

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015026.D
 Acq On : 10 Aug 2023 14:41
 Operator : SY/MD
 Sample : 03952-01
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-080923

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: VY015026.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	956	967	972	rBV	216640	518585	2.02%	0.762%
2	7.789	972	979	990	rVB	357014	832756	3.25%	1.223%
3	8.143	1021	1037	1049	rBV2	276245	715889	2.79%	1.051%
4	8.685	1118	1126	1140	rBV	565361	1114425	4.35%	1.637%
5	10.179	1363	1371	1378	rBV	889648	1531270	5.98%	2.249%
6	11.490	1578	1586	1596	rBV	845734	1416608	5.53%	2.080%
7	11.587	1596	1602	1612	rBV	1153047	1821946	7.11%	2.676%
8	11.697	1612	1620	1629	rVV	706593	1286638	5.02%	1.889%
9	12.026	1668	1674	1683	rVB	401069	633788	2.47%	0.931%
10	12.477	1742	1748	1759	rVB	775548	1230189	4.80%	1.807%
11	12.733	1784	1790	1793	rBV	971612	1596514	6.23%	2.344%
12	12.764	1793	1795	1799	rVV	720915	914591	3.57%	1.343%
13	12.806	1799	1802	1808	rVB2	309586	461111	1.80%	0.677%
14	12.971	1823	1829	1837	rVB	178938	296445	1.16%	0.435%
15	13.117	1843	1853	1858	rBV	1009674	1613148	6.30%	2.369%
16	13.166	1858	1861	1867	rVB	219141	310370	1.21%	0.456%
17	13.422	1897	1903	1906	rBV	929092	1420525	5.55%	2.086%
18	13.453	1906	1908	1912	rVB	276911	305823	1.19%	0.449%
19	13.495	1912	1915	1922	rVB	270967	372874	1.46%	0.548%
20	13.623	1924	1936	1941	rBV	5478628	9095203	35.51%	13.356%
21	13.971	1987	1993	1997	rBV	522066	788366	3.08%	1.158%
22	14.074	2005	2010	2013	rBV2	202751	335859	1.31%	0.493%
23	14.330	2049	2052	2056	rVB	215524	280980	1.10%	0.413%
24	14.562	2085	2090	2094	rBV	647464	955436	3.73%	1.403%
25	14.672	2102	2108	2113	rBV2	293671	648825	2.53%	0.953%
26	14.745	2113	2120	2127	rVV	829537	1476478	5.76%	2.168%
27	14.830	2128	2134	2142	rVB	1156675	1914052	7.47%	2.811%
28	14.928	2143	2150	2157	rBV3	247905	553485	2.16%	0.813%
29	15.233	2192	2200	2208	rVV	15289590	25615534	100.00%	37.617%
30	15.330	2209	2216	2224	rVB2	265042	554078	2.16%	0.814%
31	15.556	2249	2253	2266	rVB2	106473	366852	1.43%	0.539%
32	16.287	2366	2373	2386	rVB	1839192	3813055	14.89%	5.600%
33	16.483	2397	2405	2417	rVB	1609353	3304455	12.90%	4.853%

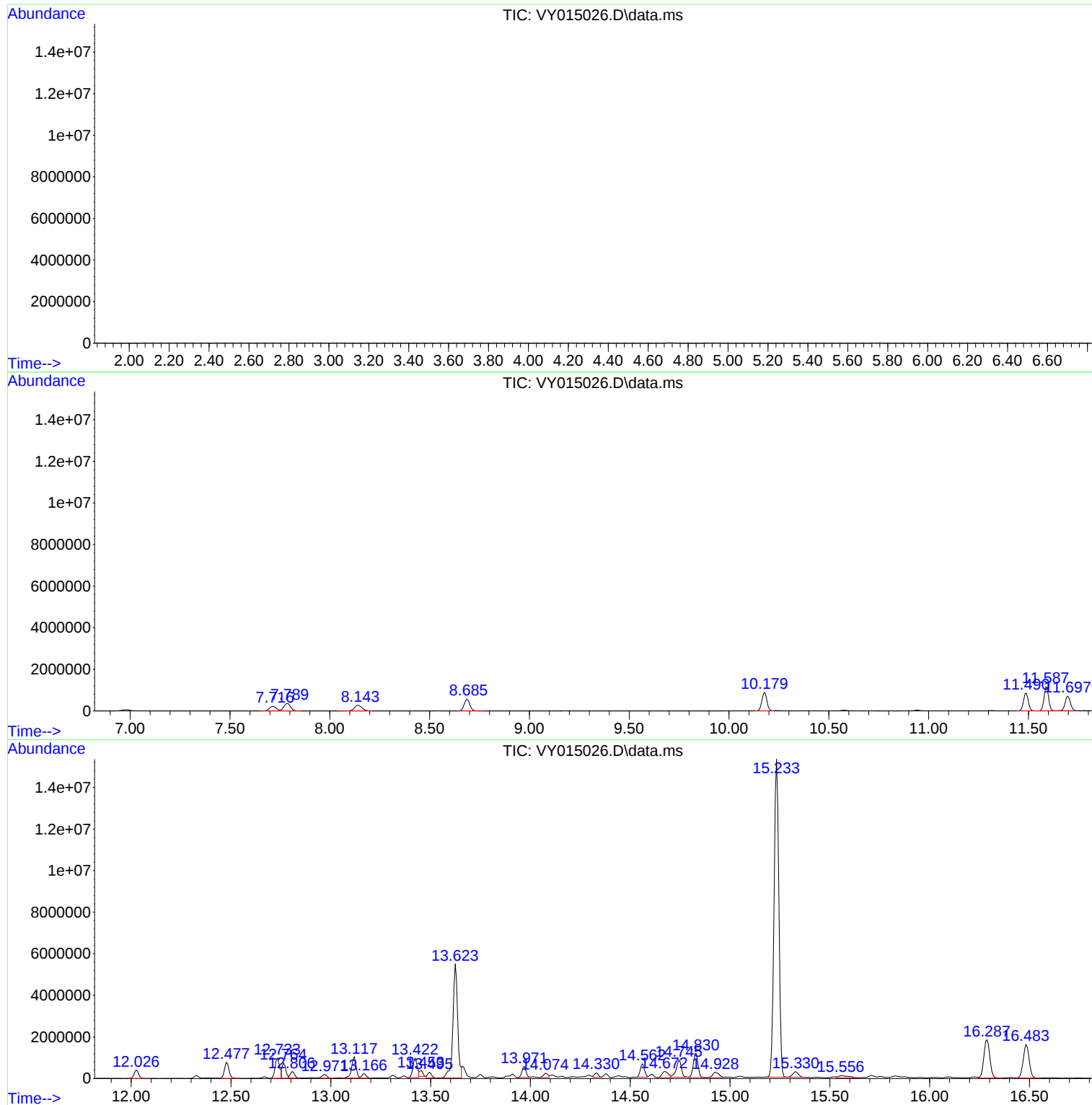
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-1-080923

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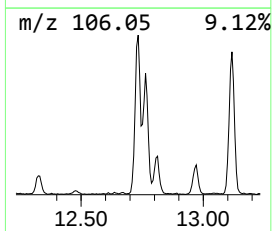
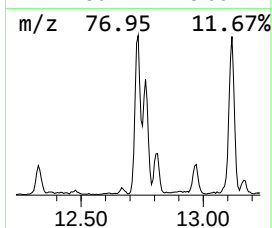
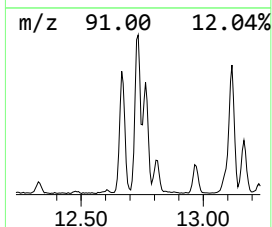
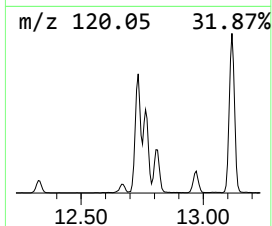
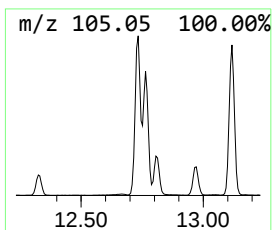
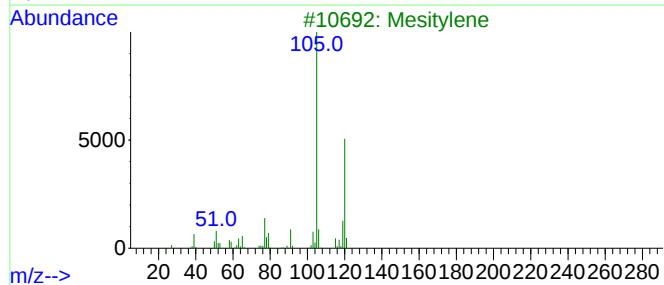
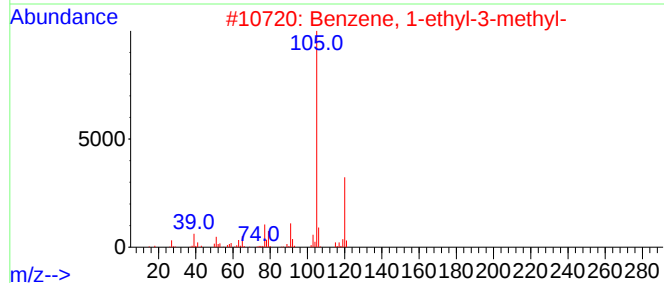
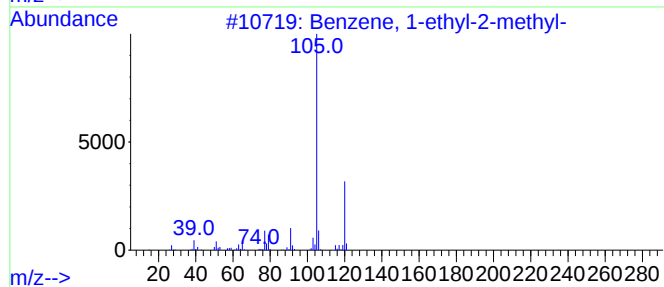
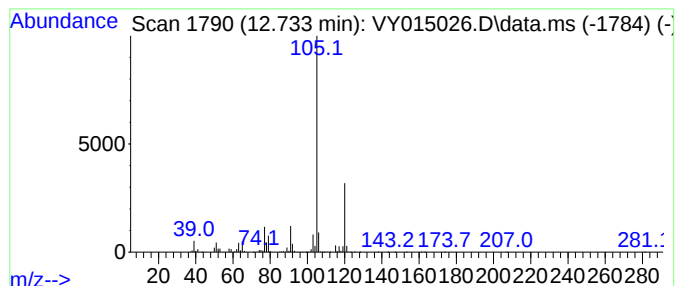
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	56.19 ug/l	1596510	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

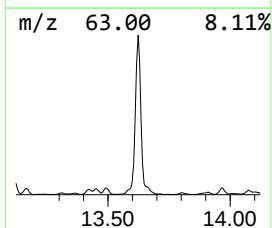
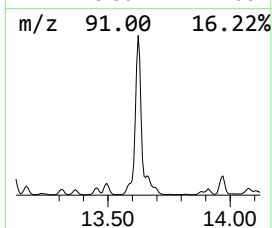
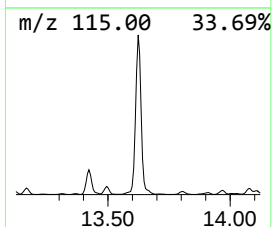
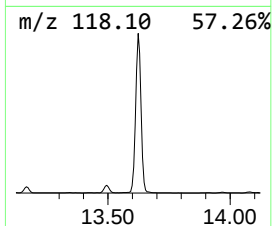
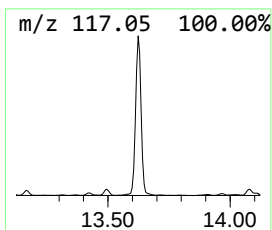
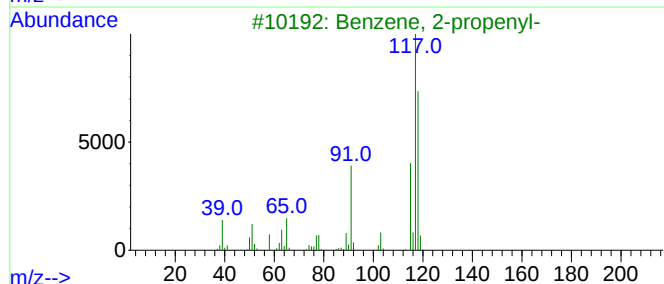
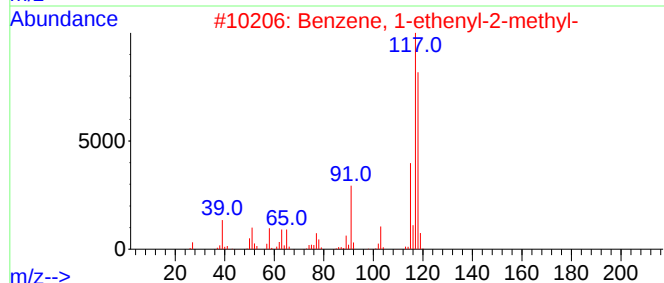
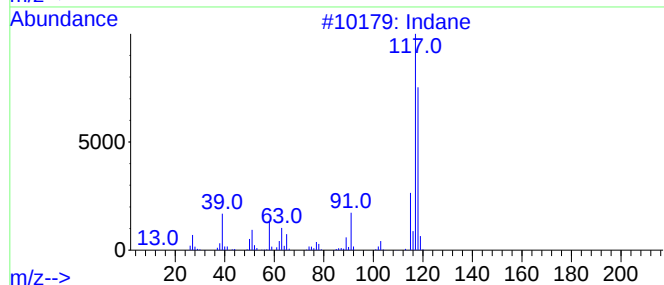
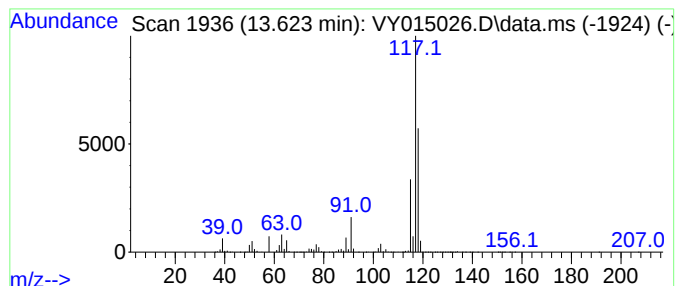
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	320.13 ug/l	9095200	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
5			Deltacyclene	118	C9H10	007785-10-6	74



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Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-1-080923

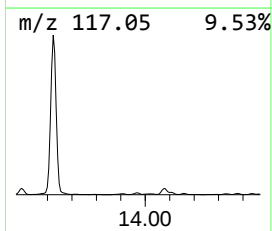
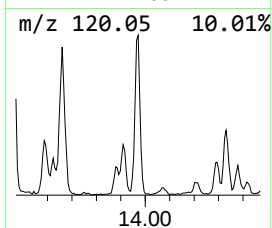
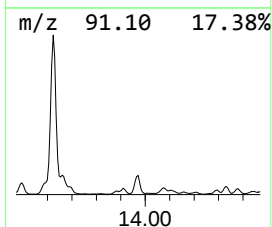
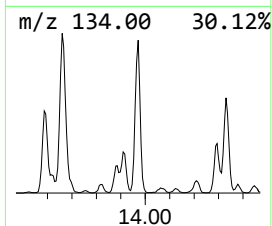
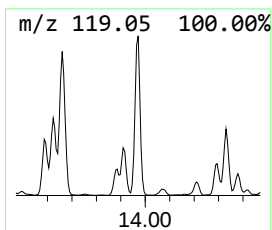
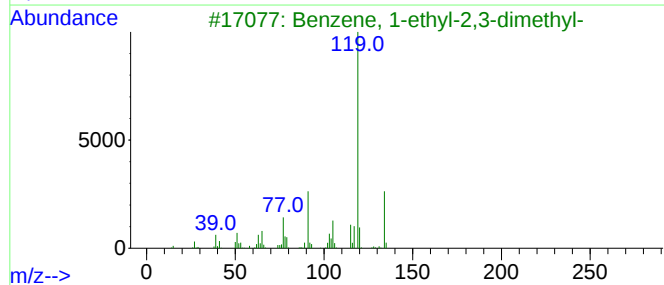
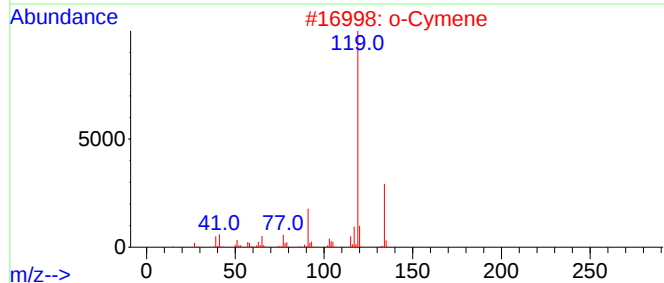
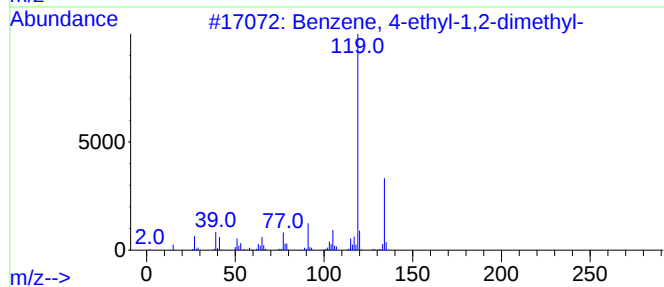
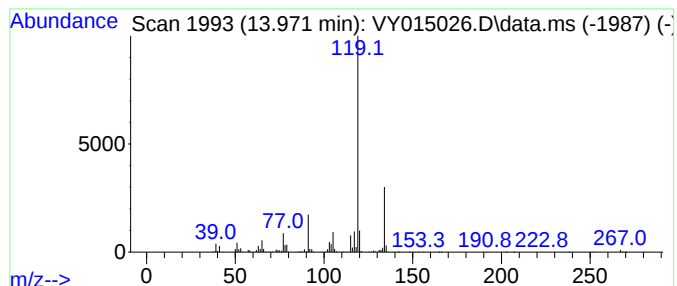
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	27.75 ug/l	788366	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

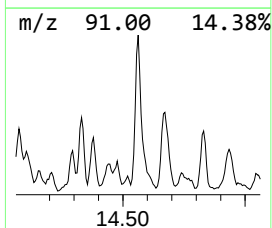
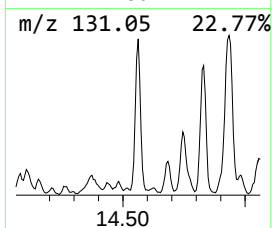
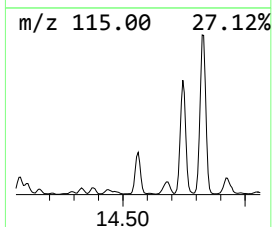
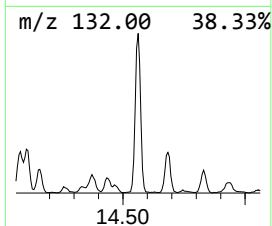
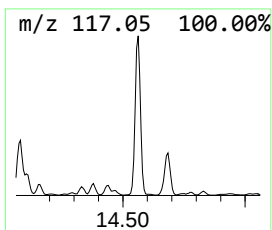
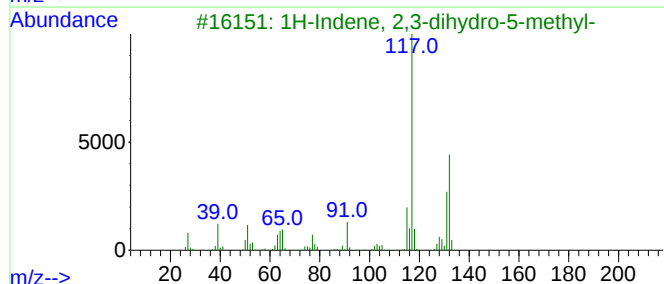
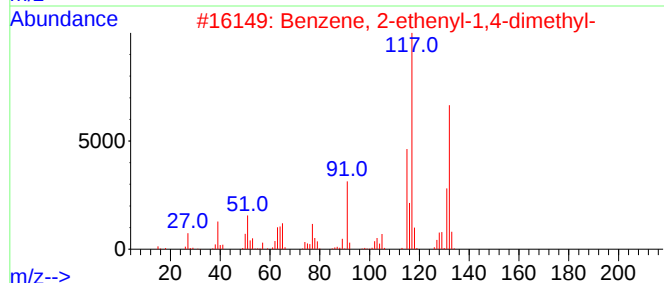
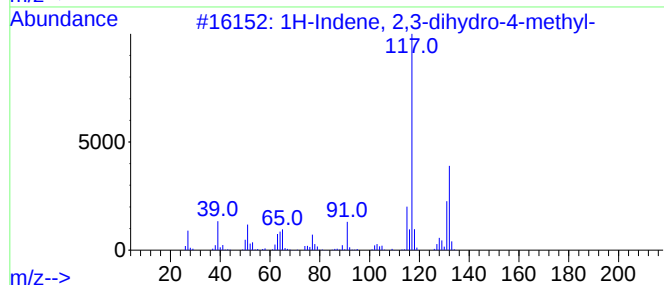
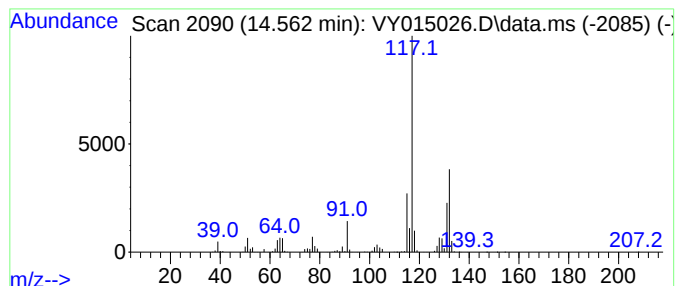
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Quant Title : SW846 8260

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

Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	33.63 ug/l	955436	1,4-Dichlorobenzene-d4	13.422

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			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87



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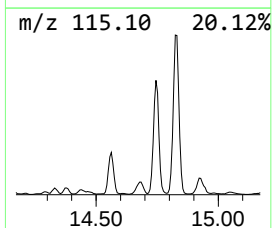
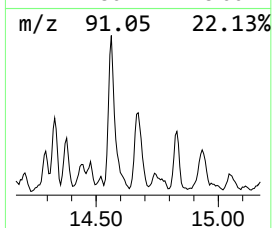
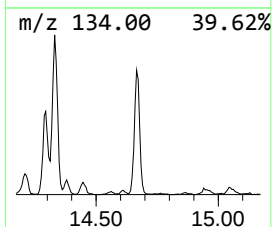
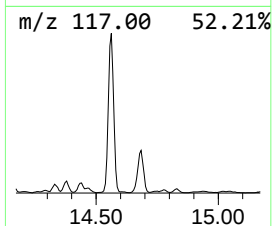
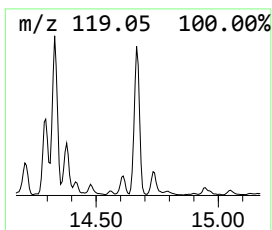
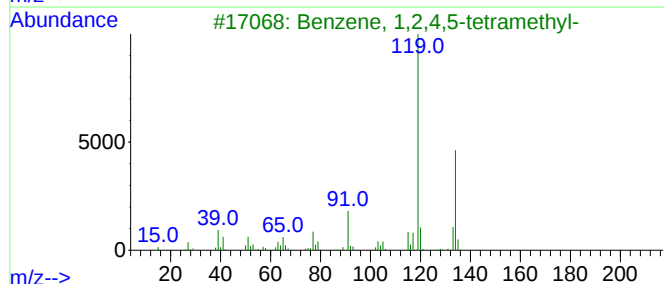
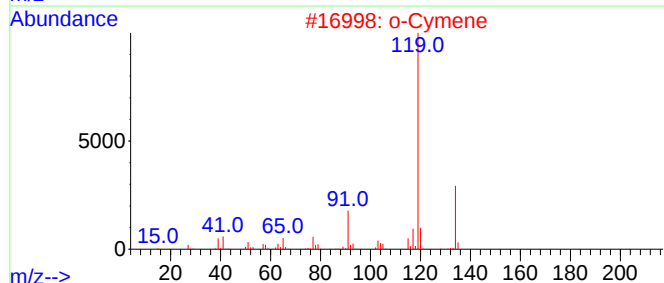
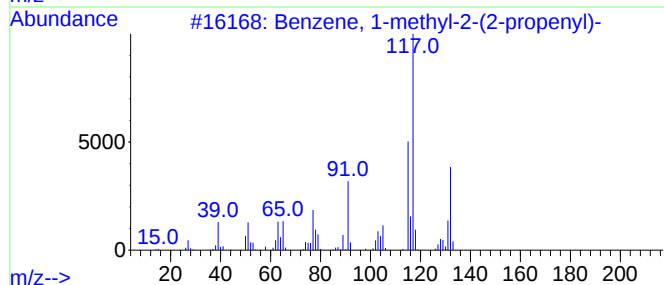
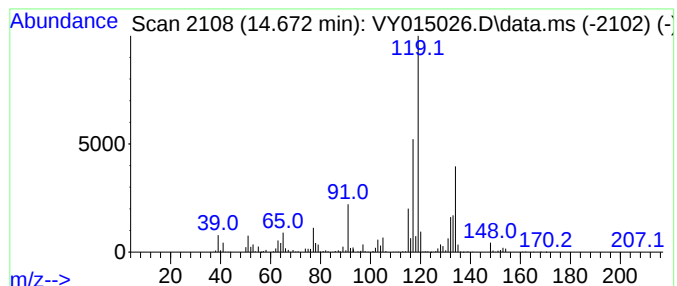
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	22.84 ug/l	648825	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	70
2			o-Cymene	134	C10H14	000527-84-4	64
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58



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ClientSampleId :
OK-1-080923

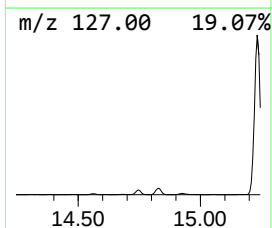
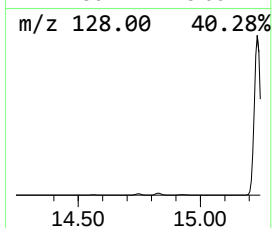
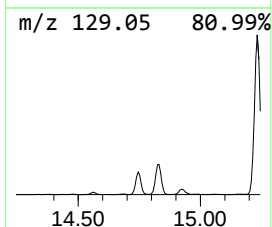
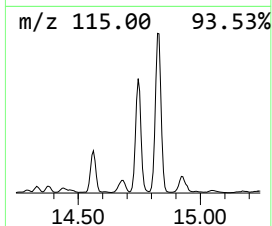
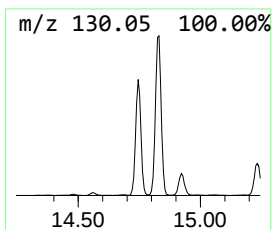
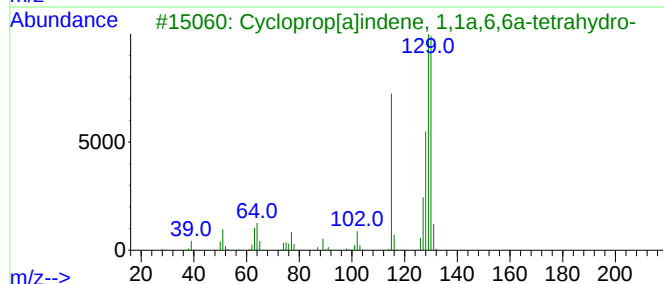
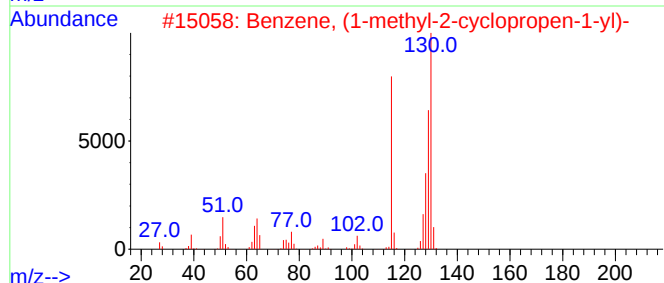
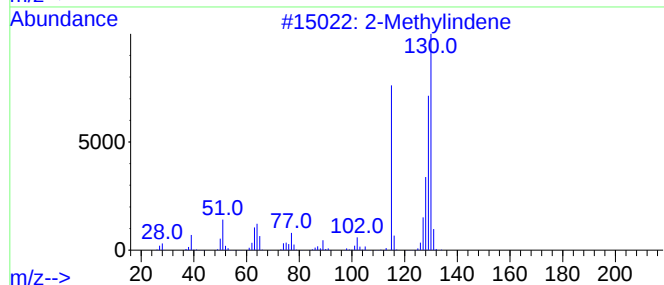
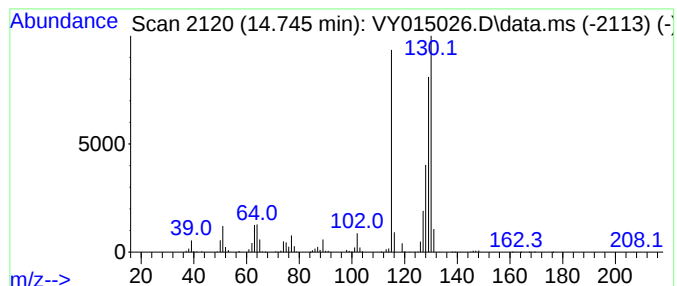
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Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	51.97 ug/l	1476480	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
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\VY081023\
Data File : VY015026.D
Acq On : 10 Aug 2023 14:41
Operator : SY/MD
Sample : 03952-01
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

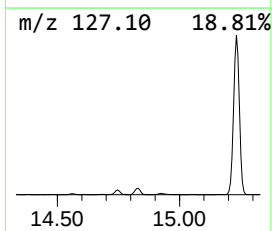
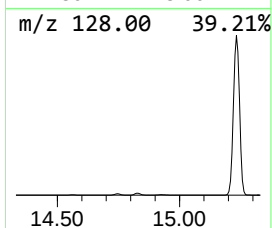
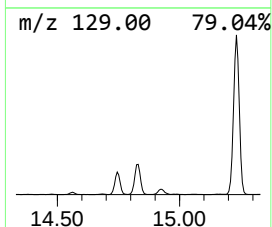
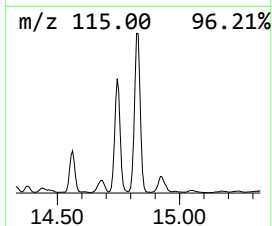
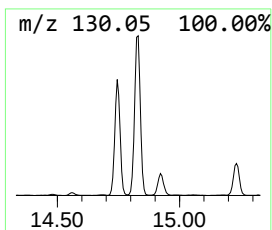
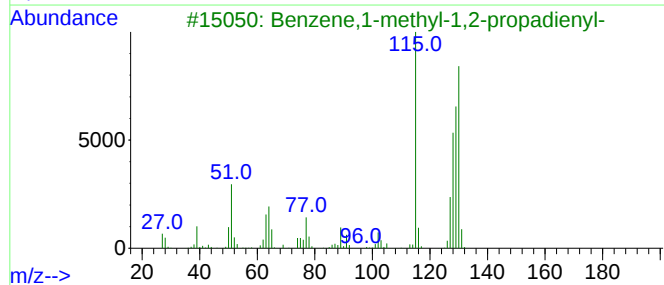
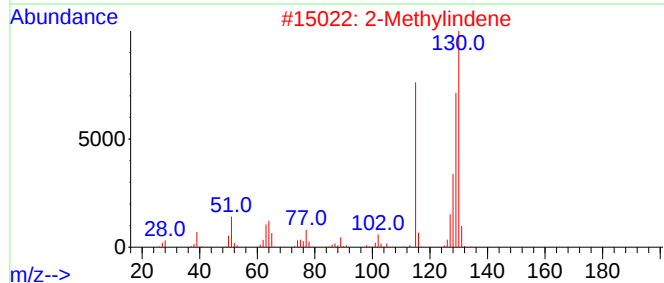
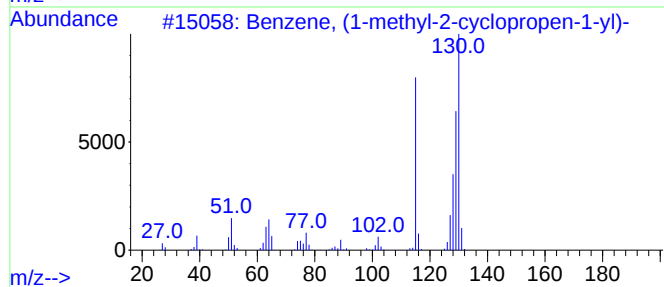
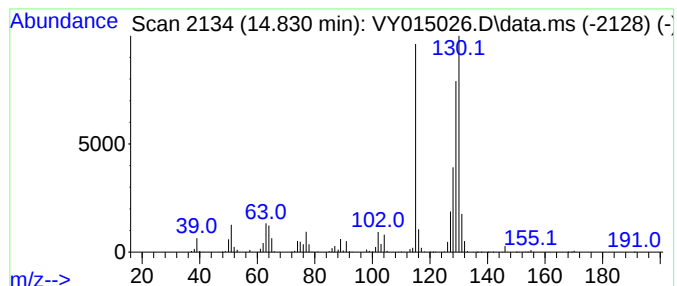
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, (1-methyl-2-cyclop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	67.37 ug/l	1914050	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2			2-Methylindene	130	C10H10	002177-47-1	96
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			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015026.D
Acq On : 10 Aug 2023 14:41
Operator : SY/MD
Sample : 03952-01
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

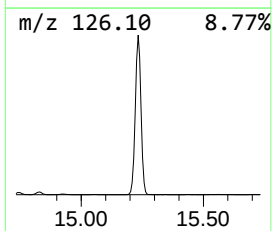
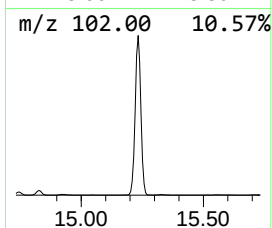
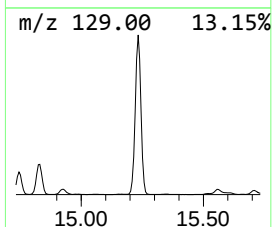
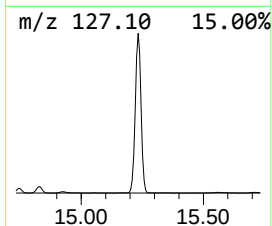
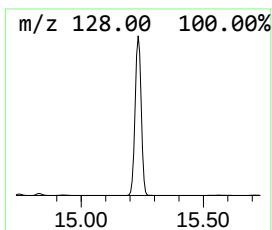
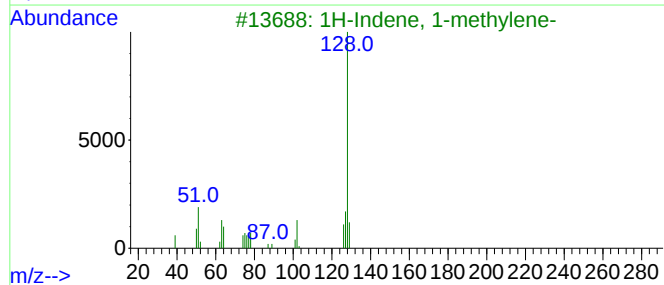
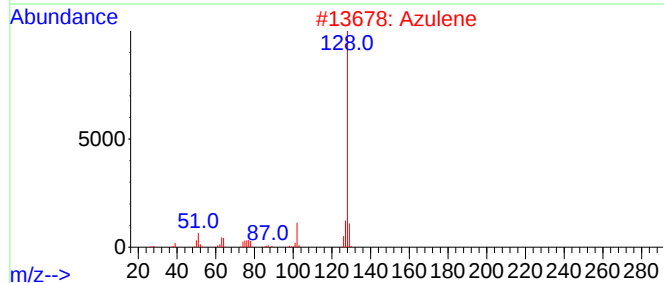
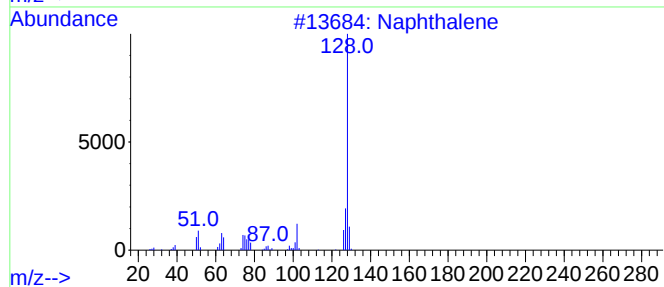
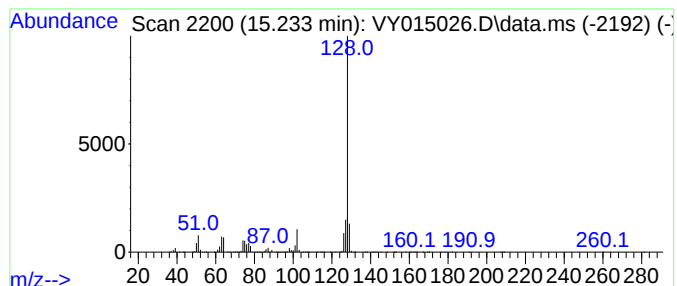
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Quant Title : SW846 8260

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.
15.233	901.62 ug/l	25615500	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Azulene	128	C10H8	000275-51-4	94
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	64
5			1H-Cyclopenta[c]thiophene, hexah...	128	C7H12S	053907-80-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015026.D
Acq On : 10 Aug 2023 14:41
Operator : SY/MD
Sample : 03952-01
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

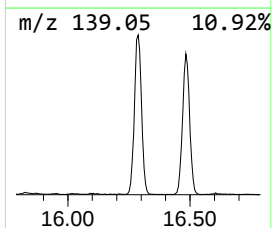
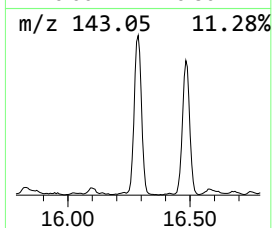
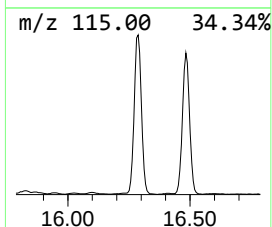
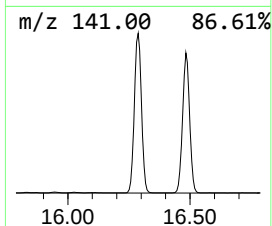
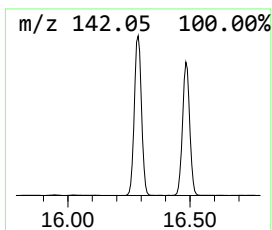
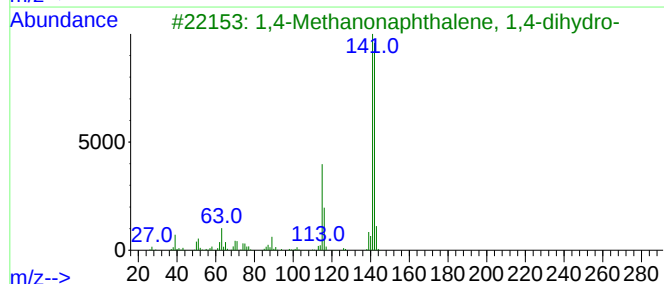
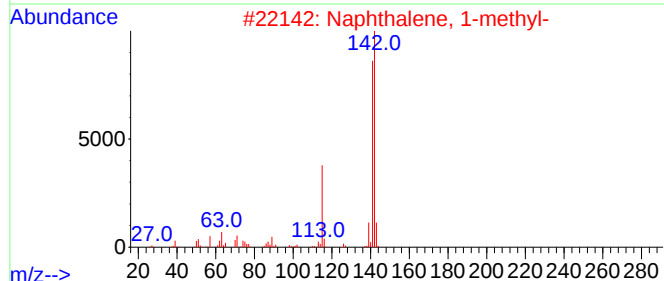
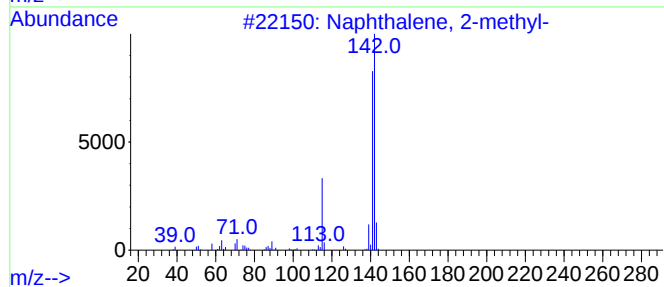
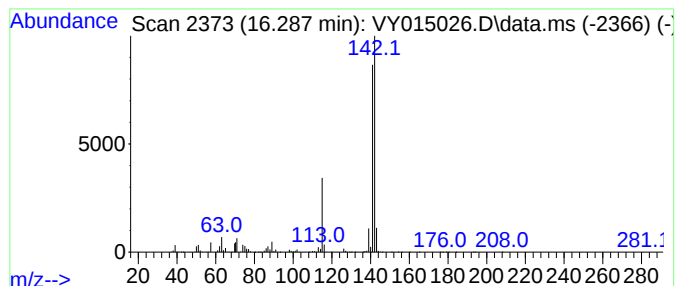
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Quant Title : SW846 8260

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.
16.288	134.21 ug/l	3813060	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	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015026.D
Acq On : 10 Aug 2023 14:41
Operator : SY/MD
Sample : 03952-01
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

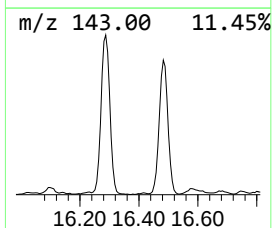
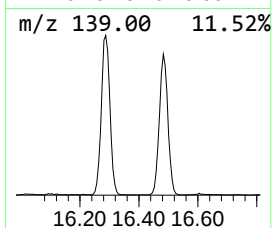
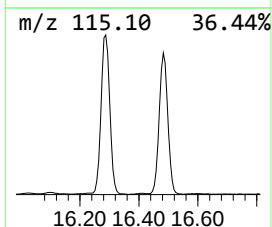
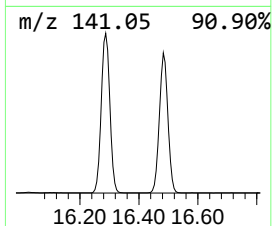
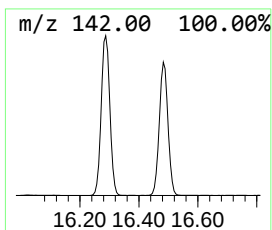
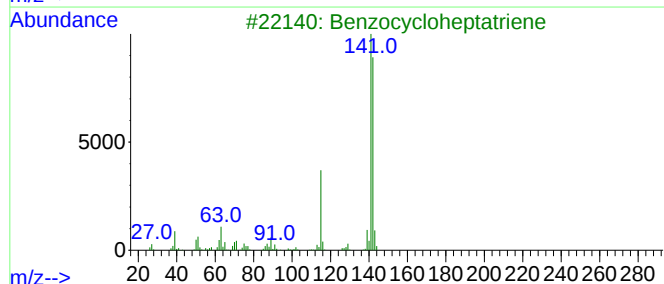
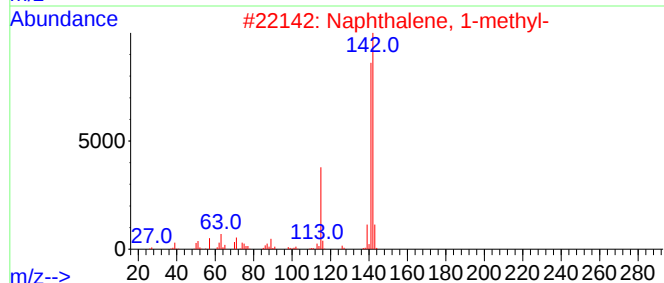
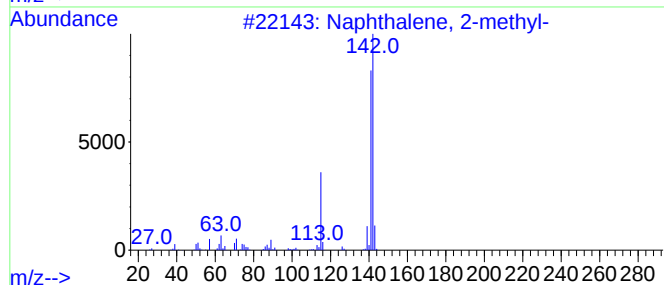
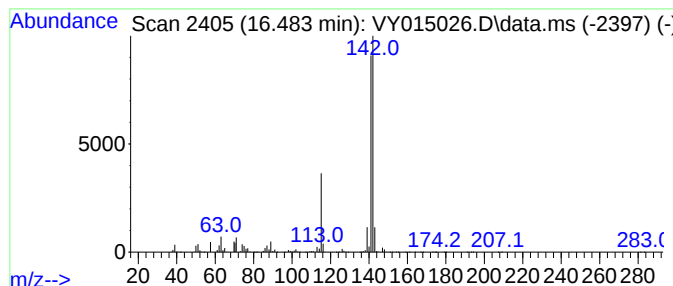
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Quant Title : SW846 8260

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.
16.483	116.31 ug/l	3304460	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			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015026.D
Acq On : 10 Aug 2023 14:41
Operator : SY/MD
Sample : 03952-01
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

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
Benzene, 1-ethy...	12.733	56.2	ug/l	1596510	4	13.422	1420530	50.0
Indane	13.623	320.1	ug/l	9095200	4	13.422	1420530	50.0
Benzene, 4-ethy...	13.971	27.8	ug/l	788366	4	13.422	1420530	50.0
1H-Indene, 2,3-...	14.562	33.6	ug/l	955436	4	13.422	1420530	50.0
Benzene, 1-meth...	14.672	22.8	ug/l	648825	4	13.422	1420530	50.0
2-Methylindene	14.745	52.0	ug/l	1476480	4	13.422	1420530	50.0
Benzene, (1-met...	14.830	67.4	ug/l	1914050	4	13.422	1420530	50.0
Azulene	15.233	901.6	ug/l	25615500	4	13.422	1420530	50.0
1,4-Methanonaph...	16.288	134.2	ug/l	3813060	4	13.422	1420530	50.0
Benzocyclohepta...	16.483	116.3	ug/l	3304460	4	13.422	1420530	50.0