

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112320\
 Data File : VY003591.D
 Acq On : 23 Nov 2020 15:19
 Operator : SY/MD
 Sample : L4824-06
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X2R14

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\SFAMYL112320SMA.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	1.920	25	30	41	rBV3	8284	22107	1.30%	0.104%
2	2.054	47	52	57	rBV	15416	25365	1.49%	0.119%
3	2.115	57	62	71	rVV	30498	53394	3.14%	0.251%
4	2.219	73	79	81	rVV	71722	110288	6.49%	0.519%
5	2.255	81	85	101	rVB2	137760	284222	16.71%	1.339%
6	2.664	145	152	162	rBV2	51093	108098	6.36%	0.509%
7	2.767	162	169	187	rVB2	50981	161713	9.51%	0.762%
8	3.127	221	228	238	rVB	21960	53444	3.14%	0.252%
9	3.243	244	247	254	rVB6	1566	3195	0.19%	0.015%
10	3.462	281	283	284	rBV2	581	377	0.02%	0.002%
11	3.542	294	296	298	rVB2	612	430	0.03%	0.002%
12	3.865	336	349	379	rBV6	182023	909614	53.49%	4.284%
13	4.194	397	403	405	rBV3	645	968	0.06%	0.005%
14	4.273	412	416	418	rBV2	477	775	0.05%	0.004%
15	4.481	441	450	465	rVV2	28388	86489	5.09%	0.407%
16	4.584	465	467	472	rVB3	364	450	0.03%	0.002%
17	4.718	474	489	509	rBV	104911	338916	19.93%	1.596%
18	4.913	513	521	524	rBV3	2001	4841	0.28%	0.023%
19	5.224	555	572	588	rBV	123178	445711	26.21%	2.099%
20	5.553	619	626	627	rBV5	1144	2164	0.13%	0.010%
21	5.590	630	632	636	rVB3	724	748	0.04%	0.004%
22	5.688	643	648	649	rBV3	357	444	0.03%	0.002%
23	5.736	649	656	657	rBV4	3344	4863	0.29%	0.023%
24	5.840	671	673	676	rVB2	567	634	0.04%	0.003%
25	5.883	676	680	684	rBV3	342	697	0.04%	0.003%
26	6.261	739	742	746	rVB5	532	736	0.04%	0.003%
27	6.529	783	786	789	rBV3	297	403	0.02%	0.002%
28	6.596	794	797	801	rBV3	284	399	0.02%	0.002%
29	6.718	814	817	820	rBV3	343	488	0.03%	0.002%
30	6.901	837	847	854	rBV	37123	104923	6.17%	0.494%
31	6.992	854	862	879	rVB	113771	333182	19.59%	1.569%
32	7.340	914	919	921	rBV4	496	599	0.04%	0.003%
33	7.486	930	943	959	rBV3	185369	648473	38.13%	3.054%
34	7.785	982	992	1009	rBV	177957	472895	27.81%	2.227%

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35	8.114	1035	1046	1049	rVV2	426029	1020582	60.01%	4.807%
36	8.157	1050	1053	1066	rVB	604222	1244005	73.15%	5.859%
37	8.529	1110	1114	1117	rBV4	621	1050	0.06%	0.005%
38	8.687	1131	1140	1152	rVV	262413	508480	29.90%	2.395%
39	8.937	1173	1181	1191	rBV	536093	1020606	60.02%	4.807%
40	9.120	1202	1211	1219	rBV	201024	403798	23.75%	1.902%
41	9.327	1237	1245	1260	rVB3	6980	21963	1.29%	0.103%
42	9.492	1269	1272	1279	rVB4	936	1755	0.10%	0.008%
43	9.742	1310	1313	1316	rBV3	1322	2218	0.13%	0.010%
44	9.784	1316	1320	1324	rVB3	2634	4342	0.26%	0.020%
45	9.827	1324	1327	1329	rBV2	1025	1365	0.08%	0.006%
46	9.888	1330	1337	1348	rVB	125656	222119	13.06%	1.046%
47	9.967	1348	1350	1351	rBV	833	652	0.04%	0.003%
48	10.071	1362	1367	1370	rBV5	1464	2348	0.14%	0.011%
49	10.175	1377	1384	1389	rBV	445360	755445	44.42%	3.558%
50	10.242	1389	1395	1406	rVB	1018790	1700560	100.00%	8.010%
51	10.437	1419	1427	1436	rBV	91323	149955	8.82%	0.706%
52	10.577	1442	1450	1455	rBV2	92816	168463	9.91%	0.793%
53	10.644	1455	1461	1467	rVV	180979	306753	18.04%	1.445%
54	10.717	1467	1473	1479	rVV	131091	225862	13.28%	1.064%
55	10.784	1479	1484	1500	rVV	154582	249770	14.69%	1.176%
56	10.943	1503	1510	1520	rBV	41813	70440	4.14%	0.332%
57	11.046	1522	1527	1530	rVB6	1664	2531	0.15%	0.012%
58	11.266	1560	1563	1564	rBV2	947	809	0.05%	0.004%
59	11.315	1564	1571	1578	rVB2	49021	82105	4.83%	0.387%
60	11.485	1591	1599	1610	rBV2	383142	961386	56.53%	4.528%
61	11.589	1610	1616	1628	rVV	538567	845214	49.70%	3.981%
62	11.705	1628	1635	1646	rVV	651910	1004352	59.06%	4.730%
63	11.784	1646	1648	1651	rVV2	556	659	0.04%	0.003%
64	12.028	1680	1688	1700	rVV3	520118	1016958	59.80%	4.790%
65	12.205	1710	1717	1724	rBV	61061	101605	5.97%	0.479%
66	12.327	1729	1737	1749	rBV	328993	529376	31.13%	2.493%
67	12.485	1757	1763	1769	rBV	53937	90514	5.32%	0.426%
68	12.558	1769	1775	1778	rVV	181467	340689	20.03%	1.605%
69	12.601	1778	1782	1791	rVB	345097	610136	35.88%	2.874%
70	12.741	1803	1805	1811	rVB3	854	1079	0.06%	0.005%
71	12.820	1811	1818	1827	rBV5	9159	19831	1.17%	0.093%

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72	12.906	1830	1832	1835	rBV3	660	689	0.04%	0.003%
73	12.967	1835	1842	1849	rVB4	1776	3311	0.19%	0.016%
74	13.064	1855	1858	1860	rBV3	878	1205	0.07%	0.006%
75	13.119	1860	1867	1873	rVV	397660	604974	35.57%	2.849%
76	13.180	1873	1877	1883	rVB	9842	14320	0.84%	0.067%
77	13.241	1885	1887	1890	rBV4	668	774	0.05%	0.004%
78	13.363	1898	1907	1912	rBV	340036	538427	31.66%	2.536%
79	13.424	1912	1917	1931	rVV3	427441	892389	52.48%	4.203%
80	13.637	1948	1952	1955	rVV4	1552	2361	0.14%	0.011%
81	13.717	1958	1965	1973	rVV	343122	566419	33.31%	2.668%
82	13.778	1973	1975	1979	rVV4	1357	2048	0.12%	0.010%
83	13.826	1981	1983	1988	rVB4	1066	1233	0.07%	0.006%
84	13.887	1990	1993	1994	rBV2	635	678	0.04%	0.003%
85	13.961	1998	2005	2010	rBV	8287	13822	0.81%	0.065%
86	14.082	2022	2025	2028	rBV4	618	814	0.05%	0.004%
87	14.198	2042	2044	2047	rBV3	1107	960	0.06%	0.005%
88	14.247	2050	2052	2057	rVB6	597	886	0.05%	0.004%
89	14.284	2057	2058	2063	rVB3	537	409	0.02%	0.002%
90	14.357	2066	2070	2074	rBV6	824	1250	0.07%	0.006%
91	14.430	2080	2082	2085	rVB3	941	865	0.05%	0.004%
92	14.503	2091	2094	2096	rBV4	1063	1309	0.08%	0.006%
93	14.595	2107	2109	2110	rBV2	712	675	0.04%	0.003%
94	15.003	2169	2176	2183	rBV	209475	323287	19.01%	1.523%
95	15.229	2212	2213	2218	rVB5	1529	1633	0.10%	0.008%
96	15.290	2221	2223	2224	rBV2	873	691	0.04%	0.003%
97	15.308	2224	2226	2232	rVB6	1950	3084	0.18%	0.015%
98	15.418	2237	2244	2252	rVB	222445	380099	22.35%	1.790%
99	15.985	2335	2337	2338	rBV2	969	696	0.04%	0.003%
100	16.606	2437	2439	2440	rVB2	948	494	0.03%	0.002%

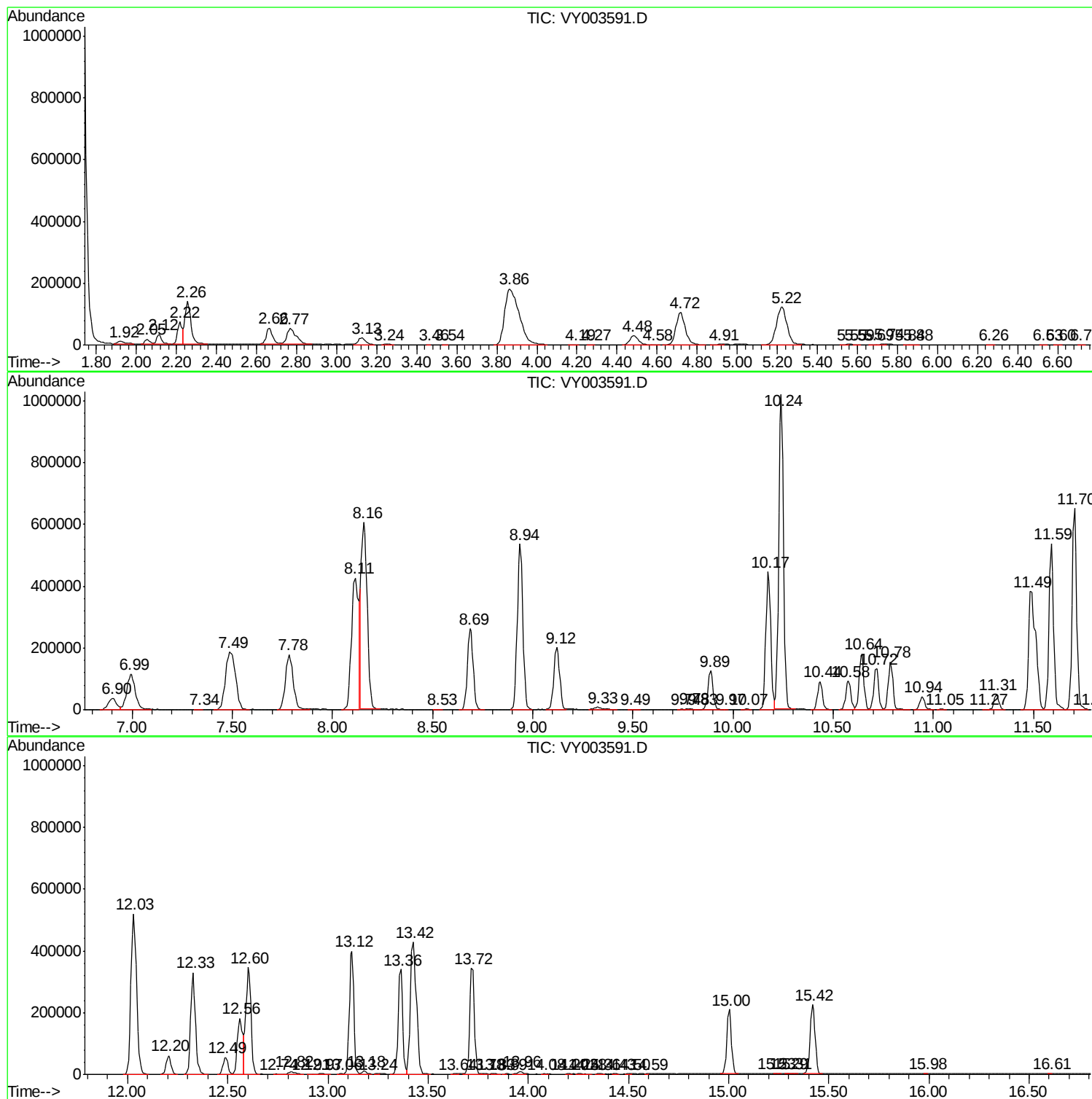
Sum of corrected areas: 21231622

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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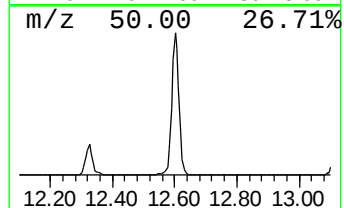
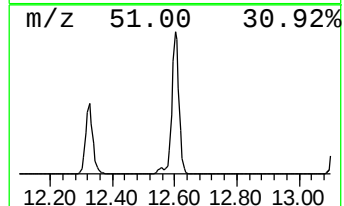
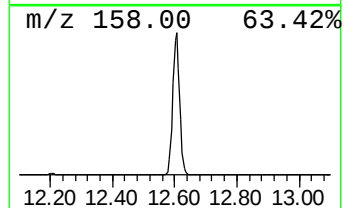
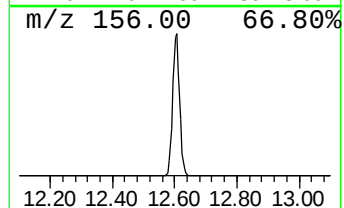
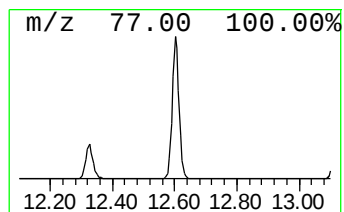
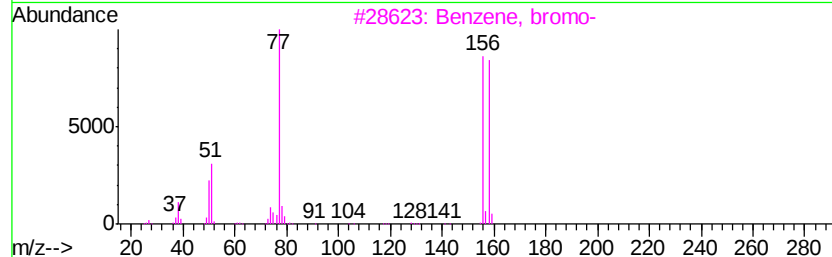
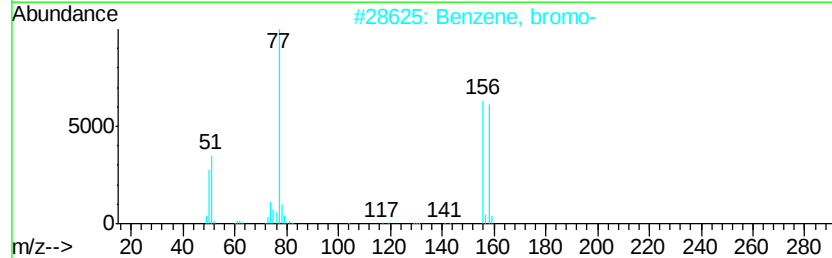
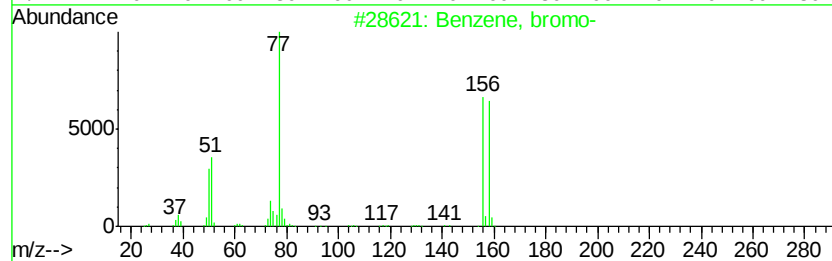
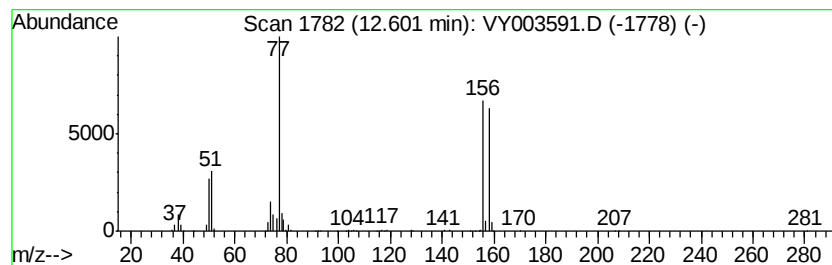
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	17.09 ug/L	610136	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2		Benzene, bromo-	156	C6H5Br	000108-86-1	96
3		Benzene, bromo-	156	C6H5Br	000108-86-1	95
4		Benzene, bromo-	156	C6H5Br	000108-86-1	94
5		Benzene, bromo-	156	C6H5Br	000108-86-1	94



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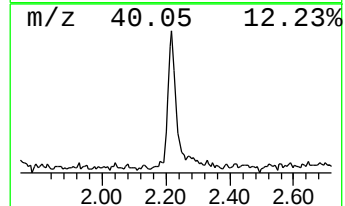
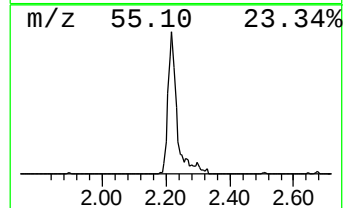
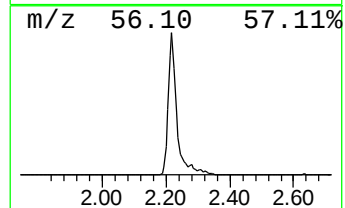
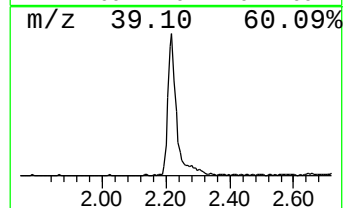
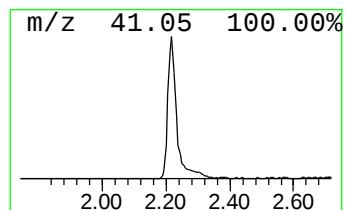
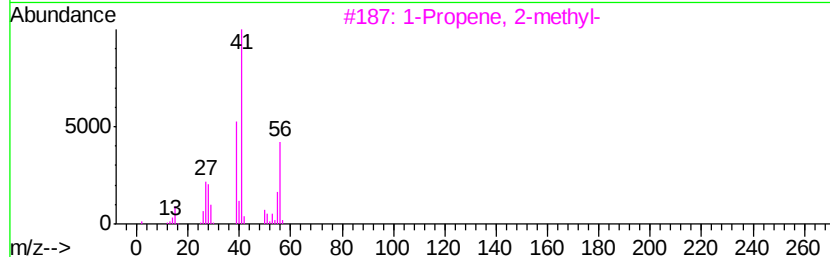
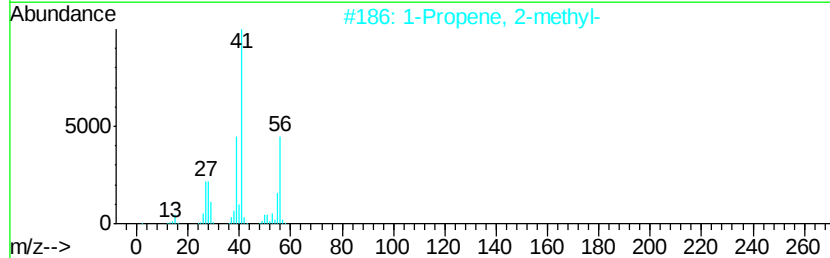
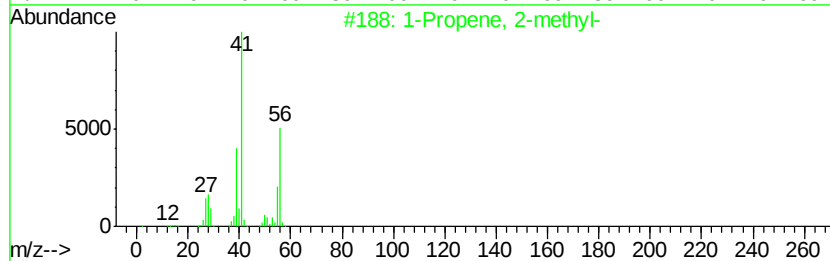
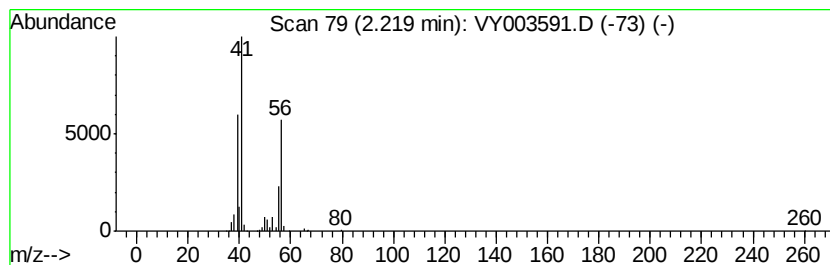
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Peak Number 7 1-Propene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	5.42 ug/L	110288	1,4-Difluorobenzene	8.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2			1-Propene, 2-methyl-	56	C4H8	000115-11-7	86
3			1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4			2-Butene	56	C4H8	000107-01-7	80
5			2-Butene	56	C4H8	000107-01-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, bromo-	12.60	17.1	ug/L	610136	3	13.42	892389	25.0
1-Propene, 2-methyl-	2.22	5.4	ug/L	110288	1	8.69	508480	25.0