

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015866.D
 Acq On : 06 Oct 2023 16:46
 Operator : SY/MD
 Sample : 04767-07
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1(0-5)

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\82Y100523S.M

Title : SW846 8260

Signal : TIC: VY015866.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	86	93	100	rBV2	7730	16510	1.14%	0.121%
2	3.966	341	352	366	rBV	14483	52138	3.59%	0.382%
3	4.710	461	474	489	rBV2	38324	121950	8.40%	0.894%
4	6.996	840	849	859	rBV	6204	19252	1.33%	0.141%
5	7.715	957	967	972	rBV	141438	339359	23.37%	2.488%
6	7.782	972	978	994	rVB	326046	740573	51.00%	5.429%
7	8.136	1027	1036	1050	rBV	212562	481388	33.15%	3.529%
8	8.685	1117	1126	1136	rBV	517563	1006889	69.34%	7.381%
9	10.178	1363	1371	1378	rBV	815139	1392344	95.88%	10.206%
10	10.239	1378	1381	1389	rVB	12295	21563	1.48%	0.158%
11	11.489	1578	1586	1594	rBV	757654	1222081	84.15%	8.958%
12	11.696	1611	1620	1624	rBV2	11080	28644	1.97%	0.210%
13	12.391	1720	1734	1743	rBV4	42734	256998	17.70%	1.884%
14	12.477	1743	1748	1763	rVB	614630	1056625	72.76%	7.746%
15	12.641	1767	1775	1785	rVB10	7786	30867	2.13%	0.226%
16	12.806	1798	1802	1806	rBV5	12981	21673	1.49%	0.159%
17	12.940	1808	1824	1834	rBV2	83724	401021	27.61%	2.940%
18	13.068	1837	1845	1850	rBV4	46338	148472	10.22%	1.088%
19	13.422	1897	1903	1912	rVB	718412	1093703	75.31%	8.017%
20	13.525	1916	1920	1922	rBV3	10465	15623	1.08%	0.115%
21	13.629	1932	1937	1939	rBV3	30482	53917	3.71%	0.395%
22	13.751	1951	1957	1974	rVB9	50927	197012	13.57%	1.444%
23	13.958	1975	1991	1998	rBV6	65201	293051	20.18%	2.148%
24	14.080	2008	2011	2016	rVB	15941	21452	1.48%	0.157%
25	14.251	2028	2039	2050	rBV2	106011	424995	29.27%	3.115%
26	14.379	2056	2060	2063	rBV4	12912	18344	1.26%	0.134%
27	14.415	2063	2066	2075	rVB6	17654	36695	2.53%	0.269%
28	14.525	2078	2084	2087	rBV6	19160	38023	2.62%	0.279%
29	14.562	2087	2090	2095	rBV3	13557	21562	1.48%	0.158%
30	14.611	2095	2098	2102	rVB	32900	41914	2.89%	0.307%
31	14.684	2102	2110	2114	rBV3	52798	150531	10.37%	1.103%
32	14.836	2129	2135	2139	rBV4	28033	64082	4.41%	0.470%
33	14.946	2148	2153	2163	rVB4	38819	91977	6.33%	0.674%
34	15.056	2164	2171	2176	rVB4	41609	95528	6.58%	0.700%
35	15.232	2190	2200	2206	rBV	841165	1452191	100.00%	10.645%
36	15.293	2206	2210	2213	rVV2	37467	66870	4.60%	0.490%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015866.D
 Acq On : 06 Oct 2023 16:46
 Operator : SY/MD
 Sample : 04767-07
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1(0-5)

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\82Y100523S.M
 Title : SW846 8260

37	15.336	2213	2217	2222	rVV4	37398	85610	5.90%	0.628%
38	15.397	2223	2227	2228	rVV3	38363	59561	4.10%	0.437%
39	15.434	2230	2233	2242	rVB5	65562	120454	8.29%	0.883%
40	15.525	2242	2248	2255	rBV3	39605	76828	5.29%	0.563%
41	15.604	2257	2261	2265	rVB5	10911	16882	1.16%	0.124%
42	15.690	2265	2275	2277	rBV5	32275	86735	5.97%	0.636%
43	15.726	2277	2281	2290	rVB3	69266	131231	9.04%	0.962%
44	15.818	2291	2296	2300	rBV3	19299	32017	2.20%	0.235%
45	15.885	2301	2307	2314	rBV6	37846	98077	6.75%	0.719%
46	16.031	2324	2331	2336	rBV2	51873	107973	7.44%	0.791%
47	16.226	2354	2363	2367	rBV3	69222	163811	11.28%	1.201%
48	16.287	2367	2373	2380	rVB	311036	580467	39.97%	4.255%
49	16.488	2398	2406	2413	rBV	215161	484962	33.40%	3.555%
50	16.622	2421	2428	2437	rVB6	21005	61329	4.22%	0.450%

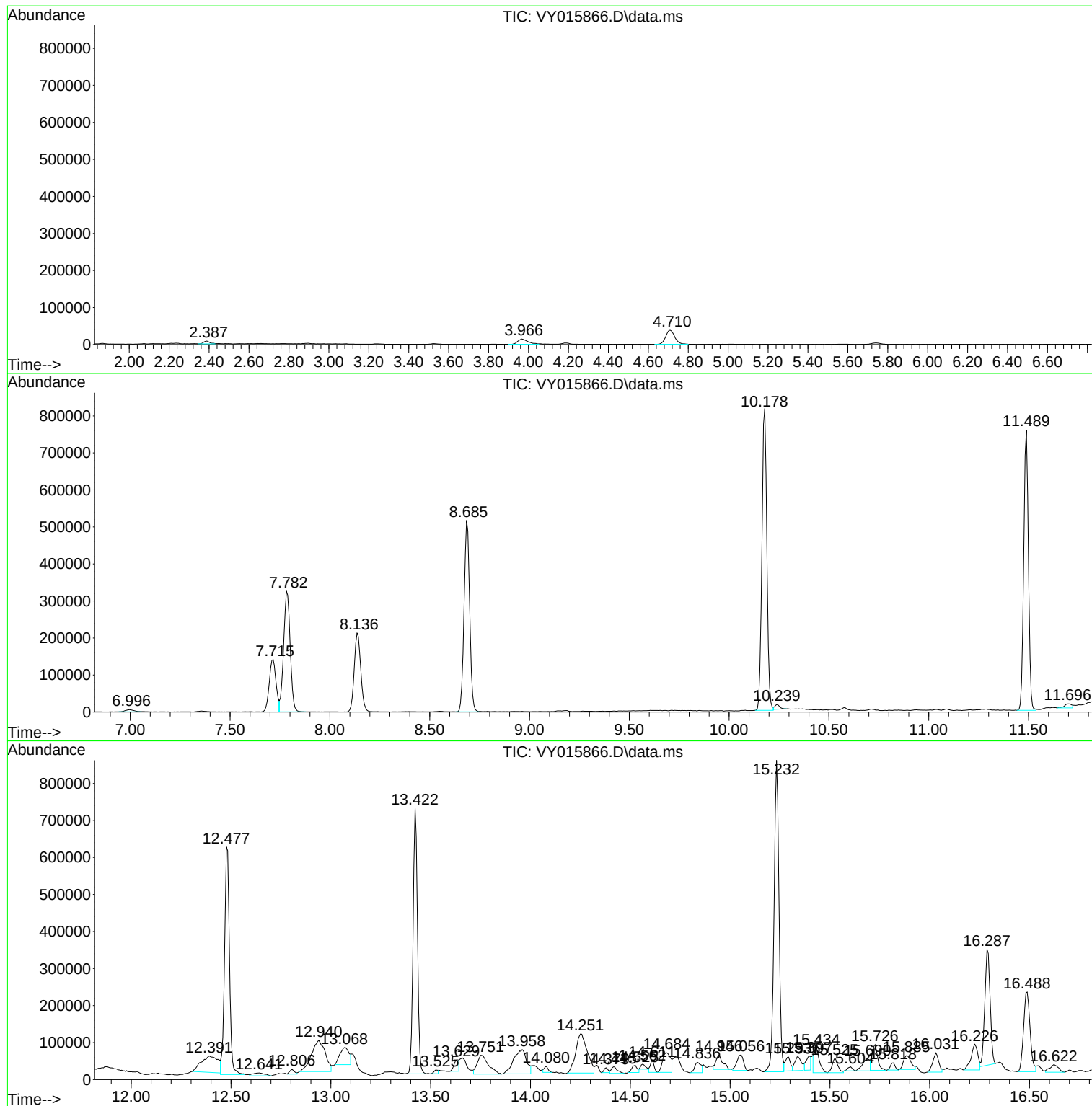
Sum of corrected areas: 13641754

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

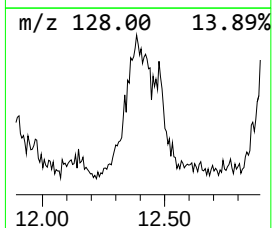
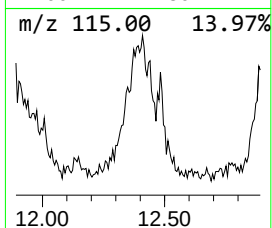
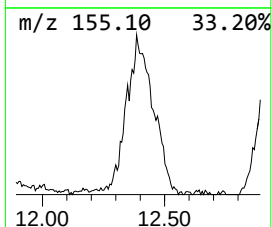
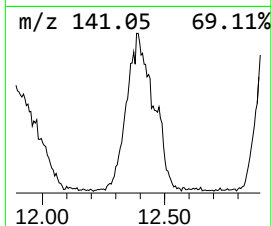
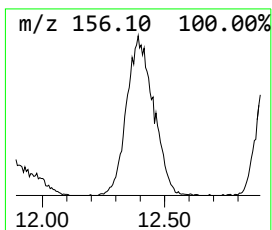
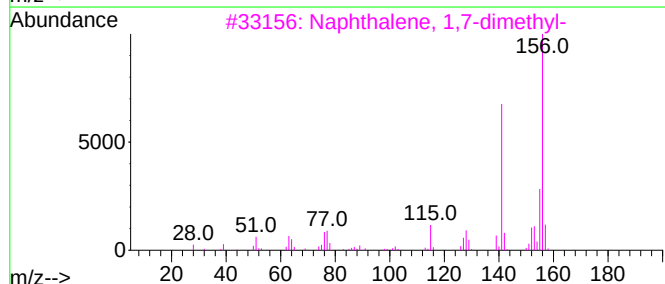
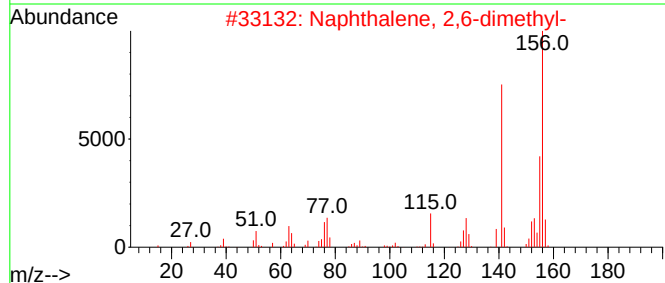
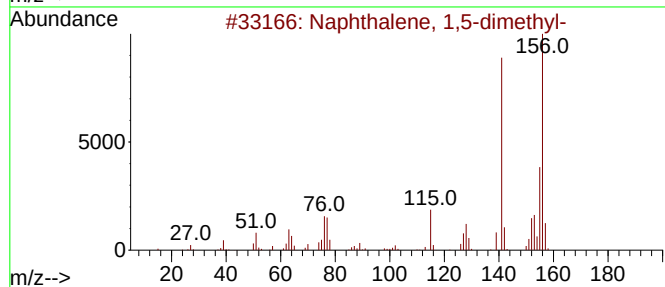
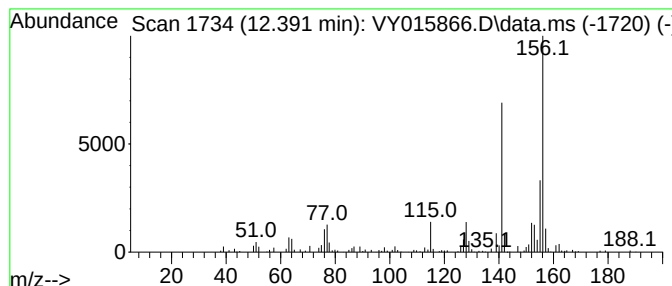
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.391	10.51 ug/l	256998	Chlorobenzene-d5	11.489

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

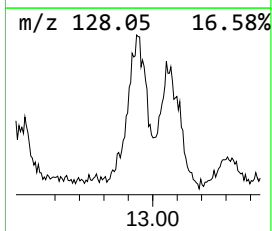
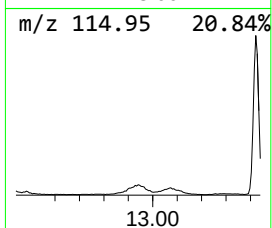
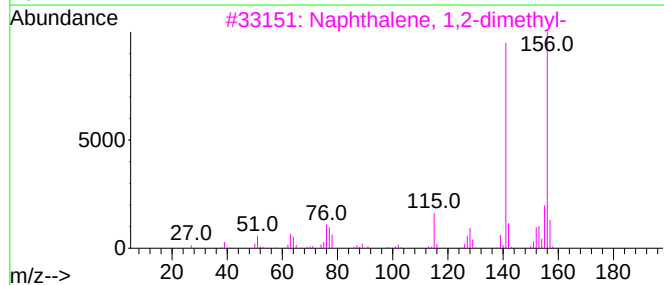
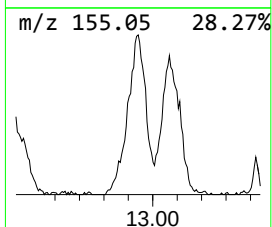
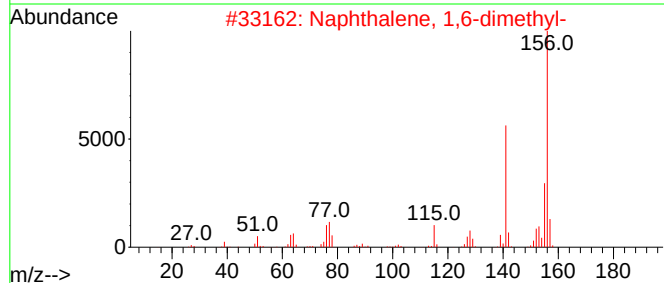
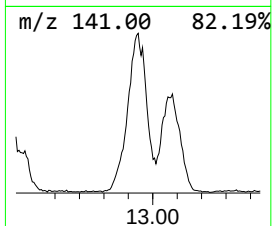
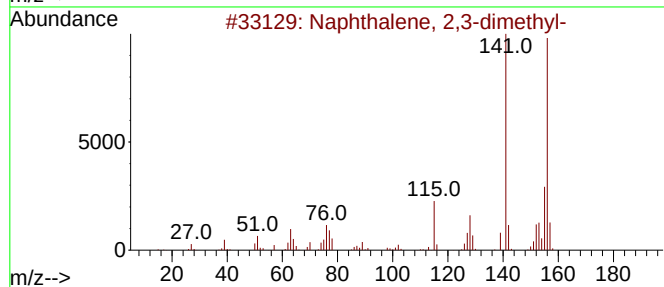
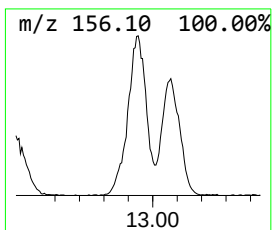
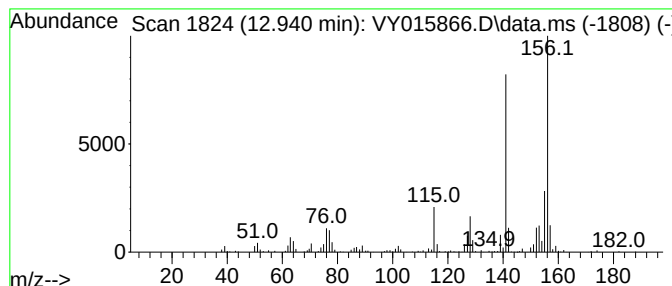
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	18.33 ug/l	401021	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, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

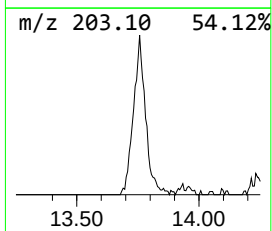
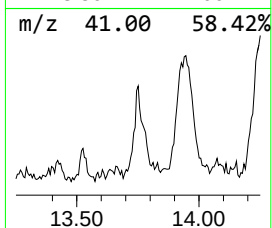
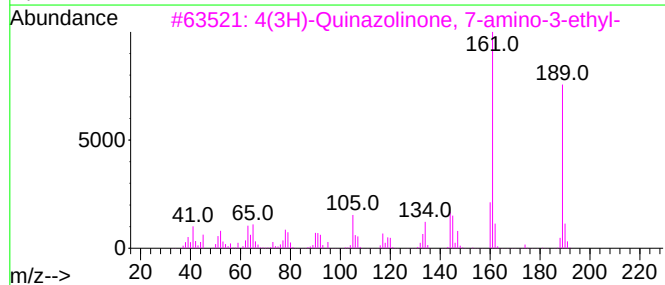
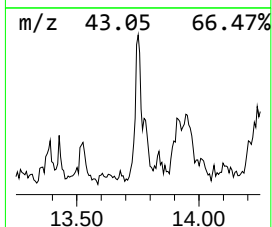
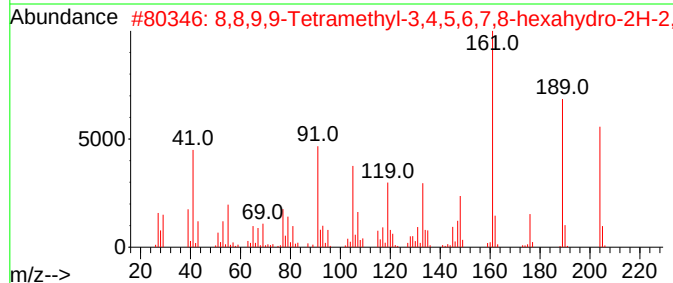
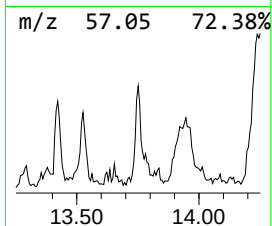
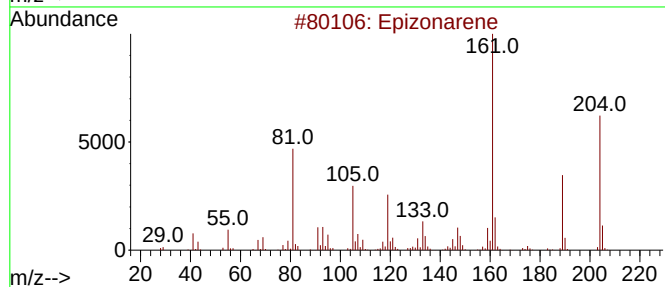
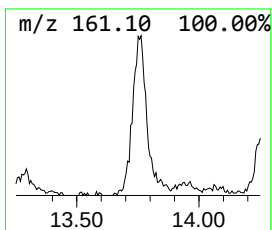
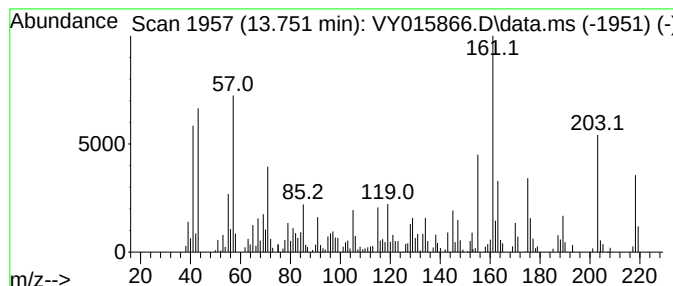
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown13.751 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	9.01 ug/l	197012	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Epizonarene	204	C15H24	041702-63-0	38
2			8,8,9,9-Tetramethyl-3,4,5,6,7,8-...	204	C15H24	026783-22-2	38
3			4(3H)-Quinazolinone, 7-amino-3-e...	189	C10H11N3O	1000338-19-9	30
4			Benzene, 1,2,3,4-tetramethyl-5-(...	176	C13H20	061142-67-4	25
5			Benzene, 2-methyl-1,4-bis(1-meth...	176	C13H20	058502-85-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

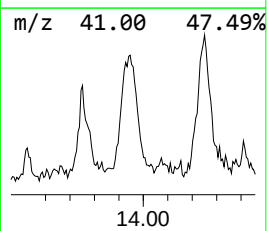
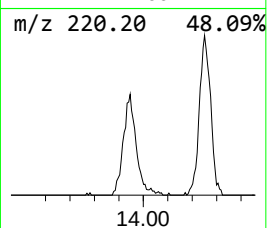
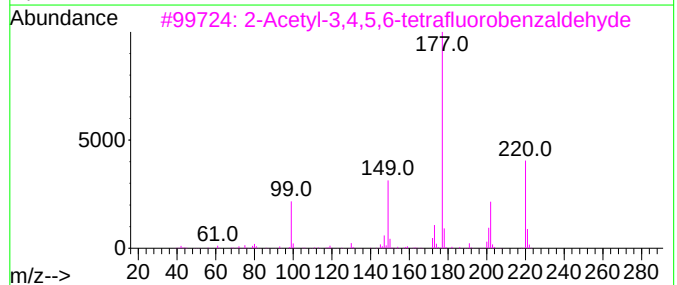
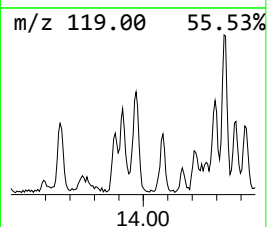
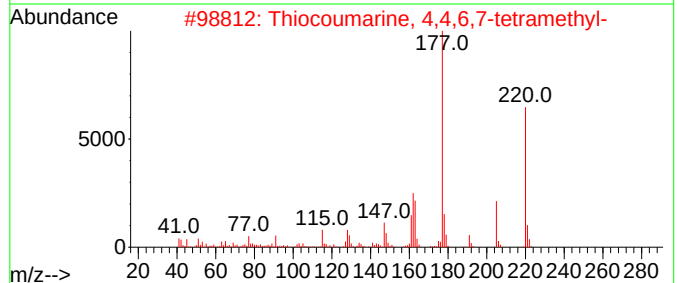
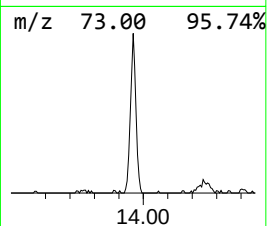
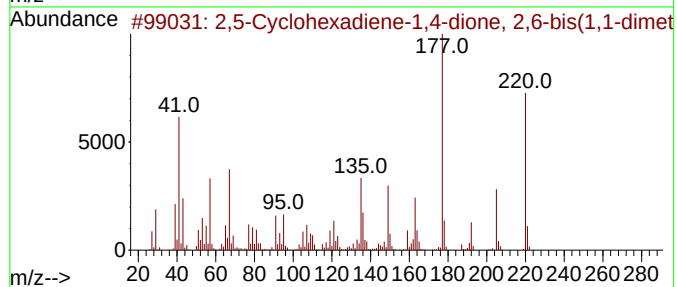
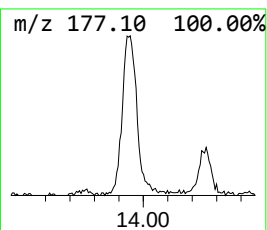
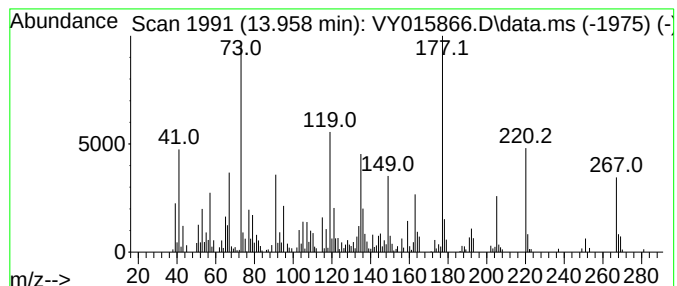
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 5 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.958	13.40 ug/l	293051	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
2			Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	50
3			2-Acetyl-3,4,5,6-tetrafluorobenz...	220	C9H4F4O2	1000461-12-2	46
4			Phenylacetic acid, 2-nitro-.alph...	223	C11H13NO4	136764-87-9	45
5			2H-1-benzopyran-6-ol, 3,4-dihydr...	220	C14H20O2	1000396-25-4	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

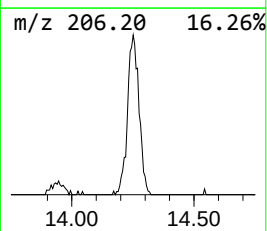
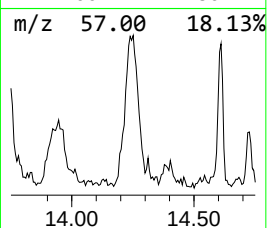
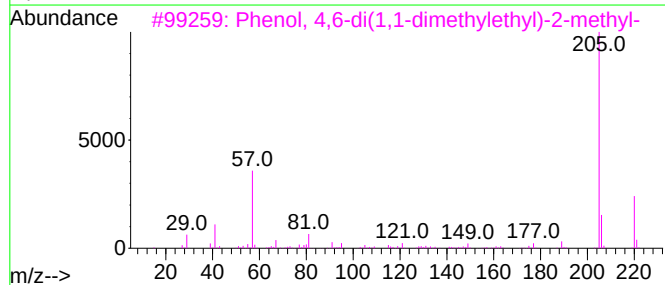
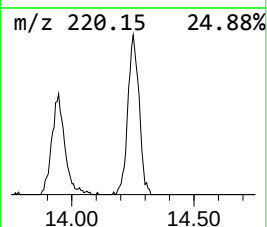
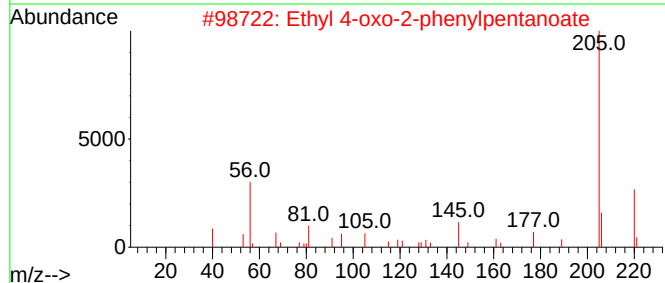
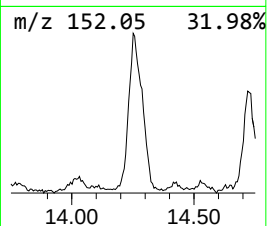
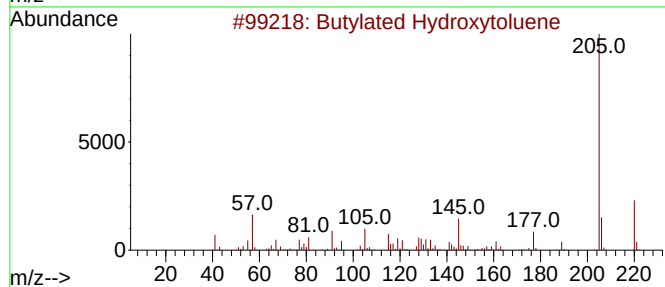
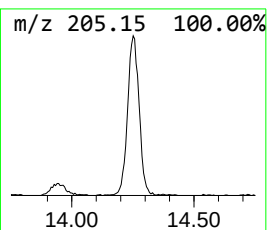
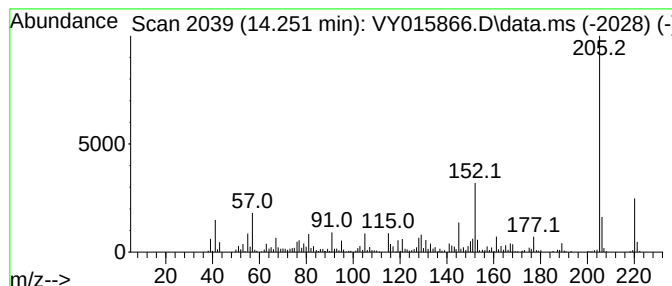
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 6 Butylated Hydroxytoluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	19.43 ug/l	424995	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2			Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	94
3			Phenol, 4,6-di(1,1-dimethylethyl)-	220	C15H24O	000616-55-7	76
4			4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	68
5			Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

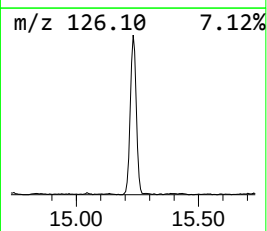
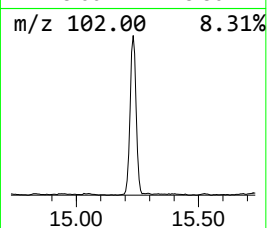
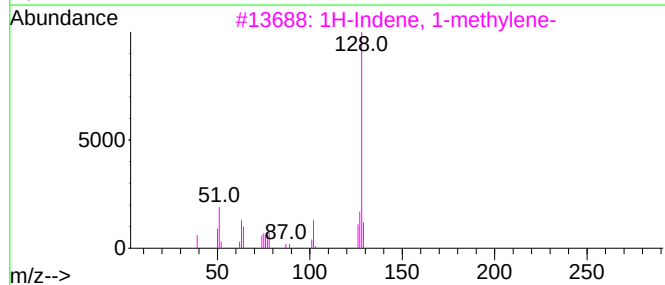
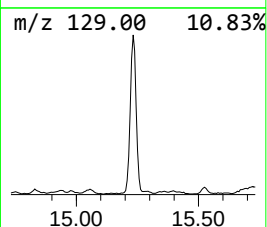
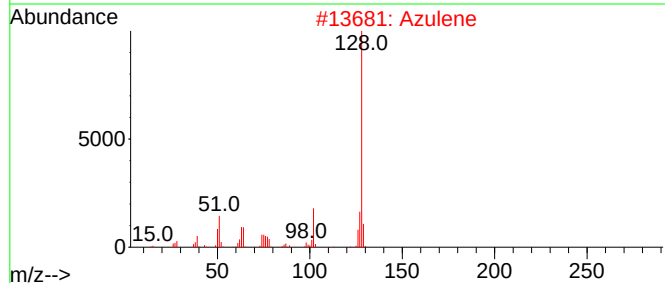
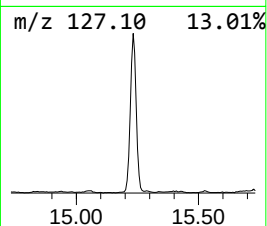
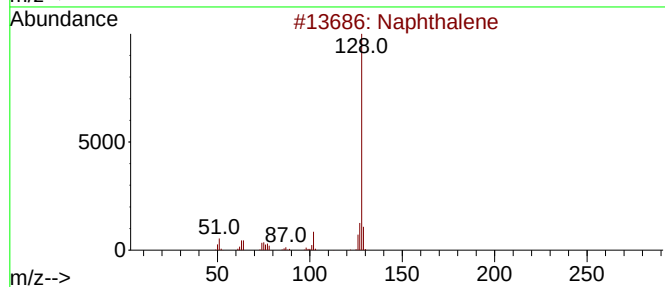
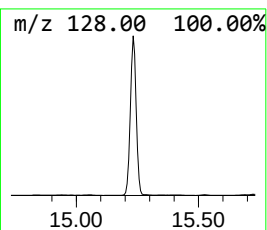
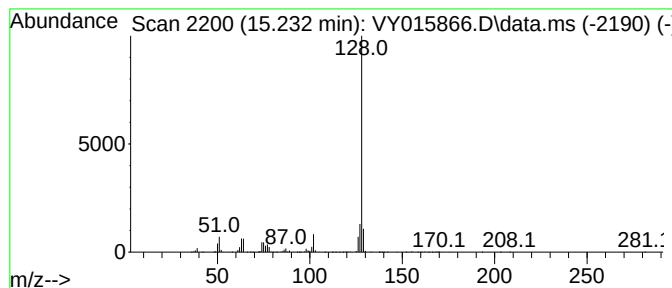
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.232	66.39 ug/l	1452190	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	87
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
5			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

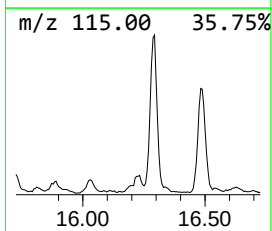
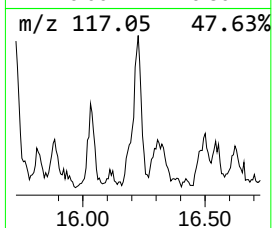
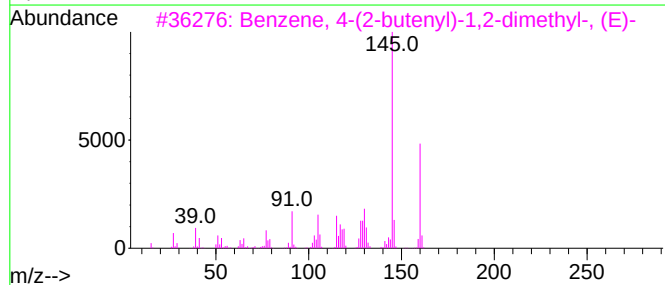
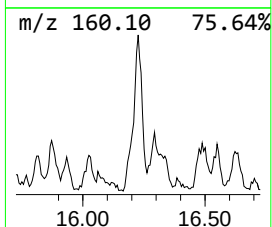
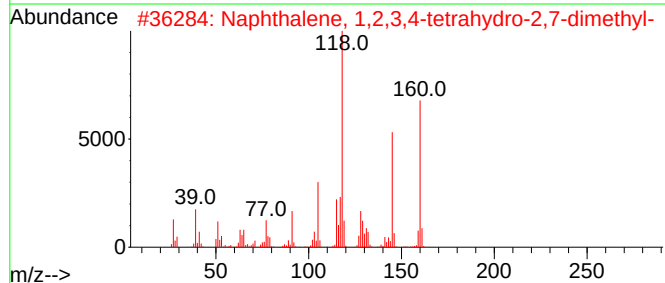
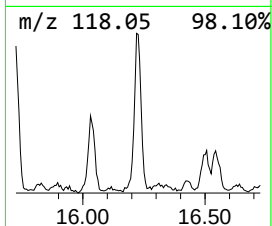
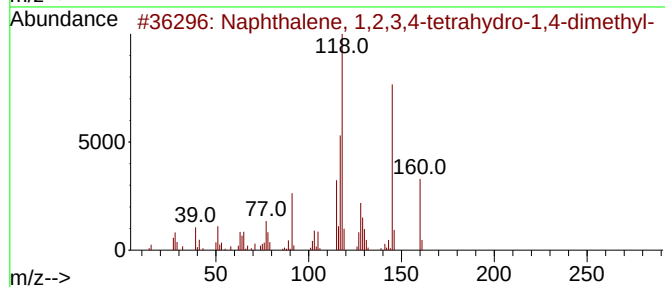
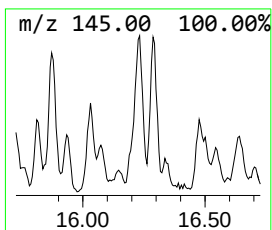
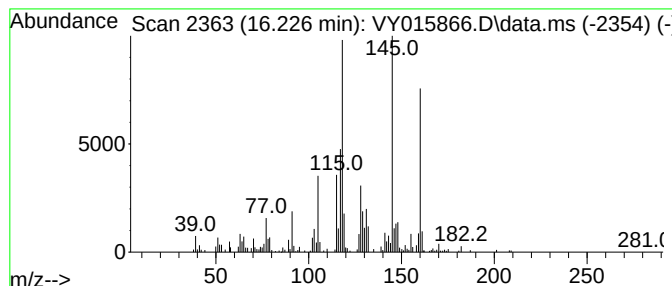
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	7.49 ug/l	163811	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

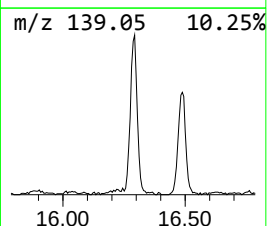
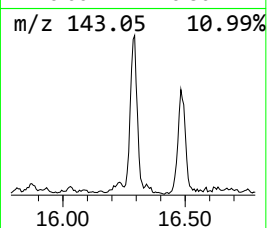
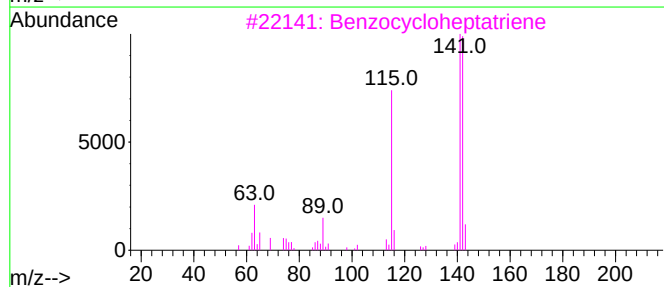
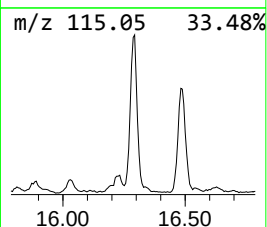
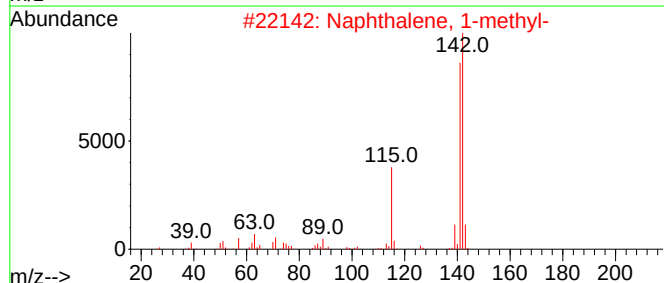
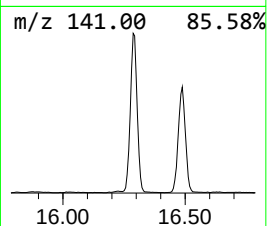
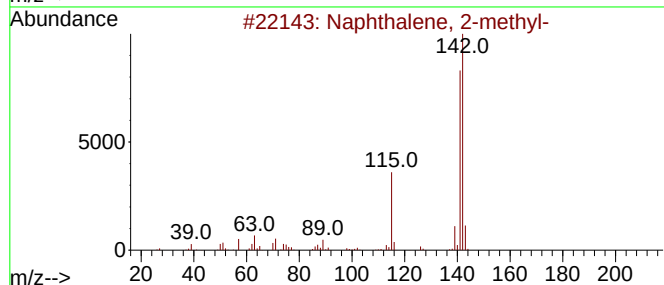
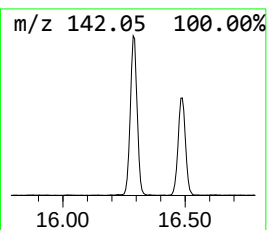
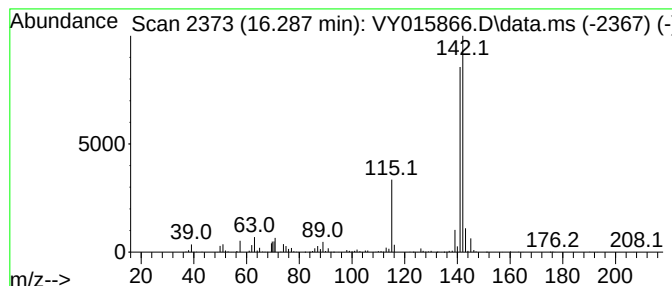
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	26.54 ug/l	580467	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	90
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

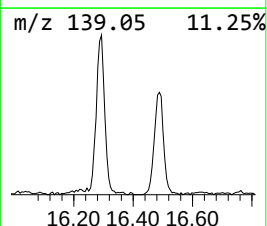
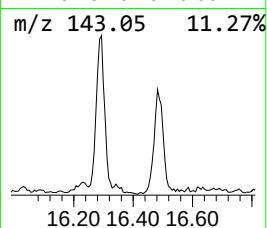
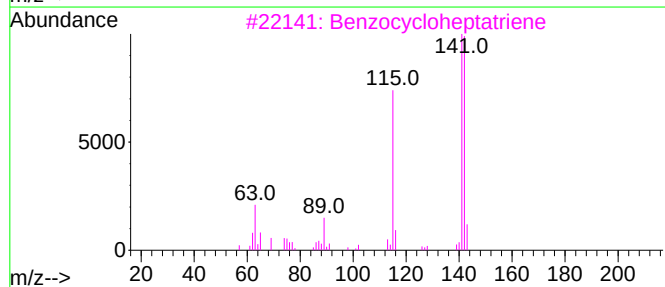
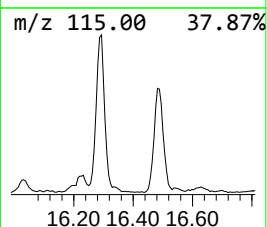
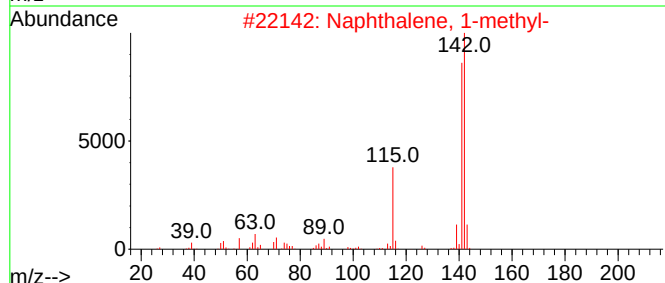
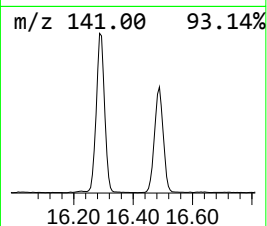
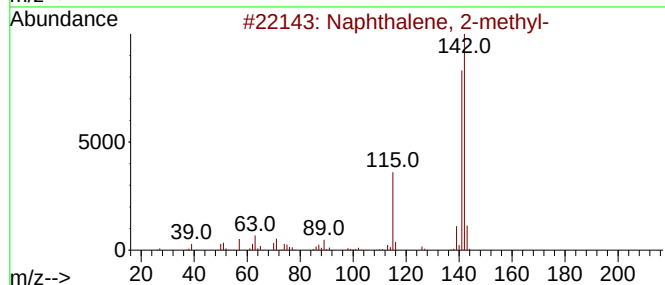
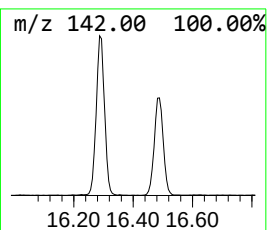
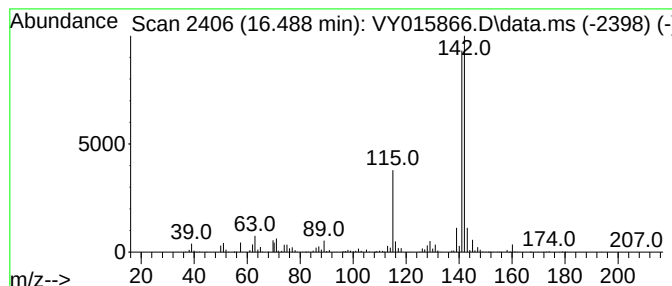
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	22.17 ug/l	484962	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015866.D
Acq On : 06 Oct 2023 16:46
Operator : SY/MD
Sample : 04767-07
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.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,...	12.391	10.5	ug/l	256998	3	11.489	1222080	50.0
Naphthalene, 2,...	12.940	18.3	ug/l	401021	4	13.422	1093700	50.0
unknown13.751	13.751	9.0	ug/l	197012	4	13.422	1093700	50.0
2,5-Cyclohexadi...	13.958	13.4	ug/l	293051	4	13.422	1093700	50.0
Butylated Hydro...	14.251	19.4	ug/l	424995	4	13.422	1093700	50.0
Azulene	15.232	66.4	ug/l	1452190	4	13.422	1093700	50.0
Naphthalene, 1,...	16.226	7.5	ug/l	163811	4	13.422	1093700	50.0
Benzocyclohepta...	16.287	26.5	ug/l	580467	4	13.422	1093700	50.0
1,4-Methanonaph...	16.488	22.2	ug/l	484962	4	13.422	1093700	50.0