

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014178.D
 Acq On : 23 Dec 2019 23:31
 Operator : SY/MD
 Sample : K6404-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFE07

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\SOMVTR122319WMA.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	1.116	3	8	21	rVB2	336821	332595	24.02%	2.483%
2	1.190	26	31	35	rBV	32805	28162	2.03%	0.210%
3	1.229	38	43	48	rVB	45943	41194	2.98%	0.308%
4	1.319	62	71	83	rBV2	308480	381342	27.54%	2.847%
5	1.396	89	95	101	rVB	42079	40529	2.93%	0.303%
6	1.435	102	107	113	rVV3	14221	16579	1.20%	0.124%
7	1.582	146	153	166	rVB	193596	220581	15.93%	1.647%
8	1.650	170	174	181	rVB3	17949	20031	1.45%	0.150%
9	1.788	211	217	223	rBV	21896	24923	1.80%	0.186%
10	1.827	224	229	238	rVB2	14709	19844	1.43%	0.148%
11	2.132	313	324	334	rBV	361356	530100	38.29%	3.958%
12	2.187	334	341	352	rVB	46447	73732	5.33%	0.550%
13	2.319	371	382	396	rVB	120656	182671	13.19%	1.364%
14	2.795	520	530	539	rBV3	18739	28474	2.06%	0.213%
15	2.984	583	589	597	rBV7	10990	18516	1.34%	0.138%
16	3.923	868	881	907	rBV	176239	538626	38.90%	4.021%
17	4.396	1010	1028	1048	rBV	254238	606112	43.78%	4.525%
18	5.094	1228	1245	1278	rBV2	556728	1384579	100.00%	10.337%
19	5.659	1408	1421	1446	rBV	437183	882127	63.71%	6.586%
20	5.955	1498	1513	1531	rBV	293080	574748	41.51%	4.291%
21	6.113	1547	1562	1584	rBV	317344	654788	47.29%	4.888%
22	6.338	1624	1632	1642	rBV3	13800	24995	1.81%	0.187%
23	7.026	1834	1846	1865	rBV2	134223	253970	18.34%	1.896%
24	7.357	1937	1949	1965	rBV	651259	1124469	81.21%	8.395%
25	7.428	1969	1971	1984	rVB8	10313	14066	1.02%	0.105%
26	7.659	2034	2043	2059	rBV	85860	152366	11.00%	1.138%
27	8.129	2178	2189	2223	rBV	581109	1233403	89.08%	9.208%
28	8.280	2228	2236	2256	rVB2	64305	125006	9.03%	0.933%
29	8.891	2407	2426	2448	rBV	676923	1115518	80.57%	8.328%
30	9.852	2717	2725	2739	rBV4	28252	49293	3.56%	0.368%
31	10.257	2838	2851	2868	rBV	228444	374405	27.04%	2.795%
32	11.196	3131	3143	3157	rBV4	48162	82414	5.95%	0.615%
33	11.289	3160	3172	3190	rVV	656352	1019426	73.63%	7.611%
34	11.666	3275	3289	3307	rBV	635594	1005249	72.60%	7.505%

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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

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Title : TRACE VOA SOM01.0

35	12.389	3502	3514	3531	rBV2	138325	219946	15.89%	1.642%
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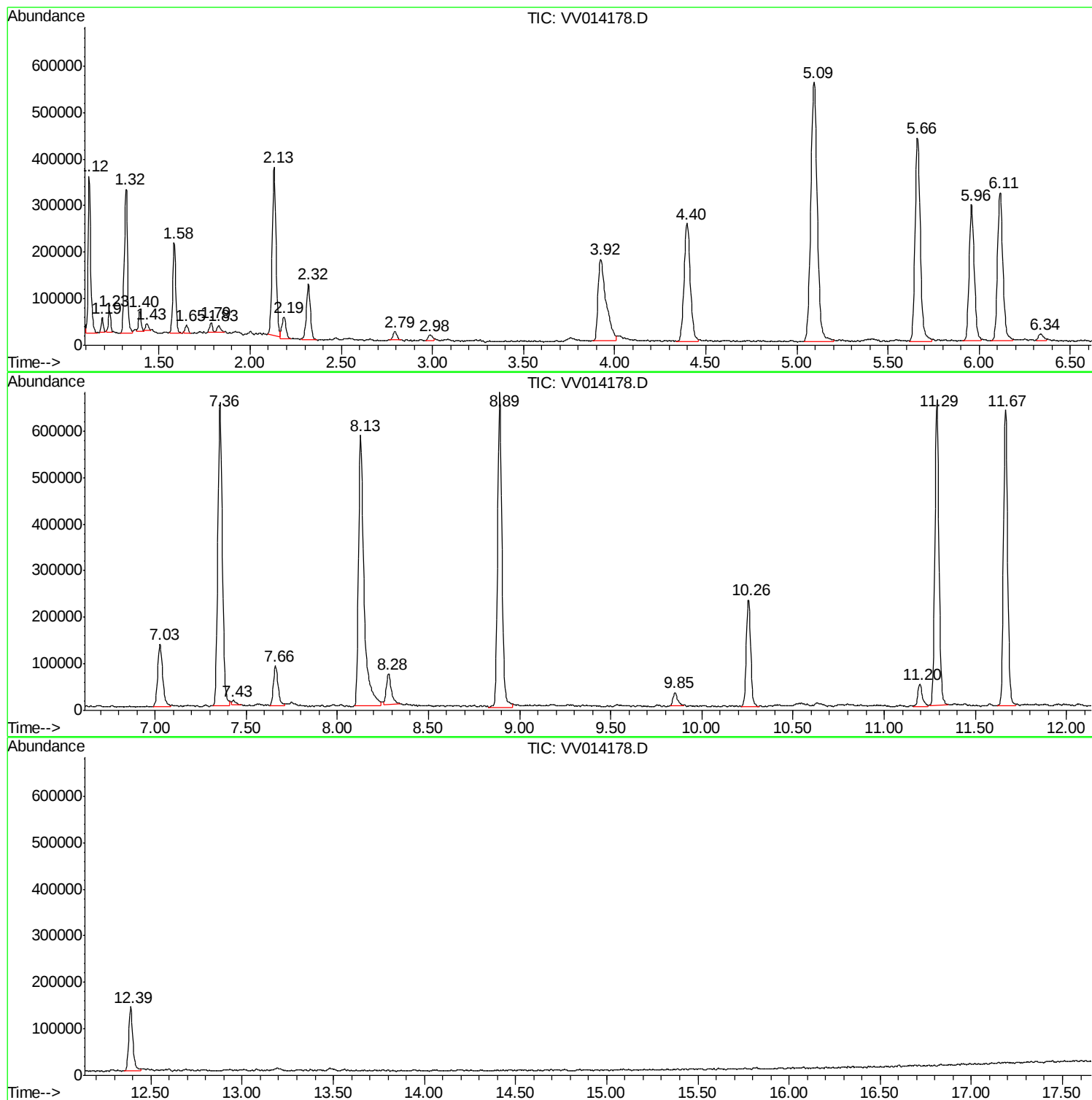
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Quant Title : TRACE VOA SOM01.0

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



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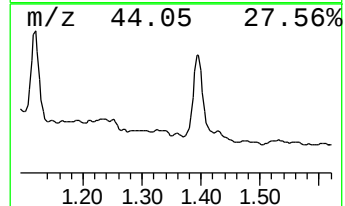
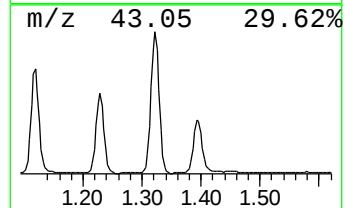
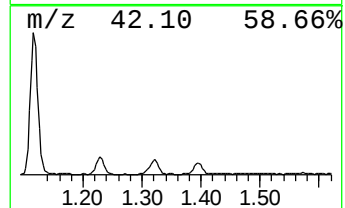
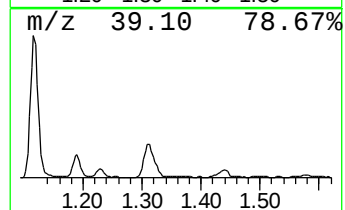
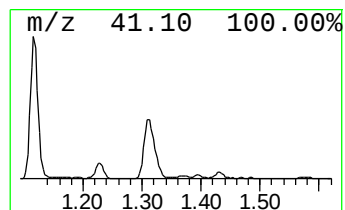
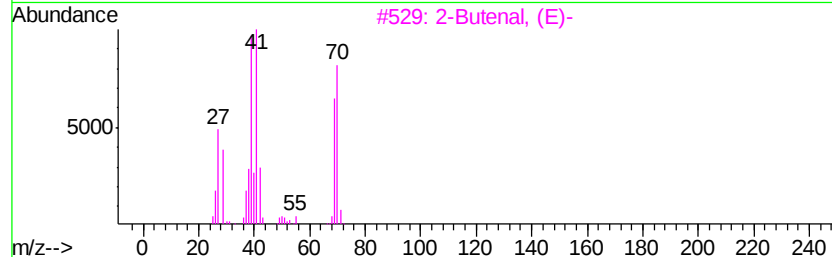
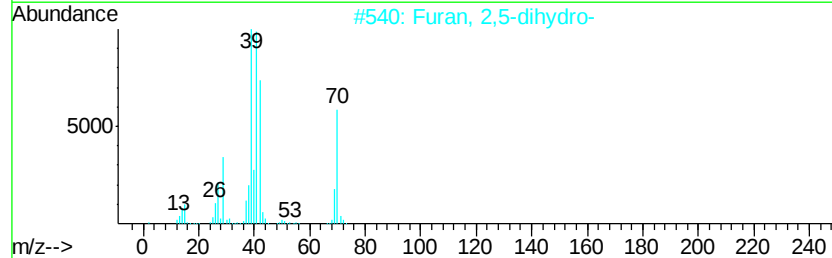
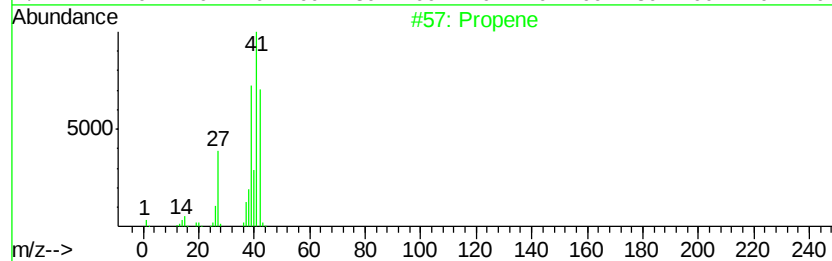
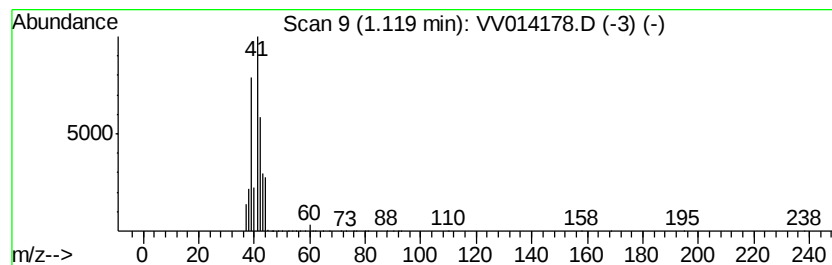
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.89 ug/L	332595	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	86
2		Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	78
3		2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4		2-Butenal	70	C4H6O	004170-30-3	56
5		Propene	42	C3H6	000115-07-1	42



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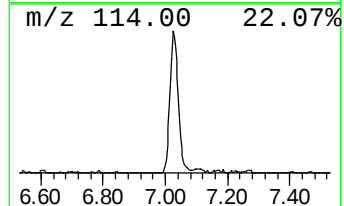
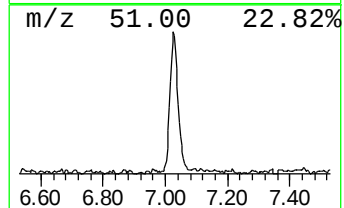
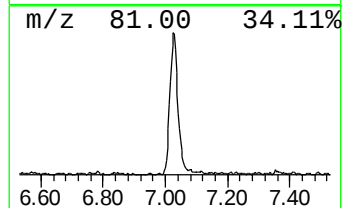
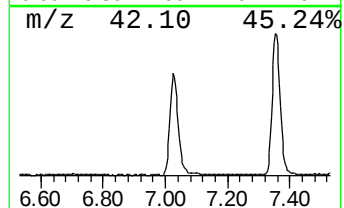
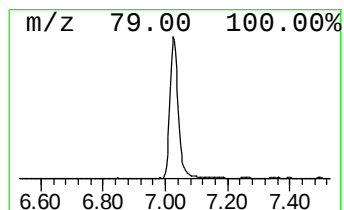
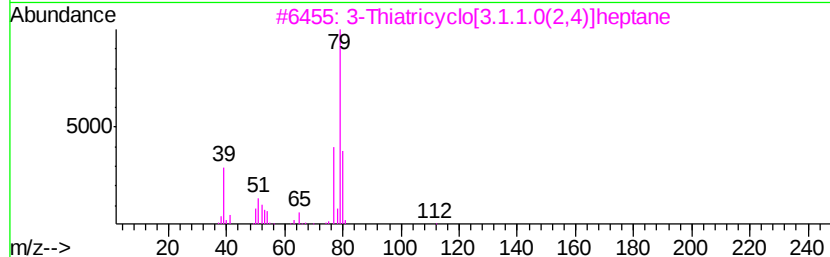
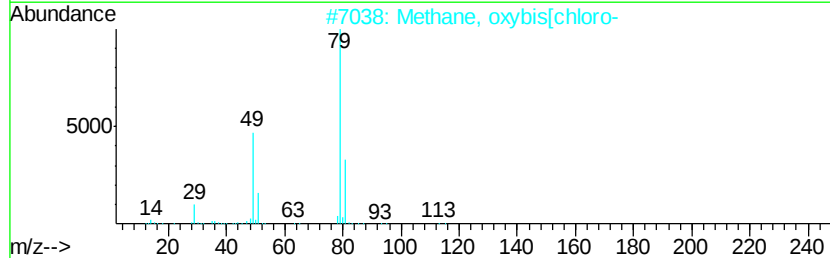
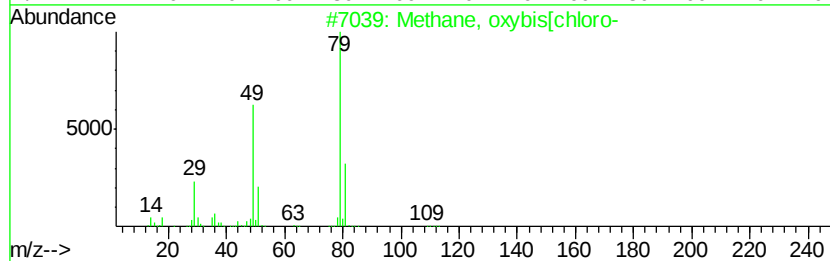
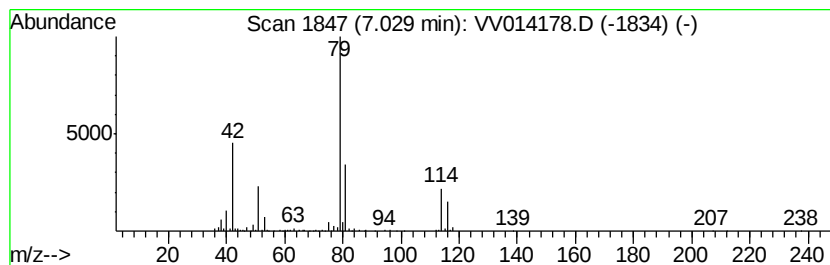
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.44 ug/L	253970	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
2		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
3		3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
4		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9
5		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9



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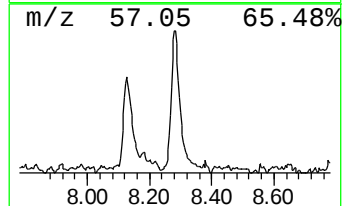
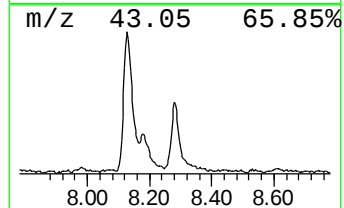
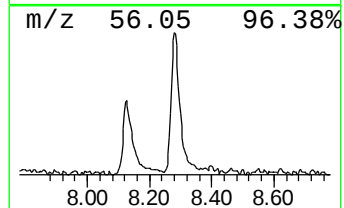
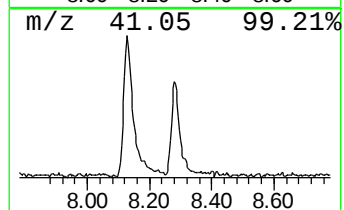
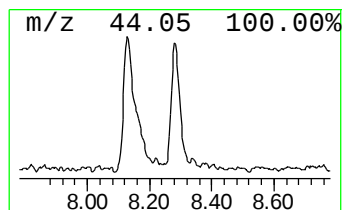
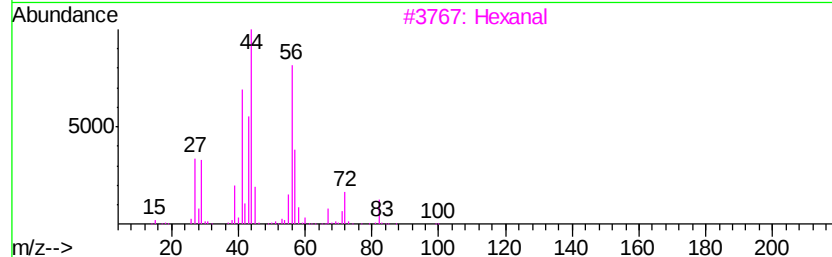
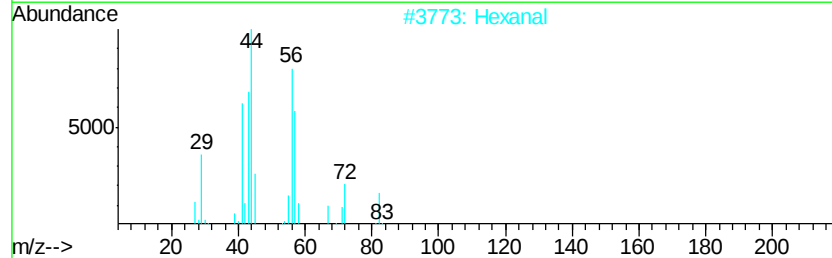
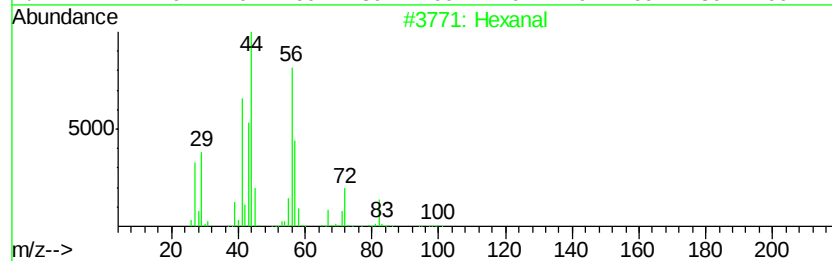
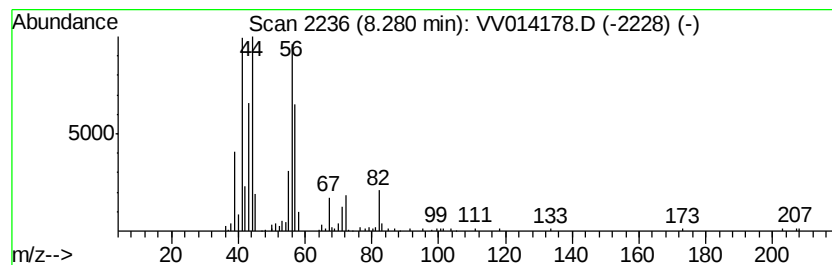
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.28	0.56 ug/L	125006	Chlorobenzene-d5	8.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	68
2	Hexanal		100	C6H12O	000066-25-1	47
3	Hexanal		100	C6H12O	000066-25-1	45
4	Hexanal		100	C6H12O	000066-25-1	42
5	Cyclopentanol, 2-methyl-		100	C6H12O	024070-77-7	38



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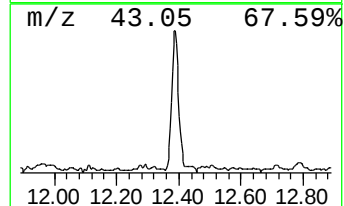
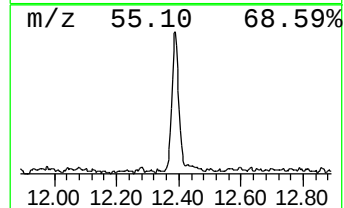
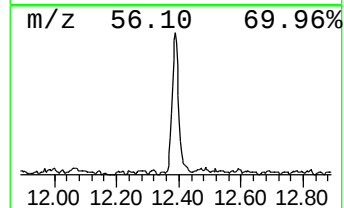
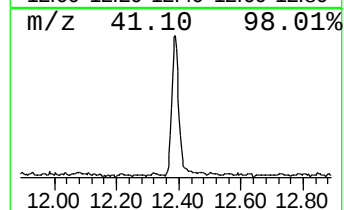
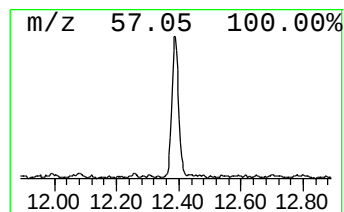
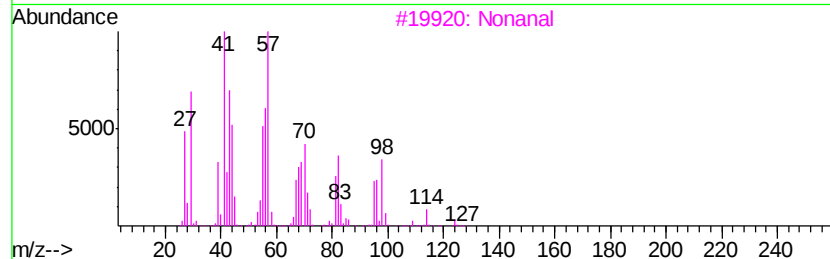
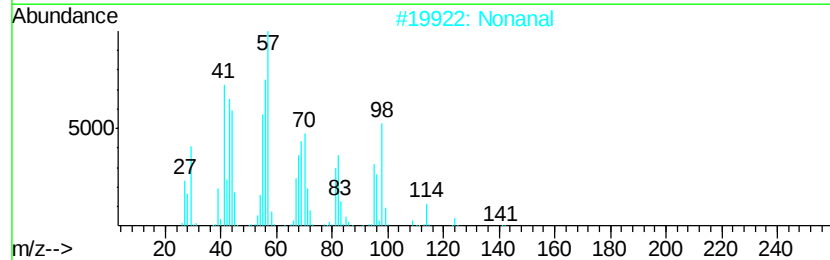
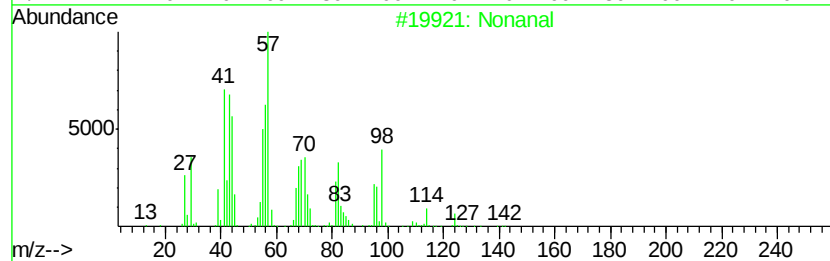
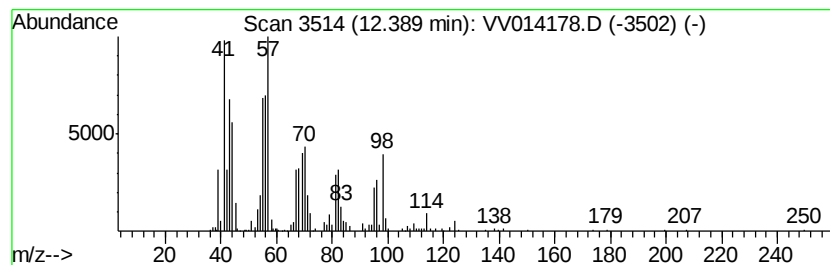
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	1.08 ug/L	219946	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	91
3		Nonanal	142	C9H18O	000124-19-6	91
4		Nonanal	142	C9H18O	000124-19-6	90
5		Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	35



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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
(DEL) Alkane: Cyc...	1.12	1.9	ug/L	332595	1	5.66	882127	5.0
unknown-01	7.03	1.4	ug/L	253970	1	5.66	882127	5.0
Hexanal	8.28	0.6	ug/L	125006	2	8.89	1115520	5.0
Nonanal	12.39	1.1	ug/L	219946	3	11.29	1019430	5.0