

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019685.D
 Acq On : 24 Sep 2024 16:18
 Operator : SY/MD
 Sample : P4168-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-09242024

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\82Y090924S.M
 Title : SW846 8260

Signal : TIC: VY019685.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.628	960	969	975	rBV	37823	89975	1.32%	0.709%
2	7.701	975	981	995	rVB	72487	172416	2.52%	1.359%
3	8.073	1028	1042	1051	rBV4	53347	168344	2.46%	1.326%
4	8.610	1123	1130	1140	rBV	101029	207619	3.04%	1.636%
5	10.109	1367	1376	1381	rBV	152140	278681	4.08%	2.196%
6	10.170	1381	1386	1396	rVB	100010	178381	2.61%	1.406%
7	11.414	1585	1590	1598	rVB	130100	215400	3.15%	1.697%
8	11.621	1618	1624	1633	rBV	183679	332861	4.87%	2.623%
9	11.957	1667	1679	1685	rBV3	188003	418569	6.13%	3.298%
10	12.408	1747	1753	1761	rBV2	105922	179000	2.62%	1.410%
11	12.603	1769	1785	1787	rBV5	77109	221019	3.24%	1.742%
12	12.658	1791	1794	1802	rVV	81628	202188	2.96%	1.593%
13	12.737	1802	1807	1811	rVV	111158	201862	2.96%	1.591%
14	12.798	1812	1817	1829	rVV3	56358	218467	3.20%	1.721%
15	13.042	1851	1857	1862	rBV	204871	307371	4.50%	2.422%
16	13.347	1902	1907	1910	rVV	110860	197859	2.90%	1.559%
17	13.377	1910	1912	1916	rVV	94097	138461	2.03%	1.091%
18	13.420	1916	1919	1930	rVB5	48497	94708	1.39%	0.746%
19	13.548	1930	1940	1944	rBV2	41582	79685	1.17%	0.628%
20	13.725	1963	1969	1977	rBV	580292	914676	13.39%	7.207%
21	14.090	2023	2029	2040	rVB9	23933	77530	1.14%	0.611%
22	14.670	2118	2124	2131	rBV3	46606	90970	1.33%	0.717%
23	14.749	2131	2137	2142	rVB2	53902	90776	1.33%	0.715%
24	15.145	2194	2202	2210	rBV	4029191	6829735	100.00%	53.816%
25	15.236	2210	2217	2230	rVB2	120456	271447	3.97%	2.139%
26	16.175	2364	2371	2379	rVB	183701	340954	4.99%	2.687%
27	16.370	2395	2403	2411	rBV	82087	171900	2.52%	1.355%

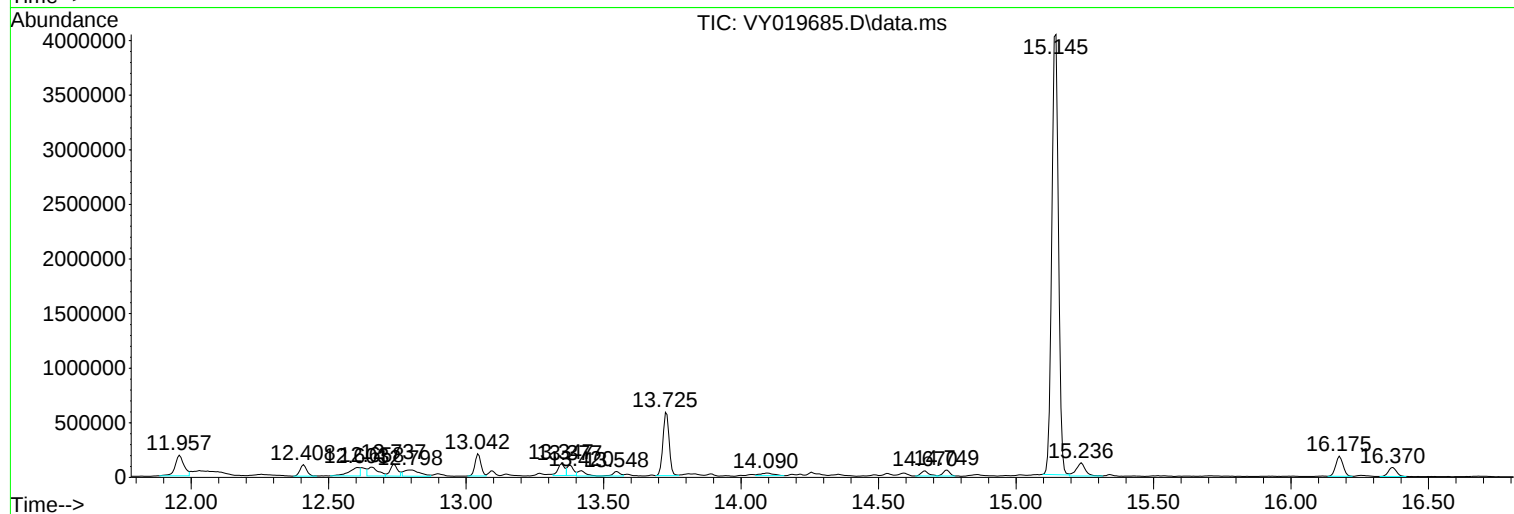
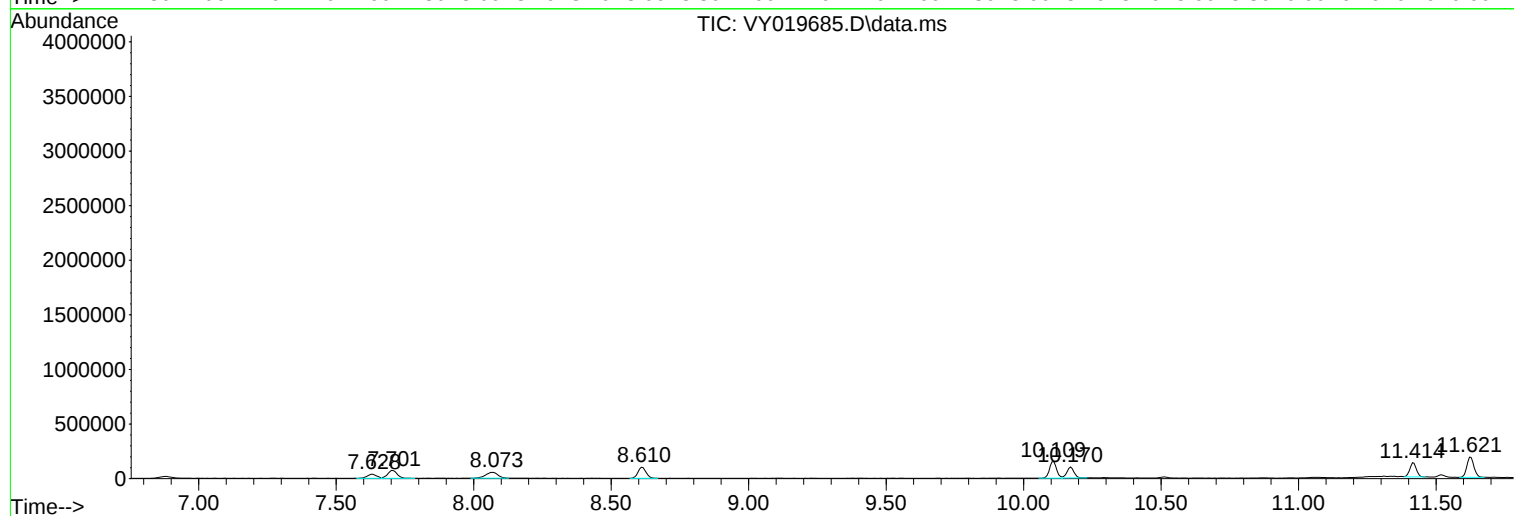
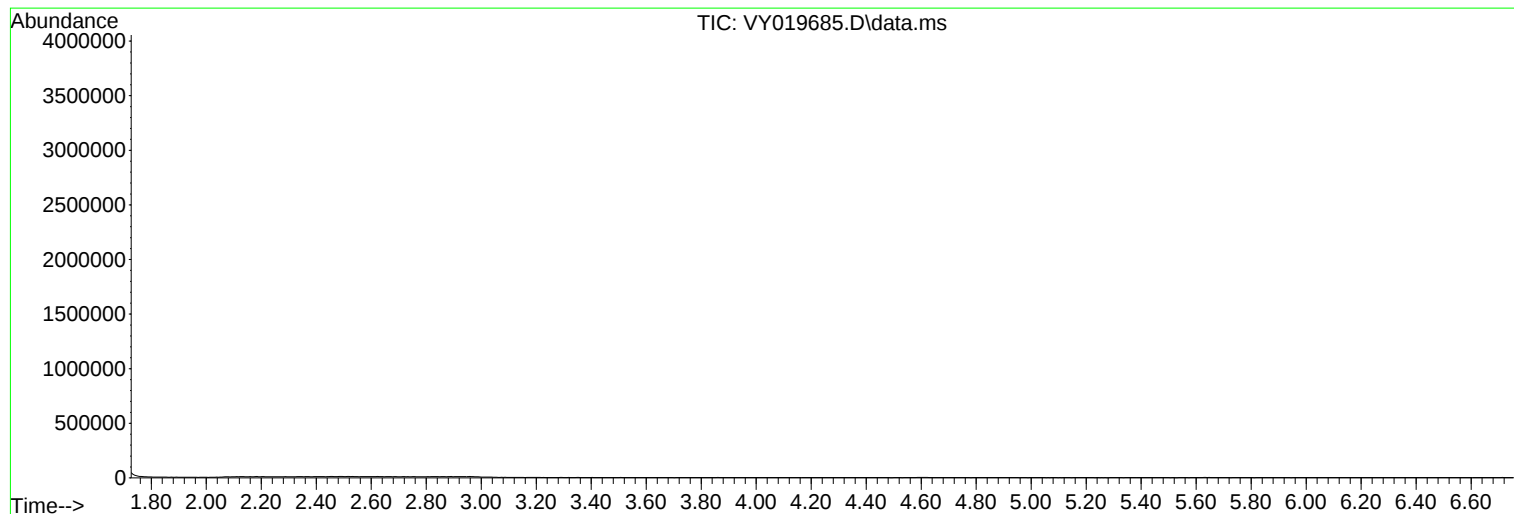
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-09242024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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



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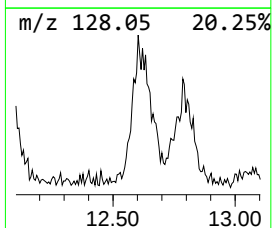
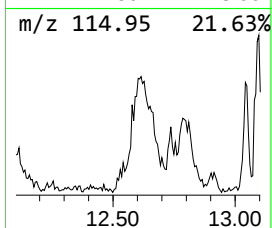
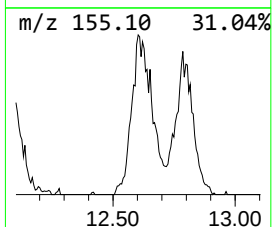
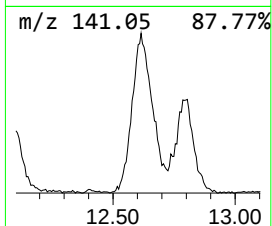
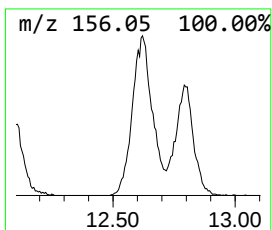
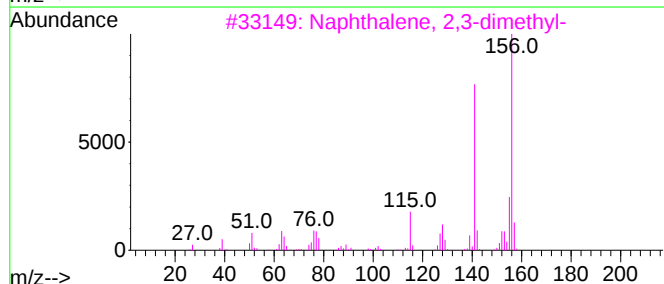
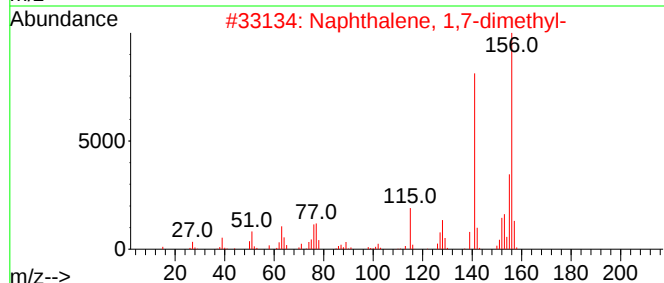
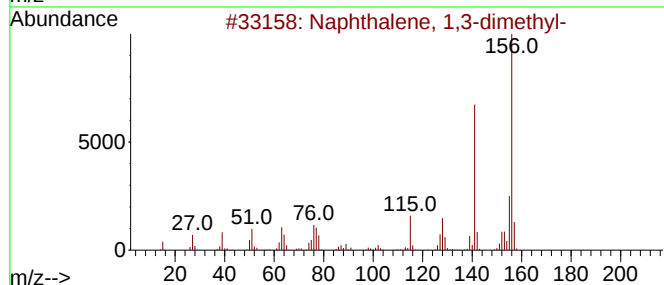
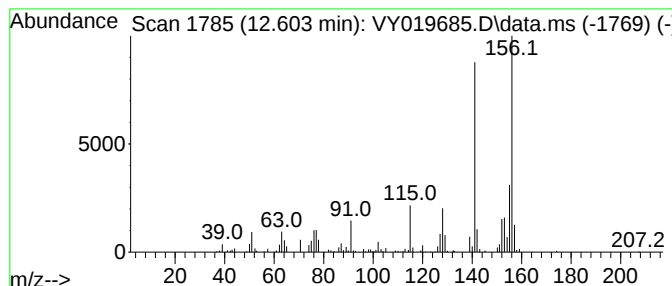
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.603	55.85 ug/l	221019	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



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MSVOA_Y
ClientSampleId :
SU-04-09242024

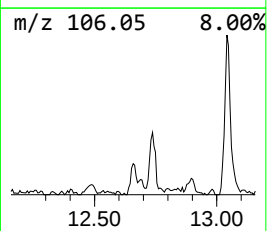
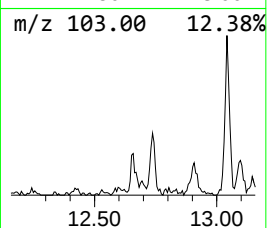
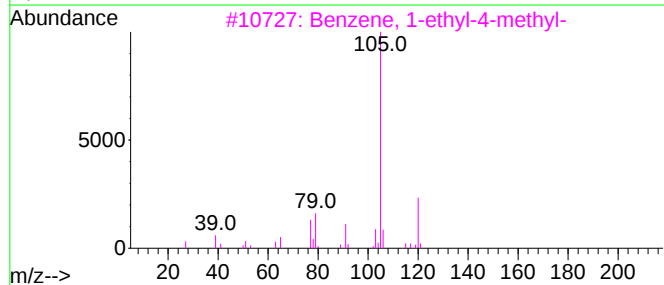
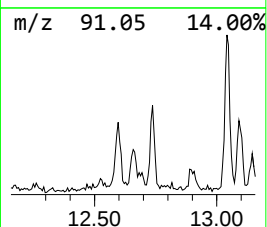
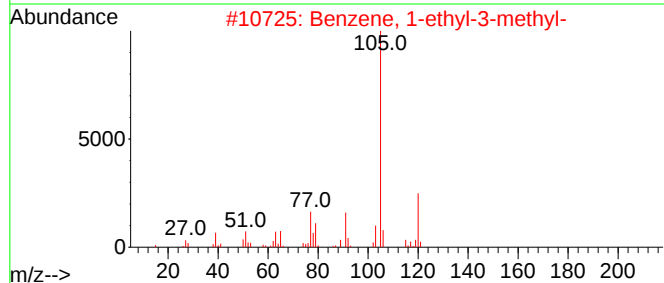
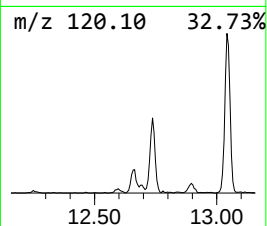
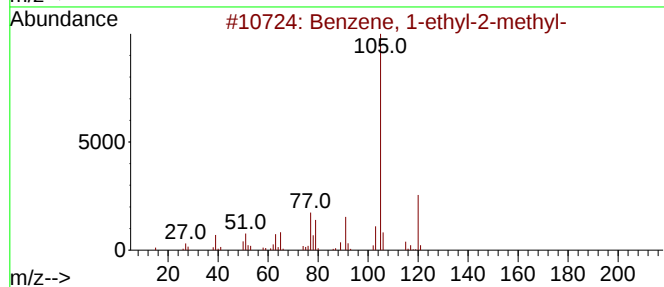
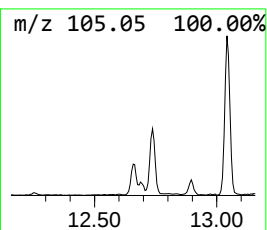
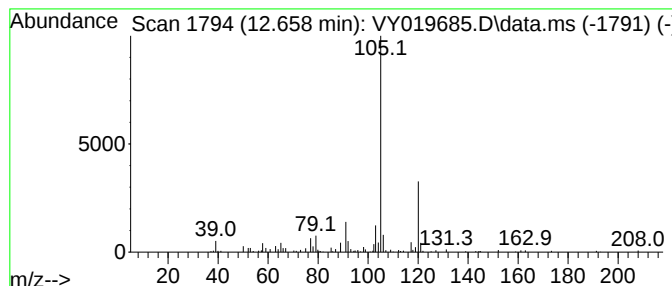
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.658	51.09 ug/l	202188	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	80
5			Mesitylene	120	C9H12	000108-67-8	80



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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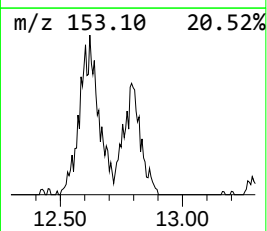
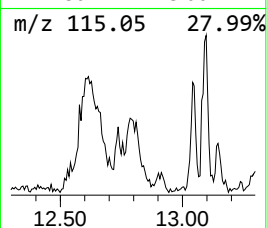
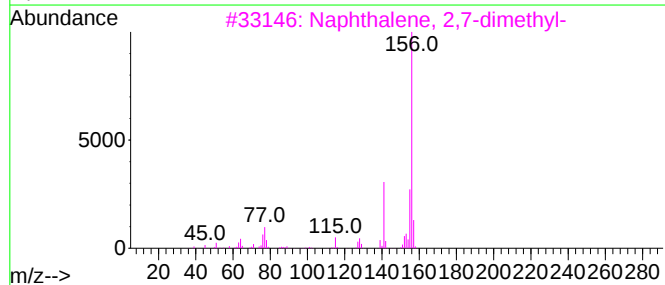
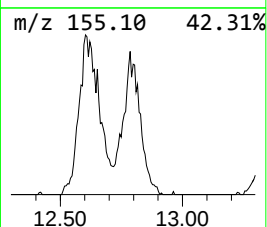
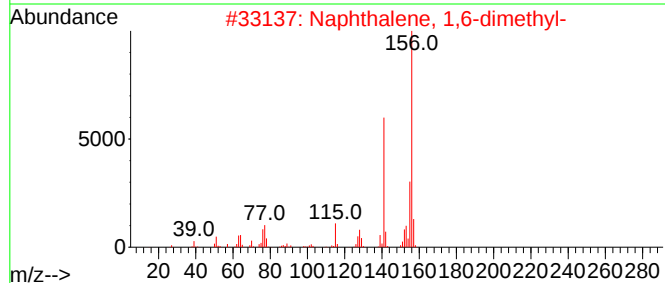
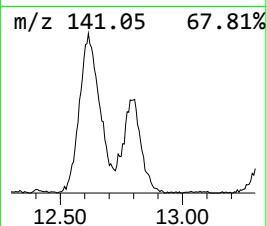
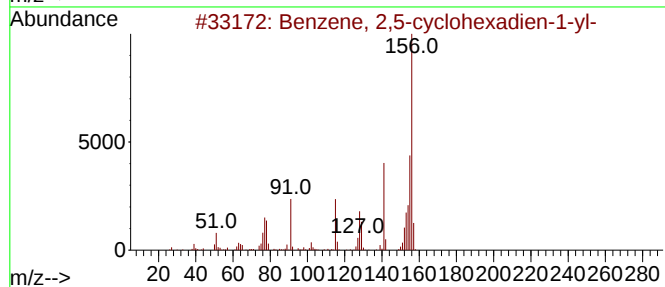
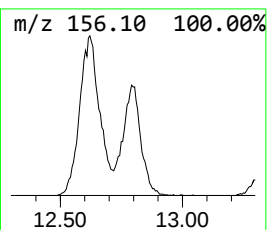
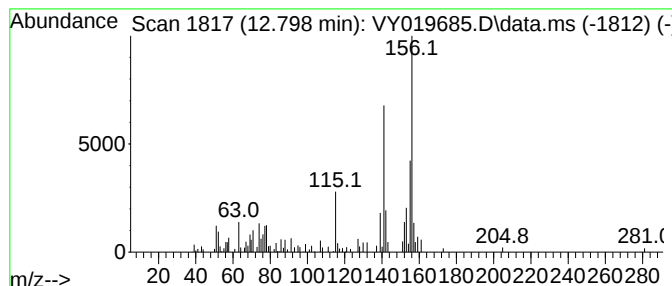
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2,5-cyclohexadien-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	55.21 ug/l	218467	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	86
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	74
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	74
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	68
5			Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	58



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ALS Vial : 15 Sample Multiplier: 1

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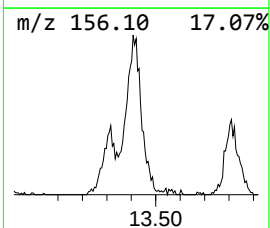
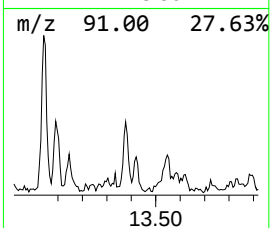
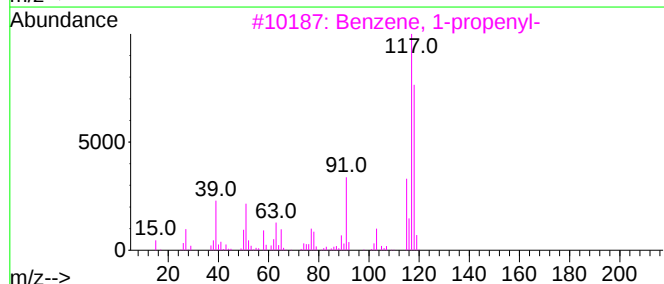
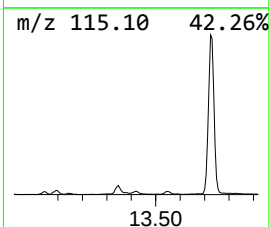
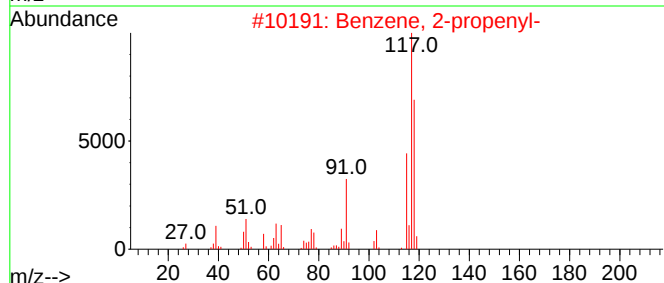
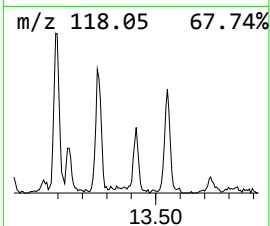
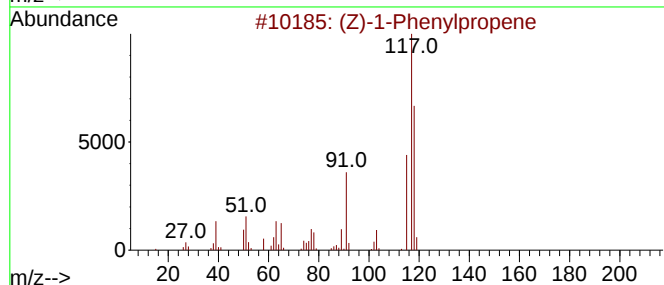
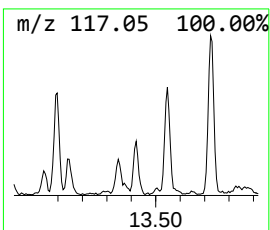
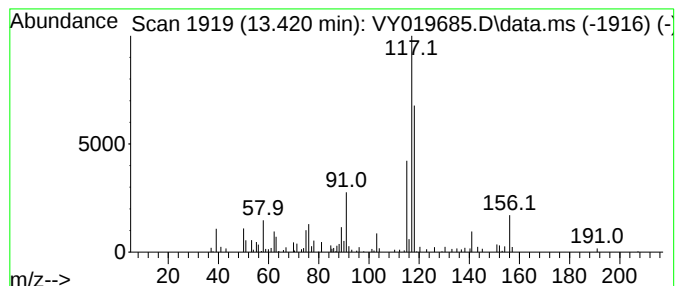
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (Z)-1-Phenylpropene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	23.93 ug/l	94708	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	58
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	52
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	52
5			Indane	118	C9H10	000496-11-7	50



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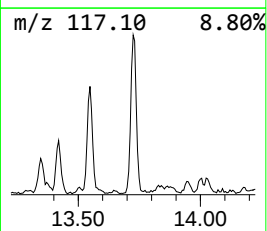
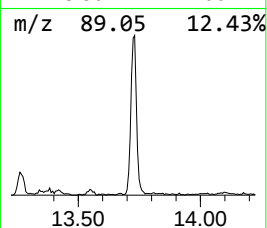
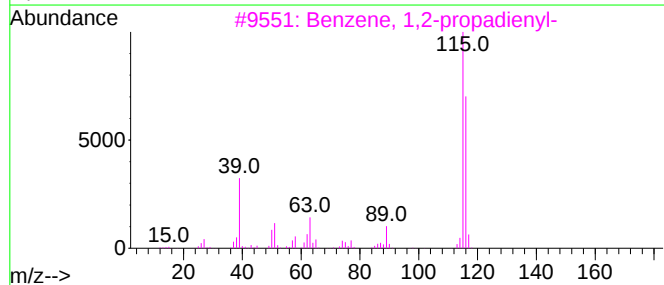
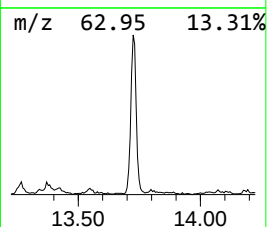
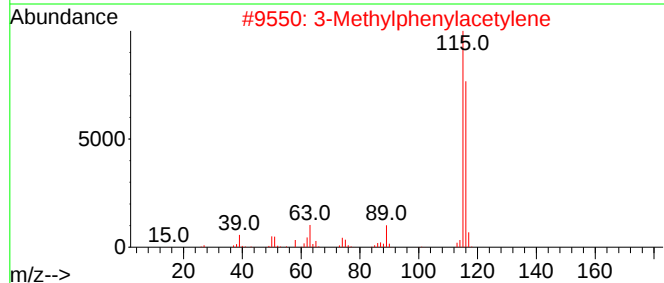
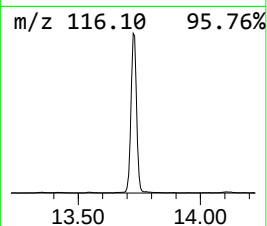
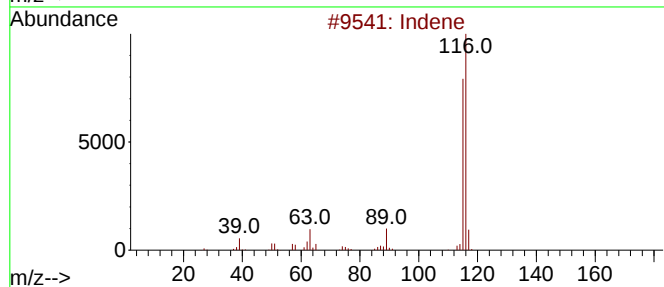
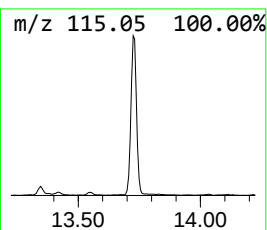
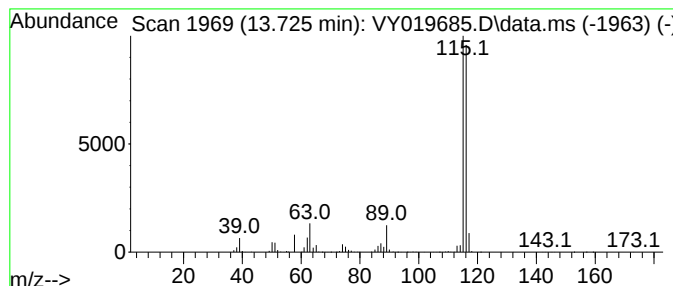
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 5 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.725	231.14 ug/l	914676	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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SU-04-09242024

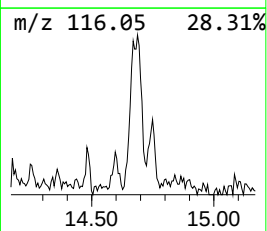
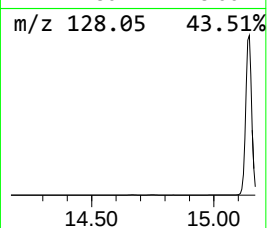
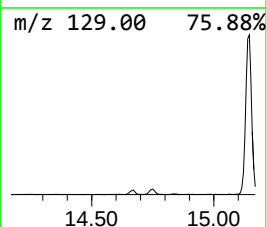
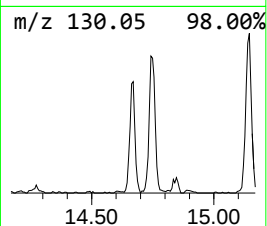
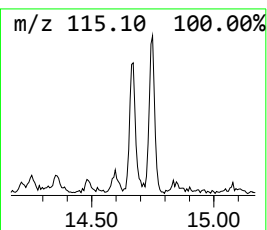
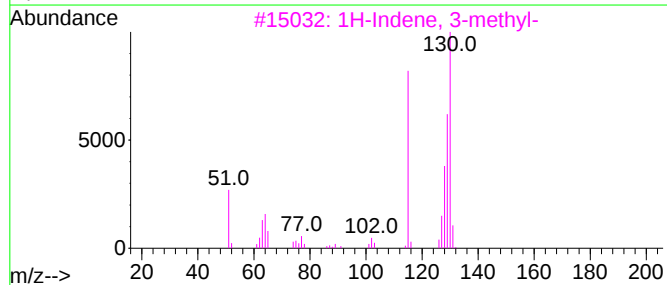
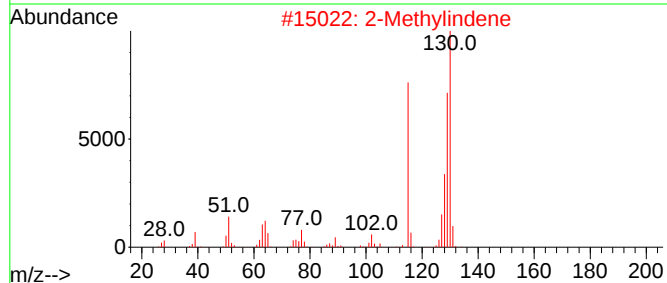
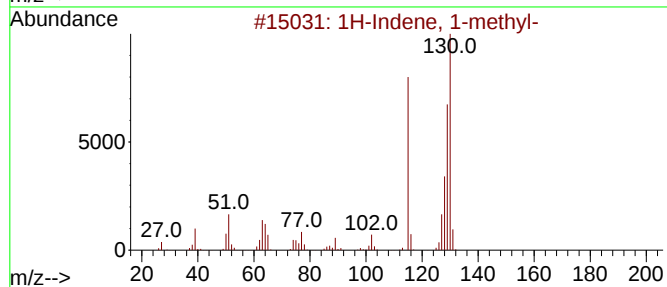
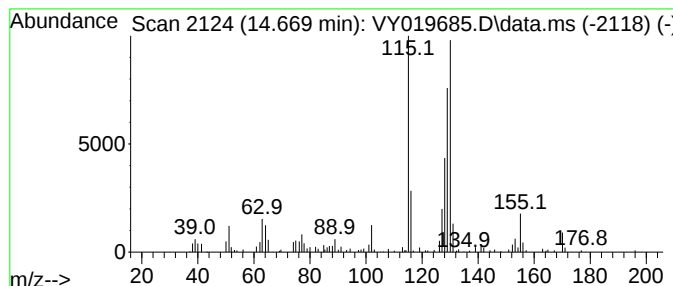
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	22.99 ug/l	90970	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2			2-Methylindene	130	C10H10	002177-47-1	95
3			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
Data File : VY019685.D
Acq On : 24 Sep 2024 16:18
Operator : SY/MD
Sample : P4168-03
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-09242024

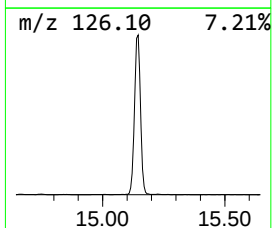
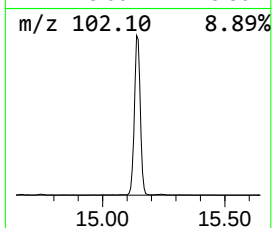
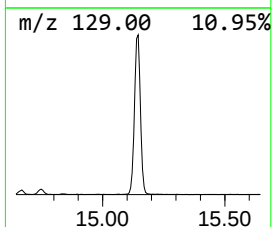
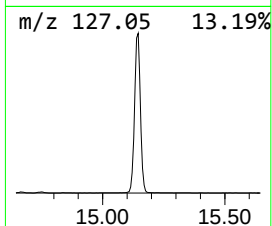
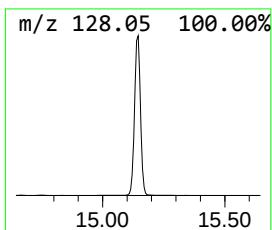
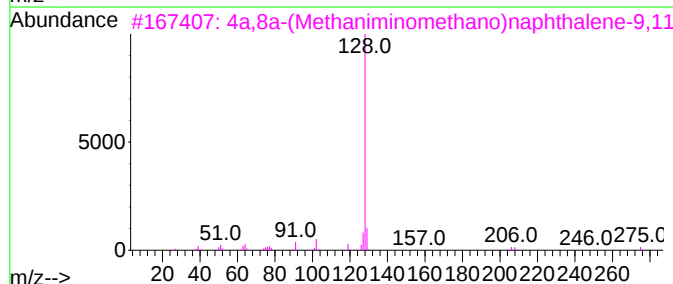
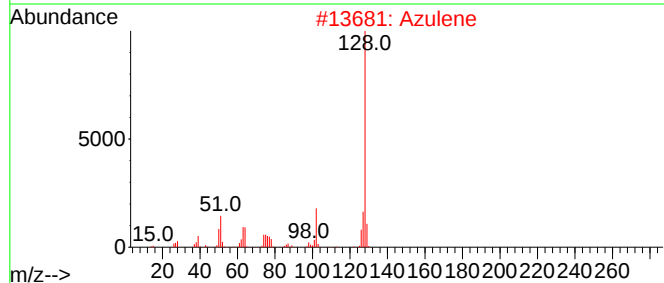
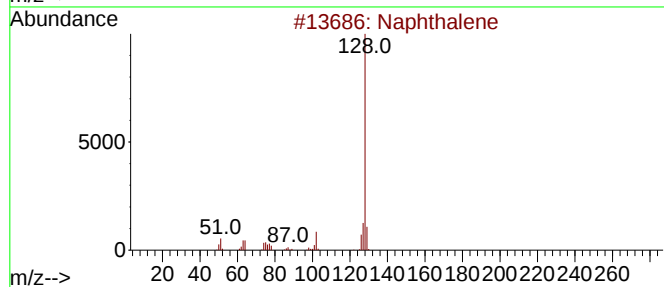
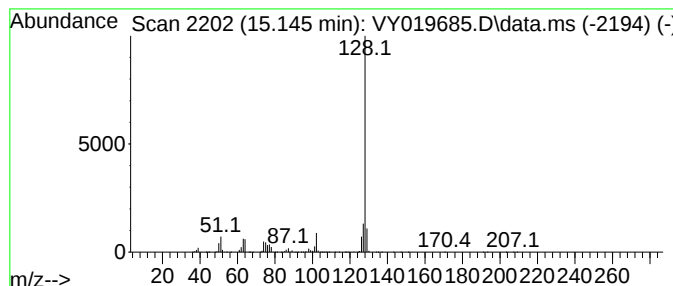
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Quant Title : SW846 8260

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

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	1725.91 ug/l	6829740	1,4-Dichlorobenzene-d4	13.347

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			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	47
5			1,4-Benzenedicarbonitrile	128	C8H4N2	000623-26-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
Data File : VY019685.D
Acq On : 24 Sep 2024 16:18
Operator : SY/MD
Sample : P4168-03
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-09242024

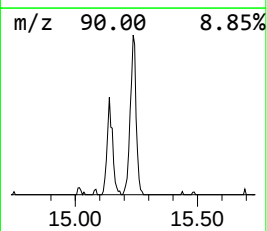
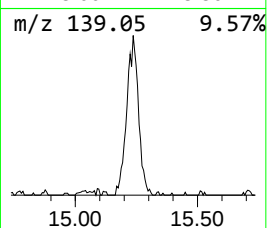
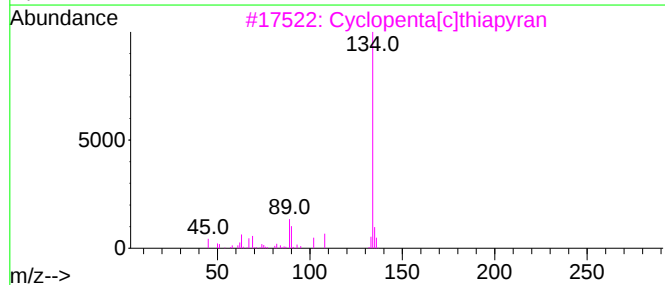
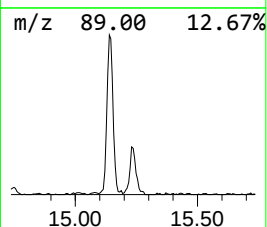
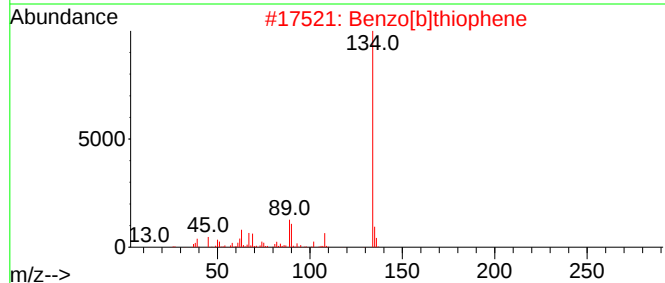
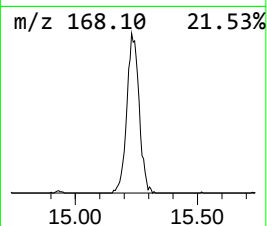
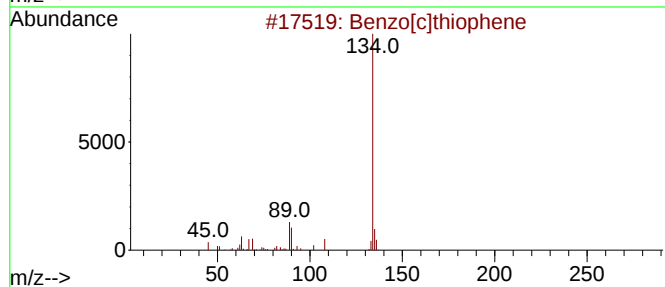
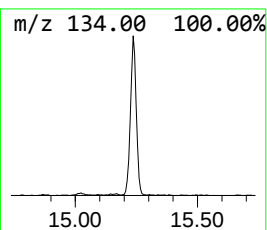
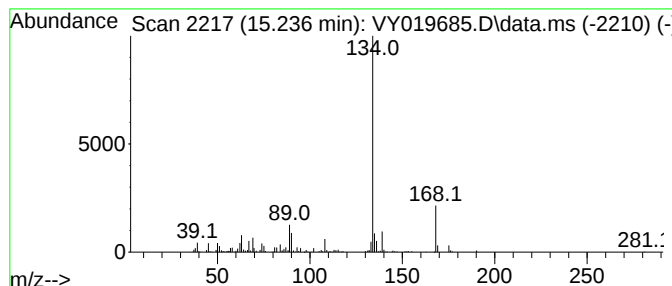
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.236	68.60 ug/l	271447	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	89
4			5-Phenyl-1,2,3-thiadiazole	162	C8H6N2S	018212-29-8	53
5			3-(Bromomethyl)-4-fluorobenzonit...	213	C8H5BrFN	856935-35-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
Data File : VY019685.D
Acq On : 24 Sep 2024 16:18
Operator : SY/MD
Sample : P4168-03
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-09242024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	12.603	55.9	ug/l	221019	4	13.347	197859	50.0
Benzene, 1-ethy...	12.658	51.1	ug/l	202188	4	13.347	197859	50.0
Benzene, 2,5-cy...	12.798	55.2	ug/l	218467	4	13.347	197859	50.0
(Z)-1-Phenylpro...	13.420	23.9	ug/l	94708	4	13.347	197859	50.0
Indene	13.725	231.1	ug/l	914676	4	13.347	197859	50.0
1H-Indene, 1-me...	14.669	23.0	ug/l	90970	4	13.347	197859	50.0
Azulene	15.145	1725.9	ug/l	6829740	4	13.347	197859	50.0
Benzo[c]thiophene	15.236	68.6	ug/l	271447	4	13.347	197859	50.0