

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015834.D
 Acq On : 04 Oct 2023 17:48
 Operator : SY/MD
 Sample : 04693-03
 Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2(10-15)

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\82Y091923S.M

Title : SW846 8260

Signal : TIC: VY015834.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	17	rVB2	8677	14559	1.05%	0.142%
2	3.948	339	349	371	rBV	37817	128432	9.28%	1.257%
3	4.180	378	387	398	rBV2	13809	38153	2.76%	0.373%
4	4.704	461	473	487	rBV2	51030	159802	11.54%	1.563%
5	5.741	632	643	655	rBV3	12144	37981	2.74%	0.372%
6	6.990	838	848	861	rBV	19903	60036	4.34%	0.587%
7	7.710	956	966	972	rBV	198334	468524	33.84%	4.584%
8	7.783	972	978	990	rVB	333057	748847	54.09%	7.326%
9	8.137	1027	1036	1049	rBV	214445	468747	33.86%	4.586%
10	8.685	1117	1126	1140	rBV	524085	1016460	73.41%	9.944%
11	10.179	1361	1371	1378	rBV	796574	1384544	100.00%	13.546%
12	11.490	1576	1586	1593	rBV	726239	1200763	86.73%	11.748%
13	12.337	1708	1725	1728	rBV2	53708	141843	10.24%	1.388%
14	12.477	1742	1748	1762	rVB	611141	1017529	73.49%	9.955%
15	12.770	1785	1796	1799	rBV10	6249	21122	1.53%	0.207%
16	12.806	1799	1802	1805	rVV3	10286	19792	1.43%	0.194%
17	12.922	1805	1821	1833	rVV3	125428	677878	48.96%	6.632%
18	13.050	1834	1842	1859	rVB5	66519	297789	21.51%	2.913%
19	13.264	1866	1877	1884	rBV10	7277	23372	1.69%	0.229%
20	13.337	1885	1889	1891	rVV3	12001	19077	1.38%	0.187%
21	13.367	1891	1894	1897	rVV	14970	24059	1.74%	0.235%
22	13.422	1897	1903	1910	rVV	689703	1055988	76.27%	10.331%
23	13.532	1910	1921	1930	rVV5	35892	156769	11.32%	1.534%
24	13.636	1932	1938	1951	rVB4	46842	162554	11.74%	1.590%
25	13.965	1985	1992	1994	rBV2	23486	43703	3.16%	0.428%
26	14.007	1995	1999	2009	rVB4	25245	70529	5.09%	0.690%
27	14.715	2102	2115	2127	rVB5	31869	137001	9.90%	1.340%
28	15.026	2158	2166	2173	rBV5	9733	30576	2.21%	0.299%
29	15.190	2187	2193	2195	rBV3	9460	17379	1.26%	0.170%
30	15.233	2195	2200	2217	rVB3	56491	187469	13.54%	1.834%
31	15.397	2217	2227	2243	rVB4	34379	133648	9.65%	1.308%
32	15.605	2251	2261	2269	rBV10	7278	28088	2.03%	0.275%
33	15.714	2269	2279	2280	rBV4	20180	42775	3.09%	0.418%
34	15.891	2300	2308	2318	rVB3	13627	43394	3.13%	0.425%
35	16.129	2337	2347	2351	rBV3	5090	14860	1.07%	0.145%
36	16.214	2352	2361	2368	rVV8	11372	44621	3.22%	0.437%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

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\82Y091923S.M
Title : SW846 8260

37	16.288	2368	2373	2381	rVB	13520	28746	2.08%	0.281%
38	16.483	2398	2405	2412	rBV	23201	53968	3.90%	0.528%

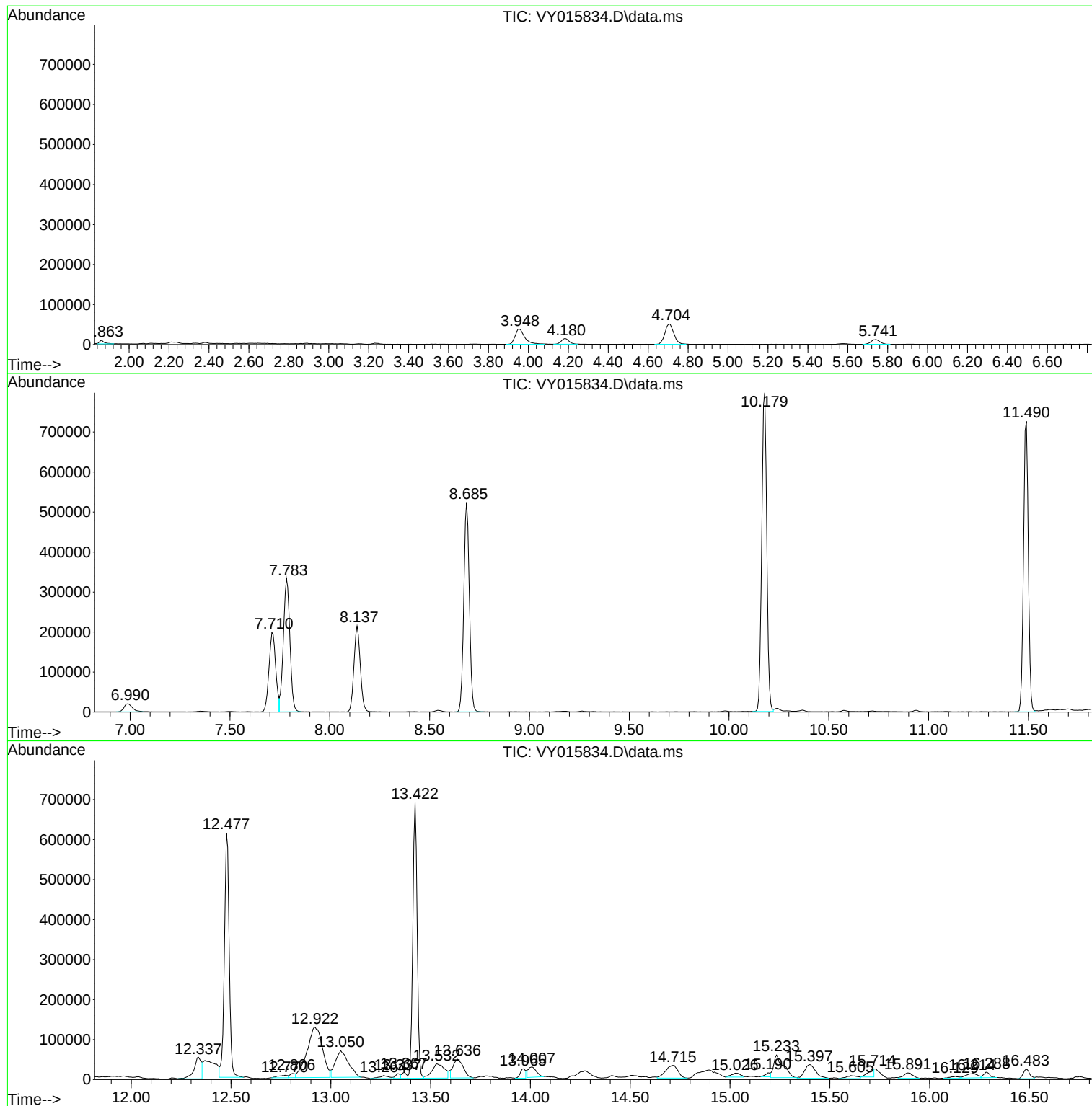
Sum of corrected areas: 10221377

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

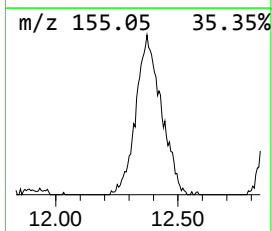
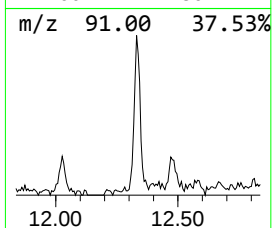
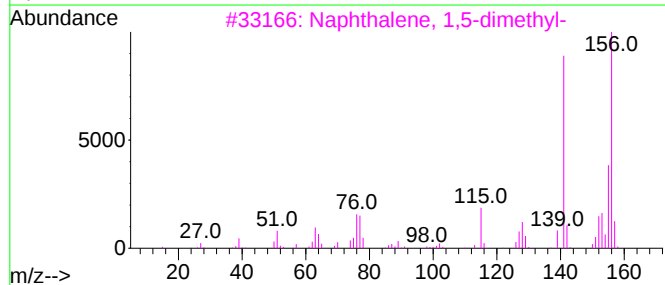
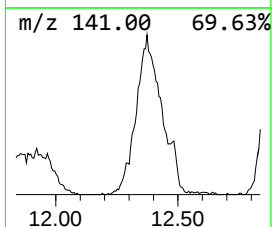
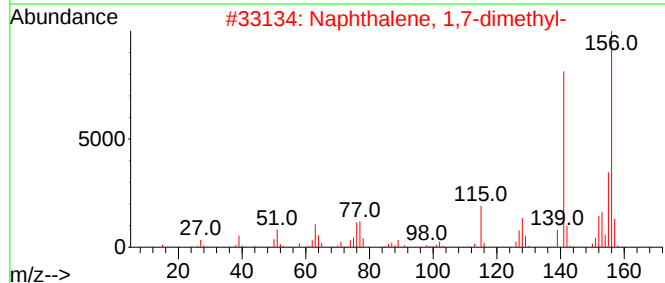
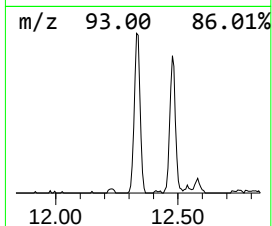
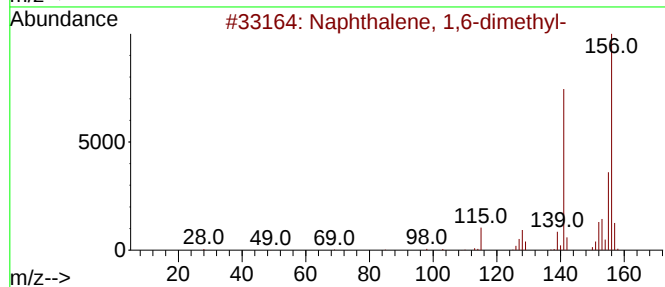
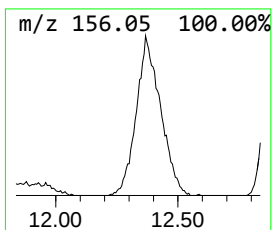
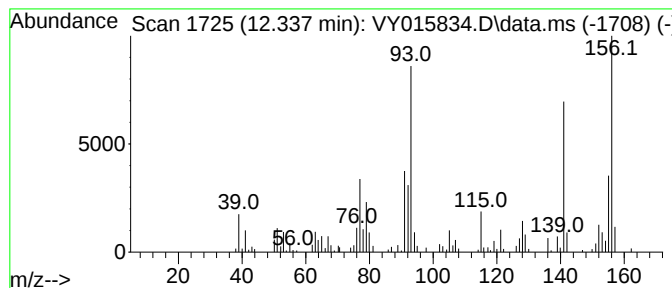
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	5.91 ug/l	141843	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

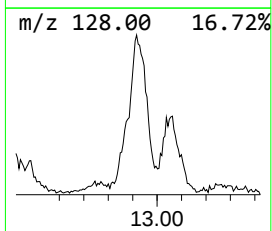
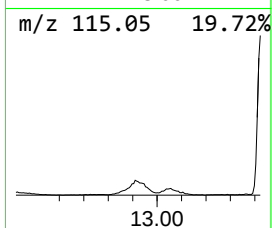
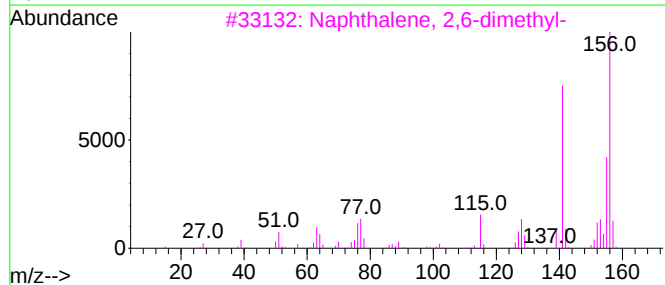
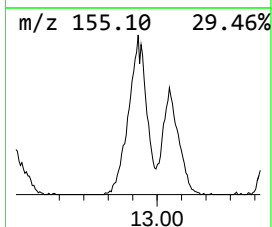
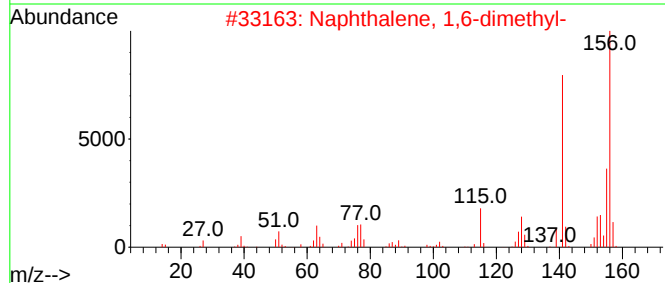
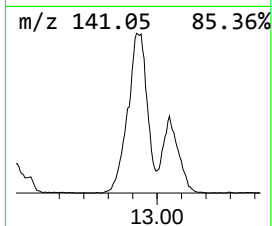
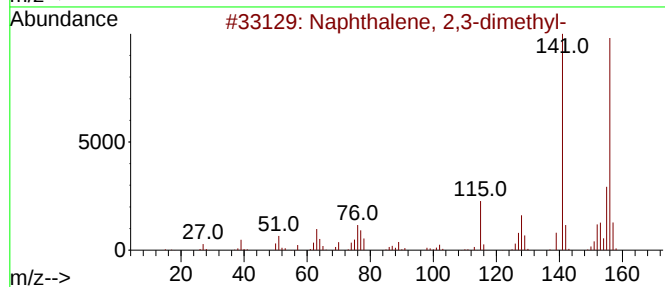
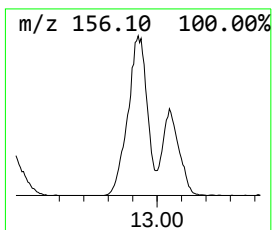
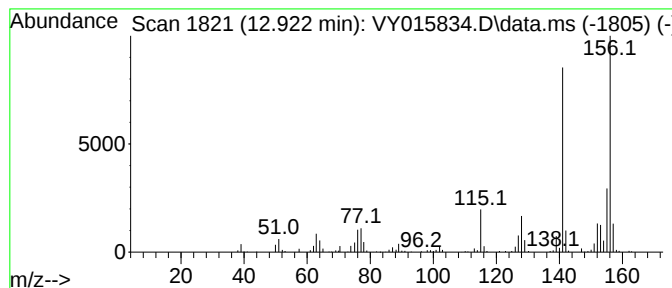
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	32.10 ug/l	677878	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

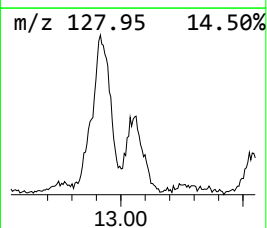
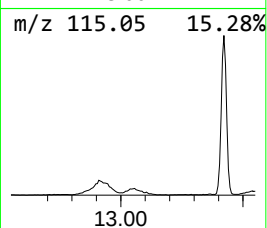
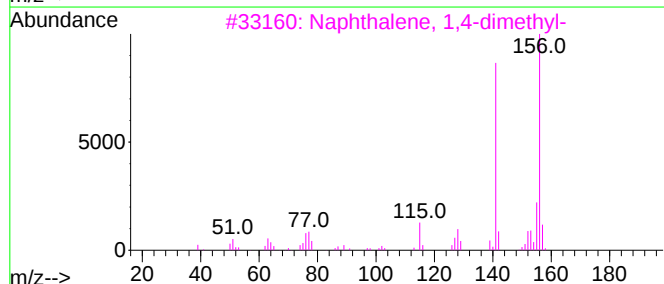
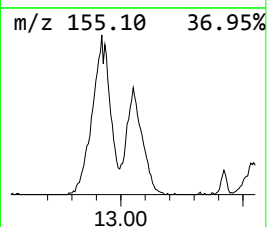
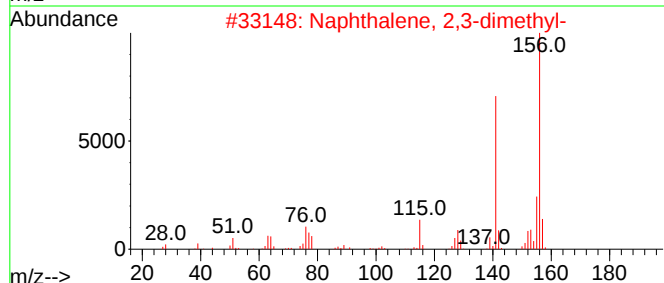
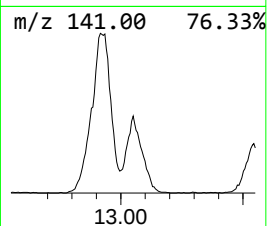
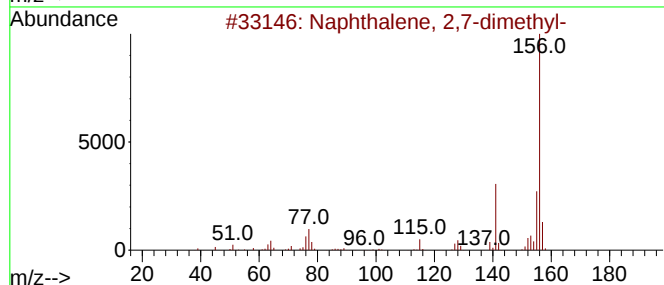
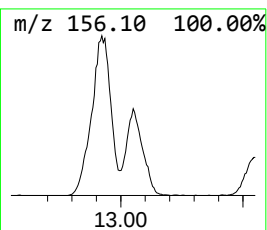
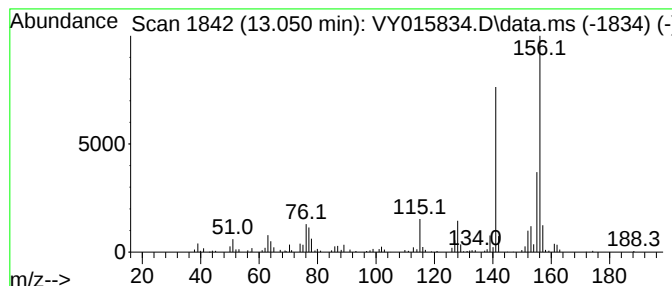
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	14.10 ug/l	297789	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

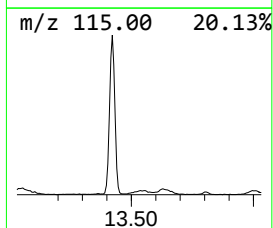
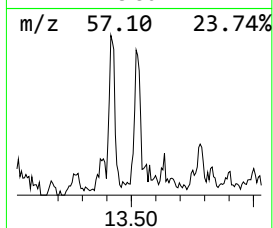
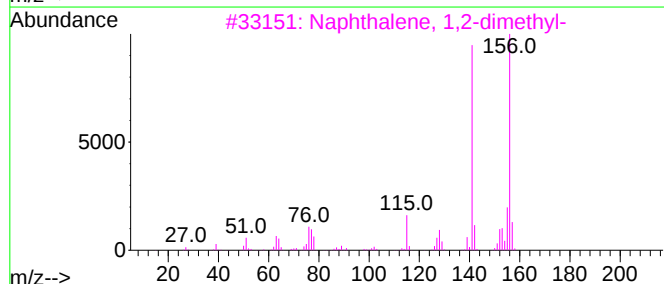
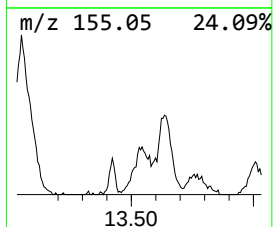
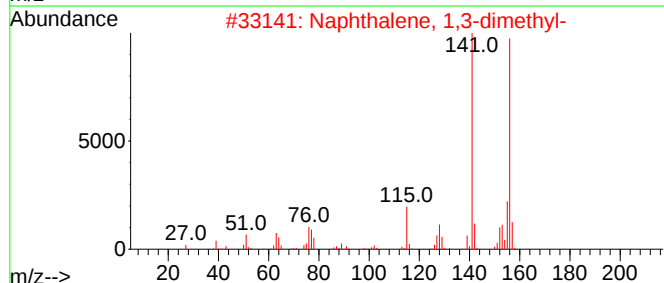
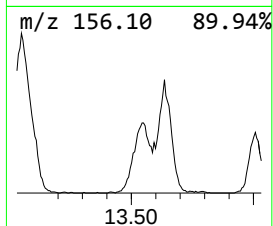
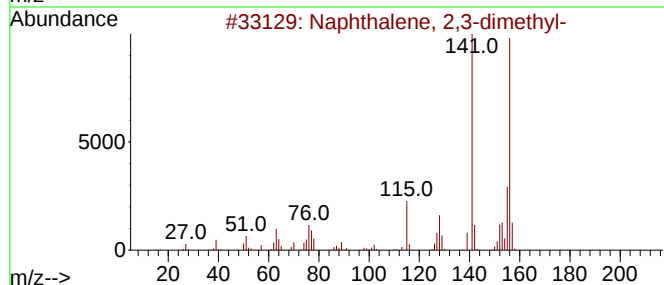
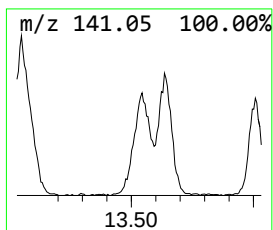
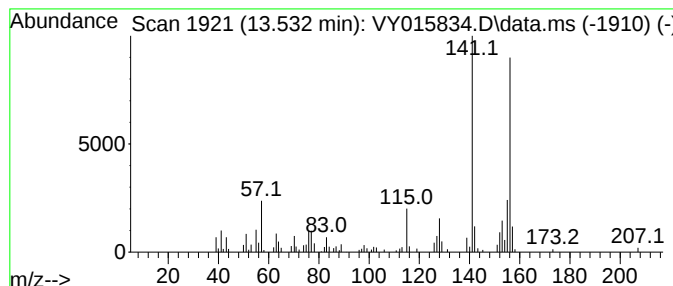
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.532	7.42 ug/l	156769	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

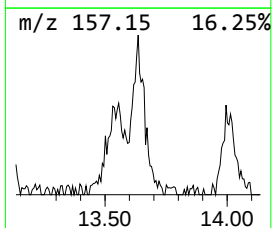
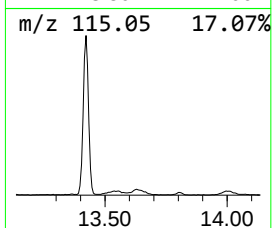
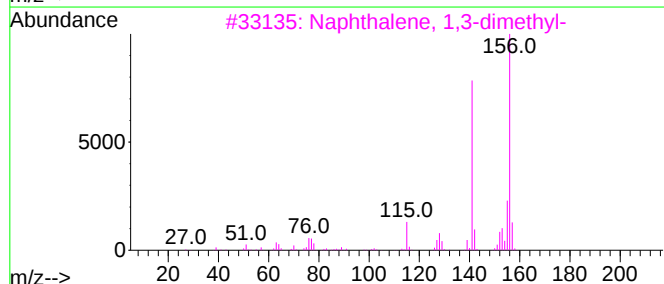
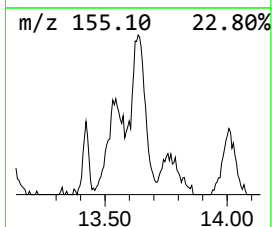
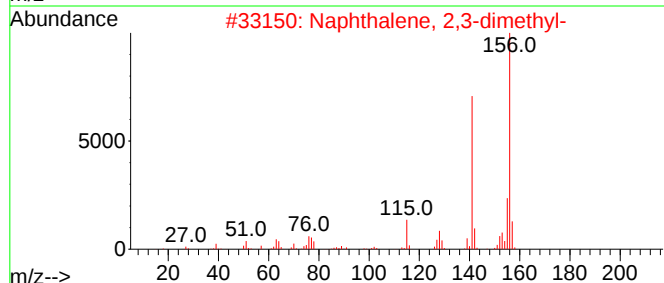
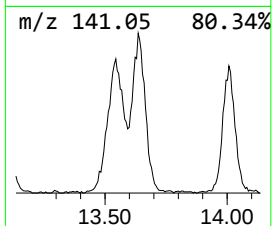
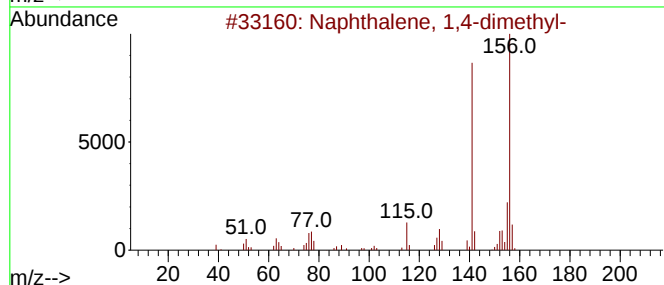
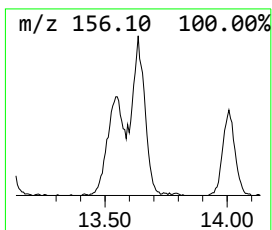
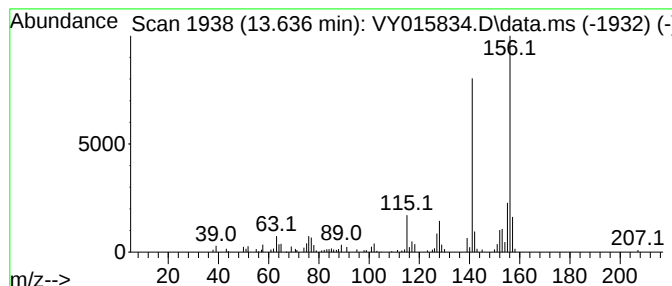
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.636	7.70 ug/l	162554	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

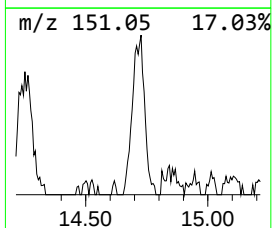
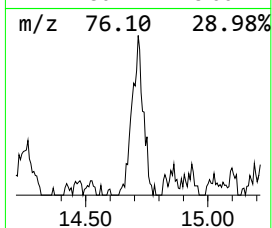
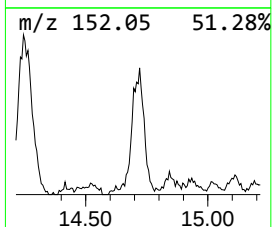
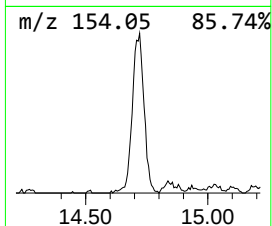
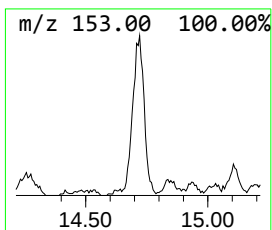
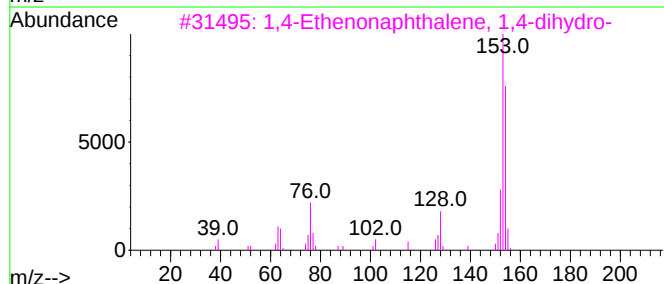
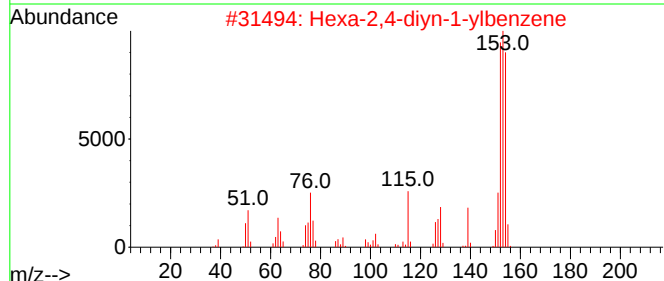
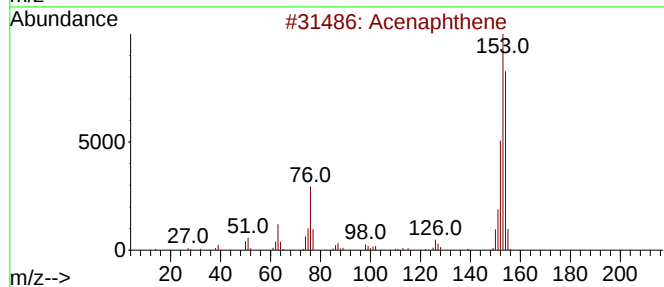
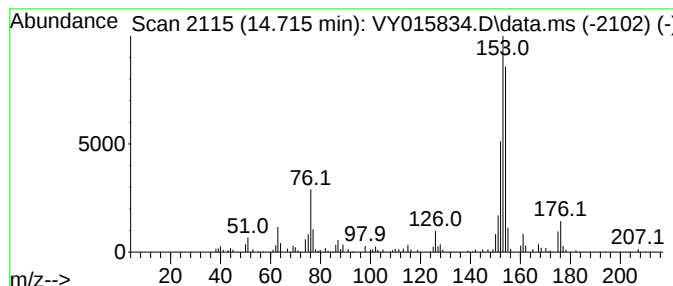
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 6 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.715	6.49 ug/l	137001	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	92
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	70
3			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
5			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

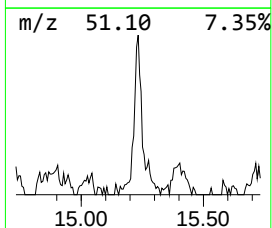
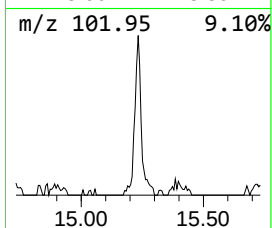
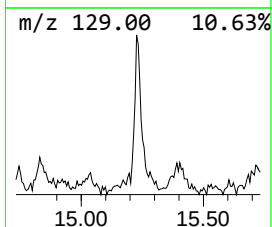
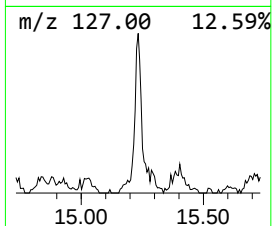
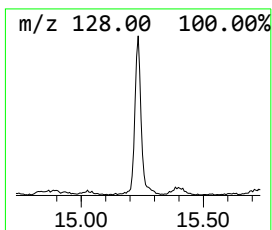
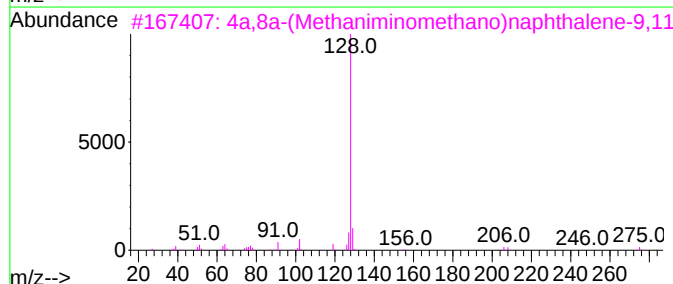
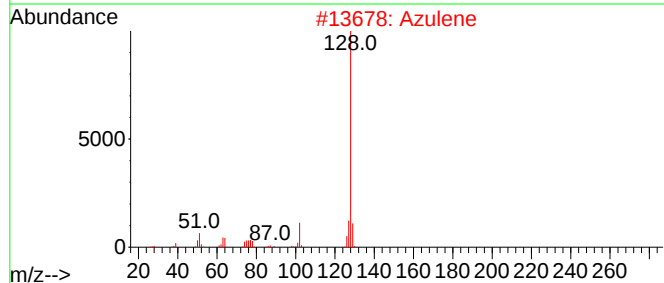
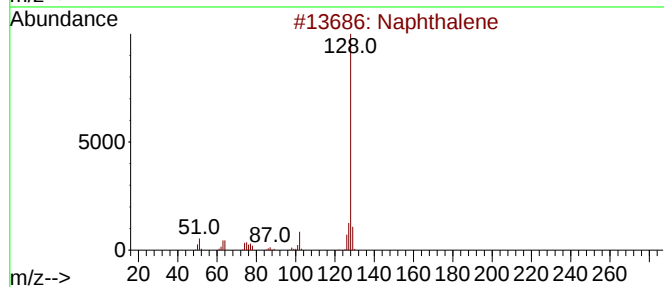
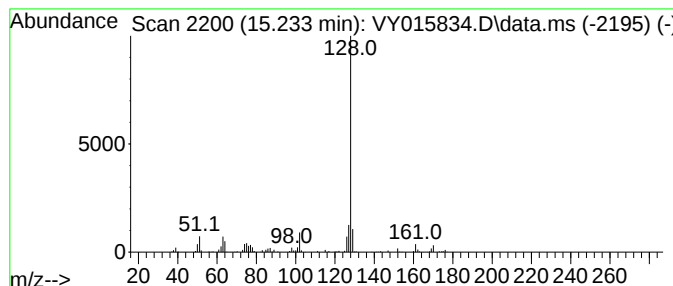
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 7 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	8.88 ug/l	187469	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Azulene	128	C10H8	000275-51-4	93
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	56
4			m-Fluorothiophenol	128	C6H5FS	002557-77-9	50
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

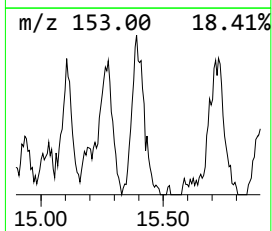
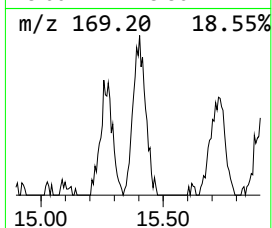
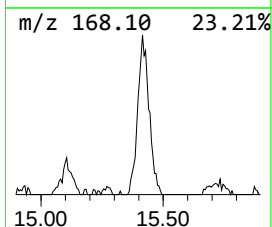
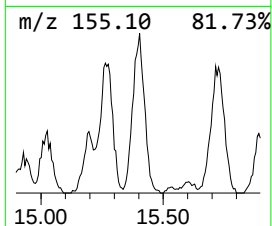
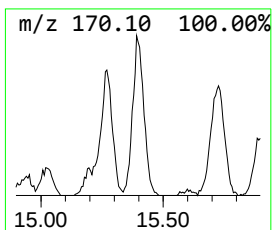
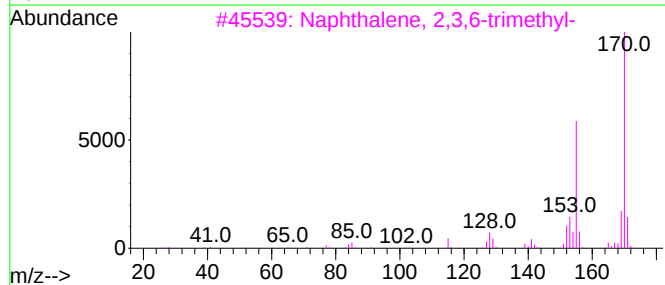
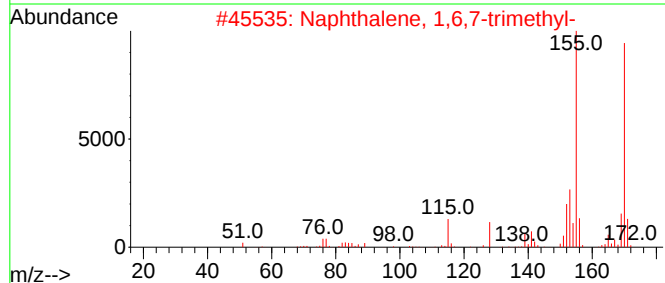
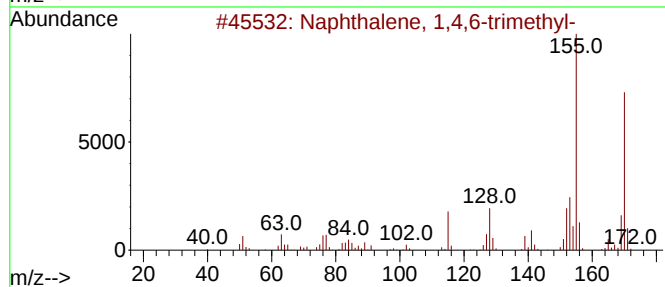
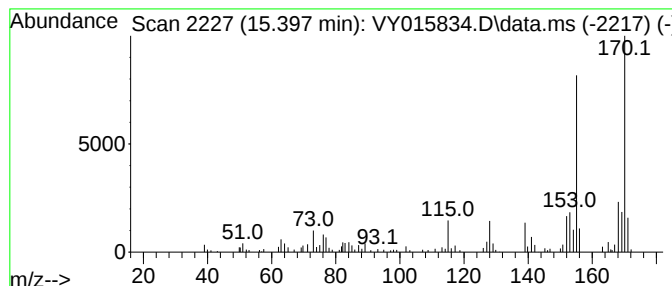
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	6.33 ug/l	133648	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015834.D
Acq On : 04 Oct 2023 17:48
Operator : SY/MD
Sample : 04693-03
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-2(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.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
Naphthalene, 1,...	12.337	5.9	ug/l	141843	3	11.490	1200760	50.0
Naphthalene, 2,...	12.922	32.1	ug/l	677878	4	13.422	1055990	50.0
Naphthalene, 2,...	13.050	14.1	ug/l	297789	4	13.422	1055990	50.0
Naphthalene, 1,...	13.532	7.4	ug/l	156769	4	13.422	1055990	50.0
Naphthalene, 1,...	13.636	7.7	ug/l	162554	4	13.422	1055990	50.0
Hexa-2,4-diyn-1...	14.715	6.5	ug/l	137001	4	13.422	1055990	50.0
Azulene	15.233	8.9	ug/l	187469	4	13.422	1055990	50.0
Naphthalene, 1,...	15.397	6.3	ug/l	133648	4	13.422	1055990	50.0