

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003707.D
 Acq On : 09 Dec 2020 17:42
 Operator : SY/MD
 Sample : L4979-10
 Misc : 7.09G/10ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G0

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_Y\METHODS\SOM2YLM120420S.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	2.077	37	42	48	rBV2	14212	21542	4.58%	0.811%
2	2.247	65	70	80	rVB2	49869	86122	18.31%	3.243%
3	2.394	89	94	101	rBV	16516	29931	6.36%	1.127%
4	2.772	149	156	165	rBV	33358	66098	14.05%	2.489%
5	2.912	174	179	189	rVB2	13161	27114	5.76%	1.021%
6	3.259	230	236	246	rVB2	5692	13791	2.93%	0.519%
7	3.680	303	305	309	rBV2	229	297	0.06%	0.011%
8	3.863	324	335	345	rBV	65848	179714	38.20%	6.768%
9	4.095	372	373	376	rBV2	346	257	0.05%	0.010%
10	4.131	378	379	384	rVB2	398	472	0.10%	0.018%
11	4.192	384	389	391	rBV3	643	1122	0.24%	0.042%
12	4.210	391	392	394	rBV	437	267	0.06%	0.010%
13	4.314	407	409	413	rVB2	290	389	0.08%	0.015%
14	4.643	461	463	467	rBV3	238	278	0.06%	0.010%
15	4.735	470	478	486	rBV4	4757	17675	3.76%	0.666%
16	4.911	506	507	509	rBV	400	251	0.05%	0.009%
17	4.979	514	518	520	rVV2	384	564	0.12%	0.021%
18	5.021	523	525	526	rBV2	325	237	0.05%	0.009%
19	5.070	531	533	537	rBV2	373	493	0.10%	0.019%
20	5.186	546	552	553	rBV3	251	369	0.08%	0.014%
21	5.253	556	563	568	rVV4	1397	3962	0.84%	0.149%
22	5.509	601	605	609	rBV2	256	390	0.08%	0.015%
23	5.600	612	620	631	rVV4	1977	5858	1.25%	0.221%
24	5.765	639	647	657	rVV3	3100	8083	1.72%	0.304%
25	5.911	669	671	673	rBV3	294	269	0.06%	0.010%
26	5.936	673	675	677	rVB	488	370	0.08%	0.014%
27	5.972	677	681	683	rBV2	274	366	0.08%	0.014%
28	6.186	715	716	719	rBV2	202	251	0.05%	0.009%
29	6.277	730	731	733	rBV2	271	225	0.05%	0.008%
30	6.497	761	767	768	rBV3	255	376	0.08%	0.014%
31	6.643	789	791	792	rBV2	318	253	0.05%	0.010%
32	6.716	798	803	810	rVB5	1963	4711	1.00%	0.177%
33	6.801	811	817	824	rBV4	1602	4113	0.87%	0.155%
34	6.905	825	834	845	rBV	25730	69489	14.77%	2.617%

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 Title : VOC Analysis

35	7.283	893	896	897	rBV	213	226	0.05%	0.009%
36	7.307	897	900	902	rVV	268	284	0.06%	0.011%
37	7.362	907	909	914	rVB2	551	734	0.16%	0.028%
38	7.490	920	930	942	rVB	76706	190670	40.53%	7.181%
39	7.783	971	978	986	rBV6	1848	4995	1.06%	0.188%
40	7.868	991	992	999	rVB3	372	602	0.13%	0.023%
41	7.996	1011	1013	1014	rBV2	626	459	0.10%	0.017%
42	8.118	1024	1033	1051	rVB2	147561	470428	100.00%	17.717%
43	8.362	1069	1073	1076	rBV3	584	614	0.13%	0.023%
44	8.405	1076	1080	1081	rBV2	1182	1393	0.30%	0.052%
45	8.460	1087	1089	1092	rVB2	320	255	0.05%	0.010%
46	8.557	1101	1105	1112	rVB4	2590	5285	1.12%	0.199%
47	8.697	1119	1128	1137	rBV	124416	248624	52.85%	9.364%
48	8.801	1143	1145	1147	rBV	247	227	0.05%	0.009%
49	8.850	1152	1153	1155	rVV	500	260	0.06%	0.010%
50	8.929	1160	1166	1172	rVV5	1903	3567	0.76%	0.134%
51	9.124	1190	1198	1206	rBV	96416	194772	41.40%	7.335%
52	9.264	1215	1221	1231	rBB6	2373	5527	1.17%	0.208%
53	9.374	1235	1239	1243	rBV3	584	708	0.15%	0.027%
54	9.514	1258	1262	1267	rVB3	766	1373	0.29%	0.052%
55	9.612	1276	1278	1281	rVB2	455	418	0.09%	0.016%
56	9.807	1308	1310	1311	rBV2	412	266	0.06%	0.010%
57	9.892	1317	1324	1332	rBV	48307	82943	17.63%	3.124%
58	9.984	1334	1339	1342	rVB3	594	952	0.20%	0.036%
59	10.185	1363	1372	1378	rBV	137999	242450	51.54%	9.131%
60	10.246	1378	1382	1389	rVB	13617	24360	5.18%	0.917%
61	10.350	1396	1399	1400	rBV3	949	1040	0.22%	0.039%
62	10.441	1406	1414	1420	rBV	32005	51650	10.98%	1.945%
63	10.581	1435	1437	1439	rVV	446	407	0.09%	0.015%
64	10.788	1464	1471	1479	rBV	82481	134150	28.52%	5.052%
65	10.935	1490	1495	1499	rBV5	3402	5426	1.15%	0.204%
66	11.032	1508	1511	1516	rVB5	894	1198	0.25%	0.045%
67	11.294	1551	1554	1557	rBV2	409	387	0.08%	0.015%
68	11.490	1578	1586	1594	rVB	104840	173124	36.80%	6.520%
69	11.593	1597	1603	1611	rBV	12331	18789	3.99%	0.708%
70	11.703	1615	1621	1627	rBV4	2738	5735	1.22%	0.216%
71	11.746	1627	1628	1634	rVB2	567	550	0.12%	0.021%

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72	11.837	1641	1643	1646	rVB	331	244	0.05%	0.009%
73	11.904	1653	1654	1656	rBV	279	249	0.05%	0.009%
74	11.941	1659	1660	1663	rVV	355	255	0.05%	0.010%
75	12.032	1668	1675	1681	rVB5	1291	2041	0.43%	0.077%
76	12.203	1700	1703	1710	rVB4	1721	2630	0.56%	0.099%
77	12.313	1717	1721	1724	rBV2	322	650	0.14%	0.024%
78	12.386	1731	1733	1737	rBV	349	370	0.08%	0.014%
79	12.422	1737	1739	1742	rVV3	276	362	0.08%	0.014%
80	12.489	1747	1750	1755	rVB3	818	1286	0.27%	0.048%
81	12.563	1755	1762	1772	rVB	48433	77651	16.51%	2.924%
82	12.739	1787	1791	1794	rVB2	314	411	0.09%	0.015%
83	12.806	1798	1802	1807	rBV5	1040	1626	0.35%	0.061%
84	12.959	1824	1827	1830	rBV3	469	601	0.13%	0.023%
85	13.032	1838	1839	1841	rBV	284	296	0.06%	0.011%
86	13.069	1843	1845	1846	rVV	402	343	0.07%	0.013%
87	13.129	1849	1855	1860	rVV5	992	2195	0.47%	0.083%
88	13.184	1860	1864	1865	rVV2	301	373	0.08%	0.014%
89	13.203	1865	1867	1870	rVV	301	356	0.08%	0.013%
90	13.276	1874	1879	1882	rBV3	1319	2131	0.45%	0.080%
91	13.318	1885	1886	1889	rBV3	257	273	0.06%	0.010%
92	13.422	1897	1903	1909	rBV	47209	74182	15.77%	2.794%
93	13.721	1946	1952	1958	rVB	37596	59669	12.68%	2.247%
94	13.965	1989	1992	1997	rVB4	1103	1839	0.39%	0.069%
95	14.209	2028	2032	2036	rVV3	837	1293	0.27%	0.049%
96	14.245	2036	2038	2041	rVB2	325	283	0.06%	0.011%
97	14.477	2073	2076	2081	rVB4	914	1342	0.29%	0.051%
98	15.239	2198	2201	2203	rBV3	591	630	0.13%	0.024%
99	15.763	2285	2287	2290	rBV2	482	468	0.10%	0.018%
100	16.190	2354	2357	2359	rBV2	516	638	0.14%	0.024%

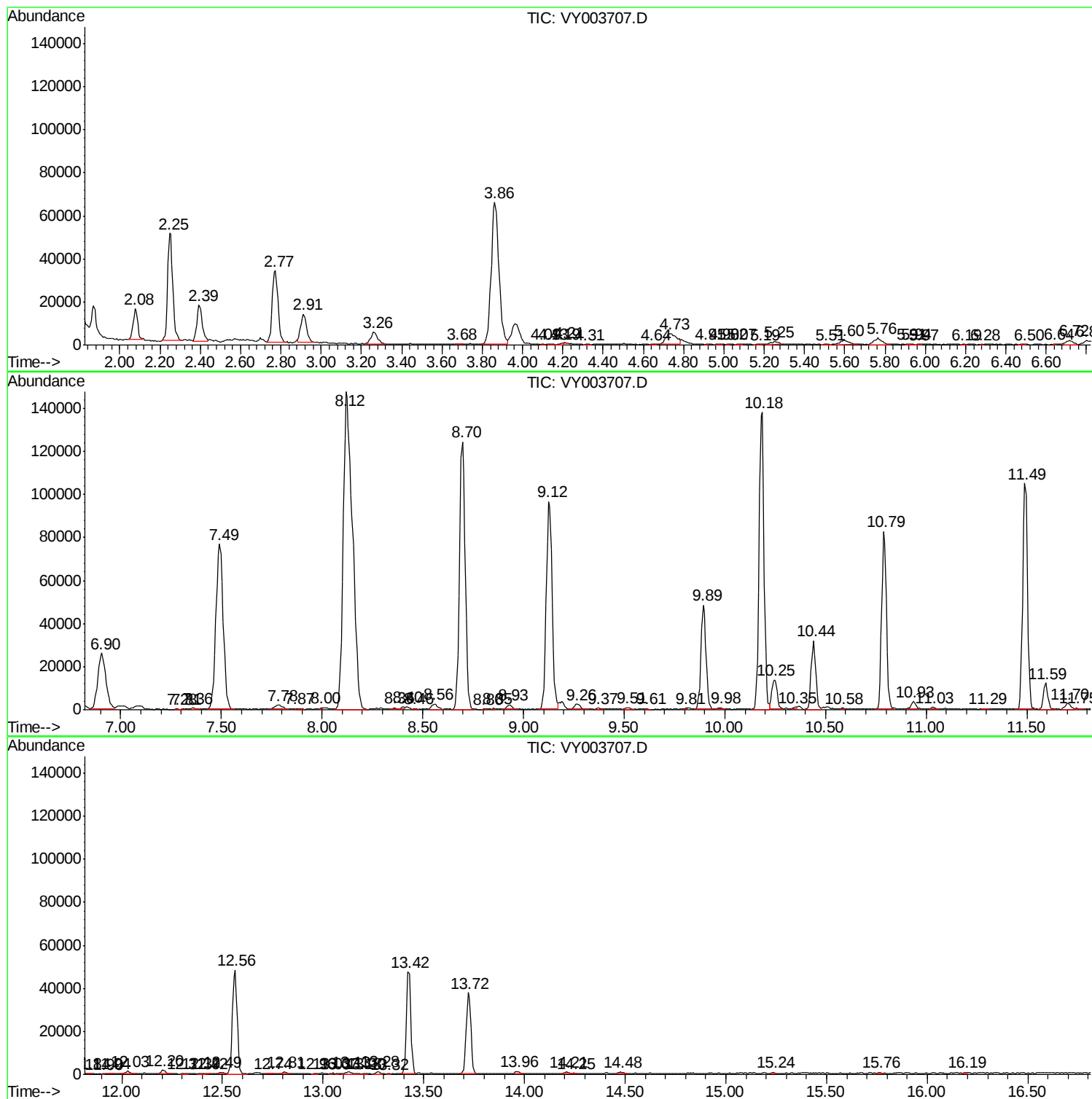
Sum of corrected areas: 2655234

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



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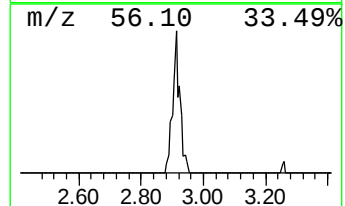
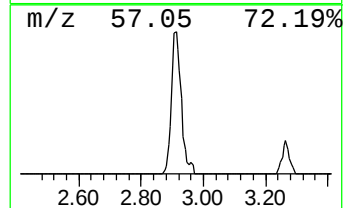
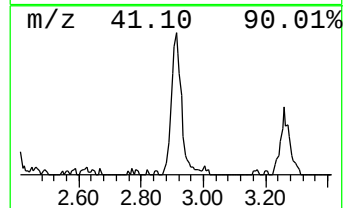
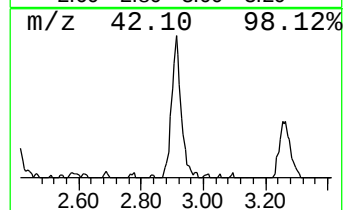
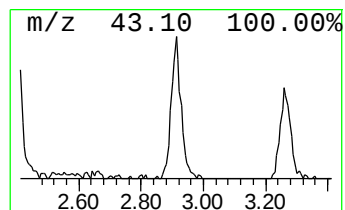
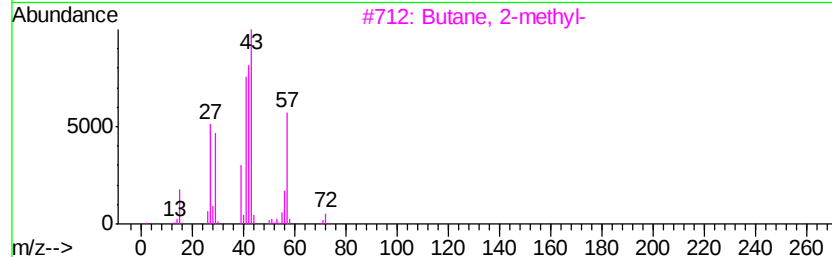
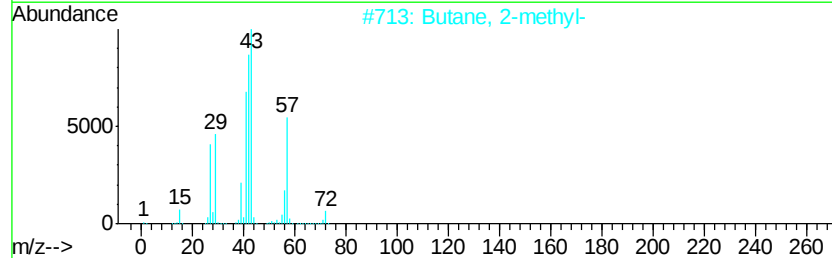
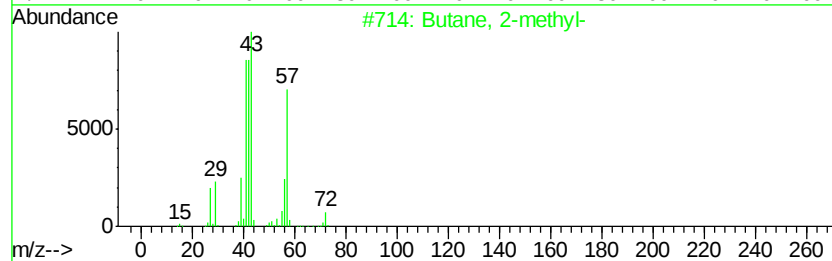
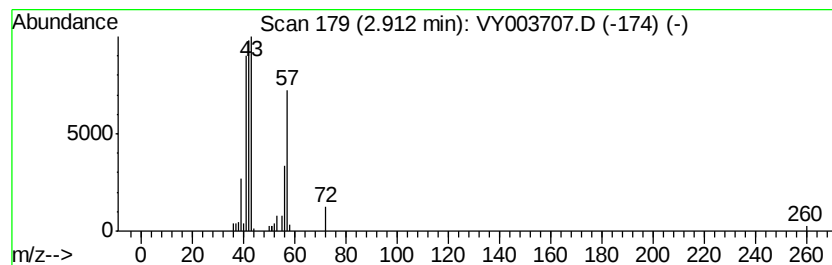
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	2.73 ug/L	27114	1,4-Difluorobenzene	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Butane, 2-methyl-	72	C5H12	000078-78-4	72
4		2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	45
5		Pentane	72	C5H12	000109-66-0	36



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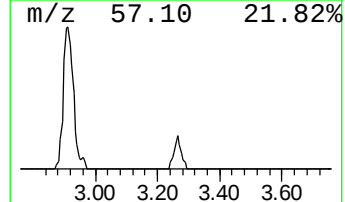
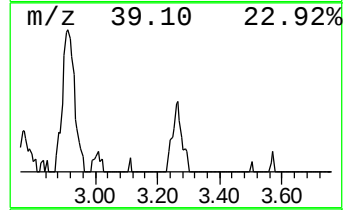
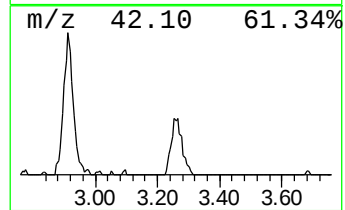
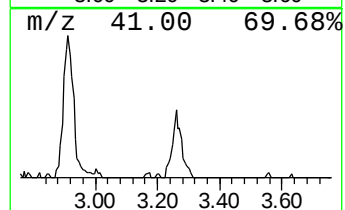
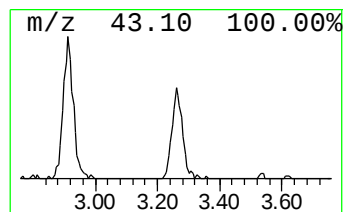
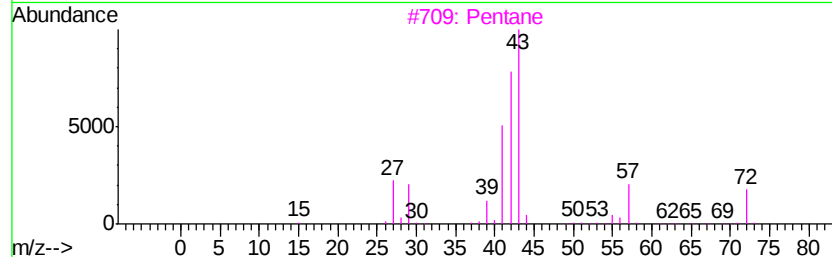
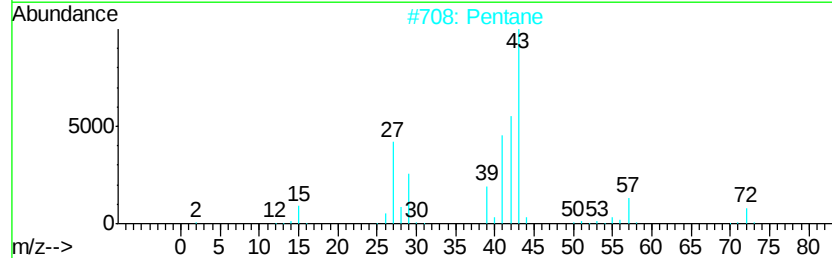
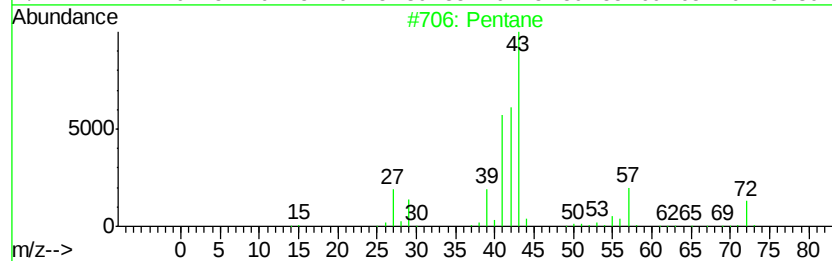
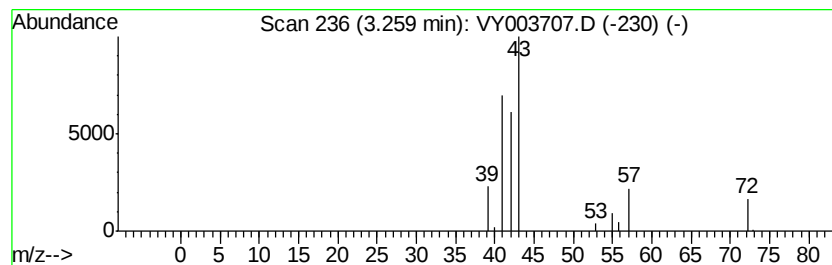
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	1.39 ug/L	13791	1,4-Difluorobenzene	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	83
4		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	42
5		Butane, 2-methyl-	72	C5H12	000078-78-4	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.91	2.7	ug/L	27114	1	8.70	248624	25.0
(DEL) Alkane: Str...	3.26	1.4	ug/L	13791	1	8.70	248624	25.0