

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004518.D
 Acq On : 20 Apr 2021 11:05
 Operator : SY/MD
 Sample : M2094-01
 Misc : 6.37G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-041921

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\82Y041221S.M
 Title : SW846 8260

Signal : TIC: VY004518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.180	47	59	60	rBV3	7273	21349	1.41%	0.269%
2	2.583	113	125	126	rBV5	14881	48160	3.17%	0.608%
3	4.729	467	477	493	rVB2	11370	37285	2.46%	0.471%
4	7.728	959	969	974	rBV	98577	230642	15.19%	2.911%
5	7.801	974	981	993	rVB	165211	383237	25.25%	4.837%
6	8.149	1029	1038	1049	rVB	110621	243126	16.02%	3.068%
7	8.697	1118	1128	1137	rBV	271258	532017	35.05%	6.714%
8	10.185	1364	1372	1380	rBV	440358	768059	50.60%	9.694%
9	11.490	1579	1586	1596	rBV	398364	659358	43.44%	8.322%
10	11.740	1623	1627	1638	rVB4	6311	17866	1.18%	0.225%
11	12.489	1743	1750	1757	rBV3	892862	1517930	100.00%	19.157%
12	12.648	1768	1776	1783	rVB5	16632	34505	2.27%	0.435%
13	12.812	1798	1803	1809	rVB2	27339	43942	2.89%	0.555%
14	12.971	1821	1829	1836	rBV	26173	49082	3.23%	0.619%
15	13.044	1836	1841	1849	rVB9	8359	18093	1.19%	0.228%
16	13.312	1878	1885	1890	rVV2	16845	34416	2.27%	0.434%
17	13.428	1898	1904	1913	rVB2	374094	627348	41.33%	7.918%
18	13.599	1919	1932	1933	rBV8	15047	38586	2.54%	0.487%
19	13.623	1933	1936	1939	rVV	42418	63661	4.19%	0.803%
20	13.666	1939	1943	1951	rVB2	50940	84477	5.57%	1.066%
21	13.751	1951	1957	1962	rBV4	36451	65523	4.32%	0.827%
22	13.824	1962	1969	1976	rBV	32261	55247	3.64%	0.697%
23	13.971	1987	1993	1998	rVB2	70384	114960	7.57%	1.451%
24	14.032	1999	2003	2006	rBV	13262	17854	1.18%	0.225%
25	14.081	2006	2011	2016	rVB	74556	114873	7.57%	1.450%
26	14.135	2016	2020	2027	rBV8	11928	26747	1.76%	0.338%
27	14.215	2027	2033	2036	rBV2	25928	40414	2.66%	0.510%
28	14.257	2036	2040	2043	rVV3	23322	30988	2.04%	0.391%
29	14.300	2043	2047	2049	rVV2	26449	37429	2.47%	0.472%
30	14.337	2049	2053	2057	rVB	47284	63462	4.18%	0.801%
31	14.379	2057	2060	2064	rBV2	29408	45720	3.01%	0.577%
32	14.422	2064	2067	2071	rVB3	33134	44038	2.90%	0.556%
33	14.519	2078	2083	2087	rVB2	25626	43062	2.84%	0.543%
34	14.568	2087	2091	2095	rBV2	28394	44402	2.93%	0.560%
35	14.617	2095	2099	2103	rVB	32883	48626	3.20%	0.614%
36	14.684	2103	2110	2116	rBV4	114730	263093	17.33%	3.320%

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Peak Location: TOP

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

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37	14.739	2116	2119	2124	rVB2	22454	35125	2.31%	0.443%
38	14.837	2130	2135	2141	rBV	80036	121769	8.02%	1.537%
39	14.946	2148	2153	2156	rVV2	50087	92112	6.07%	1.163%
40	14.983	2156	2159	2165	rVV2	38687	75125	4.95%	0.948%
41	15.056	2165	2171	2177	rVB2	57552	128111	8.44%	1.617%
42	15.202	2190	2195	2197	rBV5	9223	15703	1.03%	0.198%
43	15.294	2205	2210	2214	rBV	52859	80609	5.31%	1.017%
44	15.367	2214	2222	2231	rVV3	30748	106935	7.04%	1.350%
45	15.525	2242	2248	2255	rBV3	32062	64744	4.27%	0.817%
46	15.605	2257	2261	2265	rVV6	9588	17468	1.15%	0.220%
47	15.696	2266	2276	2277	rVV7	29772	71481	4.71%	0.902%
48	15.733	2277	2282	2290	rVV	81618	158314	10.43%	1.998%
49	15.818	2291	2296	2301	rVV5	16257	33594	2.21%	0.424%
50	15.885	2302	2307	2321	rVB4	25292	89506	5.90%	1.130%
51	16.038	2325	2332	2341	rBV	53168	107389	7.07%	1.355%
52	16.233	2355	2364	2370	rBV3	48426	109571	7.22%	1.383%
53	16.300	2370	2375	2379	rVV3	14778	25621	1.69%	0.323%
54	16.495	2400	2407	2412	rBV7	19912	53623	3.53%	0.677%
55	16.629	2426	2429	2440	rVB8	12572	27063	1.78%	0.342%

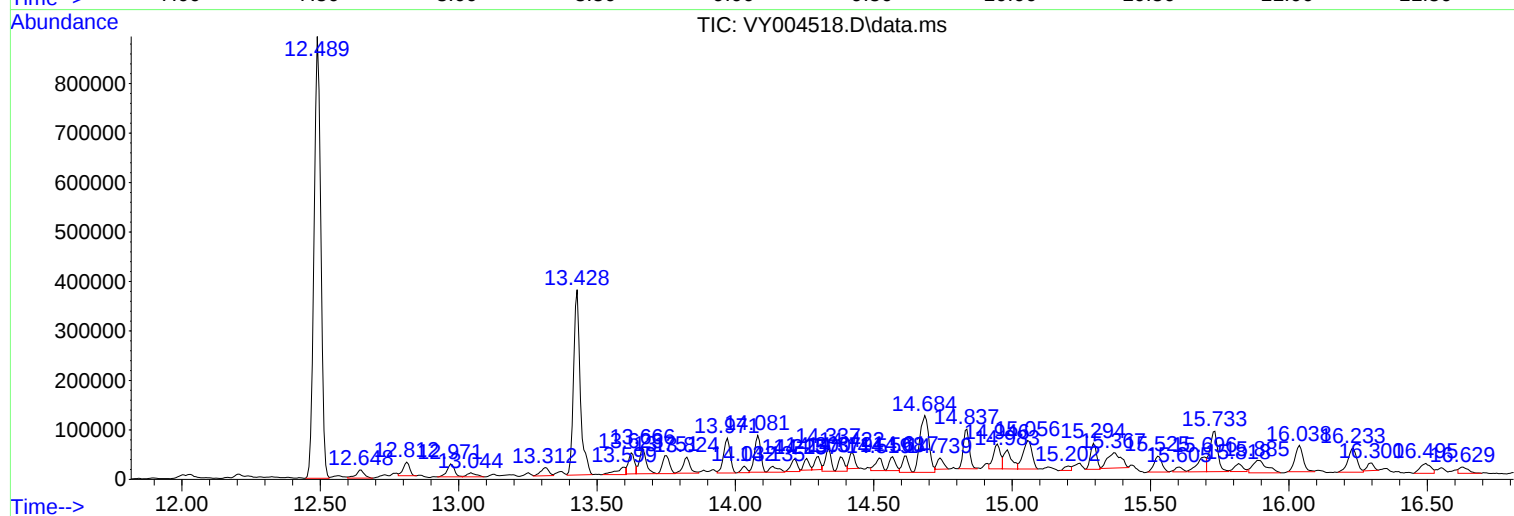
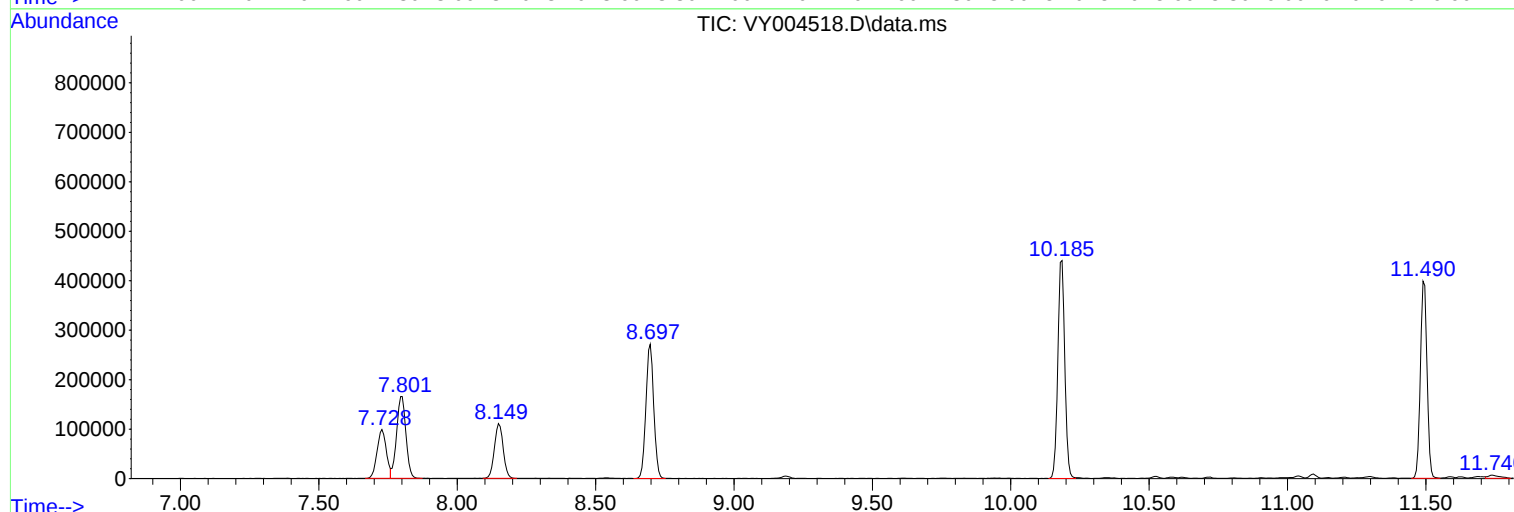
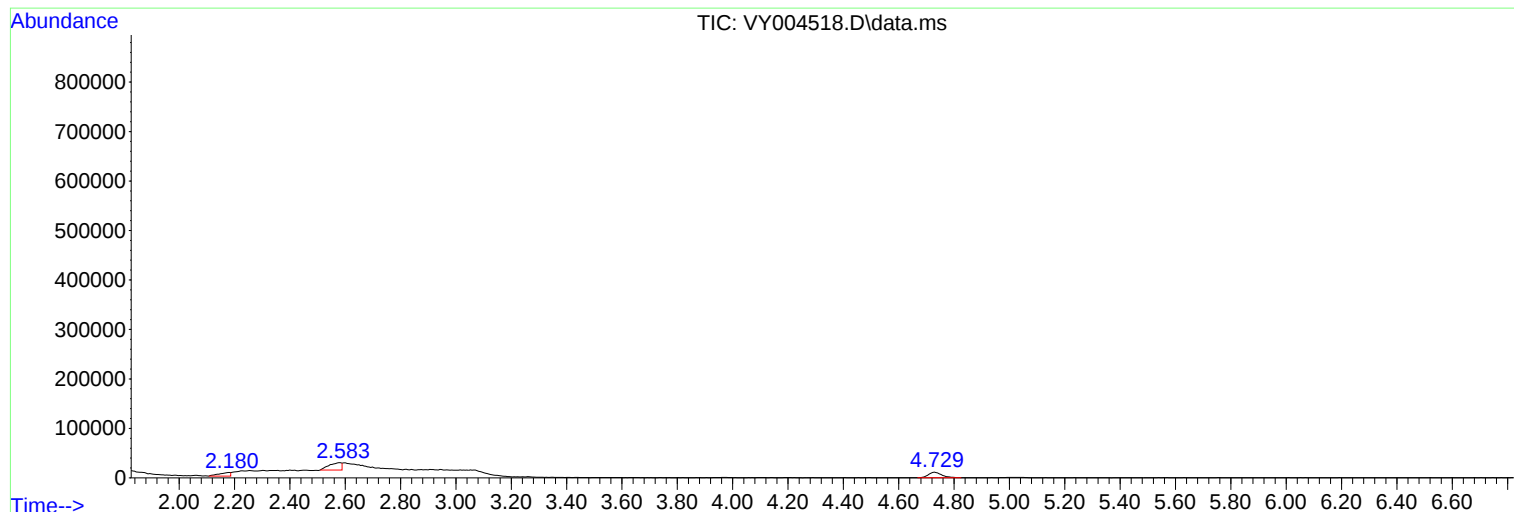
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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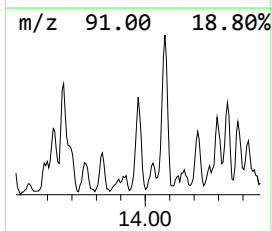
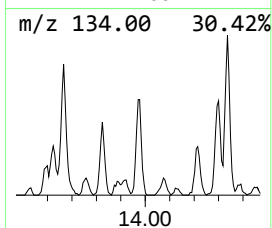
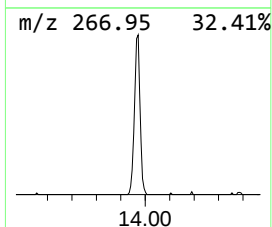
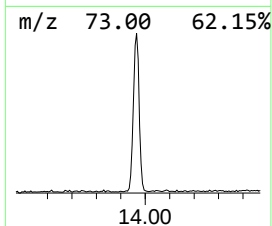
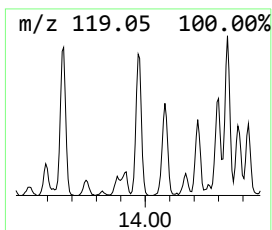
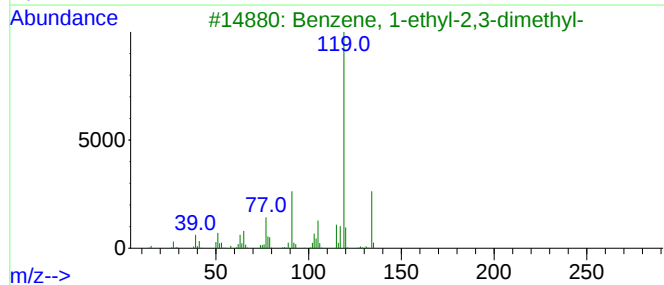
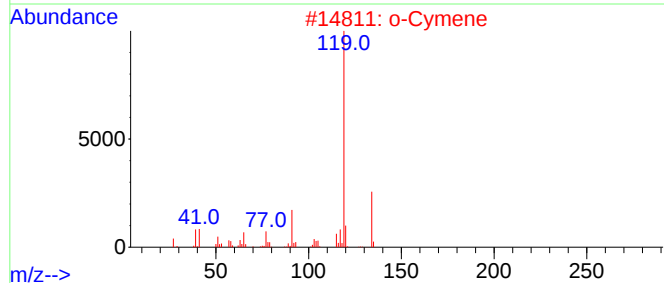
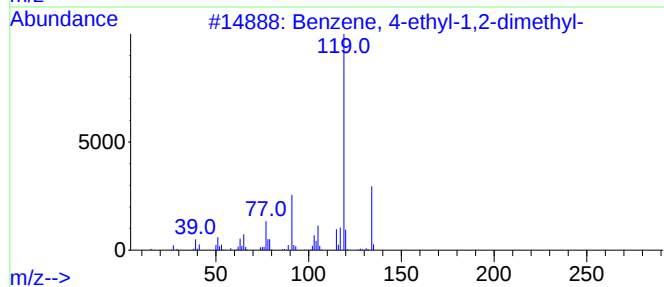
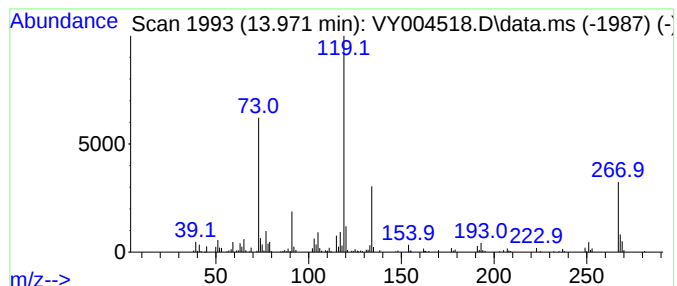
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	9.16 ug/l	114960	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	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
5			p-Cymene	134	C10H14	000099-87-6	86



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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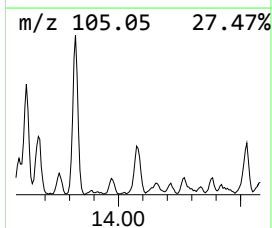
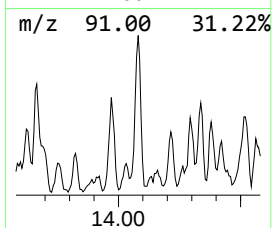
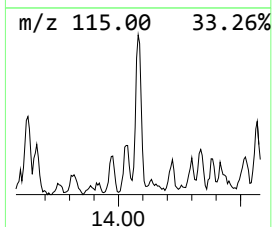
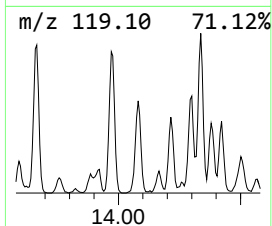
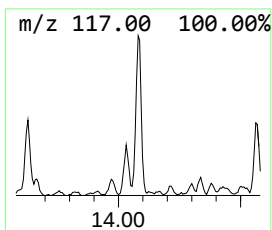
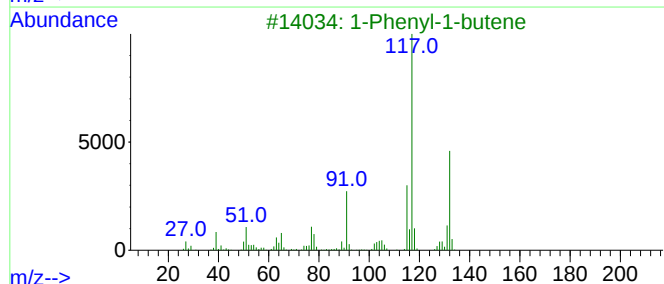
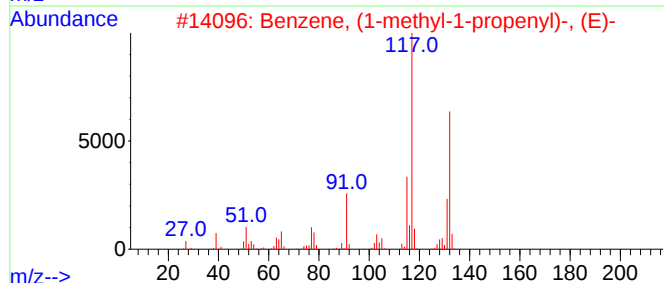
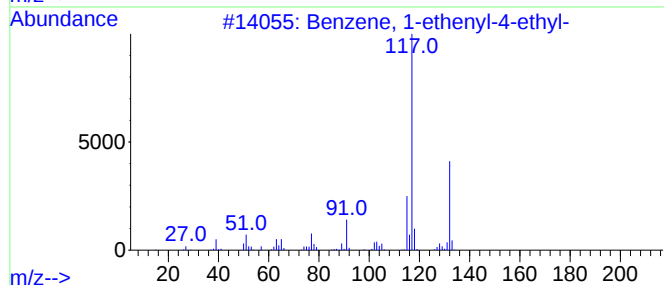
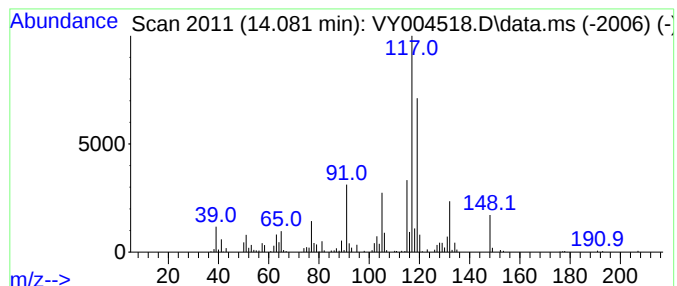
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	9.16 ug/l	114873	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62



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Misc : 6.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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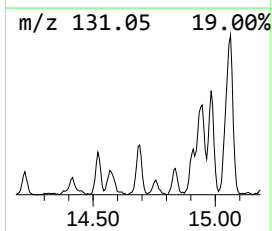
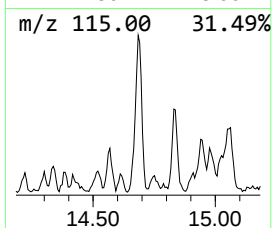
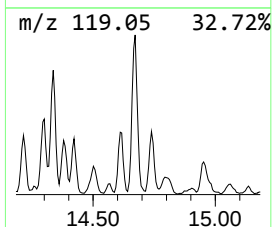
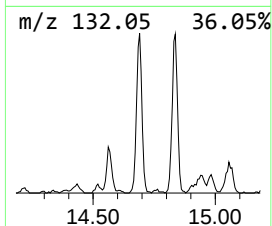
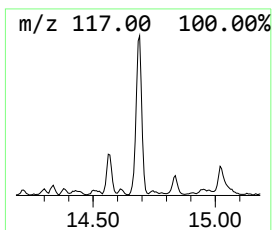
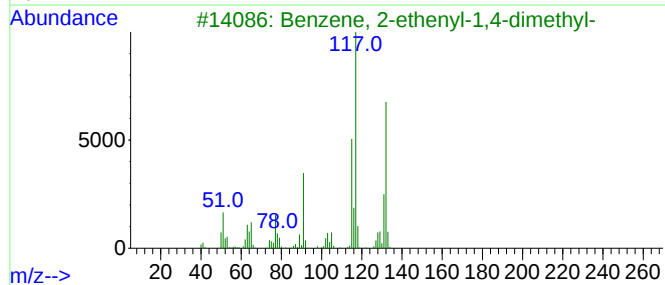
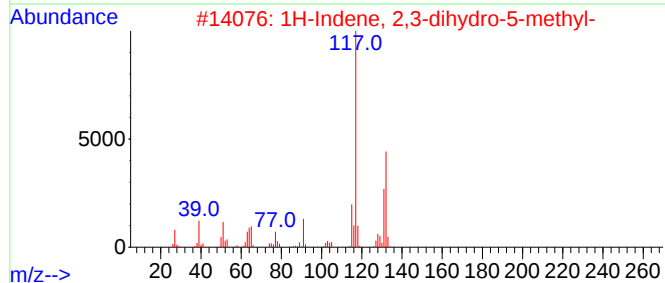
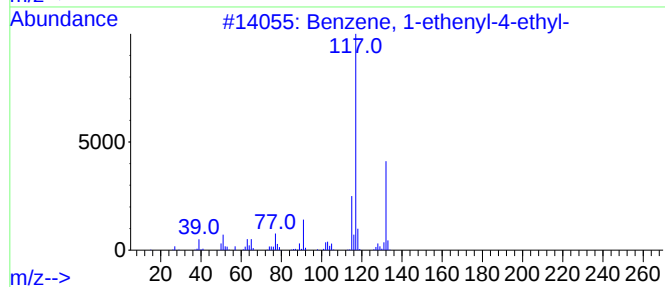
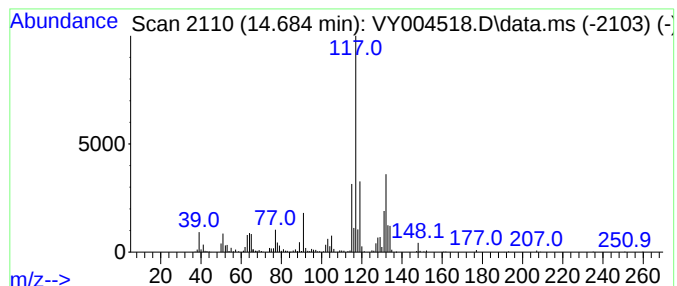
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	20.97 ug/l	263093	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
5			2,4-Dimethylstyrene	132	C10H12	002234-20-0	87



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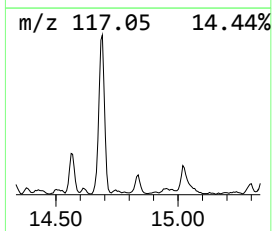
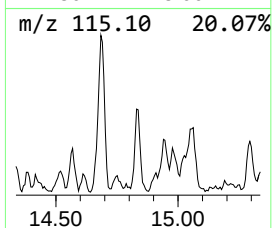
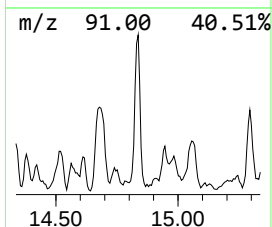
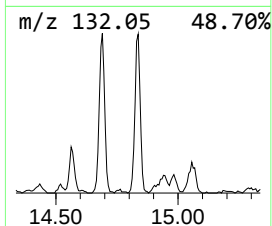
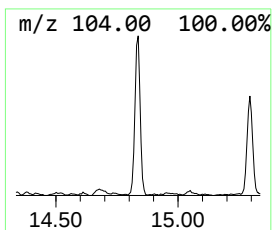
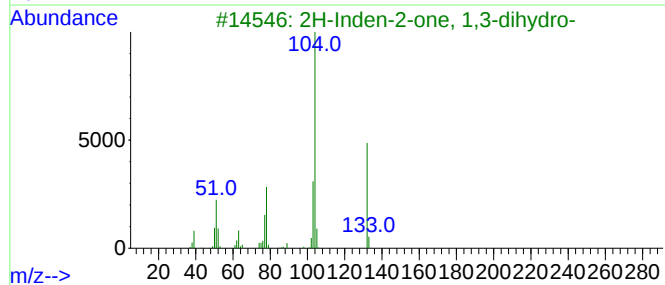
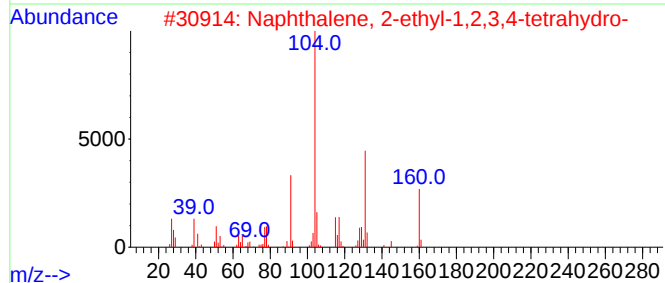
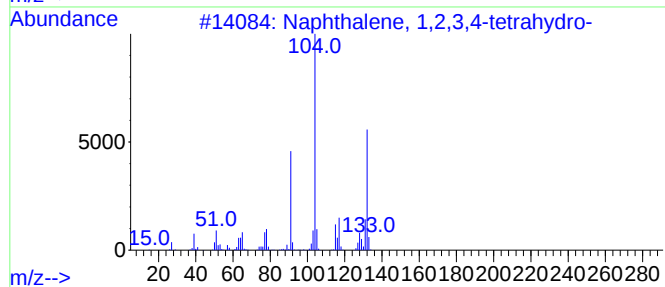
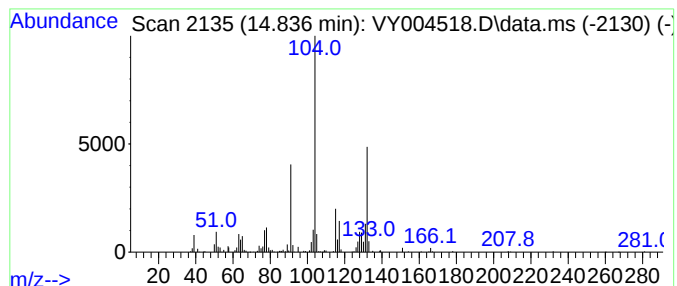
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	9.71 ug/l	121769	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			Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
3			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
5			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38



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ClientSampleId :
OR-3-041921

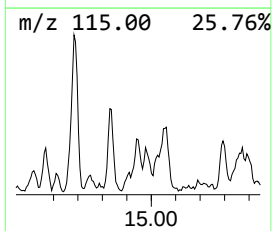
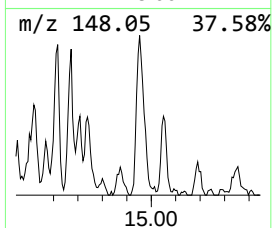
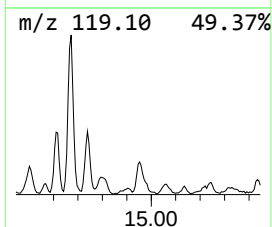
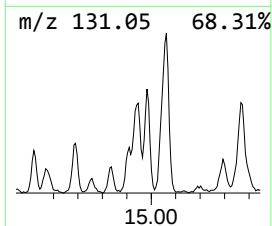
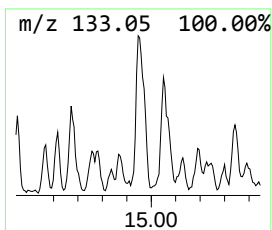
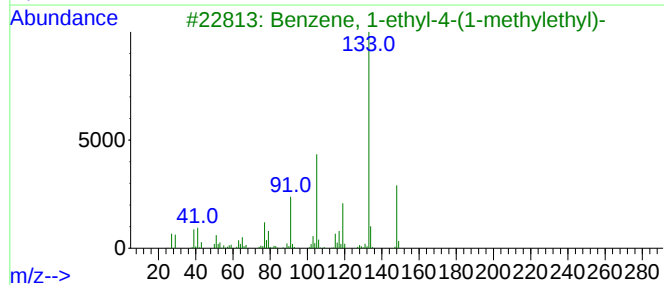
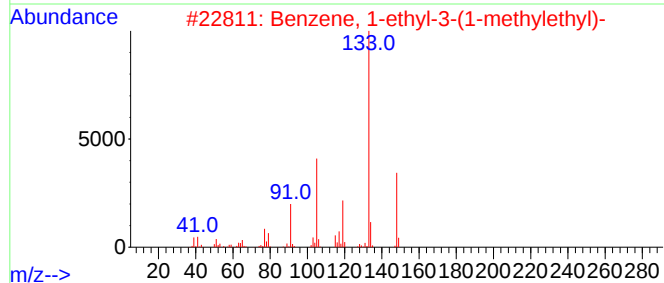
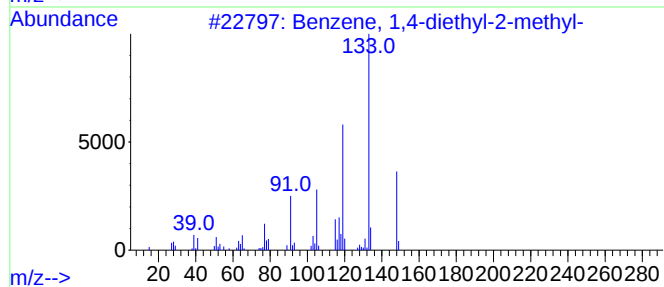
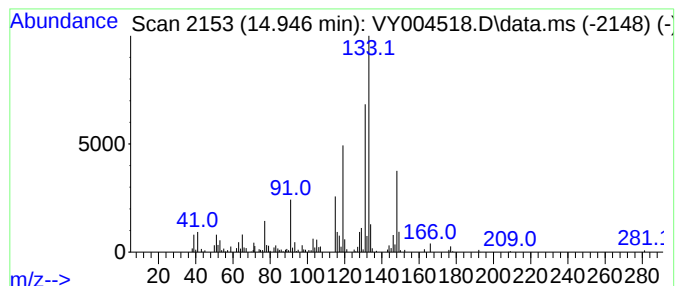
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	7.34 ug/l	92112	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	43
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004518.D
Acq On : 20 Apr 2021 11:05
Operator : SY/MD
Sample : M2094-01
Misc : 6.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-041921

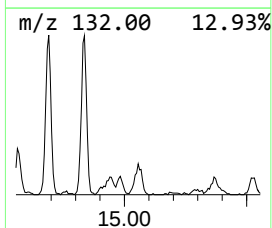
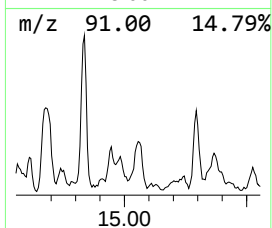
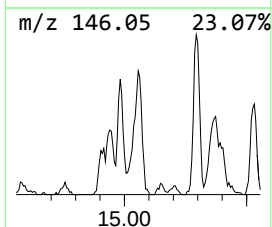
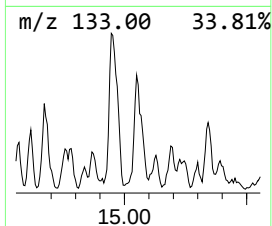
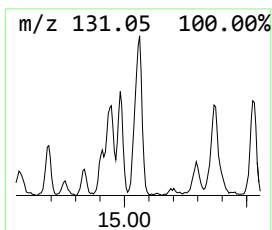
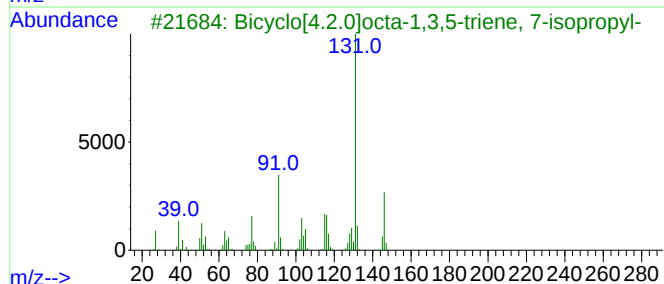
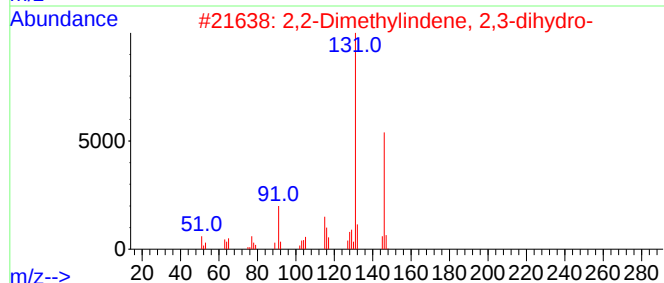
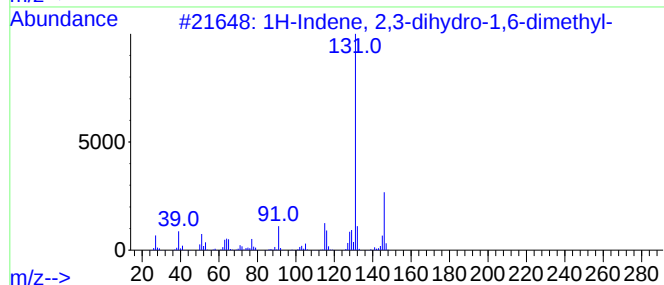
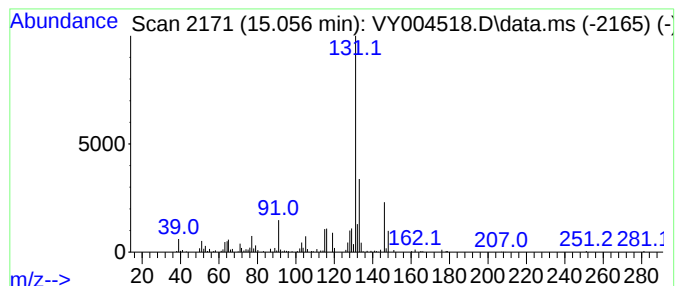
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	10.21 ug/l	128111	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004518.D
Acq On : 20 Apr 2021 11:05
Operator : SY/MD
Sample : M2094-01
Misc : 6.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-041921

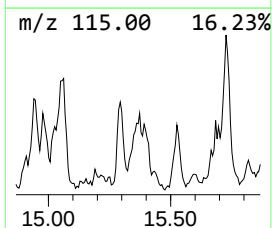
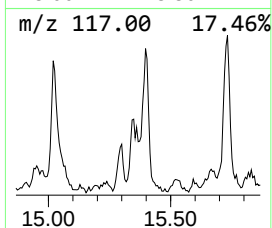
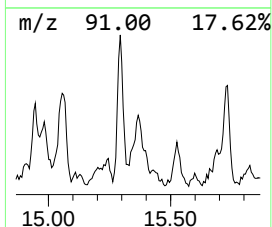
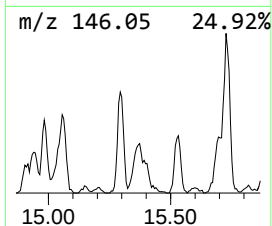
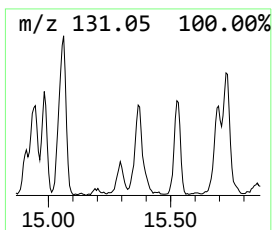
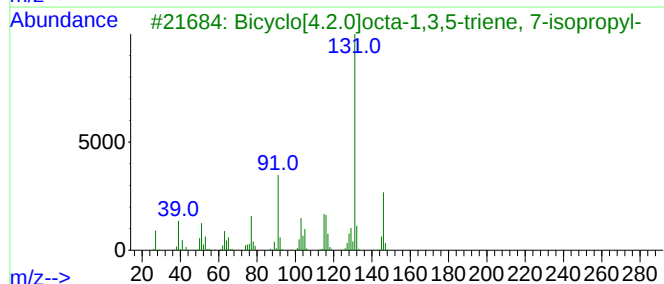
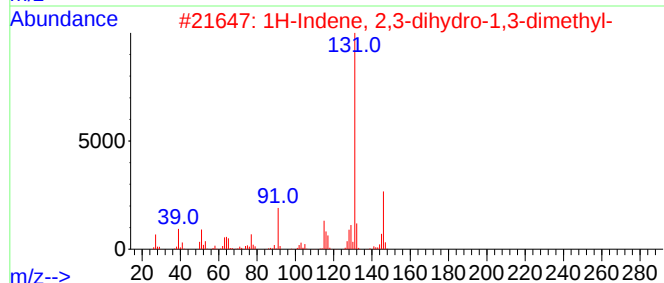
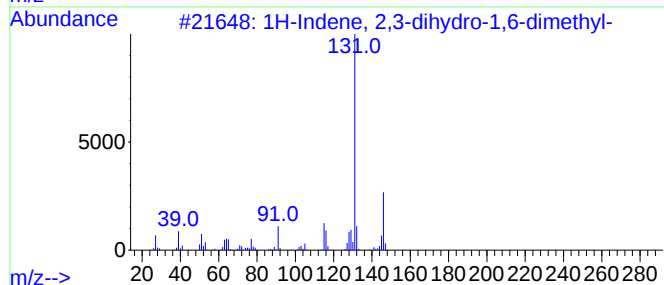
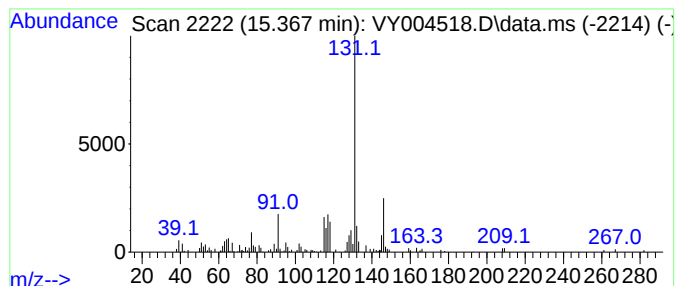
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.367	8.52 ug/l	106935	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004518.D
Acq On : 20 Apr 2021 11:05
Operator : SY/MD
Sample : M2094-01
Misc : 6.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-041921

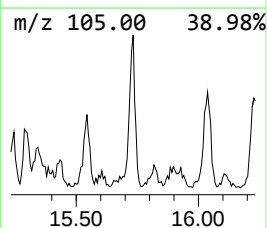
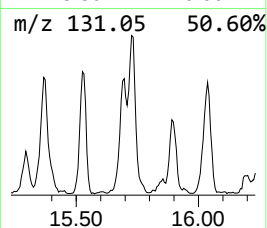
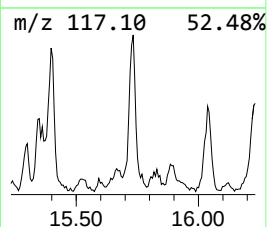
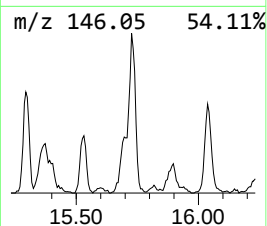
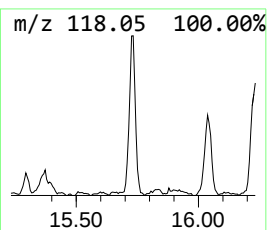
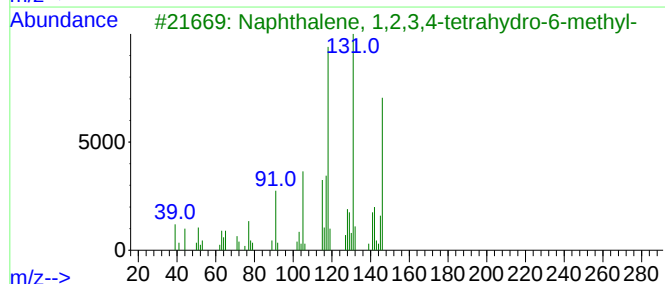
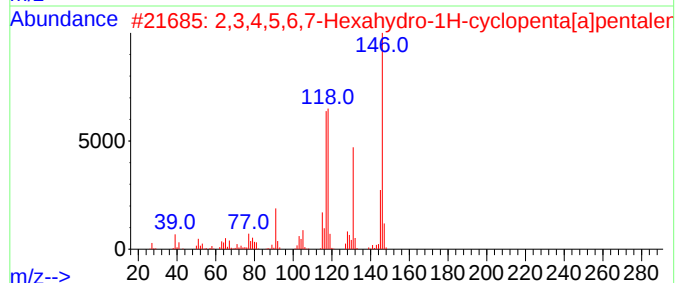
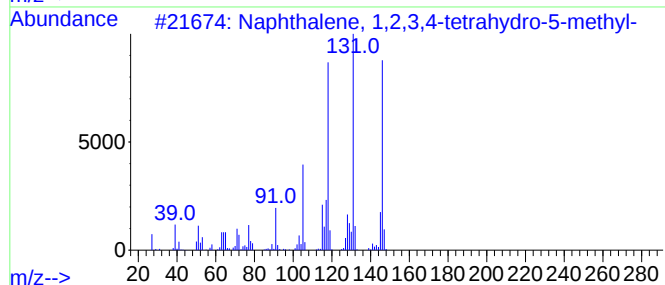
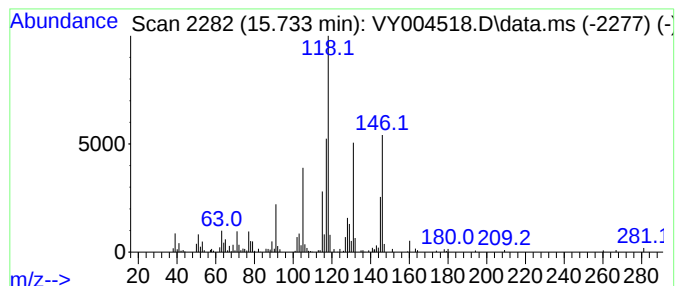
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Quant Title : SW846 8260

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.
15.733	12.62 ug/l	158314	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	80
2			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004518.D
Acq On : 20 Apr 2021 11:05
Operator : SY/MD
Sample : M2094-01
Misc : 6.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-041921

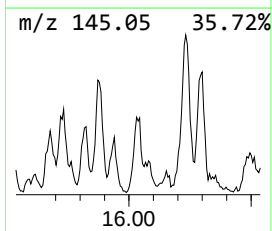
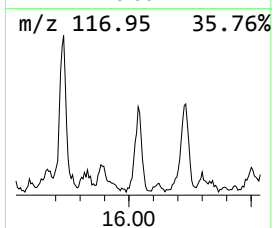
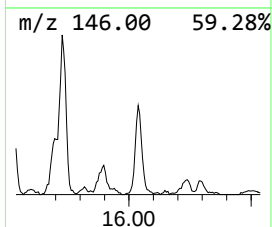
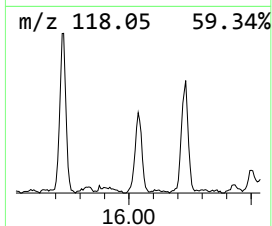
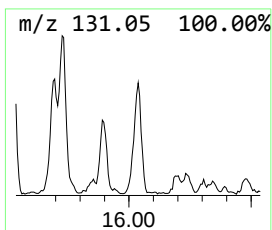
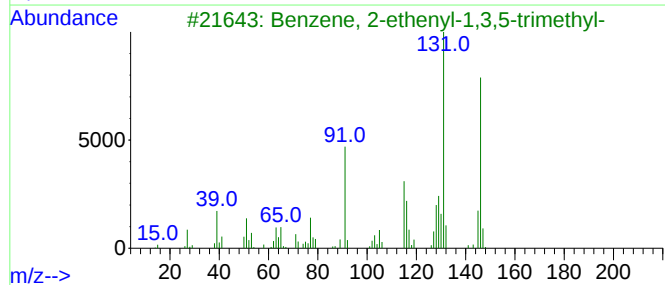
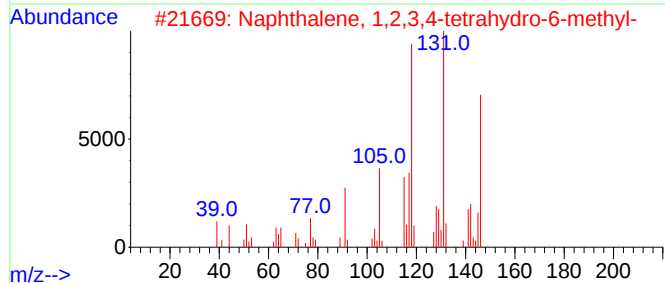
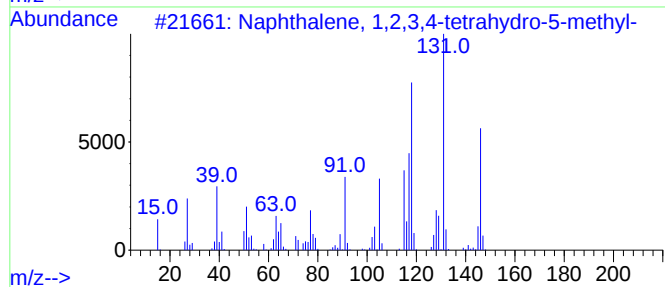
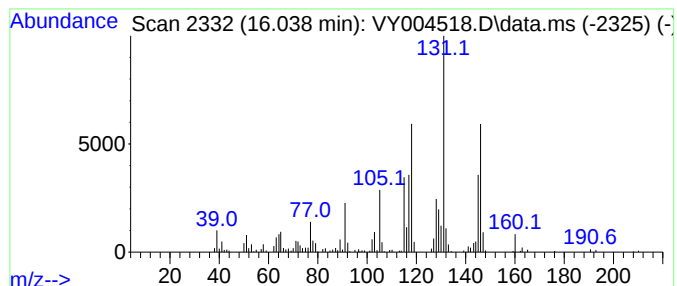
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.038	8.56 ug/l	107389	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			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004518.D
Acq On : 20 Apr 2021 11:05
Operator : SY/MD
Sample : M2094-01
Misc : 6.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-041921

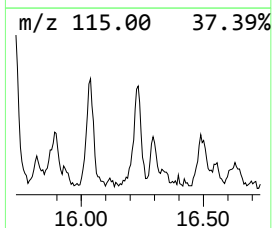
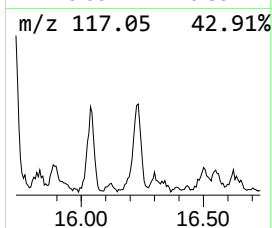
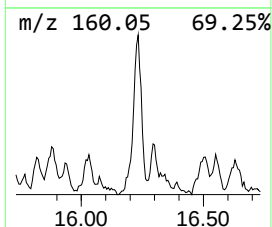
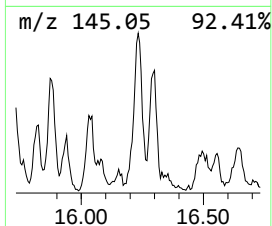
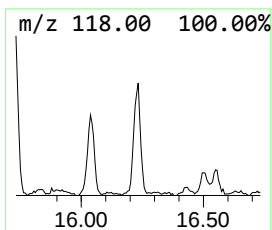
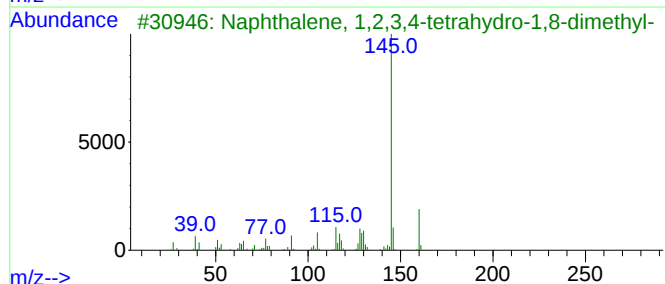
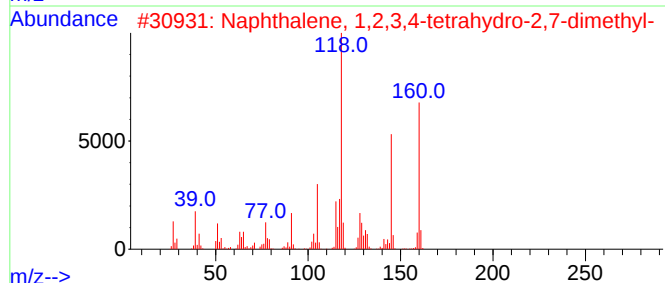
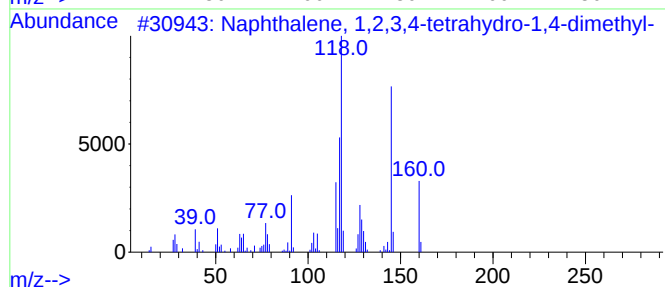
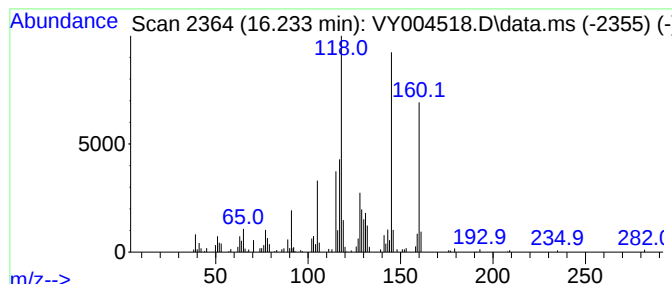
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	8.73 ug/l	109571	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	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	95
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	76
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004518.D
Acq On : 20 Apr 2021 11:05
Operator : SY/MD
Sample : M2094-01
Misc : 6.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-041921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.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
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Benzene, 1-ethe...	14.081	9.2	ug/l	114873	4	13.428	627348	50.0
1H-Indene, 2,3-...	14.684	21.0	ug/l	263093	4	13.428	627348	50.0
Naphthalene, 1,...	14.836	9.7	ug/l	121769	4	13.428	627348	50.0
Benzene, 1,4-di...	14.946	7.3	ug/l	92112	4	13.428	627348	50.0
1H-Indene, 2,3-...	15.056	10.2	ug/l	128111	4	13.428	627348	50.0
1H-Indene, 2,3-...	15.367	8.5	ug/l	106935	4	13.428	627348	50.0
Naphthalene, 1,...	15.733	12.6	ug/l	158314	4	13.428	627348	50.0
Naphthalene, 1,...	16.038	8.6	ug/l	107389	4	13.428	627348	50.0
Naphthalene, 1,...	16.233	8.7	ug/l	109571	4	13.428	627348	50.0