

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014937.D
 Acq On : 02 Aug 2023 17:40
 Operator : SY/MD
 Sample : 03849-01
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GROVE-SOIL-0731

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	462	473	491	rBV2	57709	183033	15.21%	1.862%
2	5.740	631	643	658	rBV	34885	110507	9.18%	1.124%
3	6.978	838	846	858	rBV2	9727	35216	2.93%	0.358%
4	7.710	956	966	972	rBV	167724	399343	33.19%	4.063%
5	7.783	972	978	992	rVB	285396	634708	52.75%	6.458%
6	8.136	1026	1036	1047	rBV	180462	406073	33.75%	4.132%
7	8.685	1117	1126	1137	rBV	447081	868360	72.17%	8.836%
8	10.173	1363	1370	1378	rBV	698367	1203277	100.00%	12.244%
9	10.240	1378	1381	1388	rVB3	9286	18516	1.54%	0.188%
10	10.575	1430	1436	1443	rVB3	11249	22113	1.84%	0.225%
11	10.941	1491	1496	1504	rVB2	11334	20236	1.68%	0.206%
12	11.483	1578	1585	1595	rBV	690235	1123136	93.34%	11.428%
13	12.105	1683	1687	1699	rVB5	14302	38647	3.21%	0.393%
14	12.373	1716	1731	1732	rBV3	39245	139266	11.57%	1.417%
15	12.477	1740	1748	1757	rVB2	616039	1111838	92.40%	11.313%
16	12.623	1767	1772	1783	rVB	28562	67410	5.60%	0.686%
17	12.922	1799	1821	1834	rBV3	125193	778181	64.67%	7.918%
18	13.062	1835	1844	1858	rVB3	105895	379102	31.51%	3.858%
19	13.172	1858	1862	1869	rVB2	19546	33088	2.75%	0.337%
20	13.276	1871	1879	1885	rBV2	54971	108811	9.04%	1.107%
21	13.422	1895	1903	1908	rBV	739820	1139104	94.67%	11.591%
22	13.477	1908	1912	1917	rVV2	24467	49164	4.09%	0.500%
23	13.641	1932	1939	1954	rVB4	54922	179200	14.89%	1.823%
24	13.965	1987	1992	1994	rBV	12686	23518	1.95%	0.239%
25	14.007	1994	1999	2008	rVB4	24014	73309	6.09%	0.746%
26	14.257	2027	2040	2050	rBV7	18348	75429	6.27%	0.768%
27	14.410	2062	2065	2075	rVB7	5000	13904	1.16%	0.141%
28	14.714	2104	2115	2125	rVB3	35761	134110	11.15%	1.365%
29	14.842	2129	2136	2139	rBV5	11684	27735	2.30%	0.282%
30	15.031	2160	2167	2175	rBV8	8380	23918	1.99%	0.243%
31	15.233	2187	2200	2204	rBV2	32496	86235	7.17%	0.877%
32	15.312	2209	2213	2218	rVV2	33332	57944	4.82%	0.590%
33	15.403	2218	2228	2238	rVB6	20440	69441	5.77%	0.707%
34	15.720	2270	2280	2291	rVB5	17963	70235	5.84%	0.715%
35	15.891	2302	2308	2319	rVB10	8740	29374	2.44%	0.299%
36	16.287	2368	2373	2381	rVB2	17373	35444	2.95%	0.361%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

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\82Y071323S.M
Title : SW846 8260

37	16.482	2397	2405	2412	rBV3	25291	58658	4.87%	0.597%
----	--------	------	------	------	------	-------	-------	-------	--------

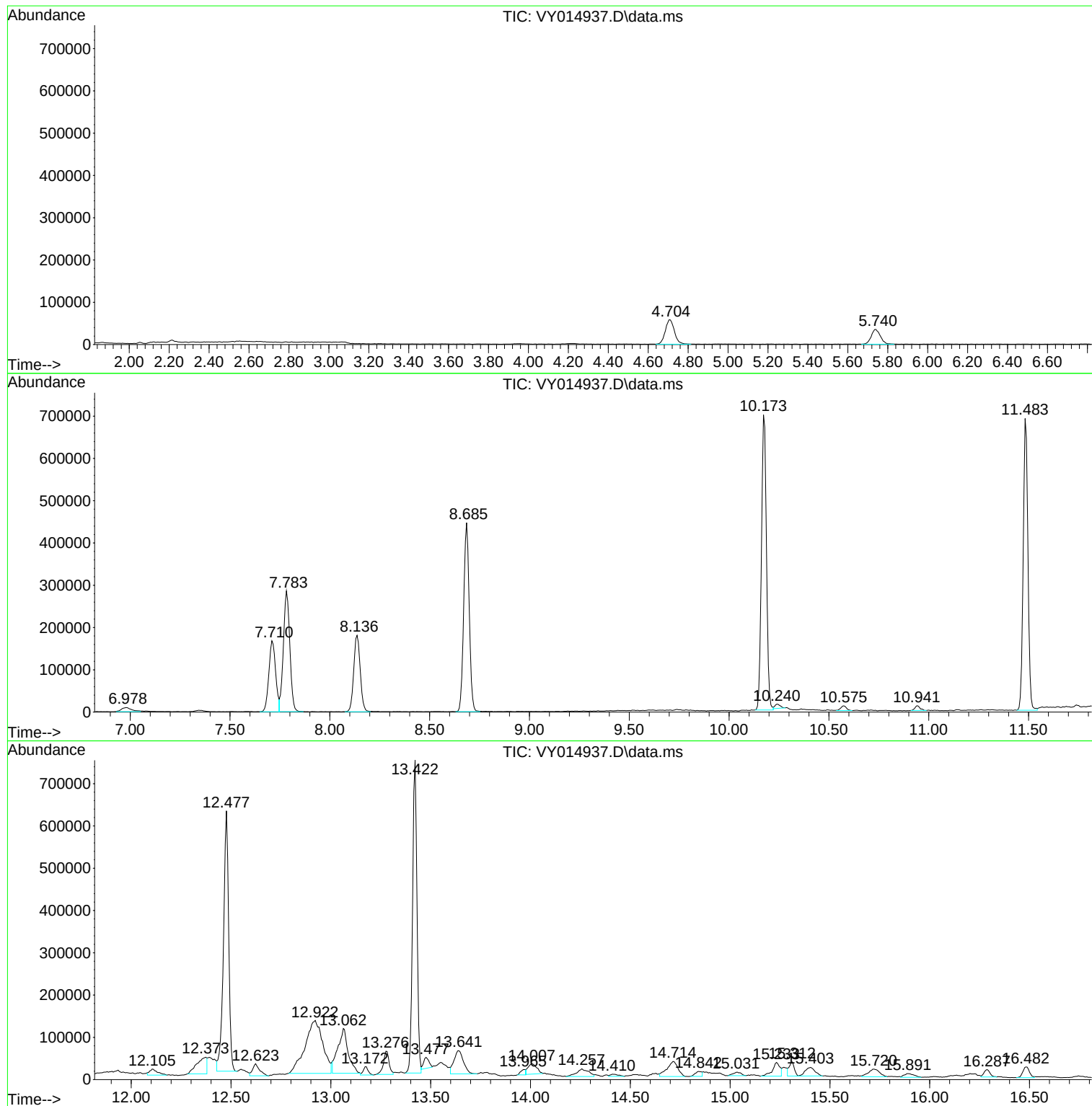
Sum of corrected areas: 9827583

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

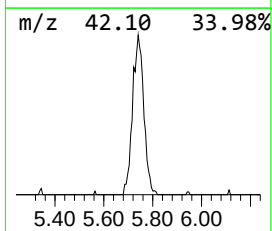
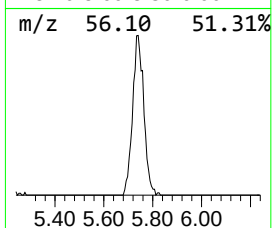
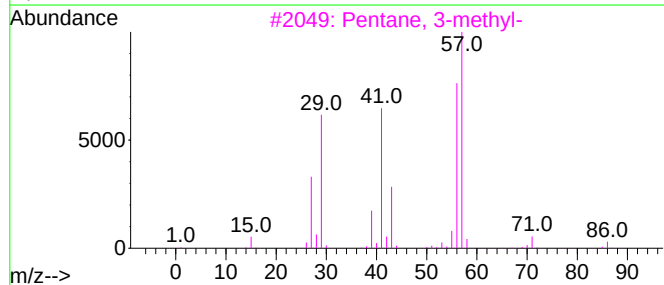
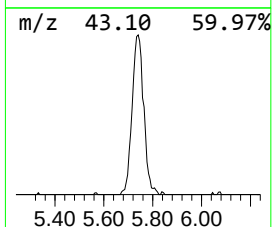
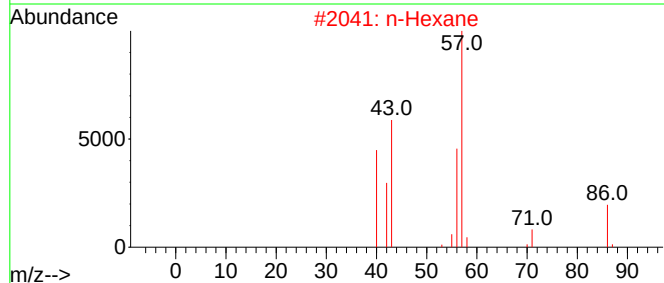
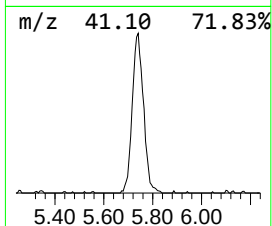
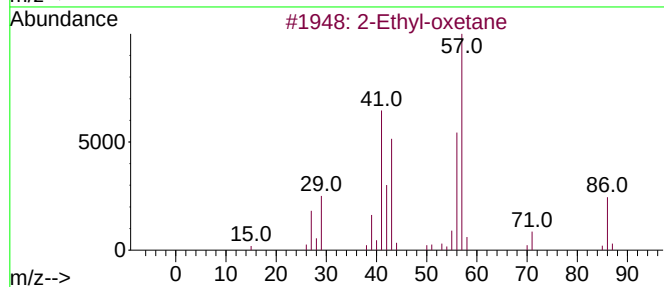
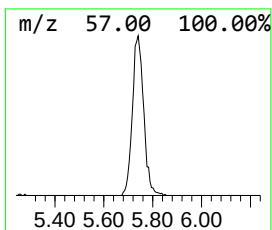
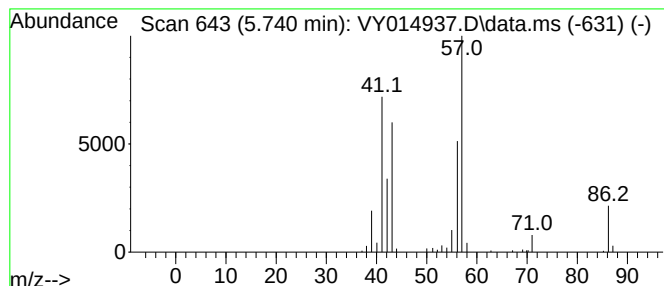
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.740	8.71 ug/l	110507	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
2			n-Hexane	86	C6H14	000110-54-3	86
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	40
4			Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
5			Oxirane, 2-methyl-3-(1-methyleth...	100	C6H12O	001192-31-0	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

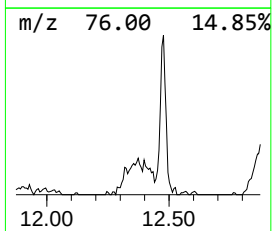
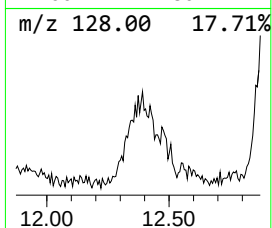
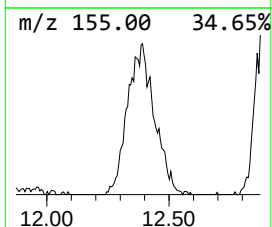
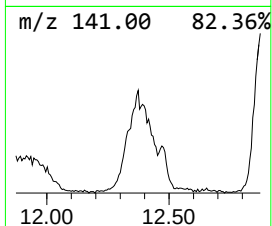
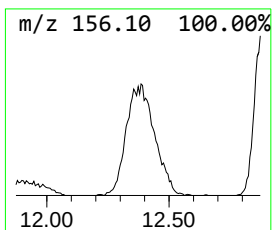
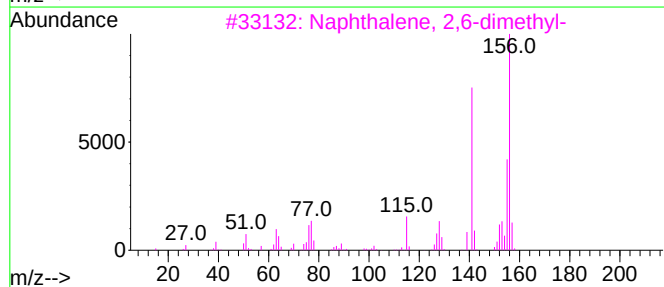
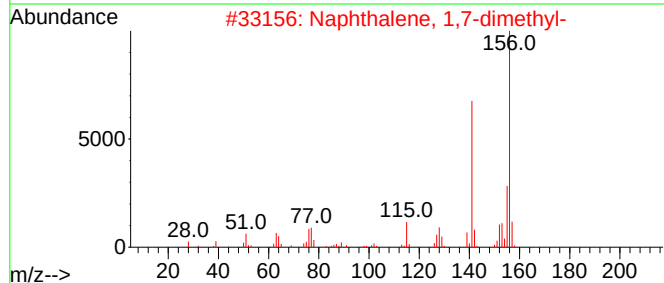
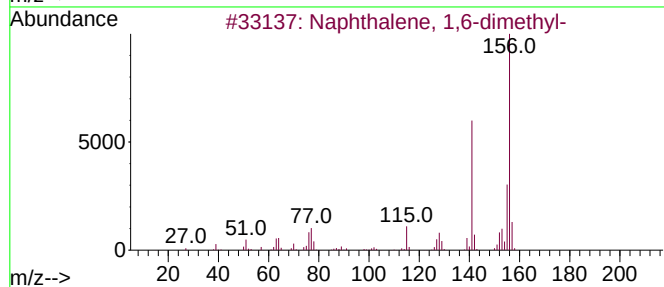
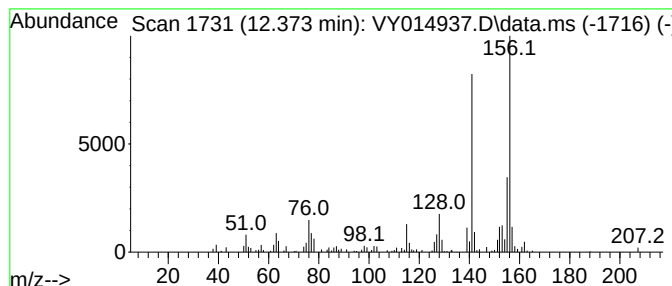
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.373	6.20 ug/l	139266	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

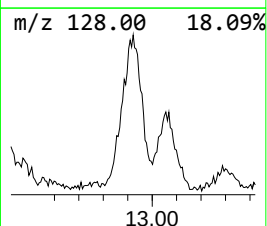
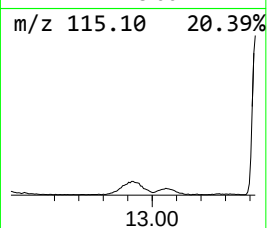
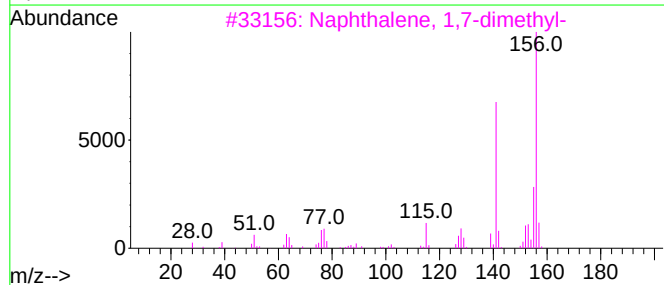
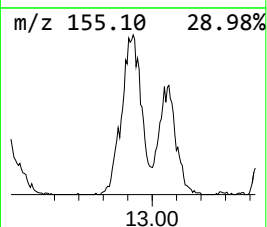
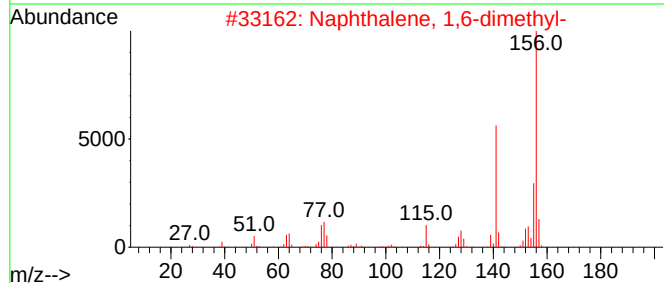
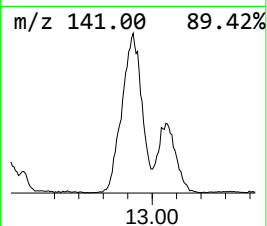
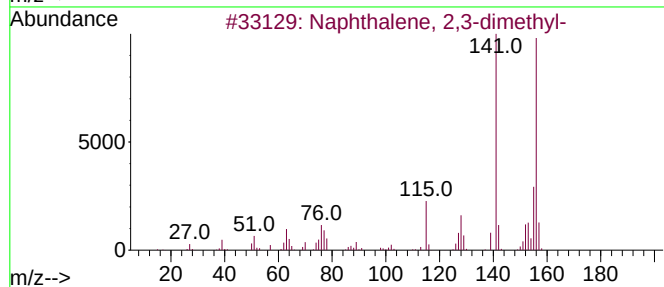
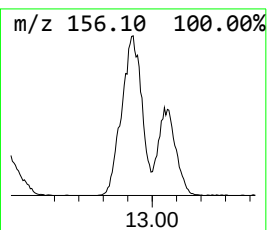
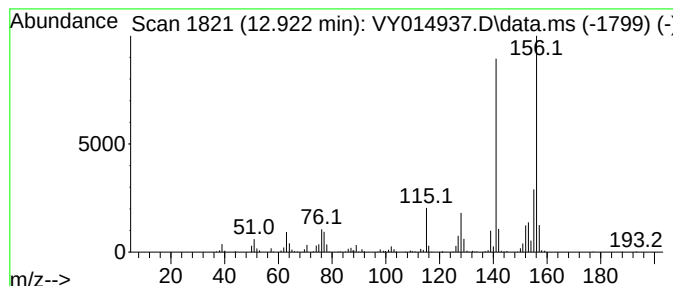
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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.
12.922	34.16 ug/l	778181	1,4-Dichlorobenzene-d4	13.422

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	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

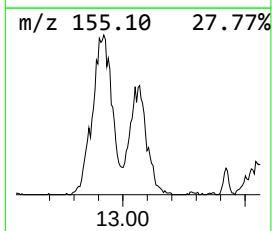
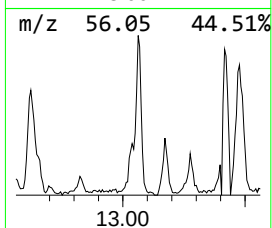
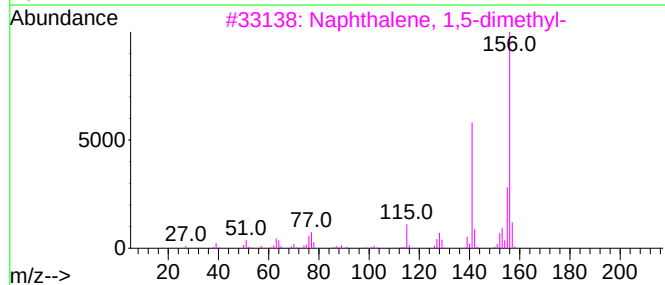
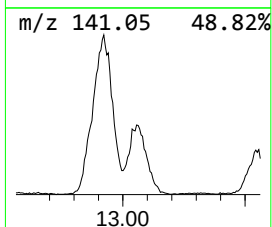
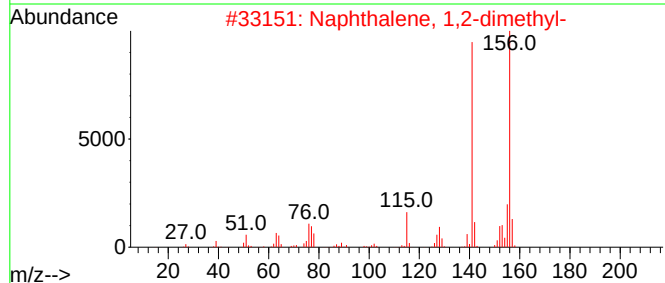
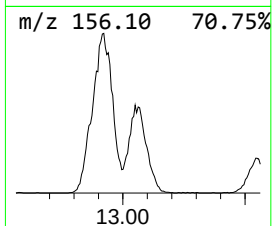
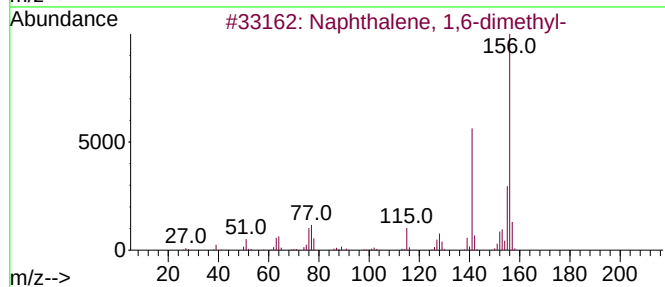
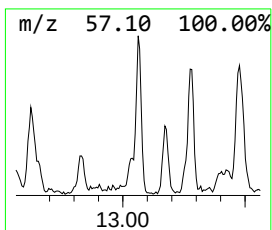
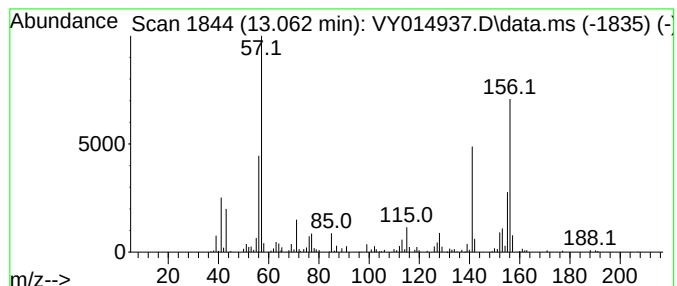
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.062	16.64 ug/l	379102	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

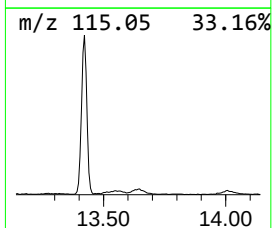
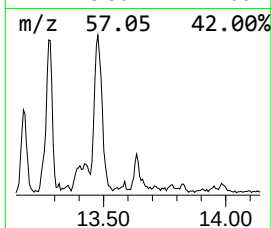
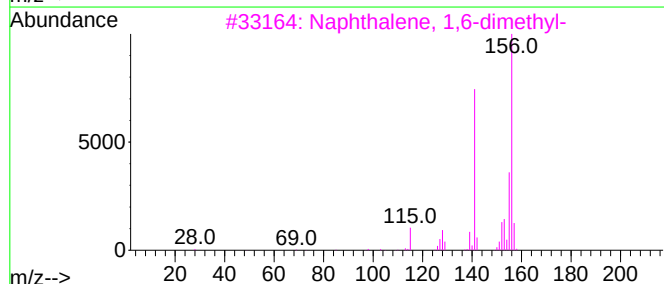
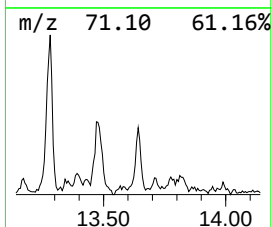
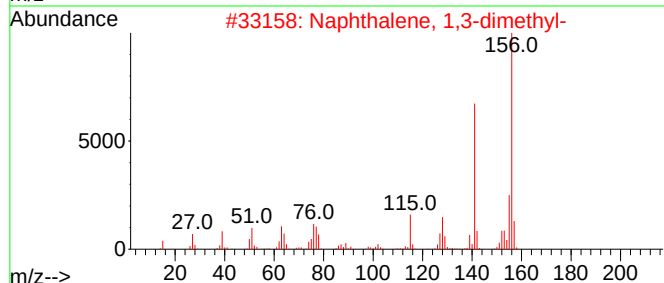
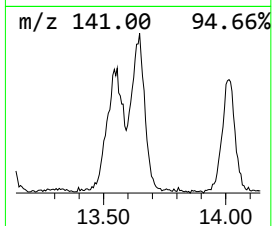
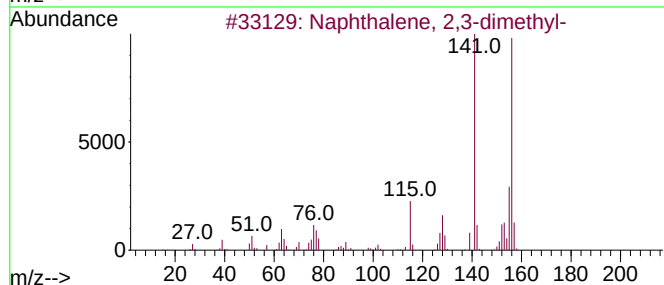
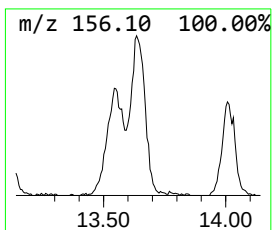
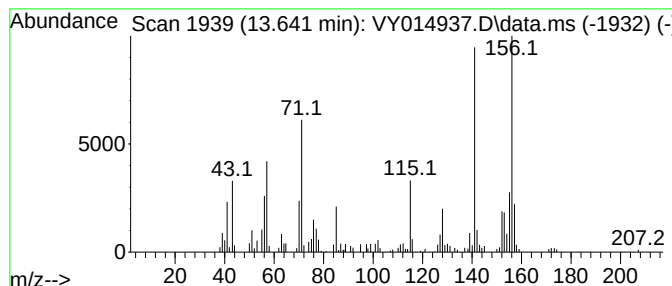
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	7.87 ug/l	179200	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

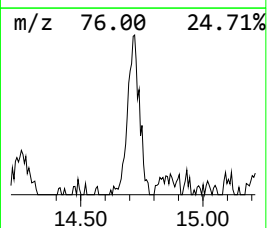
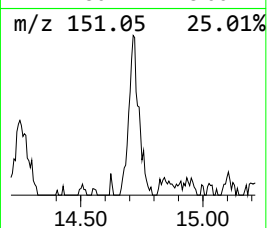
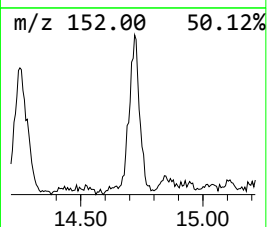
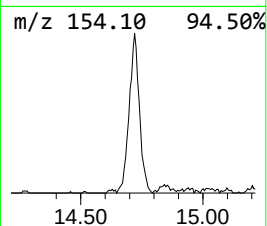
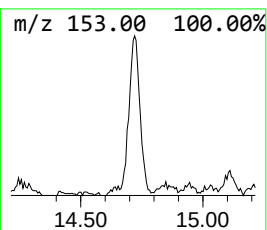
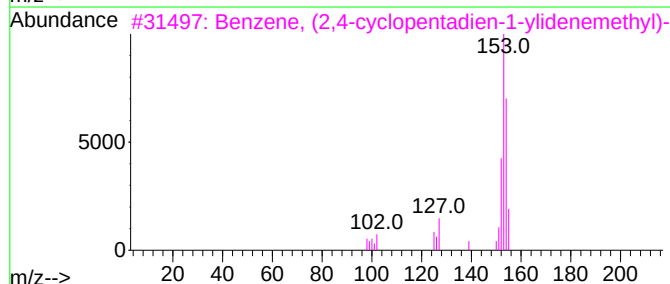
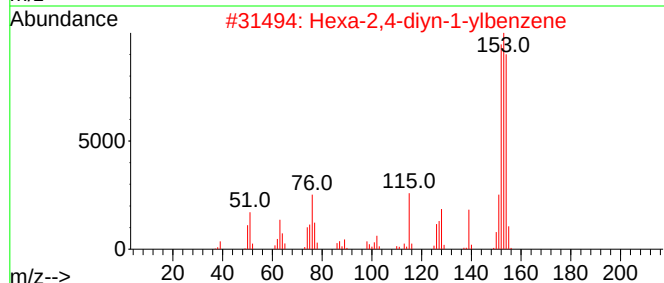
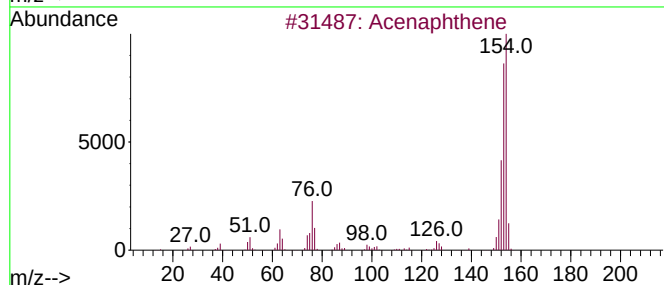
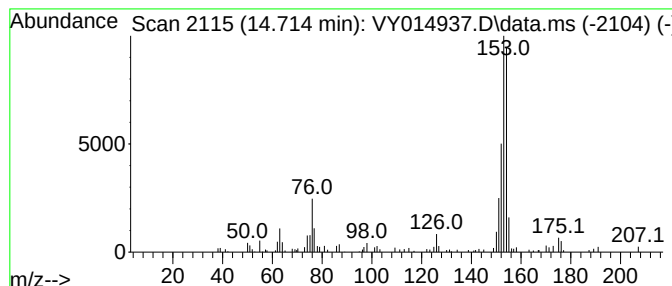
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 6 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	5.89 ug/l	134110	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	62
3			Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	53
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
Data File : VY014937.D
Acq On : 02 Aug 2023 17:40
Operator : SY/MD
Sample : 03849-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GROVE-SOIL-0731

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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
2-Ethyl-oxetane	5.740	8.7	ug/l	110507	1	7.783	634708	50.0
Naphthalene, 1,...	12.373	6.2	ug/l	139266	3	11.483	1123140	50.0
Naphthalene, 2,...	12.922	34.2	ug/l	778181	4	13.422	1139100	50.0
Naphthalene, 1,...	13.062	16.6	ug/l	379102	4	13.422	1139100	50.0
Naphthalene, 1,...	13.641	7.9	ug/l	179200	4	13.422	1139100	50.0
Hexa-2,4-diyn-1...	14.714	5.9	ug/l	134110	4	13.422	1139100	50.0