

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015166.D
 Acq On : 17 Aug 2023 12:55
 Operator : SY/MD
 Sample : 03958-05
 Misc : 7.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB02-Z37-39

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\82Y081423S.M
 Title : SW846 8260

Signal : TIC: VY015166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.119	44	49	51	rBV3	1241	2048	1.45%	0.268%
2	2.656	134	137	142	rVB4	1321	2404	1.70%	0.315%
3	2.960	184	187	190	rVB4	1366	1932	1.36%	0.253%
4	3.936	343	347	355	rBV4	836	2421	1.71%	0.317%
5	4.716	464	475	481	rBV3	2359	6489	4.58%	0.850%
6	7.710	958	966	972	rBV3	8078	19533	13.80%	2.559%
7	7.789	972	979	989	rVB	14677	33562	23.70%	4.396%
8	8.142	1028	1037	1049	rVB	9978	22889	16.17%	2.998%
9	8.685	1120	1126	1136	rVB	22739	44512	31.44%	5.831%
10	10.179	1365	1371	1379	rVV	36172	62241	43.96%	8.153%
11	11.489	1580	1586	1594	rBV	34779	58491	41.31%	7.662%
12	11.593	1599	1603	1609	rBV4	1909	3414	2.41%	0.447%
13	11.831	1626	1642	1644	rBV6	6020	20546	14.51%	2.691%
14	12.373	1717	1731	1733	rBV7	4734	15256	10.78%	1.998%
15	12.483	1744	1749	1763	rVB	32759	59897	42.31%	7.846%
16	12.934	1821	1823	1833	rVB5	10731	26891	18.99%	3.522%
17	13.062	1837	1844	1845	rBV6	4573	9672	6.83%	1.267%
18	13.428	1897	1904	1911	rBV	36953	59843	42.27%	7.839%
19	13.550	1917	1924	1925	rBV4	1953	3748	2.65%	0.491%
20	13.635	1931	1938	1952	rVB7	9036	32422	22.90%	4.247%
21	14.013	1987	2000	2008	rBV7	4192	15865	11.21%	2.078%
22	14.245	2029	2038	2040	rBV2	3344	6521	4.61%	0.854%
23	14.263	2040	2041	2054	rVB6	3763	9299	6.57%	1.218%
24	14.727	2104	2117	2130	rVB2	44684	141583	100.00%	18.546%
25	14.836	2130	2135	2140	rBV5	4367	11097	7.84%	1.454%
26	14.952	2151	2154	2160	rVB6	1958	3528	2.49%	0.462%
27	15.038	2160	2168	2172	rBV8	2108	6486	4.58%	0.850%
28	15.111	2172	2180	2181	rBV5	5399	8900	6.29%	1.166%
29	15.239	2190	2201	2206	rBV	27943	52872	37.34%	6.926%
30	15.281	2206	2208	2212	rVV3	1917	2745	1.94%	0.360%
31	15.397	2222	2227	2228	rVV4	1711	2345	1.66%	0.307%
32	15.409	2228	2229	2240	rVB6	1925	4238	2.99%	0.555%
33	15.726	2279	2281	2291	rVB4	1556	3485	2.46%	0.457%
34	16.293	2369	2374	2381	rVB2	1901	3697	2.61%	0.484%
35	16.495	2399	2407	2412	rBV5	1114	2538	1.79%	0.332%

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Instrument :
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ClientSampleId :
NEVINS-SB02-Z37-39

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\82Y081423S.M
Title : SW846 8260

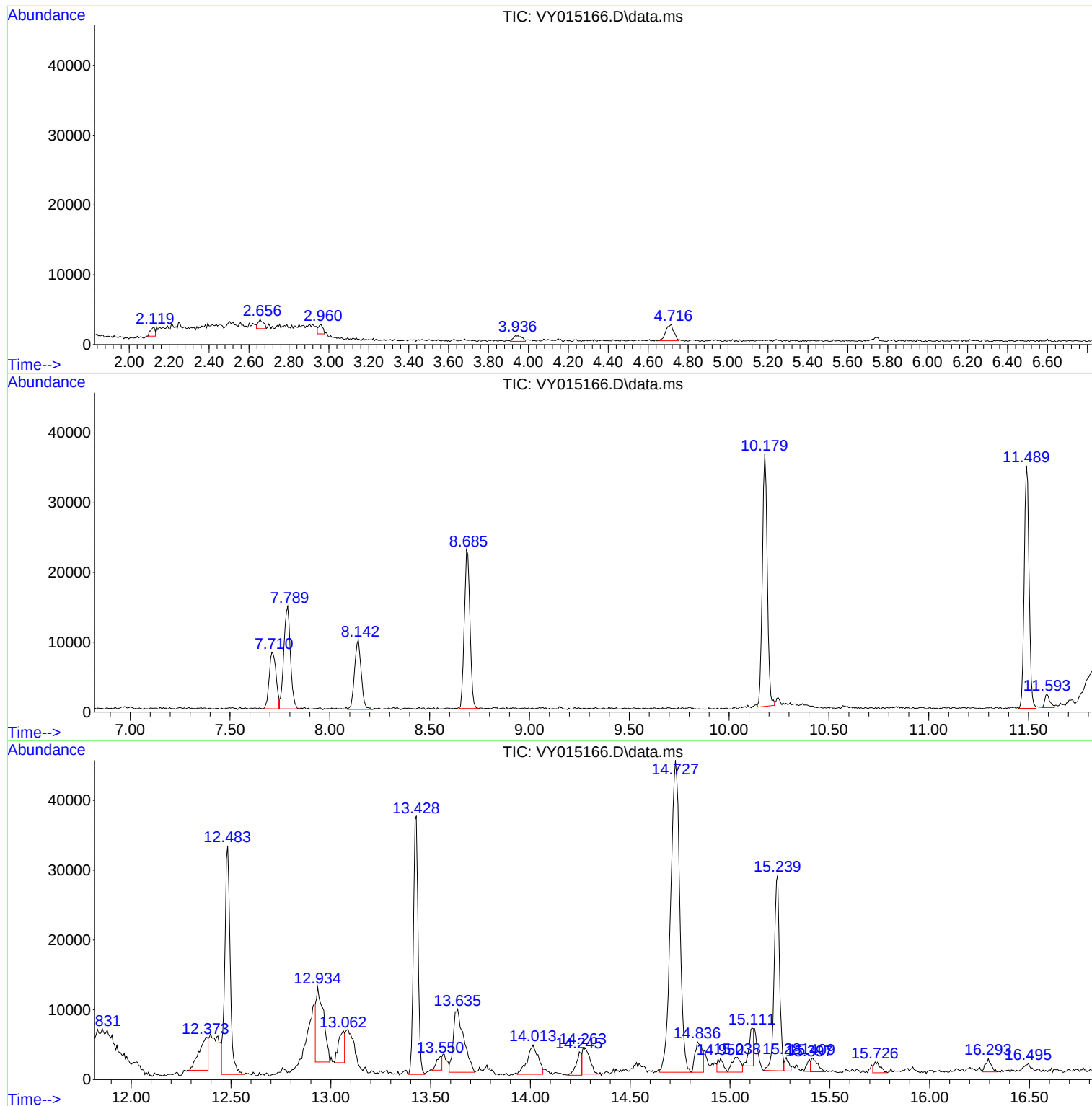
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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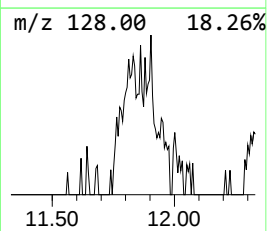
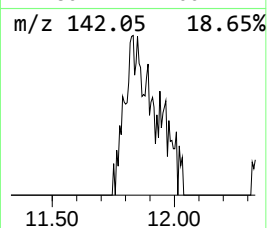
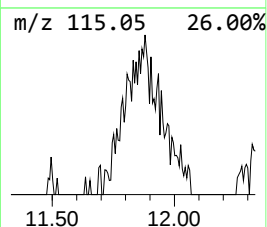
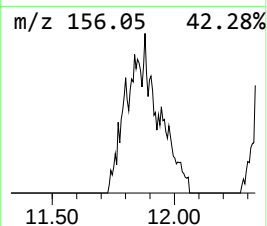
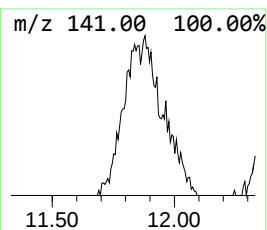
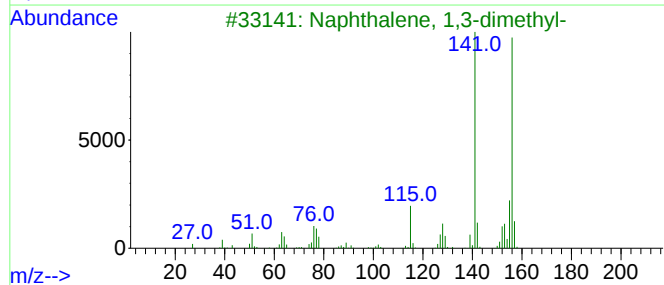
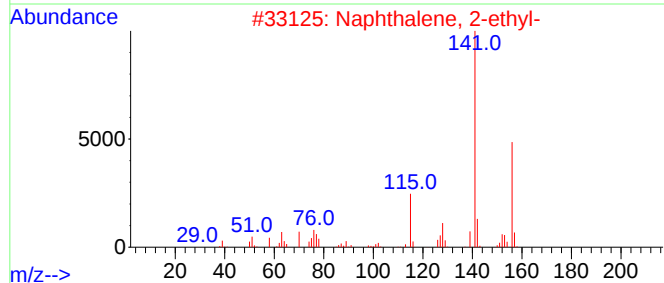
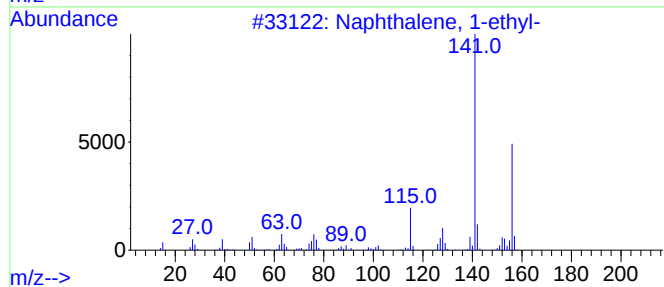
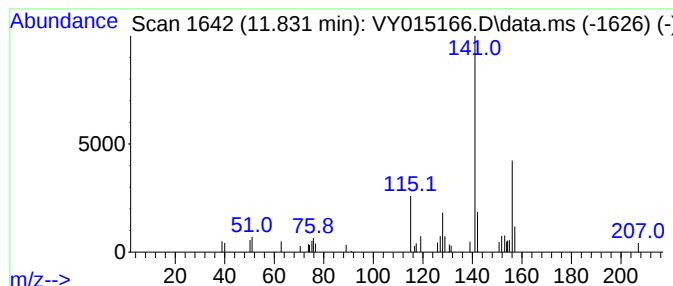
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.831	17.56 ug/l	20546	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	86
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
5			1-Naphthalenepropionic acid	200	C13H12O2	003243-42-3	53



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

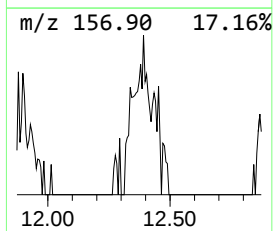
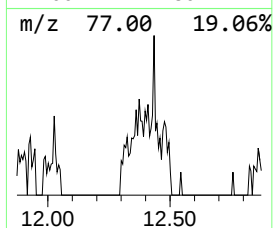
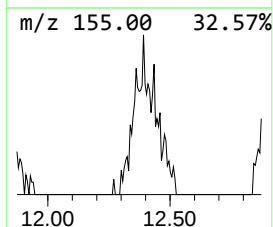
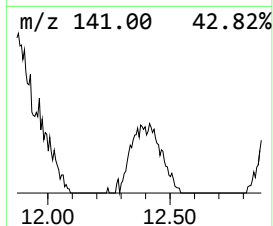
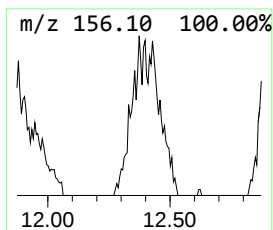
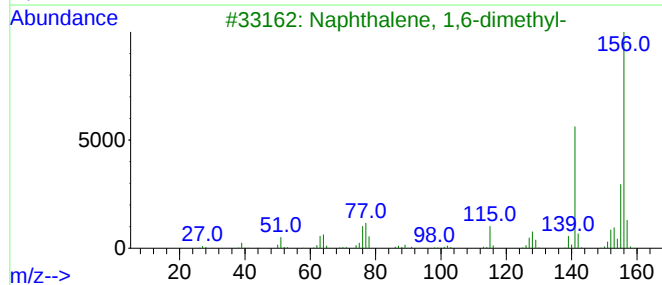
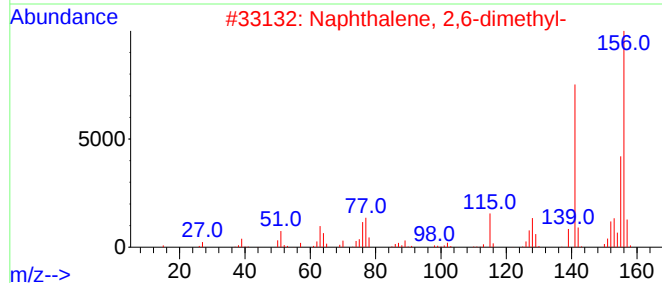
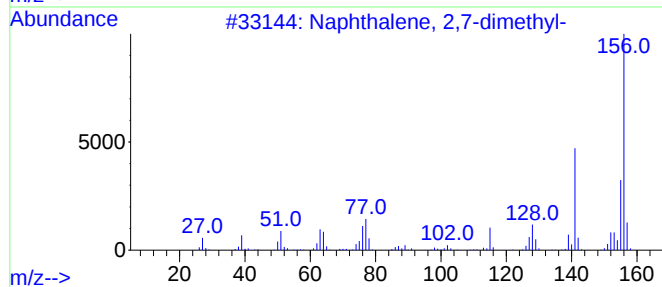
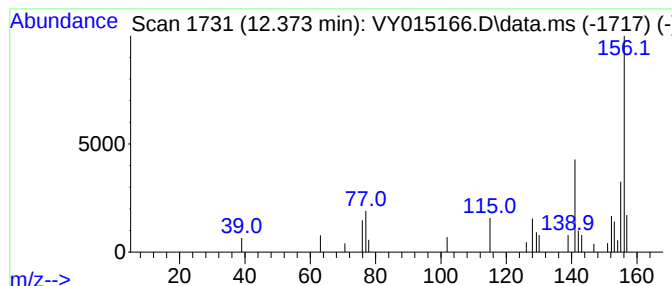
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.373	13.04 ug/l	15256	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83



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Misc : 7.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

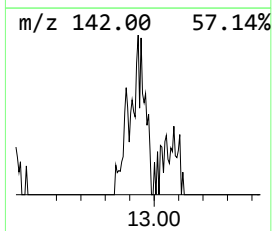
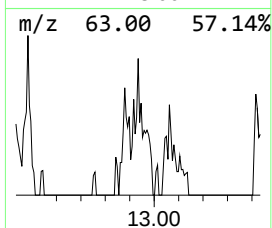
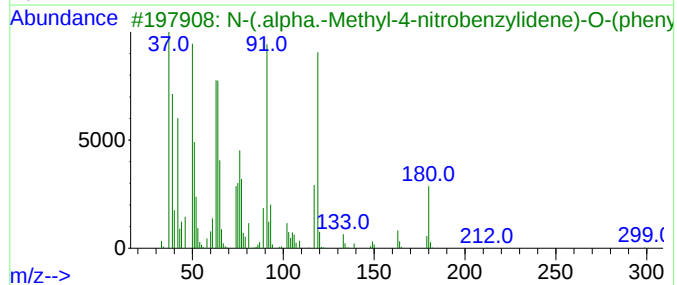
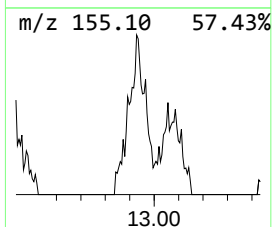
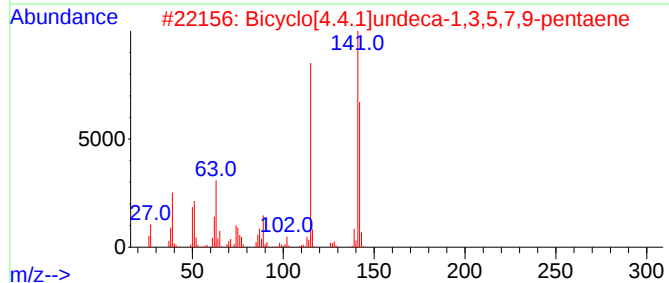
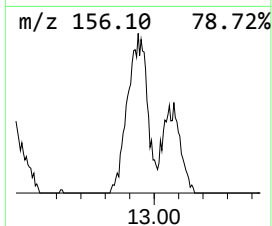
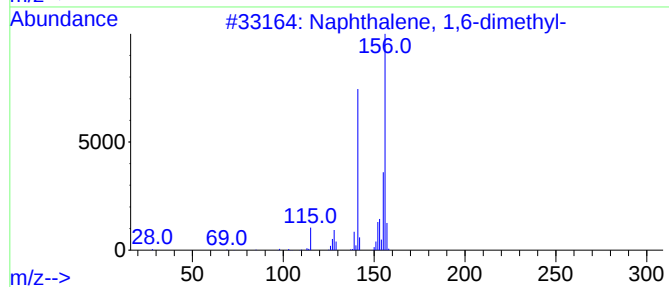
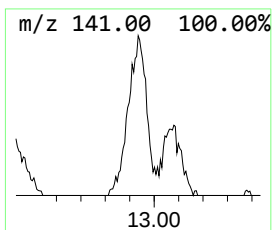
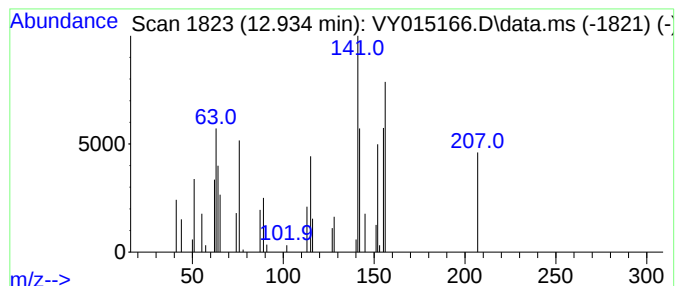
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.934 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	22.47 ug/l	26891	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	43
2			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	25
3			N-(.alpha.-Methyl-4-nitrobenzylidene...	299	C15H13N3O4	1000223-36-2	25
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	25
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	22



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Misc : 7.65g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

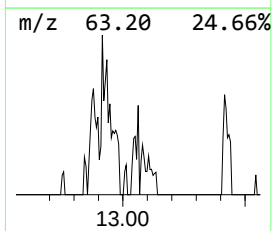
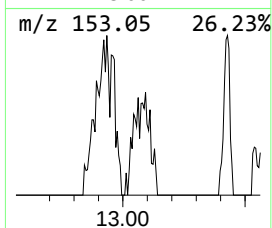
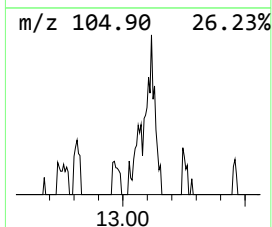
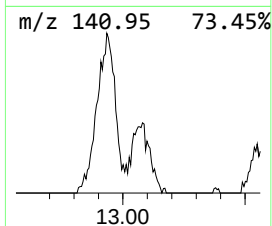
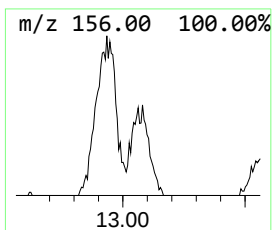
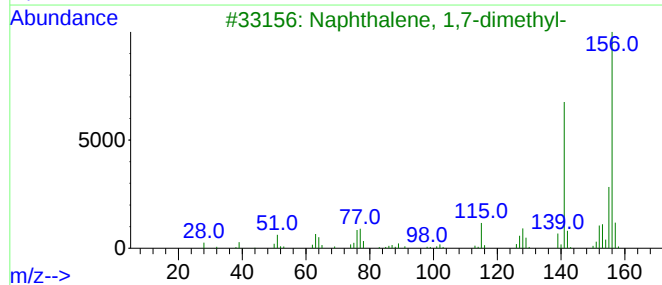
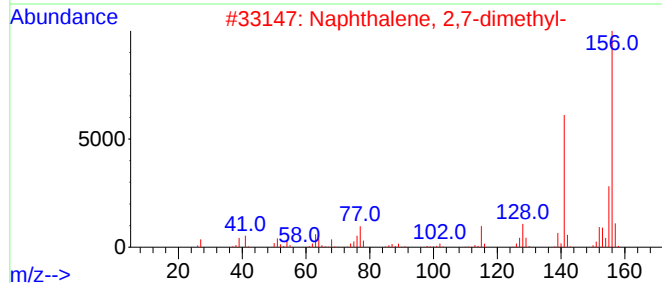
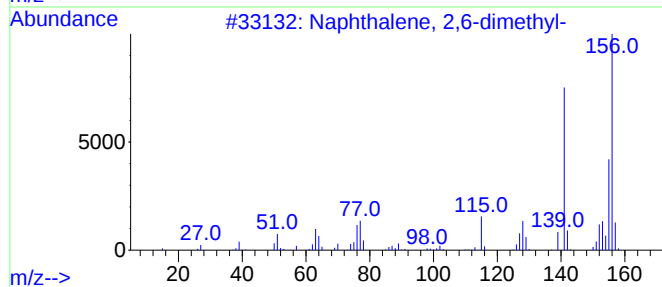
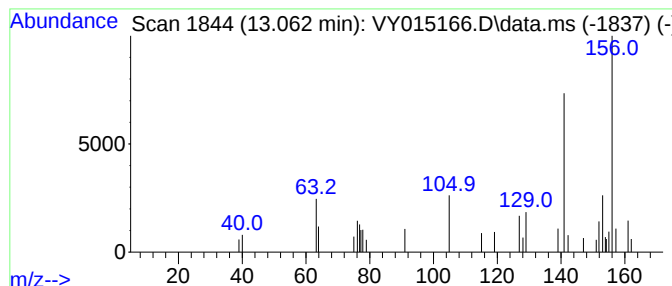
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.062	8.08 ug/l	9672	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	72
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	72
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	72
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	68
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	64



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Sample : 03958-05
Misc : 7.65g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

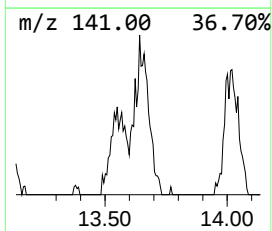
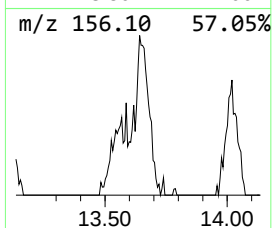
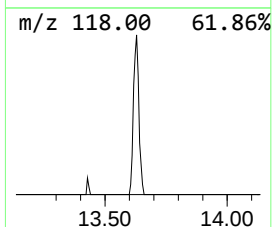
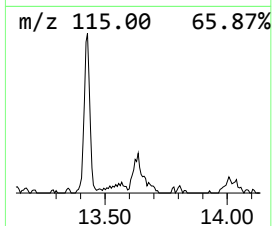
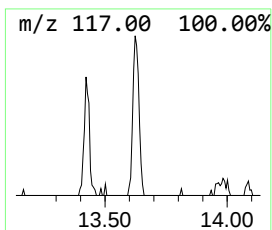
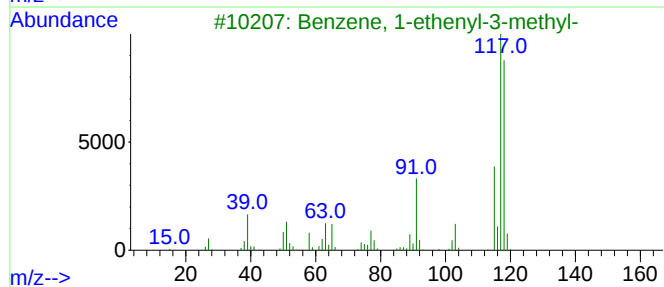
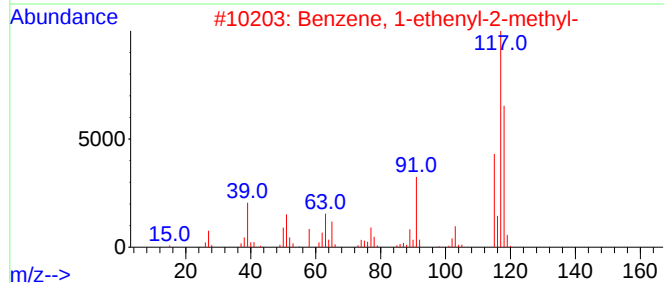
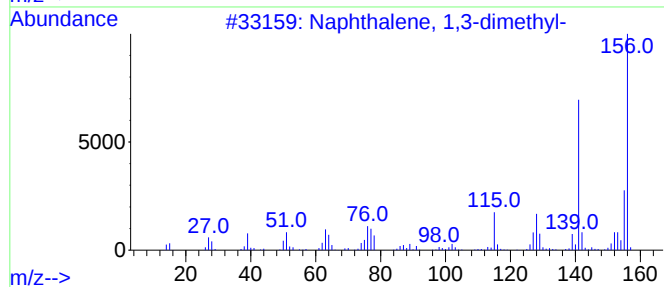
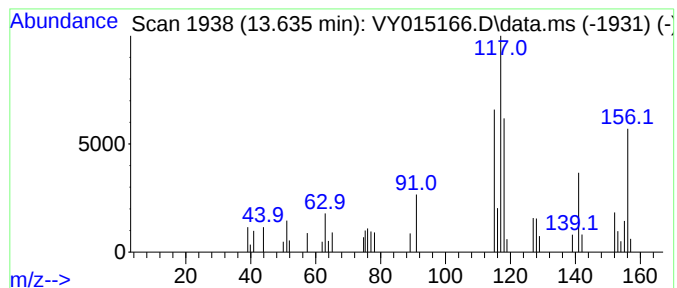
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.635	27.09 ug/l	32422	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	60
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	45
3			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	41
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	38
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015166.D
Acq On : 17 Aug 2023 12:55
Operator : SY/MD
Sample : 03958-05
Misc : 7.65g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

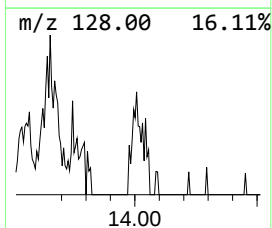
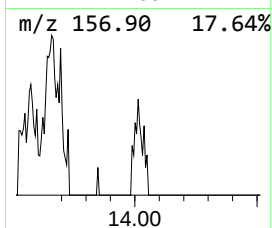
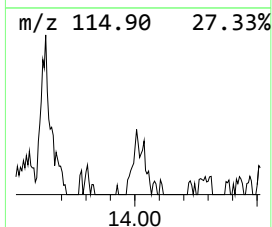
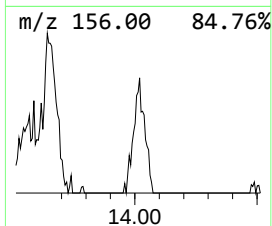
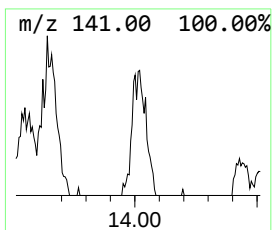
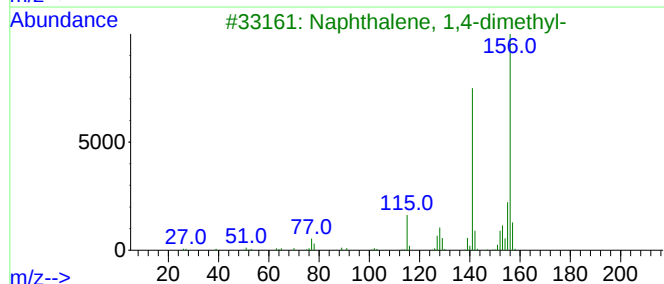
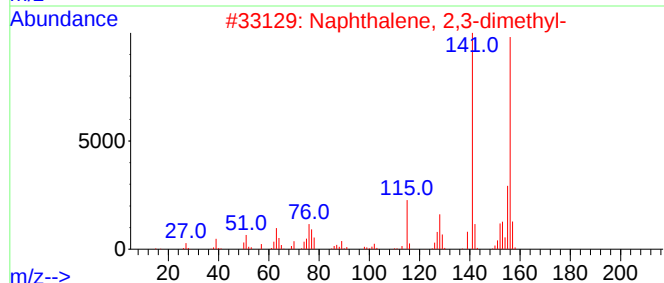
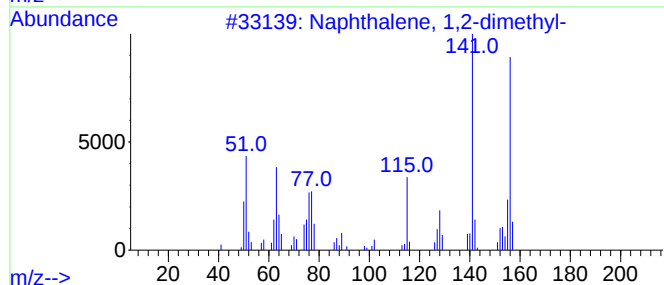
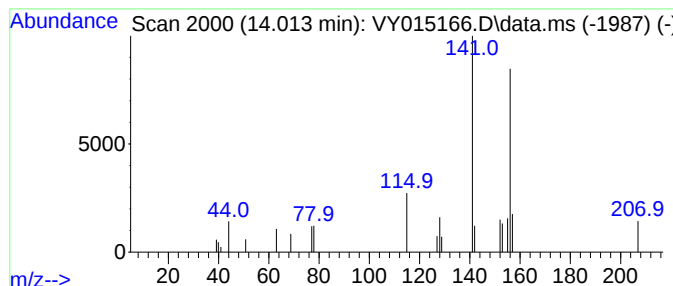
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	13.26 ug/l	15865	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015166.D
Acq On : 17 Aug 2023 12:55
Operator : SY/MD
Sample : 03958-05
Misc : 7.65g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

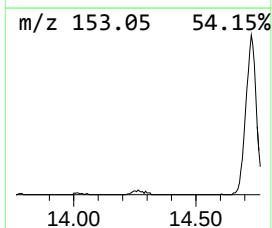
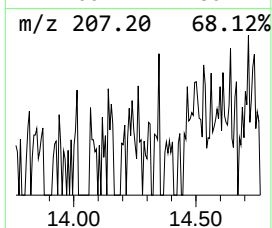
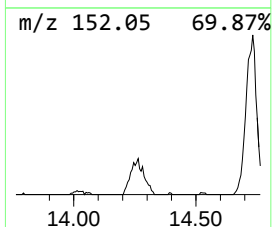
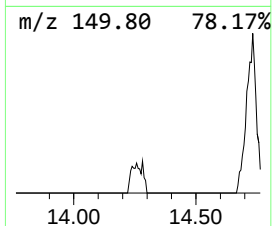
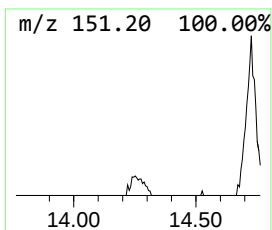
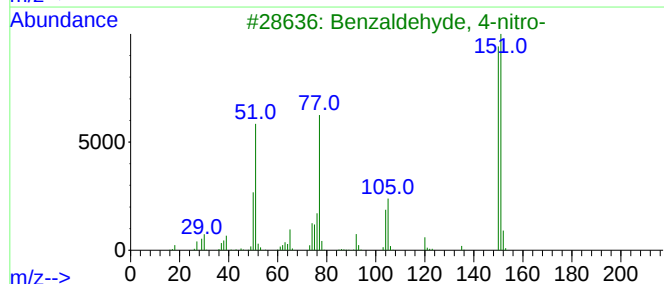
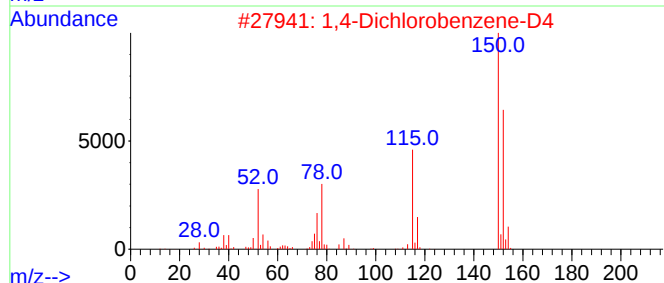
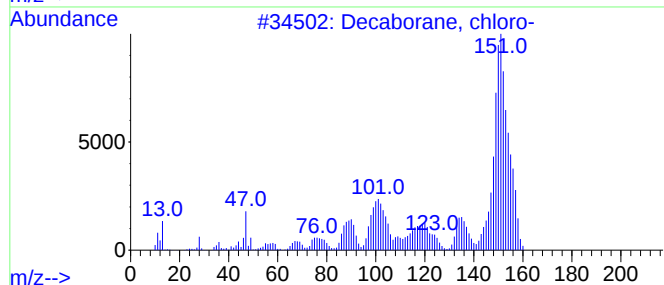
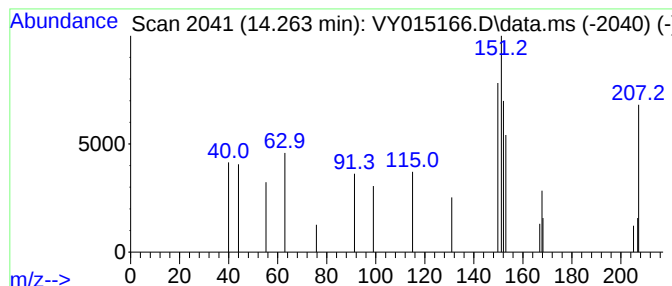
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.263 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	7.77 ug/l	9299	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decaborane, chloro-	158	B10ClH13	023777-83-5	16
2			1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	10
3			Benzaldehyde, 4-nitro-	151	C7H5NO3	000555-16-8	9
4			Benzaldehyde, 4-methoxy-, oxime	151	C8H9NO2	003235-04-9	9
5			3-Hydroxymethylbenzamide	151	C8H9NO2	126926-34-9	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015166.D
Acq On : 17 Aug 2023 12:55
Operator : SY/MD
Sample : 03958-05
Misc : 7.65g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

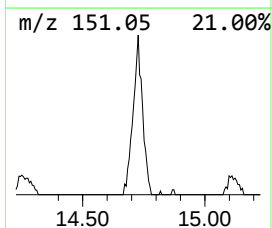
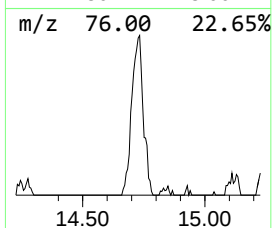
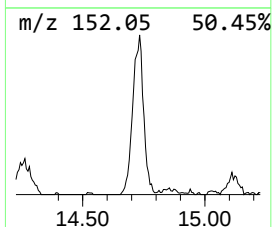
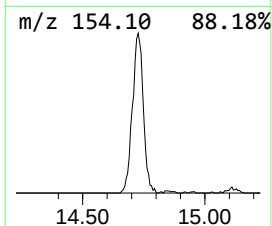
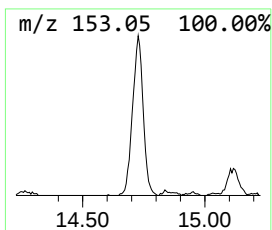
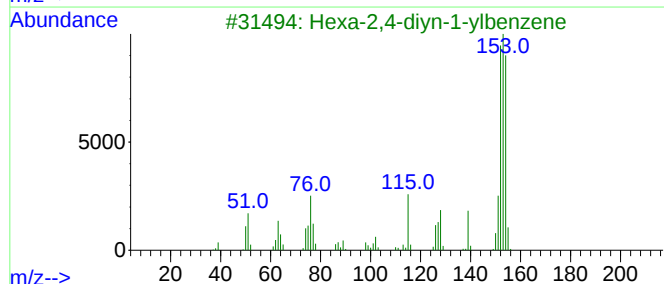
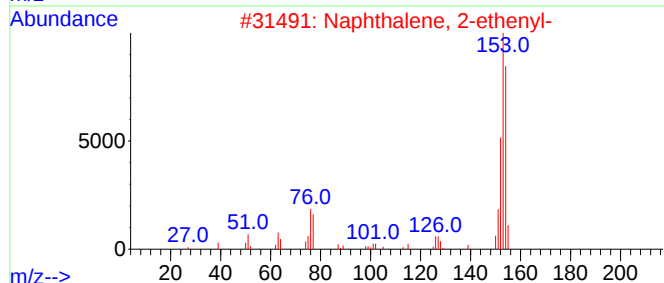
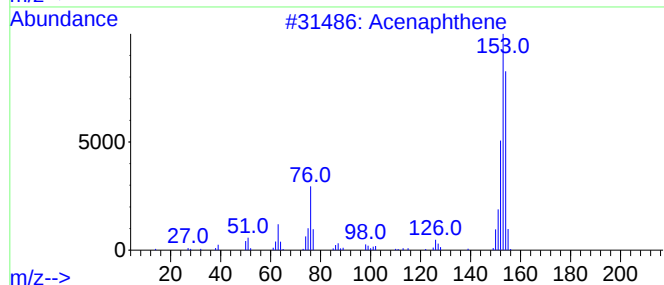
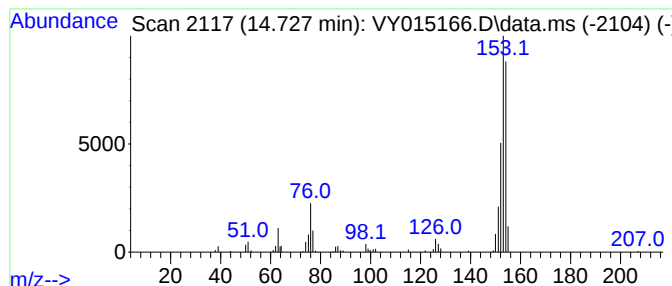
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	118.30 ug/l	141583	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3			Hexa-2,4-dien-1-ylbenzene	154	C12H10	000520-74-1	64
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015166.D
Acq On : 17 Aug 2023 12:55
Operator : SY/MD
Sample : 03958-05
Misc : 7.65g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

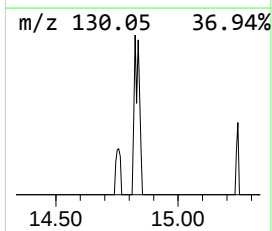
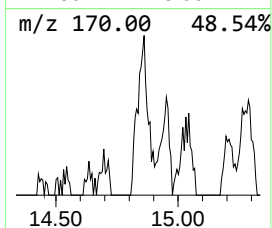
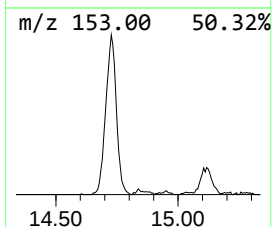
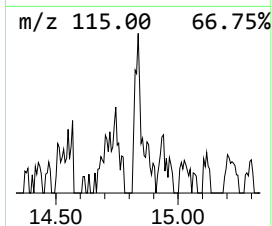
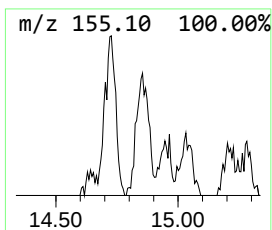
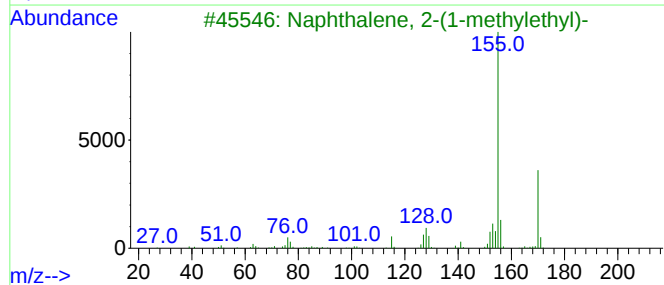
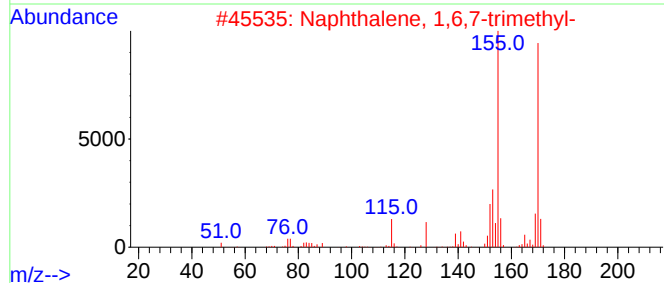
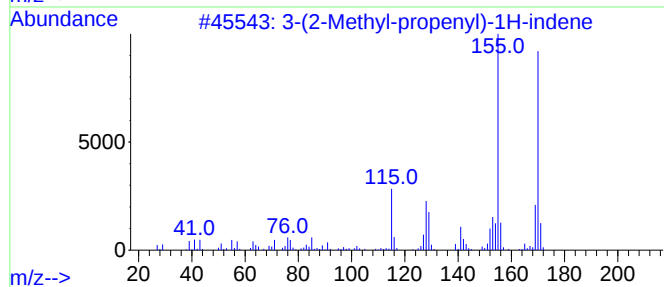
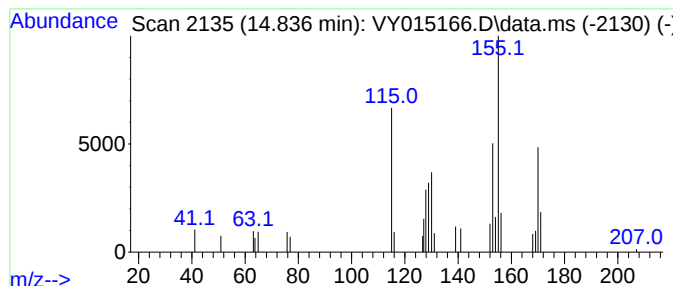
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 9 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	9.27 ug/l	11097	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	46
4			5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	40
5			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015166.D
Acq On : 17 Aug 2023 12:55
Operator : SY/MD
Sample : 03958-05
Misc : 7.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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-...	11.831	17.6	ug/l	20546	3	11.496	58491	50.0
Naphthalene, 2,...	12.373	13.0	ug/l	15256	3	11.496	58491	50.0
unknown12.934	12.934	22.5	ug/l	26891	4	13.428	59843	50.0
Naphthalene, 2,...	13.062	8.1	ug/l	9672	4	13.428	59843	50.0
Naphthalene, 1,...	13.635	27.1	ug/l	32422	4	13.428	59843	50.0
Naphthalene, 1,...	14.013	13.3	ug/l	15865	4	13.428	59843	50.0
unknown14.263	14.263	7.8	ug/l	9299	4	13.428	59843	50.0
Naphthalene, 2-...	14.727	118.3	ug/l	141583	4	13.428	59843	50.0
3-(2-Methyl-pro...	14.836	9.3	ug/l	11097	4	13.428	59843	50.0