

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014441.D
 Acq On : 26 Jun 2023 18:01
 Operator : KP/MD
 Sample : 03375-04
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

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: VY014441.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	87	92	101	rBV2	5575	10483	1.32%	0.141%
2	3.954	340	350	365	rBV	24779	69475	8.73%	0.936%
3	4.204	383	391	404	rVB4	5550	16141	2.03%	0.217%
4	4.716	466	475	488	rBV2	12938	40821	5.13%	0.550%
5	5.753	635	645	654	rBV6	2852	8117	1.02%	0.109%
6	6.984	834	847	860	rBV	71553	217878	27.39%	2.935%
7	7.722	958	968	973	rBV	119178	281800	35.42%	3.796%
8	7.789	973	979	991	rVB	207753	485113	60.97%	6.535%
9	8.142	1025	1037	1051	rBV	124672	281181	35.34%	3.788%
10	8.691	1119	1127	1137	rBV	303595	589835	74.14%	7.946%
11	10.179	1363	1371	1380	rBV	454502	795597	100.00%	10.718%
12	10.581	1430	1437	1445	rVB	10308	18359	2.31%	0.247%
13	10.947	1490	1497	1506	rBV	72737	123664	15.54%	1.666%
14	11.325	1552	1559	1563	rVB2	5386	9455	1.19%	0.127%
15	11.489	1579	1586	1598	rBV	446369	735127	92.40%	9.903%
16	12.483	1742	1749	1760	rVB	394827	630586	79.26%	8.495%
17	12.642	1770	1775	1782	rVB8	6020	13888	1.75%	0.187%
18	12.818	1794	1804	1808	rBV5	15022	31928	4.01%	0.430%
19	13.044	1837	1841	1843	rVV2	13250	20789	2.61%	0.280%
20	13.068	1843	1845	1853	rVB3	9030	12768	1.60%	0.172%
21	13.178	1857	1863	1868	rBV5	8549	16585	2.08%	0.223%
22	13.428	1896	1904	1910	rBV	507131	785316	98.71%	10.579%
23	13.483	1910	1913	1917	rVV5	6589	14403	1.81%	0.194%
24	13.526	1917	1920	1925	rVB2	20215	26577	3.34%	0.358%
25	13.751	1951	1957	1961	rBV5	16715	30087	3.78%	0.405%
26	13.794	1961	1964	1968	rVV6	7686	11664	1.47%	0.157%
27	13.855	1968	1974	1977	rVV7	7086	13458	1.69%	0.181%
28	13.916	1980	1984	1987	rVV5	6456	11785	1.48%	0.159%
29	13.971	1989	1993	1998	rVB3	16491	26942	3.39%	0.363%
30	14.013	1998	2000	2005	rVB4	7609	9987	1.26%	0.135%
31	14.080	2005	2011	2015	rBV7	9627	18362	2.31%	0.247%
32	14.148	2018	2022	2027	rVB7	6126	11212	1.41%	0.151%
33	14.263	2027	2041	2053	rBV7	28592	114047	14.33%	1.536%
34	14.385	2055	2061	2063	rBV4	17442	28036	3.52%	0.378%
35	14.422	2063	2067	2071	rBV7	13098	18861	2.37%	0.254%
36	14.617	2096	2099	2104	rBV5	9511	14317	1.80%	0.193%

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Integrator: RTE

Smoothing : ON

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Sampling : 1

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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

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37	14.684	2104	2110	2114	rBV4	42146	82963	10.43%	1.118%
38	14.733	2114	2118	2125	rVB3	42281	76392	9.60%	1.029%
39	14.903	2143	2146	2148	rVV3	13888	18379	2.31%	0.248%
40	14.946	2148	2153	2156	rVV2	35347	58359	7.34%	0.786%
41	14.983	2156	2159	2162	rVV	24106	34960	4.39%	0.471%
42	15.056	2165	2171	2176	rVB2	54867	103276	12.98%	1.391%
43	15.239	2191	2201	2205	rBV	115673	257893	32.42%	3.474%
44	15.294	2206	2210	2212	rBV3	26908	41399	5.20%	0.558%
45	15.525	2242	2248	2255	rBV	56590	118808	14.93%	1.601%
46	15.605	2255	2261	2265	rBV3	24569	45140	5.67%	0.608%
47	15.684	2265	2274	2279	rBV5	46792	140309	17.64%	1.890%
48	15.818	2291	2296	2300	rVB2	38920	71144	8.94%	0.958%
49	15.879	2301	2306	2312	rBV4	37756	85799	10.78%	1.156%
50	16.037	2323	2332	2337	rBV2	98671	218233	27.43%	2.940%
51	16.153	2348	2351	2355	rBV6	15647	21408	2.69%	0.288%
52	16.226	2356	2363	2370	rVB5	85092	193868	24.37%	2.612%
53	16.293	2370	2374	2377	rBV2	25387	42124	5.29%	0.567%
54	16.489	2399	2406	2412	rBV7	55439	166258	20.90%	2.240%
55	16.629	2420	2429	2437	rVB6	33066	101666	12.78%	1.370%

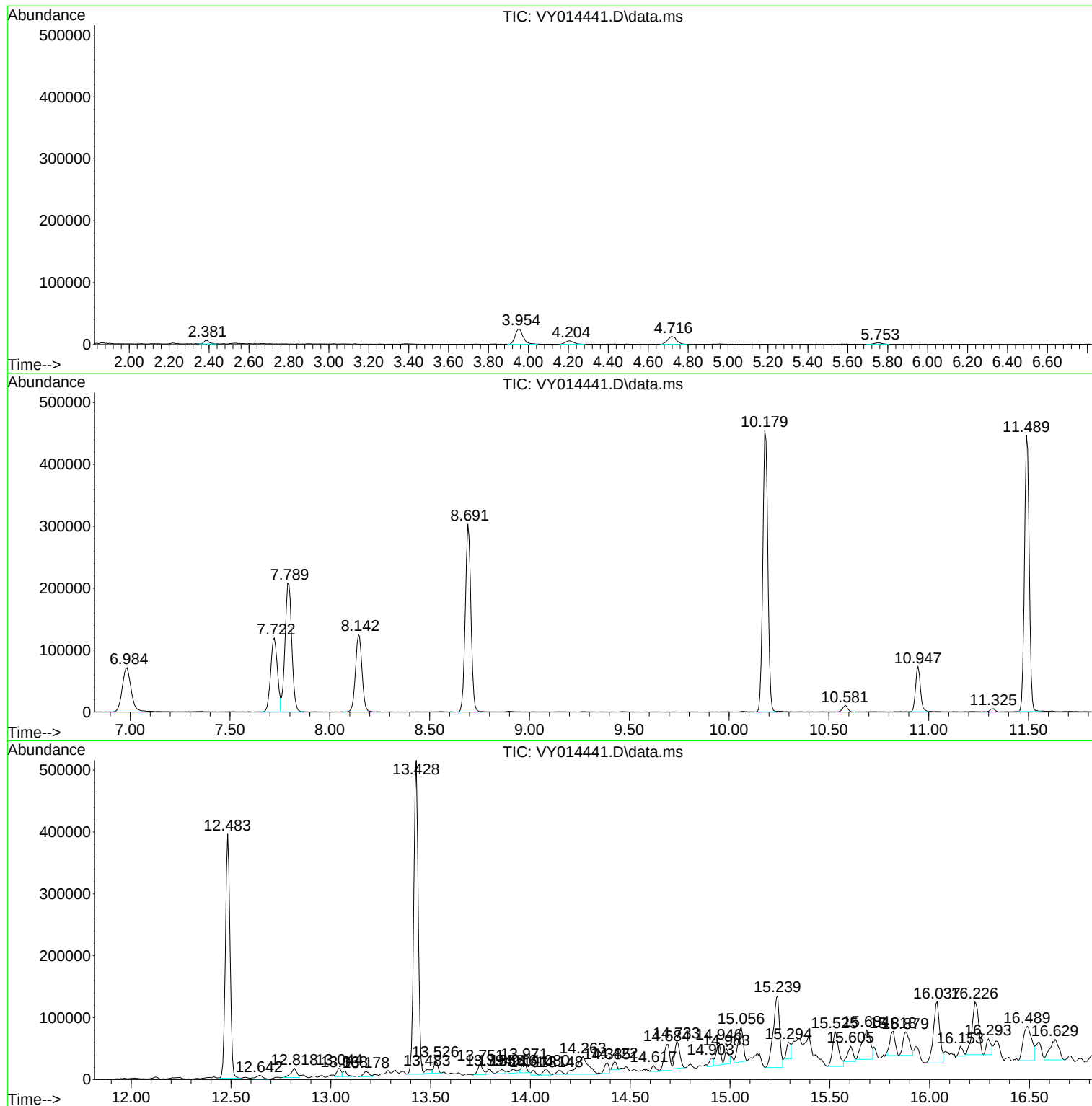
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ClientSampleId :
SB-2(8-10)

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



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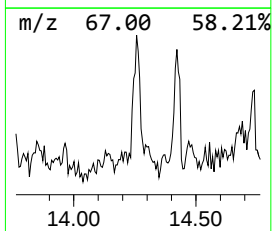
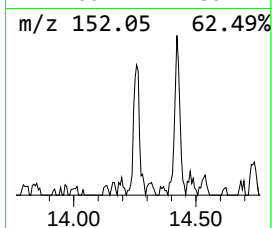
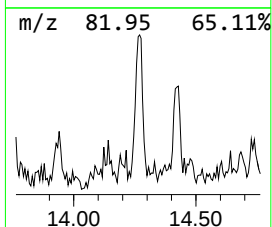
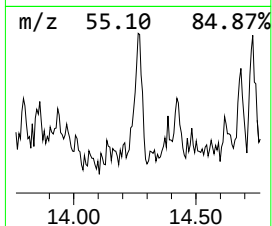
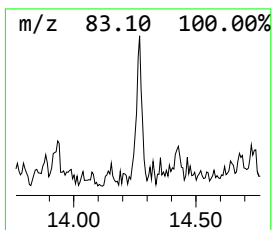
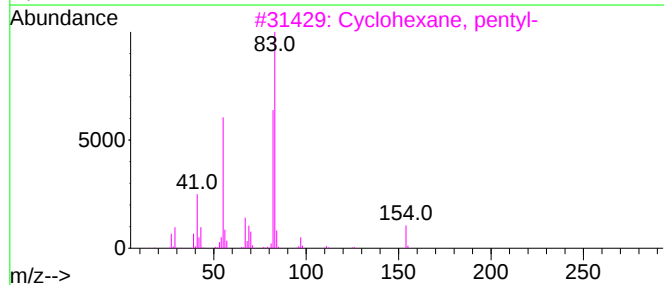
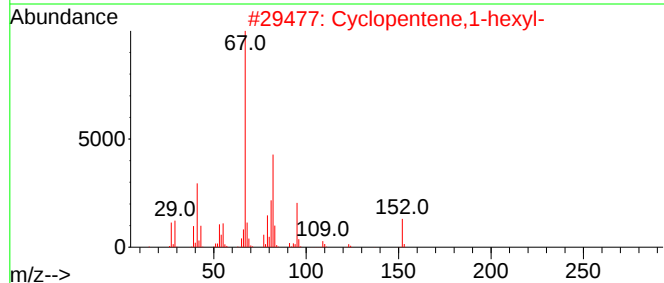
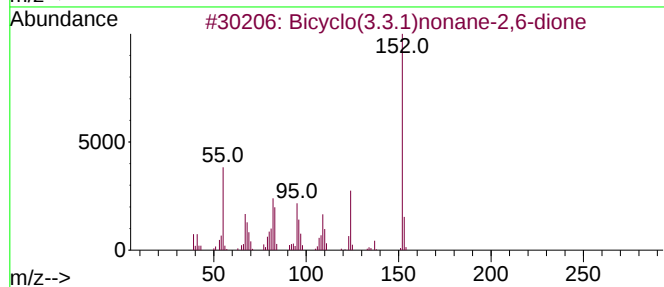
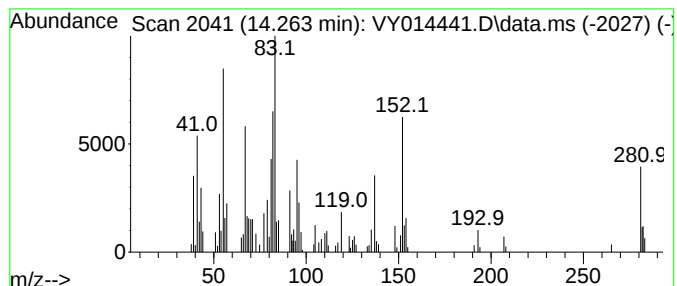
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 3 Bicyclo(3.3.1)nonane-2,6-dione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	7.26 ug/l	114047	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	50
2			Cyclopentene,1-hexyl-	152	C11H20	004291-99-0	43
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
5			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	30



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ALS Vial : 23 Sample Multiplier: 1

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

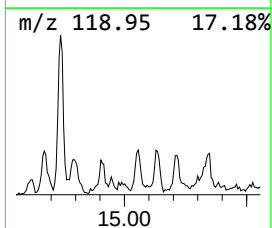
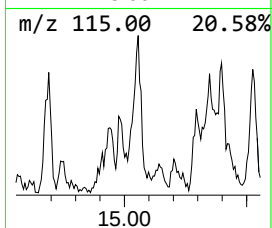
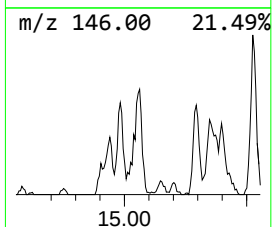
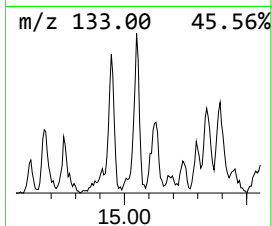
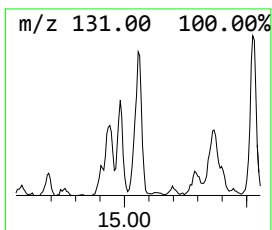
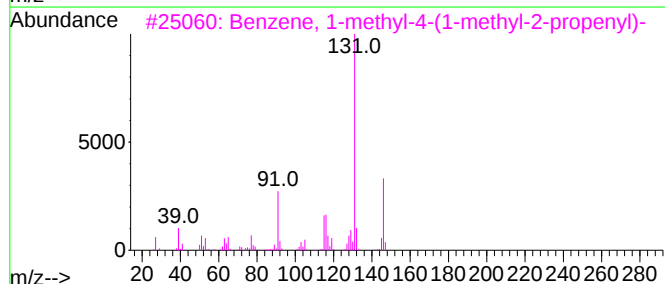
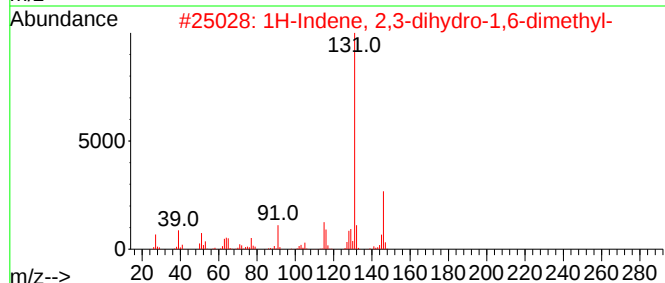
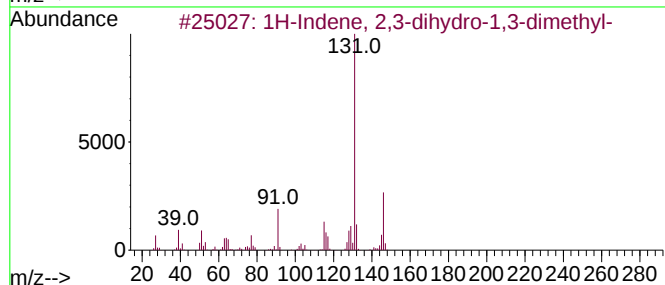
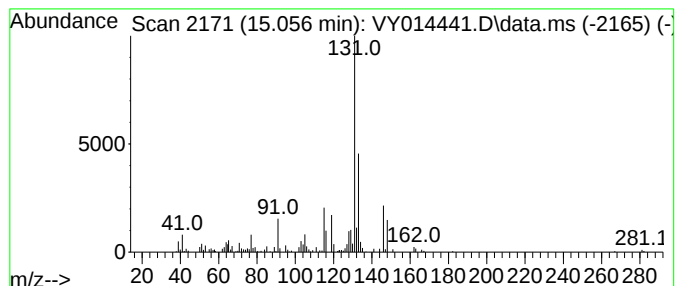
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 4 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	6.58 ug/l	103276	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
3			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	62
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	58
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
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ALS Vial : 23 Sample Multiplier: 1

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

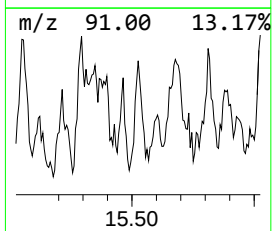
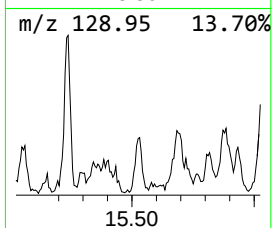
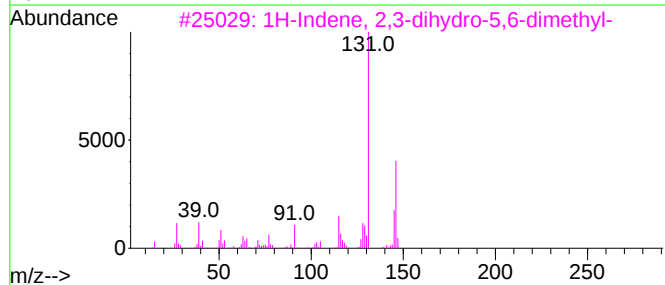
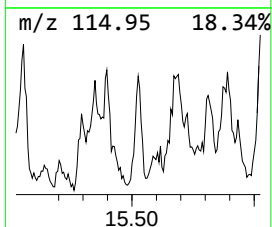
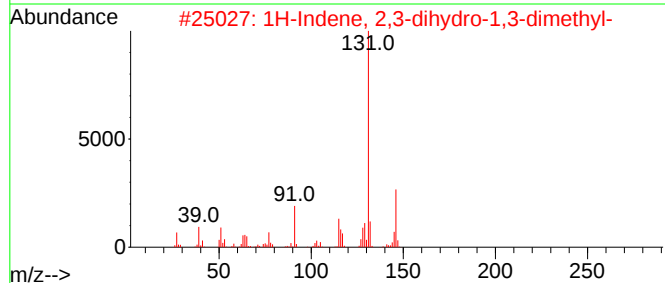
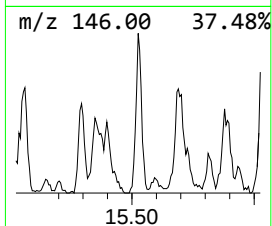
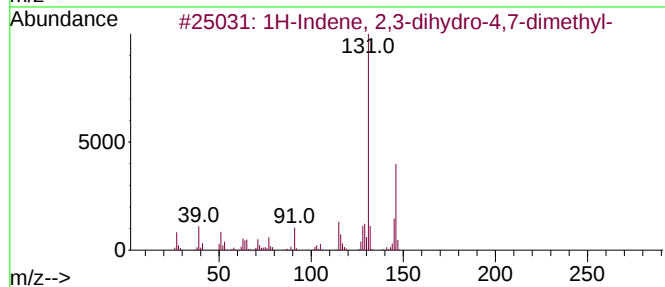
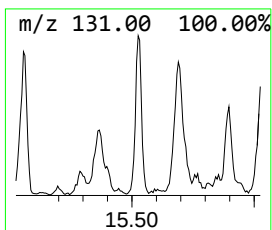
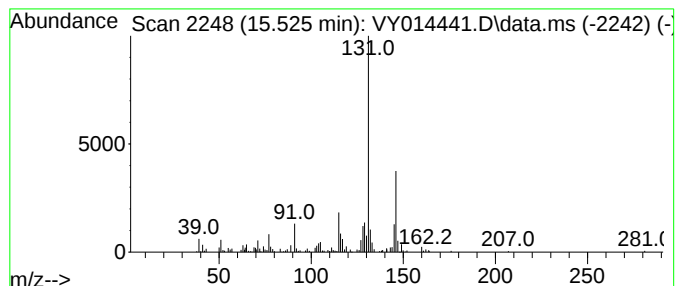
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.525	7.56 ug/l	118808	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93



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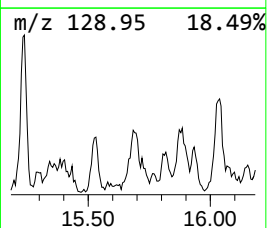
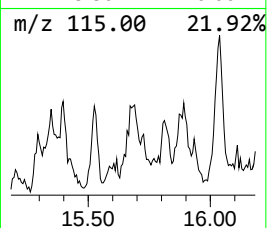
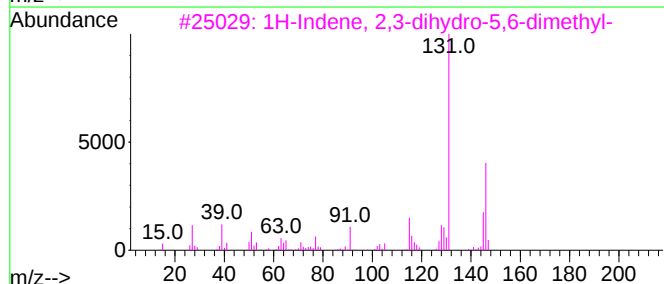
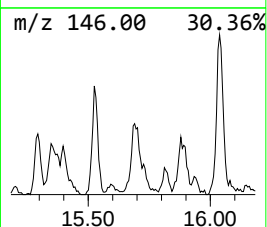
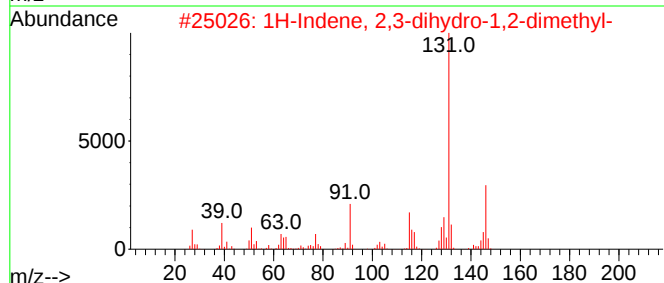
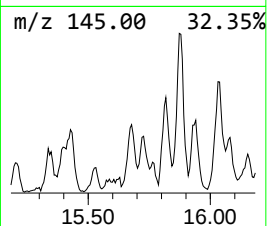
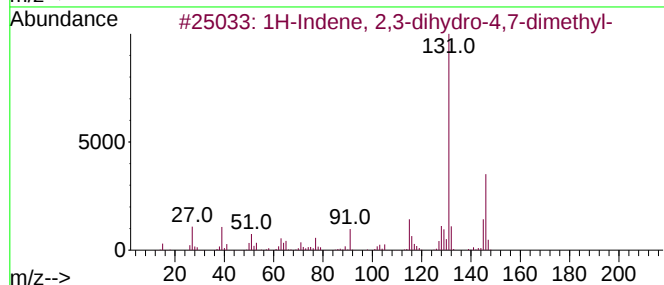
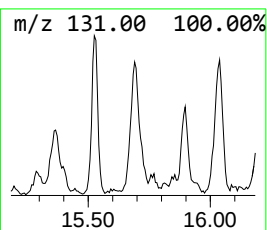
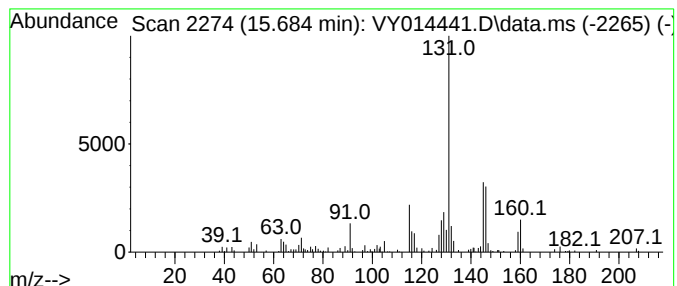
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	8.93 ug/l	140309	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76



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ClientSampleId :
SB-2(8-10)

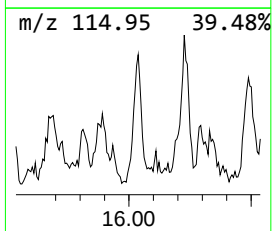
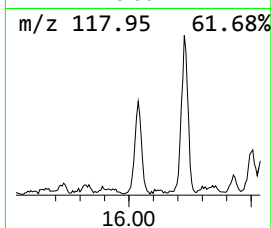
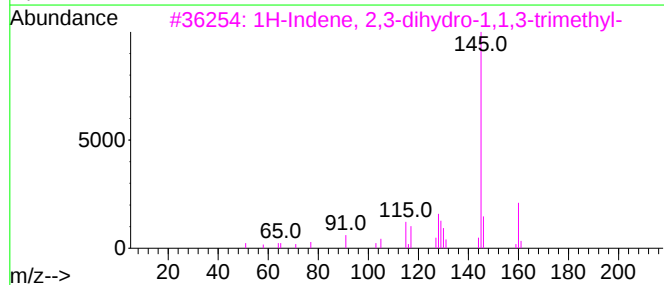
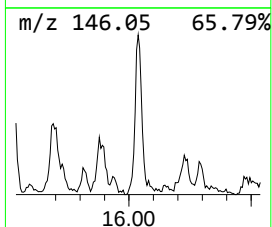
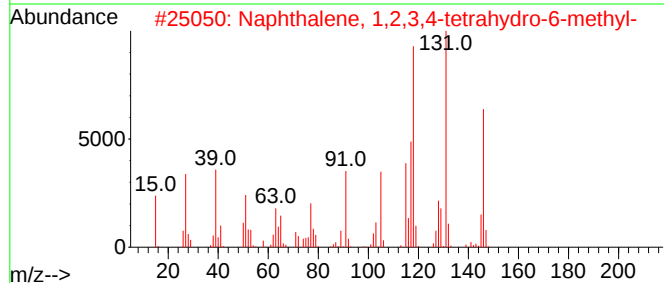
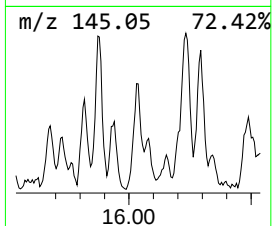
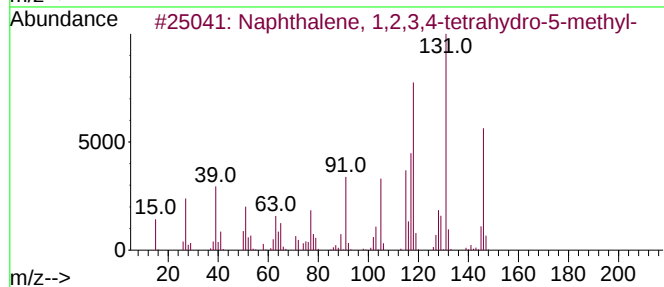
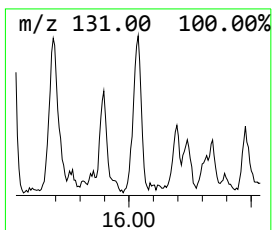
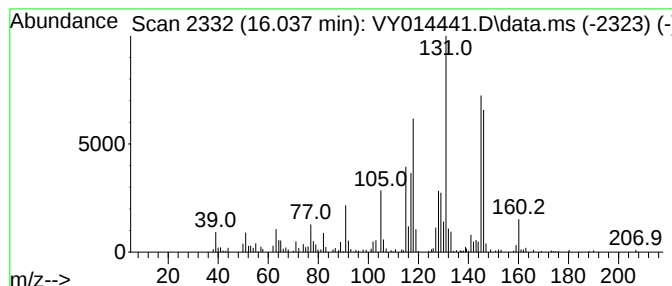
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	13.89 ug/l	218233	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014441.D
Acq On : 26 Jun 2023 18:01
Operator : KP/MD
Sample : 03375-04
Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

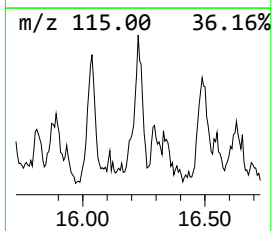
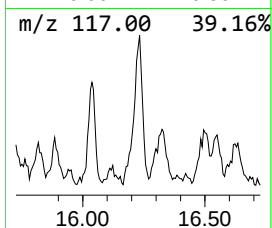
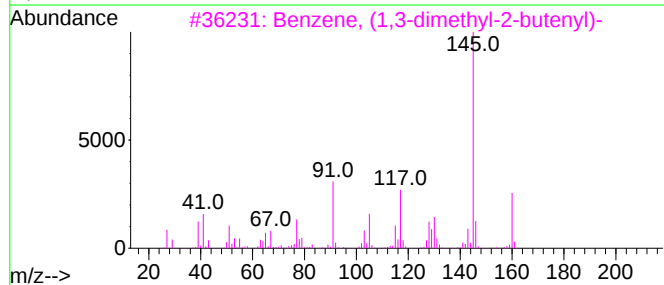
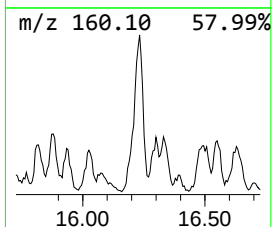
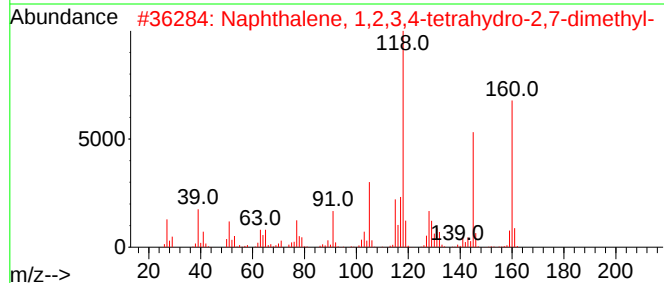
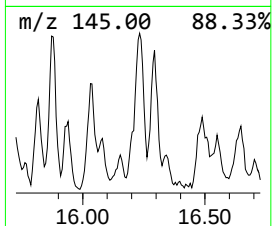
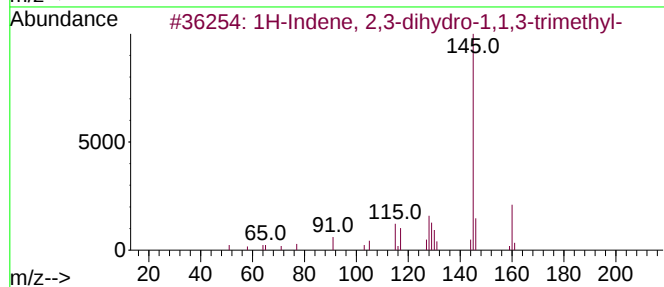
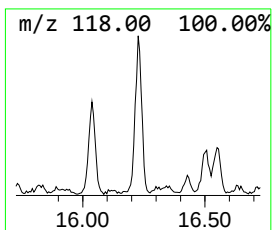
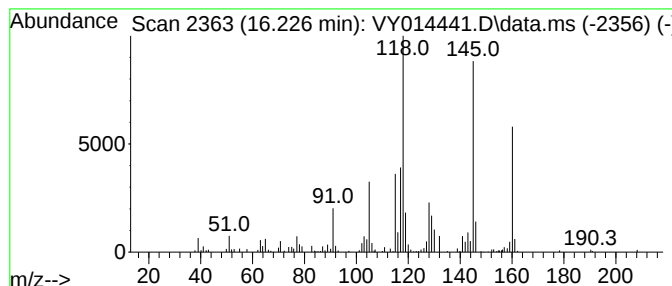
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	12.34 ug/l	193868	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	83
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3			Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	64
4			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	64
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014441.D
Acq On : 26 Jun 2023 18:01
Operator : KP/MD
Sample : 03375-04
Misc : 4.56g/5.0mL/MSVOA_Y/soil
ALS Vial : 23 Sample Multiplier: 1

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

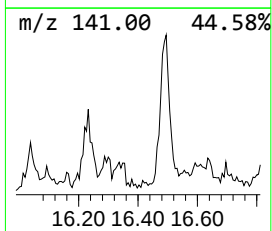
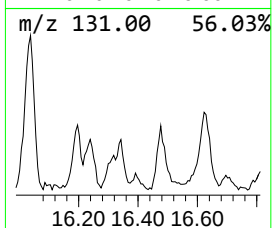
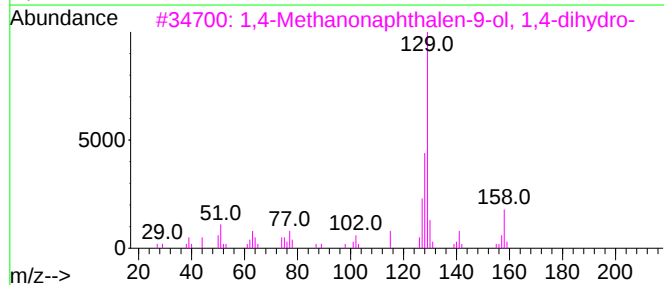
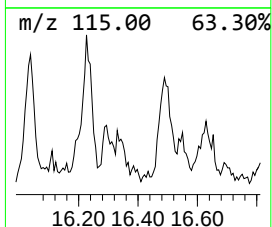
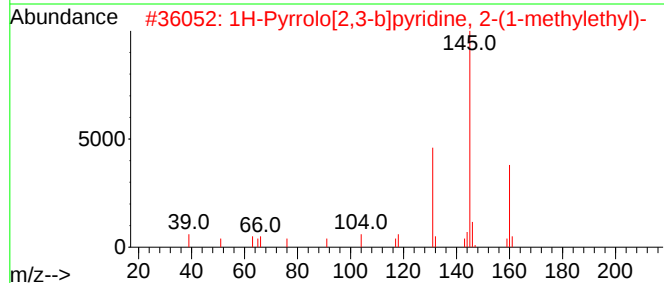
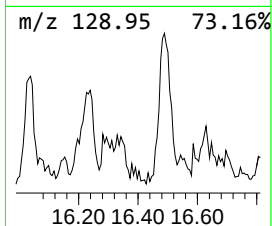
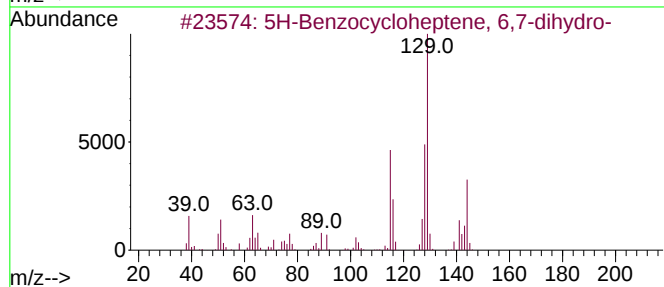
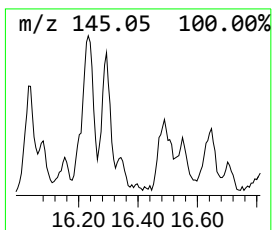
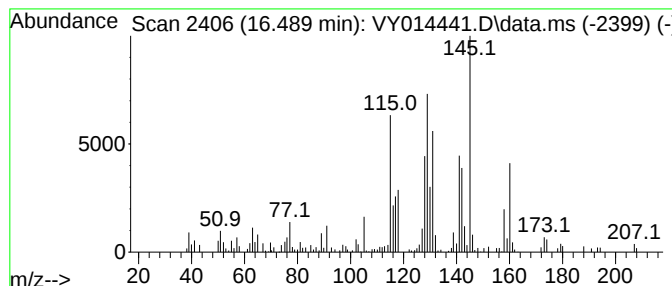
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Quant Title : SW846 8260

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

Peak Number 9 unknown16.489 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	10.59 ug/l	166258	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	35
2			1H-Pyrrolo[2,3-b]pyridine, 2-(1-methylethyl)-	160	C10H12N2	027257-18-7	30
3			1,4-Methanonaphthalen-9-ol, 1,4-dihydro-	158	C11H10O	004796-33-2	25
4			Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	25
5			Benzene, 1-(1-methylethenyl)-4-(1-methylethenyl)-	160	C12H16	002388-14-9	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014441.D
Acq On : 26 Jun 2023 18:01
Operator : KP/MD
Sample : 03375-04
Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

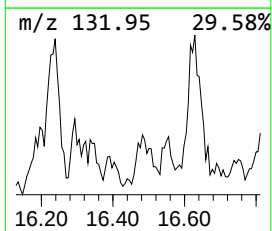
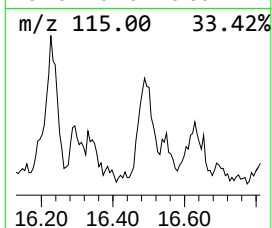
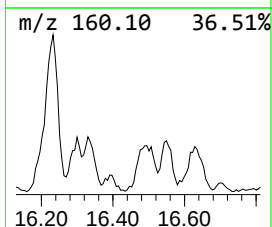
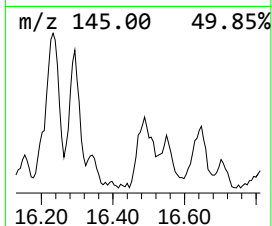
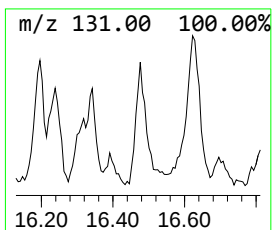
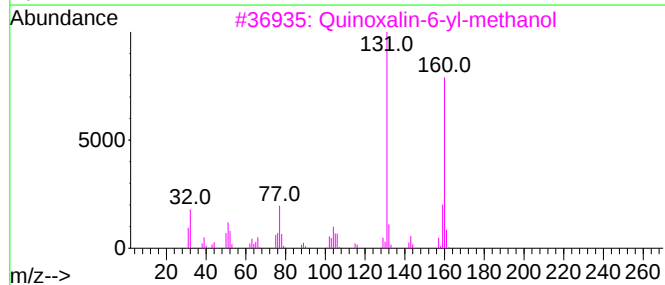
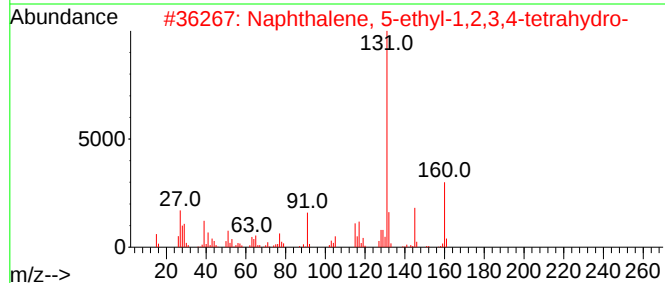
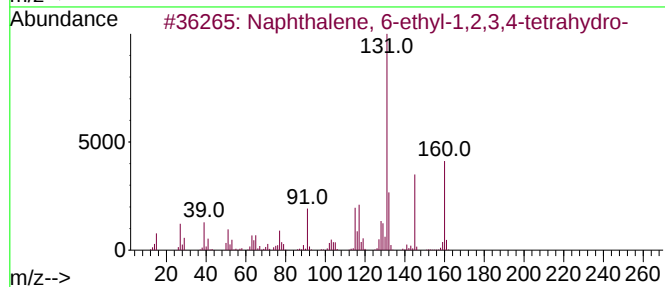
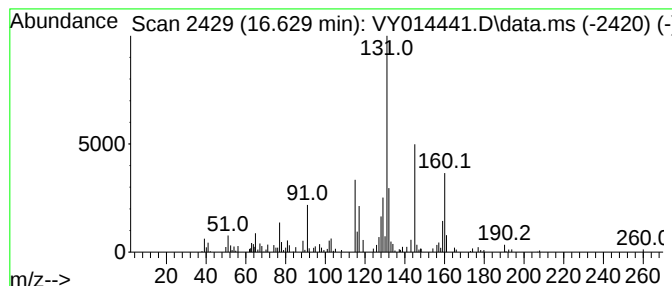
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.629	6.47 ug/l	101666	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	81
2			Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	58
3			Quinoxalin-6-yl-methanol	160	C9H8N2O	1000318-21-1	45
4			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	43
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014441.D
Acq On : 26 Jun 2023 18:01
Operator : KP/MD
Sample : 03375-04
Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

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
Bicyclo(3.3.1)n...	14.263	7.3	ug/l	114047	4	13.428	785316	50.0
1H-Indene, 2,3-...	15.056	6.6	ug/l	103276	4	13.428	785316	50.0
1H-Indene, 2,3-...	15.525	7.6	ug/l	118808	4	13.428	785316	50.0
1H-Indene, 2,3-...	15.684	8.9	ug/l	140309	4	13.428	785316	50.0
Naphthalene, 1,...	16.037	13.9	ug/l	218233	4	13.428	785316	50.0
1H-Indene, 2,3-...	16.226	12.3	ug/l	193868	4	13.428	785316	50.0
unknown16.489	16.489	10.6	ug/l	166258	4	13.428	785316	50.0
Naphthalene, 6-...	16.629	6.5	ug/l	101666	4	13.428	785316	50.0