LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
Data File : VV010611.D
Acq On : 01 May 2019 18:11
Operator : SY/MD
Sample : K2590-08
Misc : 25mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X99

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	46813	44142	16.51%	1.768%
2	1.222	31	41	51	rBV3	9345	12307	4.60%	0.493%
3	1.319	62	71	82	rVB	40199	42631	15.94%	1.708%
4	1.569	141	149	159	rBV	26112	31230	11.68%	1.251%
5	2.126	311	322	333	rVB	65817	91218	34.12%	3.654%
6	2.190	333	342	351	rBV	9224	13580	5.08%	0.544%
7	2.315	368	381	392	rVB	10243	17802	6.66%	0.713%
8	2.656	475	487	500	rBV	3285	6765	2.53%	0.271%
9	3.933	870	884	910	rBV	36659	100931	37.75%	4.044%
10	4.129	928	945	965	rBV2	12980	32215	12.05%	1.291%
11	4.399	1012	1029	1053	rBV3	44143	117176	43.83%	4.694%
12	5.097	1226	1246	1267	rBV2	109952	267363	100.00%	10.711%
13	5.663	1408	1422	1441	rBV2	88164	176144	65.88%	7.057%
14	5.958	1502	1514	1533	rBV	46311	91365	34.17%	3.660%
15	6.116	1550	1563	1583	rBV2	62305	125042	46.77%	5.009%
16	7.029	1836	1847	1861	rBV	28976	50872	19.03%	2.038%
17	7.360	1938	1950	1967	rBV	128548	228536	85.48%	9.156%
18	7.431	1967	1972	1988	rVB4	4773	8558	3.20%	0.343%
19	7.662	2032	2044	2063	rBV2	18044	28609	10.70%	1.146%
20	8.132	2179	2190	2209	rBV	149278	249499	93.32%	9.995%
21	8.894	2415	2427	2449	rBV	135019	227553	85.11%	9.116%
22	10.260	2840	2852	2868	rBV	45379	70965	26.54%	2.843%
23	10.424	2895	2903	2912	rVB4	3385	5410	2.02%	0.217%
24	11.138	3117	3125	3136	rVB2	4540	6797	2.54%	0.272%
25	11.296	3162	3174	3192	rBV	114955	188813	70.62%	7.564%
26	11.579	3252	3262	3280	rBV2	32758	58583	21.91%	2.347%
27	11.672	3280	3291	3307	rVB	126313	202022	75.56%	8.093%

Sum of corrected areas: 2496128

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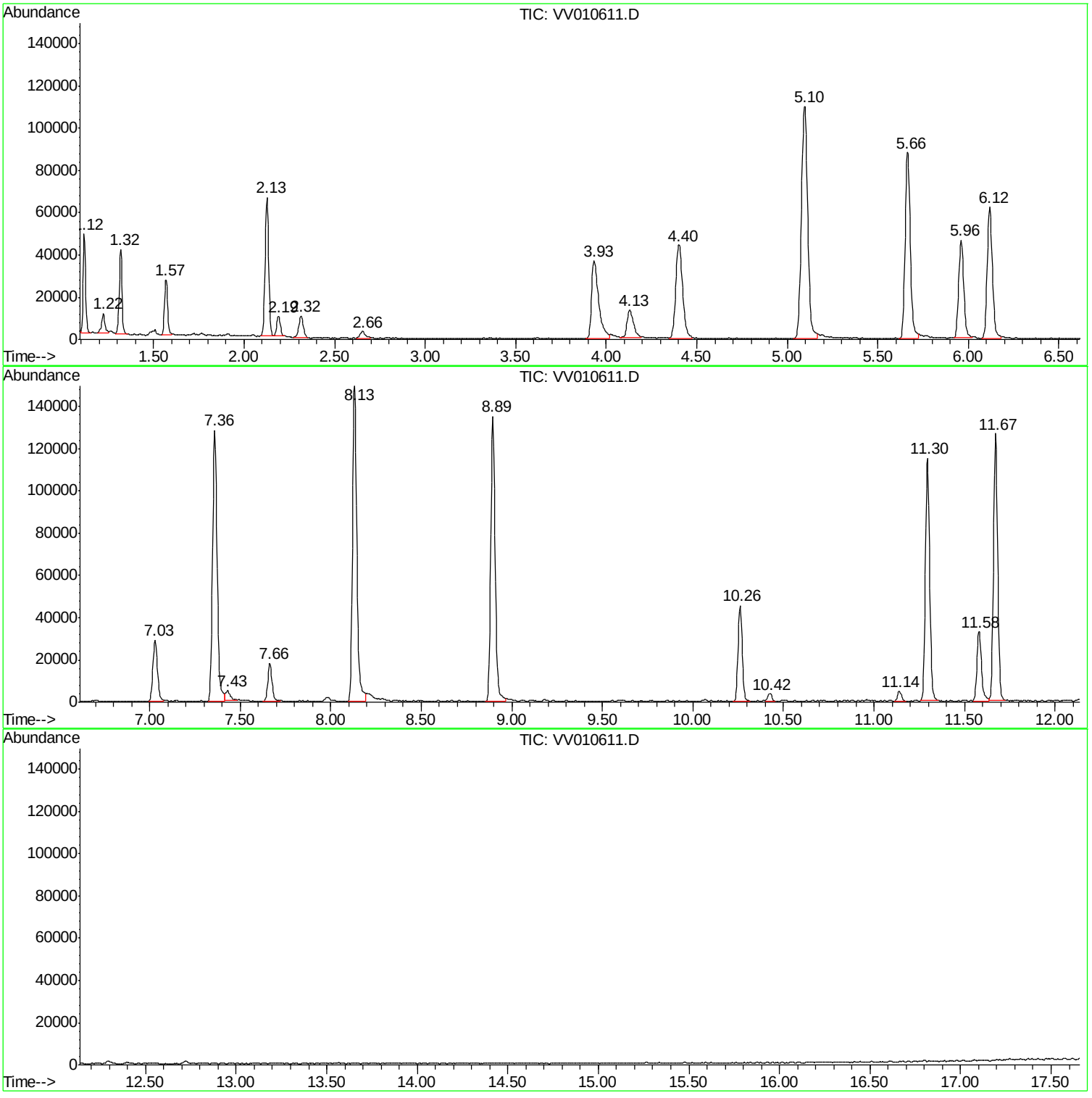
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X99

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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Quant Title : TRACE VOA SOM01.0

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

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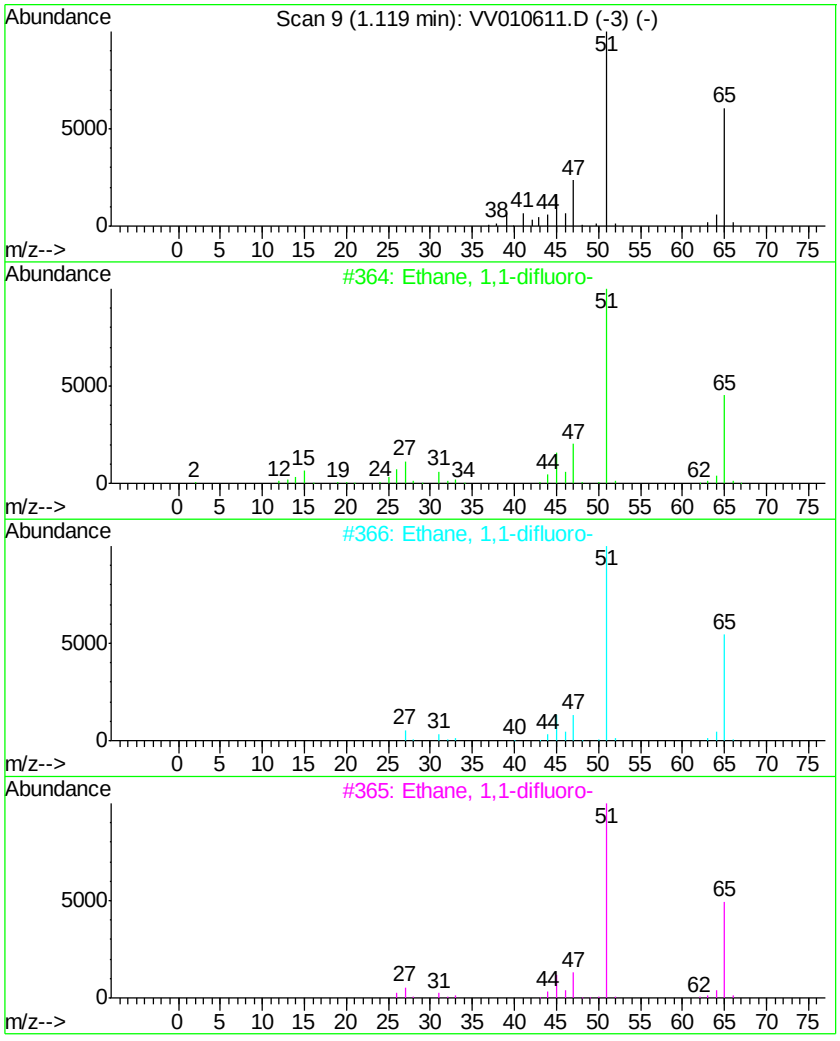
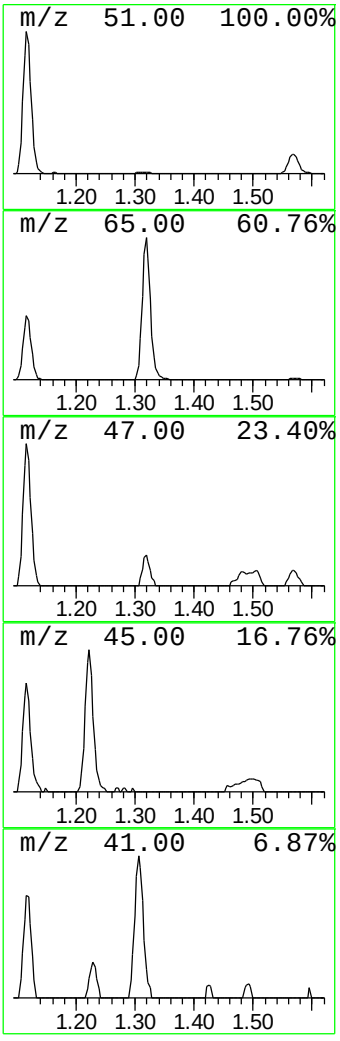
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.25 ug/L	44142	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	91
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





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

Instrument : MSVOA_V
ClientSampleId : C0X99

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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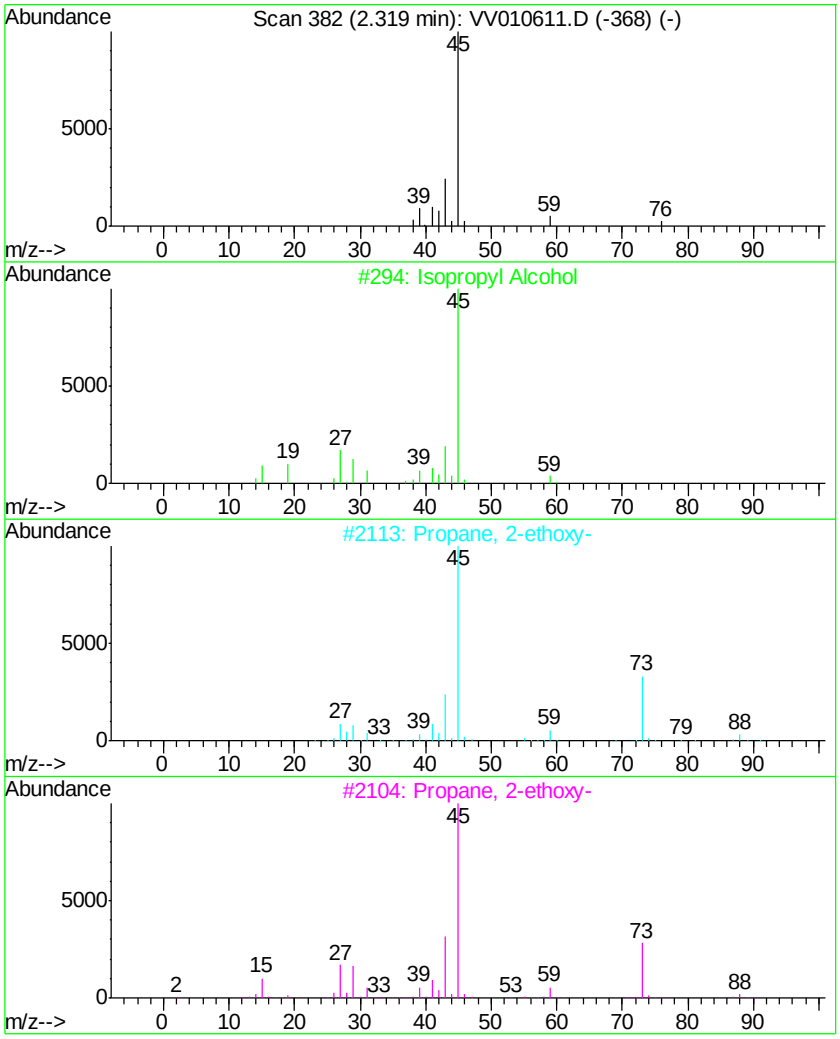
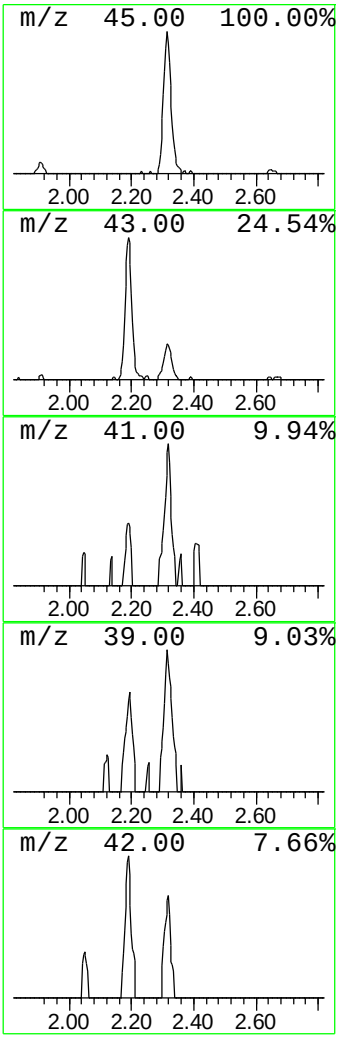
Peak Number 2 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	0.51 ug/L	17802	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Library Search Compound Report

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Acq On : 01 May 2019 18:11
Operator : SY/MD
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X99

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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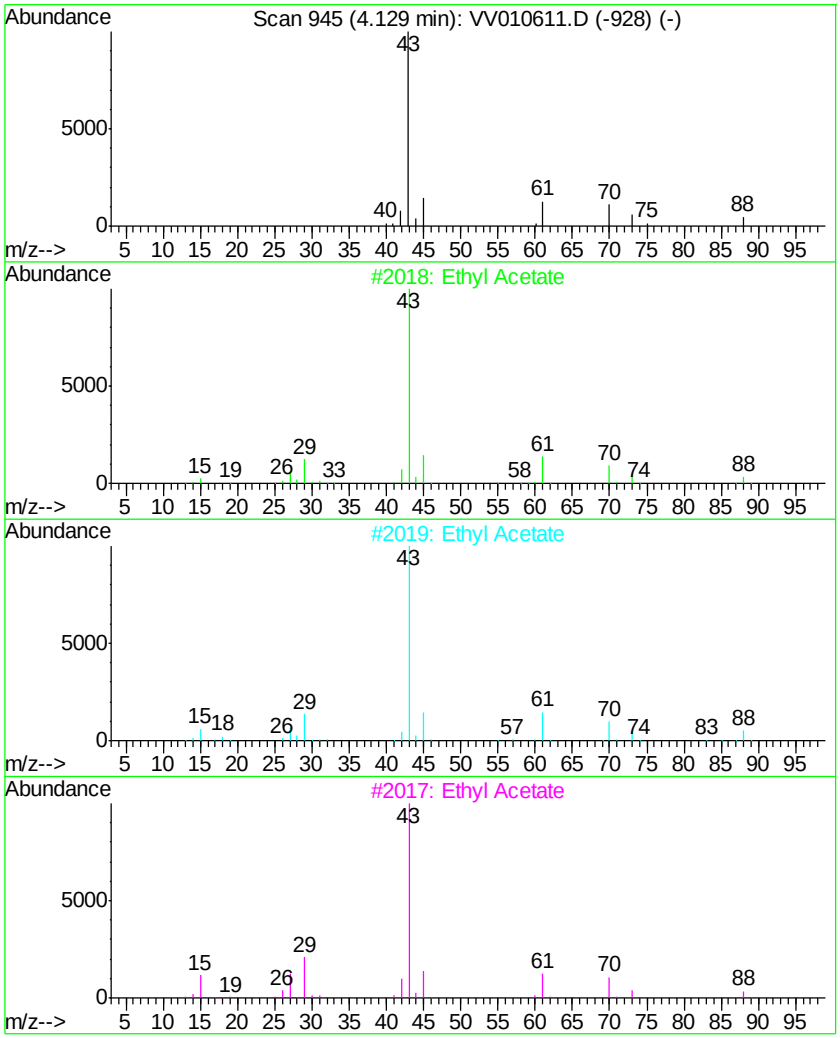
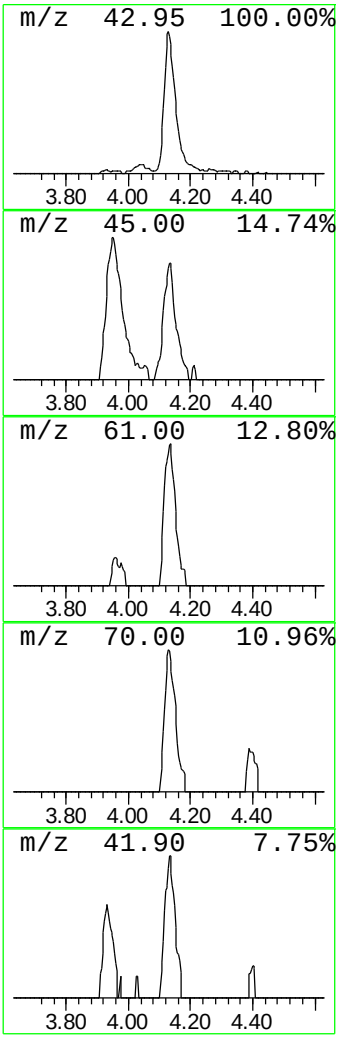
Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.91 ug/L	32215	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	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59





Library Search Compound Report

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

Instrument : MSVOA_V
ClientSampleId : C0X99

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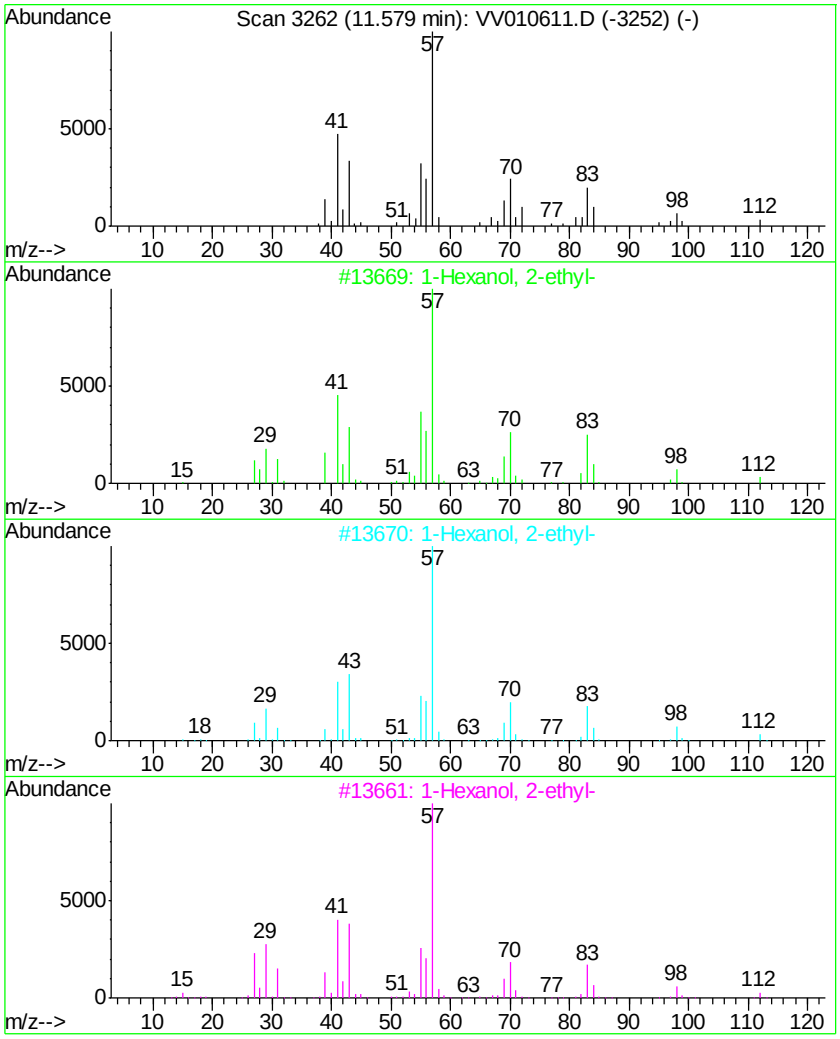
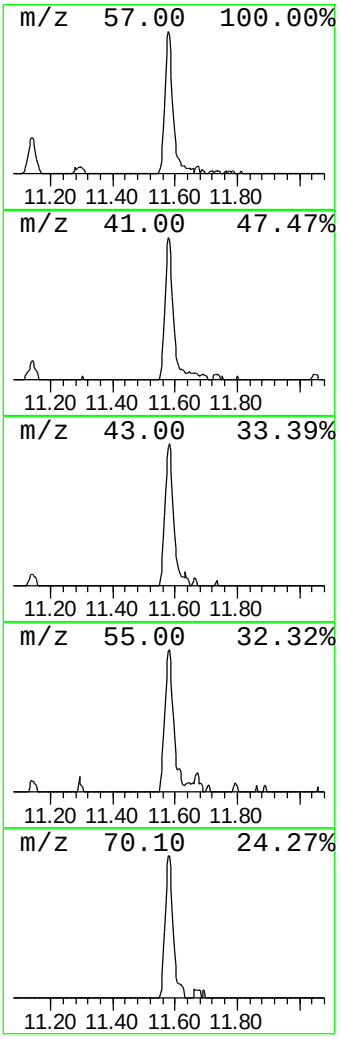
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.55 ug/L	58583	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	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Data File : VV010611.D
Acq On : 01 May 2019 18:11
Operator : SY/MD
Sample : K2590-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X99

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	1.3	ug/L	44142	1	5.66	176144	5.0
Isopropyl Alcohol	2.32	0.5	ug/L	17802	1	5.66	176144	5.0
Ethyl Acetate	4.13	0.9	ug/L	32215	1	5.66	176144	5.0
1-Hexanol, 2-ethyl-	11.58	1.6	ug/L	58583	3	11.30	188813	5.0