

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014172.D
 Acq On : 23 Dec 2019 21:07
 Operator : SY/MD
 Sample : K6404-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDZ8

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	543028	525558	37.79%	3.962%
2	1.190	26	31	38	rBV	33427	31076	2.23%	0.234%
3	1.229	38	43	49	rVB	66391	56530	4.07%	0.426%
4	1.319	62	71	81	rBV2	376777	477867	34.36%	3.602%
5	1.396	90	95	101	rVB	20709	18682	1.34%	0.141%
6	1.431	101	106	117	rVB2	20789	30236	2.17%	0.228%
7	1.582	145	153	163	rBV	196403	225854	16.24%	1.703%
8	1.650	168	174	183	rVB2	31188	40449	2.91%	0.305%
9	1.788	210	217	223	rBV2	35347	43983	3.16%	0.332%
10	1.827	223	229	241	rVB2	33176	41584	2.99%	0.313%
11	2.132	313	324	333	rBV	349642	511087	36.75%	3.853%
12	2.184	335	340	352	rVB	31389	51798	3.72%	0.390%
13	2.319	371	382	396	rBV	121693	183137	13.17%	1.381%
14	2.991	581	591	600	rBV9	11157	23836	1.71%	0.180%
15	3.923	869	881	915	rBV	170340	484825	34.87%	3.655%
16	4.396	1011	1028	1054	rBV	254170	607540	43.69%	4.580%
17	5.094	1228	1245	1272	rBV2	560046	1390564	100.00%	10.483%
18	5.659	1407	1421	1440	rBV	452552	909450	65.40%	6.856%
19	5.958	1501	1514	1529	rBV2	98674	193544	13.92%	1.459%
20	6.113	1548	1562	1579	rBV	315026	639183	45.97%	4.818%
21	7.026	1832	1846	1863	rBV2	139880	261057	18.77%	1.968%
22	7.357	1932	1949	1965	rBV	647121	1122305	80.71%	8.460%
23	7.659	2034	2043	2058	rBV	92908	161790	11.63%	1.220%
24	8.129	2178	2189	2219	rBV	532263	1197929	86.15%	9.030%
25	8.280	2227	2236	2259	rVB3	164567	301398	21.67%	2.272%
26	8.891	2414	2426	2445	rBV	700036	1146271	82.43%	8.641%
27	9.855	2718	2726	2737	rBV	13112	24312	1.75%	0.183%
28	10.257	2833	2851	2869	rBV	235653	384980	27.69%	2.902%
29	11.196	3134	3143	3153	rBV6	23524	41930	3.02%	0.316%
30	11.289	3160	3172	3190	rBV	651268	1034920	74.42%	7.802%
31	11.666	3277	3289	3309	rBV	615036	975120	70.12%	7.351%
32	12.389	3500	3514	3528	rBV3	77838	126720	9.11%	0.955%

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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

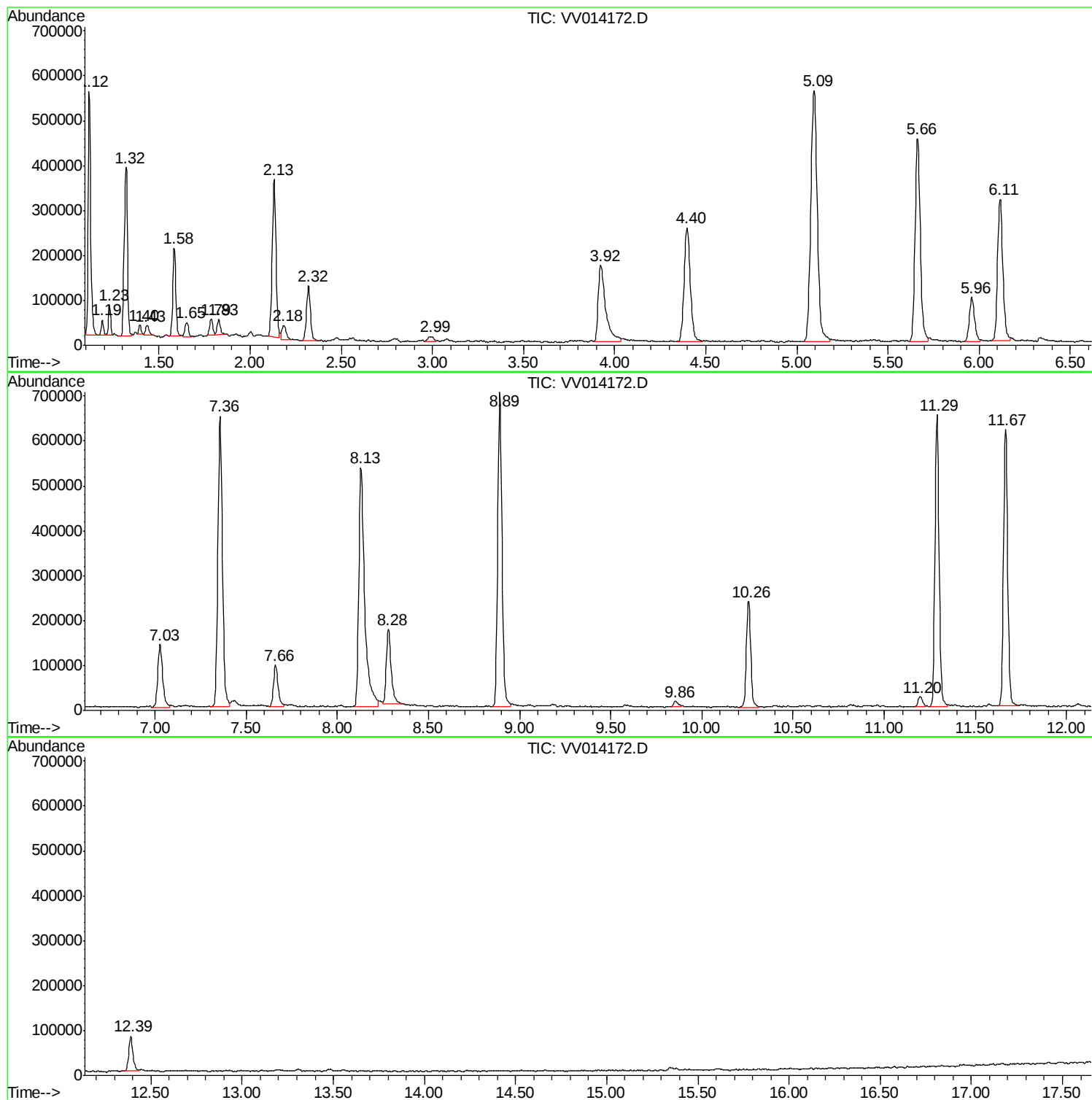
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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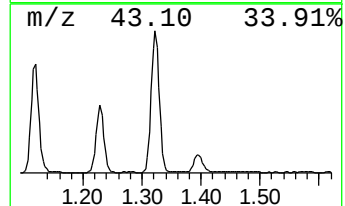
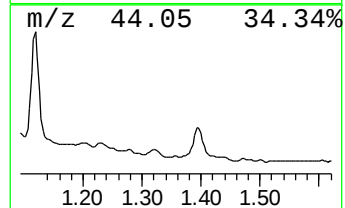
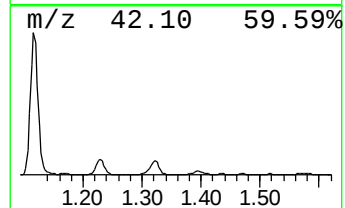
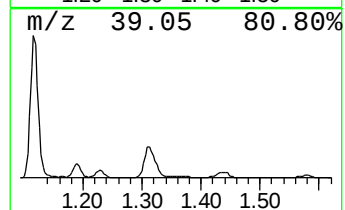
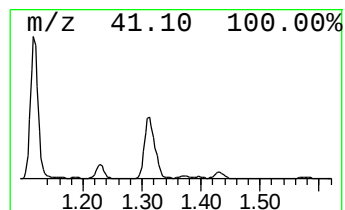
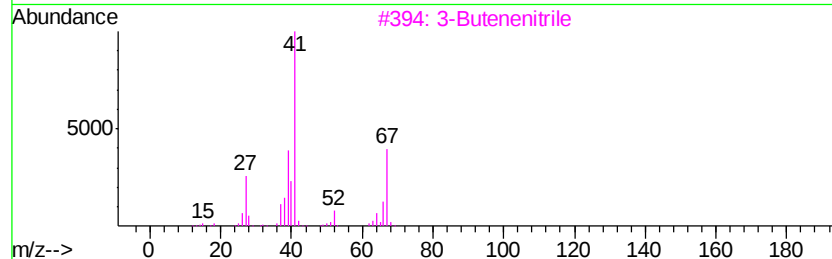
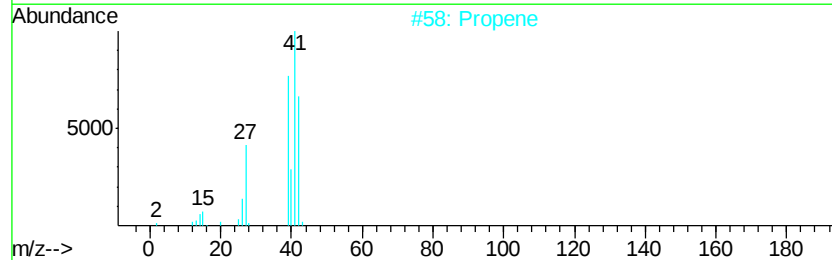
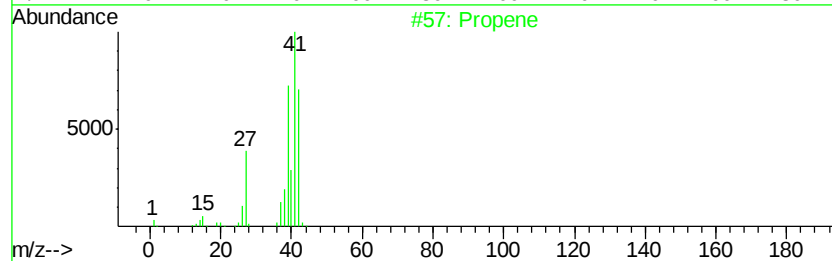
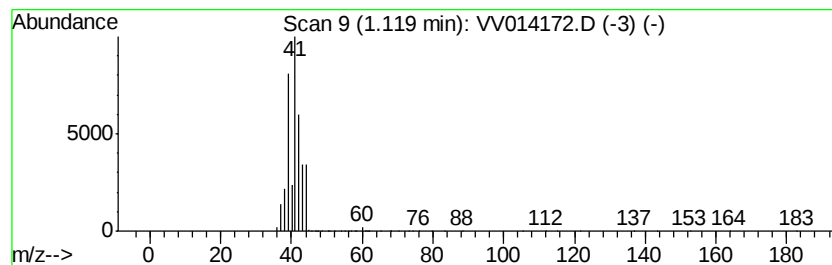
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0

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	2.89 ug/L	525558	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	42
3			3-Butenenitrile	67	C4H5N	000109-75-1	9
4			2-Butenenitrile	67	C4H5N	004786-20-3	9
5			3-Butenenitrile	67	C4H5N	000109-75-1	9



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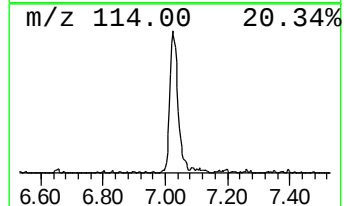
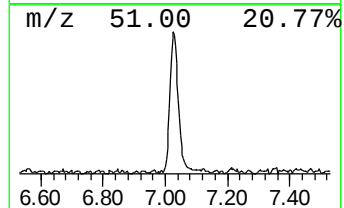
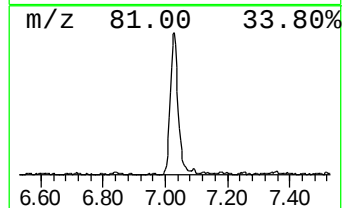
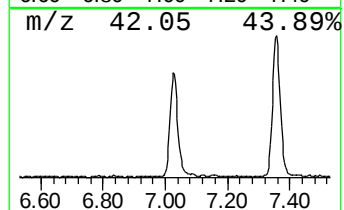
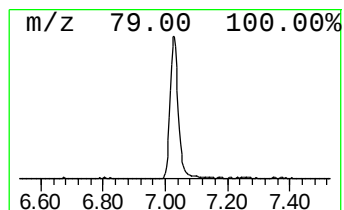
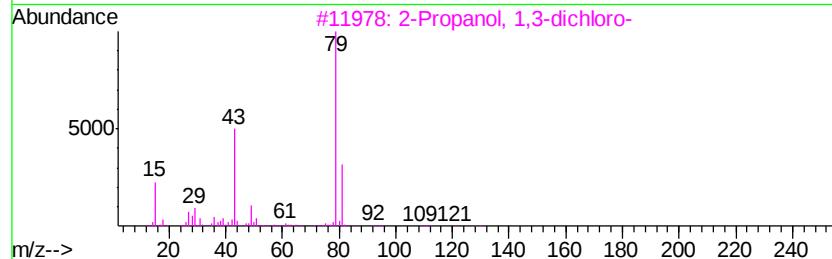
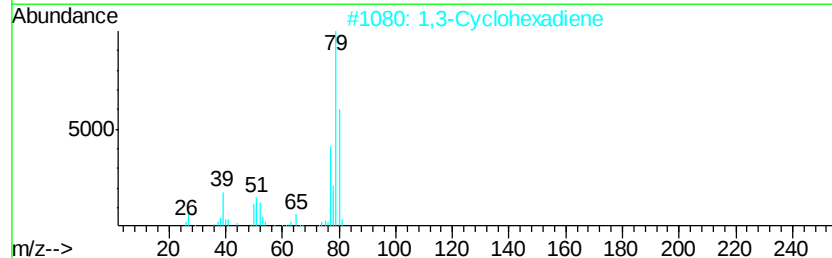
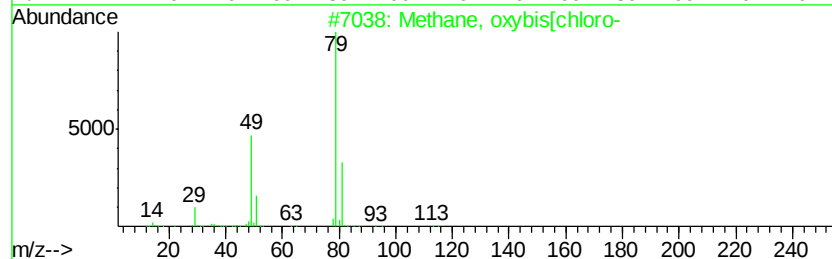
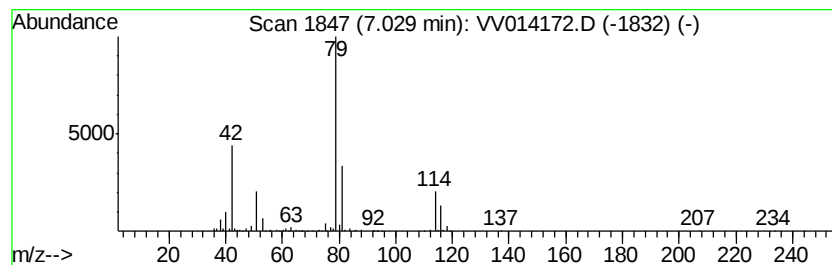
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.44 ug/L	261057	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		1,3-Cyclohexadiene	80	C6H8	000592-57-4	23
3		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
4		3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
5		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9



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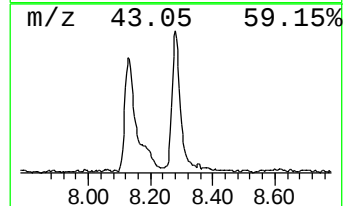
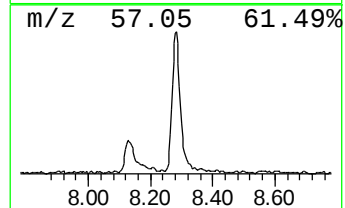
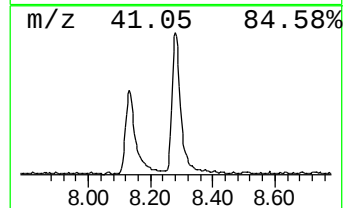
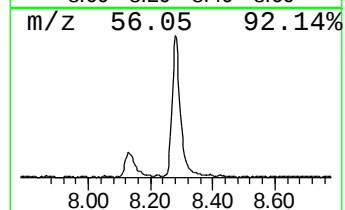
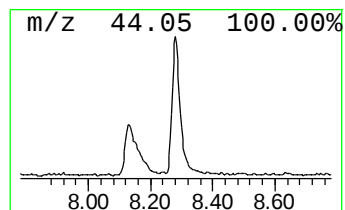
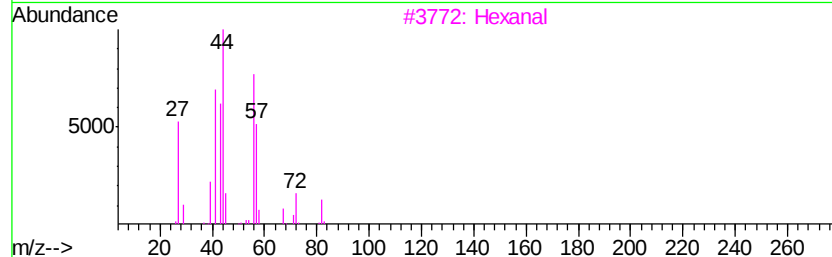
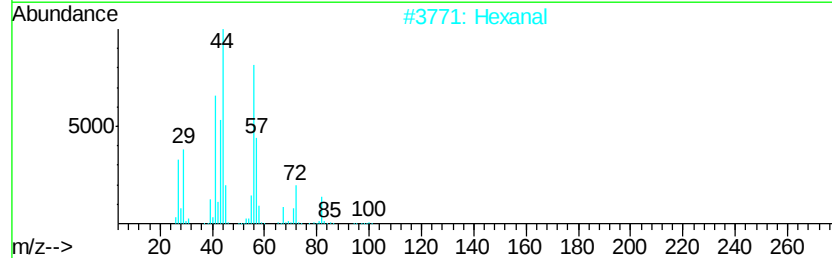
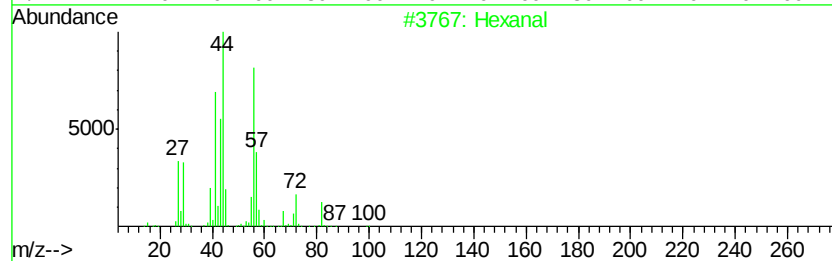
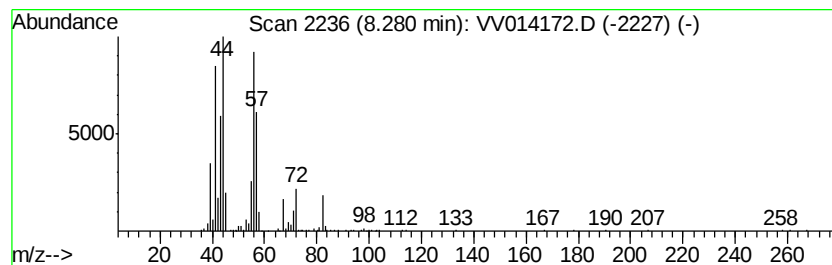
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	1.31 ug/L	301398	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	90
2	Hexanal		100	C6H12O	000066-25-1	90
3	Hexanal		100	C6H12O	000066-25-1	90
4	Hexanal		100	C6H12O	000066-25-1	83
5	Butanal		72	C4H8O	000123-72-8	27



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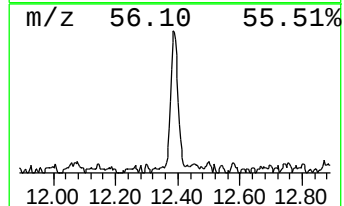
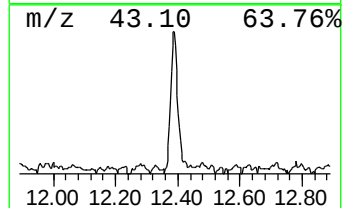
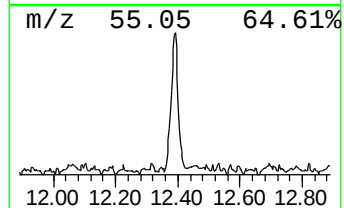
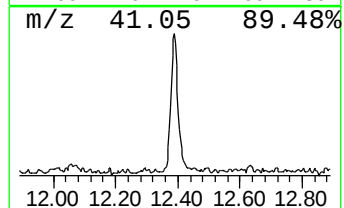
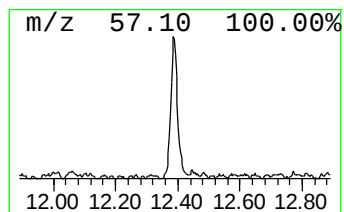
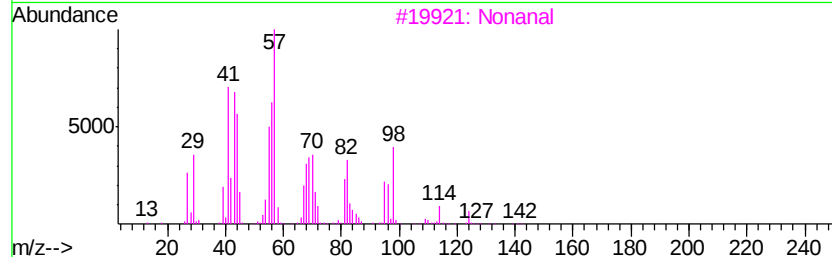
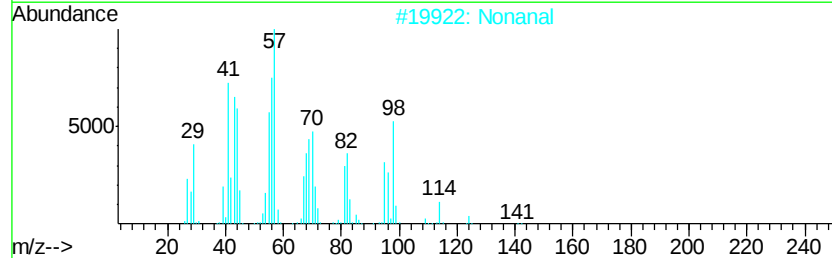
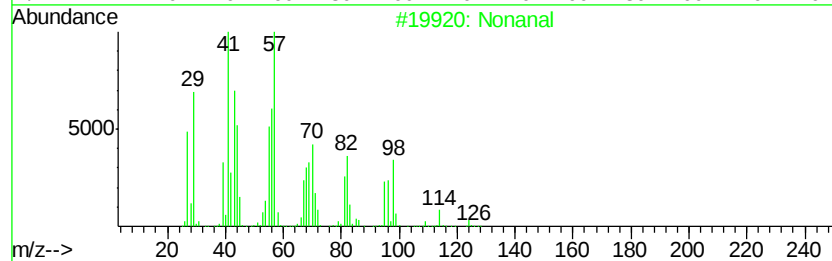
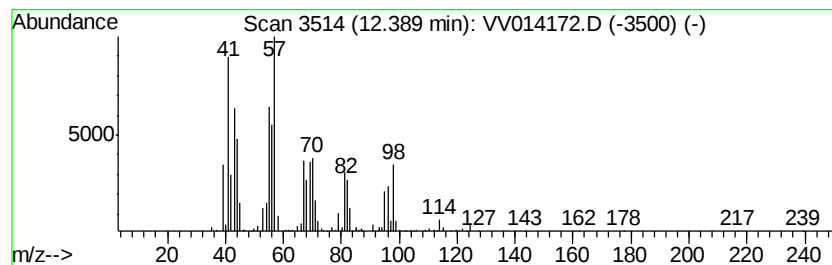
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Peak Number 4 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	0.61 ug/L	126720	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	86
3		Nonanal	142	C9H18O	000124-19-6	86
4		Nonanal	142	C9H18O	000124-19-6	86
5		Cycloheptane	98	C7H14	000291-64-5	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.12	2.9	ug/L	525558	1	5.66	909450	5.0
unknown-01	7.03	1.4	ug/L	261057	1	5.66	909450	5.0
Hexanal	8.28	1.3	ug/L	301398	2	8.89	1146270	5.0
Nonanal	12.39	0.6	ug/L	126720	3	11.29	1034920	5.0