LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017093.D
Acq On : 24 Jun 2020 23:53
Operator : SY/MD
Sample : L3105-17
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM0

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	14	rVB	48079	44542	2.74%	0.668%
2	1.315	64	70	81	rVB	65522	71133	4.38%	1.067%
3	1.579	144	152	163	rBV	53921	63693	3.92%	0.955%
4	2.126	312	322	336	rBV	112824	167527	10.32%	2.513%
5	3.926	869	882	913	rBV3	75450	271665	16.73%	4.075%
6	4.100	920	936	967	rBV	634781	1623602	100.00%	24.357%
7	4.376	1006	1022	1046	rBV	112235	282036	17.37%	4.231%
8	4.701	1109	1123	1140	rBV10	10115	28513	1.76%	0.428%
9	5.074	1222	1239	1262	rBV3	227691	559009	34.43%	8.386%
10	5.643	1402	1416	1435	rBV	205536	417372	25.71%	6.261%
11	6.097	1542	1557	1575	rBV	131073	272720	16.80%	4.091%
12	7.010	1828	1841	1856	rBV	68585	123683	7.62%	1.855%
13	7.338	1931	1943	1962	rBV	265770	473268	29.15%	7.100%
14	7.646	2029	2039	2050	rBV2	41114	71704	4.42%	1.076%
15	8.109	2169	2183	2207	rBV	273573	472768	29.12%	7.092%
16	8.322	2241	2249	2266	rVV2	35391	56798	3.50%	0.852%
17	8.875	2408	2421	2442	rBV	317829	519421	31.99%	7.792%
18	10.238	2833	2845	2857	rBV	96226	151535	9.33%	2.273%
19	11.270	3153	3166	3183	rBV	312732	485093	29.88%	7.277%
20	11.646	3270	3283	3298	rBV	279715	439737	27.08%	6.597%
21	16.733	4855	4865	4875	rBV3	45378	70138	4.32%	1.052%

Sum of corrected areas: 6665957

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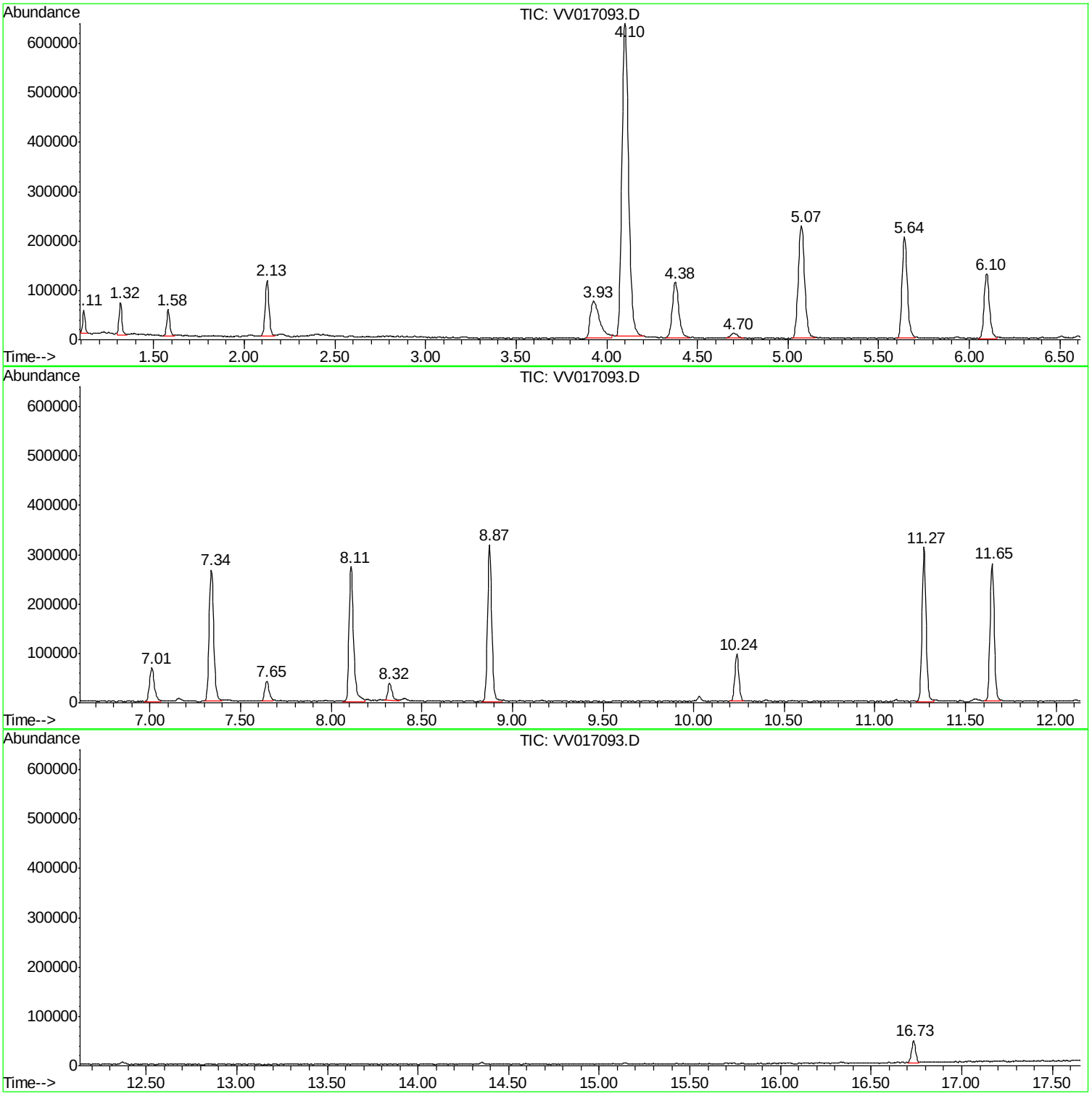
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXM0

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 : VV017093.D
Acq On : 24 Jun 2020 23:53
Operator : SY/MD
Sample : L3105-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM0

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

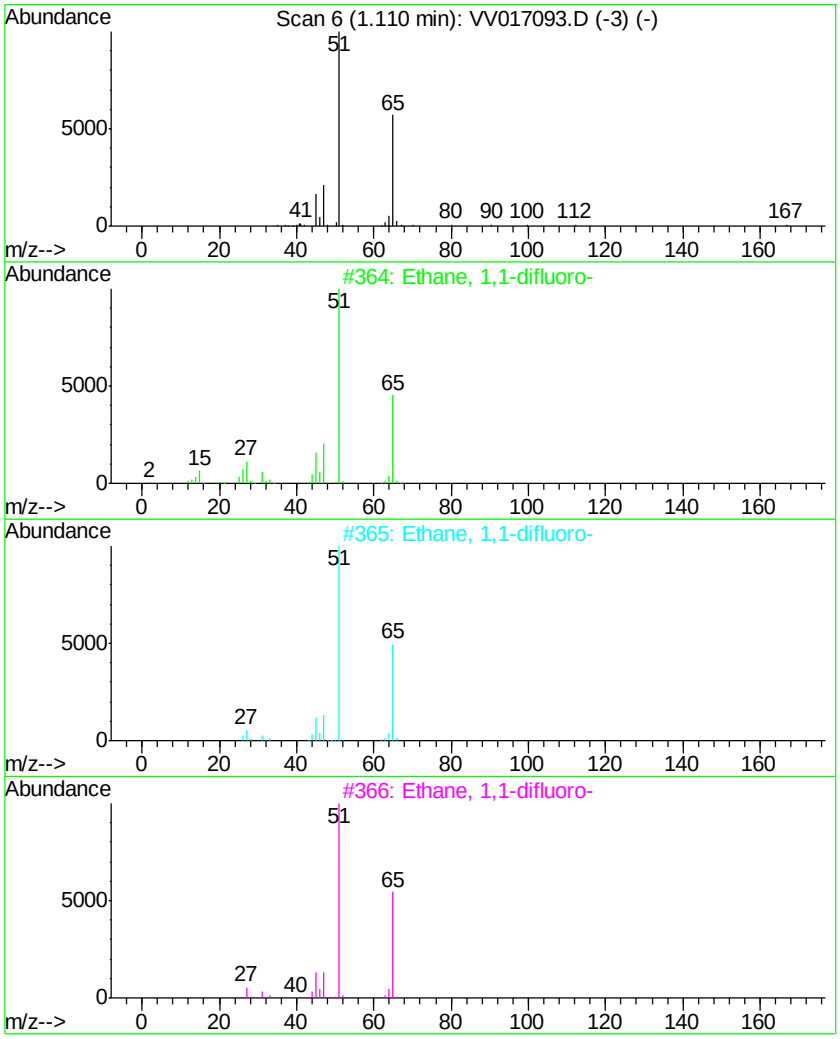
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

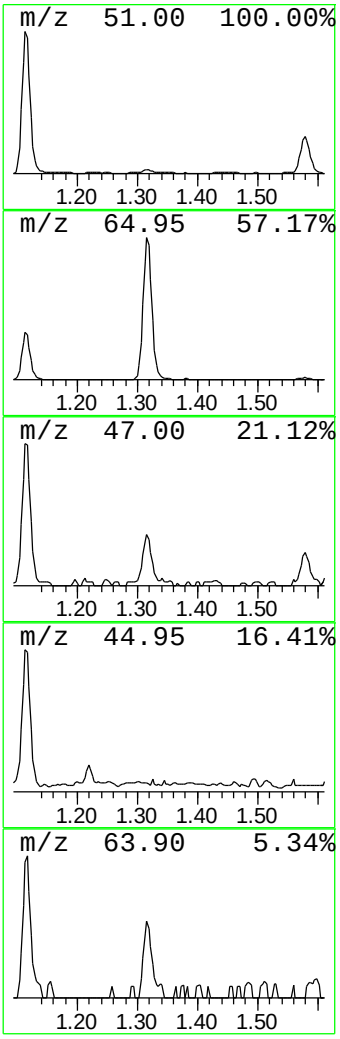
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	0.53 ug/L	44542	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	83
4	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	9
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4





Library Search Compound Report

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Data File : VV017093.D
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Operator : SY/MD
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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM0

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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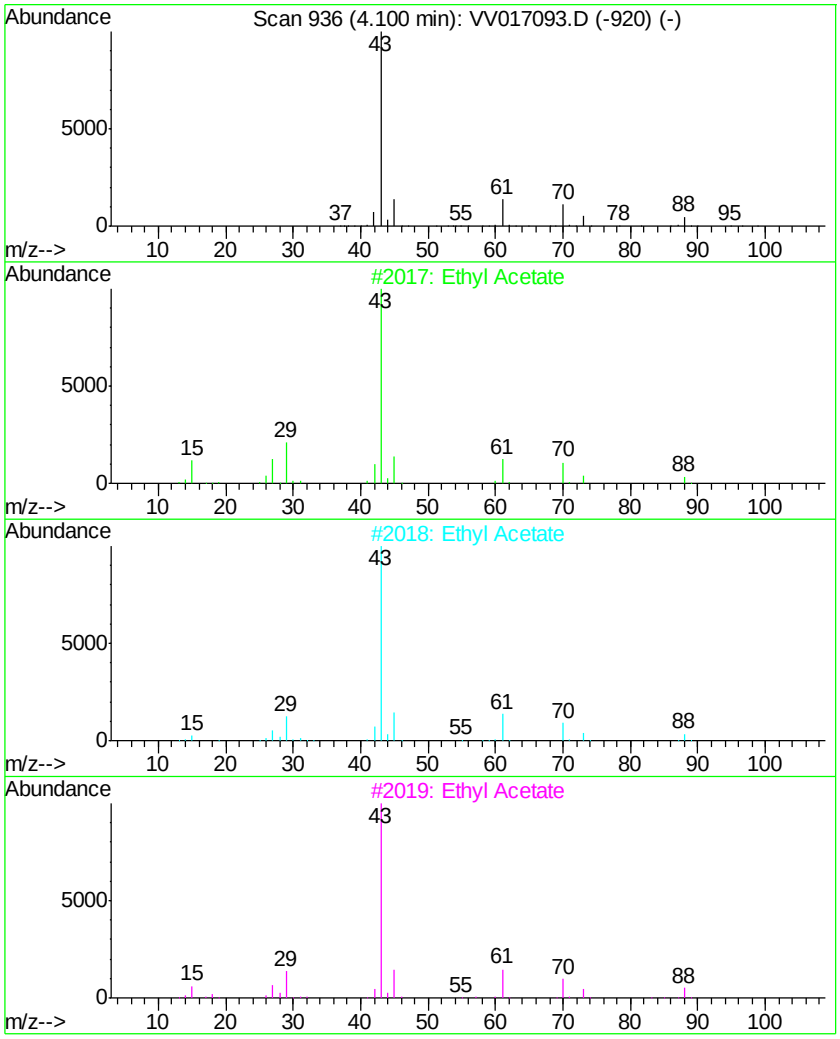
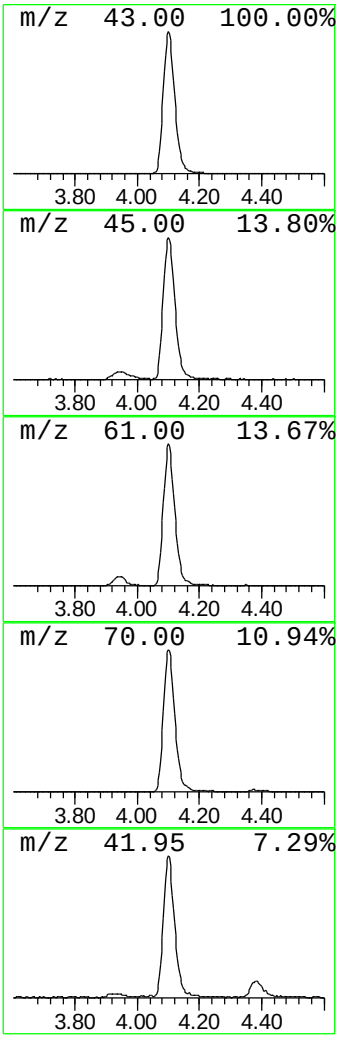
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	19.45 ug/L	1623600	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	64
4	Ethyl Acetate	88	C4H8O2	000141-78-6	56
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50





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Data File : VV017093.D
Acq On : 24 Jun 2020 23:53
Operator : SY/MD
Sample : L3105-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM0

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

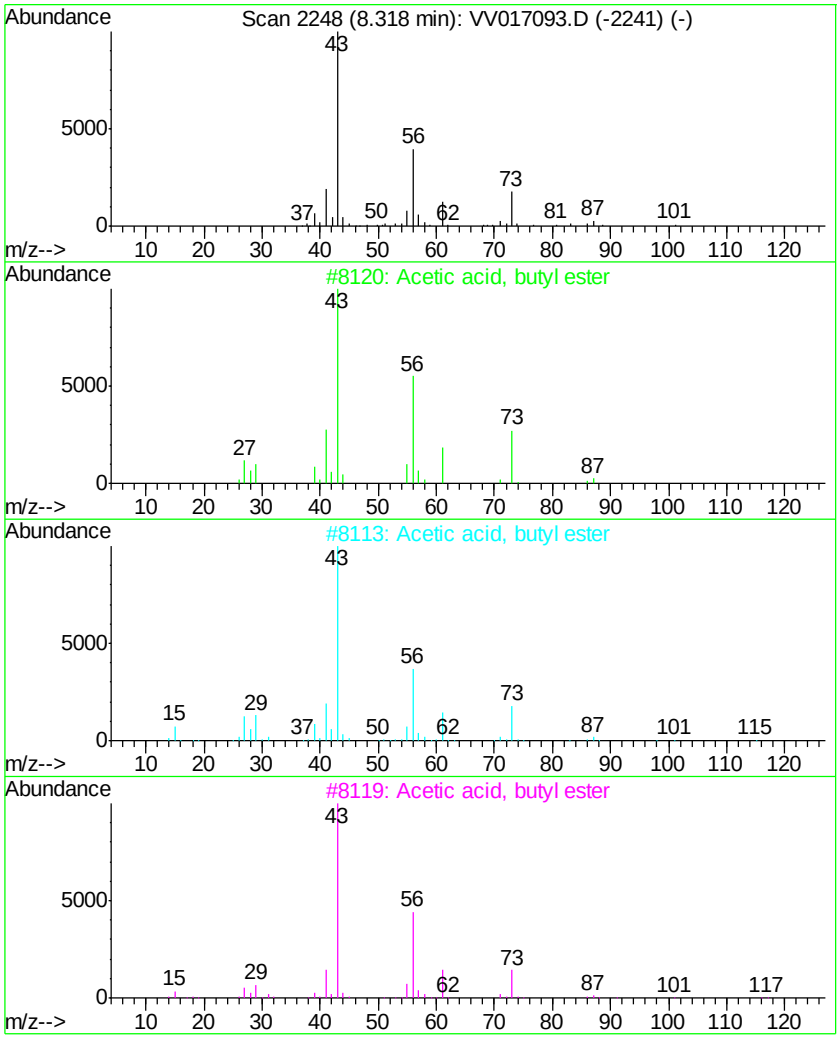
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

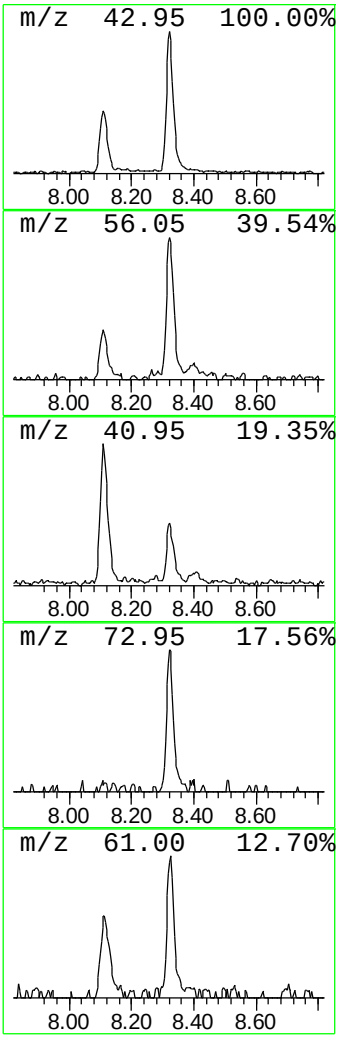
****

Peak Number 4 Acetic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.55 ug/L	56798	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	90
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
5	Isobutyl acetate	116	C6H12O2	000110-19-0	56





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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM0

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

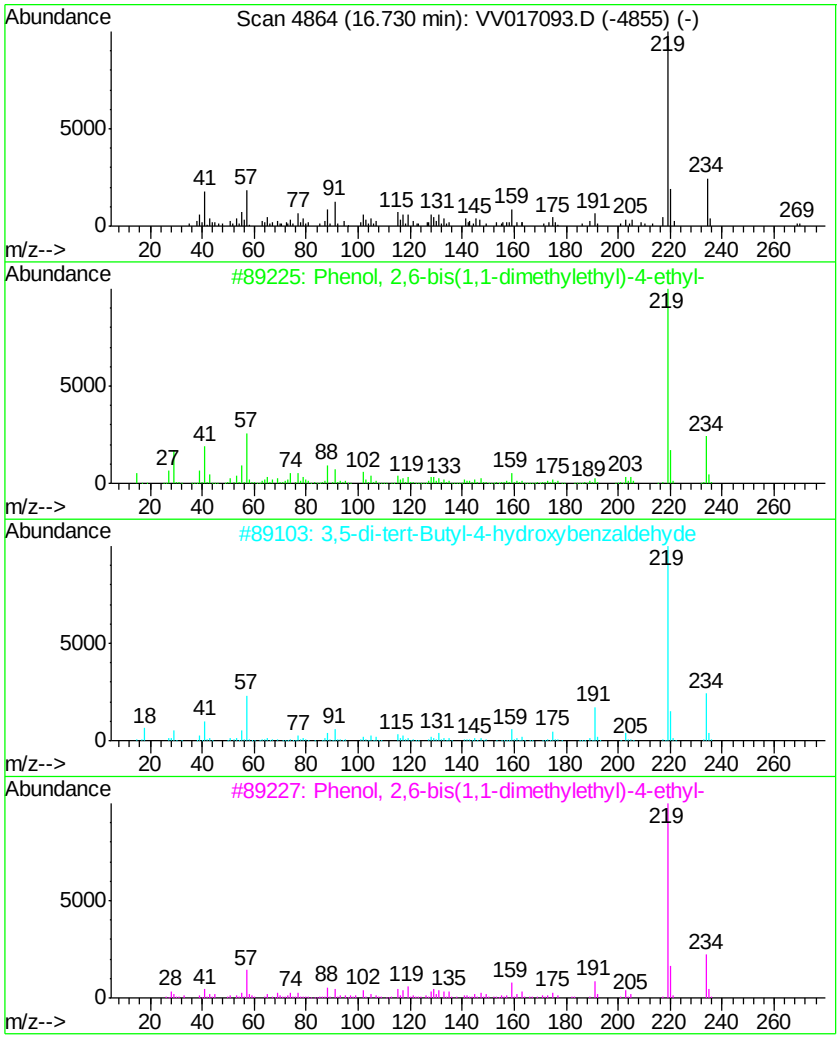
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

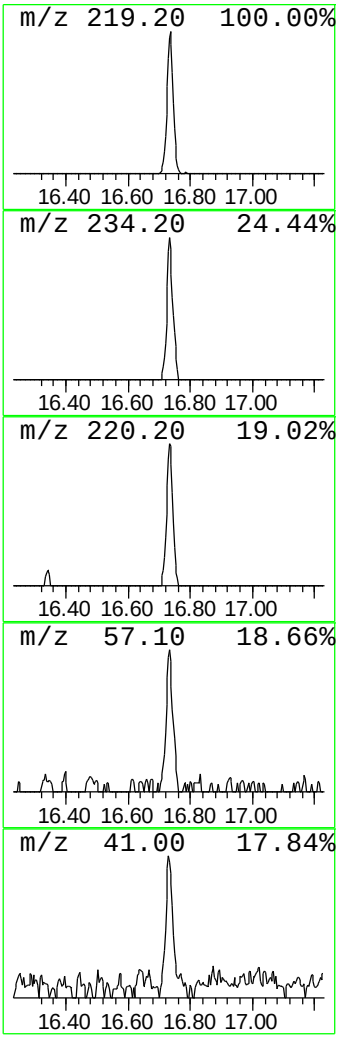
****

Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	0.72 ug/L	70138	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	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
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\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	0.5	ug/L	44542	1	5.64	417372	5.0
Ethyl Acetate	4.10	19.4	ug/L	1623600	1	5.64	417372	5.0
Acetic acid, buty...	8.32	0.6	ug/L	56798	2	8.87	519421	5.0
Phenol, 2,6-bis(1...	16.73	0.7	ug/L	70138	3	11.27	485093	5.0