

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015013.D
 Acq On : 09 Aug 2023 18:16
 Operator : SY/MD
 Sample : 03943-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP21B

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: VY015013.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	464	475	485	rBV2	12209	38721	1.93%	0.548%
2	6.978	836	846	858	rBV2	11132	35695	1.78%	0.505%
3	7.716	958	967	972	rBV	34654	80976	4.04%	1.146%
4	7.783	972	978	988	rVB	68656	155976	7.79%	2.207%
5	8.137	1024	1036	1050	rBV4	36492	103630	5.18%	1.466%
6	8.685	1117	1126	1136	rBV	95987	192933	9.64%	2.730%
7	10.179	1363	1371	1378	rBV	147666	260314	13.00%	3.684%
8	11.490	1578	1586	1595	rBV	129929	216882	10.83%	3.069%
9	11.587	1595	1602	1611	rBV	126946	206350	10.31%	2.920%
10	11.697	1613	1620	1629	rBV	83076	150671	7.53%	2.132%
11	12.026	1667	1674	1683	rVB	56416	94346	4.71%	1.335%
12	12.325	1713	1723	1727	rBV2	23466	45125	2.25%	0.639%
13	12.477	1743	1748	1761	rVB2	109815	188936	9.44%	2.674%
14	12.733	1784	1790	1793	rVV	125147	204884	10.23%	2.899%
15	12.764	1793	1795	1799	rVV	79597	101573	5.07%	1.437%
16	12.806	1799	1802	1807	rVV	40437	66020	3.30%	0.934%
17	12.910	1809	1819	1822	rVV6	14387	51702	2.58%	0.732%
18	12.971	1824	1829	1835	rVB	28020	55034	2.75%	0.779%
19	13.117	1844	1853	1858	rBV	122713	196487	9.81%	2.780%
20	13.166	1858	1861	1867	rVB3	26145	38436	1.92%	0.544%
21	13.312	1880	1885	1890	rVB	15302	21996	1.10%	0.311%
22	13.422	1897	1903	1907	rBV	127040	209160	10.45%	2.960%
23	13.495	1912	1915	1920	rVB	19581	27996	1.40%	0.396%
24	13.623	1925	1936	1941	rBV	637936	1054415	52.67%	14.921%
25	13.751	1951	1957	1961	rVB2	16894	23774	1.19%	0.336%
26	13.910	1980	1983	1987	rVB2	16856	23698	1.18%	0.335%
27	13.965	1987	1992	1997	rBV	53385	87185	4.36%	1.234%
28	14.074	2005	2010	2014	rBV	24420	43319	2.16%	0.613%
29	14.288	2037	2045	2048	rBV3	10147	22064	1.10%	0.312%
30	14.331	2048	2052	2056	rVB	22278	32435	1.62%	0.459%
31	14.379	2056	2060	2064	rBV2	17553	23624	1.18%	0.334%
32	14.562	2085	2090	2094	rBV	57528	87350	4.36%	1.236%
33	14.678	2102	2109	2112	rBV4	33325	80221	4.01%	1.135%
34	14.745	2113	2120	2128	rVB2	72799	179778	8.98%	2.544%
35	14.830	2128	2134	2143	rBV	80999	140194	7.00%	1.984%
36	14.928	2144	2150	2157	rVB4	22869	52083	2.60%	0.737%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

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

37	15.233	2189	2200	2209	rBV	1191319	2001907	100.00%	28.328%
38	15.330	2210	2216	2222	rVB2	22090	49107	2.45%	0.695%
39	16.288	2366	2373	2385	rVB	103975	209378	10.46%	2.963%
40	16.483	2398	2405	2414	rVB	103664	212502	10.61%	3.007%

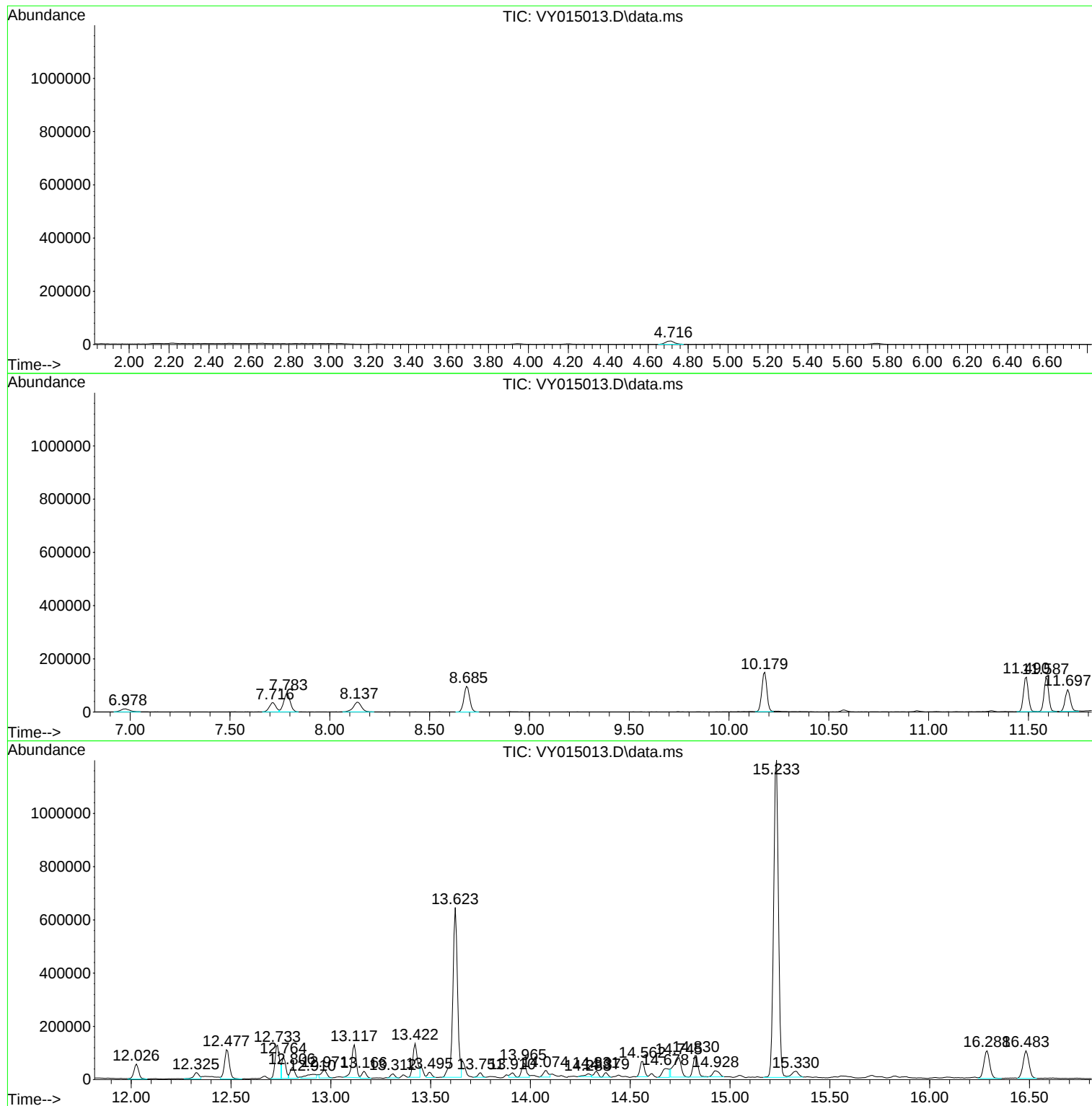
Sum of corrected areas: 7066877

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

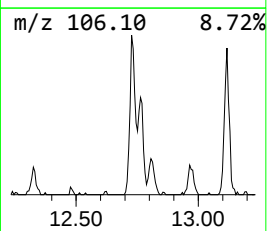
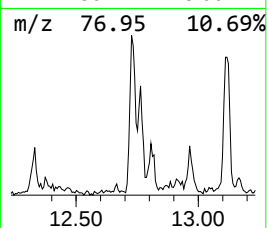
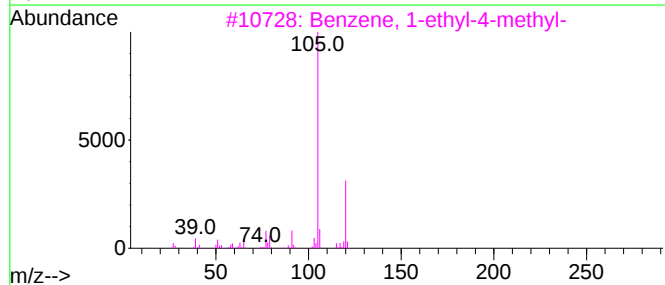
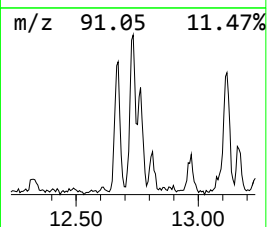
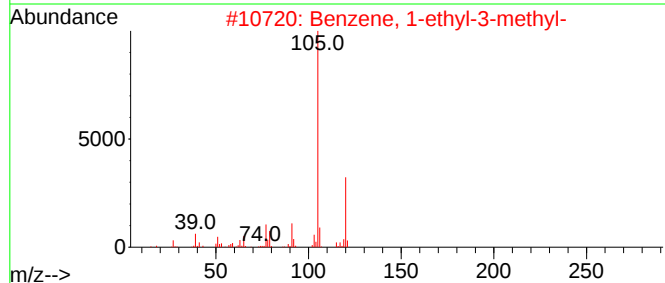
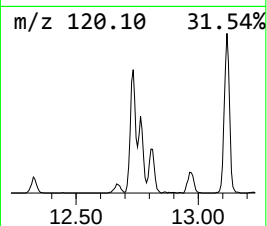
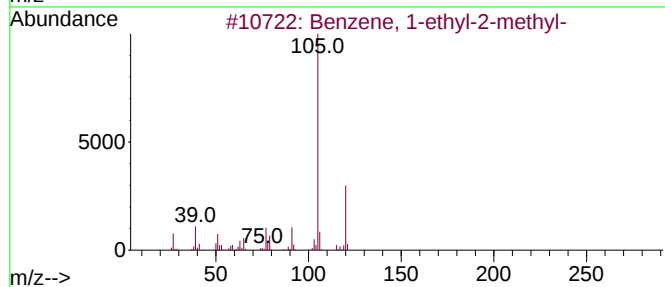
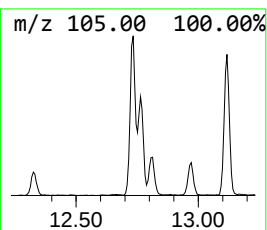
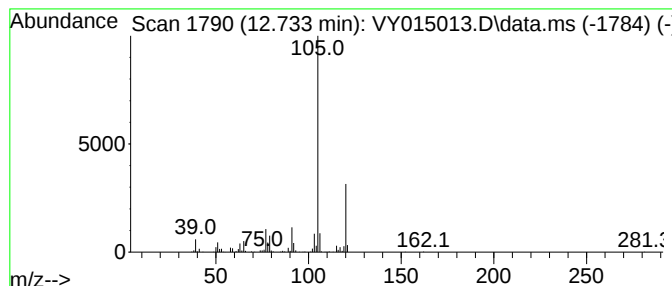
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	48.98 ug/l	204884	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			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

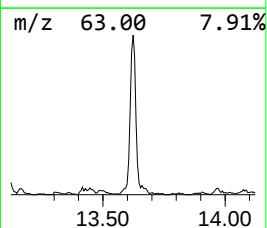
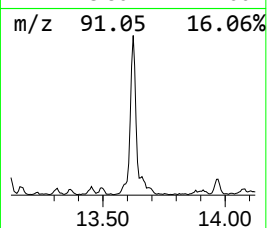
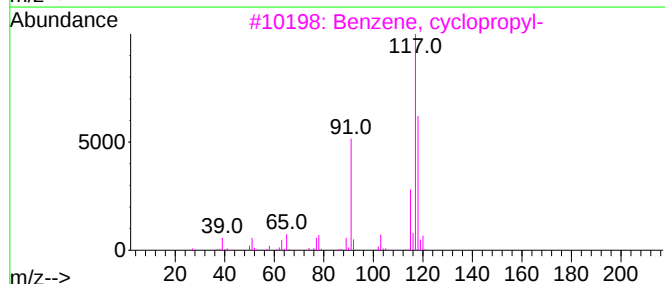
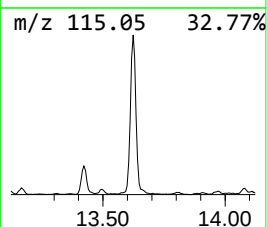
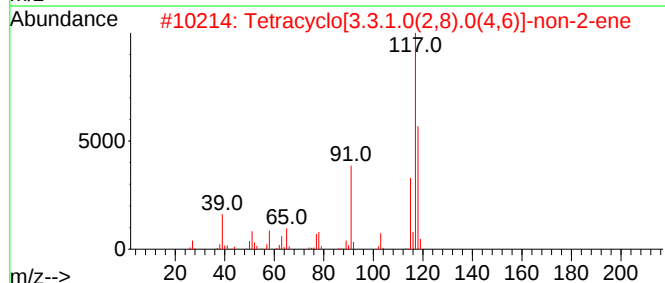
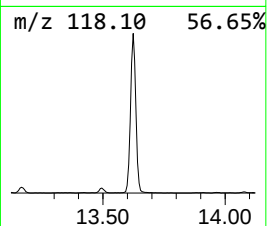
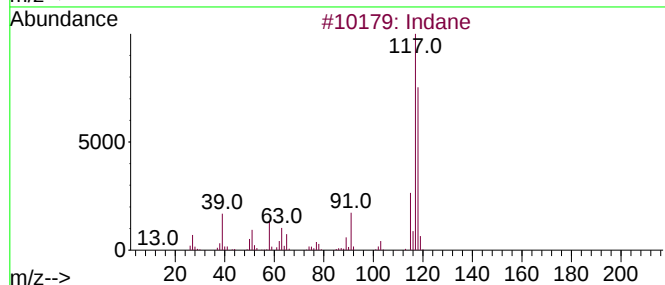
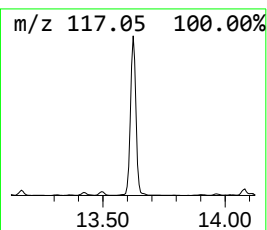
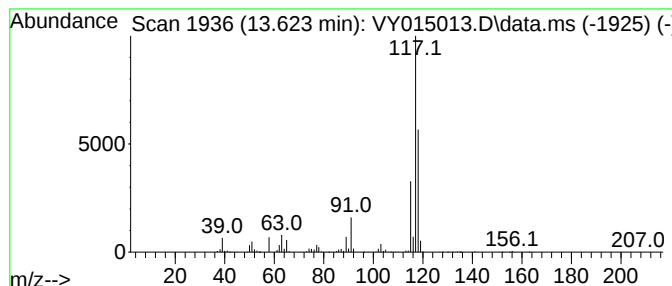
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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	252.06 ug/l	1054420	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4			1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

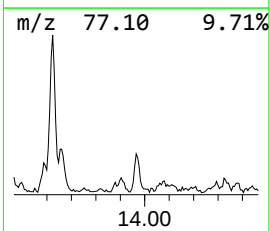
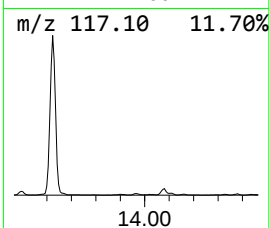
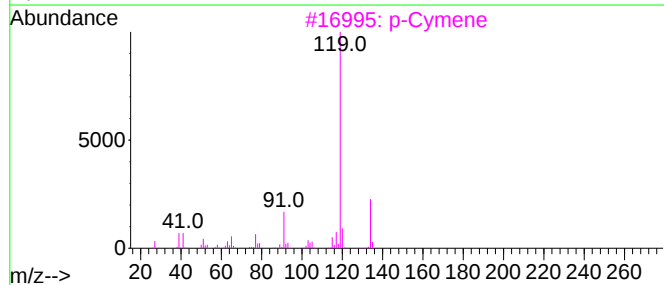
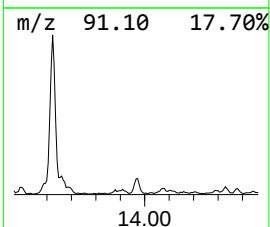
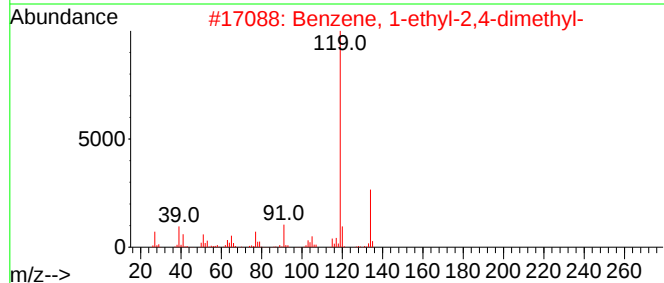
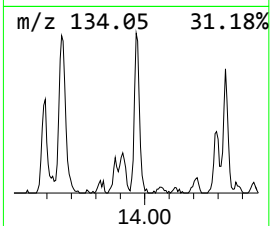
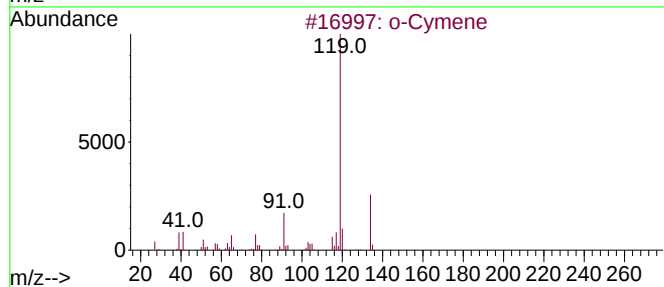
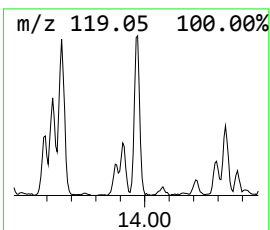
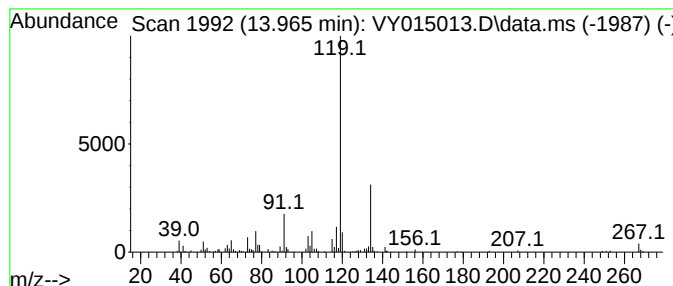
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	20.84 ug/l	87185	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3			p-Cymene	134	C10H14	000099-87-6	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

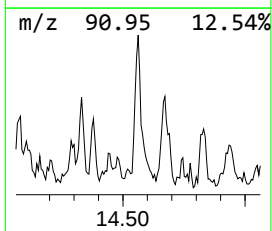
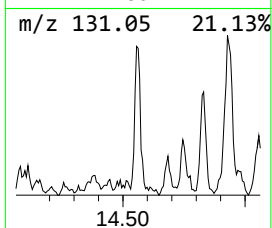
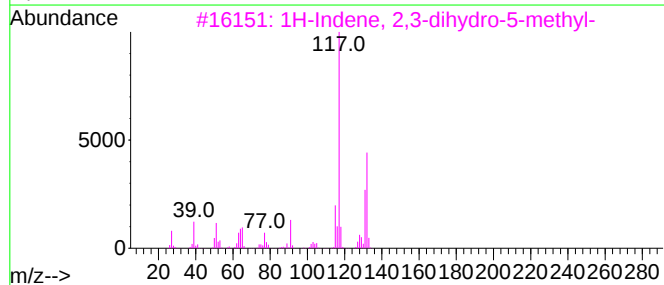
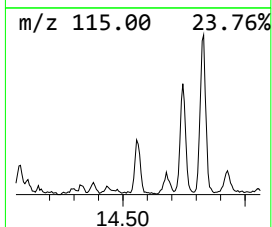
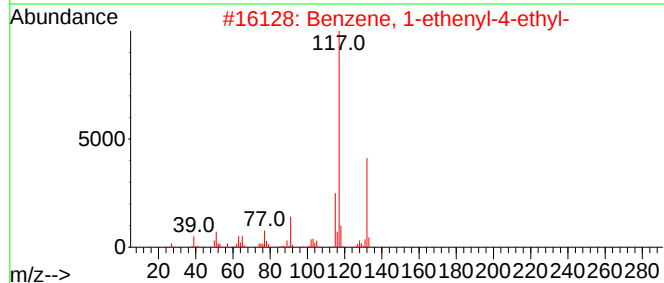
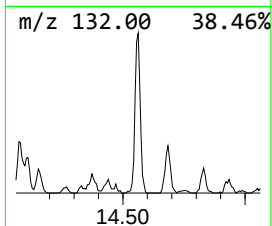
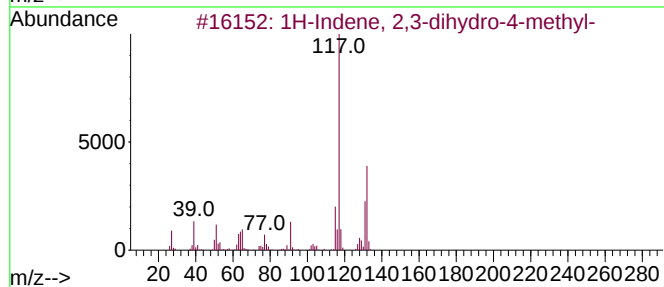
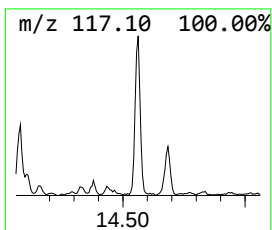
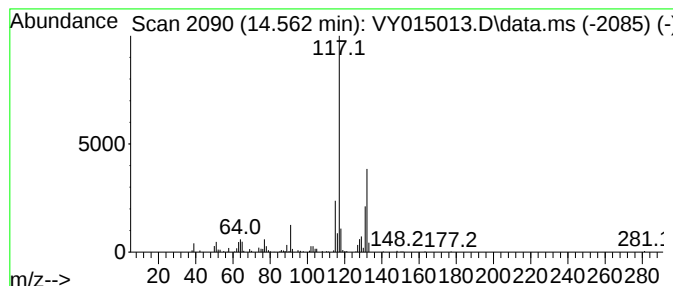
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	20.88 ug/l	87350	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, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4			Indan, 1-methyl-	132	C10H12	000767-58-8	87
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

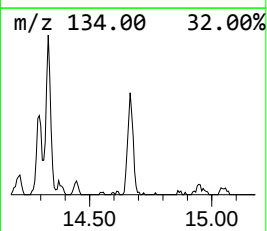
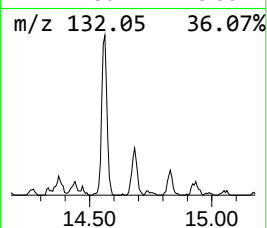
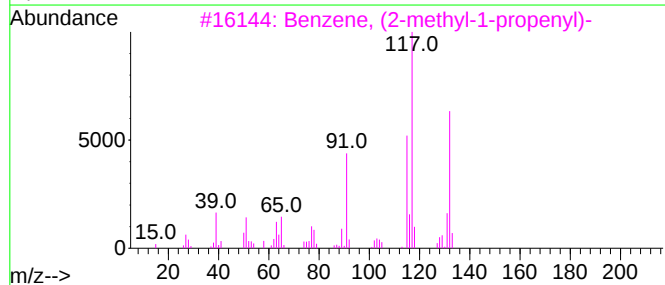
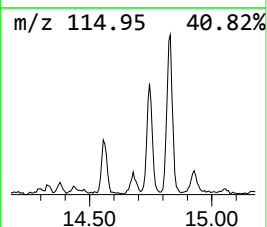
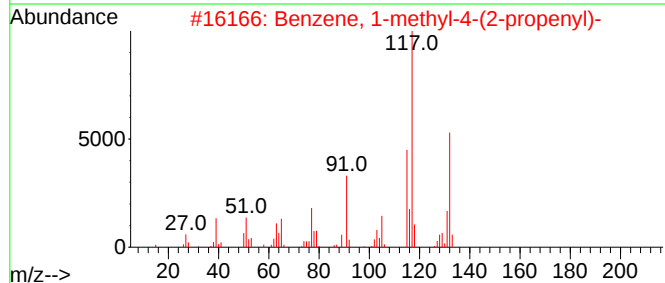
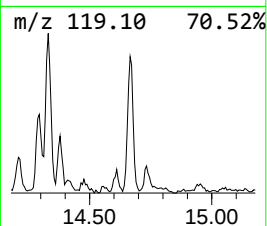
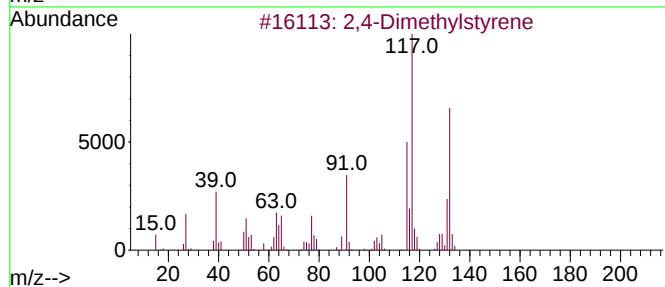
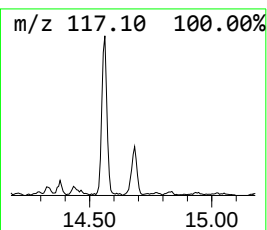
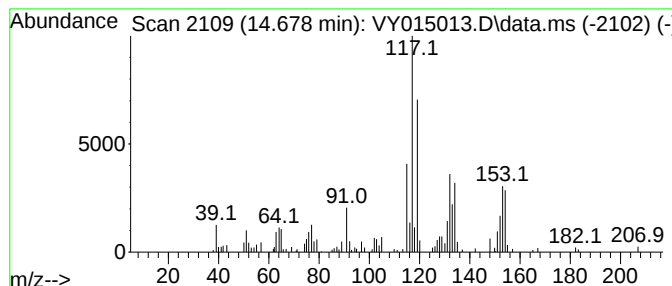
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

Peak Number 5 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	19.18 ug/l	80221	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	50
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
5			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

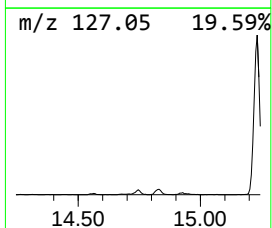
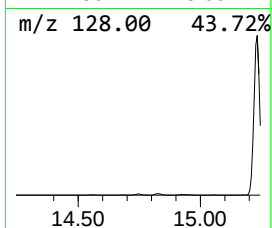
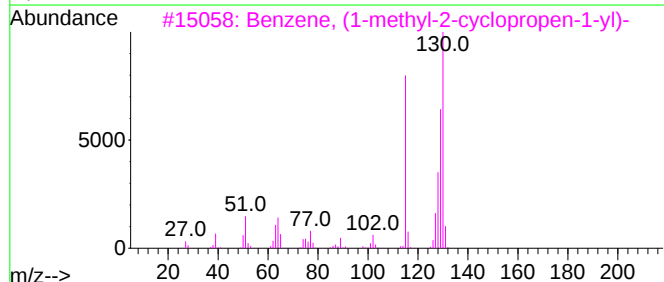
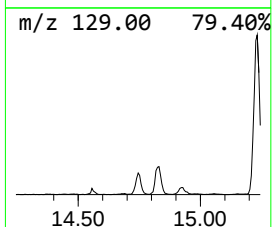
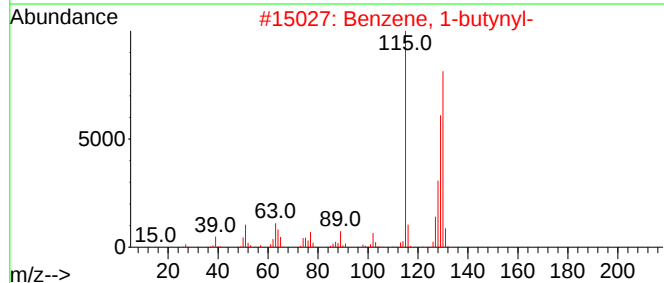
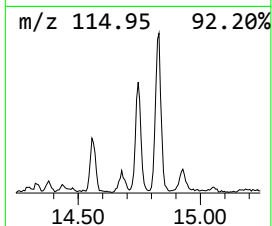
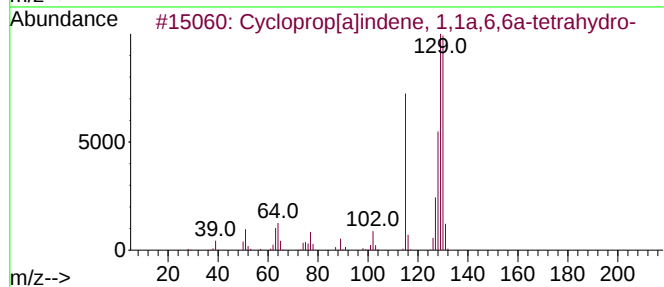
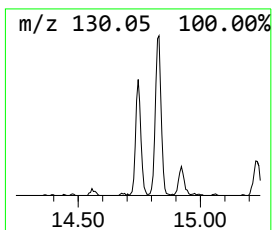
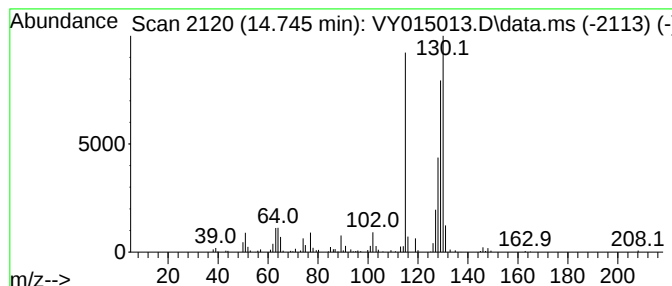
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	42.98 ug/l	179778	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-butynyl-	130	C10H10	000622-76-4	94
3			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5			2-Methylindene	130	C10H10	002177-47-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

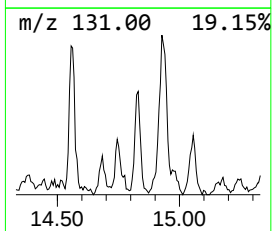
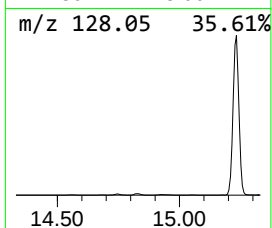
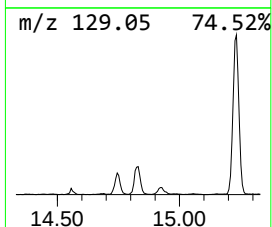
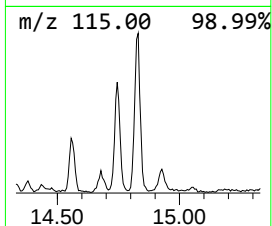
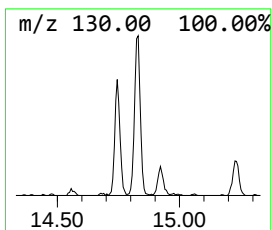
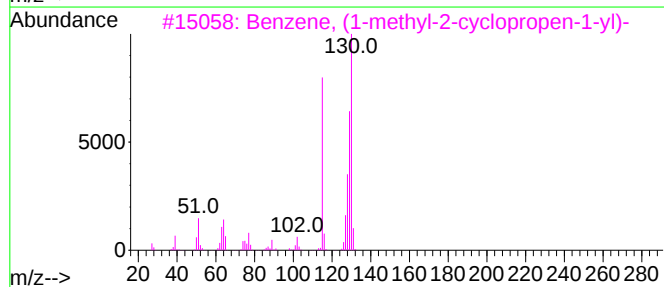
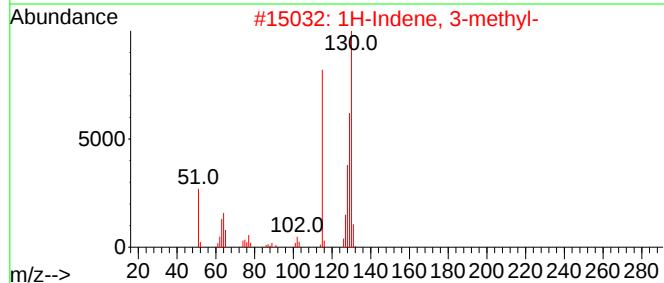
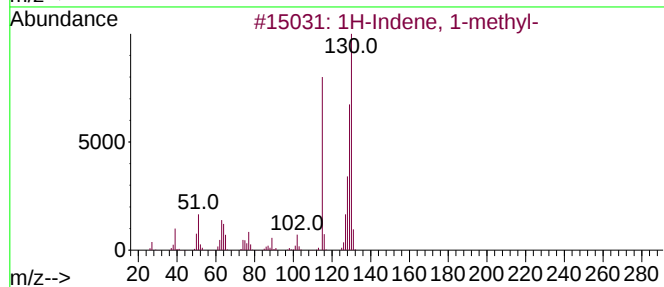
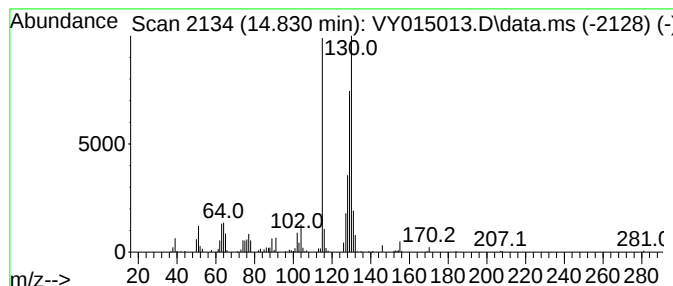
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.831	33.51 ug/l	140194	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	93
2			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93
3			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	92
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
5			Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	130	C10H10	015677-15-3	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015013.D
Acq On : 09 Aug 2023 18:16
Operator : SY/MD
Sample : 03943-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

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	49.0	ug/l	204884	4	13.422	209160	50.0
Indane	13.623	252.1	ug/l	1054420	4	13.422	209160	50.0
o-Cymene	13.965	20.8	ug/l	87185	4	13.422	209160	50.0
1H-Indene, 2,3-...	14.562	20.9	ug/l	87350	4	13.422	209160	50.0
2,4-Dimethylsty...	14.678	19.2	ug/l	80221	4	13.422	209160	50.0
Cycloprop[a]ind...	14.745	43.0	ug/l	179778	4	13.422	209160	50.0
1H-Indene, 1-me...	14.831	33.5	ug/l	140194	4	13.422	209160	50.0