LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
Data File : VV010463.D
Acq On : 24 Apr 2019 15:27
Operator : SY/MD
Sample : K2436-10
Misc : 25mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA4

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\SOMVTR042419WMA.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	1.119	3	9	20	rVB	103820	111508	7.91%	1.200%
2	1.213	31	38	62	rBV2	96734	198747	14.11%	2.140%
3	1.319	63	71	84	rVB	114706	133463	9.47%	1.437%
4	1.582	146	153	167	rVB	79823	95556	6.78%	1.029%
5	1.727	192	198	204	rBV	20482	24953	1.77%	0.269%
6	1.772	204	212	223	rVB	95448	124245	8.82%	1.338%
7	2.132	313	324	334	rBV	203955	289027	20.51%	3.112%
8	2.193	336	343	356	rVB	30038	46765	3.32%	0.503%
9	2.312	371	380	394	rVB	29277	47248	3.35%	0.509%
10	3.958	876	892	911	rBV3	205400	540832	38.38%	5.823%
11	4.145	937	950	973	rBV	87066	207435	14.72%	2.233%
12	4.402	1013	1030	1053	rBV	143909	339648	24.11%	3.657%
13	5.093	1228	1245	1268	rBV3	324417	755748	53.64%	8.136%
14	5.666	1407	1423	1447	rBV	262315	539476	38.29%	5.808%
15	5.958	1499	1514	1548	rBV	714975	1408976	100.00%	15.169%
16	6.119	1551	1564	1584	rVB	172606	348275	24.72%	3.749%
17	7.032	1836	1848	1875	rBV2	86029	162562	11.54%	1.750%
18	7.360	1937	1950	1969	rBV	365095	667814	47.40%	7.190%
19	7.666	2034	2045	2060	rBV3	52080	91378	6.49%	0.984%
20	8.019	2147	2155	2170	rVB3	20311	36380	2.58%	0.392%
21	8.138	2180	2192	2220	rBV	338972	695143	49.34%	7.484%
22	8.897	2413	2428	2451	rBV	388313	683749	48.53%	7.361%
23	10.261	2838	2852	2874	rVB2	131528	213941	15.18%	2.303%
24	11.148	3115	3128	3140	rBV3	10968	17301	1.23%	0.186%
25	11.296	3162	3174	3200	rBV	385208	670852	47.61%	7.222%
26	11.585	3252	3264	3279	rBV	92397	173034	12.28%	1.863%
27	11.672	3280	3291	3316	rVB	388365	664593	47.17%	7.155%

Sum of corrected areas: 9288649

LSC Report - Integrated Chromatogram

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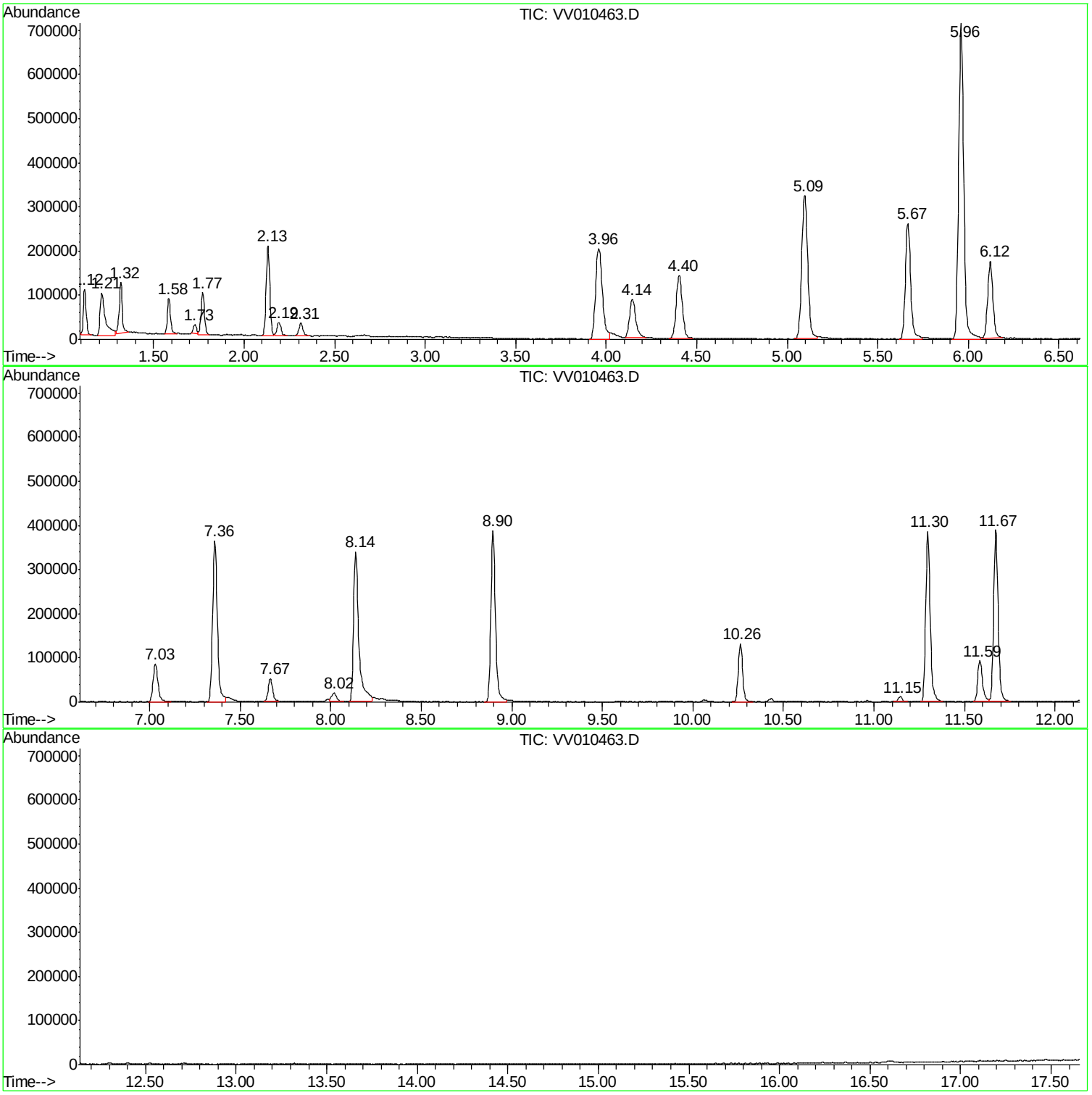
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\
Data File : VV010463.D
Acq On : 24 Apr 2019 15:27
Operator : SY/MD
Sample : K2436-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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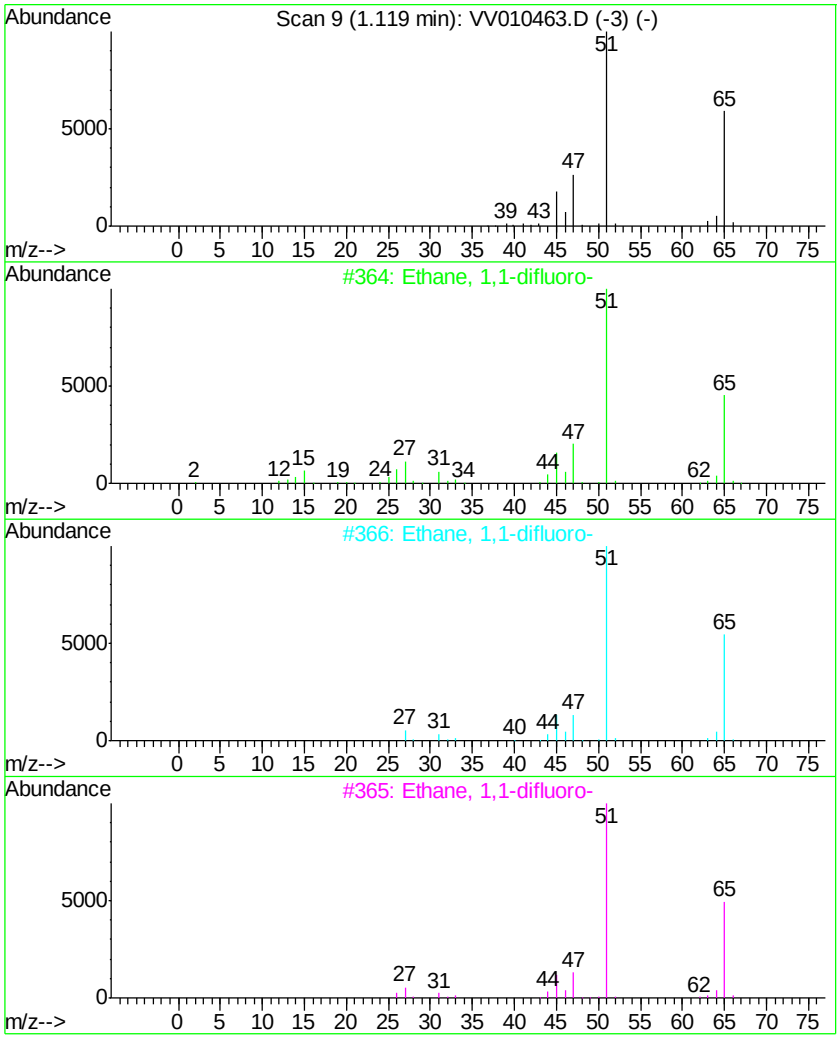
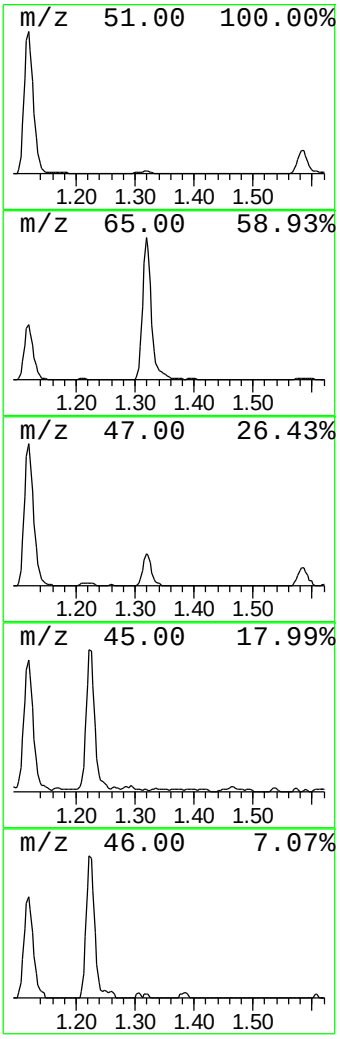
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.03 ug/L	111508	1,4-Difluorobenzene	5.67

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





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Sample : K2436-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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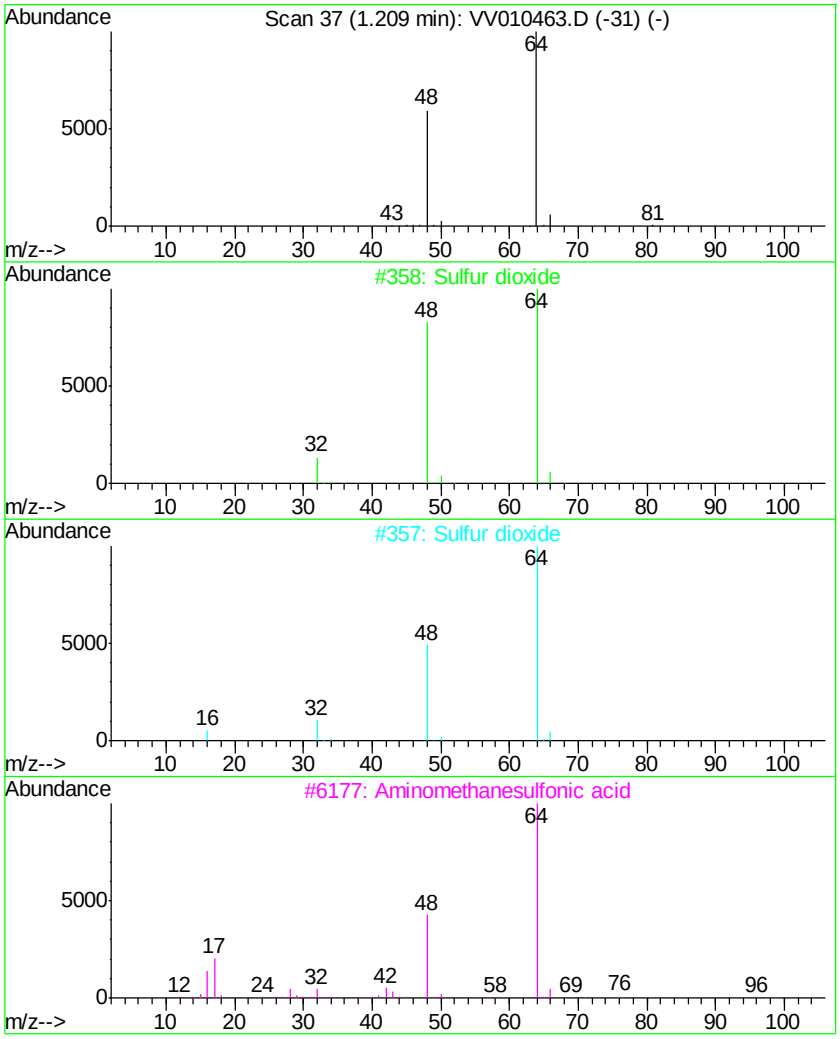
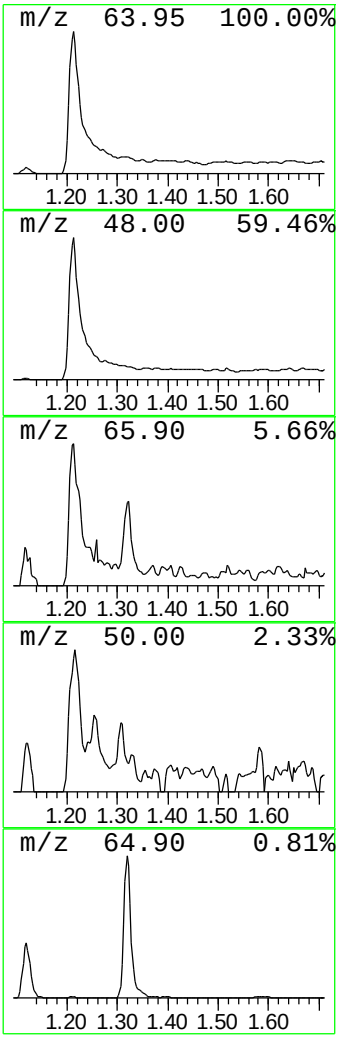
Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	1.84 ug/L	198747	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\
Data File : VV010463.D
Acq On : 24 Apr 2019 15:27
Operator : SY/MD
Sample : K2436-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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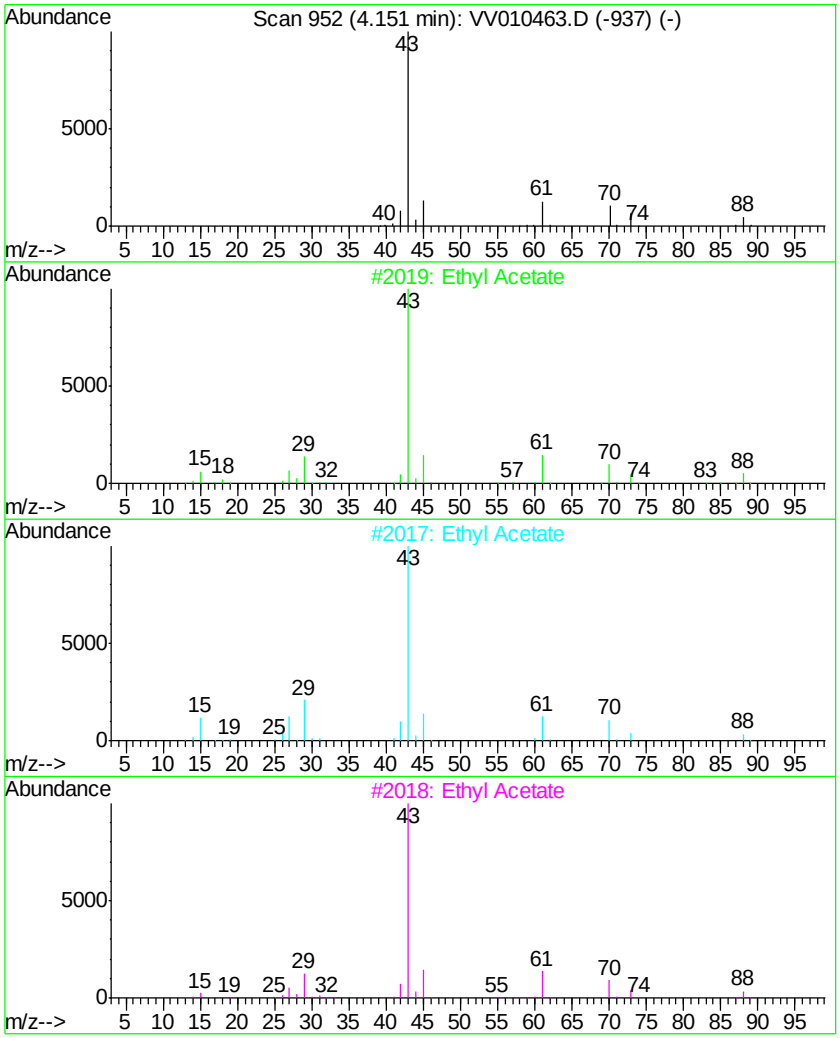
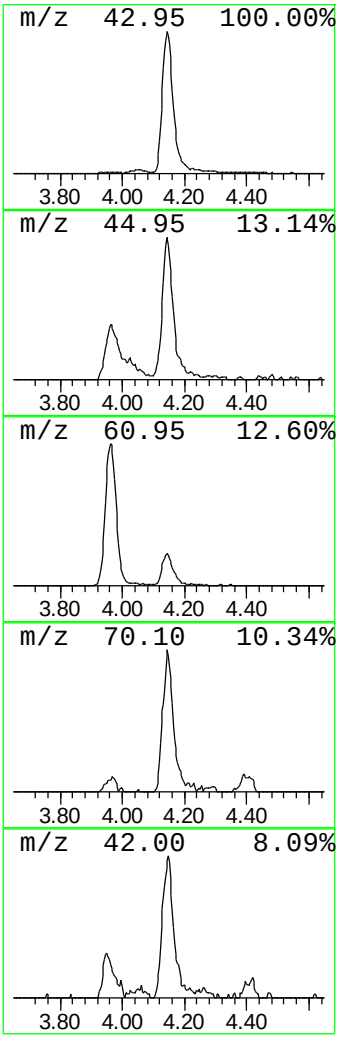
Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	1.92 ug/L	207435	1,4-Difluorobenzene	5.67

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	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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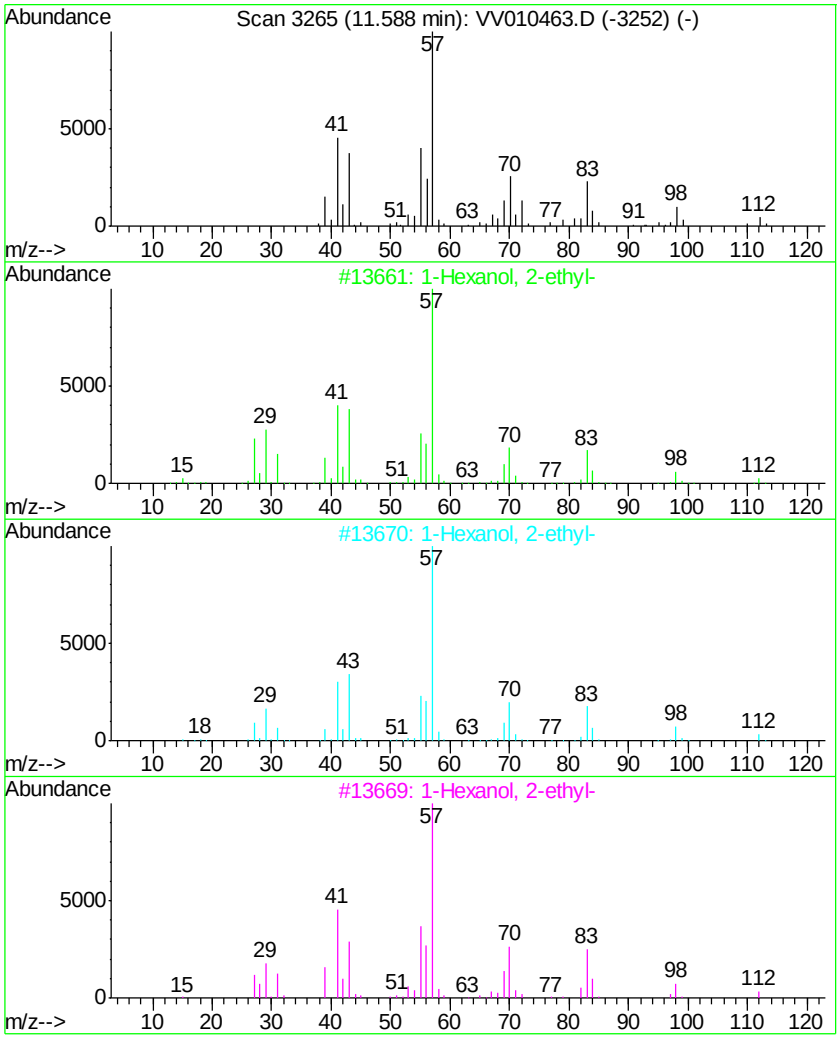
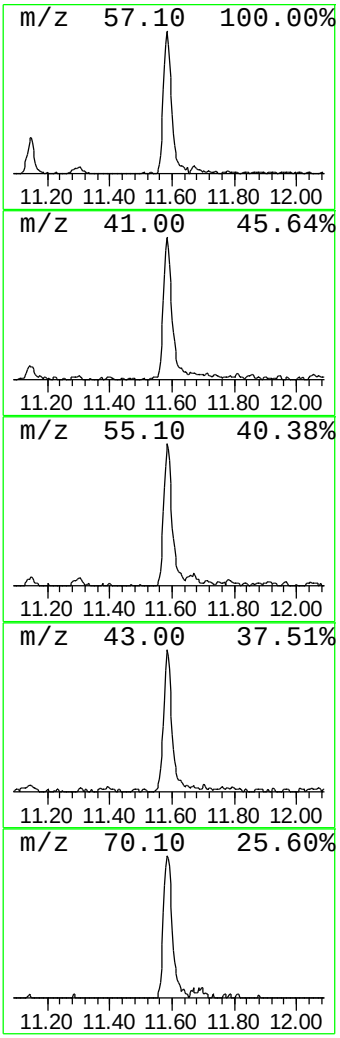
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	1.29 ug/L	173034	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\
Data File : VV010463.D
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Sample : K2436-10
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.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	1.0	ug/L	111508	1	5.67	539476	5.0
Sulfur dioxide	1.21	1.8	ug/L	198747	1	5.67	539476	5.0
Ethyl Acetate	4.15	1.9	ug/L	207435	1	5.67	539476	5.0
1-Hexanol, 2-ethyl-	11.59	1.3	ug/L	173034	3	11.30	670852	5.0