LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038431.D
Acq On : 30 May 2020 22:11
Operator : JC/MD
Sample : L2787-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX92

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_U\METHOD\SOMUTR053120WMA.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	1.369	3	9	16	rBV	86086	85362	5.57%	0.752%
2	1.610	73	84	97	rVB2	155260	231639	15.12%	2.040%
3	1.932	172	184	194	rBV	115096	149831	9.78%	1.319%
4	2.594	373	390	405	rBV	240643	396132	25.85%	3.489%
5	3.218	570	584	597	rBV3	9270	21621	1.41%	0.190%
6	3.398	627	640	655	rVB4	16438	35645	2.33%	0.314%
7	3.735	732	745	760	rVB2	17254	39503	2.58%	0.348%
8	4.571	988	1005	1021	rBV4	29432	73525	4.80%	0.647%
9	4.678	1021	1038	1070	rBV2	206220	640695	41.81%	5.642%
10	4.845	1076	1090	1120	rVB	169724	400088	26.11%	3.523%
11	5.102	1153	1170	1202	rVB	250326	556422	36.31%	4.900%
12	5.424	1256	1270	1284	rBV5	9925	21223	1.38%	0.187%
13	5.758	1347	1374	1401	rBV2	425361	1124908	73.40%	9.906%
14	6.282	1520	1537	1566	rBV	376747	735823	48.01%	6.480%
15	6.719	1658	1673	1693	rBV	263853	513288	33.49%	4.520%
16	7.067	1767	1781	1801	rBV	185008	337123	22.00%	2.969%
17	7.591	1931	1944	1960	rBV	134451	236923	15.46%	2.086%
18	7.922	2032	2047	2064	rBV	502733	885429	57.78%	7.797%
19	8.202	2121	2134	2155	rVB	89014	147223	9.61%	1.297%
20	8.655	2261	2275	2317	rBV	831405	1532492	100.00%	13.496%
21	8.957	2356	2369	2385	rBV4	12972	28824	1.88%	0.254%
22	9.436	2503	2518	2553	rBV	542637	922338	60.19%	8.122%
23	10.771	2921	2933	2952	rVB	215605	344906	22.51%	3.037%
24	11.825	3247	3261	3278	rBV	569091	913185	59.59%	8.042%
25	12.205	3366	3379	3396	rVB	530628	855679	55.84%	7.535%
26	17.388	4981	4991	5008	rVB2	66501	125520	8.19%	1.105%

Sum of corrected areas: 11355347

LSC Report - Integrated Chromatogram

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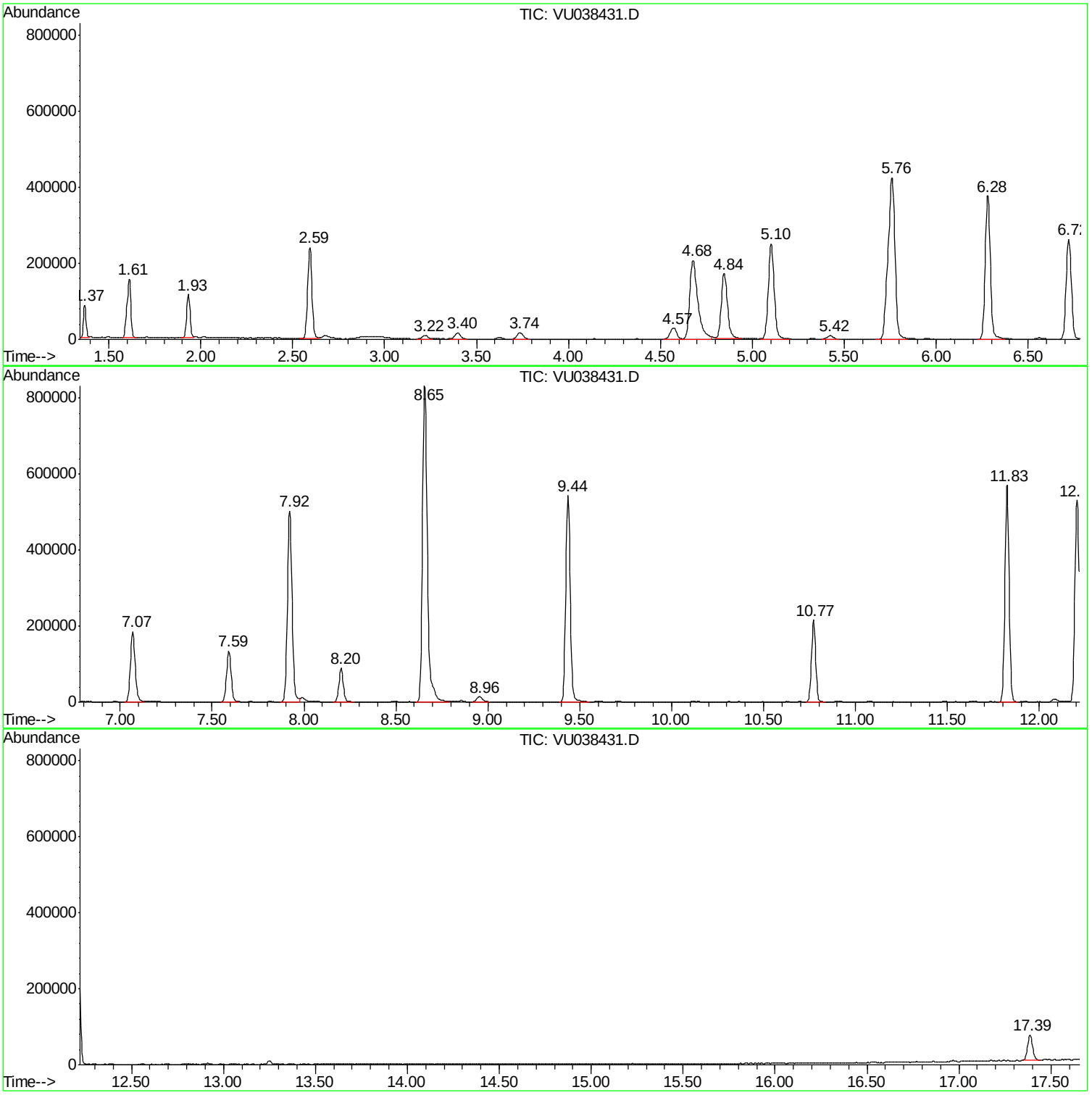
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX92

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Data File : VU038431.D
Acq On : 30 May 2020 22:11
Operator : JC/MD
Sample : L2787-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX92

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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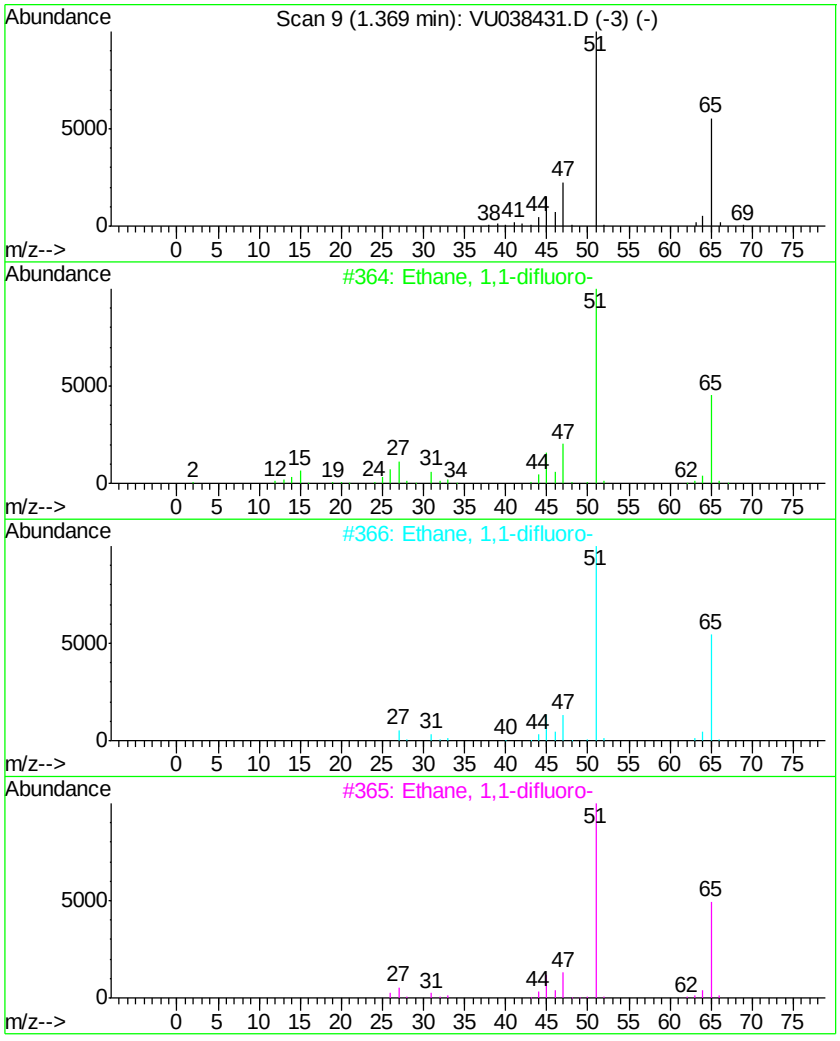
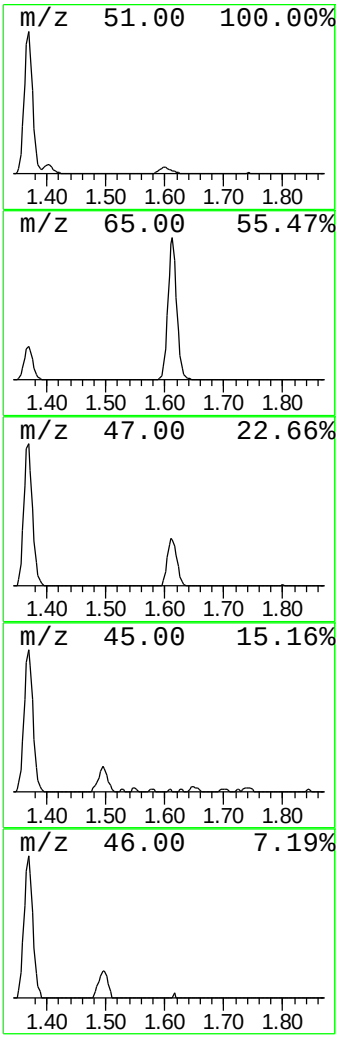
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.58 ug/L	85362	1,4-Difluorobenzene	6.28

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	Difluorochloromethane	86	CHClF2	000075-45-6	4
5	Difluorochloromethane	86	CHClF2	000075-45-6	4





Library Search Compound Report

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX92

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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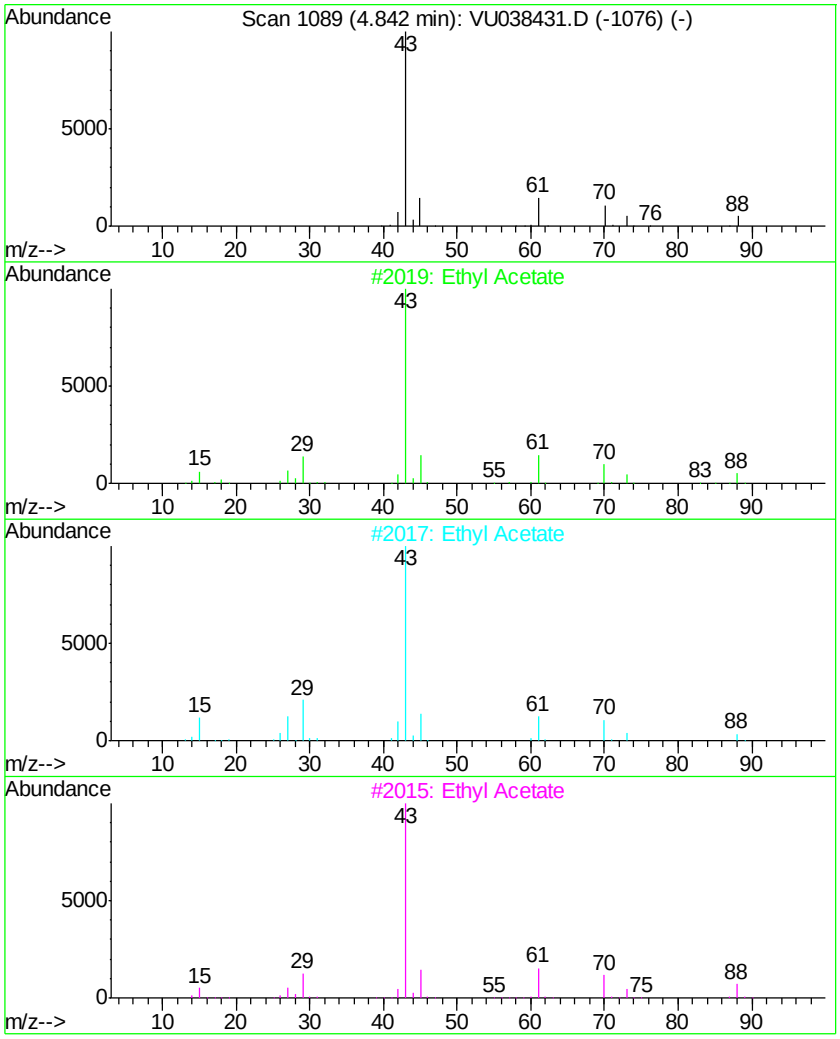
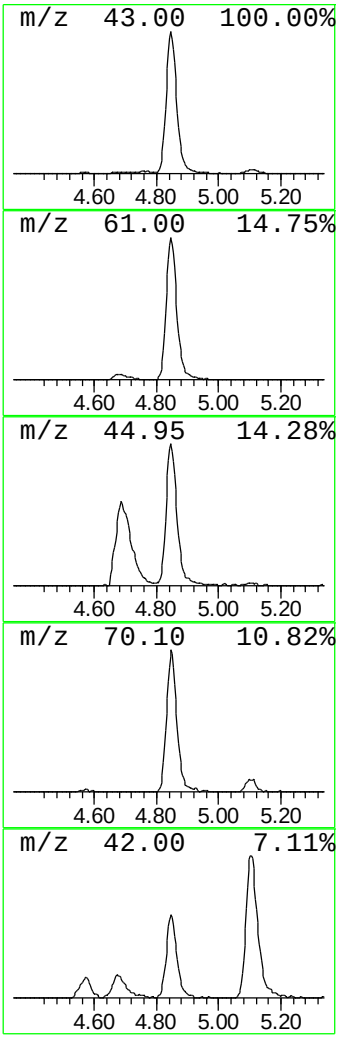
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.72 ug/L	400088	1,4-Difluorobenzene	6.28

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	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





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Data File : VU038431.D
Acq On : 30 May 2020 22:11
Operator : JC/MD
Sample : L2787-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX92

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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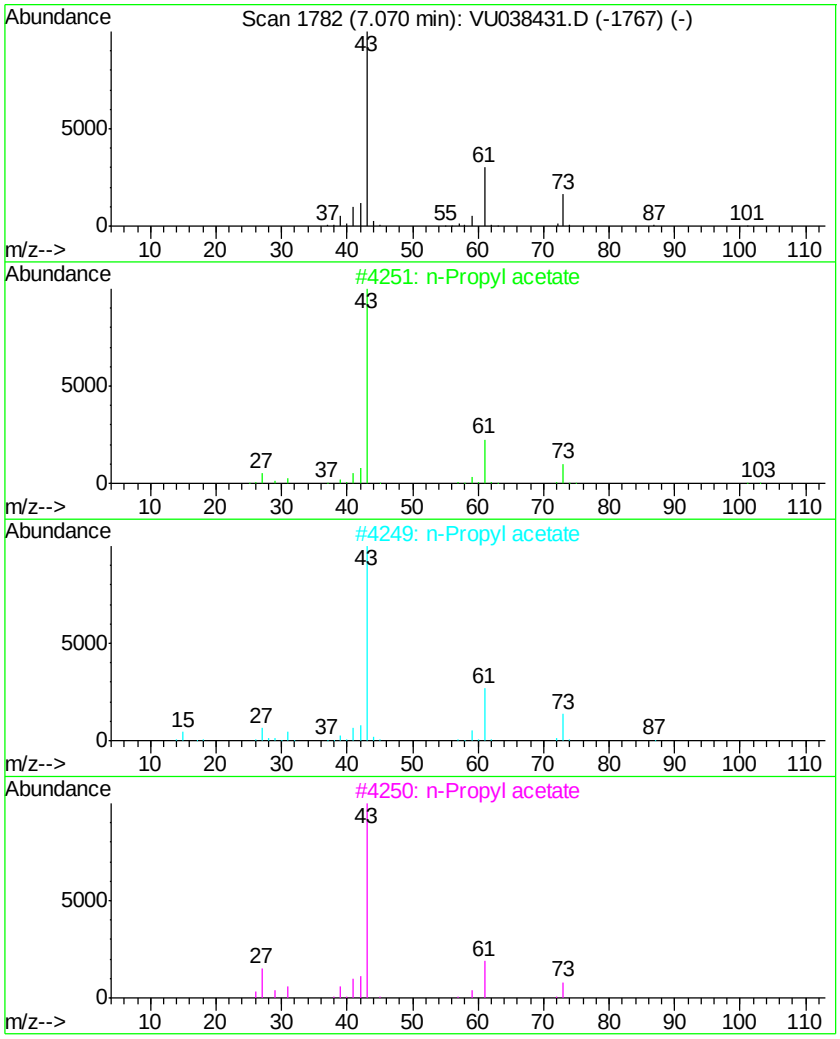
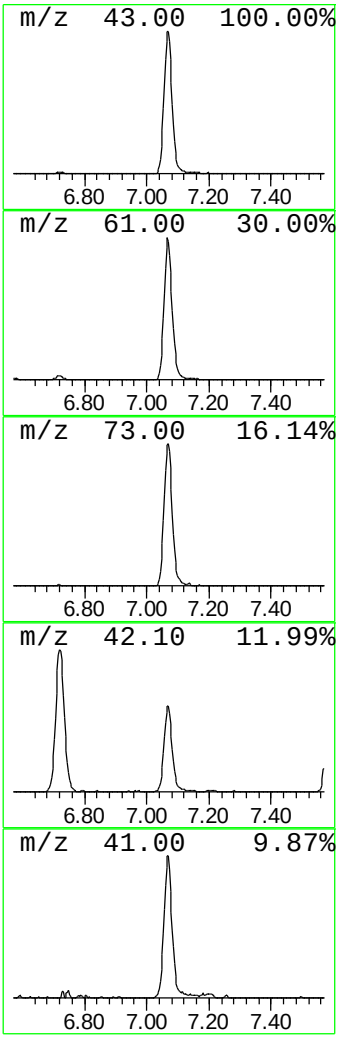
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.29 ug/L	337123	1,4-Difluorobenzene	6.28

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	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	9
5	Isobutyl acetate	116	C6H12O2	000110-19-0	9





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX92

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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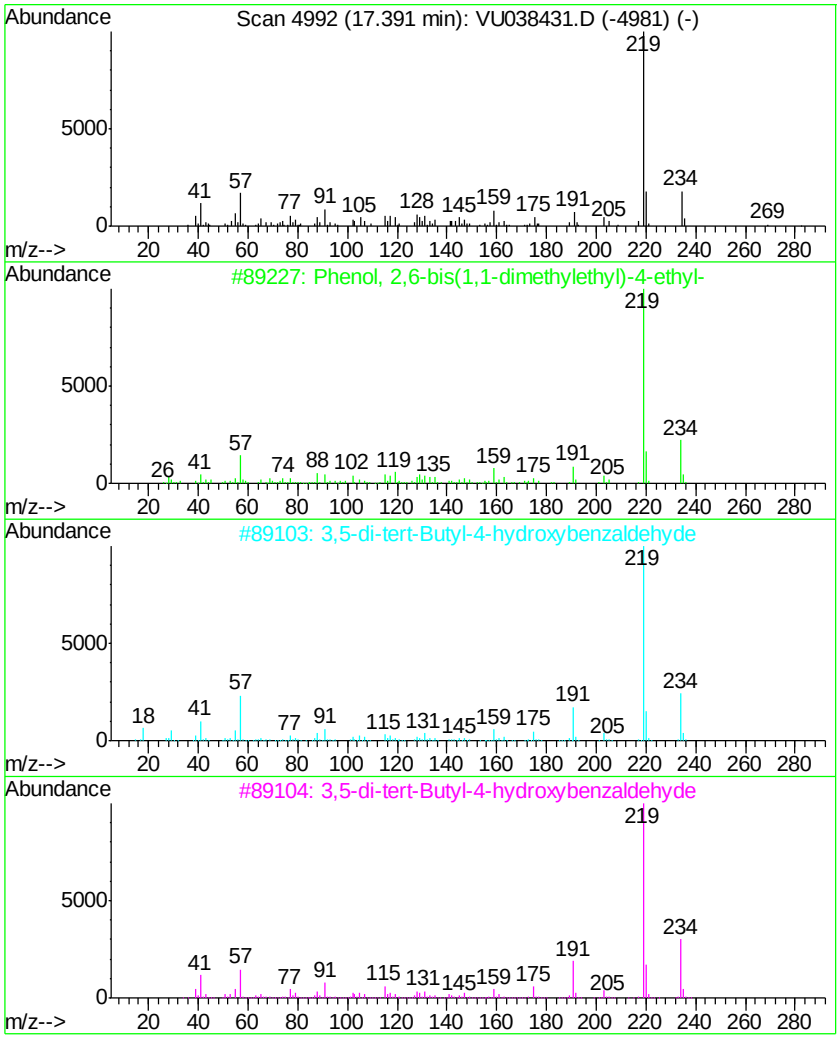
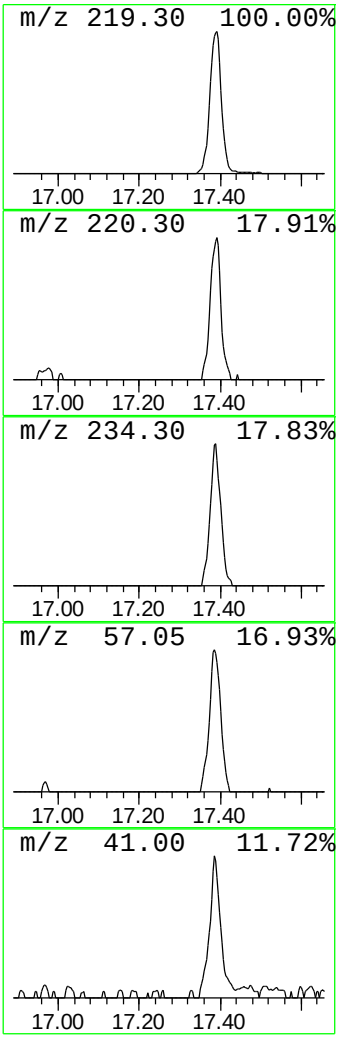
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	0.69 ug/L	125520	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	98
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	94
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	94
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	94
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
Data File : VU038431.D
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Operator : JC/MD
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ALS Vial : 1 Sample Multiplier: 1

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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...	1.37	0.6	ug/L	85362	1	6.28	735823	5.0
Ethyl Acetate	4.84	2.7	ug/L	400088	1	6.28	735823	5.0
n-Propyl acetate	7.07	2.3	ug/L	337123	1	6.28	735823	5.0
Phenol, 2,6-bis(1...	17.39	0.7	ug/L	125520	3	11.82	913185	5.0