

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015833.D
 Acq On : 04 Oct 2023 17:24
 Operator : SY/MD
 Sample : 04693-02
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1(0-5)

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: VY015833.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	15	rVB2	13899	22510	1.76%	0.185%
2	2.071	35	41	45	rBV	36718	48519	3.80%	0.399%
3	2.235	59	68	77	rVB3	12340	26437	2.07%	0.218%
4	2.887	166	175	183	rBV2	18939	44310	3.47%	0.365%
5	3.235	225	232	245	rVB3	6037	15158	1.19%	0.125%
6	3.954	340	350	371	rBV2	23599	83857	6.57%	0.690%
7	4.186	378	388	397	rBV	16253	44882	3.51%	0.369%
8	4.710	462	474	486	rBV2	37530	131040	10.26%	1.078%
9	5.735	633	642	657	rVB3	10474	33459	2.62%	0.275%
10	6.990	839	848	858	rBV	10025	29776	2.33%	0.245%
11	7.710	954	966	972	rBV	180789	430934	33.74%	3.546%
12	7.783	972	978	988	rVV	317140	714450	55.94%	5.879%
13	8.143	1026	1037	1052	rBV3	291277	800860	62.71%	6.590%
14	8.685	1117	1126	1138	rBV	483085	927016	72.58%	7.628%
15	9.179	1193	1207	1214	rBV	43017	89713	7.02%	0.738%
16	10.179	1362	1371	1376	rBV	736672	1277150	100.00%	10.509%
17	10.240	1376	1381	1389	rVB	239087	407216	31.88%	3.351%
18	10.514	1415	1426	1432	rBV3	5990	13155	1.03%	0.108%
19	11.087	1515	1520	1525	rVB3	10329	17452	1.37%	0.144%
20	11.490	1578	1586	1596	rBV	646993	1066063	83.47%	8.772%
21	11.593	1596	1603	1610	rBV	30471	52875	4.14%	0.435%
22	11.697	1612	1620	1629	rBV	97169	190002	14.88%	1.563%
23	12.032	1663	1675	1683	rBV2	75239	171852	13.46%	1.414%
24	12.331	1714	1724	1728	rBV2	13757	26666	2.09%	0.219%
25	12.477	1742	1748	1757	rVB	518048	805516	63.07%	6.628%
26	12.636	1770	1774	1784	rVB7	8845	22915	1.79%	0.189%
27	12.733	1784	1790	1793	rBV	17785	29952	2.35%	0.246%
28	12.806	1798	1802	1807	rVB	30522	47102	3.69%	0.388%
29	12.965	1825	1828	1834	rVB2	14815	26041	2.04%	0.214%
30	13.117	1848	1853	1857	rVV	48314	69435	5.44%	0.571%
31	13.166	1857	1861	1867	rVV2	65221	95353	7.47%	0.785%
32	13.221	1867	1870	1877	rVB5	8621	13998	1.10%	0.115%
33	13.422	1897	1903	1912	rVB	591269	924114	72.36%	7.604%
34	13.526	1917	1920	1925	rVB2	10285	14665	1.15%	0.121%
35	13.623	1931	1936	1939	rBV	20532	33513	2.62%	0.276%
36	13.660	1939	1942	1949	rVB2	19227	28808	2.26%	0.237%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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37	13.745	1949	1956	1960	rBV7	10654	19596	1.53%	0.161%
38	13.806	1960	1966	1973	rVB	36360	65258	5.11%	0.537%
39	13.910	1980	1983	1987	rVV2	10184	14021	1.10%	0.115%
40	13.965	1987	1992	1997	rVB2	24289	39145	3.07%	0.322%
41	14.081	2005	2011	2013	rBV2	14979	26818	2.10%	0.221%
42	14.105	2013	2015	2021	rVB2	15605	22222	1.74%	0.183%
43	14.209	2028	2032	2036	rBV3	9914	15142	1.19%	0.125%
44	14.288	2036	2045	2048	rVV2	20035	43137	3.38%	0.355%
45	14.331	2048	2052	2057	rVV	44435	66856	5.23%	0.550%
46	14.379	2057	2060	2063	rVV2	11057	17890	1.40%	0.147%
47	14.416	2063	2066	2073	rVB7	12554	30102	2.36%	0.248%
48	14.568	2086	2091	2095	rBV5	8729	17104	1.34%	0.141%
49	14.672	2102	2108	2114	rBV3	52187	103729	8.12%	0.854%
50	14.745	2114	2120	2128	rVB6	22094	42997	3.37%	0.354%
51	14.830	2128	2134	2138	rBV	34688	59555	4.66%	0.490%
52	14.940	2147	2152	2155	rBV4	16811	26749	2.09%	0.220%
53	15.044	2165	2169	2177	rVB3	17394	32975	2.58%	0.271%
54	15.233	2193	2200	2207	rVV	503595	833894	65.29%	6.862%
55	15.330	2211	2216	2223	rBV2	17446	33887	2.65%	0.279%
56	15.519	2243	2247	2251	rBV4	9205	13953	1.09%	0.115%
57	15.599	2254	2260	2264	rVB8	7176	16367	1.28%	0.135%
58	15.702	2265	2277	2283	rBV7	12574	53333	4.18%	0.439%
59	15.818	2290	2296	2302	rBV4	18941	46844	3.67%	0.385%
60	16.025	2324	2330	2337	rBV8	9146	21965	1.72%	0.181%
61	16.105	2338	2343	2349	rBV9	5938	12904	1.01%	0.106%
62	16.227	2354	2363	2366	rBV3	20580	49469	3.87%	0.407%
63	16.288	2366	2373	2387	rVB	323791	654547	51.25%	5.386%
64	16.483	2397	2405	2414	rVB	469194	980921	76.81%	8.071%
65	16.580	2419	2421	2434	rVB	5301	14998	1.17%	0.123%

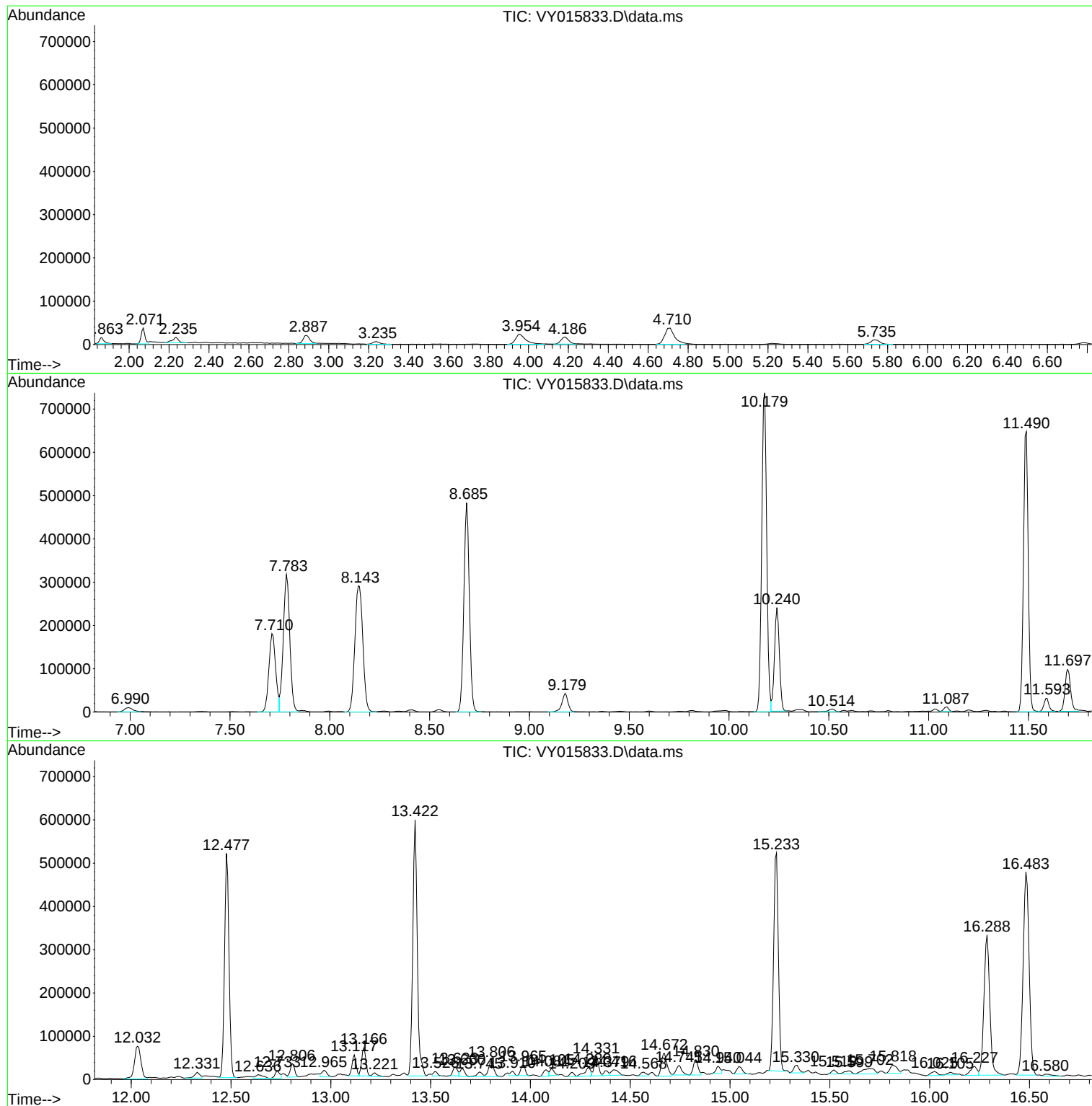
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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



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ClientSampleId :
S-1(0-5)

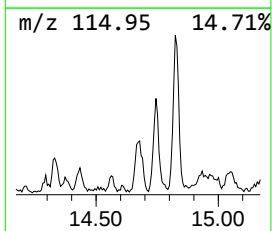
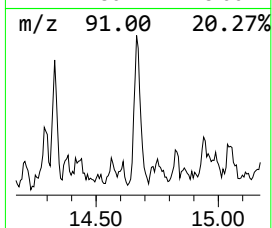
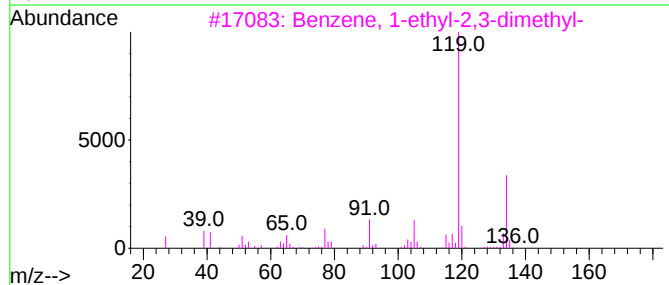
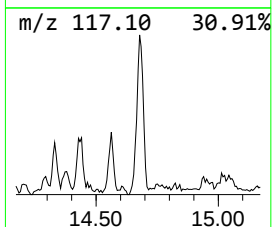
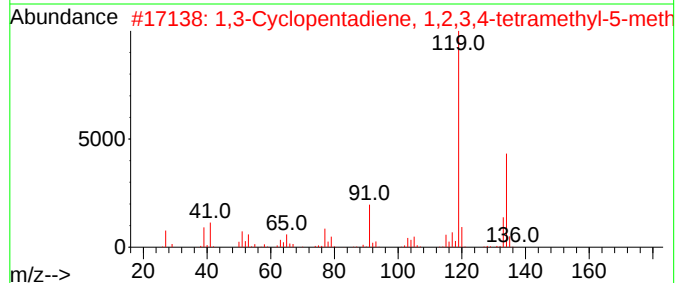
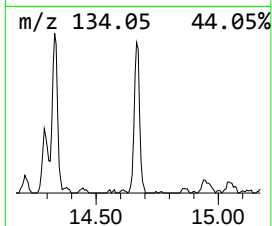
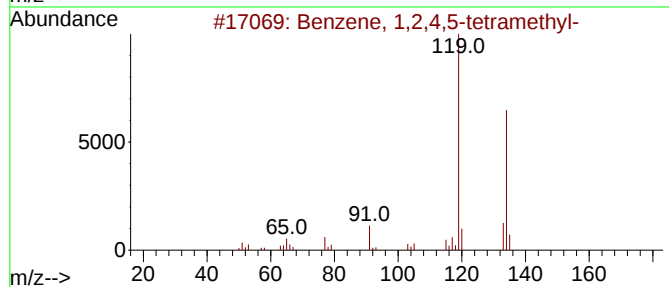
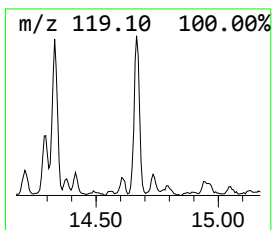
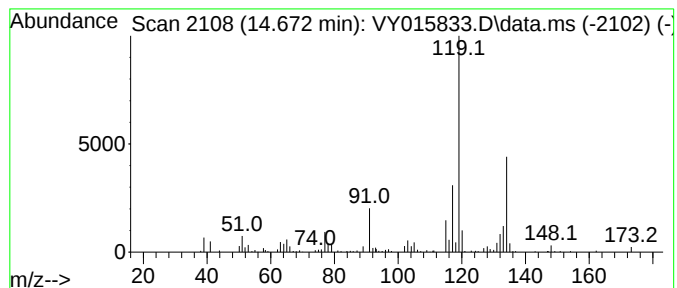
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	5.61 ug/l	103729	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76



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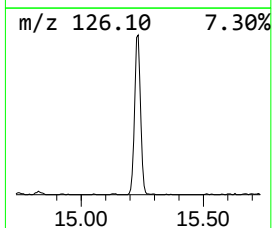
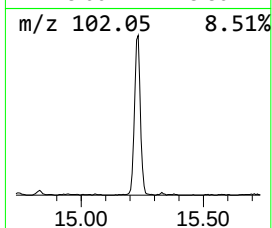
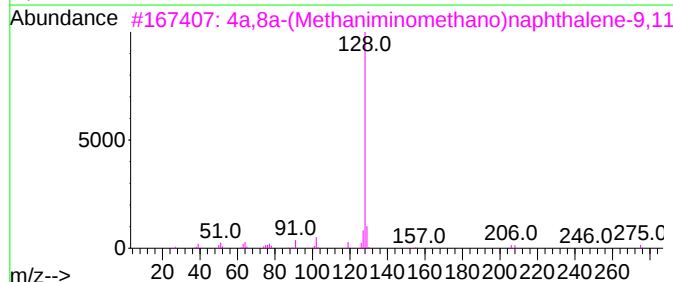
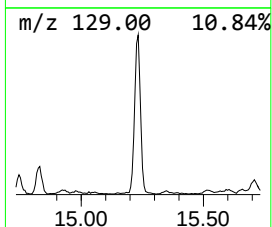
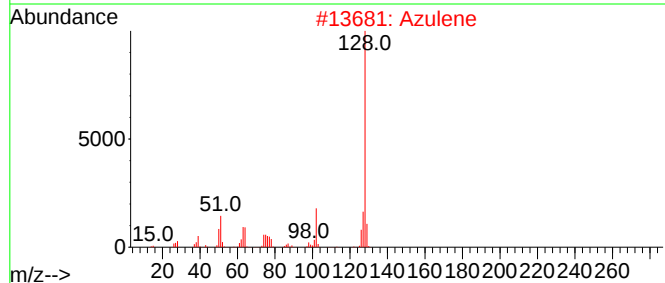
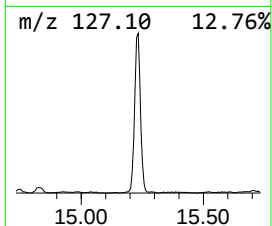
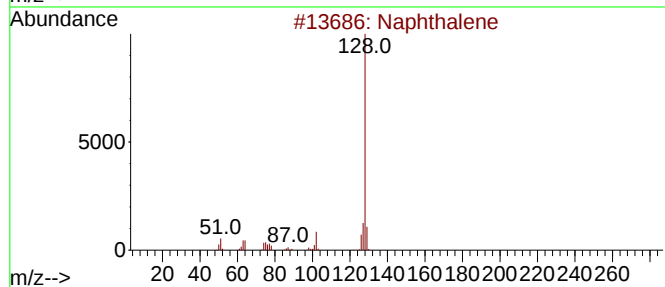
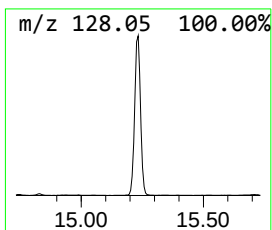
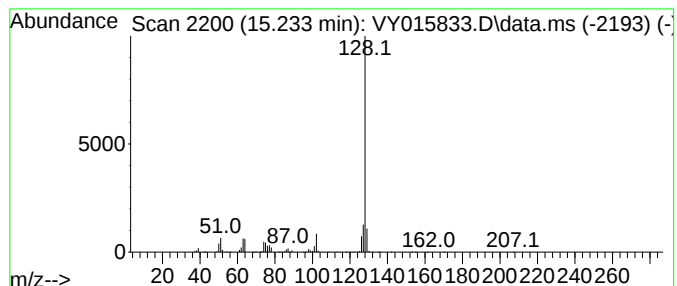
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	45.12 ug/l	833894	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	50



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1(0-5)

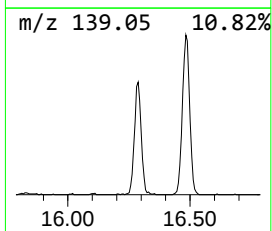
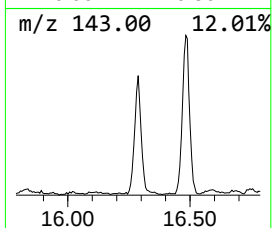
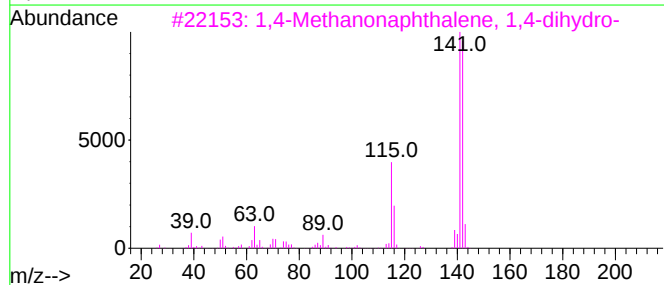
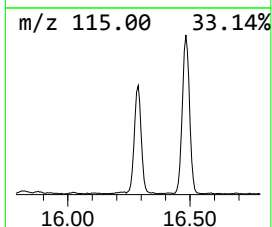
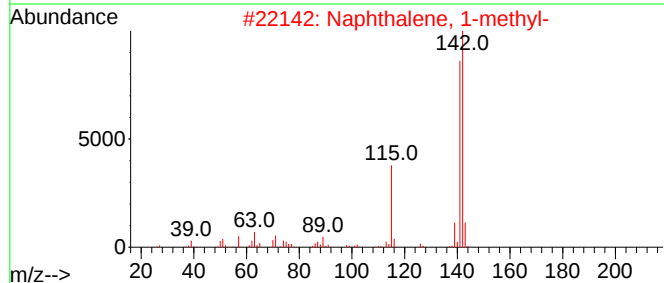
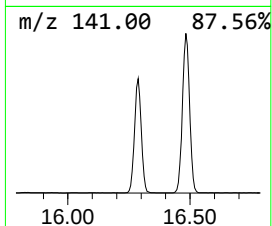
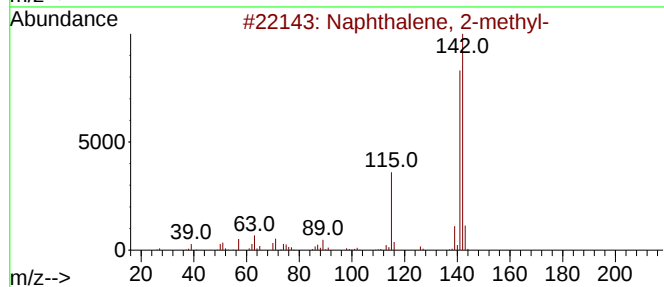
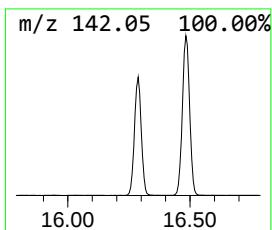
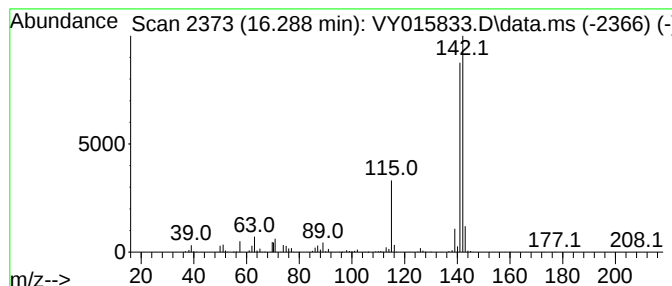
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 3 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.288	35.41 ug/l	654547	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	46



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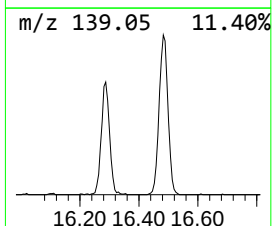
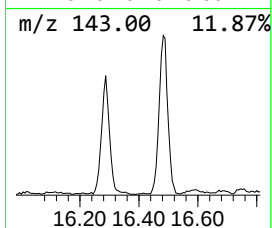
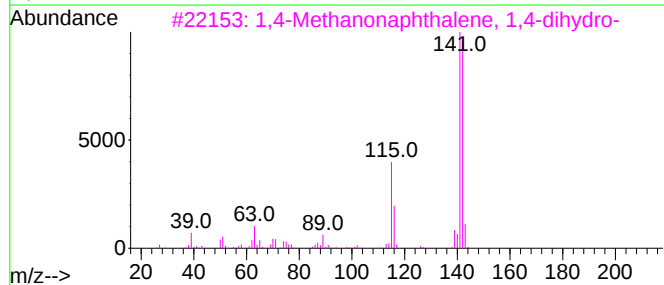
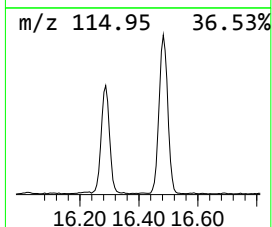
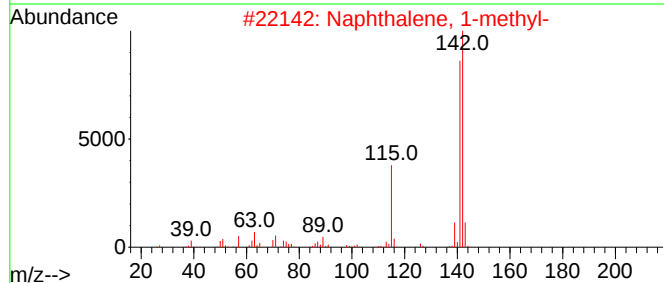
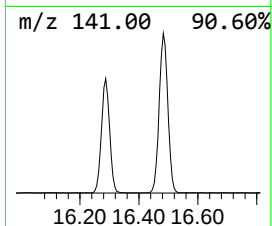
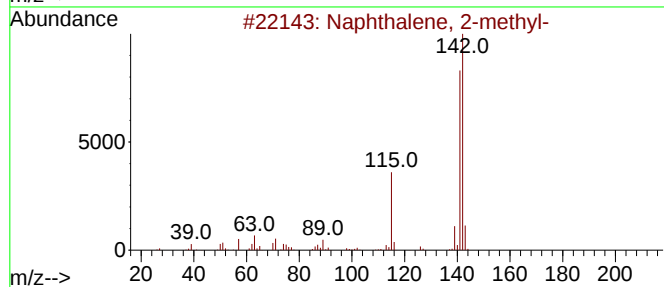
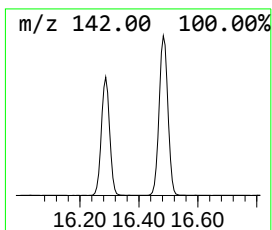
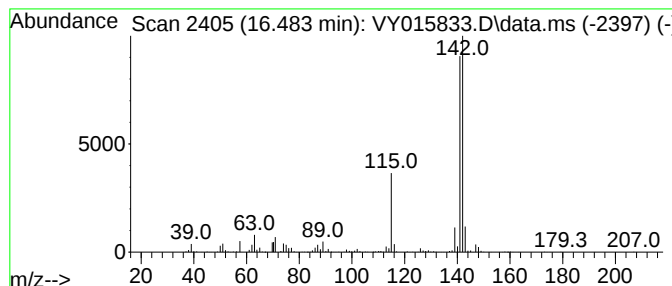
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	53.07 ug/l	980921	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015833.D
Acq On : 04 Oct 2023 17:24
Operator : SY/MD
Sample : 04693-02
Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1(0-5)

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,4,...	14.672	5.6	ug/l	103729	4	13.422	924114	50.0
Azulene	15.233	45.1	ug/l	833894	4	13.422	924114	50.0
1,4-Methanonaph...	16.288	35.4	ug/l	654547	4	13.422	924114	50.0
Benzocyclohepta...	16.483	53.1	ug/l	980921	4	13.422	924114	50.0