LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
Data File : VU027686.D
Acq On : 17 Oct 2018 18:56
Operator : MD/SY
Sample : J5463-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC0

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\SOMUTR101718WMA.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	1.399	62	70	82	rBV	41123	47526	13.28%	1.635%
2	1.524	90	109	117	rBV3	14587	38907	10.88%	1.338%
3	1.685	153	159	178	rVB	36568	55757	15.58%	1.918%
4	2.280	334	344	354	rBV	60465	92864	25.96%	3.194%
5	2.473	393	404	421	rBV	16432	38963	10.89%	1.340%
6	3.405	691	694	708	rVB7	3930	6218	1.74%	0.214%
7	4.234	926	952	978	rBV2	65253	294186	82.23%	10.118%
8	4.652	1066	1082	1101	rBV	46595	109140	30.51%	3.754%
9	5.344	1275	1297	1319	rBV2	99808	278047	77.72%	9.563%
10	5.890	1451	1467	1484	rBV	92152	185365	51.81%	6.375%
11	6.189	1548	1560	1574	rBV8	5734	12306	3.44%	0.423%
12	6.334	1592	1605	1622	rBV2	64311	130090	36.36%	4.474%
13	6.836	1750	1761	1771	rBV3	6036	11316	3.16%	0.389%
14	7.231	1872	1884	1899	rBV2	37494	68341	19.10%	2.350%
15	7.398	1922	1936	1949	rBV2	18160	35922	10.04%	1.235%
16	7.566	1970	1988	2005	rBV	131674	239163	66.85%	8.225%
17	7.636	2007	2010	2023	rVB3	4742	7909	2.21%	0.272%
18	7.855	2065	2078	2090	rBV	22727	41069	11.48%	1.412%
19	8.315	2208	2221	2253	rBV	194809	357763	100.00%	12.304%
20	9.093	2451	2463	2483	rBV	131071	222691	62.25%	7.659%
21	9.376	2541	2551	2567	rBV4	9125	16619	4.65%	0.572%
22	9.784	2669	2678	2690	rBV3	5532	8767	2.45%	0.302%
23	10.434	2869	2880	2894	rBV	47407	75258	21.04%	2.588%
24	11.334	3149	3160	3167	rBV4	2313	3613	1.01%	0.124%
25	11.485	3195	3207	3226	rVB	136419	218631	61.11%	7.519%
26	11.749	3278	3289	3300	rBV3	6508	12397	3.47%	0.426%
27	11.861	3308	3324	3339	rBV	124904	200194	55.96%	6.885%
28	16.556	4776	4784	4791	rBV8	3343	4978	1.39%	0.171%
29	16.951	4897	4907	4917	rBV2	61702	93611	26.17%	3.220%

Sum of corrected areas: 2907611

LSC Report - Integrated Chromatogram

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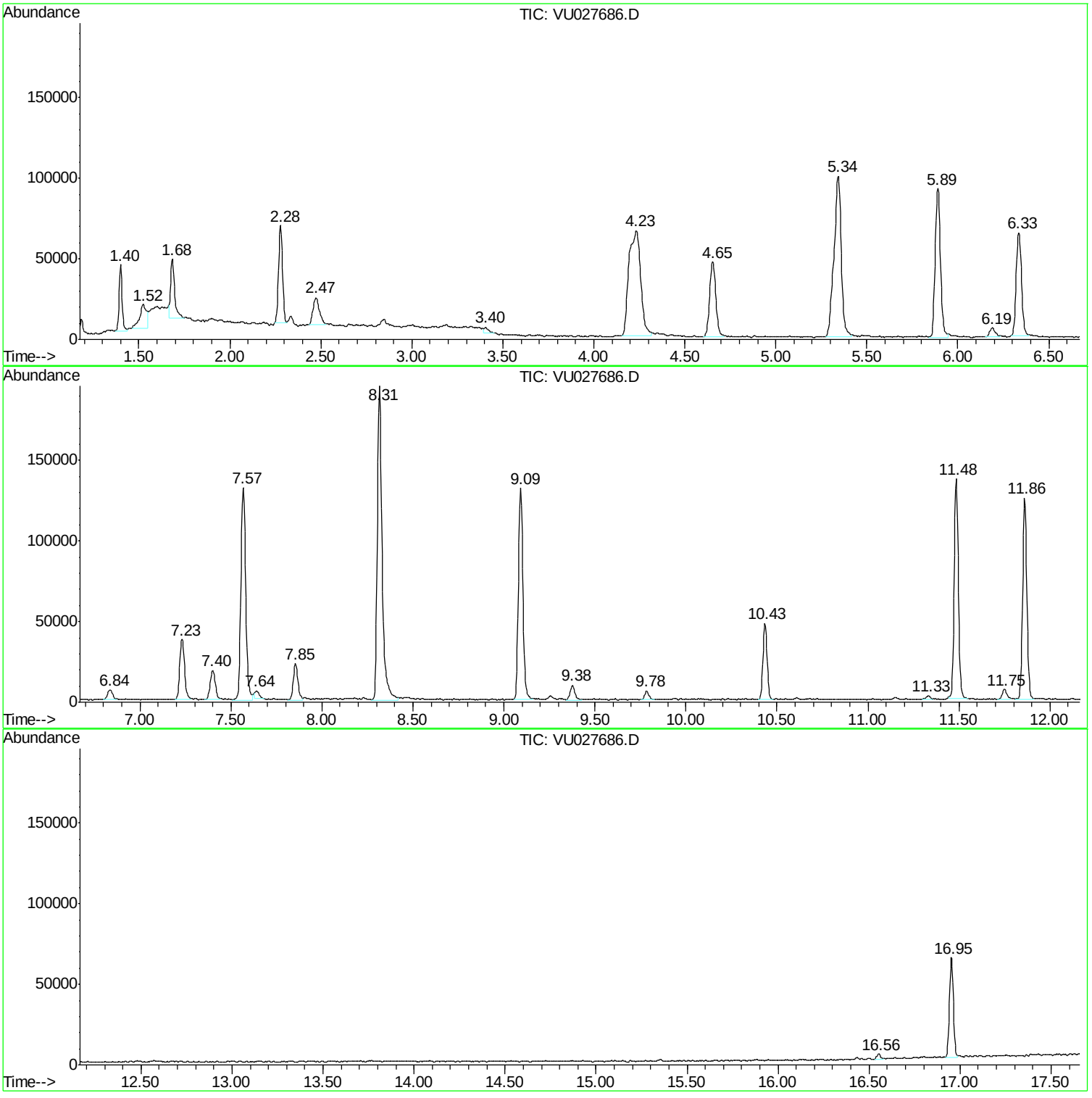
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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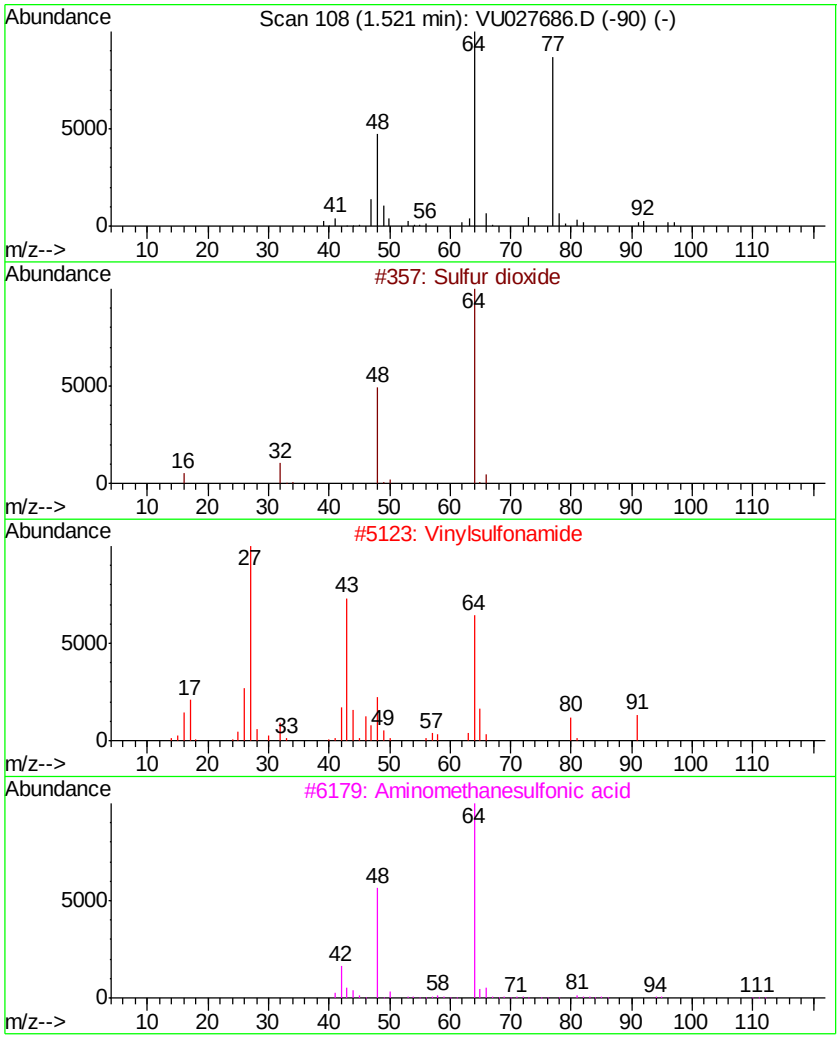
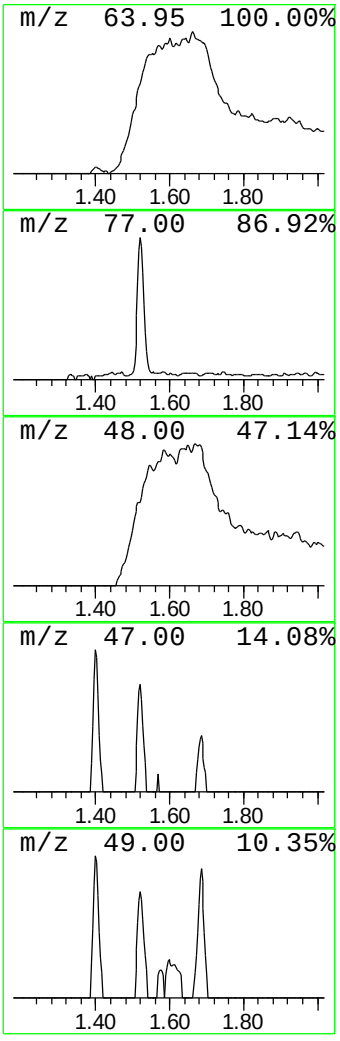
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	1.05 ug/L	38907	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	45
2	Vinylsulfonamide	107	C2H5NO2S	002386-58-5	39
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	38
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	9





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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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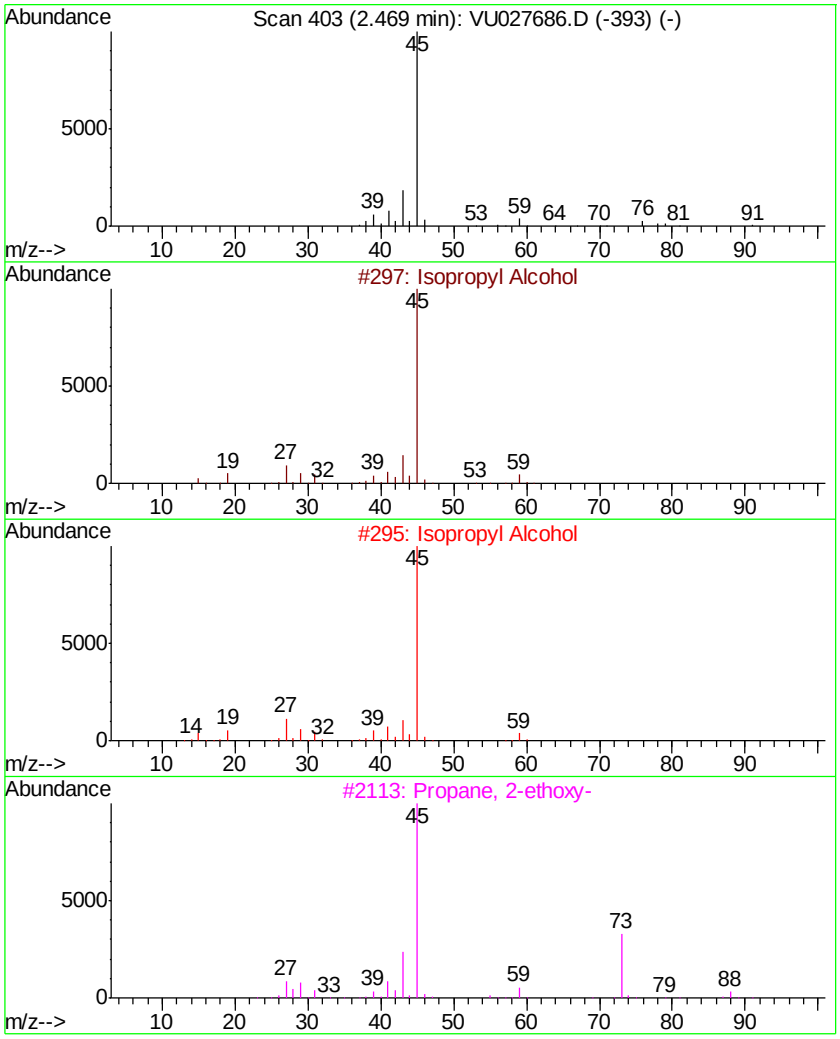
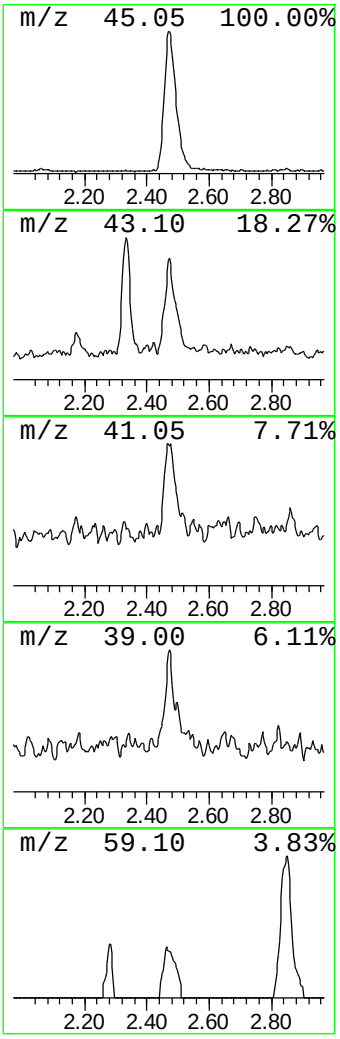
Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	1.05 ug/L	38963	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	39
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	E-1-Methoxy-3-hexene	114	C7H14O	121441-40-5	9





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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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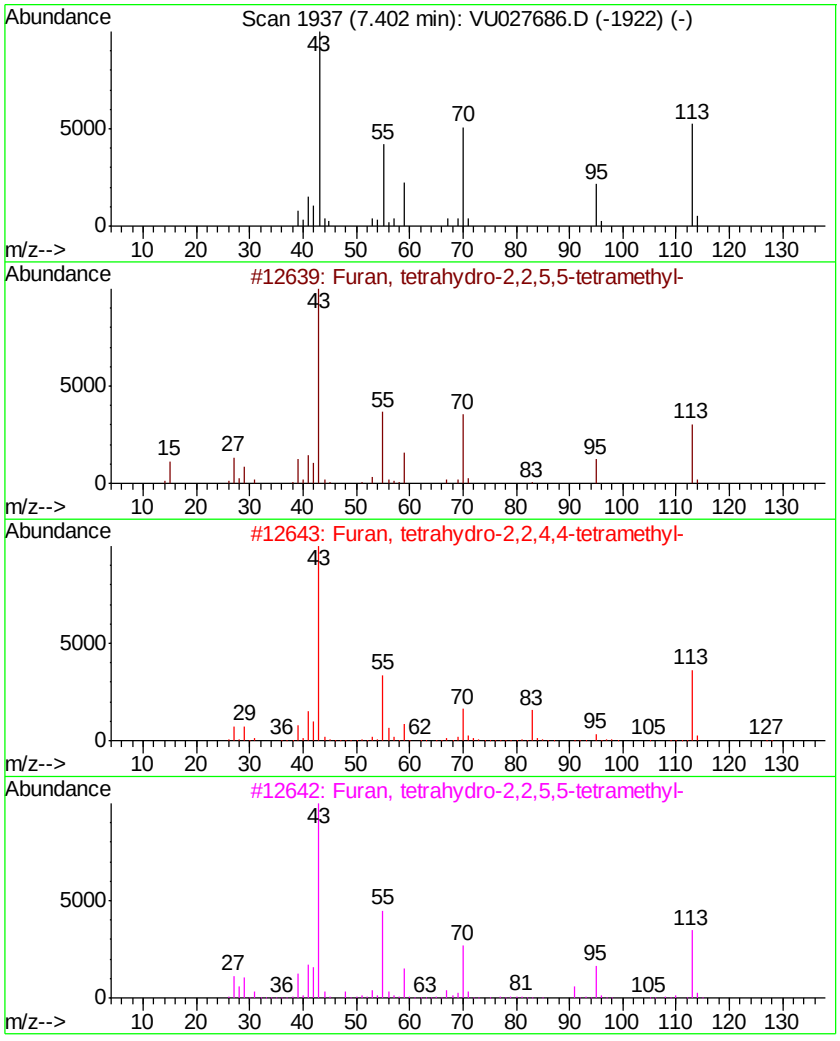
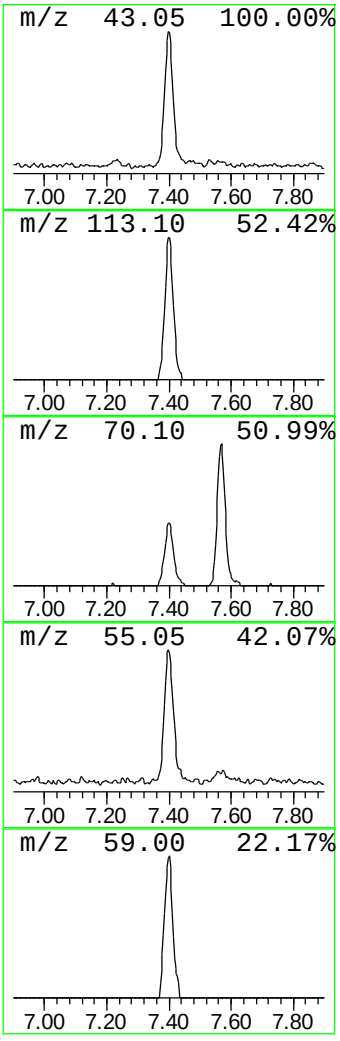
Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	0.97 ug/L	35922	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83
2	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	53
3	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	50
4	Piperazine, 1-[(2,4-dichlorobenz...	286	C13H16Cl2N2O	1000137-95-1	43
5	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	42





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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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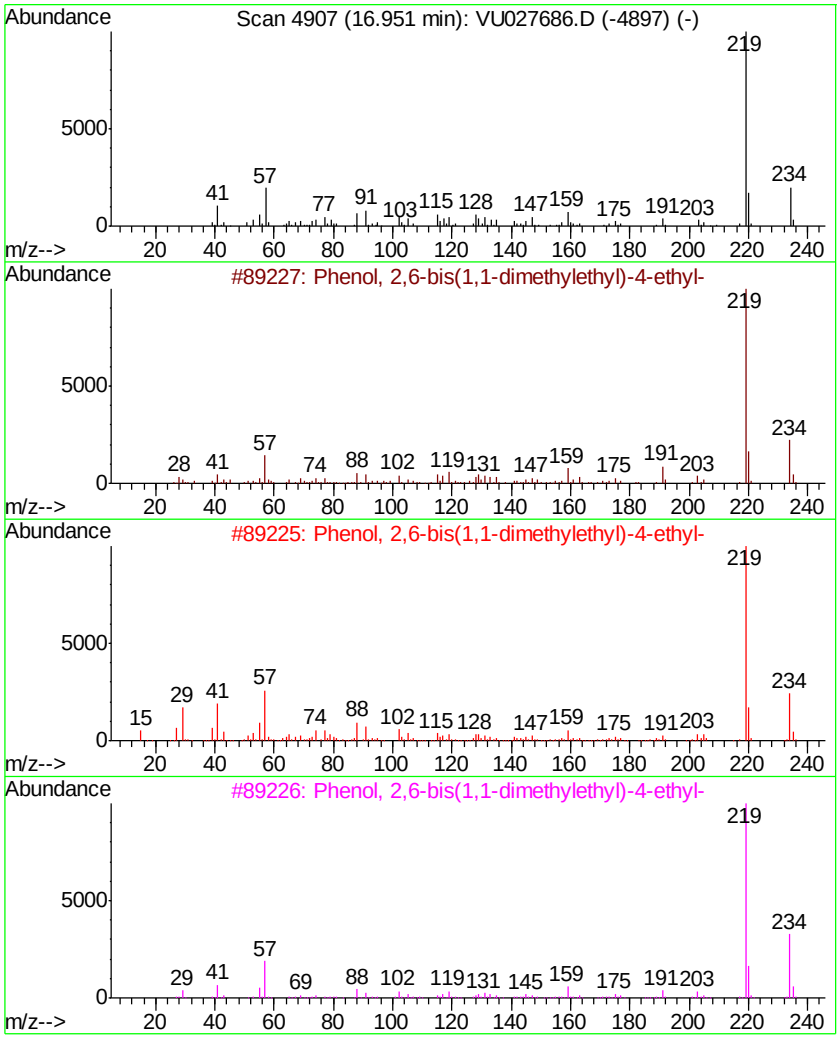
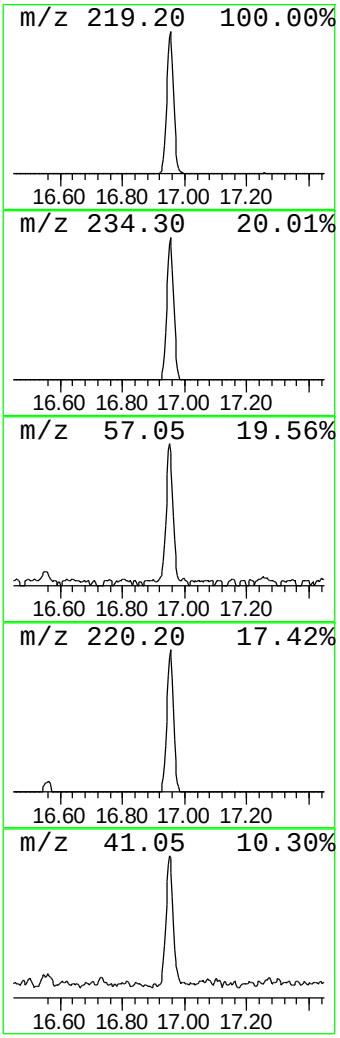
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.14 ug/L	93611	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	76





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.52	1.1	ug/L	38907	1	5.89	185365	5.0
Isopropyl Alcohol	2.47	1.1	ug/L	38963	1	5.89	185365	5.0
Furan, tetrahydro...	7.40	1.0	ug/L	35922	1	5.89	185365	5.0
Phenol, 2,6-bis(1...	16.95	2.1	ug/L	93611	3	11.48	218631	5.0