

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009543.D
 Acq On : 28 Mar 2019 17:30
 Operator : SY/VA
 Sample : K2068-12RE
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K8RE

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\SOM2WLM031419S.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	1.959	5	9	22	rVB4	15803	39490	3.18%	0.450%
2	2.154	37	41	49	rBV6	7837	20000	1.61%	0.228%
3	2.361	68	75	86	rBV	87320	199809	16.07%	2.277%
4	2.891	155	162	174	rBV	79490	210781	16.95%	2.403%
5	3.751	301	303	306	rVB4	1805	1997	0.16%	0.023%
6	4.013	334	346	358	rBV	140923	490098	39.41%	5.586%
7	4.111	360	362	375	rVB2	25723	62569	5.03%	0.713%
8	4.397	399	409	416	rVB6	5546	18053	1.45%	0.206%
9	4.574	436	438	440	rBV3	998	1294	0.10%	0.015%
10	4.678	453	455	462	rVB5	1030	2083	0.17%	0.024%
11	4.915	481	494	510	rVV3	40843	170116	13.68%	1.939%
12	5.537	592	596	599	rVV3	879	965	0.08%	0.011%
13	5.623	605	610	613	rBV6	722	1275	0.10%	0.015%
14	5.787	627	637	638	rBV6	3531	9234	0.74%	0.105%
15	5.934	648	661	671	rBV3	23768	72801	5.85%	0.830%
16	6.129	692	693	697	rVB3	1019	1006	0.08%	0.011%
17	6.220	705	708	711	rBV5	952	1242	0.10%	0.014%
18	6.403	736	738	741	rBV2	706	944	0.08%	0.011%
19	6.635	773	776	777	rVB2	1080	1038	0.08%	0.012%
20	6.763	791	797	801	rVB4	993	1966	0.16%	0.022%
21	6.811	801	805	808	rVB5	790	1119	0.09%	0.013%
22	6.860	808	813	814	rBV2	1232	1909	0.15%	0.022%
23	6.964	829	830	833	rBV3	1128	1281	0.10%	0.015%
24	7.080	840	849	859	rBV	44671	133520	10.74%	1.522%
25	7.165	861	863	872	rVB3	7388	15962	1.28%	0.182%
26	7.305	881	886	888	rBV5	1520	1932	0.16%	0.022%
27	7.519	916	921	922	rBV3	1199	1553	0.12%	0.018%
28	7.537	922	924	928	rVB4	1528	1481	0.12%	0.017%
29	7.641	929	941	952	rBV	234446	561818	45.18%	6.404%
30	8.018	1000	1003	1004	rVB3	1030	918	0.07%	0.010%
31	8.275	1033	1045	1059	rBV2	412104	1243438	100.00%	14.173%
32	8.543	1086	1089	1095	rBV6	2184	4694	0.38%	0.054%
33	8.634	1101	1104	1106	rVB4	1093	1066	0.09%	0.012%
34	8.842	1129	1138	1146	rBV	379818	745380	59.95%	8.496%

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35	9.031	1167	1169	1174	rVV6	1536	2718	0.22%	0.031%
36	9.073	1174	1176	1181	rVB4	1925	2595	0.21%	0.030%
37	9.128	1181	1185	1189	rVB6	1173	1879	0.15%	0.021%
38	9.274	1199	1209	1221	rBV	286936	596979	48.01%	6.805%
39	9.415	1231	1232	1236	rVB4	1702	2070	0.17%	0.024%
40	9.597	1259	1262	1263	rBV3	1032	1002	0.08%	0.011%
41	9.750	1284	1287	1295	rBV6	1886	4325	0.35%	0.049%
42	9.890	1304	1310	1316	rVB4	4610	9594	0.77%	0.109%
43	9.969	1319	1323	1325	rBV5	645	983	0.08%	0.011%
44	10.030	1326	1333	1341	rBV	124511	228916	18.41%	2.609%
45	10.177	1355	1357	1359	rBV3	1218	1331	0.11%	0.015%
46	10.250	1365	1369	1374	rBV4	2548	3983	0.32%	0.045%
47	10.323	1374	1381	1389	rBV	529546	915191	73.60%	10.432%
48	10.475	1403	1406	1407	rBV3	1341	1147	0.09%	0.013%
49	10.573	1415	1422	1433	rBV2	89014	157041	12.63%	1.790%
50	10.701	1438	1443	1450	rVB5	3004	5820	0.47%	0.066%
51	10.829	1462	1464	1465	rBV2	1143	985	0.08%	0.011%
52	10.853	1465	1468	1474	rVB5	4587	8000	0.64%	0.091%
53	10.927	1474	1480	1497	rBV	160475	293920	23.64%	3.350%
54	11.158	1515	1518	1521	rBV5	1078	1430	0.12%	0.016%
55	11.256	1532	1534	1537	rBV2	1740	1727	0.14%	0.020%
56	11.506	1573	1575	1576	rBV2	2015	1136	0.09%	0.013%
57	11.530	1578	1579	1580	rBV	1641	996	0.08%	0.011%
58	11.628	1588	1595	1605	rBV	487244	833569	67.04%	9.501%
59	11.853	1627	1632	1633	rBV5	2290	3791	0.30%	0.043%
60	12.164	1680	1683	1686	rBV5	1389	2188	0.18%	0.025%
61	12.347	1710	1713	1716	rVV5	1127	1548	0.12%	0.018%
62	12.469	1727	1733	1738	rBV8	1802	3747	0.30%	0.043%
63	12.615	1750	1757	1762	rVB4	7080	13068	1.05%	0.149%
64	12.694	1762	1770	1778	rBV	239331	392357	31.55%	4.472%
65	12.853	1793	1796	1799	rBV4	1051	1418	0.11%	0.016%
66	12.908	1799	1805	1806	rBV4	1633	2484	0.20%	0.028%
67	13.194	1849	1852	1857	rVB6	2476	3317	0.27%	0.038%
68	13.286	1859	1867	1869	rBV8	1746	3847	0.31%	0.044%
69	13.408	1883	1887	1892	rVV7	4000	7272	0.58%	0.083%
70	13.481	1893	1899	1900	rBV6	2558	3922	0.32%	0.045%
71	13.560	1905	1912	1920	rVV	352759	570201	45.86%	6.499%

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72	13.652	1924	1927	1933	rVB6	3696	6258	0.50%	0.071%
73	13.774	1940	1947	1952	rBV8	2889	6256	0.50%	0.071%
74	13.853	1953	1960	1968	rBV	339638	565374	45.47%	6.444%
75	13.993	1981	1983	1985	rBV2	1373	921	0.07%	0.010%
76	14.036	1988	1990	1992	rVV3	1243	915	0.07%	0.010%
77	14.078	1992	1997	2002	rVV3	6093	8526	0.69%	0.097%
78	14.194	2014	2016	2020	rVB3	1054	1496	0.12%	0.017%
79	14.334	2033	2039	2042	rBV6	3925	6567	0.53%	0.075%
80	14.511	2066	2068	2071	rBV2	1075	1002	0.08%	0.011%
81	14.597	2080	2082	2085	rBV3	1204	1577	0.13%	0.018%
82	14.731	2099	2104	2108	rVB6	1521	2277	0.18%	0.026%
83	14.779	2108	2112	2114	rBV2	1119	1489	0.12%	0.017%
84	14.804	2114	2116	2120	rVB3	1284	1584	0.13%	0.018%
85	14.975	2141	2144	2146	rVB2	823	952	0.08%	0.011%
86	15.072	2156	2160	2164	rVB6	1024	1729	0.14%	0.020%
87	15.231	2183	2186	2187	rBV3	1330	1021	0.08%	0.012%
88	15.346	2201	2205	2206	rBV2	1049	1022	0.08%	0.012%
89	15.383	2209	2211	2212	rVV2	1295	1291	0.10%	0.015%
90	15.414	2213	2216	2217	rVV3	3505	3971	0.32%	0.045%
91	15.444	2217	2221	2226	rVV3	12102	21480	1.73%	0.245%
92	15.505	2226	2231	2237	rVB	7118	14297	1.15%	0.163%
93	15.615	2246	2249	2251	rBV4	1249	1240	0.10%	0.014%
94	15.700	2261	2263	2264	rBV2	1268	943	0.08%	0.011%
95	15.804	2277	2280	2285	rVB5	2385	3718	0.30%	0.042%
96	15.895	2292	2295	2301	rVB8	1497	1998	0.16%	0.023%
97	16.048	2318	2320	2325	rVB6	1452	1725	0.14%	0.020%
98	16.291	2357	2360	2365	rBV5	1058	1625	0.13%	0.019%
99	16.621	2412	2414	2416	rBV3	925	978	0.08%	0.011%
100	16.645	2416	2418	2422	rVB4	1176	1678	0.13%	0.019%

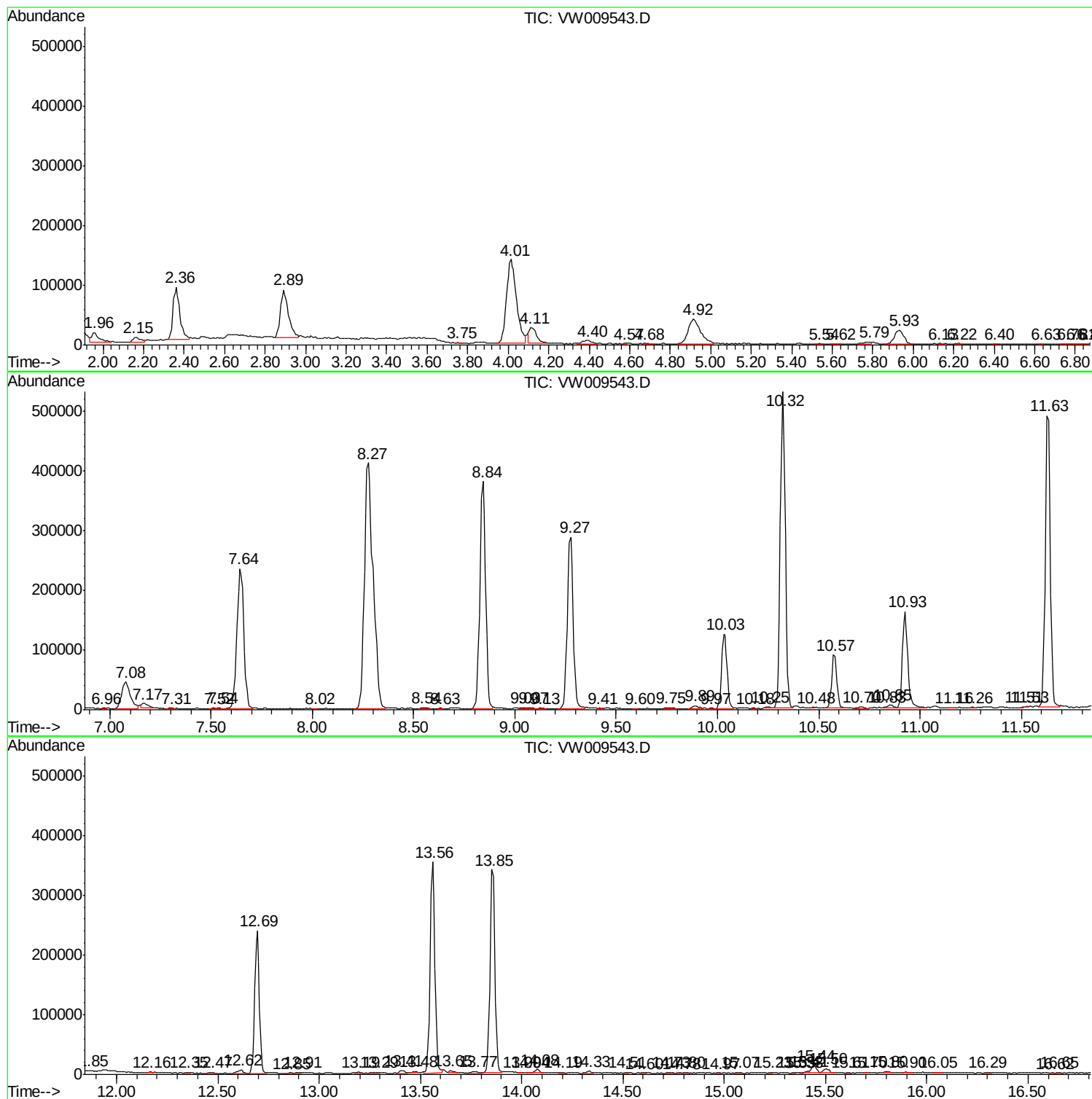
Sum of corrected areas: 8773239

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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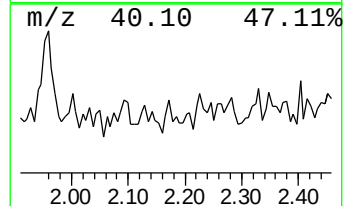
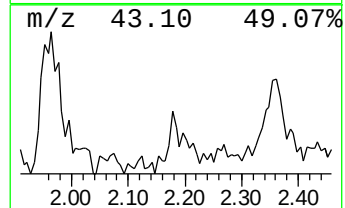
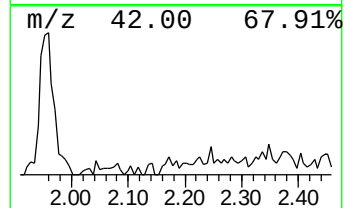
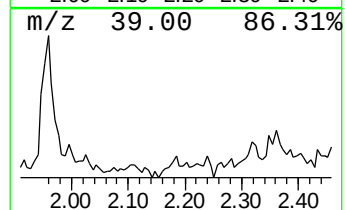
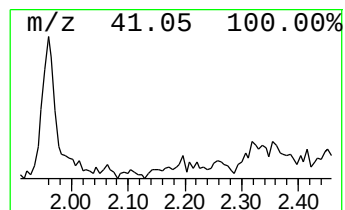
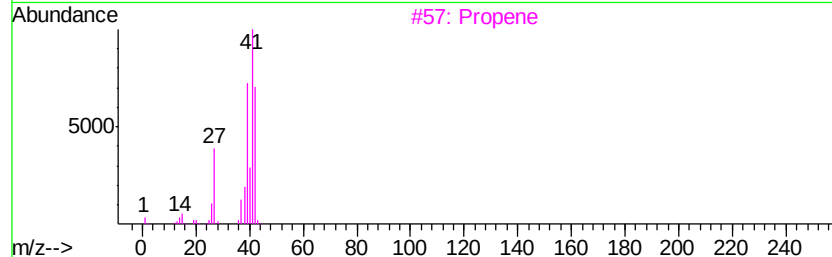
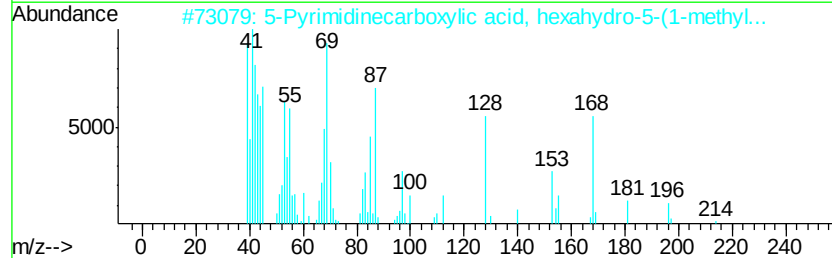
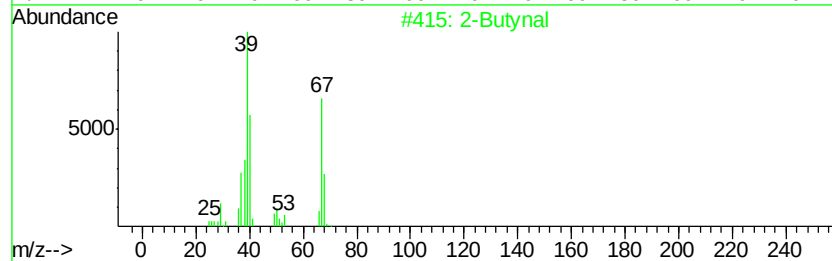
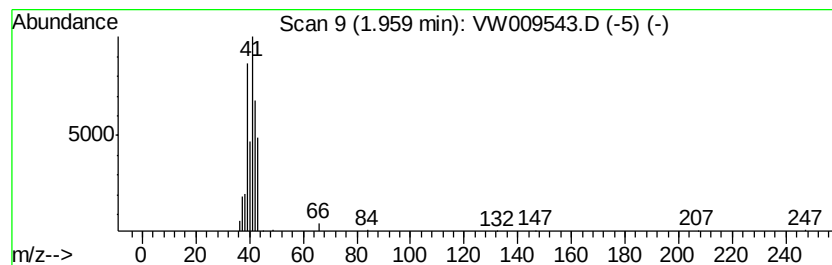
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Butynal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	1.32 ug/L	39490	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Butynal	68 C4H4O	001119-19-3	72
2	5-Pyrimidinecarboxylic acid, hex...	214 C8H10N2O5	072088-02-9	64
3	Propene	42 C3H6	000115-07-1	64
4	1-Propyne, 3-bromo-	118 C3H3Br	000106-96-7	56
5	1-Propyne, 3-chloro-	74 C3H3Cl	000624-65-7	56



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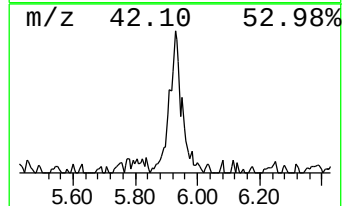
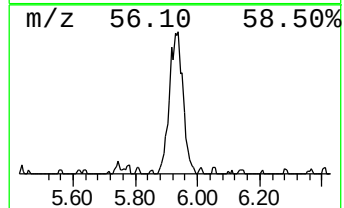
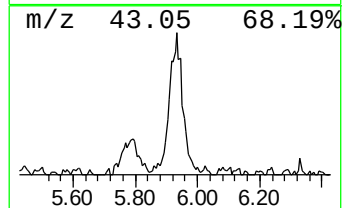
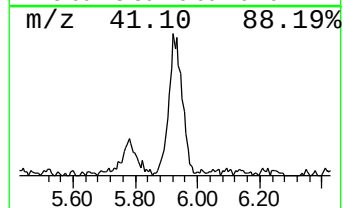
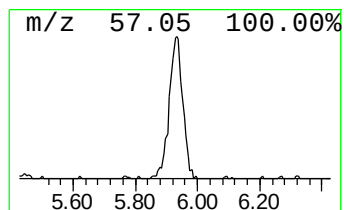
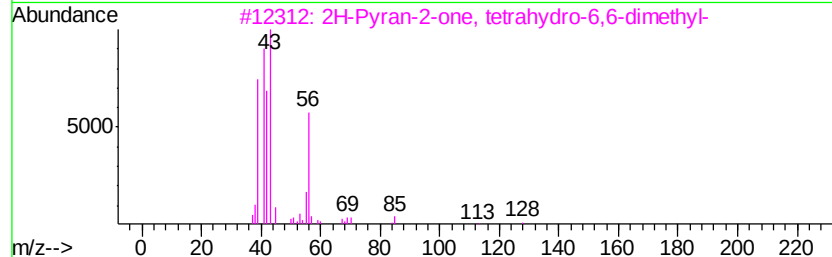
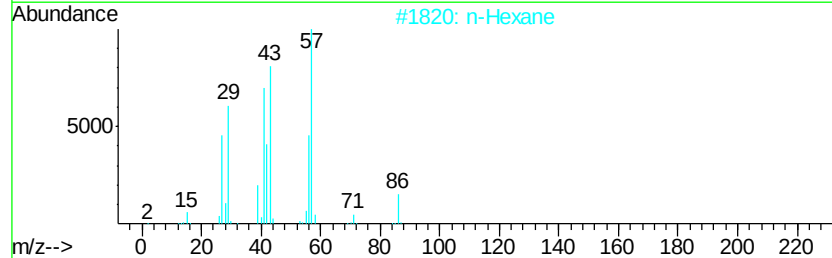
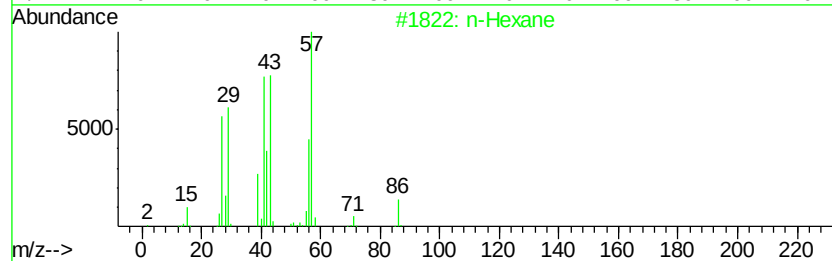
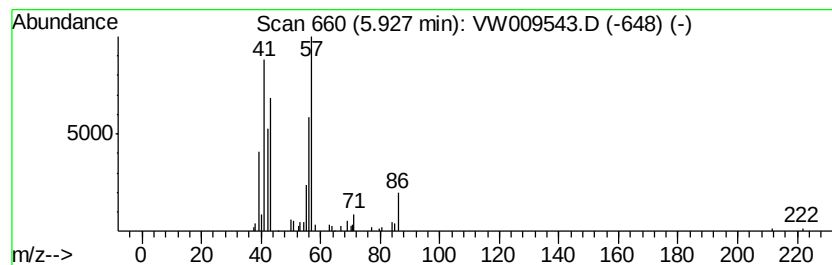
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.44 ug/L	72801	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	53
2		n-Hexane	86	C6H14	000110-54-3	53
3		2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	47
4		n-Hexane	86	C6H14	000110-54-3	43
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Butynal	1.96	1.3	ug/L	39490	1	8.84	745380	25.0
(DEL) Alkane: Str...	5.93	2.4	ug/L	72801	1	8.84	745380	25.0