

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014671.D
 Acq On : 17 Jul 2023 14:44
 Operator : SY/MD
 Sample : 03580-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.132	43	51	52	rBV3	4633	10154	5.69%	1.169%
2	4.704	470	473	481	rVV5	1936	4768	2.67%	0.549%
3	5.747	636	644	651	rBV6	1520	4042	2.27%	0.465%
4	6.960	832	843	854	rBV2	9034	29475	16.53%	3.394%
5	7.496	926	931	933	rBV3	1134	1830	1.03%	0.211%
6	7.716	959	967	972	rBV2	7583	17660	9.90%	2.034%
7	7.789	972	979	987	rVB	14672	34598	19.40%	3.984%
8	8.137	1026	1036	1045	rBV2	9370	22406	12.56%	2.580%
9	8.685	1119	1126	1135	rBV	22527	45342	25.43%	5.222%
10	10.179	1364	1371	1378	rBV	34718	60550	33.95%	6.973%
11	11.490	1580	1586	1592	rBV	30663	53218	29.84%	6.129%
12	12.368	1710	1730	1732	rBV4	17011	59394	33.31%	6.840%
13	12.477	1743	1748	1762	rVB2	33333	73116	41.00%	8.420%
14	12.764	1786	1795	1797	rBV6	1317	3088	1.73%	0.356%
15	12.916	1800	1820	1833	rBV5	30467	178326	100.00%	20.536%
16	13.050	1834	1842	1844	rBV4	11592	25100	14.08%	2.891%
17	13.264	1872	1877	1878	rBV5	1071	1820	1.02%	0.210%
18	13.422	1897	1903	1910	rVV	28548	44641	25.03%	5.141%
19	13.562	1910	1926	1931	rVV7	5526	25156	14.11%	2.897%
20	13.642	1931	1939	1953	rVB7	11608	45848	25.71%	5.280%
21	14.007	1993	1999	2010	rVV4	7636	26276	14.73%	3.026%
22	14.294	2043	2046	2049	rVV5	1316	2389	1.34%	0.275%
23	14.721	2102	2116	2126	rVV4	19096	64352	36.09%	7.411%
24	14.849	2130	2137	2147	rBV9	2861	10006	5.61%	1.152%
25	15.105	2175	2179	2180	rBV3	1620	1795	1.01%	0.207%
26	15.221	2189	2198	2199	rBV7	1299	2466	1.38%	0.284%
27	15.422	2222	2231	2240	rVV9	4344	15123	8.48%	1.742%
28	15.727	2277	2281	2284	rVV6	1444	2443	1.37%	0.281%
29	15.903	2303	2310	2312	rBV5	1766	2975	1.67%	0.343%

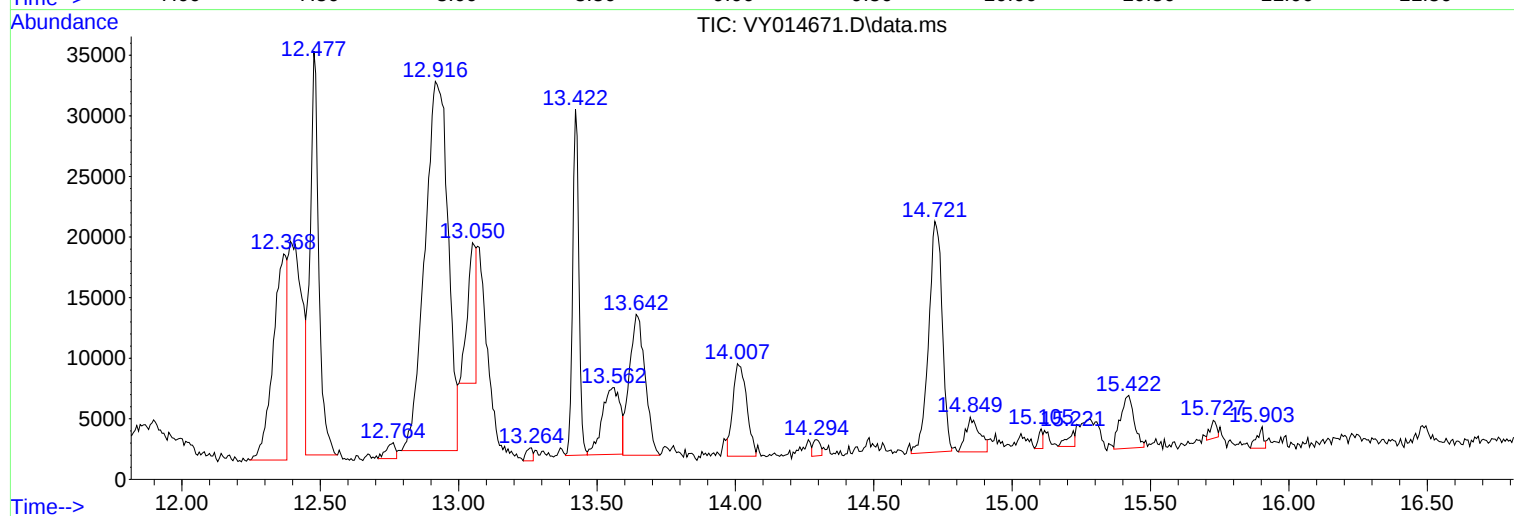
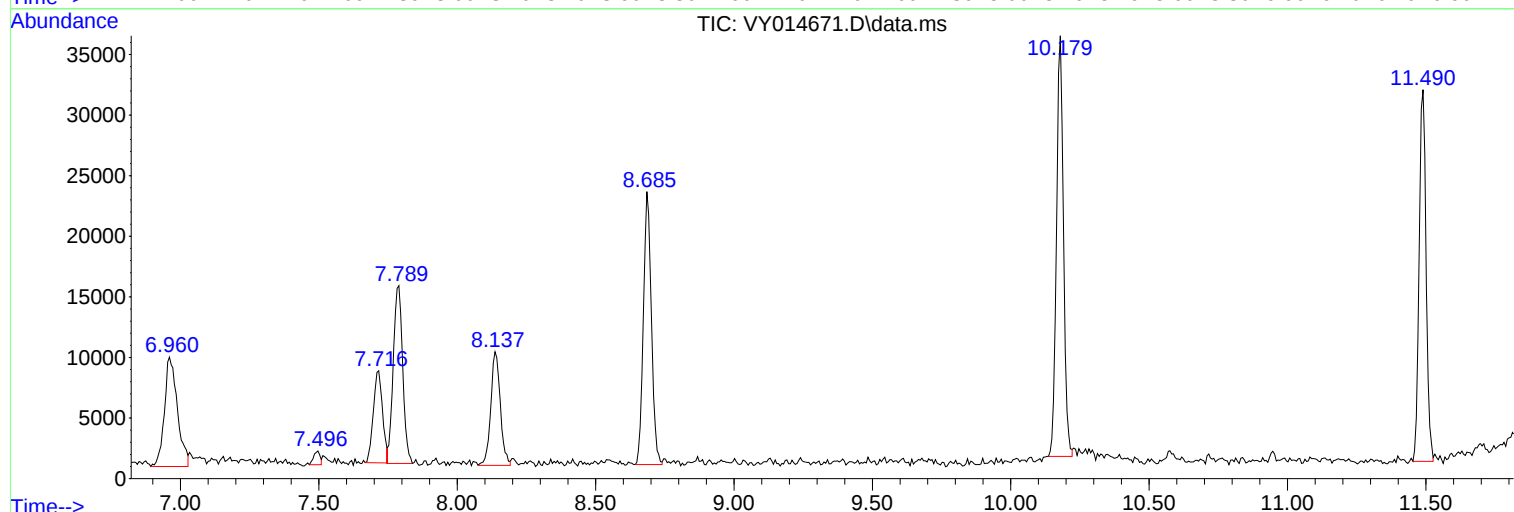
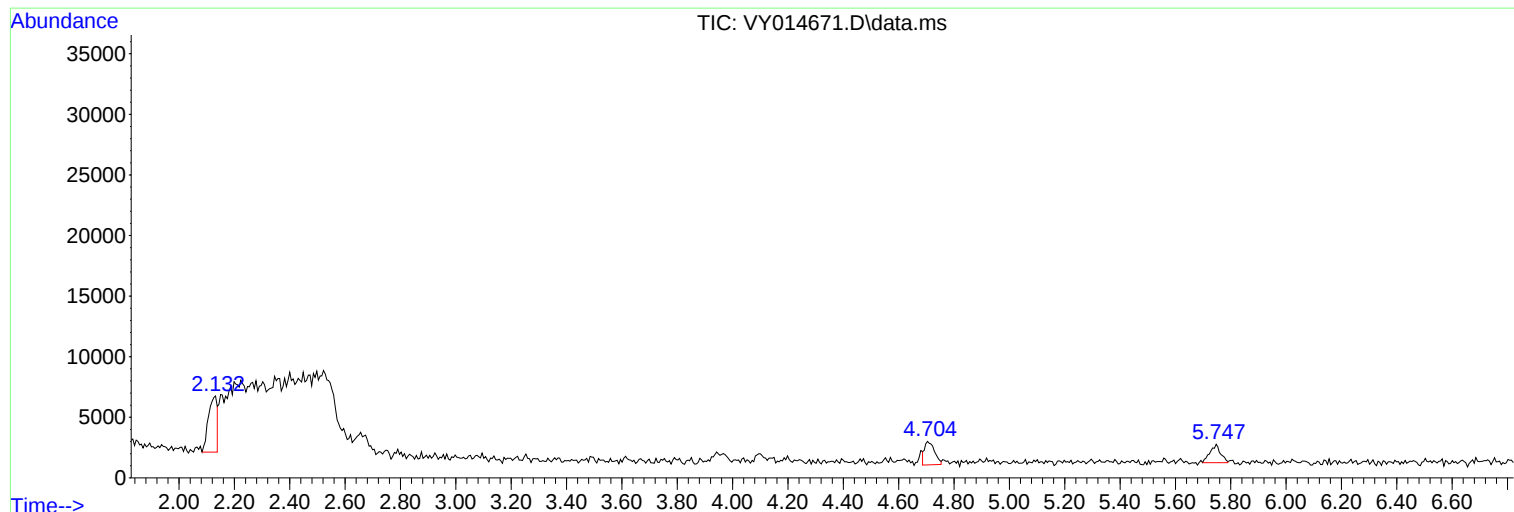
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MSVOA_Y
ClientSampleId :
SAMPLE-1

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



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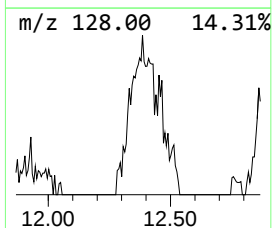
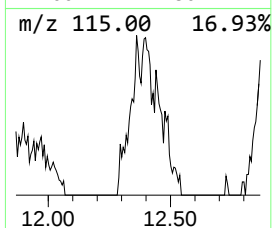
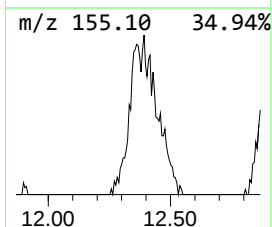
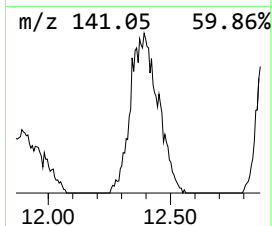
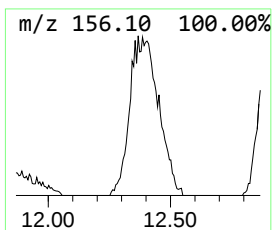
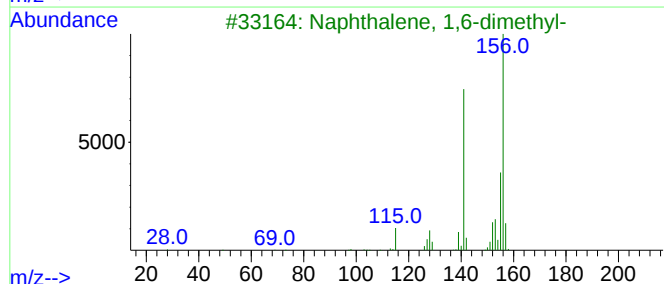
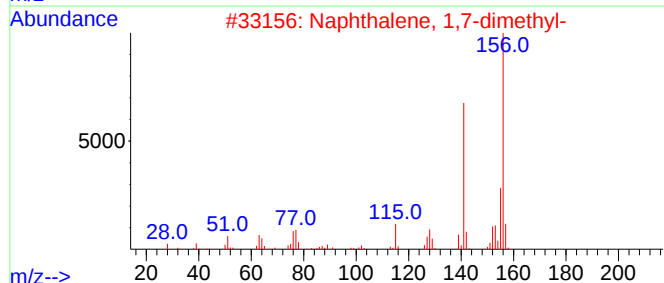
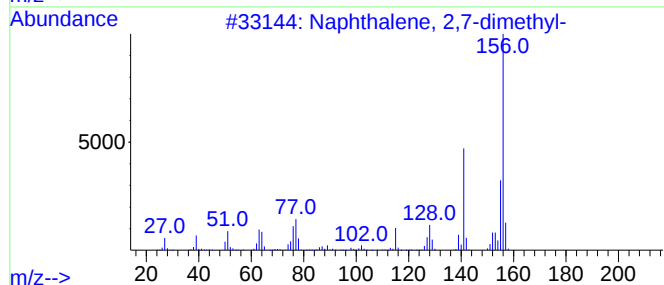
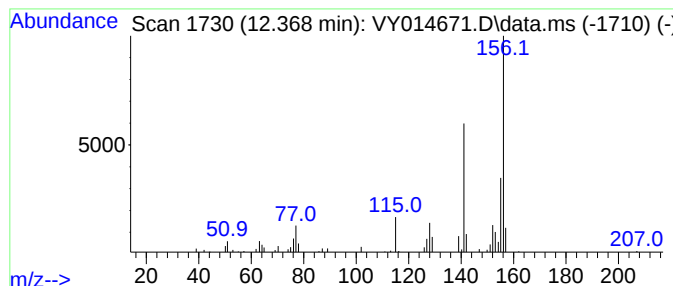
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	55.80 ug/l	59394	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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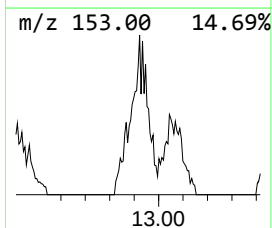
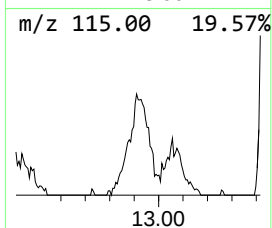
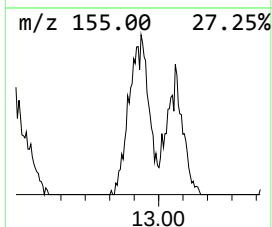
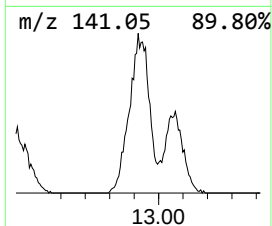
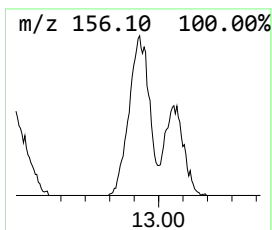
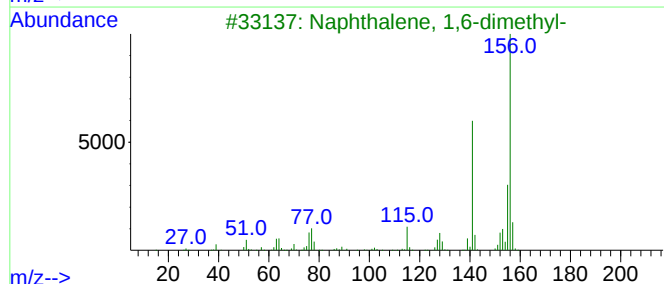
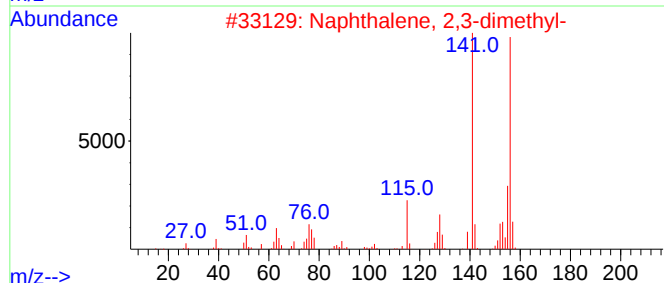
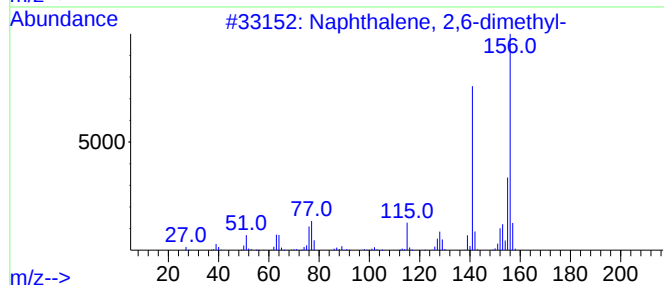
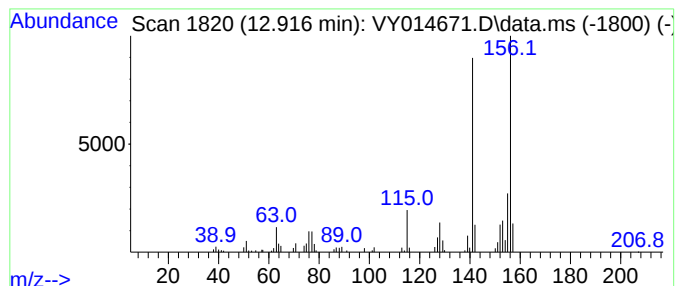
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	199.73 ug/l	178326	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



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ClientSampleId :
SAMPLE-1

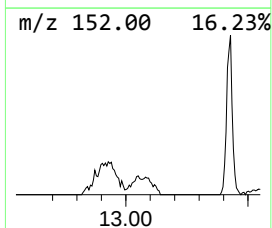
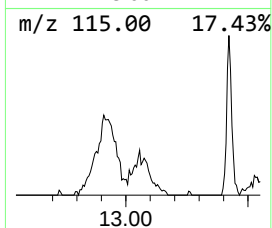
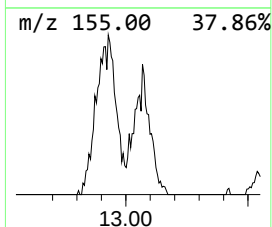
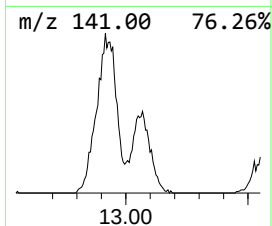
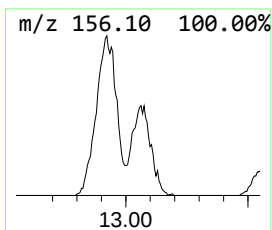
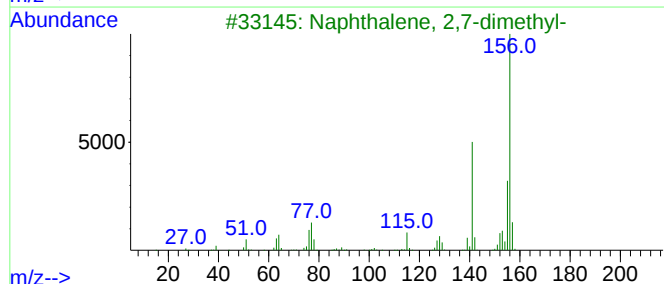
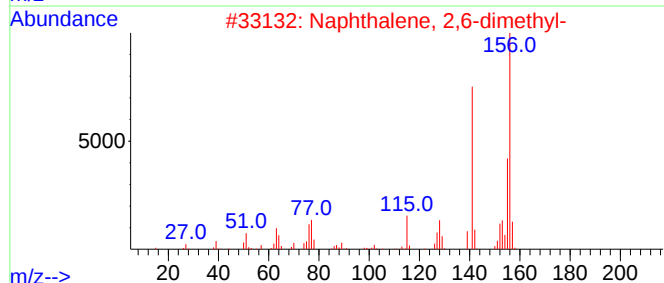
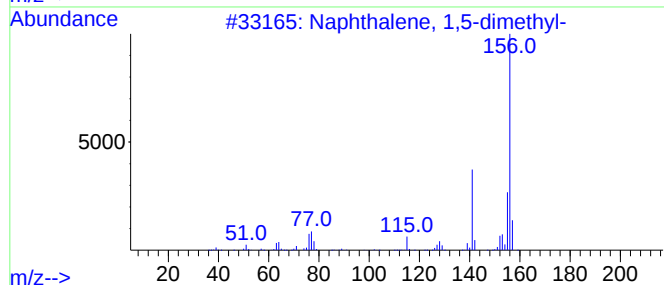
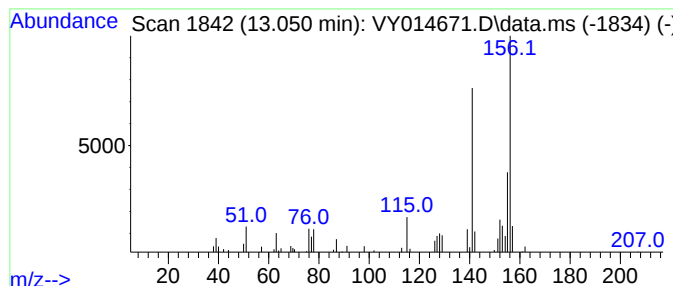
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	28.11 ug/l	25100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

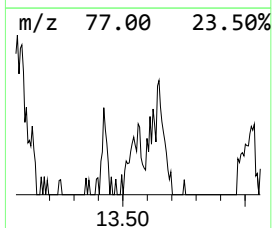
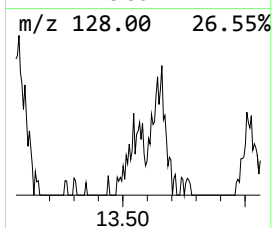
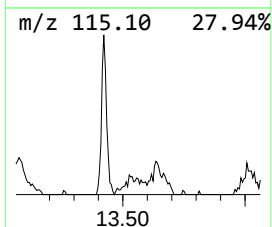
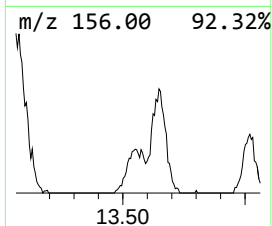
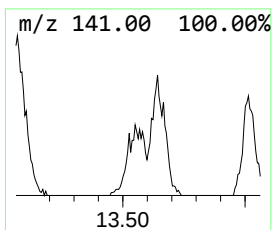
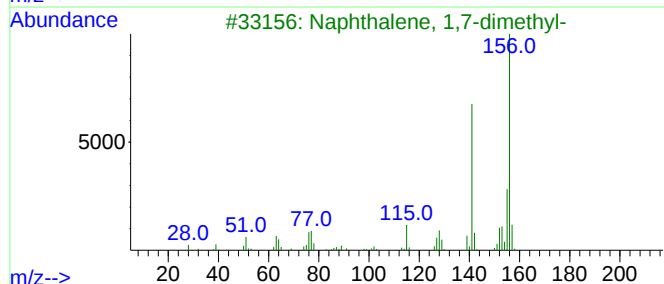
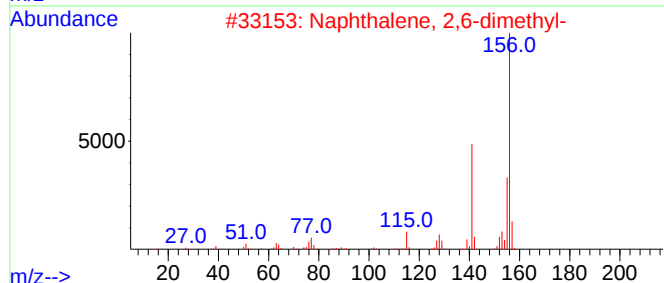
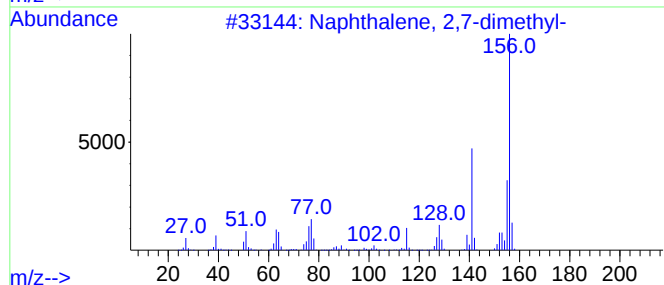
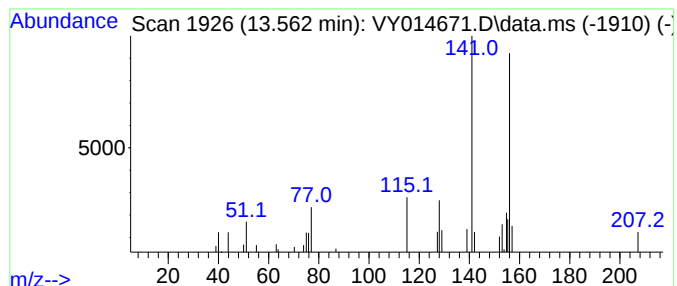
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.562	28.18 ug/l	25156	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



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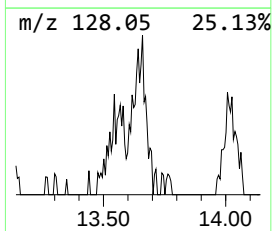
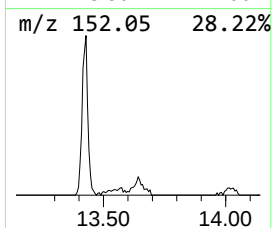
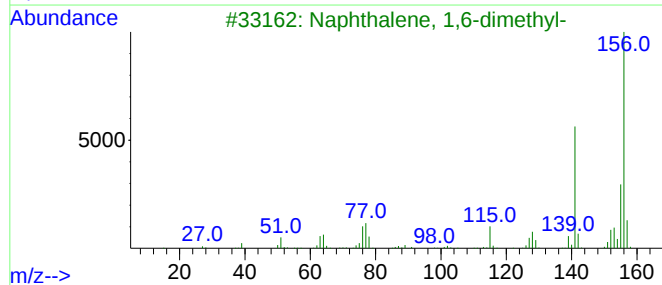
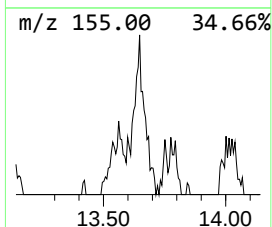
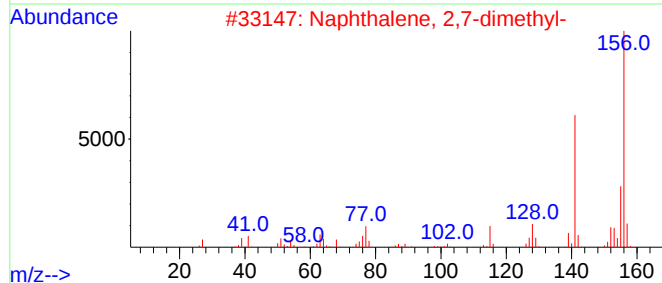
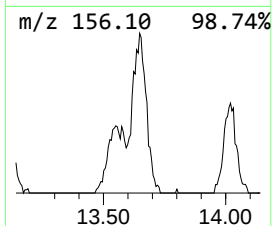
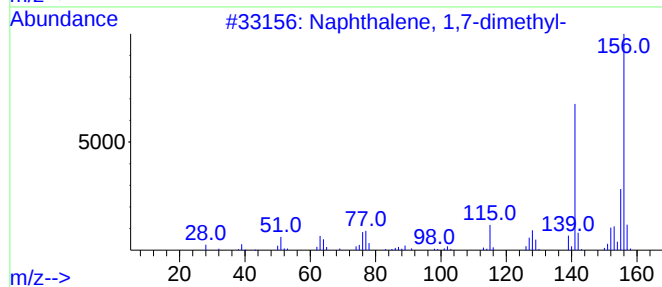
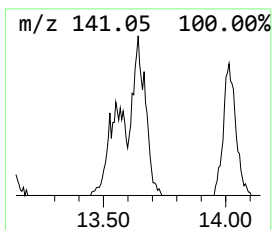
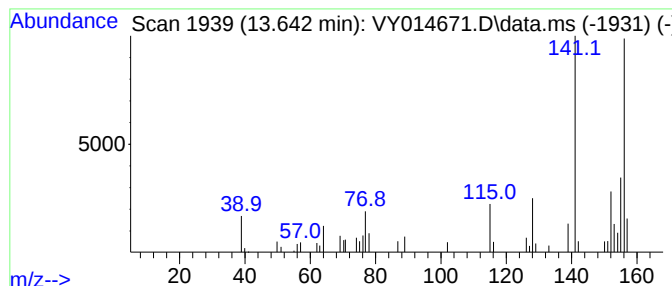
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	51.35 ug/l	45848	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87



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SAMPLE-1

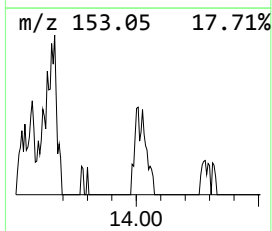
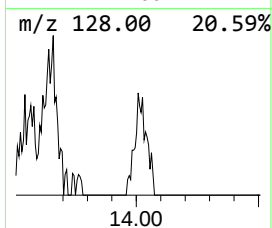
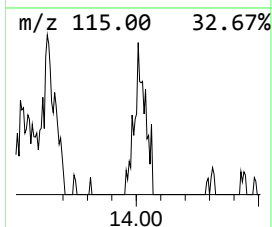
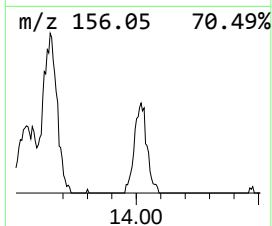
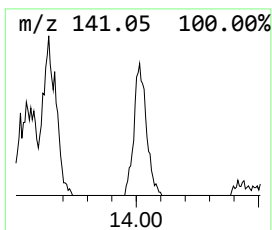
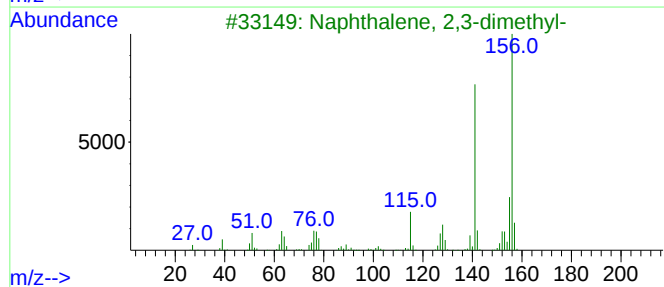
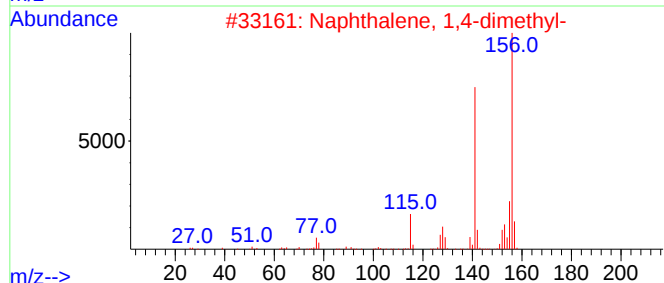
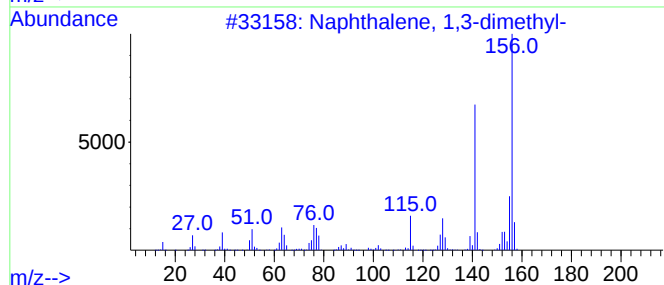
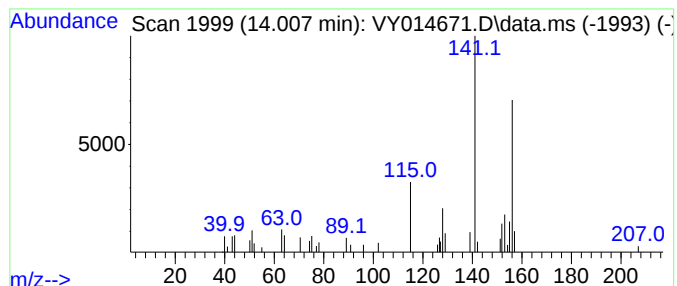
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.008	29.43 ug/l	26276	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
Data File : VY014671.D
Acq On : 17 Jul 2023 14:44
Operator : SY/MD
Sample : 03580-02
Misc : 5.05g/5.0mL/MSVOA_Y/soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

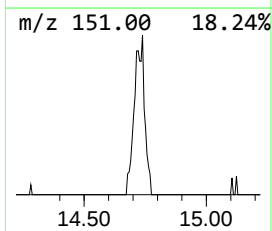
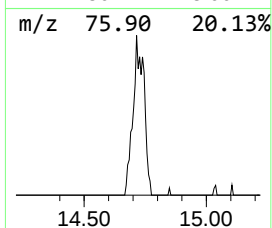
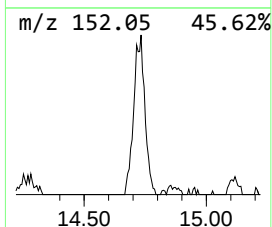
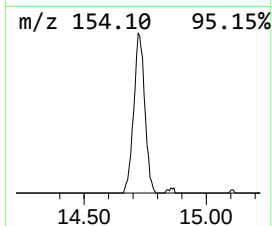
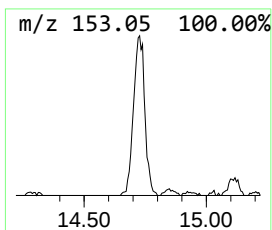
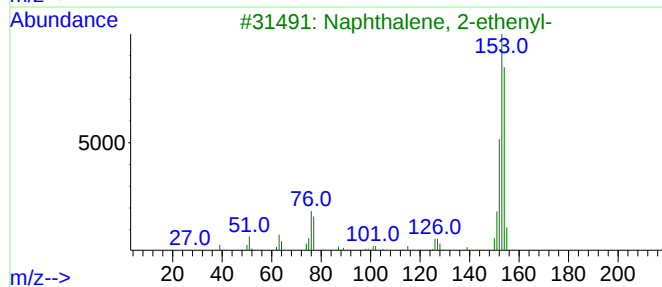
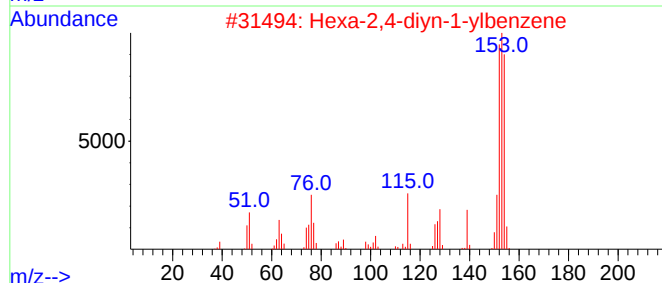
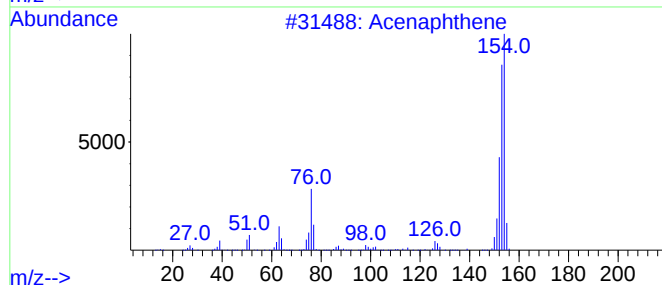
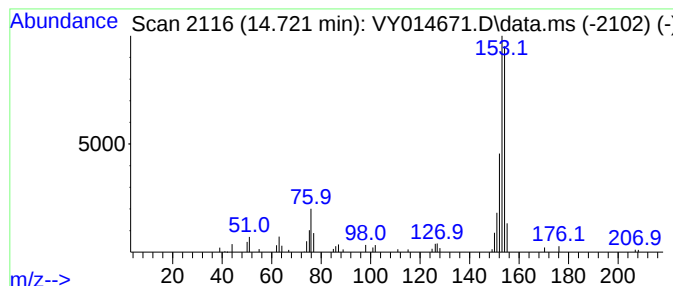
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Quant Title : SW846 8260

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

Peak Number 8 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.721	72.08 ug/l	64352	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	90
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
4			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5			Biphenyl	154	C12H10	000092-52-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
Data File : VY014671.D
Acq On : 17 Jul 2023 14:44
Operator : SY/MD
Sample : 03580-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

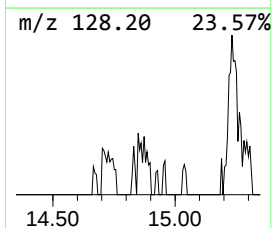
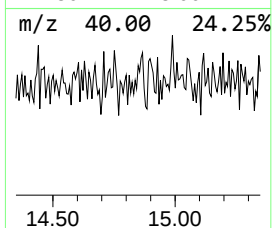
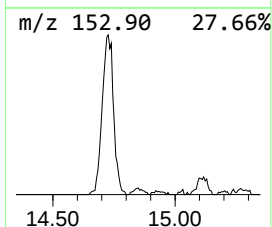
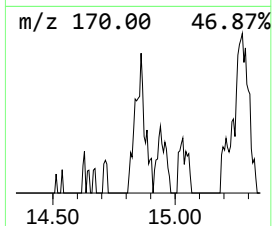
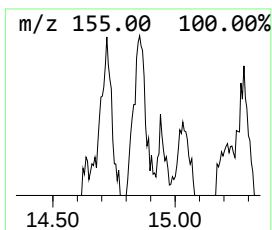
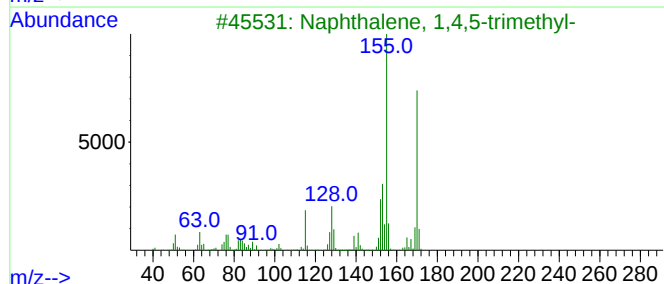
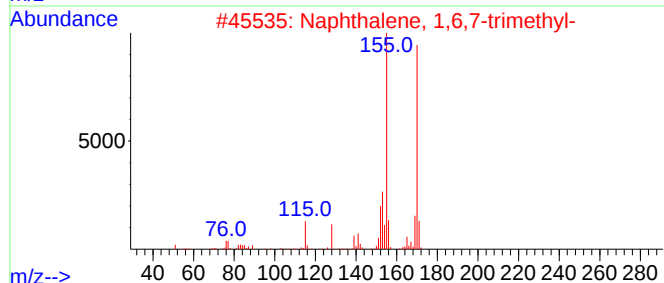
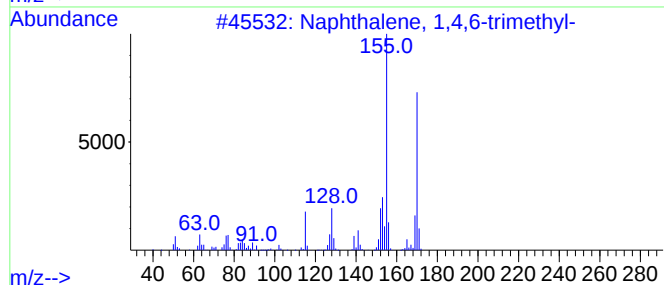
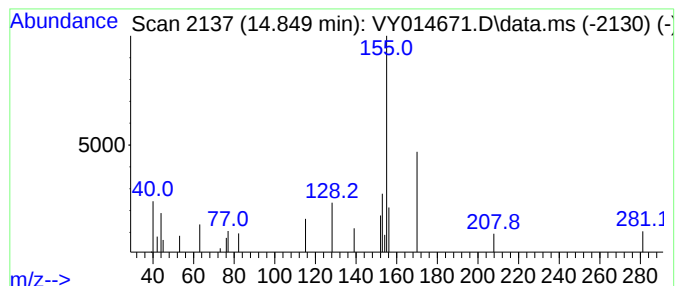
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.849	11.21 ug/l	10006	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	72
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	58
4			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	47
5			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
Data File : VY014671.D
Acq On : 17 Jul 2023 14:44
Operator : SY/MD
Sample : 03580-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

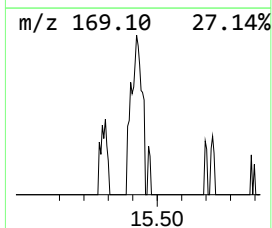
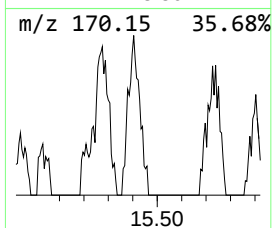
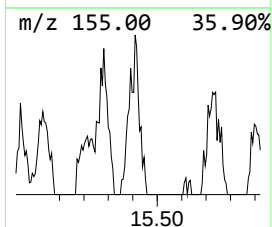
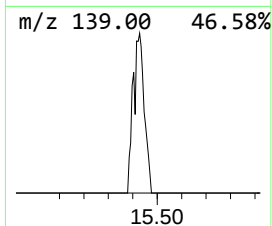
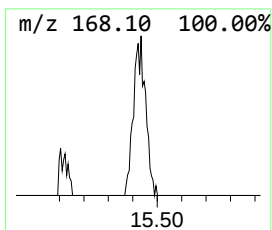
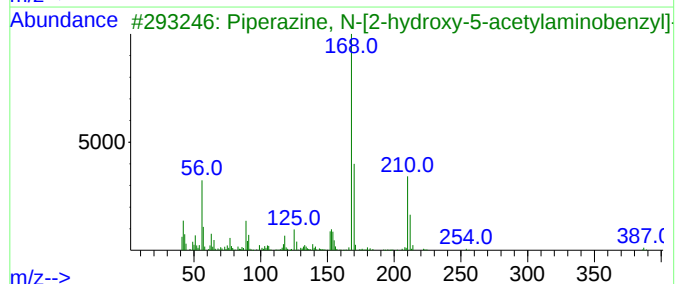
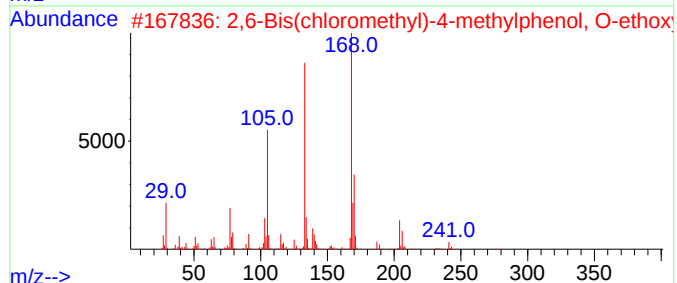
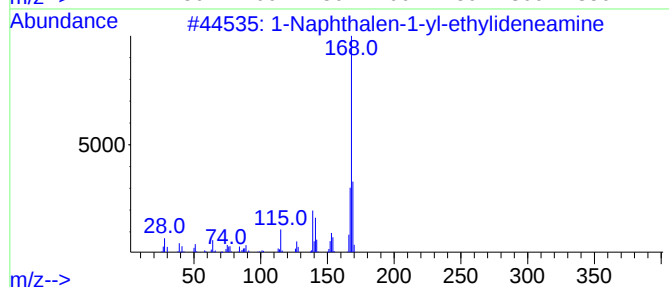
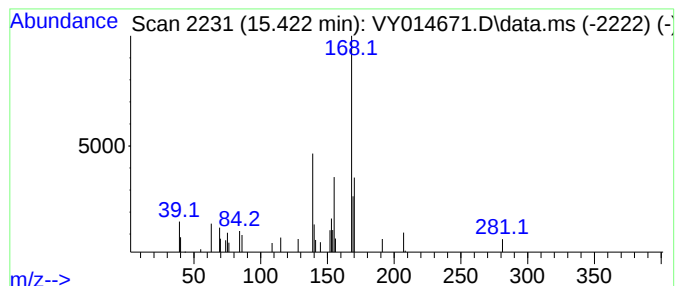
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Quant Title : SW846 8260

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

Peak Number 10 1-Naphthalen-1-yl-ethyliden... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	16.94 ug/l	15123	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalen-1-yl-ethylideneamine	169	C12H11N	1000187-76-0	50
2			2,6-Bis(chloromethyl)-4-methylph...	276	C12H14Cl2O3	1000487-41-5	47
3			Piperazine, N-[2-hydroxy-5-acety...	387	C21H26ClN3O2	1000253-94-7	43
4			1-Methyl-1-(p-chlorophenyl)-1-sil...	196	C10H13ClSi	057465-49-3	42
5			Benzenemethanol, 3,4-dimethoxy-	168	C9H12O3	000093-03-8	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
Data File : VY014671.D
Acq On : 17 Jul 2023 14:44
Operator : SY/MD
Sample : 03580-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

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
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Naphthalene, 2,...	12.916	199.7	ug/l	178326	4	13.428	44641	50.0
Naphthalene, 1,...	13.050	28.1	ug/l	25100	4	13.428	44641	50.0
Naphthalene, 1,...	13.562	28.2	ug/l	25156	4	13.428	44641	50.0
Naphthalene, 1,...	13.642	51.4	ug/l	45848	4	13.428	44641	50.0
Naphthalene, 1,...	14.008	29.4	ug/l	26276	4	13.428	44641	50.0
Hexa-2,4-diyne-1...	14.721	72.1	ug/l	64352	4	13.428	44641	50.0
Naphthalene, 1,...	14.849	11.2	ug/l	10006	4	13.428	44641	50.0
1-Naphthalene-1-...	15.422	16.9	ug/l	15123	4	13.428	44641	50.0