

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007957.D
 Acq On : 21 Mar 2022 16:12
 Operator : SY/MD
 Sample : N1958-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-4-3-4

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\82Y031722S.M
 Title : SW846 8260

Signal : TIC: VY007957.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	957	967	973	rBV2	16226	40160	1.61%	0.671%
2	7.789	973	979	987	rVB2	31017	72348	2.91%	1.208%
3	8.143	1029	1037	1047	rBV	16867	38465	1.54%	0.642%
4	8.691	1118	1127	1137	rBV	47621	97070	3.90%	1.621%
5	10.179	1365	1371	1377	rBV	74112	138905	5.58%	2.320%
6	11.490	1580	1586	1594	rBV	63094	101113	4.06%	1.689%
7	11.849	1629	1645	1646	rBV	32548	91297	3.67%	1.525%
8	12.404	1714	1736	1742	rBV6	67171	383319	15.40%	6.403%
9	12.477	1745	1748	1767	rVB3	91735	242124	9.73%	4.044%
10	12.959	1807	1827	1837	rVV5	125725	643798	25.86%	10.754%
11	13.099	1838	1850	1865	rVB4	68953	354425	14.24%	5.920%
12	13.422	1898	1903	1911	rBV	49521	83627	3.36%	1.397%
13	13.562	1914	1926	1930	rVV5	22516	72682	2.92%	1.214%
14	13.654	1933	1941	1953	rVB7	40824	168614	6.77%	2.816%
15	14.026	1988	2002	2016	rBV3	24057	95588	3.84%	1.597%
16	14.300	2027	2047	2058	rBV7	35722	155033	6.23%	2.590%
17	14.538	2079	2086	2096	rVB7	11556	38856	1.56%	0.649%
18	14.733	2103	2118	2132	rBV	793588	2489681	100.00%	41.586%
19	14.861	2132	2139	2148	rVV3	21337	77858	3.13%	1.300%
20	15.123	2175	2182	2191	rVV3	33486	102418	4.11%	1.711%
21	15.233	2191	2200	2203	rVV3	13211	36152	1.45%	0.604%
22	15.300	2203	2211	2217	rVV8	14157	47580	1.91%	0.795%
23	15.434	2220	2233	2249	rVB	105627	384573	15.45%	6.424%
24	15.745	2276	2284	2295	rVB6	8897	31146	1.25%	0.520%

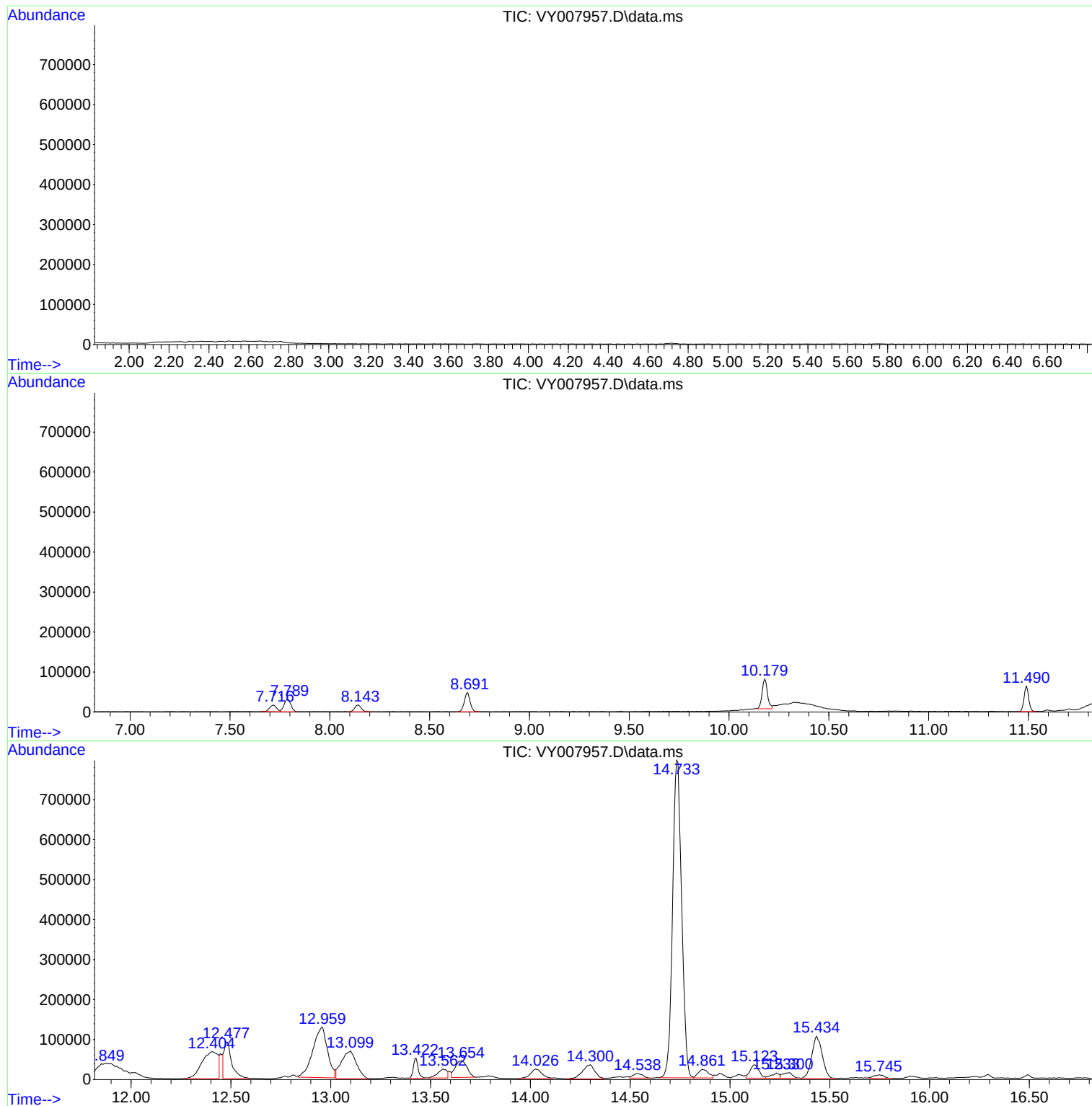
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Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
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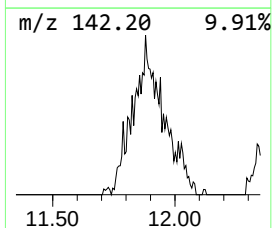
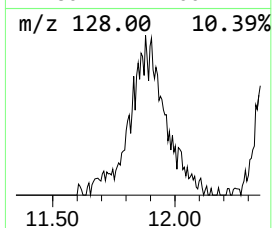
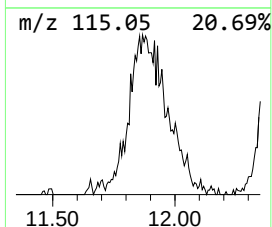
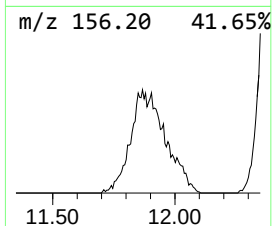
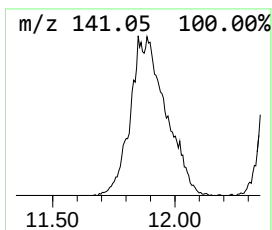
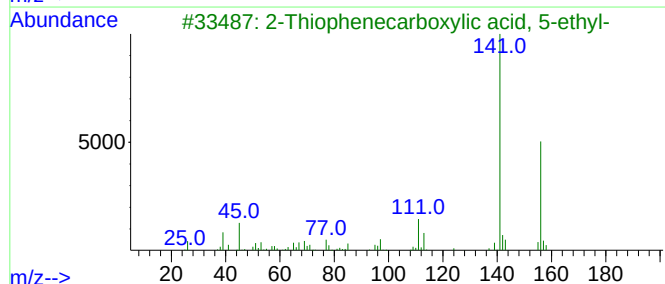
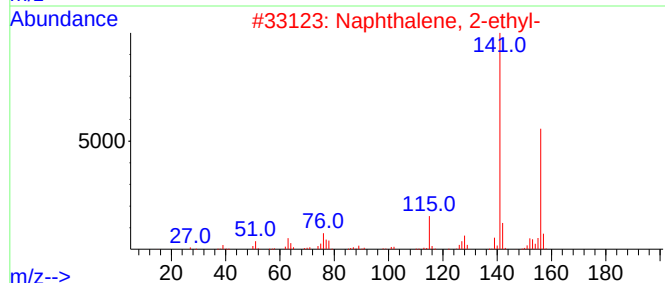
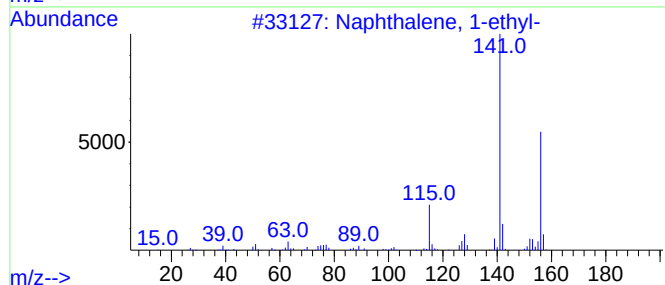
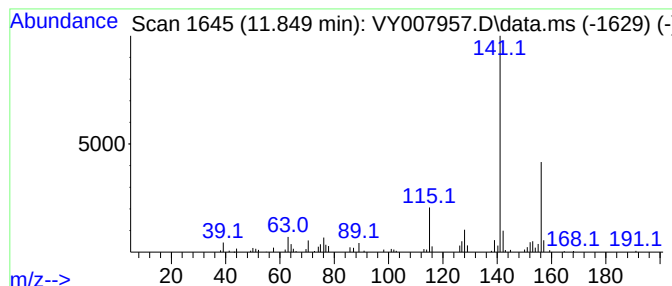
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.849	45.15 ug/l	91297	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4			2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



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C-4-3-4

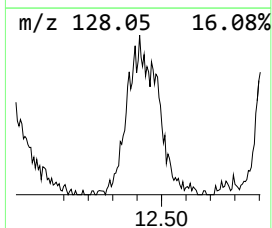
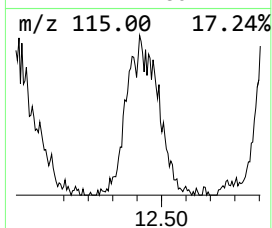
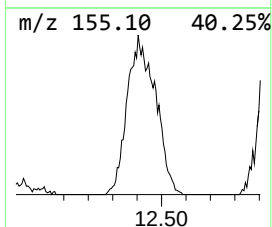
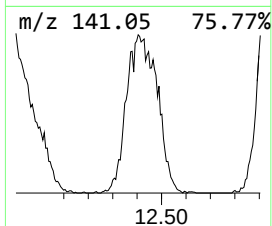
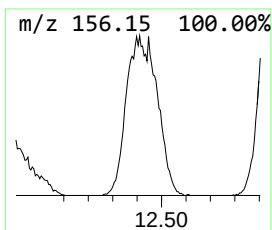
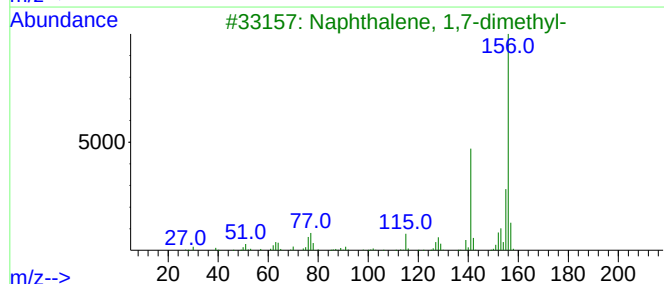
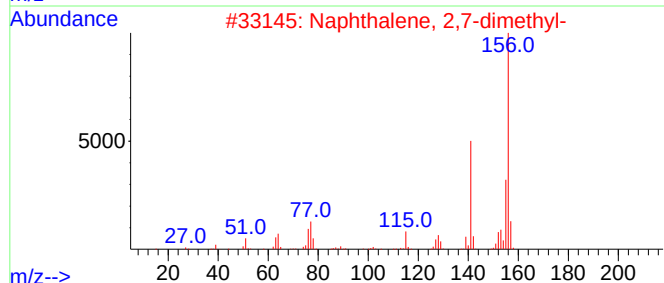
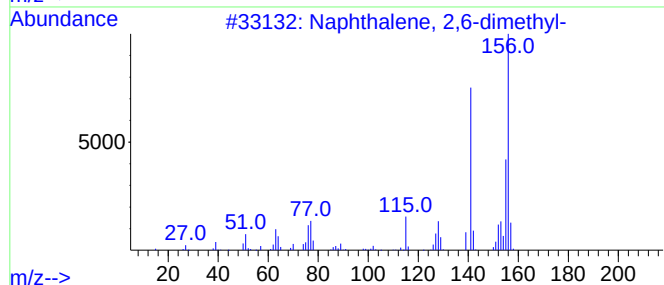
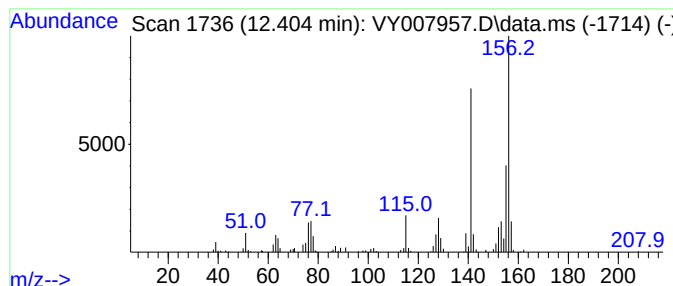
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	189.55 ug/l	383319	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

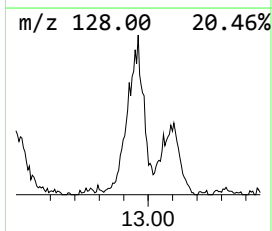
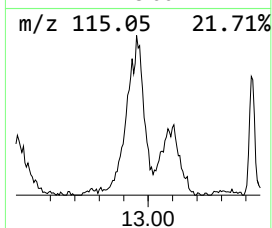
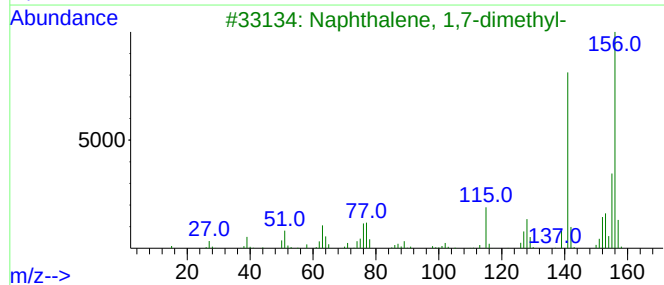
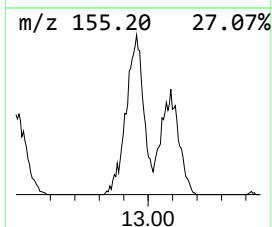
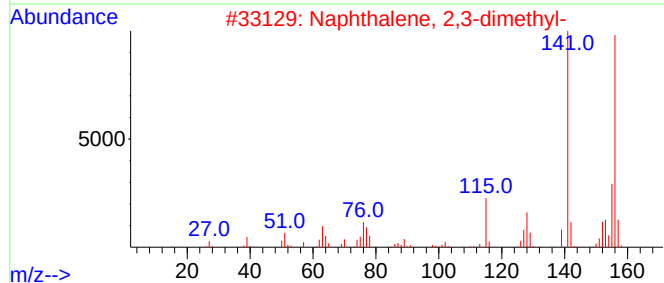
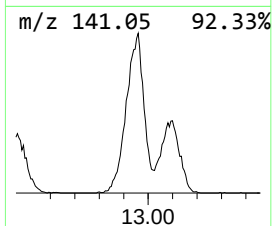
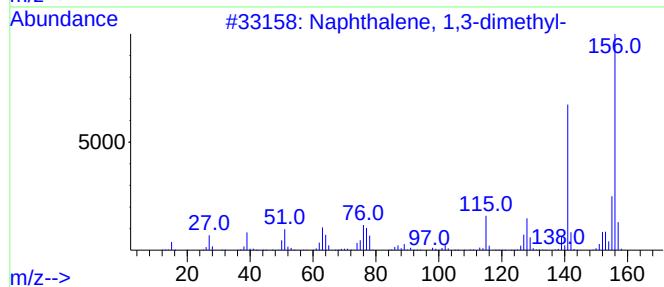
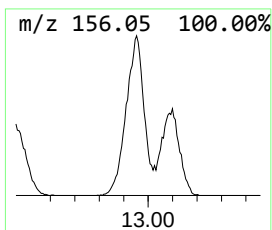
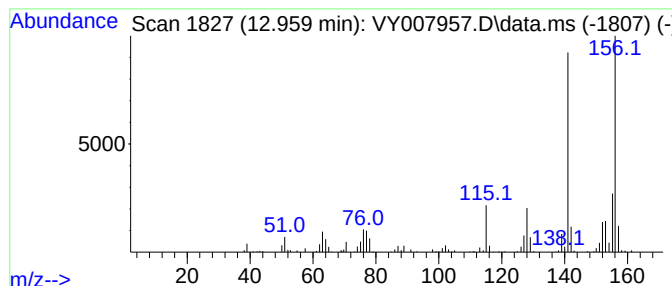
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	384.92 ug/l	643798	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	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

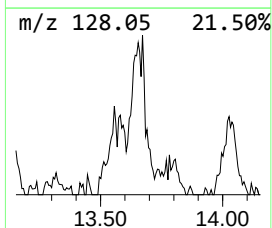
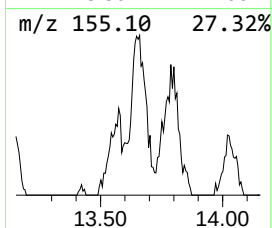
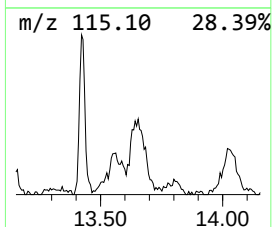
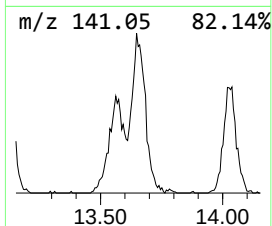
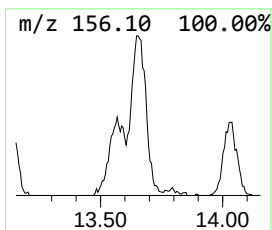
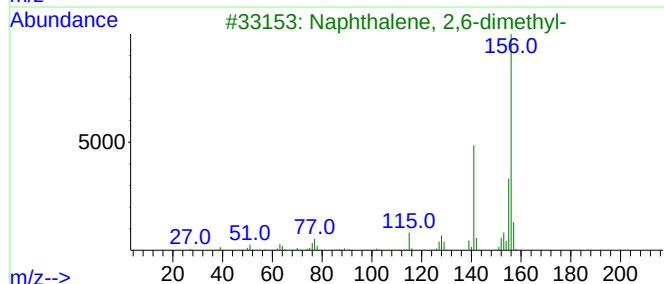
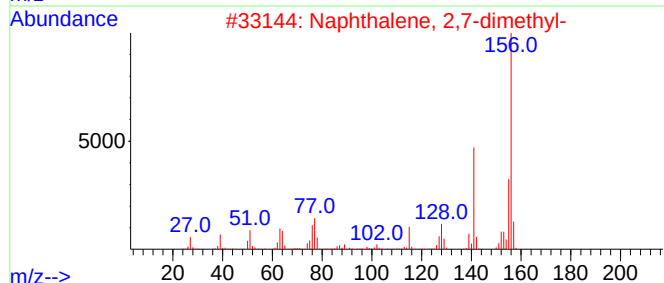
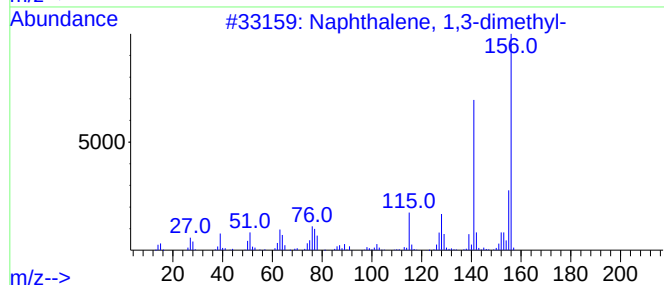
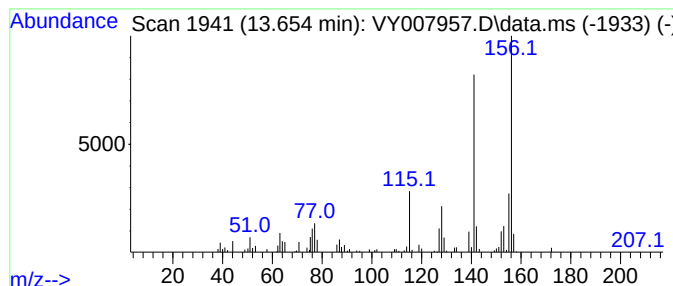
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.654	100.81 ug/l	168614	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91



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ClientSampleId :
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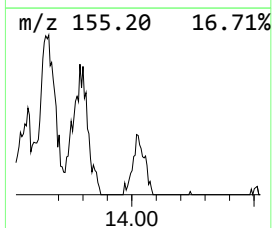
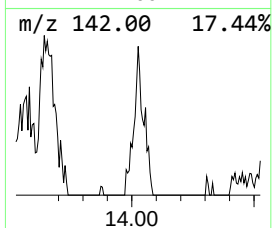
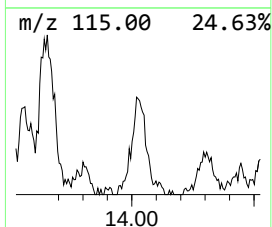
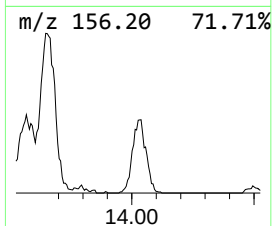
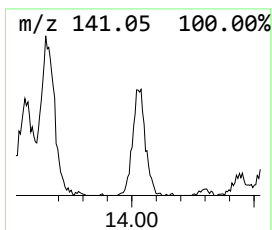
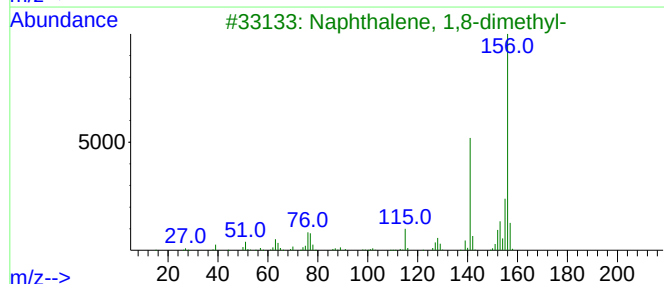
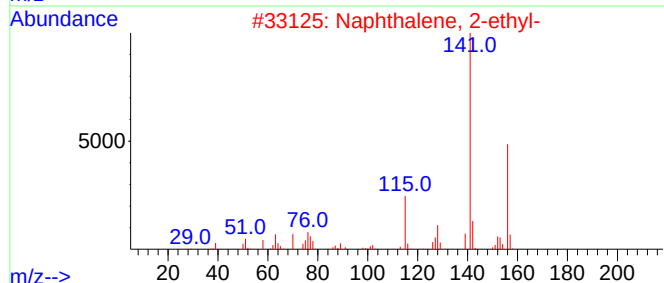
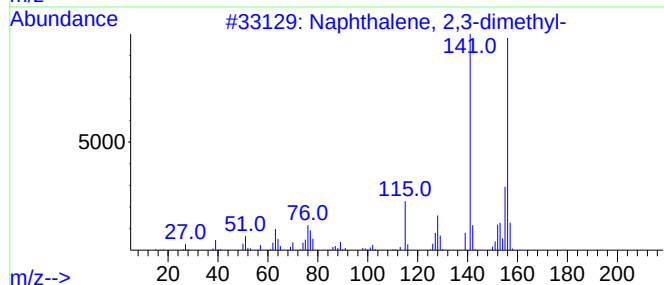
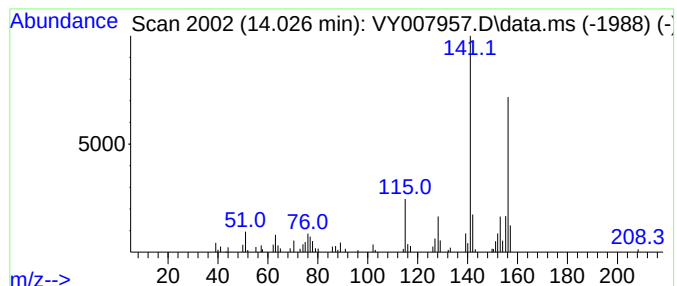
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.026	57.15 ug/l	95588	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	94
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91



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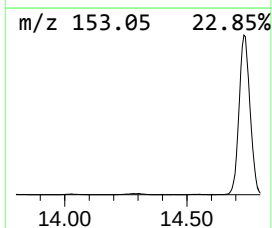
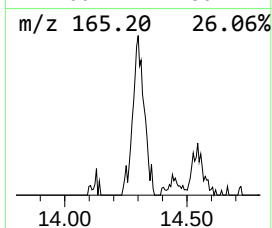
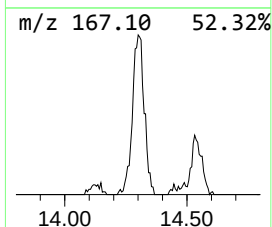
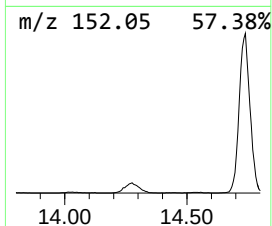
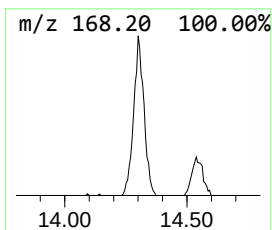
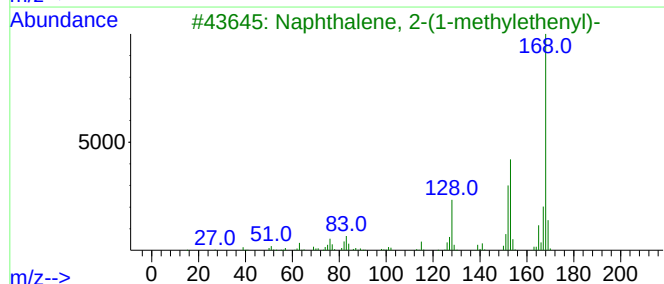
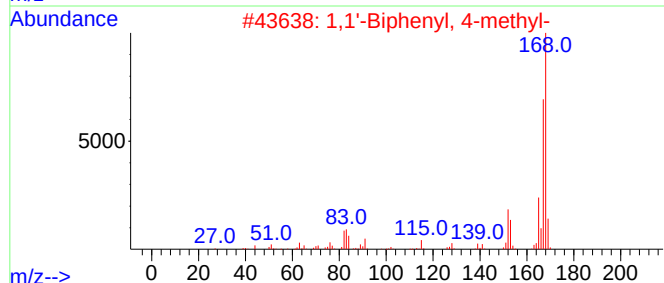
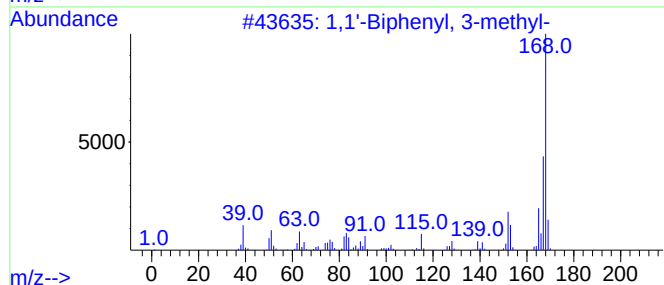
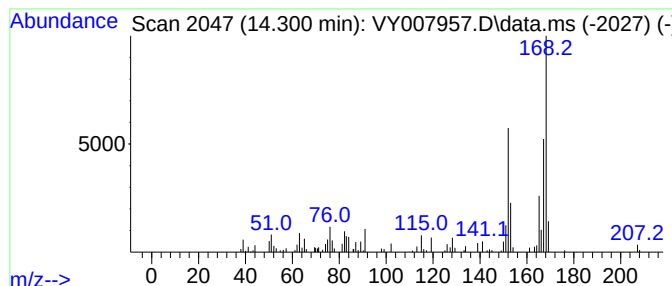
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Quant Title : SW846 8260

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

Peak Number 6 1,1'-Biphenyl, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	92.69 ug/l	155033	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	91
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	47
5			Diphenylmethane	168	C13H12	000101-81-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007957.D
Acq On : 21 Mar 2022 16:12
Operator : SY/MD
Sample : N1958-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

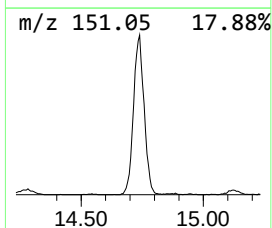
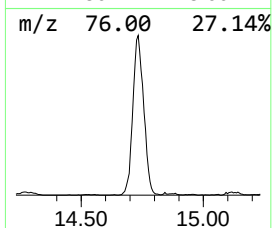
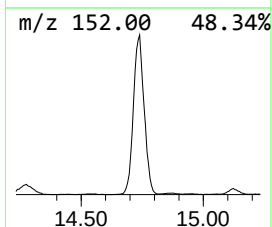
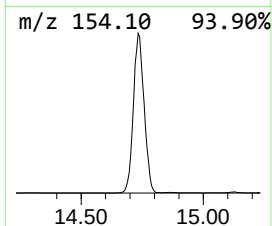
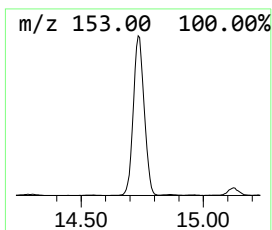
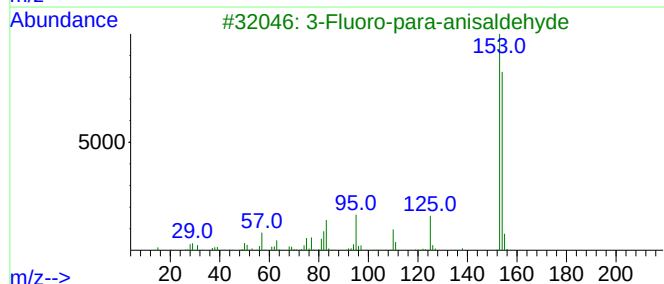
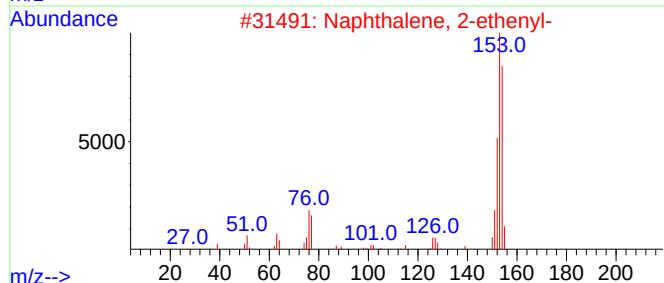
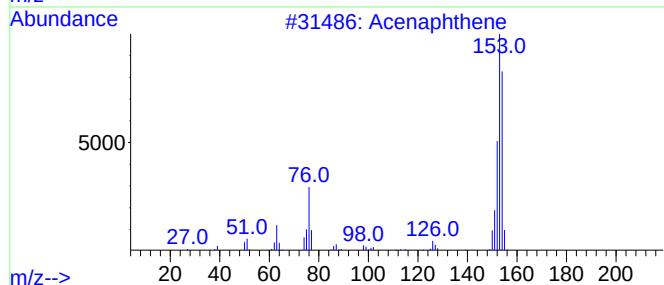
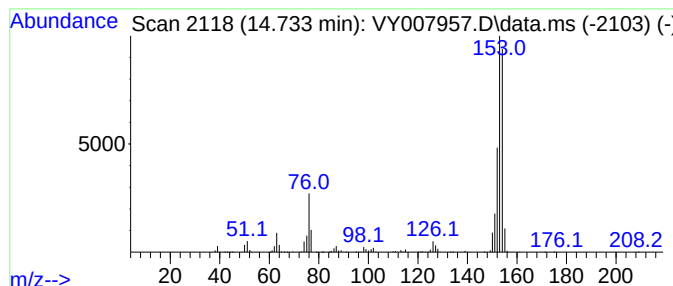
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Quant Title : SW846 8260

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

Peak Number 7 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	1488.56 ug/l	2489680	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
3			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53
4			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50
5			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007957.D
Acq On : 21 Mar 2022 16:12
Operator : SY/MD
Sample : N1958-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

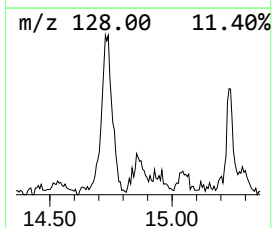
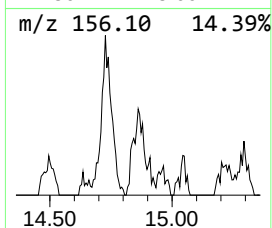
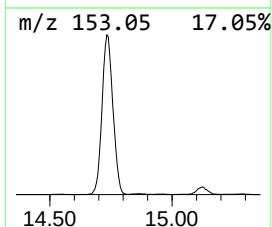
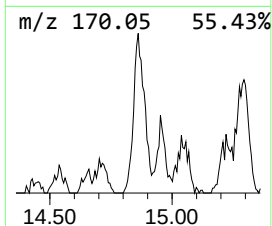
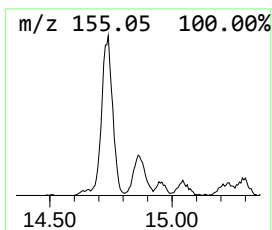
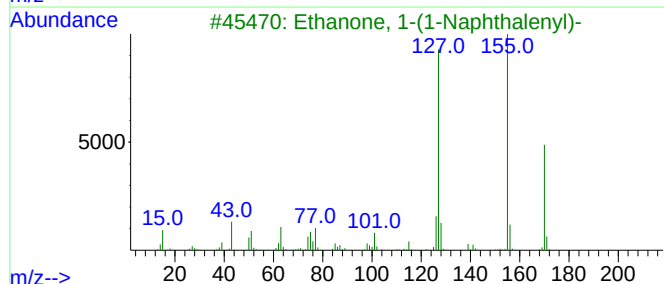
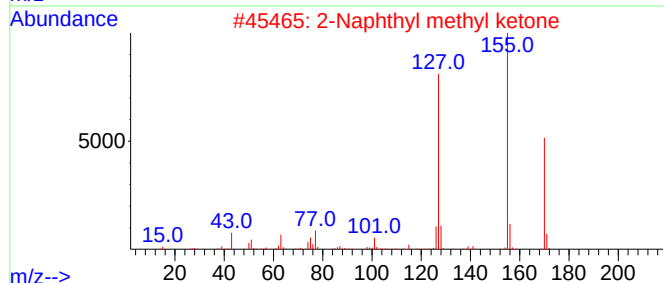
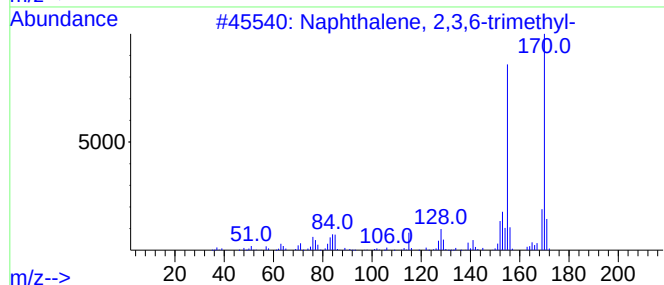
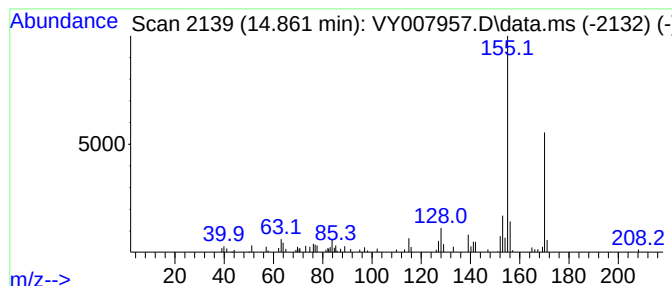
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	46.55 ug/l	77858	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	86
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	83
3			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	80
4			5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	72
5			3-Amino-5-methylisoxazole, N-tri...	170	C7H14N2OSi	099356-57-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007957.D
Acq On : 21 Mar 2022 16:12
Operator : SY/MD
Sample : N1958-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

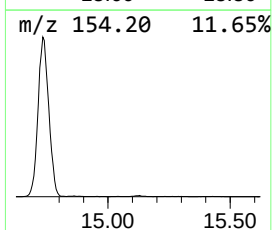
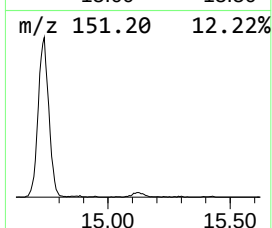
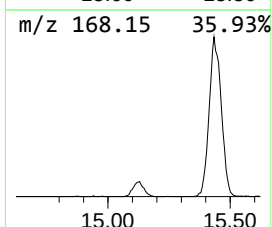
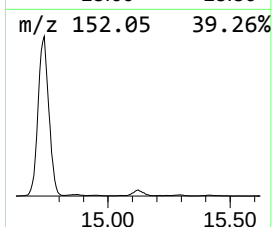
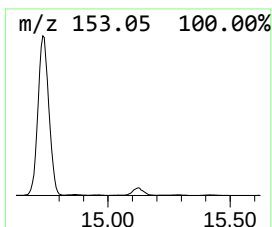
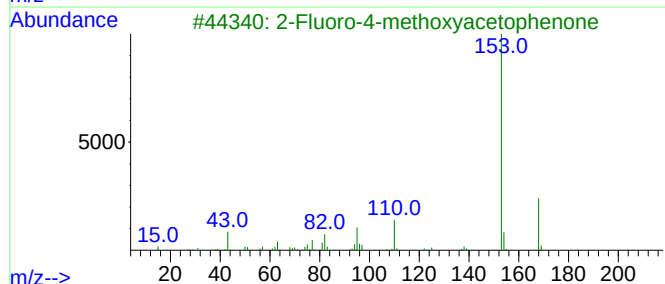
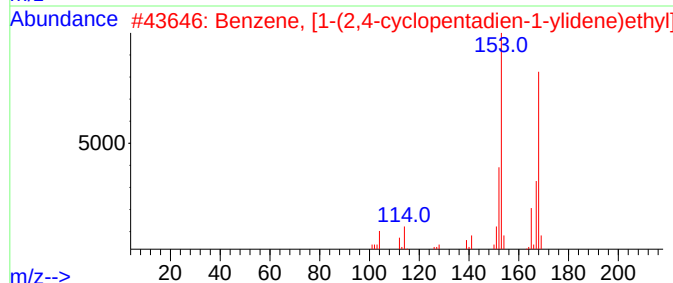
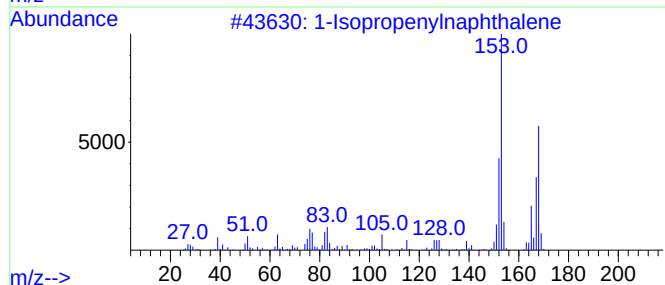
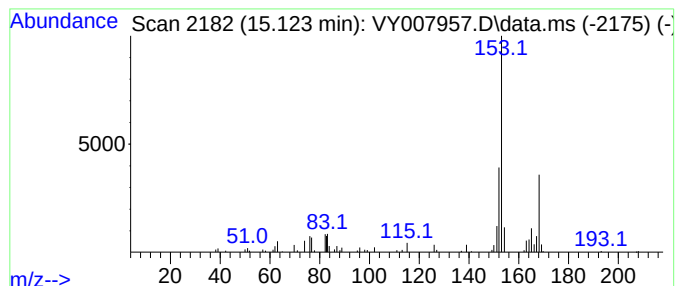
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.123	61.23 ug/l	102418	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	86
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	78
3			2-Fluoro-4-methoxyacetophenone	168	C9H9F02	074457-86-6	49
4			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9F02	000455-91-4	49
5			Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007957.D
Acq On : 21 Mar 2022 16:12
Operator : SY/MD
Sample : N1958-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.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, 1-...	11.849	45.1	ug/l	91297	3	11.490	101113	50.0
Naphthalene, 2,...	12.404	189.6	ug/l	383319	3	11.490	101113	50.0
Naphthalene, 1,...	12.959	384.9	ug/l	643798	4	13.428	83627	50.0
Naphthalene, 2,...	13.654	100.8	ug/l	168614	4	13.428	83627	50.0
Naphthalene, 1,...	14.026	57.1	ug/l	95588	4	13.428	83627	50.0
1,1'-Biphenyl, ...	14.300	92.7	ug/l	155033	4	13.428	83627	50.0
Acenaphthene	14.733	1488.6	ug/l	2489680	4	13.428	83627	50.0
Naphthalene, 2,...	14.861	46.5	ug/l	77858	4	13.428	83627	50.0
1-Isopropenylna...	15.123	61.2	ug/l	102418	4	13.428	83627	50.0