

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121919\
 Data File : VU036290.D
 Acq On : 19 Dec 2019 18:10
 Operator : JC/MD
 Sample : K6282-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW5

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\SOMUTR121319WMA.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	1.369	3	9	20	rBV	72352	73934	7.34%	0.776%
2	1.610	75	84	99	rBV	190193	231342	22.95%	2.428%
3	1.707	109	114	121	rBV	9513	12749	1.26%	0.134%
4	1.932	175	184	195	rVB	141590	178717	17.73%	1.875%
5	2.433	337	340	355	rVB9	9575	16605	1.65%	0.174%
6	2.594	376	390	404	rBV	195372	317782	31.53%	3.335%
7	2.691	410	420	434	rBV	10738	25405	2.52%	0.267%
8	4.700	1028	1045	1088	rBV	103679	346256	34.35%	3.633%
9	5.112	1158	1173	1192	rBV	169525	366058	36.32%	3.841%
10	5.768	1355	1377	1402	rBV2	326902	834368	82.78%	8.756%
11	6.292	1523	1540	1561	rBV	314639	596566	59.19%	6.260%
12	6.578	1616	1629	1639	rBV4	7252	13189	1.31%	0.138%
13	6.732	1661	1677	1694	rBV	202188	396112	39.30%	4.157%
14	6.925	1724	1737	1746	rBV4	7923	15472	1.53%	0.162%
15	7.600	1935	1947	1964	rBV	90558	166093	16.48%	1.743%
16	7.931	2036	2050	2065	rBV	355065	609218	60.44%	6.393%
17	8.211	2126	2137	2154	rBV2	59116	103580	10.28%	1.087%
18	8.674	2266	2281	2313	rBV	429409	857396	85.06%	8.997%
19	8.822	2317	2327	2338	rVB4	40882	69629	6.91%	0.731%
20	9.446	2507	2521	2541	rBV	489383	840237	83.36%	8.817%
21	9.645	2573	2583	2598	rVB6	6621	13643	1.35%	0.143%
22	10.372	2798	2809	2828	rBV5	50821	84349	8.37%	0.885%
23	10.783	2924	2937	2953	rBV	177219	287532	28.53%	3.017%
24	11.713	3214	3226	3245	rBV2	181902	294877	29.26%	3.094%
25	11.835	3251	3264	3283	rBV2	520522	1007950	100.00%	10.577%
26	12.086	3332	3342	3351	rBV5	12934	22530	2.24%	0.236%
27	12.214	3369	3382	3401	rVB2	418736	786124	77.99%	8.249%
28	12.909	3586	3598	3622	rBV2	466198	726067	72.03%	7.619%
29	13.227	3687	3697	3707	rBV4	13374	20732	2.06%	0.218%
30	13.986	3922	3933	3947	rBV5	48290	96713	9.60%	1.015%
31	14.105	3960	3970	3983	rVB2	29053	46708	4.63%	0.490%
32	14.176	3985	3992	4000	rVB7	7555	10904	1.08%	0.114%
33	14.857	4194	4204	4214	rVB9	7452	11795	1.17%	0.124%
34	16.140	4593	4603	4615	rBV10	11480	26661	2.65%	0.280%

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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 >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Title : TRACE VOA SOM01.0

35	16.323	4655	4660	4670	rVB7	17045	22330	2.22%	0.234%
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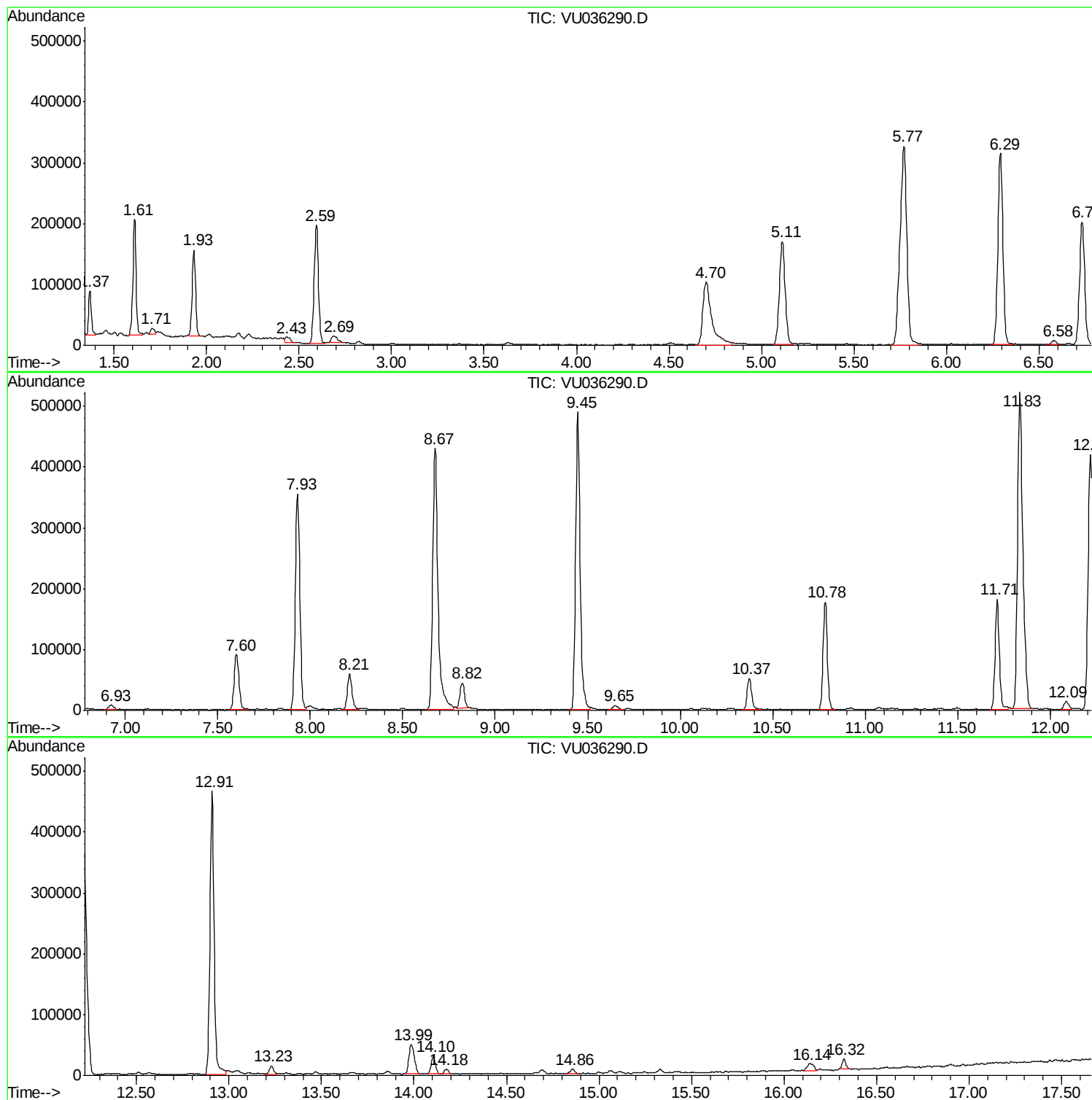
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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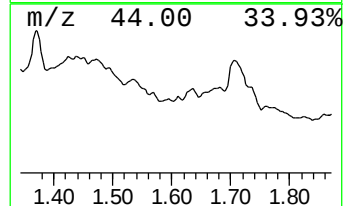
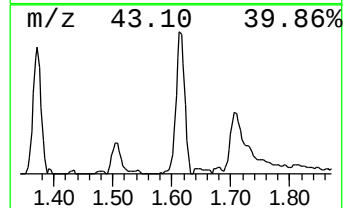
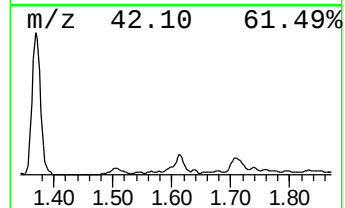
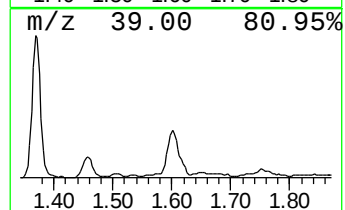
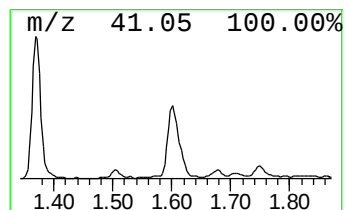
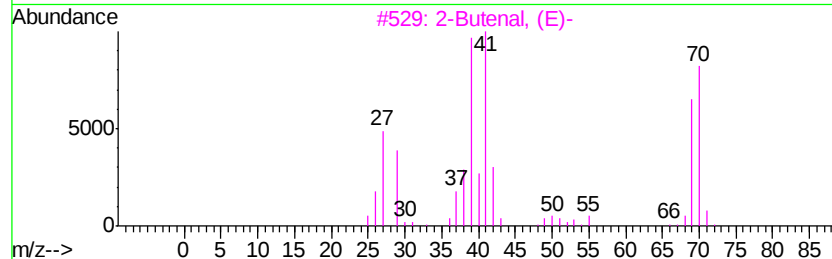
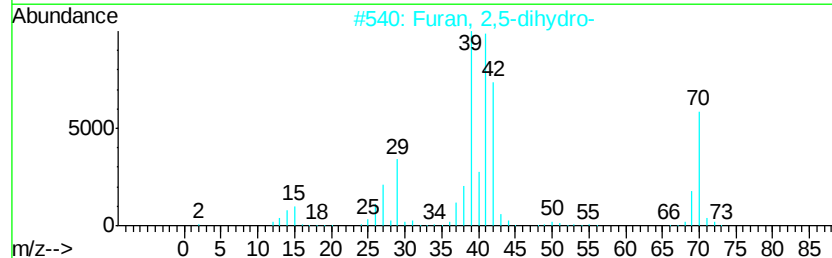
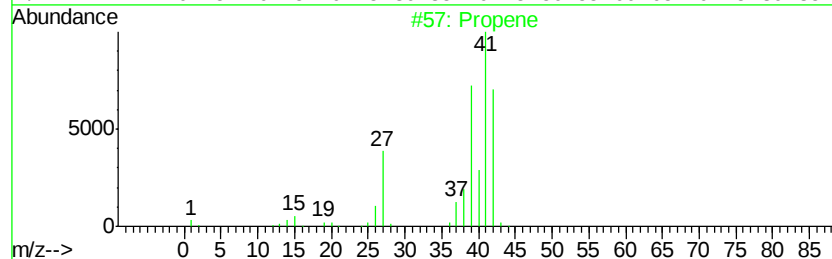
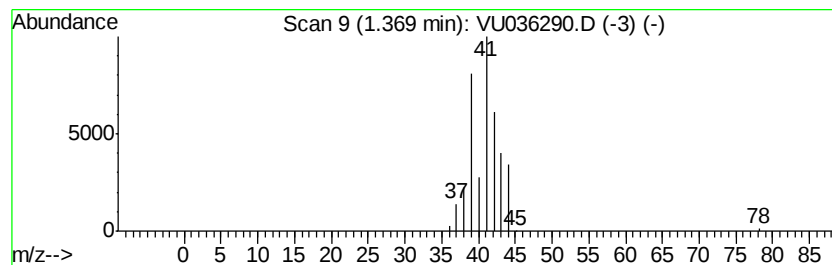
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic1.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.37	0.62 ug/L	73934	1,4-Difluorobenzene	6.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Dimethylketene	70	C4H6O	000598-26-5	43
5	Propene	42	C3H6	000115-07-1	42



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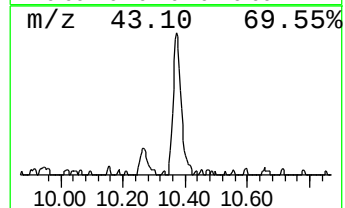
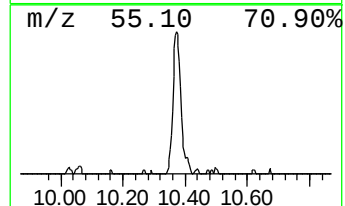
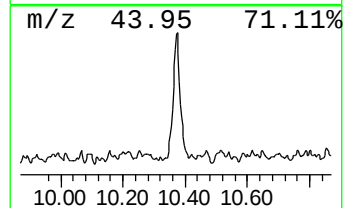
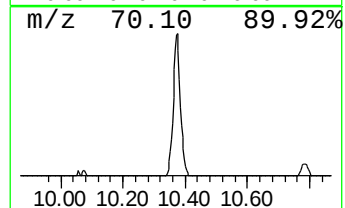
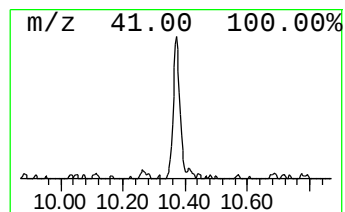
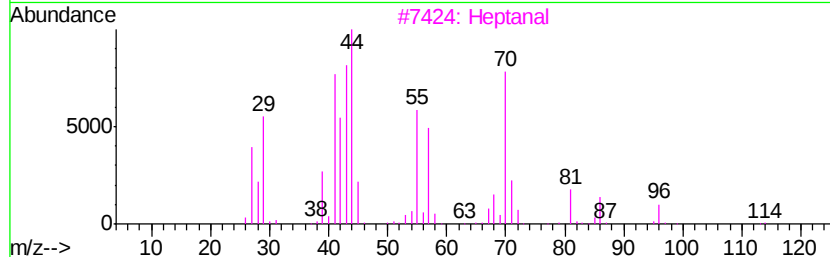
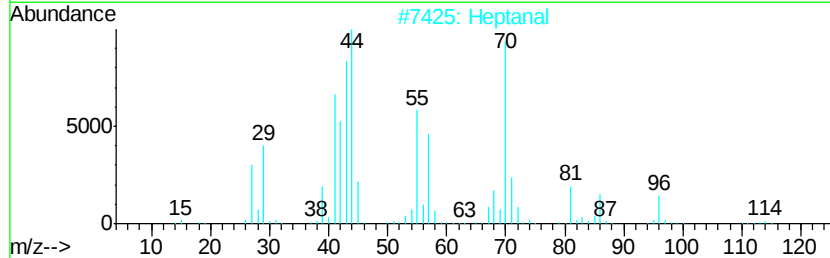
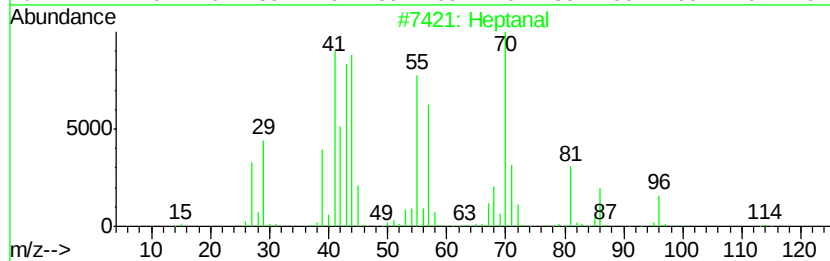
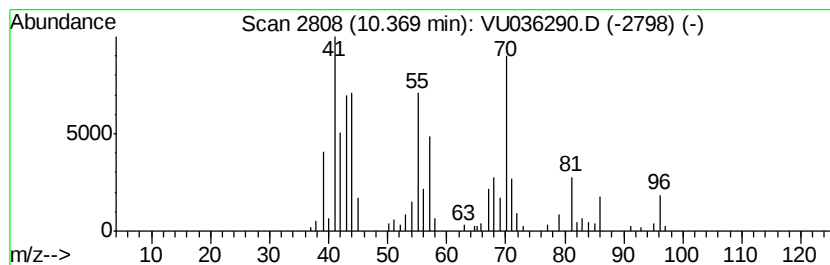
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	0.50 ug/L	84349	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	80
2		Heptanal	114	C7H14O	000111-71-7	59
3		Heptanal	114	C7H14O	000111-71-7	53
4		Heptanal	114	C7H14O	000111-71-7	53
5		Heptanal	114	C7H14O	000111-71-7	53



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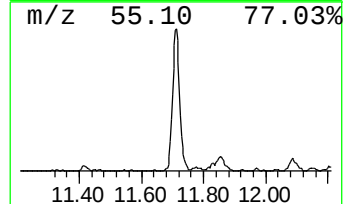
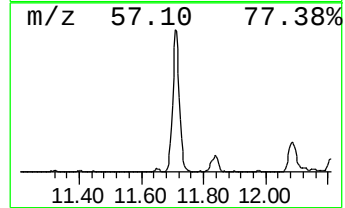
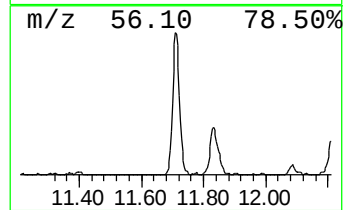
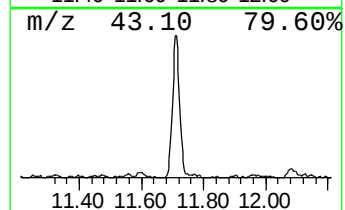
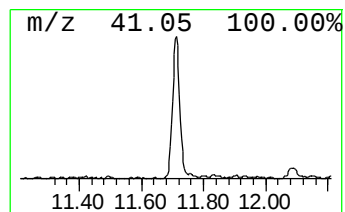
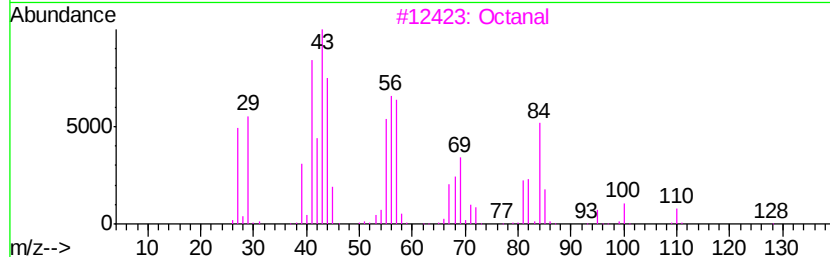
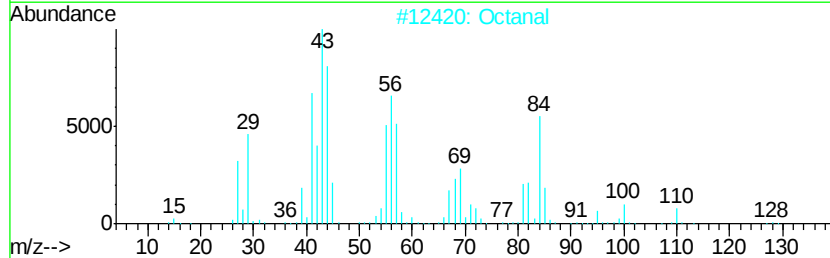
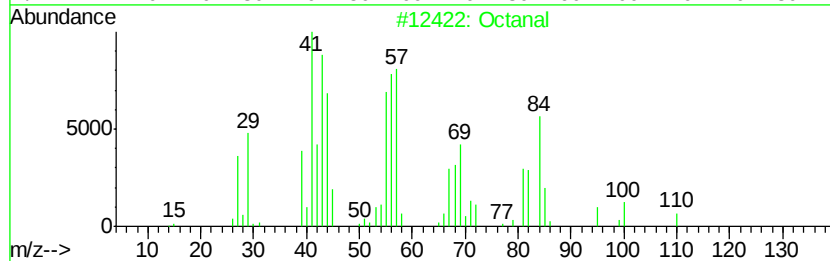
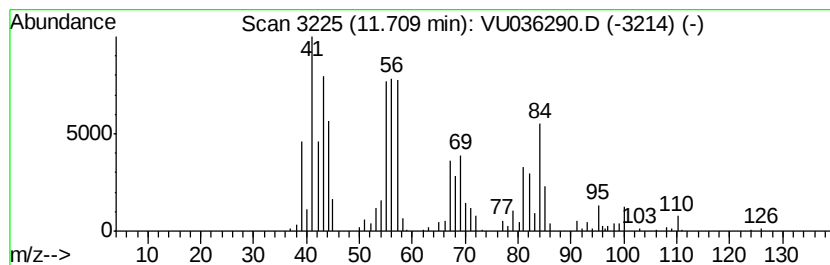
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	1.46 ug/L	294877	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octanal		128 C8H16O	000124-13-0 86
2	Octanal		128 C8H16O	000124-13-0 72
3	Octanal		128 C8H16O	000124-13-0 72
4	Octanal		128 C8H16O	000124-13-0 53
5	3-Chlorohexane		120 C6H13Cl	002346-81-8 38



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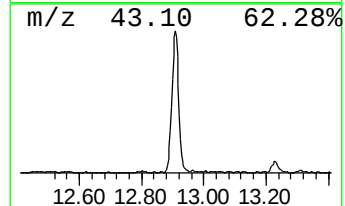
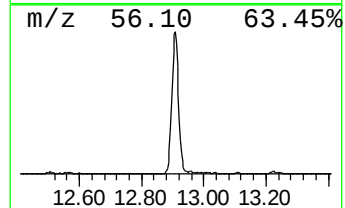
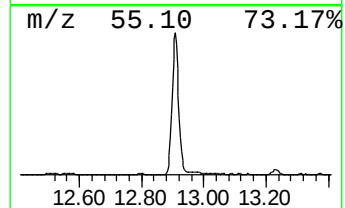
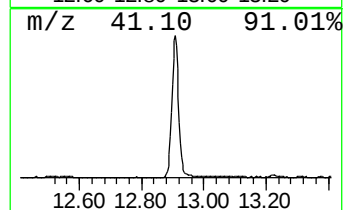
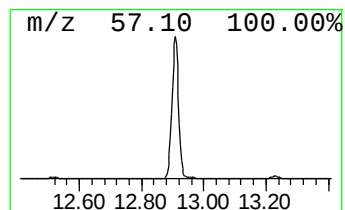
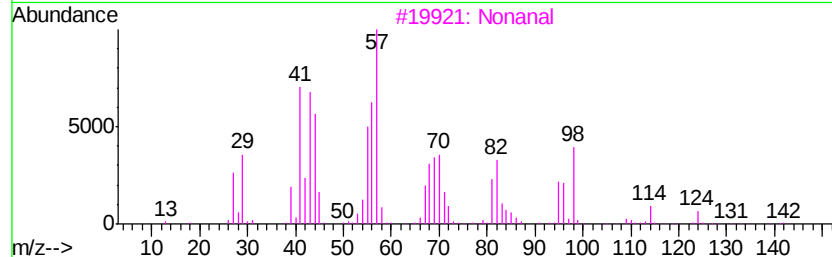
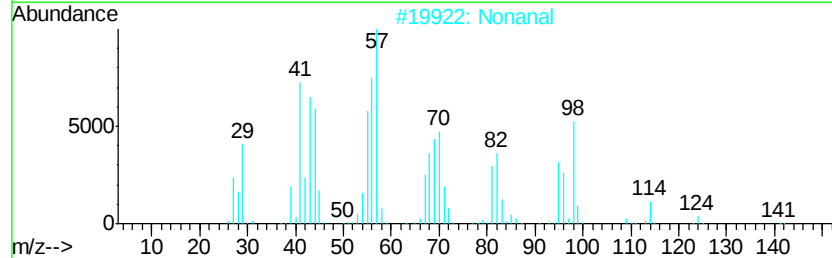
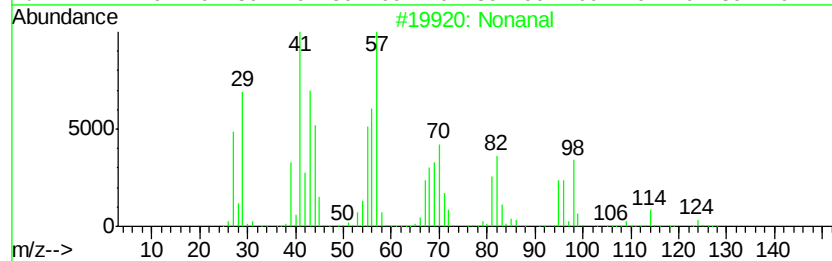
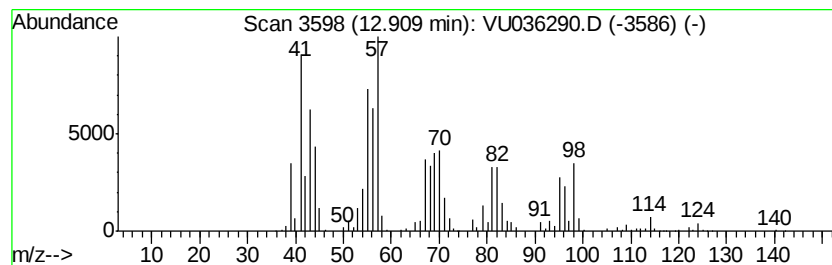
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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 5 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	3.60 ug/L	726067	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	90
3		Nonanal	142	C9H18O	000124-19-6	74
4		Nonanal	142	C9H18O	000124-19-6	53
5		2-Nonen-1-ol, (Z)-	142	C9H18O	041453-56-9	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.37	0.6	ug/L	73934	1	6.29	596566	5.0
Heptanal	10.37	0.5	ug/L	84349	2	9.45	840237	5.0
Octanal	11.71	1.5	ug/L	294877	3	11.83	1007950	5.0
Nonanal	12.91	3.6	ug/L	726067	3	11.83	1007950	5.0