

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040820.D
 Acq On : 19 Oct 2020 21:55
 Operator : SY/MD
 Sample : L4420-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.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	1.552	50	66	73	rBV2	55213	186556	16.39%	3.213%
2	1.604	78	82	92	rVB	54357	77000	6.76%	1.326%
3	1.874	159	166	175	rBV	287477	361176	31.73%	6.220%
4	1.919	177	180	193	rVB	50077	61194	5.38%	1.054%
5	2.369	309	320	345	rVB	681093	1138260	100.00%	19.603%
6	2.578	372	385	397	rBV	78752	128492	11.29%	2.213%
7	2.806	446	456	464	rBV2	7871	14179	1.25%	0.244%
8	4.674	1015	1037	1055	rBV2	57610	203523	17.88%	3.505%
9	5.083	1149	1164	1181	rBV	89513	195505	17.18%	3.367%
10	5.742	1348	1369	1387	rBV2	157677	418795	36.79%	7.212%
11	6.263	1515	1531	1555	rBV	156063	290533	25.52%	5.003%
12	6.703	1655	1668	1687	rBV2	111294	214185	18.82%	3.689%
13	7.575	1925	1939	1959	rBV2	49726	89265	7.84%	1.537%
14	7.906	2029	2042	2055	rBV	156380	270580	23.77%	4.660%
15	8.185	2119	2129	2140	rBV2	31905	53305	4.68%	0.918%
16	8.642	2258	2271	2309	rBV	325478	659266	57.92%	11.354%
17	8.790	2309	2317	2328	rVB3	12763	21450	1.88%	0.369%
18	9.420	2499	2513	2530	rBV	230255	387171	34.01%	6.668%
19	10.754	2916	2928	2944	rBV	99634	161981	14.23%	2.790%
20	11.680	3208	3216	3228	rVB5	14622	21546	1.89%	0.371%
21	11.806	3243	3255	3268	rBV	212188	330563	29.04%	5.693%
22	12.188	3362	3374	3387	rVB	192164	313064	27.50%	5.391%
23	12.880	3577	3589	3605	rBV	124301	189243	16.63%	3.259%
24	17.108	4896	4904	4914	rBV2	13869	19864	1.75%	0.342%

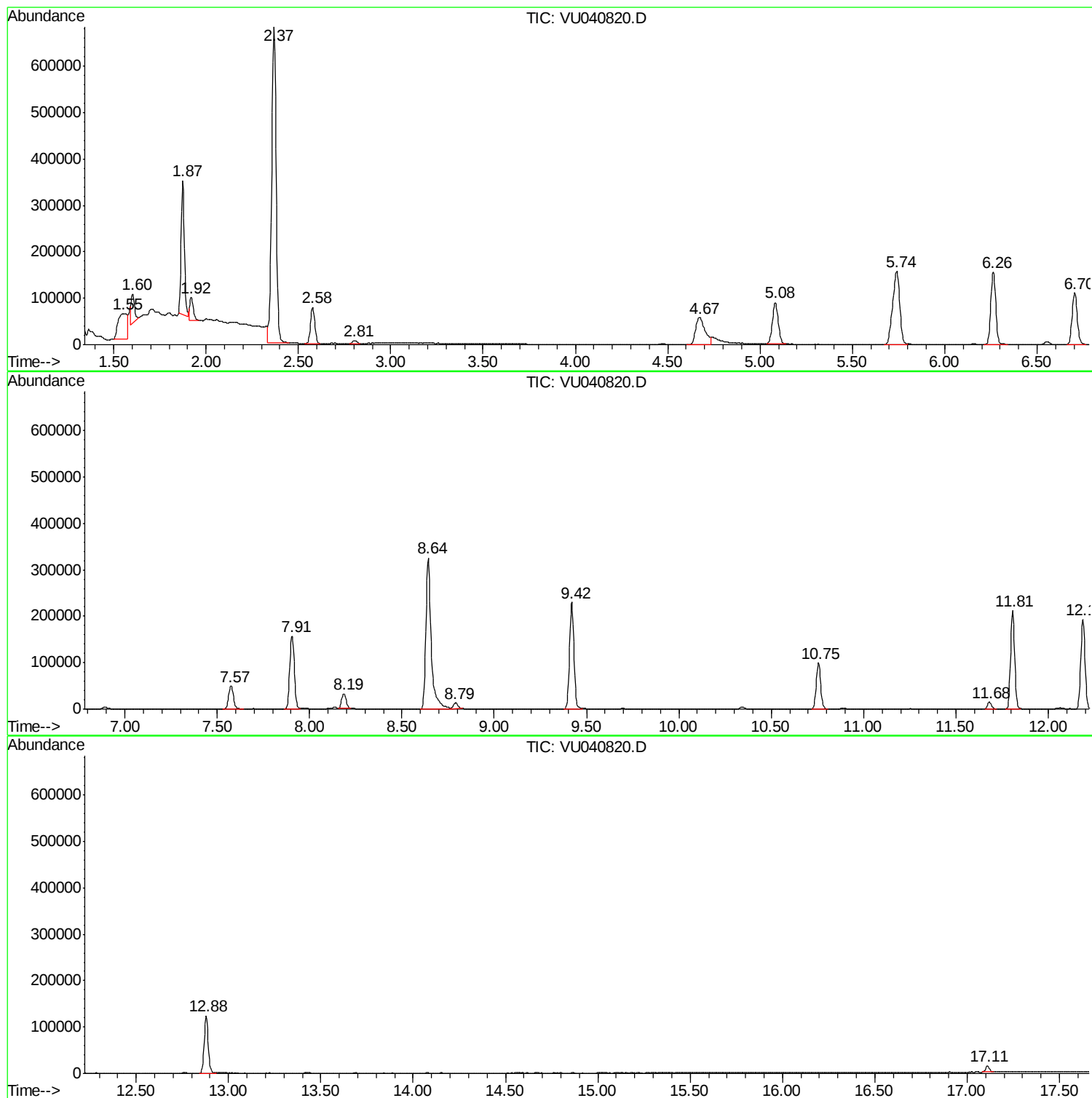
Sum of corrected areas: 5806696

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

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



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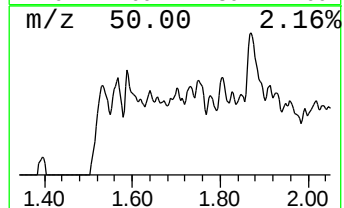
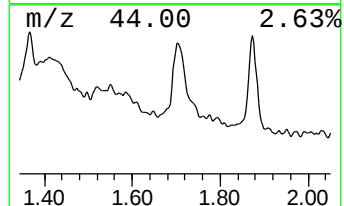
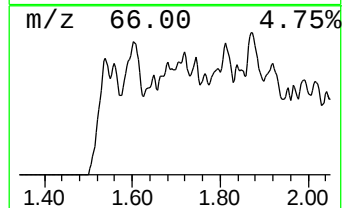
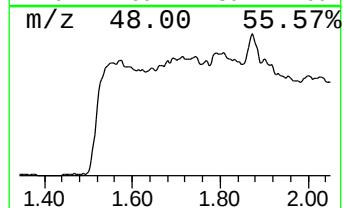
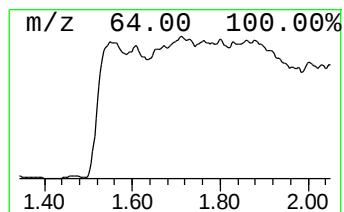
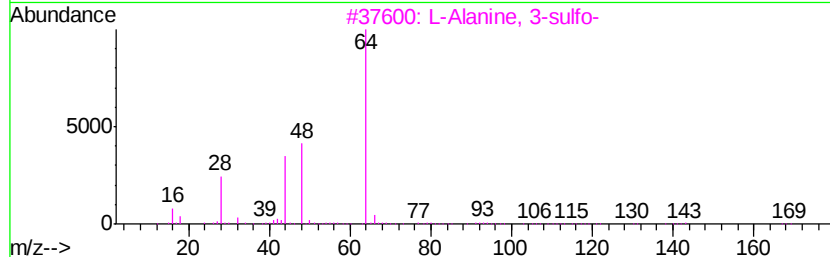
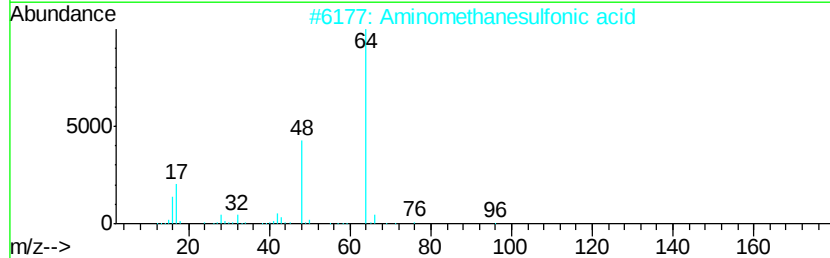
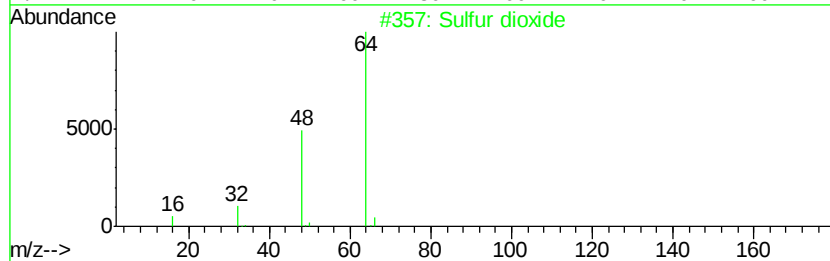
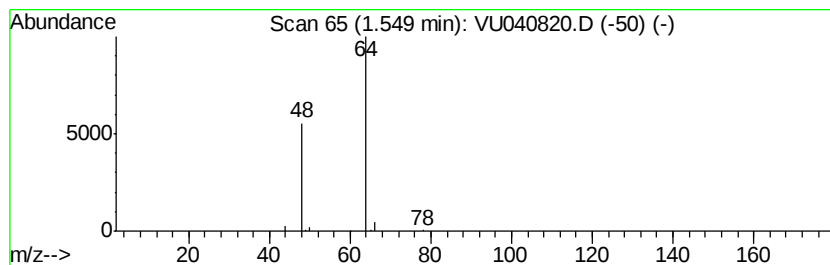
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	3.21 ug/L	186556	1,4-Difluorobenzene	6.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	4



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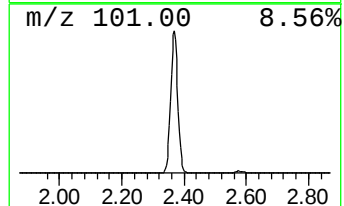
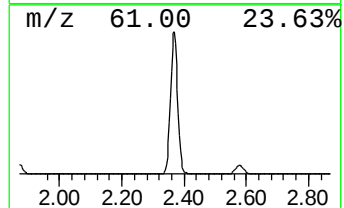
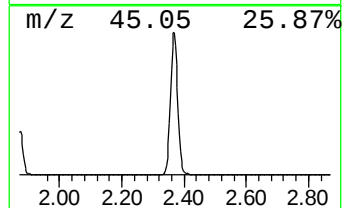
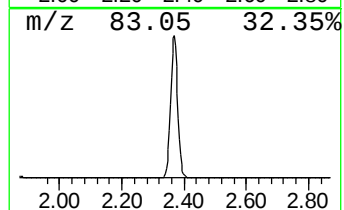
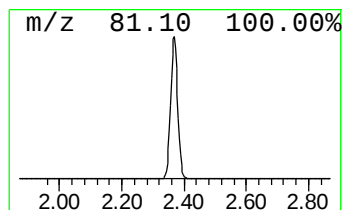
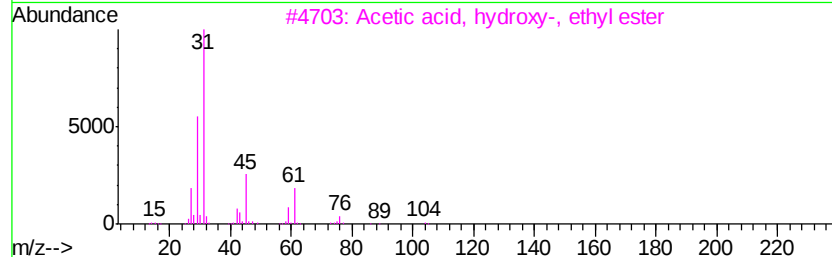
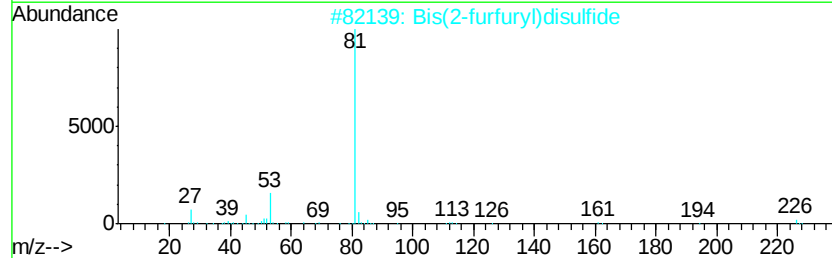
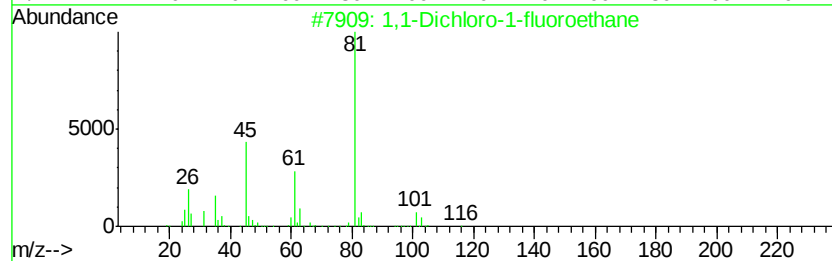
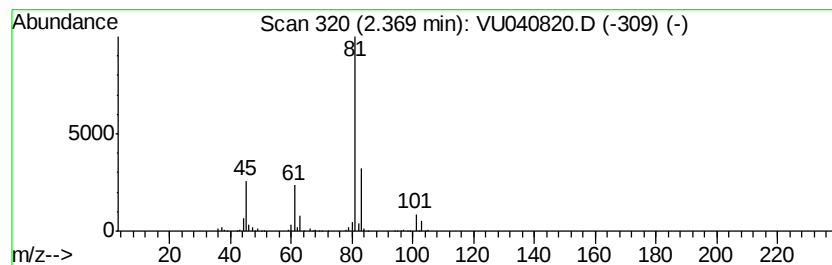
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 1,1-Dichloro-1-fluoroethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	19.59 ug/L	1138260	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Dichloro-1-fluoroethane	116	C2H3Cl2F	001717-00-6	72
2		Bis(2-furfuryl)disulfide	226	C10H10O2S2	004437-20-1	2
3		Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	2
4		Peroxide, dimethyl	62	C2H6O2	000690-02-8	2
5		1-Chloro-4-methylcyclohexane	132	C7H13Cl	000931-68-0	2



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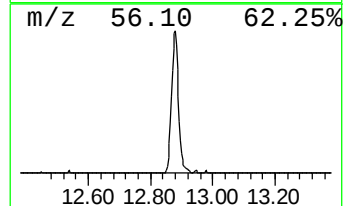
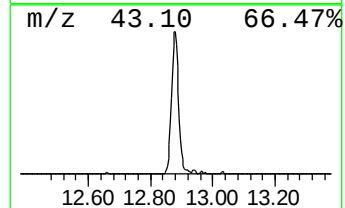
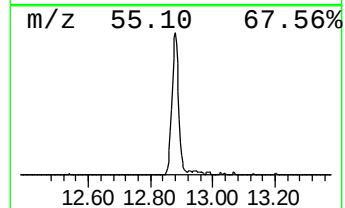
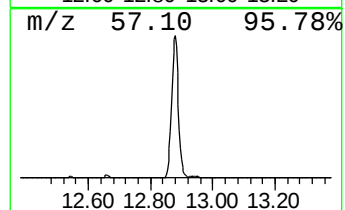
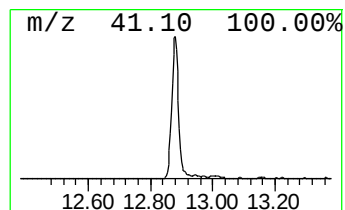
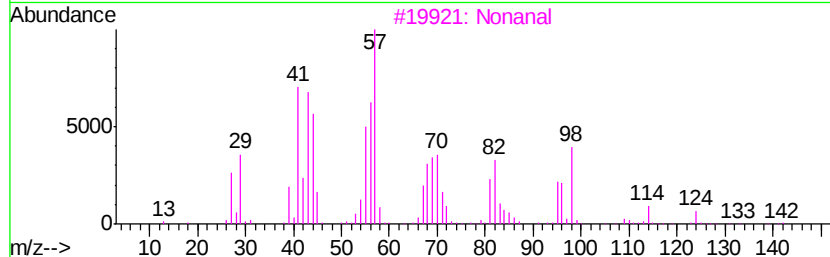
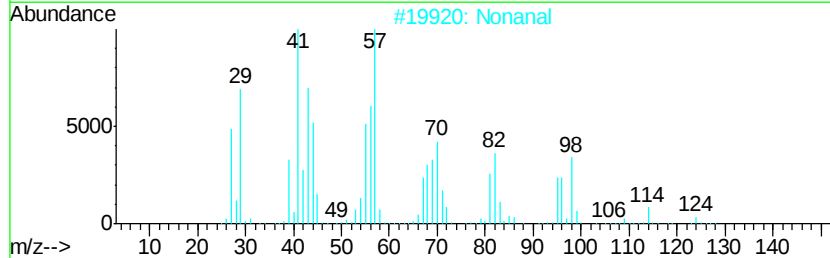
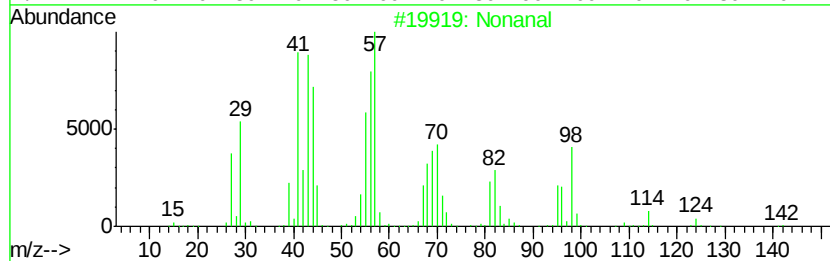
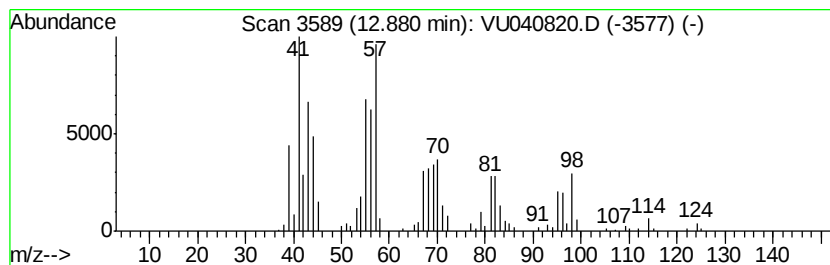
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	2.86 ug/L	189243	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	91
2	Nonanal		142	C9H18O	000124-19-6	91
3	Nonanal		142	C9H18O	000124-19-6	90
4	Nonanal		142	C9H18O	000124-19-6	90
5	6-Hepten-1-ol, 3-methyl-		128	C8H16O	004048-32-2	27



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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.55	3.2	ug/L	186556	1	6.26	290533	5.0
1,1-Dichloro-1-fl...	2.37	19.6	ug/L	1138260	1	6.26	290533	5.0
Nonanal	12.88	2.9	ug/L	189243	3	11.81	330563	5.0