

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023070.D
 Acq On : 13 Aug 2025 15:19
 Operator : SY/MD
 Sample : Q2819-08
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11M-E

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\82Y081225S.M
 Title : SW846 8260

Signal : TIC: VY023070.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.628	959	969	975	rBV	463794	1107748	12.48%	2.371%
2	7.707	975	982	999	rVB	672845	1548090	17.44%	3.314%
3	8.054	1030	1039	1052	rBV	408662	886812	9.99%	1.898%
4	8.609	1121	1130	1144	rBV	1234044	2377643	26.78%	5.089%
5	10.103	1367	1375	1398	rBV	1955637	3286410	37.02%	7.034%
6	11.133	1524	1544	1545	rBV2	109929	367505	4.14%	0.787%
7	11.407	1583	1589	1601	rVB	1748271	2853332	32.14%	6.107%
8	11.895	1634	1669	1670	rBV2	294246	1116340	12.57%	2.389%
9	12.401	1738	1752	1760	rBV2	1447674	2597156	29.25%	5.559%
10	12.578	1760	1781	1792	rVV	711884	3401556	38.31%	7.281%
11	12.743	1796	1808	1826	rVB2	338343	1798113	20.25%	3.849%
12	13.255	1882	1892	1900	rBV6	63530	259219	2.92%	0.555%
13	13.340	1900	1906	1911	rBV	1342708	2094650	23.59%	4.483%
14	13.541	1933	1939	1949	rVB	236205	380661	4.29%	0.815%
15	13.791	1963	1980	1990	rBV3	70761	329864	3.72%	0.706%
16	14.078	2007	2027	2039	rBV2	120343	487779	5.49%	1.044%
17	14.523	2080	2100	2116	rBV	2439773	7729947	87.07%	16.545%
18	14.651	2116	2121	2130	rVV3	42707	132840	1.50%	0.284%
19	14.913	2157	2164	2176	rVB2	65686	187666	2.11%	0.402%
20	15.138	2193	2201	2206	rVV	5572980	8878240	100.00%	19.003%
21	15.218	2206	2214	2226	rVB2	619333	1989573	22.41%	4.258%
22	16.169	2363	2370	2382	rVB	829339	1564655	17.62%	3.349%
23	16.364	2394	2402	2413	rVB	361987	733271	8.26%	1.569%
24	16.675	2436	2453	2468	rBV3	169286	611277	6.89%	1.308%

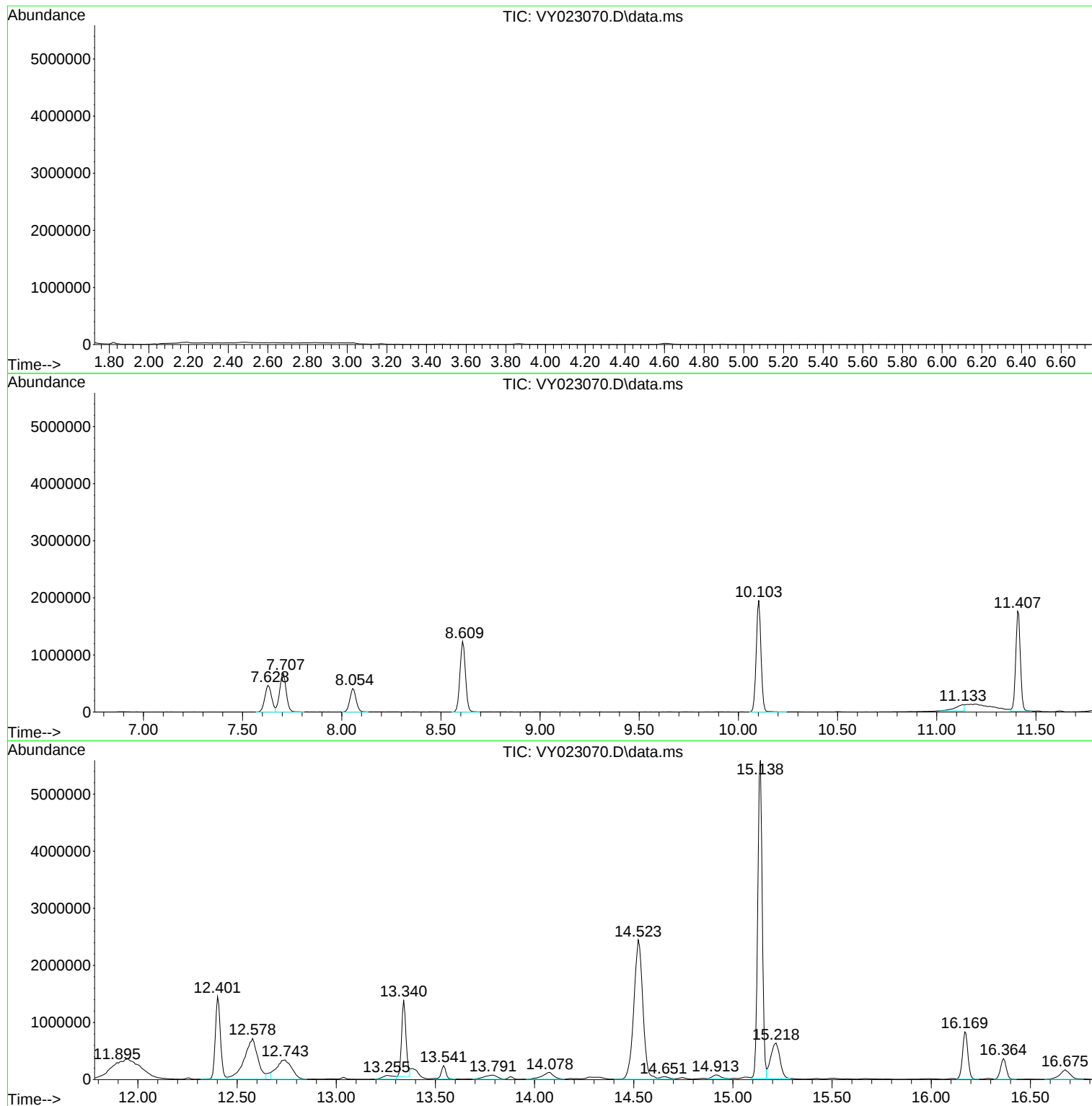
Sum of corrected areas: 46720347

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023070.D
Acq On : 13 Aug 2025 15:19
Operator : SY/MD
Sample : Q2819-08
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11M-E

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023070.D
Acq On : 13 Aug 2025 15:19
Operator : SY/MD
Sample : Q2819-08
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11M-E

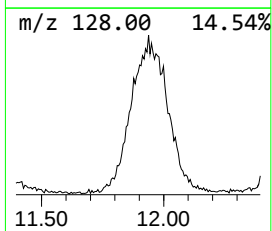
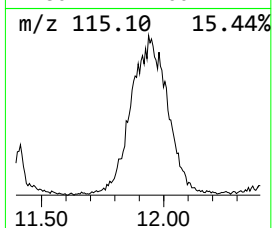
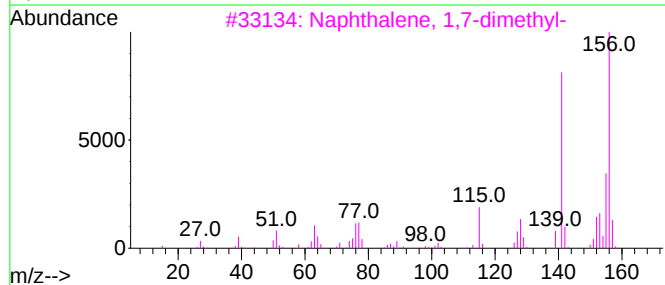
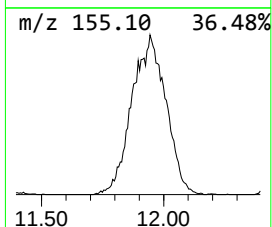
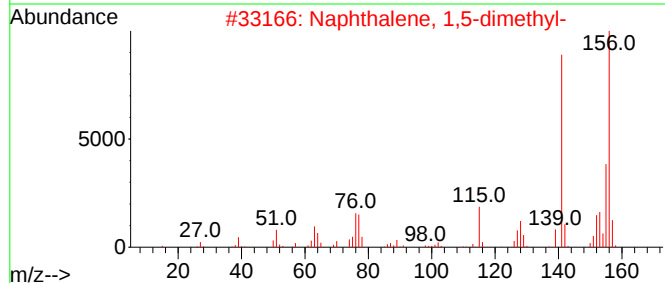
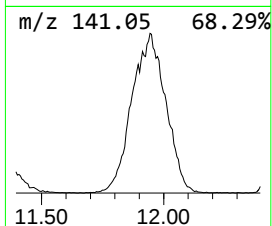
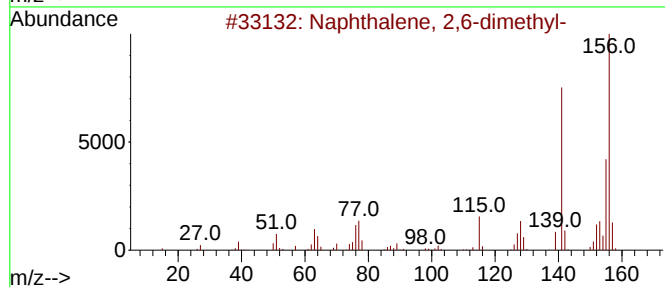
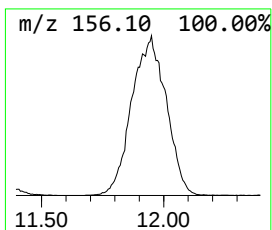
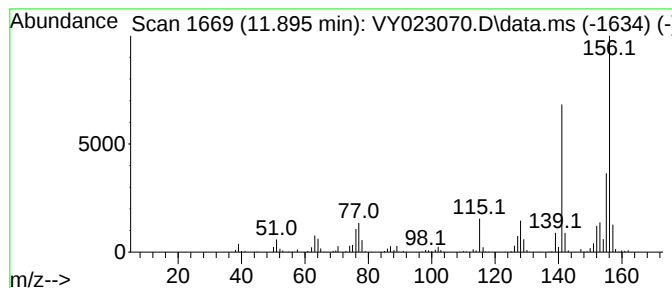
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.895	19.56 ug/l	1116340	Chlorobenzene-d5	11.407

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023070.D
Acq On : 13 Aug 2025 15:19
Operator : SY/MD
Sample : Q2819-08
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11M-E

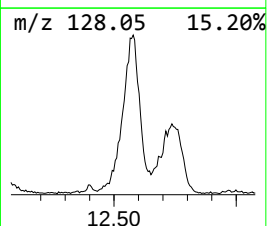
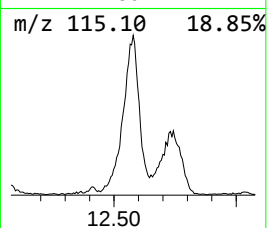
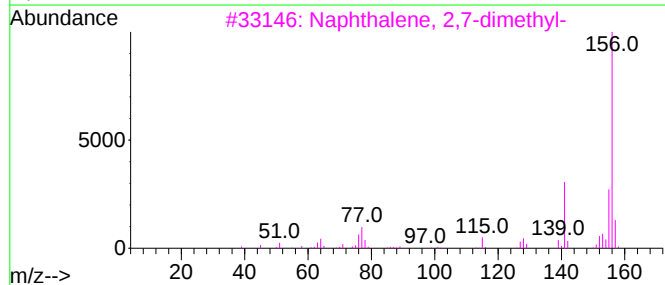
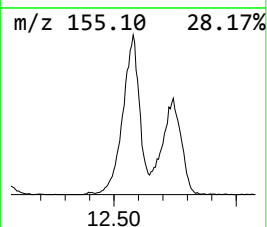
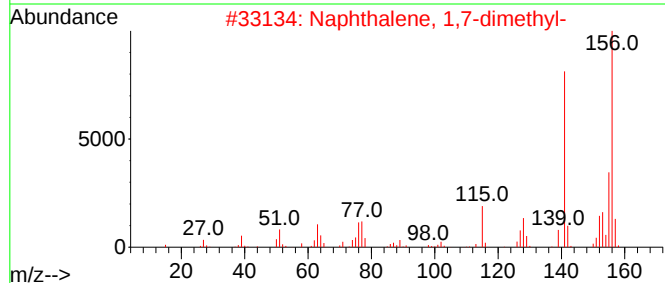
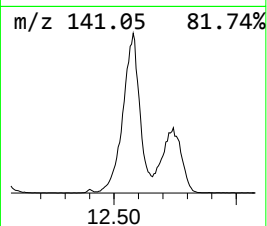
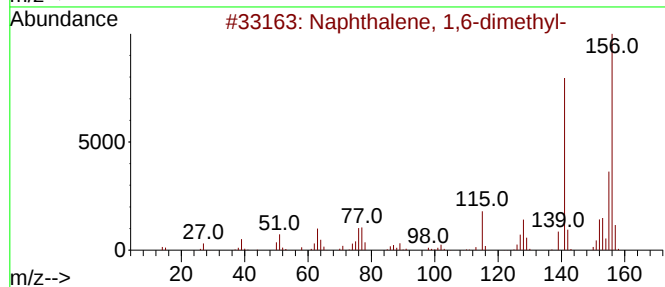
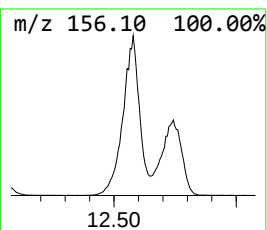
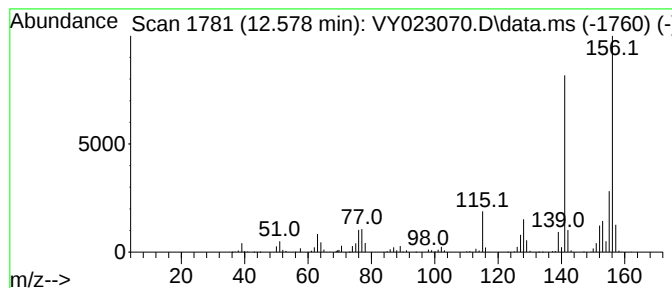
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	81.20 ug/l	3401560	1,4-Dichlorobenzene-d4	13.340

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023070.D
Acq On : 13 Aug 2025 15:19
Operator : SY/MD
Sample : Q2819-08
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11M-E

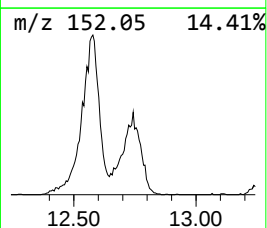
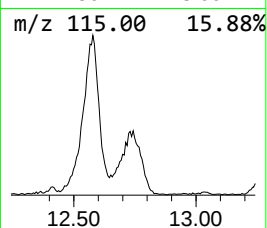
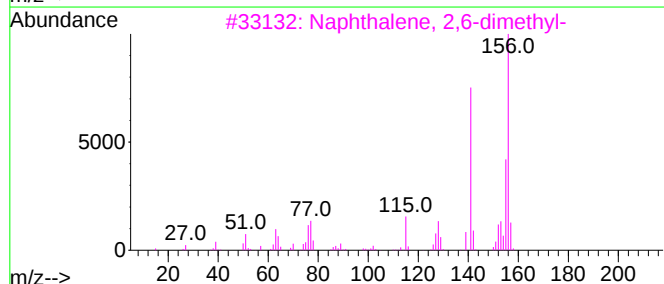
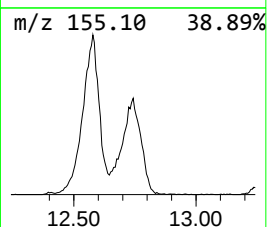
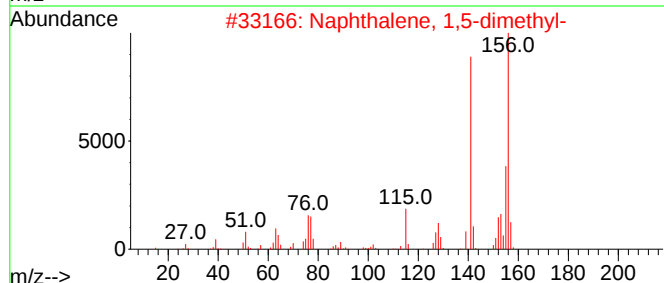
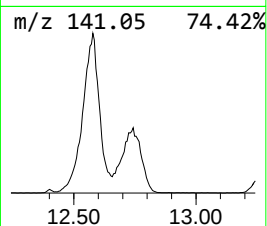
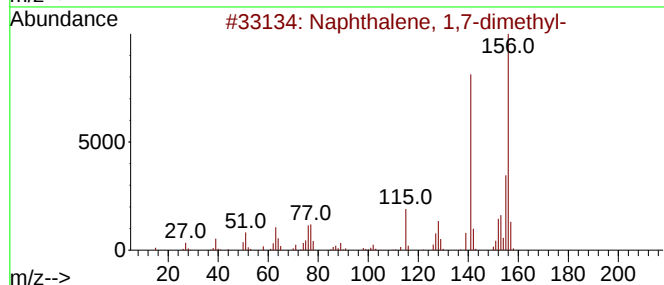
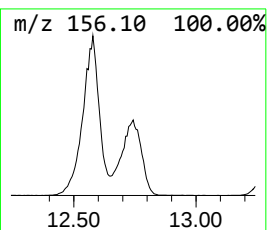
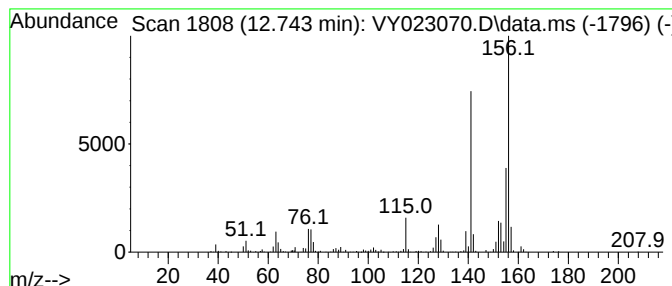
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	42.92 ug/l	1798110	1,4-Dichlorobenzene-d4	13.340

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023070.D
Acq On : 13 Aug 2025 15:19
Operator : SY/MD
Sample : Q2819-08
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11M-E

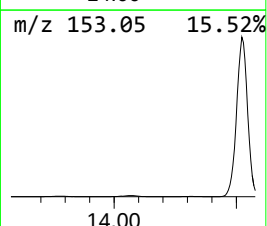
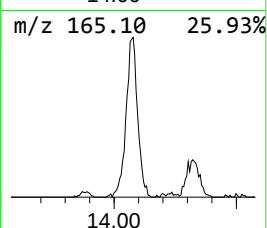
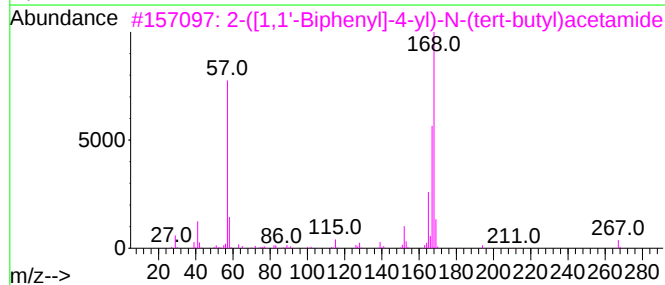
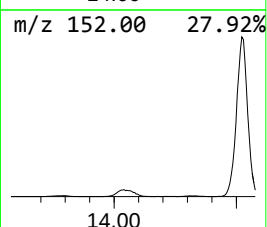
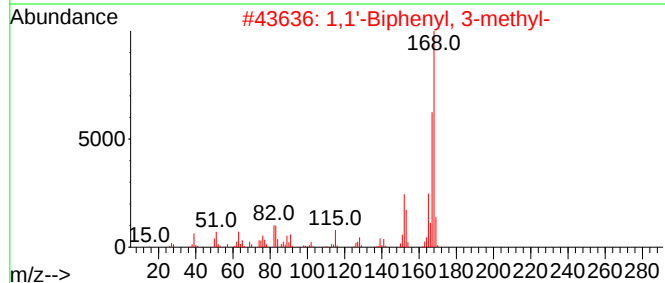
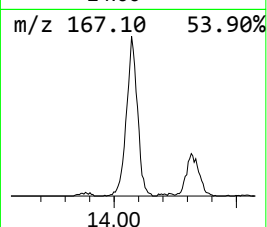
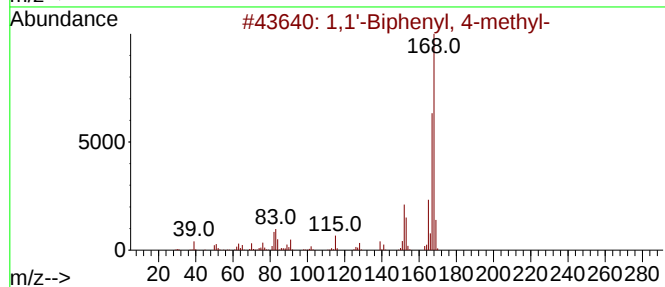
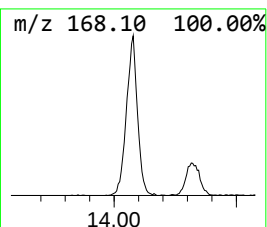
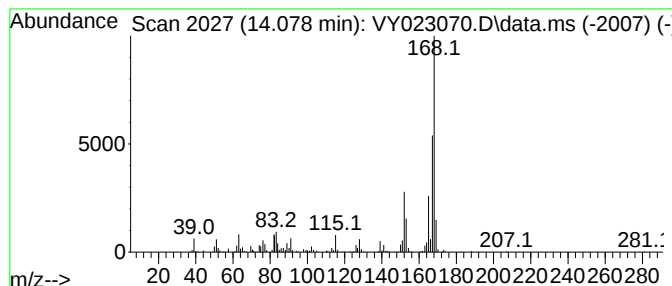
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 4 1,1'-Biphenyl, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.078	11.64 ug/l	487779	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	91
3			2-([1,1'-Biphenyl]-4-yl)-N-(tert...	267	C18H21NO	1001477-17-3	72
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5			2,4-Dimethoxy-5-pyrimidine carbo...	168	C7H8N2O3	052606-02-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023070.D
Acq On : 13 Aug 2025 15:19
Operator : SY/MD
Sample : Q2819-08
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11M-E

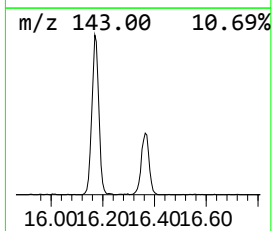
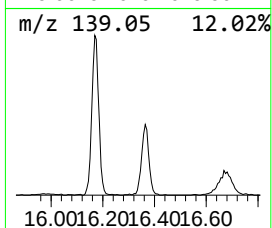
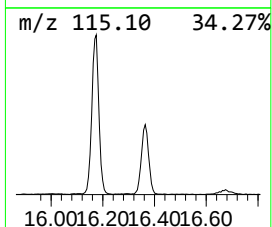
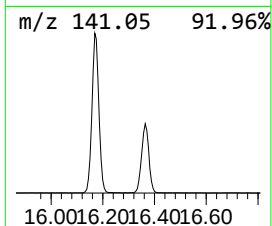
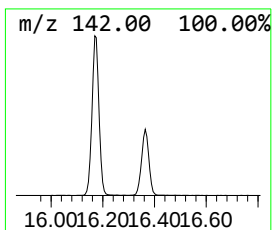
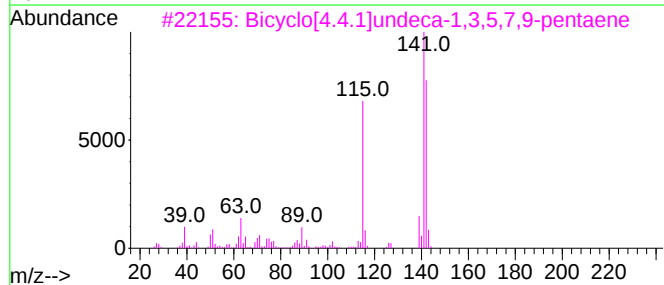
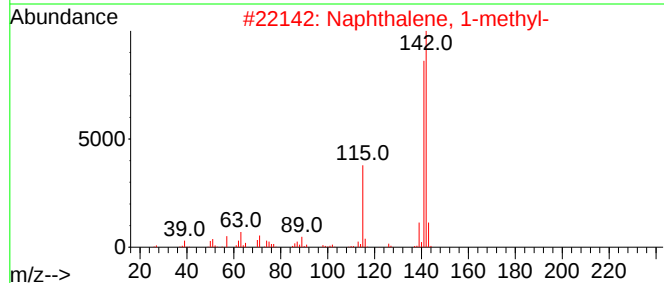
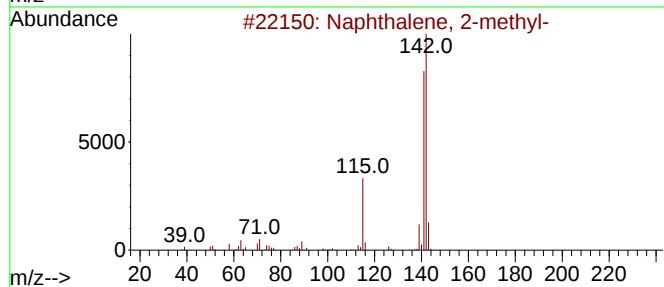
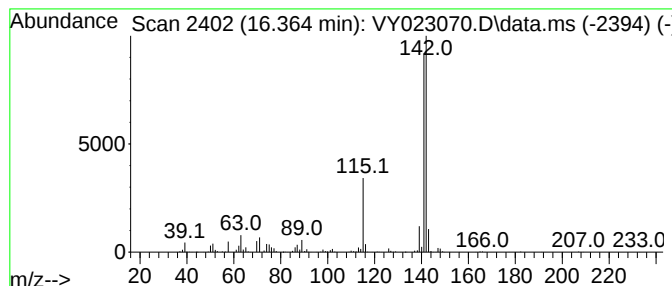
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	17.50 ug/l	733271	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023070.D
Acq On : 13 Aug 2025 15:19
Operator : SY/MD
Sample : Q2819-08
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11M-E

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	11.895	19.6	ug/l	1116340	3	11.407	2853330	50.0
Naphthalene, 1,...	12.578	81.2	ug/l	3401560	4	13.340	2094650	50.0
Naphthalene, 1,...	12.743	42.9	ug/l	1798110	4	13.340	2094650	50.0
1,1'-Biphenyl, ...	14.078	11.6	ug/l	487779	4	13.340	2094650	50.0
Naphthalene, 1-...	16.364	17.5	ug/l	733271	4	13.340	2094650	50.0