

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023516.D
 Acq On : 20 Oct 2025 18:09
 Operator : SY/MD
 Sample : Q3393-04
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S06-000021-20251017

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M

Title : SW846 8260

Signal : TIC: VY023516.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.873	343	353	360	rBV	26695	73649	2.13%	0.130%
2	4.116	382	393	404	rBV	58186	163824	4.74%	0.289%
3	4.622	465	476	484	rBV5	26848	101475	2.93%	0.179%
4	4.708	484	490	501	rVB4	15508	55199	1.60%	0.097%
5	5.141	553	561	570	rVB3	12201	37359	1.08%	0.066%
6	6.598	790	800	809	rBV5	25999	85989	2.49%	0.152%
7	6.903	837	850	860	rBV4	14697	50348	1.46%	0.089%
8	7.640	959	971	976	rBV	477154	1139222	32.94%	2.010%
9	7.713	976	983	991	rVV	782484	1804129	52.16%	3.183%
10	7.793	991	996	1006	rVB2	72332	183815	5.31%	0.324%
11	7.975	1022	1026	1033	rVV4	15882	40056	1.16%	0.071%
12	8.061	1033	1040	1053	rVV	391250	885702	25.61%	1.563%
13	8.250	1053	1071	1080	rVV	201445	570167	16.49%	1.006%
14	8.347	1080	1087	1097	rVB3	30060	72921	2.11%	0.129%
15	8.616	1122	1131	1146	rBV	1191689	2340835	67.68%	4.130%
16	8.853	1162	1170	1177	rBV	128790	280504	8.11%	0.495%
17	9.116	1199	1213	1218	rBV5	268558	824991	23.85%	1.456%
18	9.170	1218	1222	1229	rVB2	128469	243823	7.05%	0.430%
19	9.250	1229	1235	1239	rBV2	22290	48586	1.40%	0.086%
20	9.311	1239	1245	1249	rVV2	26590	56910	1.65%	0.100%
21	9.390	1249	1258	1266	rVB2	182085	436809	12.63%	0.771%
22	9.542	1276	1283	1294	rVB2	192007	383079	11.08%	0.676%
23	9.682	1294	1306	1311	rBV3	191949	451357	13.05%	0.796%
24	9.731	1311	1314	1320	rVB2	55934	99754	2.88%	0.176%
25	9.865	1328	1336	1343	rBV2	131521	274906	7.95%	0.485%
26	9.932	1343	1347	1352	rVB3	25067	45378	1.31%	0.080%
27	10.000	1352	1358	1360	rBV3	76595	128922	3.73%	0.227%
28	10.042	1360	1365	1370	rVB	245972	412471	11.93%	0.728%
29	10.109	1370	1376	1390	rVB	2046484	3458556	100.00%	6.102%
30	10.231	1390	1396	1398	rBV4	26504	46023	1.33%	0.081%
31	10.274	1398	1403	1415	rVB4	92919	297059	8.59%	0.524%
32	10.408	1415	1425	1430	rBV2	180878	366873	10.61%	0.647%
33	10.445	1430	1431	1437	rVB3	42188	53406	1.54%	0.094%
34	10.566	1439	1451	1454	rBV5	109441	309059	8.94%	0.545%
35	10.640	1460	1463	1467	rVB2	44924	67219	1.94%	0.119%
36	10.688	1467	1471	1473	rBV2	46038	67472	1.95%	0.119%

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37	10.731	1473	1478	1484	rVB	204089	370739	10.72%	0.654%
38	10.835	1484	1495	1502	rBV3	141389	445825	12.89%	0.787%
39	10.902	1502	1506	1509	rBV	119100	188816	5.46%	0.333%
40	10.963	1514	1516	1519	rBV	35212	35869	1.04%	0.063%

41	11.018	1519	1525	1530	rBV3	385069	705831	20.41%	1.245%
42	11.072	1530	1534	1538	rVB	209695	302273	8.74%	0.533%
43	11.121	1538	1542	1547	rVB4	109829	209120	6.05%	0.369%
44	11.194	1547	1554	1558	rBV3	106011	283921	8.21%	0.501%
45	11.310	1568	1573	1575	rBV	67434	108758	3.14%	0.192%

46	11.347	1575	1579	1583	rVV5	113963	216062	6.25%	0.381%
47	11.414	1584	1590	1600	rVV	1680310	2963469	85.69%	5.229%
48	11.493	1601	1603	1608	rVB3	45566	56609	1.64%	0.100%
49	11.554	1609	1613	1617	rVB2	77643	109744	3.17%	0.194%
50	11.615	1617	1623	1627	rBV	311280	607131	17.55%	1.071%

51	11.670	1627	1632	1642	rVB4	250392	758134	21.92%	1.338%
52	11.767	1642	1648	1651	rBV2	243315	453036	13.10%	0.799%
53	11.822	1651	1657	1661	rVB4	136969	307878	8.90%	0.543%
54	11.865	1661	1664	1667	rBV	183746	230060	6.65%	0.406%
55	11.920	1667	1673	1680	rBV4	471936	1222633	35.35%	2.157%

56	11.987	1680	1684	1686	rBV2	146850	200030	5.78%	0.353%
57	12.017	1686	1689	1692	rVV2	246232	389144	11.25%	0.687%
58	12.048	1692	1694	1698	rVB	266897	300883	8.70%	0.531%
59	12.085	1698	1700	1702	rBV2	74158	89228	2.58%	0.157%
60	12.127	1702	1707	1709	rBV3	654788	1044941	30.21%	1.844%

61	12.158	1709	1712	1717	rVB	949362	1493144	43.17%	2.635%
62	12.243	1717	1726	1731	rBV7	446538	1128707	32.64%	1.992%
63	12.310	1732	1737	1741	rVB4	182624	349460	10.10%	0.617%
64	12.408	1747	1753	1758	rVB4	1552357	2652604	76.70%	4.680%
65	12.499	1758	1768	1772	rBV6	421335	1097314	31.73%	1.936%

66	12.566	1776	1779	1786	rVB4	473988	881091	25.48%	1.555%
67	12.651	1786	1793	1800	rBV7	613010	1934935	55.95%	3.414%
68	12.719	1800	1804	1809	rBV5	413605	1051150	30.39%	1.855%
69	12.853	1821	1826	1832	rBV2	872095	1847708	53.42%	3.260%
70	12.920	1832	1837	1841	rBV	1197751	1852683	53.57%	3.269%

71	12.962	1841	1844	1847	rBV3	376947	553520	16.00%	0.977%
72	13.090	1862	1865	1873	rVV8	297191	647277	18.72%	1.142%
73	13.176	1875	1879	1881	rVV3	260946	409830	11.85%	0.723%
74	13.212	1881	1885	1892	rVV4	537508	1265452	36.59%	2.233%
75	13.273	1892	1895	1900	rVV3	397072	612300	17.70%	1.080%

76	13.346	1901	1907	1914	rVV	1360277	2414878	69.82%	4.261%
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77	13.414	1915	1918	1921	rVB3	158317	192683	5.57%	0.340%
78	13.487	1927	1930	1934	rVB3	318091	440490	12.74%	0.777%
79	13.529	1934	1937	1940	rBV4	201347	268397	7.76%	0.474%
80	13.663	1954	1959	1966	rVB7	486312	888176	25.68%	1.567%
81	13.993	2010	2013	2018	rVB4	213166	283307	8.19%	0.500%
82	14.060	2019	2024	2030	rVB7	278176	635857	18.39%	1.122%
83	14.121	2031	2034	2038	rBV6	102339	152143	4.40%	0.268%
84	14.176	2038	2043	2057	rVB3	670483	1682455	48.65%	2.969%
85	14.340	2067	2070	2074	rVB3	390576	507554	14.68%	0.896%
86	14.535	2099	2102	2107	rBV6	118157	163669	4.73%	0.289%
87	14.645	2117	2120	2127	rVB2	451286	713784	20.64%	1.259%
88	14.761	2136	2139	2142	rBV2	195666	277711	8.03%	0.490%
89	14.858	2151	2155	2159	rVB3	256640	395119	11.42%	0.697%
90	14.913	2161	2164	2167	rBV3	118564	189369	5.48%	0.334%
91	15.029	2180	2183	2191	rVB6	249401	515798	14.91%	0.910%
92	15.127	2195	2199	2203	rVV4	172879	273133	7.90%	0.482%
93	15.346	2232	2235	2243	rBV6	118232	241631	6.99%	0.426%
94	15.505	2257	2261	2267	rVB2	345763	623237	18.02%	1.100%
95	16.053	2347	2351	2357	rVB5	124398	221285	6.40%	0.390%
96	16.358	2397	2401	2407	rVB5	137012	260101	7.52%	0.459%

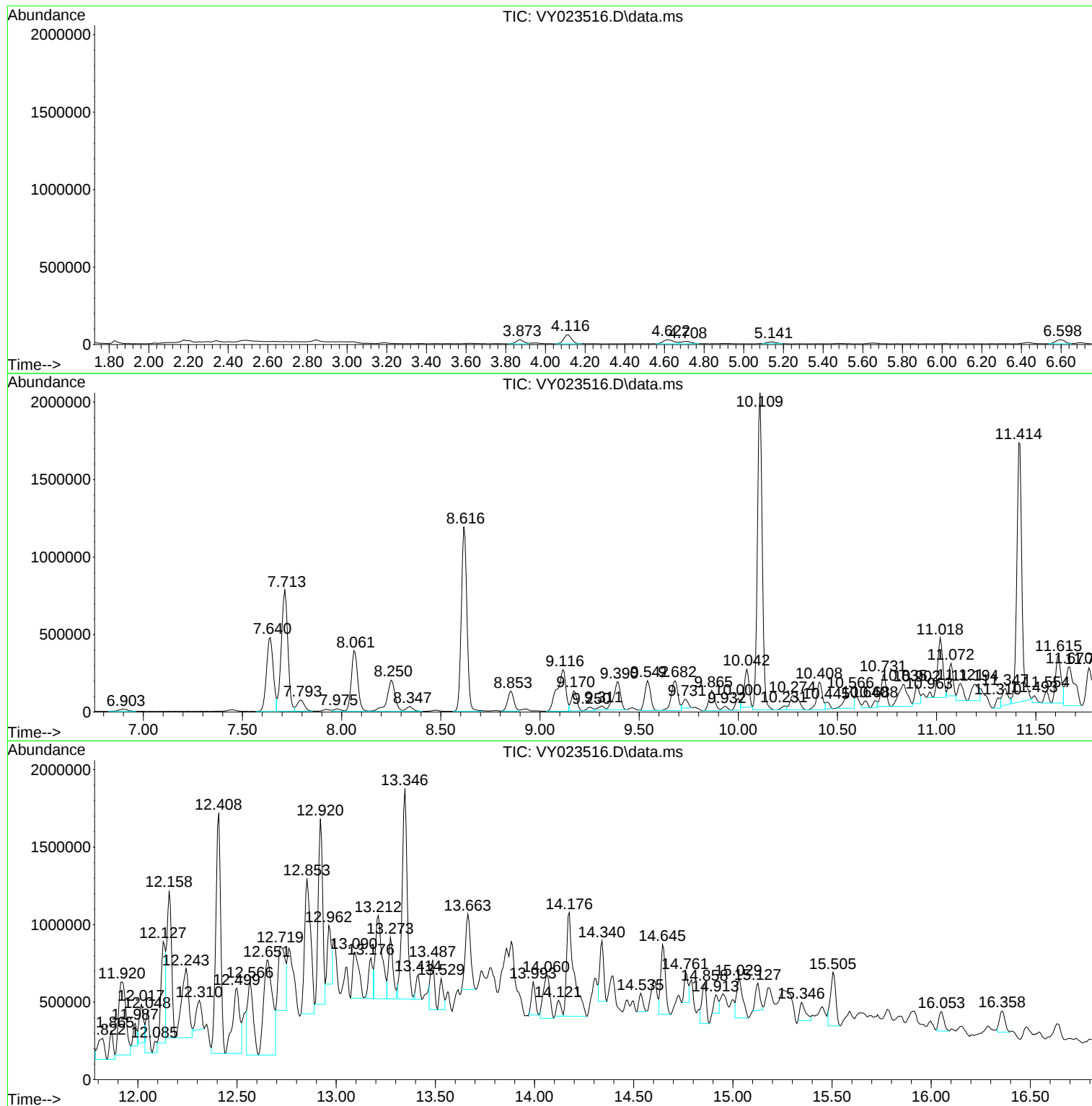
Sum of corrected areas: 56675933

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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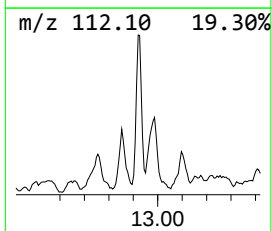
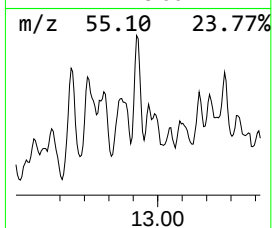
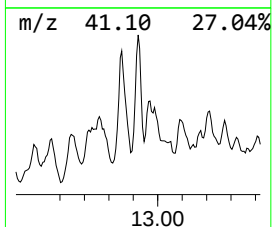
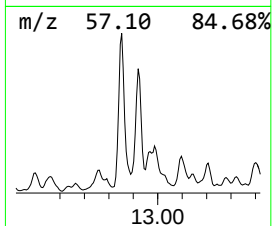
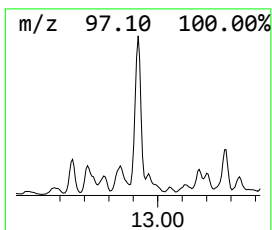
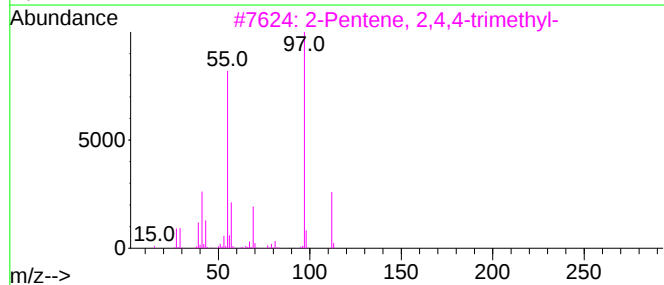
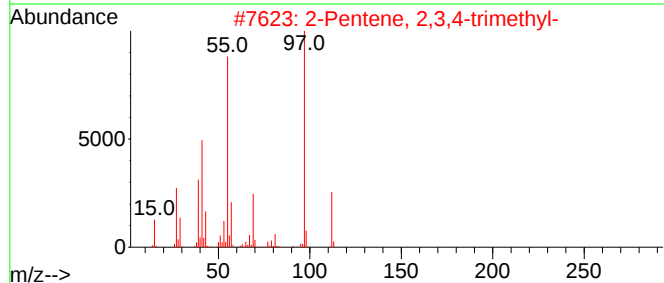
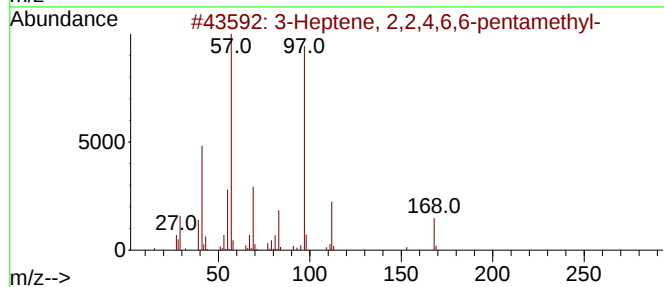
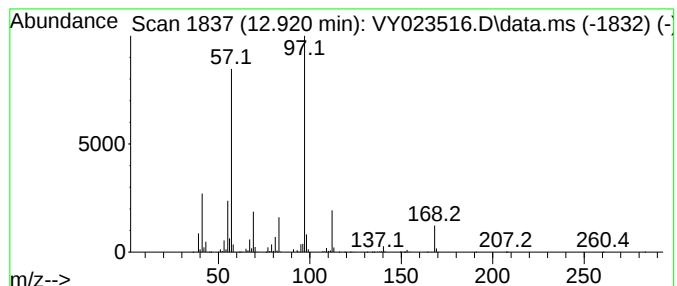
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	38.36 ug/l	1852680	1,4-Dichlorobenzene-d4	13.347

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	90
2		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
3		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
4		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	59
5		1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	53



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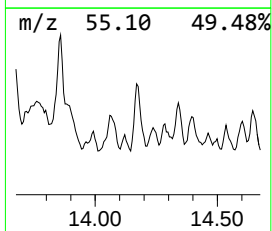
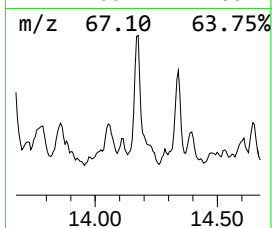
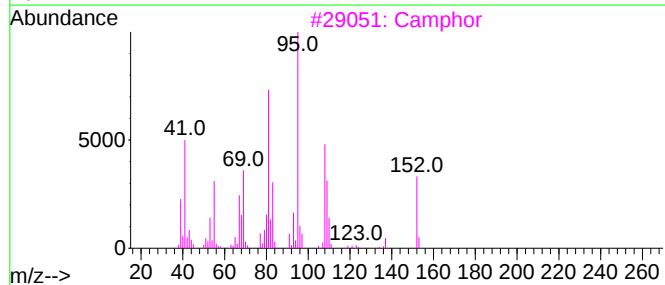
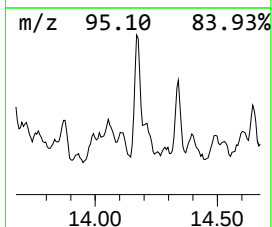
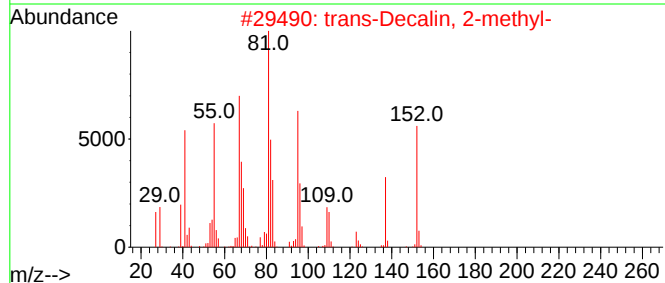
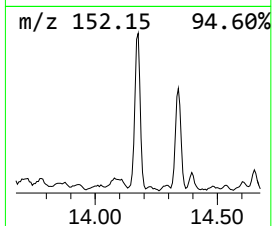
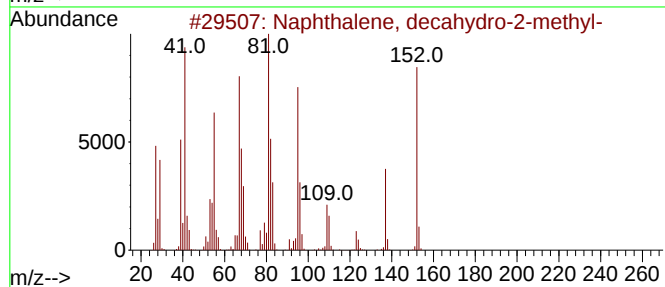
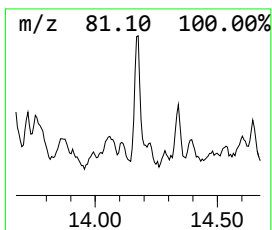
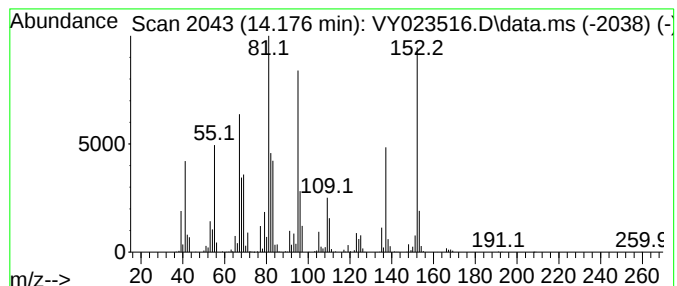
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Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	34.84 ug/l	1682460	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3			Camphor	152	C10H16O	000076-22-2	81
4			(+)-2-Bornanone	152	C10H16O	000464-49-3	76
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Heptene, 2,2,...	12.920	38.4	ug/l	1852680	4	13.347	2414880	50.0
Naphthalene, de...	14.176	34.8	ug/l	1682460	4	13.347	2414880	50.0