LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
Data File : VV015916.D
Acq On : 06 May 2020 17:40
Operator : SY/MD
Sample : L2527-05
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ2

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	25	rVB	185200	172332	5.25%	1.987%
2	1.315	63	70	83	rVB	71530	72718	2.22%	0.839%
3	1.579	144	152	165	rBV	61263	72132	2.20%	0.832%
4	2.123	310	321	337	rBV	112248	164890	5.03%	1.901%
5	3.930	869	883	917	rBV3	64770	275189	8.39%	3.173%
6	4.094	919	934	983	rVB	1220574	3281381	100.00%	37.839%
7	4.380	1007	1023	1049	rBV2	114252	311393	9.49%	3.591%
8	5.074	1222	1239	1262	rBV2	196610	496389	15.13%	5.724%
9	5.643	1403	1416	1439	rBV	188789	380201	11.59%	4.384%
10	5.942	1497	1509	1527	rBV	46799	98186	2.99%	1.132%
11	6.097	1544	1557	1576	rBV2	115486	238278	7.26%	2.748%
12	6.489	1669	1679	1701	rBV	101928	203496	6.20%	2.347%
13	7.010	1827	1841	1861	rBV	56312	104857	3.20%	1.209%
14	7.338	1930	1943	1966	rBV	237349	415911	12.67%	4.796%
15	7.646	2027	2039	2056	rBV3	31623	59278	1.81%	0.684%
16	7.962	2122	2137	2143	rBV	22159	41896	1.28%	0.483%
17	7.997	2143	2148	2166	rVB2	24485	41493	1.26%	0.478%
18	8.113	2172	2184	2218	rBV	247652	498665	15.20%	5.750%
19	8.875	2405	2421	2443	rBV	293376	480709	14.65%	5.543%
20	10.238	2834	2845	2864	rBV	79885	127802	3.89%	1.474%
21	10.405	2886	2897	2910	rVB	36911	59049	1.80%	0.681%
22	11.270	3155	3166	3182	rBV	293473	456197	13.90%	5.261%
23	11.556	3244	3255	3273	rBV	118706	233712	7.12%	2.695%
24	11.646	3273	3283	3300	rVB	238169	385827	11.76%	4.449%

Sum of corrected areas: 8671981

LSC Report - Integrated Chromatogram

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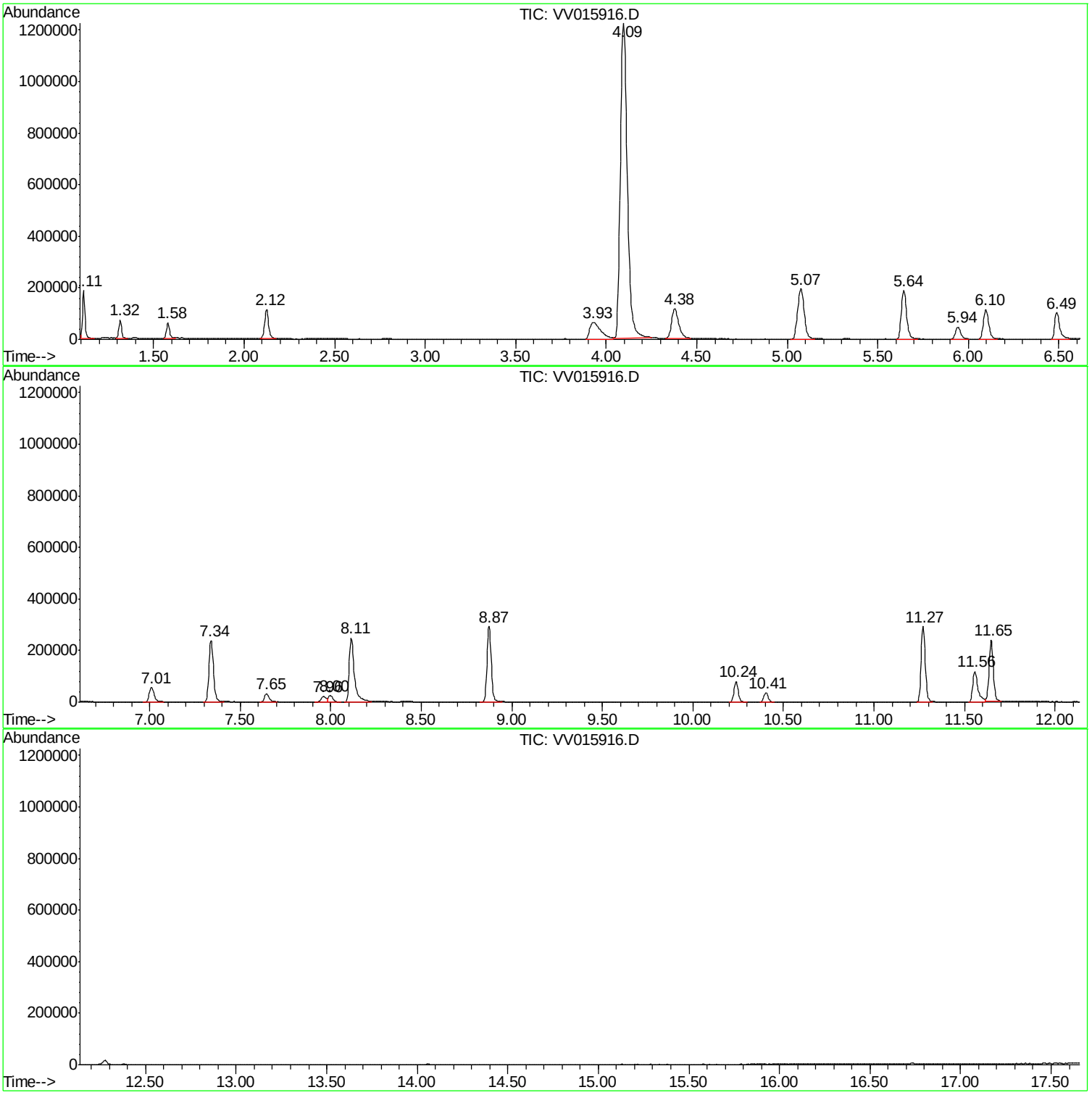
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ2

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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Data File : VV015916.D
Acq On : 06 May 2020 17:40
Operator : SY/MD
Sample : L2527-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ2

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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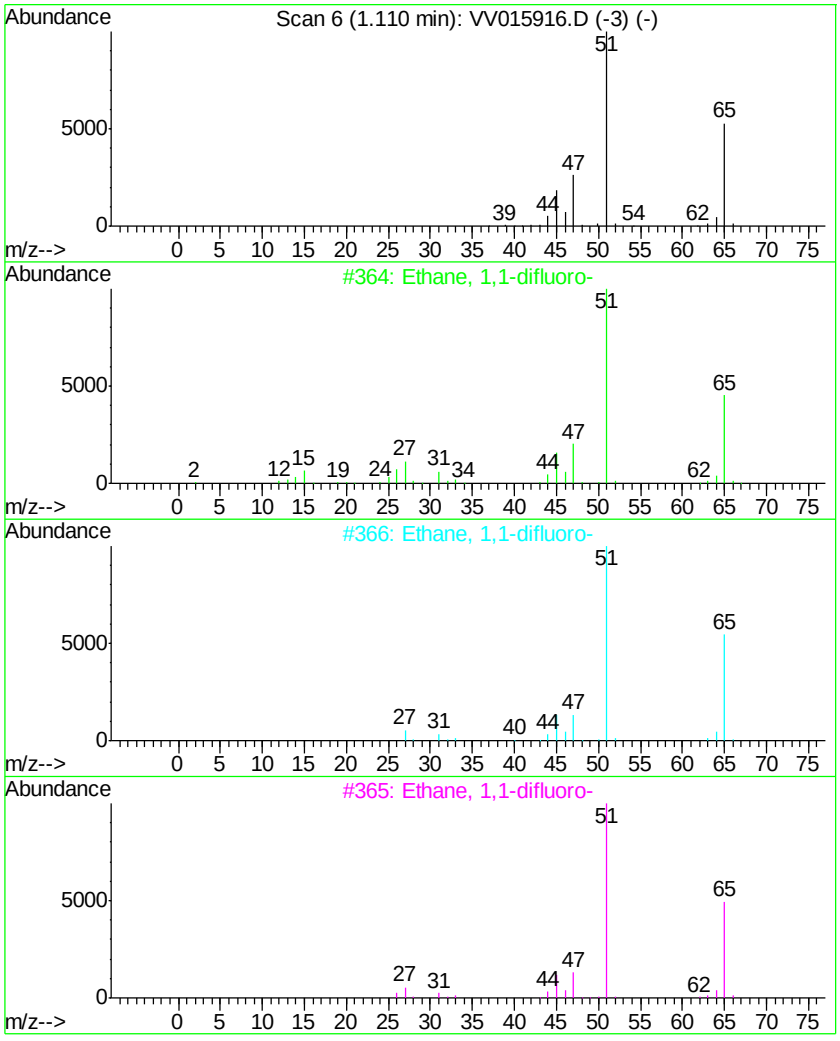
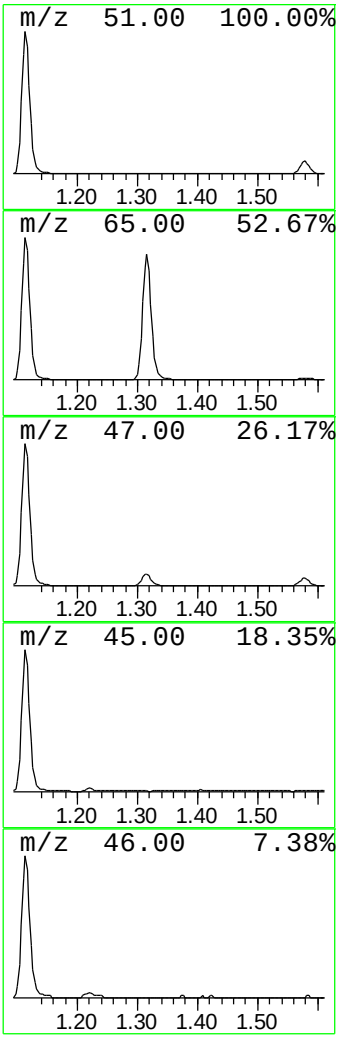
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	2.27 ug/L	172332	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	91
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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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ2

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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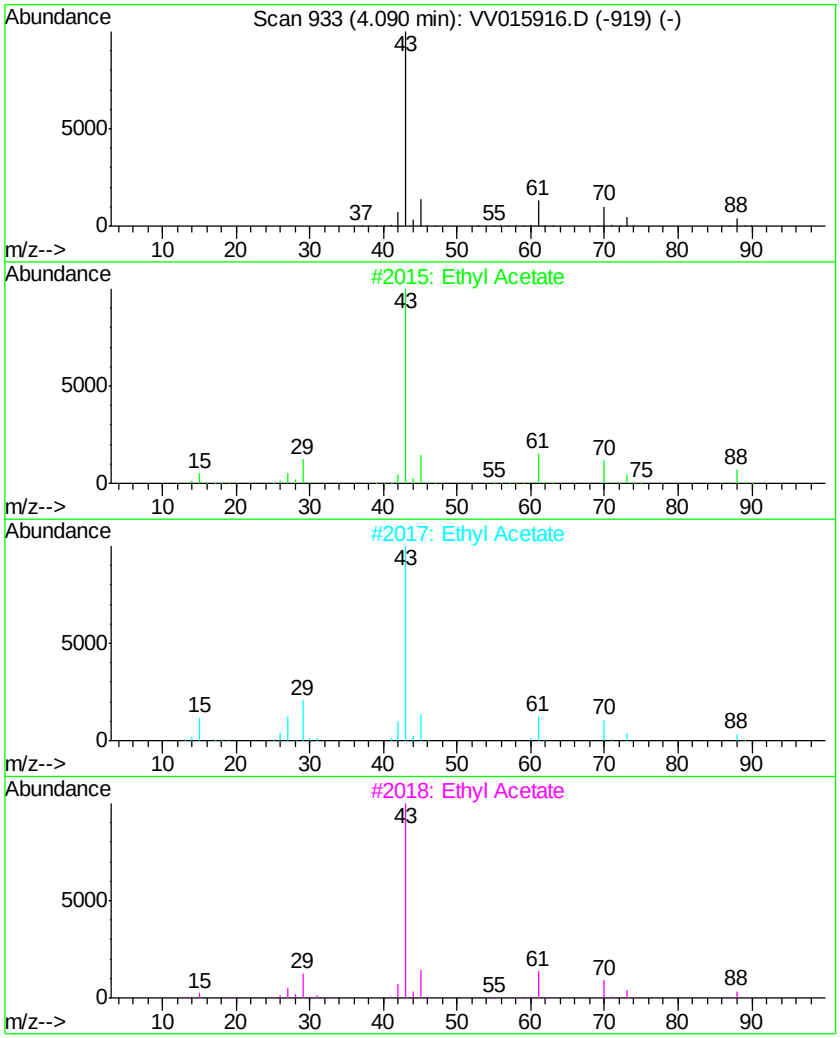
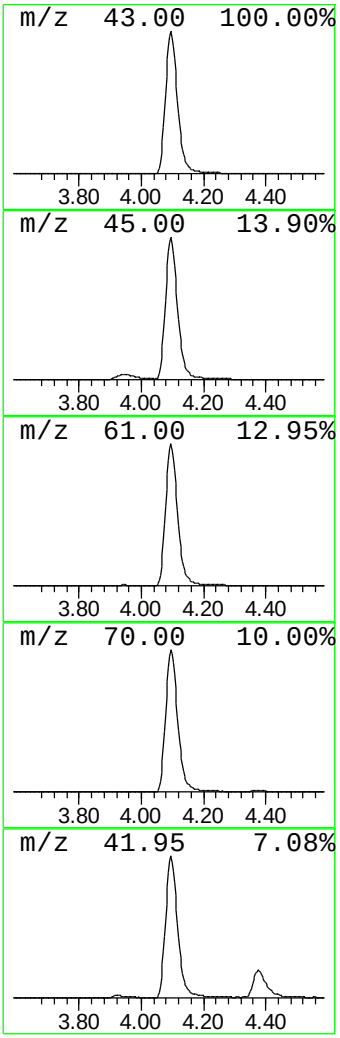
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	43.15 ug/L	3281380	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
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	59
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





Library Search Compound Report

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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ2

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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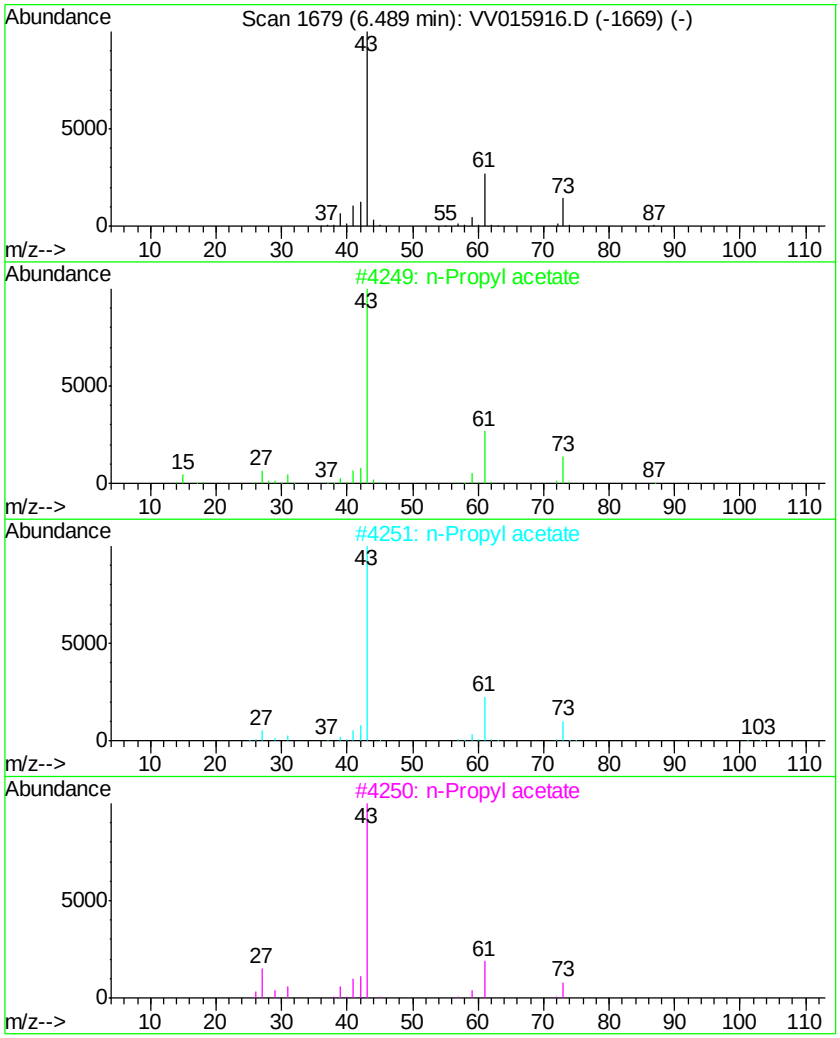
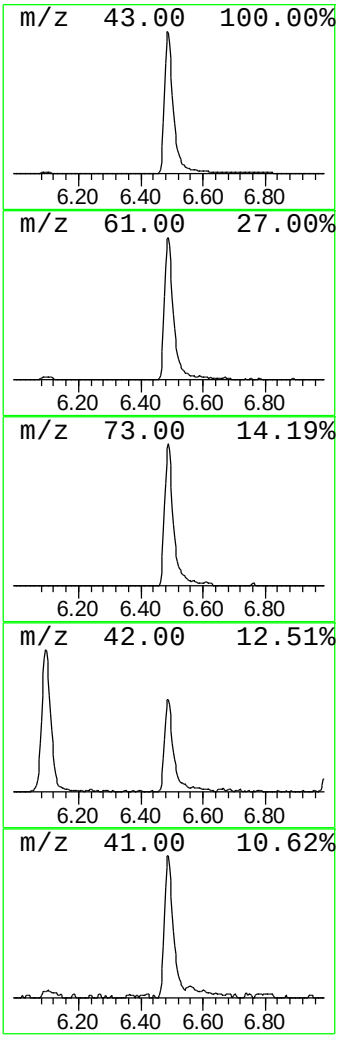
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	2.68 ug/L	203496	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	53
4	Isopropyl acetate	102	C5H10O2	000108-21-4	38
5	Isobutylamine	73	C4H11N	000078-81-9	9





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ2

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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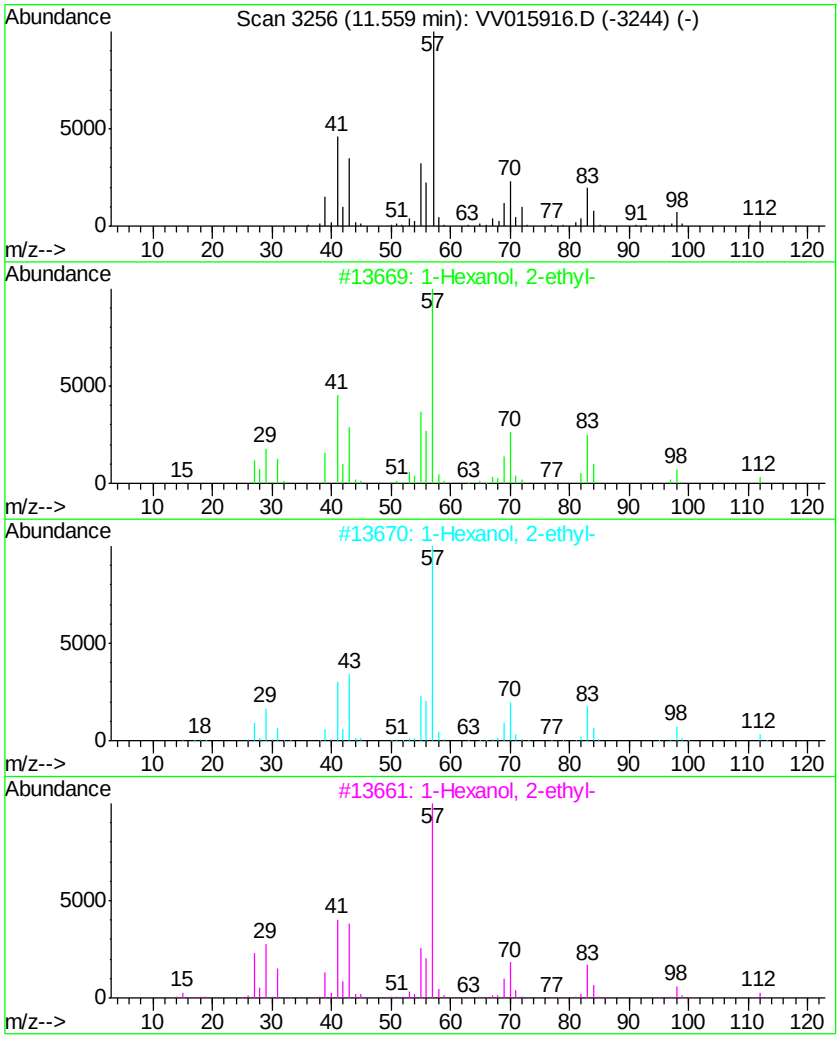
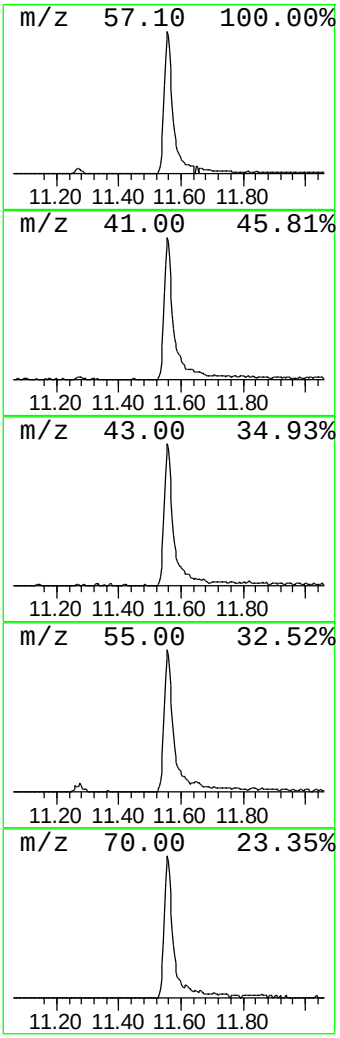
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.56 ug/L	233712	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	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





Tentatively Identified Compound (LSC) summary

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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : BFSJ2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.11	2.3	ug/L	172332	1	5.64	380201	5.0
Ethyl Acetate	4.09	43.1	ug/L	3281380	1	5.64	380201	5.0
n-Propyl acetate	6.49	2.7	ug/L	203496	1	5.64	380201	5.0
1-Hexanol, 2-ethyl-	11.56	2.6	ug/L	233712	3	11.27	456197	5.0