LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061220\
Data File : VU038822.D
Acq On : 11 Jun 2020 14:15
Operator : SY/MD
Sample : L2933-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH6

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	1.613	76	85	94	rBV	103530	111802	8.26%	1.107%
2	1.932	175	184	194	rVB	97316	120728	8.92%	1.196%
3	2.591	376	389	402	rBV	193973	320451	23.67%	3.174%
4	2.668	403	413	434	rVB2	26928	69440	5.13%	0.688%
5	2.864	446	474	476	rBV6	47196	146827	10.85%	1.454%
6	3.218	572	584	601	rBV2	19997	47912	3.54%	0.475%
7	3.398	625	640	655	rVB3	23917	54744	4.04%	0.542%
8	3.735	726	745	761	rBV5	9978	23271	1.72%	0.230%
9	4.571	988	1005	1021	rBV2	154629	372031	27.48%	3.684%
10	4.671	1021	1036	1074	rVV3	222170	676672	49.99%	6.701%
11	4.845	1078	1090	1112	rVB2	43785	101820	7.52%	1.008%
12	5.102	1151	1170	1193	rBV2	208696	551175	40.72%	5.459%
13	5.758	1351	1374	1407	rBV2	369622	1003612	74.14%	9.939%
14	6.279	1518	1536	1557	rBV	334886	659100	48.69%	6.527%
15	6.719	1659	1673	1695	rBV	236379	462714	34.18%	4.583%
16	7.591	1929	1944	1960	rBV	118509	204889	15.14%	2.029%
17	7.739	1972	1990	2004	rBV3	51179	96581	7.13%	0.956%
18	7.922	2027	2047	2061	rBV	425996	756926	55.91%	7.496%
19	8.202	2120	2134	2148	rBV	74463	127957	9.45%	1.267%
20	8.491	2214	2224	2239	rVB2	9815	16725	1.24%	0.166%
21	8.655	2261	2275	2304	rBV	736895	1353709	100.00%	13.407%
22	9.436	2503	2518	2541	rBV	503248	851179	62.88%	8.430%
23	10.771	2920	2933	2949	rBV	204208	321244	23.73%	3.181%
24	10.902	2962	2974	2984	rBV3	17905	28066	2.07%	0.278%
25	11.822	3243	3260	3276	rBV	524876	835014	61.68%	8.270%
26	12.205	3366	3379	3395	rBV	475498	768092	56.74%	7.607%
27	12.909	3590	3598	3608	rVB6	10369	14677	1.08%	0.145%

Sum of corrected areas: 10097358

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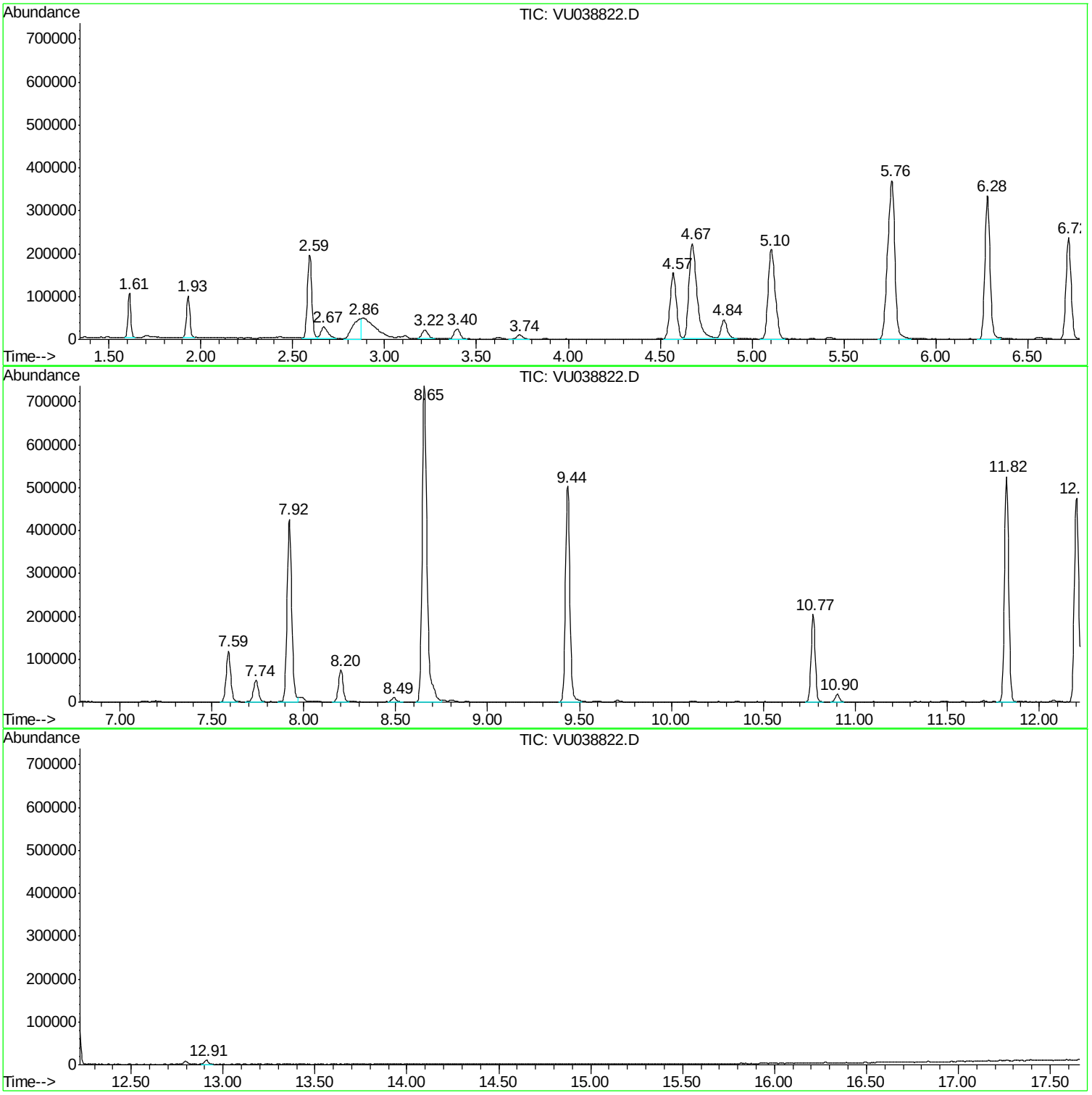
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

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 : VU038822.D
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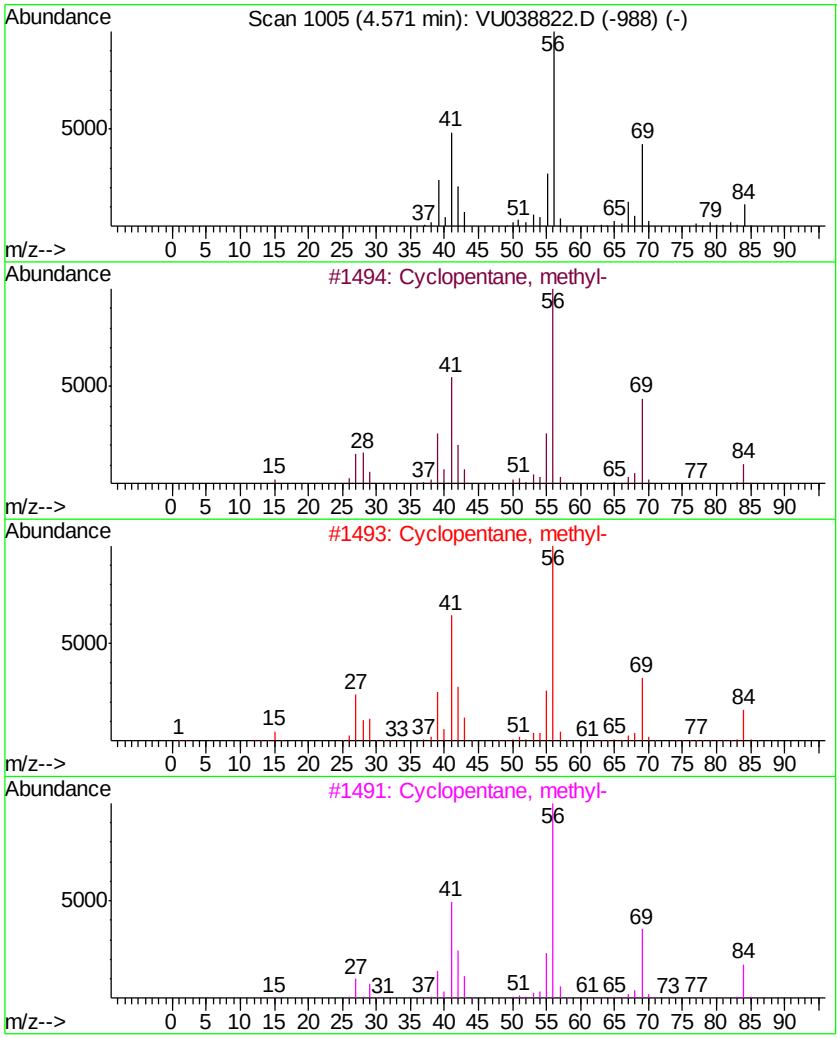
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

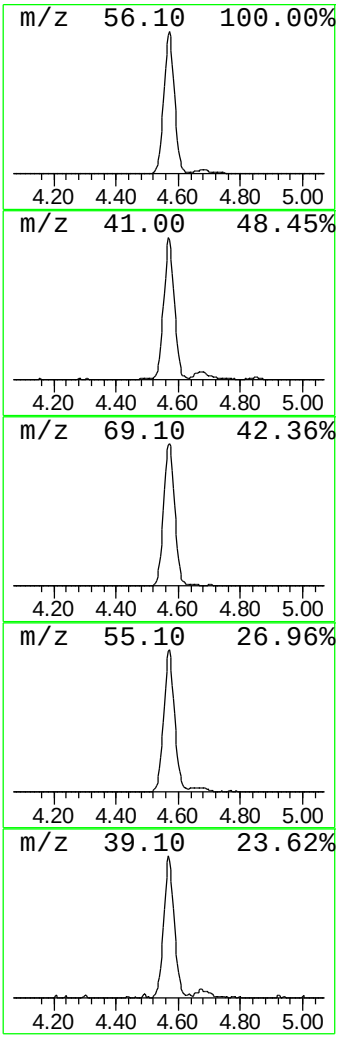
****

Peak Number 1 (DEL) Alkane: Cyclic4.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	2.82 ug/L	372031	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Library Search Compound Report

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Data File : VU038822.D
Acq On : 11 Jun 2020 14:15
Operator : SY/MD
Sample : L2933-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH6

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

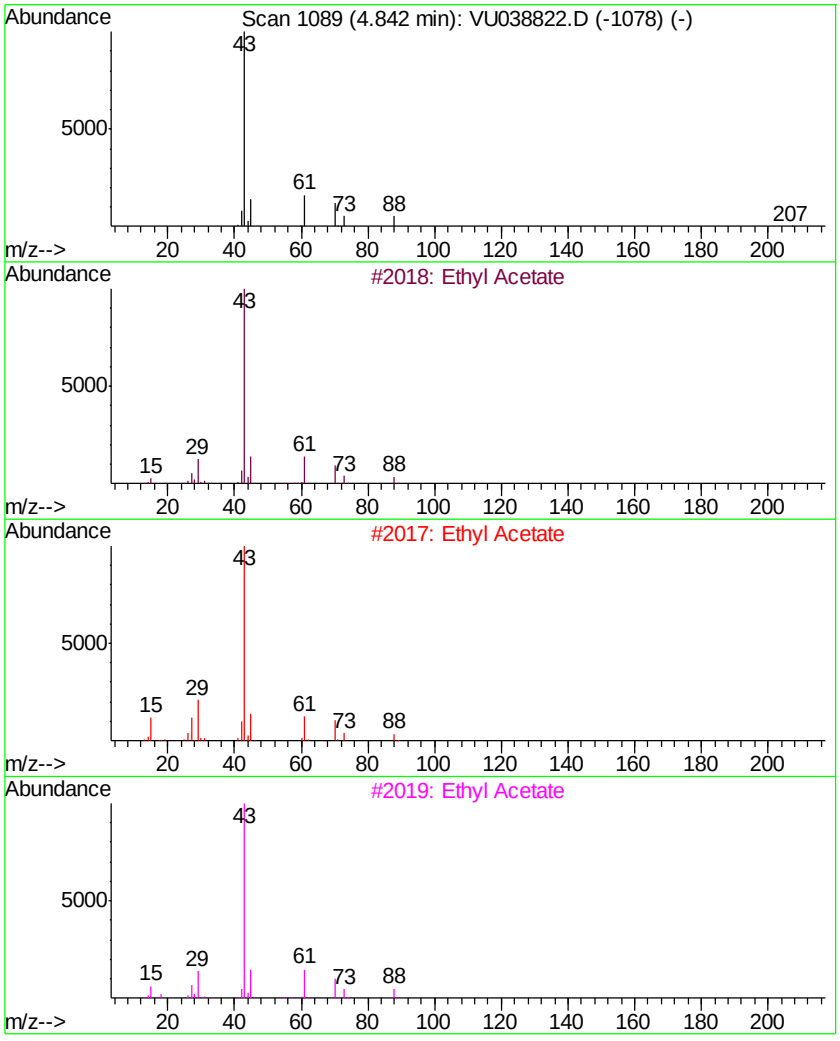
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

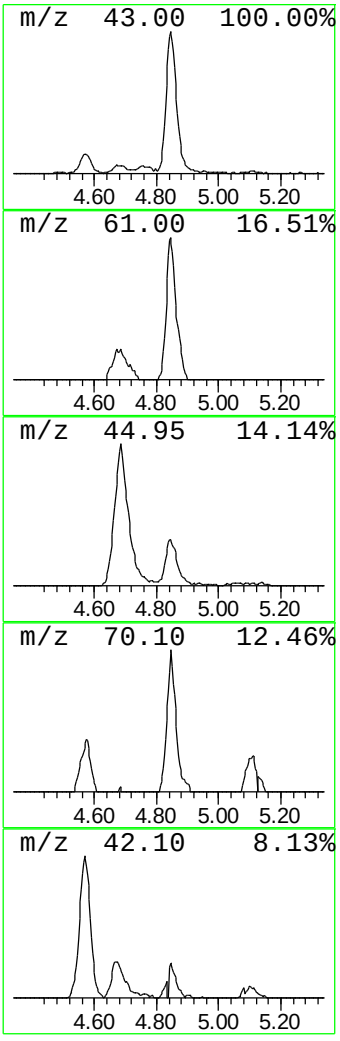
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.77 ug/L	101820	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	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061220\
Data File : VU038822.D
Acq On : 11 Jun 2020 14:15
Operator : SY/MD
Sample : L2933-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH6

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

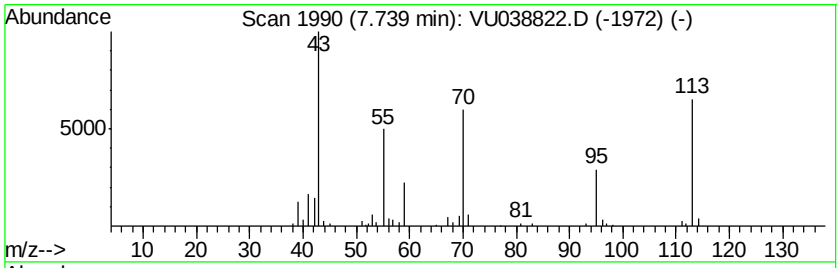
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

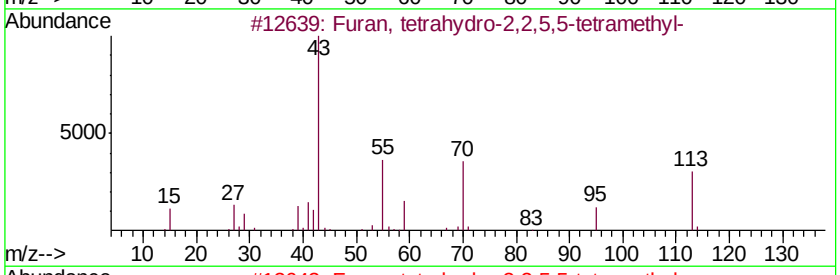
****

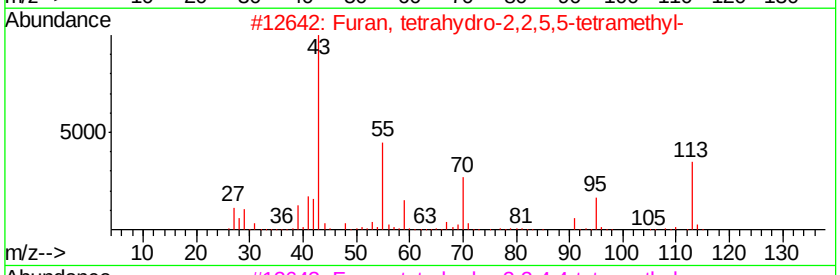
Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 4

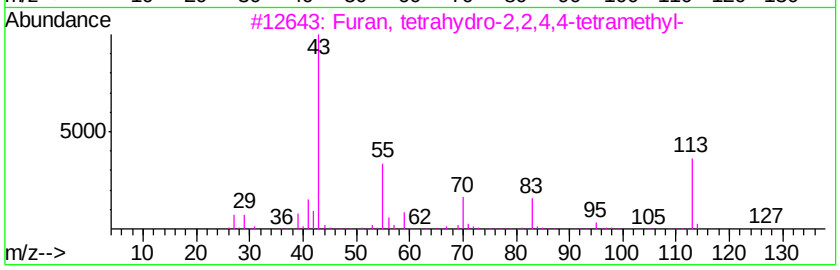
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.73 ug/L	96581	1,4-Difluorobenzene	6.28

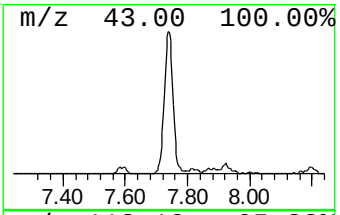
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83
2	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	72
3	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	53
4	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	50
5	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	49

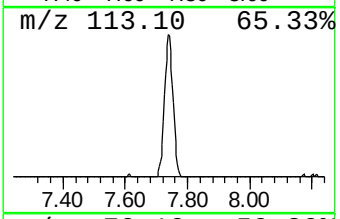


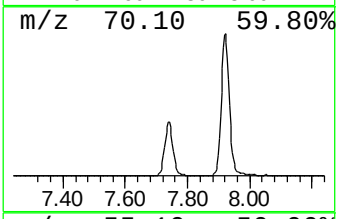


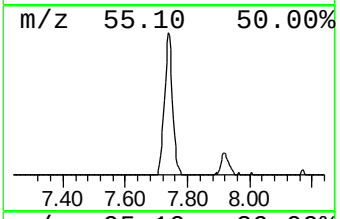


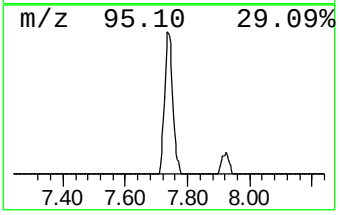












Tentatively Identified Compound (LSC) summary

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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
(DEL) Alkane: Cyc...	4.57	2.8	ug/L	372031	1	6.28	659100	5.0
Ethyl Acetate	4.84	0.8	ug/L	101820	1	6.28	659100	5.0
Furan, tetrahydro...	7.74	0.7	ug/L	96581	1	6.28	659100	5.0