LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017092.D
Acq On : 24 Jun 2020 23:29
Operator : SY/MD
Sample : L3105-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL9

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	16	rVB	198389	183822	14.90%	2.764%
2	1.315	62	70	80	rVB	63651	72287	5.86%	1.087%
3	1.579	145	152	166	rVB	52710	62612	5.07%	0.942%
4	2.126	307	322	337	rBV	110615	167692	13.59%	2.522%
5	2.791	515	529	541	rBV2	16363	35597	2.88%	0.535%
6	3.933	869	884	912	rBV2	63891	241820	19.60%	3.636%
7	4.103	921	937	972	rVB	466172	1233921	100.00%	18.555%
8	4.399	1007	1029	1052	rBV5	180758	597180	48.40%	8.980%
9	4.708	1112	1125	1138	rVB4	16109	38261	3.10%	0.575%
10	5.074	1223	1239	1263	rBV2	221426	539596	43.73%	8.114%
11	5.643	1404	1416	1433	rBV	204004	411377	33.34%	6.186%
12	6.097	1542	1557	1576	rBV2	125827	256617	20.80%	3.859%
13	7.010	1831	1841	1862	rBV	63069	116150	9.41%	1.747%
14	7.338	1931	1943	1960	rBV	265283	462263	37.46%	6.951%
15	7.643	2026	2038	2054	rBV2	39106	68088	5.52%	1.024%
16	8.109	2172	2183	2201	rBV	265557	456582	37.00%	6.866%
17	8.325	2240	2250	2265	rBV	37958	60533	4.91%	0.910%
18	8.875	2407	2421	2441	rBV	316020	515389	41.77%	7.750%
19	10.238	2835	2845	2862	rBV	90807	143326	11.62%	2.155%
20	11.270	3156	3166	3180	rBV	313260	472205	38.27%	7.101%
21	11.550	3245	3253	3262	rBV8	8666	14626	1.19%	0.220%
22	11.646	3272	3283	3300	rBV	274315	421506	34.16%	6.338%
23	16.733	4856	4865	4876	rBV2	51924	78739	6.38%	1.184%

Sum of corrected areas: 6650189

LSC Report - Integrated Chromatogram

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Data File : VV017092.D
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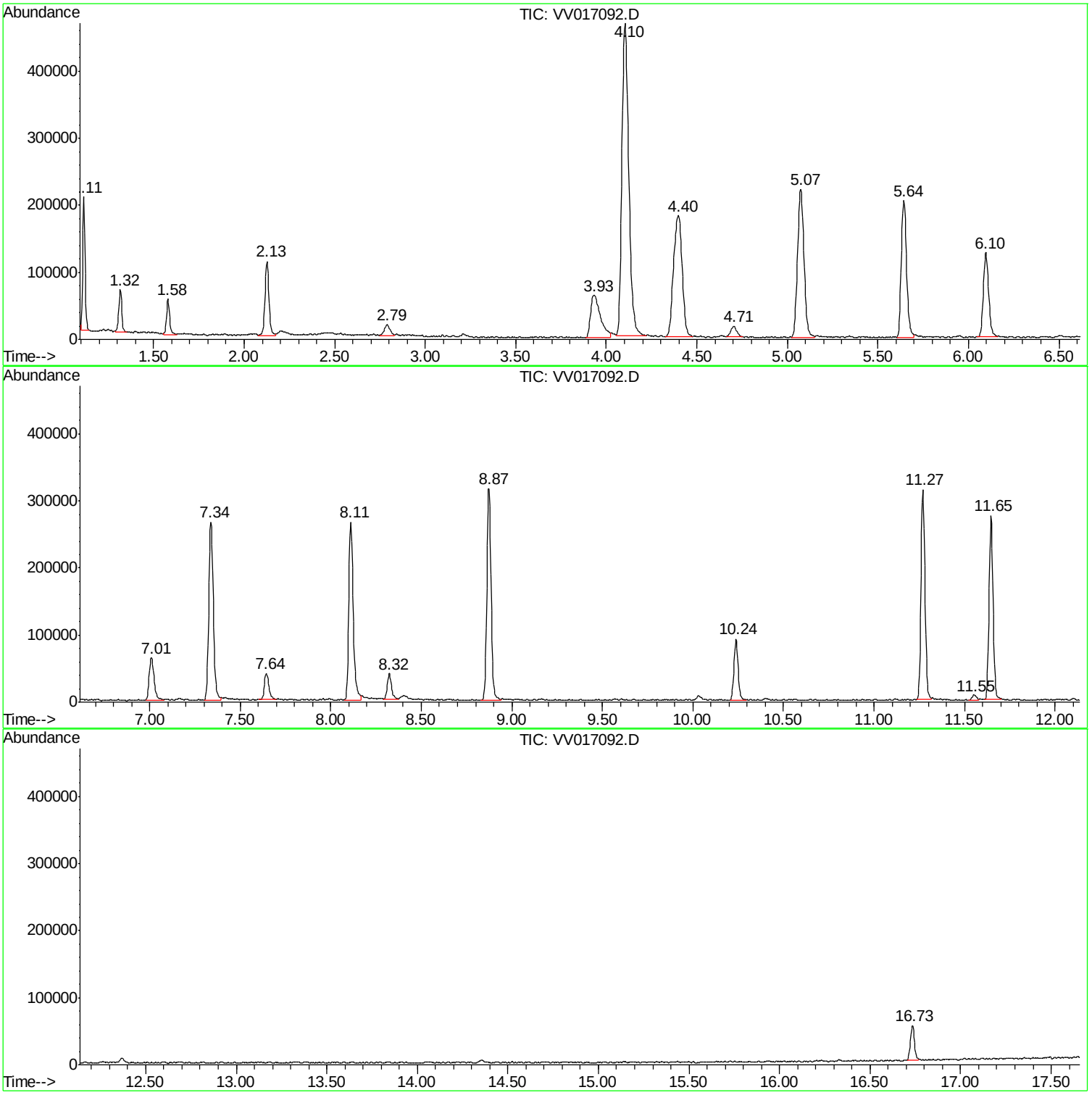
Operator : SY/MD
Sample : L3105-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL9

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 : VV017092.D
Acq On : 24 Jun 2020 23:29
Operator : SY/MD
Sample : L3105-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL9

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

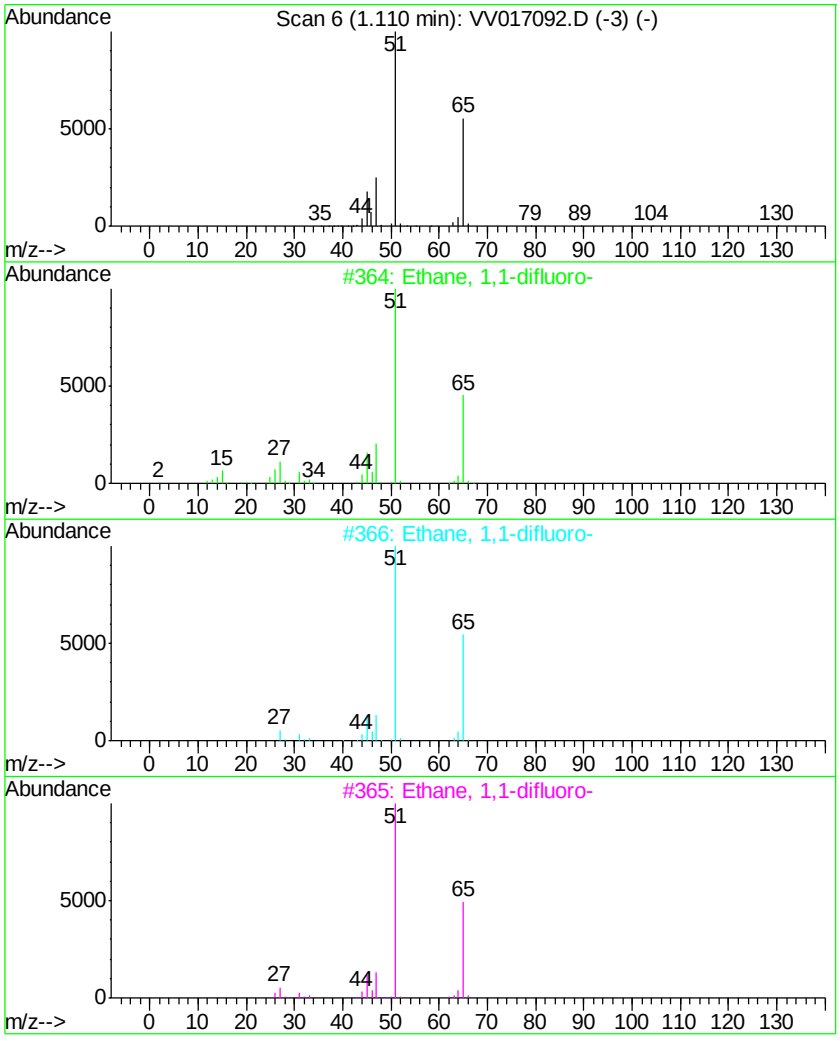
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

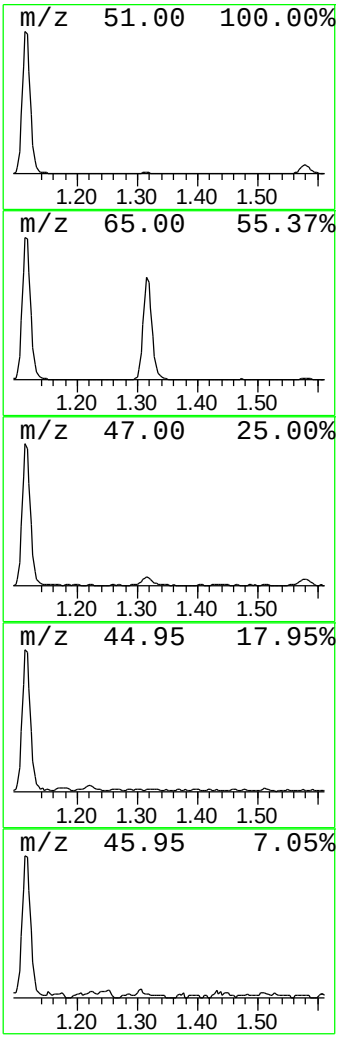
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	2.23 ug/L	183822	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 : VV017092.D
Acq On : 24 Jun 2020 23:29
Operator : SY/MD
Sample : L3105-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL9

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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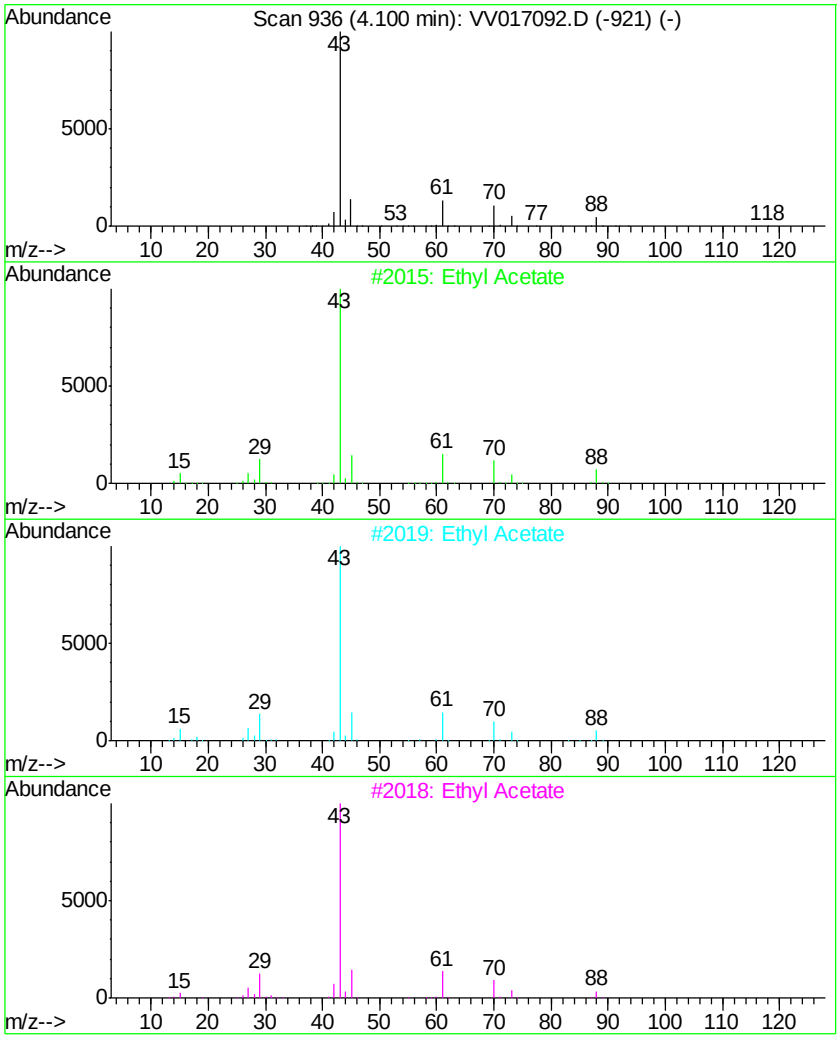
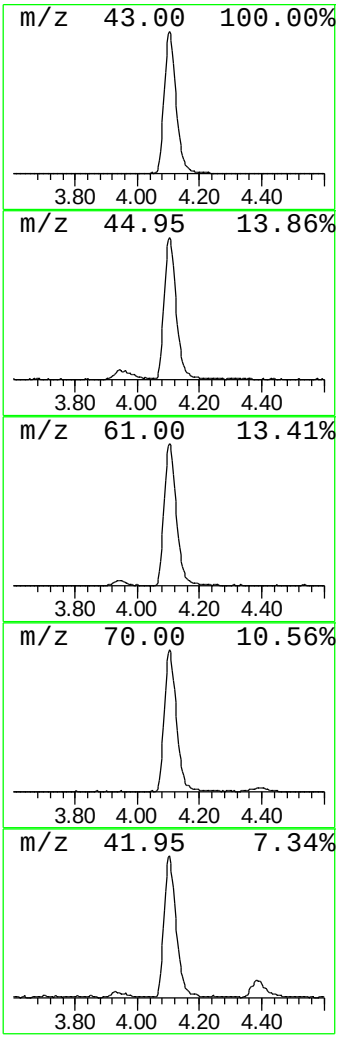
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	15.00 ug/L	1233920	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	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017092.D
Acq On : 24 Jun 2020 23:29
Operator : SY/MD
Sample : L3105-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL9

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

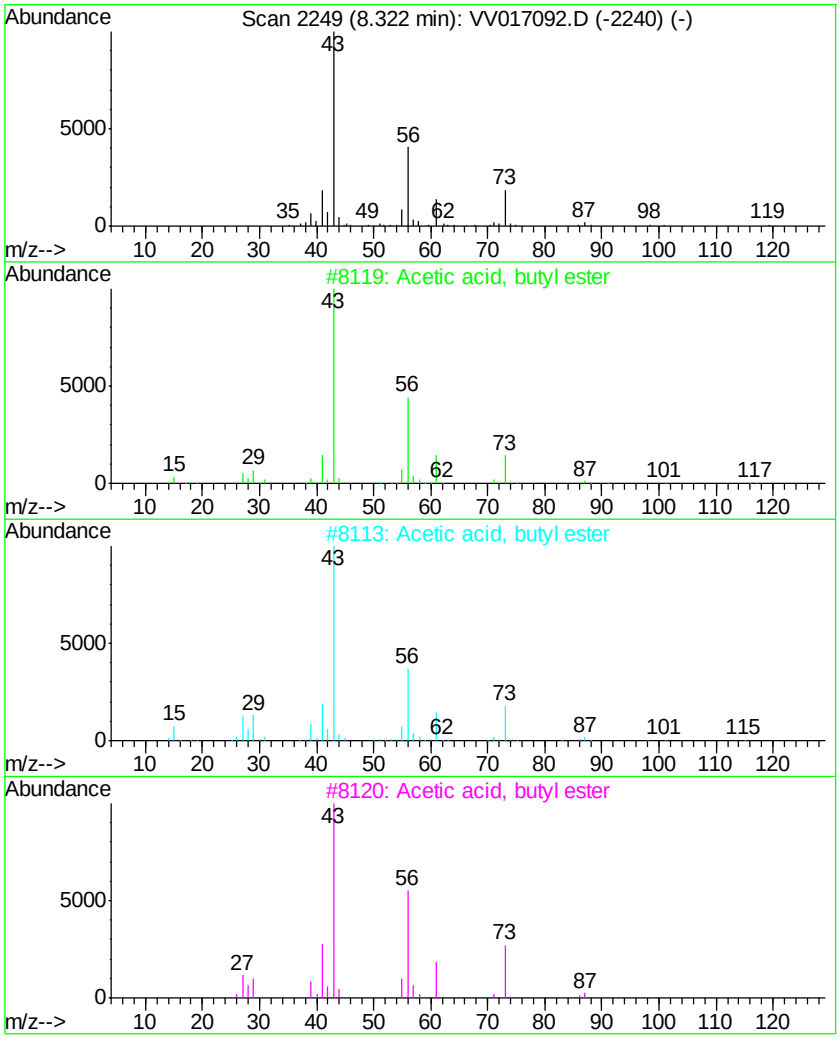
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

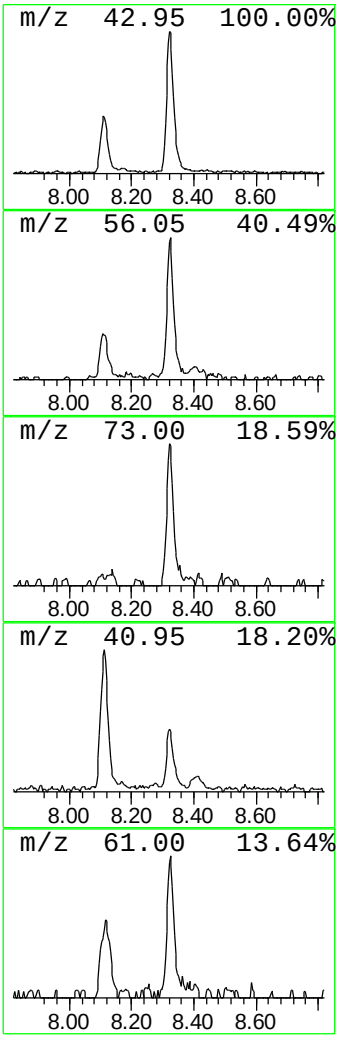
****

Peak Number 4 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.59 ug/L	60533	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	59
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	42
5	Isobutyl acetate	116	C6H12O2	000110-19-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017092.D
Acq On : 24 Jun 2020 23:29
Operator : SY/MD
Sample : L3105-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXL9

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

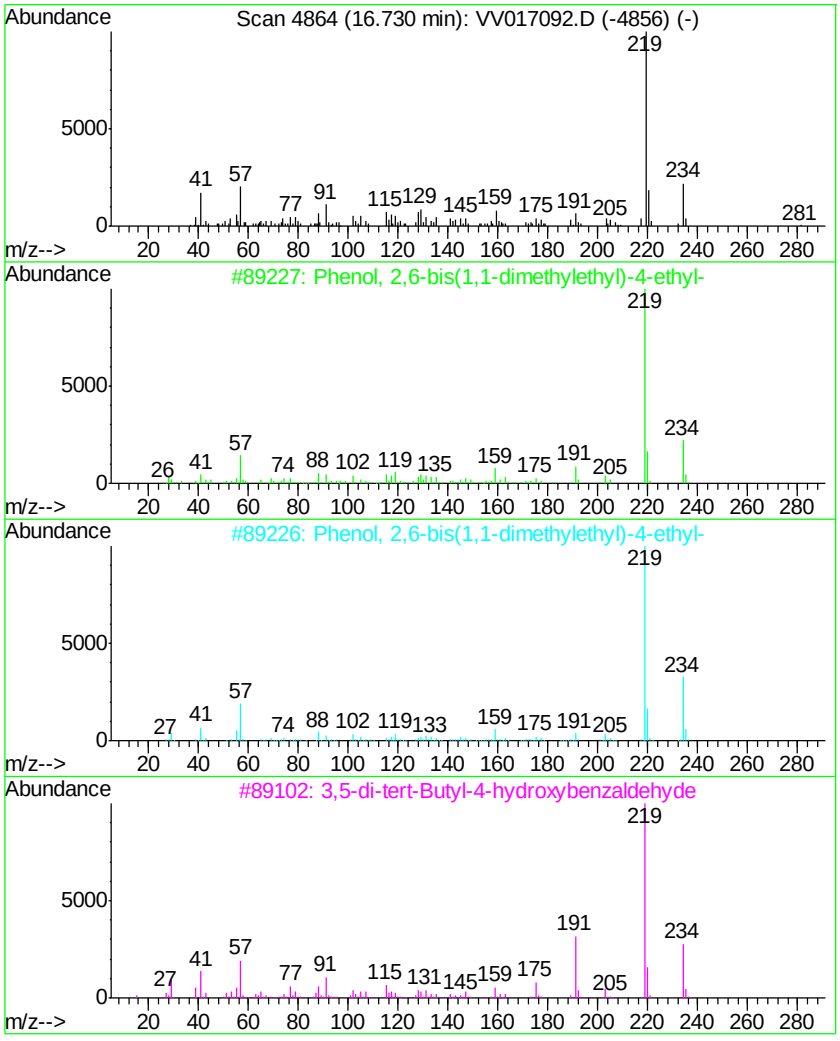
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

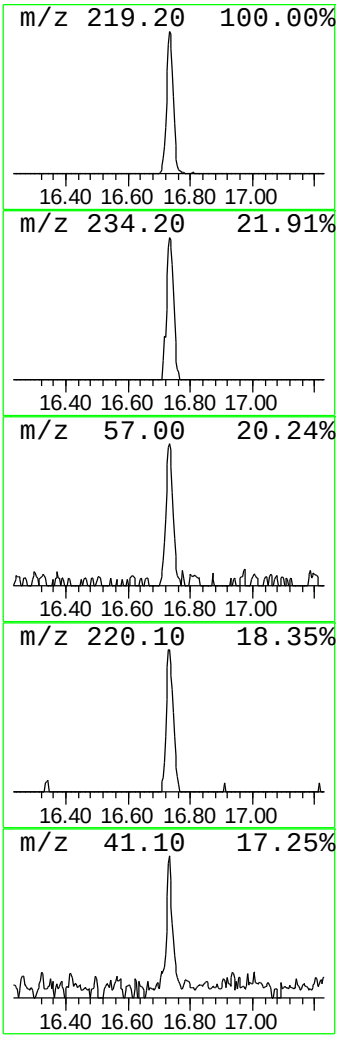
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	0.83 ug/L	78739	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	97
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017092.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	2.2	ug/L	183822	1	5.64	411377	5.0
Ethyl Acetate	4.10	15.0	ug/L	1233920	1	5.64	411377	5.0
Acetic acid, buty...	8.32	0.6	ug/L	60533	2	8.87	515389	5.0
Phenol, 2,6-bis(1...	16.73	0.8	ug/L	78739	3	11.27	472205	5.0