LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
Data File : VV010613.D
Acq On : 01 May 2019 19:01
Operator : SY/MD
Sample : K2590-10RE
Misc : 25mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA2RE

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	17	rVB	39436	39269	14.35%	1.485%
2	1.222	35	41	49	rVB3	8020	8502	3.11%	0.322%
3	1.319	63	71	83	rVB	35305	38124	13.93%	1.442%
4	1.570	141	149	158	rBV	26222	31592	11.55%	1.195%
5	1.762	201	209	220	rVB	36976	47455	17.34%	1.795%
6	2.126	311	322	333	rBV	65907	91340	33.38%	3.454%
7	2.190	333	342	362	rVB	16667	25566	9.34%	0.967%
8	2.315	370	381	396	rVB	16241	28588	10.45%	1.081%
9	2.656	475	487	505	rVB	4716	9566	3.50%	0.362%
10	3.933	871	884	915	rBV	36434	106891	39.06%	4.042%
11	4.132	934	946	972	rVB	12721	31331	11.45%	1.185%
12	4.402	1012	1030	1054	rBV2	46695	121118	44.26%	4.580%
13	5.093	1227	1245	1272	rBV3	111471	273633	100.00%	10.348%
14	5.663	1409	1422	1445	rBV	87035	178412	65.20%	6.747%
15	5.962	1505	1515	1526	rBV5	8540	16738	6.12%	0.633%
16	6.116	1551	1563	1586	rBV3	60817	125310	45.79%	4.739%
17	7.029	1833	1847	1863	rBV2	28928	51698	18.89%	1.955%
18	7.360	1937	1950	1974	rBV	124694	227979	83.32%	8.622%
19	7.663	2034	2044	2063	rBV	17748	29306	10.71%	1.108%
20	8.016	2143	2154	2179	rBV	95677	165758	60.58%	6.269%
21	8.132	2179	2190	2210	rBV	149144	246115	89.94%	9.308%
22	8.894	2415	2427	2448	rBV	137060	227260	83.05%	8.595%
23	10.260	2839	2852	2870	rVB	45878	70151	25.64%	2.653%
24	10.421	2894	2902	2912	rVB3	1859	2988	1.09%	0.113%
25	11.296	3163	3174	3192	rBV	117242	188527	68.90%	7.130%
26	11.579	3250	3262	3279	rBV	30547	55840	20.41%	2.112%
27	11.672	3279	3291	3311	rVB	127762	205174	74.98%	7.759%

Sum of corrected areas: 2644231

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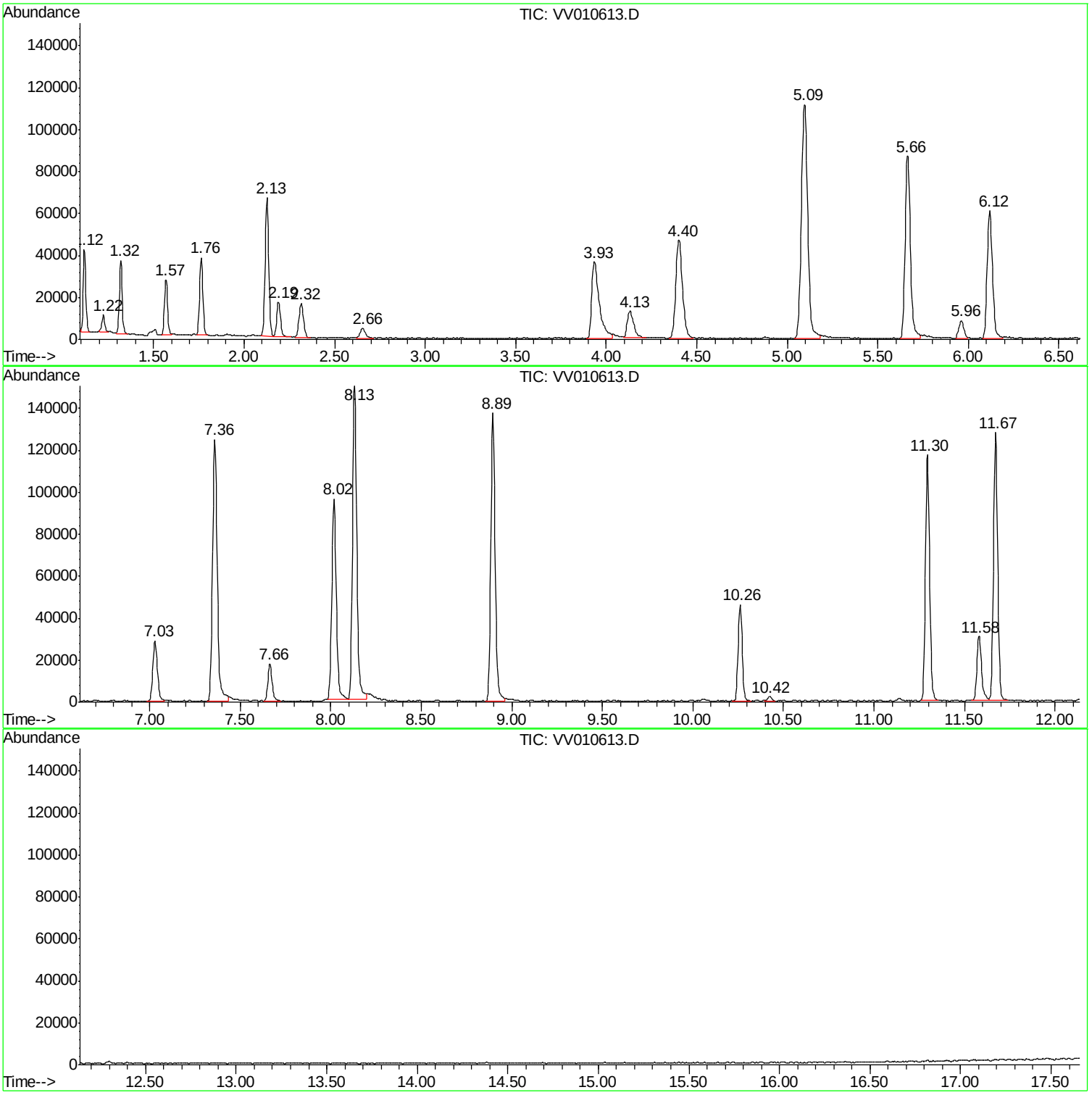
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA2RE

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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ClientSampleId : C0XA2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
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TIC Integration Parameters: LSCINT.P

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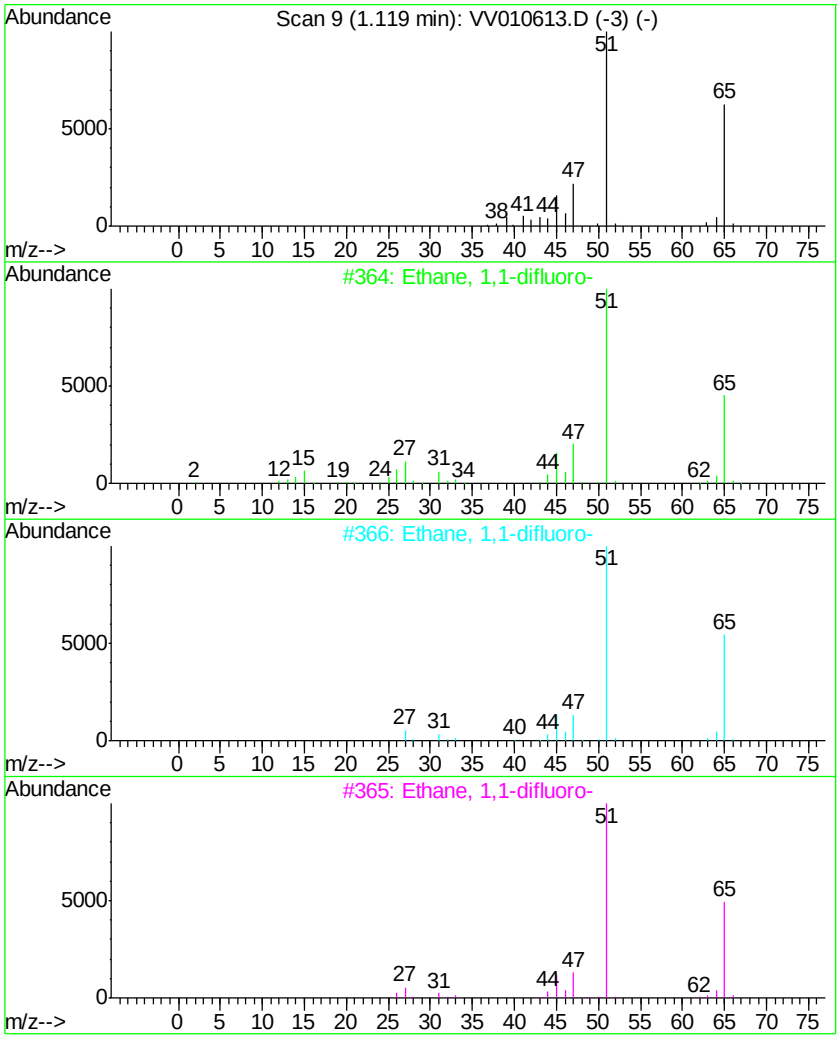
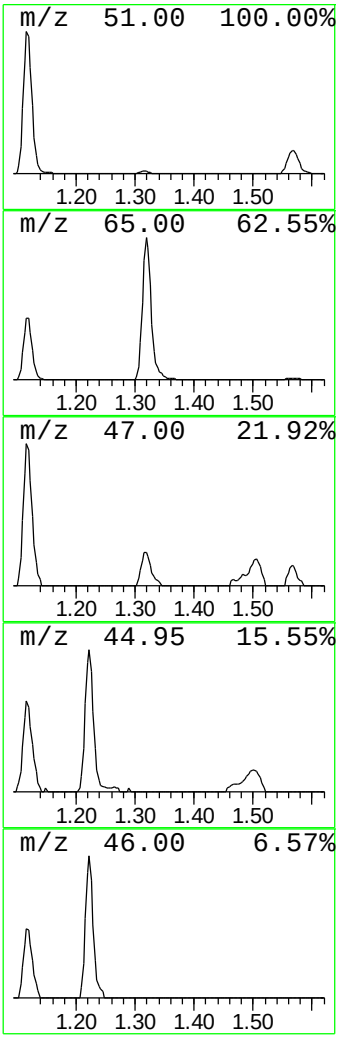
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.10 ug/L	39269	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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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA2RE

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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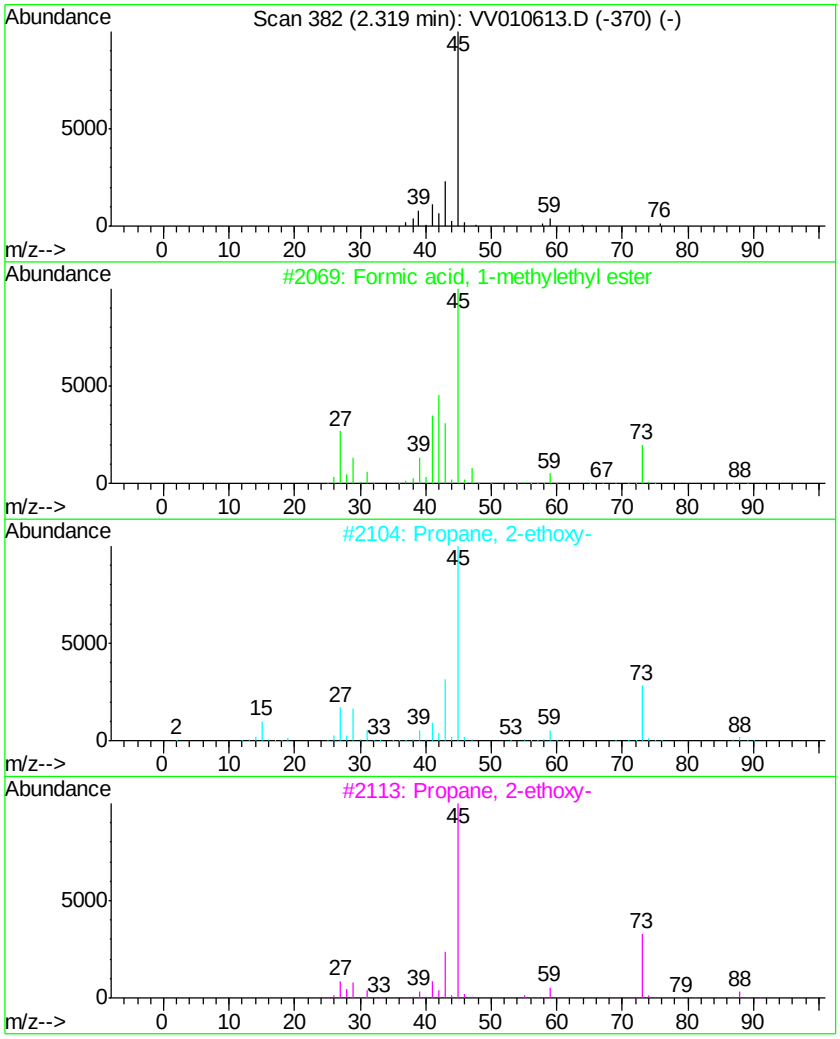
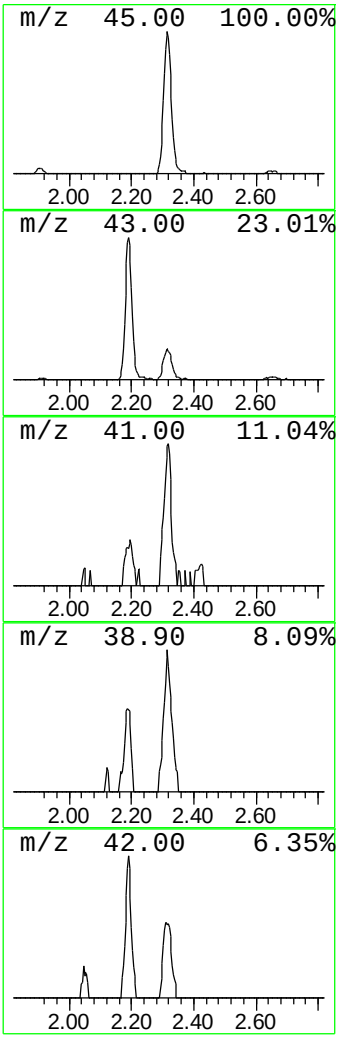
Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	0.80 ug/L	28588	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





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Acq On : 01 May 2019 19:01
Operator : SY/MD
Sample : K2590-10RE
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA2RE

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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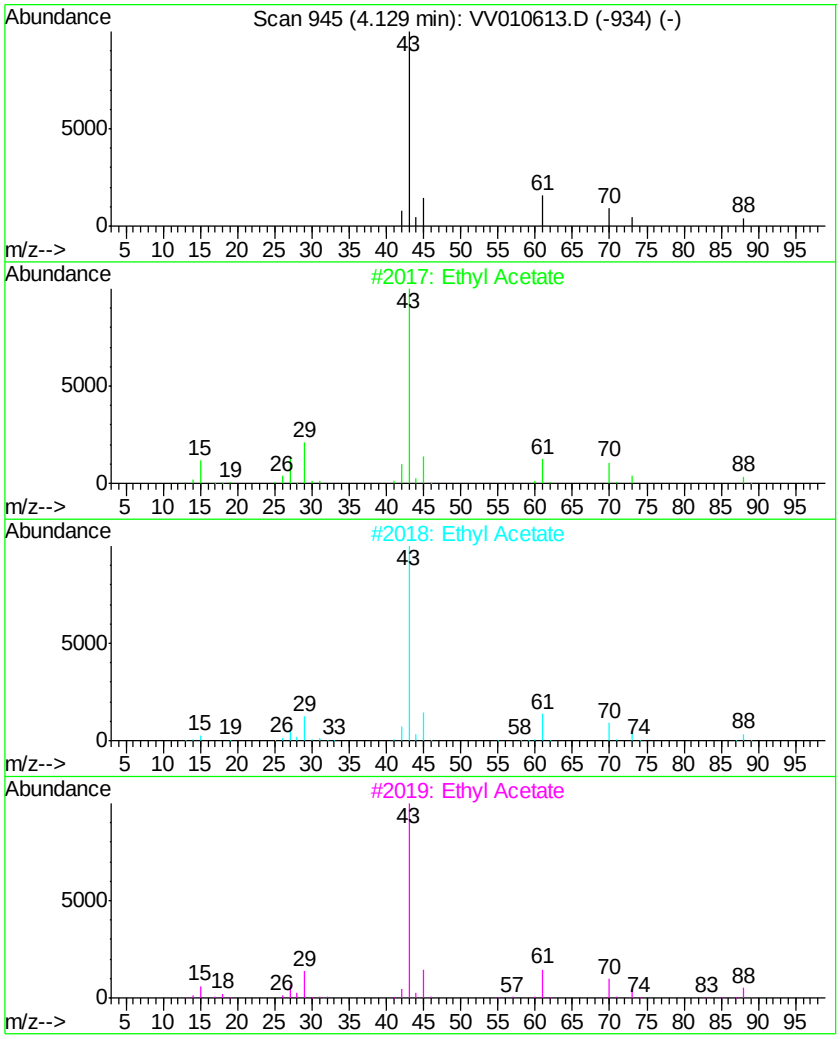
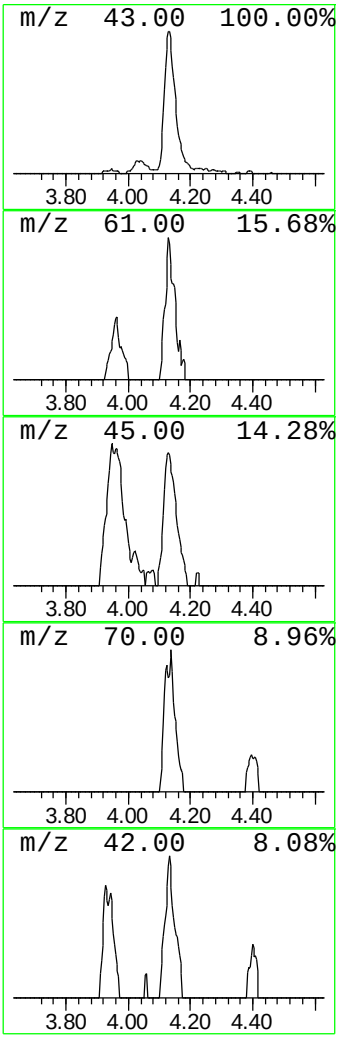
Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.88 ug/L	31331	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	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	74
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
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Operator : SY/MD
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA2RE

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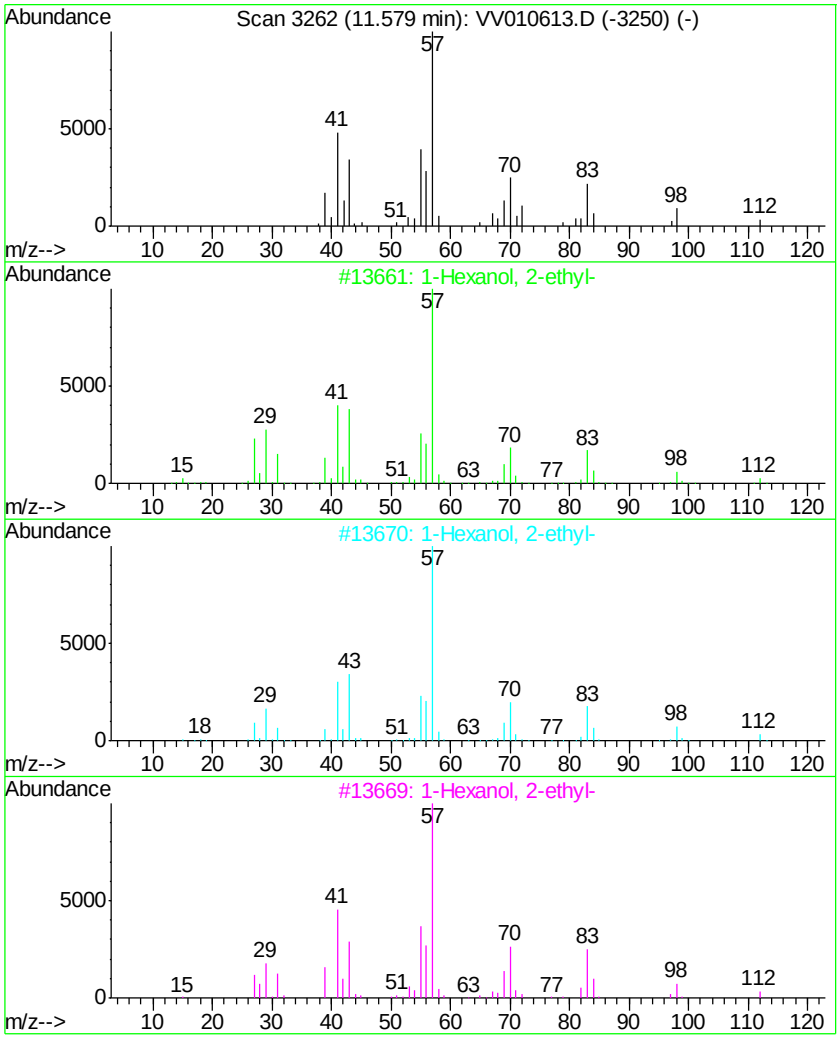
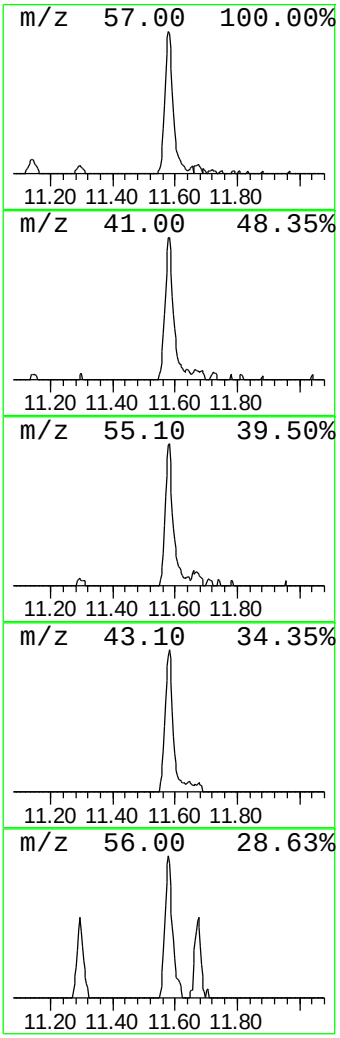
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.48 ug/L	55840	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	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47





Tentatively Identified Compound (LSC) summary

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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	1.1	ug/L	39269	1	5.66	178412	5.0
unknown-01	2.32	0.8	ug/L	28588	1	5.66	178412	5.0
Ethyl Acetate	4.13	0.9	ug/L	31331	1	5.66	178412	5.0
1-Hexanol, 2-ethyl-	11.58	1.5	ug/L	55840	3	11.30	188527	5.0