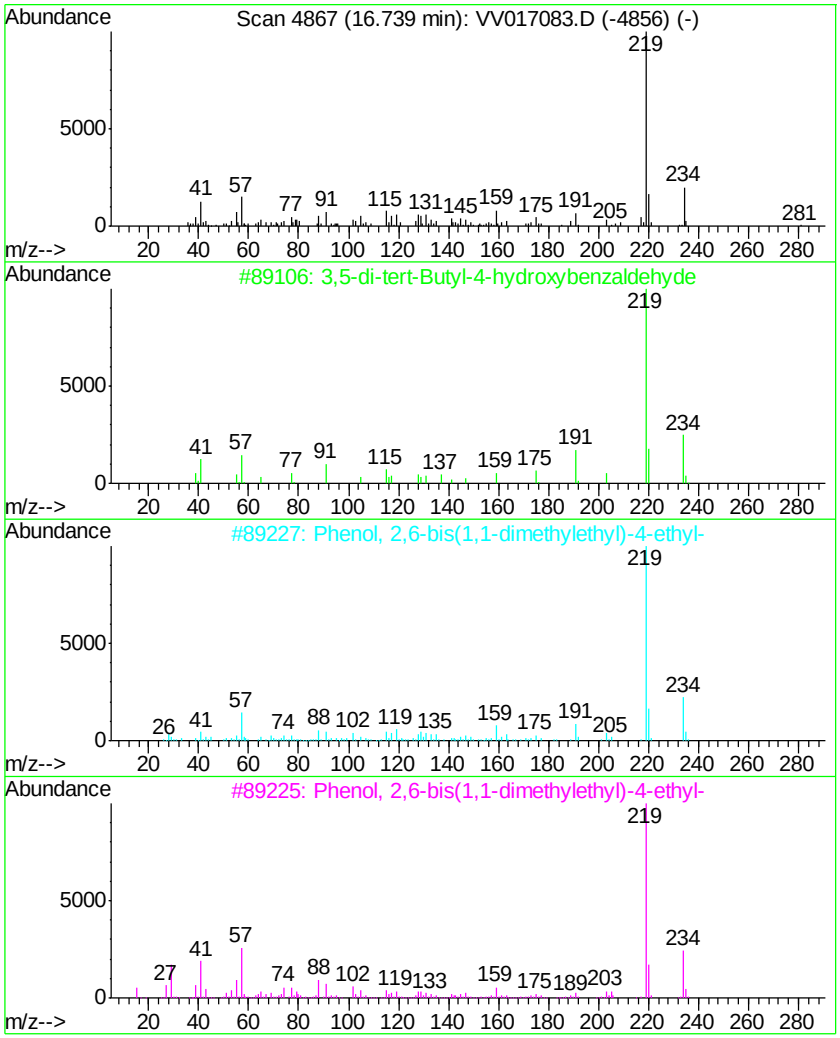
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

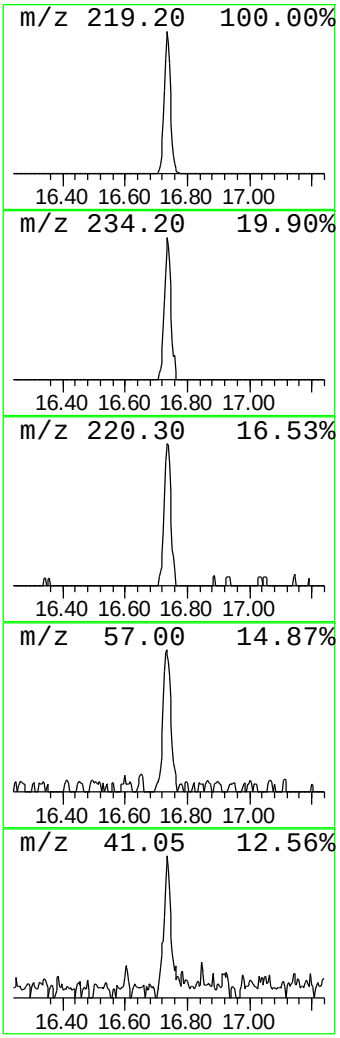
****

Peak Number 6 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	82016	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	91
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
4	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	83
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017083.D
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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	129851	1	5.64	400908	5.0
Ethyl Acetate	4.11	7.7	ug/L	613950	1	5.64	400908	5.0
n-Propyl acetate	6.50	0.5	ug/L	41633	1	5.64	400908	5.0
Acetic acid, buty...	8.32	0.6	ug/L	66448	2	8.87	522341	5.0
3,5-di-tert-Butyl...	16.74	0.8	ug/L	82016	3	11.27	486104	5.0