

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004464.D
 Acq On : 03 Aug 2018 22:49
 Operator : SY/AP
 Sample : J4299-14
 Misc : 6.35G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF2

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\SOM2WLM080218S.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	17	26	28	rBV	31051	57612	0.66%	0.175%
2	1.813	28	37	57	rVB	3855701	8787640	100.00%	26.686%
3	2.362	120	127	139	rBV	171914	447446	5.09%	1.359%
4	2.892	207	214	229	rVB	144610	404491	4.60%	1.228%
5	3.032	231	237	247	rVB2	48346	131583	1.50%	0.400%
6	3.380	289	294	310	rVB	48465	137906	1.57%	0.419%
7	3.849	362	371	383	rVB4	15638	51571	0.59%	0.157%
8	4.014	387	398	415	rBV	321993	1106715	12.59%	3.361%
9	4.331	448	450	454	rBV4	802	1060	0.01%	0.003%
10	4.422	464	465	470	rBV4	1000	1277	0.01%	0.004%
11	4.764	515	521	524	rBV7	1984	5085	0.06%	0.015%
12	4.934	532	549	570	rBV7	30881	182360	2.08%	0.554%
13	5.422	618	629	631	rBV5	9814	23035	0.26%	0.070%
14	5.934	700	713	728	rVV2	25277	77776	0.89%	0.236%
15	6.099	737	740	746	rBV5	1468	2634	0.03%	0.008%
16	6.221	758	760	764	rVB4	1795	2358	0.03%	0.007%
17	6.275	766	769	770	rBV2	1240	1466	0.02%	0.004%
18	6.434	792	795	799	rVB5	1600	2192	0.02%	0.007%
19	6.720	830	842	850	rBV10	3003	10613	0.12%	0.032%
20	6.861	862	865	866	rBV	2139	2086	0.02%	0.006%
21	6.983	877	885	894	rBV3	11275	30278	0.34%	0.092%
22	7.092	894	903	927	rVB2	116507	381366	4.34%	1.158%
23	7.330	940	942	946	rBV3	813	1192	0.01%	0.004%
24	7.513	968	972	973	rBV2	839	1060	0.01%	0.003%
25	7.544	973	977	979	rBV4	1081	1489	0.02%	0.005%
26	7.647	984	994	1012	rVB	568688	1384039	15.75%	4.203%
27	7.934	1031	1041	1052	rBV8	10195	39957	0.45%	0.121%
28	8.031	1052	1057	1066	rVB6	6343	15864	0.18%	0.048%
29	8.159	1070	1078	1086	rVB5	8946	21477	0.24%	0.065%
30	8.281	1086	1098	1113	rBV2	1092894	3292368	37.47%	9.998%
31	8.574	1143	1146	1155	rVB6	3354	6361	0.07%	0.019%
32	8.696	1159	1166	1173	rBV2	12825	27623	0.31%	0.084%
33	8.848	1181	1191	1206	rBV	1024203	2015724	22.94%	6.121%
34	8.994	1212	1215	1219	rVB5	1698	2856	0.03%	0.009%

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 Title : VOC Analysis

35	9.281	1252	1262	1270	rBV	751346	1530116	17.41%	4.647%
36	9.476	1292	1294	1297	rBV3	834	1034	0.01%	0.003%
37	9.519	1297	1301	1307	rVB8	3108	5976	0.07%	0.018%
38	9.604	1313	1315	1317	rBV3	990	1026	0.01%	0.003%
39	9.671	1320	1326	1327	rBV4	2897	4074	0.05%	0.012%
40	9.769	1336	1342	1349	rVB5	6614	12838	0.15%	0.039%
41	9.854	1352	1356	1358	rBV3	2294	3411	0.04%	0.010%
42	9.897	1359	1363	1369	rVB6	5982	12030	0.14%	0.037%
43	9.958	1369	1373	1375	rBV4	3090	4688	0.05%	0.014%
44	10.037	1378	1386	1394	rBV	340535	604494	6.88%	1.836%
45	10.220	1410	1416	1419	rVV5	2583	4609	0.05%	0.014%
46	10.250	1419	1421	1425	rVB4	2391	3135	0.04%	0.010%
47	10.330	1425	1434	1440	rBV	1431082	2450278	27.88%	7.441%
48	10.391	1440	1444	1452	rVB	118585	207881	2.37%	0.631%
49	10.506	1457	1463	1469	rVV8	7590	15063	0.17%	0.046%
50	10.580	1469	1475	1484	rVV	244078	416291	4.74%	1.264%
51	10.708	1493	1496	1501	rVB3	5308	7597	0.09%	0.023%
52	10.781	1501	1508	1512	rVB9	2929	7394	0.08%	0.022%
53	10.854	1514	1520	1526	rBV3	13667	26388	0.30%	0.080%
54	10.933	1526	1533	1551	rBV	461926	824685	9.38%	2.504%
55	11.061	1553	1554	1558	rVV4	2498	3068	0.03%	0.009%
56	11.177	1570	1573	1580	rVB6	5893	10501	0.12%	0.032%
57	11.348	1597	1601	1605	rVB7	2159	3273	0.04%	0.010%
58	11.415	1607	1612	1618	rVB6	6714	11592	0.13%	0.035%
59	11.518	1624	1629	1633	rBV7	2060	3910	0.04%	0.012%
60	11.549	1633	1634	1639	rVB5	791	1194	0.01%	0.004%
61	11.634	1639	1648	1656	rBV	1517953	2528746	28.78%	7.679%
62	11.738	1659	1665	1672	rVV	21244	39710	0.45%	0.121%
63	11.842	1675	1682	1692	rVV	67177	130766	1.49%	0.397%
64	12.134	1728	1730	1731	rBV2	1469	1371	0.02%	0.004%
65	12.171	1731	1736	1744	rVB2	22406	41544	0.47%	0.126%
66	12.238	1744	1747	1749	rBV4	894	1404	0.02%	0.004%
67	12.469	1779	1785	1789	rBV9	2455	4295	0.05%	0.013%
68	12.567	1797	1801	1804	rBV5	2805	4724	0.05%	0.014%
69	12.616	1804	1809	1815	rVV	17712	31791	0.36%	0.097%
70	12.701	1815	1823	1831	rVV	704551	1170008	13.31%	3.553%
71	12.768	1831	1834	1837	rVV5	2259	3354	0.04%	0.010%

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72	12.811	1838	1841	1846	rVB	3773	4788	0.05%	0.015%
73	12.872	1846	1851	1854	rBV3	8546	13427	0.15%	0.041%
74	12.908	1854	1857	1860	rVV5	3926	6715	0.08%	0.020%
75	12.945	1860	1863	1875	rVB10	5903	12730	0.14%	0.039%
76	13.110	1883	1890	1894	rBV6	3500	8576	0.10%	0.026%
77	13.164	1897	1899	1901	rBV3	986	1140	0.01%	0.003%
78	13.201	1902	1905	1908	rVV3	3199	4343	0.05%	0.013%
79	13.256	1910	1914	1920	rVB2	10045	17224	0.20%	0.052%
80	13.305	1920	1922	1925	rVB4	2120	1874	0.02%	0.006%
81	13.414	1931	1940	1945	rBV7	5627	13693	0.16%	0.042%
82	13.481	1945	1951	1955	rBV5	10427	18929	0.22%	0.057%
83	13.567	1958	1965	1977	rVB	1231331	1940380	22.08%	5.892%
84	13.689	1983	1985	1986	rVB2	1498	1031	0.01%	0.003%
85	13.768	1994	1998	2005	rBV8	4840	8788	0.10%	0.027%
86	13.859	2006	2013	2026	rBV	1216280	1983363	22.57%	6.023%
87	14.085	2045	2050	2058	rVB2	17459	31554	0.36%	0.096%
88	14.207	2067	2070	2071	rBV2	1482	1654	0.02%	0.005%
89	14.341	2089	2092	2096	rVB5	3059	4009	0.05%	0.012%
90	14.536	2122	2124	2128	rVB5	1434	1862	0.02%	0.006%
91	14.682	2147	2148	2152	rBV3	1181	1747	0.02%	0.005%
92	14.731	2153	2156	2160	rVB5	2593	3708	0.04%	0.011%
93	14.957	2191	2193	2197	rBV5	1261	1948	0.02%	0.006%
94	15.067	2210	2211	2213	rBV2	1545	1199	0.01%	0.004%
95	15.182	2229	2230	2231	rBV	1772	1086	0.01%	0.003%
96	15.347	2255	2257	2258	rBV2	1438	1066	0.01%	0.003%
97	15.414	2266	2268	2269	rBV	1942	1636	0.02%	0.005%
98	15.512	2278	2284	2289	rBV	25003	45279	0.52%	0.137%
99	15.774	2326	2327	2330	rBV3	1871	1626	0.02%	0.005%
100	15.957	2355	2357	2359	rBV2	2216	2140	0.02%	0.006%

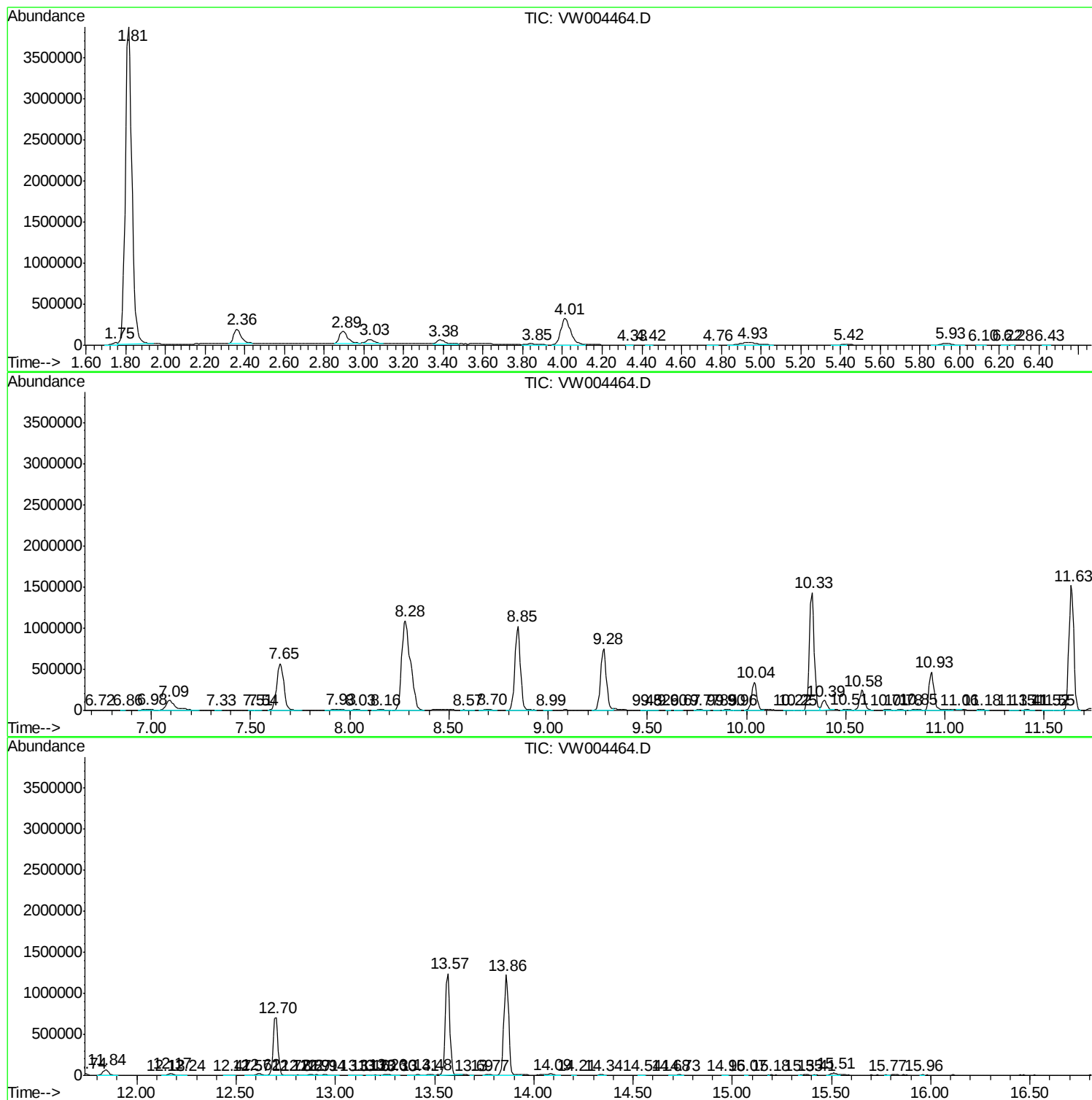
Sum of corrected areas: 32930334

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Quant Title : VOC Analysis

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



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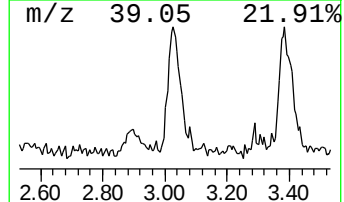
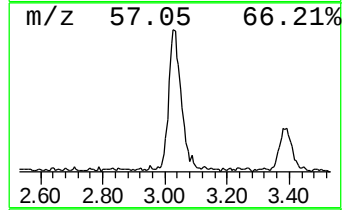
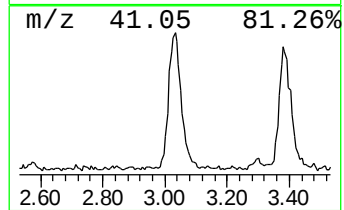
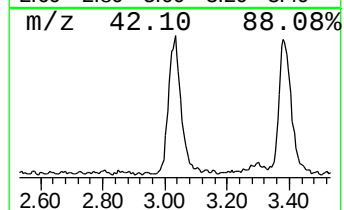
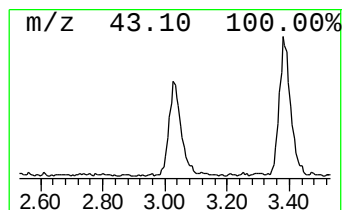
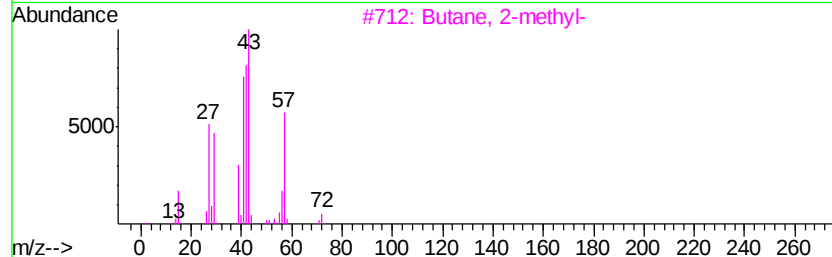
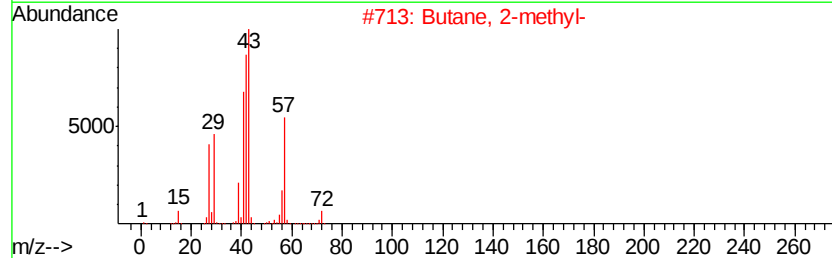
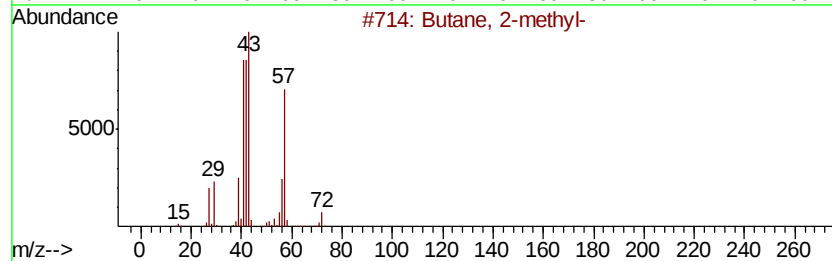
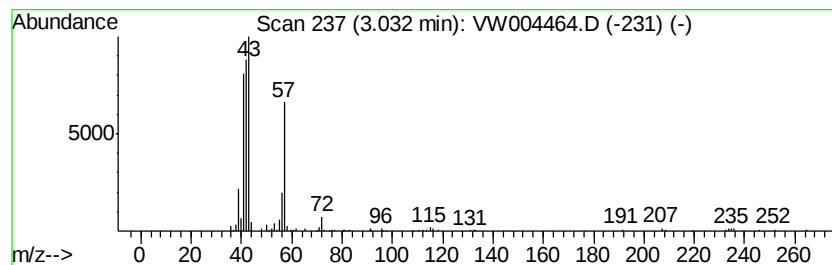
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	1.63 ug/L	131583	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	87
4		Pentane	72	C5H12	000109-66-0	45
5		Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	40



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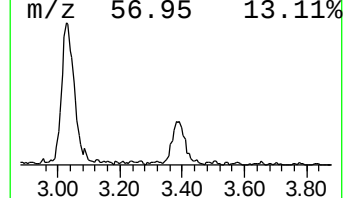
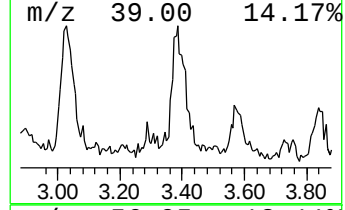
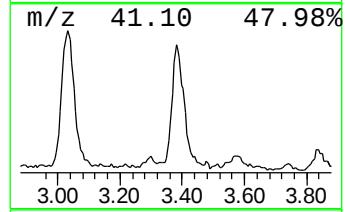
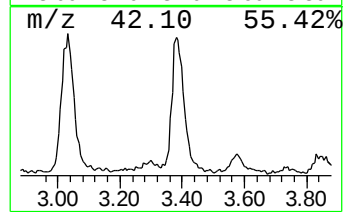
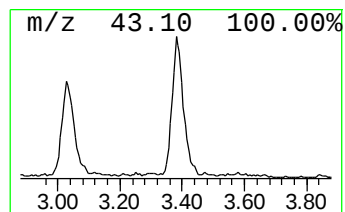
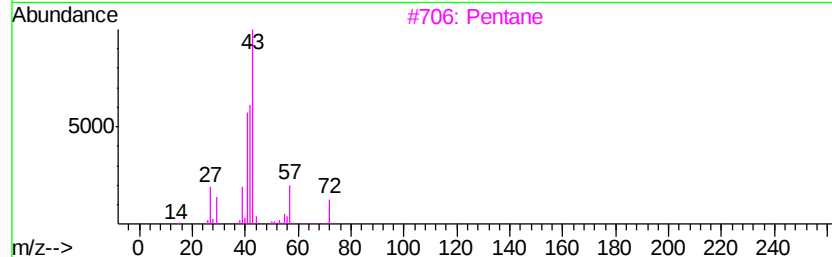
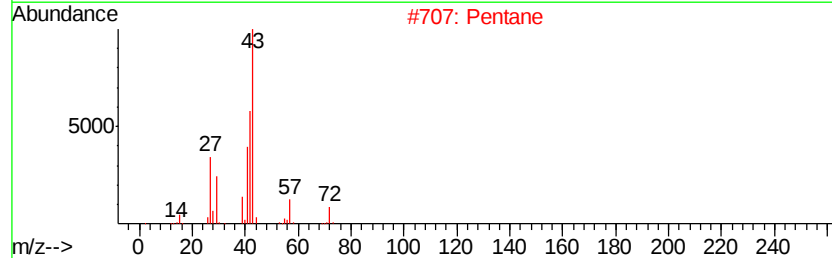
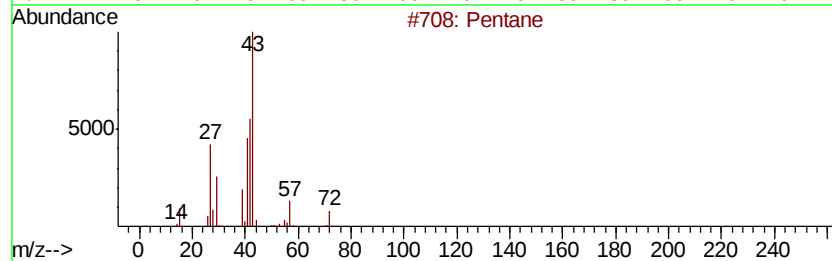
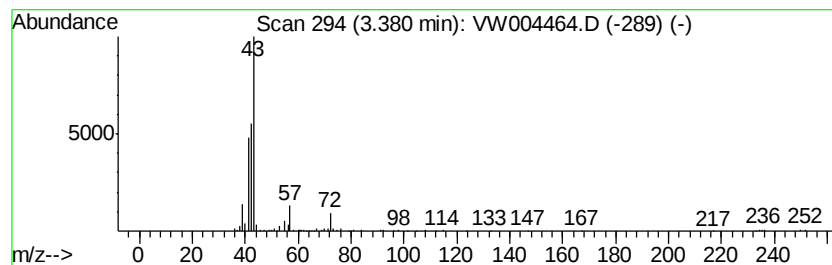
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	1.71 ug/L	137906	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	80
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	58
4		Pentane	72	C5H12	000109-66-0	53
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.03	1.6	ug/L	131583	1	8.85	2015720	25.0
(DEL) Alkane: Str...	3.38	1.7	ug/L	137906	1	8.85	2015720	25.0