

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014693.D
 Acq On : 18 Jul 2023 11:48
 Operator : SY/MD
 Sample : 03653-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP20

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014693.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.204	383	391	402	rBV	5905	18291	1.57%	0.175%
2	4.710	463	474	491	rBV2	27103	90503	7.78%	0.868%
3	5.747	633	644	658	rBV3	15433	49655	4.27%	0.476%
4	6.978	833	846	862	rBV	77168	240095	20.65%	2.302%
5	7.716	956	967	973	rBV	166310	393470	33.83%	3.773%
6	7.789	973	979	990	rVB	267430	610887	52.53%	5.858%
7	8.143	1024	1037	1049	rBV2	172103	411629	35.40%	3.947%
8	8.691	1118	1127	1139	rBV	429608	845936	72.74%	8.112%
9	10.179	1363	1371	1380	rBV	678409	1162938	100.00%	11.152%
10	10.581	1428	1437	1444	rBV	52871	96493	8.30%	0.925%
11	10.947	1490	1497	1508	rBV	52550	96228	8.27%	0.923%
12	11.313	1552	1557	1565	rVB3	13883	24526	2.11%	0.235%
13	11.490	1577	1586	1595	rBV	638014	1049815	90.27%	10.068%
14	11.831	1627	1642	1643	rBV7	13393	38580	3.32%	0.370%
15	12.374	1707	1731	1732	rBV3	81236	285845	24.58%	2.741%
16	12.398	1732	1735	1743	rVV	94811	317171	27.27%	3.042%
17	12.477	1743	1748	1767	rVB2	583198	1058157	90.99%	10.148%
18	12.770	1789	1796	1798	rBV6	5957	13286	1.14%	0.127%
19	12.910	1799	1819	1820	rBV2	130325	361505	31.09%	3.467%
20	13.056	1835	1843	1860	rVB2	87864	413162	35.53%	3.962%
21	13.178	1860	1863	1869	rVB	11003	18392	1.58%	0.176%
22	13.282	1869	1880	1888	rBV5	10861	27993	2.41%	0.268%
23	13.422	1896	1903	1910	rBV	648564	1016913	87.44%	9.752%
24	13.550	1910	1924	1932	rVV5	24038	119306	10.26%	1.144%
25	13.648	1932	1940	1954	rVB3	58883	218619	18.80%	2.097%
26	13.965	1986	1992	1993	rBV2	17158	23890	2.05%	0.229%
27	14.007	1994	1999	2010	rVB3	38016	127729	10.98%	1.225%
28	14.288	2034	2045	2058	rVB6	15535	63022	5.42%	0.604%
29	14.532	2078	2085	2095	rVB9	7026	24048	2.07%	0.231%
30	14.727	2104	2117	2128	rVB2	127299	404002	34.74%	3.874%
31	14.855	2128	2138	2148	rBV3	26332	106697	9.17%	1.023%
32	15.038	2160	2168	2174	rBV5	9202	27943	2.40%	0.268%
33	15.111	2175	2180	2188	rVV3	9966	25268	2.17%	0.242%
34	15.282	2188	2208	2210	rVV5	29478	126629	10.89%	1.214%
35	15.306	2210	2212	2219	rVB	36228	61567	5.29%	0.590%
36	15.416	2219	2230	2246	rVB3	54855	210102	18.07%	2.015%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

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\82Y071323S.M
Title : SW846 8260

37	15.733	2270	2282	2293	rVB5	24260	94584	8.13%	0.907%
38	15.903	2303	2310	2321	rVB3	17373	53477	4.60%	0.513%
39	16.141	2339	2349	2352	rBV6	8031	25006	2.15%	0.240%
40	16.220	2352	2362	2363	rBV8	8640	21310	1.83%	0.204%
41	16.483	2399	2405	2412	rBV	11636	26685	2.29%	0.256%
42	16.745	2440	2448	2455	rBV6	8383	26393	2.27%	0.253%

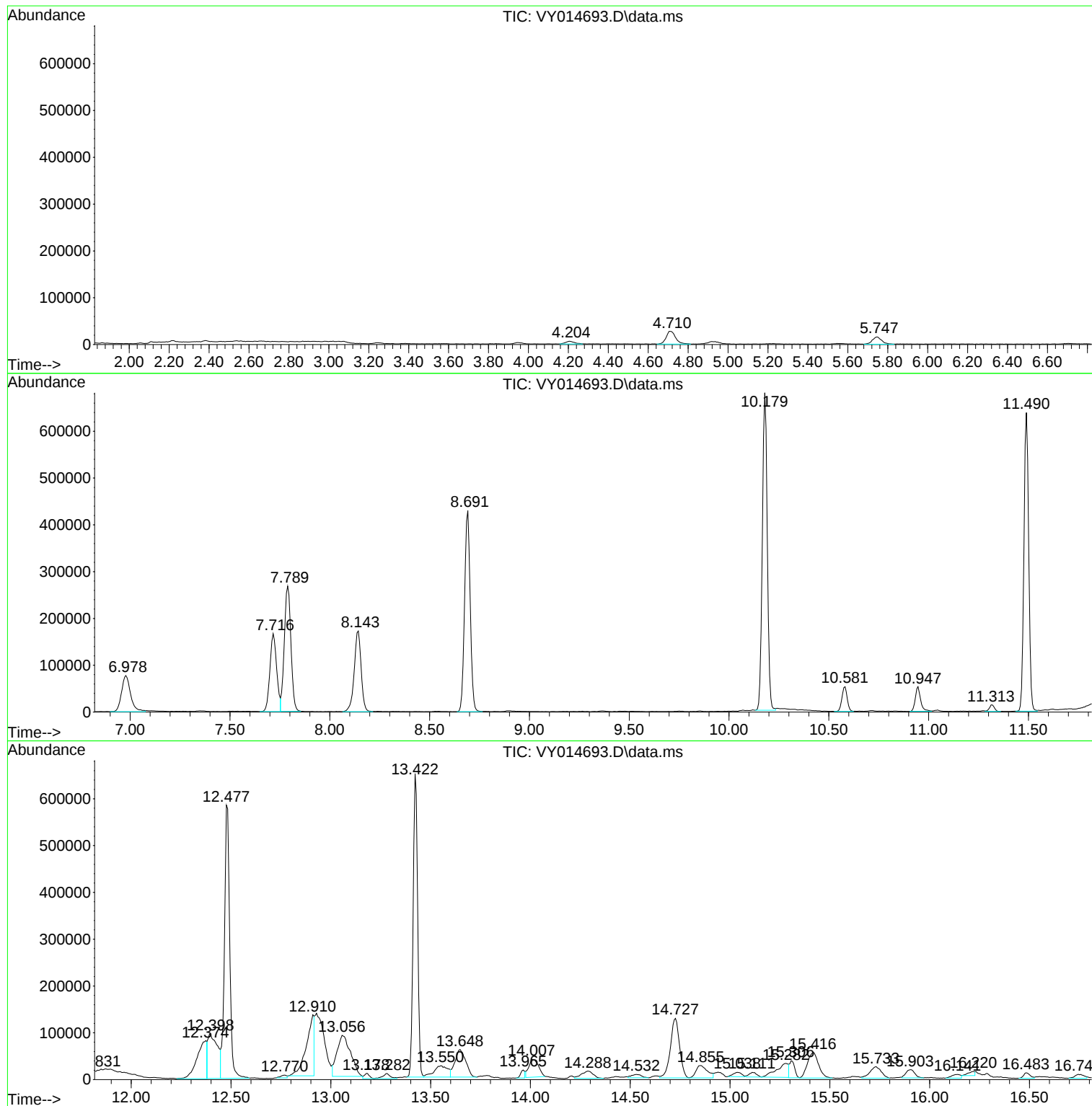
Sum of corrected areas: 10427747

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

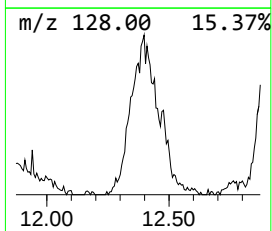
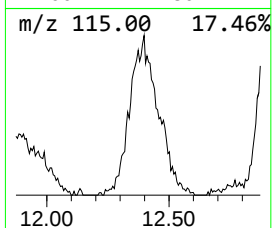
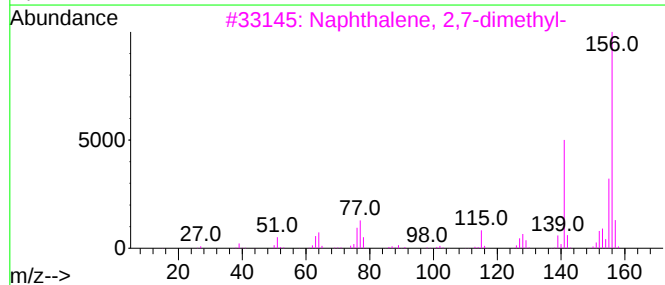
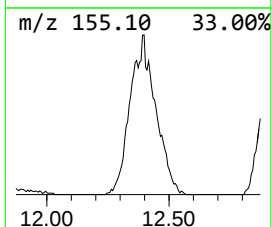
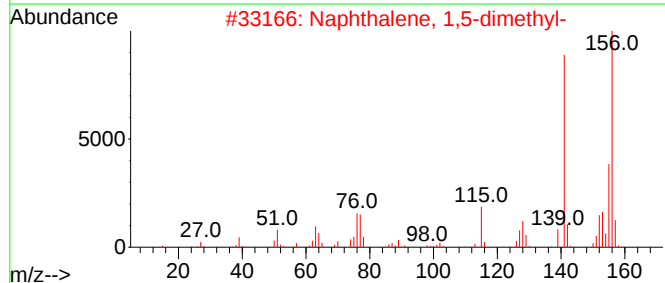
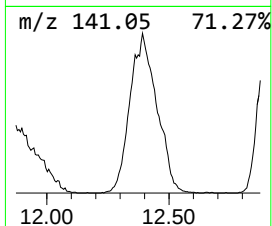
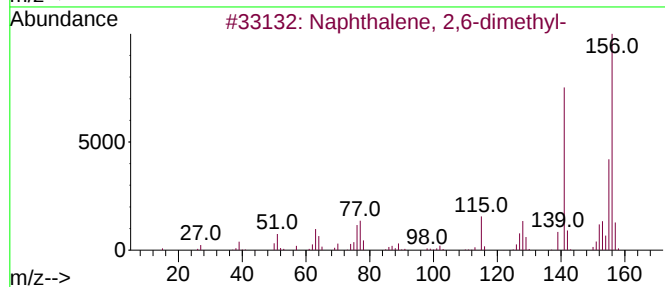
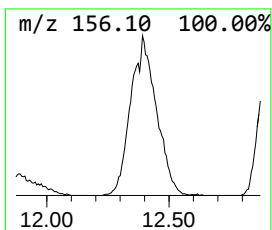
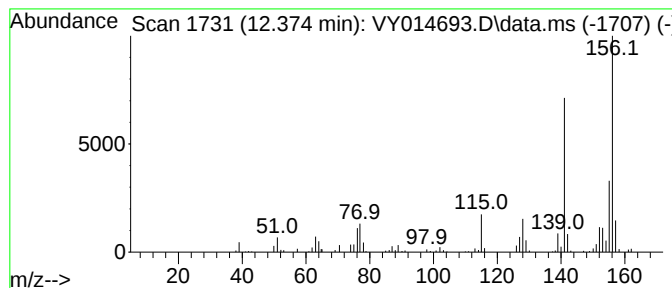
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	13.61 ug/l	285845	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

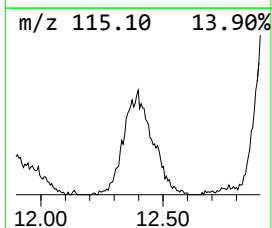
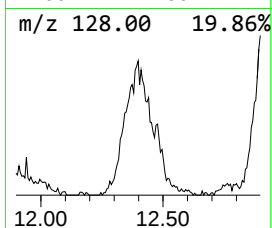
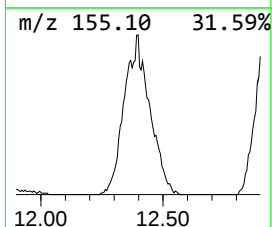
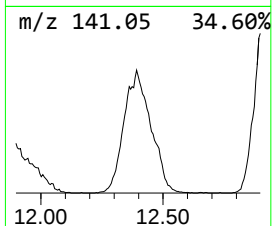
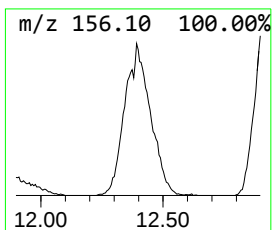
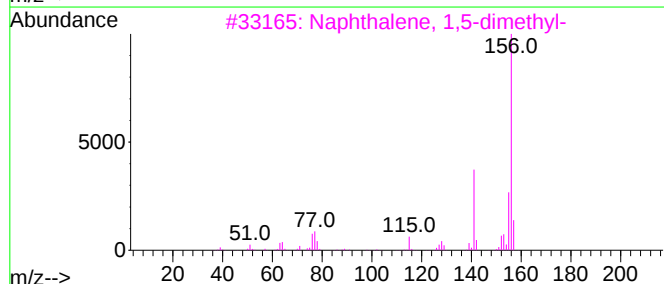
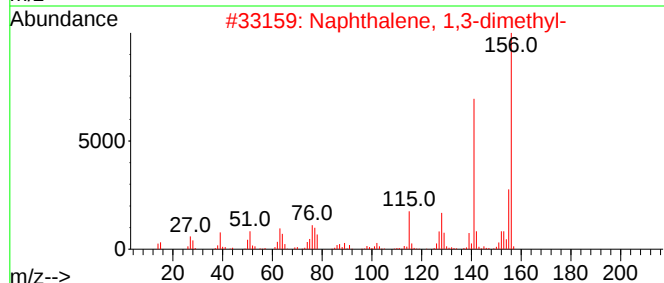
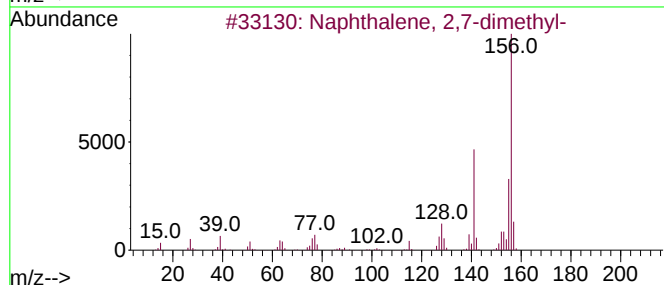
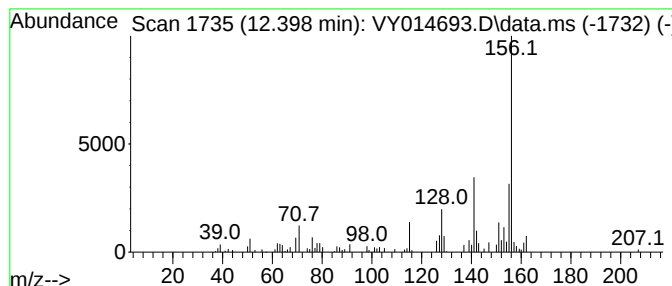
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	15.11 ug/l	317171	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	68
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	64
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	58
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

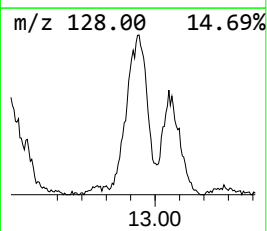
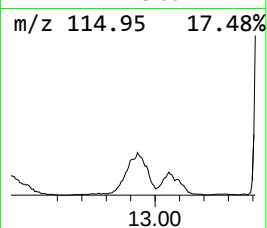
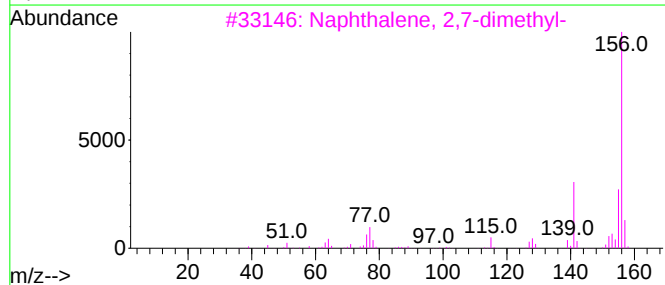
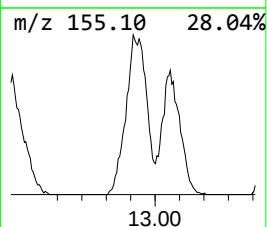
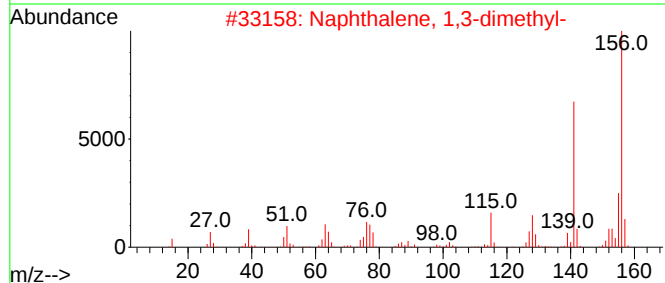
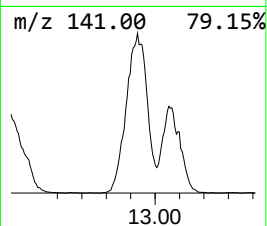
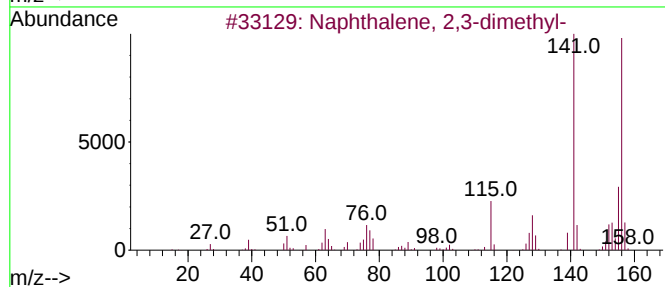
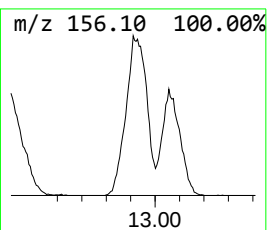
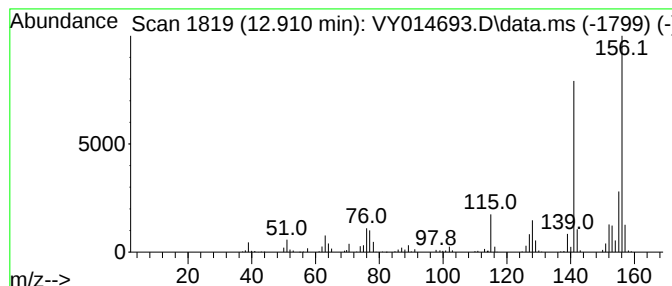
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.910	17.77 ug/l	361505	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

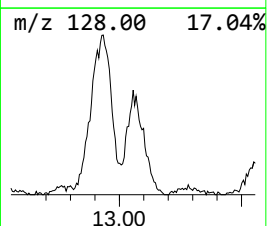
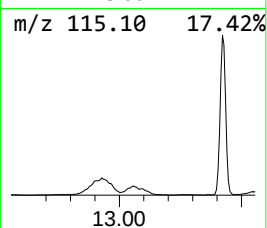
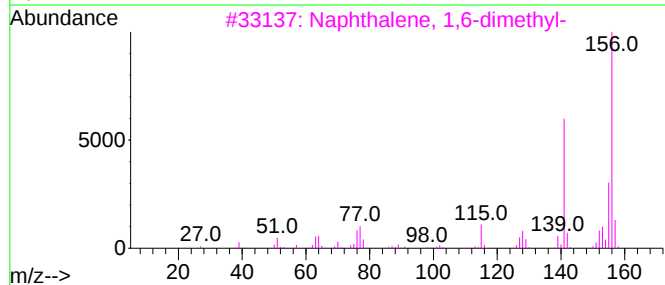
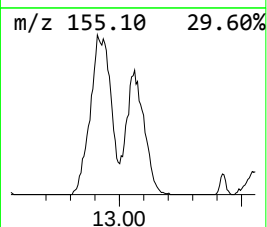
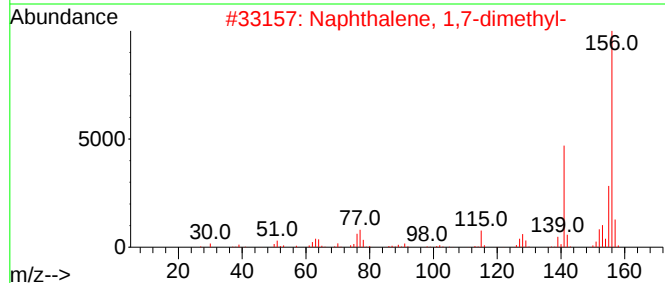
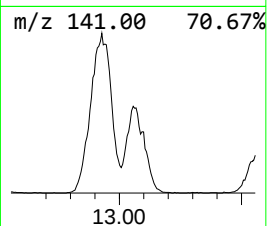
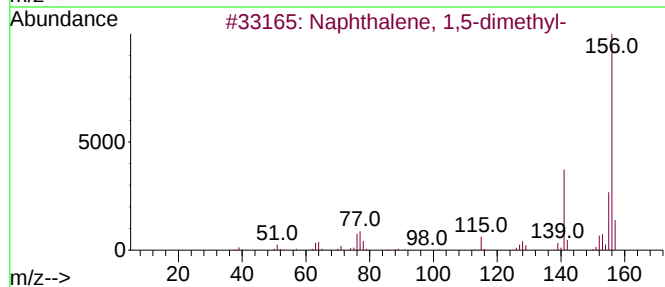
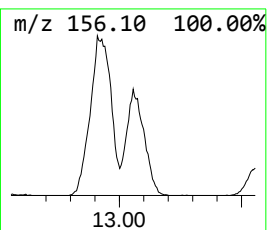
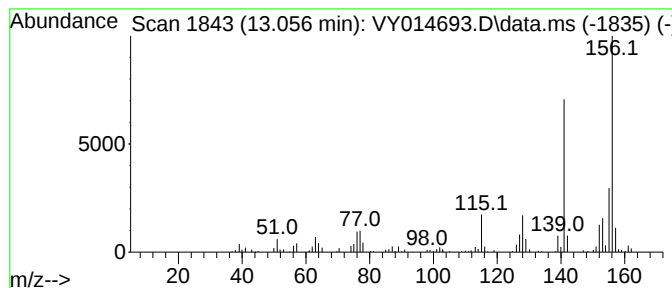
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.056	20.31 ug/l	413162	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

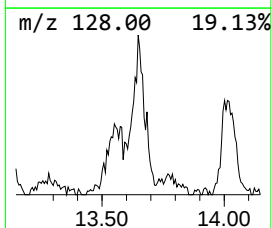
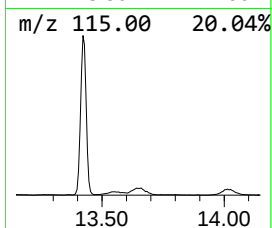
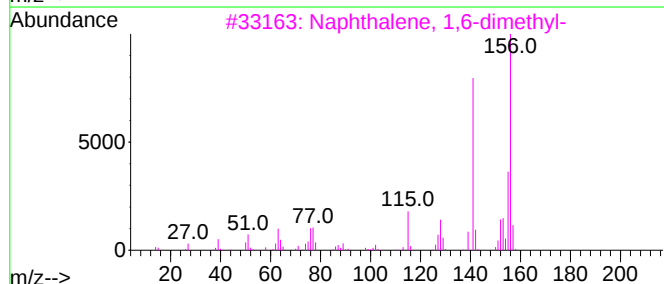
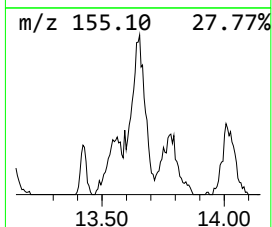
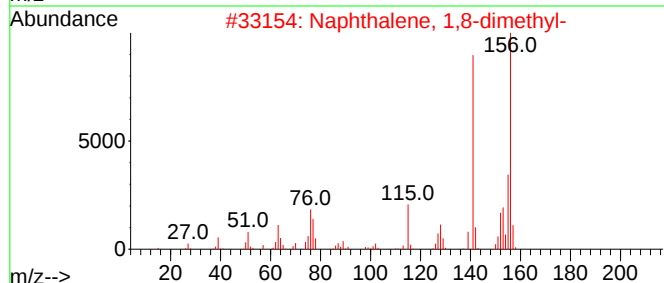
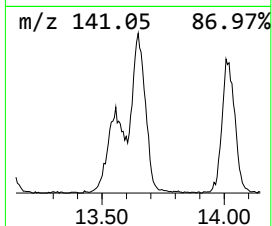
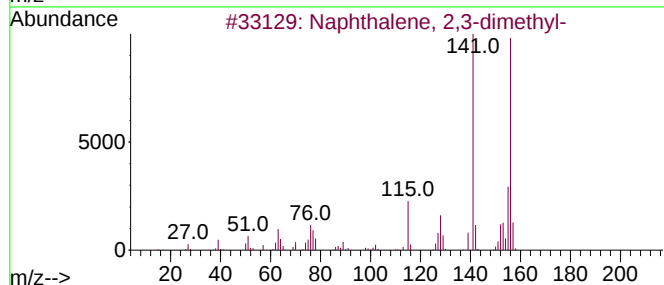
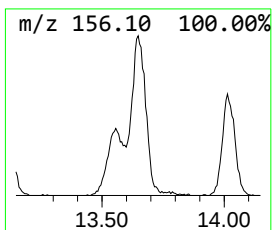
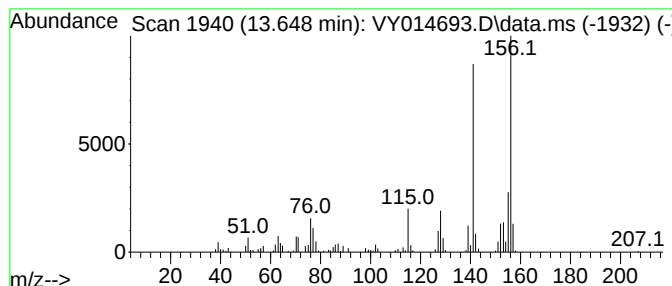
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.648	10.75 ug/l	218619	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, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

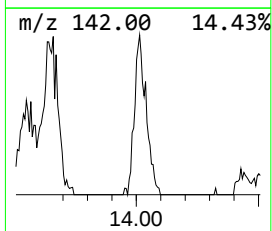
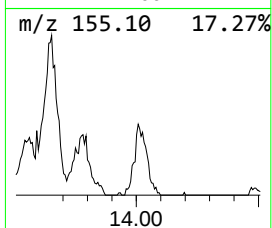
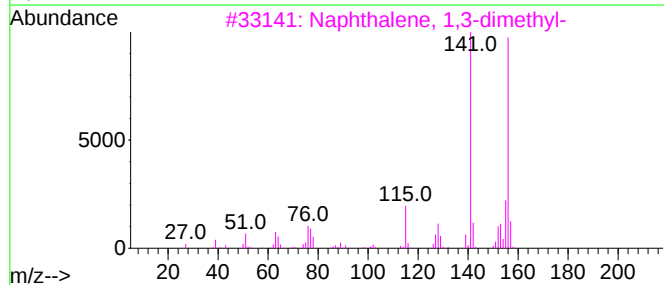
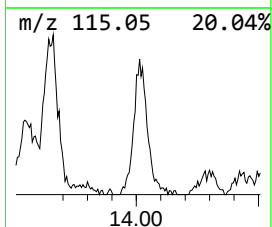
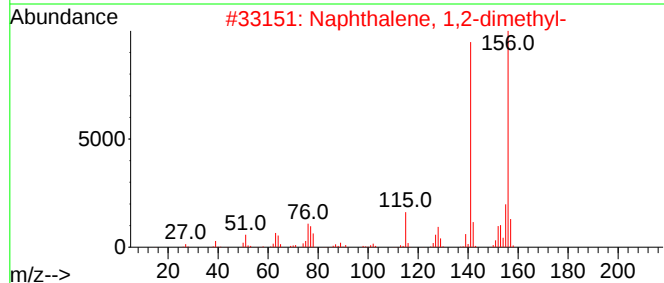
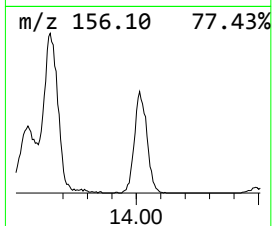
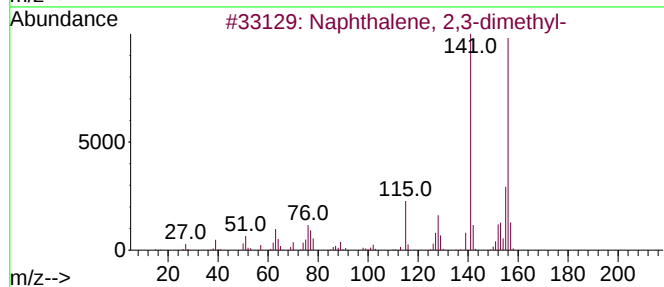
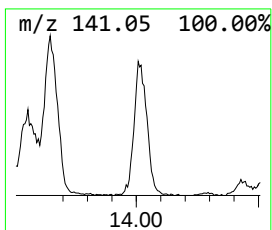
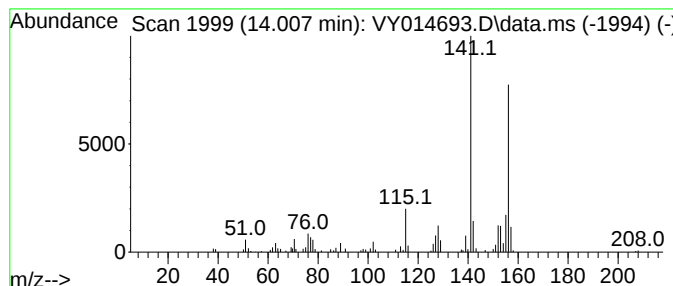
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	6.28 ug/l	127729	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	96
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

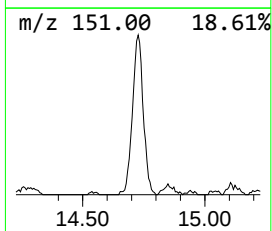
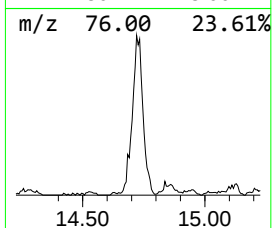
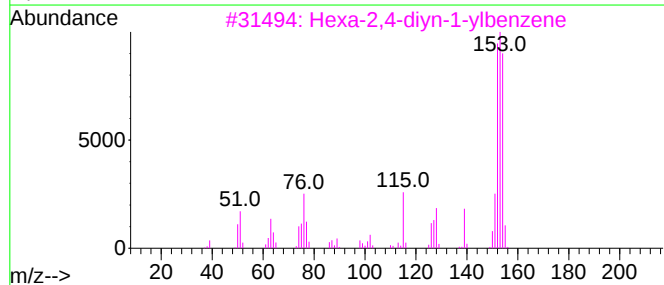
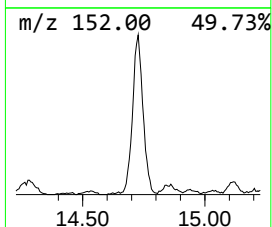
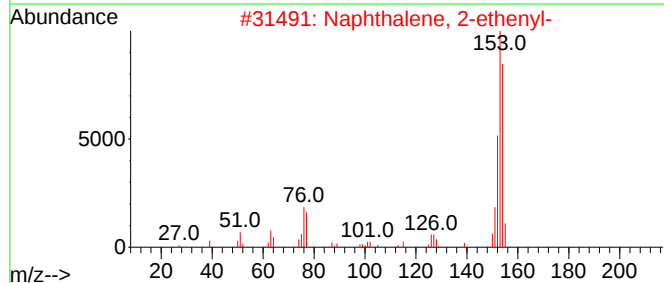
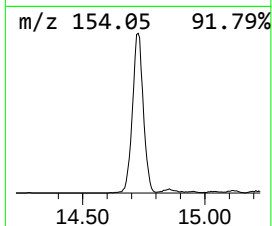
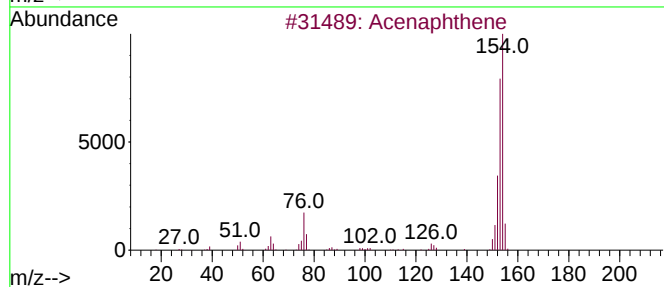
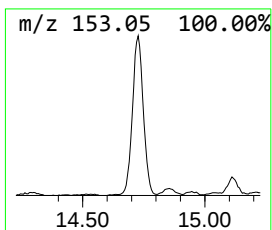
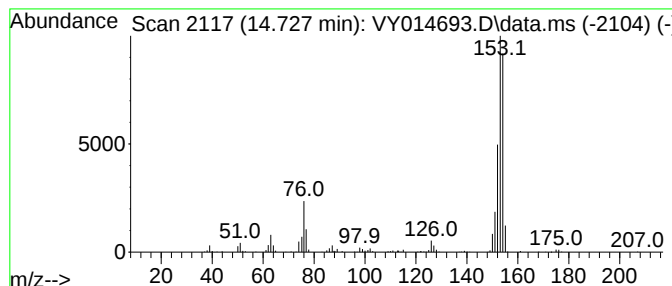
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 9 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	19.86 ug/l	404002	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	59
4			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

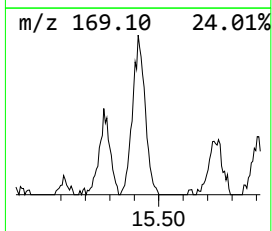
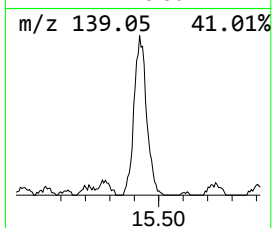
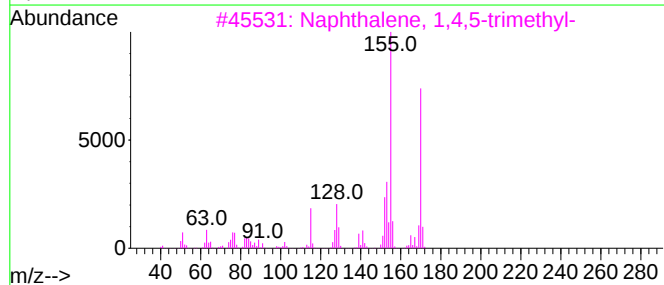
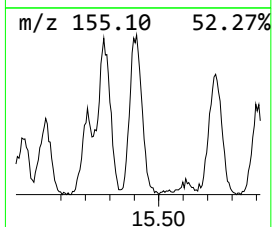
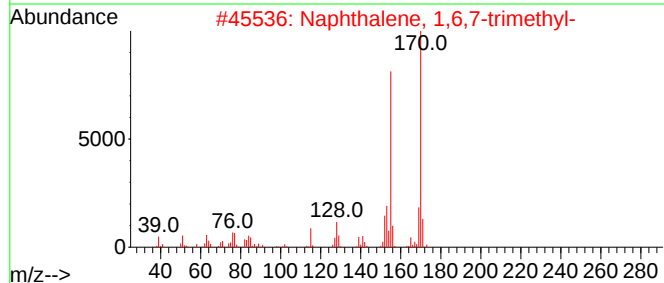
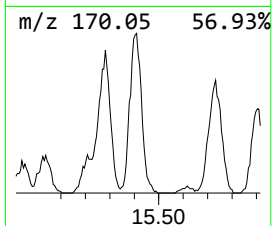
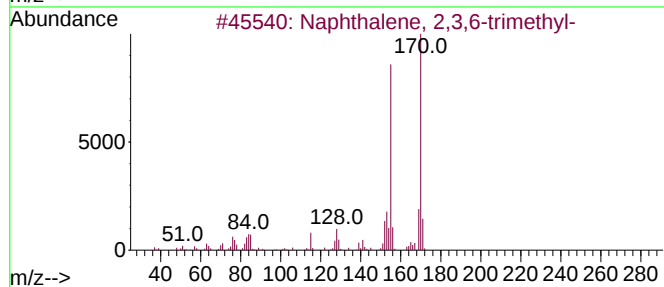
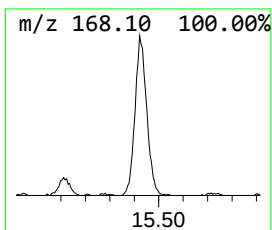
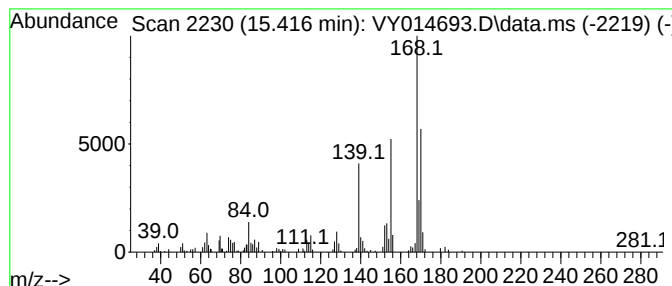
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	10.33 ug/l	210102	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014693.D
Acq On : 18 Jul 2023 11:48
Operator : SY/MD
Sample : 03653-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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, 2,...	12.374	13.6	ug/l	285845	3	11.490	1049820	50.0
Naphthalene, 2,...	12.398	15.1	ug/l	317171	3	11.490	1049820	50.0
Naphthalene, 2,...	12.910	17.8	ug/l	361505	4	13.422	1016910	50.0
Naphthalene, 1,...	13.056	20.3	ug/l	413162	4	13.422	1016910	50.0
Naphthalene, 1,...	13.648	10.8	ug/l	218619	4	13.422	1016910	50.0
Naphthalene, 1,...	14.007	6.3	ug/l	127729	4	13.422	1016910	50.0
Acenaphthene	14.727	19.9	ug/l	404002	4	13.422	1016910	50.0
Naphthalene, 2,...	15.416	10.3	ug/l	210102	4	13.422	1016910	50.0