

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014442.D
 Acq On : 26 Jun 2023 18:24
 Operator : KP/MD
 Sample : 03375-05
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS

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\82Y062323S.M
 Title : SW846 8260

Signal : TIC: VY014442.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.381	88	92	100	rVB3	2938	6294	2.00%	0.223%
2	3.960	340	351	362	rBV2	10164	28996	9.20%	1.030%
3	4.216	383	393	399	rBV3	2504	7712	2.45%	0.274%
4	4.722	468	476	487	rVB4	2919	9167	2.91%	0.325%
5	6.984	837	847	860	rBV	25670	77971	24.73%	2.768%
6	7.721	958	968	974	rBV2	45549	108016	34.26%	3.835%
7	7.795	974	980	989	rVB2	86824	194719	61.75%	6.914%
8	8.148	1027	1038	1050	rBV	43994	98749	31.32%	3.506%
9	8.691	1120	1127	1140	rBV	112836	228499	72.47%	8.113%
10	10.184	1364	1372	1380	rBV	178965	315313	100.00%	11.196%
11	10.581	1431	1437	1446	rVB3	7801	15950	5.06%	0.566%
12	10.947	1491	1497	1504	rBV2	23668	41688	13.22%	1.480%
13	11.312	1553	1557	1559	rBV5	2786	4041	1.28%	0.143%
14	11.495	1580	1587	1595	rVB	161769	272302	86.36%	9.668%
15	12.117	1685	1689	1691	rBV5	2734	4357	1.38%	0.155%
16	12.483	1742	1749	1758	rVB2	144686	243832	77.33%	8.658%
17	12.763	1785	1795	1797	rBV2	4801	14225	4.51%	0.505%
18	12.818	1800	1804	1810	rBV9	4257	8011	2.54%	0.284%
19	12.928	1814	1822	1823	rBV6	10895	23825	7.56%	0.846%
20	13.068	1837	1845	1850	rBV10	9949	27853	8.83%	0.989%
21	13.281	1878	1880	1885	rBV5	4674	7964	2.53%	0.283%
22	13.428	1897	1904	1910	rBV	178735	281888	89.40%	10.009%
23	13.525	1917	1920	1924	rBV5	5463	7941	2.52%	0.282%
24	13.659	1937	1942	1951	rVB5	11779	36050	11.43%	1.280%
25	13.757	1953	1958	1961	rBV6	7774	15361	4.87%	0.545%
26	13.970	1988	1993	1998	rBV6	8601	16315	5.17%	0.579%
27	14.019	1998	2001	2003	rVV3	8766	10224	3.24%	0.363%
28	14.068	2007	2009	2016	rVB7	6430	13694	4.34%	0.486%
29	14.263	2036	2041	2043	rBV4	11859	21731	6.89%	0.772%
30	14.385	2057	2061	2063	rBV4	5546	8068	2.56%	0.286%
31	14.421	2063	2067	2070	rBV5	9834	17168	5.44%	0.610%
32	14.519	2080	2083	2085	rBV4	3809	4800	1.52%	0.170%
33	14.623	2096	2100	2102	rBV5	4747	7087	2.25%	0.252%
34	14.684	2104	2110	2115	rVV4	30276	68035	21.58%	2.416%
35	14.732	2115	2118	2126	rVB6	23163	44579	14.14%	1.583%
36	14.946	2149	2153	2156	rVB5	11193	15534	4.93%	0.552%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	14.982	2156	2159	2162	rVV3	6562	8575	2.72%	0.304%
38	15.056	2165	2171	2177	rVB4	25046	50413	15.99%	1.790%
39	15.232	2192	2200	2205	rBV2	12914	37013	11.74%	1.314%
40	15.312	2205	2213	2220	rVV7	24015	87291	27.68%	3.099%
41	15.397	2224	2227	2242	rVB9	22572	67496	21.41%	2.397%
42	15.525	2242	2248	2255	rVB2	14561	29647	9.40%	1.053%
43	15.604	2258	2261	2265	rVB5	5933	8681	2.75%	0.308%
44	15.818	2291	2296	2301	rVB6	10046	22295	7.07%	0.792%
45	15.891	2301	2308	2309	rBV2	13761	28479	9.03%	1.011%
46	16.037	2321	2332	2338	rBV4	29053	73774	23.40%	2.619%
47	16.232	2355	2364	2370	rVB5	21176	53498	16.97%	1.900%
48	16.287	2370	2373	2374	rBV3	4497	4257	1.35%	0.151%
49	16.488	2400	2406	2413	rBV10	12292	31338	9.94%	1.113%
50	16.708	2436	2442	2443	rBV5	3365	5701	1.81%	0.202%

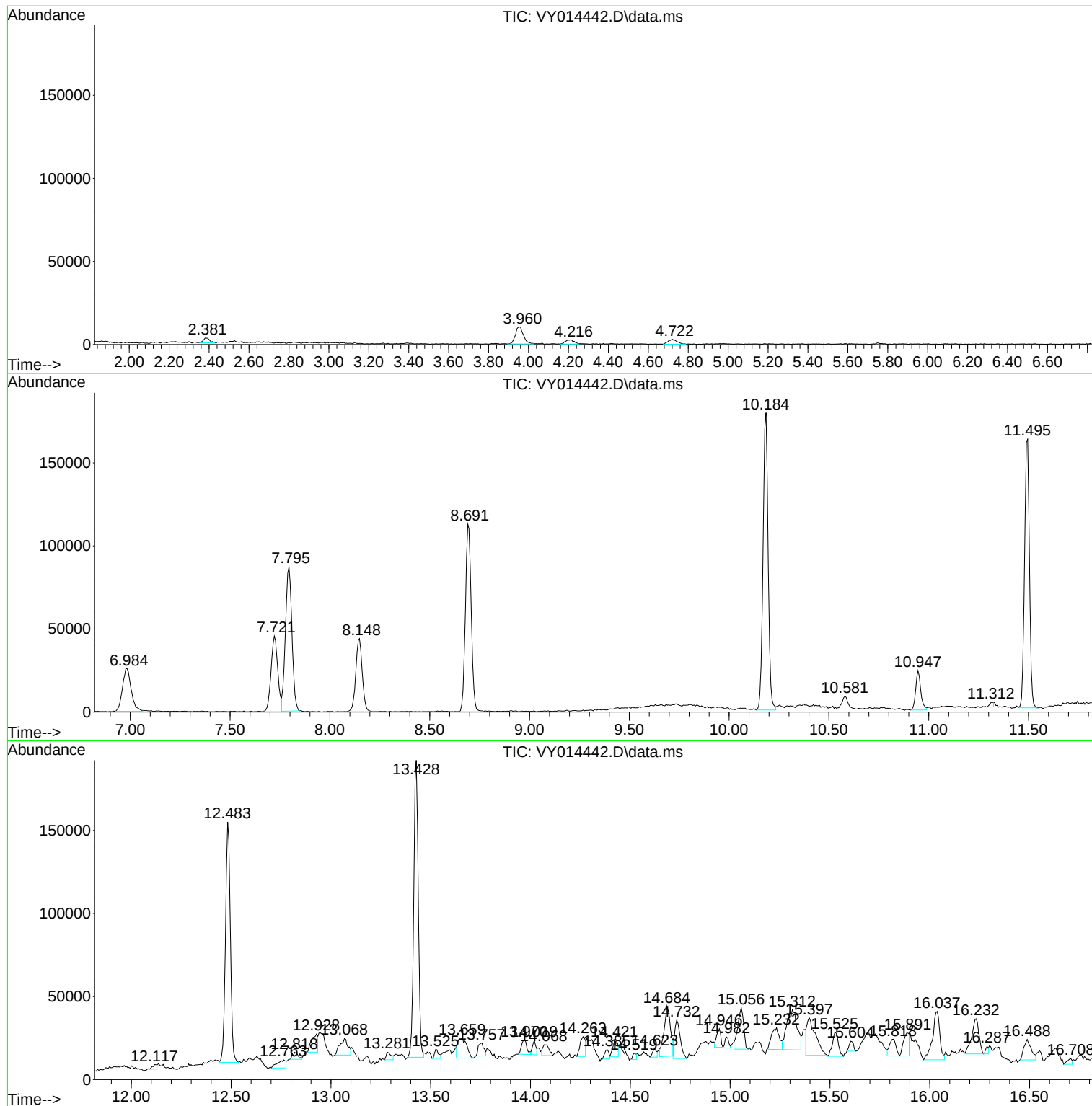
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Quant Title : SW846 8260

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



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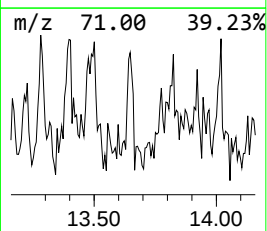
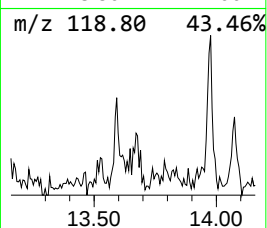
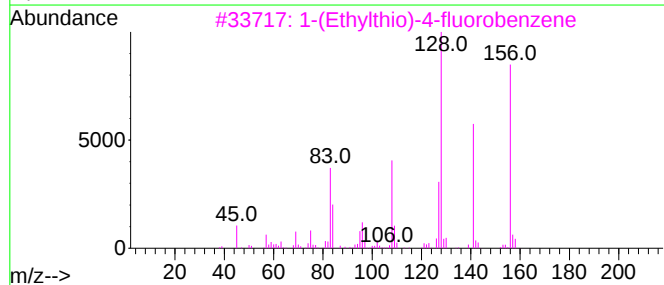
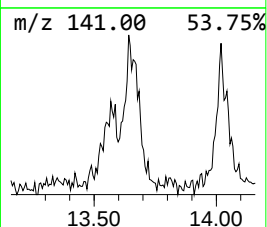
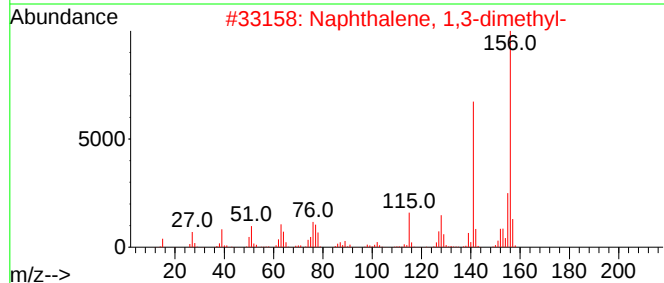
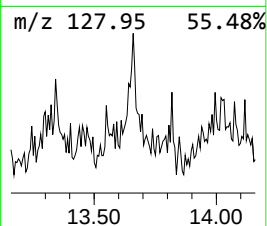
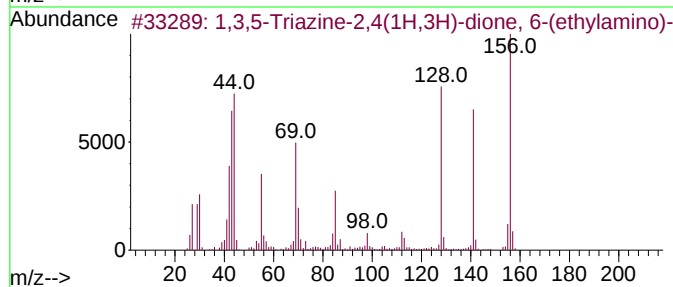
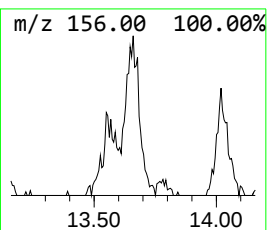
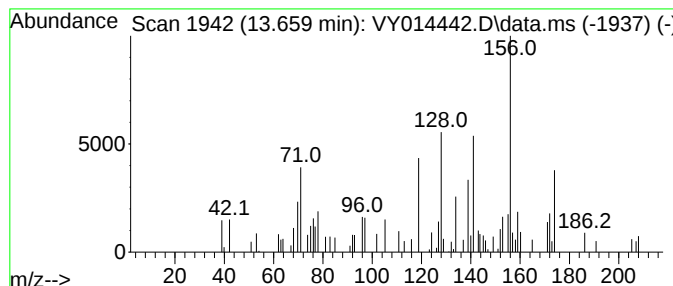
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.659 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.659	6.39 ug/l	36050	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Triazine-2,4(1H,3H)-dione,...	156	C5H8N4O2	002630-10-6	43
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38
3			1-(Ethylthio)-4-fluorobenzene	156	C8H9FS	002924-75-6	38
4			2H-imidazole-2-thione, 1,3-dihyd...	156	C7H12N2S	1000404-33-5	30
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	30



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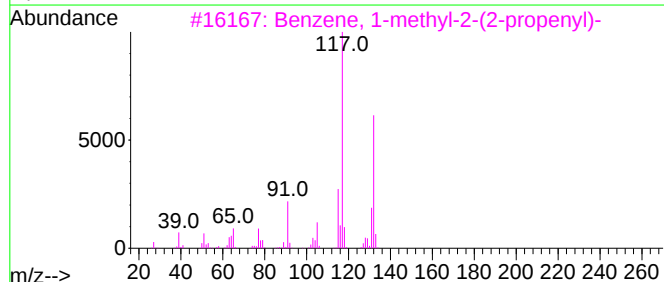
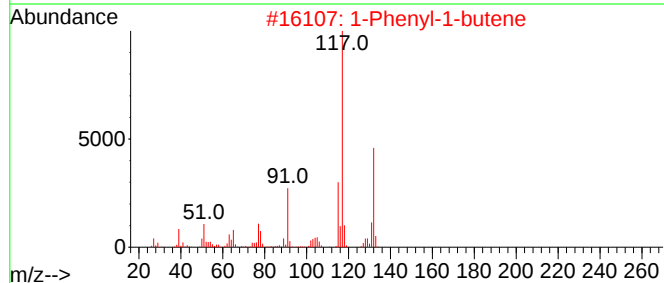
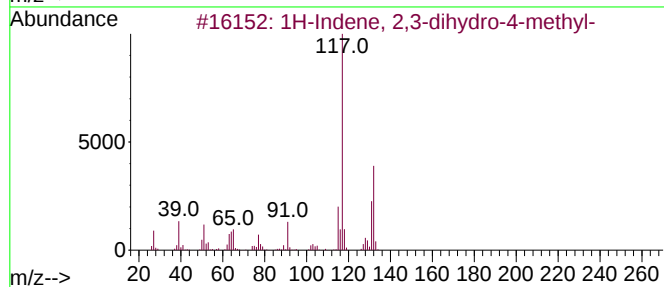
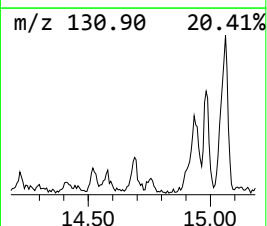
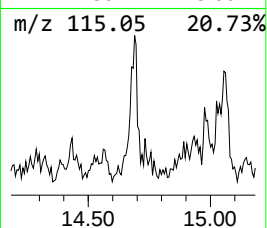
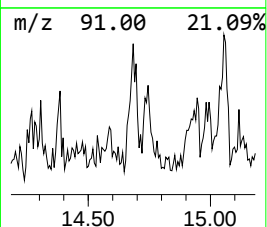
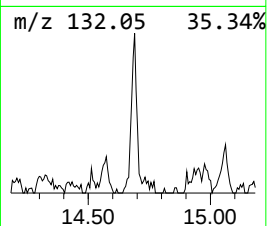
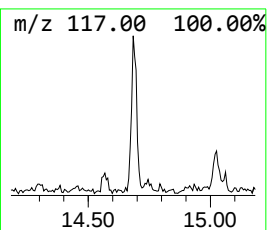
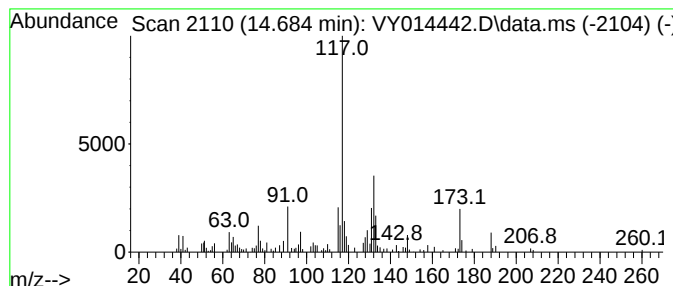
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	12.07 ug/l	68035	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	58



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Instrument :
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ClientSampleId :
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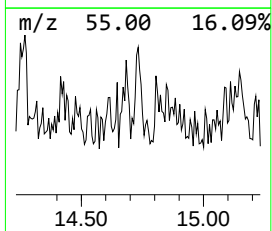
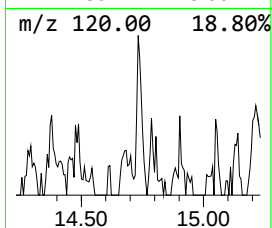
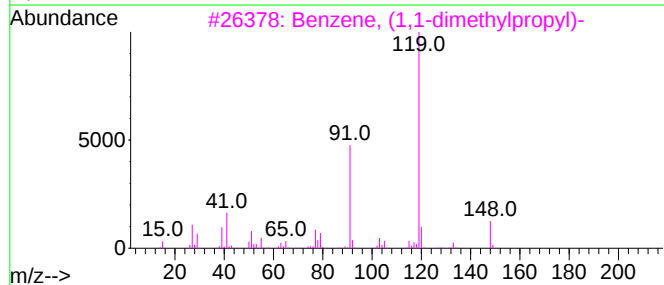
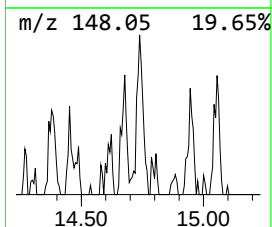
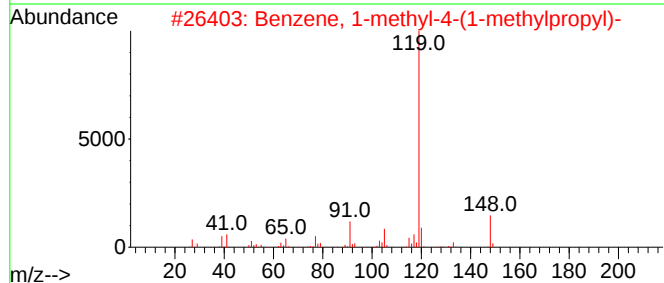
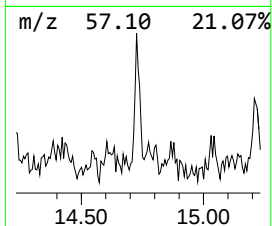
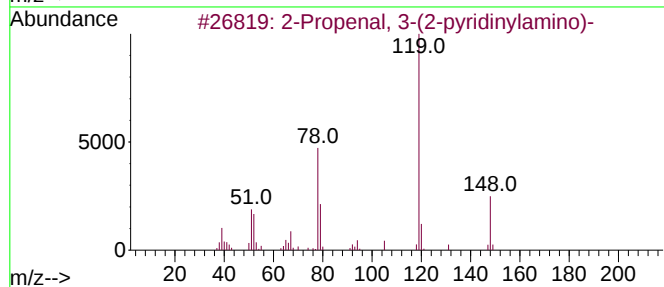
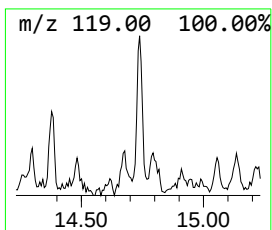
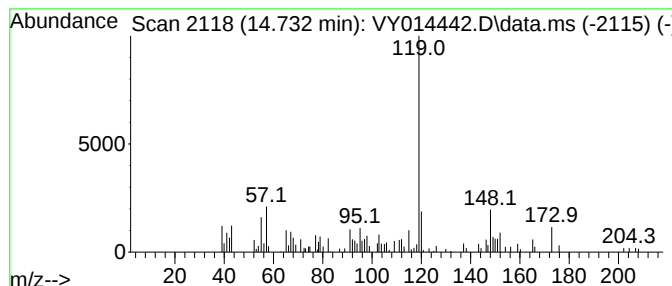
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Propenal, 3-(2-pyridinylamino) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	7.91 ug/l	44579	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	53
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4			2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	43
5			4-Aminostyrene	119	C8H9N	001520-21-4	43



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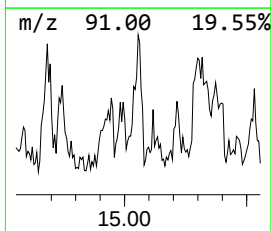
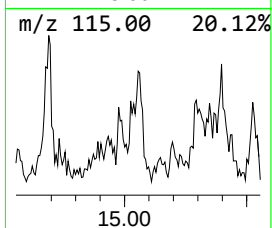
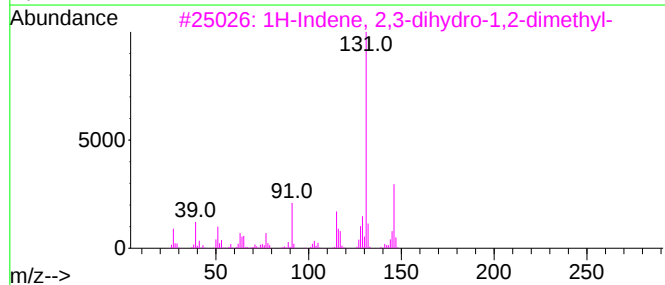
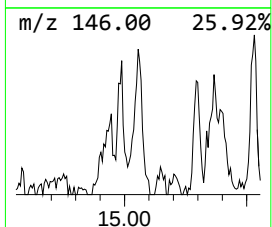
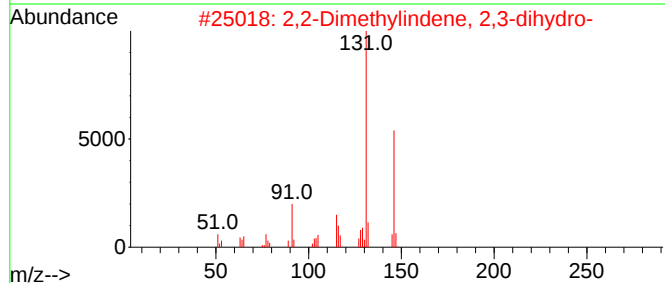
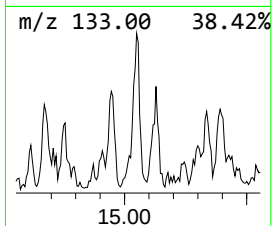
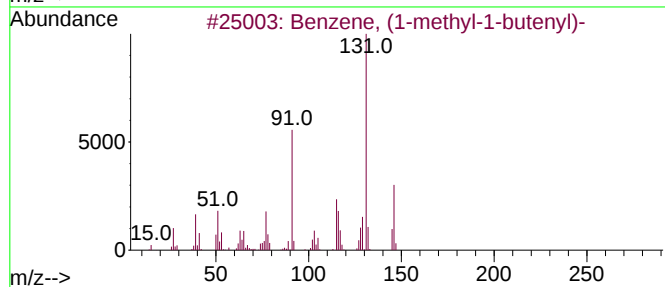
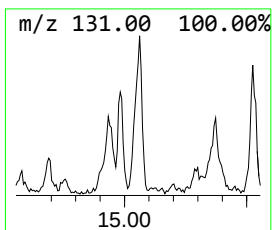
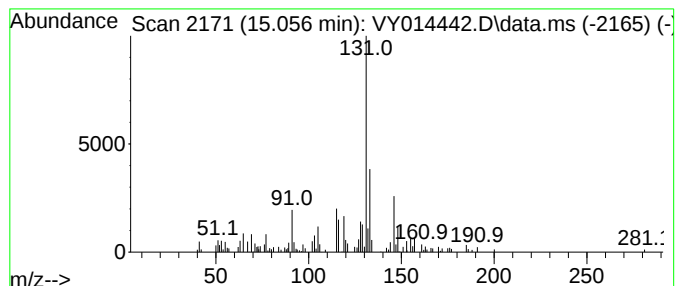
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	8.94 ug/l	50413	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70



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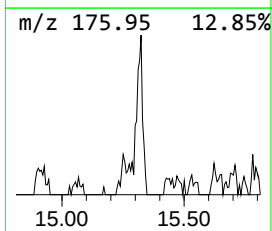
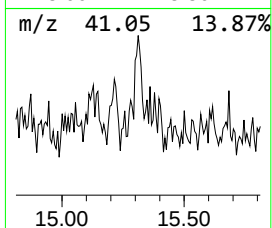
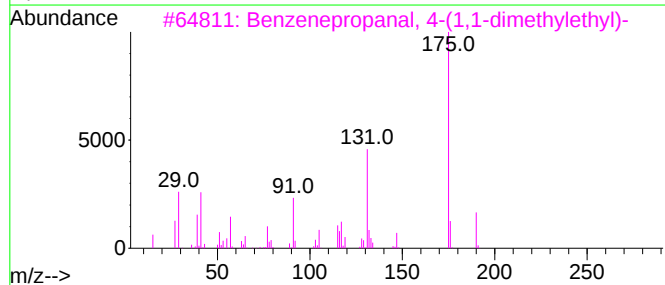
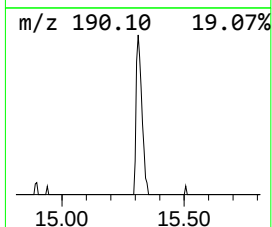
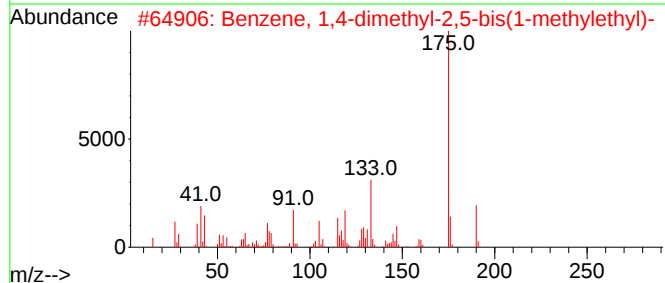
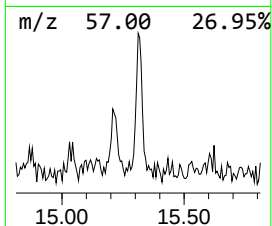
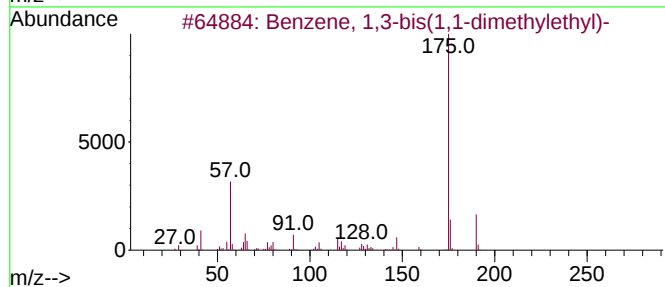
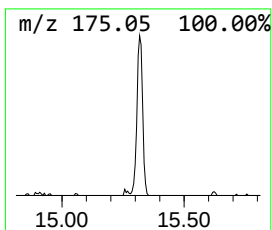
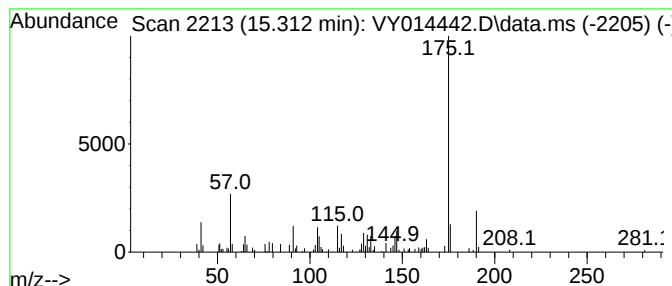
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	15.48 ug/l	87291	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
2			Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	74
3			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72
4			2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014442.D
Acq On : 26 Jun 2023 18:24
Operator : KP/MD
Sample : 03375-05
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

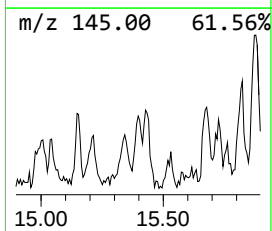
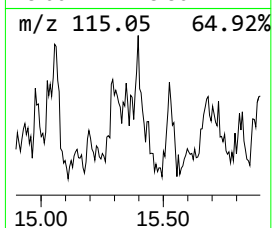
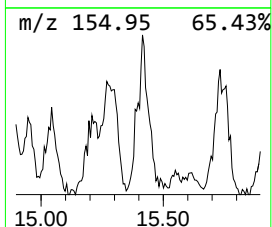
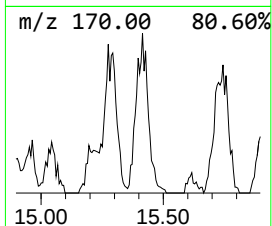
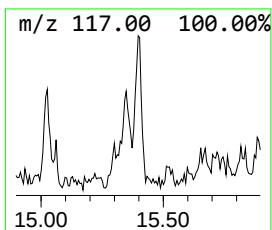
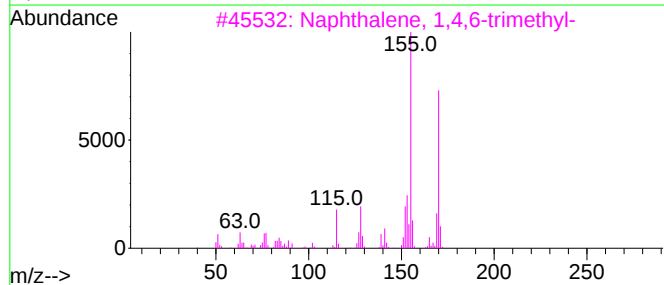
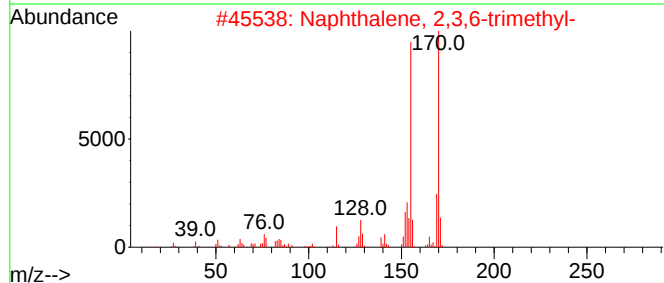
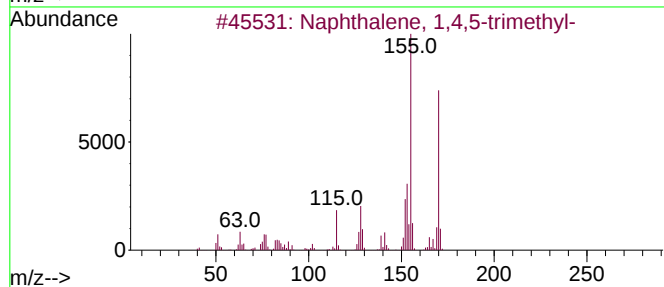
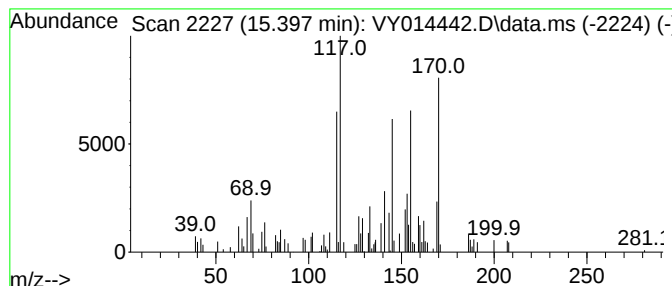
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.397 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	11.97 ug/l	67496	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38
4			3,4-Dimethoxythiophenol	170	C8H10O2S	000700-96-9	30
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014442.D
Acq On : 26 Jun 2023 18:24
Operator : KP/MD
Sample : 03375-05
Misc : 5.13g/5.0mL/MSVOA_Y/soil
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

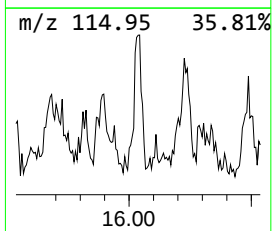
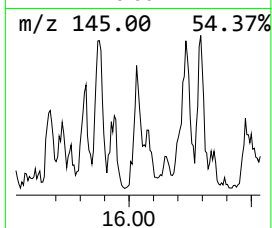
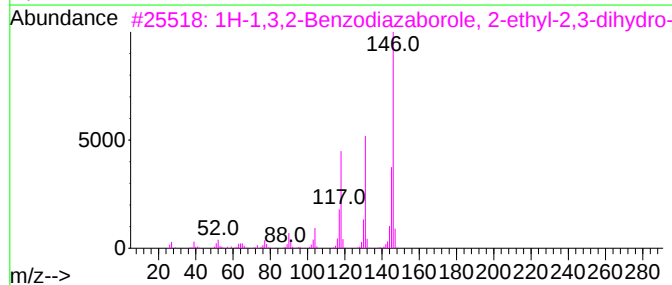
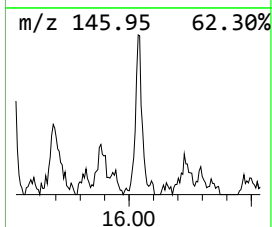
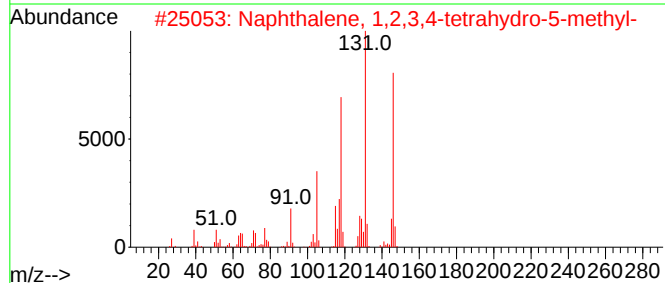
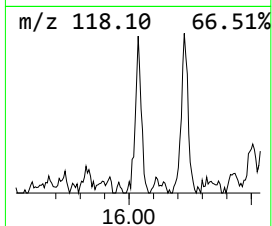
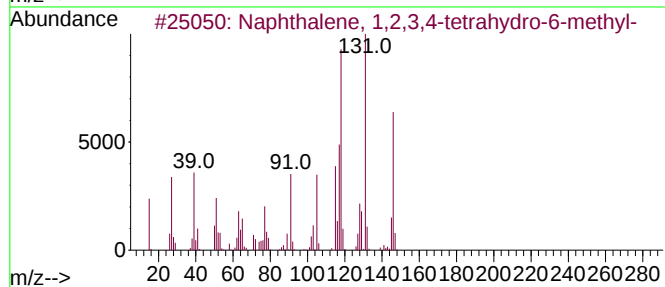
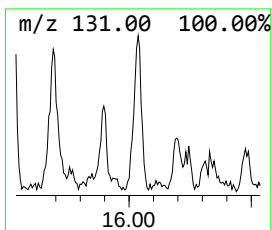
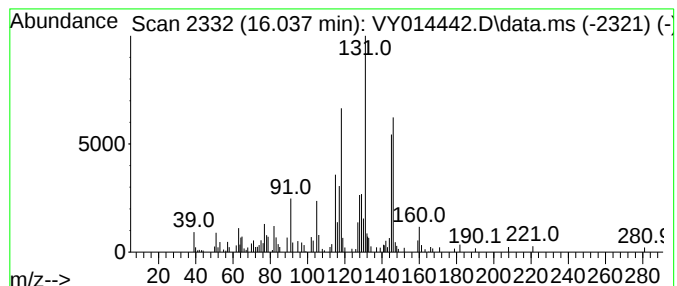
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	13.09 ug/l	73774	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49
4			3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	49
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014442.D
Acq On : 26 Jun 2023 18:24
Operator : KP/MD
Sample : 03375-05
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

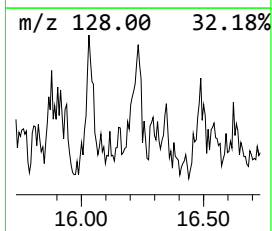
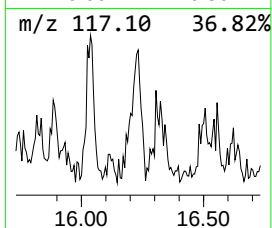
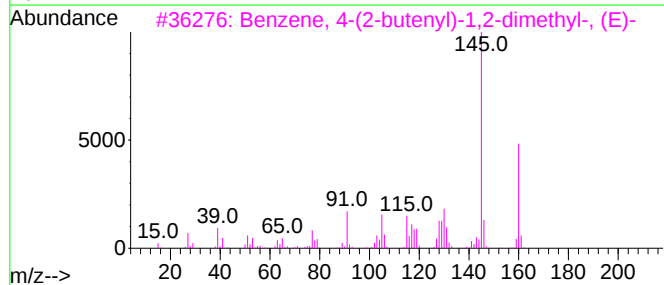
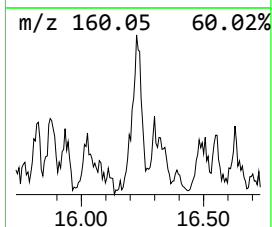
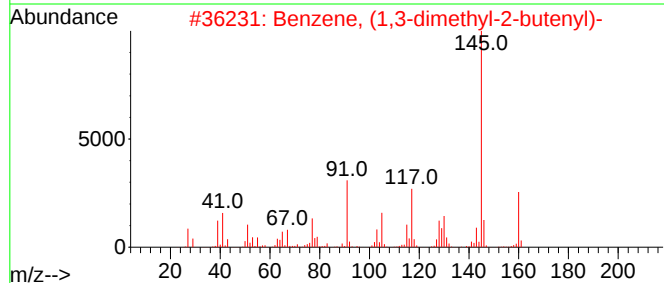
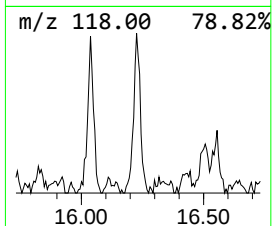
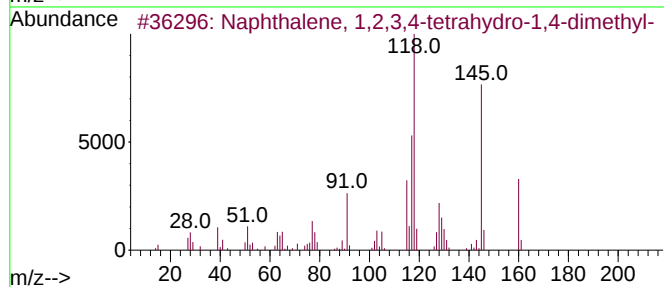
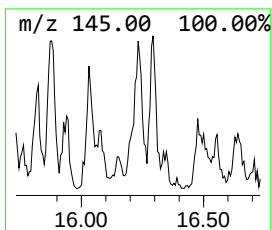
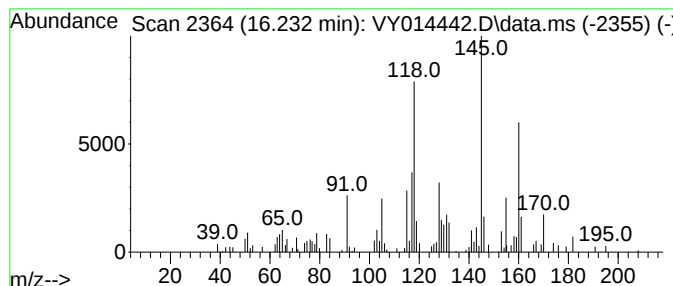
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.232	9.49 ug/l	53498	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
2			Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	55
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	52
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014442.D
Acq On : 26 Jun 2023 18:24
Operator : KP/MD
Sample : 03375-05
Misc : 5.13g/5.0mL/MSVOA_Y/soil
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

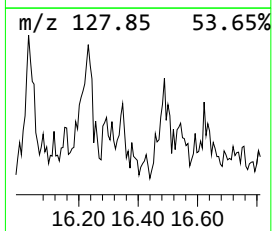
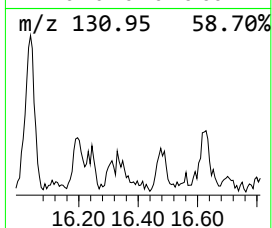
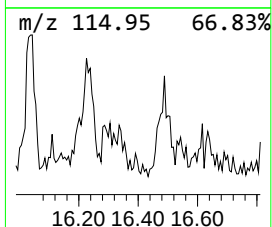
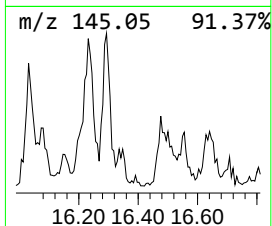
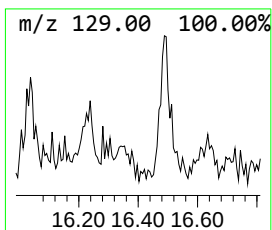
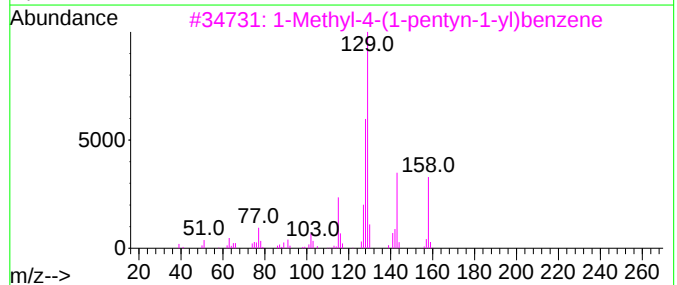
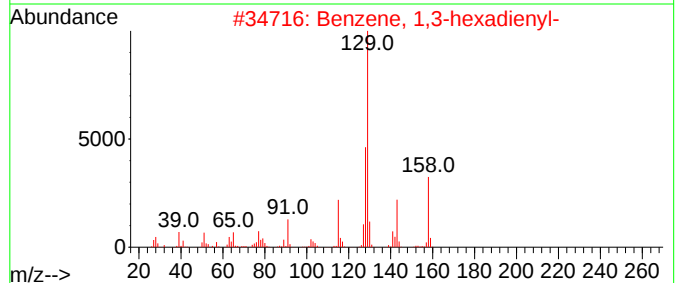
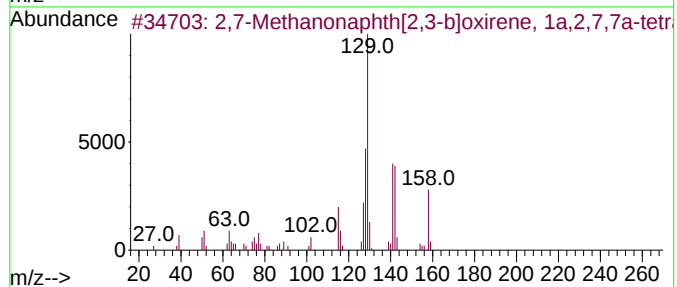
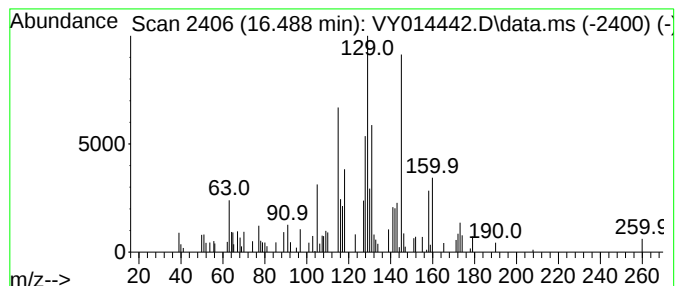
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.488 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	5.56 ug/l	31338	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Methanonaphth[2,3-b]oxirene,...	158	C11H10O	013137-34-3	46		
2	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	38		
3	1-Methyl-4-(1-pentyn-1-yl)benzene	158	C12H14	079756-89-1	30		
4	4-(1H-Imidazol-4-yl)pyridine	145	C8H7N3	051746-87-3	18		
5	1,5-Naphthyridin-3-amine	145	C8H7N3	014756-77-5	18		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014442.D
Acq On : 26 Jun 2023 18:24
Operator : KP/MD
Sample : 03375-05
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.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
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1H-Indene, 2,3-...	14.684	12.1	ug/l	68035	4	13.428	281888	50.0
2-Propenal, 3-(...	14.732	7.9	ug/l	44579	4	13.428	281888	50.0
Benzene, (1-met...	15.056	8.9	ug/l	50413	4	13.428	281888	50.0
Benzene, 1,3-bi...	15.312	15.5	ug/l	87291	4	13.428	281888	50.0
unknown15.397	15.397	12.0	ug/l	67496	4	13.428	281888	50.0
Naphthalene, 1,...	16.037	13.1	ug/l	73774	4	13.428	281888	50.0
Naphthalene, 1,...	16.232	9.5	ug/l	53498	4	13.428	281888	50.0
unknown16.488	16.488	5.6	ug/l	31338	4	13.428	281888	50.0