

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016045.D
 Acq On : 19 Oct 2023 18:20
 Operator : SY/MD
 Sample : 04938-17
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0-2(0-10)

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\82Y101823S.M

Title : SW846 8260

Signal : TIC: VY016045.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.179	1364	1371	1377	rBV	423276	783634	1.34%	0.222%
2	11.496	1578	1587	1592	rBV	537968	936108	1.61%	0.265%
3	11.599	1598	1604	1609	rBV	994387	1726298	2.96%	0.489%
4	11.660	1609	1614	1617	rVV	1679160	2578453	4.43%	0.731%
5	11.709	1617	1622	1633	rVB	1552299	3082003	5.29%	0.874%
6	12.032	1665	1675	1684	rBV	1216082	2307062	3.96%	0.654%
7	12.337	1715	1725	1729	rBV	1112164	2258901	3.88%	0.640%
8	12.404	1733	1736	1741	rVB2	487571	740345	1.27%	0.210%
9	12.483	1744	1749	1753	rBV2	444760	768311	1.32%	0.218%
10	12.672	1774	1780	1784	rVV	1060893	1729513	2.97%	0.490%
11	12.739	1784	1791	1792	rVV	3760942	5516021	9.47%	1.564%
12	12.764	1792	1795	1800	rVV2	6802737	11291821	19.38%	3.201%
13	12.819	1800	1804	1810	rVB	5360984	7949334	13.64%	2.254%
14	12.977	1822	1830	1839	rBV	2548653	5372498	9.22%	1.523%
15	13.123	1846	1854	1859	rBV	15039382	22373640	38.40%	6.343%
16	13.172	1859	1862	1867	rVB	1491707	2070400	3.55%	0.587%
17	13.233	1867	1872	1878	rBV5	694449	1620474	2.78%	0.459%
18	13.319	1882	1886	1891	rVV	866472	1315753	2.26%	0.373%
19	13.373	1891	1895	1901	rVB2	1146509	1757698	3.02%	0.498%
20	13.459	1901	1909	1913	rBV	5547445	8504973	14.60%	2.411%
21	13.501	1913	1916	1925	rVB	3013306	4330755	7.43%	1.228%
22	13.593	1925	1931	1933	rBV2	1729794	2812995	4.83%	0.798%
23	13.629	1933	1937	1940	rVV2	5029327	7517959	12.90%	2.131%
24	13.672	1940	1944	1949	rVV2	4952553	8670758	14.88%	2.458%
25	13.721	1949	1952	1956	rVV2	2143995	3201679	5.50%	0.908%
26	13.757	1956	1958	1962	rVB3	810336	940771	1.61%	0.267%
27	13.812	1962	1967	1975	rBV2	1899125	3629305	6.23%	1.029%
28	13.892	1975	1980	1981	rBV	2289387	2892599	4.96%	0.820%
29	13.916	1981	1984	1989	rVV	3252638	5242491	9.00%	1.486%
30	13.977	1989	1994	1998	rVB	5006233	7517527	12.90%	2.131%
31	14.032	1998	2003	2007	rVB	973311	1546489	2.65%	0.438%
32	14.081	2007	2011	2013	rBV3	1518112	2174829	3.73%	0.617%
33	14.117	2013	2017	2021	rVB2	2436307	3568177	6.12%	1.012%
34	14.166	2021	2025	2029	rVB3	934291	1421440	2.44%	0.403%
35	14.215	2029	2033	2038	rVB	1663939	2354117	4.04%	0.667%
36	14.270	2038	2042	2043	rBV3	539867	717739	1.23%	0.203%

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Integrator: RTE

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	14.300	2043	2047	2050	rBV	2833635	3765985	6.46%	1.068%
38	14.337	2050	2053	2058	rVV	7735460	10785094	18.51%	3.058%
39	14.385	2058	2061	2065	rVB	1819923	2285866	3.92%	0.648%
40	14.440	2065	2070	2074	rBV3	4100102	6611380	11.35%	1.874%
41	14.477	2074	2076	2080	rVB2	1332404	1530250	2.63%	0.434%
42	14.526	2080	2084	2087	rBV	642605	862466	1.48%	0.245%
43	14.568	2087	2091	2097	rBV2	2398603	5143271	8.83%	1.458%
44	14.617	2097	2099	2103	rVB	1268054	1569213	2.69%	0.445%
45	14.678	2103	2109	2116	rBV2	8446777	15116091	25.94%	4.286%
46	14.757	2116	2122	2130	rVB2	10934599	17918525	30.75%	5.080%
47	14.837	2130	2135	2143	rVB	11804374	18494987	31.74%	5.243%
48	14.946	2143	2153	2157	rBV5	1765389	5019677	8.62%	1.423%
49	15.056	2166	2171	2178	rBV2	1370898	2732996	4.69%	0.775%
50	15.166	2184	2189	2191	rBV	979436	1592994	2.73%	0.452%
51	15.245	2196	2202	2209	rVV2	28350400	58265213	100.00%	16.519%
52	15.343	2213	2218	2225	rVB3	1478874	2778316	4.77%	0.788%
53	15.532	2242	2249	2252	rBV3	608868	1256496	2.16%	0.356%
54	15.666	2267	2271	2275	rBV2	870075	1514005	2.60%	0.429%
55	15.721	2275	2280	2284	rVV2	1298137	2654254	4.56%	0.753%
56	15.763	2284	2287	2292	rVV	998709	1693626	2.91%	0.480%
57	15.836	2292	2299	2315	rVB3	1488877	4697580	8.06%	1.332%
58	16.111	2338	2344	2356	rVB	403991	991724	1.70%	0.281%
59	16.233	2356	2364	2368	rBV	489030	1043067	1.79%	0.296%
60	16.300	2368	2375	2388	rVB	13242442	26078201	44.76%	7.393%
61	16.495	2399	2407	2417	rVB	7454024	15100316	25.92%	4.281%

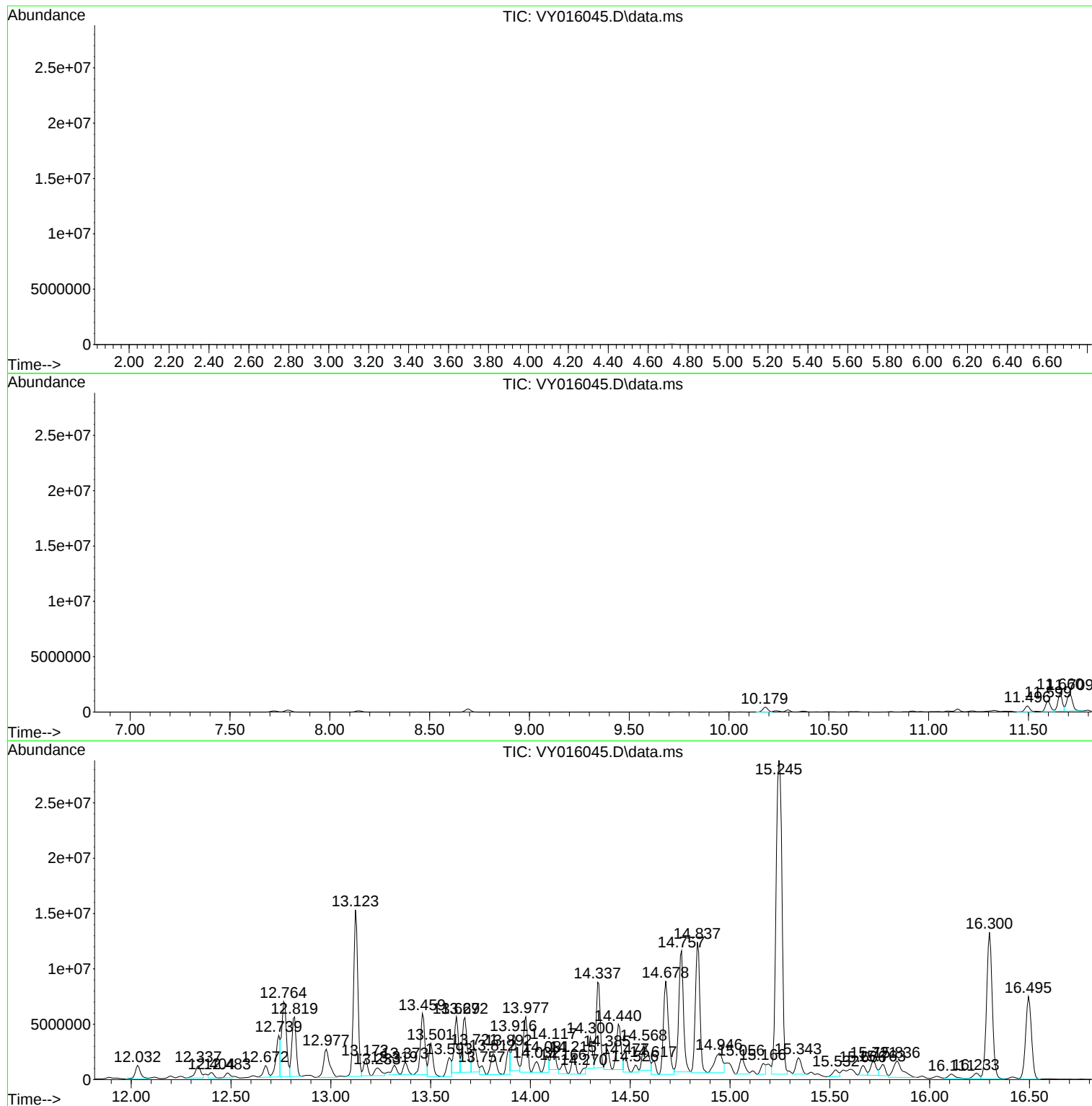
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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MSVOA_Y
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0-2(0-10)

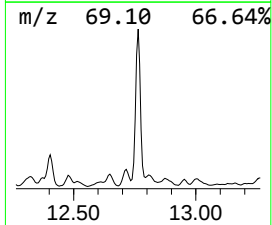
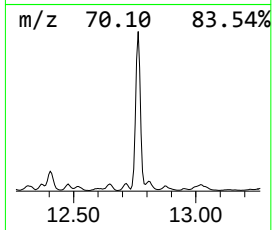
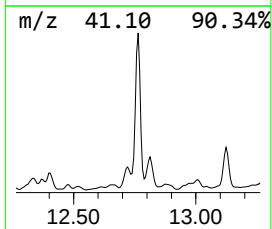
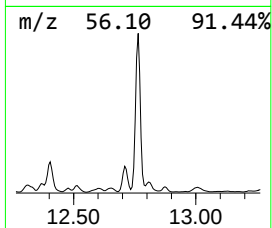
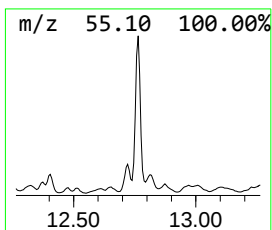
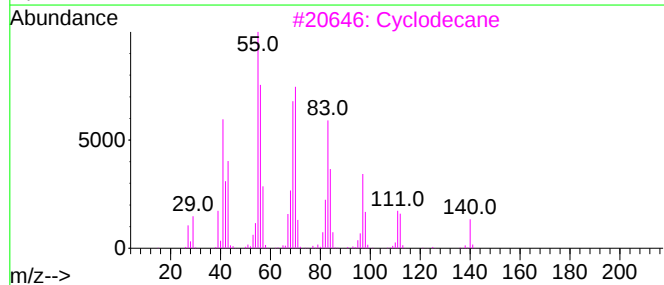
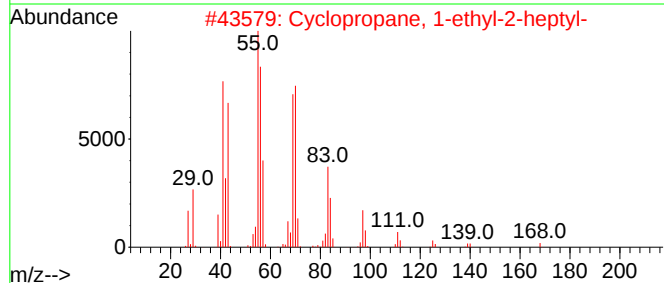
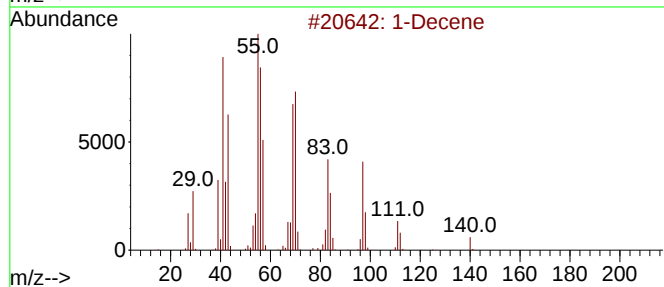
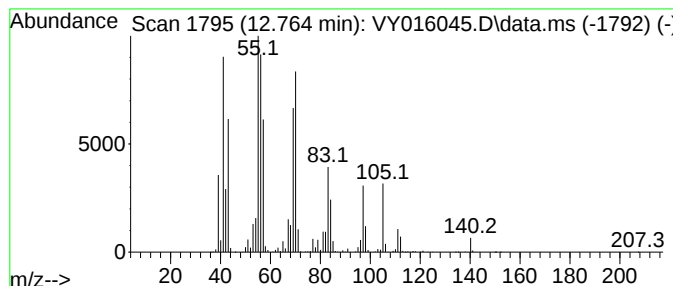
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Decene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.764	66.38 ug/l	11291800	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene	140	C10H20	000872-05-9	96
2			Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	86
3			Cyclodecane	140	C10H20	000293-96-9	81
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5			cis-3-Decene	140	C10H20	019398-86-8	64



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0-2(0-10)

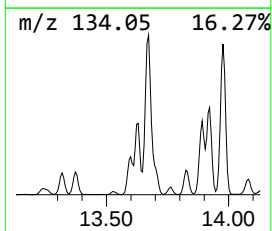
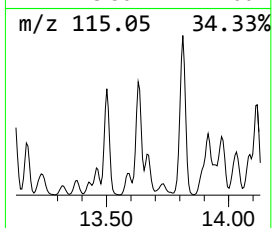
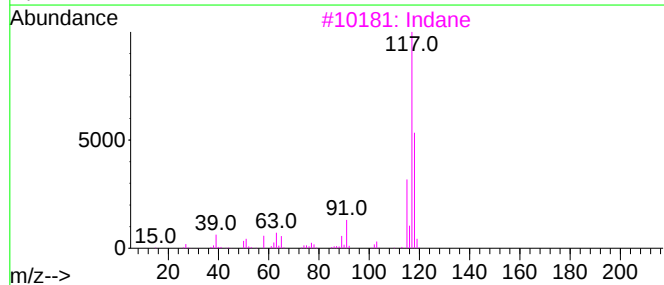
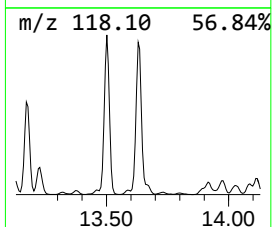
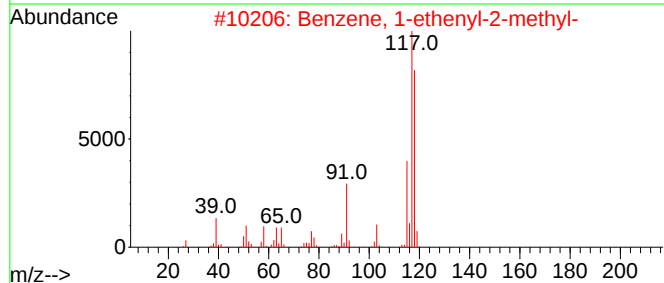
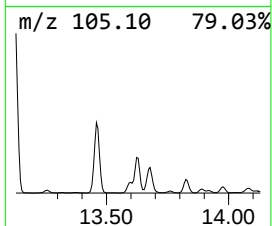
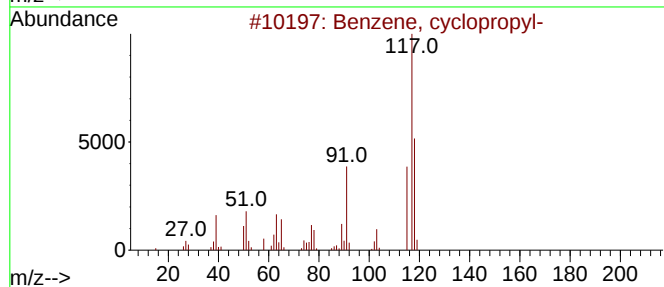
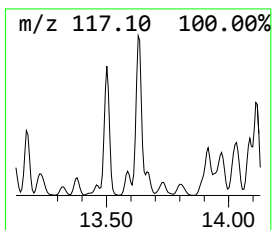
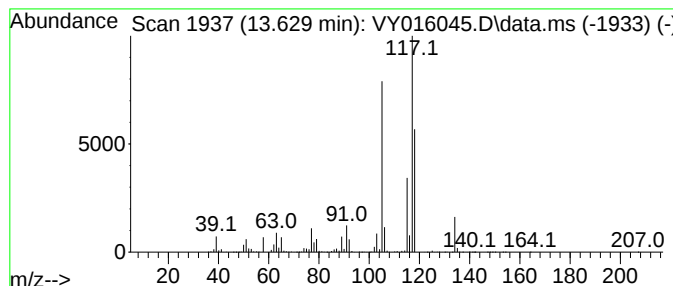
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, cyclopropyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	44.20 ug/l	7517960	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
3			Indane	118	C9H10	000496-11-7	64
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58



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Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

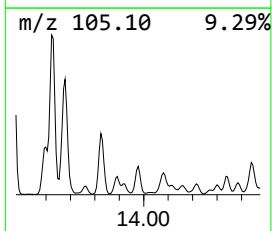
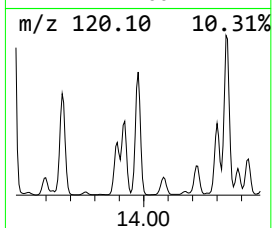
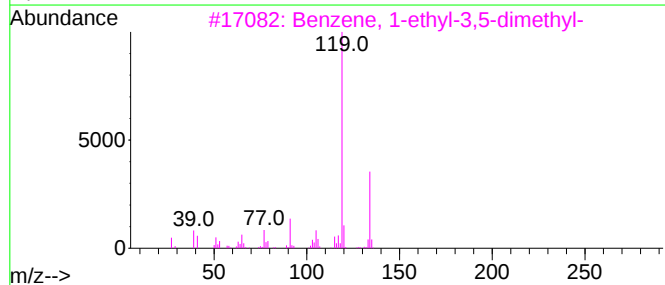
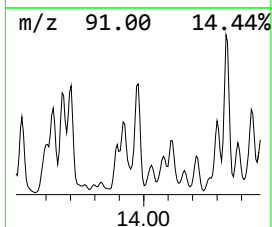
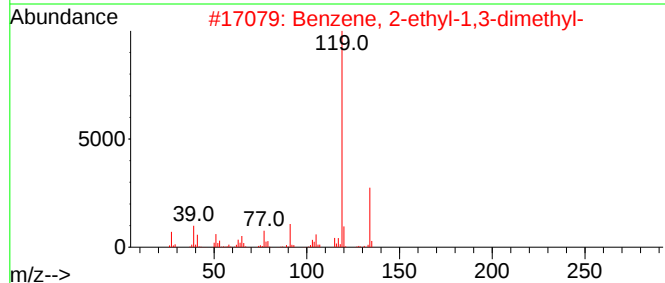
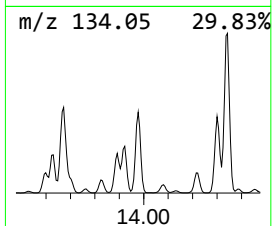
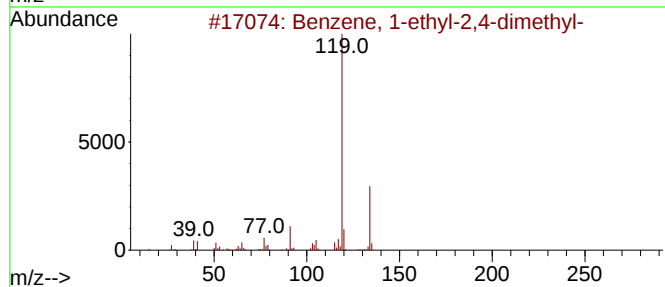
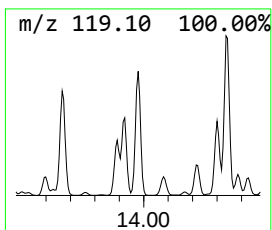
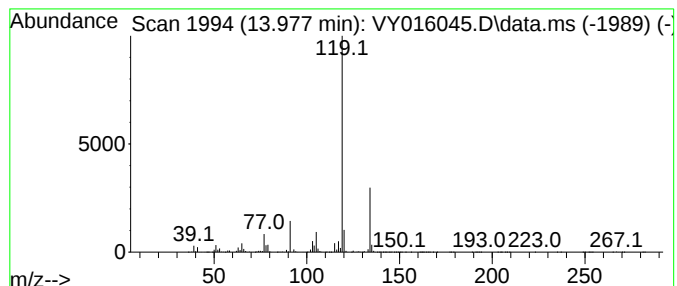
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	44.19 ug/l	7517530	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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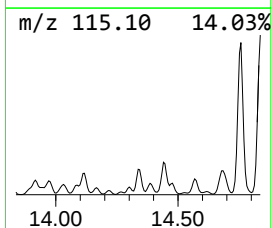
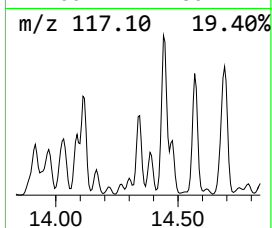
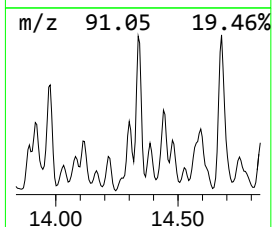
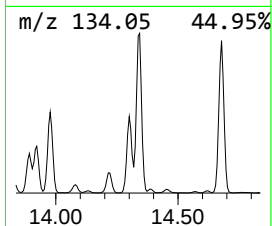
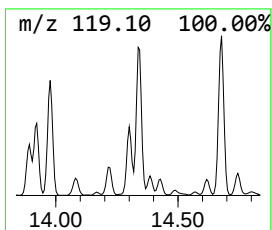
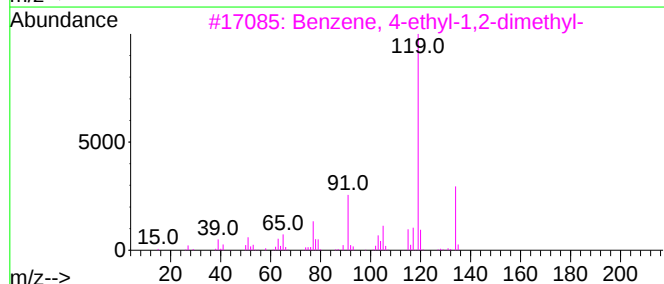
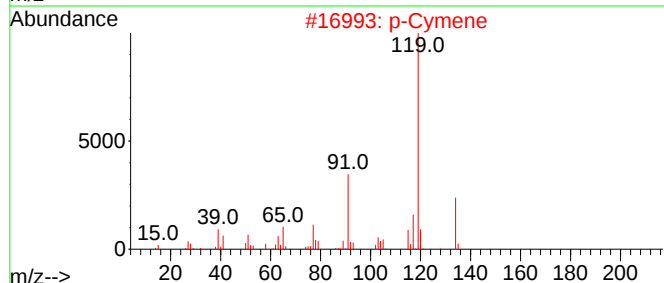
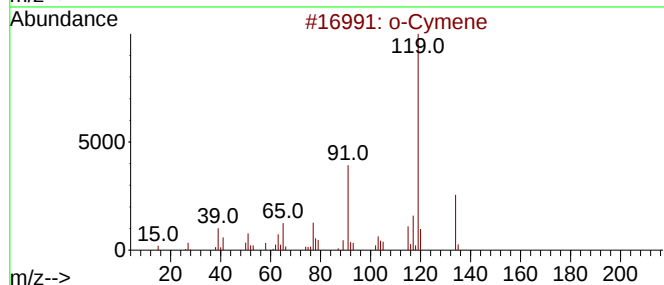
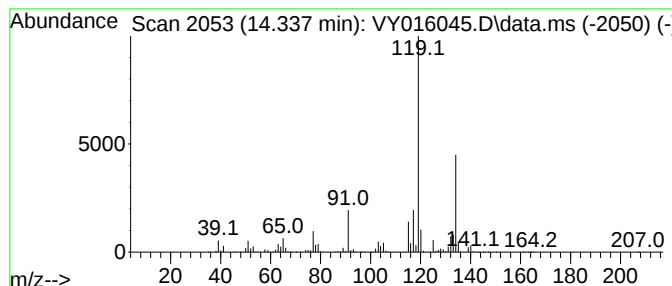
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.337	63.40 ug/l	10785100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	90
2			p-Cymene	134	C10H14	000099-87-6	90
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



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Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

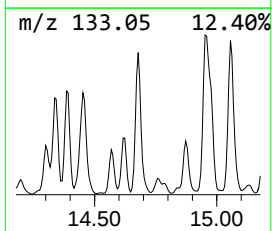
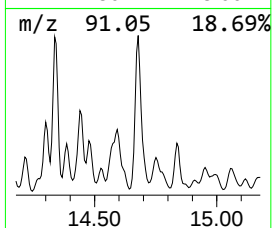
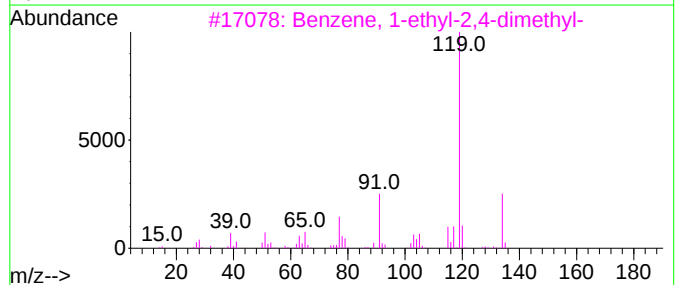
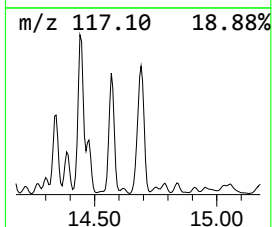
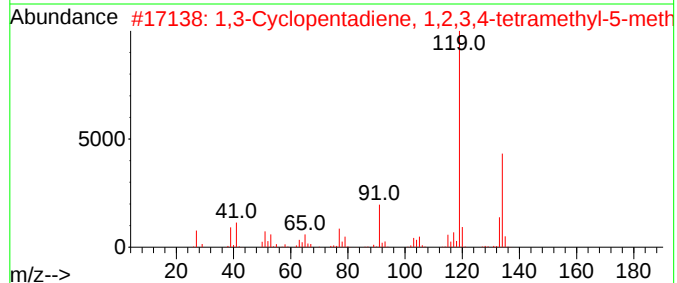
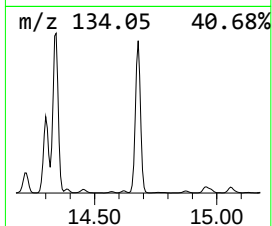
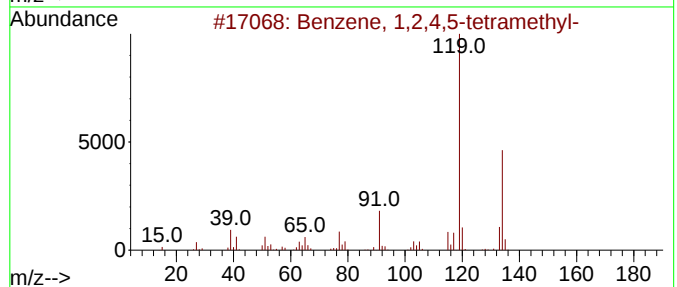
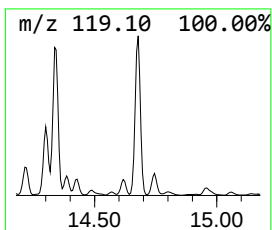
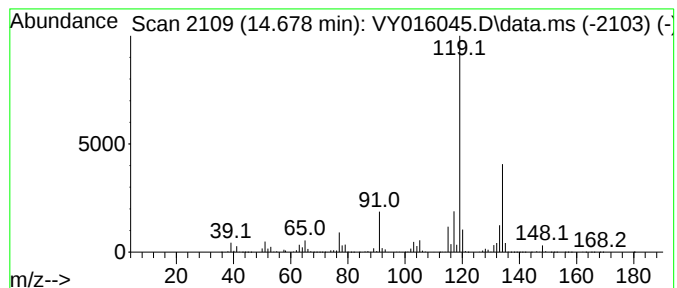
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	88.87 ug/l	15116100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016045.D
Acq On : 19 Oct 2023 18:20
Operator : SY/MD
Sample : 04938-17
Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

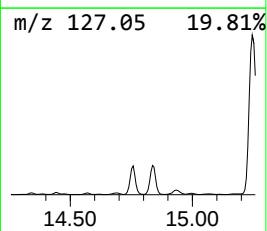
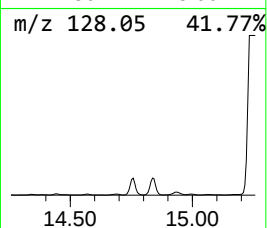
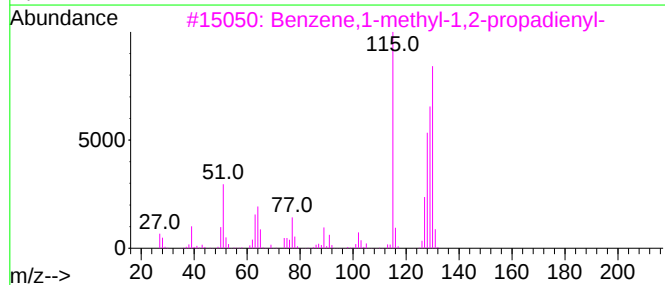
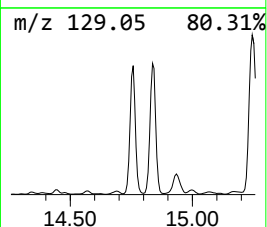
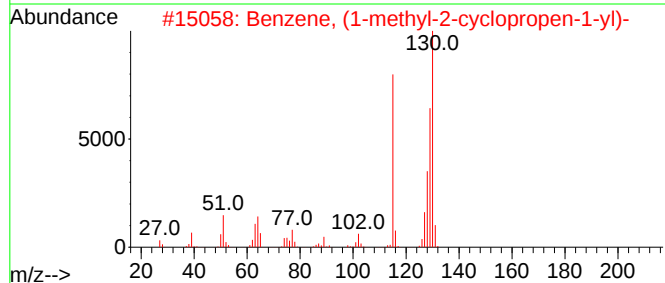
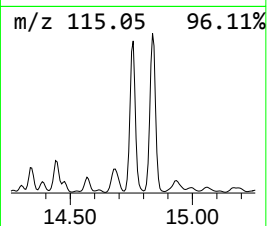
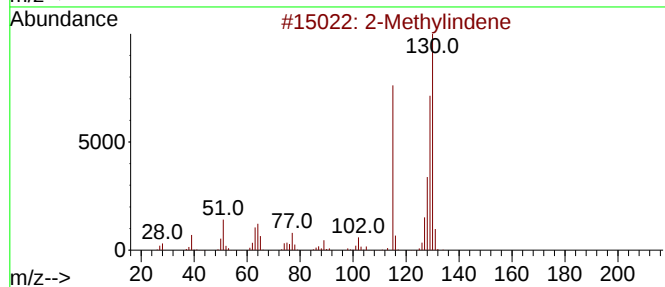
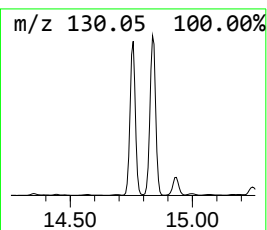
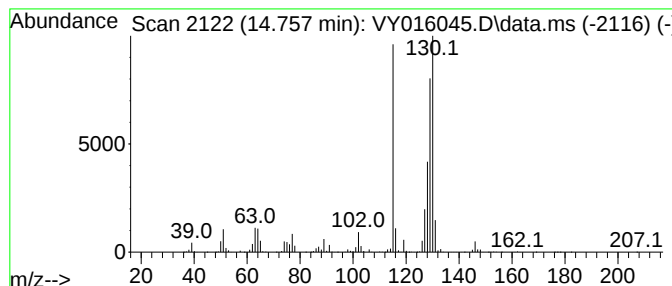
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Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	105.34 ug/l	17918500	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	95
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016045.D
Acq On : 19 Oct 2023 18:20
Operator : SY/MD
Sample : 04938-17
Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

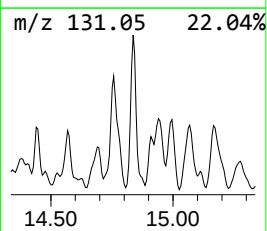
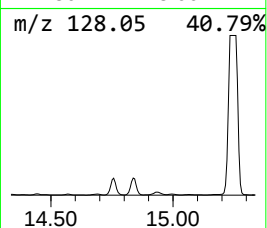
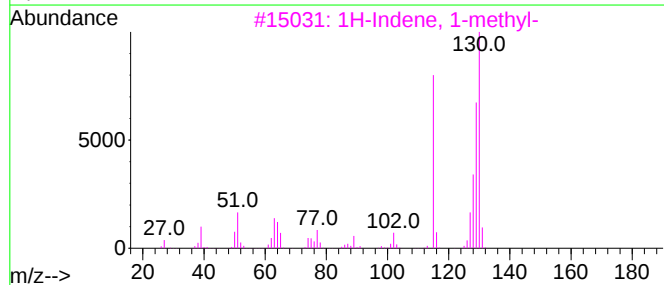
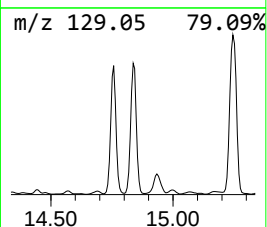
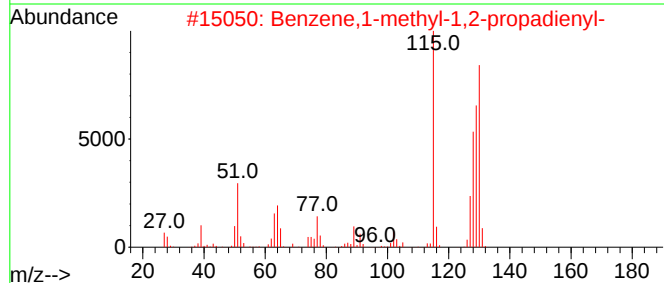
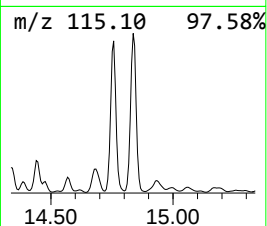
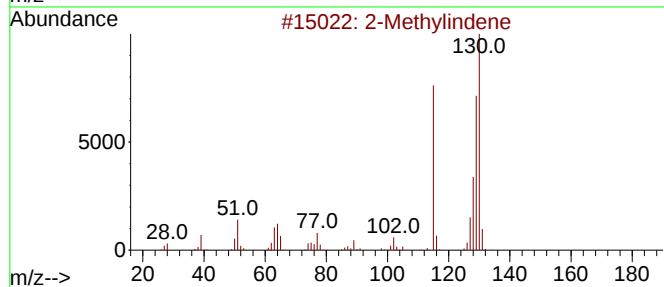
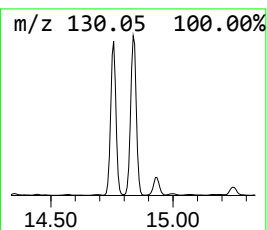
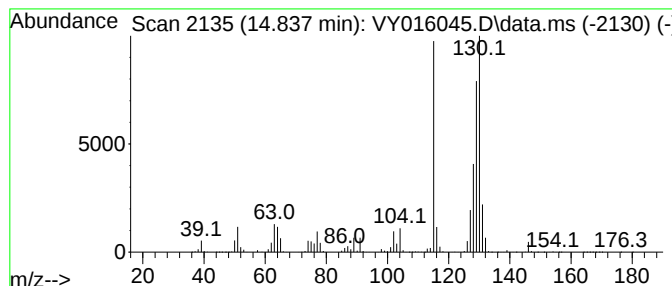
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Quant Title : SW846 8260

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

Peak Number 7 Benzene,1-methyl-1,2-propad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.837	108.73 ug/l	18495000	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	94
2			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
5			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016045.D
Acq On : 19 Oct 2023 18:20
Operator : SY/MD
Sample : 04938-17
Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

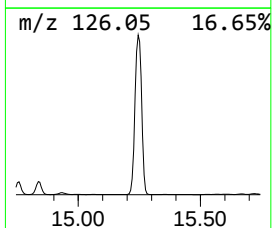
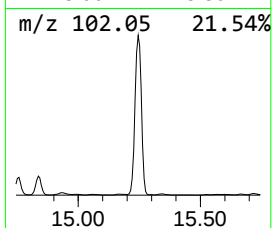
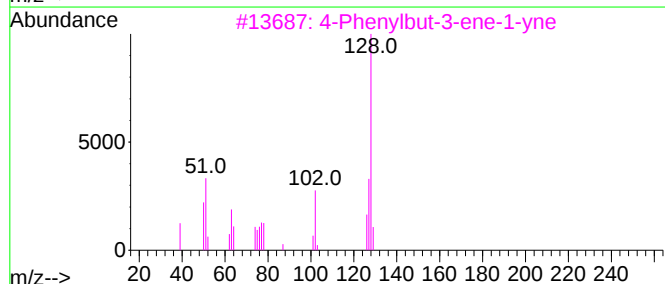
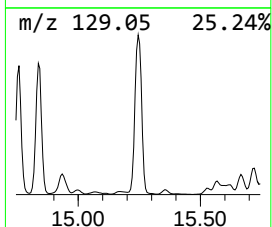
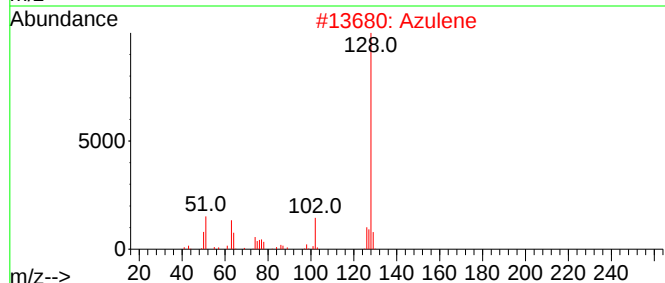
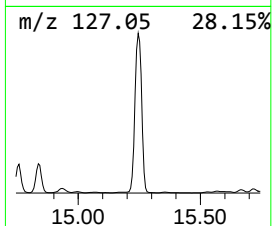
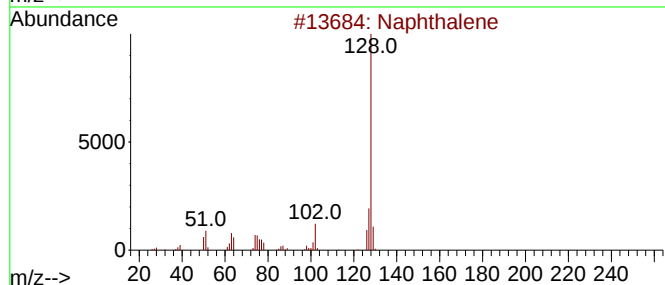
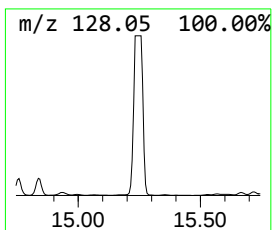
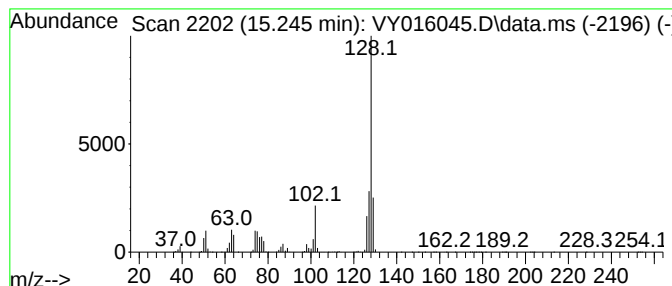
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Quant Title : SW846 8260

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

Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	342.54 ug/l	58265200	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	87
2			Azulene	128	C10H8	000275-51-4	81
3			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	81
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	72
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016045.D
Acq On : 19 Oct 2023 18:20
Operator : SY/MD
Sample : 04938-17
Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

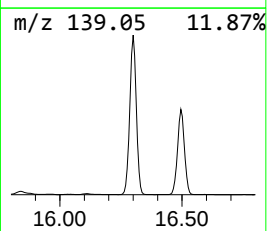
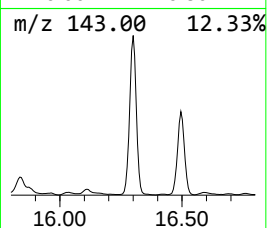
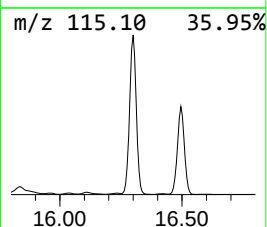
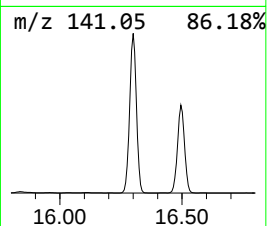
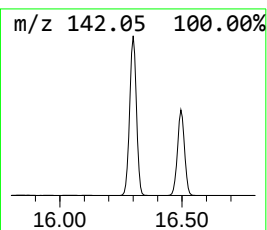
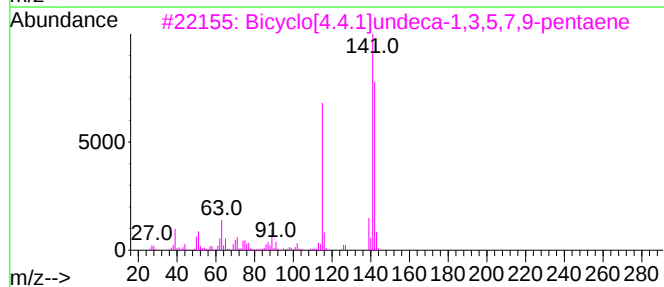
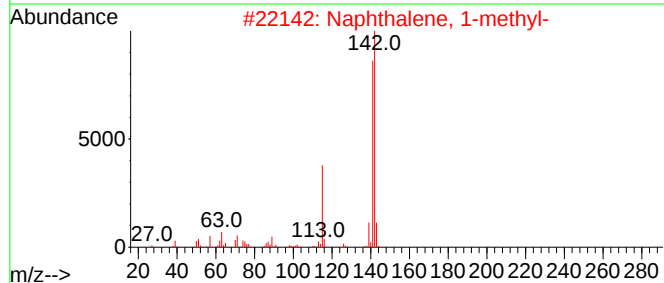
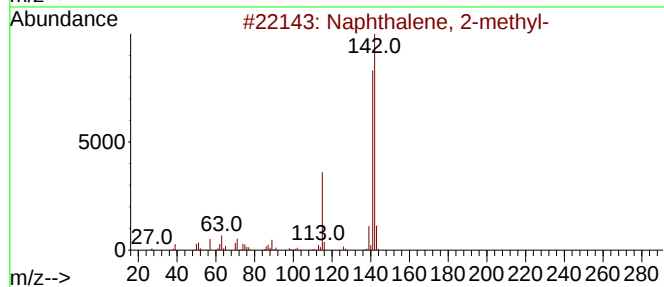
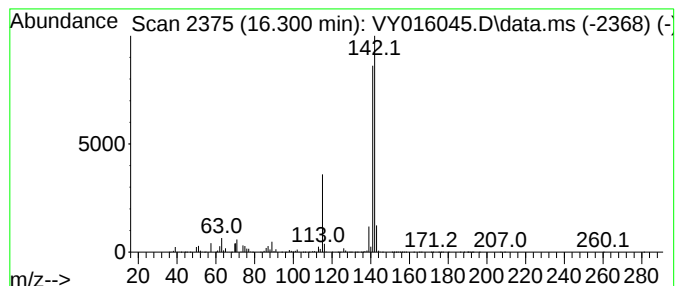
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Quant Title : SW846 8260

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

Peak Number 9 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.300	153.31 ug/l	26078200	1,4-Dichlorobenzene-d4	13.428

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			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016045.D
Acq On : 19 Oct 2023 18:20
Operator : SY/MD
Sample : 04938-17
Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

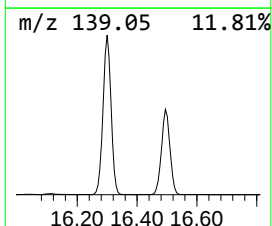
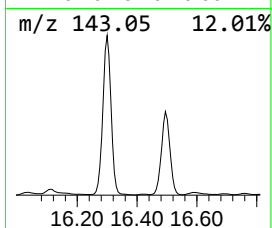
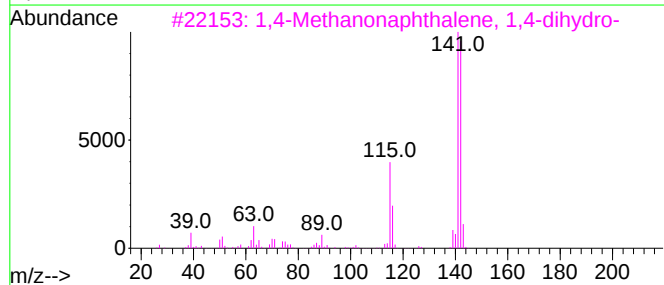
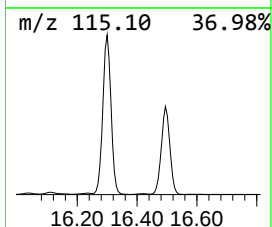
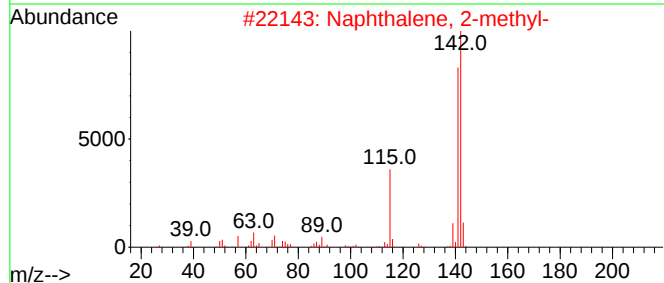
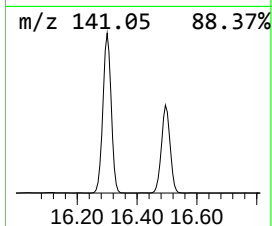
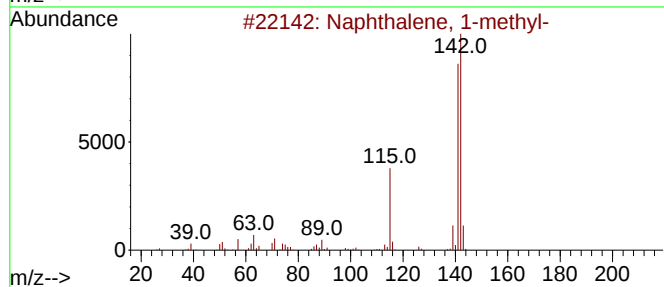
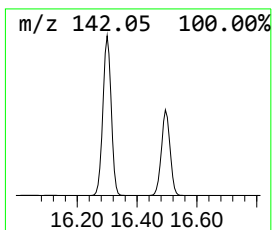
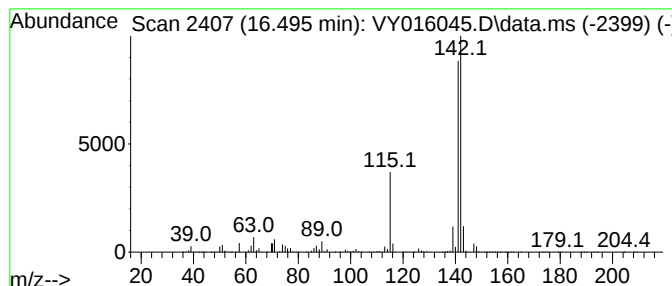
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Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.495	88.77 ug/l	15100300	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016045.D
Acq On : 19 Oct 2023 18:20
Operator : SY/MD
Sample : 04938-17
Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0-2(0-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.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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Benzene, cyclop...	13.630	44.2	ug/l	7517960	4	13.428	8504970	50.0
Benzene, 1-ethy...	13.977	44.2	ug/l	7517530	4	13.428	8504970	50.0
o-Cymene	14.337	63.4	ug/l	10785100	4	13.428	8504970	50.0
Benzene, 1,2,4,...	14.678	88.9	ug/l	15116100	4	13.428	8504970	50.0
2-Methylindene	14.757	105.3	ug/l	17918500	4	13.428	8504970	50.0
Benzene,1-methy...	14.837	108.7	ug/l	18495000	4	13.428	8504970	50.0
Azulene	15.245	342.5	ug/l	58265200	4	13.428	8504970	50.0
Bicyclo[4.4.1]u...	16.300	153.3	ug/l	26078200	4	13.428	8504970	50.0
1,4-Methanonaph...	16.495	88.8	ug/l	15100300	4	13.428	8504970	50.0