

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019639.D
 Acq On : 20 Sep 2024 12:39
 Operator : SY/MD
 Sample : P4085-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

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\82Y090924S.M
 Title : SW846 8260

Signal : TIC: VY019639.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.604	464	473	483	rBV2	20973	62694	3.24%	0.363%
2	5.641	632	643	652	rBV6	9437	30674	1.58%	0.177%
3	6.878	834	846	860	rBV	43095	146755	7.57%	0.849%
4	7.628	958	969	975	rBV	270117	651733	33.64%	3.769%
5	7.701	975	981	994	rVB	445995	1019806	52.63%	5.898%
6	8.055	1028	1039	1051	rBV	243412	576180	29.74%	3.333%
7	8.610	1119	1130	1142	rBV	735589	1442479	74.45%	8.343%
8	10.103	1367	1375	1385	rBV	1140551	1937545	100.00%	11.206%
9	10.512	1435	1442	1450	rVB2	30929	56545	2.92%	0.327%
10	10.878	1496	1502	1508	rBV	26739	47779	2.47%	0.276%
11	11.414	1582	1590	1603	rBV	1079390	1697162	87.59%	9.816%
12	12.402	1746	1752	1762	rVB	739686	1207369	62.31%	6.983%
13	12.731	1800	1806	1811	rBV8	17949	37742	1.95%	0.218%
14	12.962	1841	1844	1851	rVB4	28262	43685	2.25%	0.253%
15	13.243	1881	1890	1893	rBV4	25894	54923	2.83%	0.318%
16	13.286	1893	1897	1900	rVV3	23190	39170	2.02%	0.227%
17	13.347	1900	1907	1914	rVB	841515	1323632	68.31%	7.656%
18	13.615	1945	1951	1954	rBV6	8460	23489	1.21%	0.136%
19	13.664	1954	1959	1964	rVV4	66495	121715	6.28%	0.704%
20	13.712	1964	1967	1971	rVB2	23974	31763	1.64%	0.184%
21	13.773	1971	1977	1983	rBV7	22485	55072	2.84%	0.319%
22	13.834	1983	1987	1990	rBV3	27531	48047	2.48%	0.278%
23	13.889	1992	1996	2000	rVB4	41689	64285	3.32%	0.372%
24	13.932	2000	2003	2008	rVB	29594	46269	2.39%	0.268%
25	13.993	2008	2013	2018	rBV6	32097	58297	3.01%	0.337%
26	14.066	2018	2025	2029	rBV8	37169	87381	4.51%	0.505%
27	14.115	2030	2033	2036	rBV4	22907	39815	2.05%	0.230%
28	14.176	2036	2043	2056	rVB4	116709	380258	19.63%	2.199%
29	14.298	2058	2063	2066	rBV2	86041	139057	7.18%	0.804%
30	14.334	2066	2069	2073	rBV2	67915	81812	4.22%	0.473%
31	14.499	2092	2096	2098	rBV4	25038	35062	1.81%	0.203%
32	14.529	2098	2101	2105	rVV3	58892	75932	3.92%	0.439%
33	14.590	2107	2111	2116	rVV3	88199	182258	9.41%	1.054%
34	14.651	2116	2121	2126	rVV3	230918	387276	19.99%	2.240%
35	14.706	2126	2130	2136	rVB5	66051	131915	6.81%	0.763%
36	14.791	2140	2144	2147	rBV3	46534	59509	3.07%	0.344%

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37	14.859	2151	2155	2158	rBV2	212180	286544	14.79%	1.657%
38	14.919	2162	2165	2167	rVV4	67973	88226	4.55%	0.510%
39	14.962	2167	2172	2178	rVB3	187996	382172	19.72%	2.210%
40	15.054	2183	2187	2192	rVB4	156308	258942	13.36%	1.498%
41	15.121	2192	2198	2205	rBV3	267118	522223	26.95%	3.020%
42	15.182	2206	2208	2213	rBV5	33818	45005	2.32%	0.260%
43	15.249	2215	2219	2223	rBV3	99017	152211	7.86%	0.880%
44	15.334	2231	2233	2242	rVB7	85013	164218	8.48%	0.950%
45	15.419	2242	2247	2248	rBV3	81356	131207	6.77%	0.759%
46	15.505	2258	2261	2265	rVB2	118013	169875	8.77%	0.983%
47	15.572	2265	2272	2279	rBV8	153615	482494	24.90%	2.791%
48	15.773	2300	2305	2311	rBV4	170658	396256	20.45%	2.292%
49	15.919	2323	2329	2334	rBV3	217401	422686	21.82%	2.445%
50	15.968	2334	2337	2345	rVB8	69998	159220	8.22%	0.921%
51	16.047	2346	2350	2353	rBV3	116171	168264	8.68%	0.973%
52	16.175	2367	2371	2374	rVV2	80345	115432	5.96%	0.668%
53	16.224	2375	2379	2387	rVB3	173675	317610	16.39%	1.837%
54	16.358	2396	2401	2406	rBV4	190473	392171	20.24%	2.268%
55	16.474	2415	2420	2424	rBV5	99721	209872	10.83%	1.214%

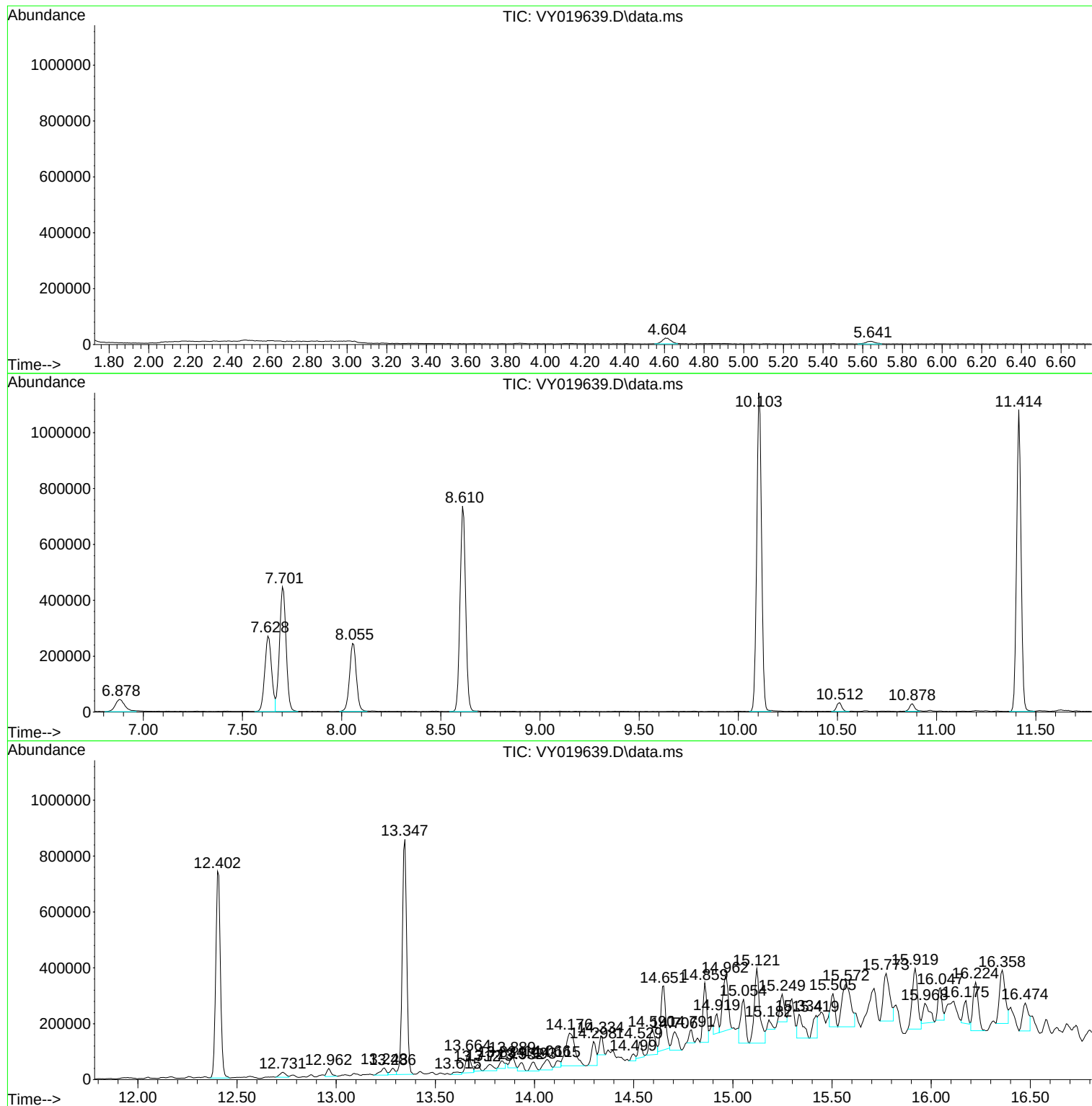
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Quant Title : SW846 8260

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



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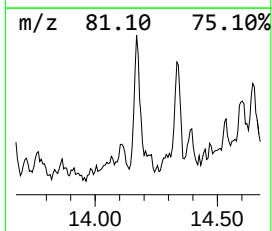
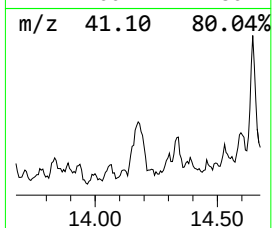
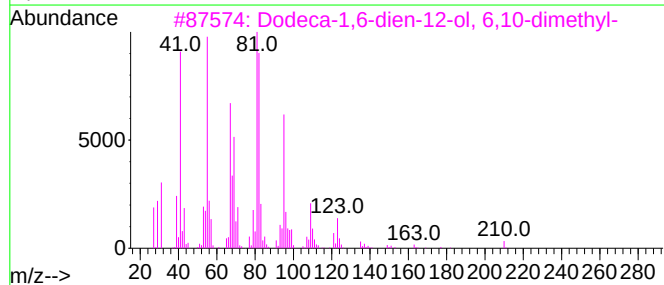
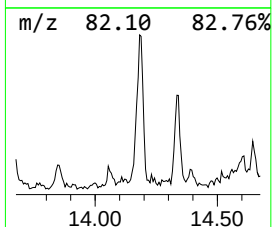
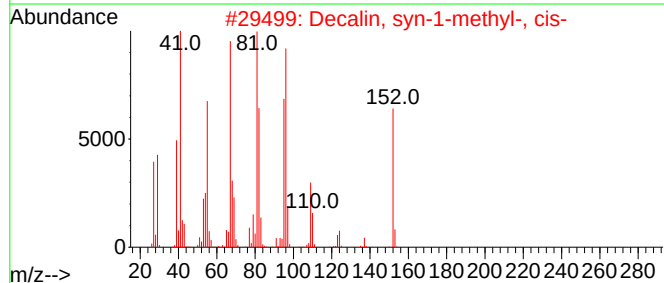
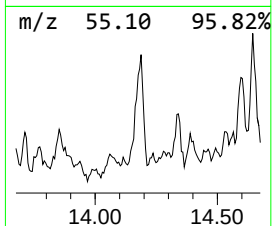
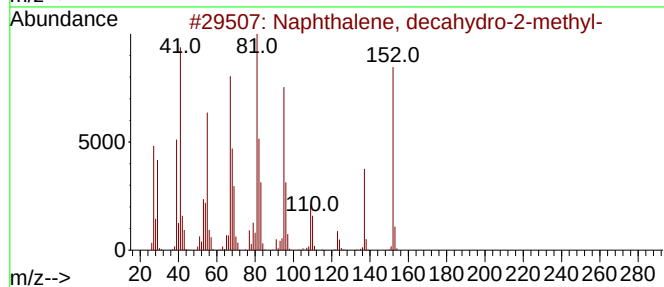
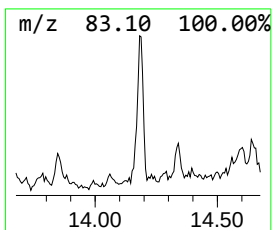
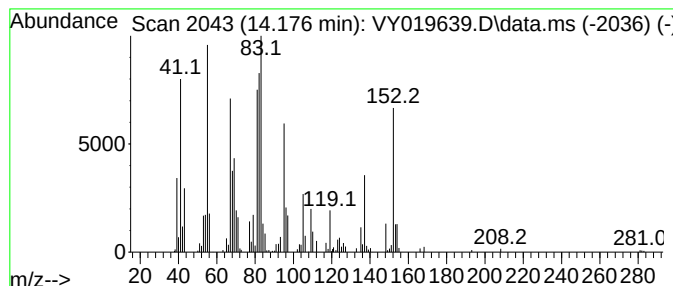
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	14.36 ug/l	380258	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	55
3			Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	49
4			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	43
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38



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Instrument :
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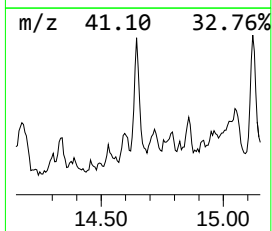
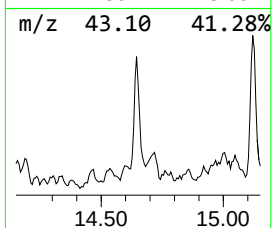
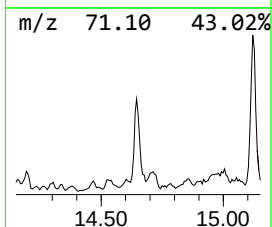
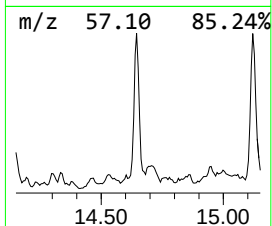
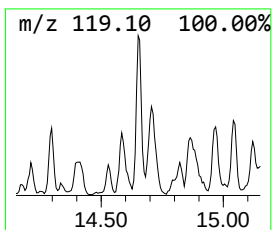
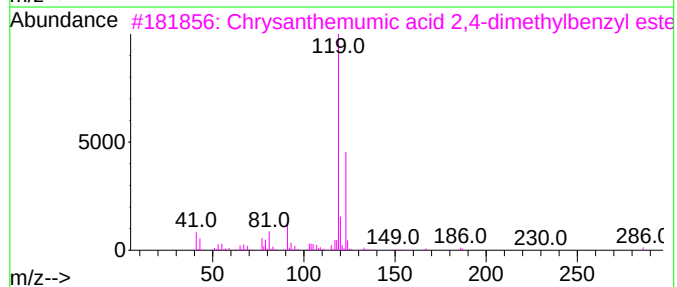
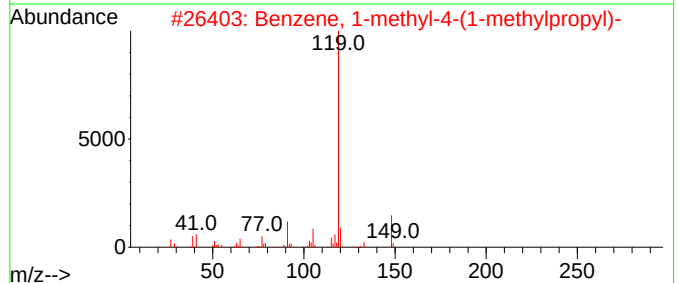
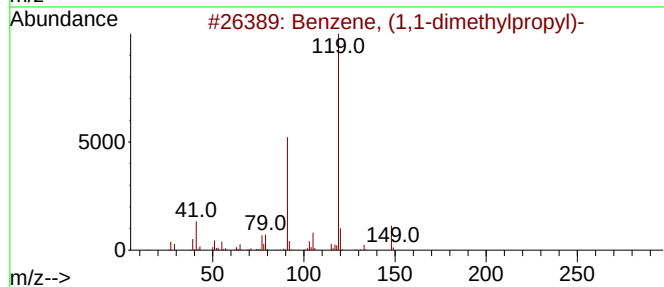
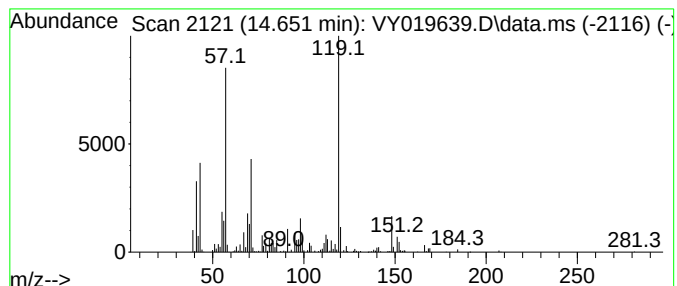
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown14.651 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	14.63 ug/l	387276	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
3			Chrysanthemic acid 2,4-dimethy...	286	C19H26O2	000070-38-2	38
4			2,4-Diphenyl-4-methyl-1-pentene	236	C18H20	1000111-58-0	38
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38



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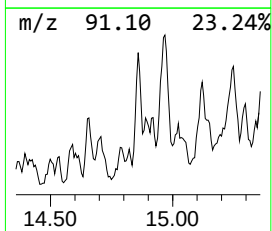
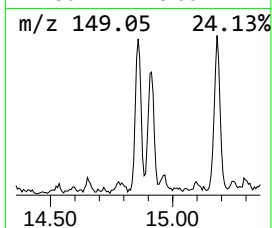
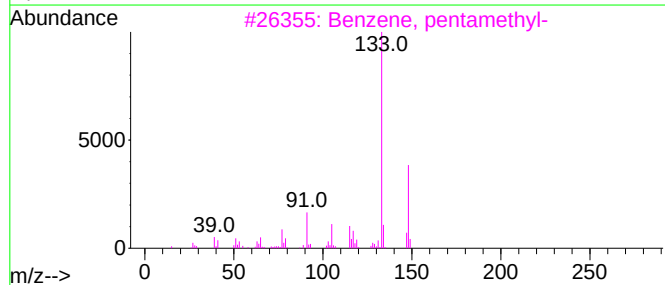
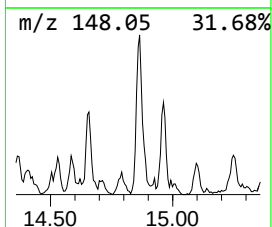
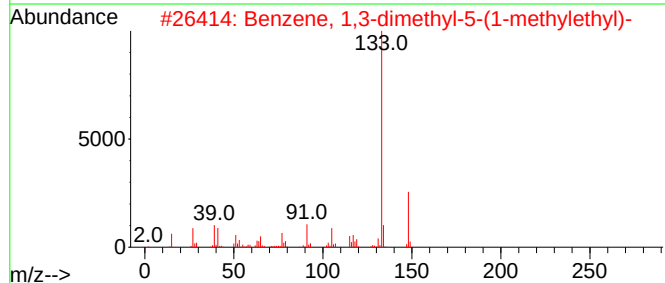
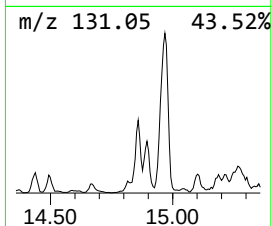
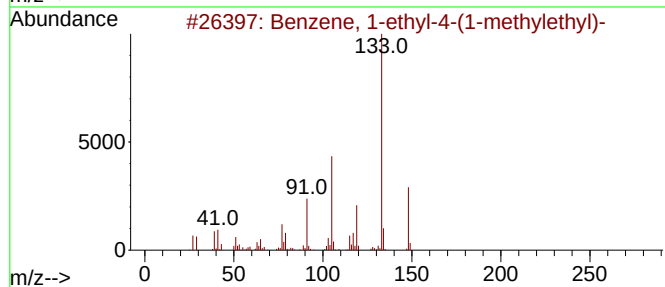
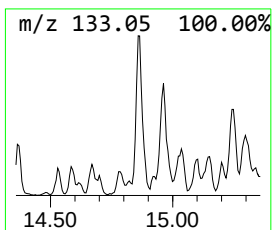
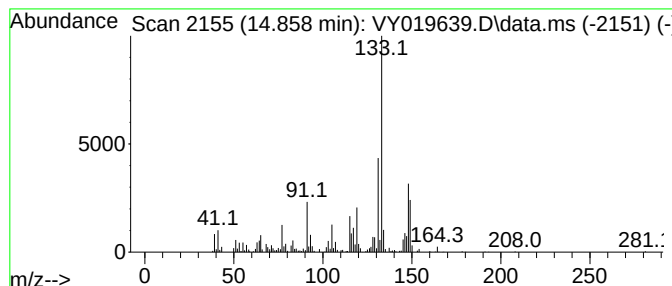
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.858	10.82 ug/l	286544	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	53
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	53
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
5			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	49



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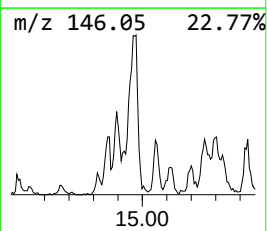
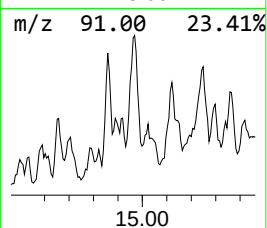
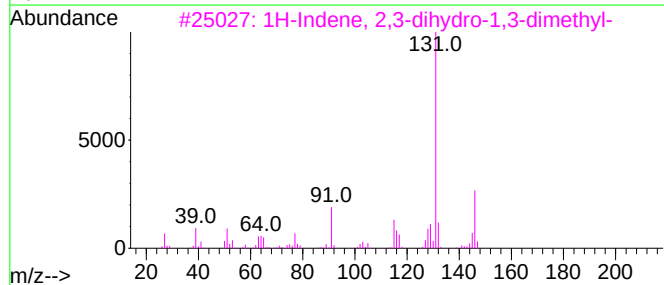
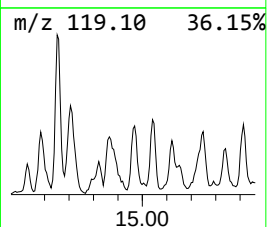
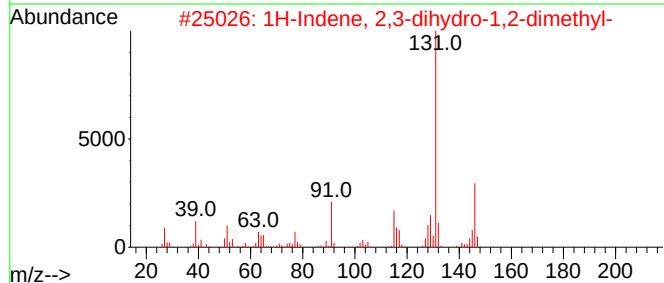
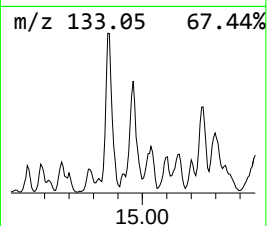
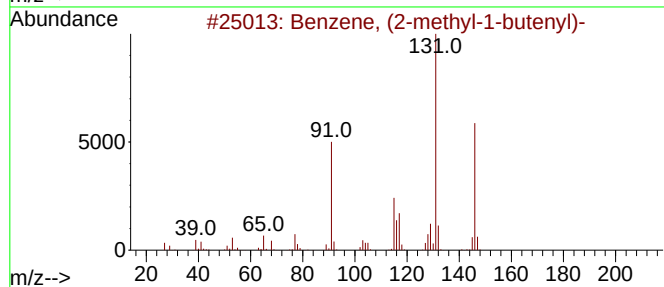
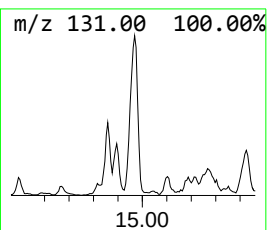
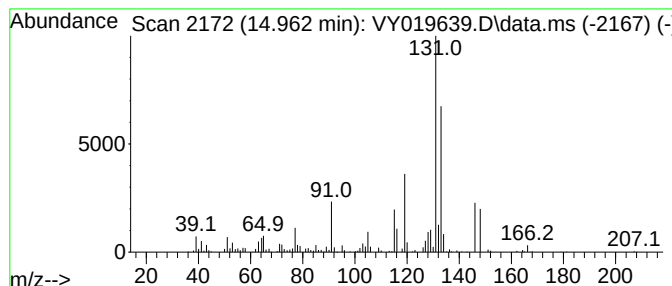
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.962	14.44 ug/l	382172	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
4			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	58
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	58



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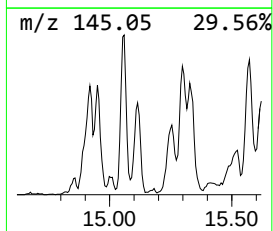
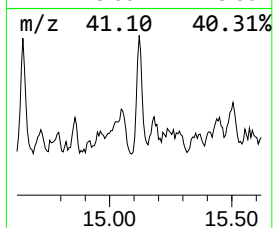
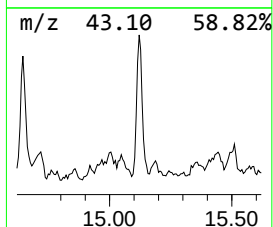
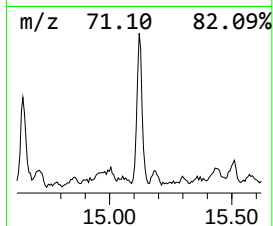
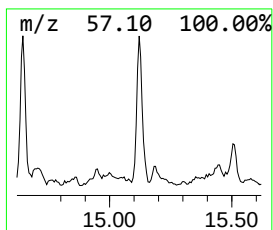
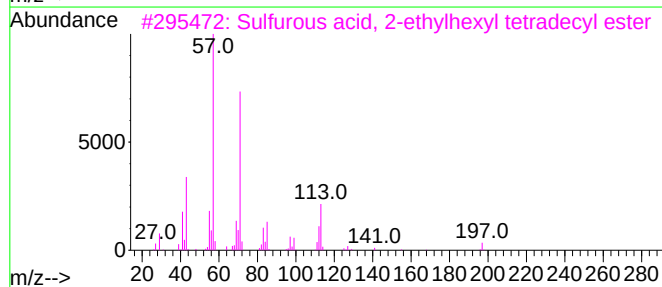
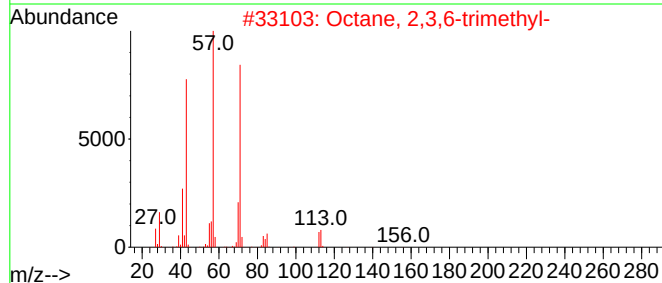
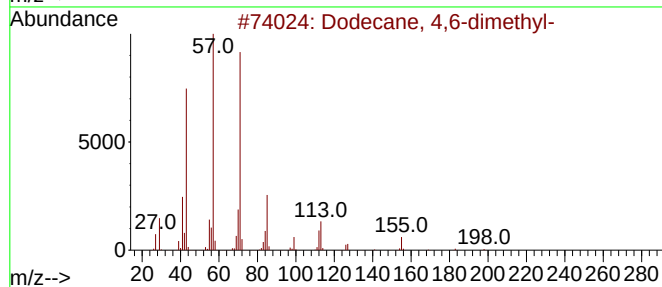
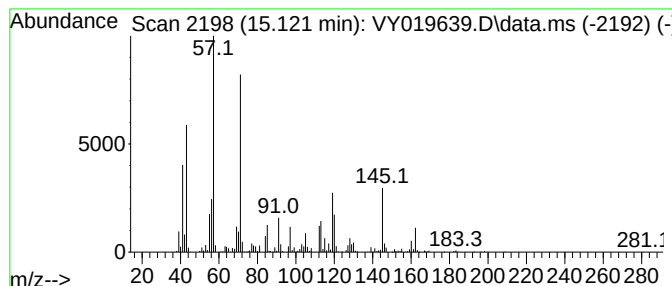
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane, 4,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	19.73 ug/l	522223	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
2			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50
3			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	50
4			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	47
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019639.D
Acq On : 20 Sep 2024 12:39
Operator : SY/MD
Sample : P4085-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

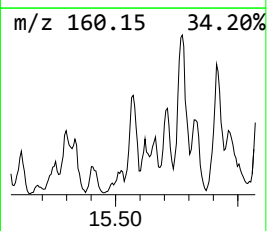
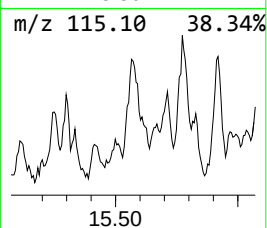
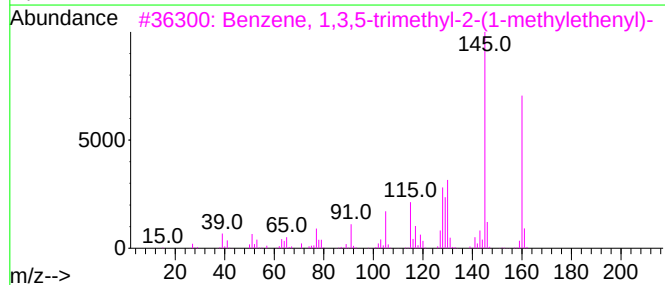
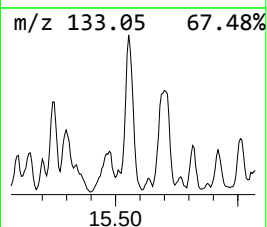
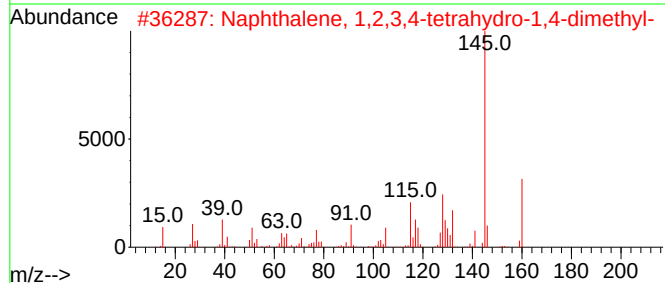
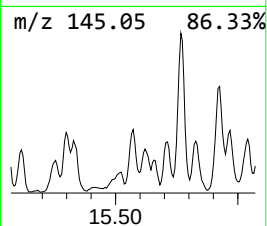
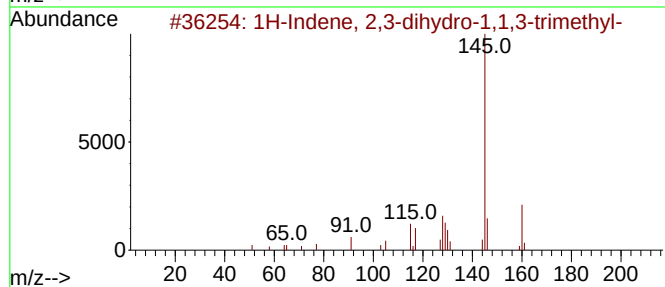
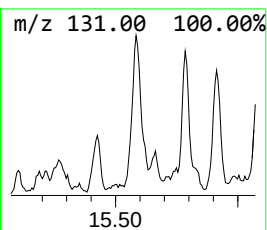
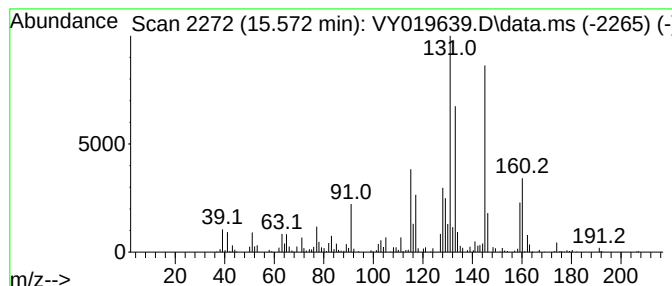
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	18.23 ug/l	482494	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60		
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49		
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49		
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	46		
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	45		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019639.D
Acq On : 20 Sep 2024 12:39
Operator : SY/MD
Sample : P4085-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

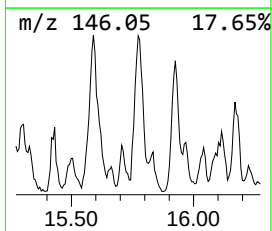
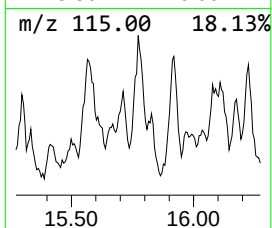
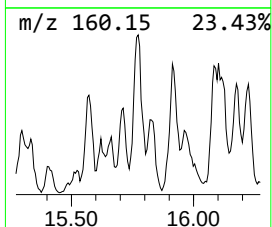
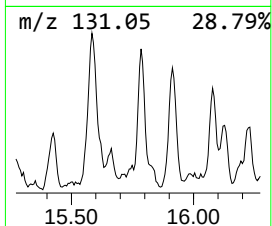
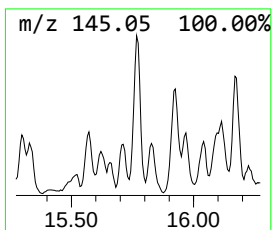
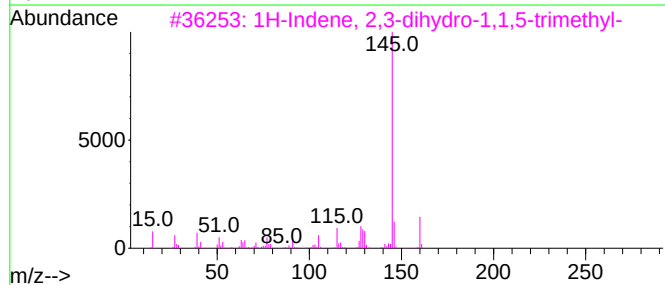
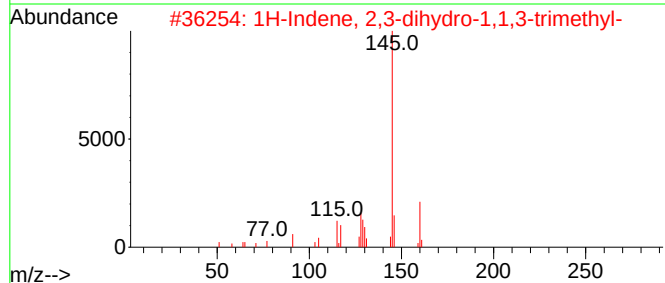
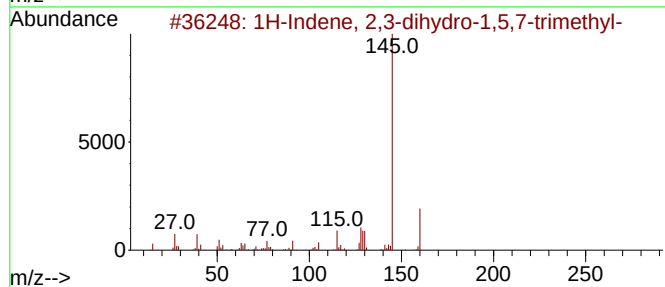
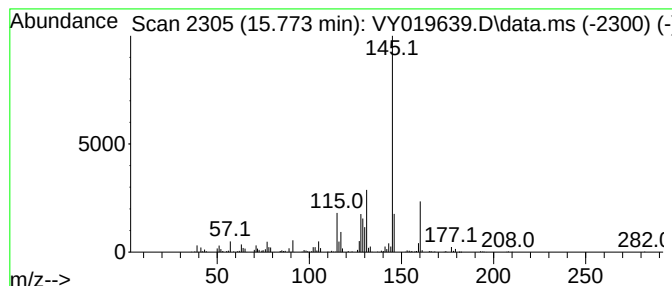
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.773	14.97 ug/l	396256	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	91
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
3			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
5			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019639.D
Acq On : 20 Sep 2024 12:39
Operator : SY/MD
Sample : P4085-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

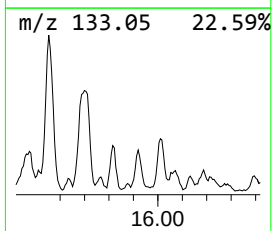
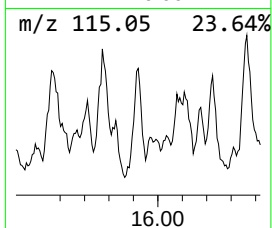
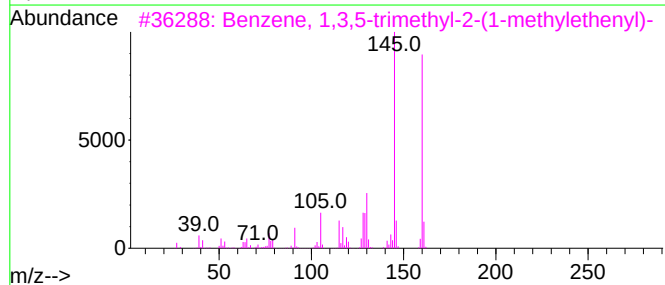
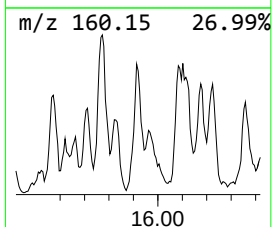
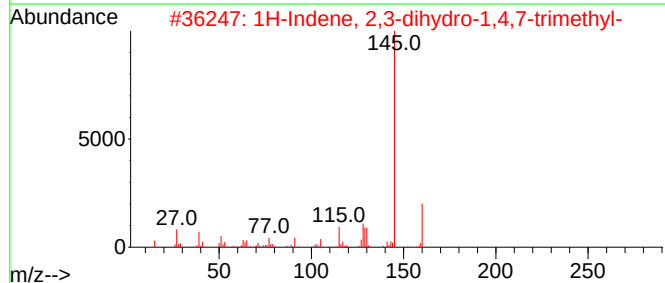
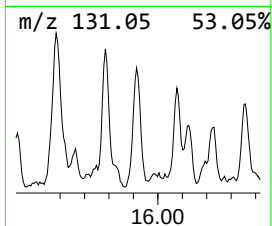
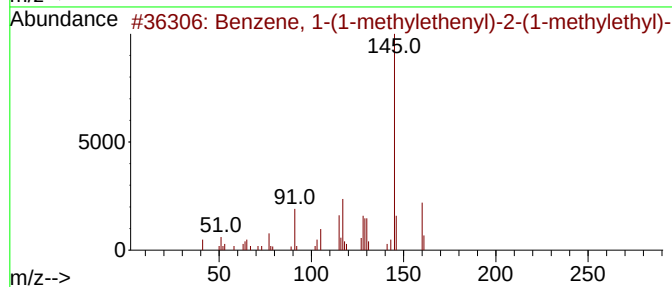
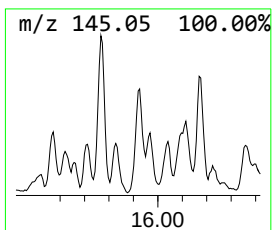
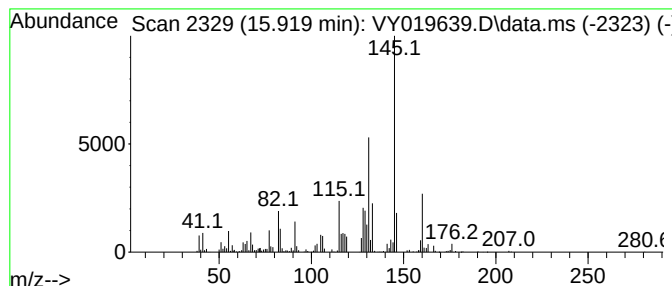
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-(1-methylethenyl)... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.919	15.97 ug/l	422686	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	64
2			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	64
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58
5			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019639.D
Acq On : 20 Sep 2024 12:39
Operator : SY/MD
Sample : P4085-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

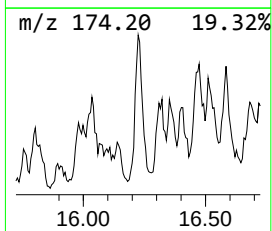
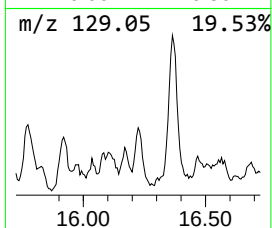
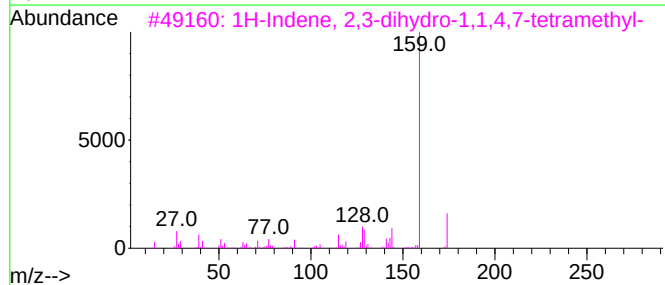
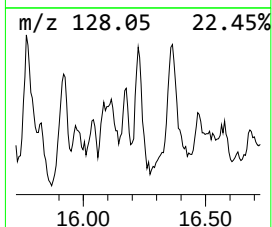
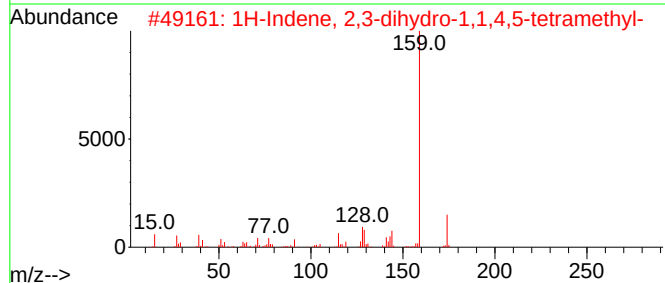
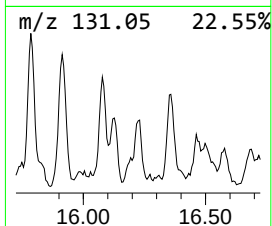
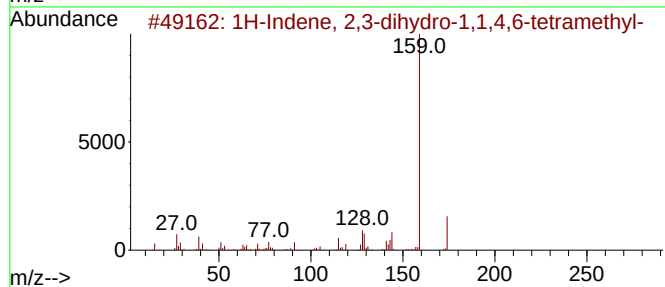
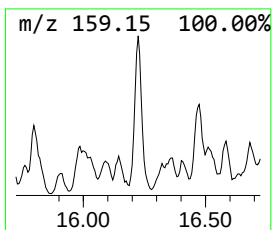
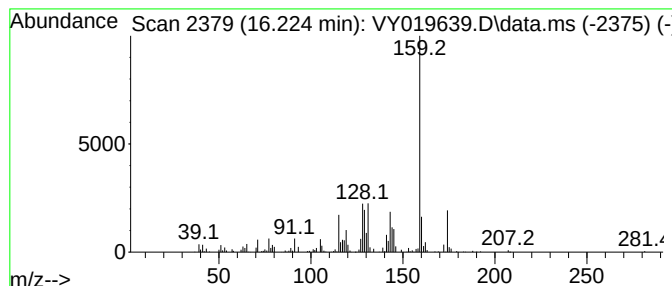
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.224	12.00 ug/l	317610	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	95
2			1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	95
3			1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	95
4			Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	95
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019639.D
Acq On : 20 Sep 2024 12:39
Operator : SY/MD
Sample : P4085-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

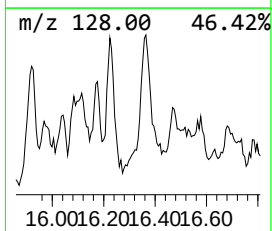
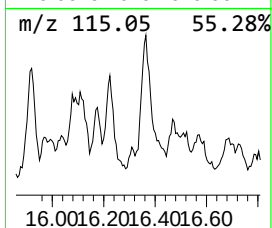
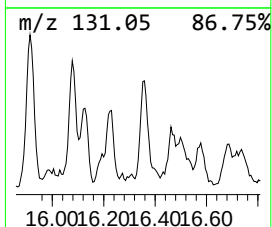
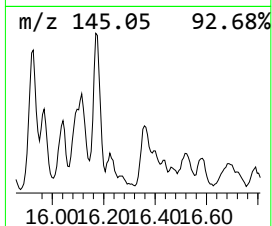
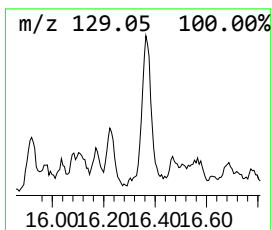
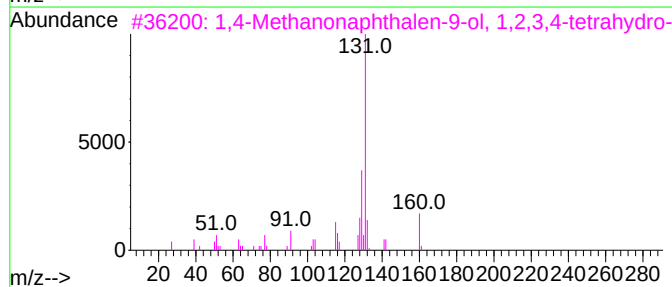
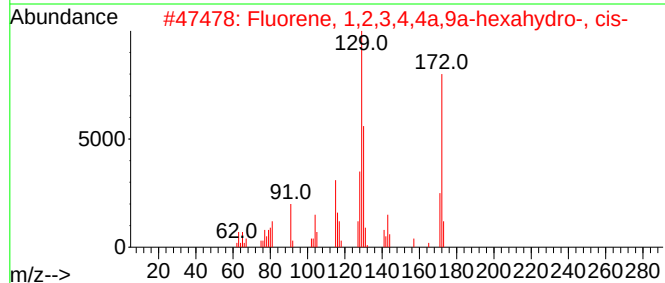
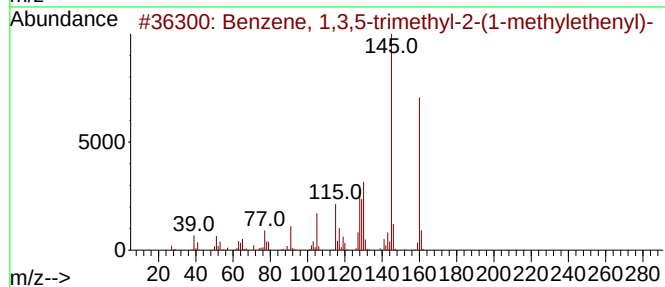
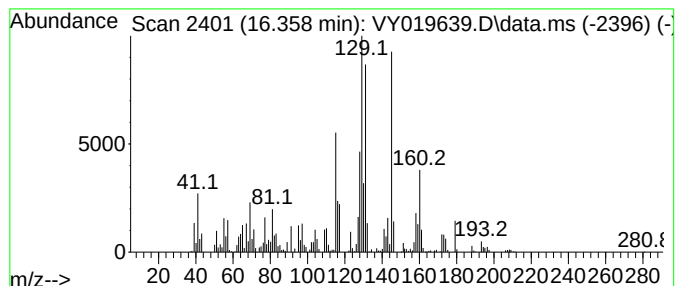
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Quant Title : SW846 8260

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

Peak Number 10 unknown16.358 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.358	14.81 ug/l	392171	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43
2			Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	41
3			1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	38
4			1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	35
5			(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019639.D
Acq On : 20 Sep 2024 12:39
Operator : SY/MD
Sample : P4085-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.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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unknown14.651	14.651	14.6	ug/l	387276	4	13.347	1323630	50.0
Benzene, 1-ethy...	14.858	10.8	ug/l	286544	4	13.347	1323630	50.0
Benzene, (2-met...	14.962	14.4	ug/l	382172	4	13.347	1323630	50.0
Dodecane, 4,6-d...	15.121	19.7	ug/l	522223	4	13.347	1323630	50.0
1H-Indene, 2,3-...	15.572	18.2	ug/l	482494	4	13.347	1323630	50.0
1H-Indene, 2,3-...	15.773	15.0	ug/l	396256	4	13.347	1323630	50.0
Benzene, 1-(1-m...	15.919	16.0	ug/l	422686	4	13.347	1323630	50.0
1H-Indene, 2,3-...	16.224	12.0	ug/l	317610	4	13.347	1323630	50.0
unknown16.358	16.358	14.8	ug/l	392171	4	13.347	1323630	50.0