

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015807.D
 Acq On : 03 Oct 2023 15:44
 Operator : SY/MD
 Sample : 04685-08
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B6A-13-15

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: VY015807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	460	474	488	rBV	36909	114114	19.14%	1.894%
2	5.741	633	643	655	rVB3	9251	27112	4.55%	0.450%
3	7.716	956	967	972	rBV	87259	208589	34.99%	3.461%
4	7.789	972	979	989	rVB	131930	303733	50.95%	5.040%
5	8.137	1027	1036	1048	rBV	98655	216144	36.25%	3.587%
6	8.685	1118	1126	1140	rBV	221807	431405	72.36%	7.158%
7	10.179	1362	1371	1384	rBV	346696	596178	100.00%	9.893%
8	11.490	1579	1586	1597	rBV	344031	557505	93.51%	9.251%
9	11.709	1613	1622	1632	rBV	4268	12178	2.04%	0.202%
10	12.026	1661	1674	1678	rBV4	8612	25122	4.21%	0.417%
11	12.118	1686	1689	1693	rVB3	5764	8544	1.43%	0.142%
12	12.203	1698	1703	1705	rVV5	4202	7738	1.30%	0.128%
13	12.233	1706	1708	1715	rVB5	5772	8400	1.41%	0.139%
14	12.477	1742	1748	1759	rVB	284719	461454	77.40%	7.657%
15	12.642	1771	1775	1784	rVB6	8152	15999	2.68%	0.265%
16	12.733	1784	1790	1794	rBV4	8174	16346	2.74%	0.271%
17	12.800	1795	1801	1808	rVV3	27238	52276	8.77%	0.867%
18	12.855	1808	1810	1816	rVB7	4768	6599	1.11%	0.109%
19	13.038	1836	1840	1847	rVB2	14711	23032	3.86%	0.382%
20	13.123	1849	1854	1857	rVB2	7186	12751	2.14%	0.212%
21	13.319	1878	1886	1889	rBV4	14289	27827	4.67%	0.462%
22	13.361	1889	1893	1896	rVV4	9646	14242	2.39%	0.236%
23	13.422	1896	1903	1912	rVB	362114	582883	97.77%	9.672%
24	13.501	1912	1916	1918	rBV3	6693	9604	1.61%	0.159%
25	13.617	1932	1935	1939	rBV2	9421	12002	2.01%	0.199%
26	13.666	1939	1943	1951	rVB3	13428	23326	3.91%	0.387%
27	13.751	1951	1957	1961	rBV	62654	101646	17.05%	1.687%
28	13.965	1988	1992	1997	rVB2	32795	51696	8.67%	0.858%
29	14.014	1997	2000	2005	rVB3	10542	15840	2.66%	0.263%
30	14.075	2005	2010	2015	rBV3	30222	49362	8.28%	0.819%
31	14.135	2016	2020	2027	rBV8	9216	23203	3.89%	0.385%
32	14.257	2027	2040	2045	rBV10	28594	108741	18.24%	1.804%
33	14.379	2056	2060	2063	rBV4	21350	29272	4.91%	0.486%
34	14.416	2063	2066	2070	rVB3	27092	36387	6.10%	0.604%
35	14.520	2080	2083	2086	rVB3	7002	8152	1.37%	0.135%
36	14.562	2086	2090	2093	rBV2	15967	22581	3.79%	0.375%

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37	14.611	2094	2098	2102	rVB	77524	102718	17.23%	1.704%
38	14.678	2103	2109	2114	rBV4	50467	112908	18.94%	1.874%
39	14.727	2114	2117	2124	rVB3	35847	60646	10.17%	1.006%
40	14.830	2131	2134	2140	rVB3	13264	21051	3.53%	0.349%
41	14.940	2148	2152	2156	rBV4	25961	36077	6.05%	0.599%
42	15.050	2164	2170	2176	rBV4	38344	82576	13.85%	1.370%
43	15.208	2191	2196	2204	rBV6	37780	100275	16.82%	1.664%
44	15.288	2205	2209	2213	rVV2	33259	52609	8.82%	0.873%
45	15.434	2229	2233	2241	rVB3	73860	120663	20.24%	2.002%
46	15.519	2241	2247	2255	rBV4	32122	81175	13.62%	1.347%
47	15.599	2255	2260	2265	rVB7	20258	38378	6.44%	0.637%
48	15.684	2267	2274	2276	rBV6	26615	55469	9.30%	0.920%
49	15.727	2277	2281	2287	rVB	66175	112517	18.87%	1.867%
50	15.885	2301	2307	2323	rVB8	32493	112305	18.84%	1.864%
51	16.031	2323	2331	2336	rBV4	56371	126835	21.27%	2.105%
52	16.153	2347	2351	2355	rBV3	18926	29771	4.99%	0.494%
53	16.227	2358	2363	2368	rVV2	57891	116506	19.54%	1.933%
54	16.288	2368	2373	2379	rVV	80532	147923	24.81%	2.455%
55	16.355	2380	2384	2396	rVB	54695	113223	18.99%	1.879%
56	16.483	2398	2405	2412	rBV4	66987	180921	30.35%	3.002%

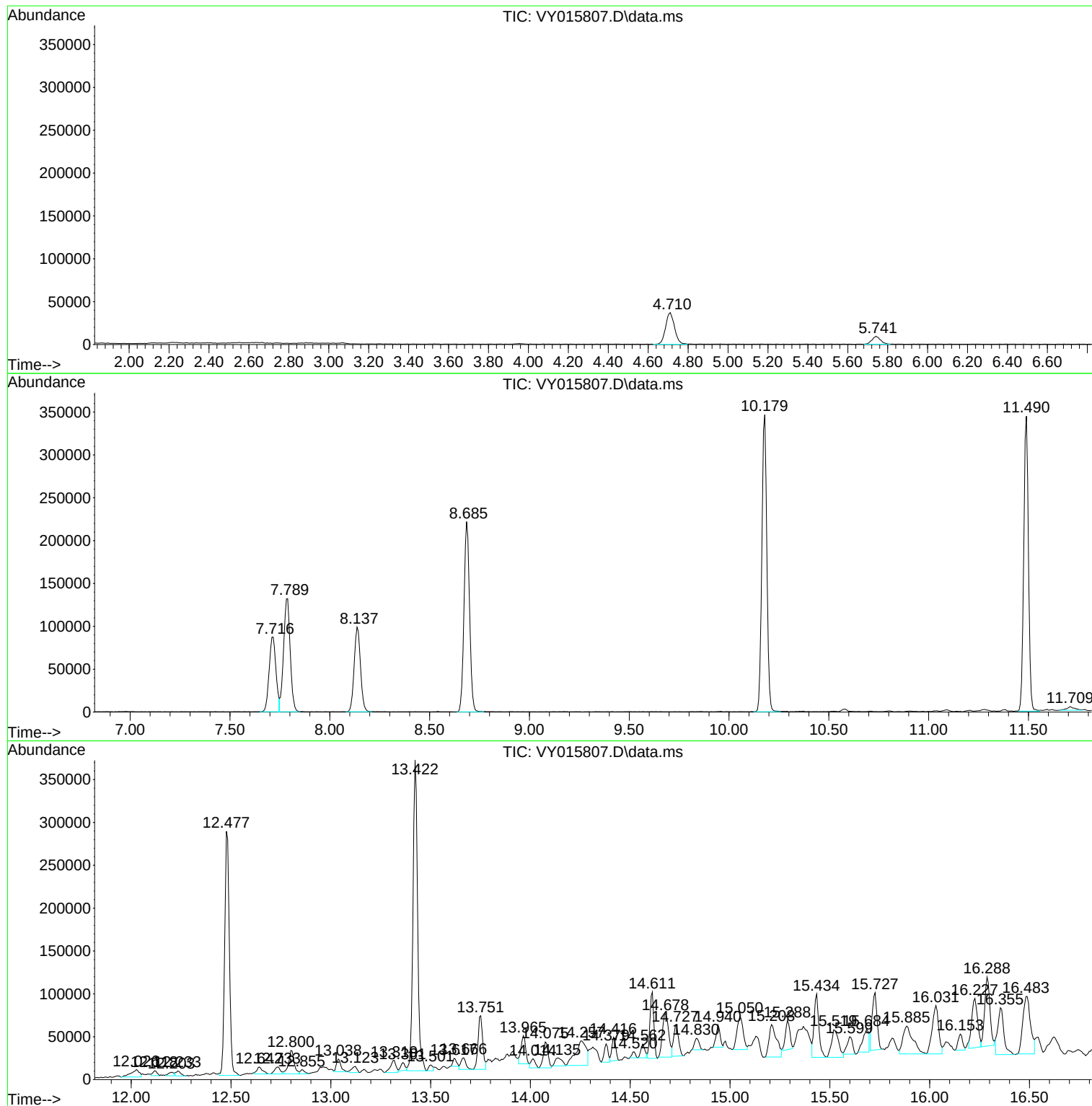
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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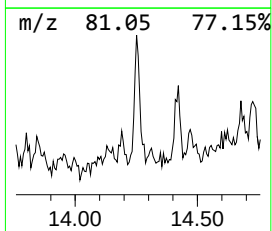
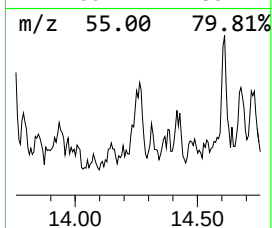
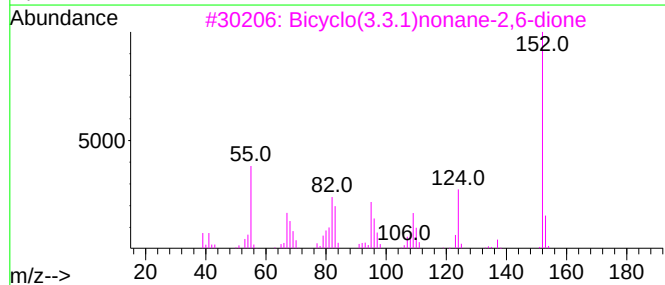
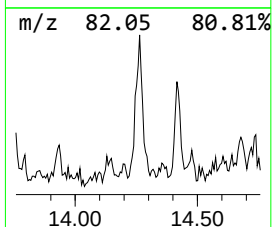
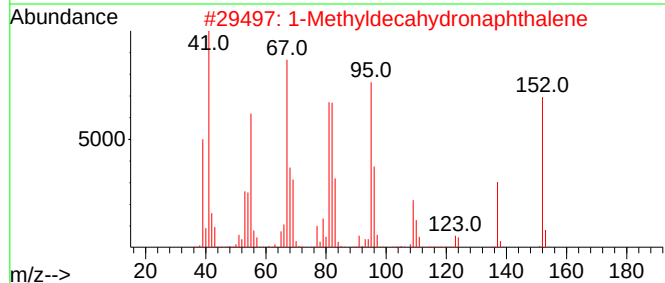
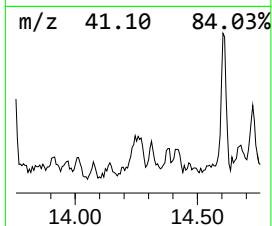
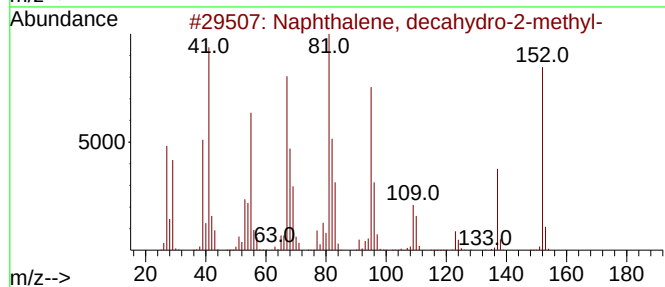
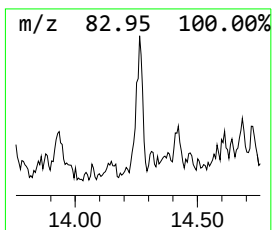
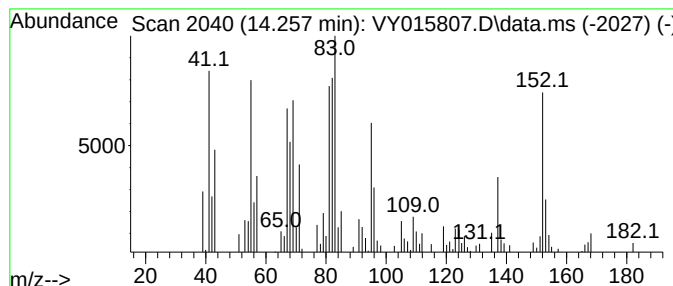
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	9.33 ug/l	108741	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	84
3			Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	49
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49
5			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	47



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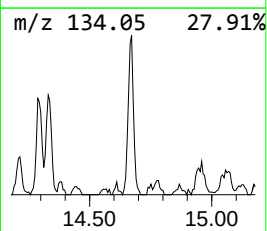
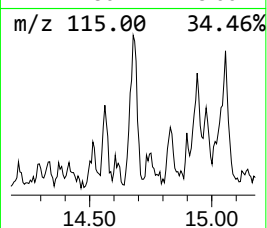
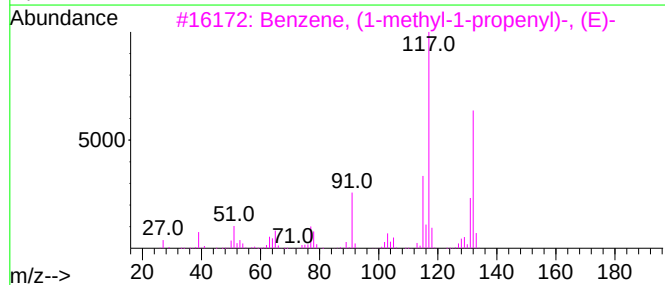
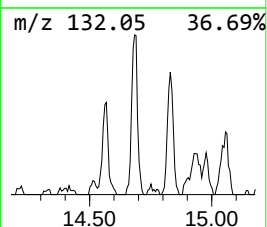
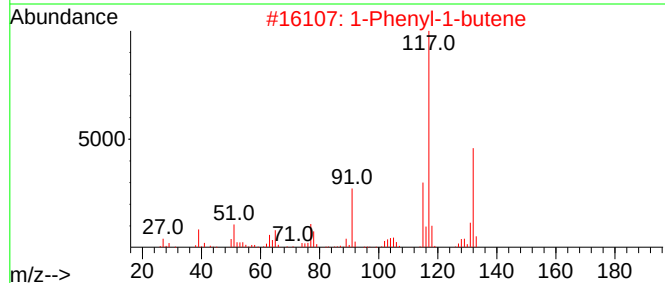
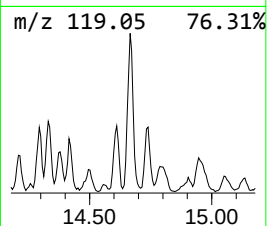
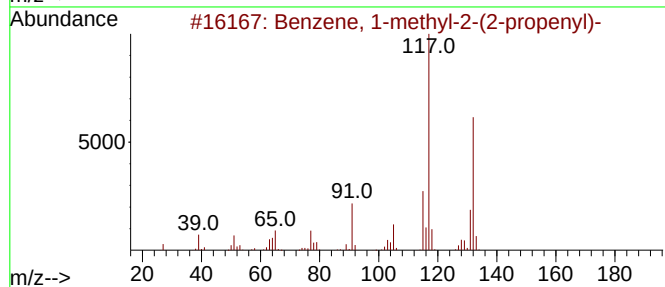
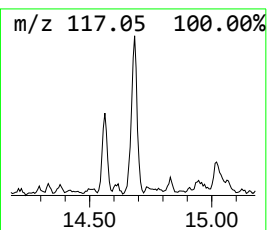
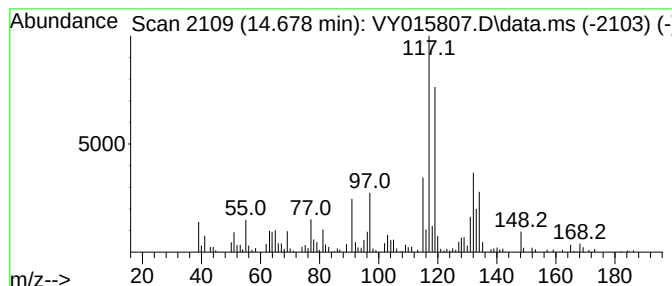
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown14.678 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	9.69 ug/l	112908	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	46
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	46
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46
4			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	46
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	46



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Instrument :
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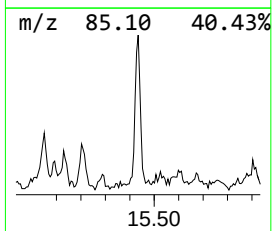
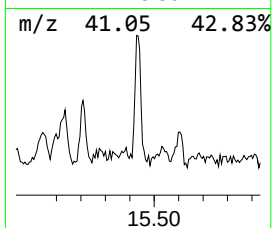
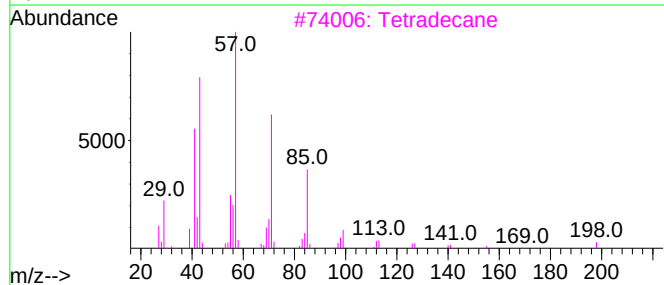
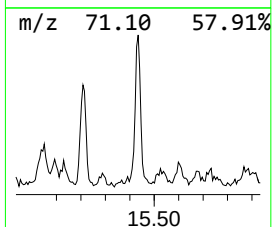
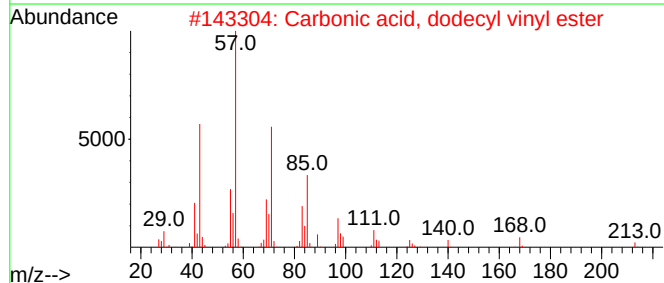
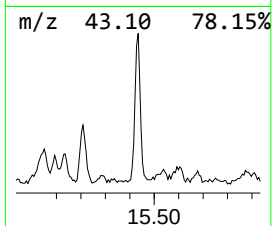
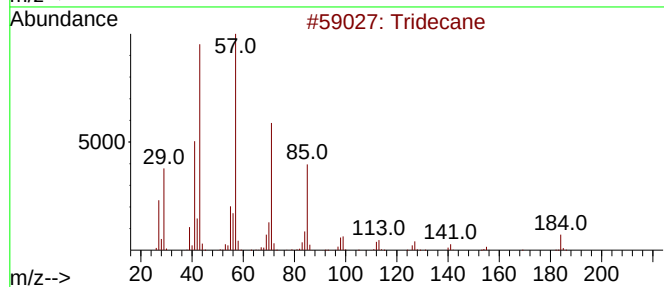
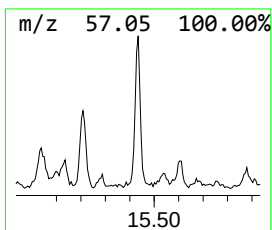
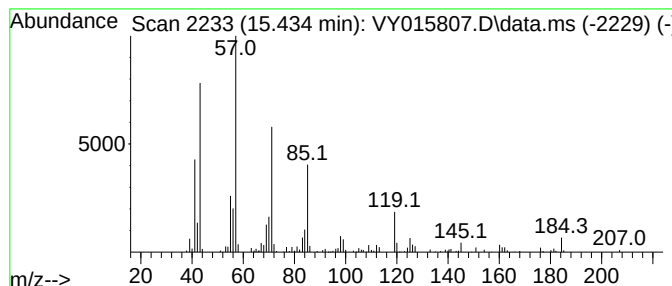
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	10.35 ug/l	120663	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	72
3			Tetradecane	198	C14H30	000629-59-4	72
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59



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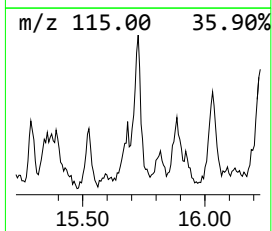
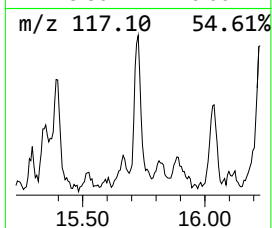
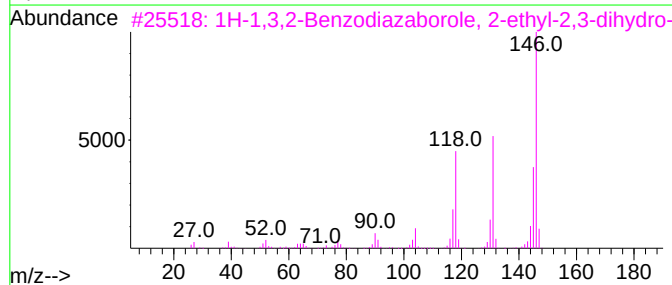
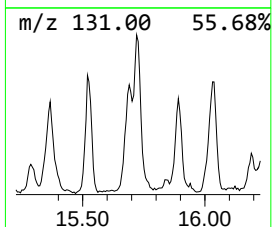
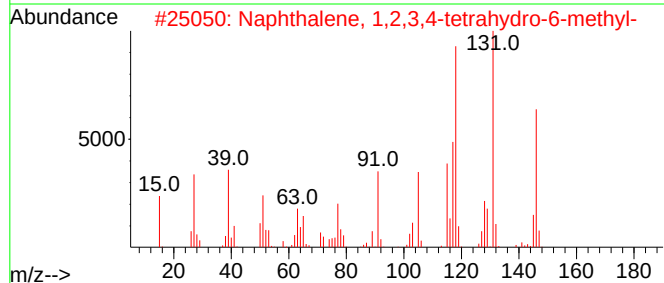
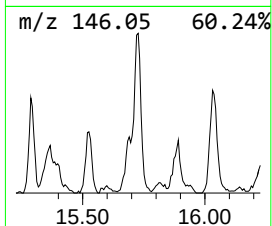
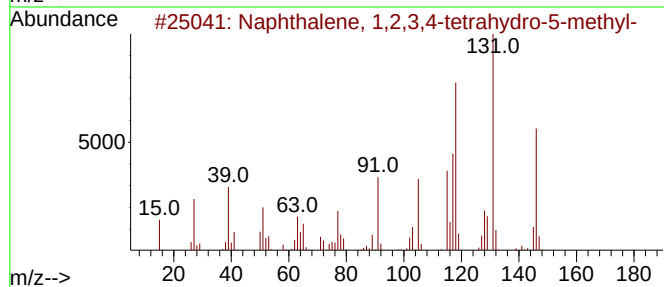
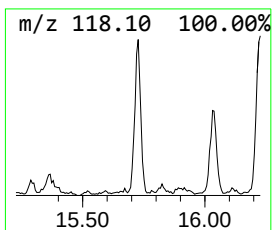
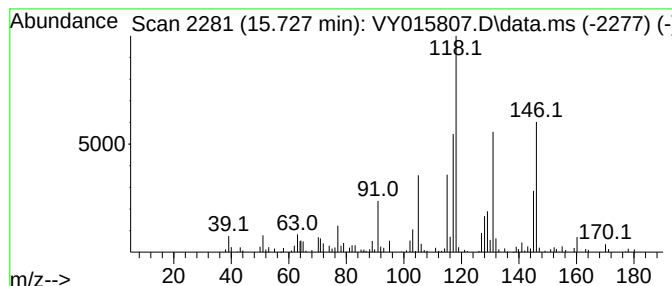
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	9.65 ug/l	112517	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	35
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	30
5			Fumaric acid, 3-phenylpropyl 2-e...	346	C21H30O4	1000405-66-7	27



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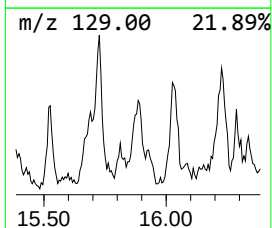
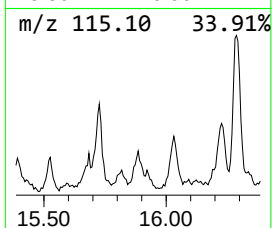
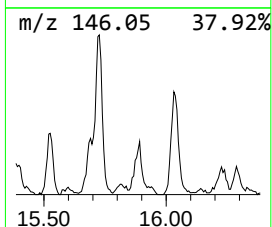
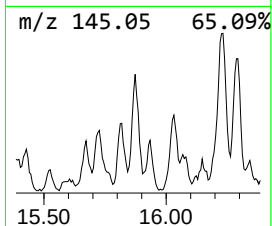
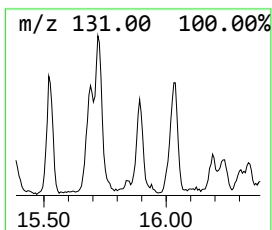
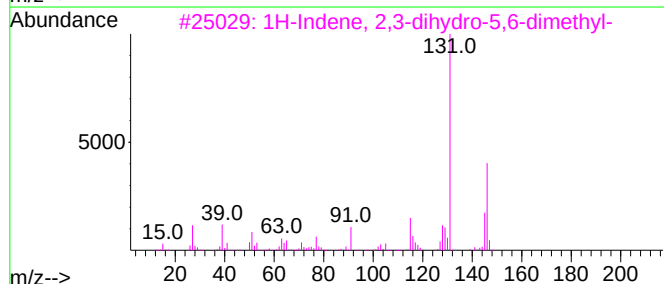
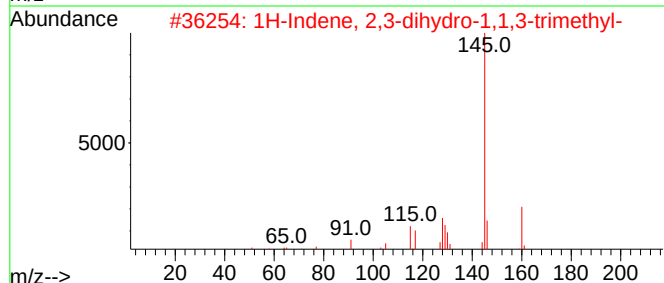
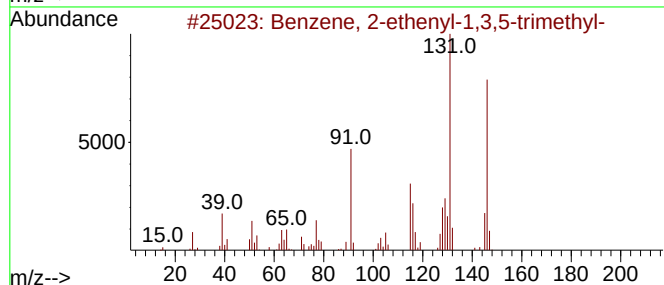
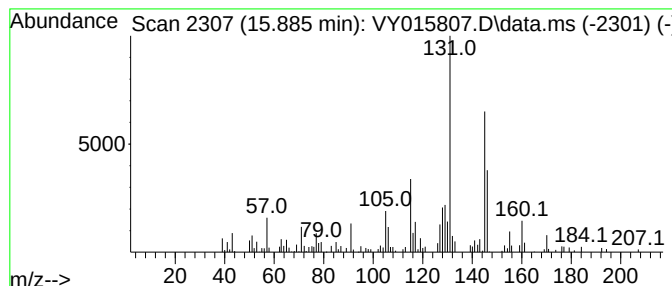
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	9.63 ug/l	112305	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
3			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	47
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
5			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015807.D
Acq On : 03 Oct 2023 15:44
Operator : SY/MD
Sample : 04685-08
Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

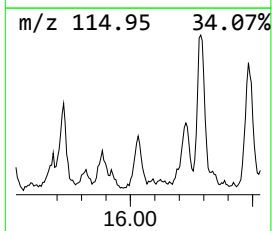
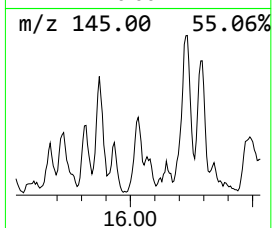
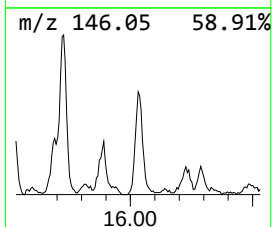
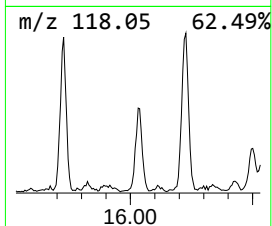
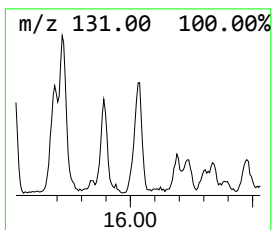
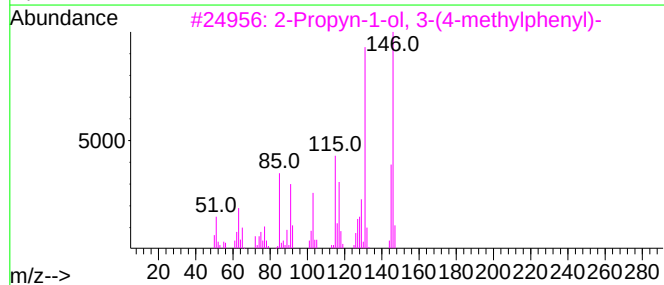
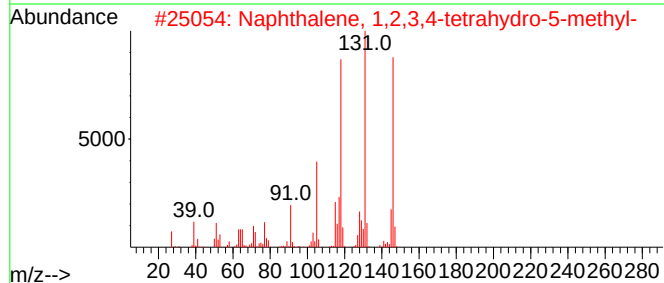
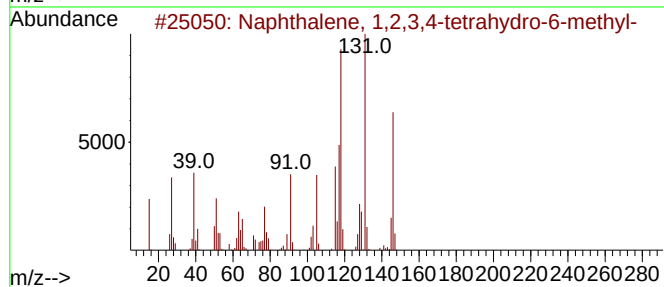
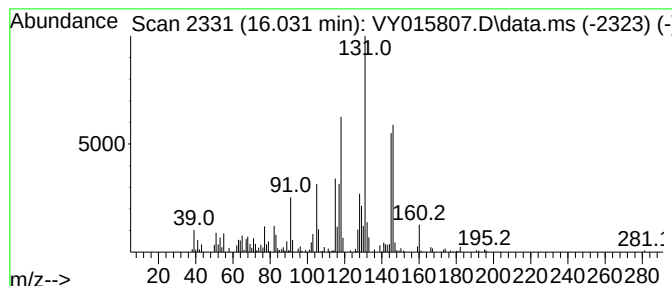
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.032	10.88 ug/l	126835	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
3			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	58
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
5			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015807.D
Acq On : 03 Oct 2023 15:44
Operator : SY/MD
Sample : 04685-08
Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

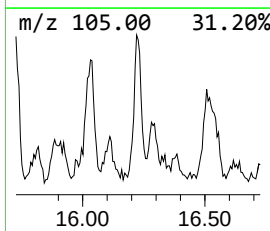
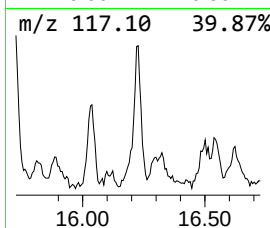
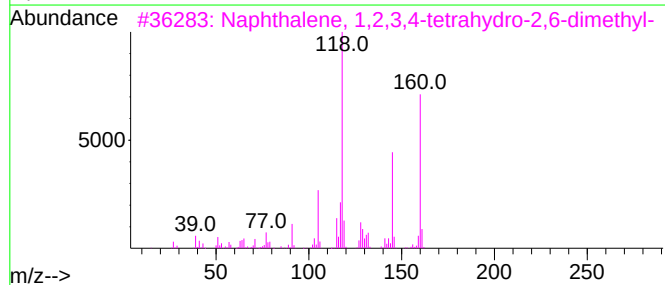
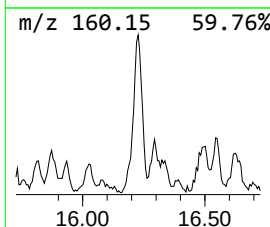
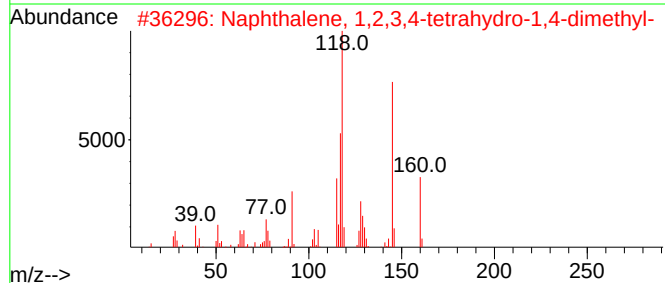
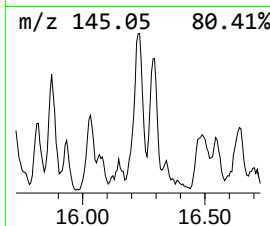
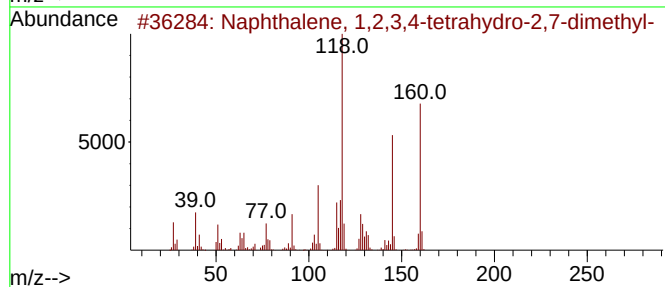
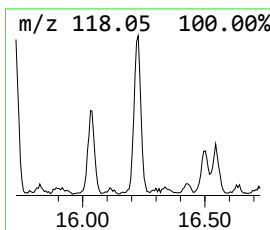
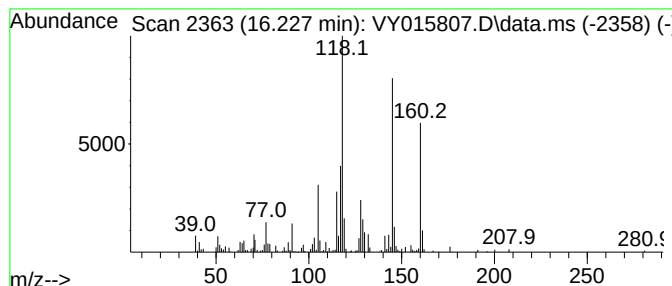
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	9.99 ug/l	116506	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
4			Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	64
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015807.D
Acq On : 03 Oct 2023 15:44
Operator : SY/MD
Sample : 04685-08
Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

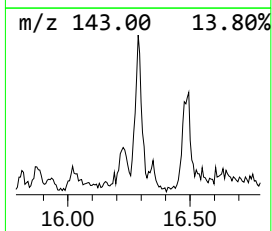
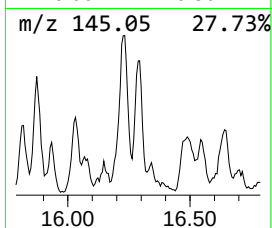
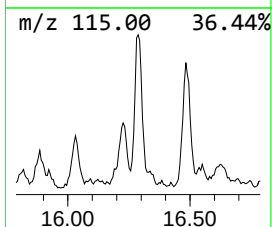
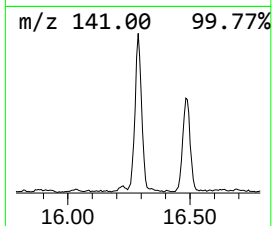
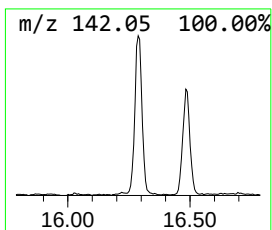
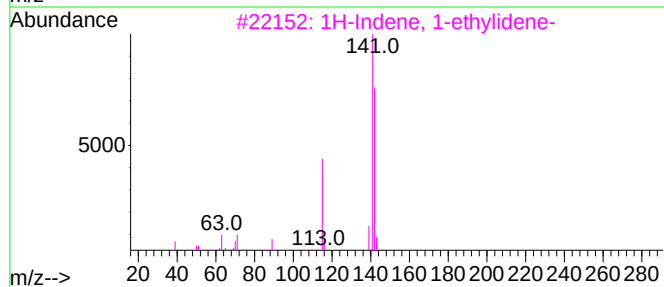
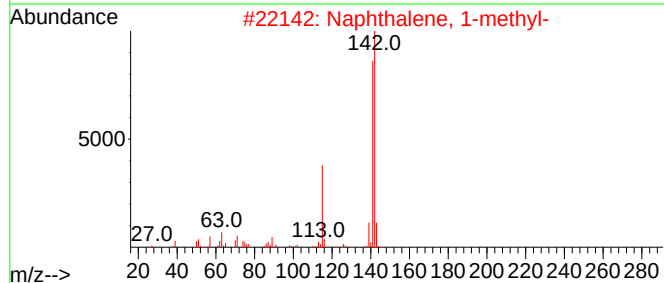
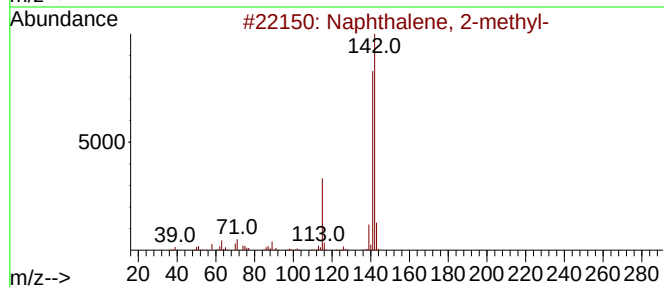
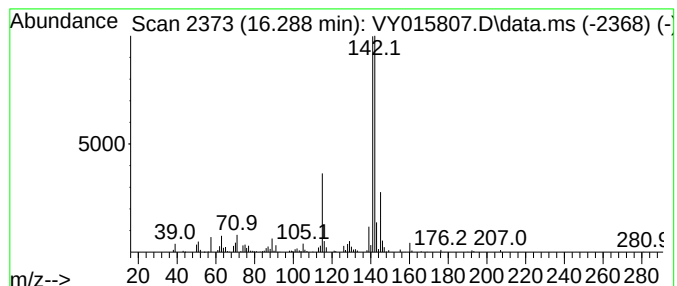
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.288	12.69 ug/l	147923	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	95
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			Benzocycloheptatriene	142	C11H10	000264-09-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015807.D
Acq On : 03 Oct 2023 15:44
Operator : SY/MD
Sample : 04685-08
Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

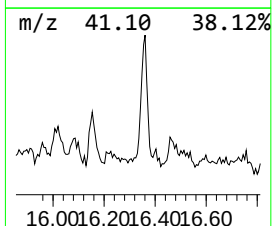
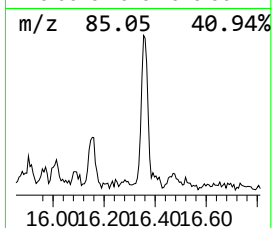
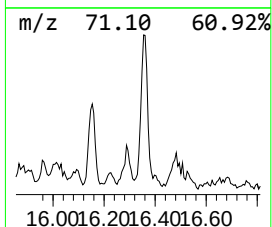
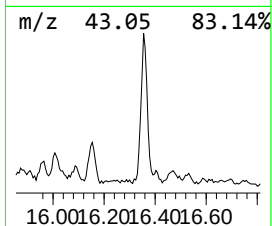
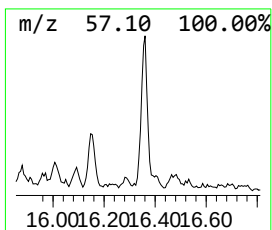
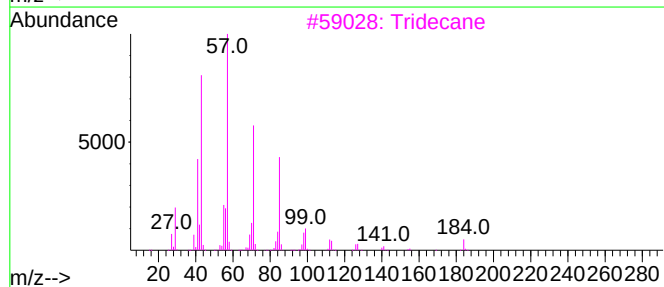
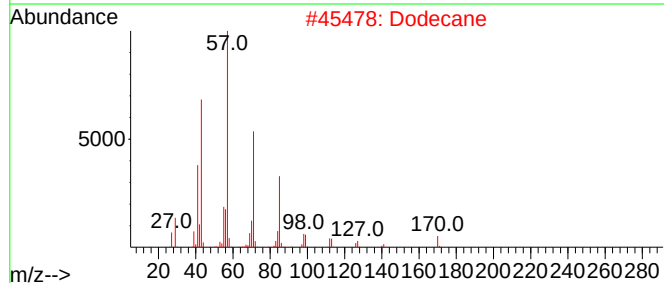
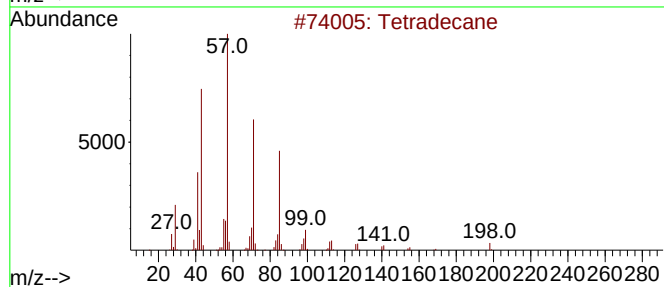
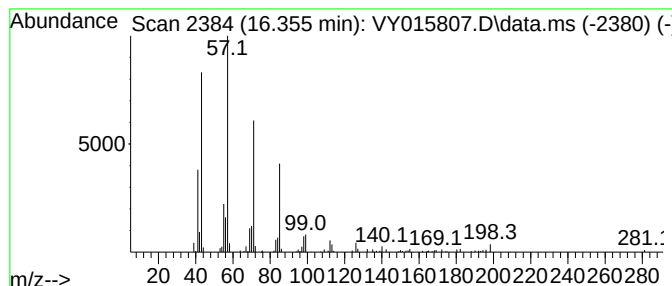
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.355	9.71 ug/l	113223	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Dodecane	170	C12H26	000112-40-3	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Pentadecane	212	C15H32	000629-62-9	80
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015807.D
Acq On : 03 Oct 2023 15:44
Operator : SY/MD
Sample : 04685-08
Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

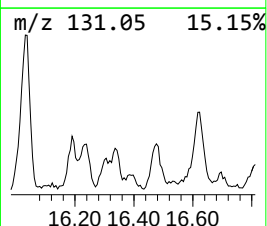
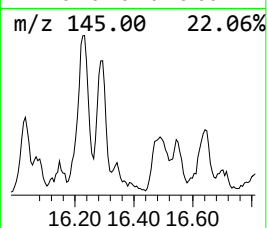
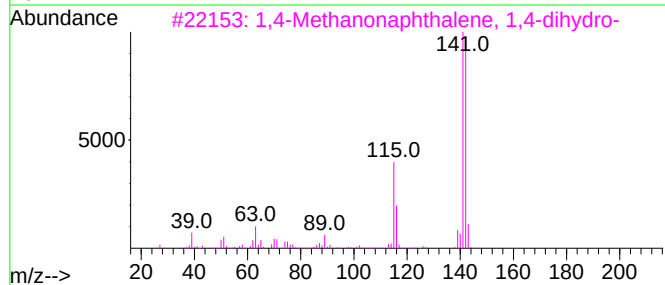
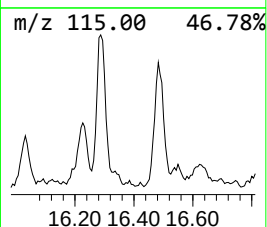
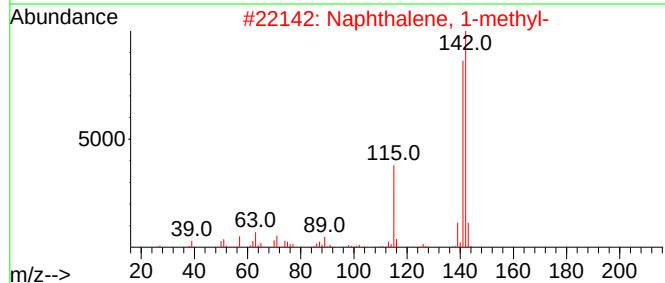
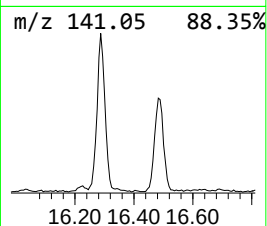
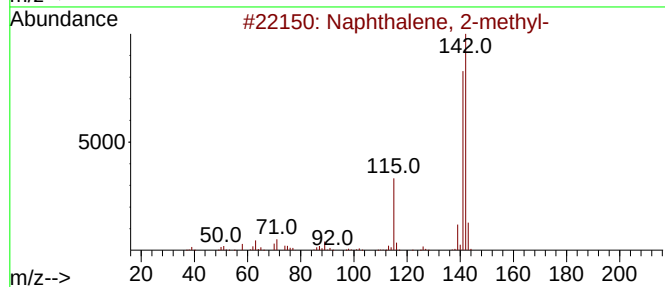
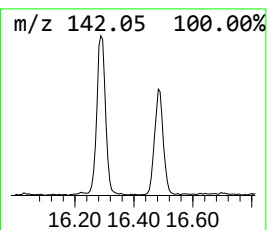
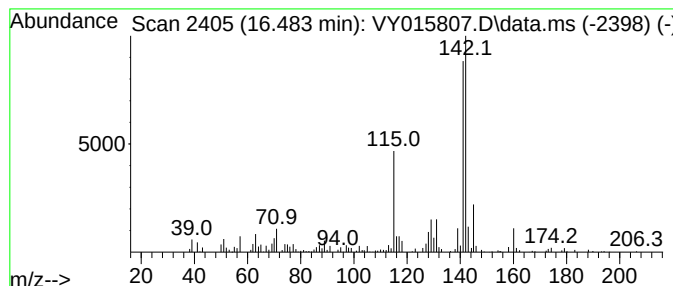
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	15.52 ug/l	180921	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
4			Benzocycloheptatriene	142	C11H10	000264-09-5	89
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015807.D
Acq On : 03 Oct 2023 15:44
Operator : SY/MD
Sample : 04685-08
Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown14.678	14.678	9.7	ug/l	112908	4	13.422	582883	50.0
Tridecane	15.434	10.4	ug/l	120663	4	13.422	582883	50.0
Naphthalene, 1,...	15.727	9.7	ug/l	112517	4	13.422	582883	50.0
Benzene, 2-ethe...	15.885	9.6	ug/l	112305	4	13.422	582883	50.0
Naphthalene, 1,...	16.032	10.9	ug/l	126835	4	13.422	582883	50.0
Naphthalene, 1,...	16.227	10.0	ug/l	116506	4	13.422	582883	50.0
Naphthalene, 2-...	16.288	12.7	ug/l	147923	4	13.422	582883	50.0
Tetradecane	16.355	9.7	ug/l	113223	4	13.422	582883	50.0
Naphthalene, 1-...	16.483	15.5	ug/l	180921	4	13.422	582883	50.0