LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017090.D
Acq On : 24 Jun 2020 22:41
Operator : SY/MD
Sample : L3105-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL7

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	203035	191611	14.45%	2.882%
2	1.315	61	70	79	rVB	64663	73894	5.57%	1.111%
3	1.579	143	152	160	rBV	57303	66368	5.00%	0.998%
4	2.126	312	322	335	rVB	115202	169190	12.76%	2.545%
5	3.936	869	885	920	rBV2	61700	262411	19.79%	3.946%
6	4.106	923	938	974	rVB	486005	1326289	100.00%	19.947%
7	4.379	1004	1023	1048	rBV	108273	274431	20.69%	4.127%
8	4.704	1108	1124	1142	rVB3	25605	64897	4.89%	0.976%
9	5.074	1218	1239	1267	rBV3	230941	579027	43.66%	8.708%
10	5.643	1401	1416	1438	rBV	213879	433584	32.69%	6.521%
11	6.096	1543	1557	1574	rBV	133575	268748	20.26%	4.042%
12	7.010	1830	1841	1857	rBV2	67194	124966	9.42%	1.879%
13	7.338	1932	1943	1962	rBV	271049	474206	35.75%	7.132%
14	7.643	2029	2038	2055	rVB	40438	71134	5.36%	1.070%
15	8.109	2172	2183	2206	rBV	275377	482716	36.40%	7.260%
16	8.321	2241	2249	2263	rVB	37041	55599	4.19%	0.836%
17	8.874	2410	2421	2438	rBV	325207	528945	39.88%	7.955%
18	10.238	2833	2845	2861	rBV	94916	153970	11.61%	2.316%
19	11.270	3153	3166	3181	rBV	316331	497480	37.51%	7.482%
20	11.556	3244	3255	3266	rBV10	8563	16727	1.26%	0.252%
21	11.646	3269	3283	3300	rBV	285674	445942	33.62%	6.707%
22	12.366	3496	3507	3517	rBV	9382	13943	1.05%	0.210%
23	16.736	4856	4866	4875	rBV2	48534	73146	5.52%	1.100%

Sum of corrected areas: 6649224

LSC Report - Integrated Chromatogram

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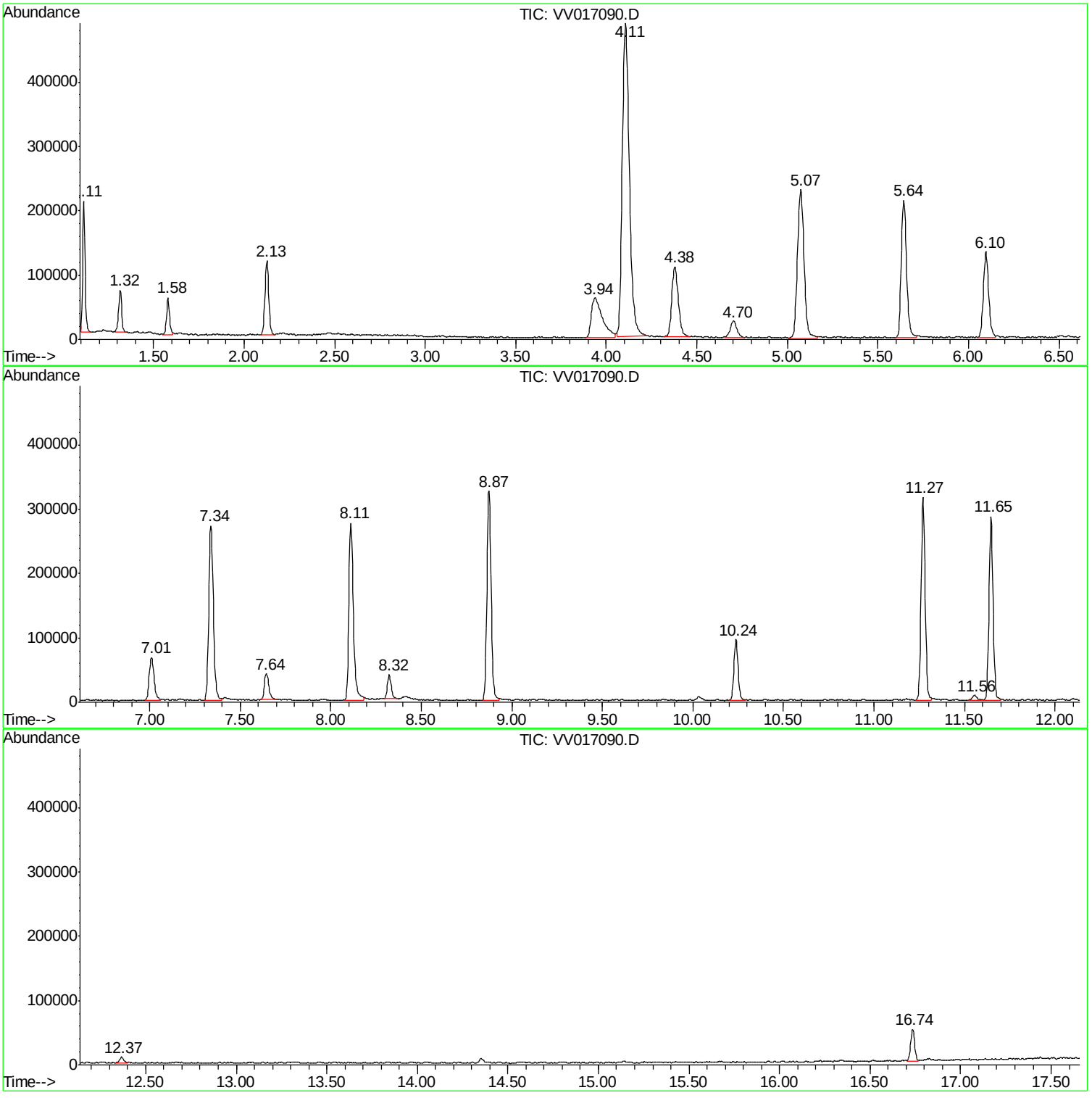
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL7

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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Data File : VV017090.D
Acq On : 24 Jun 2020 22:41
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL7

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

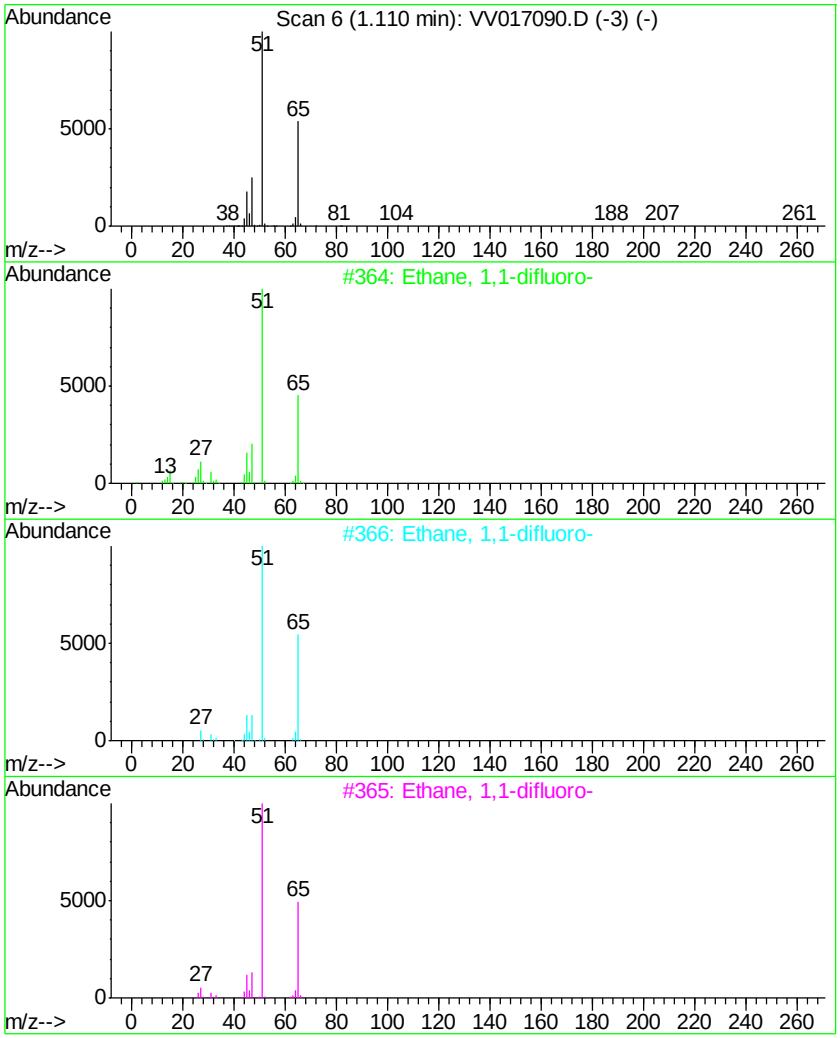
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

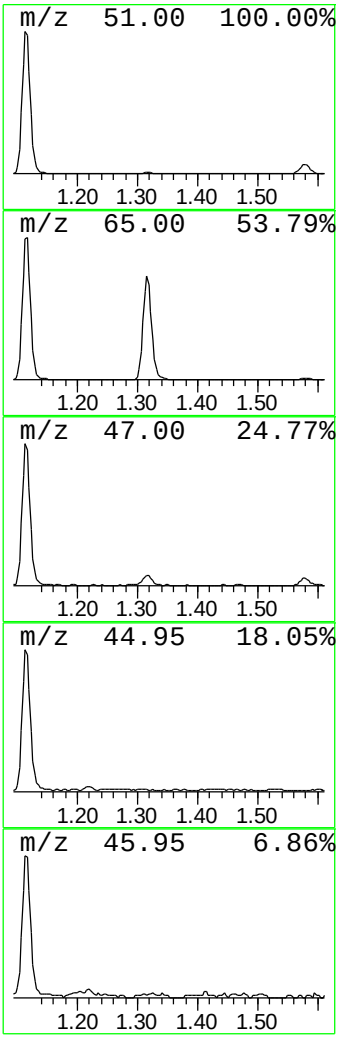
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	2.21 ug/L	191611	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

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Instrument : MSVOA_V
ClientSampleId : BFXL7

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

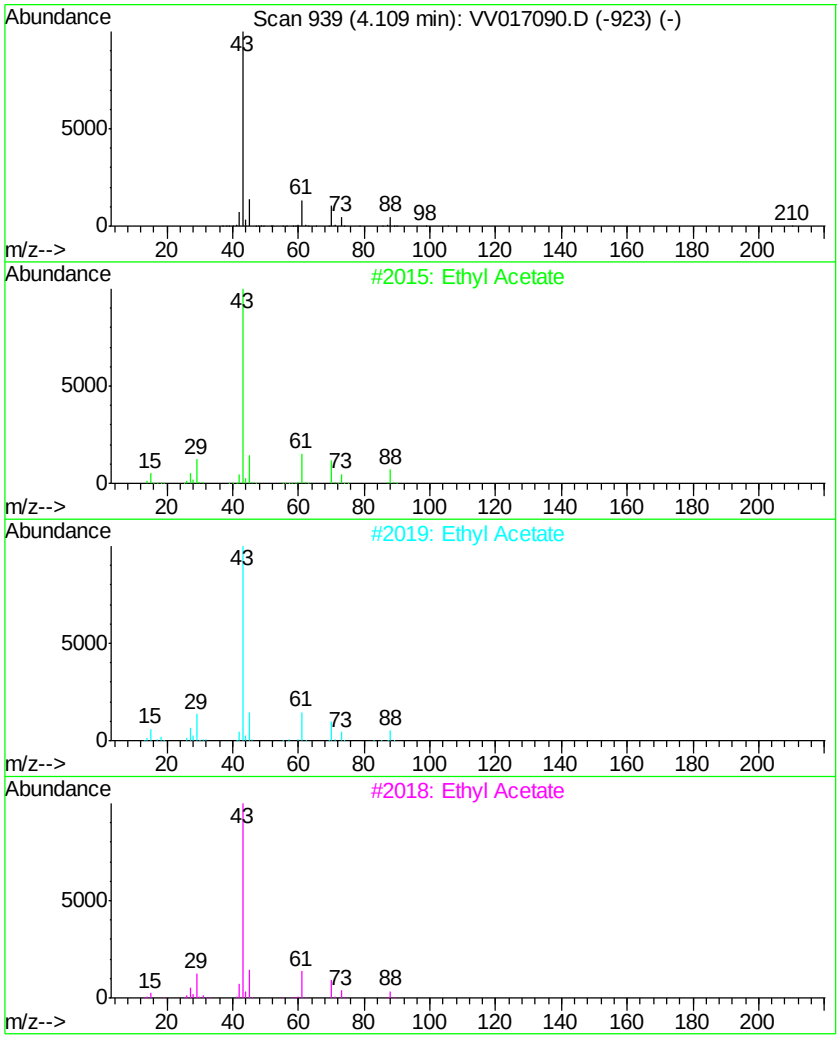
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

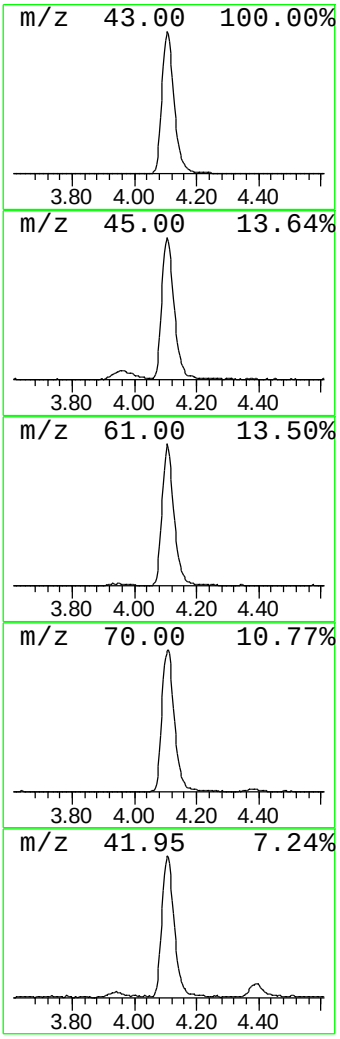
****

Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	15.29 ug/L	1326290	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	90
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\
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Acq On : 24 Jun 2020 22:41
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL7

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

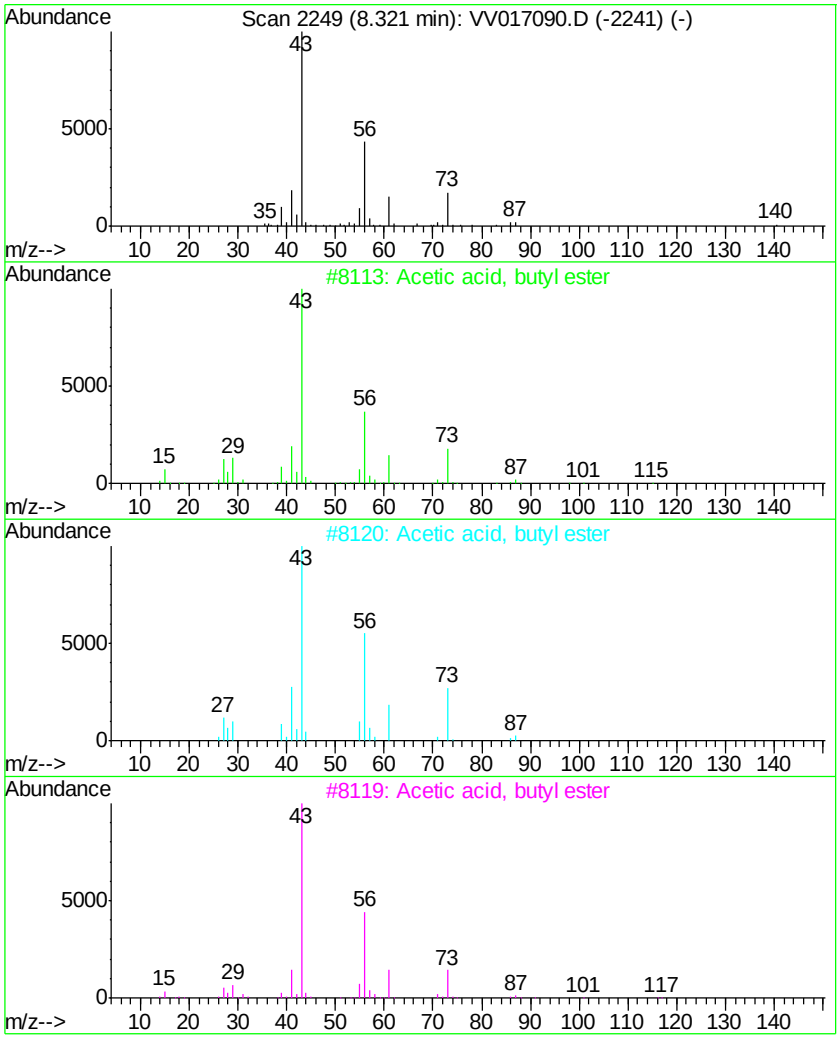
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

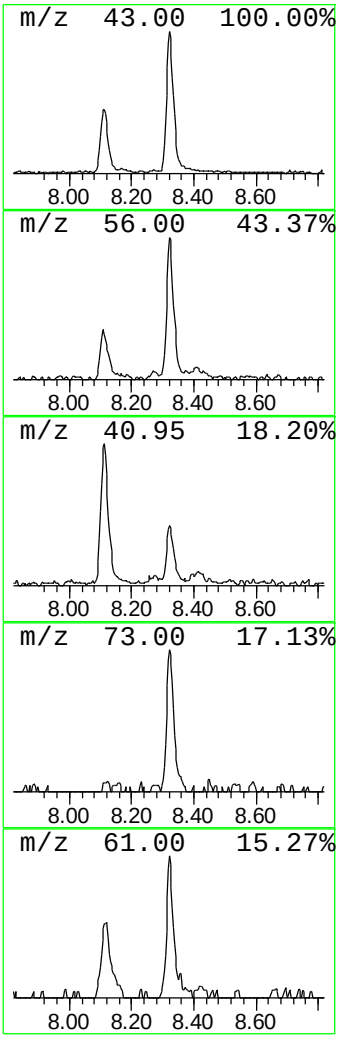
****

Peak Number 4 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.53 ug/L	55599	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	56
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	50
5	Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	50





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Sample : L3105-14
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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL7

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

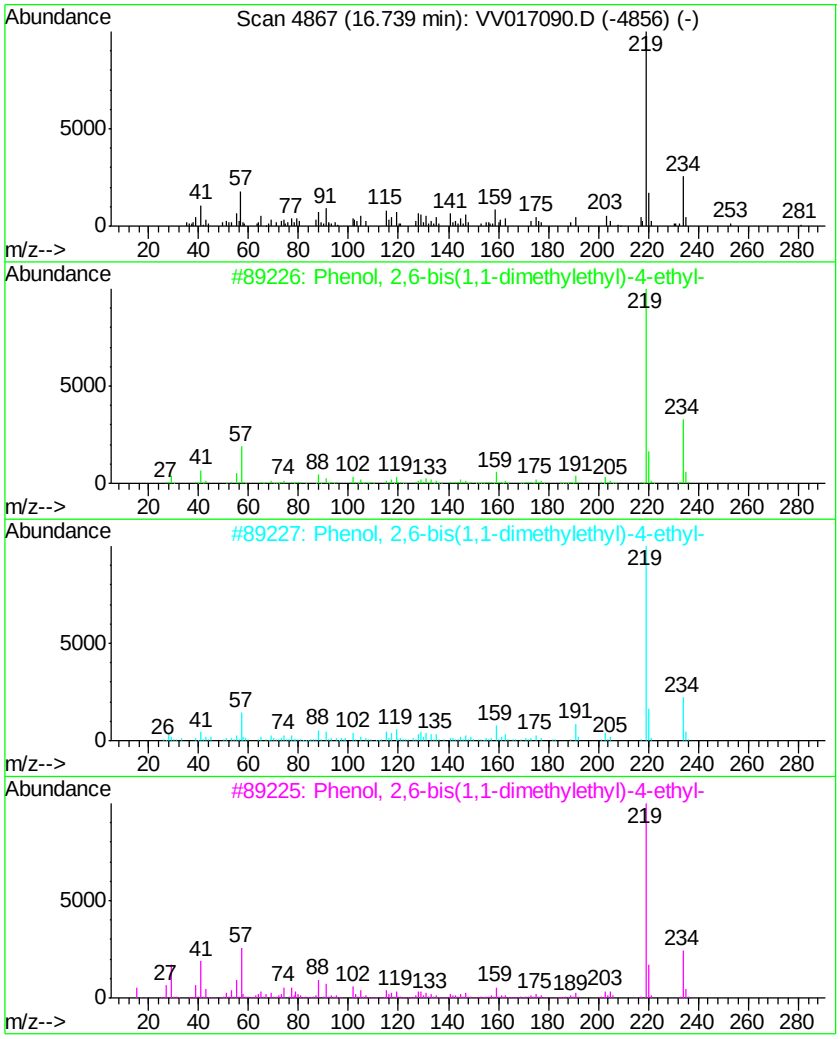
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

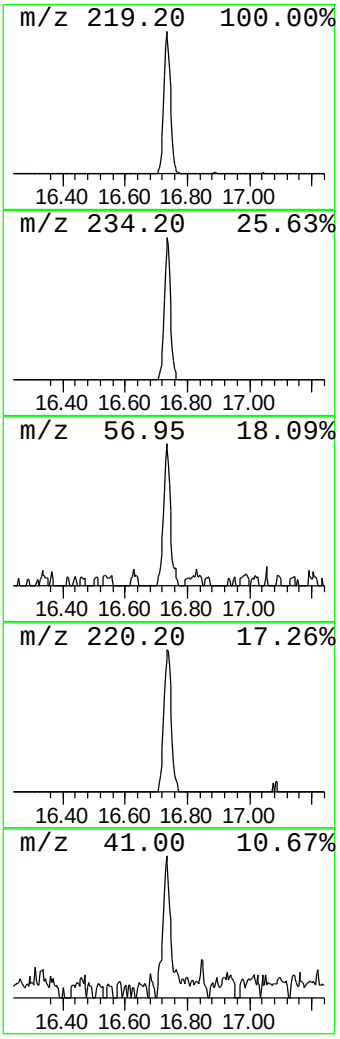
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	0.74 ug/L	73146	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	94
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	91
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
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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	2.2	ug/L	191611	1	5.64	433584	5.0
Ethyl Acetate	4.11	15.3	ug/L	1326290	1	5.64	433584	5.0
Acetic acid, buty...	8.32	0.5	ug/L	55599	2	8.87	528945	5.0
Phenol, 2,6-bis(1...	16.74	0.7	ug/L	73146	3	11.27	497480	5.0