

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016195.D
 Acq On : 02 Nov 2023 17:08
 Operator : SY/MD
 Sample : 05220-07
 Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-2(125FT)(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\82Y103123S.M

Title : SW846 8260

Signal : TIC: VY016195.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.735	468	478	491	rBV2	15612	48148	1.50%	0.202%
2	7.734	961	970	976	rBV	81128	192107	6.00%	0.805%
3	7.807	976	982	993	rVB	148498	330322	10.32%	1.385%
4	8.161	1030	1040	1051	rBV2	97686	246511	7.70%	1.034%
5	8.703	1121	1129	1142	rBV	231266	455673	14.23%	1.911%
6	10.191	1364	1373	1380	rBV	359767	632288	19.75%	2.651%
7	10.258	1380	1384	1391	rVB	19877	34327	1.07%	0.144%
8	11.502	1580	1588	1595	rBV	349682	573578	17.92%	2.405%
9	11.605	1598	1605	1612	rVV	305096	481520	15.04%	2.019%
10	11.715	1614	1623	1630	rVV2	52263	97958	3.06%	0.411%
11	12.038	1670	1676	1687	rVB	219993	353198	11.03%	1.481%
12	12.343	1716	1726	1731	rBV2	138370	239698	7.49%	1.005%
13	12.410	1731	1737	1741	rVV8	14260	40678	1.27%	0.171%
14	12.489	1744	1750	1764	rVB	300065	525569	16.42%	2.204%
15	12.678	1775	1781	1787	rBV	96356	146608	4.58%	0.615%
16	12.776	1787	1797	1801	rBV	140202	253240	7.91%	1.062%
17	12.819	1801	1804	1811	rVB	113364	169209	5.29%	0.709%
18	12.983	1822	1831	1845	rVB	437341	829439	25.91%	3.478%
19	13.129	1846	1855	1860	rVV	261405	417940	13.05%	1.752%
20	13.178	1860	1863	1868	rVB	45144	65015	2.03%	0.273%
21	13.245	1868	1874	1881	rBV6	23290	50066	1.56%	0.210%
22	13.325	1882	1887	1891	rBV	36320	60704	1.90%	0.255%
23	13.379	1891	1896	1900	rVV2	83894	130301	4.07%	0.546%
24	13.434	1900	1905	1907	rVV	365375	557429	17.41%	2.337%
25	13.465	1907	1910	1914	rVV	551133	800546	25.00%	3.357%
26	13.507	1914	1917	1925	rVB	73781	105889	3.31%	0.444%
27	13.599	1925	1932	1934	rBV	128728	198643	6.20%	0.833%
28	13.635	1934	1938	1942	rVV	613447	979446	30.59%	4.107%
29	13.672	1942	1944	1952	rVV2	188113	333298	10.41%	1.397%
30	13.757	1956	1958	1962	rVV3	29781	41552	1.30%	0.174%
31	13.818	1962	1968	1975	rVV2	144423	252583	7.89%	1.059%
32	13.898	1975	1981	1983	rVV	96542	170205	5.32%	0.714%
33	13.922	1983	1985	1989	rVV2	104524	126180	3.94%	0.529%
34	13.977	1989	1994	1999	rVV	340738	529647	16.54%	2.221%
35	14.032	1999	2003	2006	rVV4	19233	38393	1.20%	0.161%
36	14.087	2006	2012	2015	rVV2	142705	255172	7.97%	1.070%

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Peak Location: TOP

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37	14.117	2015	2017	2023	rVV2	91305	143005	4.47%	0.600%
38	14.221	2029	2034	2038	rVV	101787	149794	4.68%	0.628%
39	14.306	2038	2048	2050	rVV2	141300	282682	8.83%	1.185%
40	14.343	2050	2054	2059	rVV	359626	568104	17.74%	2.382%
41	14.385	2059	2061	2066	rVV	75359	115028	3.59%	0.482%
42	14.446	2066	2071	2082	rVV3	93036	235840	7.37%	0.989%
43	14.574	2087	2092	2097	rVV	366850	568733	17.76%	2.385%
44	14.617	2097	2099	2104	rVB2	40513	55175	1.72%	0.231%
45	14.678	2104	2109	2116	rBV2	396333	706796	22.08%	2.964%
46	14.757	2116	2122	2130	rVV	566411	911131	28.46%	3.820%
47	14.836	2130	2135	2144	rVV	689894	1126025	35.17%	4.721%
48	14.952	2148	2154	2167	rVV4	127251	331226	10.35%	1.389%
49	15.062	2167	2172	2179	rVB2	64267	125002	3.90%	0.524%
50	15.172	2184	2190	2192	rBV2	46865	83697	2.61%	0.351%
51	15.245	2196	2202	2208	rVV	959786	1592894	49.75%	6.679%
52	15.342	2212	2218	2226	rVB2	187404	374664	11.70%	1.571%
53	15.531	2243	2249	2252	rVV2	50508	89467	2.79%	0.375%
54	15.574	2252	2256	2258	rVV2	45746	84417	2.64%	0.354%
55	15.599	2258	2260	2267	rVV3	52145	128187	4.00%	0.537%
56	15.672	2267	2272	2275	rVV2	70424	136255	4.26%	0.571%
57	15.720	2275	2280	2284	rVV	157141	319849	9.99%	1.341%
58	15.769	2284	2288	2293	rVV	121621	248282	7.75%	1.041%
59	15.842	2293	2300	2314	rVV3	187687	574615	17.95%	2.409%
60	15.958	2314	2319	2326	rVB3	32722	82030	2.56%	0.344%
61	16.044	2326	2333	2338	rBV4	24726	56820	1.77%	0.238%
62	16.117	2338	2345	2356	rVV	55624	136208	4.25%	0.571%
63	16.239	2357	2365	2370	rVV	114950	234696	7.33%	0.984%
64	16.300	2370	2375	2389	rVB	168779	380585	11.89%	1.596%
65	16.422	2389	2395	2400	rBV2	20629	44100	1.38%	0.185%
66	16.501	2400	2408	2418	rVV	1540327	3201588	100.00%	13.424%

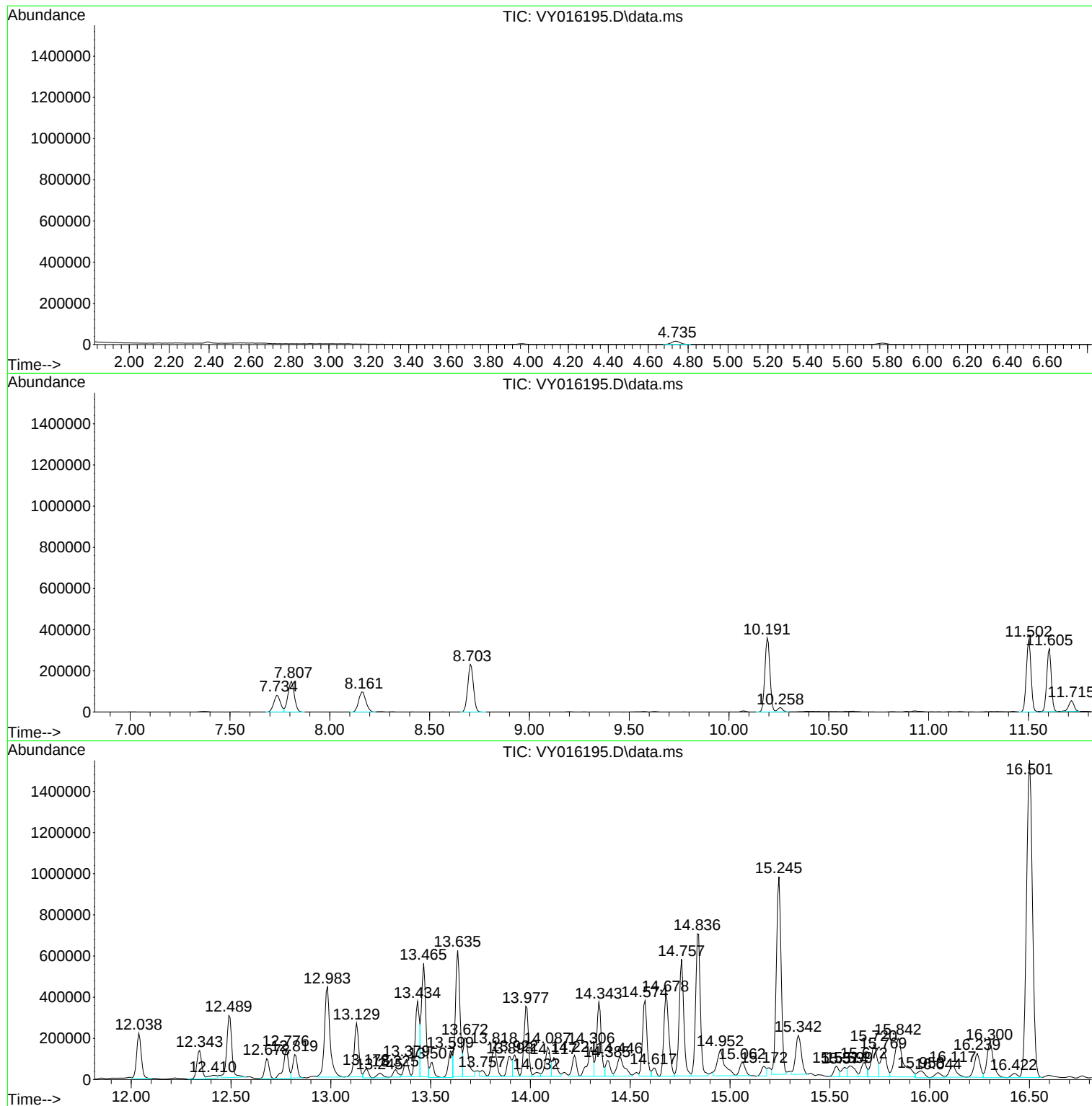
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L-2(125FT)(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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



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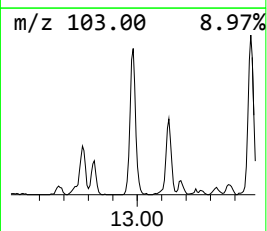
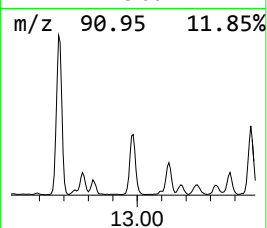
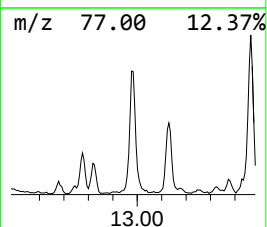
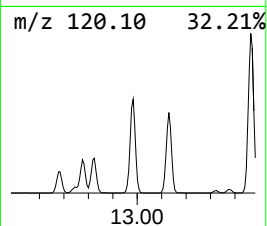
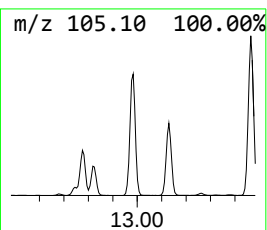
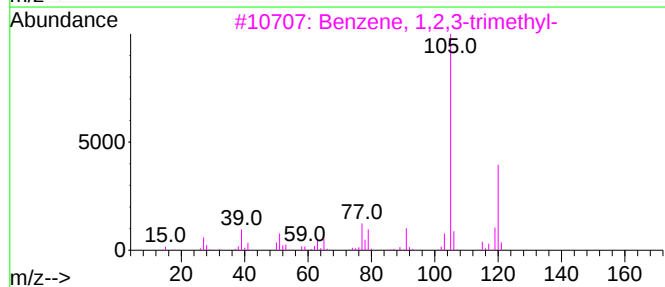
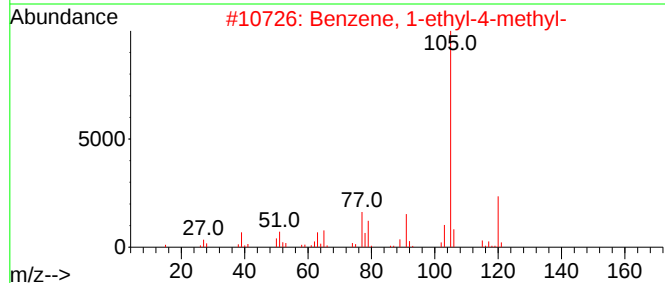
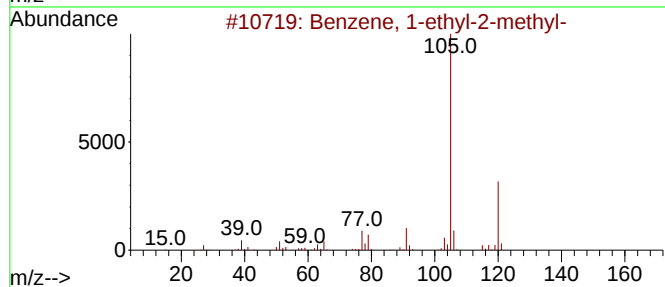
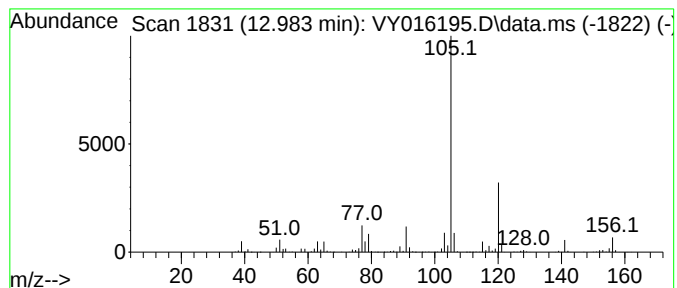
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	74.40 ug/l	829439	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5			Mesitylene	120	C9H12	000108-67-8	87



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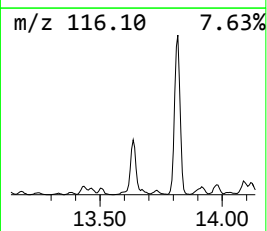
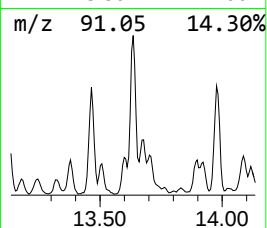
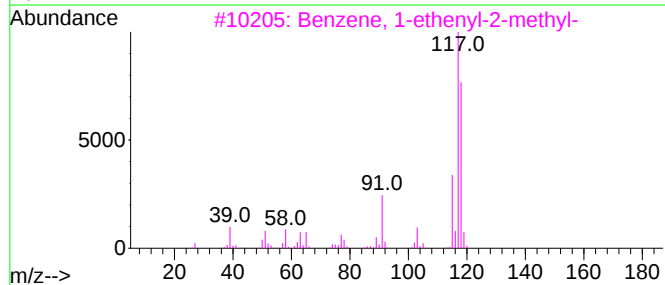
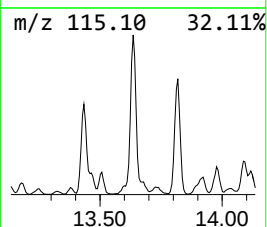
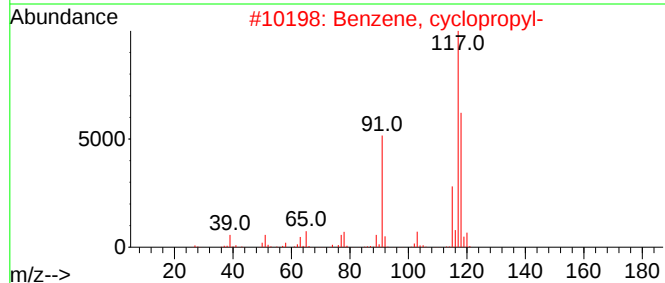
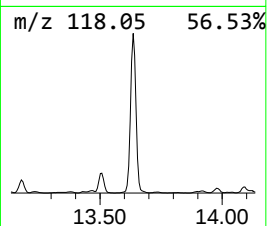
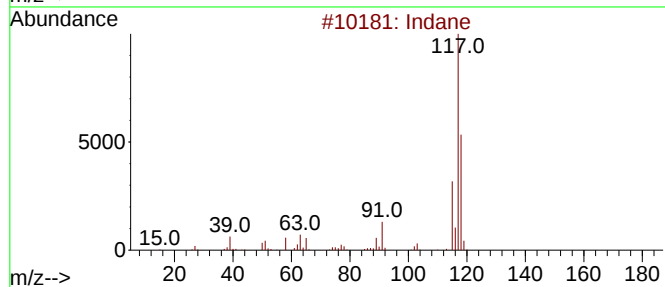
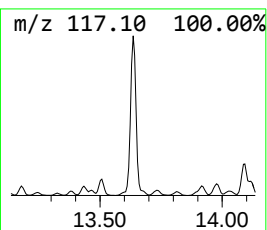
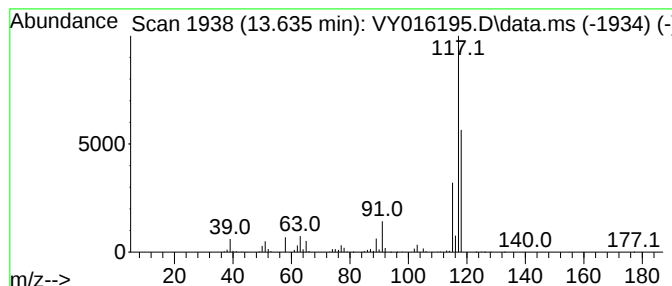
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.636	87.85 ug/l	979446	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



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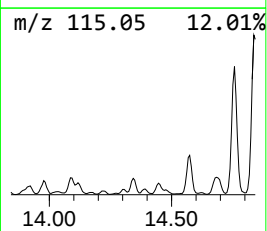
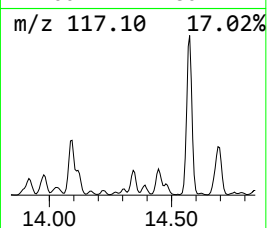
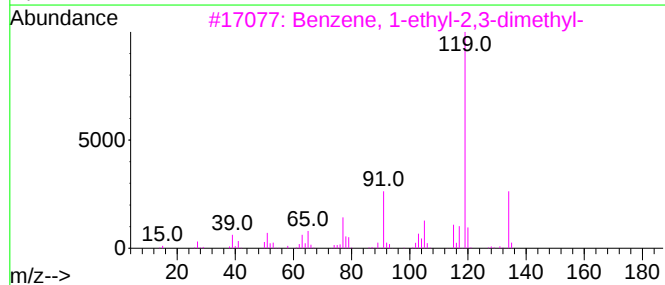
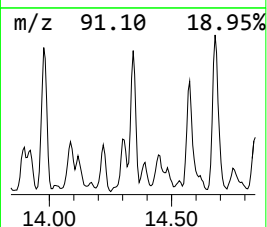
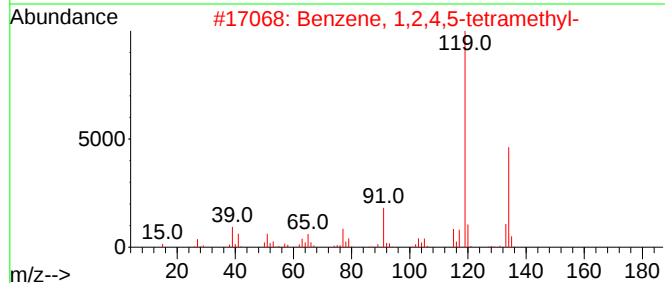
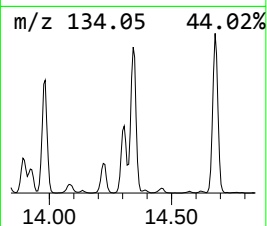
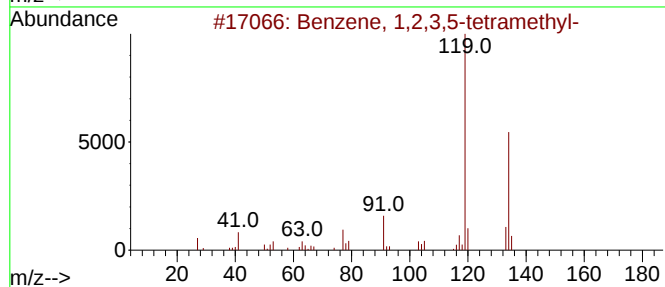
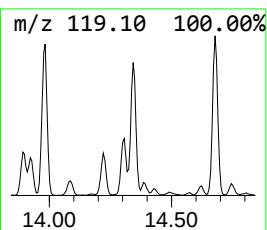
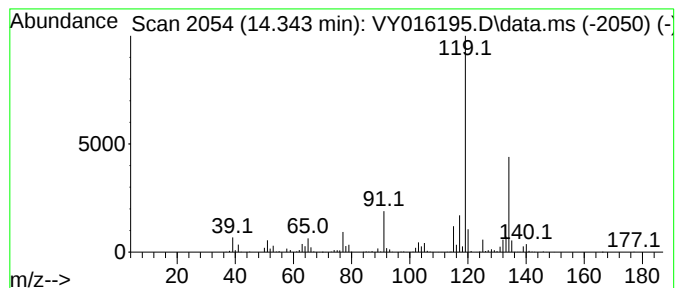
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.343	50.96 ug/l	568104	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			p-Cymene	134	C10H14	000099-87-6	87
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



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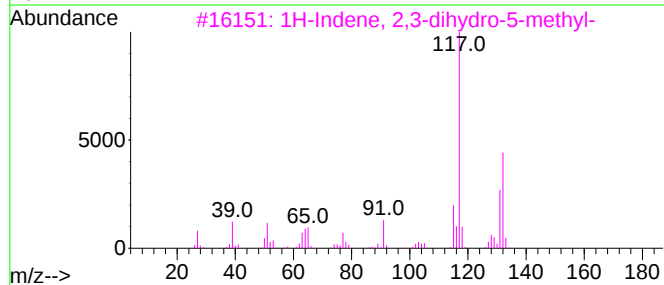
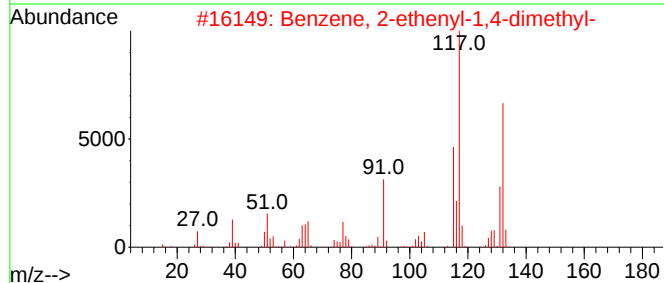
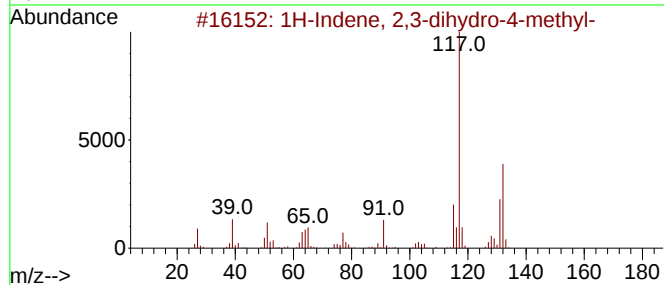
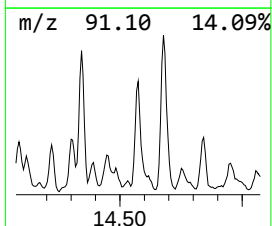
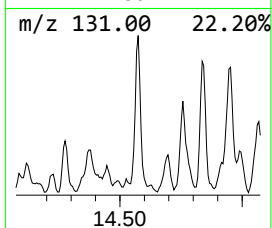
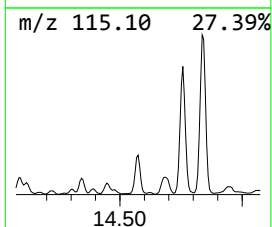
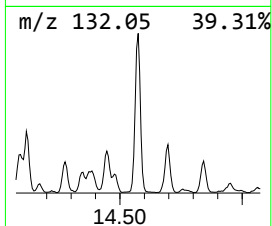
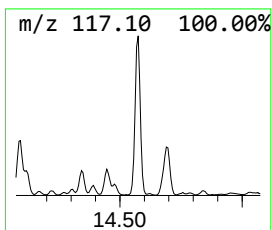
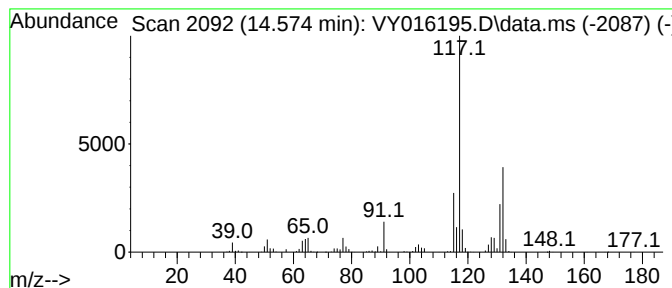
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	51.01 ug/l	568733	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016195.D
Acq On : 02 Nov 2023 17:08
Operator : SY/MD
Sample : 05220-07
Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-2(125FT)(0-5)

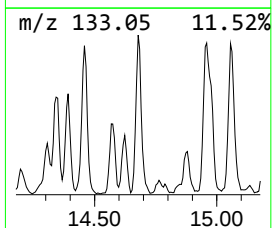
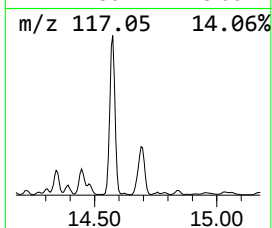
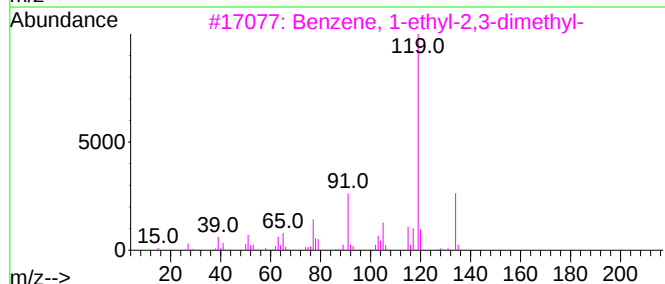
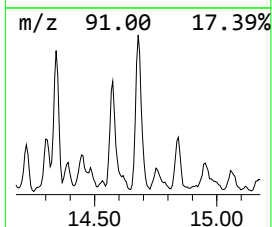
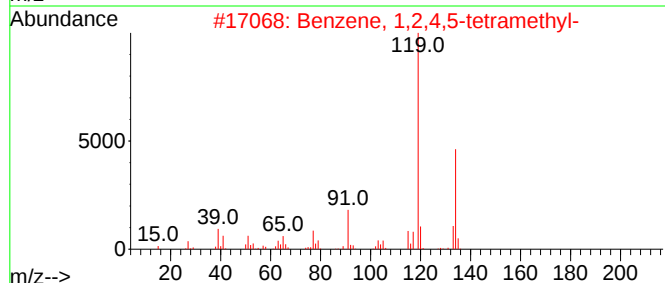
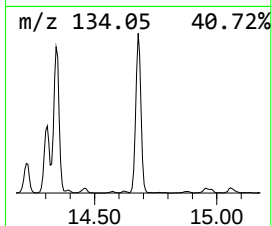
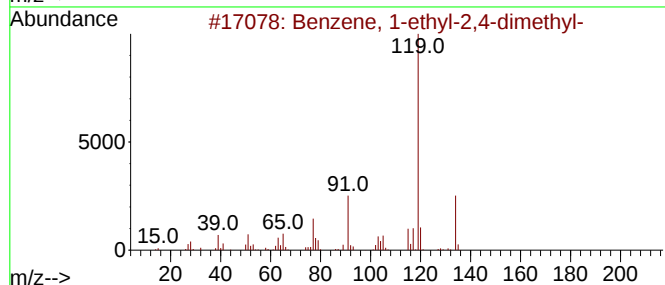
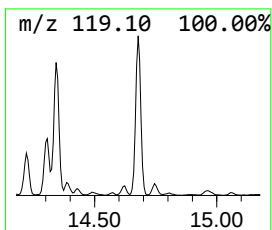
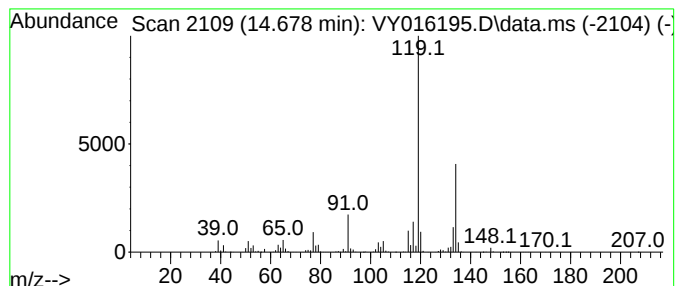
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	63.40 ug/l	706796	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016195.D
Acq On : 02 Nov 2023 17:08
Operator : SY/MD
Sample : 05220-07
Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-2(125FT)(0-5)

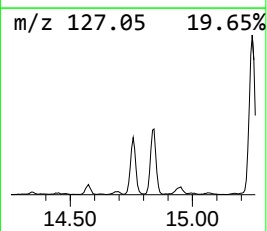
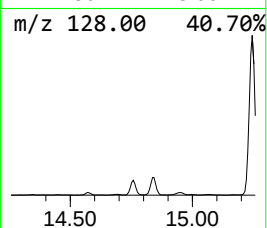
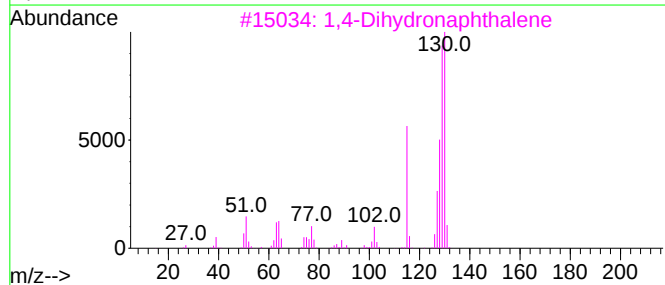
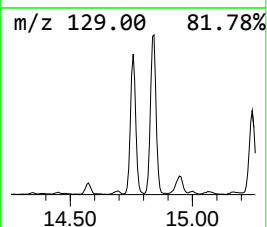
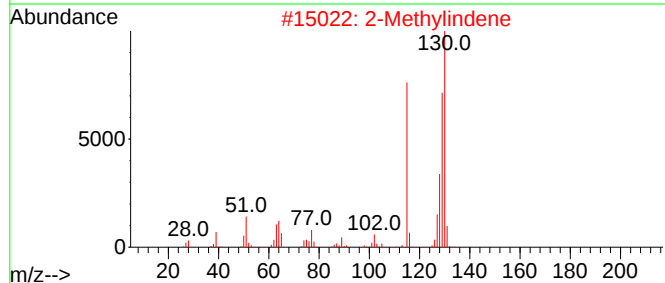
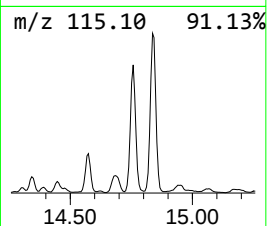
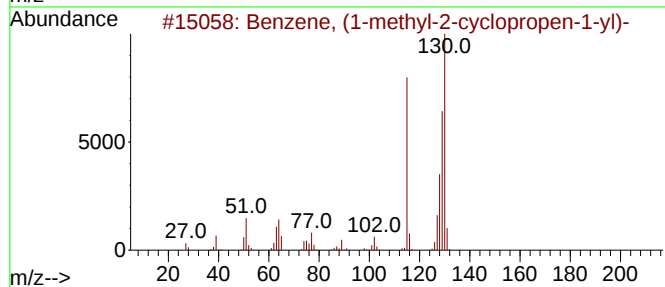
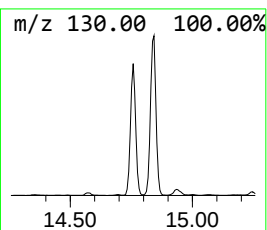
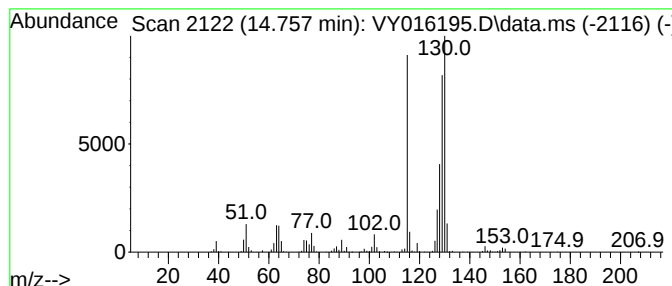
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methyl-2-cyclop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	81.73 ug/l	911131	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2			2-Methylindene	130	C10H10	002177-47-1	97
3			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016195.D
Acq On : 02 Nov 2023 17:08
Operator : SY/MD
Sample : 05220-07
Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-2(125FT)(0-5)

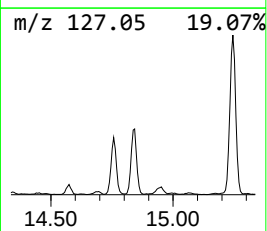
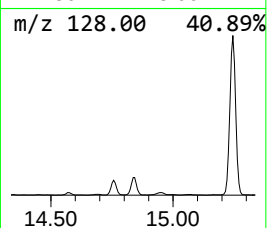
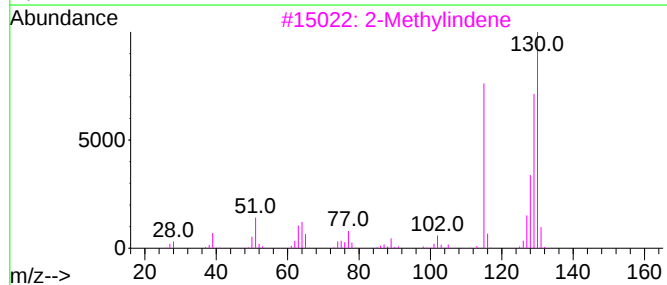
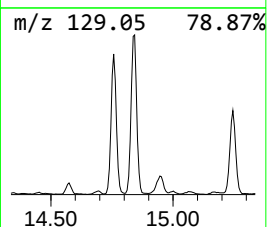
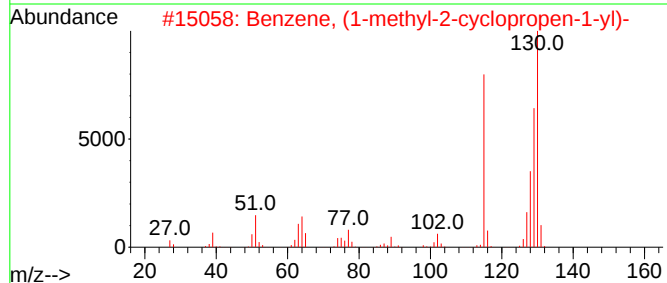
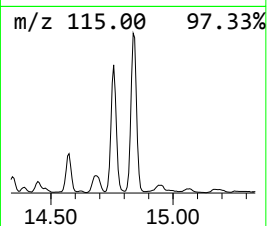
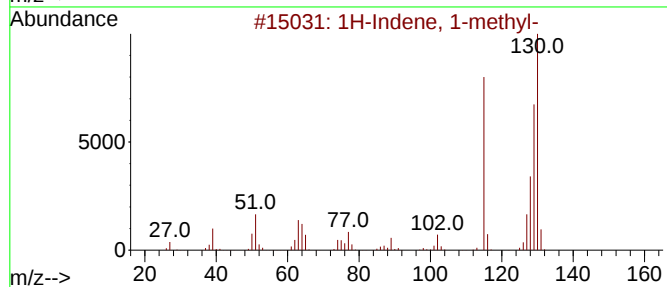
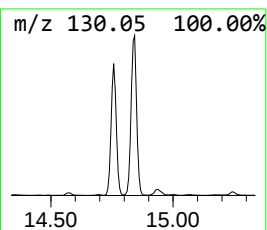
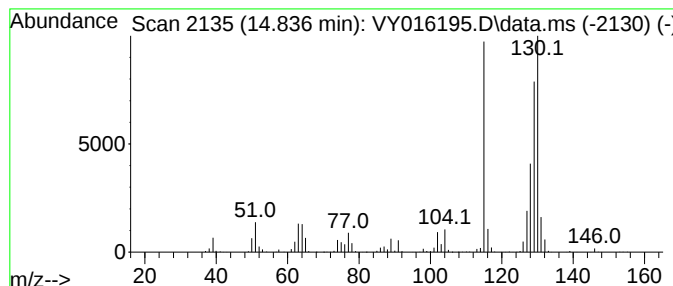
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	101.00 ug/l	1126030	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-			130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen-1-yl)-			130	C10H10	065051-83-4	96
3	2-Methylindene			130	C10H10	002177-47-1	95
4	1,4-Dihydronaphthalene			130	C10H10	000612-17-9	95
5	Benzene, 1-butynyl-			130	C10H10	000622-76-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016195.D
Acq On : 02 Nov 2023 17:08
Operator : SY/MD
Sample : 05220-07
Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-2(125FT)(0-5)

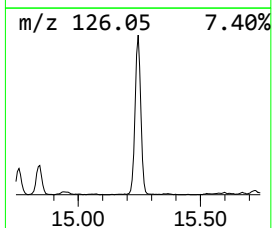
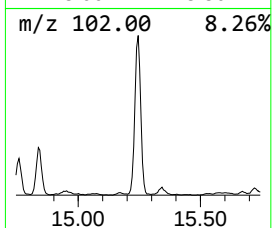
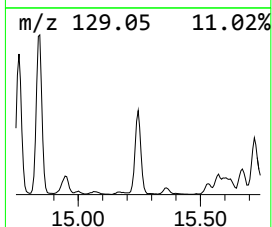
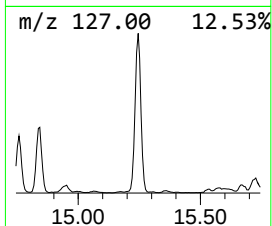
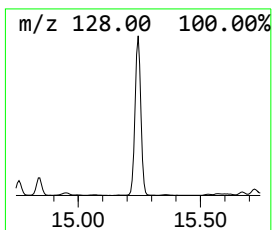
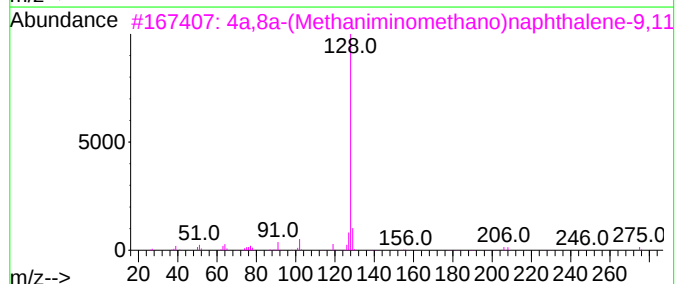
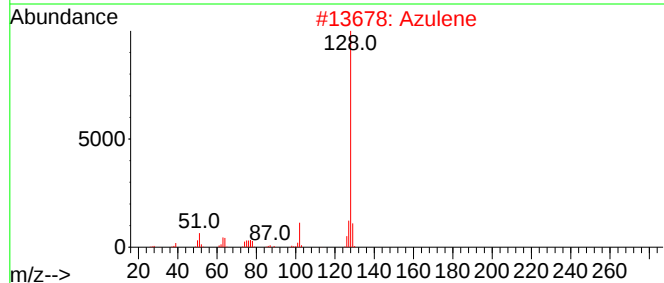
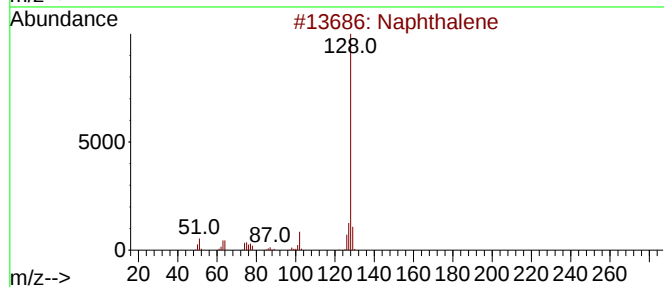
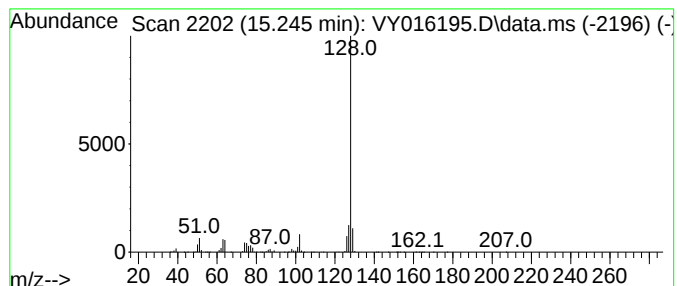
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Quant Title : SW846 8260

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

Peak Number 8 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	142.88 ug/l	1592890	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	93
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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016195.D
Acq On : 02 Nov 2023 17:08
Operator : SY/MD
Sample : 05220-07
Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-2(125FT)(0-5)

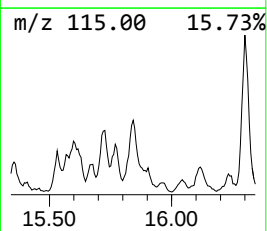
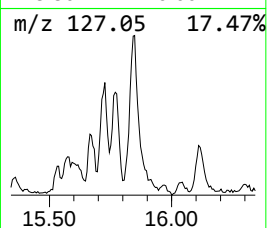
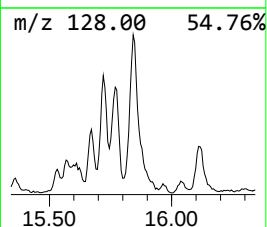
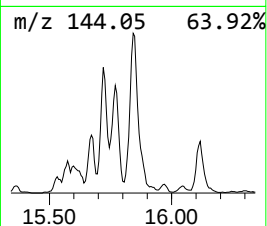
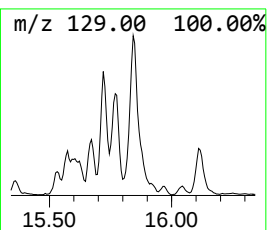
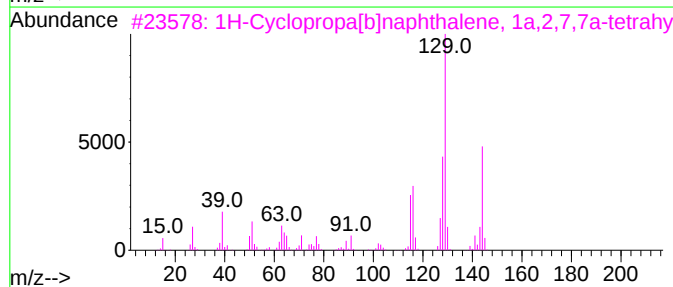
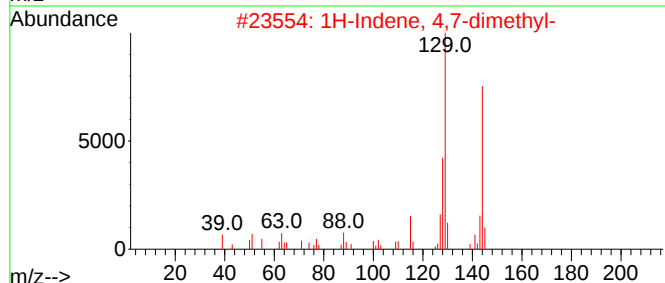
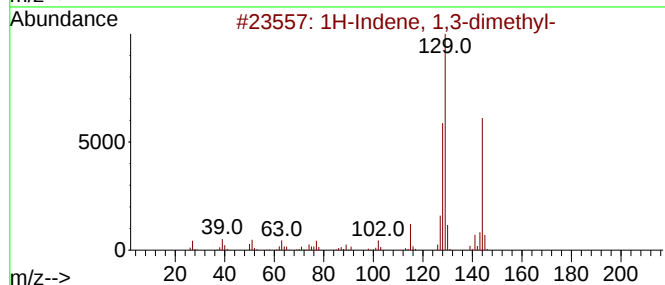
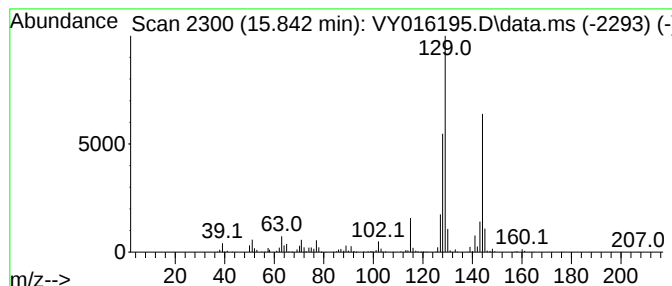
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Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	51.54 ug/l	574615	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	97
2			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3			1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	91
4			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
5			(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016195.D
Acq On : 02 Nov 2023 17:08
Operator : SY/MD
Sample : 05220-07
Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-2(125FT)(0-5)

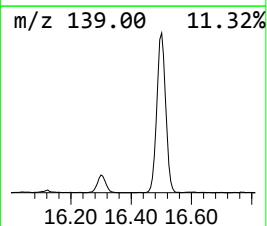
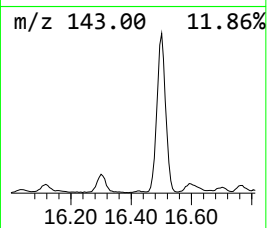
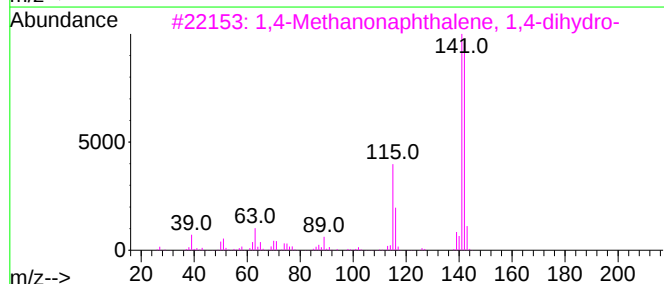
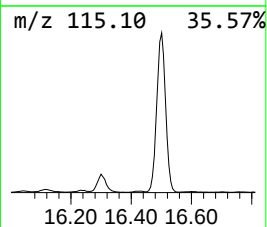
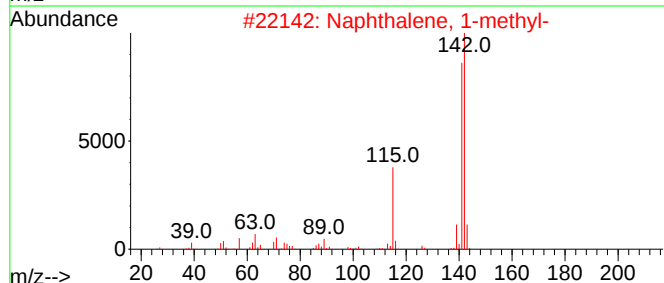
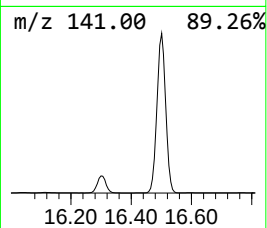
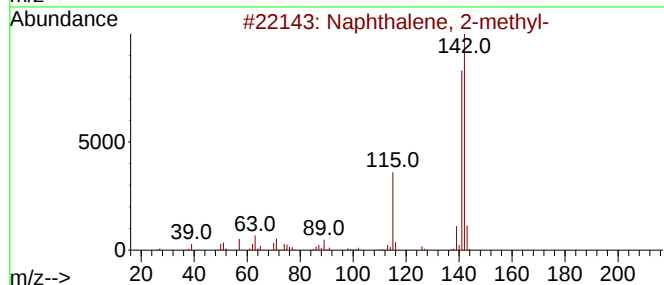
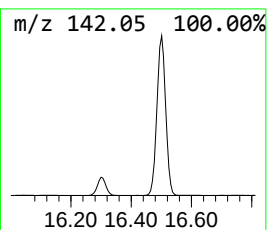
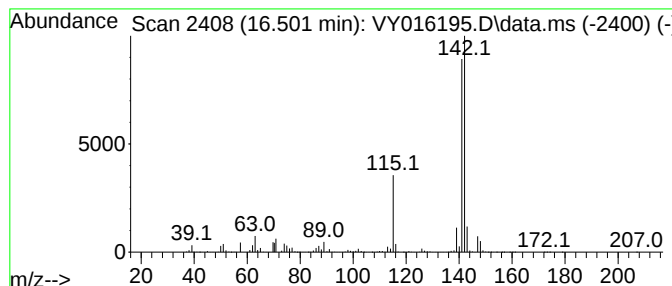
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	287.18 ug/l	3201590	1,4-Dichlorobenzene-d4	13.434

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	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016195.D
Acq On : 02 Nov 2023 17:08
Operator : SY/MD
Sample : 05220-07
Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-2(125FT)(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.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
Benzene, 1-ethy...	12.983	74.4	ug/l	829439	4	13.434	557429	50.0
Indane	13.636	87.8	ug/l	979446	4	13.434	557429	50.0
Benzene, 1,2,3,...	14.343	51.0	ug/l	568104	4	13.434	557429	50.0
1H-Indene, 2,3-...	14.574	51.0	ug/l	568733	4	13.434	557429	50.0
Benzene, 1-ethy...	14.678	63.4	ug/l	706796	4	13.434	557429	50.0
Benzene, (1-met...	14.757	81.7	ug/l	911131	4	13.434	557429	50.0
1H-Indene, 1-me...	14.836	101.0	ug/l	1126030	4	13.434	557429	50.0
Azulene	15.245	142.9	ug/l	1592890	4	13.434	557429	50.0
1H-Indene, 1,3-...	15.842	51.5	ug/l	574615	4	13.434	557429	50.0
1,4-Methanonaph...	16.501	287.2	ug/l	3201590	4	13.434	557429	50.0