

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015028.D
 Acq On : 10 Aug 2023 15:28
 Operator : SY/MD
 Sample : 03956-02
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP23A

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\82Y080723S.M
 Title : SW846 8260

Signal : TIC: VY015028.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	463	475	488	rVB2	20372	64112	1.38%	0.315%
2	6.978	833	846	860	rBV	60004	193213	4.16%	0.949%
3	7.715	956	967	973	rBV	200695	488619	10.52%	2.399%
4	7.789	973	979	991	rVB	328531	751871	16.19%	3.691%
5	8.142	1024	1037	1050	rBV2	224219	553287	11.92%	2.716%
6	8.685	1118	1126	1139	rBV	515409	1031612	22.22%	5.065%
7	10.178	1362	1371	1380	rBV	837787	1414594	30.47%	6.945%
8	10.575	1429	1436	1452	rVB	57506	105633	2.28%	0.519%
9	10.941	1490	1496	1508	rBV	36148	67148	1.45%	0.330%
10	11.489	1578	1586	1596	rBV	804042	1311793	28.25%	6.440%
11	11.587	1596	1602	1610	rVV	268715	431236	9.29%	2.117%
12	11.696	1613	1620	1628	rBV	165515	303420	6.53%	1.490%
13	12.026	1668	1674	1685	rVB	102710	166976	3.60%	0.820%
14	12.324	1713	1723	1731	rBV	40425	97965	2.11%	0.481%
15	12.477	1742	1748	1761	rVB	720826	1157953	24.94%	5.685%
16	12.733	1784	1790	1793	rVV	241580	390521	8.41%	1.917%
17	12.763	1793	1795	1799	rVV	167126	222933	4.80%	1.094%
18	12.806	1799	1802	1808	rVV2	87569	139355	3.00%	0.684%
19	12.922	1808	1821	1822	rVV7	20380	70818	1.53%	0.348%
20	12.971	1825	1829	1836	rVB	52847	90406	1.95%	0.444%
21	13.117	1844	1853	1858	rBV	239829	373725	8.05%	1.835%
22	13.166	1858	1861	1867	rVB3	52786	83872	1.81%	0.412%
23	13.312	1878	1885	1889	rBV	29824	49896	1.07%	0.245%
24	13.422	1897	1903	1912	rVV	887517	1423450	30.66%	6.988%
25	13.495	1912	1915	1921	rVB	57962	79415	1.71%	0.390%
26	13.623	1931	1936	1941	rBV	1166178	1702940	36.68%	8.360%
27	13.751	1952	1957	1961	rBV	40714	51460	1.11%	0.253%
28	13.909	1980	1983	1987	rVB2	34080	47145	1.02%	0.231%
29	13.964	1987	1992	1997	rBV	109197	177111	3.81%	0.870%
30	14.080	2005	2011	2013	rBV2	45135	72976	1.57%	0.358%
31	14.330	2049	2052	2056	rVB	39823	54435	1.17%	0.267%
32	14.562	2085	2090	2094	rBV	126627	182844	3.94%	0.898%
33	14.604	2094	2097	2102	rVB	49349	70515	1.52%	0.346%
34	14.678	2102	2109	2112	rBV2	59303	134130	2.89%	0.658%
35	14.745	2113	2120	2128	rVV2	171685	388525	8.37%	1.907%
36	14.830	2128	2134	2143	rVV	197956	338496	7.29%	1.662%

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Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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Peak separation: 5

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37	14.928	2144	2150	2158	rVB4	48191	106350	2.29%	0.522%
38	15.232	2191	2200	2207	rBV	2781966	4643201	100.00%	22.795%
39	15.318	2209	2214	2223	rVB2	61697	152153	3.28%	0.747%
40	15.434	2229	2233	2241	rVB	48020	78719	1.70%	0.386%
41	16.287	2366	2373	2380	rBV	305383	577928	12.45%	2.837%
42	16.482	2397	2405	2417	rVB	245105	526271	11.33%	2.584%

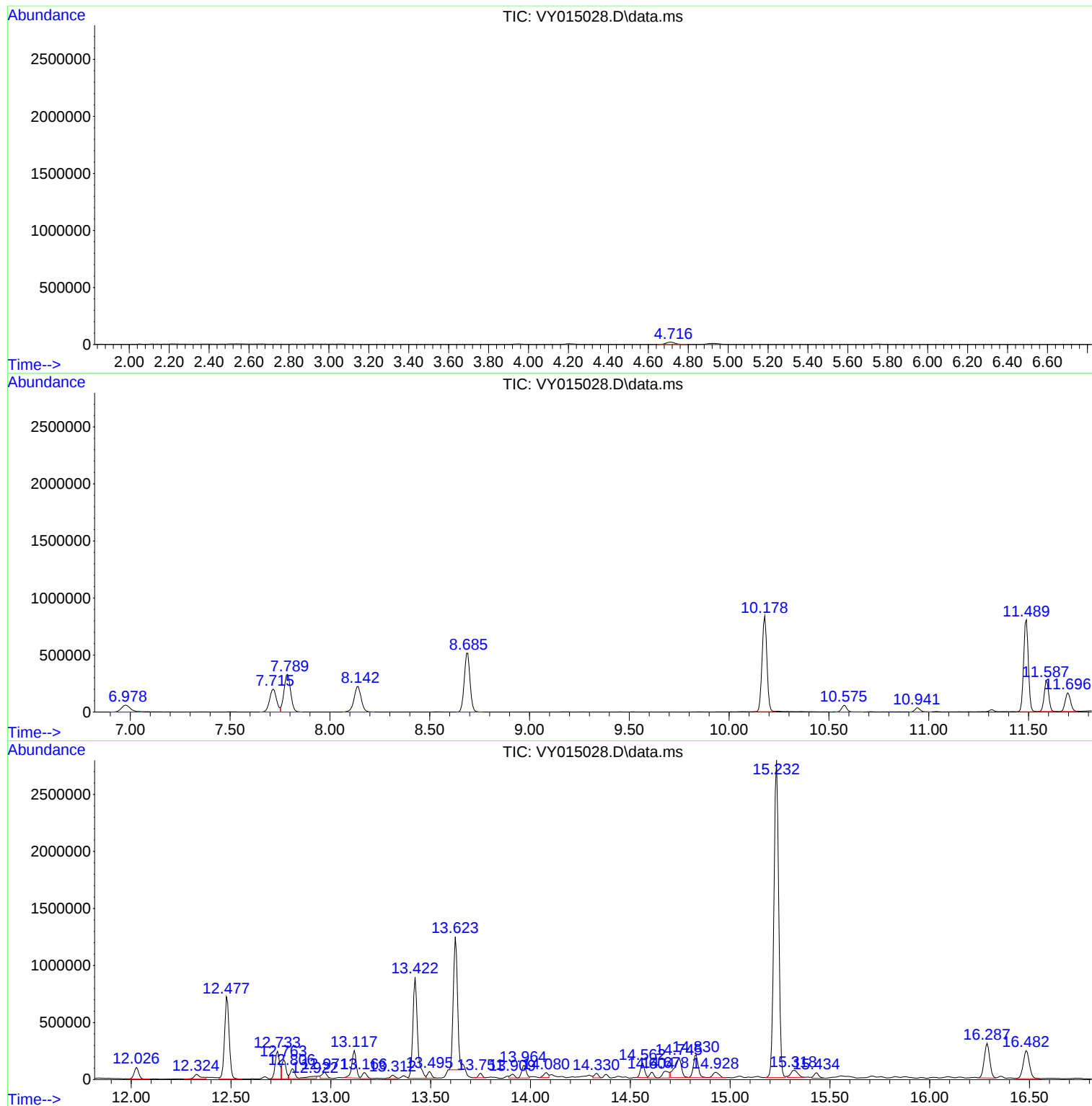
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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



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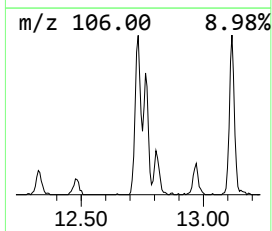
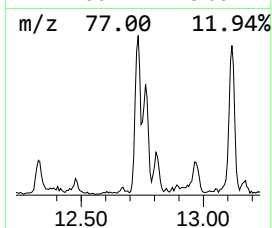
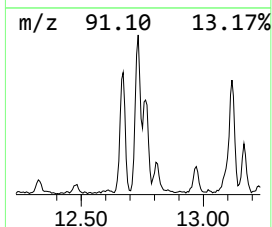
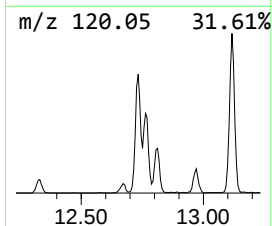
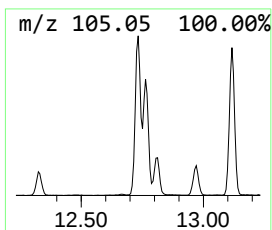
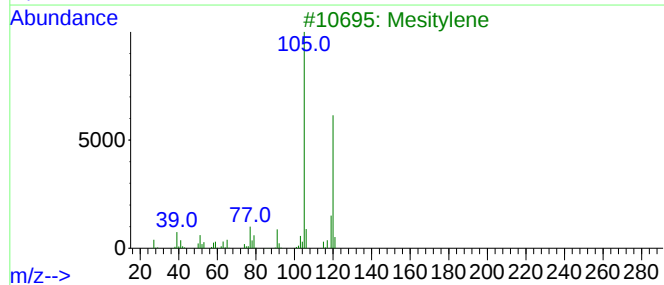
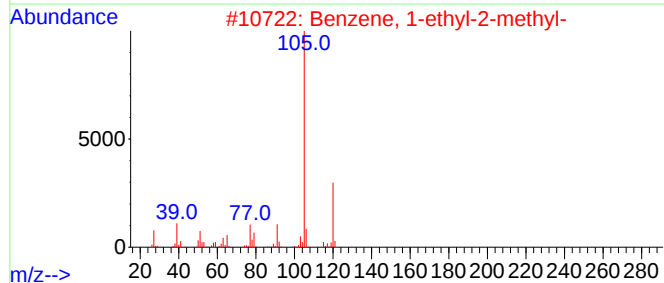
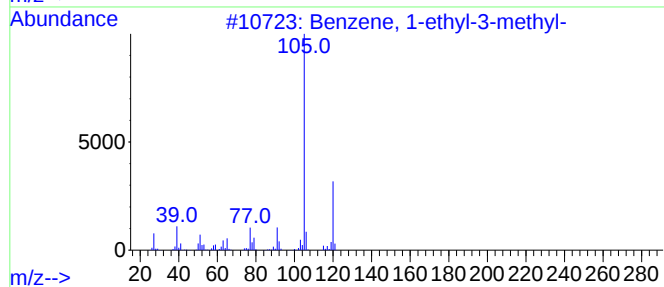
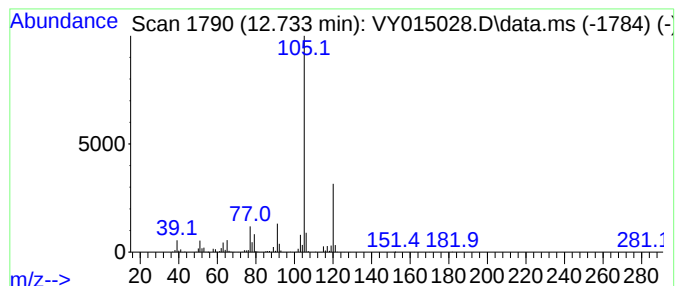
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	13.72 ug/l	390521	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

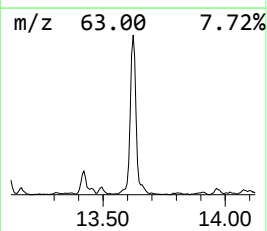
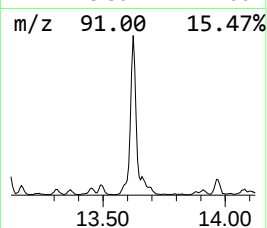
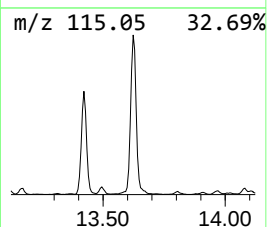
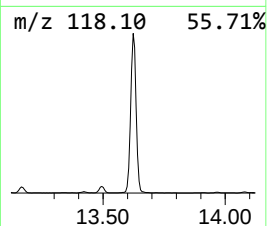
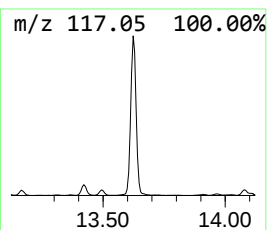
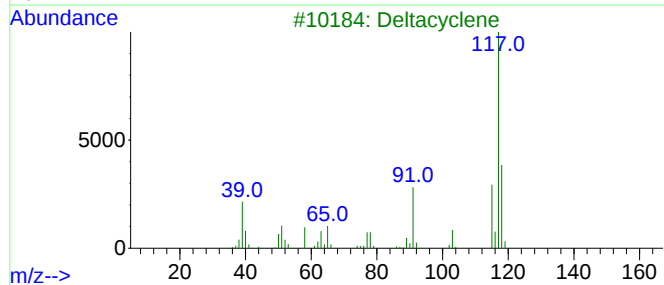
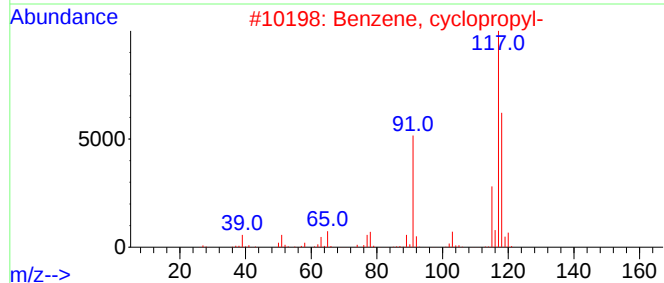
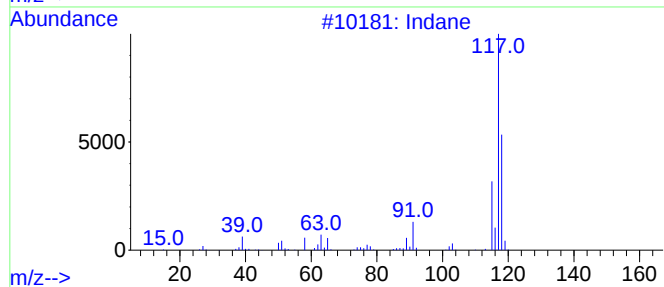
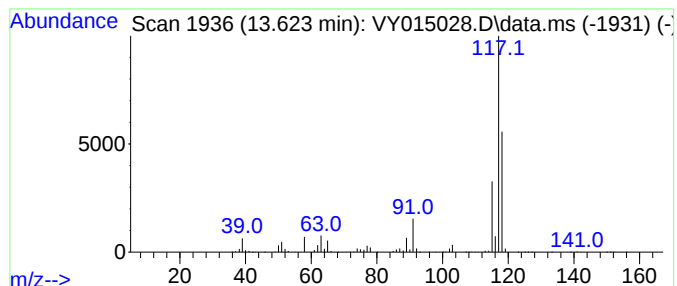
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	59.82 ug/l	1702940	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3			Deltacyclene	118	C9H10	007785-10-6	64
4			Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	64
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



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Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

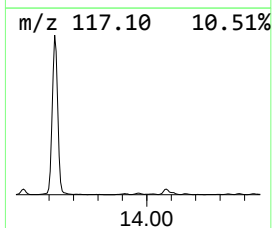
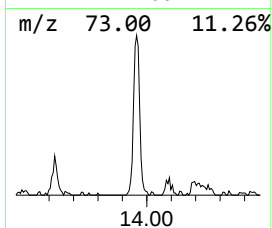
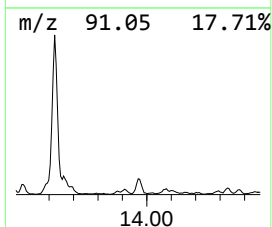
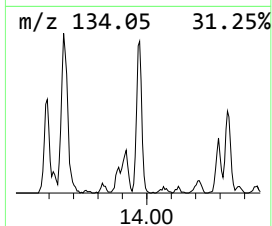
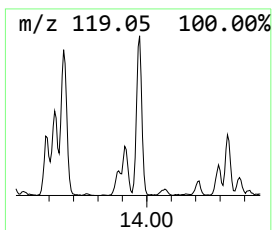
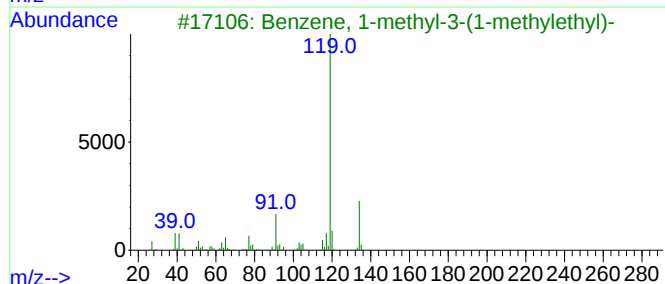
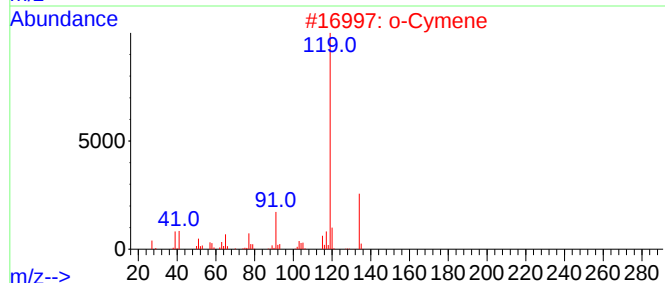
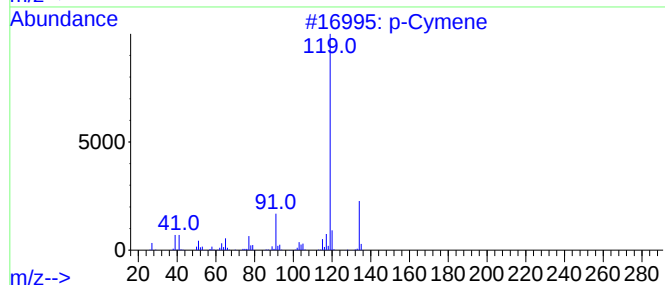
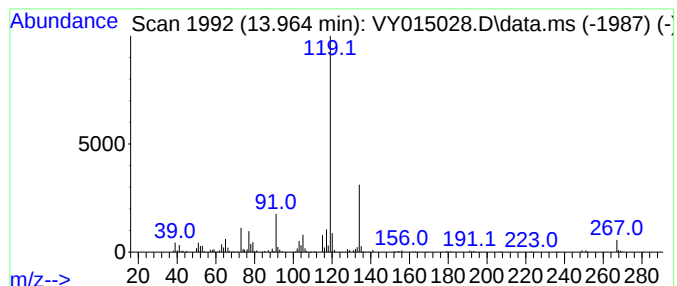
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 4 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	6.22 ug/l	177111	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

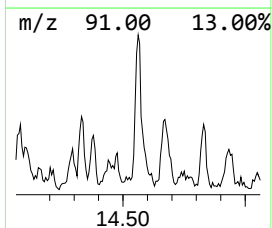
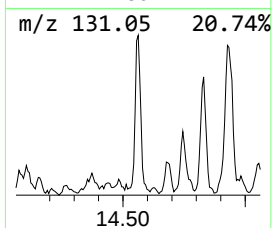
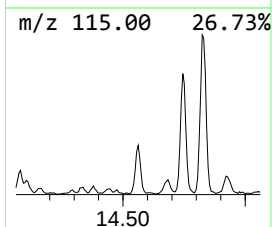
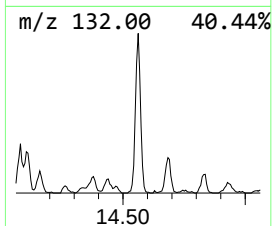
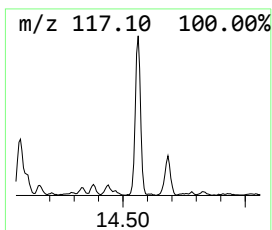
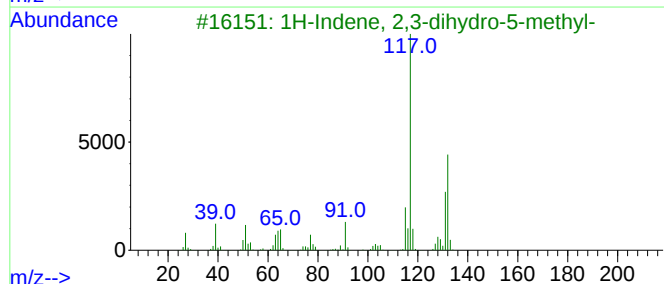
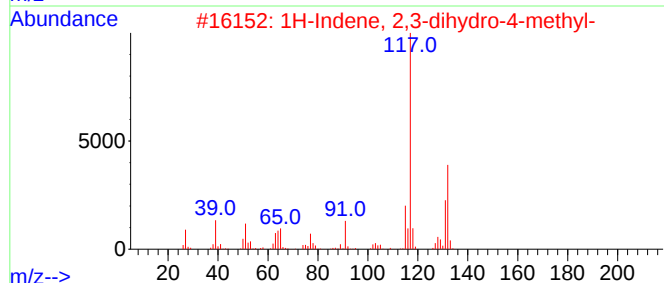
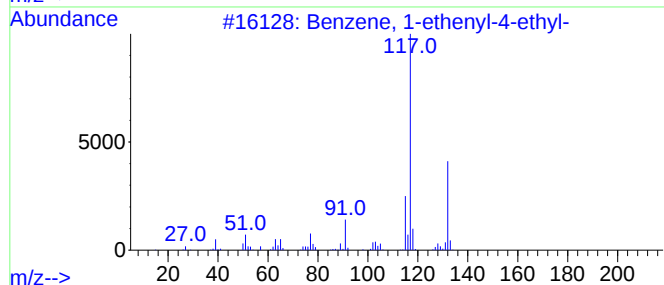
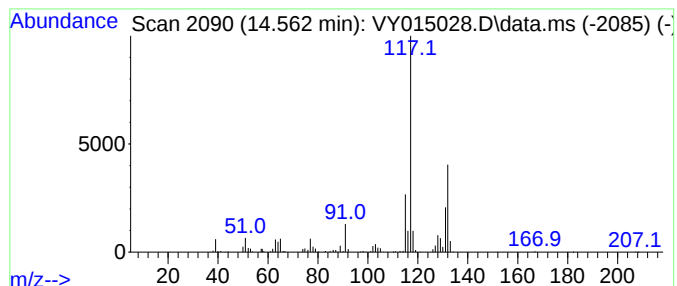
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	6.42 ug/l	182844	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	90



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Instrument :
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B-PP23A

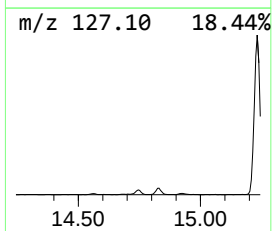
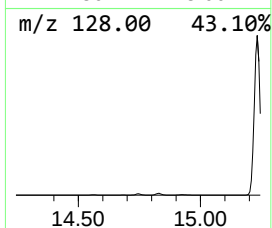
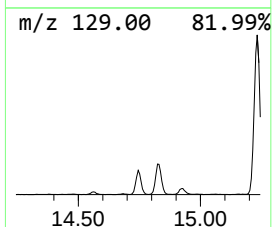
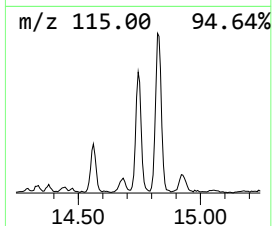
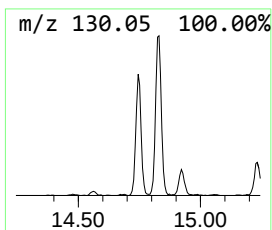
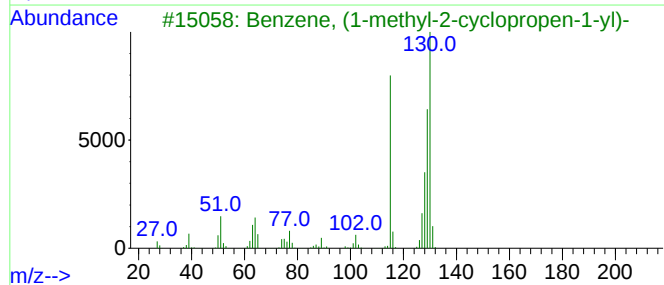
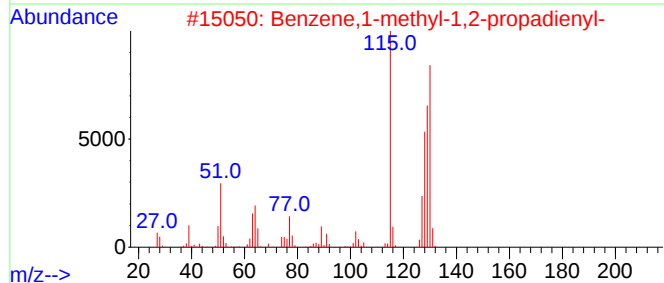
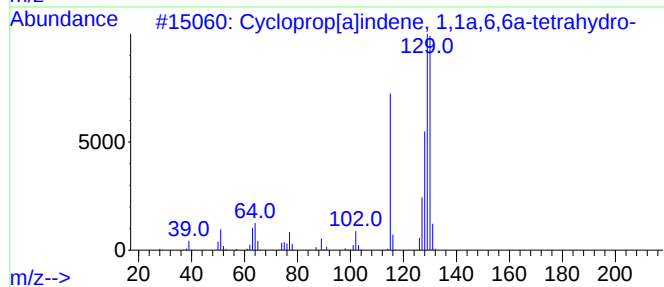
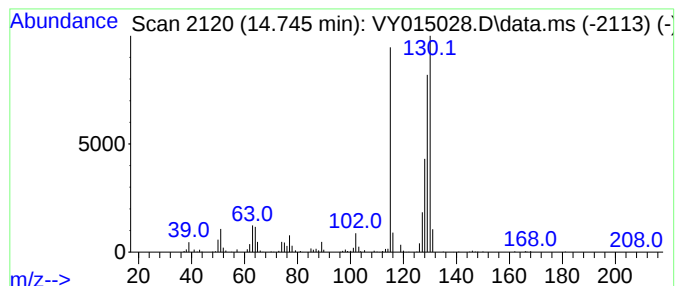
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Quant Title : SW846 8260

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

Peak Number 6 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	13.65 ug/l	388525	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93
5			2-Methylindene	130	C10H10	002177-47-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015028.D
Acq On : 10 Aug 2023 15:28
Operator : SY/MD
Sample : 03956-02
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

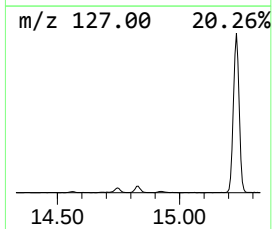
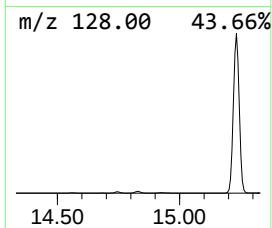
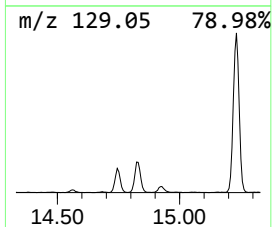
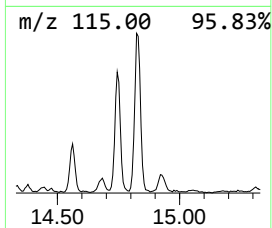
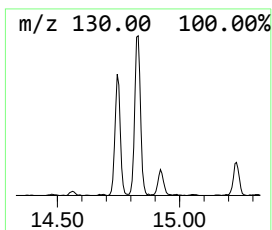
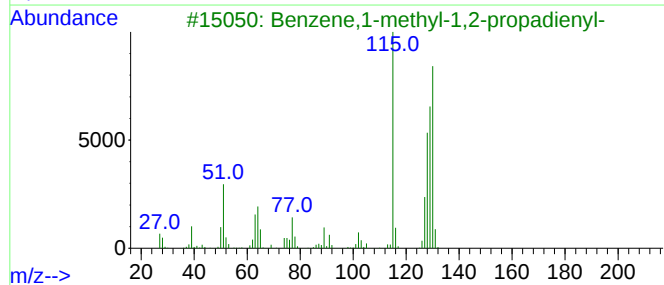
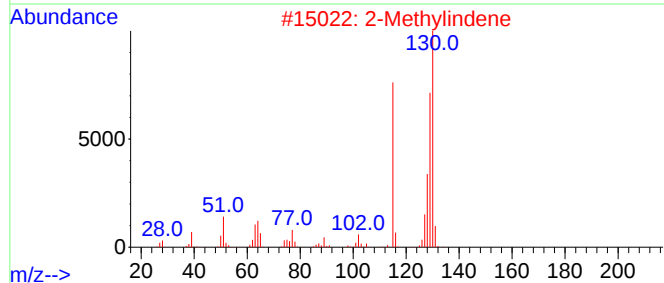
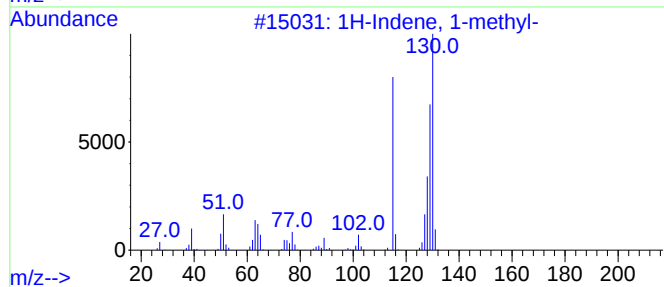
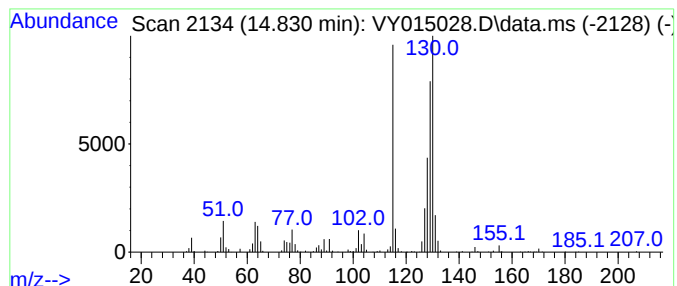
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	11.89 ug/l	338496	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			2-Methylindene	130	C10H10	002177-47-1	96
3			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
5			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015028.D
Acq On : 10 Aug 2023 15:28
Operator : SY/MD
Sample : 03956-02
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

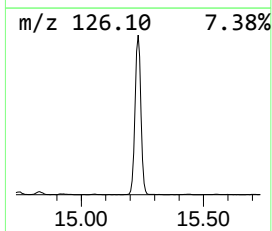
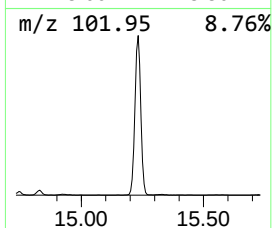
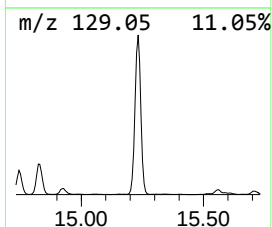
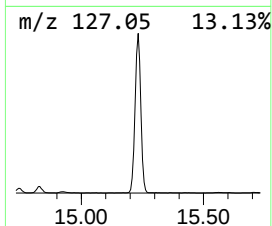
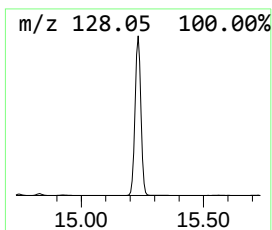
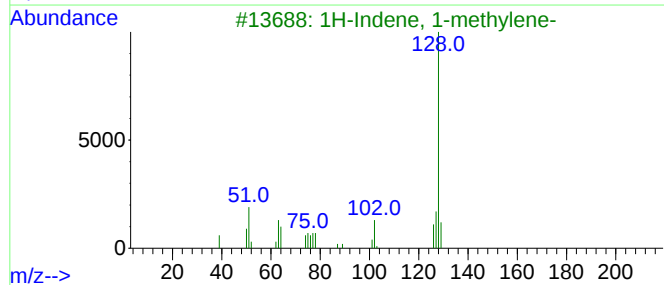
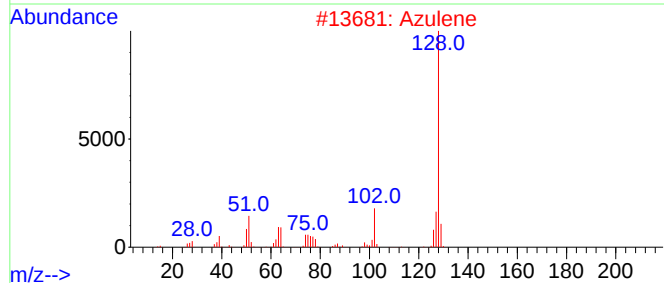
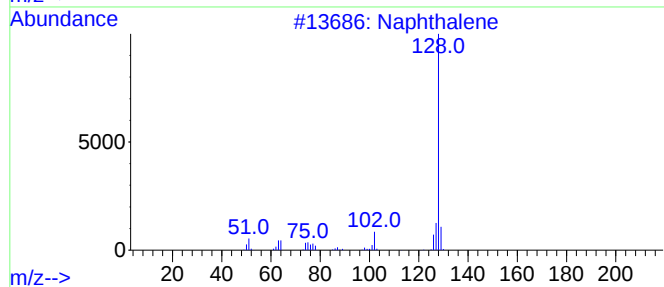
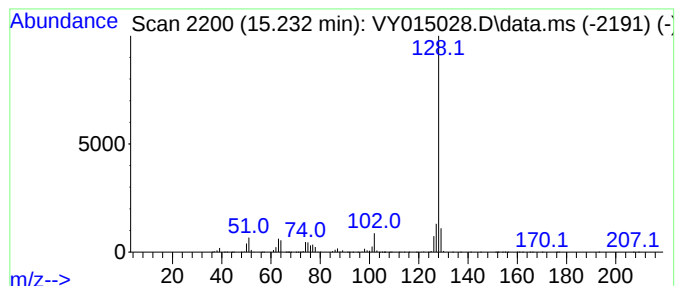
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Quant Title : SW846 8260

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

Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.232	163.10 ug/l	4643200	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	86
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5			4-Phenylbut-3-ene-1-yne	128	C10H8	100022-12-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015028.D
Acq On : 10 Aug 2023 15:28
Operator : SY/MD
Sample : 03956-02
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

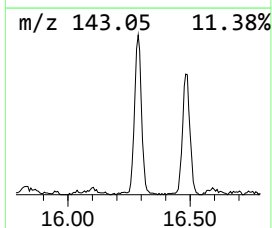
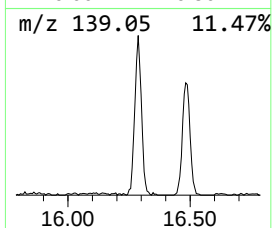
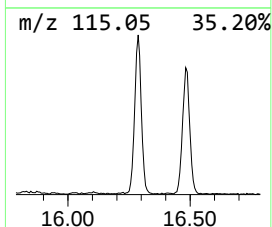
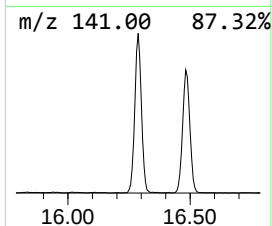
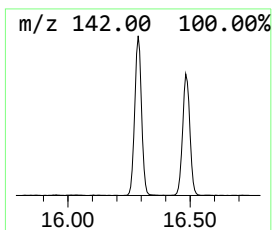
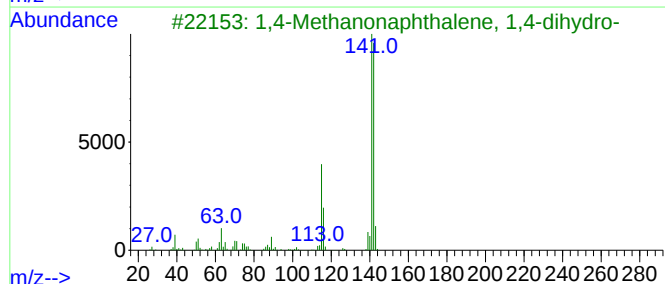
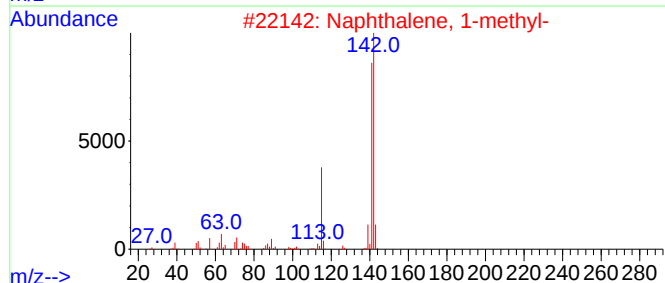
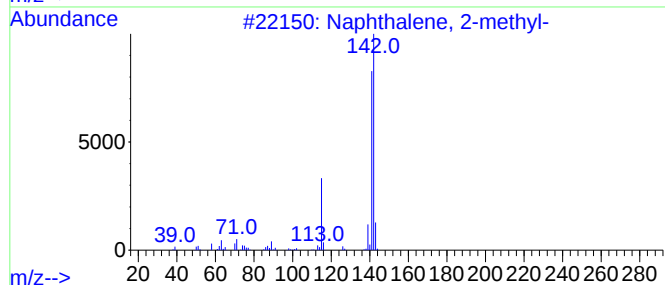
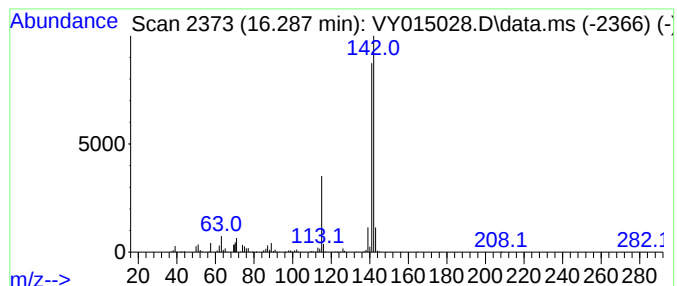
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Quant Title : SW846 8260

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

Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	20.30 ug/l	577928	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	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\VY081023\
Data File : VY015028.D
Acq On : 10 Aug 2023 15:28
Operator : SY/MD
Sample : 03956-02
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

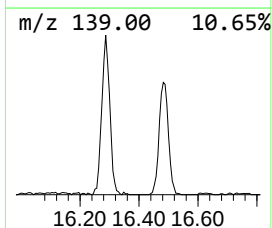
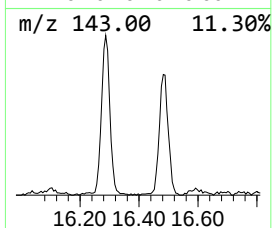
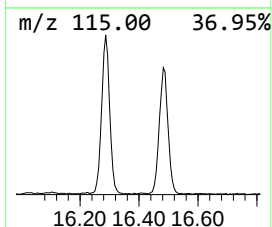
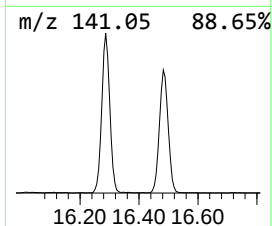
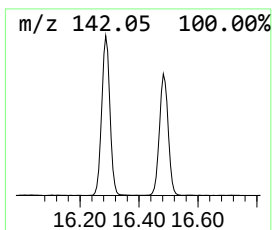
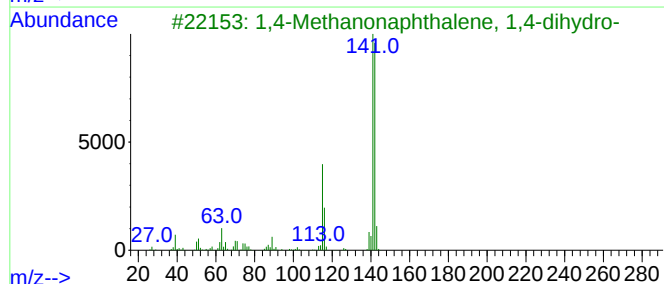
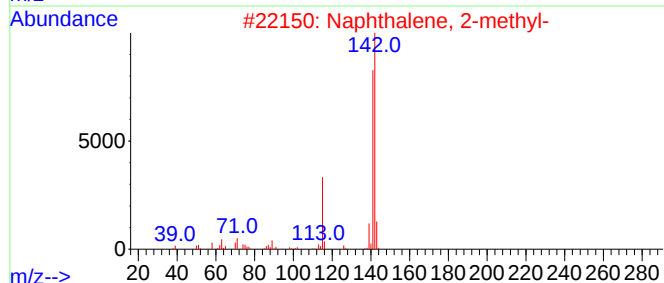
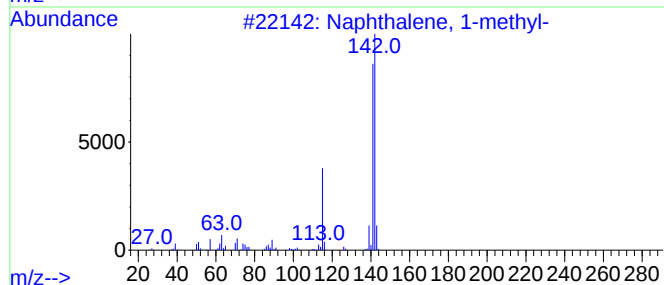
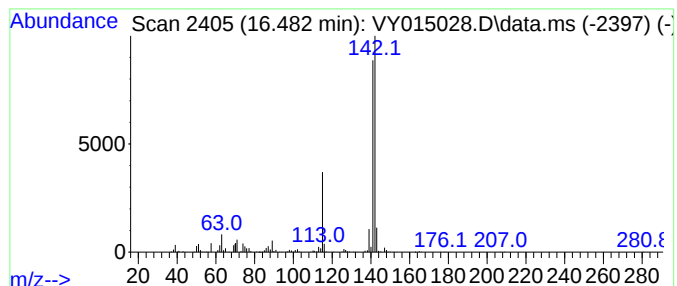
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Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	18.49 ug/l	526271	1,4-Dichlorobenzene-d4	13.422

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	94
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\VY081023\
Data File : VY015028.D
Acq On : 10 Aug 2023 15:28
Operator : SY/MD
Sample : 03956-02
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.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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Indane	13.623	59.8	ug/l	1702940	4	13.422	1423450	50.0
p-Cymene	13.964	6.2	ug/l	177111	4	13.422	1423450	50.0
Benzene, 1-ethe...	14.562	6.4	ug/l	182844	4	13.422	1423450	50.0
Cycloprop[a]ind...	14.745	13.7	ug/l	388525	4	13.422	1423450	50.0
1H-Indene, 1-me...	14.830	11.9	ug/l	338496	4	13.422	1423450	50.0
Azulene	15.232	163.1	ug/l	4643200	4	13.422	1423450	50.0
1,4-Methanonaph...	16.287	20.3	ug/l	577928	4	13.422	1423450	50.0
Benzocyclohepta...	16.482	18.5	ug/l	526271	4	13.422	1423450	50.0