

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\
 Data File : VW004172.D
 Acq On : 24 Jul 2018 13:43
 Operator : SY/AP
 Sample : J4040-03
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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_W\METHOD\SOM2WLM071818S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	16	26	27	rBV	8877	14935	0.69%	0.146%
2	1.801	27	35	54	rVB	919464	2158358	100.00%	21.138%
3	2.154	88	93	95	rBV3	3123	5222	0.24%	0.051%
4	2.343	118	124	136	rVB	46240	86306	4.00%	0.845%
5	2.490	144	148	154	rBV	4732	7737	0.36%	0.076%
6	2.886	206	213	222	rBV	27061	71997	3.34%	0.705%
7	3.831	365	368	369	rBV3	645	662	0.03%	0.006%
8	4.001	385	396	411	rBV2	79598	280929	13.02%	2.751%
9	4.349	451	453	454	rBV2	606	463	0.02%	0.005%
10	4.605	490	495	501	rVB4	787	1730	0.08%	0.017%
11	4.910	534	545	562	rVB3	6921	28295	1.31%	0.277%
12	5.794	689	690	694	rVB3	426	485	0.02%	0.005%
13	5.928	703	712	713	rBV4	2415	4381	0.20%	0.043%
14	6.903	860	872	880	rBV4	3285	9353	0.43%	0.092%
15	7.086	892	902	909	rBV	47260	130910	6.07%	1.282%
16	7.251	927	929	932	rVB4	541	634	0.03%	0.006%
17	7.440	957	960	961	rBV2	762	671	0.03%	0.007%
18	7.537	969	976	983	rBV6	2050	5360	0.25%	0.052%
19	7.647	985	994	1005	rVB	171435	412692	19.12%	4.042%
20	7.952	1042	1044	1049	rVB4	385	641	0.03%	0.006%
21	8.281	1087	1098	1113	rBV2	296633	922548	42.74%	9.035%
22	8.440	1123	1124	1127	rBV3	452	464	0.02%	0.005%
23	8.696	1160	1166	1169	rBV6	958	1803	0.08%	0.018%
24	8.720	1169	1170	1174	rVB3	793	875	0.04%	0.009%
25	8.848	1181	1191	1208	rBV	365446	731407	33.89%	7.163%
26	9.043	1216	1223	1229	rBV3	4192	10513	0.49%	0.103%
27	9.281	1252	1262	1278	rVV	230708	480643	22.27%	4.707%
28	9.415	1278	1284	1293	rVB2	10312	19590	0.91%	0.192%
29	9.513	1293	1300	1306	rVB5	1903	4036	0.19%	0.040%
30	9.665	1319	1325	1329	rVB5	1468	2517	0.12%	0.025%
31	9.750	1337	1339	1340	rBV	529	455	0.02%	0.004%
32	9.811	1344	1349	1351	rBV3	506	937	0.04%	0.009%
33	9.878	1359	1360	1362	rBV2	710	664	0.03%	0.007%
34	10.037	1378	1386	1397	rVV	114718	206729	9.58%	2.025%

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 Title : VOC Analysis

35	10.128	1397	1401	1405	rVB3	1168	1632	0.08%	0.016%
36	10.226	1414	1417	1421	rVB4	655	960	0.04%	0.009%
37	10.330	1425	1434	1441	rBV	392764	688197	31.89%	6.740%
38	10.391	1441	1444	1448	rVB2	2765	4201	0.19%	0.041%
39	10.506	1461	1463	1468	rVB6	2147	2359	0.11%	0.023%
40	10.580	1468	1475	1483	rBV	78978	141143	6.54%	1.382%
41	10.714	1492	1497	1501	rVB4	2780	4701	0.22%	0.046%
42	10.781	1506	1508	1509	rVV	1230	859	0.04%	0.008%
43	10.817	1509	1514	1516	rVV5	1832	3893	0.18%	0.038%
44	10.854	1518	1520	1526	rVV4	2857	5528	0.26%	0.054%
45	10.933	1526	1533	1546	rVV	174405	306442	14.20%	3.001%
46	11.079	1550	1557	1569	rVB	120588	202947	9.40%	1.988%
47	11.275	1586	1589	1590	rBV2	1084	1064	0.05%	0.010%
48	11.299	1590	1593	1595	rVV4	1124	1405	0.07%	0.014%
49	11.524	1627	1630	1632	rBV4	1087	1463	0.07%	0.014%
50	11.549	1632	1634	1635	rBV2	954	669	0.03%	0.007%
51	11.634	1641	1648	1656	rBV	569556	931423	43.15%	9.122%
52	11.841	1677	1682	1686	rBV4	2703	4568	0.21%	0.045%
53	11.939	1695	1698	1701	rBV4	754	1032	0.05%	0.010%
54	12.244	1746	1748	1750	rBV2	817	646	0.03%	0.006%
55	12.348	1758	1765	1771	rBV2	12284	20182	0.94%	0.198%
56	12.555	1796	1799	1802	rBV2	346	594	0.03%	0.006%
57	12.616	1802	1809	1816	rVB	15963	26409	1.22%	0.259%
58	12.701	1816	1823	1830	rBV	236819	399751	18.52%	3.915%
59	12.793	1837	1838	1845	rVB3	738	1101	0.05%	0.011%
60	12.902	1850	1856	1859	rBV5	3193	5709	0.26%	0.056%
61	12.939	1859	1862	1872	rVB7	4748	8338	0.39%	0.082%
62	13.043	1875	1879	1882	rBV3	854	1319	0.06%	0.013%
63	13.097	1882	1888	1894	rBV5	1344	2640	0.12%	0.026%
64	13.171	1894	1900	1901	rBV5	899	1518	0.07%	0.015%
65	13.201	1901	1905	1910	rVB2	2645	4449	0.21%	0.044%
66	13.256	1910	1914	1918	rBV4	1091	2207	0.10%	0.022%
67	13.311	1919	1923	1928	rVB5	3251	4918	0.23%	0.048%
68	13.402	1932	1938	1947	rBV2	24505	43233	2.00%	0.423%
69	13.475	1947	1950	1952	rBV3	918	1340	0.06%	0.013%
70	13.567	1958	1965	1971	rBV	547436	877066	40.64%	8.589%
71	13.652	1977	1979	1986	rVB4	5433	7684	0.36%	0.075%

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72	13.774	1993	1999	2006	rBV8	2550	5908	0.27%	0.058%
73	13.859	2006	2013	2020	rBV	442048	715874	33.17%	7.011%
74	14.030	2036	2041	2043	rBV4	2158	3307	0.15%	0.032%
75	14.079	2045	2049	2058	rVB2	16055	27814	1.29%	0.272%
76	14.201	2066	2069	2071	rBV2	668	761	0.04%	0.007%
77	14.243	2074	2076	2080	rVB4	666	665	0.03%	0.007%
78	14.335	2083	2091	2101	rBV3	44049	74092	3.43%	0.726%
79	14.506	2116	2119	2120	rVV2	677	779	0.04%	0.008%
80	14.536	2120	2124	2129	rVV5	4173	6448	0.30%	0.063%
81	14.640	2138	2141	2142	rBV2	853	860	0.04%	0.008%
82	14.737	2154	2157	2163	rVB4	1662	2580	0.12%	0.025%
83	14.798	2163	2167	2172	rBV6	803	1467	0.07%	0.014%
84	14.957	2191	2193	2198	rVB5	1222	1701	0.08%	0.017%
85	15.140	2220	2223	2225	rVV3	772	1089	0.05%	0.011%
86	15.195	2227	2232	2240	rVB6	3006	6801	0.32%	0.067%
87	15.268	2240	2244	2247	rBV3	720	1017	0.05%	0.010%
88	15.329	2252	2254	2256	rBV	600	499	0.02%	0.005%
89	15.377	2261	2262	2266	rVB3	1074	871	0.04%	0.009%
90	15.420	2266	2269	2270	rBV3	512	529	0.02%	0.005%
91	15.512	2279	2284	2290	rVB3	2499	4643	0.22%	0.045%
92	15.786	2325	2329	2330	rBV4	653	768	0.04%	0.008%
93	15.871	2337	2343	2348	rBV4	12797	21947	1.02%	0.215%
94	15.963	2355	2358	2359	rBV3	488	539	0.02%	0.005%
95	15.987	2361	2362	2366	rVV3	1049	615	0.03%	0.006%
96	16.091	2377	2379	2381	rBV3	740	635	0.03%	0.006%
97	16.133	2381	2386	2394	rVB6	3524	6568	0.30%	0.064%
98	16.457	2435	2439	2443	rVB4	1236	1972	0.09%	0.019%
99	16.597	2461	2462	2466	rVB4	627	536	0.02%	0.005%
100	16.664	2470	2473	2477	rVB5	834	1215	0.06%	0.012%

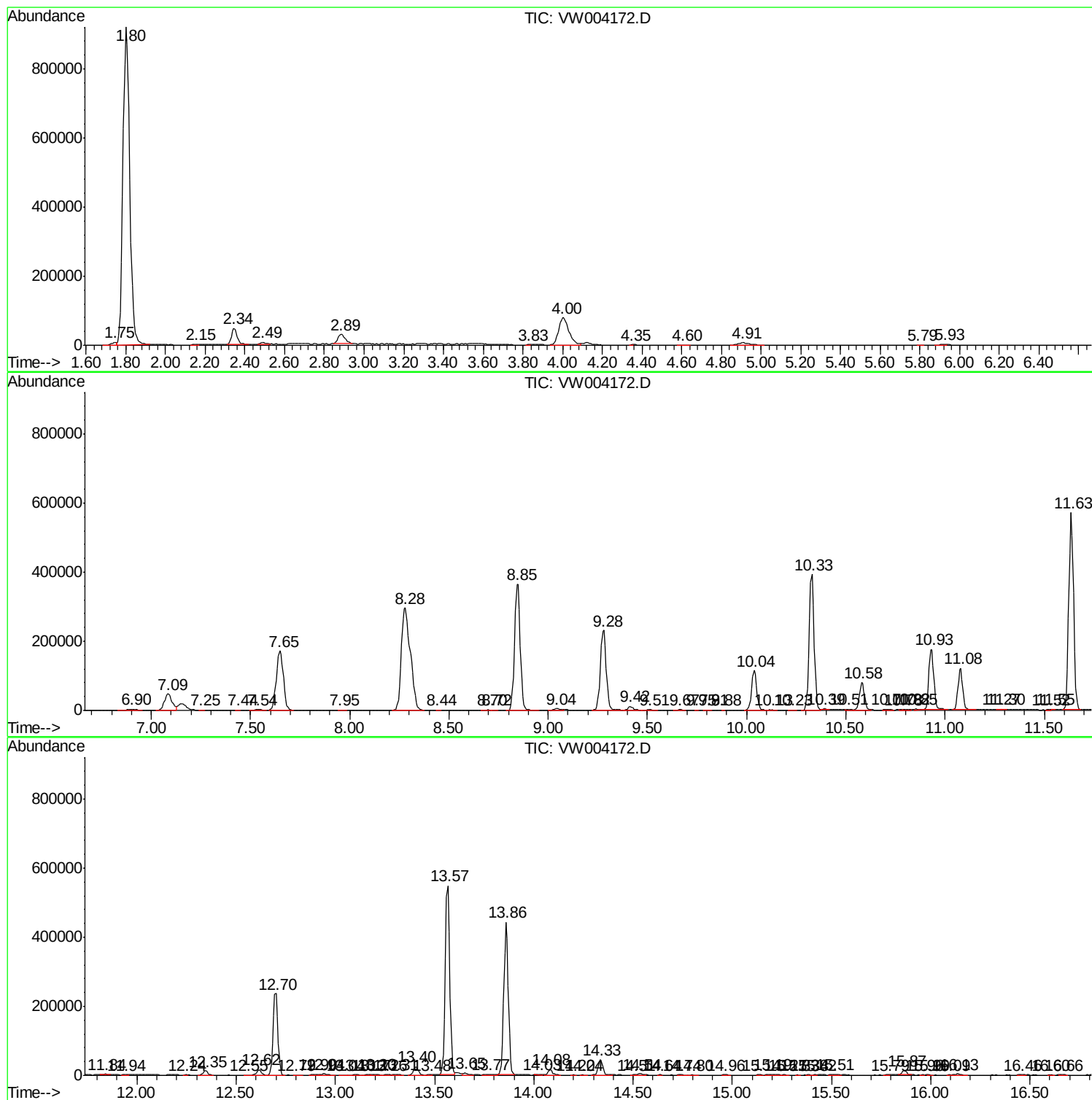
Sum of corrected areas: 10211032

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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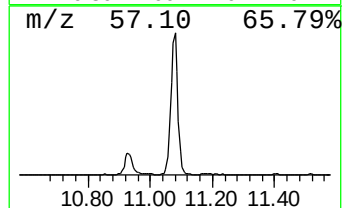
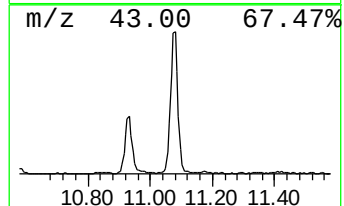
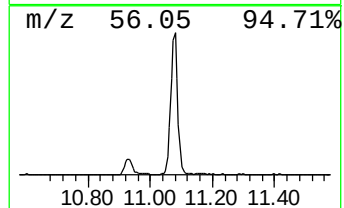
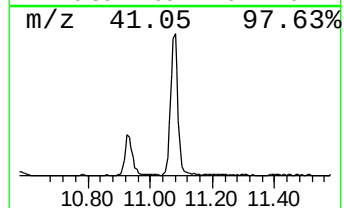
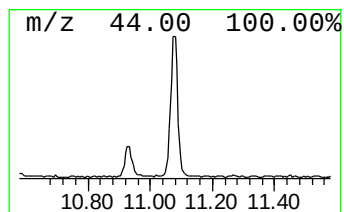
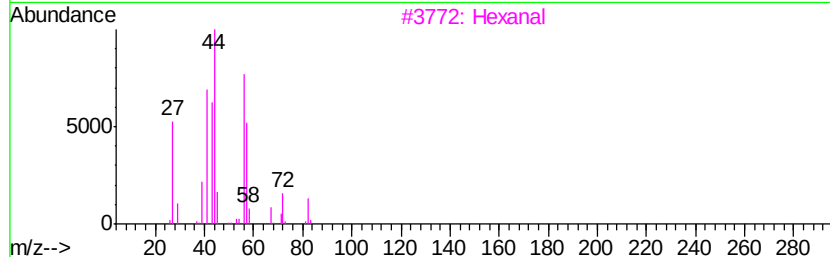
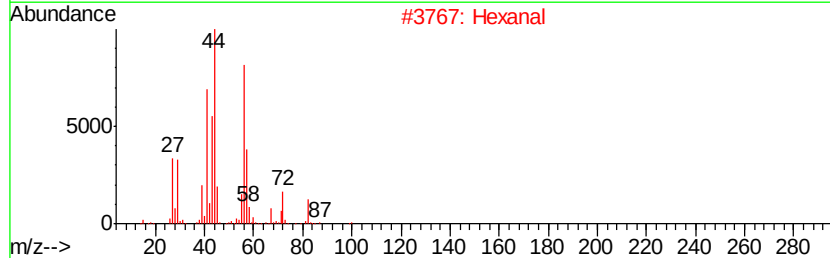
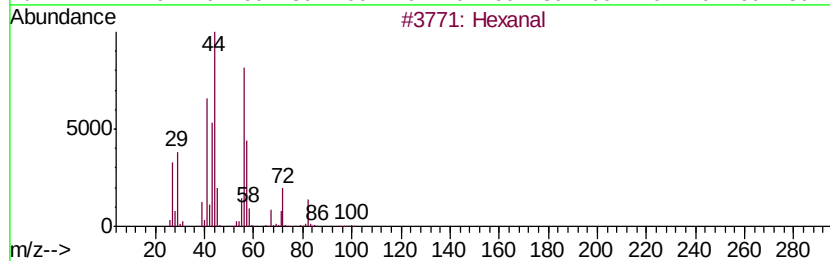
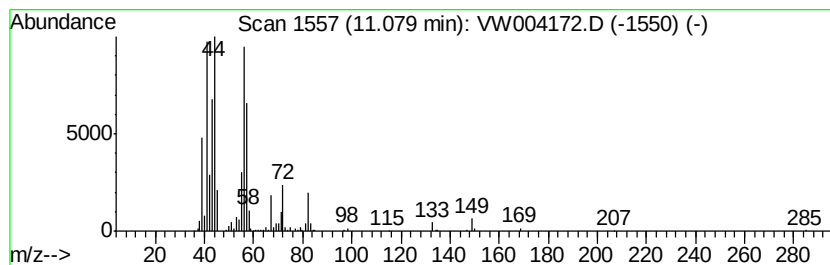
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	5.45 ug/L	202947	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	72
2	Hexanal		100	C6H12O	000066-25-1	59
3	Hexanal		100	C6H12O	000066-25-1	58
4	Hexanal		100	C6H12O	000066-25-1	53
5	Urea, trimethyl-		102	C4H10N2O	000632-14-4	35



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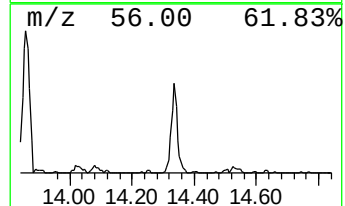
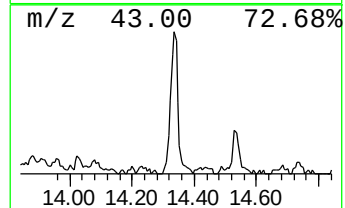
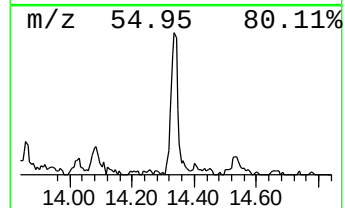
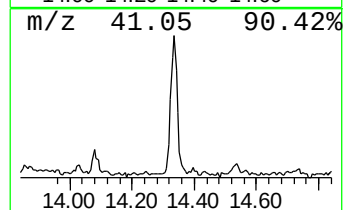
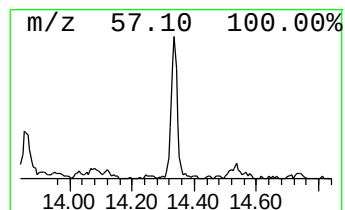
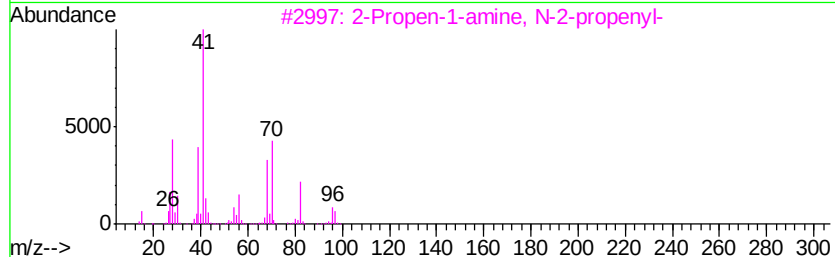
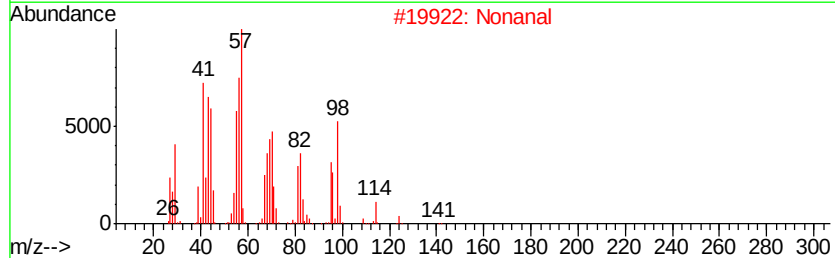
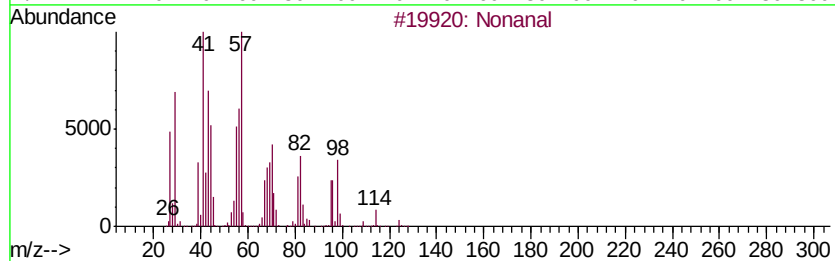
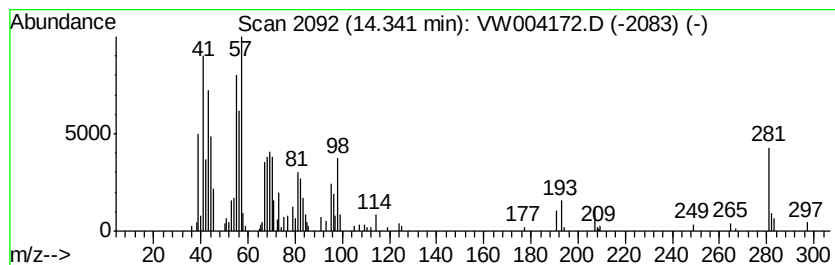
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.11 ug/L	74092	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	86
2		Nonanal	142	C9H18O	000124-19-6	78
3		2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	25
4		Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	22
5		1-Hexanol, 3-methyl-	116	C7H16O	013231-81-7	22



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	11.08	5.5	ug/L	202947	2	11.63	931423	25.0
Nonanal	14.34	2.1	ug/L	74092	3	13.57	877066	25.0