

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014074.D
 Acq On : 16 Dec 2019 15:59
 Operator : SY/MD
 Sample : K6275-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDS8

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_V\METHOD\SOMVTR112219WMA.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	1.164	17	23	41	rVB3	138324	195507	21.00%	2.568%
2	1.290	57	62	66	rBV	27449	24129	2.59%	0.317%
3	1.393	85	94	110	rVB2	174514	267988	28.78%	3.520%
4	1.682	178	184	198	rVB	136583	172120	18.49%	2.261%
5	2.225	346	353	364	rVB	162983	240418	25.82%	3.158%
6	4.502	1051	1061	1076	rVB	106603	243822	26.19%	3.203%
7	5.161	1255	1266	1284	rVB2	253333	538082	57.79%	7.068%
8	5.692	1423	1431	1446	rVB	289694	538899	57.88%	7.078%
9	5.971	1514	1518	1521	rBV5	75815	79455	8.53%	1.044%
10	6.569	1700	1704	1711	rBV	30678	31810	3.42%	0.418%
11	6.685	1735	1740	1750	rBV3	18675	26397	2.84%	0.347%
12	7.145	1870	1883	1896	rBV	64113	116483	12.51%	1.530%
13	7.347	1929	1946	1961	rVB4	18949	60520	6.50%	0.795%
14	7.457	1967	1980	1994	rBV	291705	523759	56.26%	6.880%
15	7.634	2016	2035	2050	rVB2	61755	159275	17.11%	2.092%
16	7.746	2059	2070	2082	rBV2	39236	66060	7.10%	0.868%
17	7.891	2102	2115	2130	rVB3	13335	34411	3.70%	0.452%
18	8.039	2149	2161	2176	rBV3	30204	63868	6.86%	0.839%
19	8.203	2199	2212	2234	rVV	232234	591031	63.48%	7.763%
20	8.315	2236	2247	2265	rVB	136235	332457	35.71%	4.367%
21	8.942	2428	2442	2458	rBV	446759	835338	89.72%	10.972%
22	9.026	2459	2468	2483	rVB	112282	221609	23.80%	2.911%
23	9.875	2723	2732	2741	rBV9	17370	30884	3.32%	0.406%
24	9.920	2741	2746	2754	rVB9	6724	10892	1.17%	0.143%
25	10.280	2845	2858	2864	rBV	113571	199455	21.42%	2.620%
26	10.431	2895	2905	2917	rBV3	12816	22871	2.46%	0.300%
27	11.203	3135	3145	3163	rBV7	32009	70402	7.56%	0.925%
28	11.305	3163	3177	3198	rVV	491385	931030	100.00%	12.229%
29	11.576	3253	3261	3272	rBV5	14598	25800	2.77%	0.339%
30	11.678	3281	3293	3310	rBV	399479	724932	77.86%	9.522%
31	12.392	3504	3515	3526	rBV2	65108	104805	11.26%	1.377%
32	13.476	3843	3852	3865	rVB8	22616	38447	4.13%	0.505%
33	13.553	3865	3876	3886	rBV3	8891	14894	1.60%	0.196%
34	15.820	4573	4581	4588	rBV3	37732	55101	5.92%	0.724%

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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 >
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Title : TRACE VOA SOM01.0

35	15.858	4589	4593	4600	rVB7	8477	9336	1.00%	0.123%
36	17.527	5108	5112	5122	rVB10	8998	10987	1.18%	0.144%

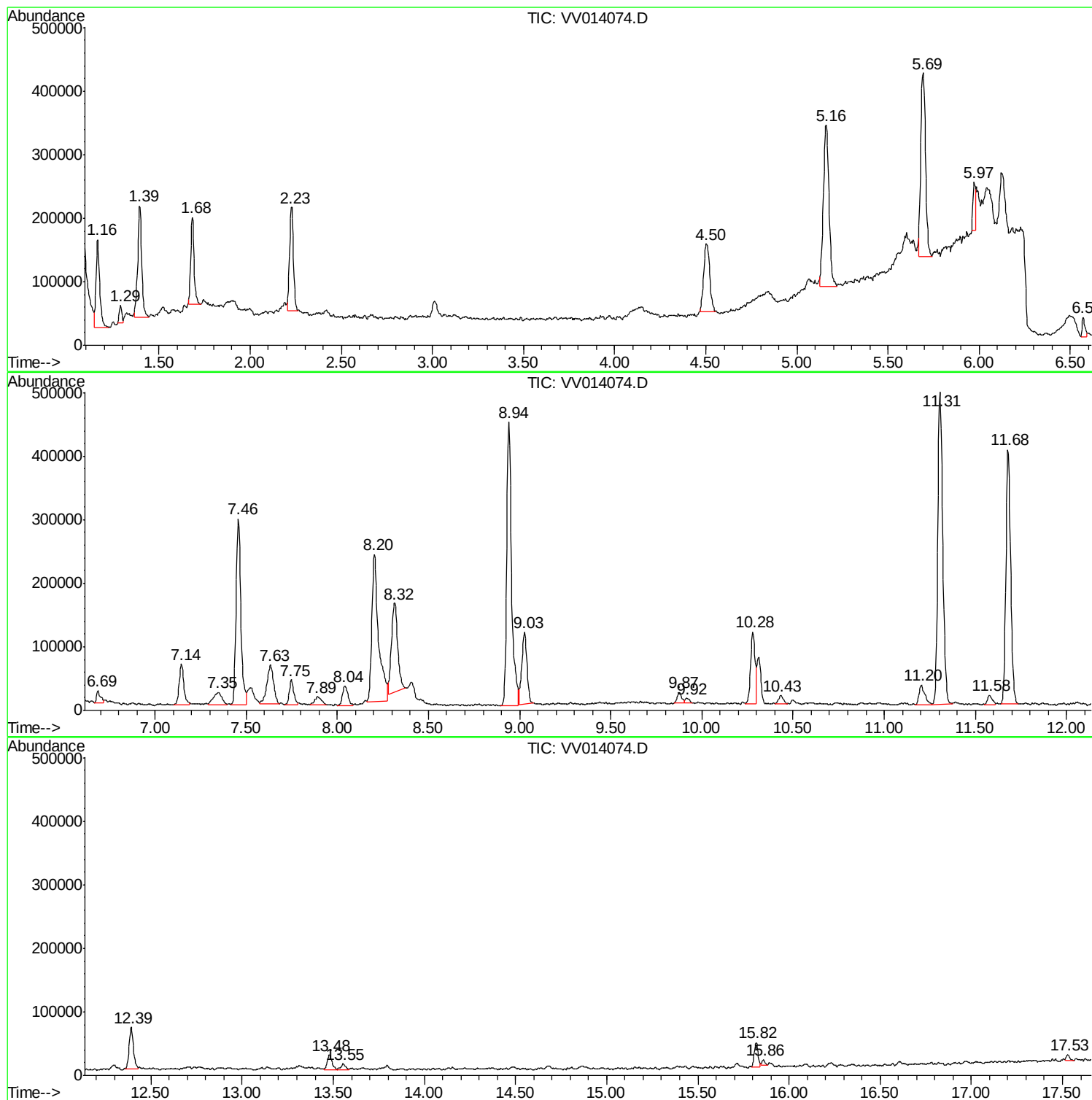
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Quant Title : TRACE VOA SOM01.0

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



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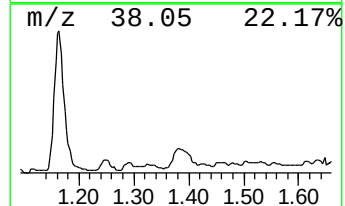
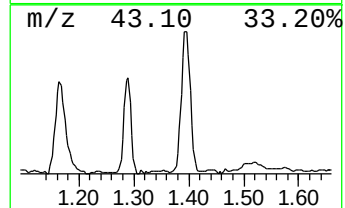
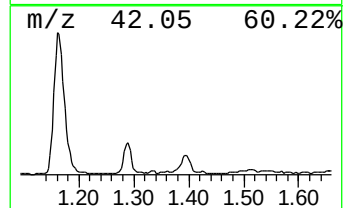
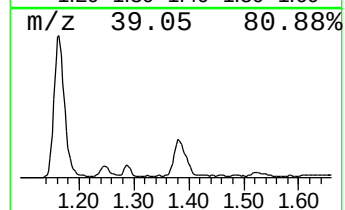
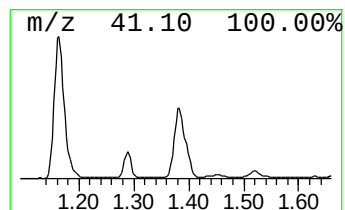
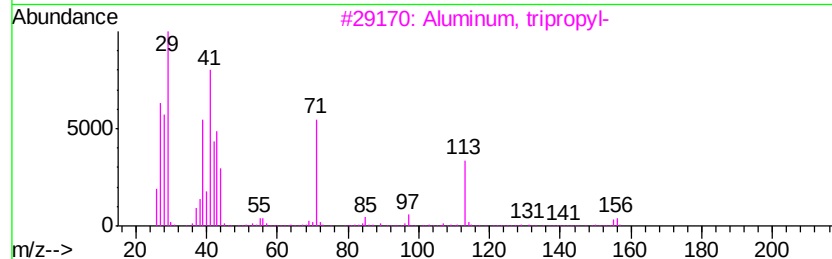
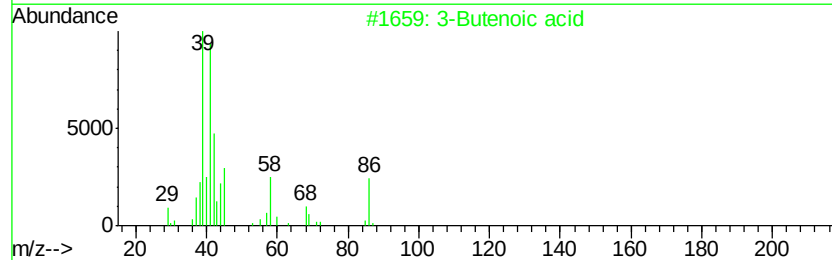
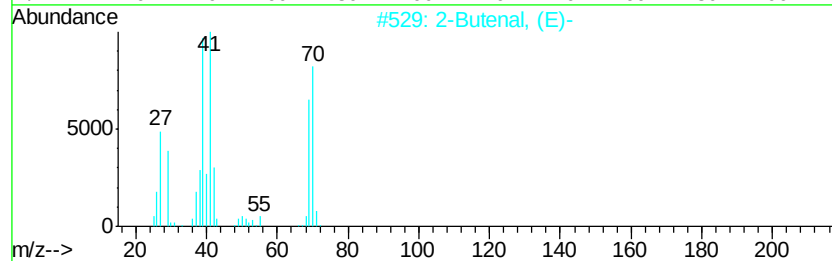
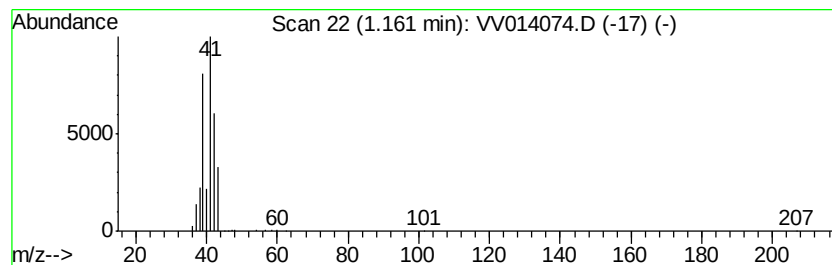
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 2-Butenal, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.16	1.81 ug/L	195507	1,4-Difluorobenzene	5.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butenal, (E)-	70	C4H6O	000123-73-9	78
2			3-Butenoic acid	86	C4H6O2	000625-38-7	78
3			Aluminum, tripropyl-	156	C9H21Al	000102-67-0	74
4			Propene	42	C3H6	000115-07-1	72
5			1,2,5-Oxadiazol-3-amine, N-methy...	160	C3H4N4O4	337311-85-0	72



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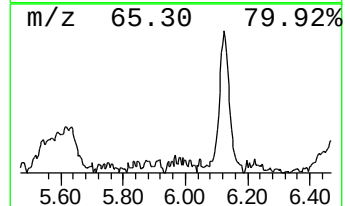
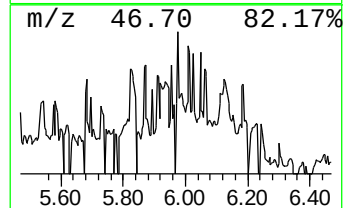
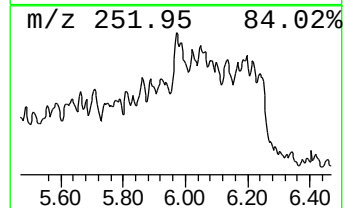
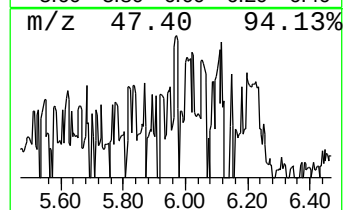
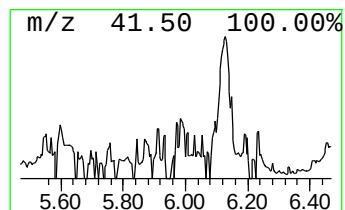
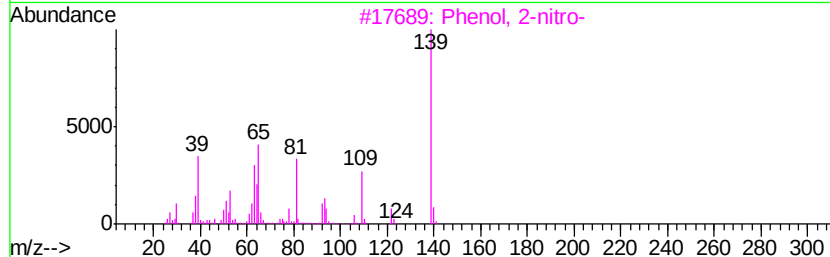
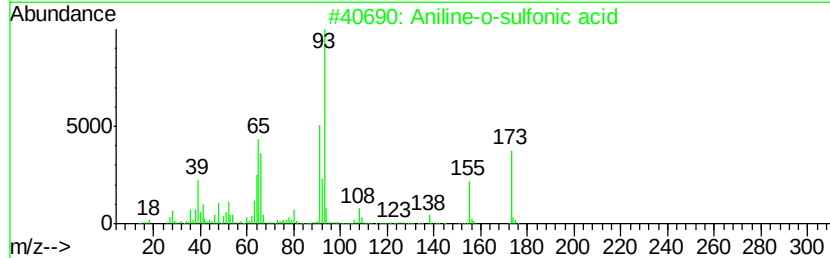
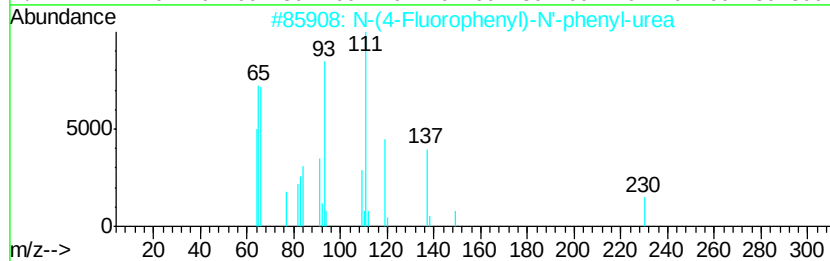
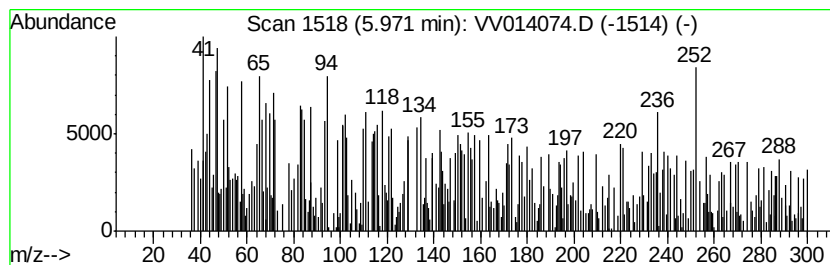
Instrument :
MSVOA_V
ClientSampled :
BFDS8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.97	0.74 ug/L	79455	1,4-Difluorobenzene	5.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Fluorophenyl)-N'-phenyl-urea	230	C13H11FN2O	000330-98-3	49
2	Aniline-o-sulfonic acid	173	C6H7NO3S	000088-21-1	46
3	Phenol, 2-nitro-	139	C6H5NO3	000088-75-5	22
4	2-Acethydrazido-5-methyl nitrobenzene	209	C9H11N3O3	060882-63-5	22
5	.alpha.-(3-Cyclopropyl-1-propen-1-yl)-2-nitrobenzene	162	C10H10O2	1000301-69-5	22



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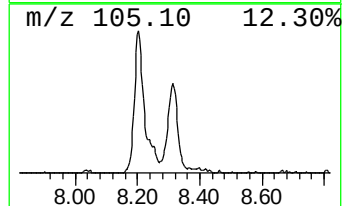
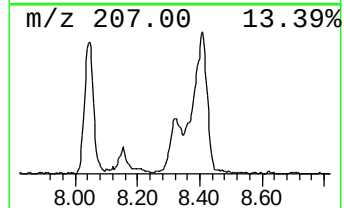
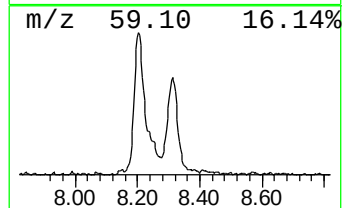
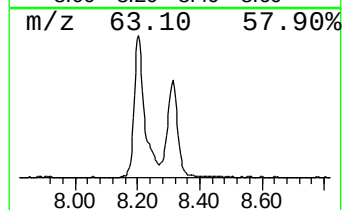
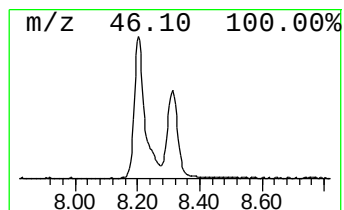
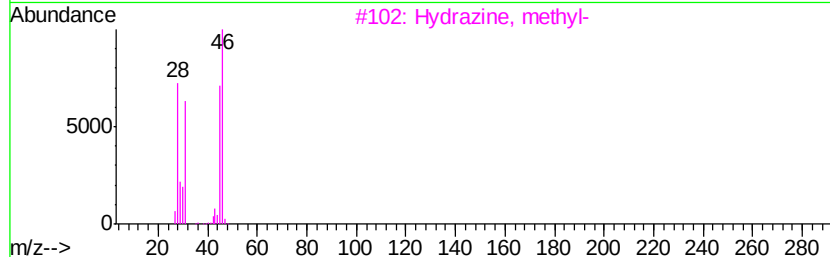
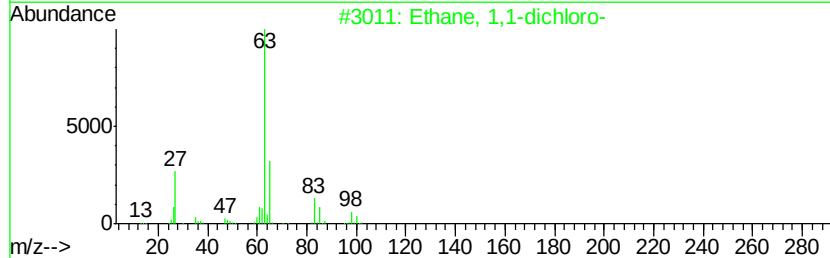
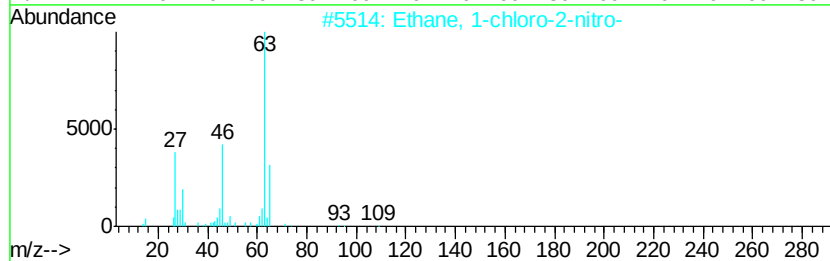
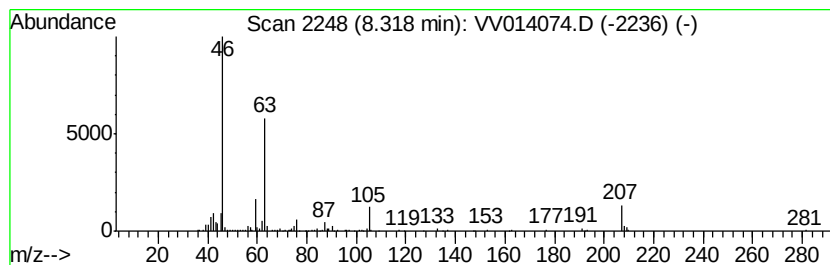
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	1.99 ug/L	332457	Chlorobenzene-d5	8.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1-chloro-2-nitro-	109	C2H4ClNO2	000625-47-8	33
2		Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	25
3		Hydrazine, methyl-	46	CH6N2	000060-34-4	9
4		N,N'-Dimethyl-N,N'-dinitro-ethan...	206	C4H6N4O6	014760-99-7	9
5		.alpha.-Chloroethyl chloroformate	142	C3H4Cl2O2	050893-53-3	9



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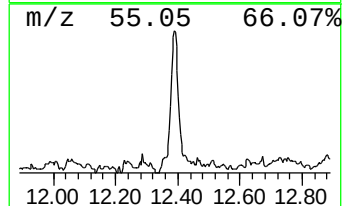
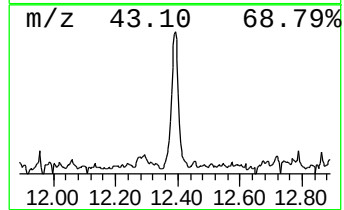
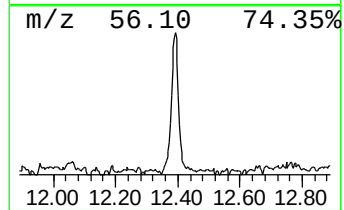
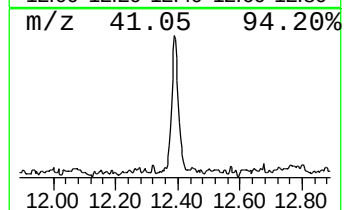
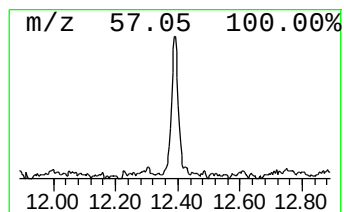
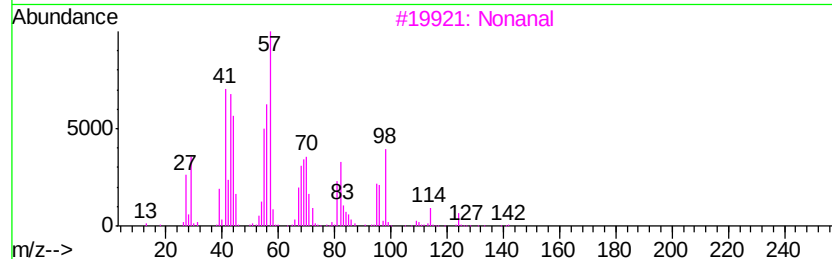
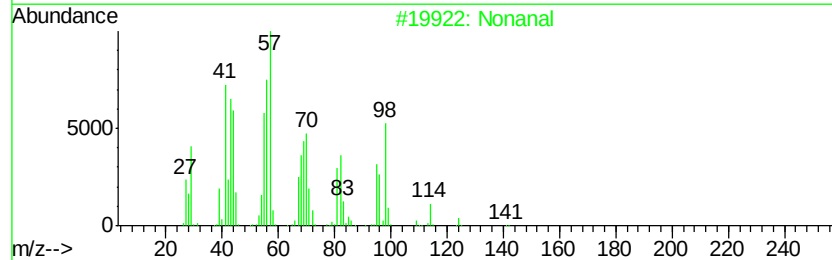
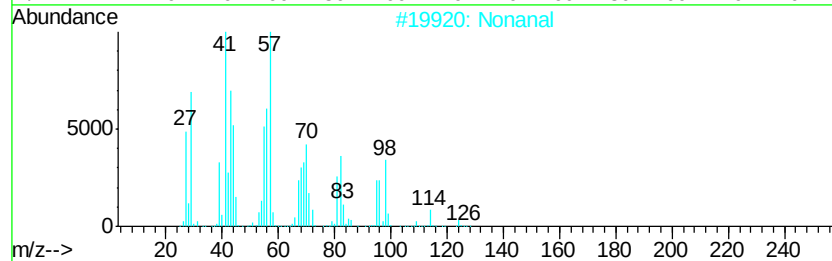
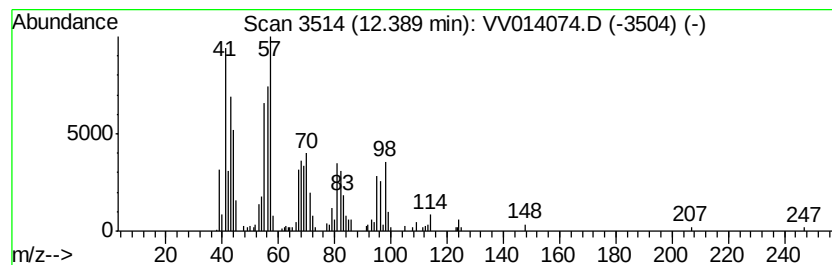
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Nonanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	0.56 ug/L	104805	1,4-Dichlorobenzene-d4	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	86
3		Nonanal	142	C9H18O	000124-19-6	86
4		Nonanal	142	C9H18O	000124-19-6	86
5		Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	30



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Butenal, (E)-	1.16	1.8	ug/L	195507	1	5.69	538899	5.0
unknown-01	5.97	0.7	ug/L	79455	1	5.69	538899	5.0
unknown-02	8.32	2.0	ug/L	332457	2	8.94	835338	5.0
Nonanal	12.39	0.6	ug/L	104805	3	11.31	931030	5.0