

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016104.D
 Acq On : 27 Oct 2023 14:46
 Operator : SY/MD
 Sample : 05083-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-10252023

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\82Y102623S.M
 Title : SW846 8260

Signal : TIC: VY016104.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	462	475	489	rBB2	17521	54408	7.97%	1.035%
2	5.753	634	645	656	rBV4	6597	19874	2.91%	0.378%
3	6.972	833	845	862	rBV	38345	123033	18.03%	2.342%
4	7.716	956	967	973	rBV	101299	243035	35.62%	4.625%
5	7.789	973	979	991	rVB	166912	375873	55.09%	7.153%
6	8.143	1024	1037	1048	rBV2	102241	257579	37.75%	4.902%
7	8.691	1118	1127	1140	rBV	257403	504150	73.89%	9.595%
8	10.179	1363	1371	1381	rBV	394360	682313	100.00%	12.985%
9	10.581	1429	1437	1445	rBV	52268	91815	13.46%	1.747%
10	10.947	1491	1497	1508	rBV	44887	78781	11.55%	1.499%
11	11.319	1553	1558	1564	rVB3	6164	9203	1.35%	0.175%
12	11.490	1575	1586	1597	rBV	380216	611568	89.63%	11.639%
13	12.483	1742	1749	1760	rBV2	324383	518987	76.06%	9.877%
14	12.813	1799	1803	1813	rVB4	7009	12313	1.80%	0.234%
15	13.428	1897	1904	1913	rVB	368758	584451	85.66%	11.123%
16	13.623	1932	1936	1940	rBV2	6923	11310	1.66%	0.215%
17	13.666	1940	1943	1951	rVB3	8148	15865	2.33%	0.302%
18	13.751	1952	1957	1961	rBV4	10751	17984	2.64%	0.342%
19	13.825	1966	1969	1975	rVB2	4735	7727	1.13%	0.147%
20	13.886	1975	1979	1981	rBV	5571	7995	1.17%	0.152%
21	13.916	1981	1984	1987	rVV	7389	11122	1.63%	0.212%
22	13.965	1987	1992	1998	rVB3	24364	41963	6.15%	0.799%
23	14.081	2005	2011	2016	rBV4	14404	22341	3.27%	0.425%
24	14.209	2027	2032	2036	rVV3	6567	13026	1.91%	0.248%
25	14.257	2036	2040	2043	rVV4	8408	14971	2.19%	0.285%
26	14.300	2043	2047	2049	rVV	7947	12778	1.87%	0.243%
27	14.337	2049	2053	2057	rVB	13019	18926	2.77%	0.360%
28	14.379	2057	2060	2063	rBV2	8845	11838	1.73%	0.225%
29	14.422	2063	2067	2073	rVB3	7866	12070	1.77%	0.230%
30	14.520	2079	2083	2086	rVB3	7323	8625	1.26%	0.164%
31	14.568	2086	2091	2095	rBV	16665	29058	4.26%	0.553%
32	14.611	2095	2098	2103	rVB2	21651	29365	4.30%	0.559%
33	14.684	2103	2110	2115	rBV4	44399	96590	14.16%	1.838%
34	14.733	2115	2118	2125	rVB3	10460	18276	2.68%	0.348%
35	14.830	2129	2134	2142	rVB	35479	55849	8.19%	1.063%
36	14.946	2143	2153	2156	rBV4	17547	43238	6.34%	0.823%

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37	14.977	2156	2158	2163	rVV	10584	15814	2.32%	0.301%
38	15.056	2165	2171	2177	rVB3	20954	45979	6.74%	0.875%
39	15.141	2181	2185	2189	rVB5	4965	8649	1.27%	0.165%
40	15.208	2190	2196	2199	rBV7	7099	13892	2.04%	0.264%
41	15.294	2205	2210	2216	rBV2	24535	60326	8.84%	1.148%
42	15.349	2216	2219	2230	rVV5	17371	62772	9.20%	1.195%
43	15.434	2230	2233	2241	rVB7	13551	23684	3.47%	0.451%
44	15.525	2241	2248	2255	rBV5	17718	38442	5.63%	0.732%
45	15.690	2265	2275	2277	rBV5	14312	33642	4.93%	0.640%
46	15.727	2277	2281	2291	rVB3	47660	85575	12.54%	1.629%
47	15.818	2291	2296	2301	rBV6	5620	11078	1.62%	0.211%
48	15.885	2302	2307	2314	rBV4	9037	19259	2.82%	0.367%
49	16.038	2324	2332	2339	rBV3	25553	56105	8.22%	1.068%
50	16.227	2354	2363	2369	rBV3	20994	46404	6.80%	0.883%
51	16.288	2369	2373	2380	rBV7	9791	18866	2.77%	0.359%
52	16.495	2399	2407	2411	rBV9	8207	22151	3.25%	0.422%
53	16.544	2413	2415	2420	rVV6	4615	7695	1.13%	0.146%
54	16.623	2422	2428	2438	rVB7	5862	15819	2.32%	0.301%

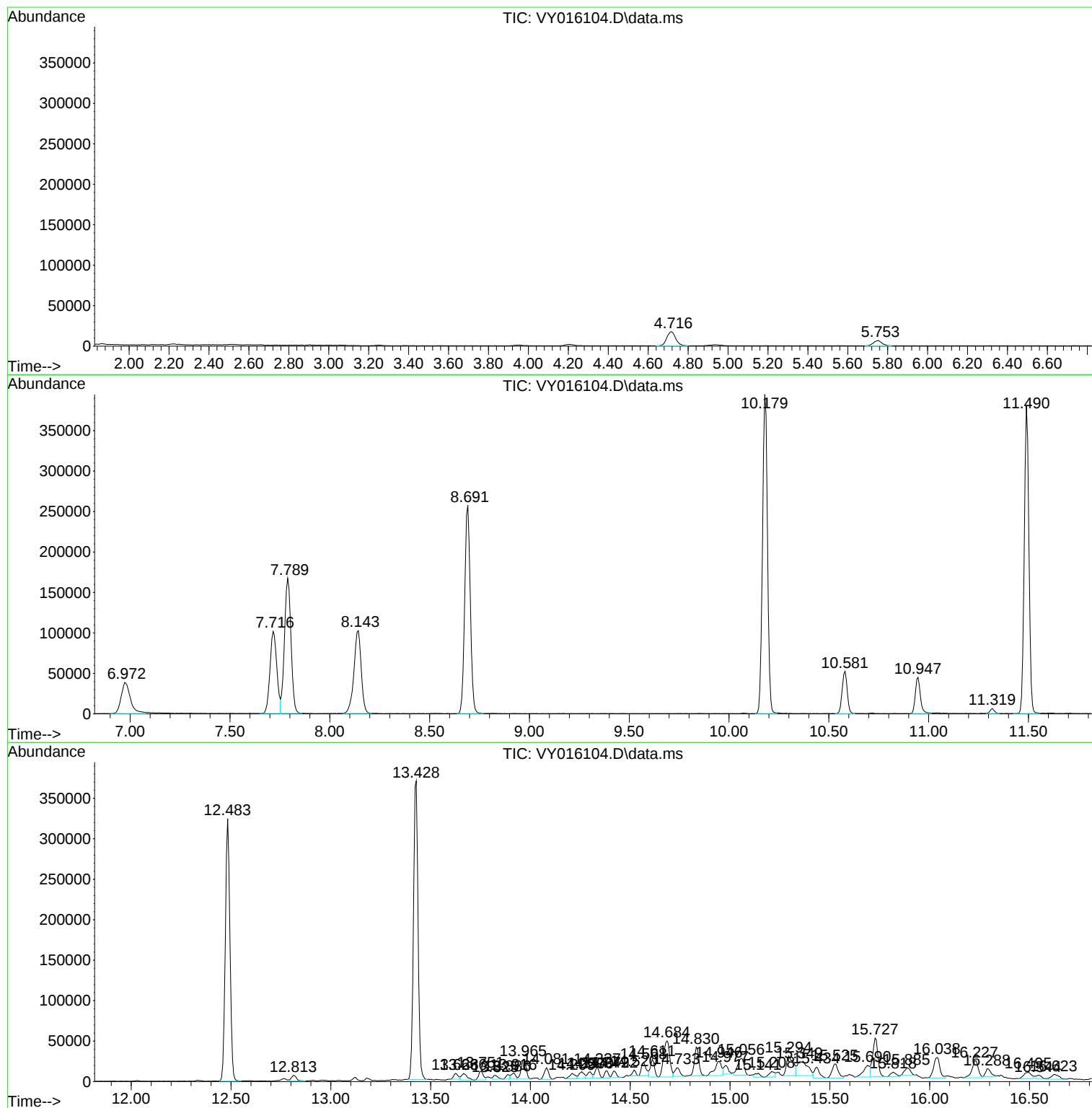
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Quant Title : SW846 8260

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



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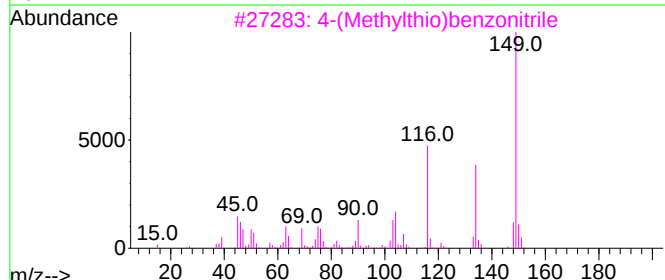
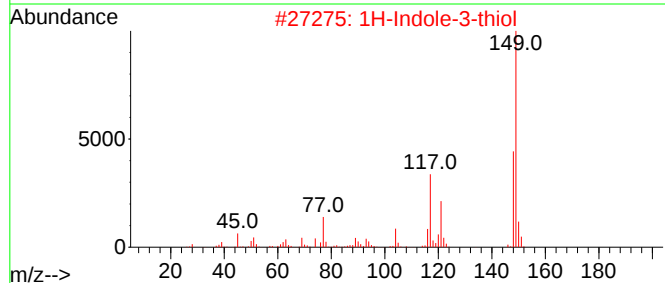
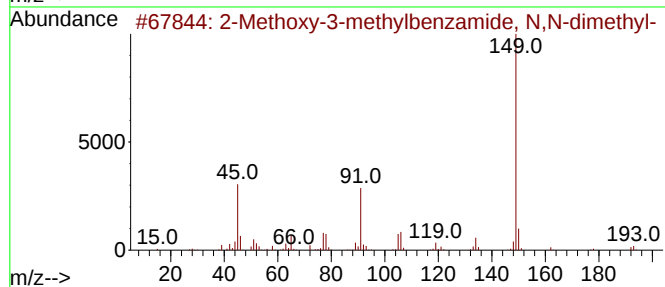
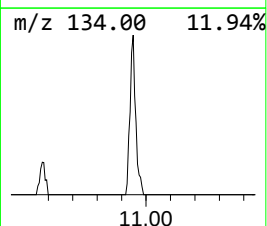
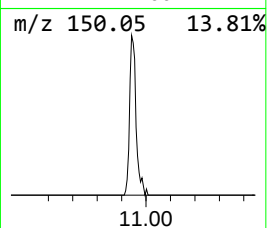
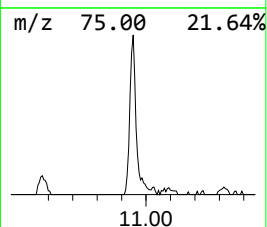
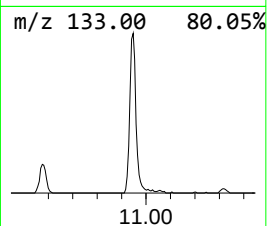
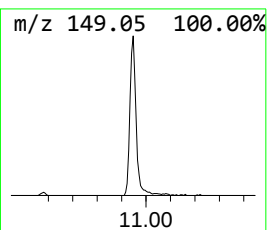
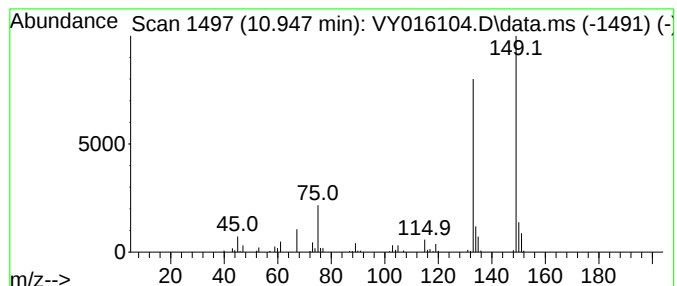
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown10.947 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	6.44 ug/l	78781	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methoxy-3-methylbenzamide, N,N...	193	C11H15NO2	1369798-01-5	32
2			1H-Indole-3-thiol	149	C8H7NS	000480-94-4	25
3			4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	17
4			4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	17
5			2,4,6-Trimethylbenzyl mercaptan,...	362	C14H13F7OS	1000469-60-5	16



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Instrument :
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ClientSampleId :
SU-04-10252023

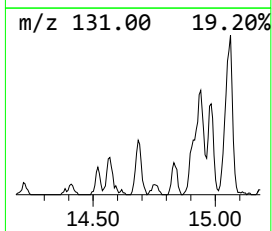
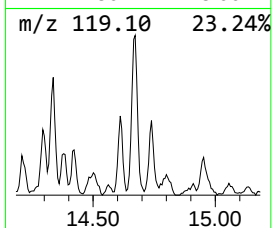
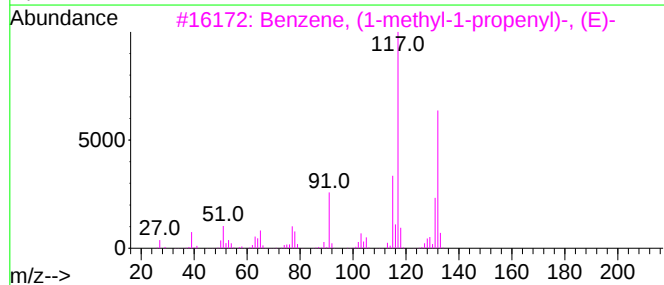
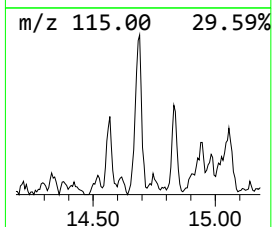
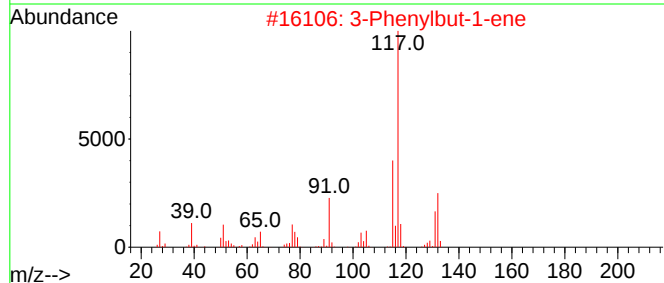
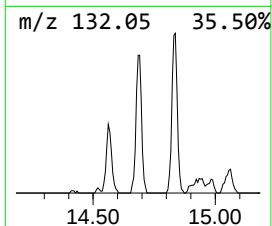
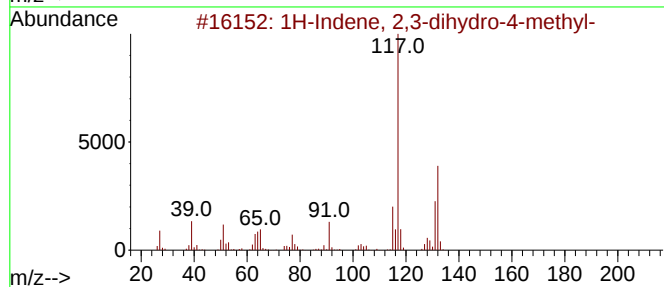
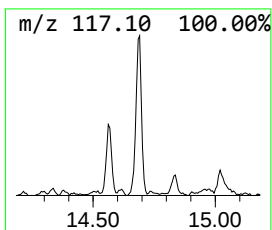
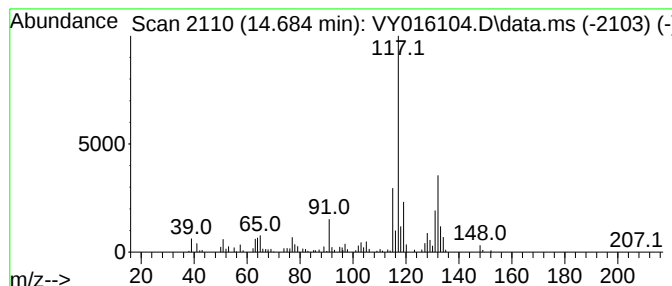
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	8.26 ug/l	96590	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



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Instrument :
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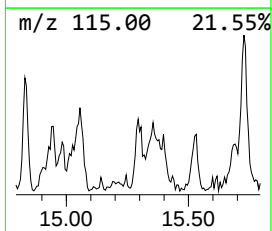
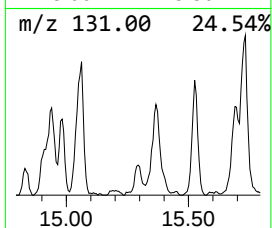
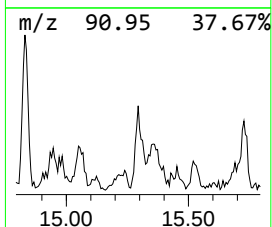
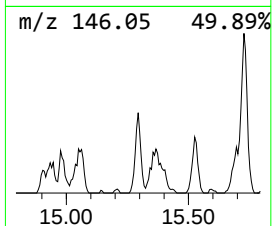
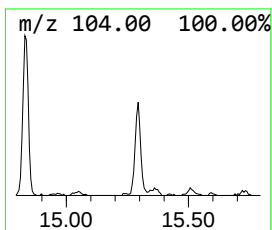
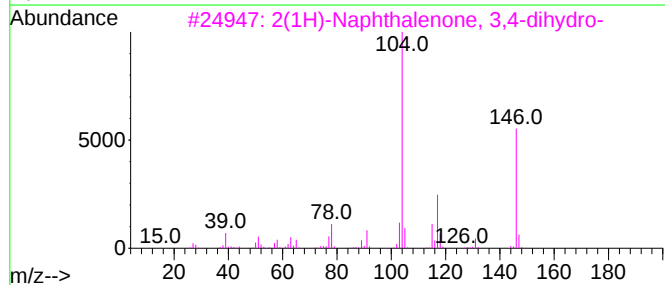
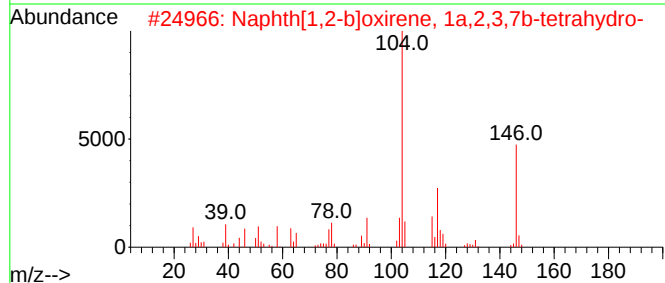
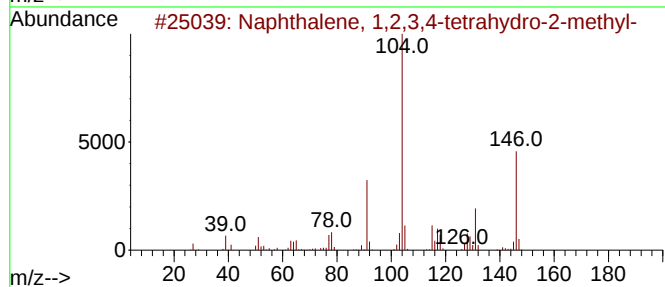
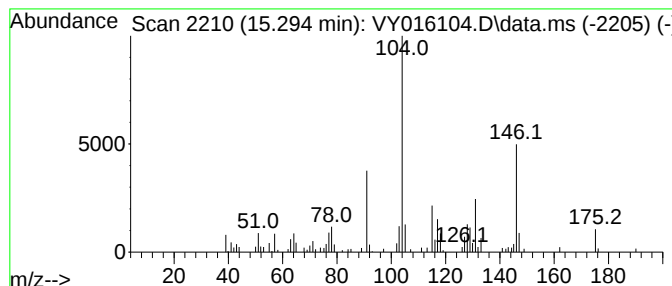
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	5.16 ug/l	60326	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4			Isoxazole, 3-ethyl-4,5-dihydro-5...	175	C11H13NO	1000362-14-9	45
5			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43



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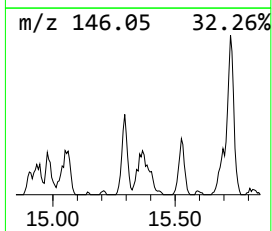
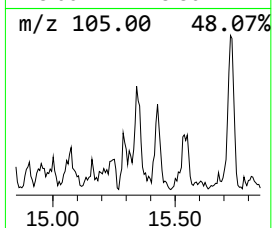
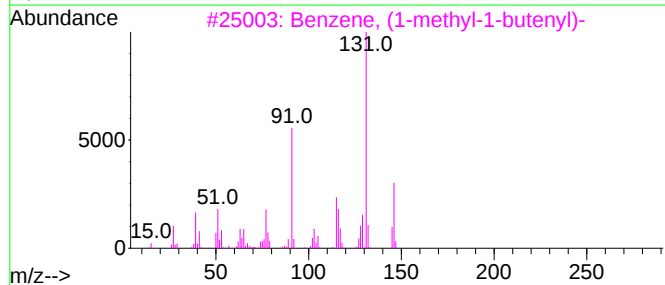
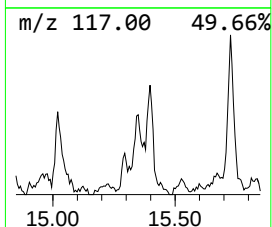
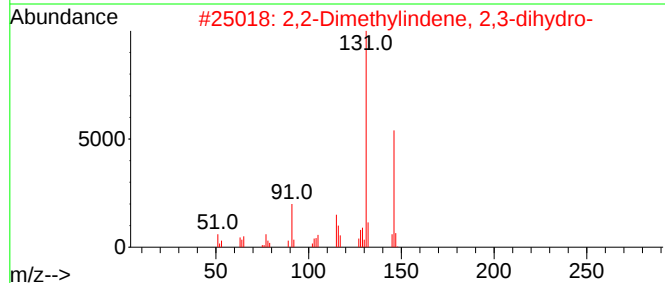
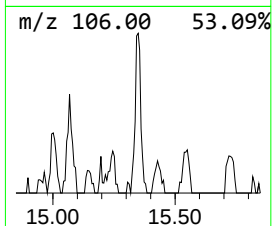
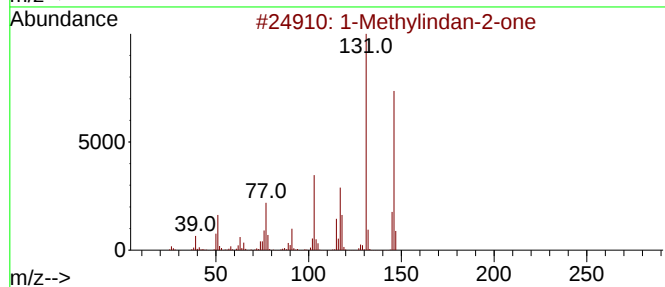
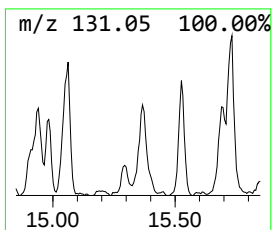
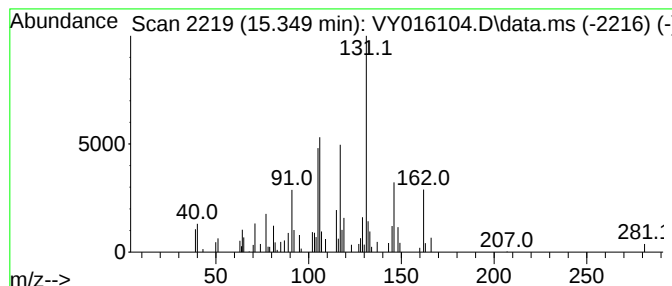
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

Peak Number 7 1-Methylindan-2-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	5.37 ug/l	62772	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylindan-2-one	146	C10H10O	035587-60-1	64
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	45
4			Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	45
5			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	45



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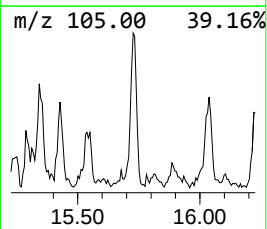
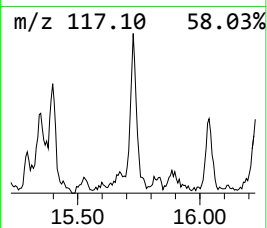
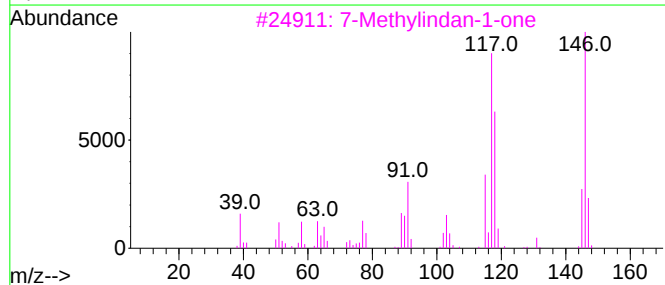
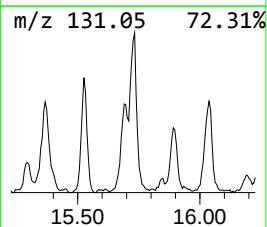
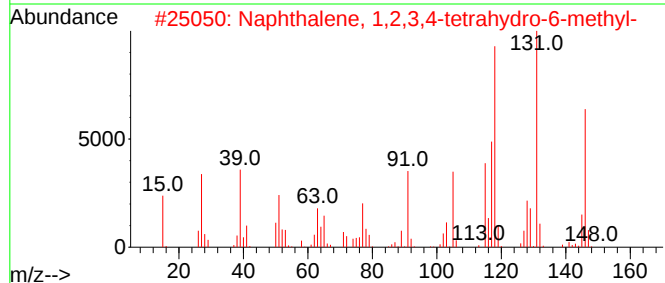
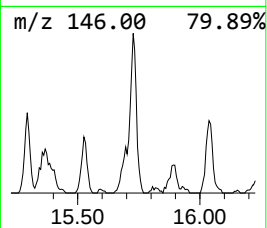
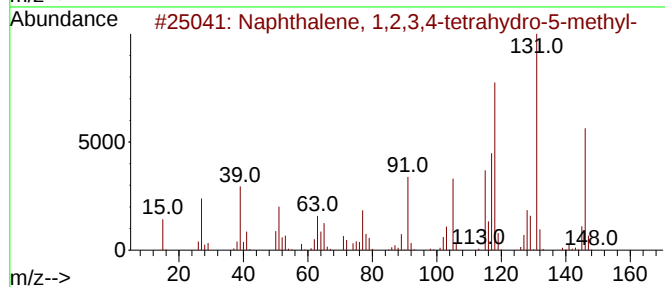
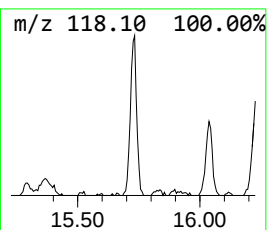
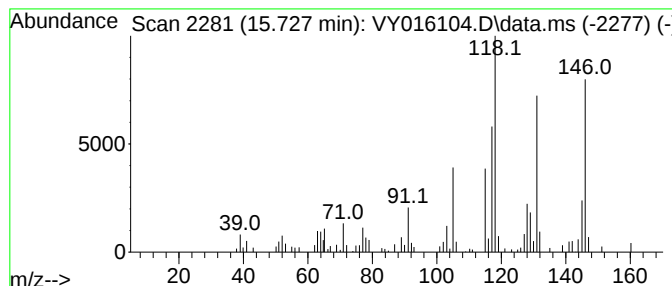
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	7.32 ug/l	85575	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3			7-Methylindan-1-one	146	C10H10O	039627-61-7	53
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016104.D
Acq On : 27 Oct 2023 14:46
Operator : SY/MD
Sample : 05083-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-10252023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.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
unknown10.947	10.947	6.4	ug/l	78781	3	11.490	611568	50.0
1H-Indene, 2,3-...	14.684	8.3	ug/l	96590	4	13.428	584451	50.0
Naphthalene, 1,...	15.294	5.2	ug/l	60326	4	13.428	584451	50.0
1-Methylindan-2...	15.349	5.4	ug/l	62772	4	13.428	584451	50.0
Naphthalene, 1,...	15.727	7.3	ug/l	85575	4	13.428	584451	50.0