

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014677.D
 Acq On : 17 Jul 2023 17:07
 Operator : SY/MD
 Sample : 03631-01
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)

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: VY014677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	461	474	492	rBV3	33224	113890	9.76%	1.315%
2	5.741	629	643	655	rBV2	20587	63163	5.41%	0.729%
3	7.710	957	966	972	rBV	155635	376623	32.26%	4.349%
4	7.783	972	978	995	rVB	277638	645287	55.27%	7.452%
5	8.137	1028	1036	1049	rBV	149902	328158	28.11%	3.790%
6	8.685	1118	1126	1137	rBV	442240	857128	73.42%	9.899%
7	10.179	1362	1371	1380	rBV	666739	1167422	100.00%	13.482%
8	10.709	1453	1458	1463	rBV3	7108	12101	1.04%	0.140%
9	11.490	1578	1586	1597	rBV	595186	999541	85.62%	11.543%
10	11.849	1633	1645	1649	rBV6	4685	17857	1.53%	0.206%
11	12.380	1709	1732	1735	rBV3	59993	280850	24.06%	3.243%
12	12.477	1743	1748	1764	rVB	514350	868568	74.40%	10.031%
13	12.916	1798	1820	1834	rVV3	100637	610322	52.28%	7.048%
14	13.069	1834	1845	1864	rVB4	61528	311283	26.66%	3.595%
15	13.422	1892	1903	1911	rBV	598684	921873	78.97%	10.646%
16	13.532	1911	1921	1922	rBV3	19487	38056	3.26%	0.439%
17	13.642	1931	1939	1953	rVB2	39762	150541	12.90%	1.739%
18	13.782	1953	1962	1967	rVB9	5726	13252	1.14%	0.153%
19	13.959	1985	1991	1995	rBV2	20606	42559	3.65%	0.491%
20	14.007	1995	1999	2013	rVB2	27678	82325	7.05%	0.951%
21	14.209	2022	2032	2036	rBV6	5410	14194	1.22%	0.164%
22	14.282	2036	2044	2055	rVB6	8717	32073	2.75%	0.370%
23	14.410	2058	2065	2069	rBV7	6548	12233	1.05%	0.141%
24	14.727	2105	2117	2128	rVB	81343	246241	21.09%	2.844%
25	14.843	2128	2136	2148	rVV4	15121	58649	5.02%	0.677%
26	14.940	2148	2152	2159	rVV5	6851	19225	1.65%	0.222%
27	15.038	2159	2168	2174	rVV4	7092	23913	2.05%	0.276%
28	15.123	2178	2182	2187	rVV5	7578	17483	1.50%	0.202%
29	15.202	2189	2195	2197	rVV4	7107	15823	1.36%	0.183%
30	15.282	2197	2208	2216	rVV9	17800	72765	6.23%	0.840%
31	15.416	2219	2230	2244	rVB6	30601	119645	10.25%	1.382%
32	15.733	2269	2282	2291	rVB5	12462	49794	4.27%	0.575%
33	15.897	2302	2309	2321	rVB4	10451	30052	2.57%	0.347%
34	16.227	2356	2363	2371	rVB8	5475	17375	1.49%	0.201%
35	16.483	2399	2405	2411	rBV2	7565	16807	1.44%	0.194%
36	16.757	2440	2450	2454	rBV10	4176	12022	1.03%	0.139%

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SB-02(2-4)

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

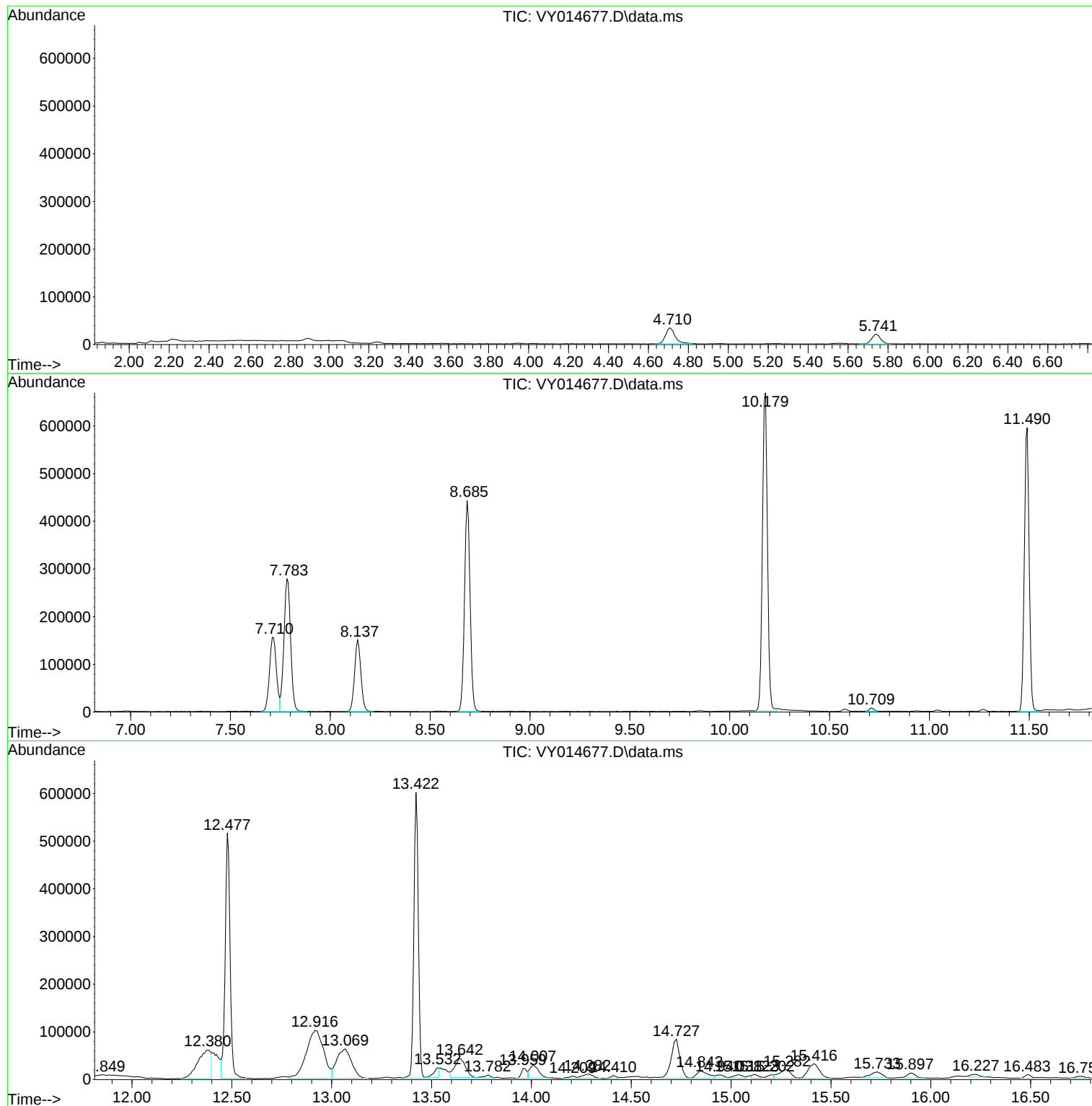
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



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SB-02(2-4)

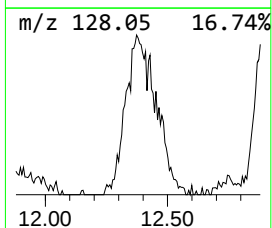
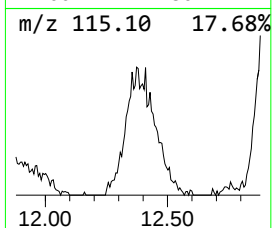
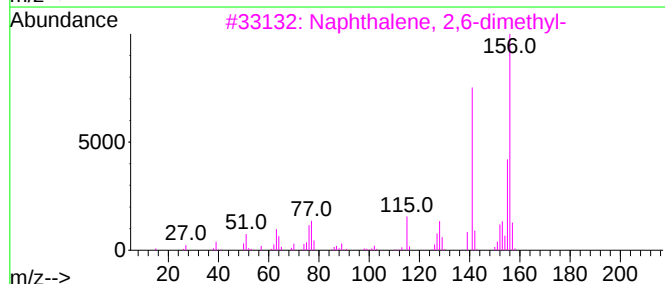
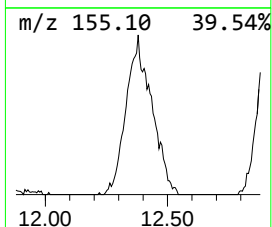
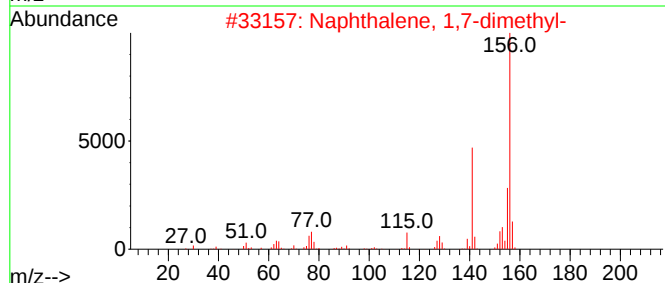
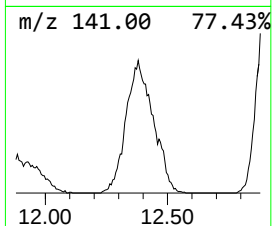
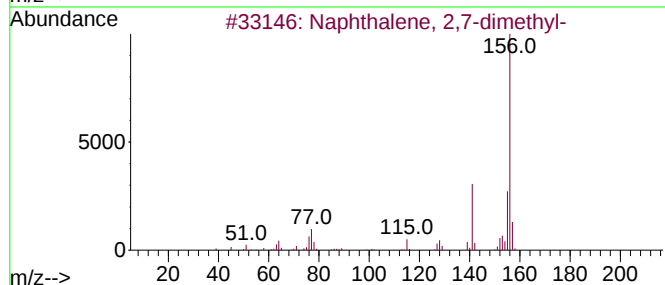
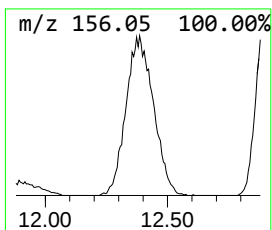
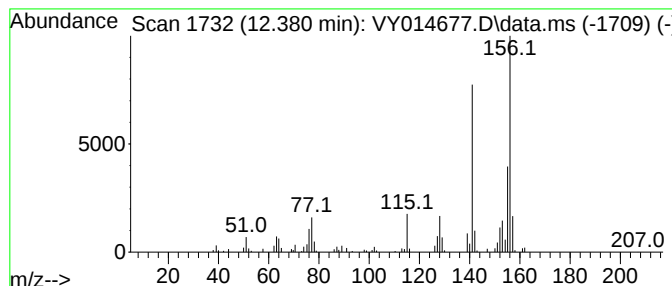
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	14.05 ug/l	280850	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	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)

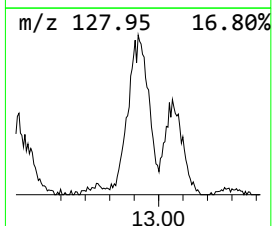
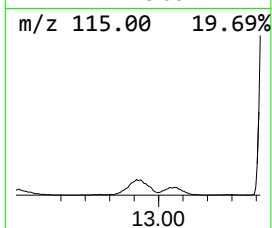
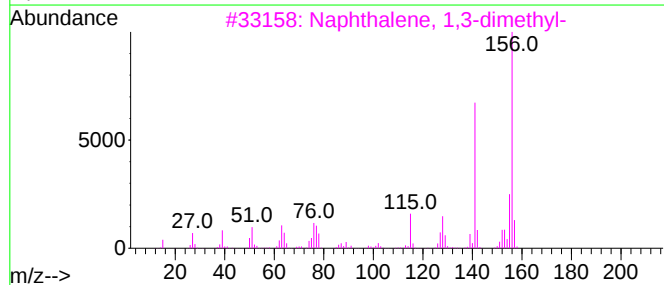
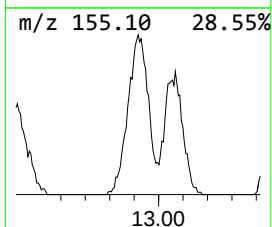
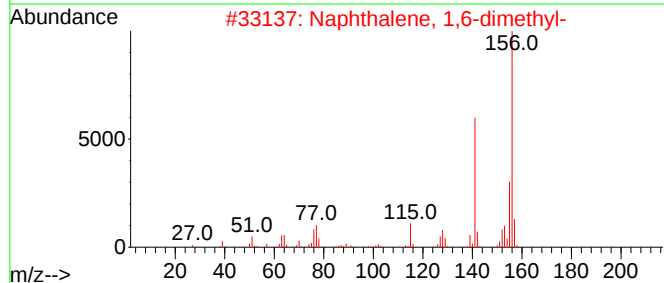
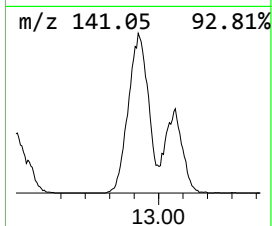
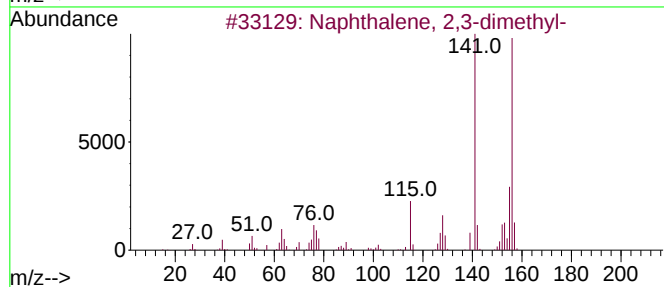
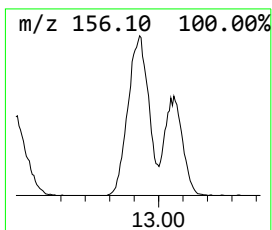
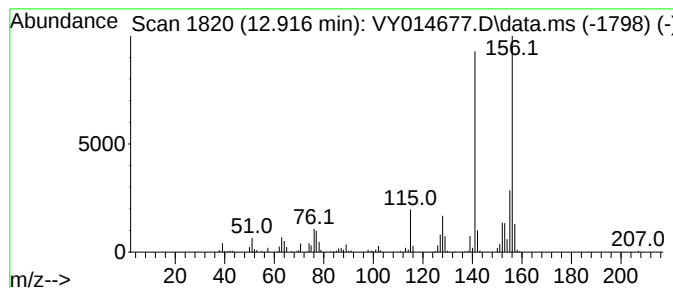
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	33.10 ug/l	610322	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	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)

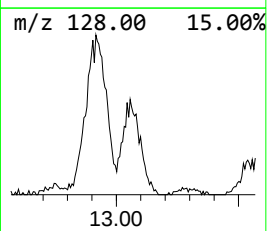
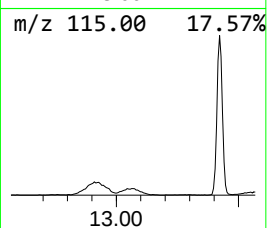
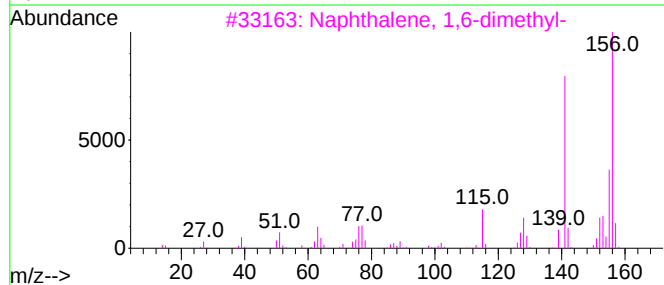
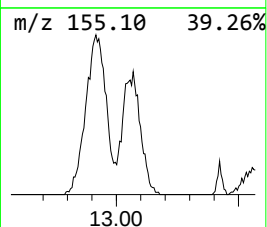
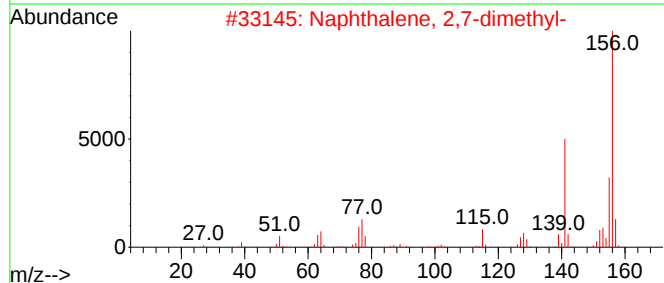
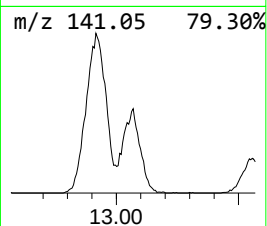
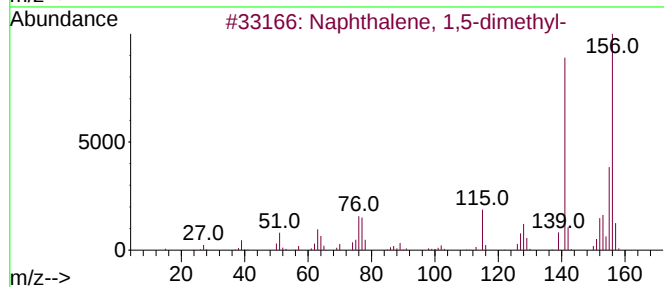
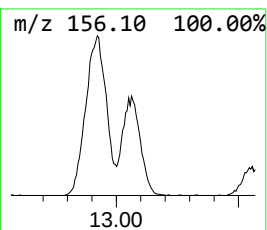
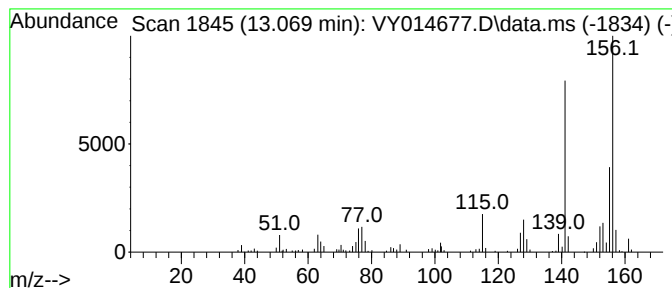
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	16.88 ug/l	311283	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	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)

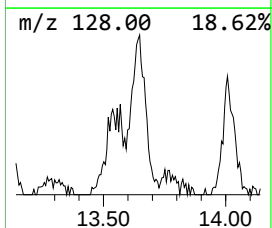
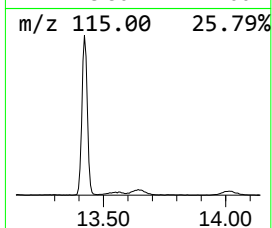
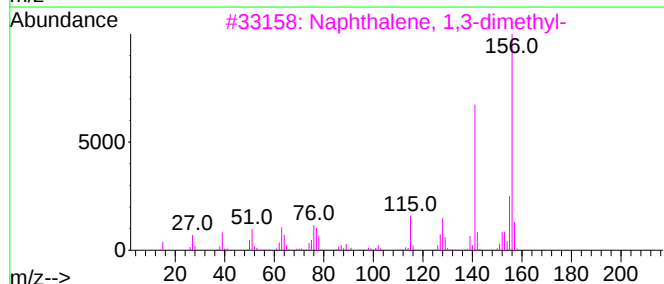
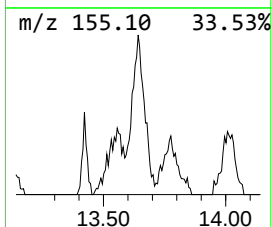
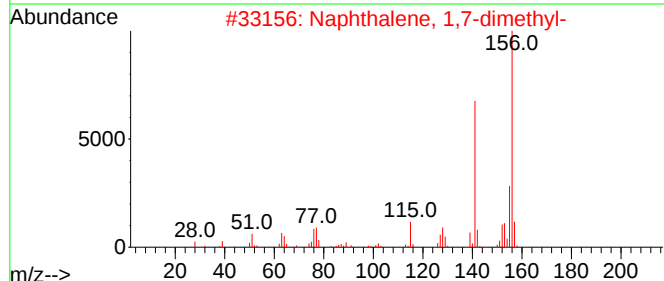
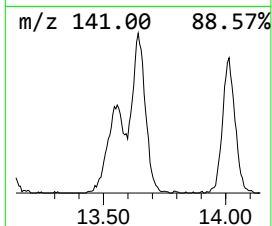
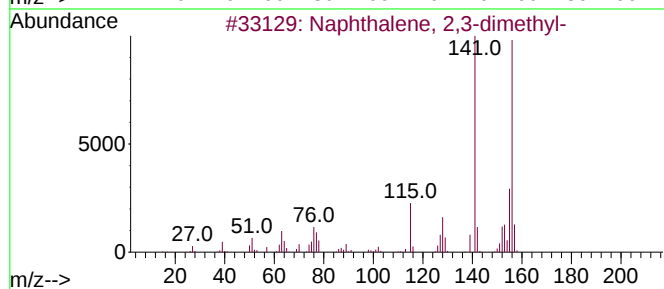
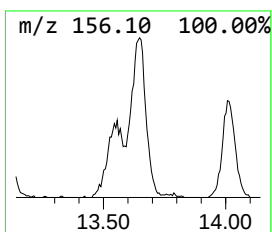
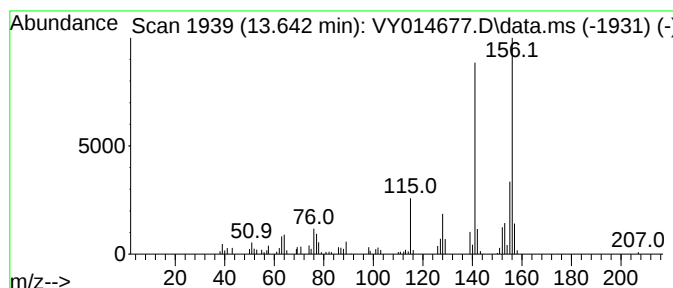
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	8.16 ug/l	150541	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, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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MSVOA_Y
ClientSampleId :
SB-02(2-4)

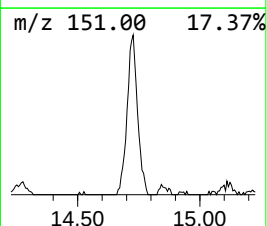
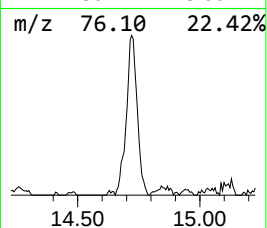
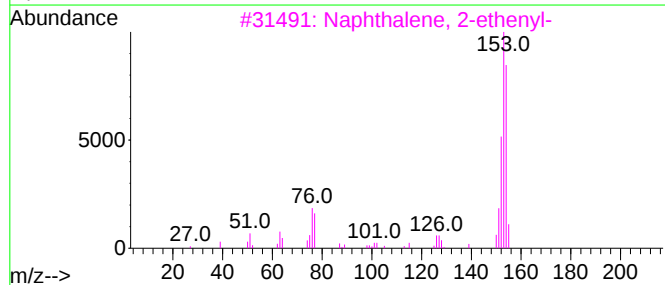
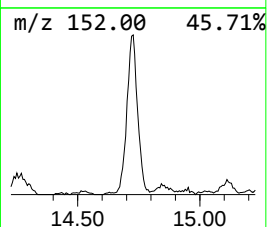
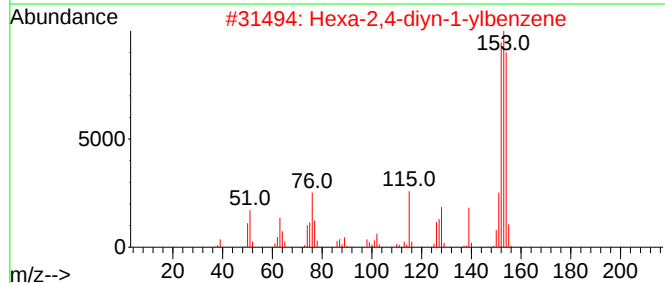
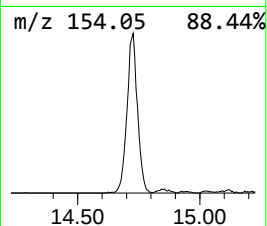
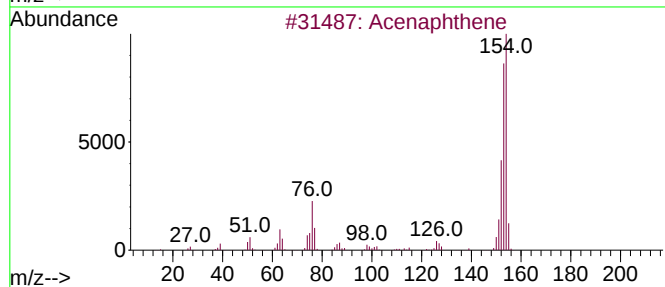
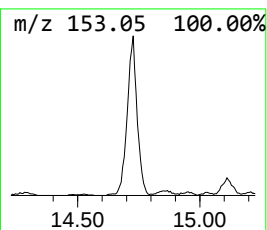
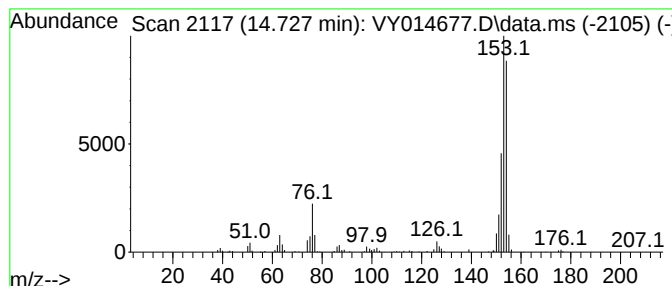
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 5 Acenaphthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	13.36 ug/l	246241	1,4-Dichlorobenzene-d4	13.422

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			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
Data File : VY014677.D
Acq On : 17 Jul 2023 17:07
Operator : SY/MD
Sample : 03631-01
Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)

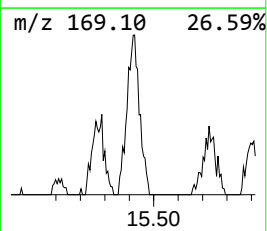
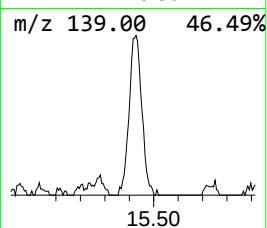
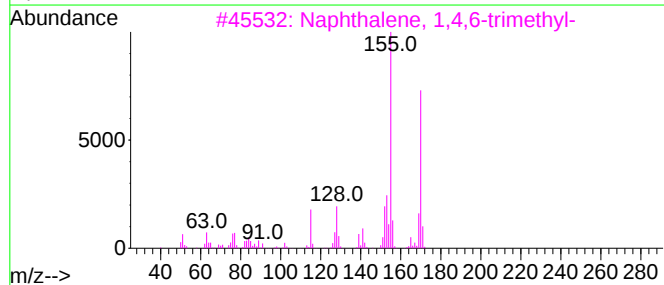
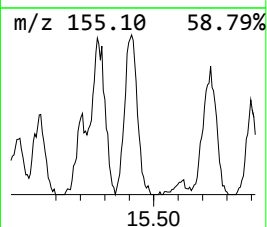
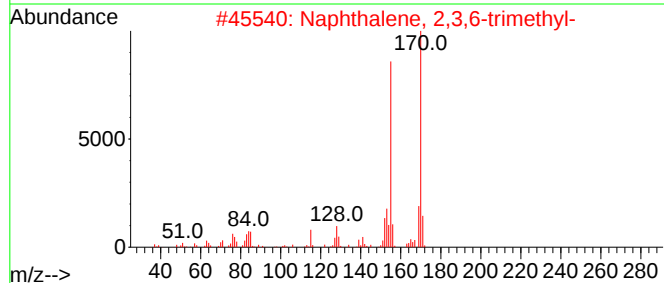
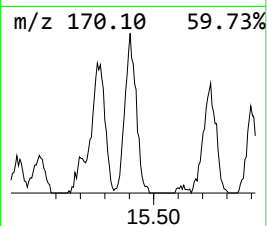
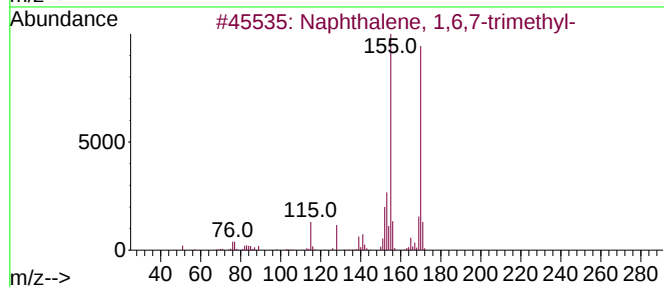
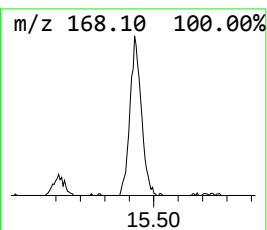
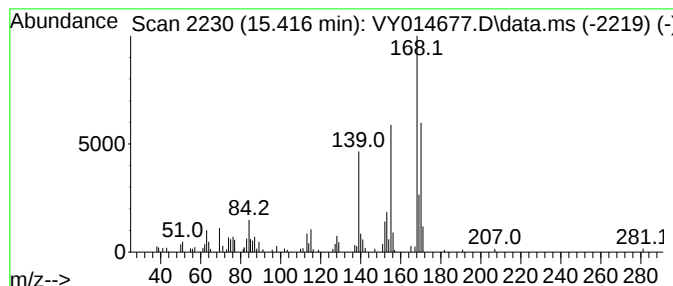
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	6.49 ug/l	119645	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	89
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	46
5			Dibenzofuran	168	C12H8O	000132-64-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
Data File : VY014677.D
Acq On : 17 Jul 2023 17:07
Operator : SY/MD
Sample : 03631-01
Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	12.380	14.1	ug/l	280850	3	11.490	999541	50.0
Naphthalene, 2,...	12.916	33.1	ug/l	610322	4	13.422	921873	50.0
Naphthalene, 1,...	13.069	16.9	ug/l	311283	4	13.422	921873	50.0
Naphthalene, 1,...	13.642	8.2	ug/l	150541	4	13.422	921873	50.0
Acenaphthene	14.727	13.4	ug/l	246241	4	13.422	921873	50.0
Naphthalene, 1,...	15.416	6.5	ug/l	119645	4	13.422	921873	50.0