

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008546.D
 Acq On : 28 Apr 2022 14:36
 Operator : KP/MD
 Sample : N2588-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1

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\82Y042122S.M
 Title : SW846 8260

Signal : TIC: VY008546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.125	43	50	52	rBV2	718	1447	1.17%	0.103%
2	2.662	136	138	144	rVB2	993	1285	1.04%	0.091%
3	7.716	960	967	973	rBV3	4051	9689	7.83%	0.688%
4	7.789	973	979	989	rVB2	6870	14396	11.64%	1.022%
5	8.136	1028	1036	1044	rBV3	4272	9242	7.47%	0.656%
6	8.691	1120	1127	1138	rVB2	10634	19951	16.13%	1.417%
7	10.179	1364	1371	1380	rBV	16731	29602	23.94%	2.102%
8	10.794	1465	1472	1478	rBV3	552	1378	1.11%	0.098%
9	11.489	1579	1586	1593	rBV	16994	27434	22.18%	1.948%
10	11.691	1612	1619	1622	rBV3	955	1715	1.39%	0.122%
11	11.995	1663	1669	1673	rBV6	2010	4443	3.59%	0.315%
12	12.123	1687	1690	1694	rVB3	3123	3397	2.75%	0.241%
13	12.209	1699	1704	1707	rBV5	2927	6048	4.89%	0.429%
14	12.282	1712	1716	1718	rBV3	1365	1677	1.36%	0.119%
15	12.379	1727	1732	1737	rVB9	1572	3304	2.67%	0.235%
16	12.428	1737	1740	1743	rVB4	931	1241	1.00%	0.088%
17	12.483	1743	1749	1755	rVB2	14778	24707	19.98%	1.754%
18	12.575	1755	1764	1768	rBV7	2225	6699	5.42%	0.476%
19	12.648	1771	1776	1782	rVB6	6073	12492	10.10%	0.887%
20	12.727	1782	1789	1794	rBV8	3969	11246	9.09%	0.799%
21	12.800	1796	1801	1806	rBV7	4344	11199	9.06%	0.795%
22	12.953	1817	1826	1829	rBV7	5534	11034	8.92%	0.784%
23	12.995	1829	1833	1835	rVV4	1741	1899	1.54%	0.135%
24	13.062	1838	1844	1853	rVB4	3878	10935	8.84%	0.776%
25	13.135	1853	1856	1858	rBV3	2532	3943	3.19%	0.280%
26	13.172	1858	1862	1867	rBV7	6635	10424	8.43%	0.740%
27	13.221	1867	1870	1873	rBV4	4718	7312	5.91%	0.519%
28	13.306	1879	1884	1889	rBV7	6341	17194	13.90%	1.221%
29	13.349	1889	1891	1898	rVV6	5800	8945	7.23%	0.635%
30	13.428	1899	1904	1912	rVB	15855	27826	22.50%	1.976%
31	13.532	1918	1921	1922	rBV3	2310	2737	2.21%	0.194%
32	13.568	1922	1927	1931	rVV5	9588	18386	14.87%	1.306%
33	13.605	1931	1933	1937	rVB4	4561	6394	5.17%	0.454%
34	13.684	1942	1946	1947	rBV4	4207	5247	4.24%	0.373%
35	13.751	1951	1957	1962	rBV7	24557	47513	38.42%	3.374%
36	13.806	1964	1966	1970	rBV5	4516	6416	5.19%	0.456%

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37	13.861	1972	1975	1980	rVB6	10819	18447	14.92%	1.310%
38	13.934	1982	1987	1991	rBV7	14927	33154	26.81%	2.354%
39	14.080	2006	2011	2015	rBV7	14603	24112	19.50%	1.712%
40	14.147	2016	2022	2027	rBV5	21508	39626	32.04%	2.814%
41	14.196	2027	2030	2035	rBV5	10479	15920	12.87%	1.130%
42	14.257	2035	2040	2045	rBV5	63428	123671	100.00%	8.782%
43	14.373	2056	2059	2062	rBV4	7341	12000	9.70%	0.852%
44	14.422	2063	2067	2072	rBV4	42201	70582	57.07%	5.012%
45	14.550	2084	2088	2091	rBV4	15752	20942	16.93%	1.487%
46	14.623	2096	2100	2103	rBV5	17639	31095	25.14%	2.208%
47	14.684	2106	2110	2114	rVV5	37621	73758	59.64%	5.237%
48	14.739	2115	2119	2125	rVB4	47987	87162	70.48%	6.189%
49	14.849	2134	2137	2141	rBV3	18238	22391	18.11%	1.590%
50	14.946	2150	2153	2157	rVB2	34207	47112	38.09%	3.345%
51	15.007	2157	2163	2165	rBV6	18215	36960	29.89%	2.625%
52	15.123	2179	2182	2184	rBV3	17969	25683	20.77%	1.824%
53	15.214	2193	2197	2202	rBV	57586	87188	70.50%	6.191%
54	15.287	2203	2209	2213	rBV9	19297	45661	36.92%	3.242%
55	15.446	2232	2235	2242	rVB7	16096	32097	25.95%	2.279%
56	15.611	2257	2262	2267	rVB6	37141	61536	49.76%	4.370%
57	16.159	2348	2352	2358	rVB4	17896	31192	25.22%	2.215%
58	16.482	2400	2405	2420	rVB4	18256	67060	54.22%	4.762%
59	16.598	2421	2424	2434	rBV4	4822	12122	9.80%	0.861%

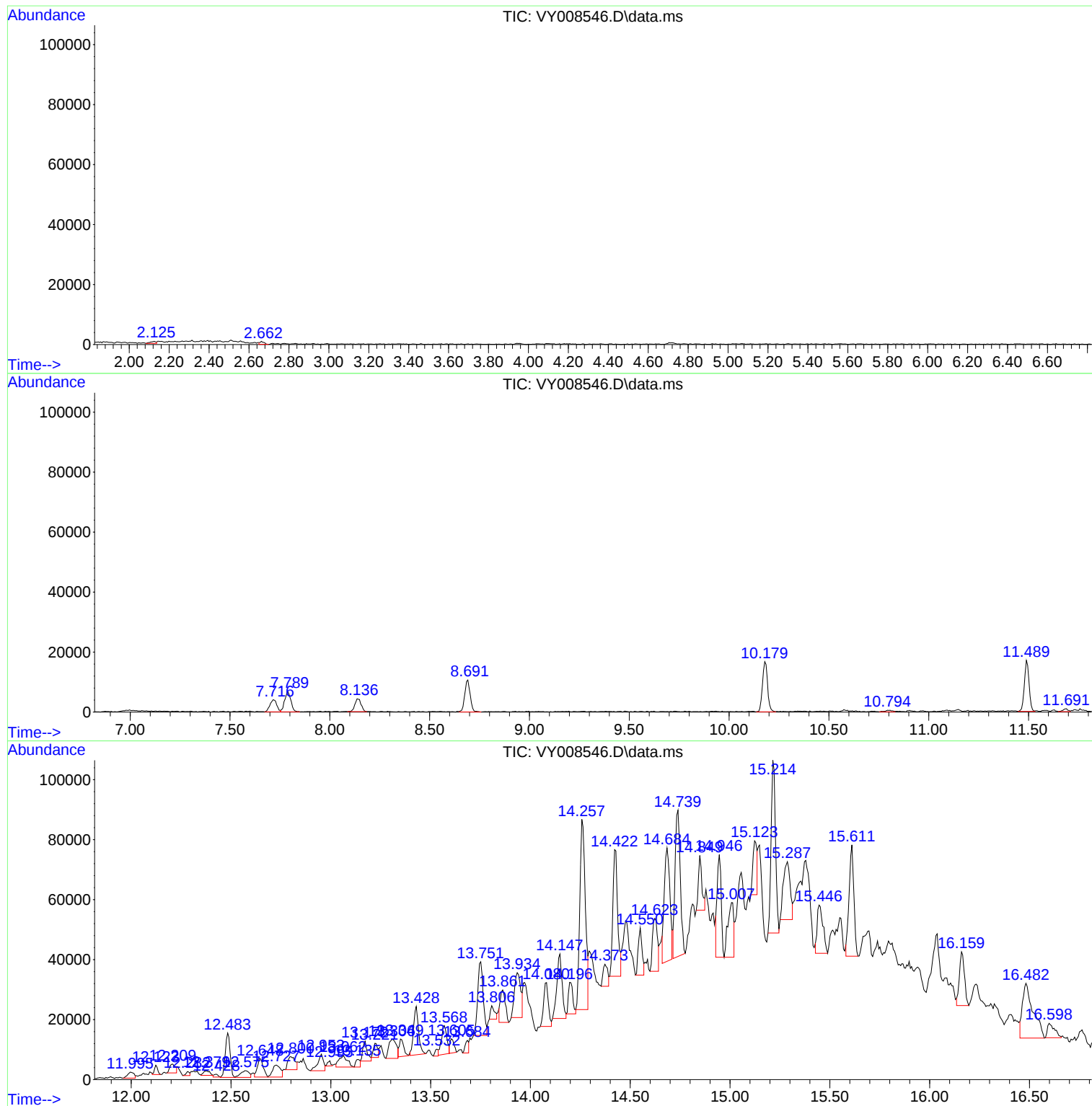
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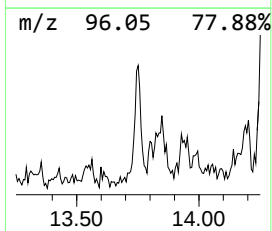
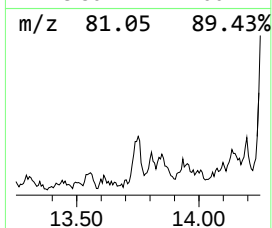
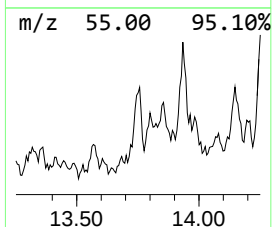
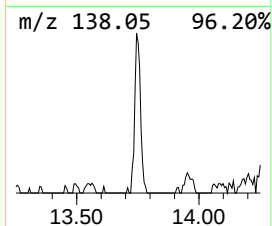
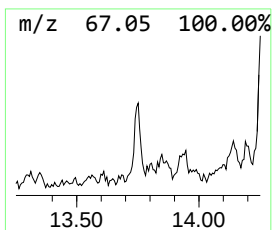
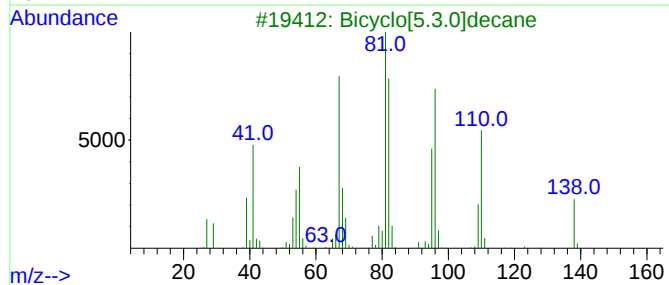
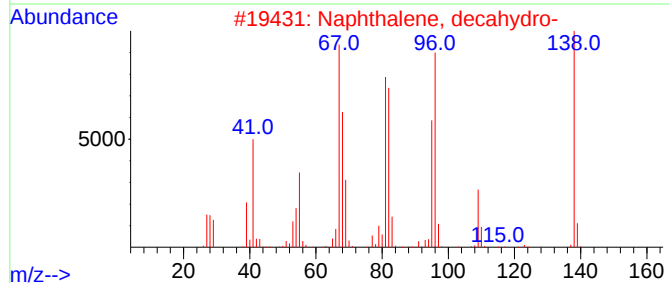
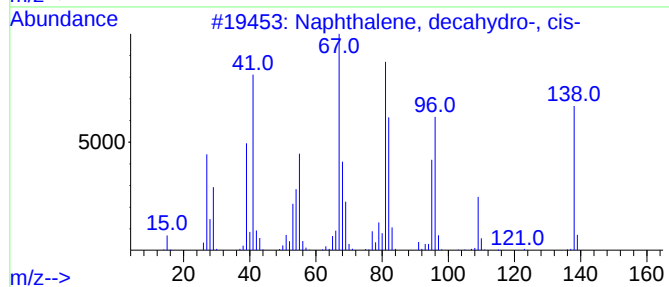
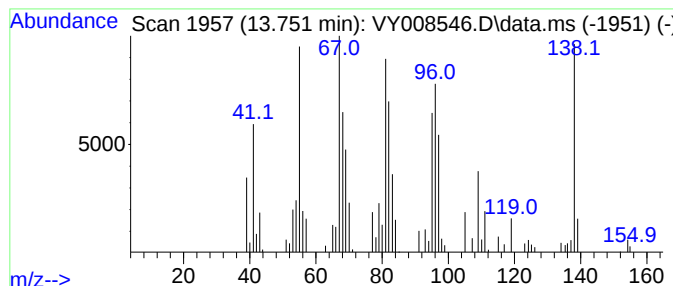
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro-, cis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	85.38 ug/l	47513	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	91
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3			Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	87
4			Spiro[4.5]decane	138	C10H18	000176-63-6	87
5			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	83



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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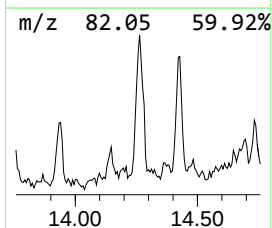
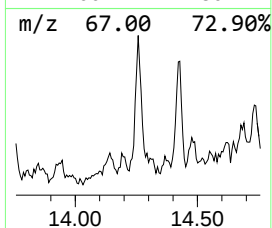
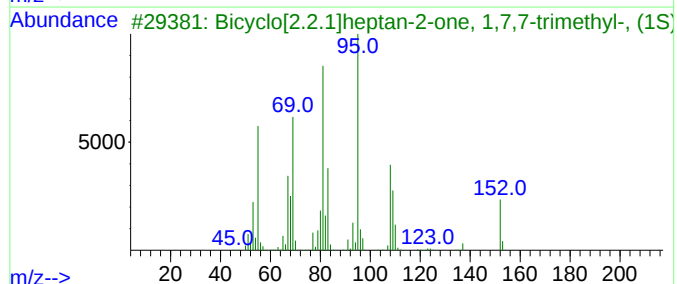
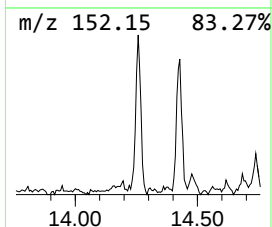
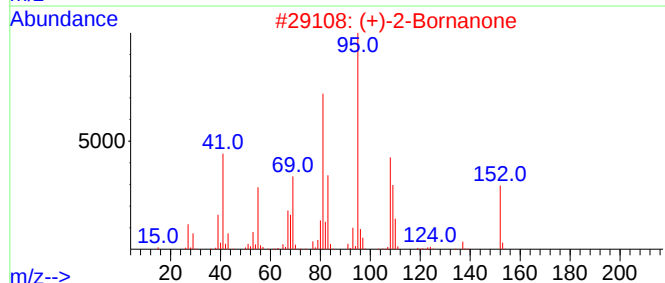
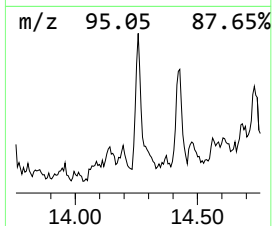
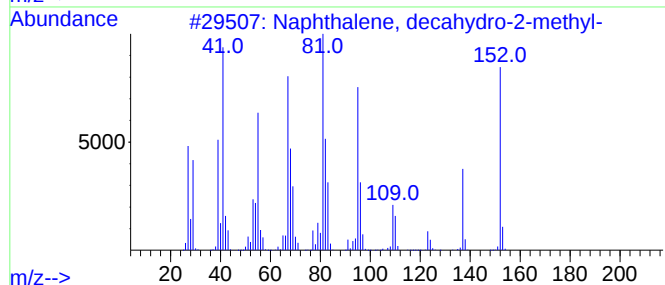
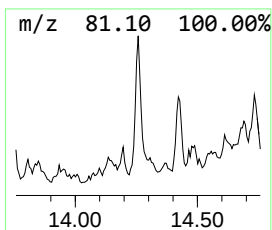
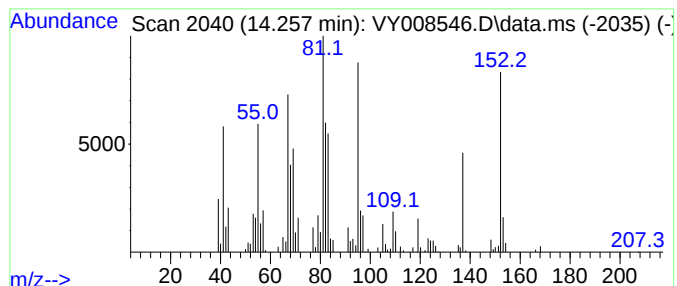
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	222.22 ug/l	123671	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2			(+)-2-Bornanone	152	C10H16O	000464-49-3	72
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
5			Camphor	152	C10H16O	000076-22-2	62



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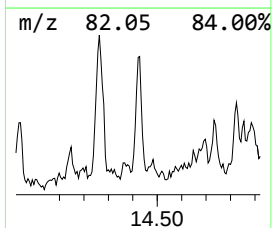
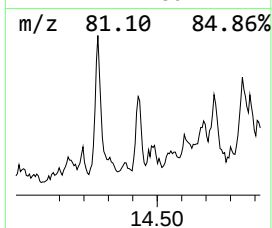
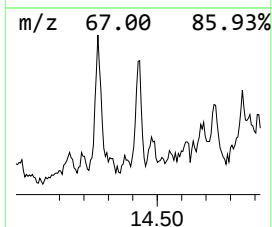
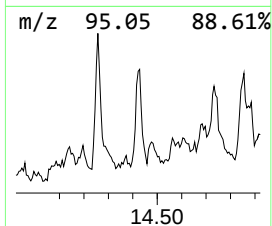
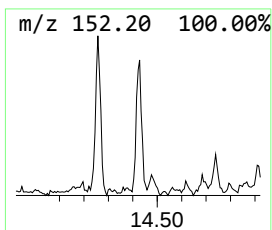
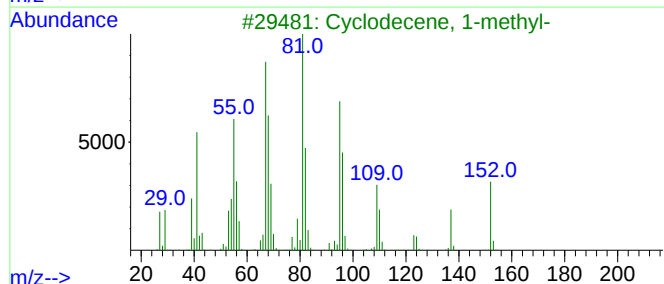
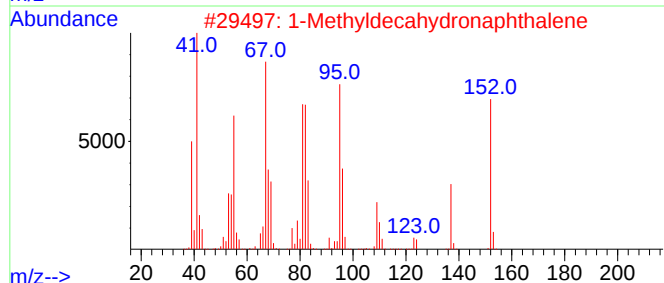
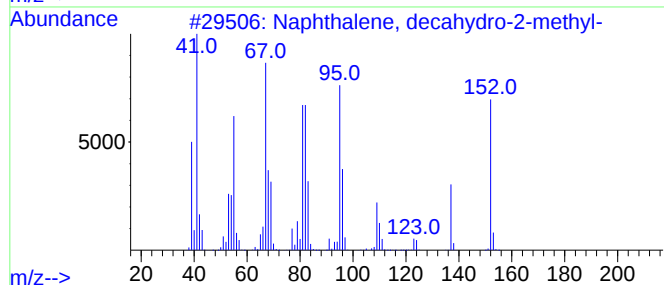
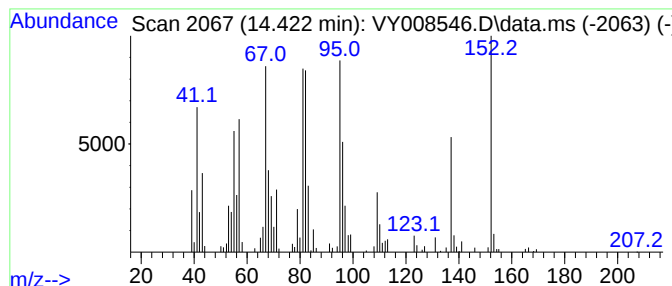
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Methyldecahydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	126.83 ug/l	70582	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
3			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	81
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58



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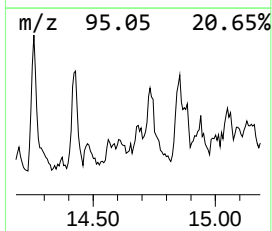
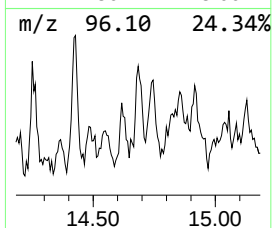
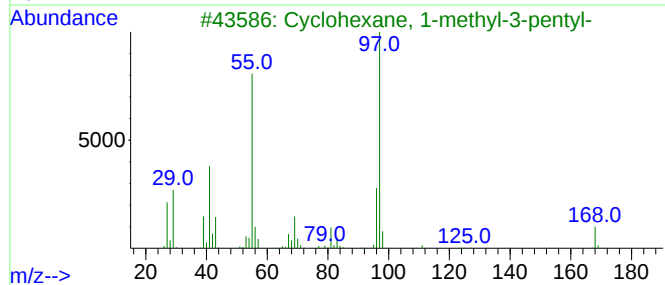
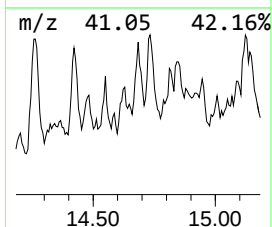
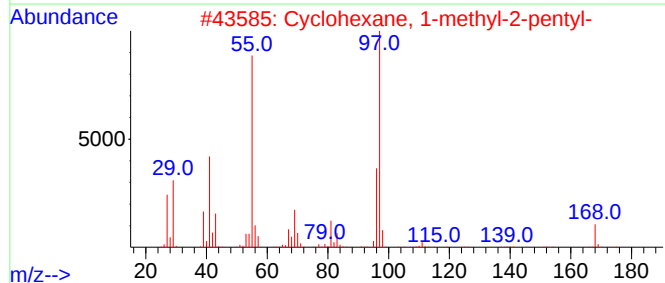
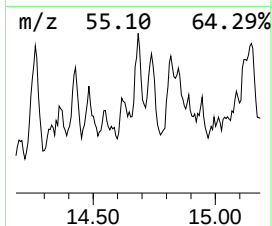
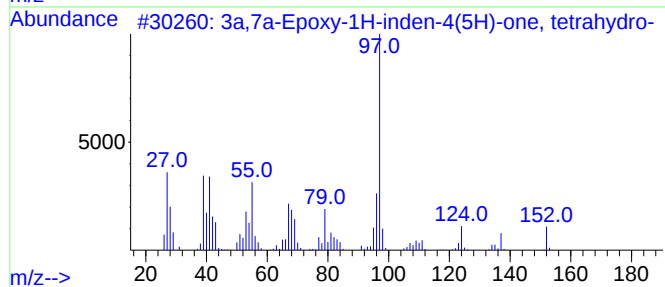
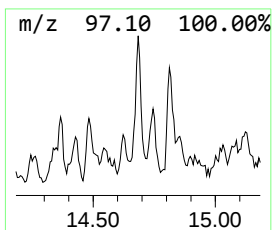
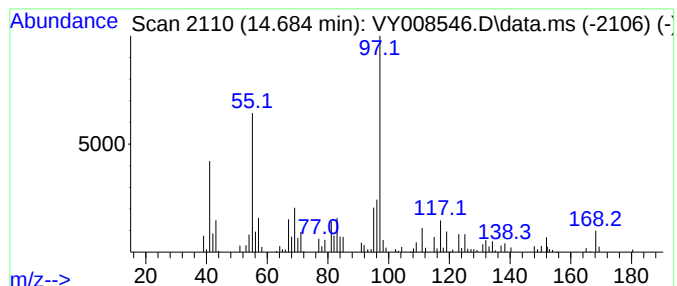
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 4 3a,7a-Epoxy-1H-inden-4(5H)-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	132.53 ug/l	73758	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	53
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	49
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	49
4			2-(3-Methyl-2,5-dihydro-1H-pyraz...	127	C6H13N3	1000387-20-9	47
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47



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MH-1

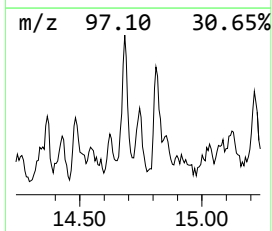
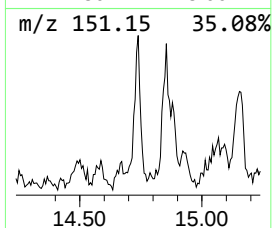
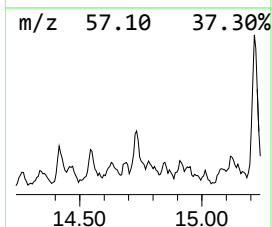
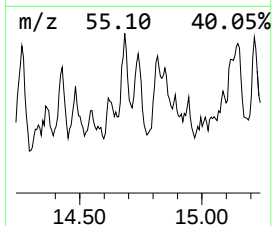
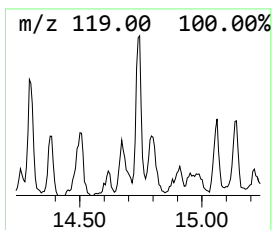
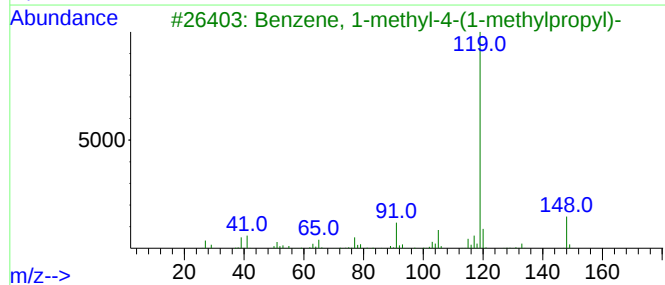
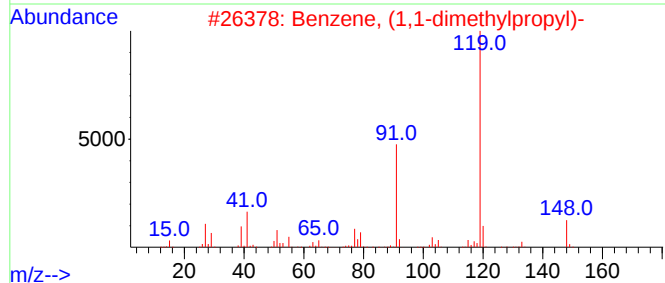
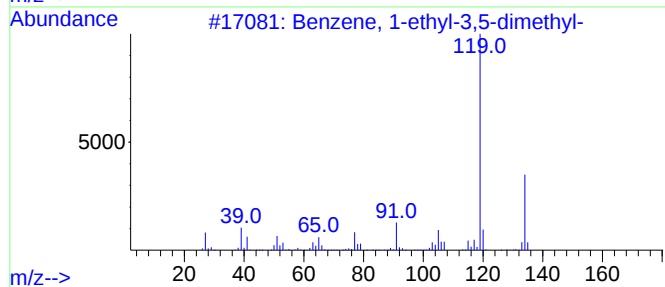
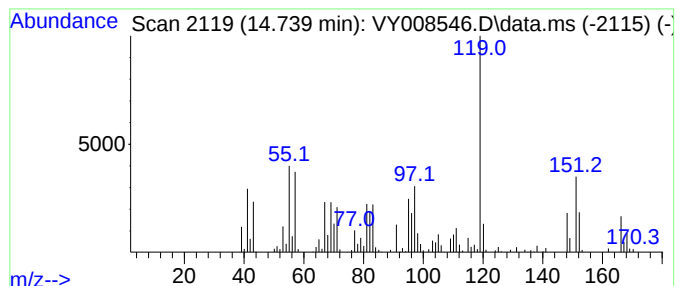
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.739 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	156.62 ug/l	87162	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	41
5			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008546.D
Acq On : 28 Apr 2022 14:36
Operator : KP/MD
Sample : N2588-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-1

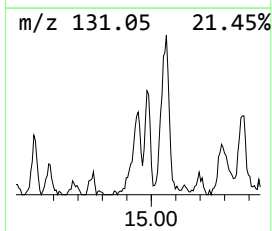
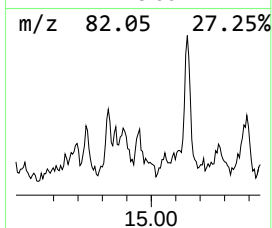
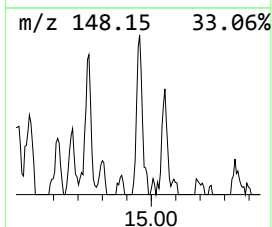
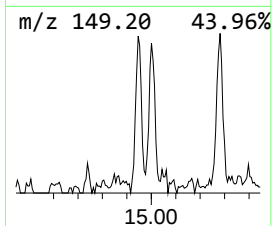
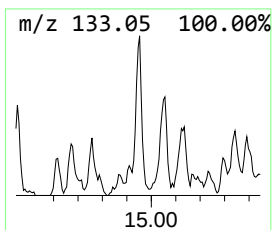
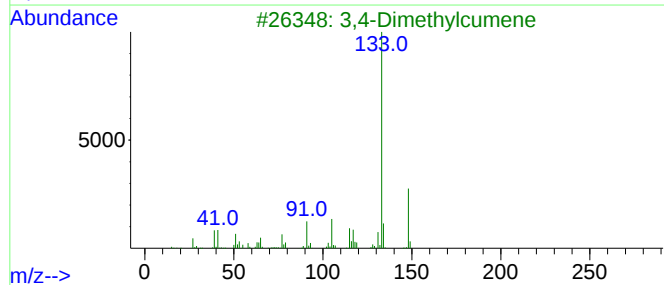
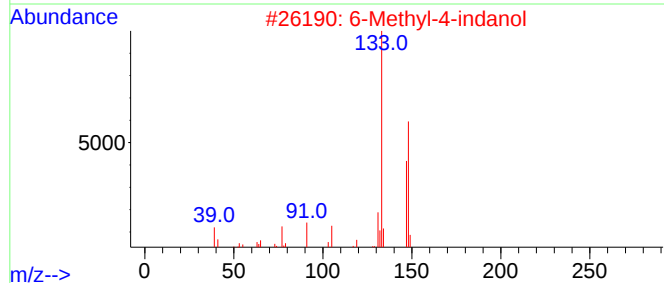
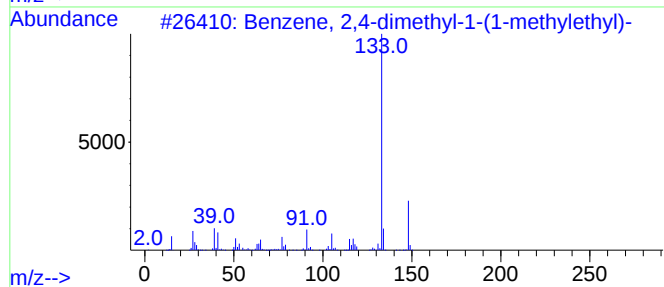
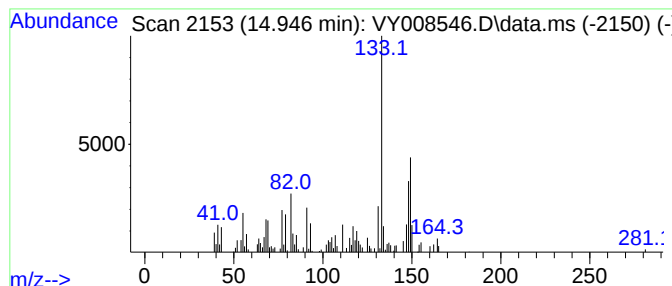
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2,4-dimethyl-1-(1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	84.65 ug/l	47112	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methylethyl)-	148	C11H16	004706-89-2	53
2			6-Methyl-4-indanol	148	C10H12O	020294-32-0	50
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	49
4			1,5,6,7-Tetramethylbicyclo[3.2.0]hept-2-ene	148	C11H16	134329-46-7	49
5			Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008546.D
Acq On : 28 Apr 2022 14:36
Operator : KP/MD
Sample : N2588-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-1

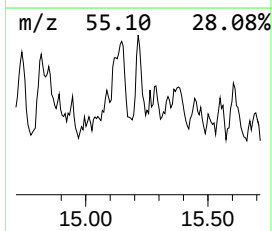
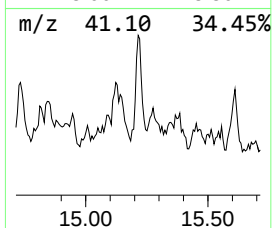
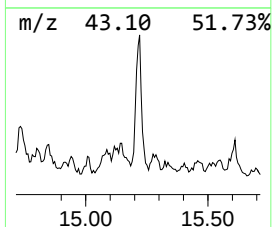
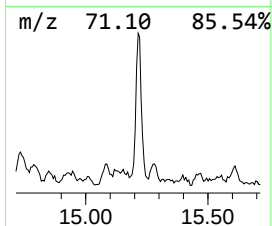
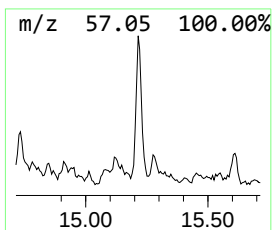
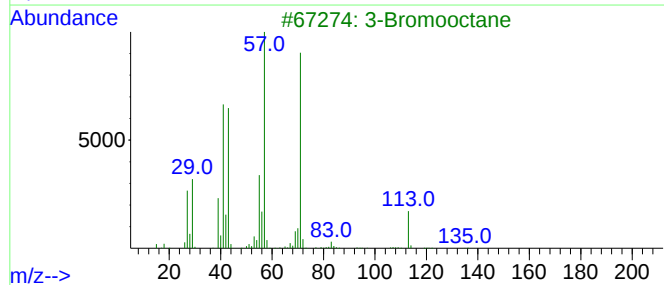
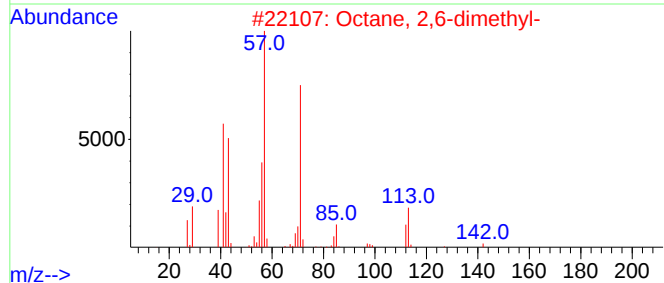
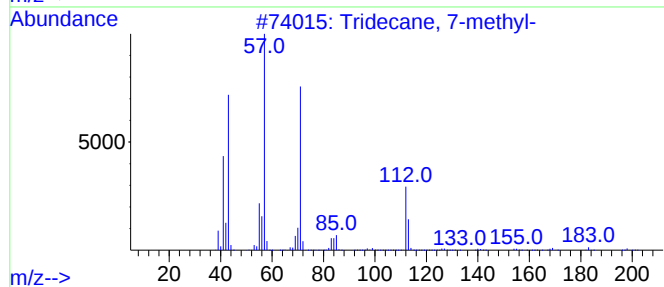
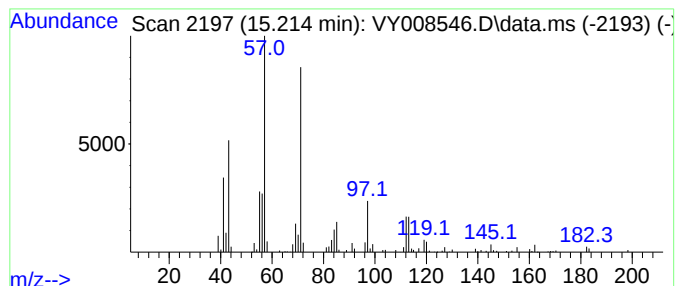
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	156.67 ug/l	87188	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			3-Bromooctane	192	C8H17Br	000999-64-4	47
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
5			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008546.D
Acq On : 28 Apr 2022 14:36
Operator : KP/MD
Sample : N2588-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-1

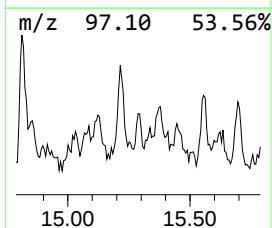
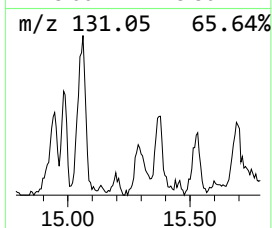
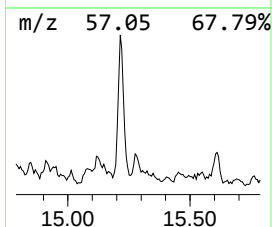
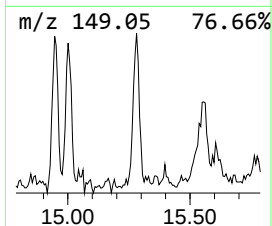
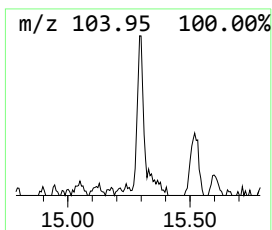
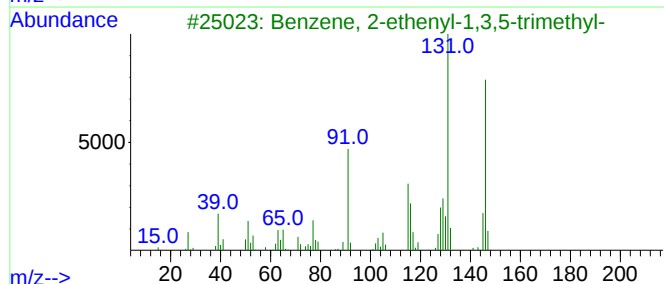
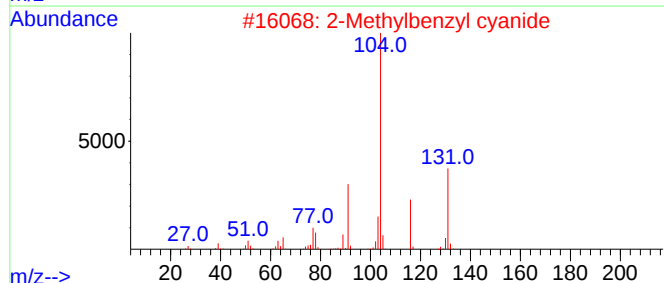
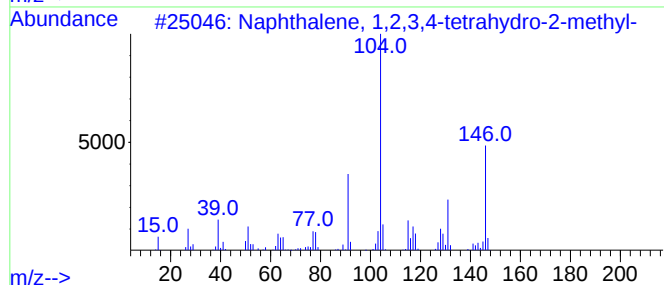
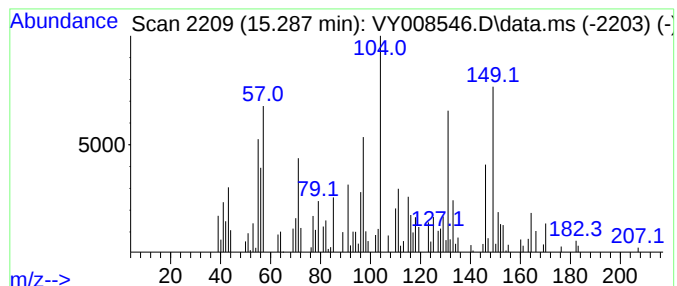
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.288 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	82.05 ug/l	45661	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	42
2			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	35
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	25
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	25
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008546.D
Acq On : 28 Apr 2022 14:36
Operator : KP/MD
Sample : N2588-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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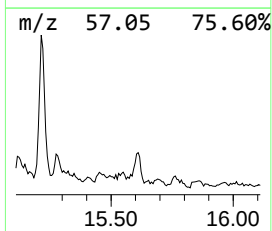
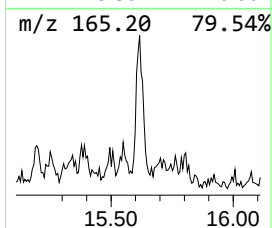
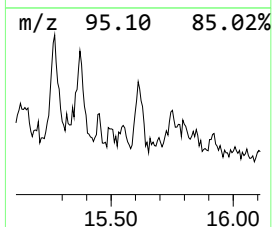
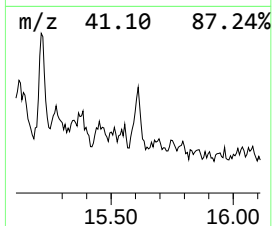
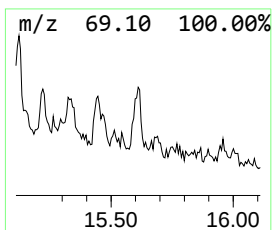
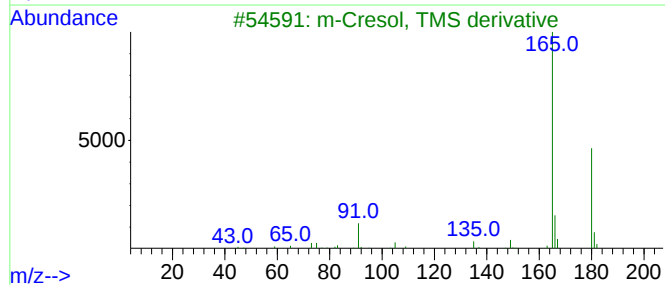
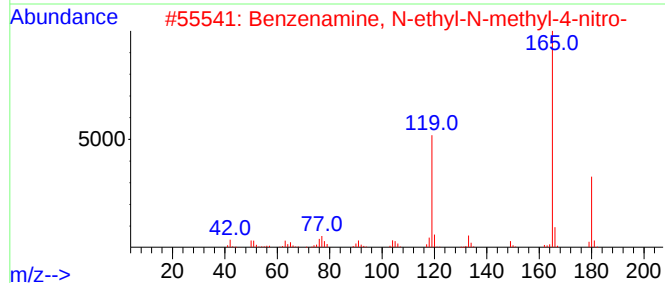
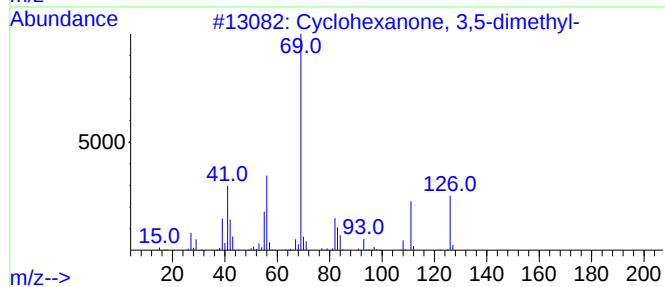
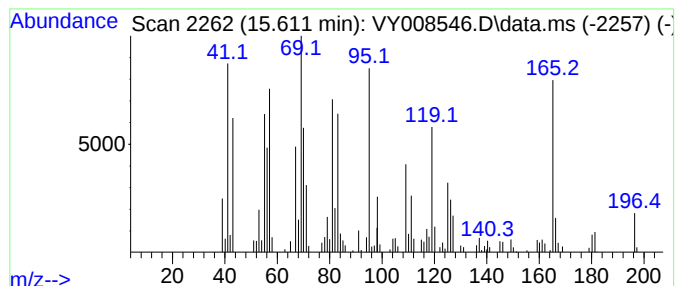
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.611 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.611	110.57 ug/l	61536	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	18
2			Benzenamine, N-ethyl-N-methyl-4-...	180	C9H12N2O2	056269-48-8	18
3			m-Cresol, TMS derivative	180	C10H16OSi	017902-31-7	11
4			2-Hexene, 2-methyl-	98	C7H14	002738-19-4	11
5			Benzoic acid, 2,4-dimethoxy-, me...	196	C10H12O4	002150-41-6	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008546.D
Acq On : 28 Apr 2022 14:36
Operator : KP/MD
Sample : N2588-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-1

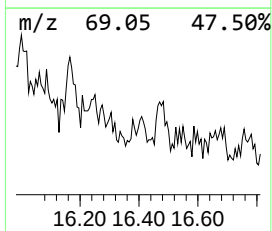
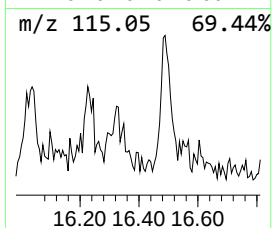
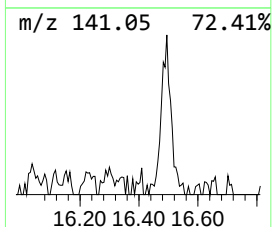
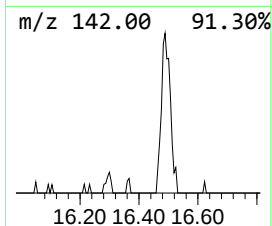
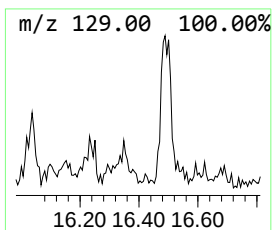
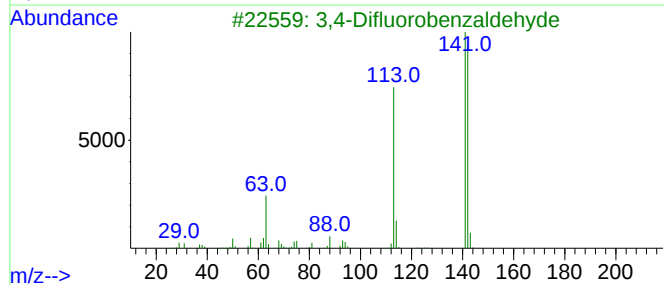
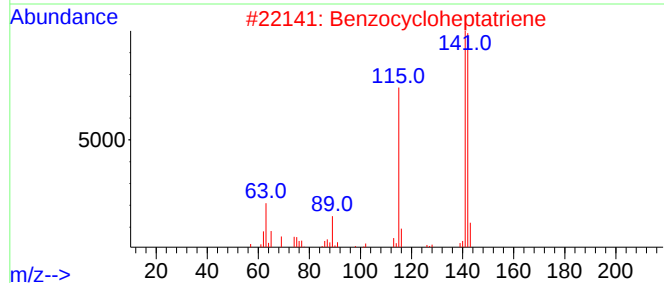
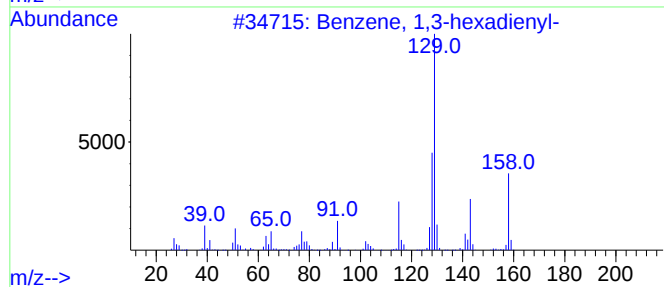
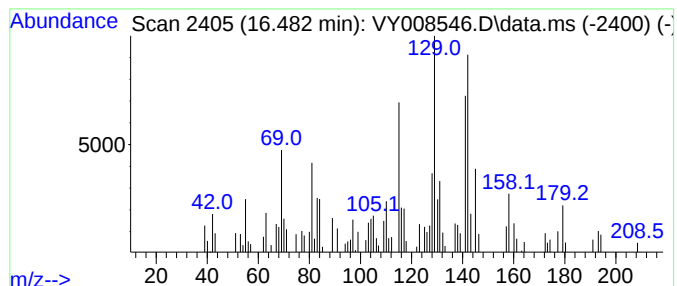
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,3-hexadienyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	120.50 ug/l	67060	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	38
2			Benzocycloheptatriene	142	C11H10	000264-09-5	30
3			3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	25
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	25
5			3,5-Difluorobenzaldehyde	142	C7H4F2O	032085-88-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008546.D
Acq On : 28 Apr 2022 14:36
Operator : KP/MD
Sample : N2588-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.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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Naphthalene, de...	14.257	222.2	ug/l	123671	4	13.422	27826	50.0
1-Methyldecahyd...	14.422	126.8	ug/l	70582	4	13.422	27826	50.0
3a,7a-Epoxy-1H-...	14.684	132.5	ug/l	73758	4	13.422	27826	50.0
unknown14.739	14.739	156.6	ug/l	87162	4	13.422	27826	50.0
Benzene, 2,4-di...	14.946	84.7	ug/l	47112	4	13.422	27826	50.0
Tridecane, 7-me...	15.214	156.7	ug/l	87188	4	13.422	27826	50.0
unknown15.288	15.288	82.0	ug/l	45661	4	13.422	27826	50.0
unknown15.611	15.611	110.6	ug/l	61536	4	13.422	27826	50.0
Benzene, 1,3-he...	16.482	120.5	ug/l	67060	4	13.422	27826	50.0