LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
Data File : VV015918.D
Acq On : 06 May 2020 18:27
Operator : SY/MD
Sample : L2527-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ4

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\SOMVTR050520WMA.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	1.113	3	7	20	rVB	57353	53108	10.05%	1.043%
2	1.315	61	70	81	rVB	69520	76662	14.51%	1.505%
3	1.579	143	152	163	rBV	65427	77633	14.70%	1.524%
4	2.122	311	321	341	rVB	120680	177656	33.63%	3.488%
5	2.782	514	526	542	rVB4	10353	22958	4.35%	0.451%
6	3.061	601	613	631	rVB	14344	30205	5.72%	0.593%
7	3.785	827	838	855	rVB3	9425	24223	4.59%	0.476%
8	3.936	871	885	925	rBV3	58961	265192	50.20%	5.207%
9	4.113	929	940	967	rVB2	28075	83037	15.72%	1.630%
10	4.380	1006	1023	1053	rBV	98399	274176	51.90%	5.383%
11	4.704	1109	1124	1140	rBV6	8775	22118	4.19%	0.434%
12	5.074	1222	1239	1272	rBV2	211265	528229	100.00%	10.371%
13	5.643	1404	1416	1437	rBV	180934	367362	69.55%	7.213%
14	6.093	1544	1556	1580	rBV2	121849	252434	47.79%	4.956%
15	6.495	1672	1681	1709	rBV	25437	56421	10.68%	1.108%
16	7.010	1831	1841	1865	rBV	58772	107487	20.35%	2.110%
17	7.338	1931	1943	1966	rBV	258179	445907	84.42%	8.755%
18	7.643	2029	2038	2062	rBV	33719	61384	11.62%	1.205%
19	7.958	2124	2136	2146	rBV3	16456	29832	5.65%	0.586%
20	8.113	2173	2184	2216	rBV	261604	517145	97.90%	10.153%
21	8.875	2407	2421	2440	rBV	278874	459357	86.96%	9.019%
22	10.238	2832	2845	2859	rBV	81158	130871	24.78%	2.569%
23	10.402	2885	2896	2906	rBV3	27164	43671	8.27%	0.857%
24	11.270	3156	3166	3186	rBV	278825	439061	83.12%	8.620%
25	11.556	3241	3255	3272	rBV2	43669	93088	17.62%	1.828%
26	11.646	3272	3283	3303	rVB	254322	411046	77.82%	8.070%
27	12.276	3465	3479	3491	rVB2	12780	21389	4.05%	0.420%
28	16.736	4857	4866	4878	rBV3	14937	21740	4.12%	0.427%

Sum of corrected areas: 5093392

LSC Report - Integrated Chromatogram

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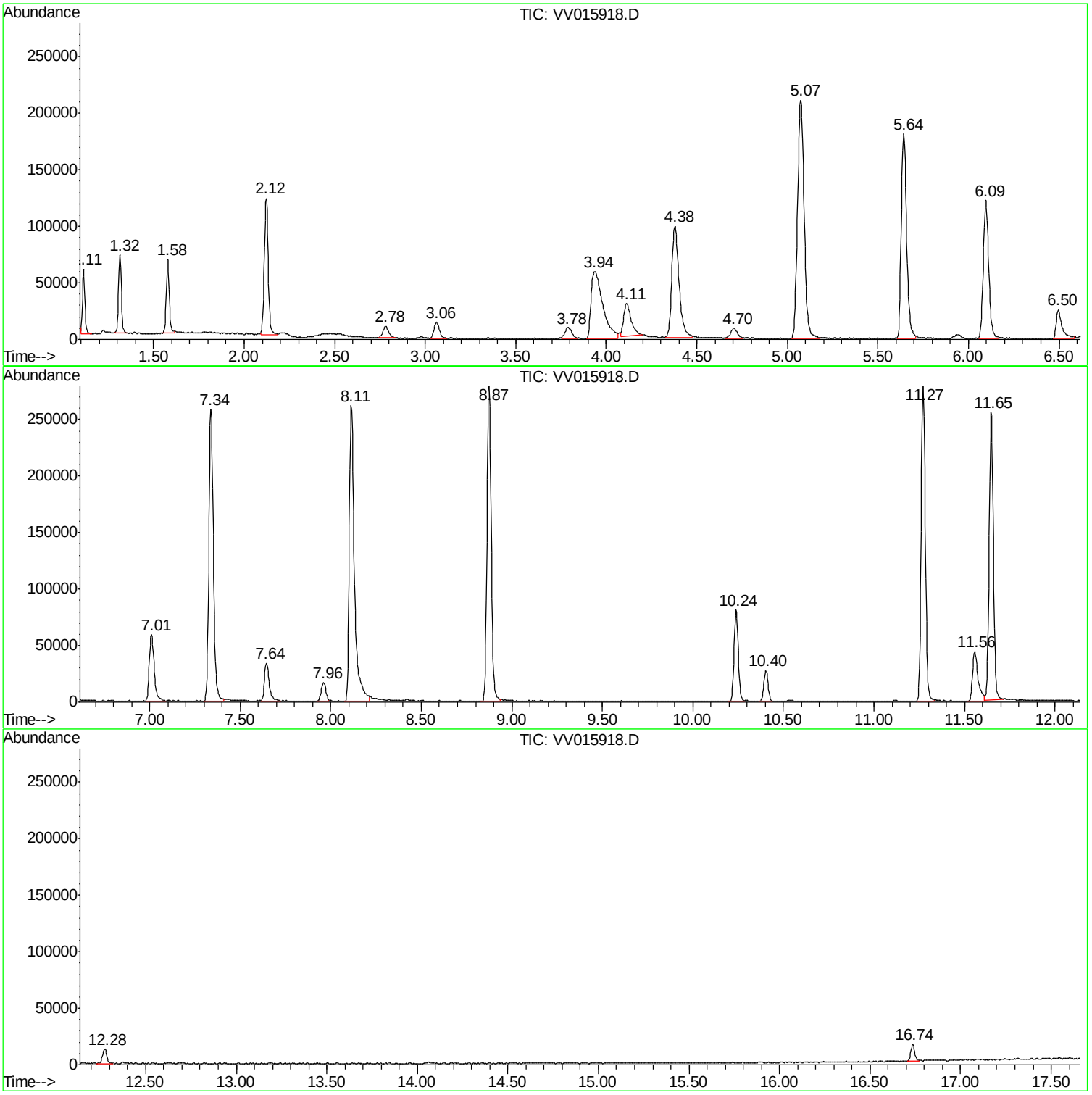
Operator : SY/MD
Sample : L2527-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.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\VV050620\
Data File : VV015918.D
Acq On : 06 May 2020 18:27
Operator : SY/MD
Sample : L2527-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

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

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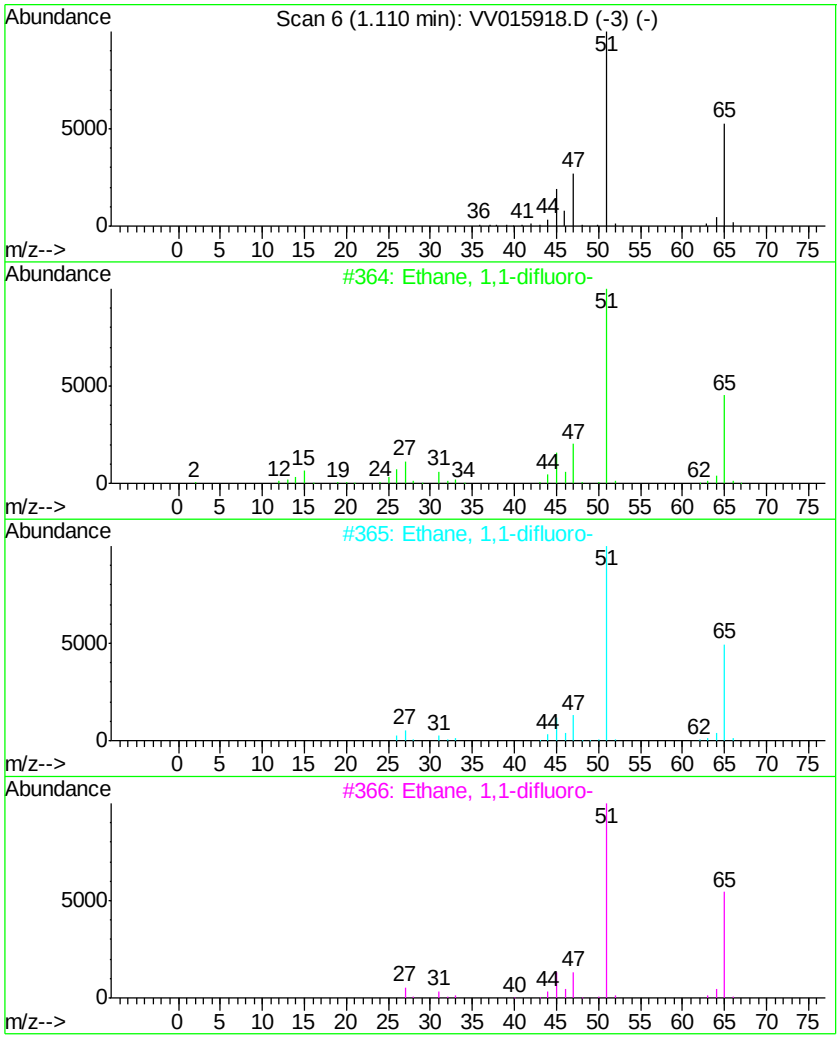
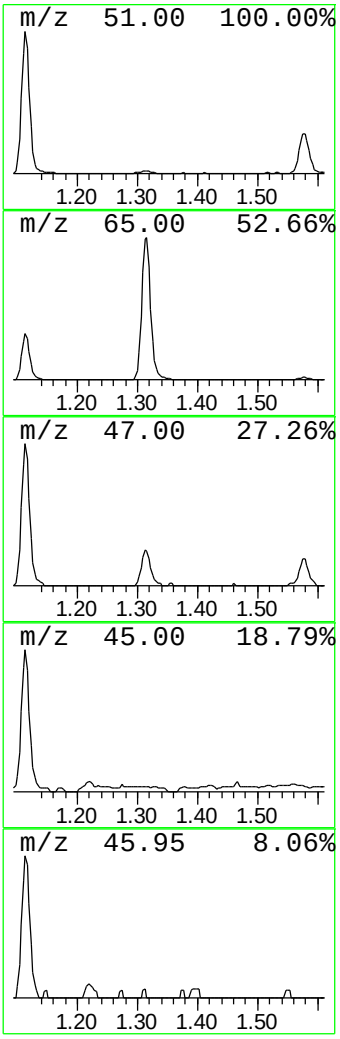
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	0.72 ug/L	53108	1,4-Difluorobenzene	5.64

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	83
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015918.D
Acq On : 06 May 2020 18:27
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Sample : L2527-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

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

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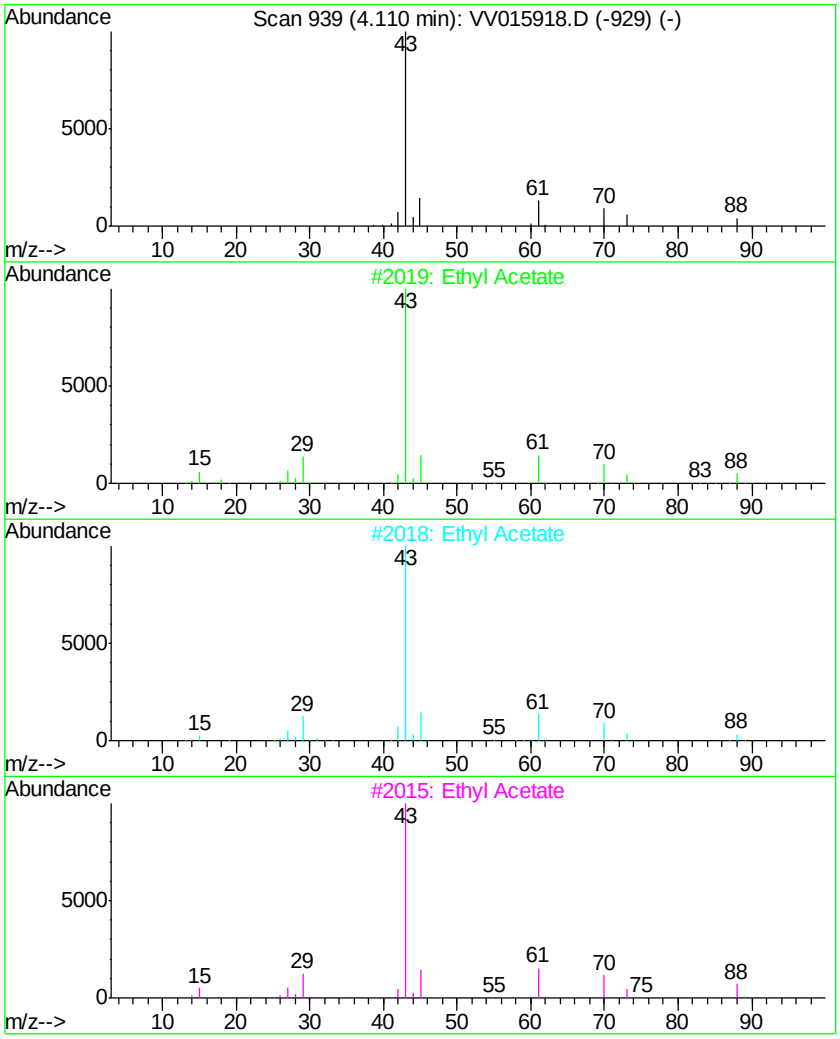
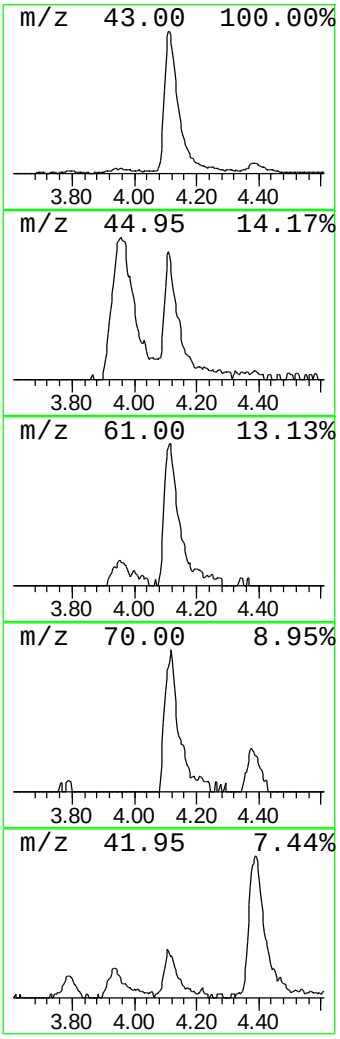
Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	1.13 ug/L	83037	1,4-Difluorobenzene	5.64

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	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
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Operator : SY/MD
Sample : L2527-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

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

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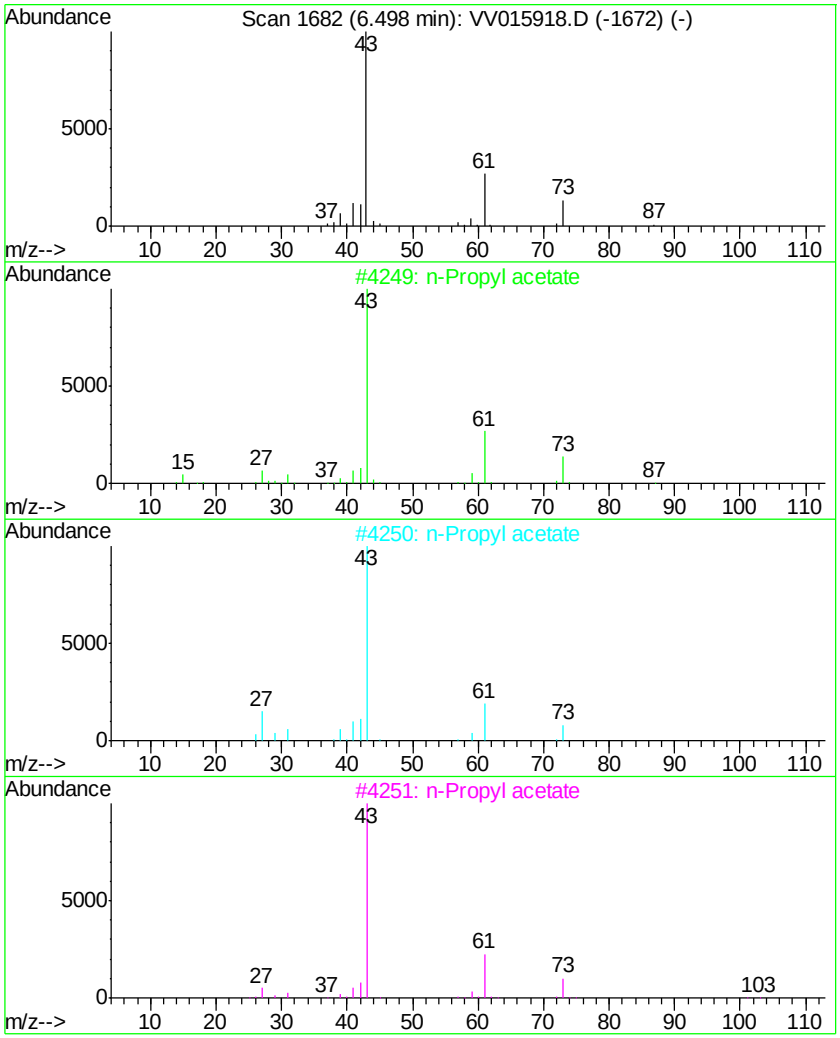
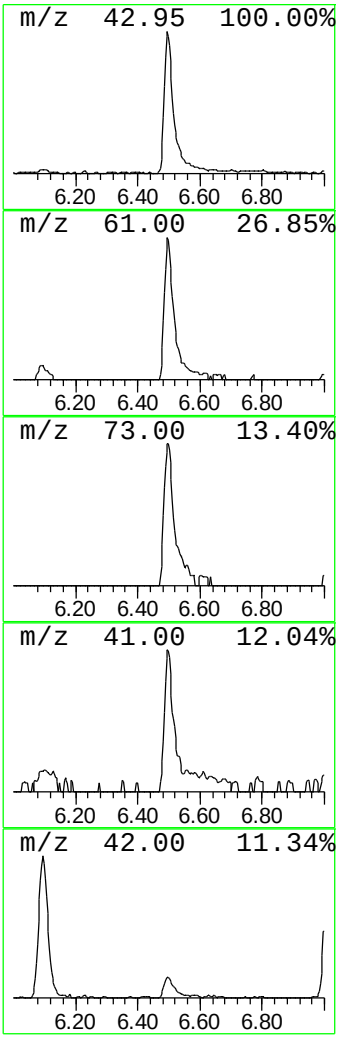
Peak Number 3 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.77 ug/L	56421	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isobutylamine	73	C4H11N	000078-81-9	9
5	2-Butanone	72	C4H8O	000078-93-3	9





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ClientSampleId : BFSJ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

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

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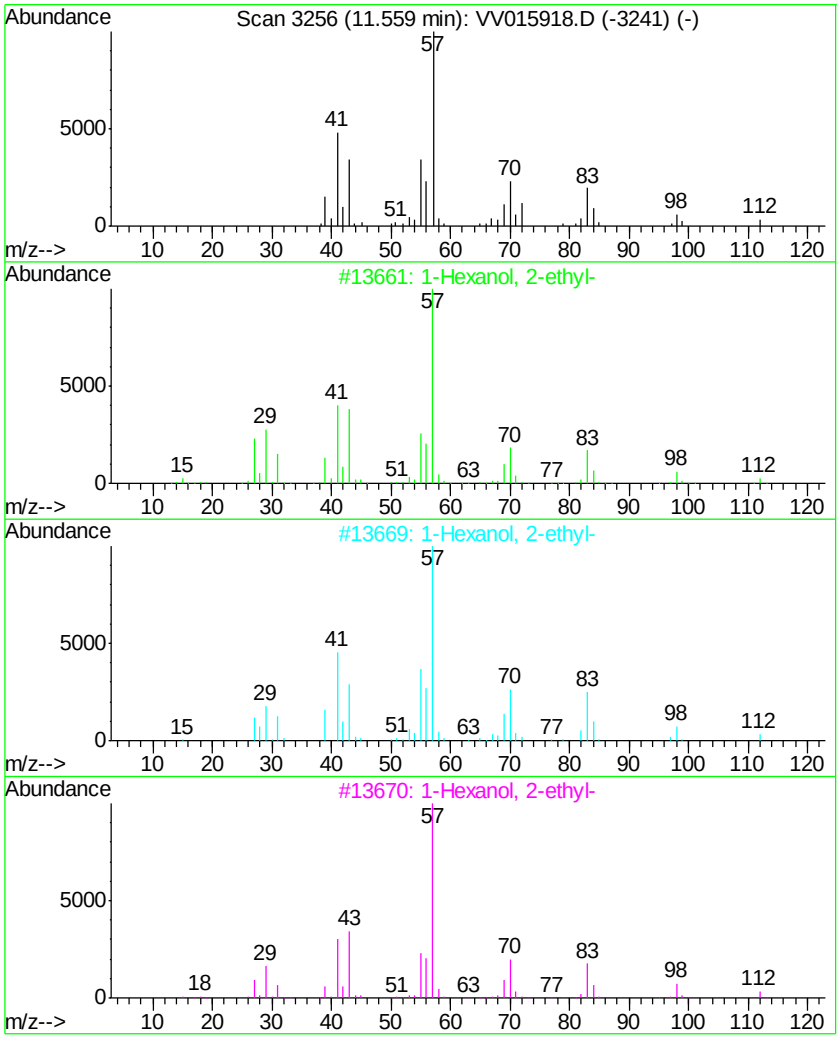
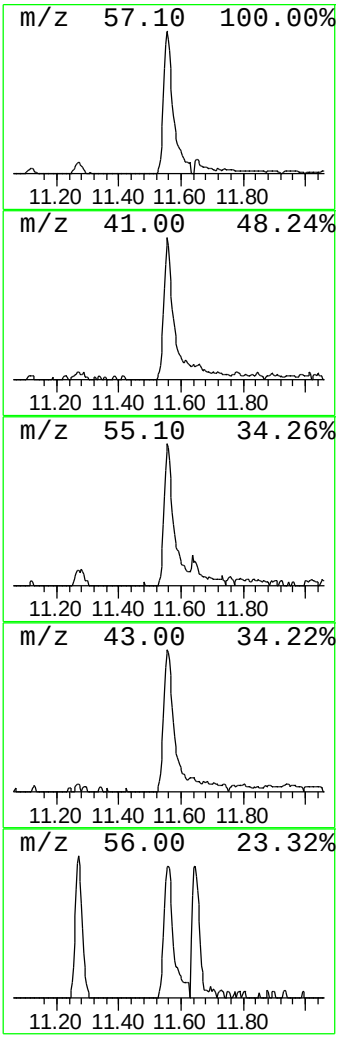
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	1.06 ug/L	93088	1,4-Dichlorobenzene-d4	11.27

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	53
4	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	50
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47





Tentatively Identified Compound (LSC) summary

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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...	1.11	0.7	ug/L	53108	1	5.64	367362	5.0
Ethyl Acetate	4.11	1.1	ug/L	83037	1	5.64	367362	5.0
n-Propyl acetate	6.50	0.8	ug/L	56421	1	5.64	367362	5.0
1-Hexanol, 2-ethyl-	11.56	1.1	ug/L	93088	3	11.27	439061	5.0