

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015837.D
 Acq On : 04 Oct 2023 19:00
 Operator : SY/MD
 Sample : 04731-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DTP-1

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: VY015837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	462	473	485	rBV2	33905	103701	6.33%	0.801%
2	5.741	632	643	654	rBV3	11300	34574	2.11%	0.267%
3	7.716	955	967	972	rBV	233345	543567	33.16%	4.201%
4	7.783	972	978	997	rVB	389427	885009	53.98%	6.839%
5	8.137	1027	1036	1049	rBV	240683	537764	32.80%	4.156%
6	8.685	1114	1126	1137	rBV	606918	1191289	72.67%	9.206%
7	10.179	1363	1371	1383	rBV	950729	1639381	100.00%	12.669%
8	10.575	1430	1436	1443	rBV2	20277	37878	2.31%	0.293%
9	11.490	1578	1586	1593	rBV	911799	1452318	88.59%	11.223%
10	11.801	1626	1637	1638	rBV4	8636	19575	1.19%	0.151%
11	12.380	1704	1732	1733	rBV4	74422	319255	19.47%	2.467%
12	12.477	1743	1748	1763	rVB	774946	1319957	80.52%	10.200%
13	12.758	1778	1794	1797	rBV3	14780	54249	3.31%	0.419%
14	12.928	1802	1822	1833	rVV2	176964	1024082	62.47%	7.914%
15	13.050	1834	1842	1862	rVB2	89323	407978	24.89%	3.153%
16	13.422	1897	1903	1910	rBV	906612	1386158	84.55%	10.712%
17	13.538	1910	1922	1930	rVV	40691	182525	11.13%	1.410%
18	13.636	1931	1938	1952	rVB2	80582	274142	16.72%	2.118%
19	13.965	1983	1992	1993	rBV2	32418	47554	2.90%	0.367%
20	14.007	1994	1999	2013	rVB2	51232	160328	9.78%	1.239%
21	14.526	2071	2084	2091	rVB8	10813	41561	2.54%	0.321%
22	14.715	2099	2115	2128	rVB3	134000	451110	27.52%	3.486%
23	14.855	2128	2138	2139	rBV3	21977	54531	3.33%	0.421%
24	15.019	2159	2165	2167	rBV4	12010	22219	1.36%	0.172%
25	15.190	2185	2193	2194	rBV6	13747	23909	1.46%	0.185%
26	15.239	2195	2201	2211	rVV4	35253	115375	7.04%	0.892%
27	15.410	2219	2229	2246	rVB5	59592	241354	14.72%	1.865%
28	15.611	2252	2262	2268	rBV6	9205	31256	1.91%	0.242%
29	15.721	2269	2280	2292	rVV3	29427	125820	7.67%	0.972%
30	15.891	2295	2308	2318	rVB2	18094	58486	3.57%	0.452%
31	16.214	2352	2361	2369	rBV7	11080	41340	2.52%	0.319%
32	16.288	2369	2373	2383	rVB2	13538	28567	1.74%	0.221%
33	16.483	2397	2405	2413	rBV	22998	58233	3.55%	0.450%
34	16.751	2438	2449	2455	rBV5	7719	25446	1.55%	0.197%

Sum of corrected areas: 12940491

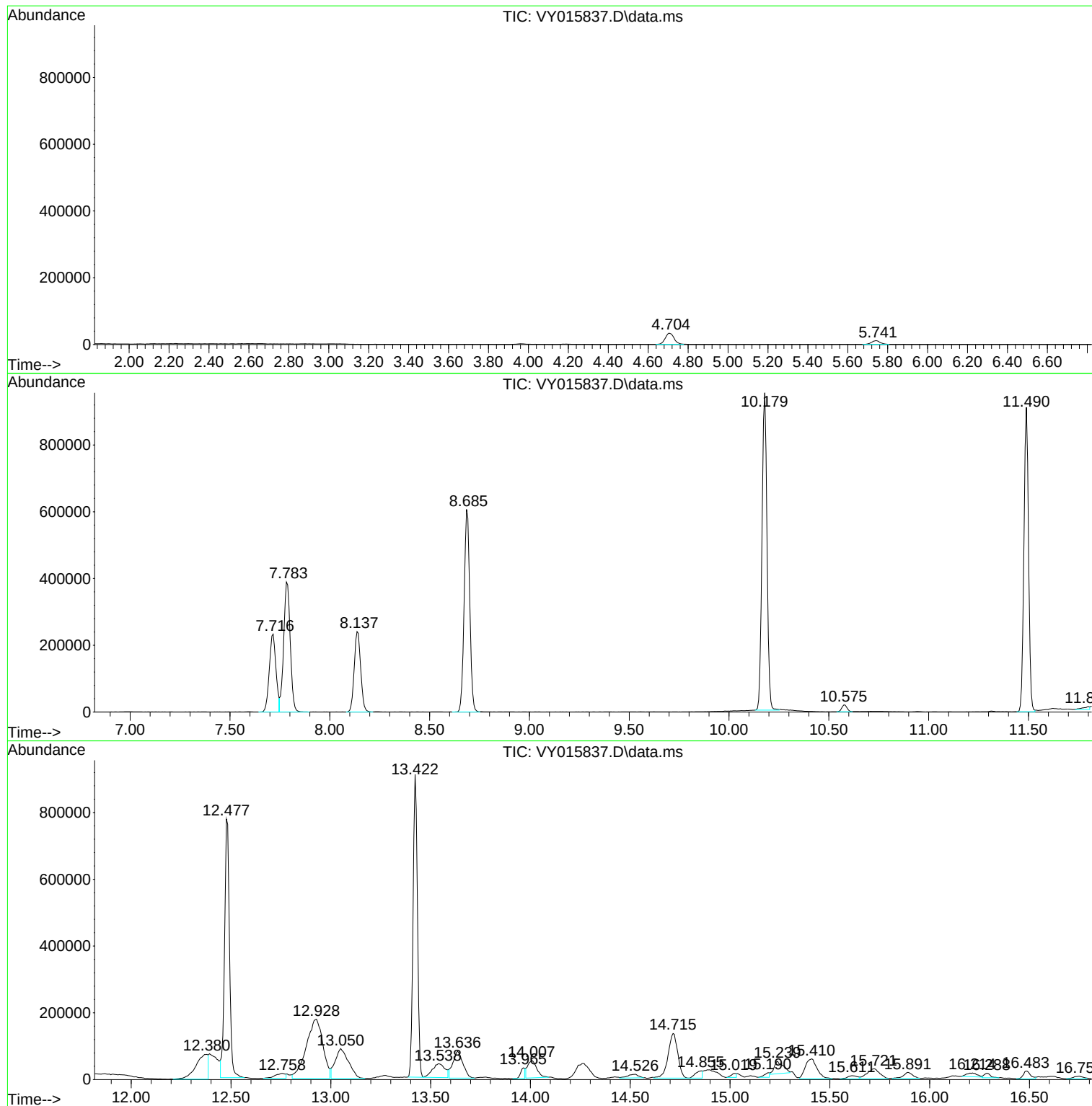
Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

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 : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/soil
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

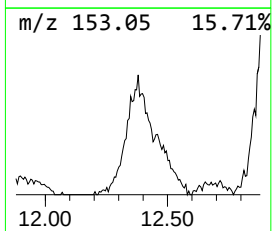
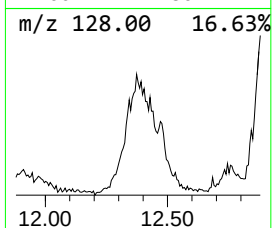
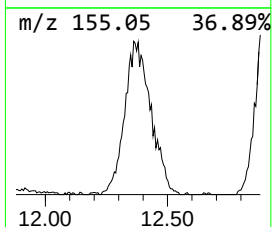
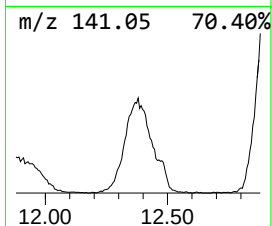
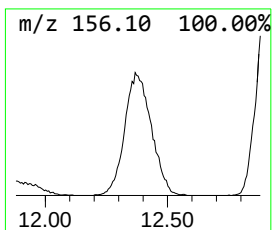
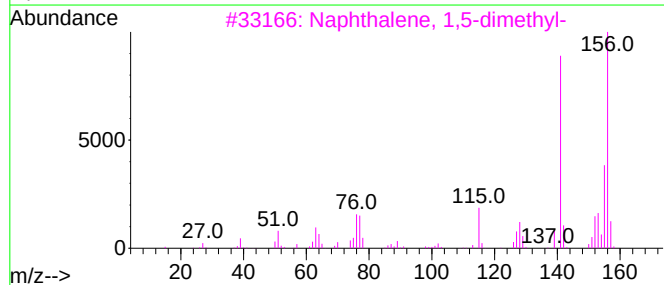
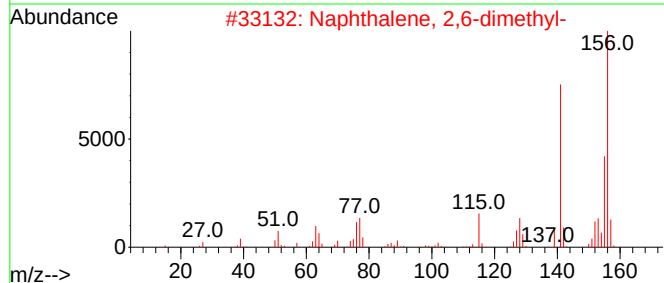
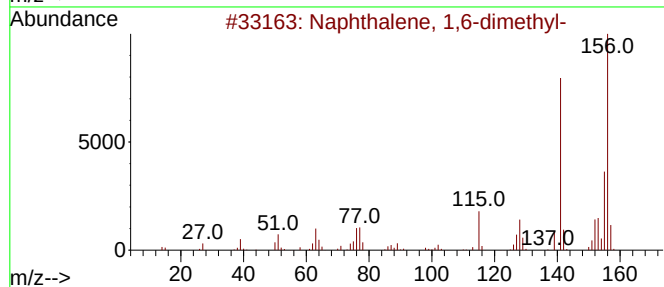
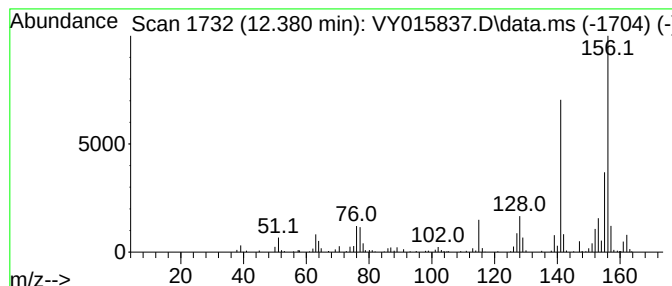
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	10.99 ug/l	319255	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

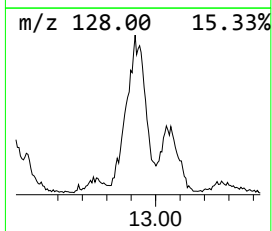
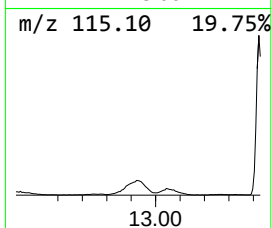
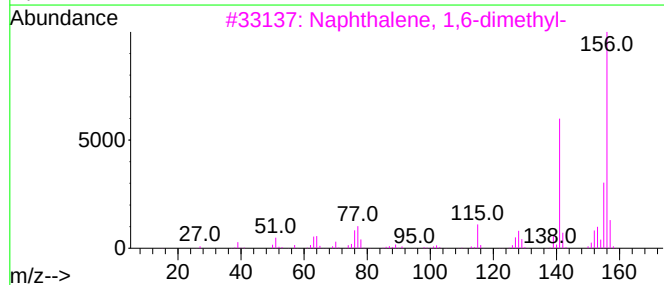
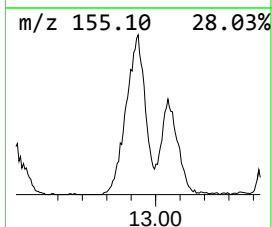
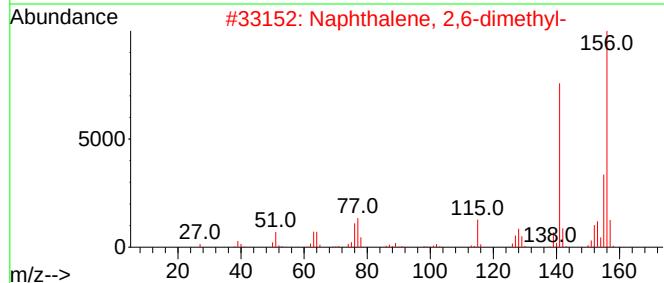
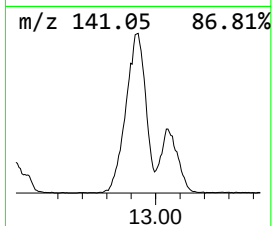
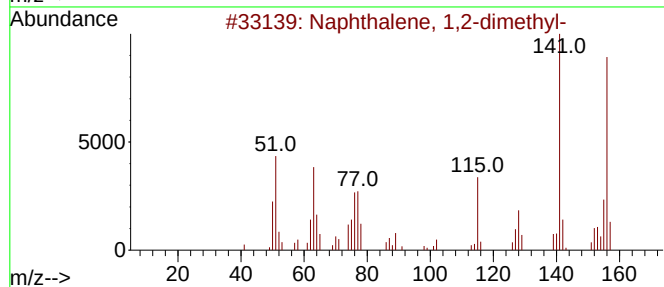
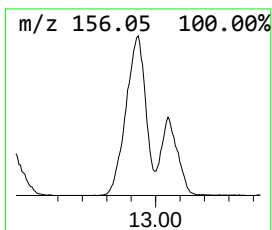
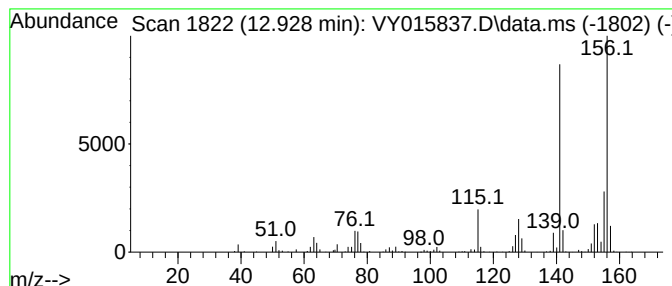
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	36.94 ug/l	1024080	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

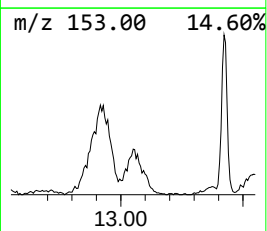
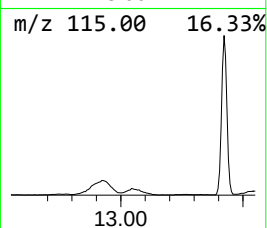
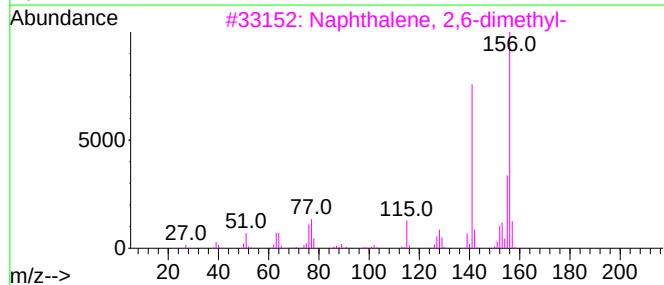
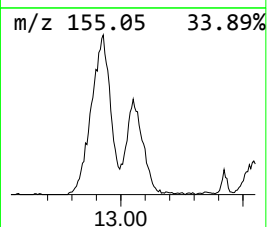
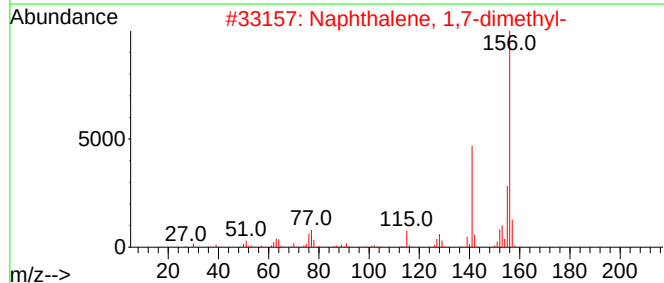
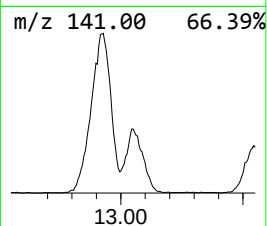
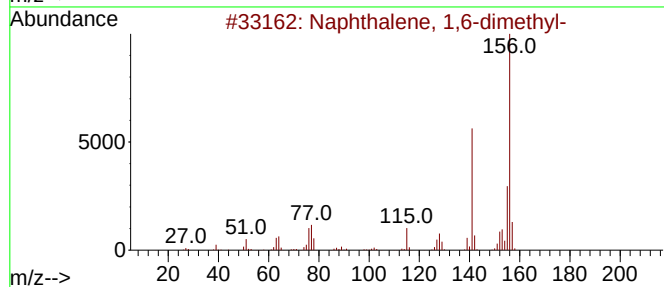
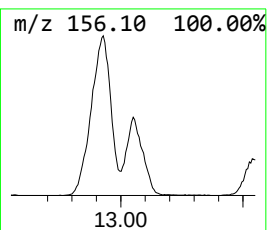
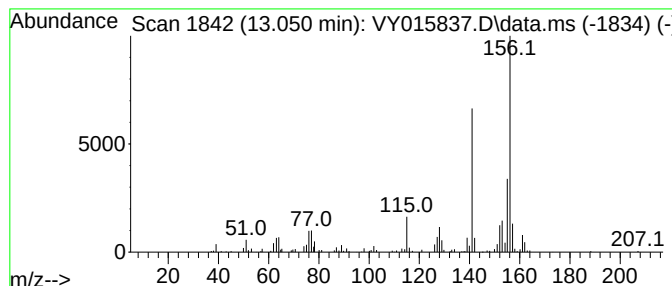
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	14.72 ug/l	407978	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

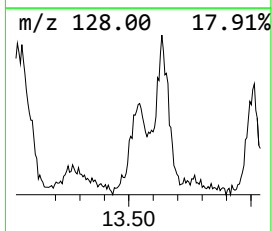
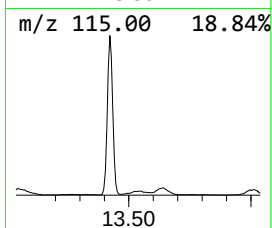
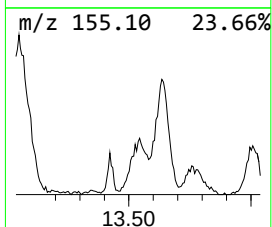
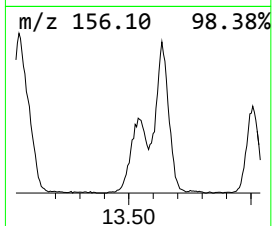
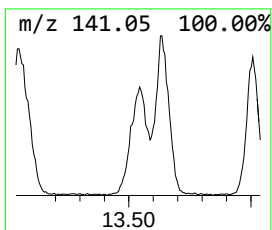
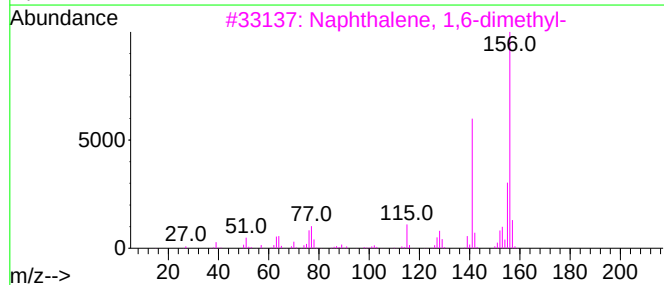
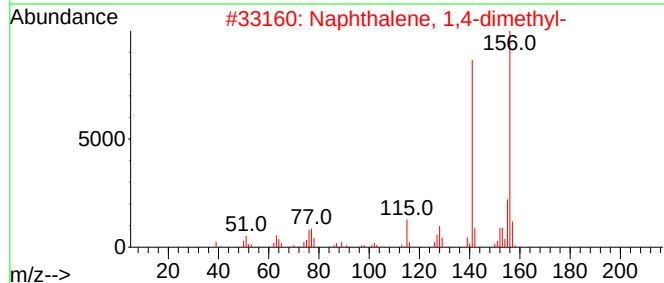
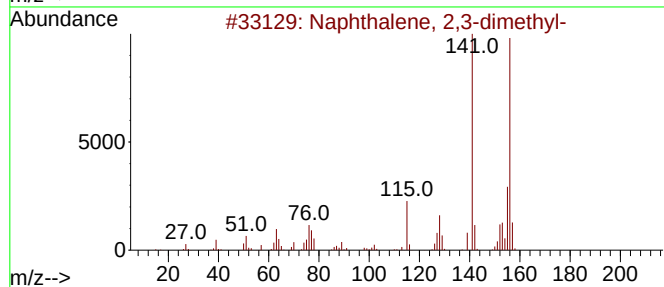
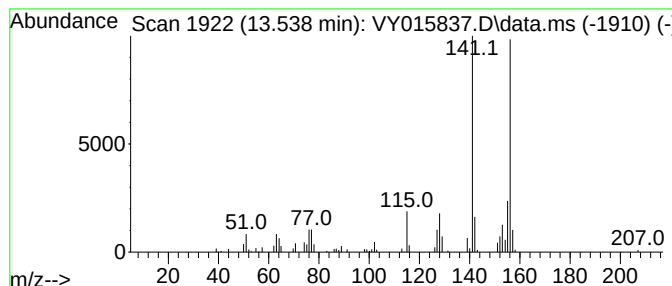
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.538	6.58 ug/l	182525	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, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

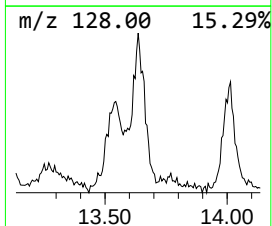
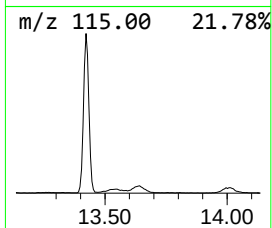
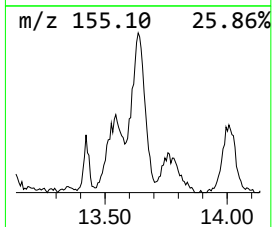
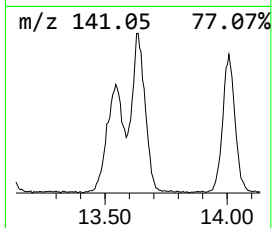
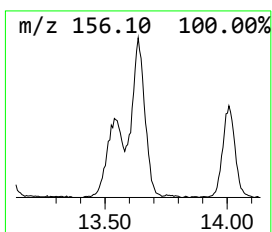
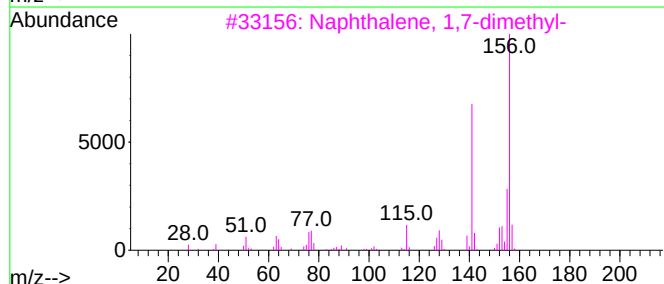
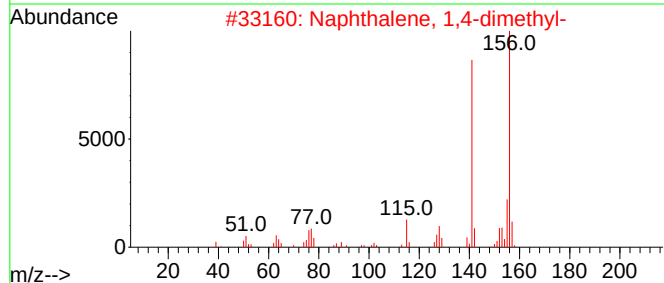
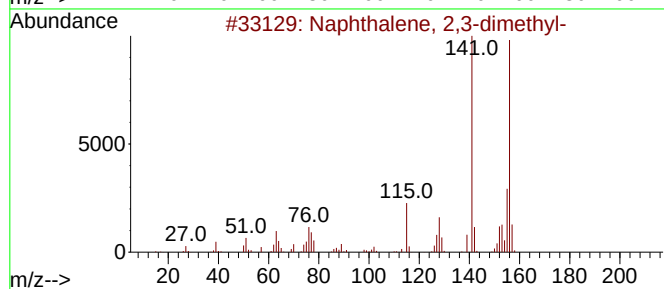
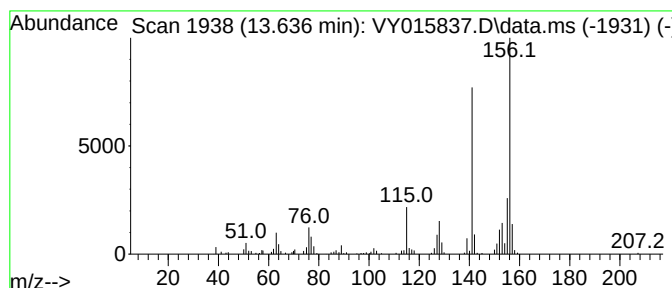
Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

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 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.636	9.89 ug/l	274142	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, 1,4-dimethyl-		156	C12H12	000571-58-4	96
3	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	96
5	Naphthalene, 1,8-dimethyl-		156	C12H12	000569-41-5	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

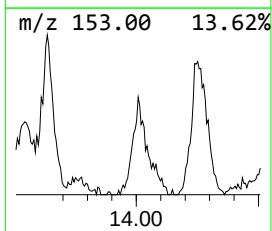
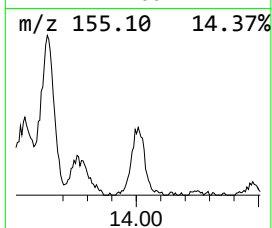
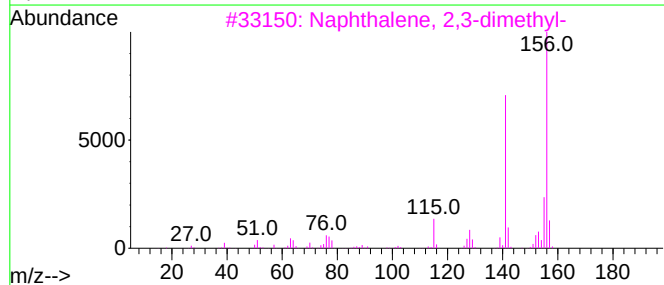
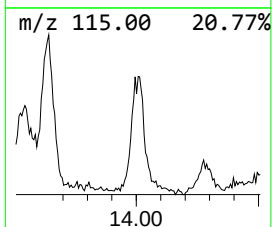
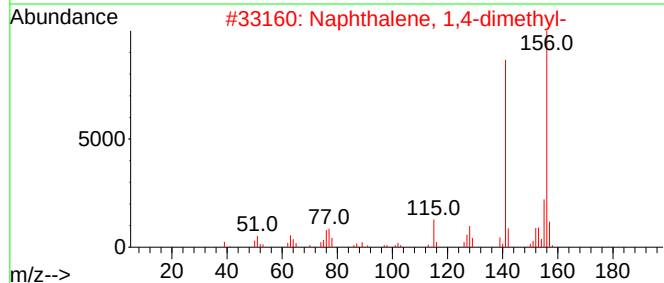
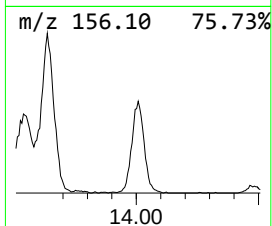
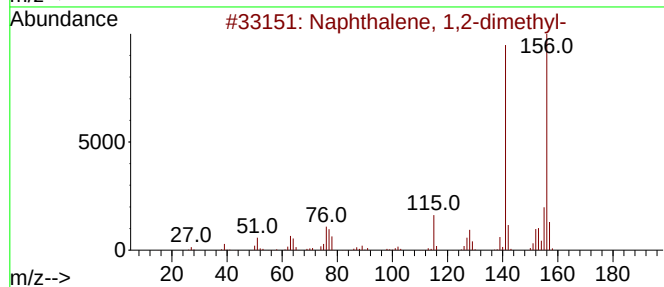
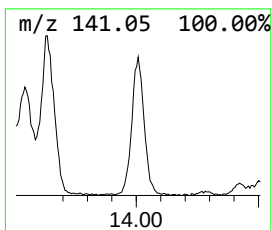
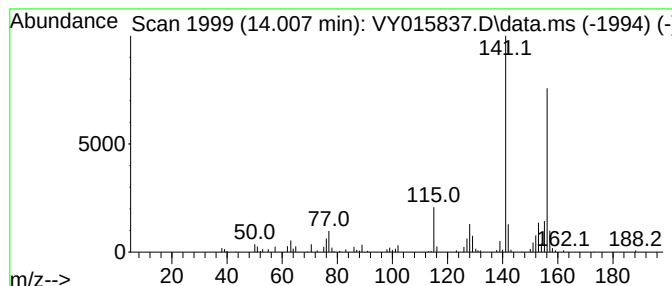
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	5.78 ug/l	160328	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

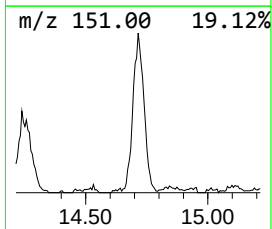
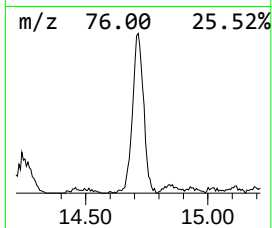
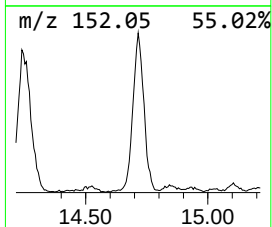
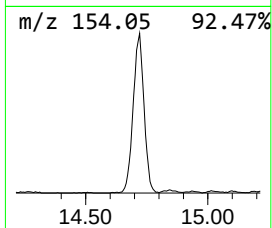
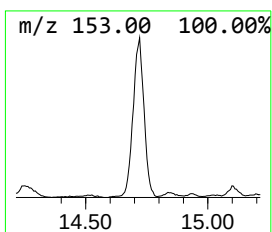
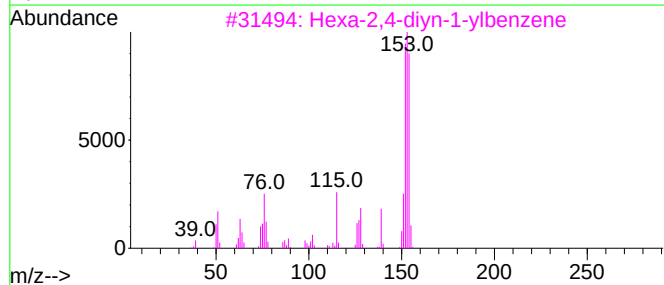
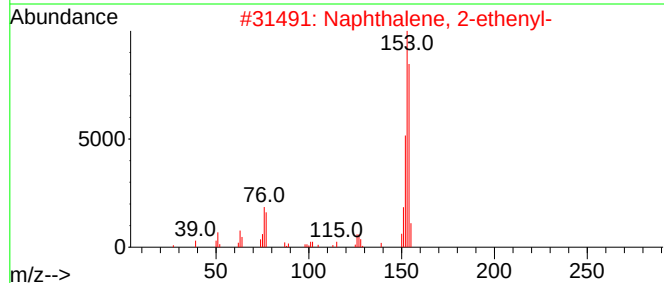
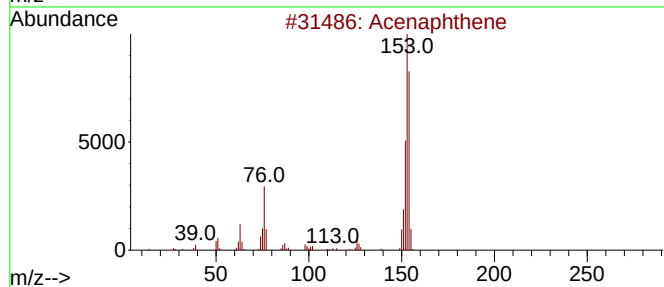
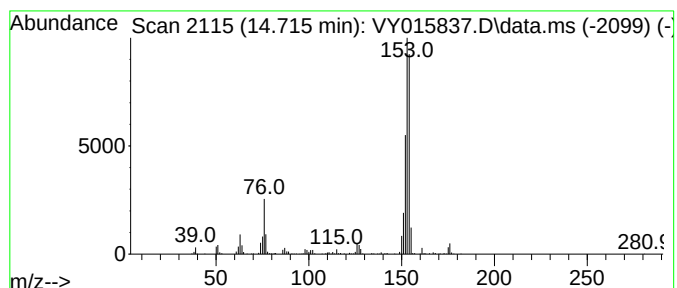
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.715	16.27 ug/l	451110	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	95
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	64
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
5			Biphenyl	154	C12H10	000092-52-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

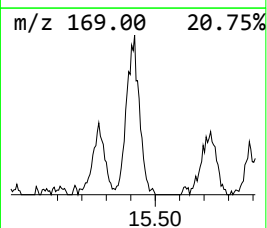
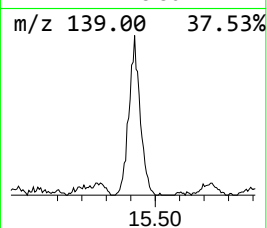
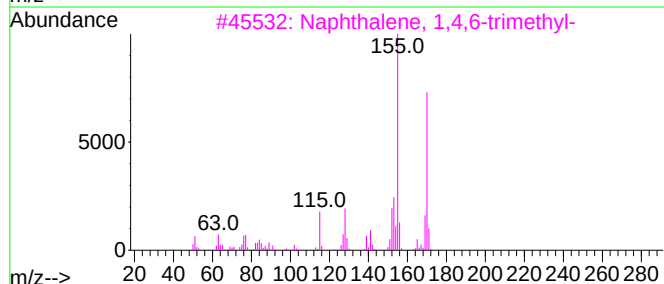
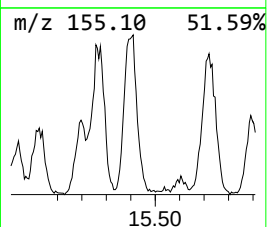
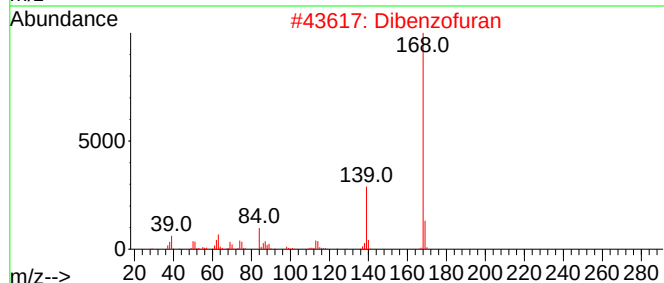
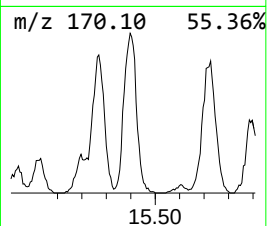
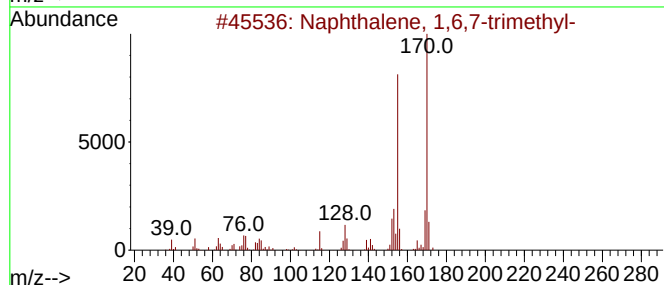
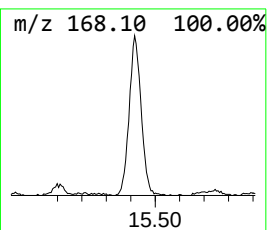
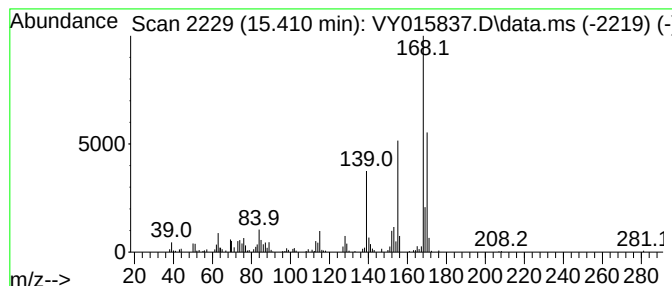
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	8.71 ug/l	241354	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2			Dibenzofuran	168	C12H8O	000132-64-9	50
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015837.D
Acq On : 04 Oct 2023 19:00
Operator : SY/MD
Sample : 04731-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

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,...	12.380	11.0	ug/l	319255	3	11.490	1452320	50.0
Naphthalene, 2,...	12.928	36.9	ug/l	1024080	4	13.422	1386160	50.0
Naphthalene, 1,...	13.050	14.7	ug/l	407978	4	13.422	1386160	50.0
Naphthalene, 2,...	13.538	6.6	ug/l	182525	4	13.422	1386160	50.0
Naphthalene, 1,...	13.636	9.9	ug/l	274142	4	13.422	1386160	50.0
Naphthalene, 1,...	14.007	5.8	ug/l	160328	4	13.422	1386160	50.0
Naphthalene, 2-...	14.715	16.3	ug/l	451110	4	13.422	1386160	50.0
Naphthalene, 1,...	15.410	8.7	ug/l	241354	4	13.422	1386160	50.0