LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038623.D
Acq On : 06 Jun 2020 17:39
Operator : SY/MD
Sample : L2910-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D44

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	18	rBV2	18976	19575	1.32%	0.199%
2	1.613	75	85	93	rBV	95813	108147	7.27%	1.102%
3	1.932	176	184	198	rVB	88952	115178	7.75%	1.173%
4	2.594	377	390	404	rBV	176871	297085	19.98%	3.027%
5	2.671	404	414	431	rVB2	14975	37697	2.54%	0.384%
6	2.890	450	482	485	rBV2	19324	81251	5.46%	0.828%
7	4.674	1020	1037	1074	rBV	202128	604710	40.67%	6.160%
8	4.848	1078	1091	1114	rVB	71049	163283	10.98%	1.663%
9	5.102	1153	1170	1195	rVB2	189656	412850	27.77%	4.206%
10	5.423	1255	1270	1285	rBV4	19582	44247	2.98%	0.451%
11	5.761	1352	1375	1411	rBV2	368149	980256	65.93%	9.986%
12	6.279	1521	1536	1562	rBV	371861	717652	48.27%	7.311%
13	6.719	1659	1673	1690	rBV	238103	458178	30.82%	4.668%
14	7.591	1931	1944	1960	rBV	118806	208765	14.04%	2.127%
15	7.922	2033	2047	2064	rBV	440563	761804	51.24%	7.761%
16	8.201	2121	2134	2153	rBV	79128	132149	8.89%	1.346%
17	8.655	2261	2275	2308	rBV	826525	1486791	100.00%	15.146%
18	9.436	2504	2518	2540	rBV	536089	904176	60.81%	9.211%
19	10.539	2851	2861	2872	rBV2	8813	14892	1.00%	0.152%
20	10.770	2921	2933	2951	rVB	214822	347635	23.38%	3.541%
21	11.822	3247	3260	3277	rVB	568048	897332	60.35%	9.141%
22	12.079	3328	3340	3361	rBV2	52360	113367	7.62%	1.155%
23	12.205	3366	3379	3392	rVB	498172	803512	54.04%	8.186%
24	17.388	4980	4991	5004	rBV	56206	105568	7.10%	1.075%

Sum of corrected areas: 9816100

LSC Report - Integrated Chromatogram

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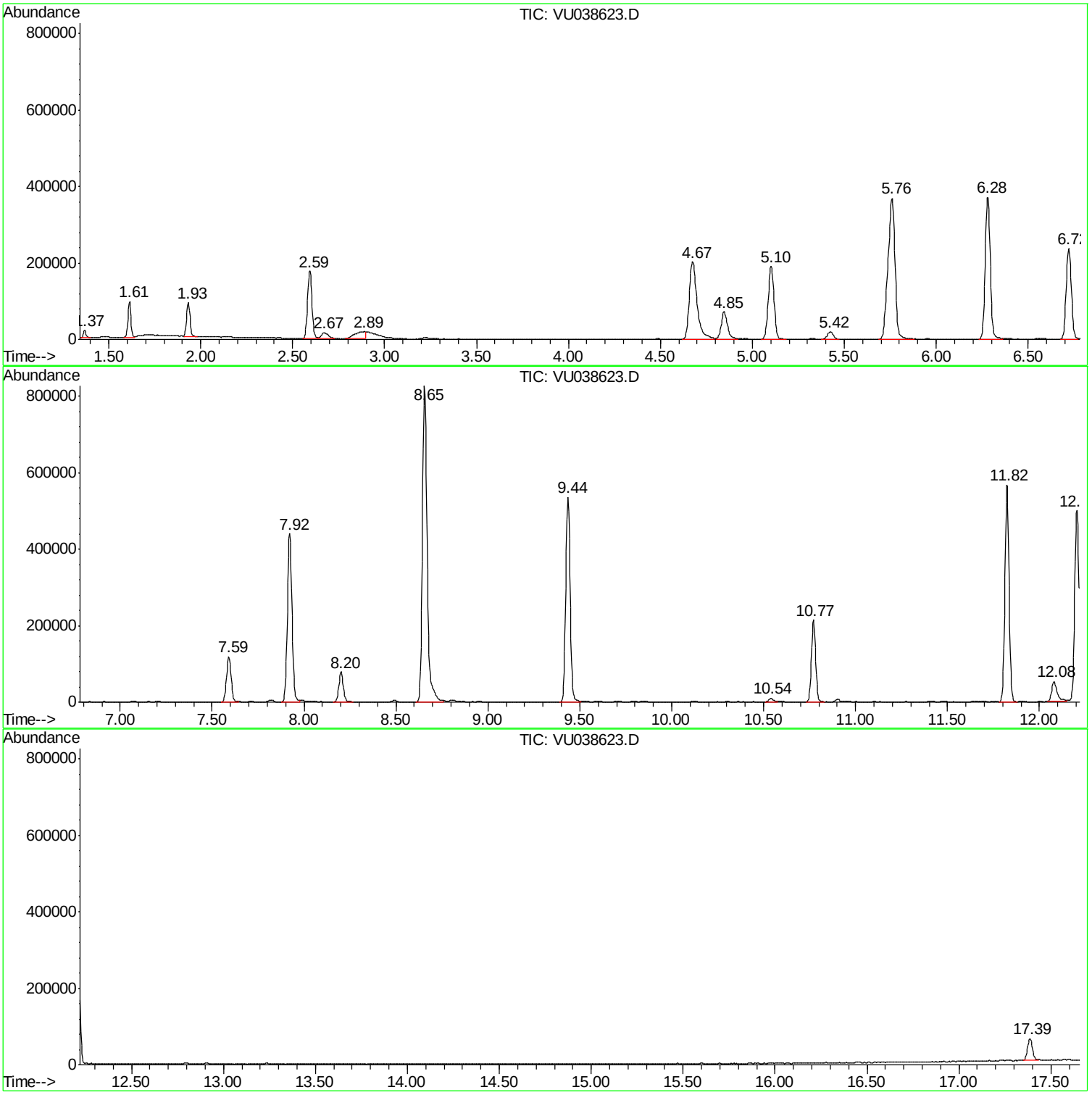
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D44

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



Library Search Compound Report

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Data File : VU038623.D
Acq On : 06 Jun 2020 17:39
Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D44

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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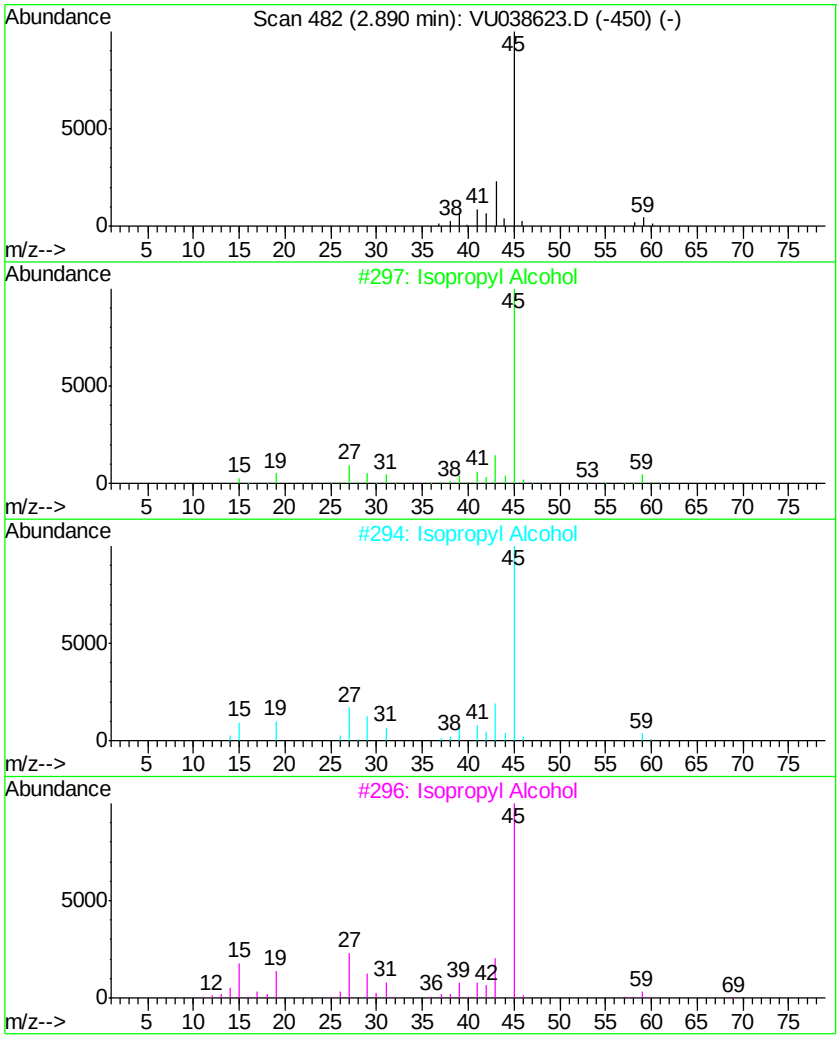
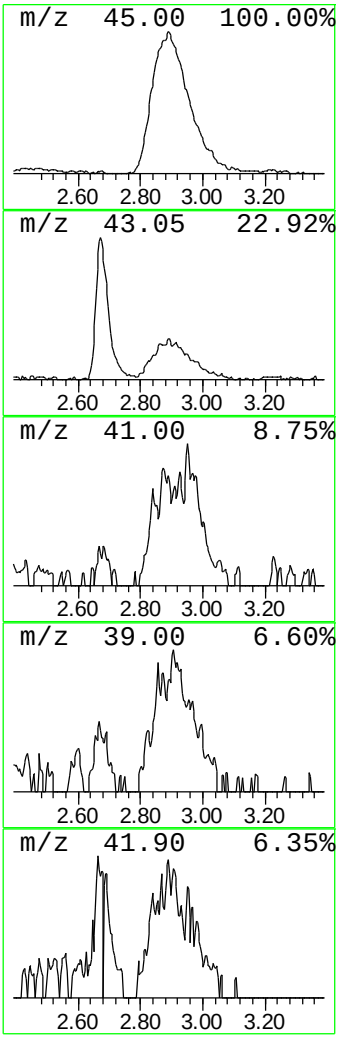
Peak Number 1 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	0.57 ug/L	81251	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	43
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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Data File : VU038623.D
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Operator : SY/MD
Sample : L2910-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D44

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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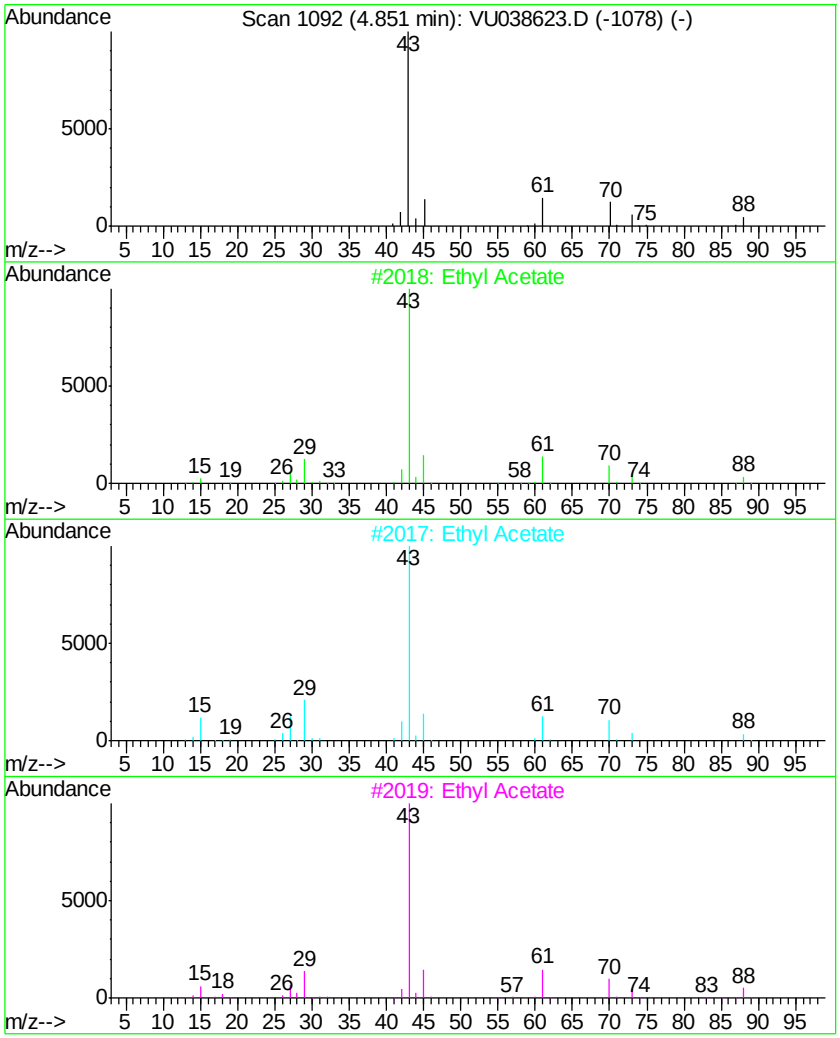
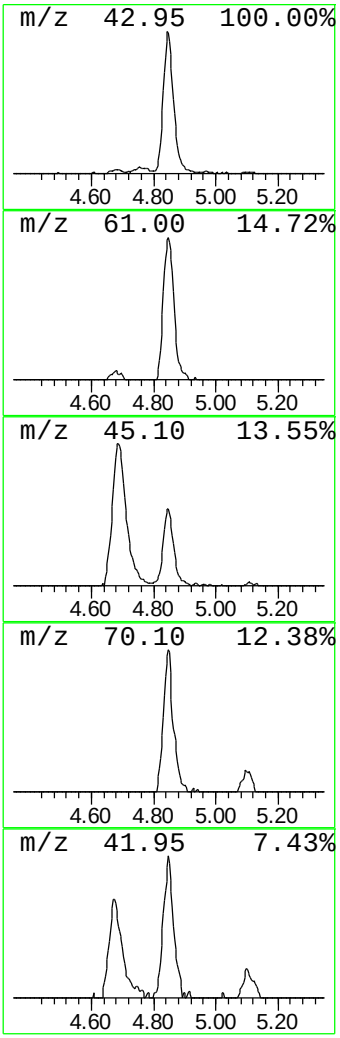
Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	1.14 ug/L	163283	1,4-Difluorobenzene	6.28

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	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Library Search Compound Report

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Acq On : 06 Jun 2020 17:39
Operator : SY/MD
Sample : L2910-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D44

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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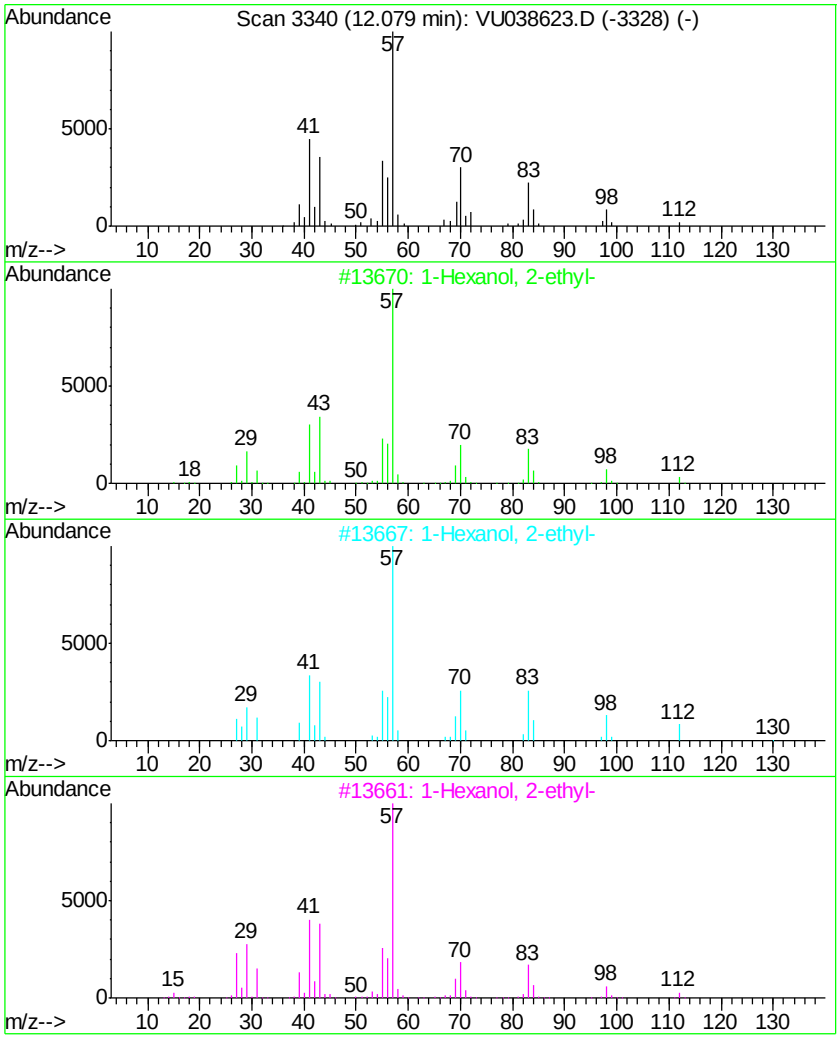
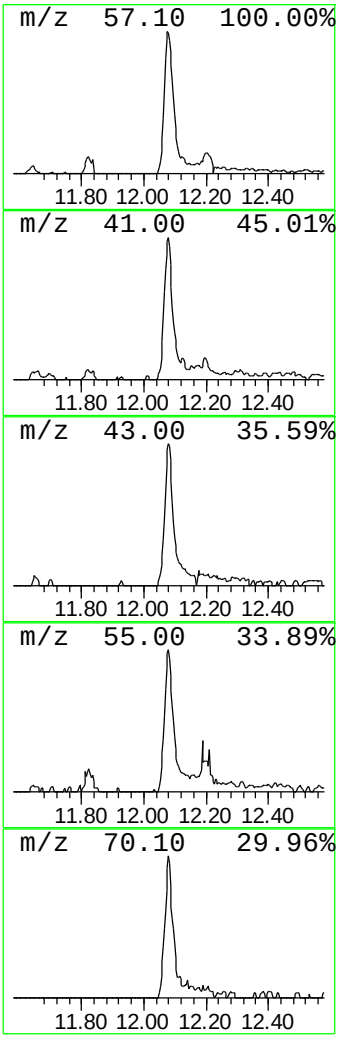
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	0.63 ug/L	113367	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D44

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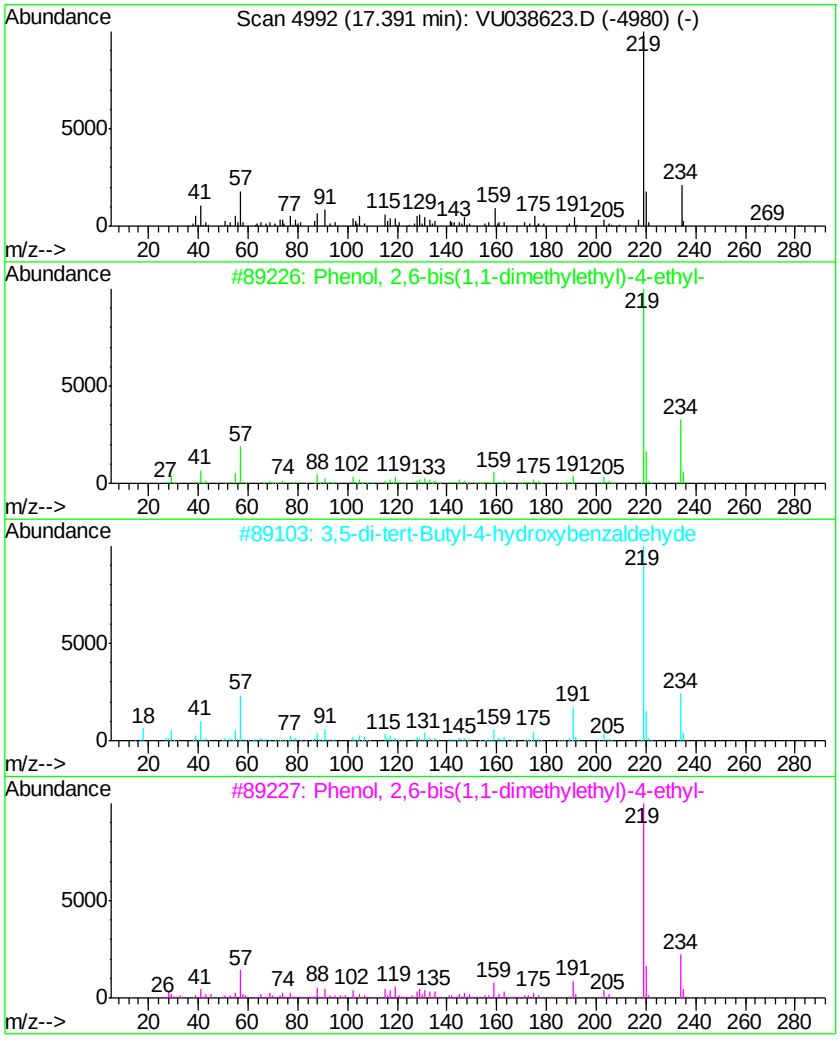
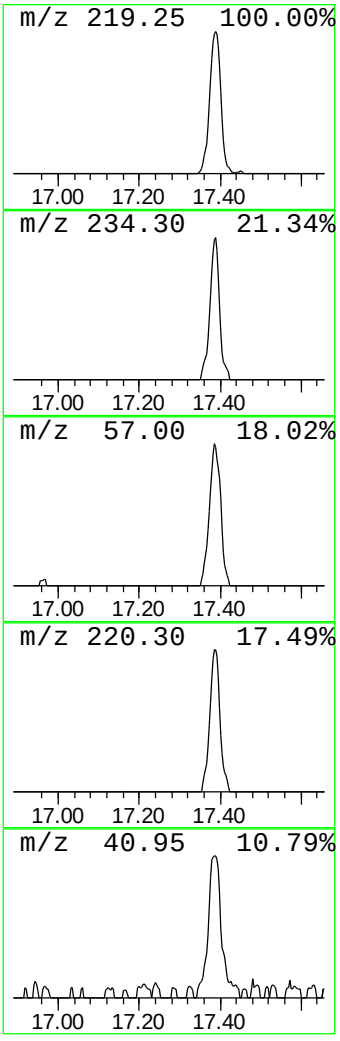
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	0.59 ug/L	105568	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	95
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	90
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87





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
Isopropyl Alcohol	2.89	0.6	ug/L	81251	1	6.28	717652	5.0
Ethyl Acetate	4.85	1.1	ug/L	163283	1	6.28	717652	5.0
1-Hexanol, 2-ethyl-	12.08	0.6	ug/L	113367	3	11.83	897332	5.0
Phenol, 2,6-bis(1...	17.39	0.6	ug/L	105568	3	11.83	897332	5.0