LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017138.D
Acq On : 25 Jun 2020 19:35
Operator : SY/MD
Sample : L3106-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN0

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	131907	126648	8.33%	1.787%
2	1.315	60	70	82	rVB	92236	102172	6.72%	1.442%
3	1.579	144	152	164	rBV	73659	81611	5.37%	1.152%
4	2.126	312	322	333	rBV	143214	204854	13.48%	2.891%
5	3.939	870	886	914	rBV3	110311	377135	24.81%	5.322%
6	4.106	923	938	978	rVB	545832	1519970	100.00%	21.448%
7	4.379	1002	1023	1044	rBV3	118806	323549	21.29%	4.566%
8	4.701	1113	1123	1138	rVB4	15222	34960	2.30%	0.493%
9	5.074	1223	1239	1258	rBV2	245797	596657	39.25%	8.419%
10	5.643	1403	1416	1438	rBV	198012	397146	26.13%	5.604%
11	5.942	1497	1509	1527	rVB5	20684	45472	2.99%	0.642%
12	6.096	1543	1557	1576	rBV	135823	282419	18.58%	3.985%
13	7.010	1829	1841	1860	rBV	70341	126775	8.34%	1.789%
14	7.338	1930	1943	1964	rBV	286083	492871	32.43%	6.955%
15	7.643	2027	2038	2057	rBV2	44180	78877	5.19%	1.113%
16	8.112	2172	2184	2209	rBV	272547	494216	32.51%	6.974%
17	8.321	2239	2249	2264	rBV	42266	69468	4.57%	0.980%
18	8.874	2407	2421	2437	rBV	301978	499541	32.87%	7.049%
19	10.032	2771	2781	2790	rBV3	7488	15430	1.02%	0.218%
20	10.238	2834	2845	2862	rBV	94452	153789	10.12%	2.170%
21	11.270	3155	3166	3181	rBV	282121	437540	28.79%	6.174%
22	11.646	3271	3283	3300	rBV	293286	453700	29.85%	6.402%
23	13.768	3933	3943	3956	rVB3	49759	79879	5.26%	1.127%
24	16.736	4856	4866	4877	rBV2	60937	92005	6.05%	1.298%

Sum of corrected areas: 7086684

LSC Report - Integrated Chromatogram

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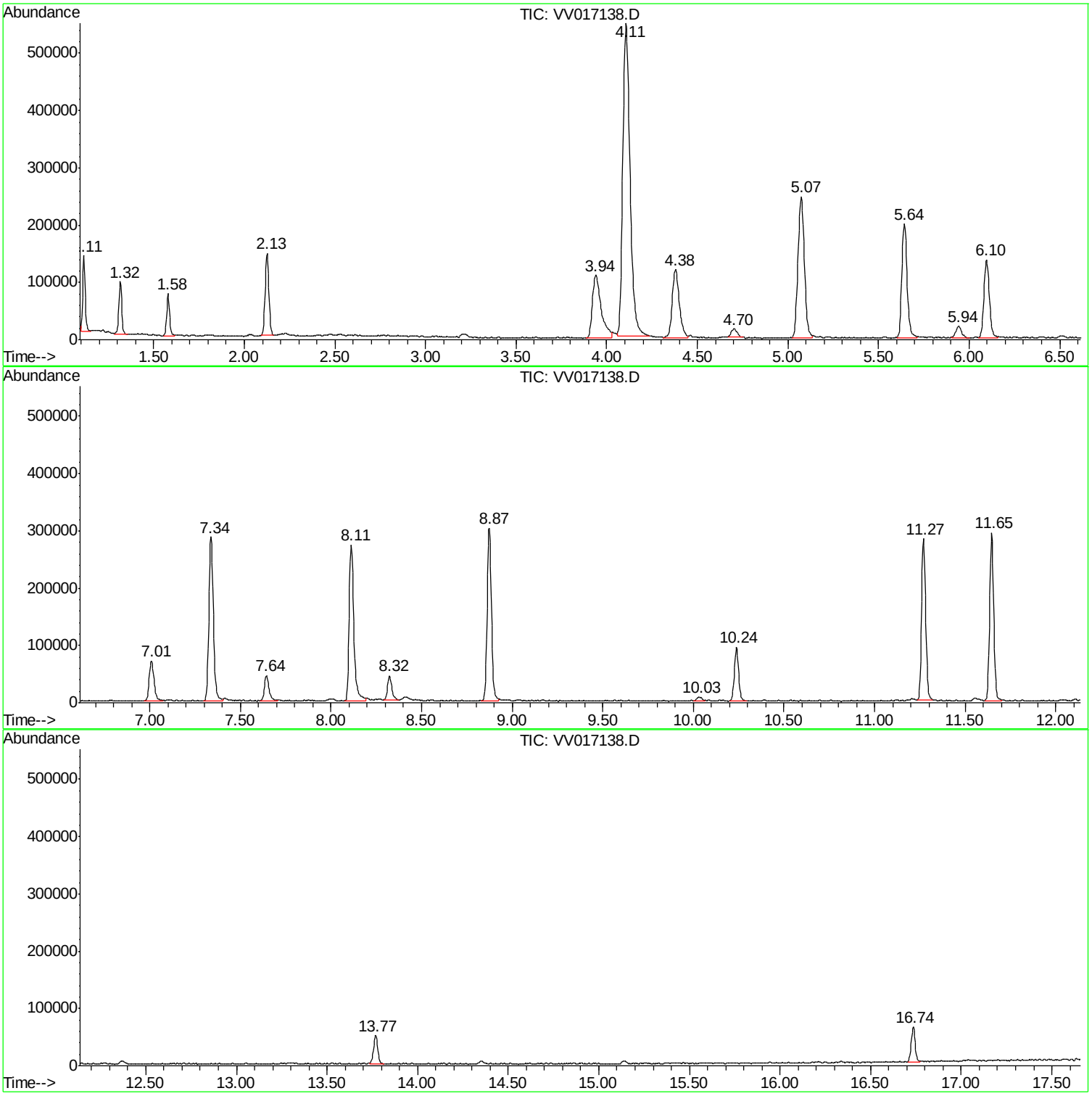
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN0

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 : VV017138.D
Acq On : 25 Jun 2020 19:35
Operator : SY/MD
Sample : L3106-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN0

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

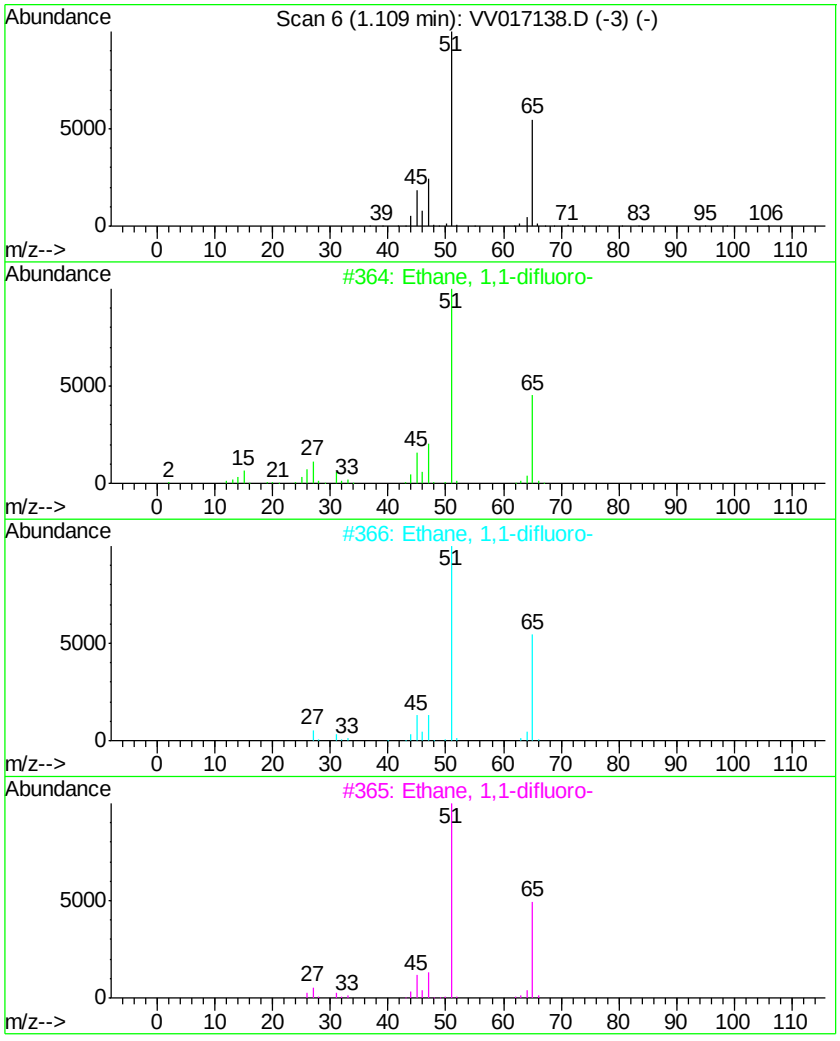
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

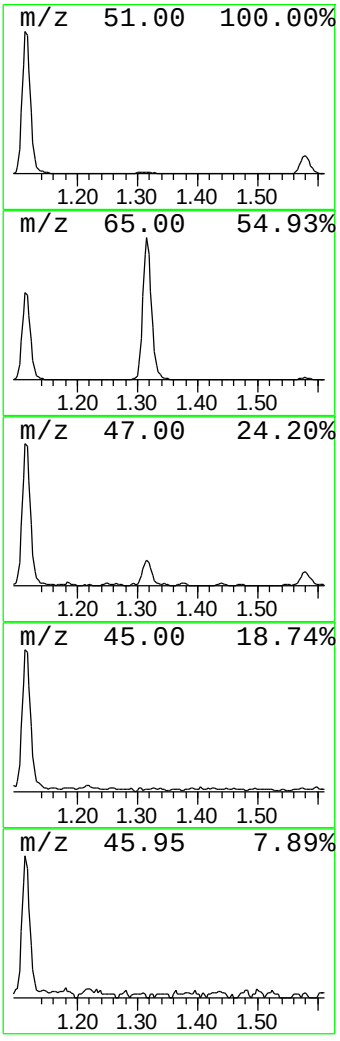
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.59 ug/L	126648	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	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	10
5	Ethanamine, N-chloro-N,1,1-trifl...	133	C2H3ClF3N	016276-45-2	4





Library Search Compound Report

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Data File : VV017138.D
Acq On : 25 Jun 2020 19:35
Operator : SY/MD
Sample : L3106-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN0

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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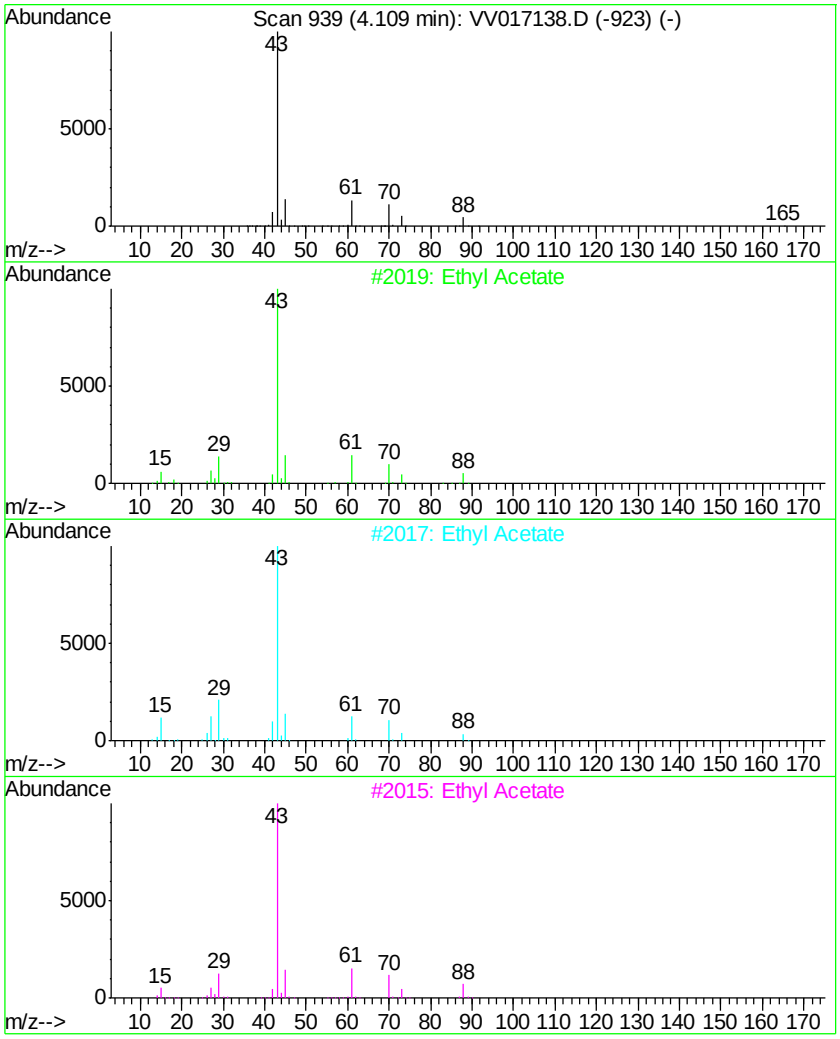
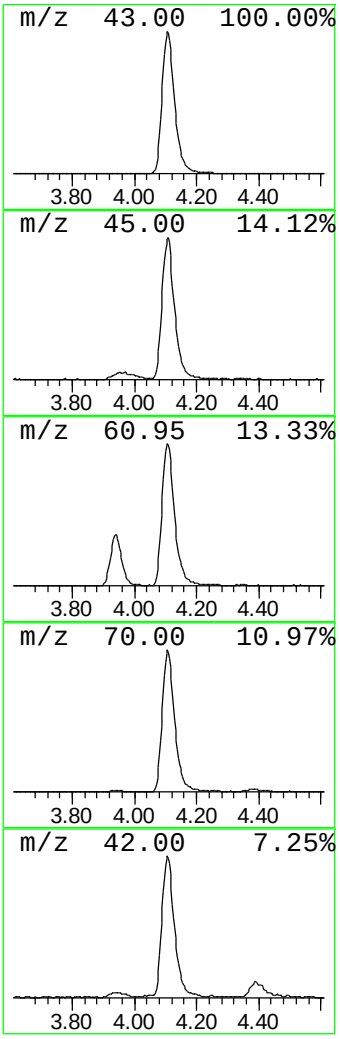
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	19.14 ug/L	1519970	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





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Data File : VV017138.D
Acq On : 25 Jun 2020 19:35
Operator : SY/MD
Sample : L3106-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN0

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

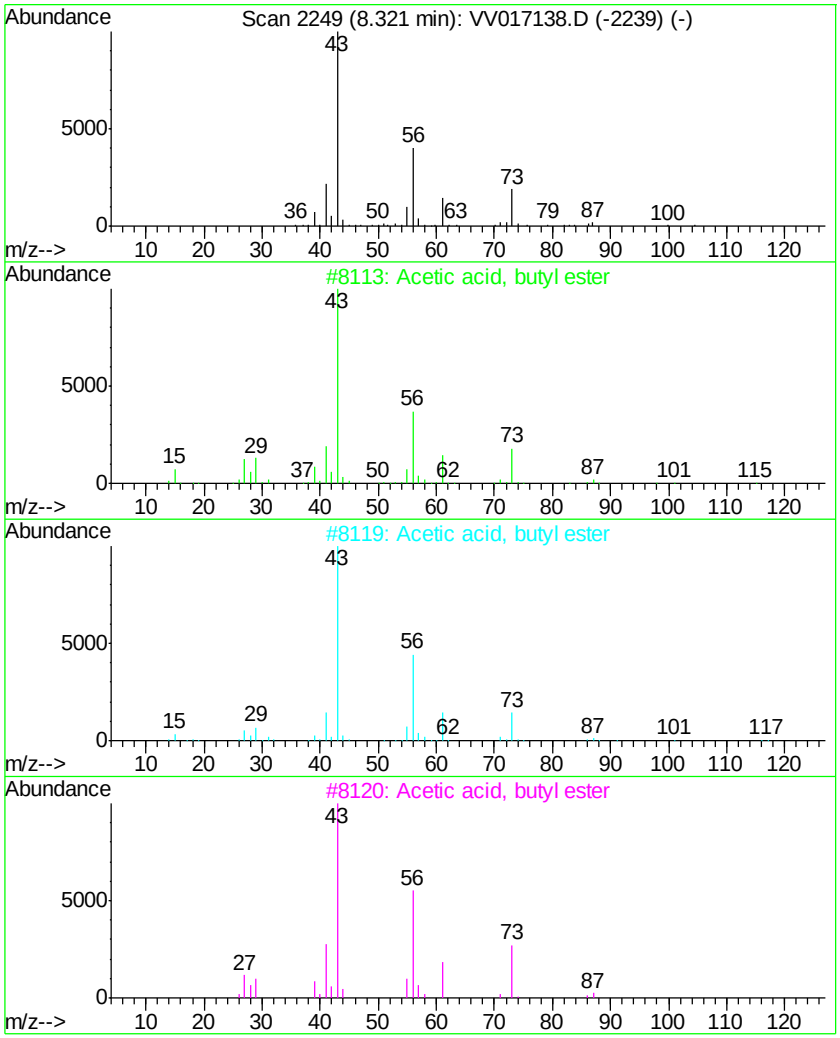
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

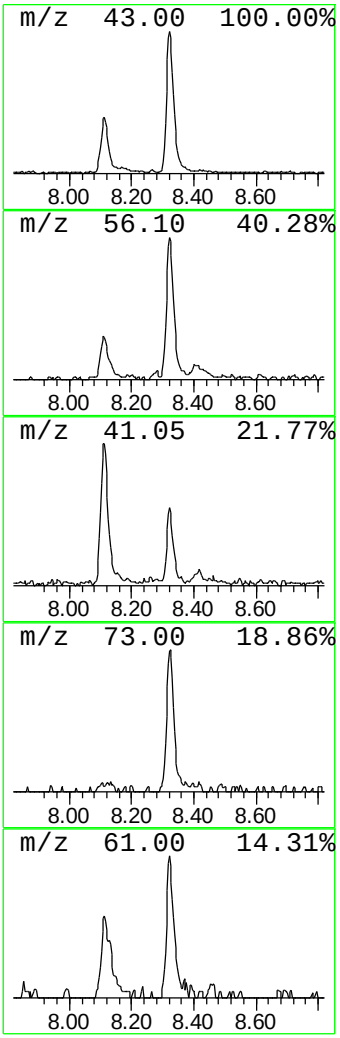
****

Peak Number 4 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.70 ug/L	69468	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	56
4	Isobutyl acetate	116	C6H12O2	000110-19-0	50
5	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	45





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Instrument : MSVOA_V
ClientSampleId : BFXN0

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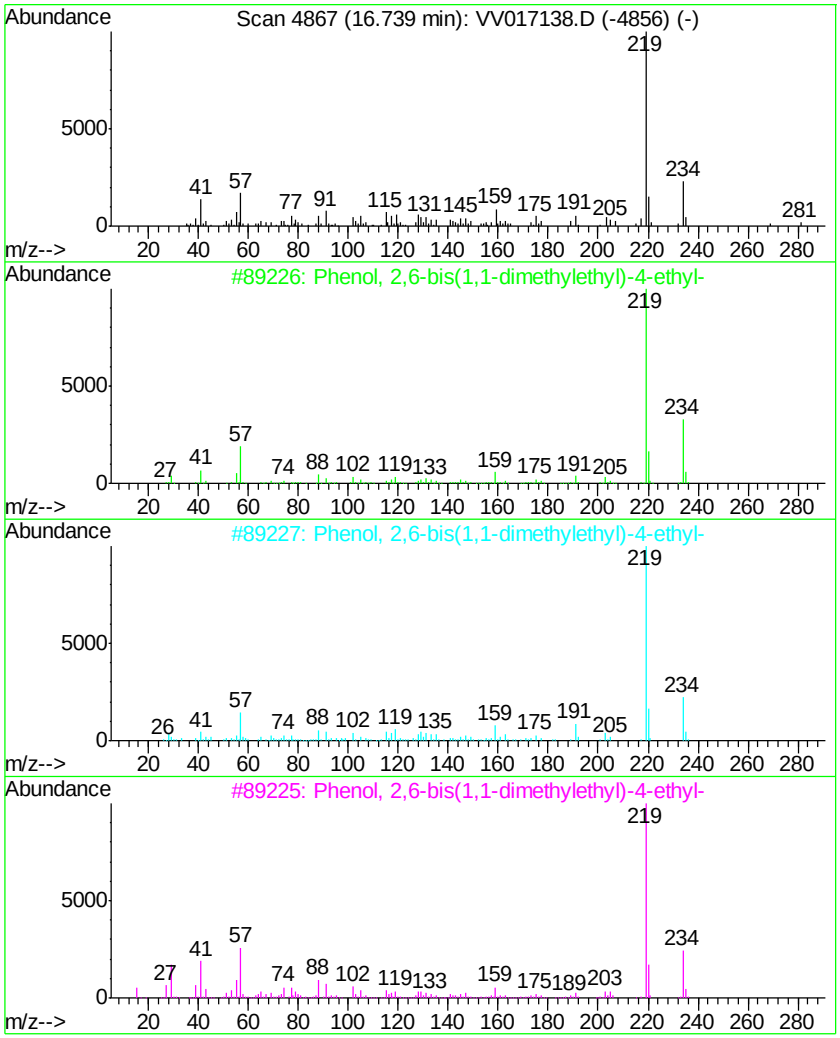
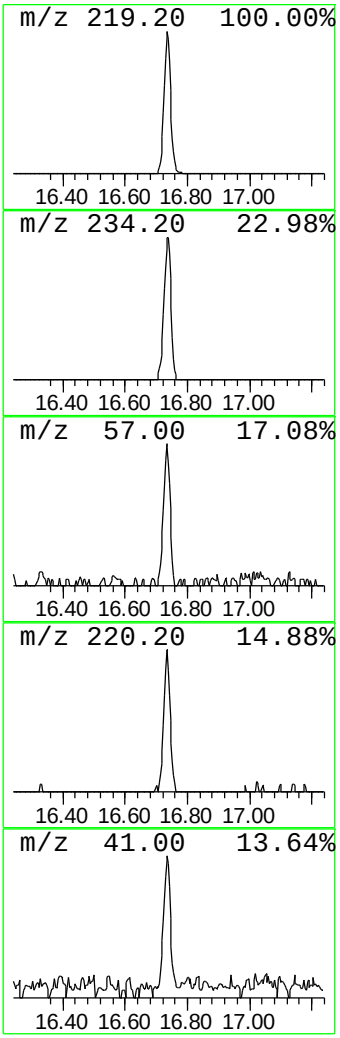
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	1.05 ug/L	92005	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	93
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
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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	126648	1	5.64	397146	5.0
Ethyl Acetate	4.11	19.1	ug/L	1519970	1	5.64	397146	5.0
Acetic acid, buty...	8.32	0.7	ug/L	69468	2	8.87	499541	5.0
Phenol, 2,6-bis(1...	16.74	1.1	ug/L	92005	3	11.27	437540	5.0