

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015811.D
 Acq On : 03 Oct 2023 17:18
 Operator : SY/MD
 Sample : 04703-03
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E9066-OB-002

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\82Y091923S.M
 Title : SW846 8260

Signal : TIC: VY015811.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.948	340	349	362	rBV	6878	22704	2.73%	0.364%
2	4.704	461	473	499	rVB3	46642	158673	19.11%	2.547%
3	5.741	632	643	654	rBV3	9369	29324	3.53%	0.471%
4	6.972	837	845	860	rBV2	5324	17316	2.09%	0.278%
5	7.710	957	966	971	rBV	68692	160408	19.32%	2.575%
6	7.783	971	978	989	rVB	192890	436317	52.54%	7.005%
7	8.137	1027	1036	1048	rBV	125374	277775	33.45%	4.459%
8	8.539	1097	1102	1110	rBV5	5363	11400	1.37%	0.183%
9	8.685	1117	1126	1137	rBV	298011	585238	70.48%	9.396%
10	9.179	1195	1207	1213	rBV2	15041	37594	4.53%	0.604%
11	9.813	1305	1311	1323	rVB4	8288	21812	2.63%	0.350%
12	9.953	1323	1334	1345	rBV4	6553	18177	2.19%	0.292%
13	10.173	1363	1370	1378	rBV	471095	830378	100.00%	13.331%
14	10.240	1378	1381	1387	rVB	8515	13654	1.64%	0.219%
15	10.368	1394	1402	1408	rVB4	14457	31595	3.80%	0.507%
16	10.520	1422	1427	1432	rVB2	7520	12620	1.52%	0.203%
17	10.581	1432	1437	1440	rBV2	7466	15128	1.82%	0.243%
18	10.715	1453	1459	1465	rVB2	21457	36967	4.45%	0.593%
19	11.039	1507	1512	1515	rVV	11846	19287	2.32%	0.310%
20	11.087	1515	1520	1525	rVB2	12724	22161	2.67%	0.356%
21	11.197	1532	1538	1543	rBV6	5012	9434	1.14%	0.151%
22	11.282	1543	1552	1563	rVB6	10478	31960	3.85%	0.513%
23	11.374	1563	1567	1572	rBV2	8120	14434	1.74%	0.232%
24	11.490	1578	1586	1595	rBV	423131	708325	85.30%	11.372%
25	11.587	1597	1602	1606	rBV2	7881	13803	1.66%	0.222%
26	11.709	1611	1622	1630	rBV4	22223	64446	7.76%	1.035%
27	12.008	1663	1671	1672	rBV5	10121	20213	2.43%	0.325%
28	12.020	1672	1673	1681	rVV2	11932	19593	2.36%	0.315%
29	12.124	1685	1690	1693	rVB2	6612	10956	1.32%	0.176%
30	12.197	1698	1702	1706	rVV4	8352	15263	1.84%	0.245%
31	12.240	1706	1709	1713	rVB4	8399	12419	1.50%	0.199%
32	12.331	1720	1724	1728	rBV4	8994	16375	1.97%	0.263%
33	12.477	1743	1748	1758	rVB	344359	565025	68.04%	9.071%
34	12.642	1767	1775	1784	rVB5	14920	42538	5.12%	0.683%
35	12.727	1785	1789	1793	rBV4	8303	14247	1.72%	0.229%
36	12.806	1797	1802	1807	rVB2	34122	56703	6.83%	0.910%

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37	12.953	1816	1826	1835	rVB2	14382	57087	6.87%	0.916%
38	13.038	1835	1840	1844	rBV3	12747	24797	2.99%	0.398%
39	13.117	1850	1853	1858	rVB2	11645	18519	2.23%	0.297%
40	13.312	1878	1885	1890	rBV5	12014	22973	2.77%	0.369%
41	13.367	1890	1894	1897	rVV	10871	18907	2.28%	0.304%
42	13.422	1897	1903	1913	rVB	403164	643721	77.52%	10.334%
43	13.520	1913	1919	1923	rBV4	8168	17243	2.08%	0.277%
44	13.623	1933	1936	1939	rVV3	10682	18608	2.24%	0.299%
45	13.660	1939	1942	1950	rVB3	28519	49311	5.94%	0.792%
46	13.751	1951	1957	1960	rBV2	28210	46793	5.64%	0.751%
47	13.965	1987	1992	1997	rVB2	37124	58172	7.01%	0.934%
48	14.075	2005	2010	2015	rVB2	20865	33422	4.02%	0.537%
49	14.123	2015	2018	2020	rBV4	6431	8865	1.07%	0.142%
50	14.215	2028	2033	2036	rBV2	9647	17472	2.10%	0.280%
51	14.288	2036	2045	2049	rVV5	18436	48661	5.86%	0.781%
52	14.331	2049	2052	2056	rVB	19391	29885	3.60%	0.480%
53	14.379	2056	2060	2063	rBV3	16600	24328	2.93%	0.391%
54	14.416	2063	2066	2070	rVB4	13058	17469	2.10%	0.280%
55	14.574	2087	2092	2094	rVV6	9651	17212	2.07%	0.276%
56	14.611	2094	2098	2102	rVB	26095	35600	4.29%	0.572%
57	14.672	2102	2108	2114	rBV2	38586	88187	10.62%	1.416%
58	14.727	2114	2117	2124	rVB4	22204	39463	4.75%	0.634%
59	14.940	2148	2152	2155	rBV4	21666	33648	4.05%	0.540%
60	15.050	2164	2170	2180	rVB3	34669	83522	10.06%	1.341%
61	15.135	2180	2184	2189	rVB5	11831	20642	2.49%	0.331%
62	15.208	2189	2196	2199	rBV4	21046	49873	6.01%	0.801%
63	15.337	2214	2217	2221	rBV3	8012	13345	1.61%	0.214%
64	15.391	2223	2226	2229	rVV5	14516	23526	2.83%	0.378%
65	15.434	2229	2233	2241	rVB4	27654	48512	5.84%	0.779%
66	15.526	2243	2248	2254	rBV5	10419	23258	2.80%	0.373%
67	15.599	2257	2260	2265	rVB7	9358	15963	1.92%	0.256%
68	15.885	2301	2307	2314	rBV9	10921	35955	4.33%	0.577%
69	16.025	2325	2330	2336	rVB5	12800	26817	3.23%	0.431%
70	16.153	2347	2351	2355	rBV3	11771	16864	2.03%	0.271%
71	16.288	2369	2373	2376	rBV2	10702	16953	2.04%	0.272%
72	16.355	2380	2384	2389	rVB3	23933	43761	5.27%	0.703%
73	16.477	2399	2404	2419	rVB6	20532	65292	7.86%	1.048%

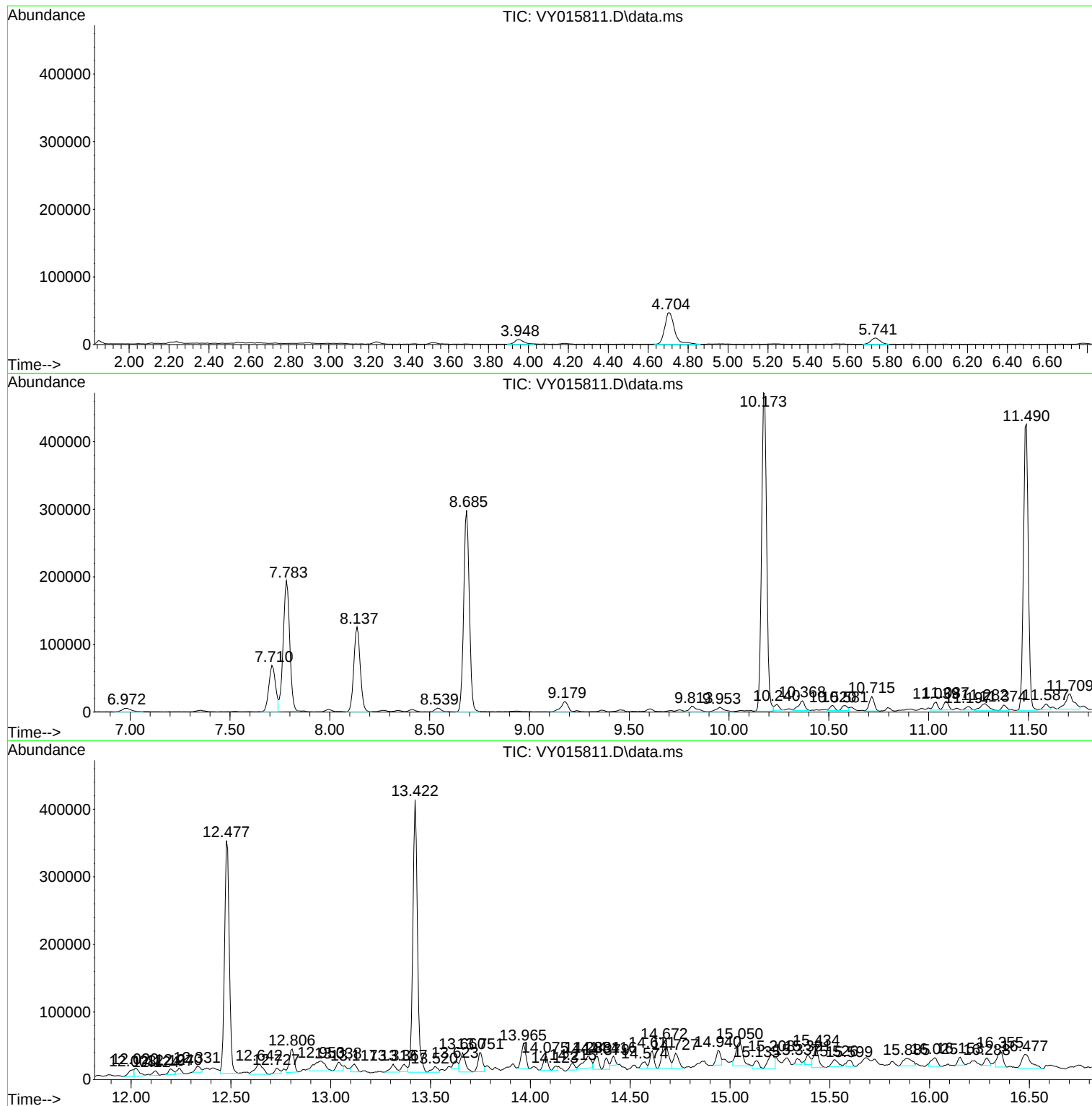
Sum of corrected areas: 6228888

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E9066-OB-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-002

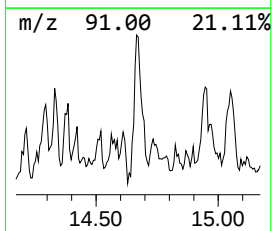
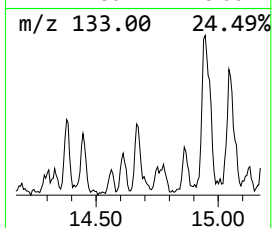
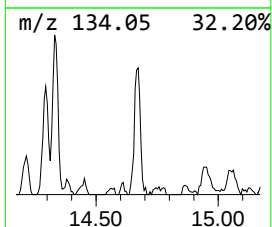
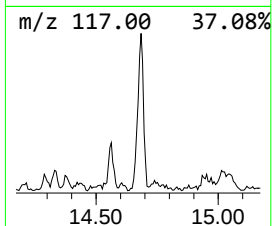
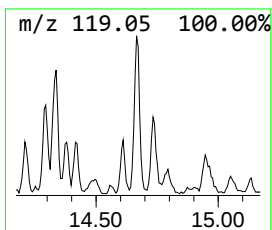
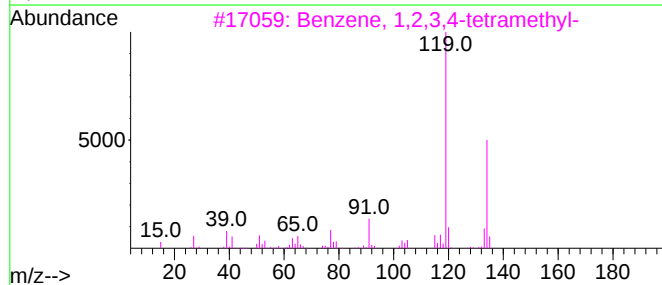
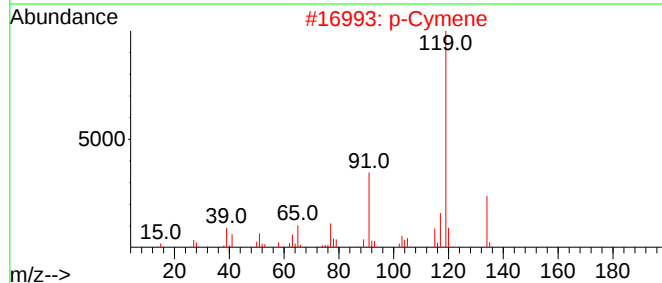
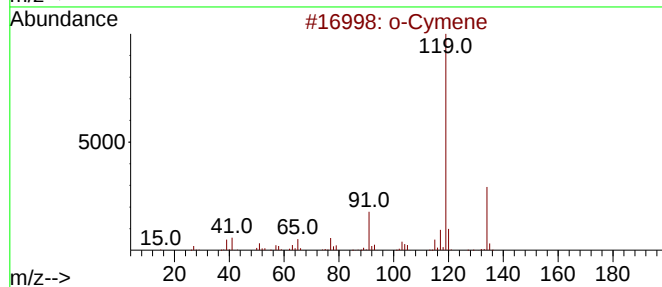
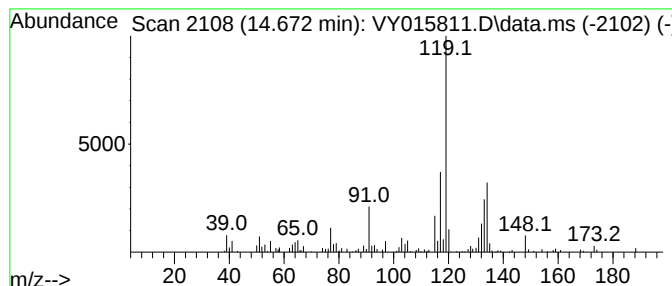
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	6.85 ug/l	88187	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	70
2			p-Cymene	134	C10H14	000099-87-6	70
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70



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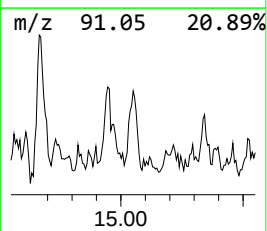
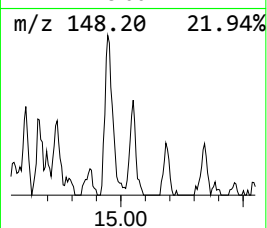
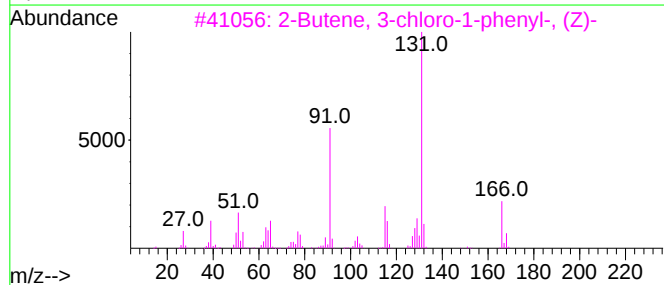
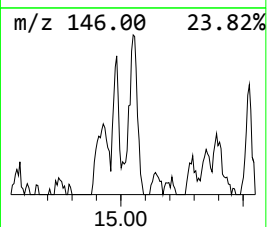
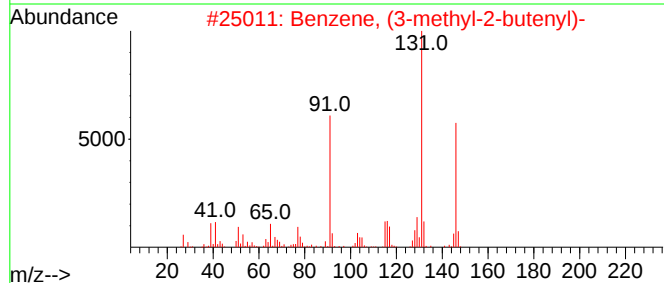
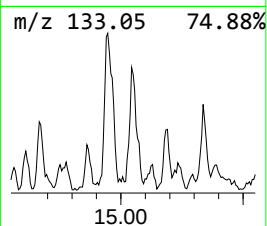
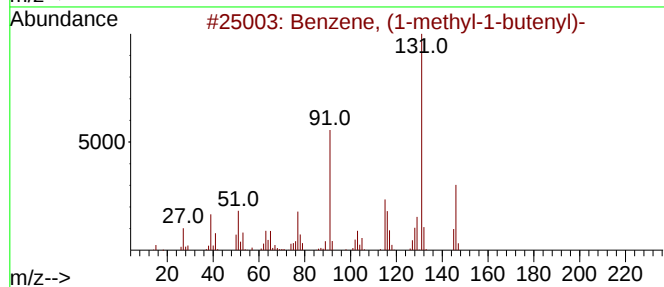
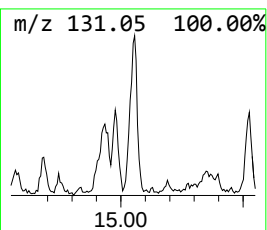
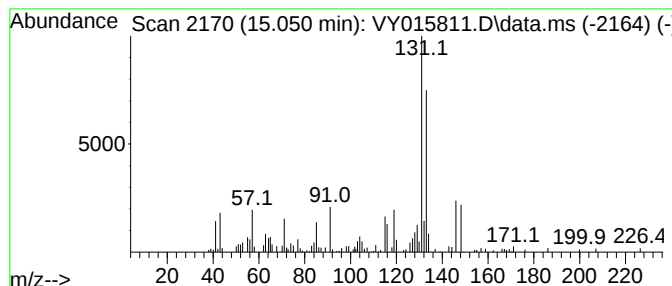
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, (1-methyl-1-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	6.49 ug/l	83522	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3			2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	83
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50



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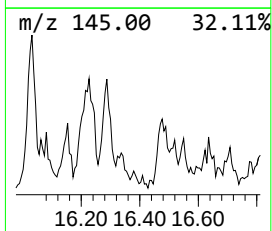
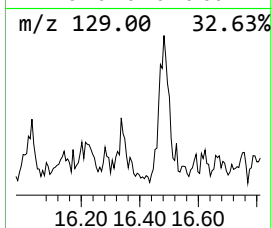
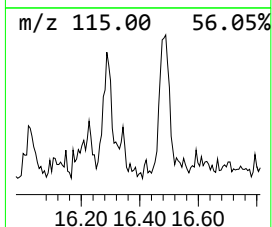
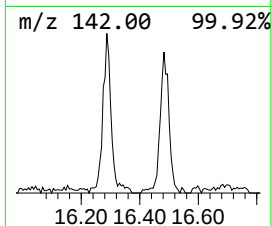
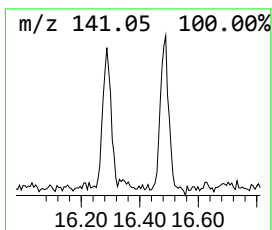
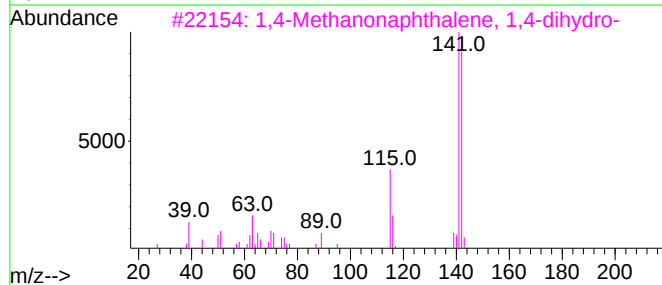
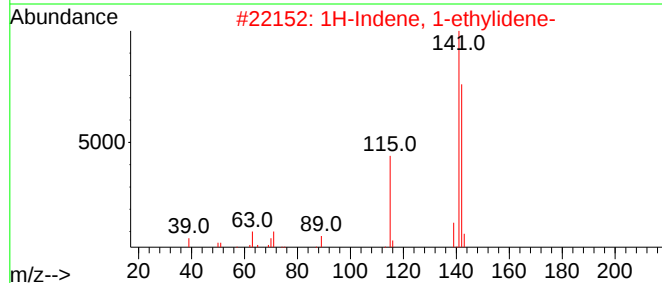
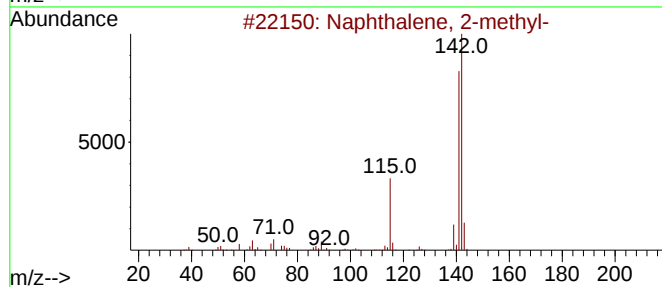
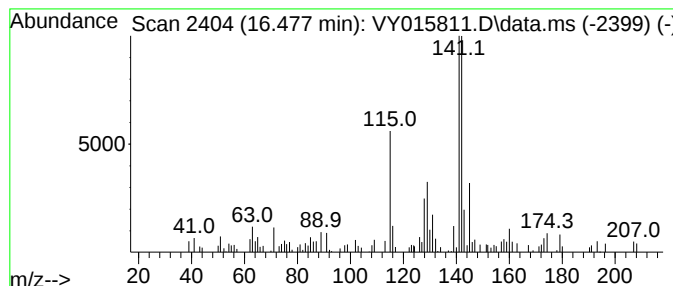
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Peak Number 3 1H-Indene, 1-ethylidene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.477	5.07 ug/l	65292	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70
2			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	70
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	62
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	62
5			Benzocycloheptatriene	142	C11H10	000264-09-5	62



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
o-Cymene	14.672	6.8	ug/l	88187	4	13.422	643721	50.0
Benzene, (1-met...	15.050	6.5	ug/l	83522	4	13.422	643721	50.0
1H-Indene, 1-et...	16.477	5.1	ug/l	65292	4	13.422	643721	50.0