

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015793.D
 Acq On : 02 Oct 2023 21:46
 Operator : SY/MD
 Sample : 04685-06
 Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 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: VY015793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	465	476	493	rVB2	29419	90941	12.42%	1.403%
2	5.759	637	646	654	rBV5	3417	10714	1.46%	0.165%
3	7.722	959	968	974	rBV	101664	241108	32.92%	3.720%
4	7.795	974	980	996	rVB	159034	363740	49.66%	5.611%
5	8.149	1028	1038	1050	rBV	101435	224388	30.64%	3.462%
6	8.697	1119	1128	1140	rBV	253647	512407	69.96%	7.905%
7	10.185	1364	1372	1380	rBV	422828	732396	100.00%	11.299%
8	10.581	1434	1437	1444	rVB3	5282	10245	1.40%	0.158%
9	11.496	1580	1587	1594	rVB	385916	633636	86.52%	9.775%
10	12.410	1724	1737	1740	rBV3	34455	139576	19.06%	2.153%
11	12.483	1744	1749	1761	rVB	339998	575052	78.52%	8.871%
12	12.648	1767	1776	1792	rVB	68393	272098	37.15%	4.198%
13	12.959	1816	1827	1839	rVB3	70964	301492	41.17%	4.651%
14	13.087	1839	1848	1850	rBV5	34991	101285	13.83%	1.563%
15	13.428	1898	1904	1913	rVB	381220	589629	80.51%	9.096%
16	13.654	1934	1941	1952	rVB4	36913	133403	18.21%	2.058%
17	13.757	1954	1958	1960	rBV5	9378	16506	2.25%	0.255%
18	13.965	1988	1992	1995	rBV2	16993	29712	4.06%	0.458%
19	14.300	2035	2047	2058	rBV6	30415	131916	18.01%	2.035%
20	14.544	2080	2087	2097	rBV4	29603	100657	13.74%	1.553%
21	14.861	2130	2139	2149	rBV2	54572	203381	27.77%	3.138%
22	15.044	2161	2169	2181	rBV2	97386	248152	33.88%	3.828%
23	15.214	2191	2197	2198	rBV	19207	32114	4.38%	0.495%
24	15.281	2203	2208	2217	rVV2	51761	158534	21.65%	2.446%
25	15.416	2221	2230	2250	rVB3	58321	245630	33.54%	3.789%
26	15.733	2275	2282	2294	rVB3	45003	158063	21.58%	2.438%
27	15.909	2302	2311	2320	rBV3	39119	123373	16.85%	1.903%
28	16.226	2357	2363	2371	rVB8	19311	61888	8.45%	0.955%
29	16.757	2443	2450	2455	rBV4	14065	40160	5.48%	0.620%

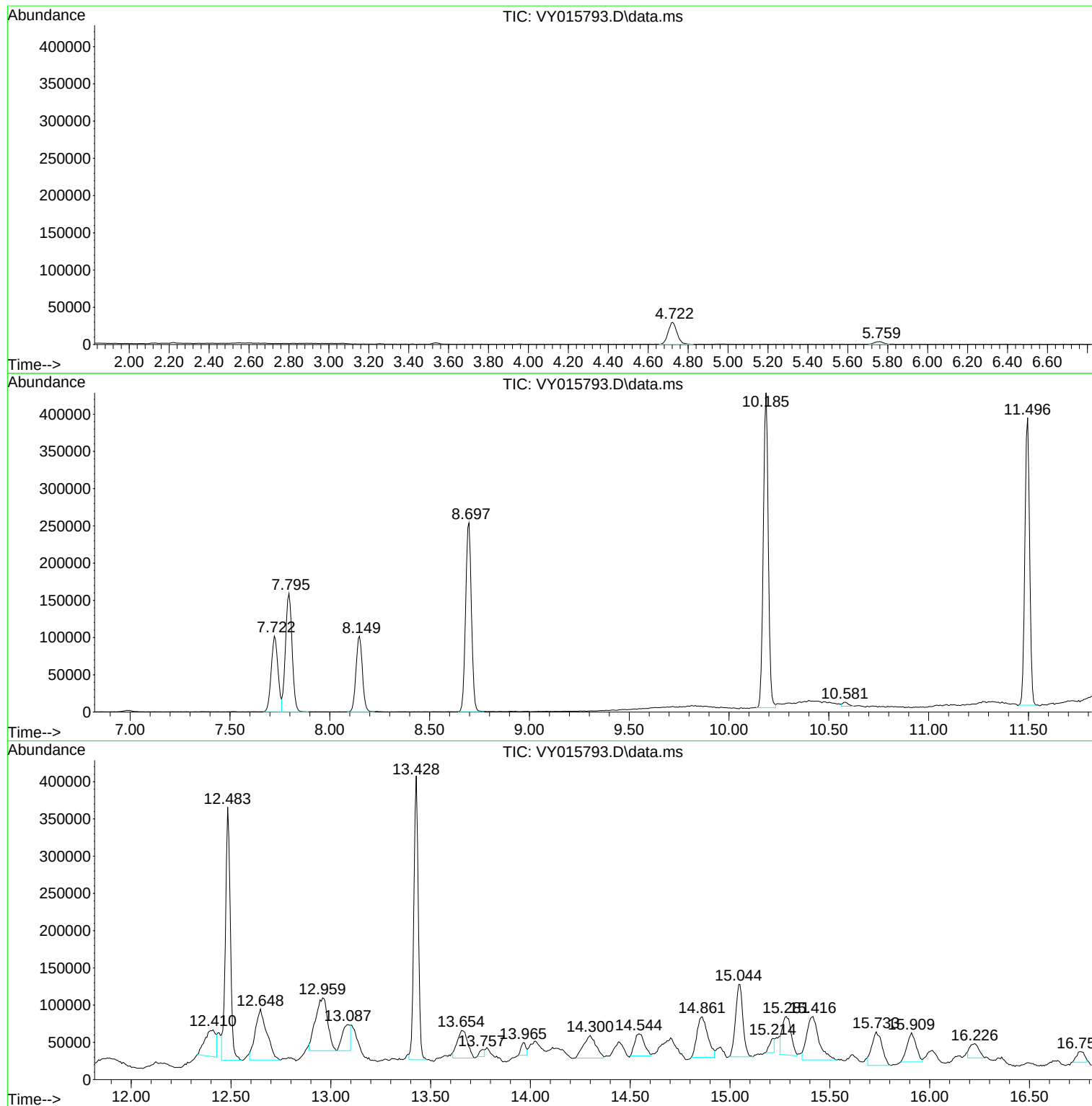
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PP-20230928-B6A-0-2

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



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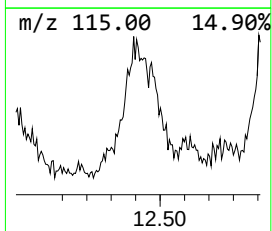
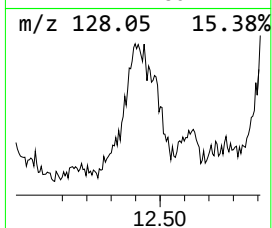
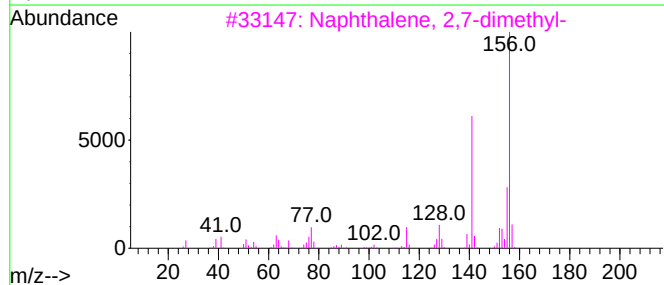
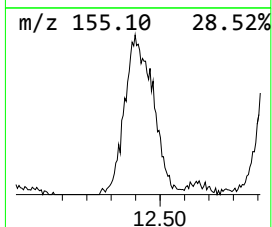
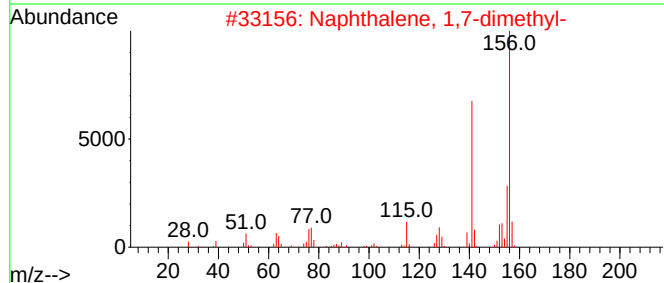
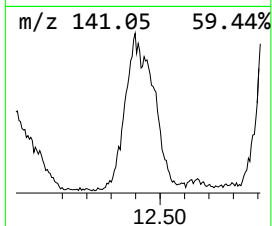
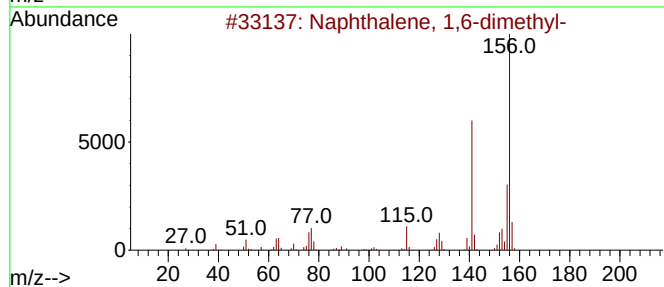
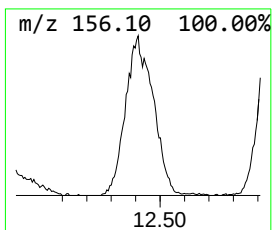
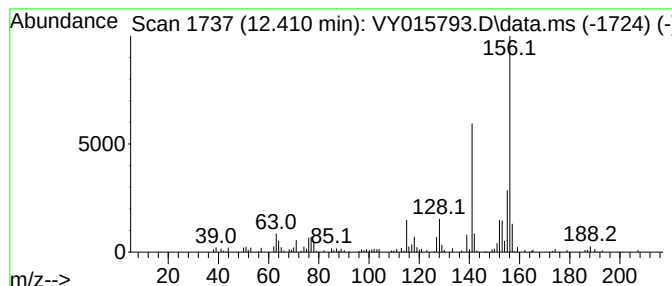
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	11.01 ug/l	139576	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



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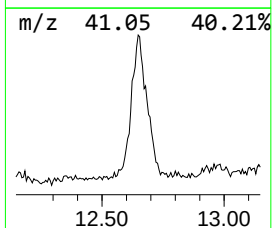
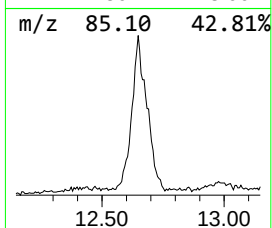
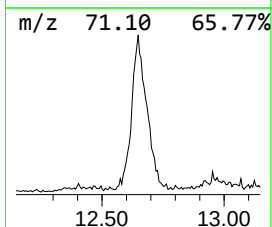
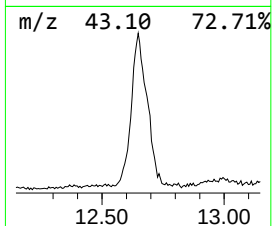
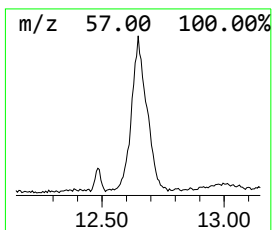
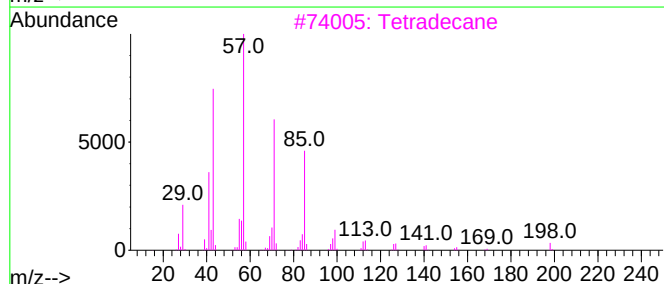
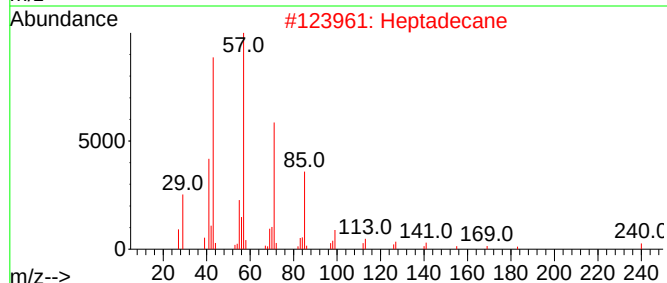
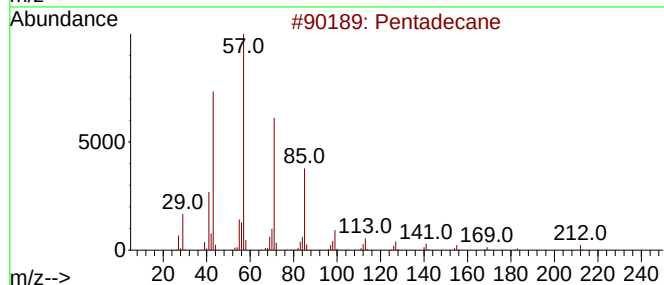
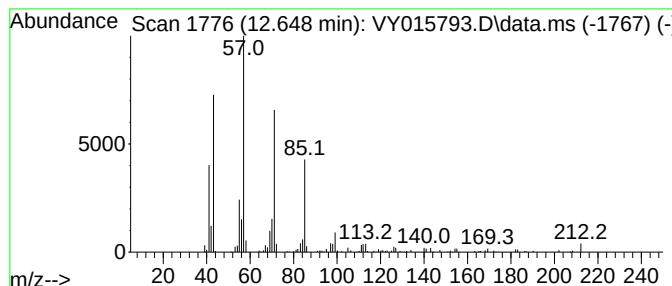
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	23.07 ug/l	272098	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	93
2		Heptadecane	240	C17H36	000629-78-7	87
3		Tetradecane	198	C14H30	000629-59-4	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Hexadecane	226	C16H34	000544-76-3	64



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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PP-20230928-B6A-0-2

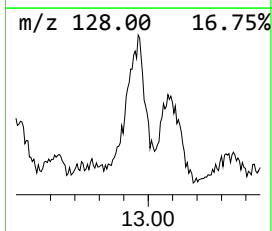
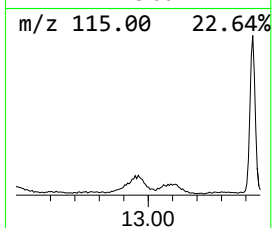
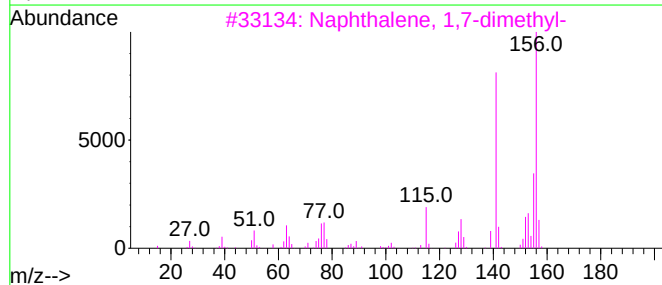
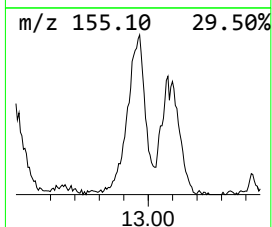
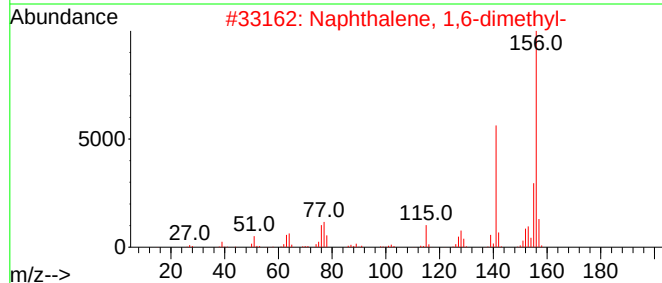
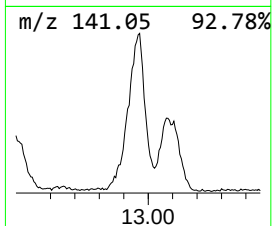
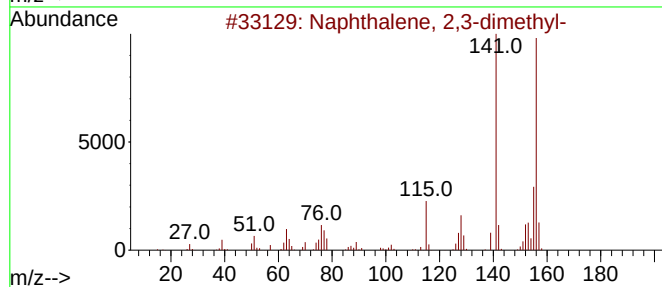
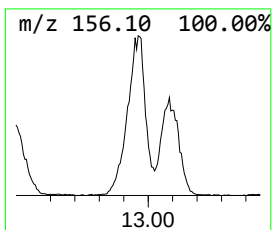
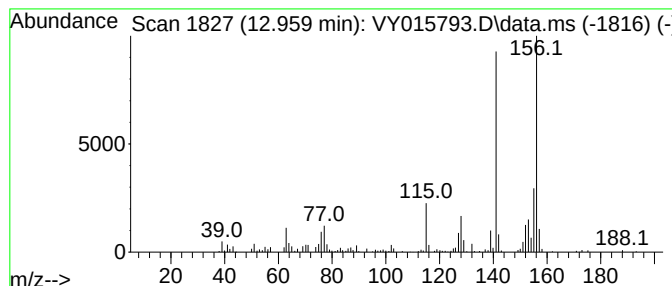
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	25.57 ug/l	301492	1,4-Dichlorobenzene-d4	13.428

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, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



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ALS Vial : 23 Sample Multiplier: 1

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

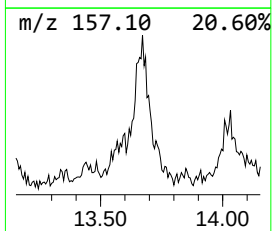
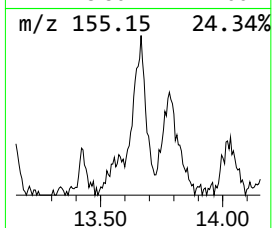
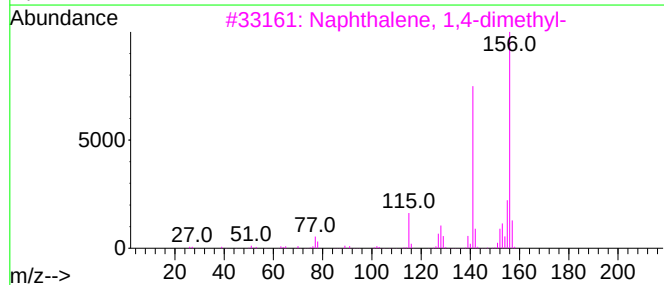
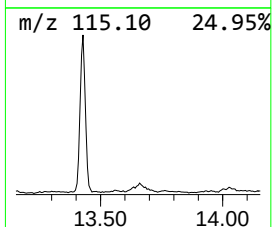
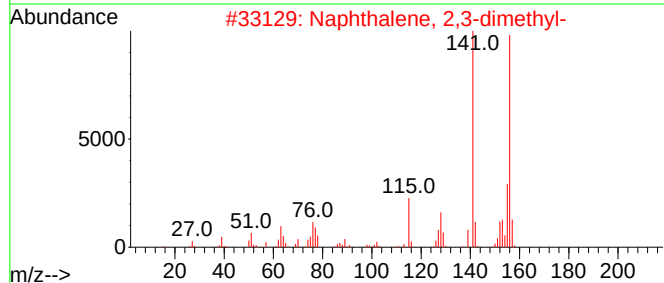
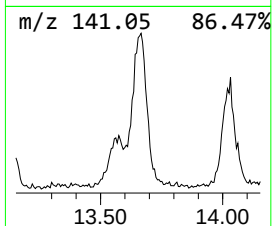
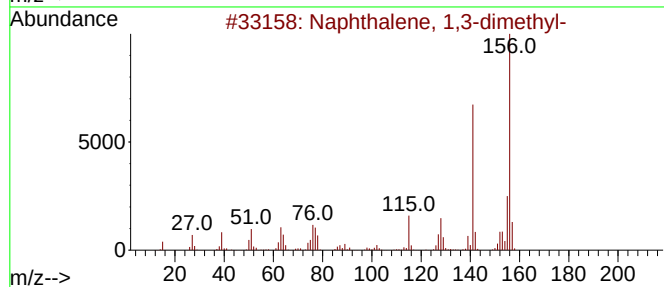
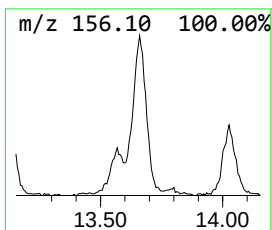
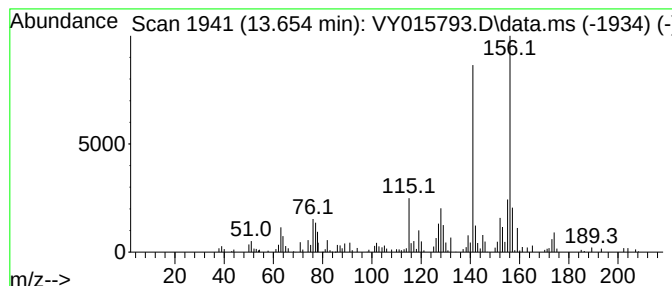
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.654	11.31 ug/l	133403	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	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



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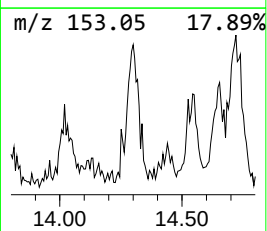
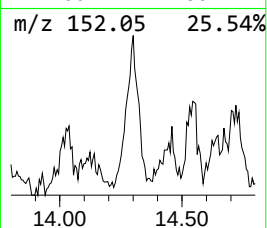
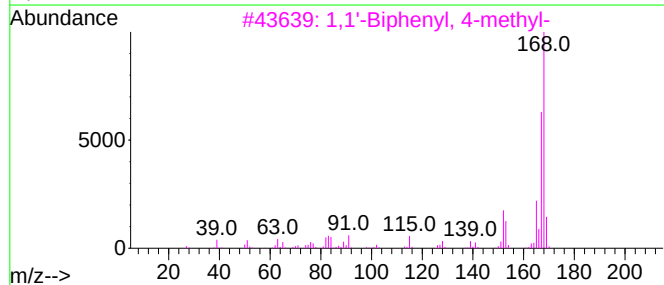
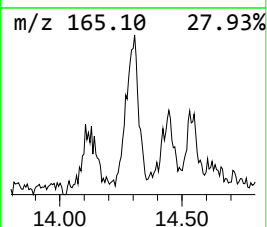
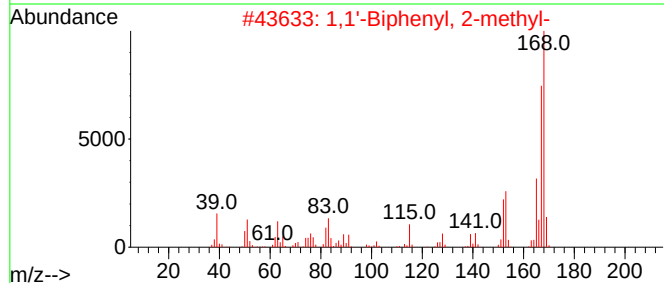
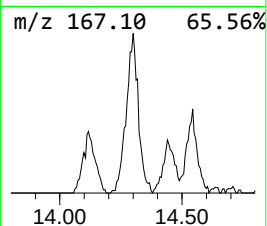
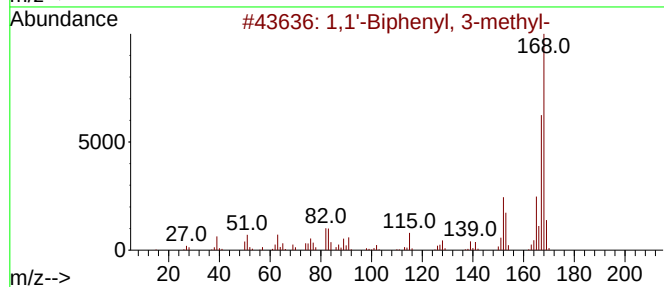
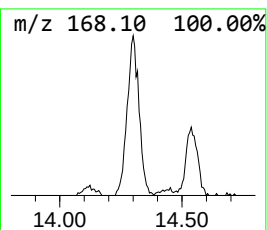
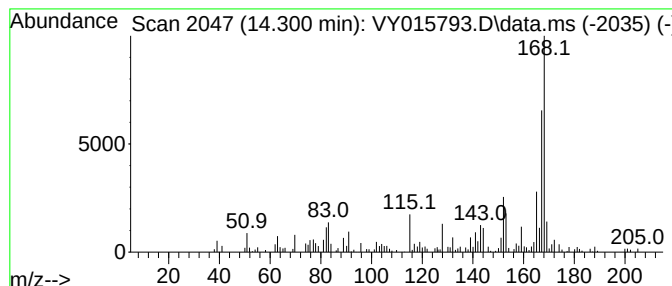
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 5 1,1'-Biphenyl, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	11.19 ug/l	131916	1,4-Dichlorobenzene-d4	13.428

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, 2-methyl-	168	C13H12	000643-58-3	93
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
4			Diphenylmethane	168	C13H12	000101-81-5	81
5			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49



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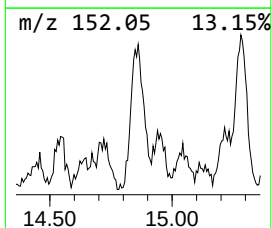
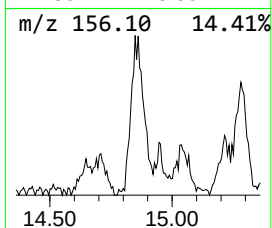
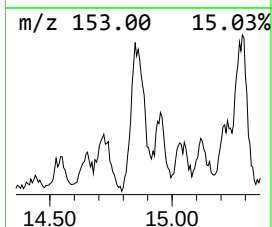
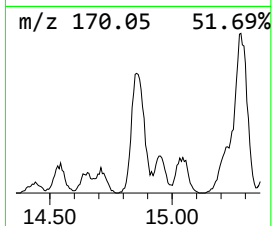
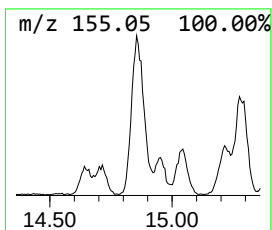
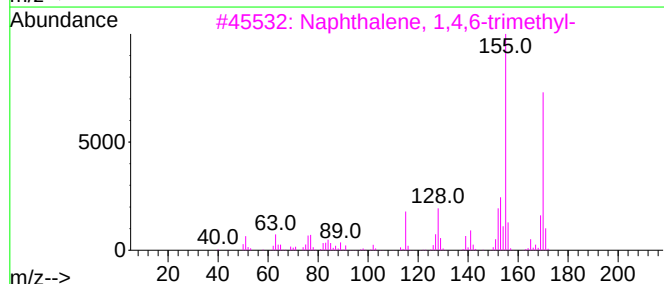
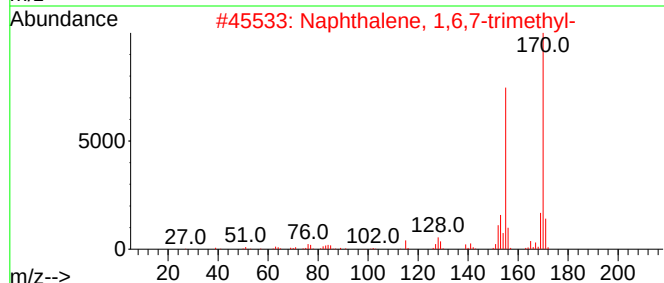
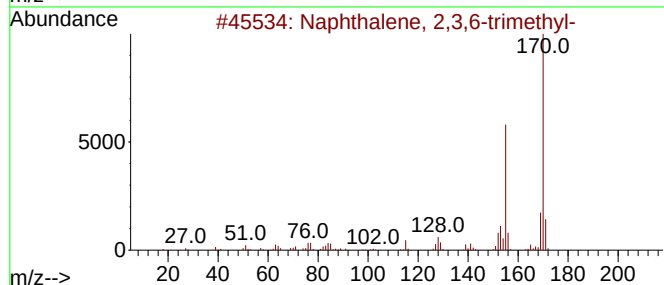
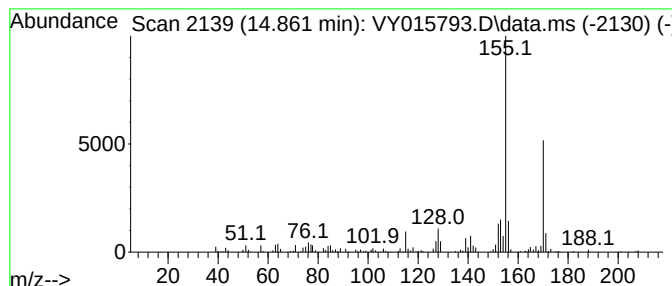
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	17.25 ug/l	203381	1,4-Dichlorobenzene-d4	13.428

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	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015793.D
Acq On : 02 Oct 2023 21:46
Operator : SY/MD
Sample : 04685-06
Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

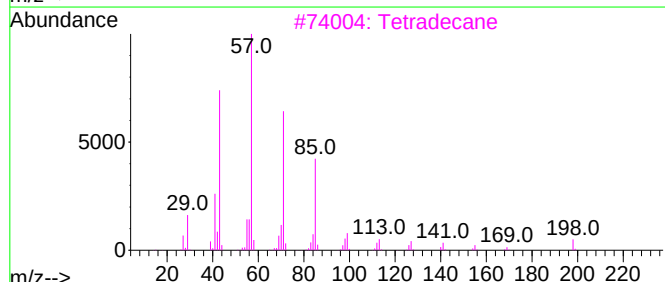
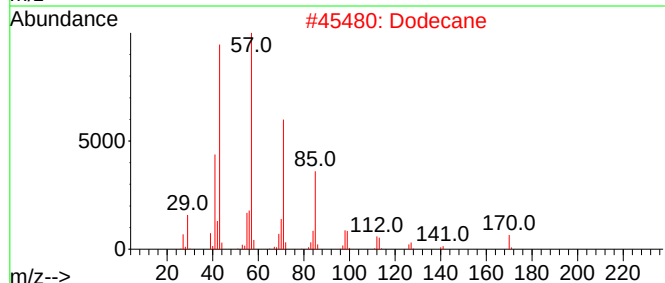
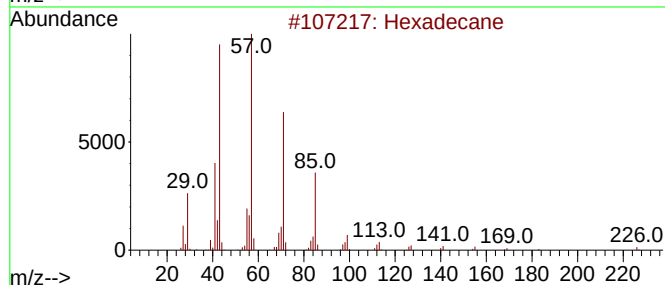
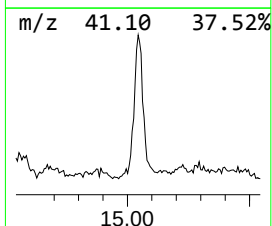
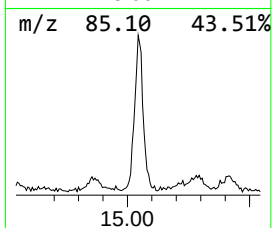
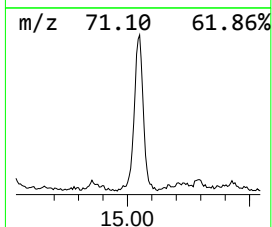
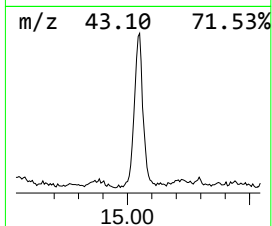
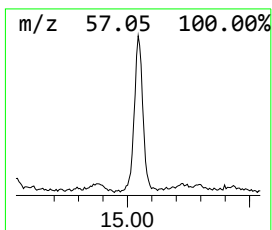
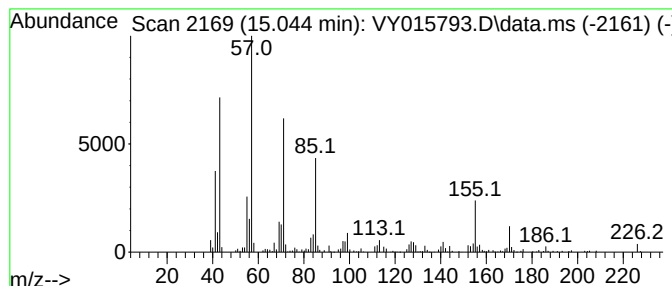
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Quant Title : SW846 8260

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

Peak Number 7 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.044	21.04 ug/l	248152	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Dodecane	170	C12H26	000112-40-3	76
3			Tetradecane	198	C14H30	000629-59-4	62
4			Pentadecane	212	C15H32	000629-62-9	62
5			Nonadecane	268	C19H40	000629-92-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015793.D
Acq On : 02 Oct 2023 21:46
Operator : SY/MD
Sample : 04685-06
Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

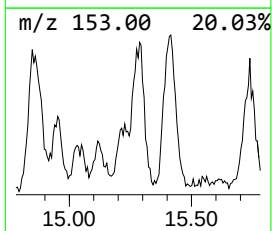
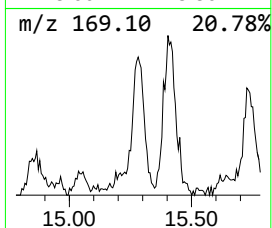
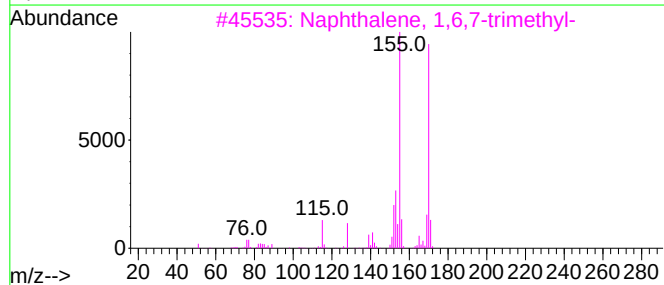
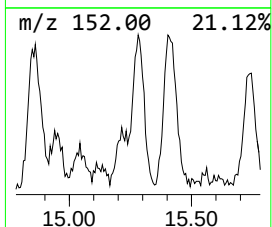
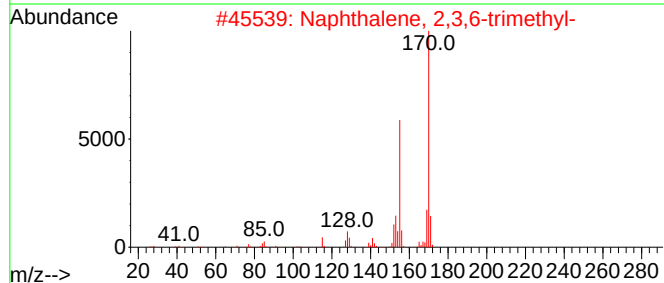
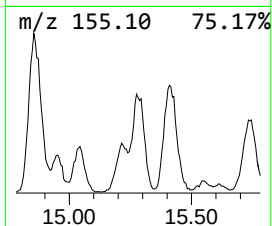
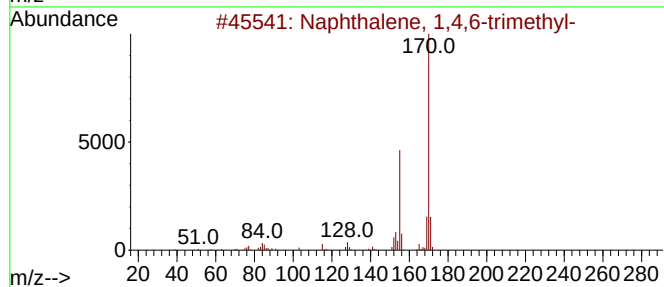
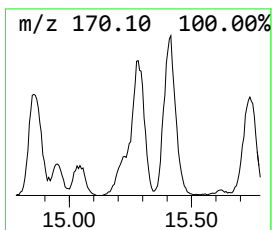
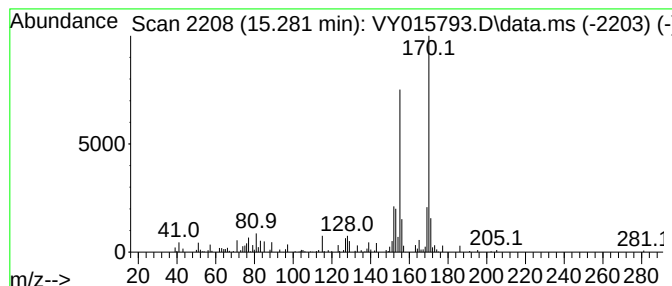
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.281	13.44 ug/l	158534	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	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015793.D
Acq On : 02 Oct 2023 21:46
Operator : SY/MD
Sample : 04685-06
Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

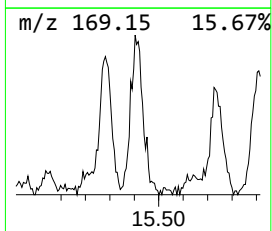
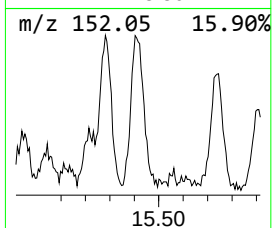
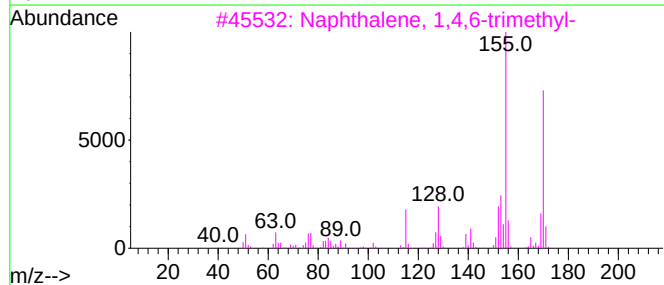
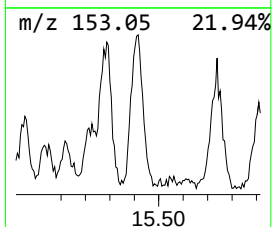
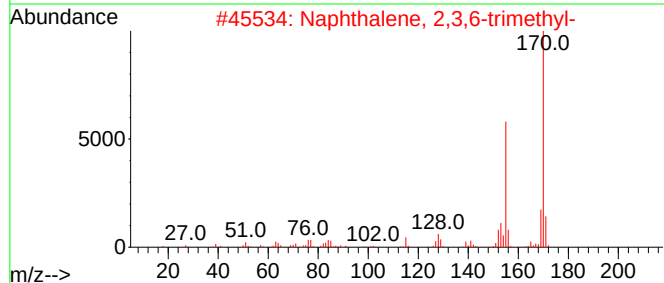
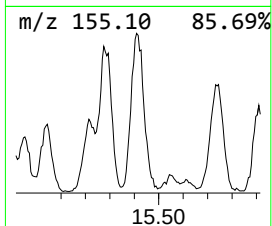
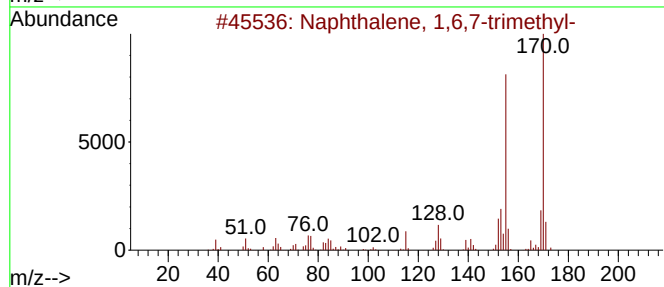
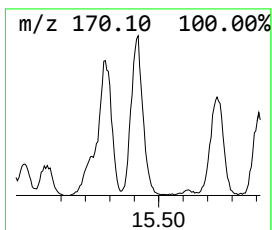
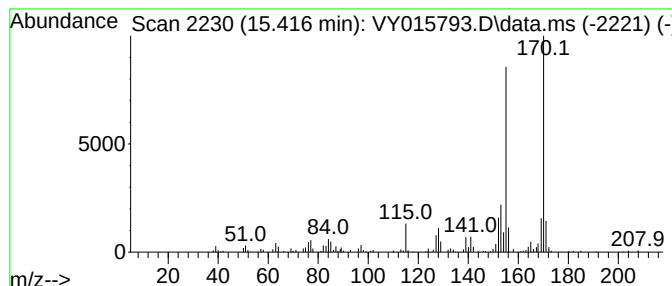
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	20.83 ug/l	245630	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015793.D
Acq On : 02 Oct 2023 21:46
Operator : SY/MD
Sample : 04685-06
Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

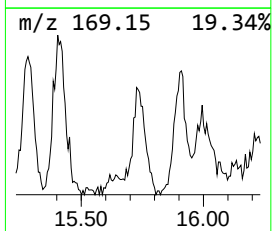
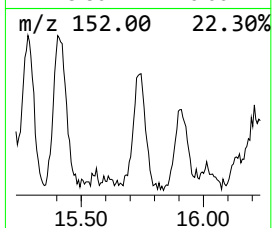
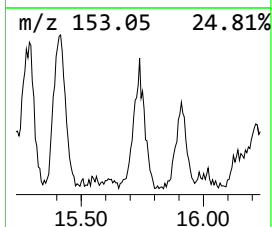
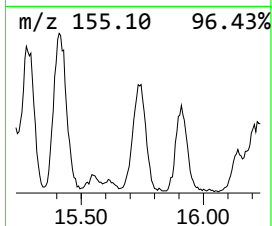
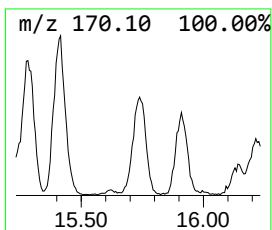
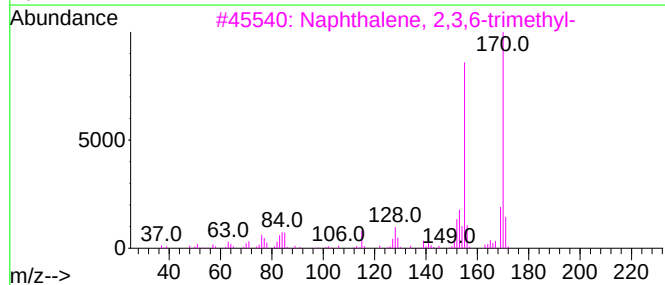
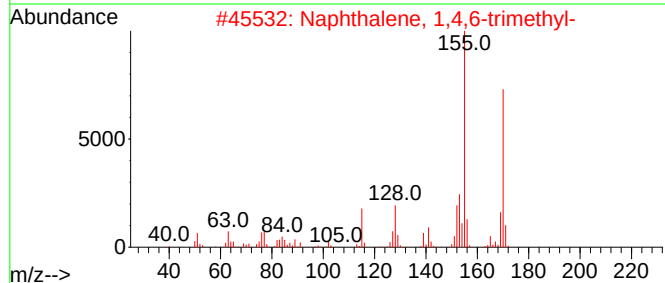
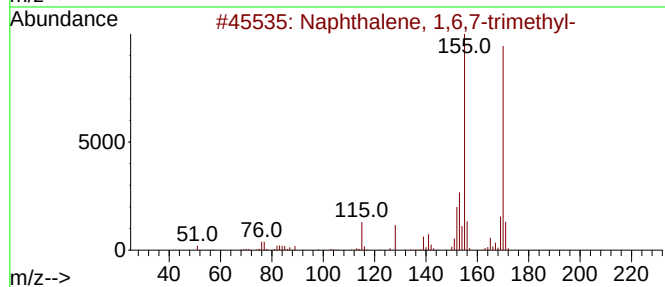
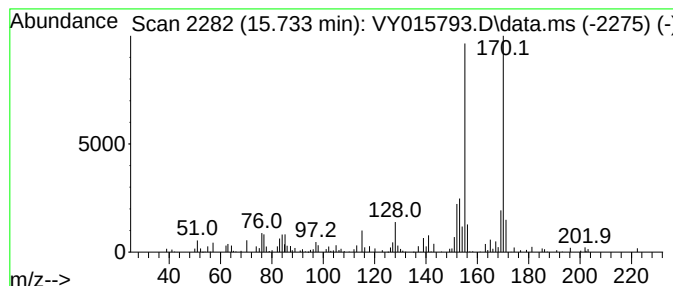
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Quant Title : SW846 8260

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

Peak Number 10 4,6,8-Trimethylazulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	13.40 ug/l	158063	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
Data File : VY015793.D
Acq On : 02 Oct 2023 21:46
Operator : SY/MD
Sample : 04685-06
Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 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

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					#	RT	Resp	Conc
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Pentadecane	12.648	23.1	ug/l	272098	4	13.428	589629	50.0
Naphthalene, 2,...	12.959	25.6	ug/l	301492	4	13.428	589629	50.0
Naphthalene, 1,...	13.654	11.3	ug/l	133403	4	13.428	589629	50.0
1,1'-Biphenyl, ...	14.300	11.2	ug/l	131916	4	13.428	589629	50.0
Naphthalene, 2,...	14.861	17.3	ug/l	203381	4	13.428	589629	50.0
Hexadecane	15.044	21.0	ug/l	248152	4	13.428	589629	50.0
Naphthalene, 1,...	15.281	13.4	ug/l	158534	4	13.428	589629	50.0
Naphthalene, 1,...	15.416	20.8	ug/l	245630	4	13.428	589629	50.0
4,6,8-Trimethyl...	15.733	13.4	ug/l	158063	4	13.428	589629	50.0