LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040093.D
Acq On : 10 Sep 2020 19:58
Operator : SY/MD
Sample : L3961-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y36

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\SOMUTR083120WMA.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	1.604	72	82	93	rVB	47479	60888	14.92%	1.585%
2	1.761	97	131	133	rBV2	60336	283879	69.56%	7.390%
3	1.922	176	181	191	rVB	37809	47333	11.60%	1.232%
4	2.581	373	386	399	rBV	78204	129597	31.75%	3.374%
5	2.658	399	410	435	rVV2	23828	69148	16.94%	1.800%
6	2.839	442	466	470	rBV2	87949	259636	63.62%	6.759%
7	3.887	778	792	806	rVB7	4642	11642	2.85%	0.303%
8	4.652	1015	1030	1051	rBV	56510	158853	38.92%	4.135%
9	4.826	1071	1084	1103	rVB2	23250	52314	12.82%	1.362%
10	5.083	1148	1164	1180	rBV	69963	151498	37.12%	3.944%
11	5.742	1346	1369	1384	rBV2	130192	342987	84.04%	8.929%
12	6.263	1516	1531	1547	rBV	141522	261180	64.00%	6.799%
13	6.703	1655	1668	1687	rBV	84725	162090	39.72%	4.220%
14	7.575	1927	1939	1951	rBV	40552	69973	17.15%	1.822%
15	7.906	2028	2042	2058	rBV	147214	252595	61.89%	6.576%
16	8.186	2118	2129	2143	rBV2	25918	43584	10.68%	1.135%
17	8.639	2254	2270	2298	rBV	228128	408123	100.00%	10.624%
18	8.932	2350	2361	2380	rBV3	7035	17343	4.25%	0.451%
19	9.420	2500	2513	2536	rBV	207822	343493	84.16%	8.942%
20	10.530	2848	2858	2864	rBV2	2842	4747	1.16%	0.124%
21	10.755	2917	2928	2942	rVB	68726	107796	26.41%	2.806%
22	11.806	3242	3255	3269	rBV	185155	299946	73.49%	7.808%
23	12.057	3317	3333	3350	rBV2	28942	50337	12.33%	1.310%
24	12.189	3362	3374	3388	rVB	156023	252364	61.84%	6.570%

Sum of corrected areas: 3841346

LSC Report - Integrated Chromatogram

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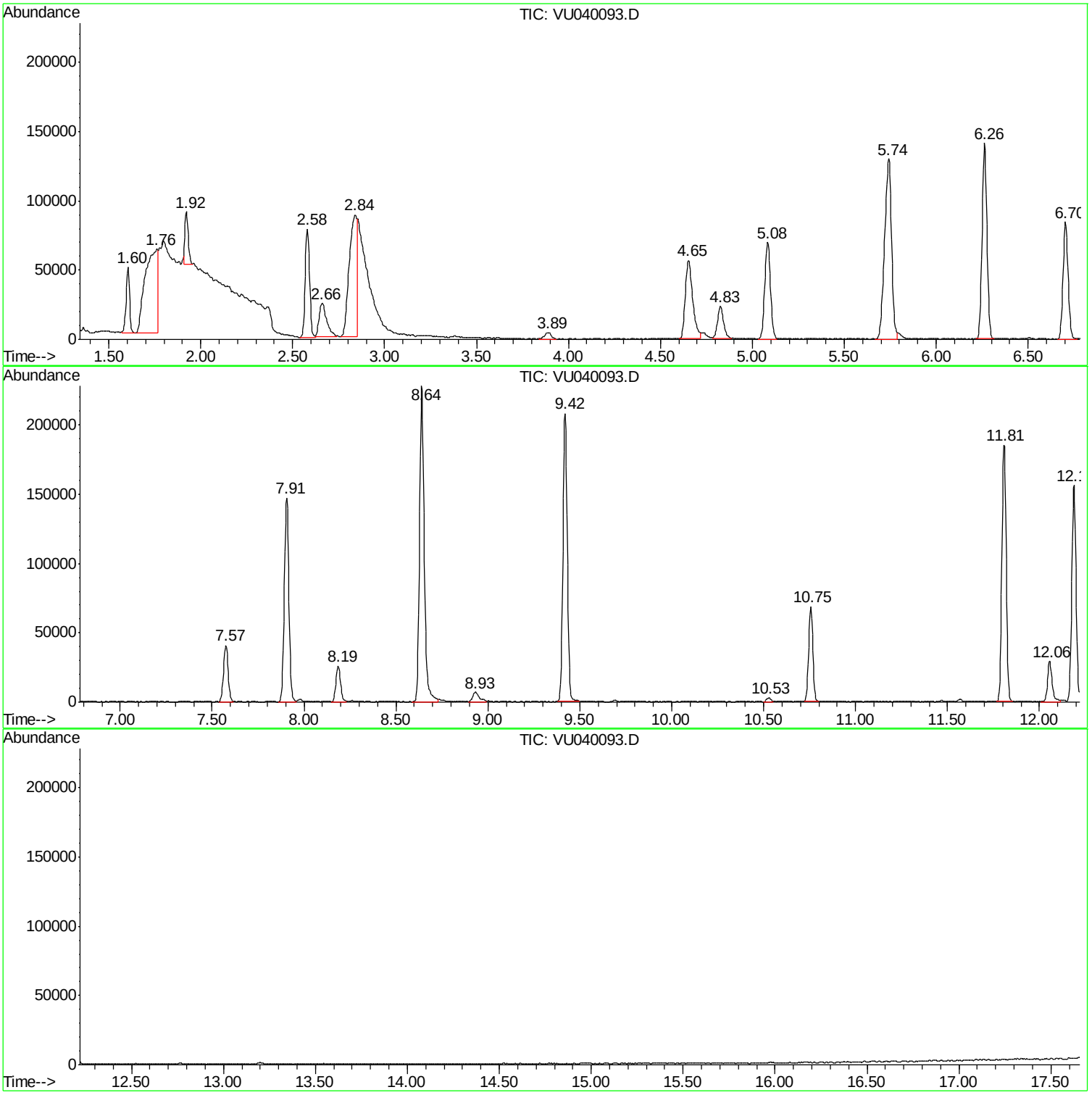
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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 : VU040093.D
Acq On : 10 Sep 2020 19:58
Operator : SY/MD
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Instrument : MSVOA_U
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Quant Title : TRACE VOA SOM01.0

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

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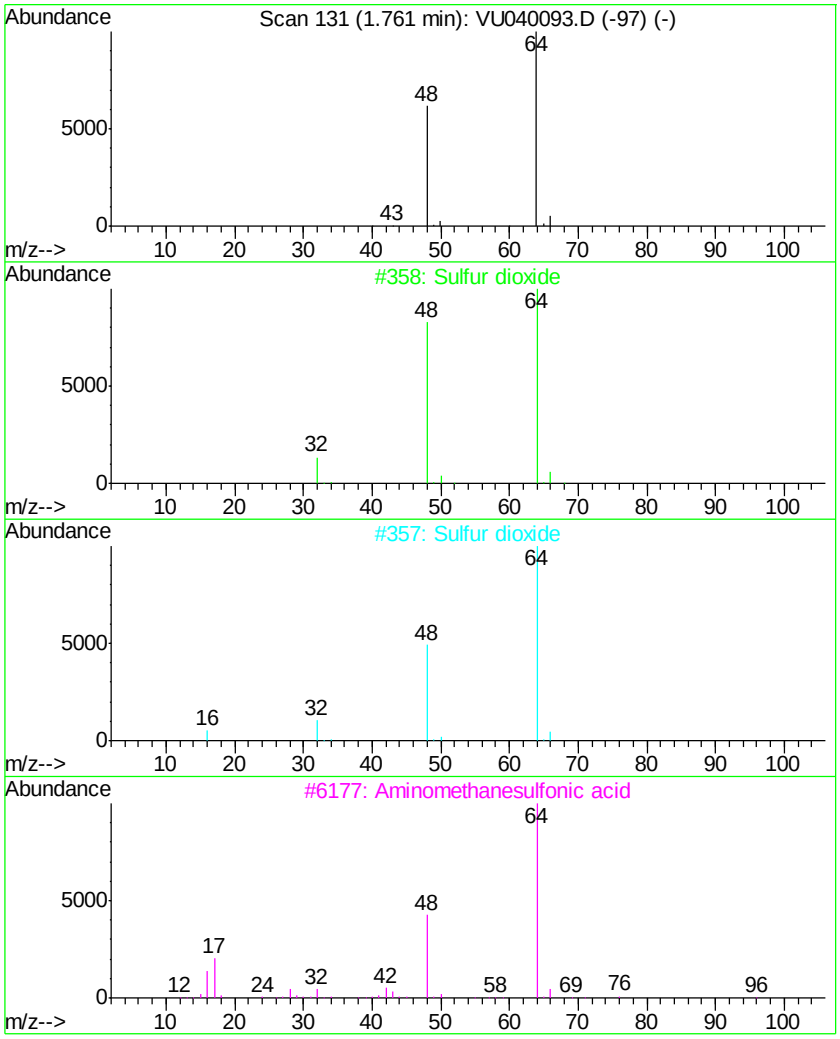
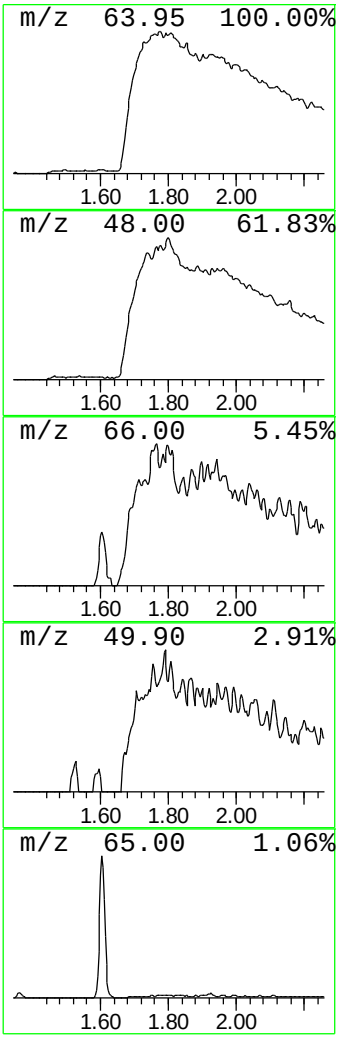
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	5.43 ug/L	283879	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040093.D
Acq On : 10 Sep 2020 19:58
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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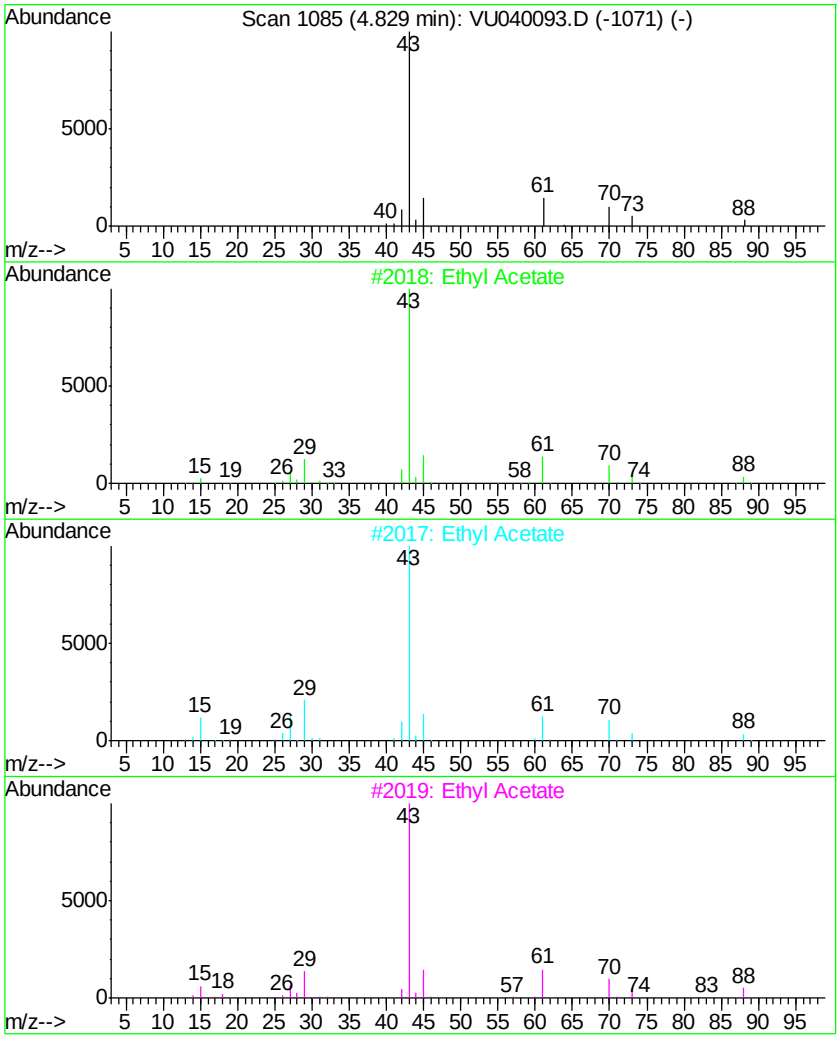
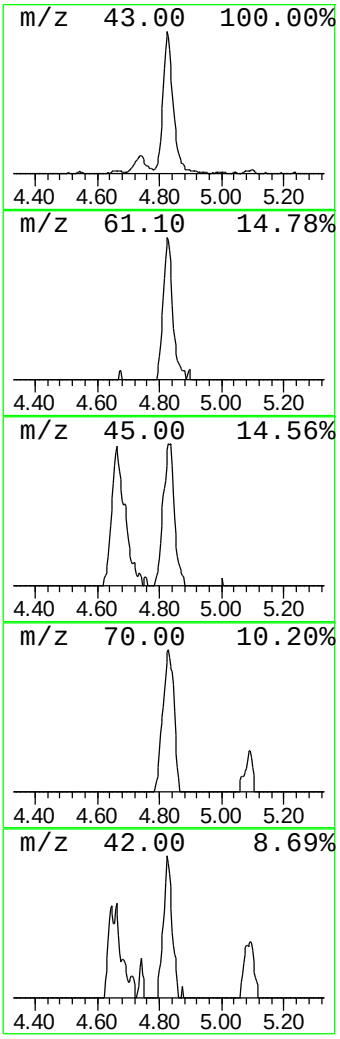
Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	1.00 ug/L	52314	1,4-Difluorobenzene	6.26

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	(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9





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Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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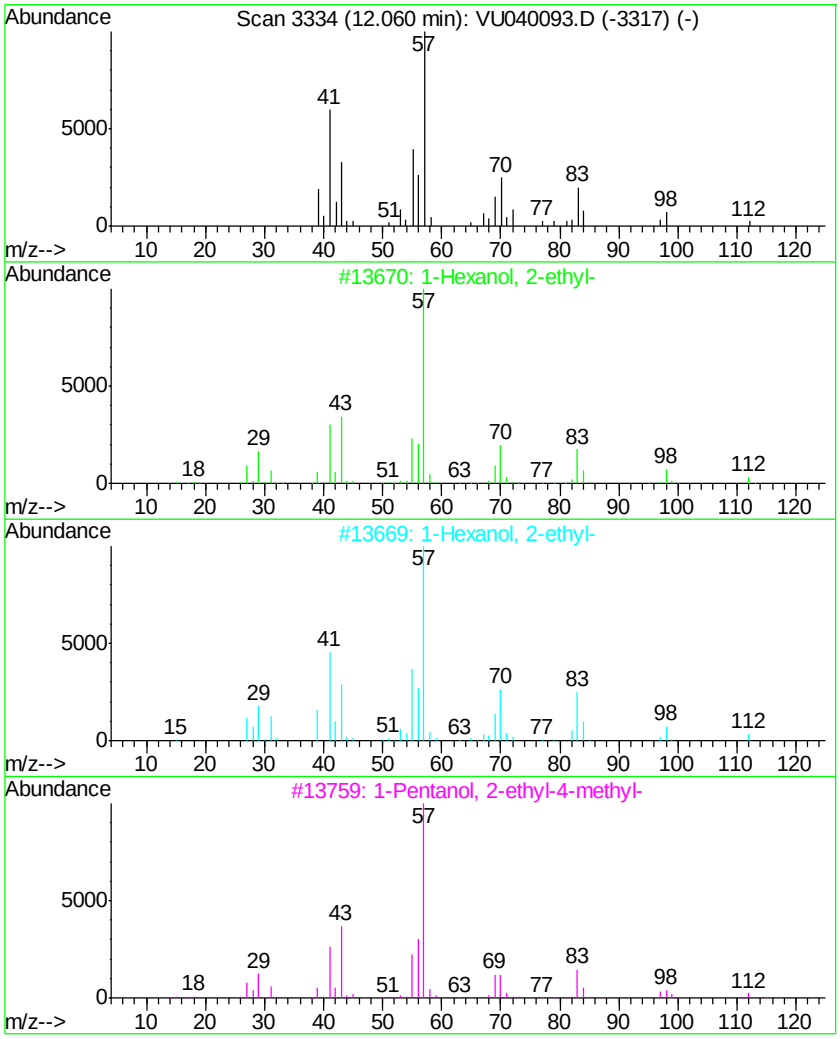
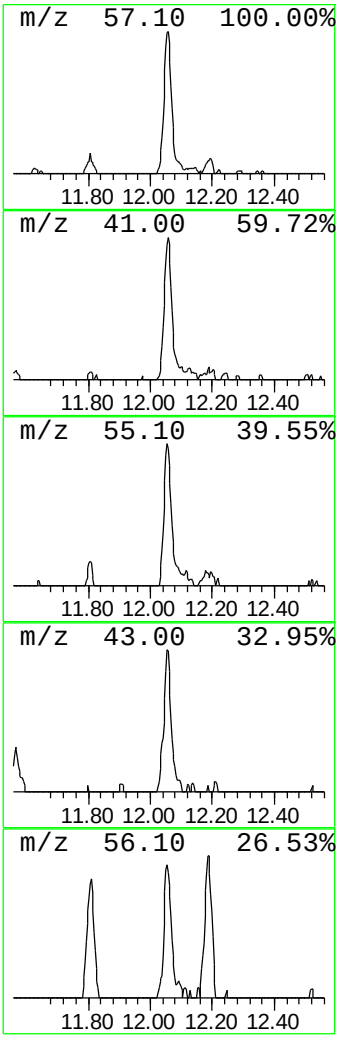
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.84 ug/L	50337	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
4	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	53
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





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
Sulfur dioxide	1.76	5.4	ug/L	283879	1	6.26	261180	5.0
Ethyl Acetate	4.83	1.0	ug/L	52314	1	6.26	261180	5.0
1-Hexanol, 2-ethyl-	12.06	0.8	ug/L	50337	3	11.81	299946	5.0