LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
Data File : VV010608.D
Acq On : 01 May 2019 16:55
Operator : SY/MD
Sample : K2590-03
Misc : 25mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X88

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\SOMVTR050119WMA.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	1.116	3	8	19	rVB	21992	23197	8.87%	0.908%
2	1.219	30	40	49	rBV2	14656	27639	10.56%	1.082%
3	1.319	62	71	84	rVB	38759	42299	16.17%	1.655%
4	1.515	129	132	136	rVB2	4187	3206	1.23%	0.125%
5	1.566	141	148	159	rVB	25825	30112	11.51%	1.178%
6	1.762	204	209	222	rVB4	2881	3675	1.40%	0.144%
7	2.126	312	322	333	rVV	64056	89283	34.12%	3.494%
8	2.190	333	342	354	rVB	12819	18751	7.17%	0.734%
9	2.315	371	381	391	rBV3	5080	8889	3.40%	0.348%
10	2.653	476	486	493	rBV3	2889	5418	2.07%	0.212%
11	3.936	872	885	909	rBV2	35737	99343	37.97%	3.888%
12	4.132	935	946	963	rBV2	9258	23163	8.85%	0.907%
13	4.399	1013	1029	1052	rBV2	42946	113782	43.49%	4.453%
14	5.093	1227	1245	1268	rBV3	108287	261646	100.00%	10.240%
15	5.662	1409	1422	1440	rBV2	86582	175017	66.89%	6.850%
16	5.958	1501	1514	1538	rBV2	124491	245513	93.83%	9.609%
17	6.116	1550	1563	1583	rBV	60142	119780	45.78%	4.688%
18	7.029	1836	1847	1862	rBV2	29341	51934	19.85%	2.033%
19	7.357	1937	1949	1967	rBV	124977	221476	84.65%	8.668%
20	7.666	2035	2045	2058	rVB2	17163	28398	10.85%	1.111%
21	8.019	2146	2155	2172	rVB5	8316	14555	5.56%	0.570%
22	8.132	2178	2190	2209	rBV	145988	243186	92.94%	9.518%
23	8.894	2416	2427	2451	rBV	139330	229020	87.53%	8.963%
24	10.260	2842	2852	2863	rBV	42999	66756	25.51%	2.613%
25	10.424	2894	2903	2917	rVB4	1885	2810	1.07%	0.110%
26	11.296	3163	3174	3193	rBV	117369	191351	73.13%	7.489%
27	11.546	3249	3252	3255	rBV	7046	4142	1.58%	0.162%
28	11.582	3255	3263	3279	rVV3	12142	21300	8.14%	0.834%
29	11.672	3279	3291	3307	rVB	118575	189478	72.42%	7.416%

Sum of corrected areas: 2555119

LSC Report - Integrated Chromatogram

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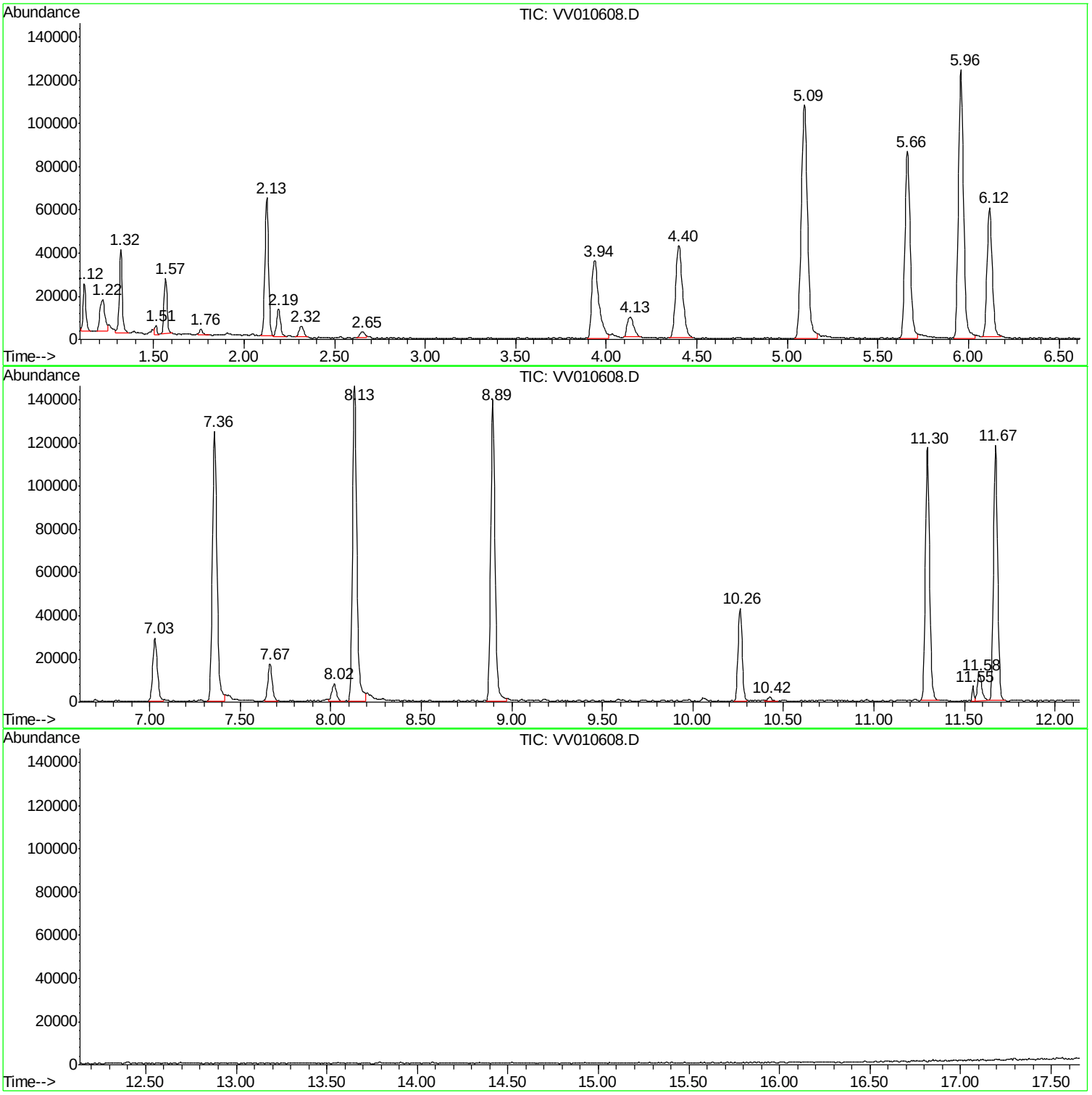
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.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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Operator : SY/MD
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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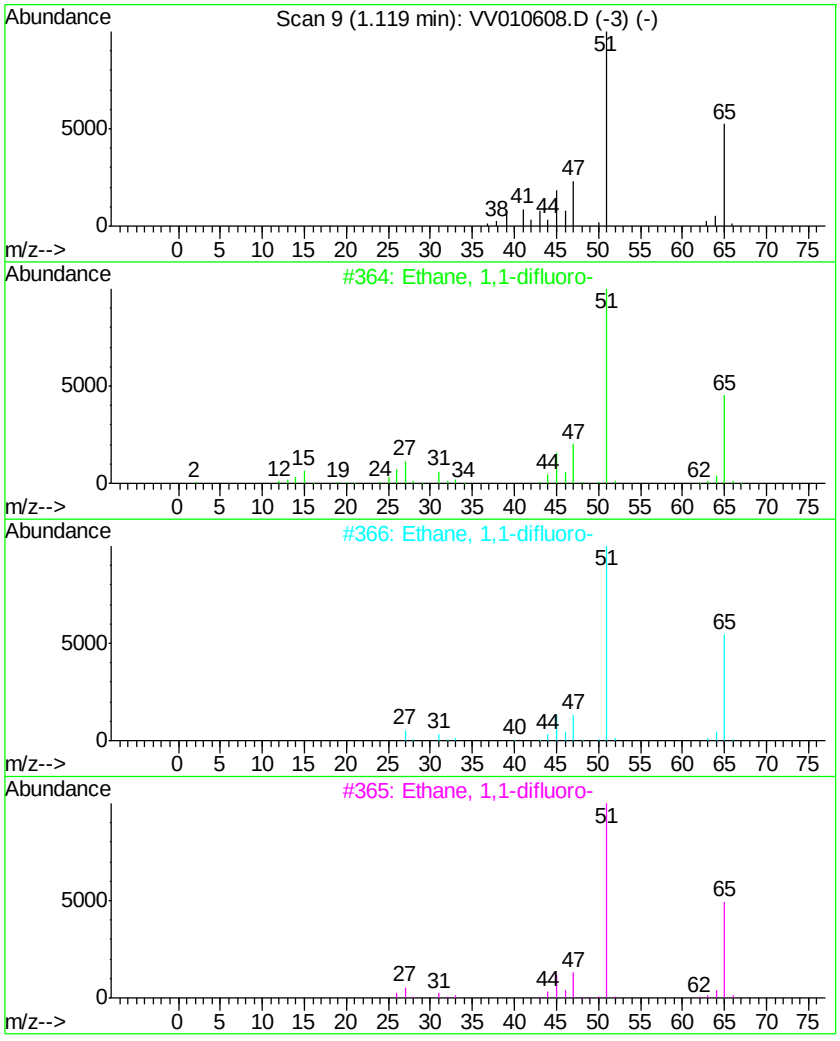
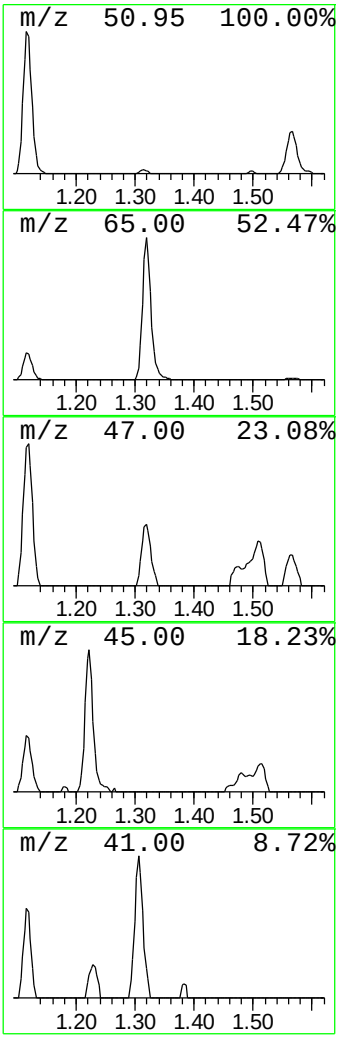
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.66 ug/L	23197	1,4-Difluorobenzene	5.66

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	90
4	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5	Propiolonitrile	51	C3HN	001070-71-9	3





Library Search Compound Report

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Acq On : 01 May 2019 16:55
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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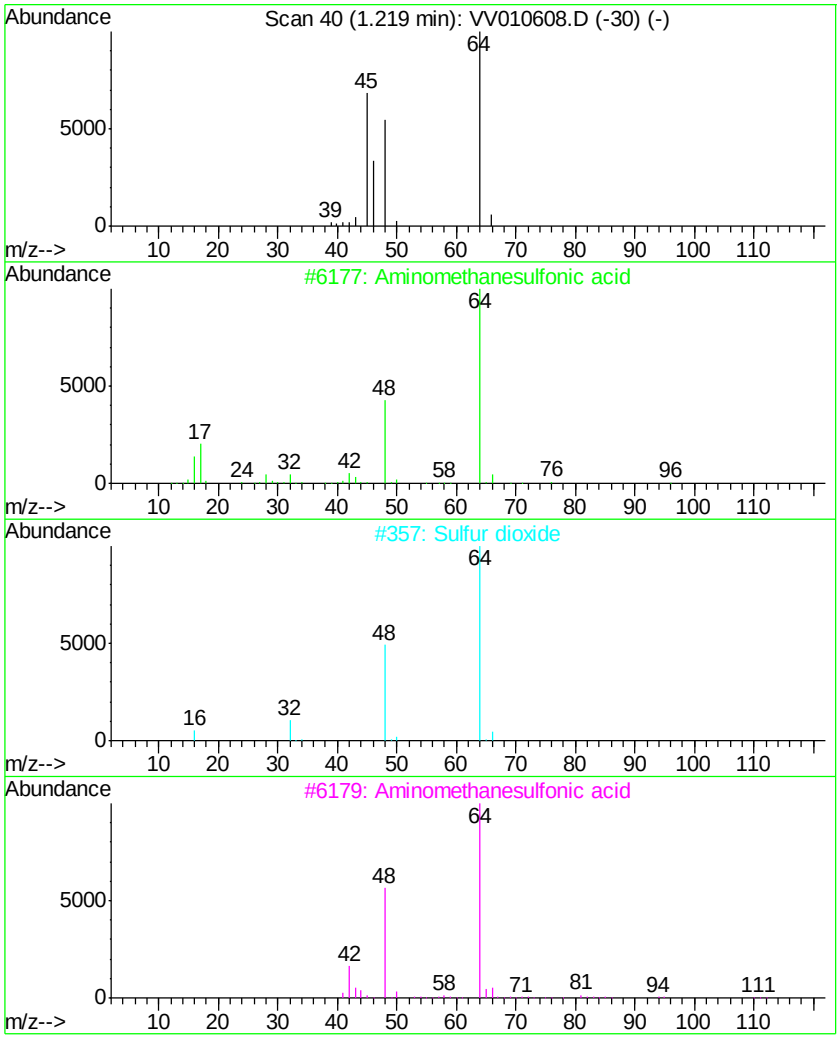
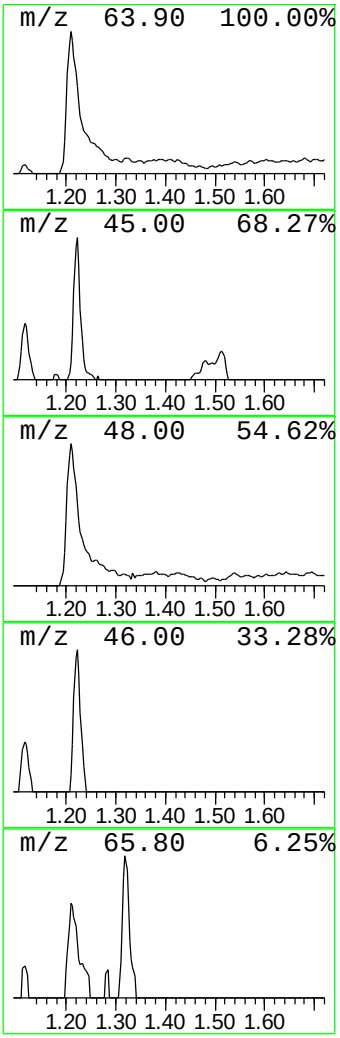
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	0.79 ug/L	27639	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	56
2	Sulfur dioxide	64	O2S	007446-09-5	56
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	40
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7





Library Search Compound Report

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Data File : VV010608.D
Acq On : 01 May 2019 16:55
Operator : SY/MD
Sample : K2590-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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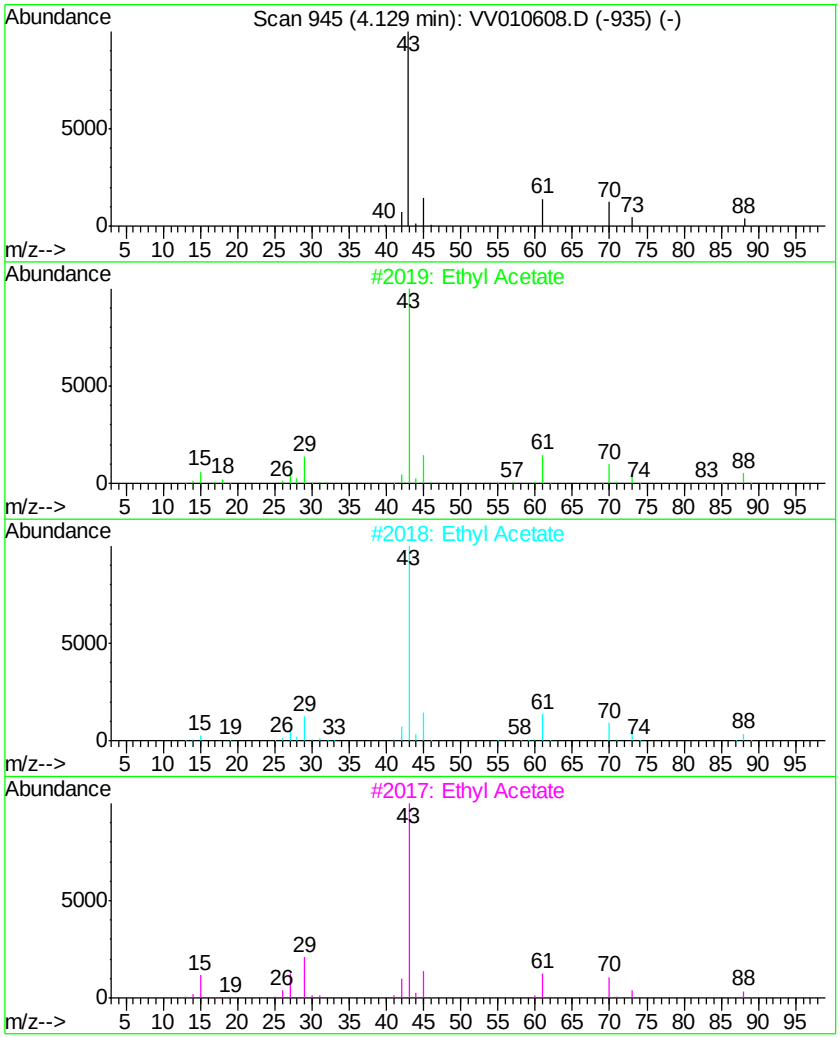
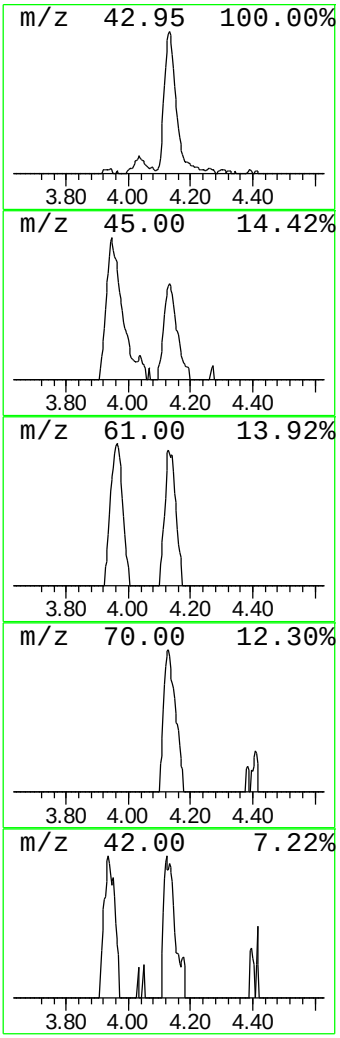
Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.66 ug/L	23163	1,4-Difluorobenzene	5.66

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	83
3	Ethyl Acetate	88	C4H8O2	000141-78-6	74
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
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Operator : SY/MD
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0

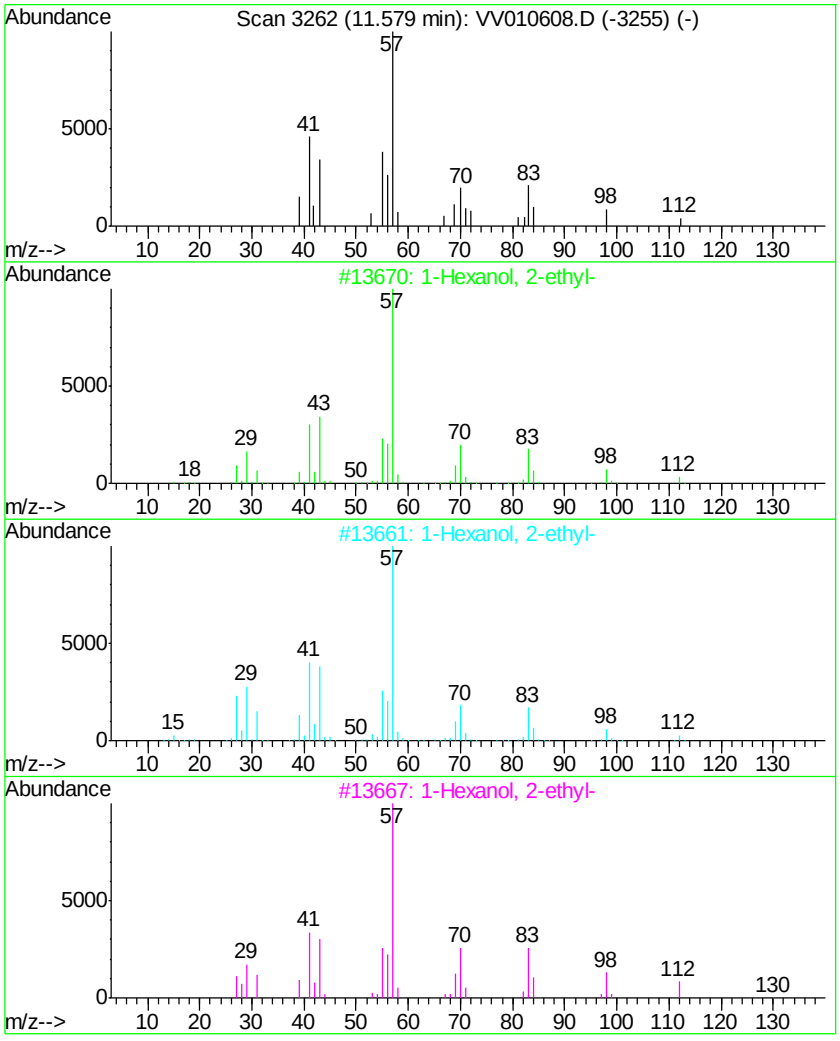
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

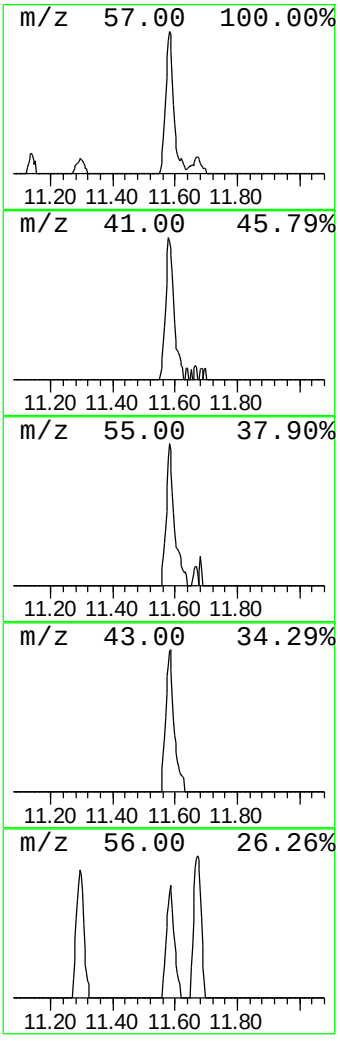
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.56 ug/L	21300	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
4	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	43
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Data File : VV010608.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
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...	1.12	0.7	ug/L	23197	1	5.66	175017	5.0
Aminomethanesulfo...	1.22	0.8	ug/L	27639	1	5.66	175017	5.0
Ethyl Acetate	4.13	0.7	ug/L	23163	1	5.66	175017	5.0
1-Hexanol, 2-ethyl-	11.58	0.6	ug/L	21300	3	11.30	191351	5.0