

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015806.D
 Acq On : 03 Oct 2023 15:20
 Operator : SY/MD
 Sample : 04685-06
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B6A-0-2

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Signal : TIC: VY015806.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	462	474	485	rBV	34681	105823	14.48%	1.878%
2	5.741	634	643	655	rVB2	5964	16946	2.32%	0.301%
3	7.716	957	967	972	rBV2	99786	236445	32.35%	4.197%
4	7.783	972	978	992	rVB	164806	373304	51.08%	6.626%
5	8.136	1027	1036	1050	rBV	107527	229648	31.42%	4.076%
6	8.685	1118	1126	1140	rBV	260264	514324	70.37%	9.130%
7	10.179	1363	1371	1379	rBV	408887	730867	100.00%	12.974%
8	11.490	1579	1586	1597	rVB	378896	627726	85.89%	11.143%
9	12.477	1743	1748	1756	rVB	319259	527291	72.15%	9.360%
10	12.648	1765	1776	1789	rVB	92019	356981	48.84%	6.337%
11	12.947	1817	1825	1836	rVB3	52944	209271	28.63%	3.715%
12	13.422	1897	1903	1914	rVB	370268	596447	81.61%	10.587%
13	13.660	1933	1942	1951	rVB3	30095	105906	14.49%	1.880%
14	13.751	1954	1957	1959	rBV4	8389	11590	1.59%	0.206%
15	13.959	1986	1991	1996	rBV2	27279	53425	7.31%	0.948%
16	14.282	2036	2044	2045	rBV8	12227	31118	4.26%	0.552%
17	14.538	2080	2086	2095	rVB8	24245	76408	10.45%	1.356%
18	14.855	2130	2138	2149	rBV2	43047	152136	20.82%	2.701%
19	15.038	2160	2168	2177	rBV2	109527	273182	37.38%	4.849%
20	15.275	2204	2207	2217	rVB4	37705	94391	12.91%	1.676%
21	15.410	2221	2229	2238	rVB3	34589	119677	16.37%	2.124%
22	15.727	2275	2281	2294	rVB6	31358	113193	15.49%	2.009%
23	15.897	2303	2309	2319	rVB5	25705	77422	10.59%	1.374%

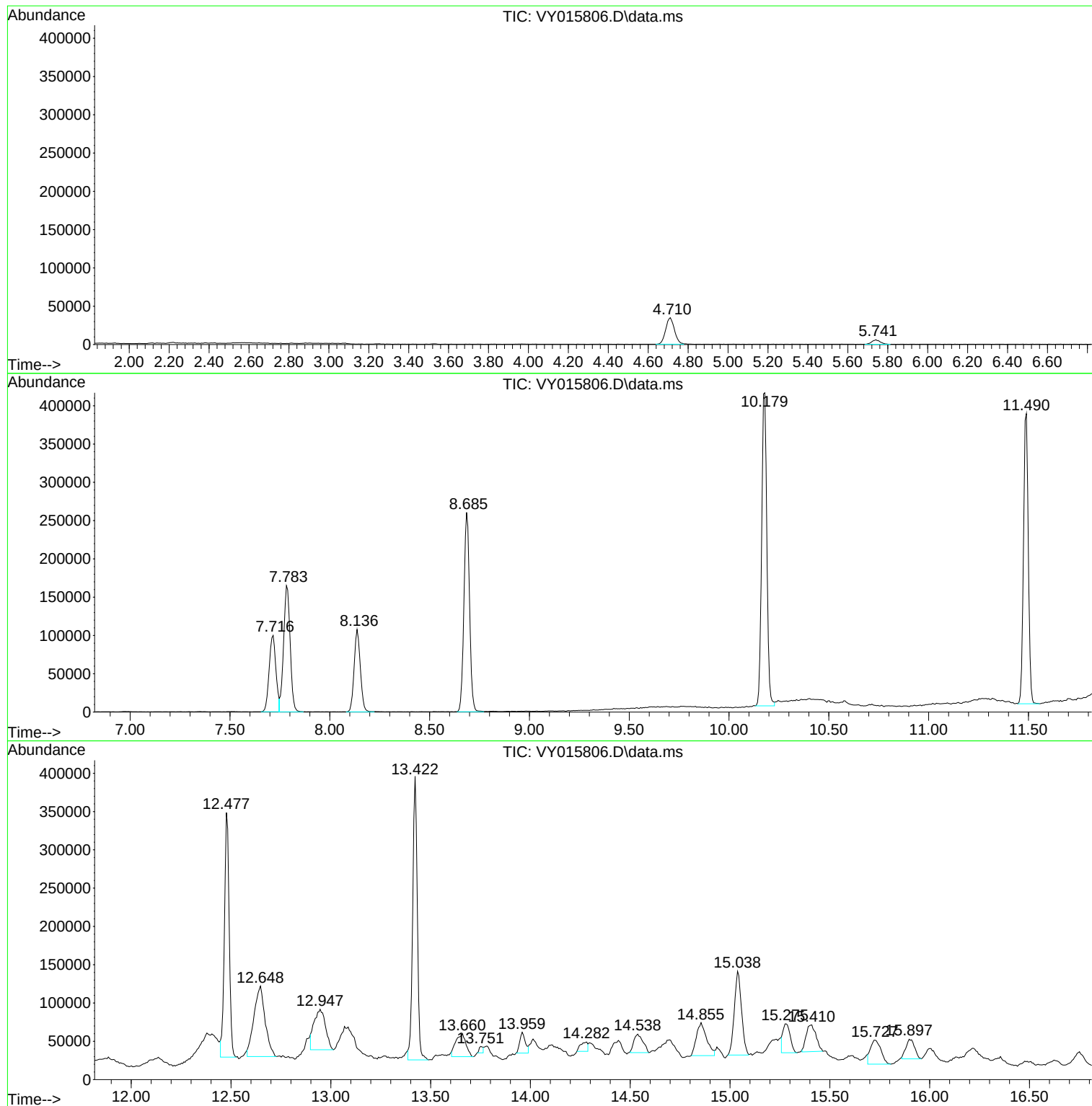
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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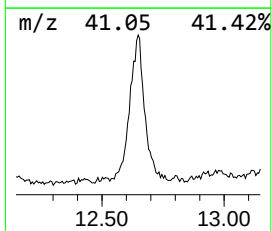
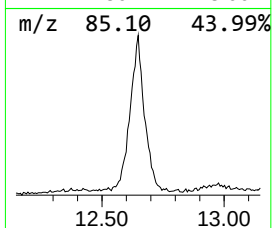
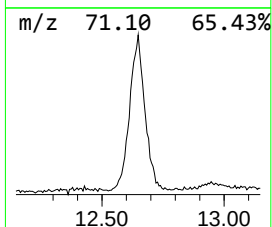
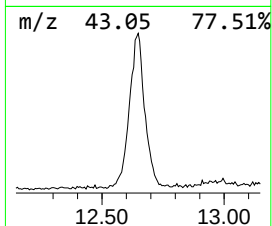
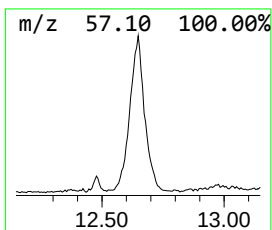
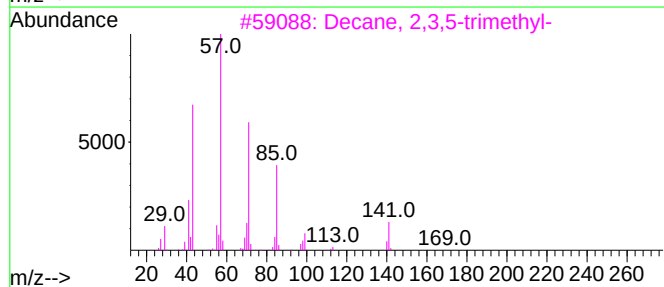
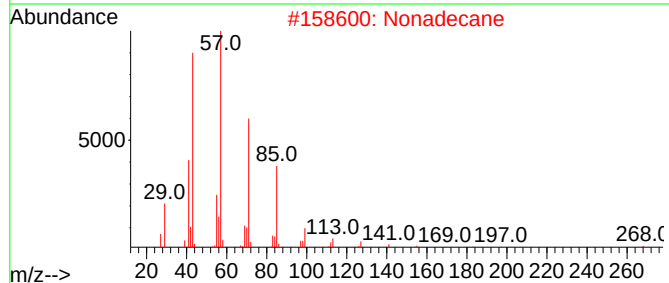
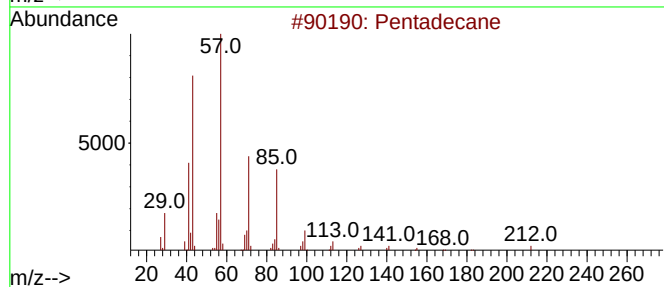
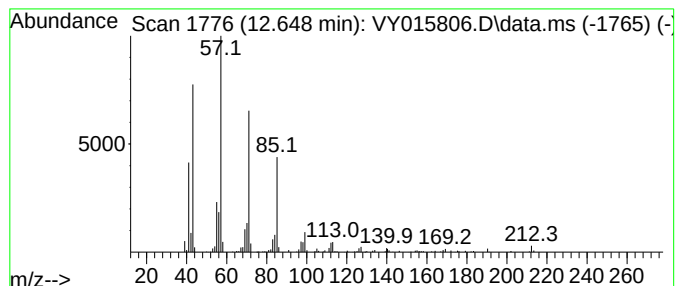
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	29.93 ug/l	356981	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Nonadecane	268	C19H40	000629-92-5	87
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



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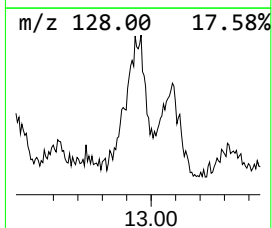
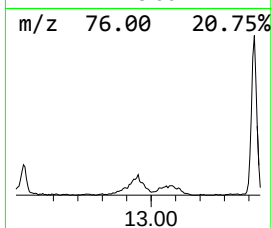
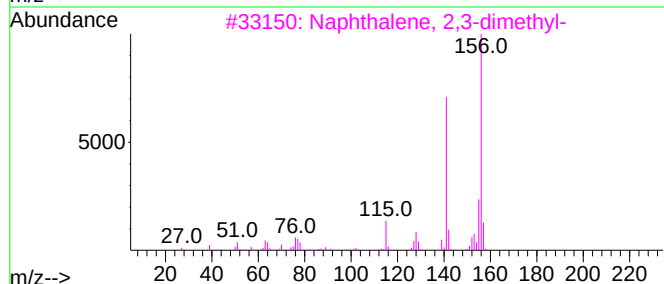
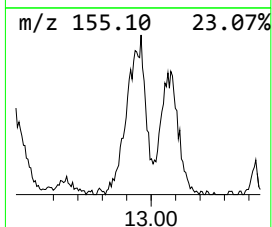
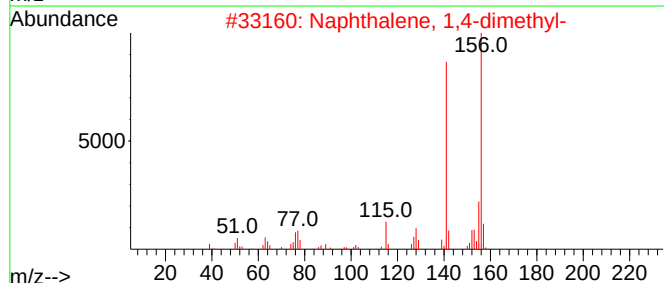
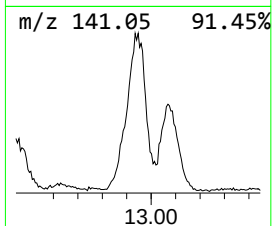
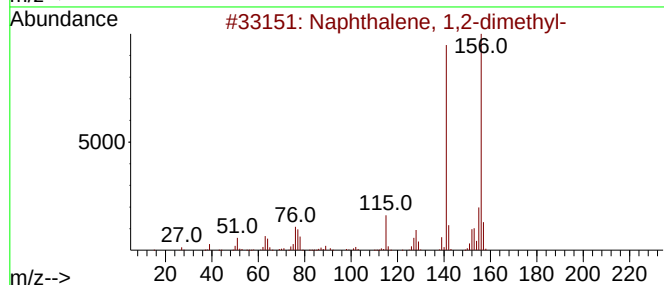
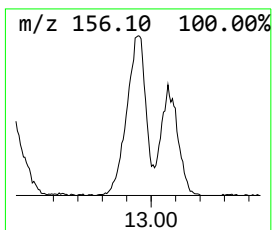
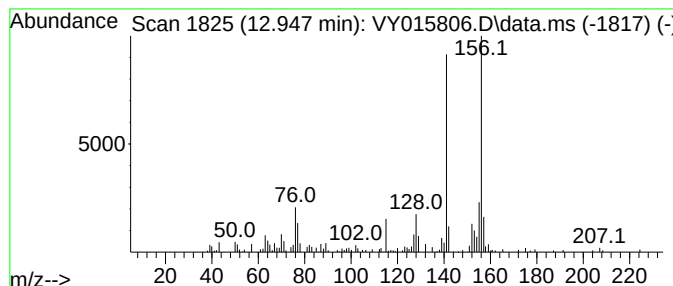
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.947	17.54 ug/l	209271	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

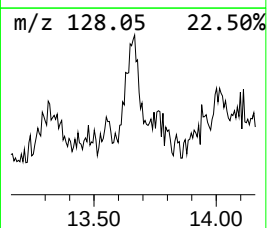
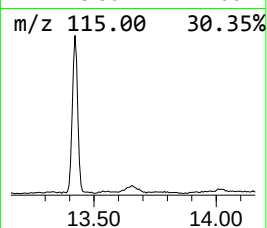
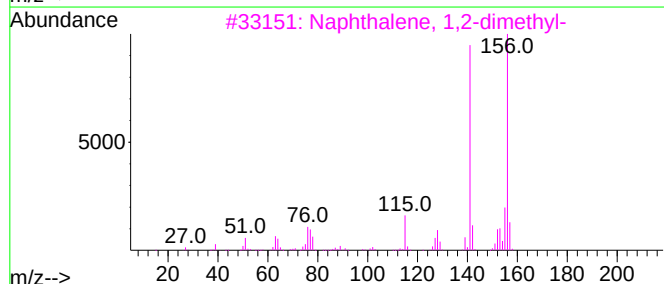
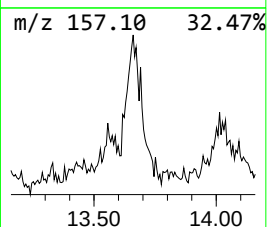
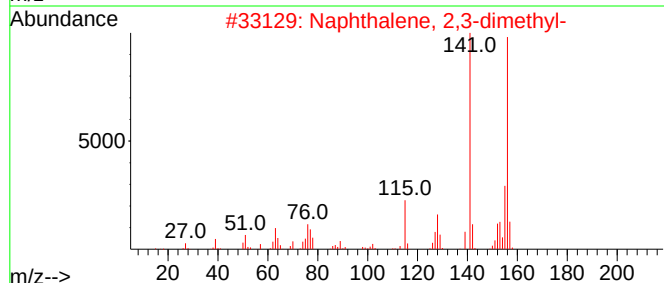
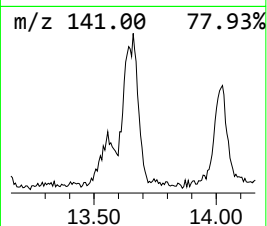
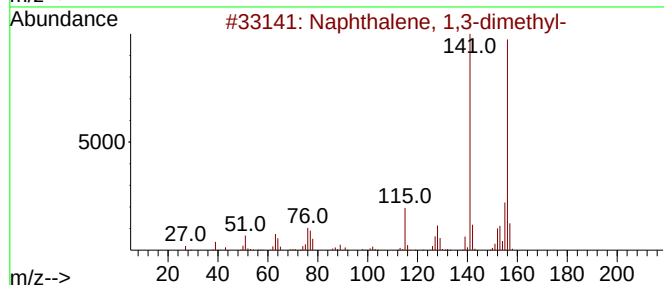
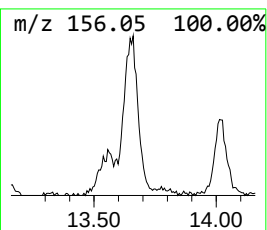
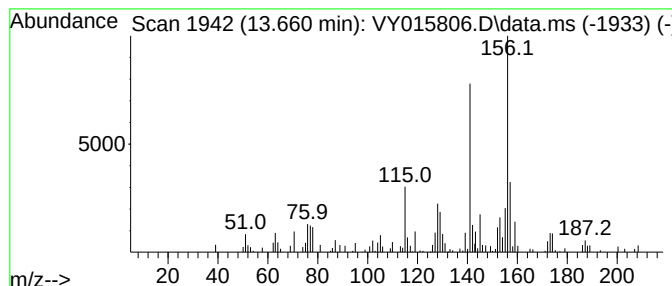
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	8.88 ug/l	105906	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70



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Misc : 5.47g/5.0mL/MSVOA_Y/soil
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

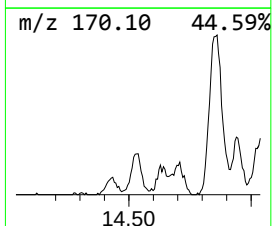
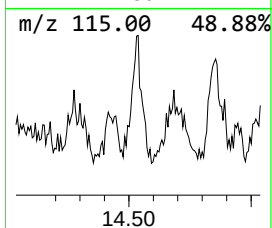
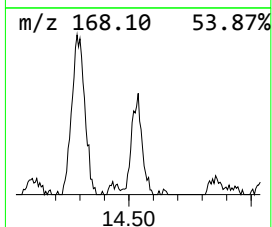
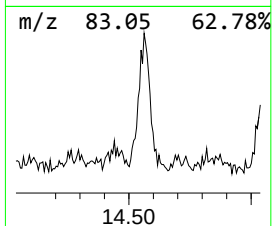
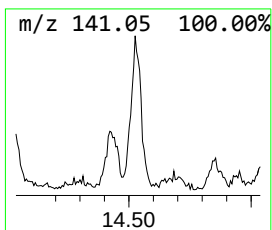
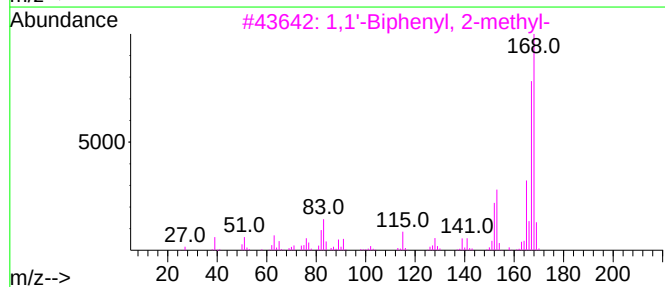
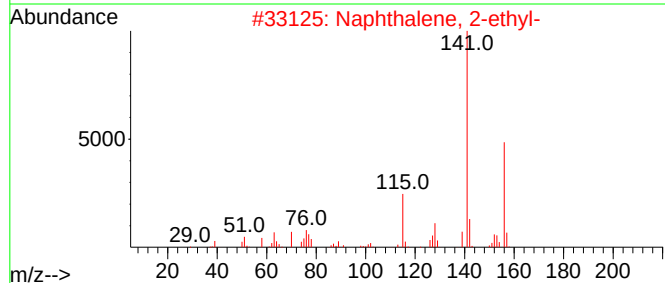
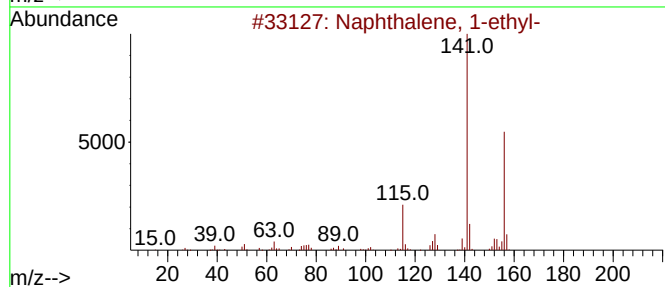
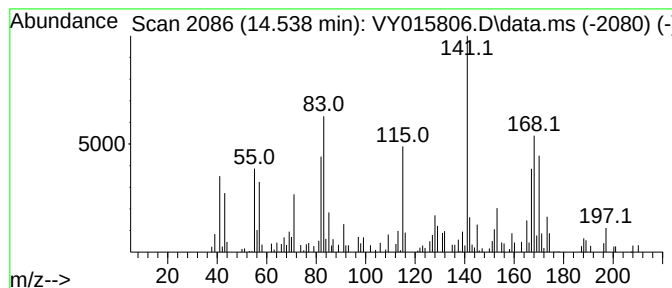
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Quant Title : SW846 8260

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

Peak Number 4 unknown14.538 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.538	6.41 ug/l	76408	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	38
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	35
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	25
4			1-Naphthalenepropionic acid	200	C13H12O2	003243-42-3	20
5			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	18



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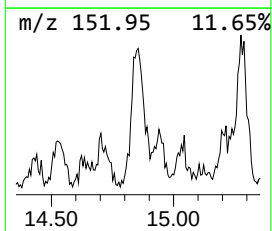
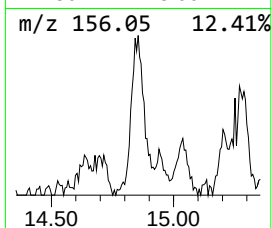
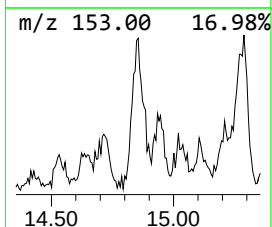
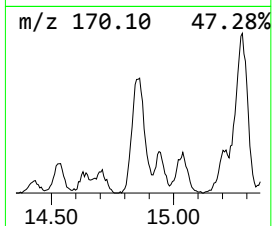
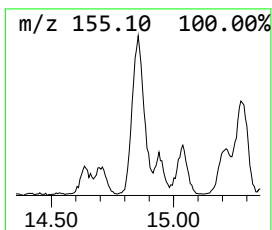
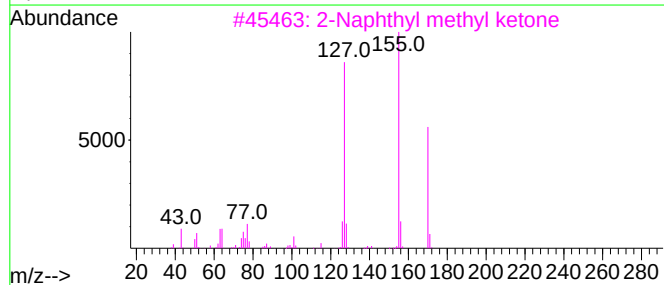
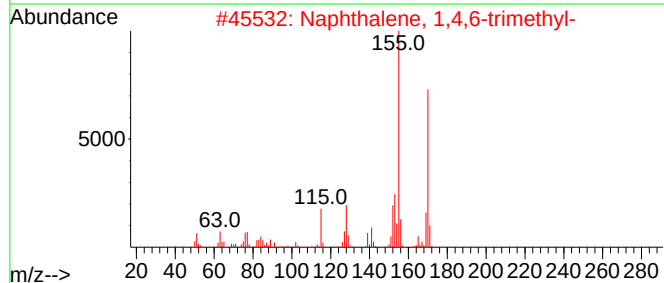
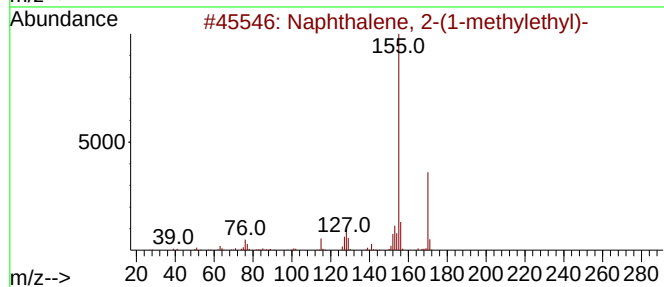
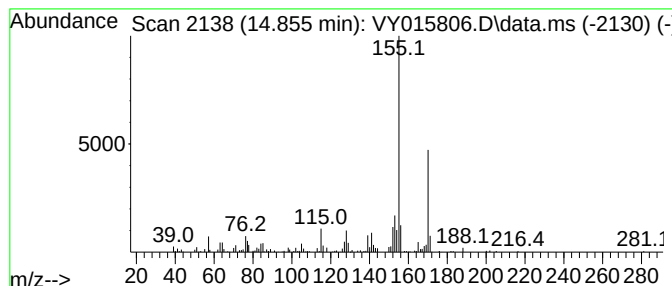
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2-(1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	12.75 ug/l	152136	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	59



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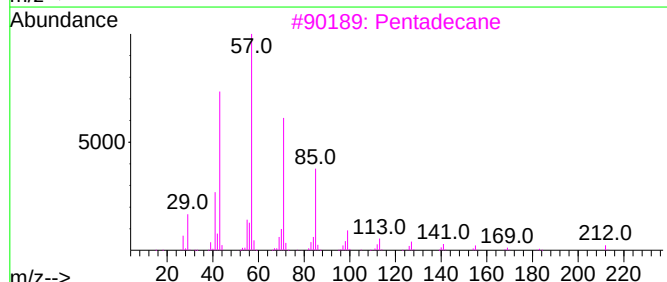
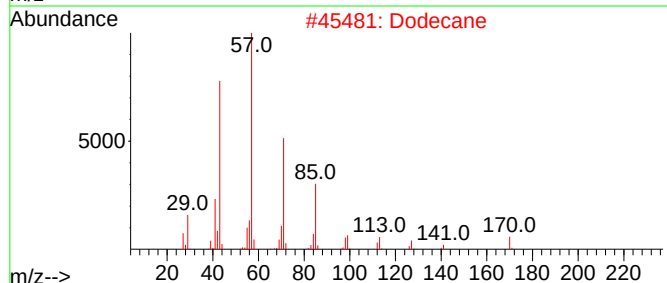
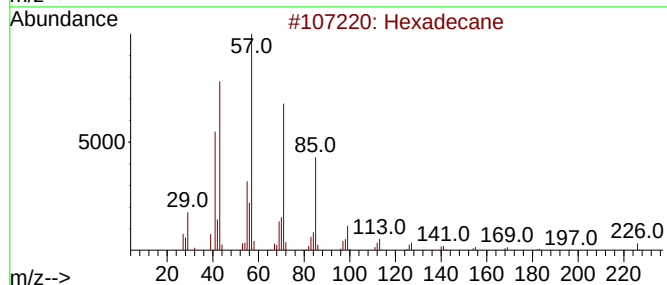
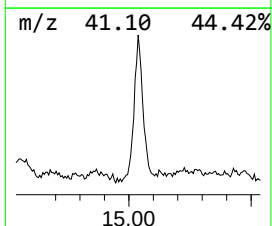
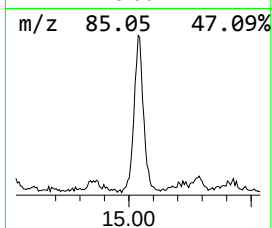
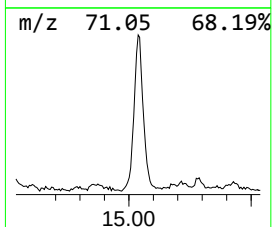
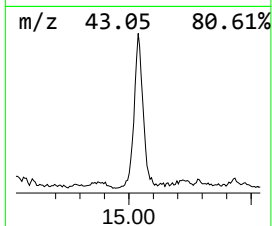
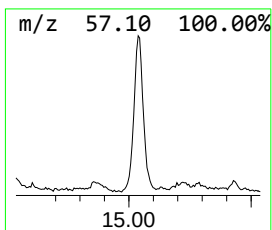
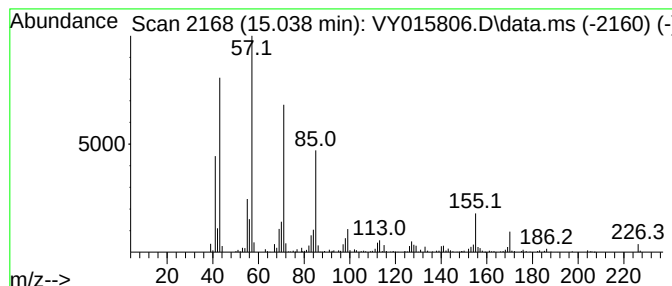
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Quant Title : SW846 8260

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

Peak Number 6 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.038	22.90 ug/l	273182	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	98
2			Dodecane	170	C12H26	000112-40-3	93
3			Pentadecane	212	C15H32	000629-62-9	74
4			Nonadecane	268	C19H40	000629-92-5	74
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015806.D
Acq On : 03 Oct 2023 15:20
Operator : SY/MD
Sample : 04685-06
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

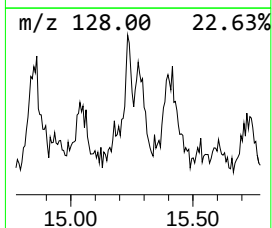
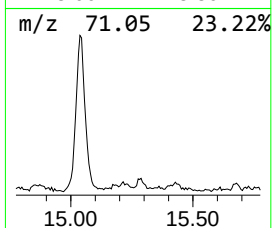
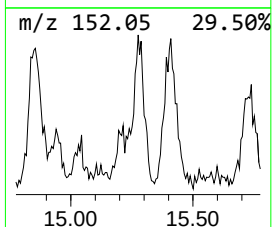
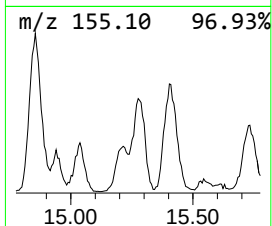
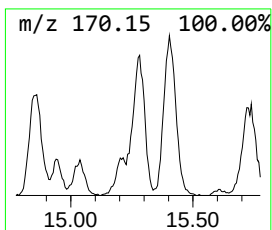
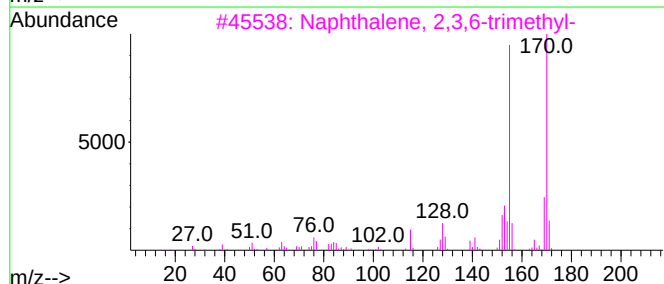
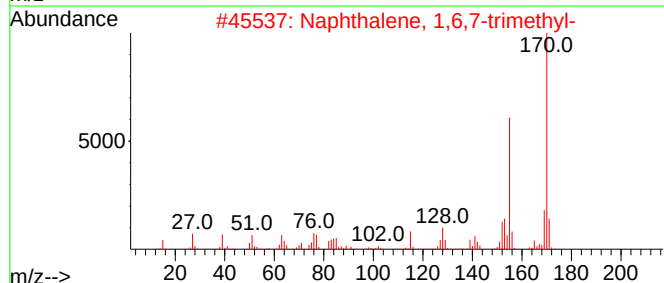
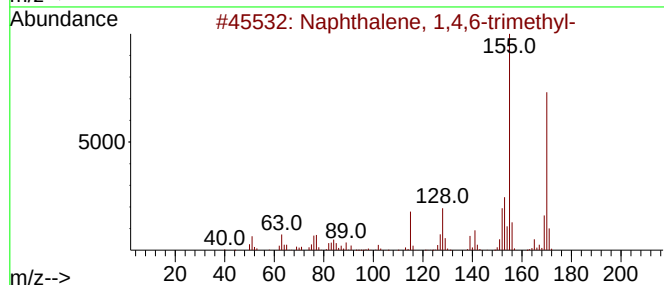
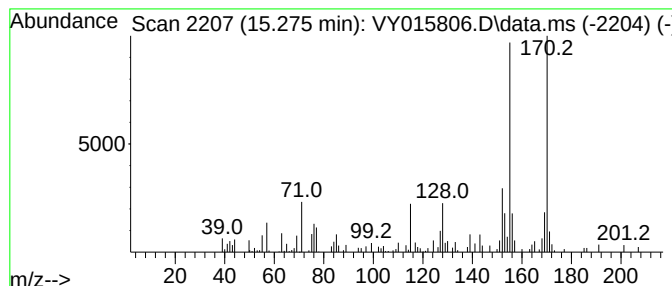
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.275	7.91 ug/l	94391	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80
5			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015806.D
Acq On : 03 Oct 2023 15:20
Operator : SY/MD
Sample : 04685-06
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

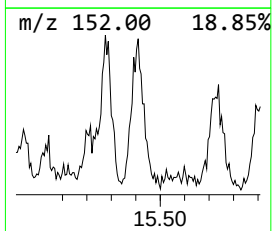
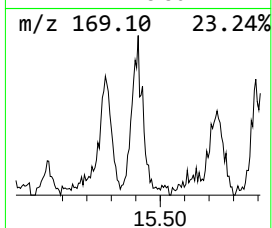
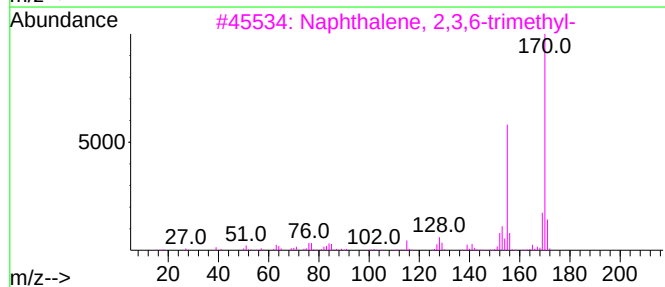
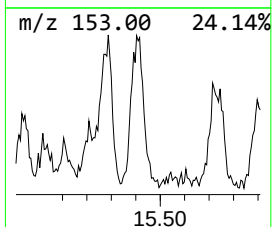
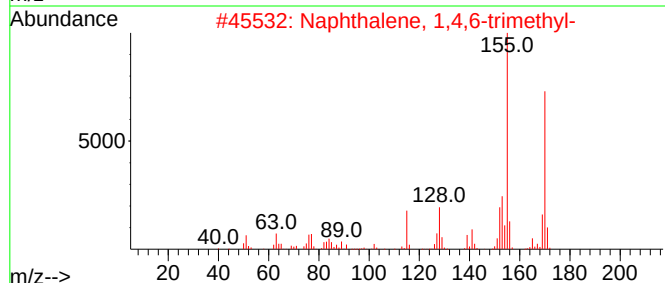
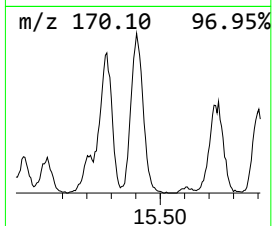
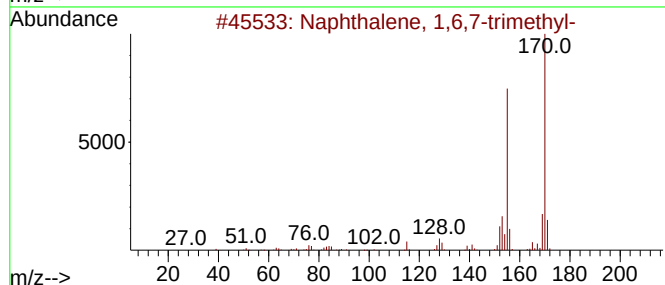
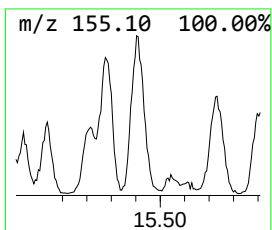
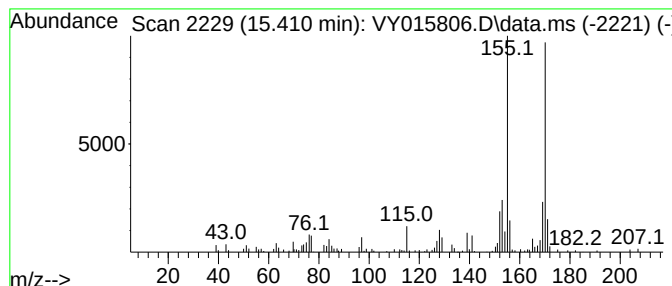
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	10.03 ug/l	119677	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	97
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015806.D
Acq On : 03 Oct 2023 15:20
Operator : SY/MD
Sample : 04685-06
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

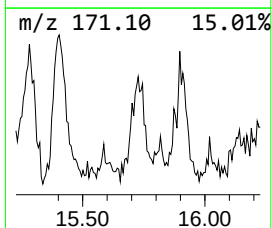
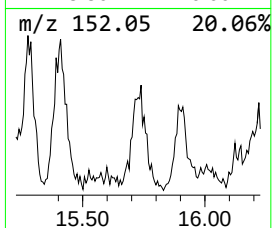
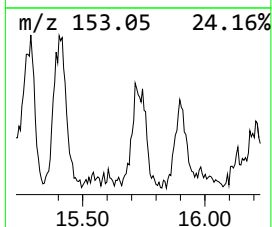
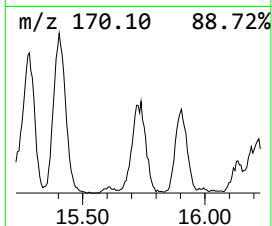
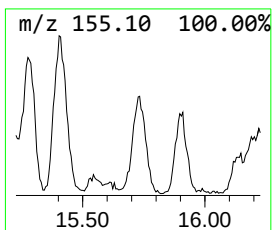
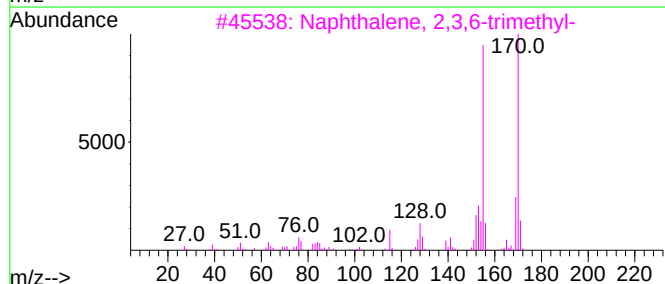
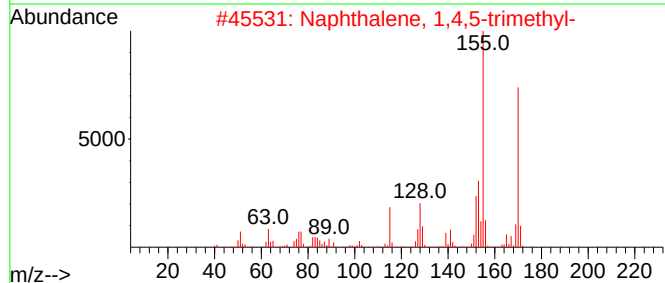
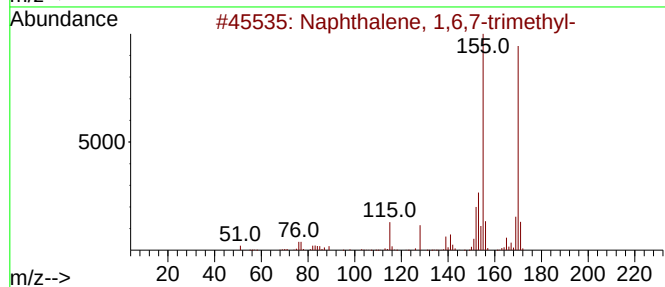
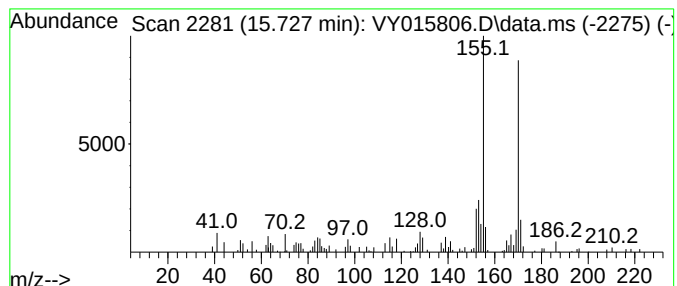
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	9.49 ug/l	113193	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	94
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	87
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015806.D
Acq On : 03 Oct 2023 15:20
Operator : SY/MD
Sample : 04685-06
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

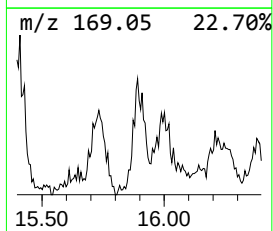
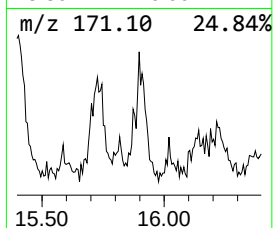
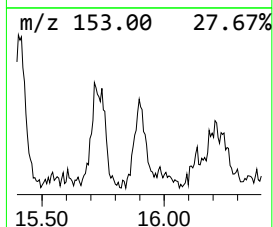
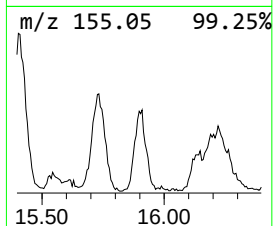
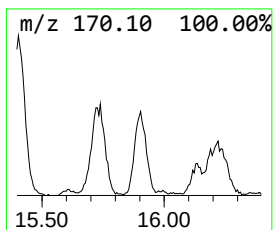
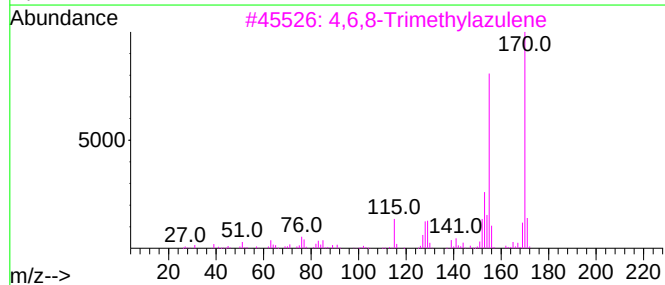
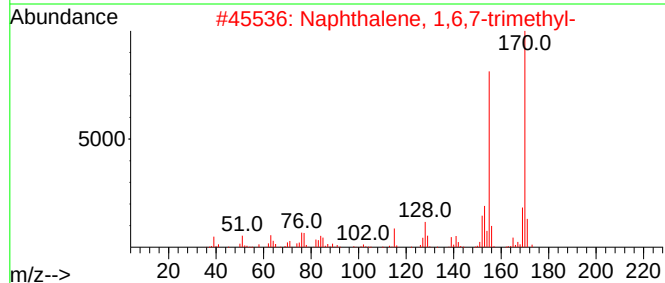
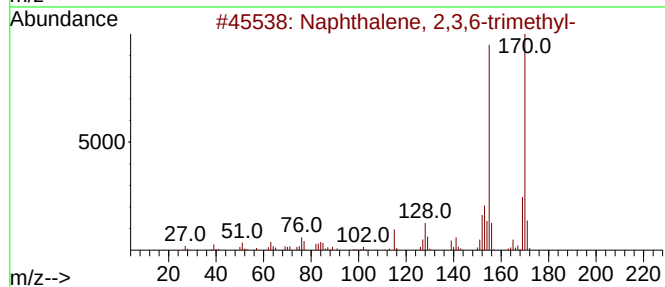
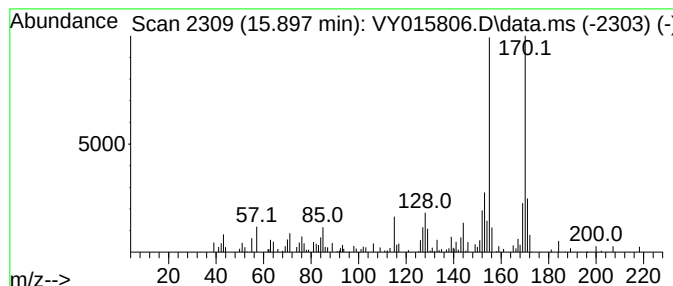
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.897	6.49 ug/l	77422	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	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015806.D
Acq On : 03 Oct 2023 15:20
Operator : SY/MD
Sample : 04685-06
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecane	12.648	29.9	ug/l	356981	4	13.422	596447	50.0
Naphthalene, 1,...	12.947	17.5	ug/l	209271	4	13.422	596447	50.0
Naphthalene, 1,...	13.660	8.9	ug/l	105906	4	13.422	596447	50.0
unknown14.538	14.538	6.4	ug/l	76408	4	13.422	596447	50.0
Naphthalene, 2-...	14.855	12.8	ug/l	152136	4	13.422	596447	50.0
Hexadecane	15.038	22.9	ug/l	273182	4	13.422	596447	50.0
Naphthalene, 1,...	15.275	7.9	ug/l	94391	4	13.422	596447	50.0
Naphthalene, 1,...	15.410	10.0	ug/l	119677	4	13.422	596447	50.0
Naphthalene, 1,...	15.727	9.5	ug/l	113193	4	13.422	596447	50.0
Naphthalene, 2,...	15.897	6.5	ug/l	77422	4	13.422	596447	50.0