

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072518\
 Data File : VW004193.D
 Acq On : 25 Jul 2018 12:09
 Operator : SY/AP
 Sample : J4040-16
 Misc : 5.95G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE7

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	18	26	28	rBV	11742	22662	1.29%	0.246%
2	1.807	28	36	56	rVB	706400	1761239	100.00%	19.110%
3	2.154	87	93	98	rBV4	3333	7590	0.43%	0.082%
4	2.349	118	125	134	rBV	43163	79031	4.49%	0.858%
5	2.886	206	213	227	rVB	28109	72922	4.14%	0.791%
6	3.849	368	371	376	rVV4	820	1469	0.08%	0.016%
7	4.007	386	397	412	rBV2	65275	232487	13.20%	2.523%
8	4.410	460	463	464	rBV2	827	689	0.04%	0.007%
9	4.428	464	466	470	rVB5	822	1179	0.07%	0.013%
10	4.611	491	496	497	rBV4	525	647	0.04%	0.007%
11	4.916	534	546	563	rBV3	7522	30092	1.71%	0.327%
12	5.080	570	573	575	rBV2	749	709	0.04%	0.008%
13	5.111	575	578	579	rBV	609	548	0.03%	0.006%
14	5.733	678	680	681	rBV	732	591	0.03%	0.006%
15	5.873	698	703	705	rBV2	391	522	0.03%	0.006%
16	5.916	705	710	711	rBV2	2235	2763	0.16%	0.030%
17	6.873	865	867	868	rBV	643	590	0.03%	0.006%
18	6.903	868	872	876	rVV4	1360	2545	0.14%	0.028%
19	7.086	892	902	908	rBV	48746	132300	7.51%	1.436%
20	7.153	909	913	929	rVV	40439	104901	5.96%	1.138%
21	7.385	948	951	954	rBV3	513	821	0.05%	0.009%
22	7.537	969	976	978	rBV4	1246	2473	0.14%	0.027%
23	7.647	984	994	1010	rVB	155622	381140	21.64%	4.136%
24	7.934	1037	1041	1042	rVV4	471	632	0.04%	0.007%
25	8.043	1055	1059	1063	rBV3	435	705	0.04%	0.008%
26	8.275	1082	1097	1115	rBV2	288116	900519	51.13%	9.771%
27	8.409	1117	1119	1123	rVB2	645	762	0.04%	0.008%
28	8.476	1126	1130	1137	rVB5	729	1458	0.08%	0.016%
29	8.580	1143	1147	1149	rVB3	314	498	0.03%	0.005%
30	8.616	1149	1153	1158	rBV4	580	1287	0.07%	0.014%
31	8.689	1161	1165	1176	rVB6	1182	2847	0.16%	0.031%
32	8.848	1181	1191	1203	rBV	352416	689159	39.13%	7.478%
33	9.043	1216	1223	1235	rBV5	9919	24208	1.37%	0.263%
34	9.275	1253	1261	1270	rBV	209829	437328	24.83%	4.745%

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 Title : VOC Analysis

35	9.415	1277	1284	1294	rVB3	5045	11280	0.64%	0.122%
36	9.512	1296	1300	1309	rVB6	1015	2155	0.12%	0.023%
37	9.665	1321	1325	1331	rVB3	1516	2307	0.13%	0.025%
38	9.769	1337	1342	1344	rBV3	984	1870	0.11%	0.020%
39	9.836	1351	1353	1358	rBV3	538	508	0.03%	0.006%
40	9.884	1358	1361	1362	rBV2	1125	945	0.05%	0.010%
41	9.994	1375	1379	1380	rVV2	1322	1306	0.07%	0.014%
42	10.037	1380	1386	1397	rVB	89433	163132	9.26%	1.770%
43	10.128	1397	1401	1406	rVB5	1049	1927	0.11%	0.021%
44	10.214	1412	1415	1417	rBV2	823	919	0.05%	0.010%
45	10.250	1420	1421	1425	rVB3	889	694	0.04%	0.008%
46	10.329	1425	1434	1441	rBV	350524	625669	35.52%	6.789%
47	10.390	1441	1444	1448	rVB3	2423	3968	0.23%	0.043%
48	10.579	1469	1475	1487	rVB	65641	114849	6.52%	1.246%
49	10.707	1491	1496	1504	rBV2	5308	10244	0.58%	0.111%
50	10.817	1504	1514	1516	rBV2	2975	8246	0.47%	0.089%
51	10.933	1526	1533	1543	rBV	176489	306686	17.41%	3.328%
52	11.073	1550	1556	1568	rVB2	46201	81117	4.61%	0.880%
53	11.177	1571	1573	1580	rVB6	1911	3032	0.17%	0.033%
54	11.268	1584	1588	1589	rBV3	1540	1799	0.10%	0.020%
55	11.402	1608	1610	1612	rBV2	1097	1075	0.06%	0.012%
56	11.445	1613	1617	1623	rVB	7831	13393	0.76%	0.145%
57	11.549	1629	1634	1635	rBV3	2222	3346	0.19%	0.036%
58	11.634	1640	1648	1656	rVV	509669	863451	49.03%	9.369%
59	11.841	1674	1682	1687	rBV7	2435	5428	0.31%	0.059%
60	12.171	1733	1736	1737	rBV	1959	2071	0.12%	0.022%
61	12.244	1746	1748	1754	rVB5	737	1059	0.06%	0.011%
62	12.341	1758	1764	1770	rBV4	9302	15550	0.88%	0.169%
63	12.475	1782	1786	1790	rBV4	864	1437	0.08%	0.016%
64	12.616	1801	1809	1815	rVB2	16436	30401	1.73%	0.330%
65	12.701	1816	1823	1830	rBV	238083	396748	22.53%	4.305%
66	12.805	1838	1840	1846	rVB4	852	1162	0.07%	0.013%
67	12.878	1848	1852	1853	rBV2	542	570	0.03%	0.006%
68	12.902	1853	1856	1859	rVV3	648	1130	0.06%	0.012%
69	12.939	1859	1862	1866	rVV3	3699	5934	0.34%	0.064%
70	13.085	1882	1886	1889	rBV3	1728	2973	0.17%	0.032%
71	13.201	1901	1905	1912	rVB2	3695	5822	0.33%	0.063%

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72	13.311	1919	1923	1928	rVB4	4286	6964	0.40%	0.076%
73	13.408	1931	1939	1945	rBV3	20288	39156	2.22%	0.425%
74	13.567	1958	1965	1971	rBV	500234	791272	44.93%	8.586%
75	13.774	1993	1999	2003	rBV4	2943	5623	0.32%	0.061%
76	13.859	2006	2013	2024	rBV	387783	647080	36.74%	7.021%
77	14.024	2035	2040	2045	rBV6	4220	7375	0.42%	0.080%
78	14.085	2045	2050	2057	rVV	10987	18571	1.05%	0.202%
79	14.231	2071	2074	2077	rVB3	551	691	0.04%	0.007%
80	14.335	2084	2091	2099	rBV3	27386	45714	2.60%	0.496%
81	14.432	2102	2107	2112	rVB6	2578	3856	0.22%	0.042%
82	14.536	2119	2124	2131	rVB2	6423	10289	0.58%	0.112%
83	14.731	2153	2156	2160	rVV5	1060	1861	0.11%	0.020%
84	14.841	2172	2174	2176	rBV2	497	495	0.03%	0.005%
85	14.877	2176	2180	2184	rVV5	1350	1964	0.11%	0.021%
86	14.957	2189	2193	2200	rVV6	1346	2398	0.14%	0.026%
87	15.121	2216	2220	2221	rBV3	517	767	0.04%	0.008%
88	15.146	2222	2224	2227	rVB3	692	652	0.04%	0.007%
89	15.194	2227	2232	2235	rBV3	3409	5548	0.32%	0.060%
90	15.261	2240	2243	2248	rVB5	805	1513	0.09%	0.016%
91	15.505	2280	2283	2290	rBV4	1843	3516	0.20%	0.038%
92	15.731	2317	2320	2321	rBV2	411	546	0.03%	0.006%
93	15.780	2324	2328	2330	rBV4	719	925	0.05%	0.010%
94	15.871	2337	2343	2352	rVB4	10864	19230	1.09%	0.209%
95	15.987	2358	2362	2365	rVB3	730	825	0.05%	0.009%
96	16.127	2382	2385	2392	rVB6	1984	3491	0.20%	0.038%
97	16.347	2419	2421	2423	rBV2	565	472	0.03%	0.005%
98	16.365	2423	2424	2429	rBV2	466	594	0.03%	0.006%
99	16.530	2448	2451	2453	rBV3	436	583	0.03%	0.006%
100	16.773	2488	2491	2493	rBV2	495	616	0.03%	0.007%

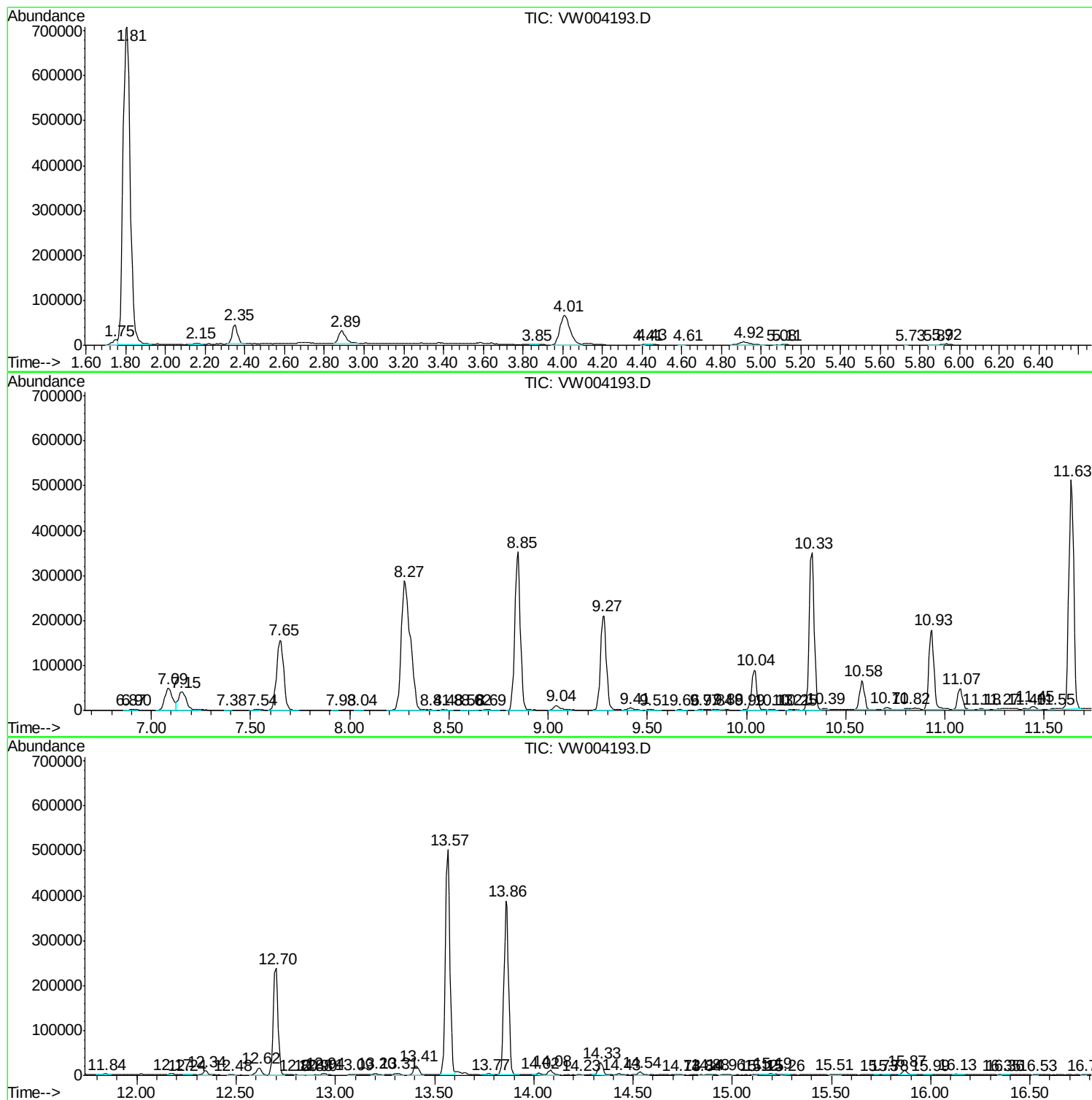
Sum of corrected areas: 9216103

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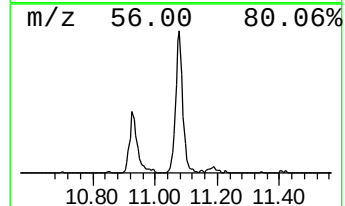
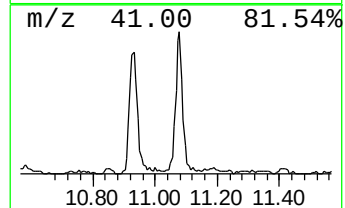
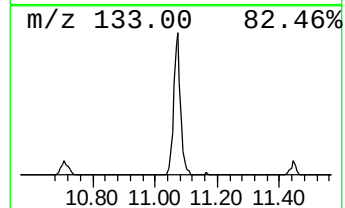
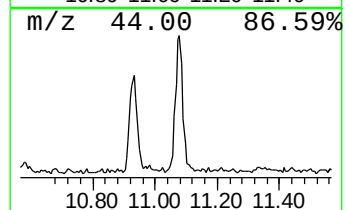
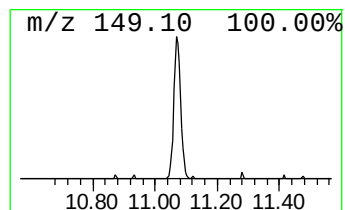
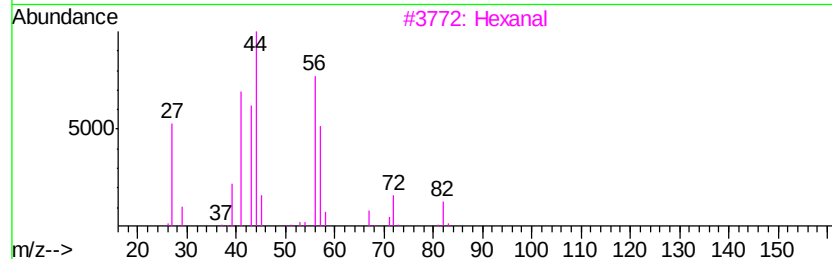
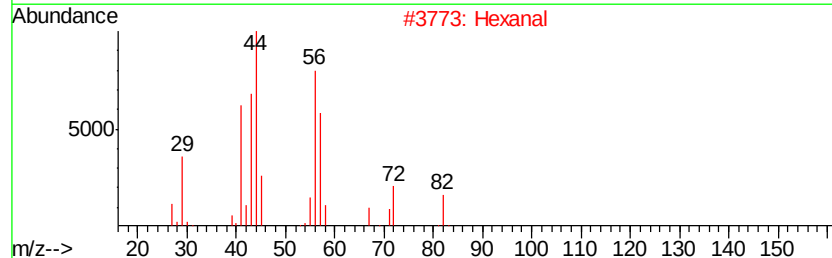
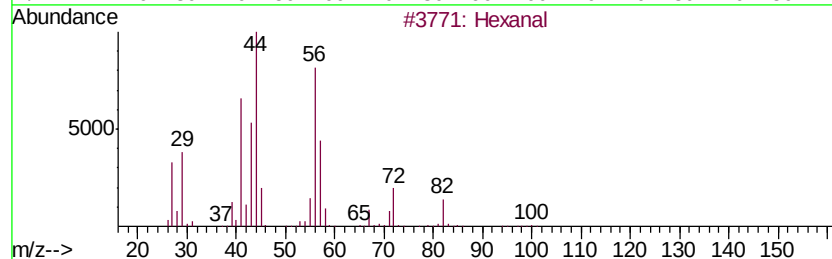
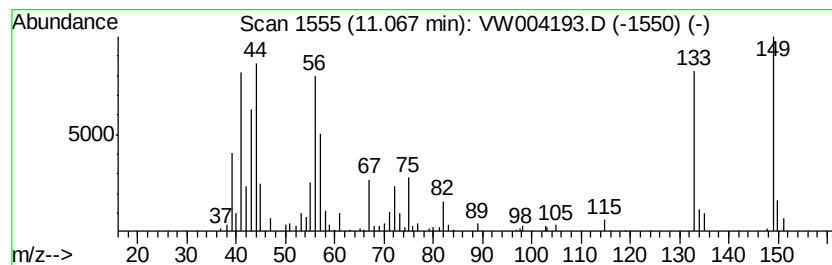
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.35 ug/L	81117	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	49
2		Hexanal	100	C6H12O	000066-25-1	49
3		Hexanal	100	C6H12O	000066-25-1	47
4		Butanal	72	C4H8O	000123-72-8	14
5		Butanal	72	C4H8O	000123-72-8	14



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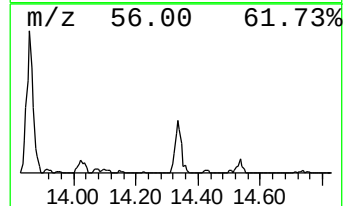
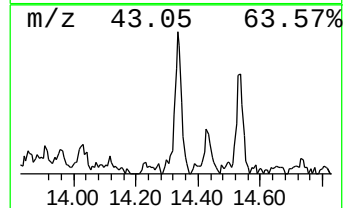
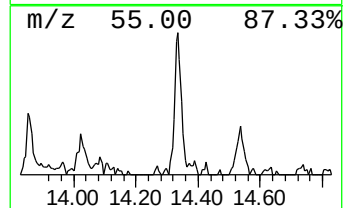
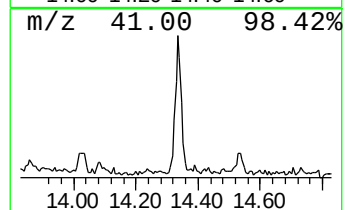
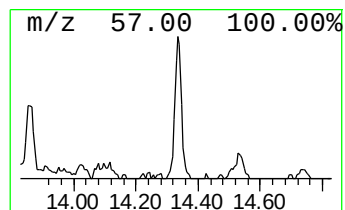
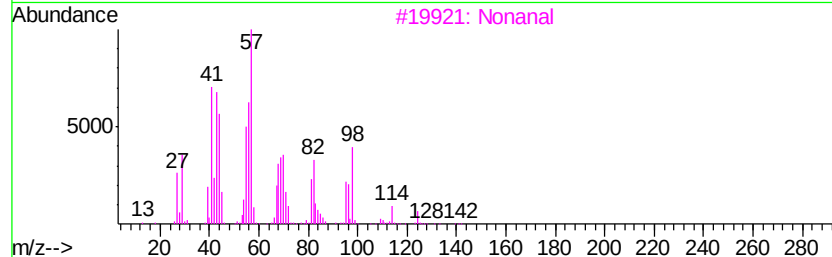
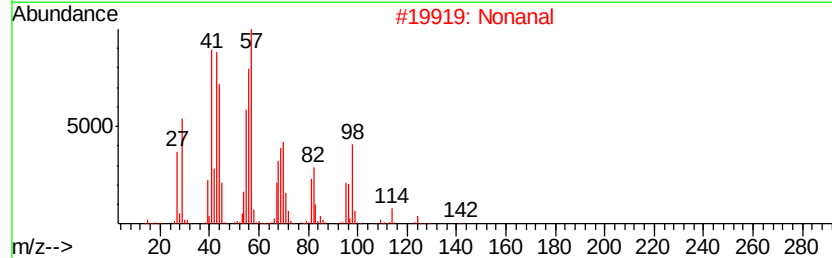
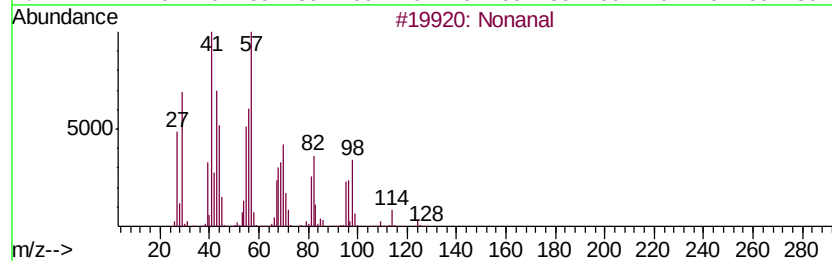
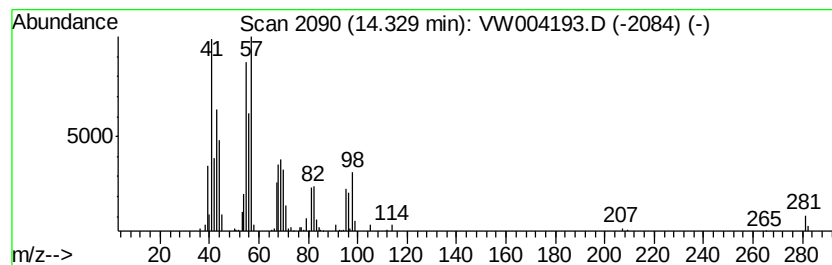
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.44 ug/L	45714	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	80
2	Nonanal		142	C9H18O	000124-19-6	72
3	Nonanal		142	C9H18O	000124-19-6	58
4	2-Hepten-1-ol, (E)-		114	C7H14O	033467-76-4	38
5	trans-2-Undecen-1-ol		170	C11H22O	075039-84-8	27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.07	2.4	ug/L	81117	2	11.63	863451	25.0
Nonanal	14.33	1.4	ug/L	45714	3	13.57	791272	25.0