LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
Data File : VV010612.D
Acq On : 01 May 2019 18:36
Operator : SY/MD
Sample : K2590-09
Misc : 25mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA1

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	45675	42577	16.03%	1.763%
2	1.222	31	41	49	rBV2	9994	12525	4.72%	0.519%
3	1.319	62	71	83	rVB	38845	41818	15.75%	1.732%
4	1.569	141	149	158	rBV	27501	31611	11.90%	1.309%
5	1.762	204	209	222	rVB5	2839	3497	1.32%	0.145%
6	2.126	312	322	333	rVV	65829	91205	34.34%	3.777%
7	2.190	333	342	353	rVB	13272	19656	7.40%	0.814%
8	2.315	370	381	401	rVB2	11147	20744	7.81%	0.859%
9	2.650	473	485	502	rBV2	3448	7580	2.85%	0.314%
10	3.933	873	884	910	rBV	36420	99150	37.33%	4.106%
11	4.129	933	945	962	rBV2	11098	27273	10.27%	1.129%
12	4.399	1013	1029	1052	rBV2	46080	116264	43.78%	4.815%
13	5.093	1229	1245	1268	rBV2	108818	265593	100.00%	10.998%
14	5.662	1408	1422	1440	rBV	87548	175846	66.21%	7.282%
15	5.955	1505	1513	1523	rVB6	2556	4962	1.87%	0.205%
16	6.116	1550	1563	1584	rBV	60562	123639	46.55%	5.120%
17	7.029	1835	1847	1864	rBV	28583	50395	18.97%	2.087%
18	7.360	1937	1950	1967	rBV	128857	228366	85.98%	9.457%
19	7.662	2034	2044	2059	rBV2	16213	27477	10.35%	1.138%
20	7.984	2134	2144	2152	rVB6	1684	2833	1.07%	0.117%
21	8.132	2179	2190	2207	rBV	151620	252227	94.97%	10.445%
22	8.894	2414	2427	2450	rBV	134160	226191	85.16%	9.367%
23	10.260	2839	2852	2866	rBV	44594	70380	26.50%	2.914%
24	10.424	2893	2903	2912	rVB3	2545	3752	1.41%	0.155%
25	11.141	3114	3126	3135	rBV	5031	6703	2.52%	0.278%
26	11.296	3162	3174	3192	rBV	117885	189605	71.39%	7.852%
27	11.579	3251	3262	3280	rBV2	39305	68816	25.91%	2.850%
28	11.672	3280	3291	3308	rVB	126955	204171	76.87%	8.455%

Sum of corrected areas: 2414856

LSC Report - Integrated Chromatogram

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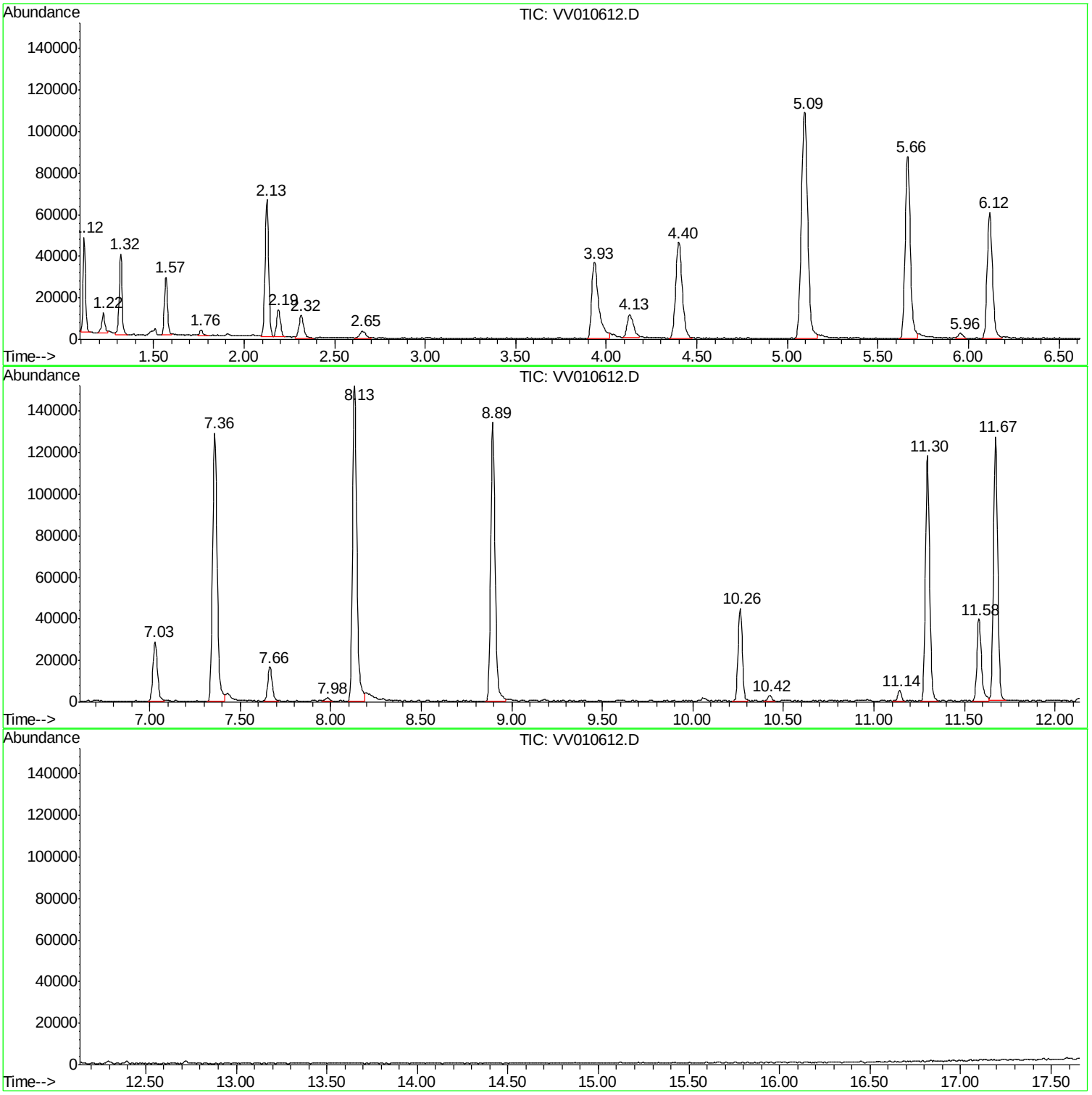
Sample : K2590-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA1

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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Data File : VV010612.D
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Operator : SY/MD
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA1

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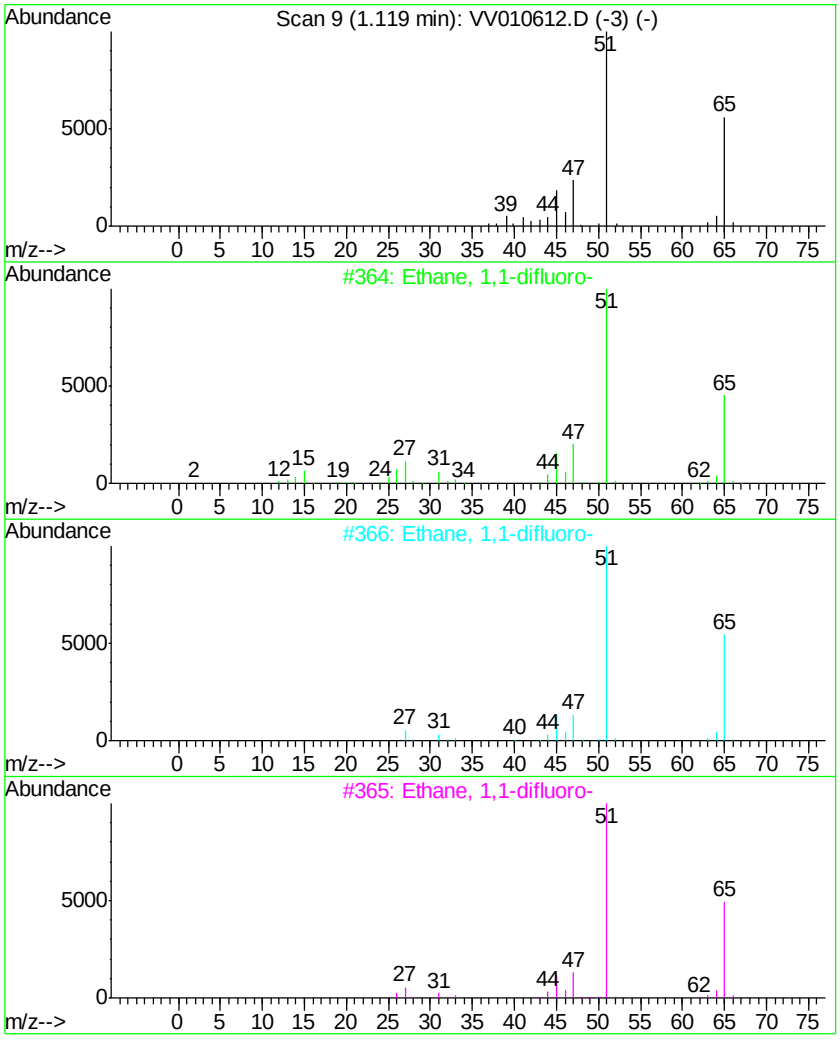
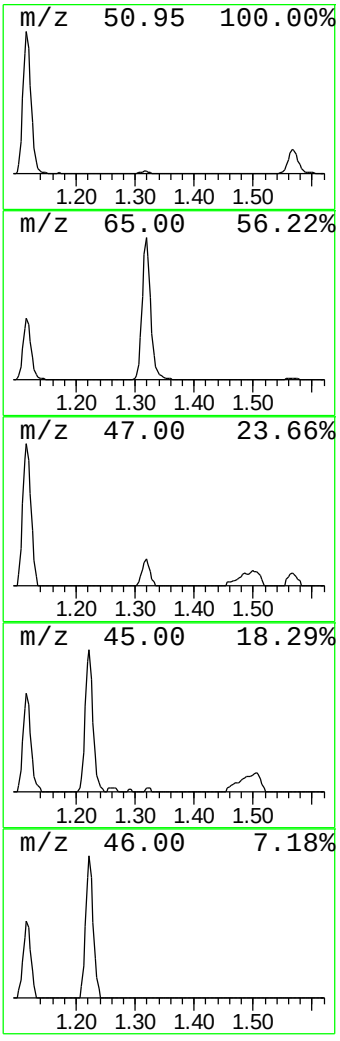
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.21 ug/L	42577	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	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5	Propiolonitrile	51	C3HN	001070-71-9	3





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA1

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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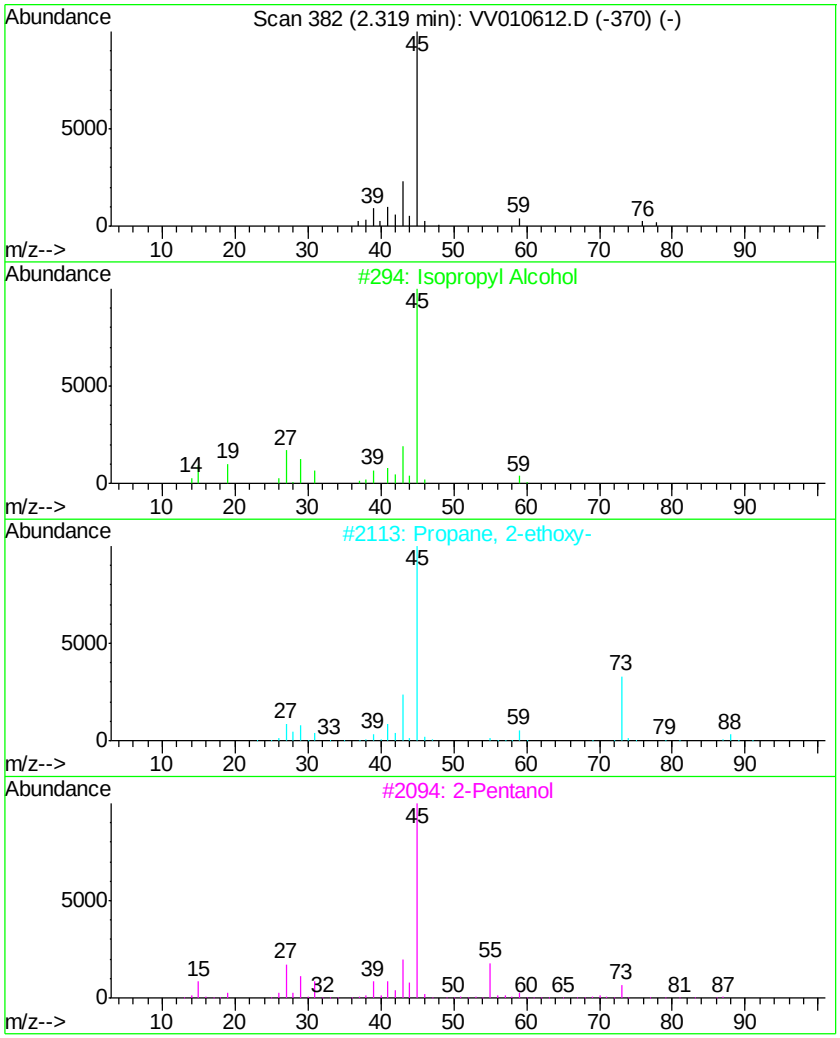
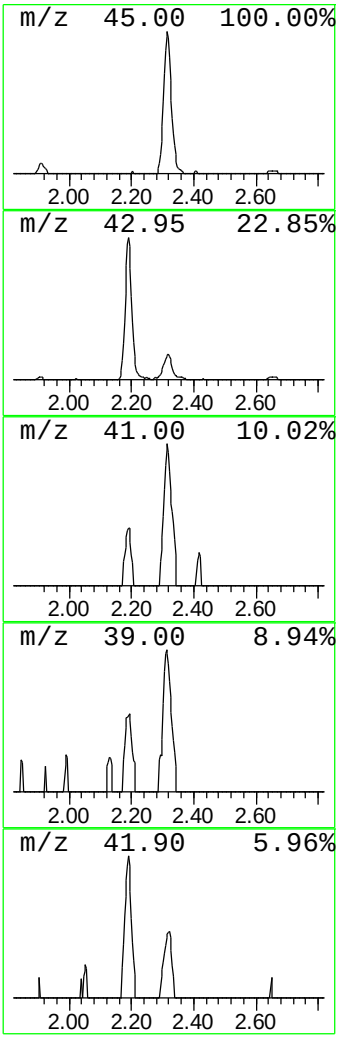
Peak Number 2 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	0.59 ug/L	20744	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3	2-Pentanol	88	C5H12O	006032-29-7	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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Operator : SY/MD
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA1

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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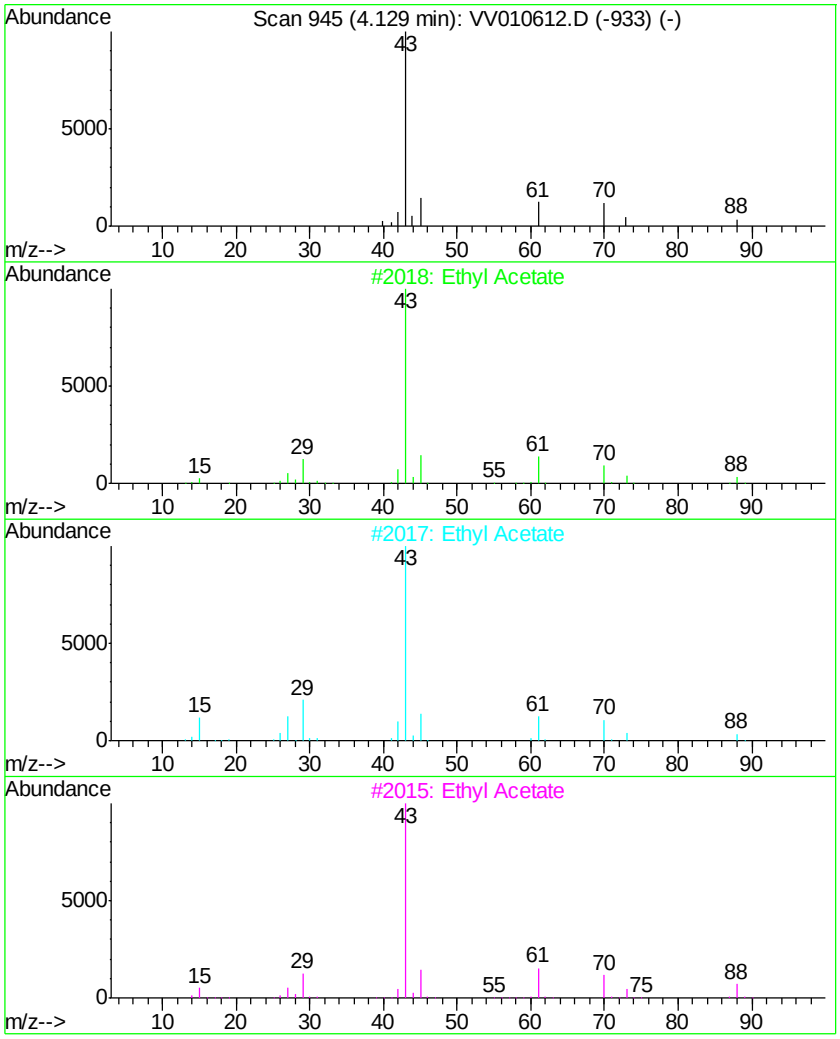
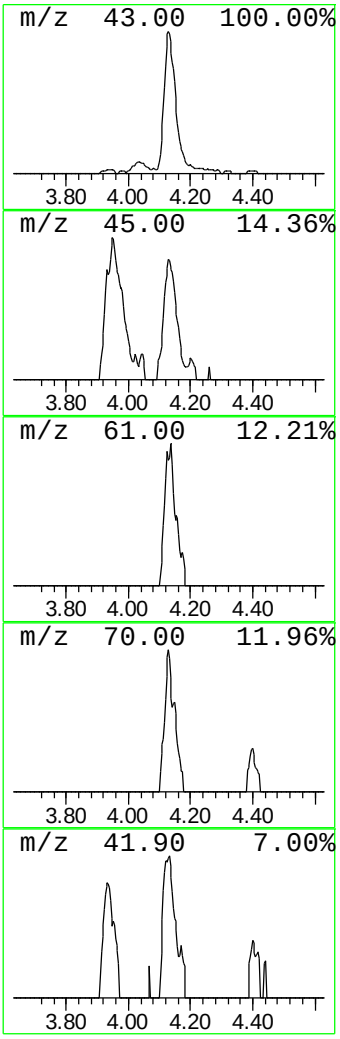
Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.78 ug/L	27273	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	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45





Library Search Compound Report

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Operator : SY/MD
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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA1

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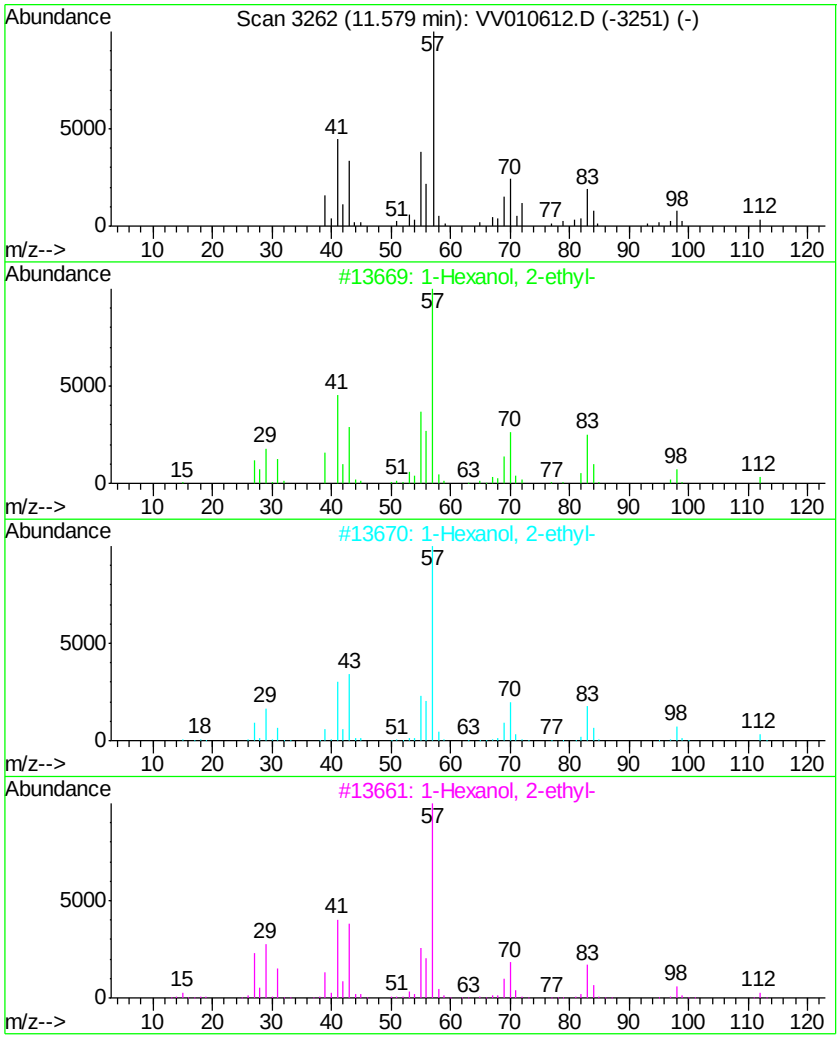
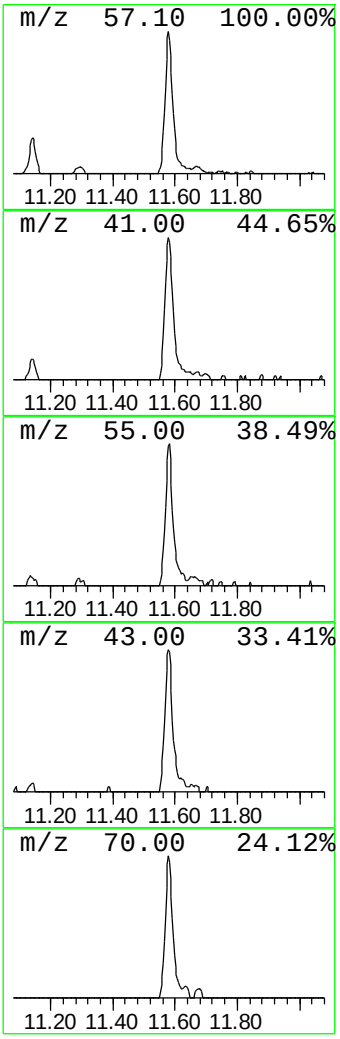
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.81 ug/L	68816	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	80
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
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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...	1.12	1.2	ug/L	42577	1	5.67	175846	5.0
Isopropyl Alcohol	2.32	0.6	ug/L	20744	1	5.67	175846	5.0
Ethyl Acetate	4.13	0.8	ug/L	27273	1	5.67	175846	5.0
1-Hexanol, 2-ethyl-	11.58	1.8	ug/L	68816	3	11.30	189605	5.0