

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005212.D
 Acq On : 24 Jun 2021 15:38
 Operator : SY/MD
 Sample : M2842-01
 Misc : 7.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-2-72-11966-RB-21140

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\82Y062221S.M
 Title : SW846 8260

Signal : TIC: VY005212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.071	36	41	46	rBV3	6328	15414	1.02%	0.150%
2	4.735	467	478	487	rBV2	6375	21242	1.41%	0.206%
3	7.728	958	969	975	rBV	152646	360662	23.96%	3.505%
4	7.801	975	981	992	rVB	239425	541701	35.99%	5.264%
5	8.149	1029	1038	1049	rBV	135353	300970	19.99%	2.925%
6	8.697	1120	1128	1145	rBV	371207	722099	47.97%	7.017%
7	9.185	1195	1208	1216	rBV4	9507	23117	1.54%	0.225%
8	10.185	1364	1372	1380	rBV	599770	1034951	68.76%	10.057%
9	11.093	1516	1521	1527	rVB2	22321	37800	2.51%	0.367%
10	11.496	1579	1587	1598	rBV	543901	877720	58.31%	8.529%
11	11.758	1623	1630	1639	rVB5	8326	24271	1.61%	0.236%
12	12.489	1742	1750	1758	rBV2	860748	1505246	100.00%	14.626%
13	12.648	1768	1776	1783	rVB2	21553	39442	2.62%	0.383%
14	12.813	1798	1803	1815	rVB8	16433	39839	2.65%	0.387%
15	12.971	1822	1829	1835	rVB2	8399	19468	1.29%	0.189%
16	13.123	1849	1854	1858	rBV	14663	23444	1.56%	0.228%
17	13.319	1879	1886	1889	rVV4	10271	18508	1.23%	0.180%
18	13.428	1898	1904	1914	rVB	501190	800509	53.18%	7.778%
19	13.568	1918	1927	1929	rBV7	9008	19818	1.32%	0.193%
20	13.623	1933	1936	1940	rVV2	34805	48686	3.23%	0.473%
21	13.666	1940	1943	1951	rVB4	42321	78179	5.19%	0.760%
22	13.751	1951	1957	1962	rBV3	28535	52623	3.50%	0.511%
23	13.825	1962	1969	1975	rBV	25229	43754	2.91%	0.425%
24	13.886	1975	1979	1981	rBV	19911	25652	1.70%	0.249%
25	13.916	1981	1984	1988	rVB	27293	34367	2.28%	0.334%
26	13.971	1988	1993	1999	rVB3	83340	132605	8.81%	1.289%
27	14.081	2006	2011	2016	rVB	72847	112455	7.47%	1.093%
28	14.142	2016	2021	2022	rBV2	13106	21521	1.43%	0.209%
29	14.215	2027	2033	2037	rBV	27867	46058	3.06%	0.448%
30	14.257	2037	2040	2044	rVV3	31789	50302	3.34%	0.489%
31	14.300	2044	2047	2050	rVV	34302	49348	3.28%	0.480%
32	14.337	2050	2053	2057	rVB	54639	69976	4.65%	0.680%
33	14.385	2057	2061	2064	rBV	36832	51745	3.44%	0.503%
34	14.422	2064	2067	2071	rVV2	45063	57761	3.84%	0.561%
35	14.483	2074	2077	2079	rVV3	13329	20363	1.35%	0.198%
36	14.520	2079	2083	2087	rVV2	34119	57572	3.82%	0.559%

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37	14.568	2087	2091	2096	rVV2	54450	100131	6.65%	0.973%
38	14.617	2096	2099	2103	rVB	44712	61398	4.08%	0.597%
39	14.684	2103	2110	2116	rBV4	177495	401207	26.65%	3.898%
40	14.739	2116	2119	2125	rVB2	40611	64440	4.28%	0.626%
41	14.837	2130	2135	2140	rVV	128176	203732	13.53%	1.980%
42	14.910	2143	2147	2148	rVV	22710	31246	2.08%	0.304%
43	14.946	2148	2153	2156	rVV2	75570	141778	9.42%	1.378%
44	14.983	2156	2159	2164	rVV2	53270	105230	6.99%	1.023%
45	15.056	2165	2171	2179	rVB3	83337	201647	13.40%	1.959%
46	15.215	2191	2197	2200	rBV5	17866	43819	2.91%	0.426%
47	15.294	2205	2210	2214	rVV	81415	132179	8.78%	1.284%
48	15.361	2214	2221	2231	rVV5	56498	224026	14.88%	2.177%
49	15.434	2231	2233	2241	rVB6	25071	44947	2.99%	0.437%
50	15.525	2242	2248	2255	rBV3	51559	118932	7.90%	1.156%
51	15.605	2257	2261	2266	rVB3	15327	26588	1.77%	0.258%
52	15.696	2267	2276	2277	rBV4	47341	100393	6.67%	0.976%
53	15.727	2277	2281	2290	rVB	134763	250745	16.66%	2.436%
54	15.818	2292	2296	2301	rVB4	16039	26048	1.73%	0.253%
55	15.891	2302	2308	2314	rBV3	35078	78266	5.20%	0.761%
56	16.038	2325	2332	2339	rBV	90483	187091	12.43%	1.818%
57	16.233	2355	2364	2370	rBV3	78451	175143	11.64%	1.702%
58	16.294	2370	2374	2380	rBV2	26996	53871	3.58%	0.523%
59	16.495	2400	2407	2413	rBV6	25386	78161	5.19%	0.759%
60	16.629	2422	2429	2438	rVB3	23943	61124	4.06%	0.594%

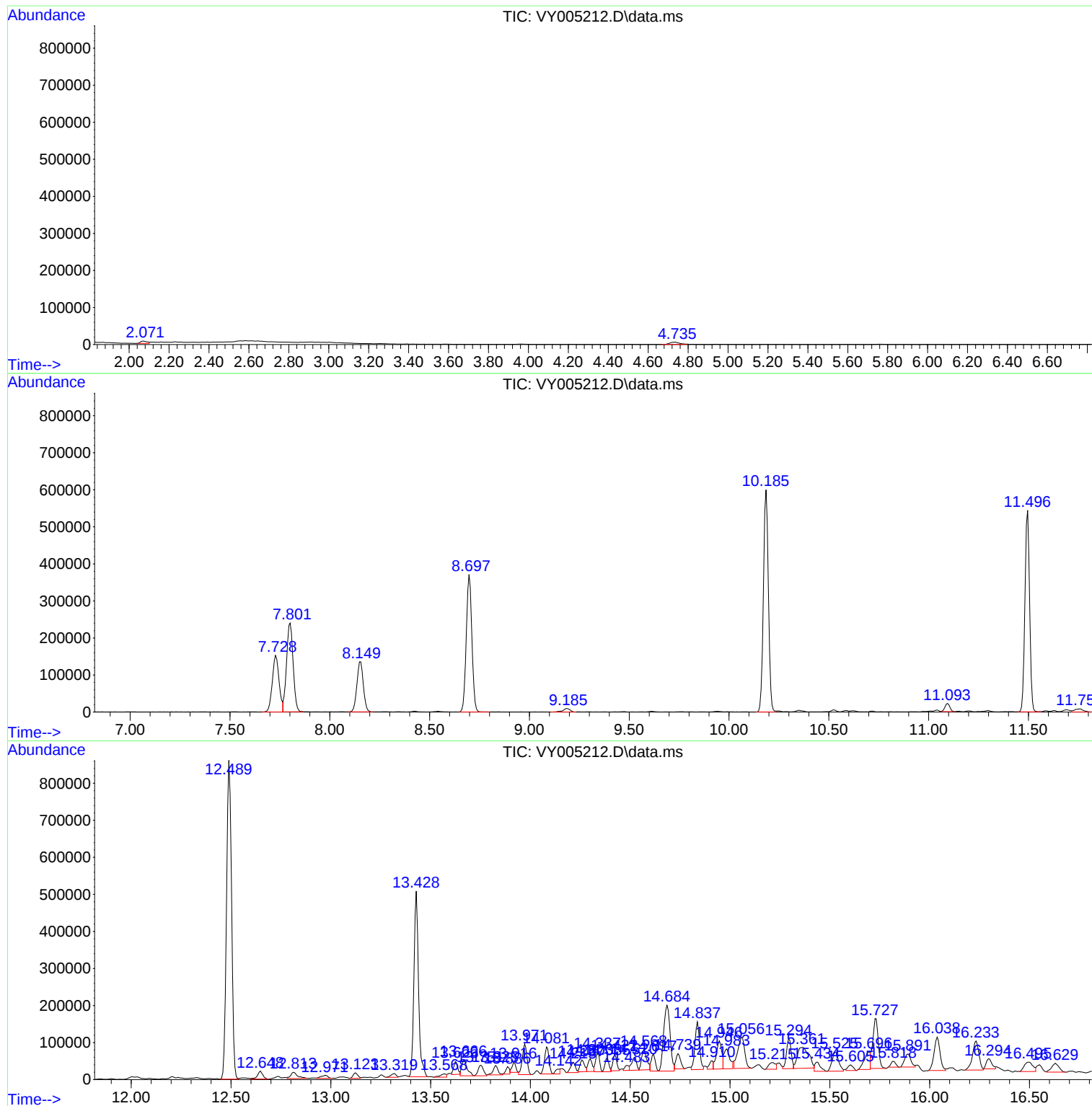
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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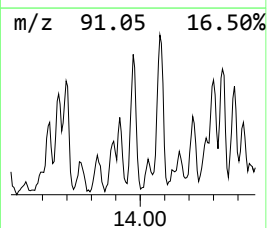
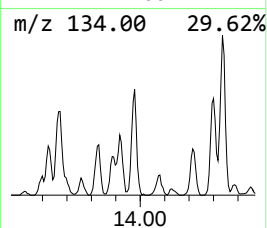
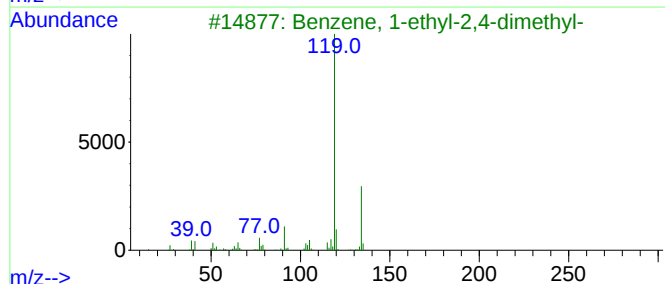
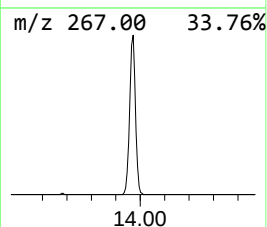
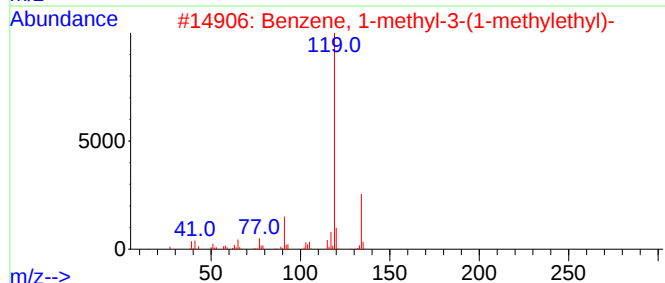
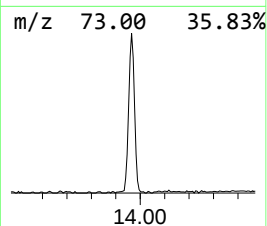
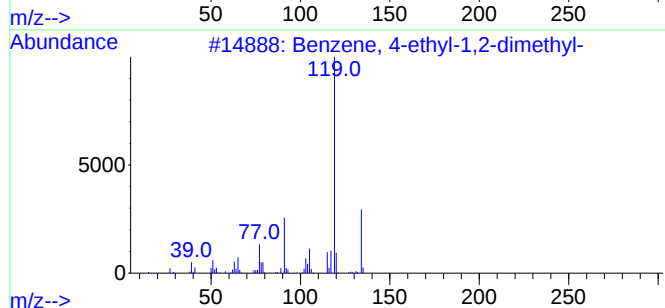
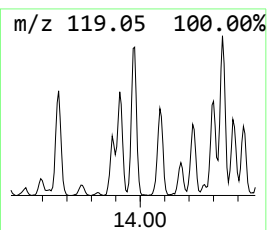
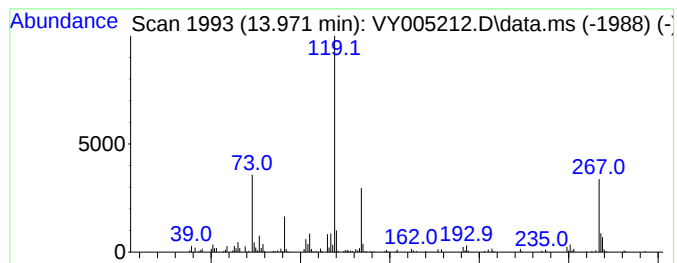
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	8.28 ug/l	132605	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	92
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
4			p-Cymene	134	C10H14	000099-87-6	92
5			o-Cymene	134	C10H14	000527-84-4	92



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ClientSampleId :
BIN-2-72-11966-RB-21140

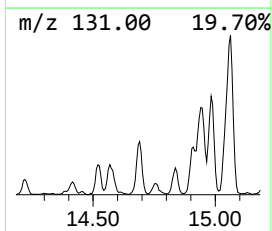
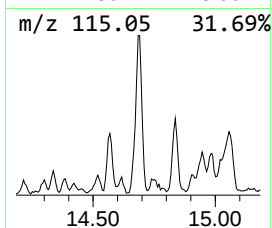
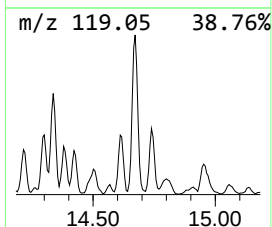
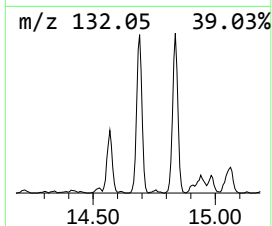
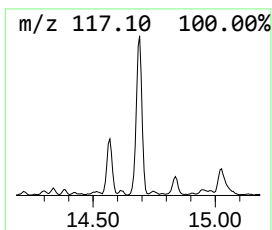
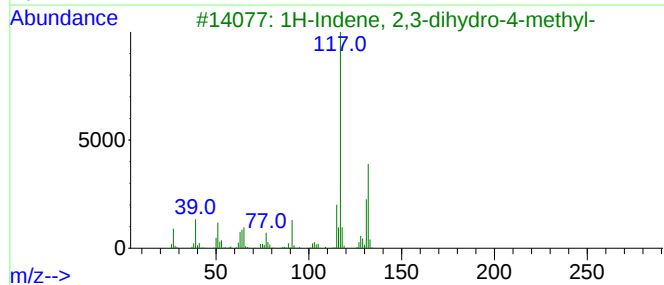
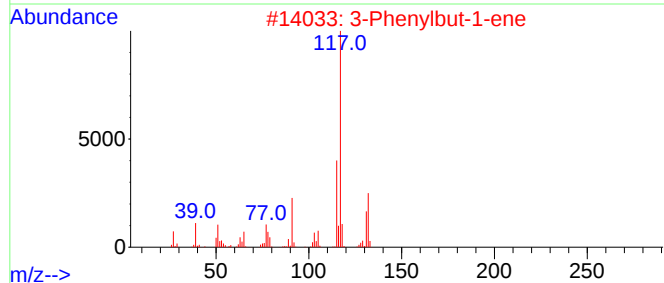
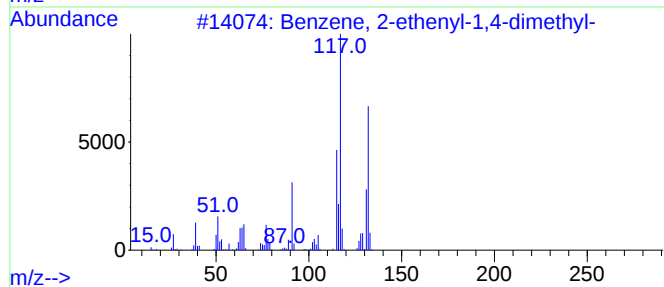
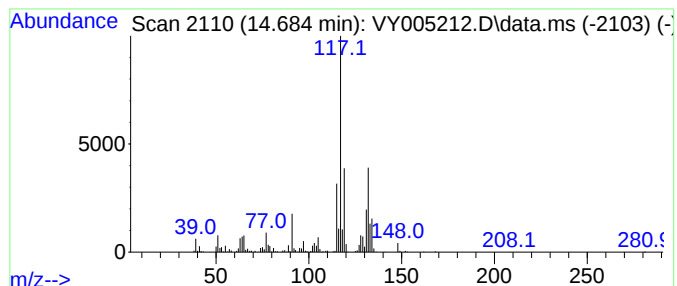
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	25.06 ug/l	401207	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62



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ALS Vial : 15 Sample Multiplier: 1

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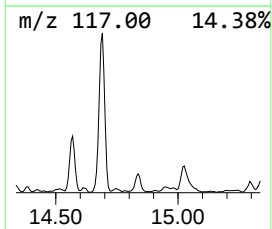
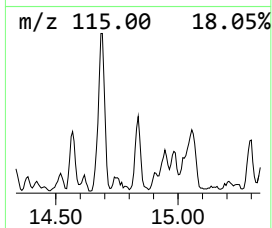
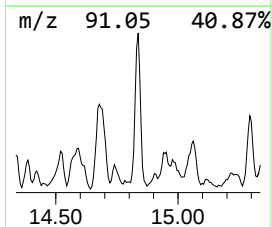
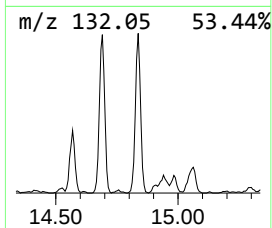
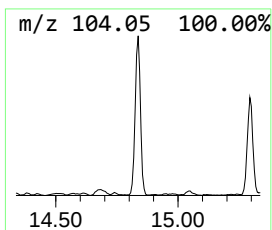
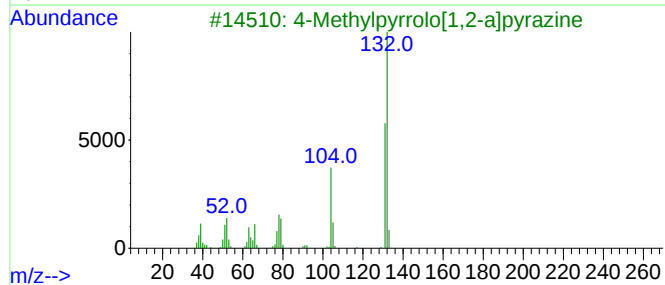
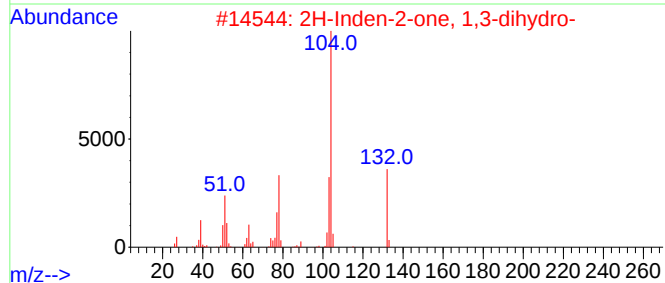
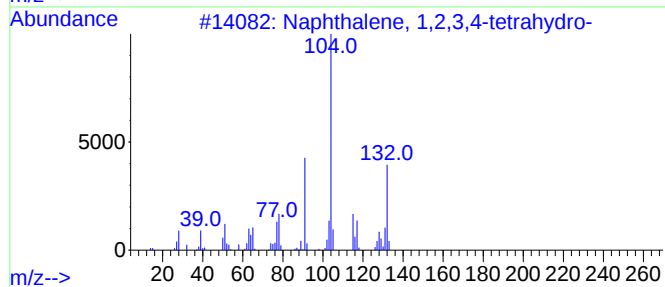
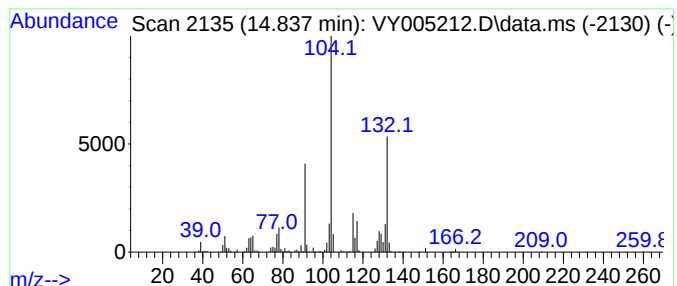
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.837	12.73 ug/l	203732	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	53
4			Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	50
5			Indan, epoxide	132	C9H8O	000768-22-9	50



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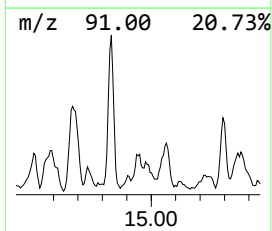
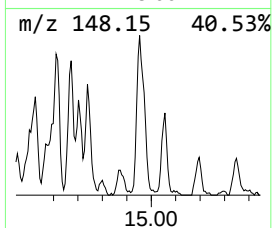
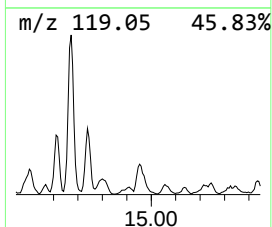
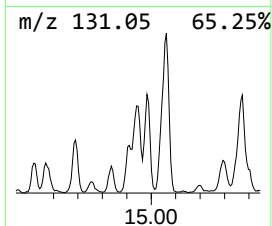
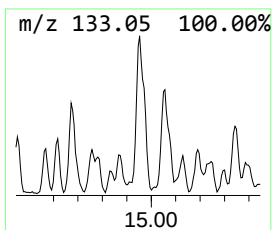
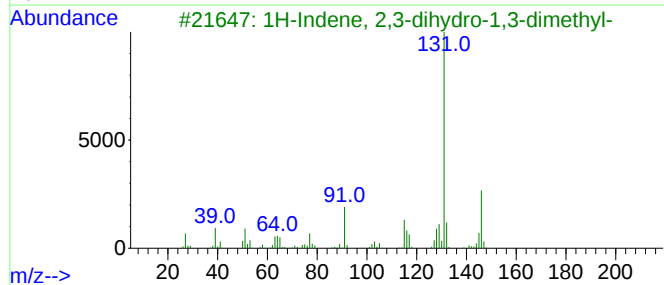
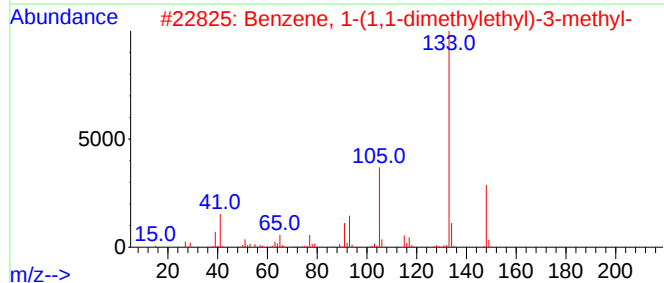
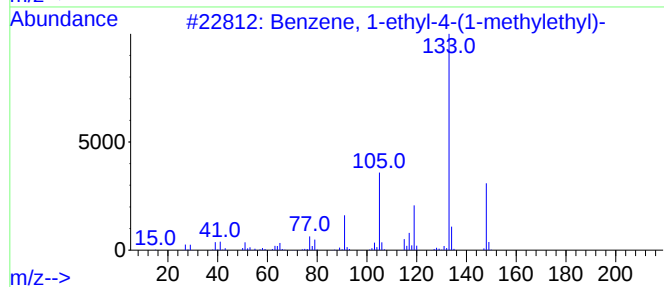
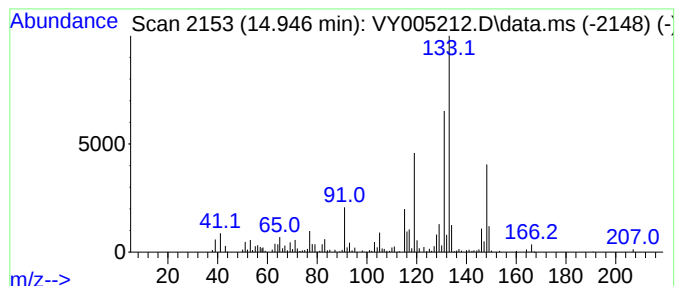
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	8.86 ug/l	141778	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
2			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	35
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35



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MSVOA_Y
ClientSampleId :
BIN-2-72-11966-RB-21140

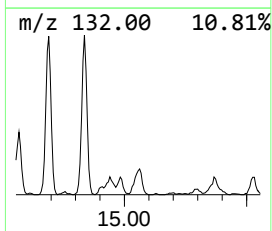
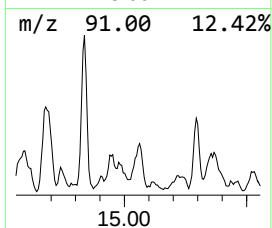
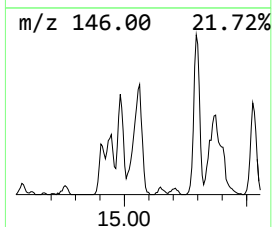
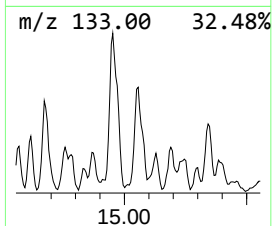
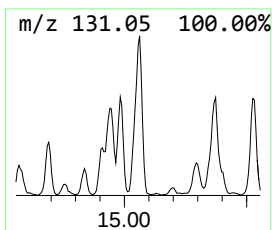
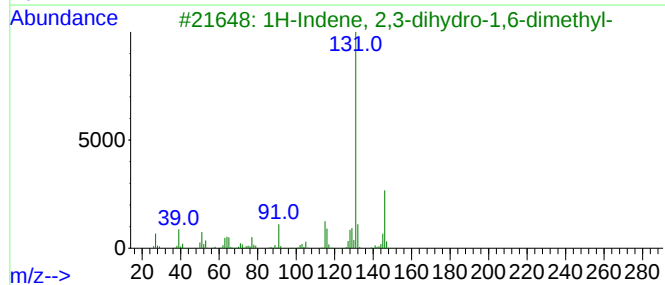
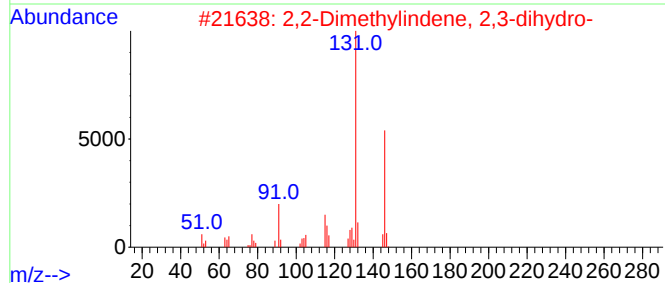
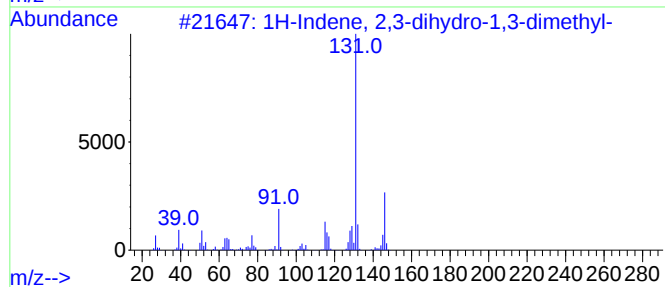
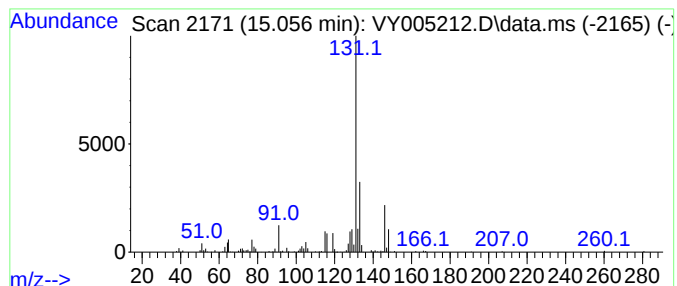
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	12.59 ug/l	201647	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	81
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
Data File : VY005212.D
Acq On : 24 Jun 2021 15:38
Operator : SY/MD
Sample : M2842-01
Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-2-72-11966-RB-21140

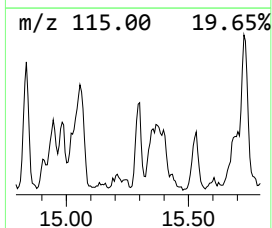
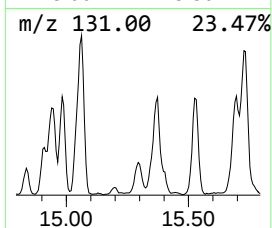
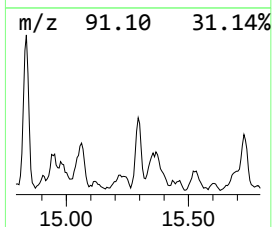
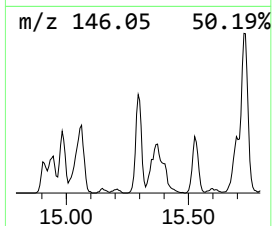
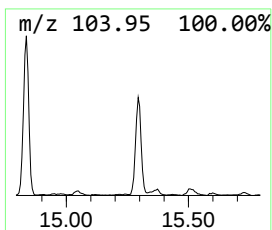
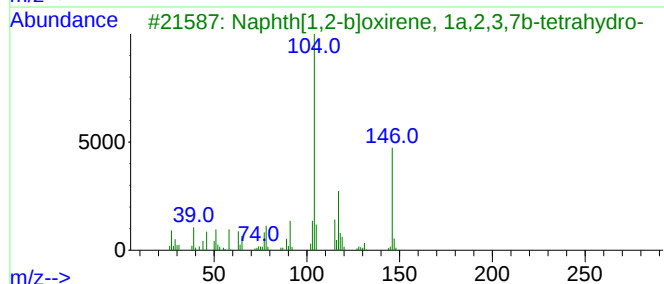
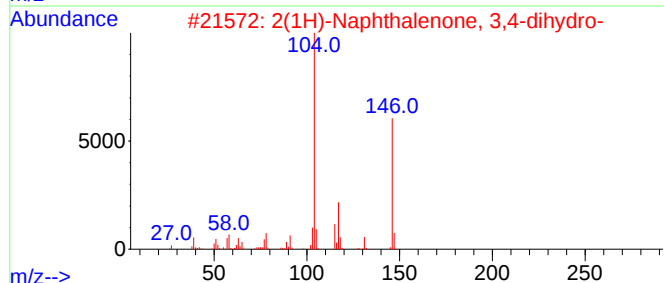
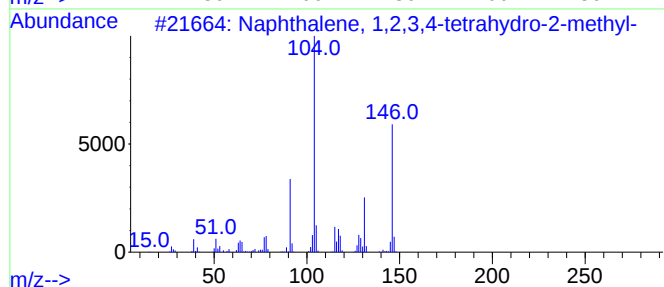
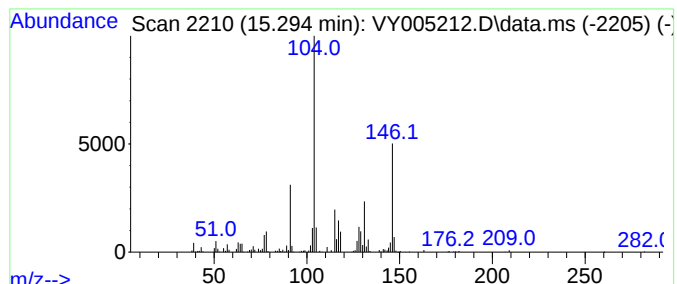
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	8.26 ug/l	132179	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76
3			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	38
5			2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
Data File : VY005212.D
Acq On : 24 Jun 2021 15:38
Operator : SY/MD
Sample : M2842-01
Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-2-72-11966-RB-21140

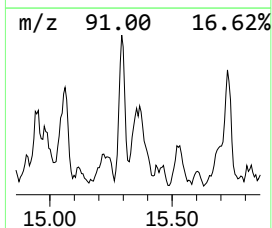
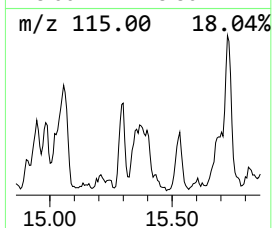
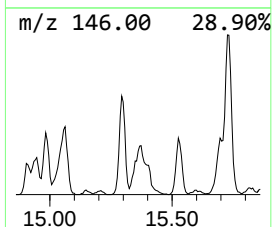
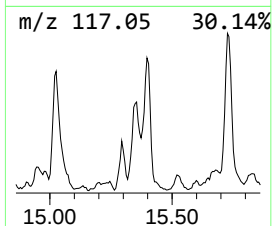
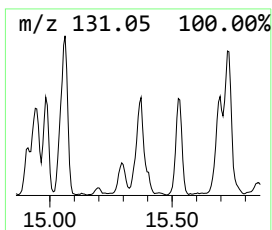
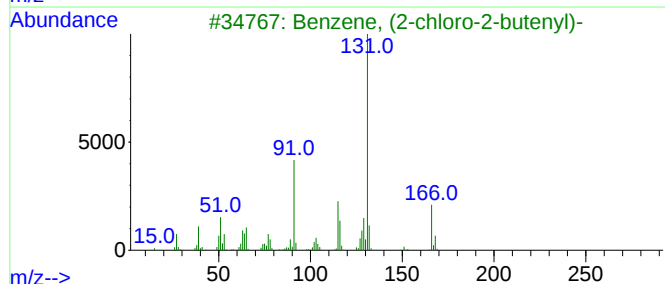
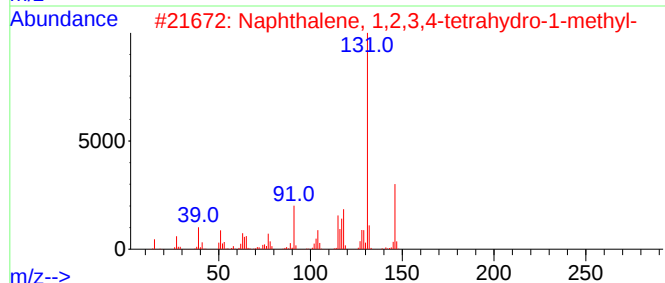
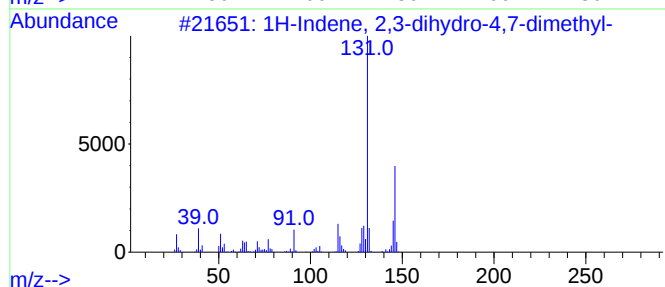
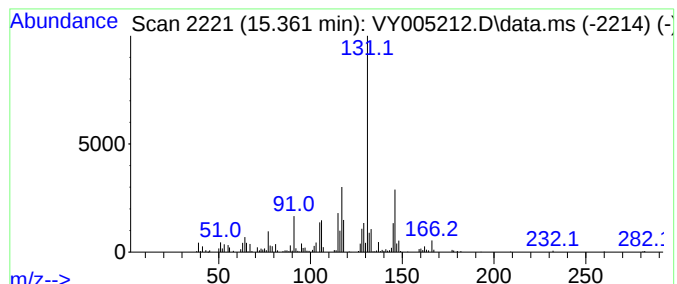
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.361	13.99 ug/l	224026	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	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	90
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	89
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
Data File : VY005212.D
Acq On : 24 Jun 2021 15:38
Operator : SY/MD
Sample : M2842-01
Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-2-72-11966-RB-21140

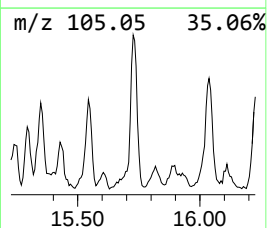
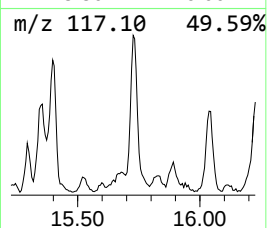
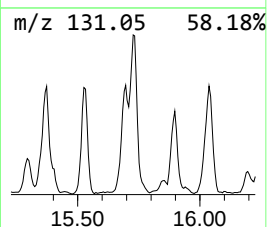
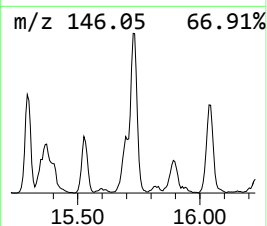
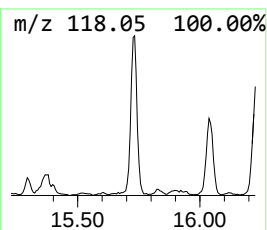
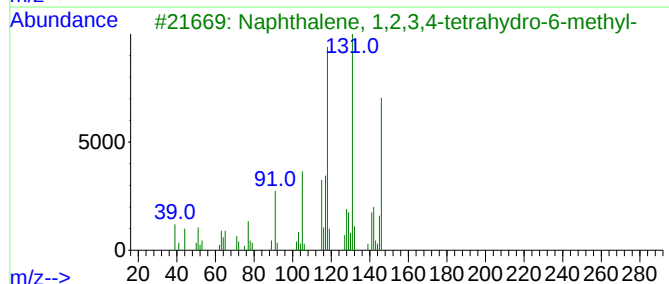
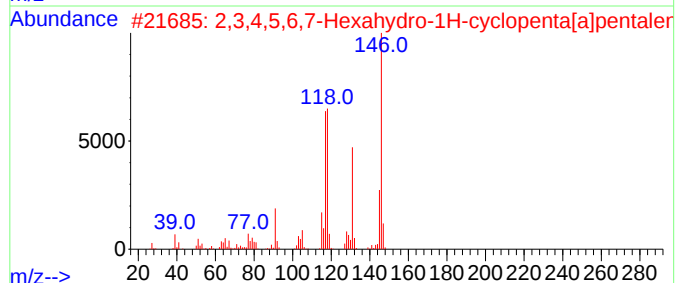
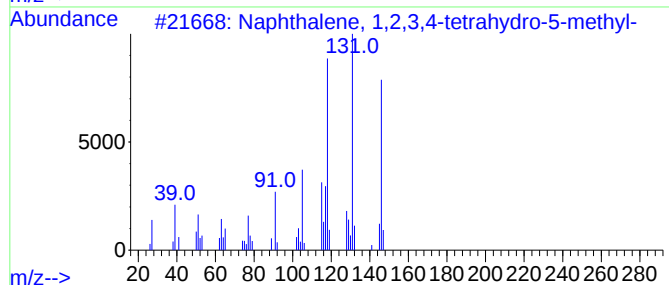
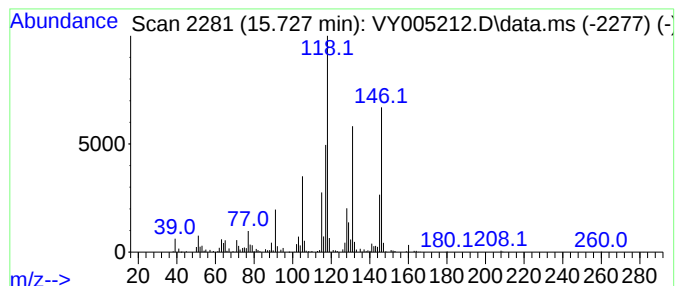
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.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.
15.727	15.66 ug/l	250745	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	64
2			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	60
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	46
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
Data File : VY005212.D
Acq On : 24 Jun 2021 15:38
Operator : SY/MD
Sample : M2842-01
Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-2-72-11966-RB-21140

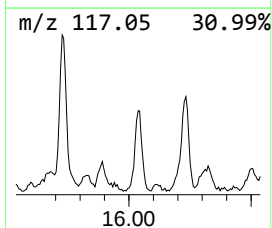
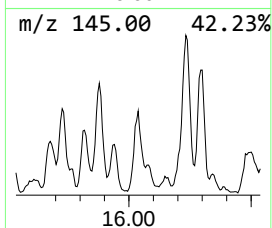
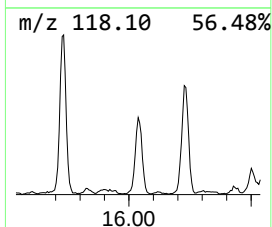
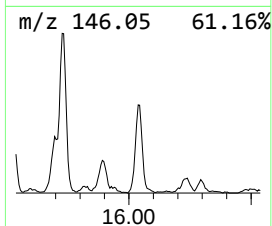
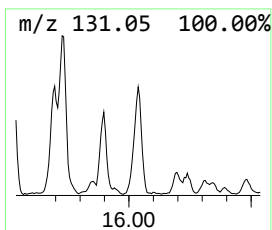
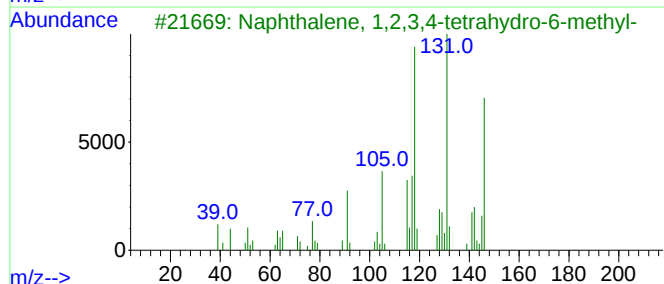
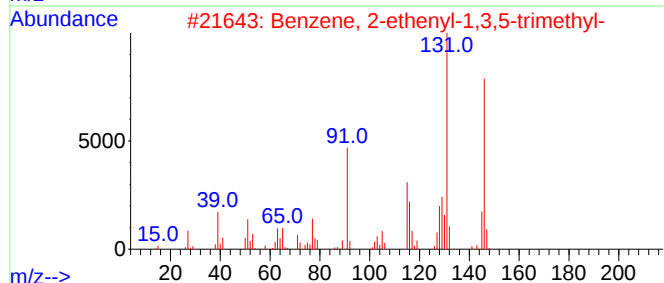
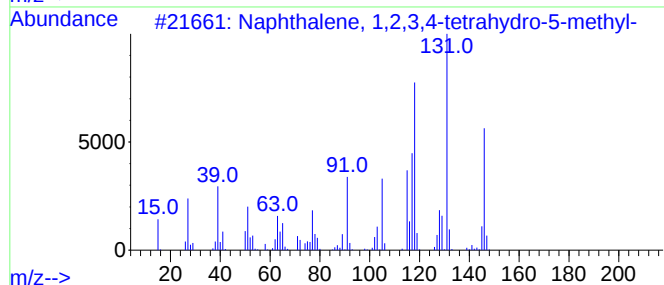
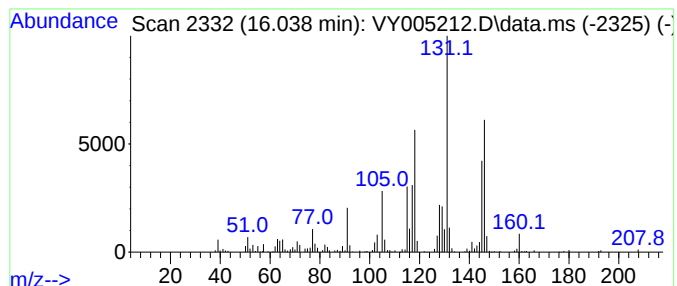
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.038	11.69 ug/l	187091	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	93
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	68
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
Data File : VY005212.D
Acq On : 24 Jun 2021 15:38
Operator : SY/MD
Sample : M2842-01
Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-2-72-11966-RB-21140

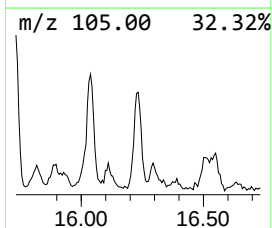
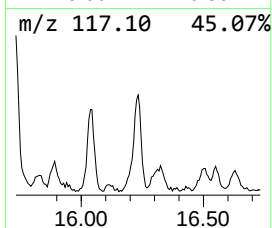
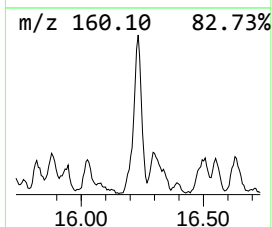
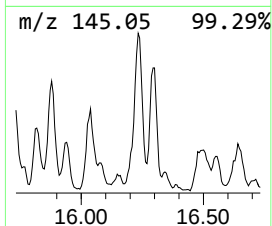
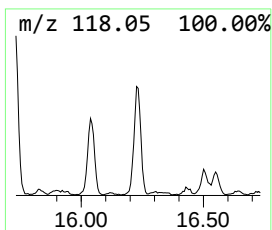
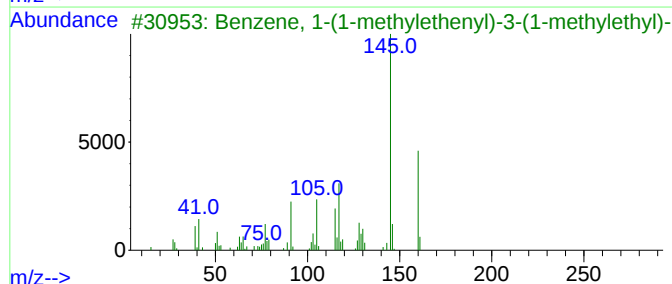
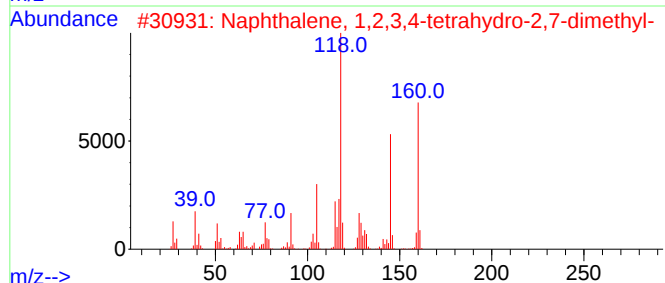
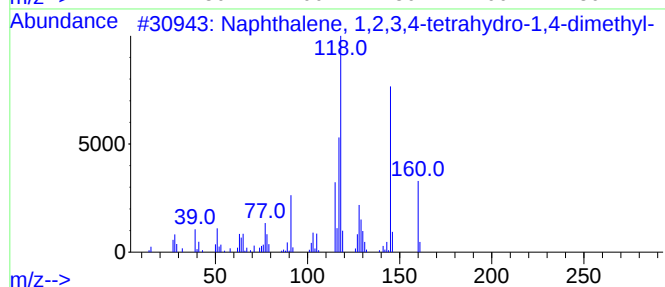
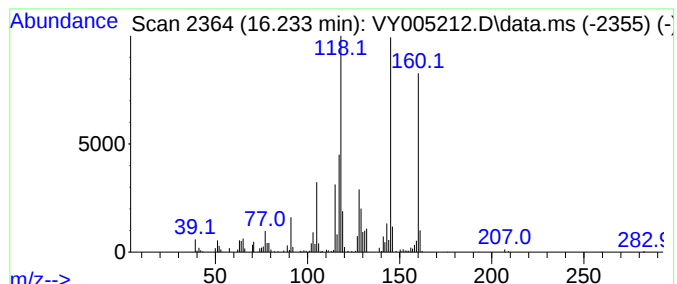
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	10.94 ug/l	175143	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	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
Data File : VY005212.D
Acq On : 24 Jun 2021 15:38
Operator : SY/MD
Sample : M2842-01
Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-2-72-11966-RB-21140

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 4-ethy...	13.971	8.3	ug/l	132605	4	13.428	800509	50.0
Benzene, 2-ethe...	14.684	25.1	ug/l	401207	4	13.428	800509	50.0
Naphthalene, 1,...	14.837	12.7	ug/l	203732	4	13.428	800509	50.0
Benzene, 1-ethy...	14.946	8.9	ug/l	141778	4	13.428	800509	50.0
1H-Indene, 2,3-...	15.056	12.6	ug/l	201647	4	13.428	800509	50.0
Naphthalene, 1,...	15.294	8.3	ug/l	132179	4	13.428	800509	50.0
1H-Indene, 2,3-...	15.361	14.0	ug/l	224026	4	13.428	800509	50.0
Naphthalene, 1,...	15.727	15.7	ug/l	250745	4	13.428	800509	50.0
Benzene, 2-ethe...	16.038	11.7	ug/l	187091	4	13.428	800509	50.0
Naphthalene, 1,...	16.233	10.9	ug/l	175143	4	13.428	800509	50.0