

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011028.D
 Acq On : 20 Oct 2022 16:21
 Operator : KP/MD
 Sample : N5193-06
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-03-03-05

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\82Y101722S.M

Title : SW846 8260

Signal : TIC: VY011028.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	464	474	485	rBV4	3972	12395	1.74%	0.265%
2	7.716	958	967	972	rBV2	35169	83644	11.74%	1.788%
3	7.783	972	978	993	rVB	149873	343819	48.26%	7.351%
4	8.136	1028	1036	1048	rBV	27762	61510	8.63%	1.315%
5	8.685	1117	1126	1143	rBV	159187	317882	44.62%	6.796%
6	10.179	1359	1371	1379	rBV	243372	429114	60.23%	9.174%
7	11.490	1578	1586	1595	rBV	131477	216902	30.44%	4.637%
8	11.849	1628	1645	1646	rBV3	13997	50175	7.04%	1.073%
9	12.410	1711	1737	1743	rBV4	63377	354379	49.74%	7.577%
10	12.483	1744	1749	1763	rVB3	118027	264575	37.14%	5.657%
11	12.758	1785	1794	1800	rBV3	2971	9942	1.40%	0.213%
12	12.940	1800	1824	1835	rVV3	127203	712451	100.00%	15.232%
13	13.062	1836	1844	1863	rVB3	79950	391738	54.98%	8.375%
14	13.422	1898	1903	1911	rVV	56101	92262	12.95%	1.973%
15	13.556	1911	1925	1932	rVV3	22981	107973	15.16%	2.308%
16	13.648	1932	1940	1952	rVV3	44572	172855	24.26%	3.696%
17	13.782	1952	1962	1976	rVB7	8250	34044	4.78%	0.728%
18	14.026	1987	2002	2016	rBV4	23856	90988	12.77%	1.945%
19	14.288	2034	2045	2058	rVB4	12423	43924	6.17%	0.939%
20	14.422	2058	2067	2069	rBV4	3667	7509	1.05%	0.161%
21	14.544	2085	2087	2098	rVB9	5522	9972	1.40%	0.213%
22	14.727	2103	2117	2131	rBV	193698	558823	78.44%	11.948%
23	14.861	2131	2139	2147	rBV4	14001	45597	6.40%	0.975%
24	15.044	2160	2169	2173	rBV9	5420	15999	2.25%	0.342%
25	15.117	2173	2181	2190	rVB3	13946	41238	5.79%	0.882%
26	15.214	2190	2197	2199	rBV5	4135	8831	1.24%	0.189%
27	15.422	2218	2231	2245	rBV4	37639	141999	19.93%	3.036%
28	15.739	2272	2283	2294	rVB5	7813	30549	4.29%	0.653%
29	15.903	2303	2310	2317	rVB6	3529	10921	1.53%	0.233%
30	16.226	2357	2363	2368	rBV9	2771	7398	1.04%	0.158%
31	16.489	2396	2406	2413	rBV4	3310	7842	1.10%	0.168%

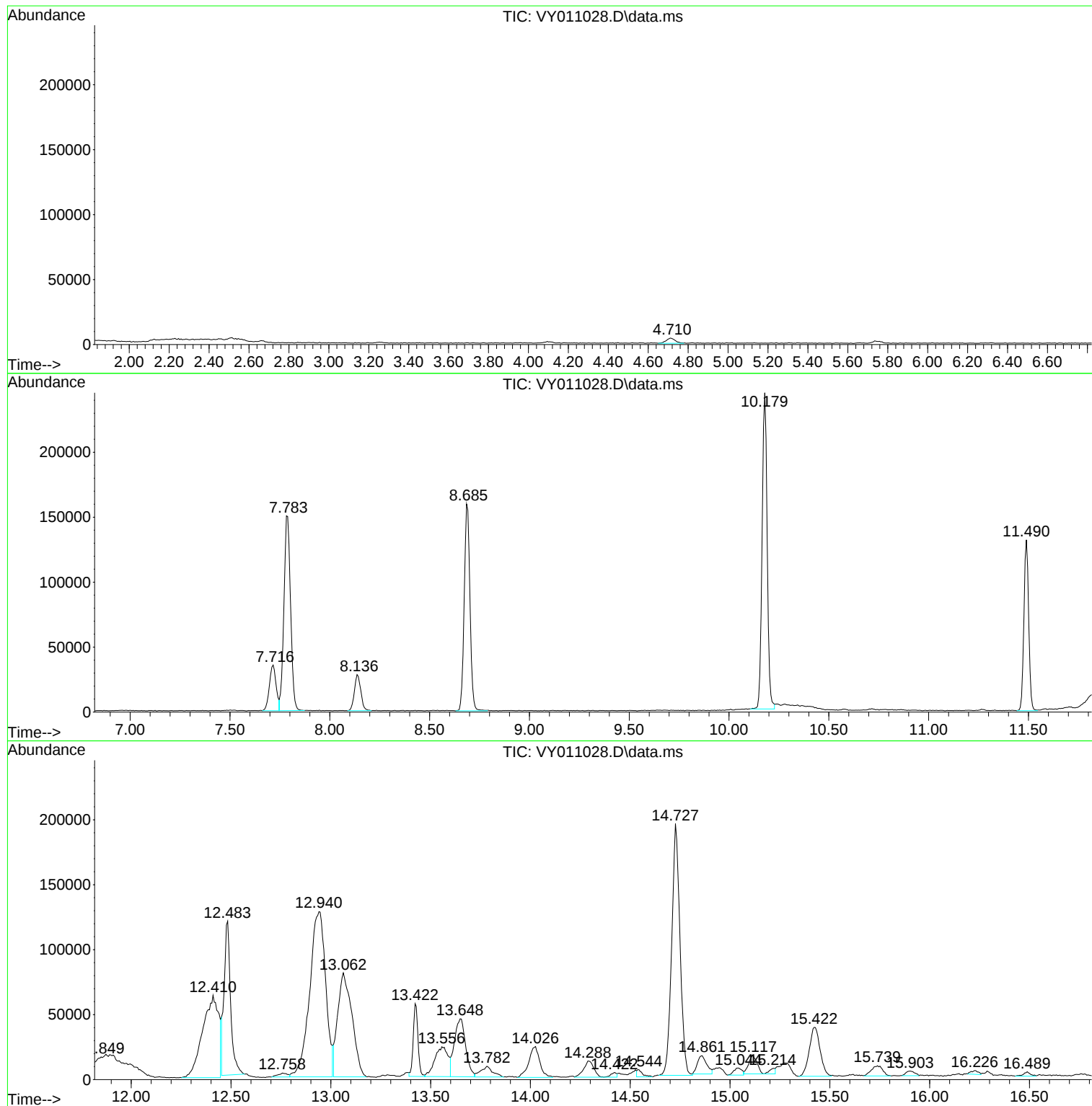
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Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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



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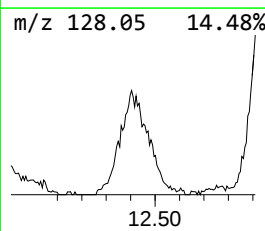
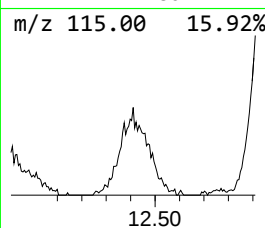
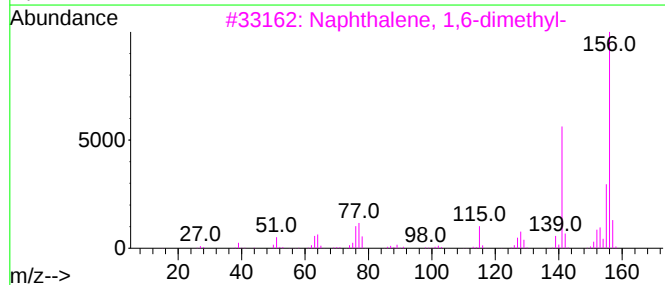
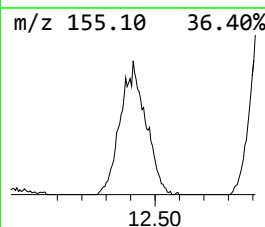
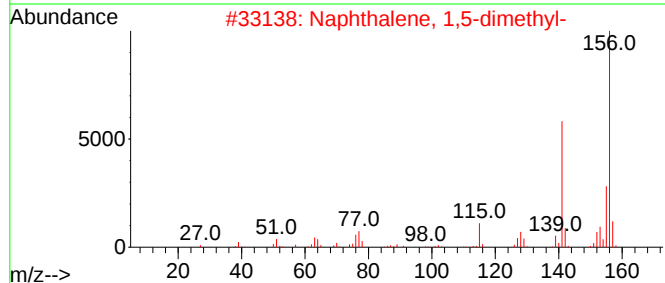
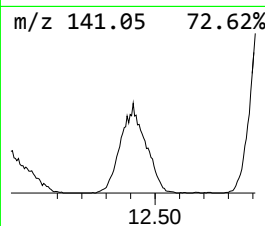
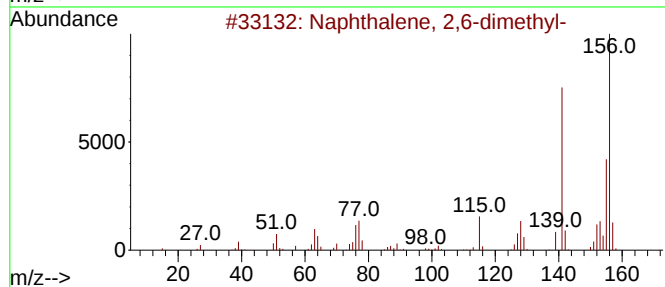
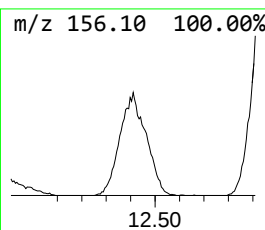
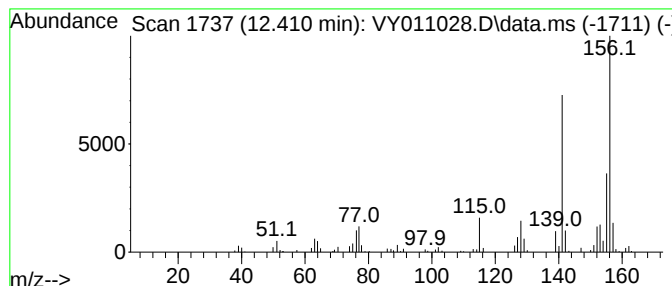
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	81.69 ug/l	354379	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	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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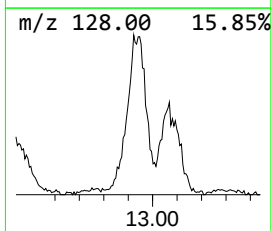
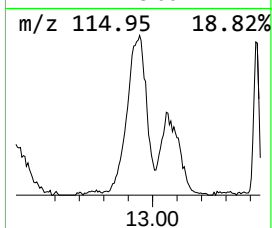
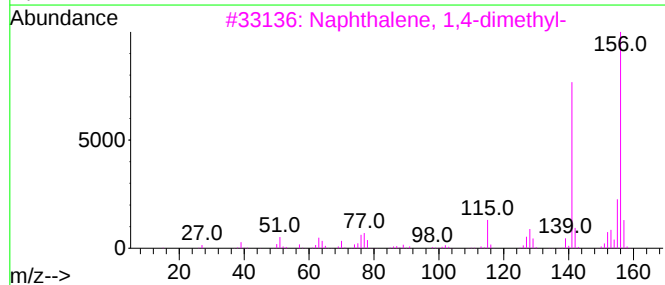
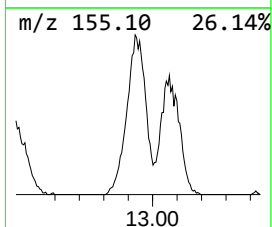
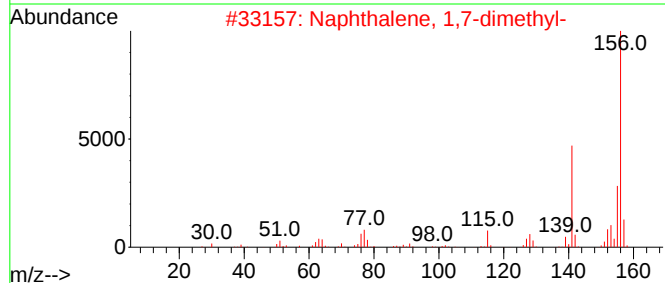
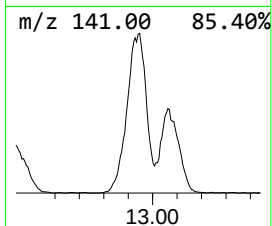
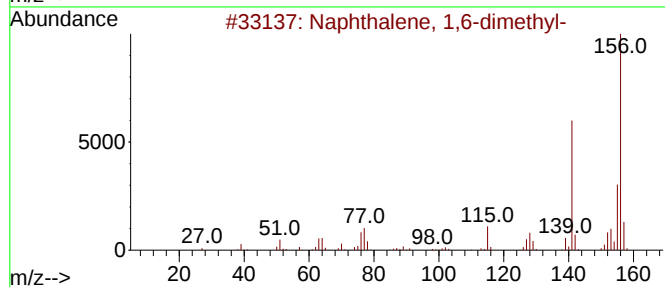
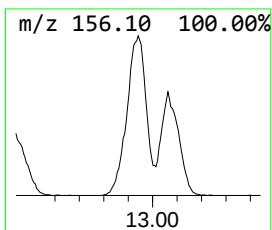
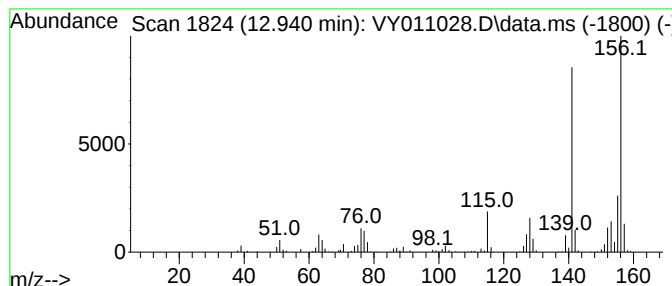
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.941	386.10 ug/l	712451	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	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

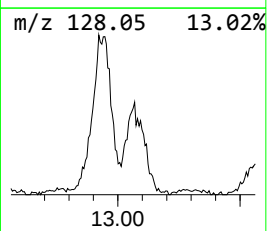
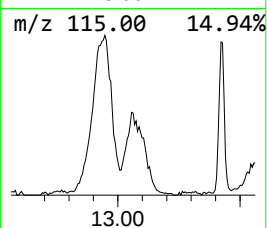
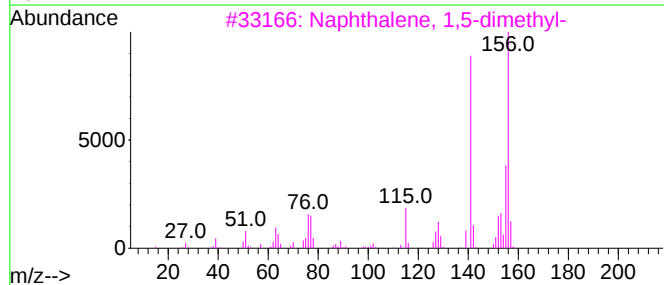
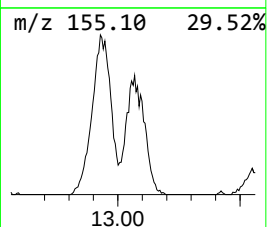
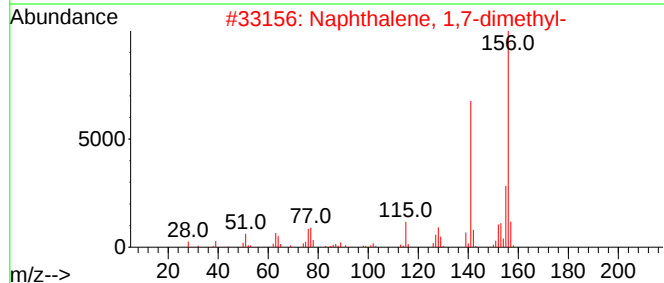
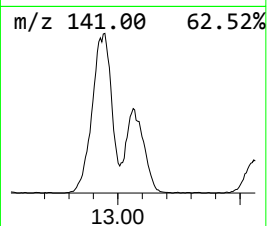
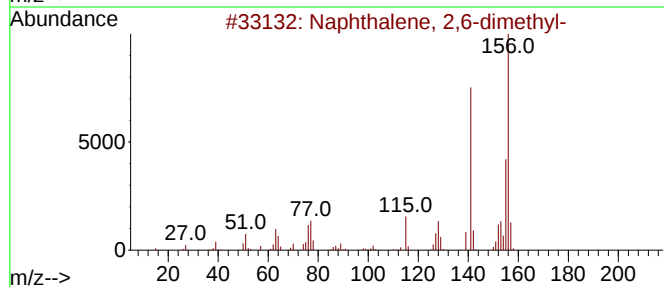
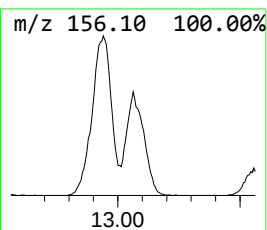
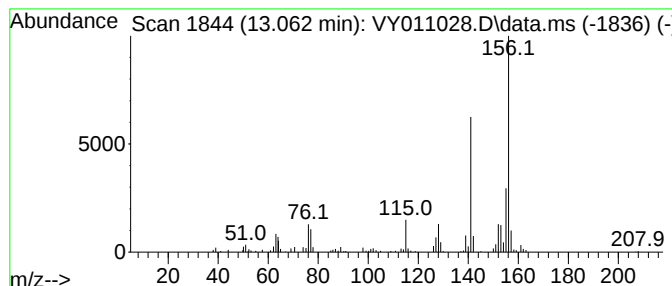
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.062	212.30 ug/l	391738	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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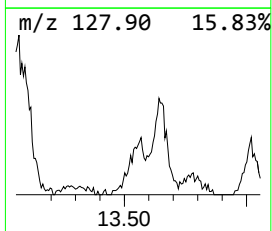
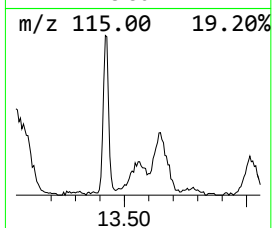
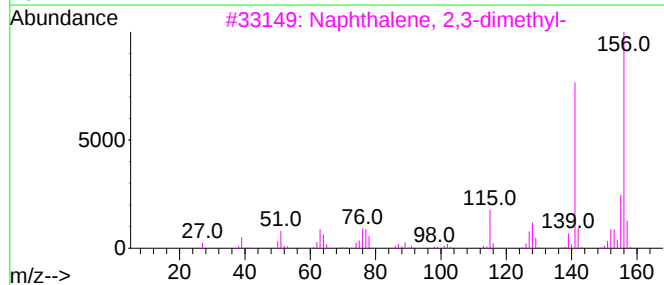
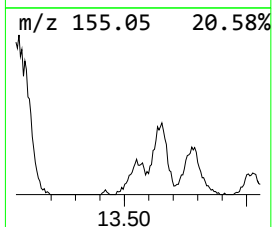
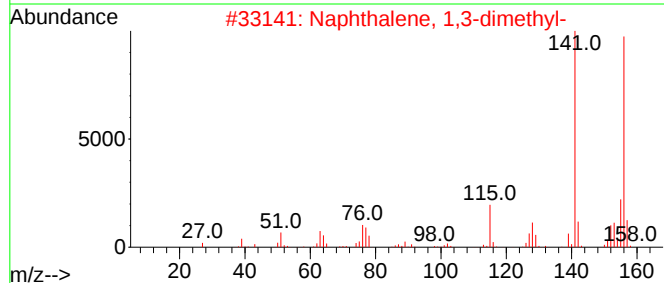
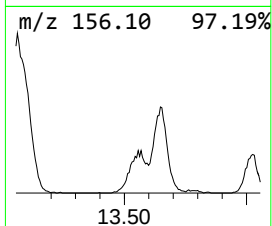
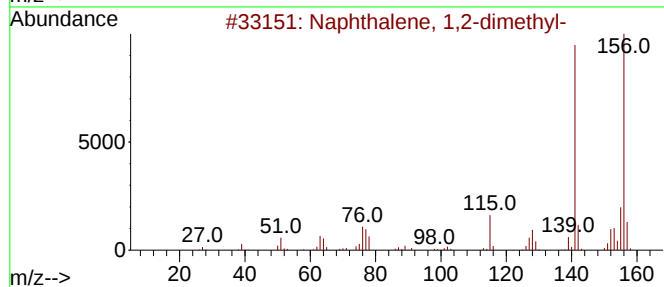
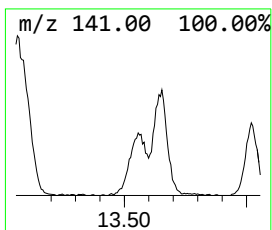
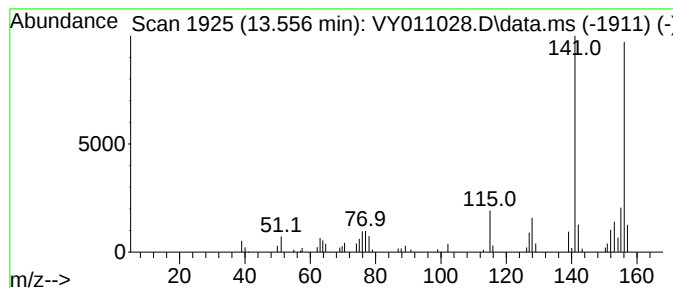
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.556	58.51 ug/l	107973	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	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



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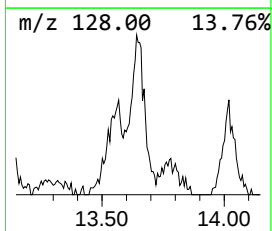
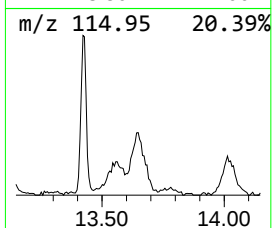
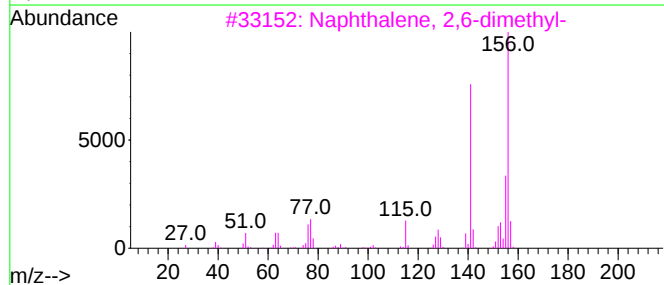
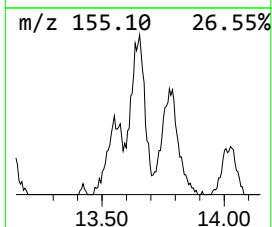
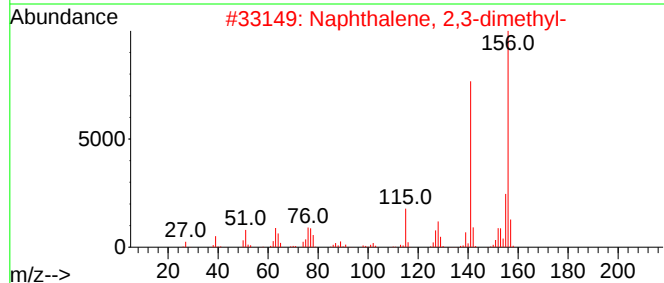
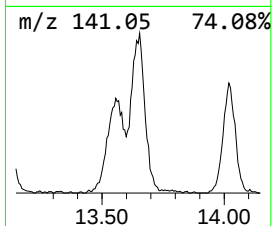
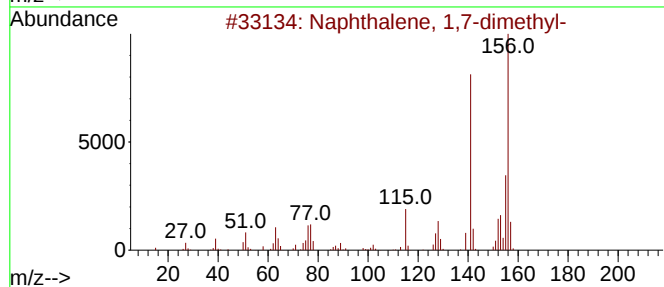
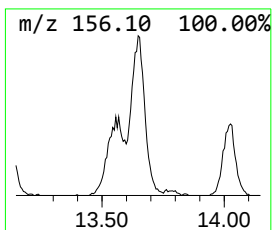
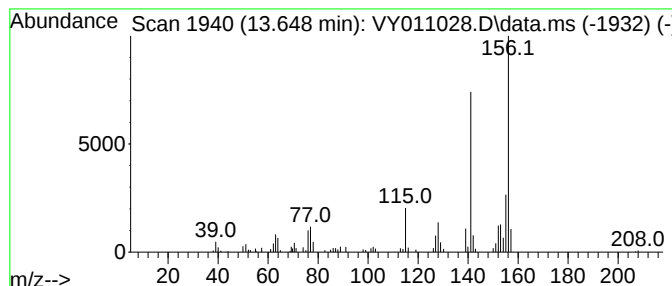
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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.
13.648	93.68 ug/l	172855	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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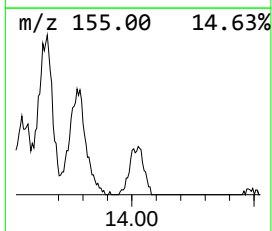
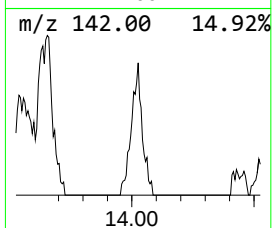
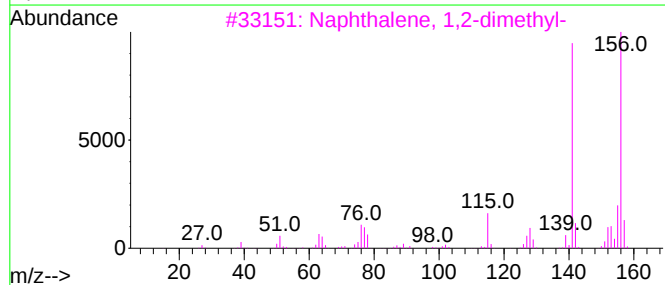
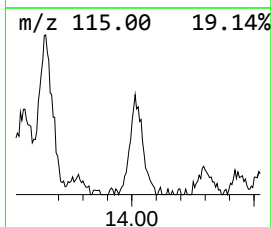
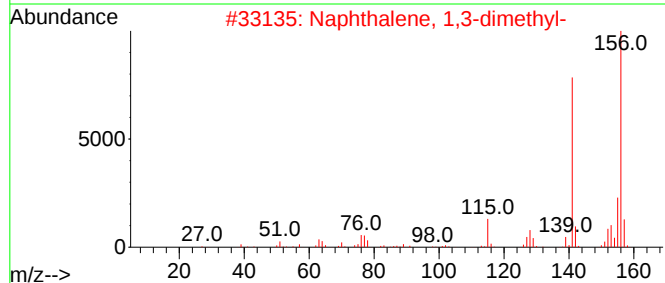
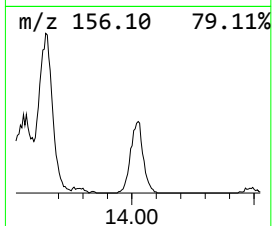
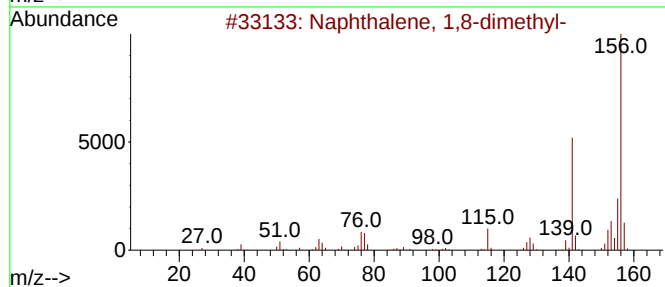
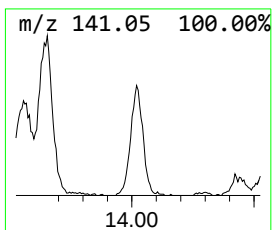
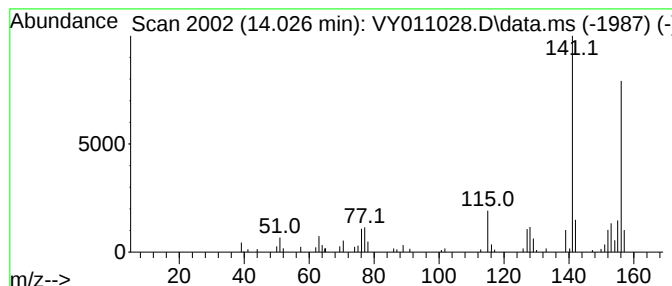
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.026	49.31 ug/l	90988	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011028.D
Acq On : 20 Oct 2022 16:21
Operator : KP/MD
Sample : N5193-06
Misc : 6.16g/5.0mL/MSVOA_Y/soil
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

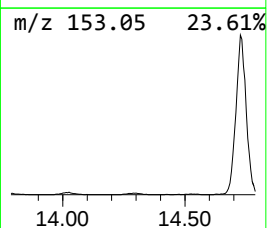
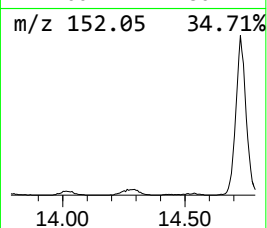
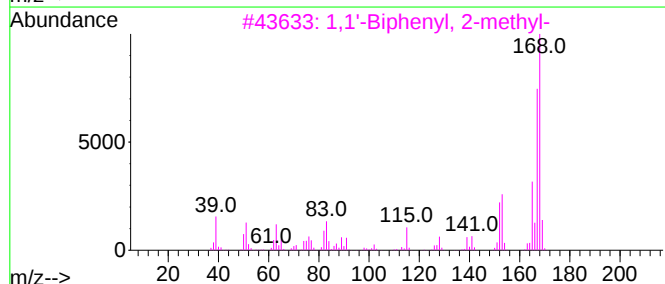
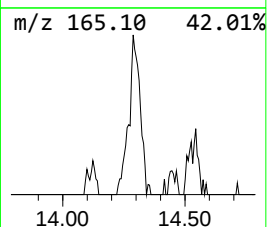
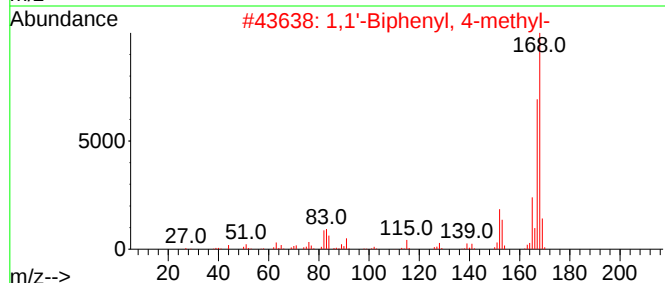
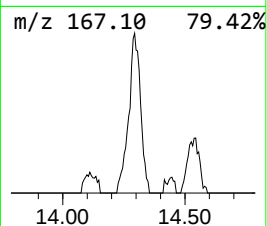
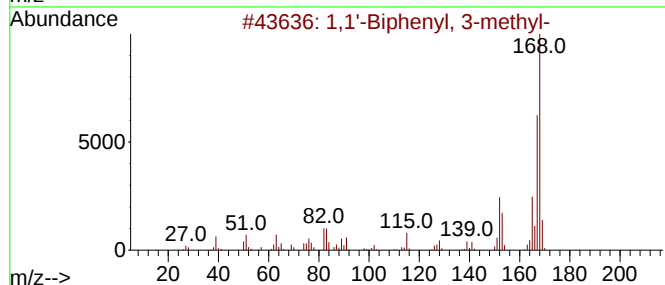
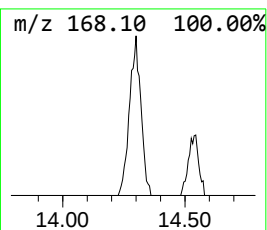
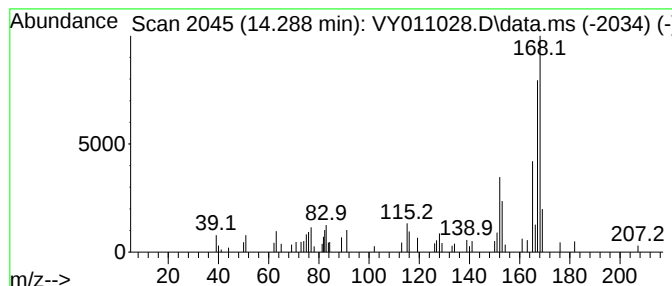
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,1'-Biphenyl, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.288	23.80 ug/l	43924	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	92
4			Diphenylmethane	168	C13H12	000101-81-5	76
5			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011028.D
Acq On : 20 Oct 2022 16:21
Operator : KP/MD
Sample : N5193-06
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

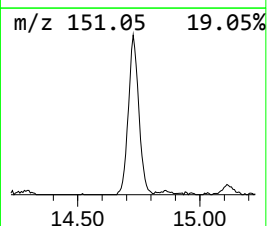
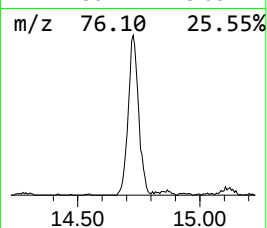
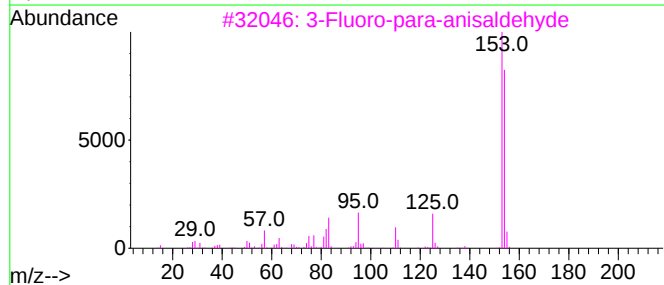
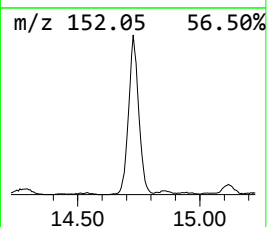
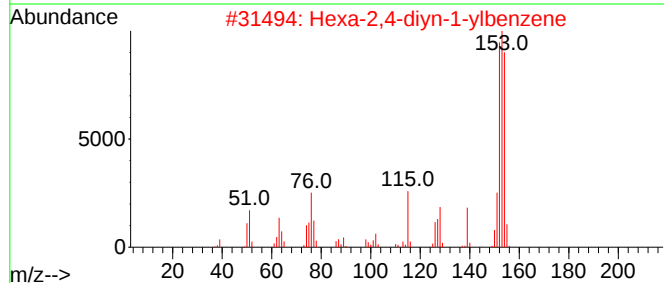
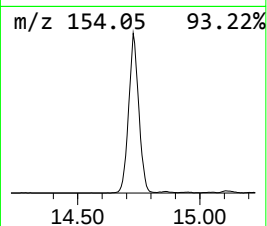
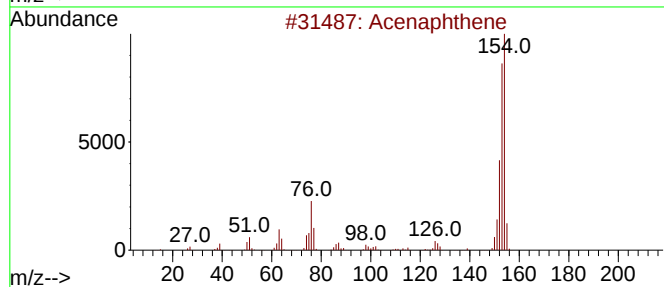
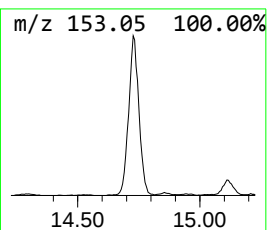
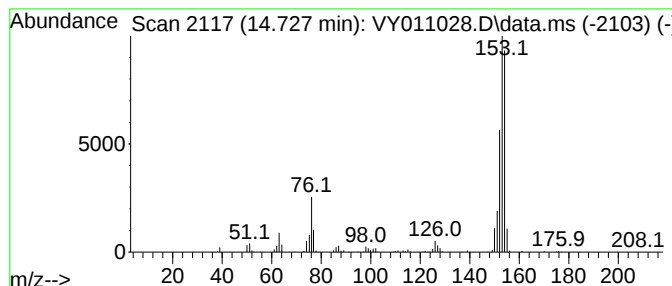
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Quant Title : SW846 8260

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

Peak Number 8 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	302.85 ug/l	558823	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	58
3			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
4			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011028.D
Acq On : 20 Oct 2022 16:21
Operator : KP/MD
Sample : N5193-06
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

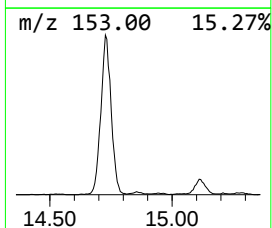
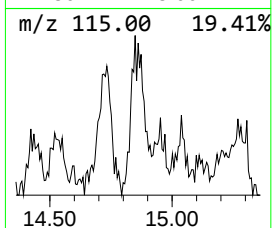
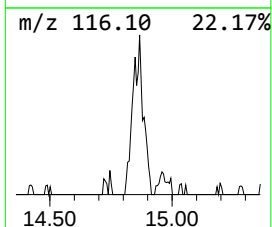
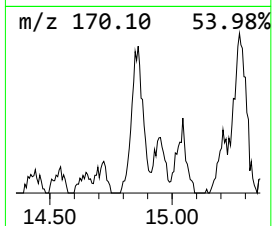
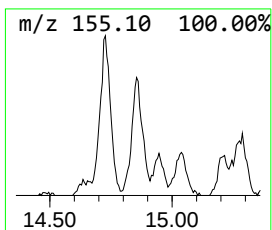
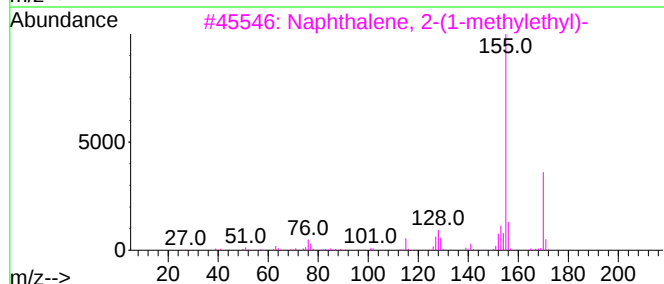
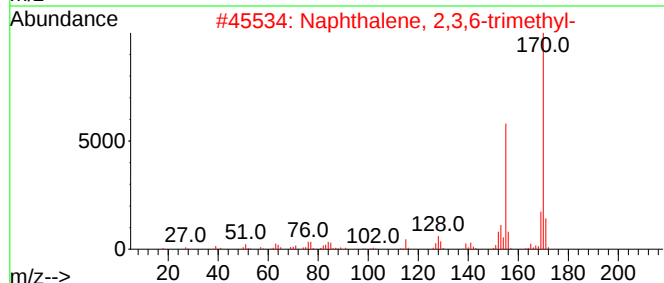
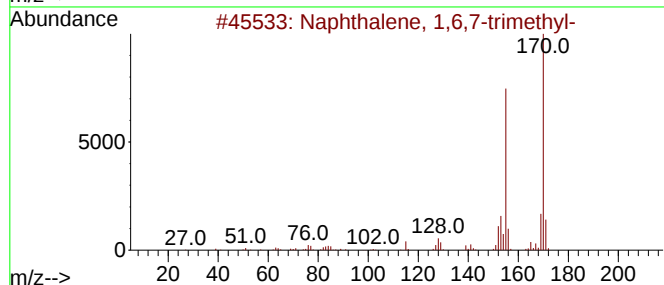
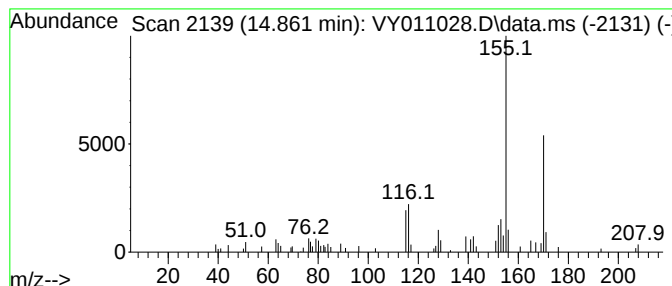
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	24.71 ug/l	45597	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	81
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	68
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
5			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011028.D
Acq On : 20 Oct 2022 16:21
Operator : KP/MD
Sample : N5193-06
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

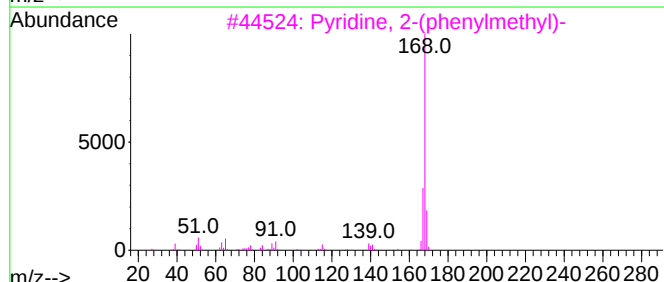
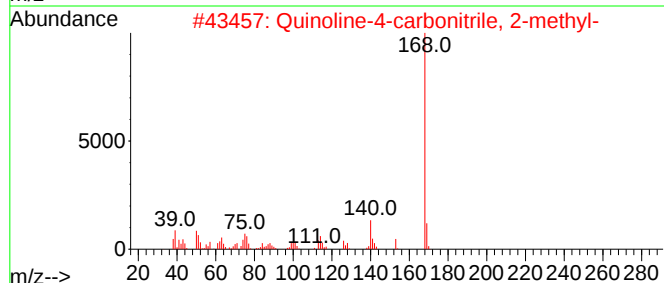
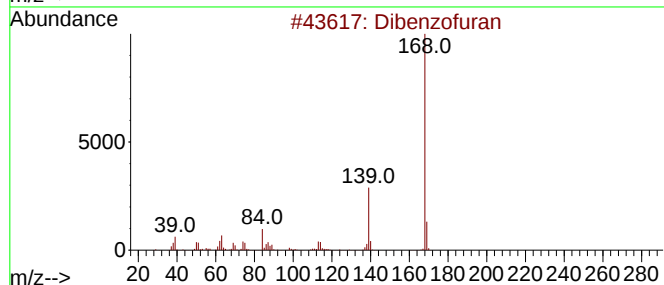
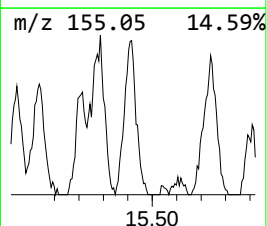
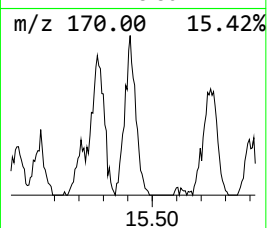
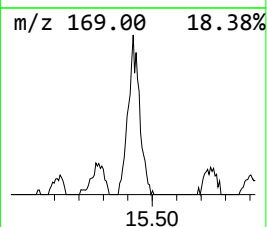
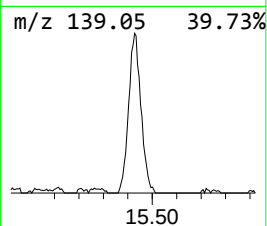
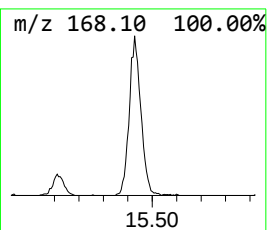
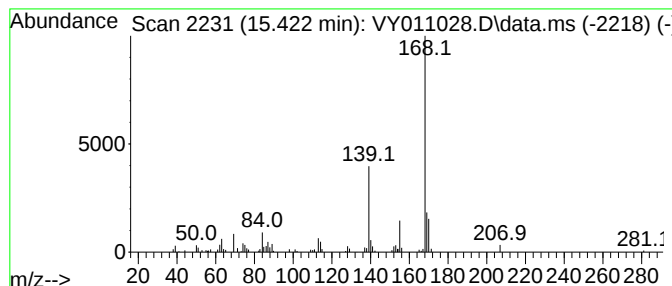
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 10 Dibenzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	76.95 ug/l	141999	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	87
2			Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	43
3			Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	43
4			Tioxolone	168	C7H4O3S	004991-65-5	40
5			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011028.D
Acq On : 20 Oct 2022 16:21
Operator : KP/MD
Sample : N5193-06
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.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,...	12.410	81.7	ug/l	354379	3	11.490	216902	50.0
Naphthalene, 1,...	12.941	386.1	ug/l	712451	4	13.422	92262	50.0
Naphthalene, 1,...	13.062	212.3	ug/l	391738	4	13.422	92262	50.0
Naphthalene, 1,...	13.556	58.5	ug/l	107973	4	13.422	92262	50.0
Naphthalene, 2,...	13.648	93.7	ug/l	172855	4	13.422	92262	50.0
Naphthalene, 1,...	14.026	49.3	ug/l	90988	4	13.422	92262	50.0
1,1'-Biphenyl, ...	14.288	23.8	ug/l	43924	4	13.422	92262	50.0
Acenaphthene	14.727	302.9	ug/l	558823	4	13.422	92262	50.0
Naphthalene, 1,...	14.861	24.7	ug/l	45597	4	13.422	92262	50.0
Dibenzofuran	15.422	77.0	ug/l	141999	4	13.422	92262	50.0