

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007545.D
 Acq On : 18 Feb 2022 15:17
 Operator : SY/MD
 Sample : N1580-04
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4

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\82Y021422S.M

Title : SW846 8260

Signal : TIC: VY007545.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	957	967	973	rBV	62147	145768	31.06%	1.586%
2	7.789	973	979	988	rVV	95708	219012	46.66%	2.384%
3	7.868	988	992	1001	rVB3	4987	11134	2.37%	0.121%
4	7.990	1007	1012	1020	rBV6	3633	9375	2.00%	0.102%
5	8.142	1028	1037	1046	rBV	55579	121568	25.90%	1.323%
6	8.319	1048	1066	1076	rVV	33650	93885	20.00%	1.022%
7	8.417	1076	1082	1091	rVB3	4275	9137	1.95%	0.099%
8	8.685	1118	1126	1138	rVB	143173	287277	61.21%	3.126%
9	9.154	1196	1203	1204	rBV4	8257	14768	3.15%	0.161%
10	9.185	1204	1208	1213	rVV4	13022	26295	5.60%	0.286%
11	9.240	1213	1217	1224	rVB3	9842	19634	4.18%	0.214%
12	9.459	1244	1253	1259	rVB5	7721	20210	4.31%	0.220%
13	9.612	1270	1278	1286	rBV2	36678	76378	16.27%	0.831%
14	9.746	1290	1300	1307	rBV2	30166	68188	14.53%	0.742%
15	9.856	1314	1318	1322	rVB4	5965	10083	2.15%	0.110%
16	9.947	1325	1333	1337	rBV5	10710	31324	6.67%	0.341%
17	10.069	1347	1353	1354	rBV5	4052	5421	1.15%	0.059%
18	10.112	1355	1360	1364	rVV2	16552	32052	6.83%	0.349%
19	10.179	1364	1371	1385	rVB	262344	469365	100.00%	5.108%
20	10.307	1385	1392	1393	rBV6	2601	5073	1.08%	0.055%
21	10.362	1393	1401	1411	rVB6	12760	39296	8.37%	0.428%
22	10.477	1411	1420	1422	rBV5	9151	17914	3.82%	0.195%
23	10.520	1422	1427	1434	rVB2	27828	50960	10.86%	0.555%
24	10.611	1434	1442	1448	rBV5	16838	41972	8.94%	0.457%
25	10.666	1448	1451	1454	rVB3	5444	7105	1.51%	0.077%
26	10.709	1454	1458	1464	rVB3	8283	11943	2.54%	0.130%
27	10.800	1468	1473	1479	rVB	17331	29921	6.37%	0.326%
28	10.904	1479	1490	1497	rBV2	13358	38984	8.31%	0.424%
29	10.971	1497	1501	1503	rBV2	10370	16715	3.56%	0.182%
30	11.002	1503	1506	1509	rVV5	9425	15345	3.27%	0.167%
31	11.038	1509	1512	1515	rVV	10142	13447	2.86%	0.146%
32	11.087	1515	1520	1526	rVB	70095	122270	26.05%	1.331%
33	11.142	1526	1529	1533	rBV3	11131	14692	3.13%	0.160%
34	11.197	1533	1538	1543	rBV5	18997	34814	7.42%	0.379%
35	11.294	1543	1554	1562	rVB3	40141	120726	25.72%	1.314%
36	11.380	1562	1568	1573	rBV	27306	49512	10.55%	0.539%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007545.D
 Acq On : 18 Feb 2022 15:17
 Operator : SY/MD
 Sample : N1580-04
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4

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\82Y021422S.M
 Title : SW846 8260

37	11.489	1579	1586	1595	rBV	234359	390942	83.29%	4.255%
38	11.623	1604	1608	1612	rBV	22187	32310	6.88%	0.352%
39	11.678	1612	1617	1621	rBV5	17406	35358	7.53%	0.385%
40	11.739	1621	1627	1632	rBV3	37168	81170	17.29%	0.883%
41	11.843	1638	1644	1646	rBV5	14073	27725	5.91%	0.302%
42	11.898	1647	1653	1655	rVV3	18028	35320	7.53%	0.384%
43	11.934	1655	1659	1663	rVB3	16530	27183	5.79%	0.296%
44	12.001	1663	1670	1676	rBV3	70839	159181	33.91%	1.732%
45	12.056	1676	1679	1681	rVV2	9780	10590	2.26%	0.115%
46	12.087	1681	1684	1686	rVV2	10068	12631	2.69%	0.137%
47	12.117	1686	1689	1694	rVB	51122	71690	15.27%	0.780%
48	12.203	1694	1703	1705	rBV4	60990	126848	27.03%	1.380%
49	12.233	1705	1708	1713	rVB4	56236	92219	19.65%	1.004%
50	12.288	1713	1717	1718	rBV3	8623	10689	2.28%	0.116%
51	12.373	1726	1731	1735	rBV7	28797	65769	14.01%	0.716%
52	12.410	1735	1737	1743	rVB2	51302	72316	15.41%	0.787%
53	12.477	1743	1748	1754	rBV	197720	324151	69.06%	3.528%
54	12.526	1754	1756	1758	rBV2	6769	6333	1.35%	0.069%
55	12.568	1758	1763	1766	rBV6	18381	35085	7.47%	0.382%
56	12.642	1771	1775	1782	rVB3	105761	186814	39.80%	2.033%
57	12.727	1782	1789	1795	rBV6	46925	129002	27.48%	1.404%
58	12.806	1795	1802	1807	rVV4	83049	197239	42.02%	2.147%
59	12.855	1808	1810	1816	rVB3	34187	50424	10.74%	0.549%
60	12.946	1821	1825	1829	rBV4	48871	66550	14.18%	0.724%
61	13.001	1829	1834	1836	rBV4	25886	47796	10.18%	0.520%
62	13.038	1836	1840	1847	rVB2	122230	190874	40.67%	2.077%
63	13.166	1857	1861	1867	rBV4	33356	53057	11.30%	0.577%
64	13.318	1878	1886	1889	rBV6	85624	188561	40.17%	2.052%
65	13.361	1889	1893	1896	rVV3	51361	83258	17.74%	0.906%
66	13.422	1896	1903	1912	rVB	212147	362536	77.24%	3.946%
67	13.562	1923	1926	1929	rBV4	26083	34601	7.37%	0.377%
68	13.745	1951	1956	1961	rBV2	191297	333414	71.04%	3.629%
69	13.794	1961	1964	1968	rVB2	42888	59723	12.72%	0.650%
70	13.855	1970	1974	1977	rBV4	40249	66352	14.14%	0.722%
71	13.971	1989	1993	1997	rVB	72632	106352	22.66%	1.157%
72	14.074	2005	2010	2015	rBV3	88915	141893	30.23%	1.544%
73	14.141	2015	2021	2026	rBV6	59332	134582	28.67%	1.465%
74	14.196	2027	2030	2033	rBV5	27517	41000	8.74%	0.446%
75	14.257	2035	2040	2050	rVB6	154092	424752	90.50%	4.623%
76	14.379	2056	2060	2063	rBV3	64174	102494	21.84%	1.115%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007545.D
 Acq On : 18 Feb 2022 15:17
 Operator : SY/MD
 Sample : N1580-04
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4

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\82Y021422S.M
 Title : SW846 8260

77	14.422	2063	2067	2070	rVV3	123835	181742	38.72%	1.978%
78	14.617	2095	2099	2102	rBV3	52738	76357	16.27%	0.831%
79	14.678	2104	2109	2114	rVV3	132273	263277	56.09%	2.865%
80	14.733	2114	2118	2124	rVB3	142947	230244	49.05%	2.506%
81	14.788	2124	2127	2133	rVB5	44723	93872	20.00%	1.022%
82	14.849	2134	2137	2138	rBV2	31085	36535	7.78%	0.398%
83	14.946	2149	2153	2156	rVB2	90229	117796	25.10%	1.282%
84	15.050	2165	2170	2179	rVB4	85842	185878	39.60%	2.023%
85	15.141	2180	2185	2190	rVB4	75010	155255	33.08%	1.690%
86	15.214	2191	2197	2203	rBV3	133269	224302	47.79%	2.441%
87	15.342	2214	2218	2222	rBV4	35065	69715	14.85%	0.759%
88	15.440	2230	2234	2241	rVB7	34069	85375	18.19%	0.929%
89	15.525	2242	2248	2250	rBV3	32395	70326	14.98%	0.765%
90	15.604	2257	2261	2265	rVB5	53302	96299	20.52%	1.048%
91	16.025	2325	2330	2335	rBV3	54893	103278	22.00%	1.124%
92	16.153	2347	2351	2356	rVB2	67596	106876	22.77%	1.163%
93	16.476	2399	2404	2412	rBV6	45401	108644	23.15%	1.182%
94	16.598	2419	2424	2434	rVB9	22630	62449	13.30%	0.680%

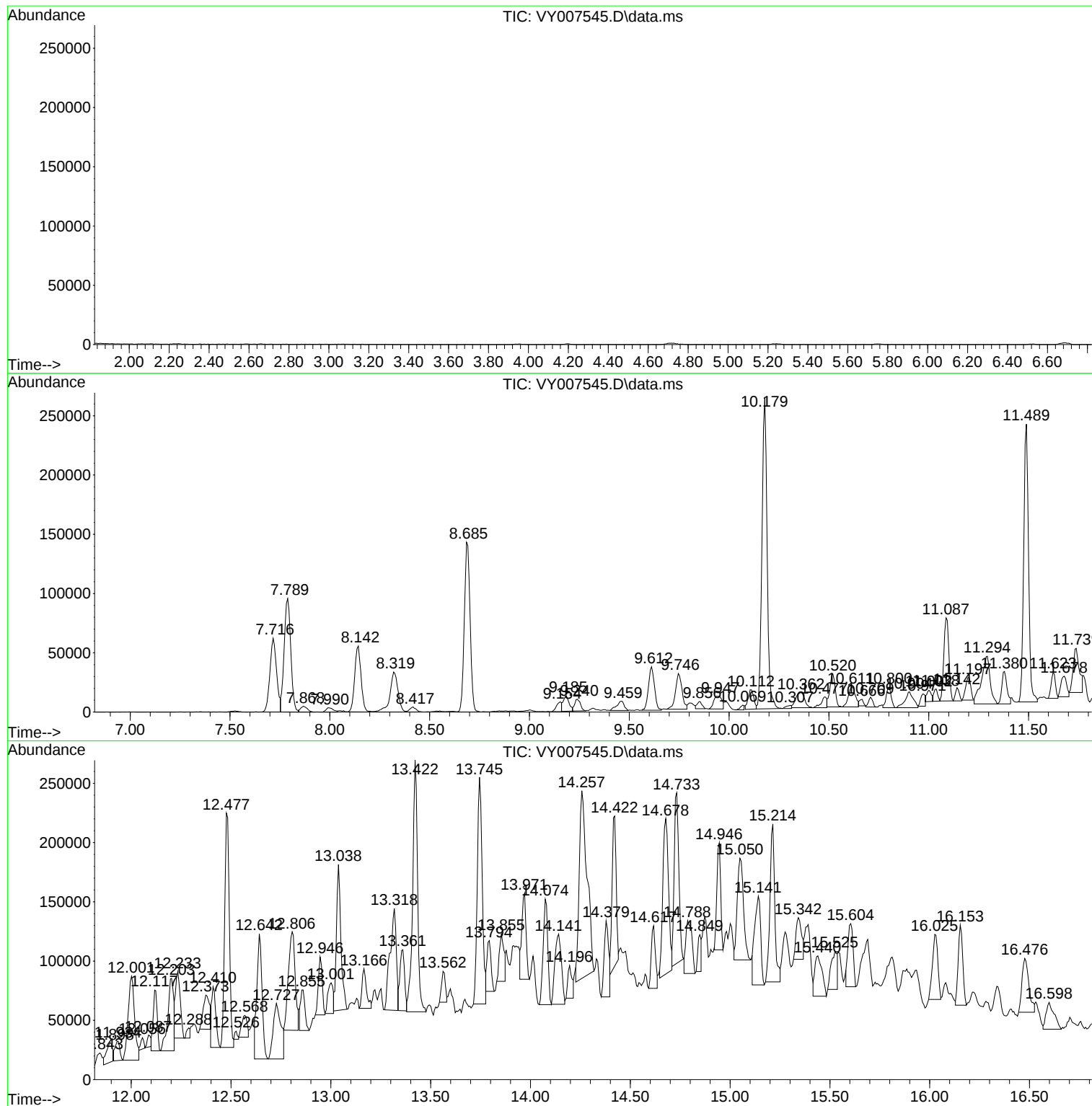
Sum of corrected areas: 9188567

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

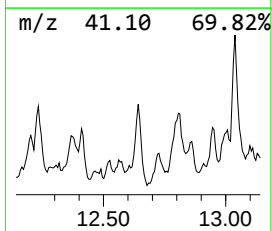
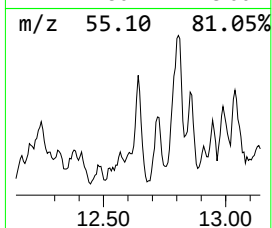
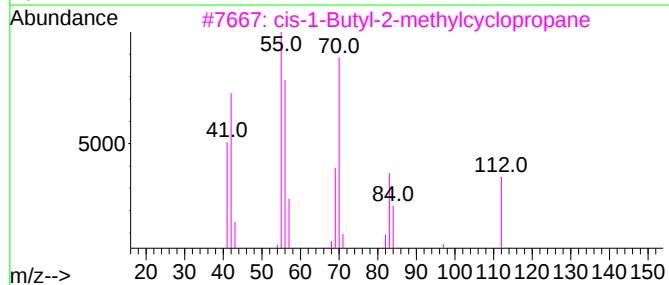
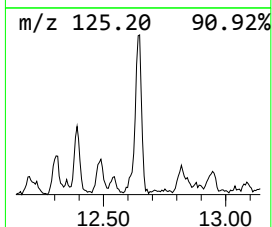
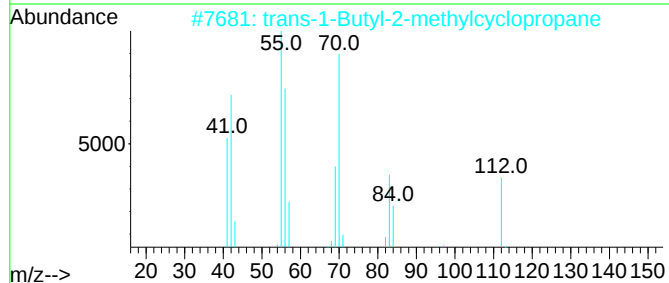
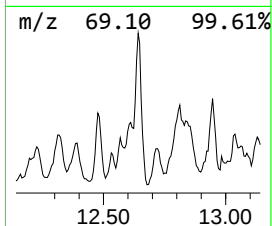
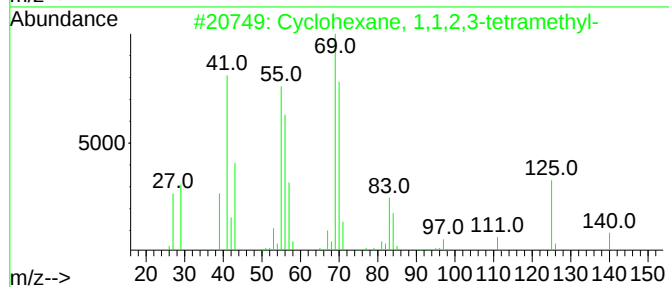
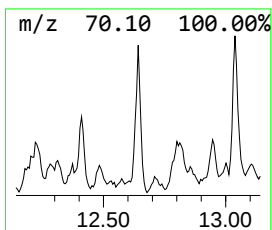
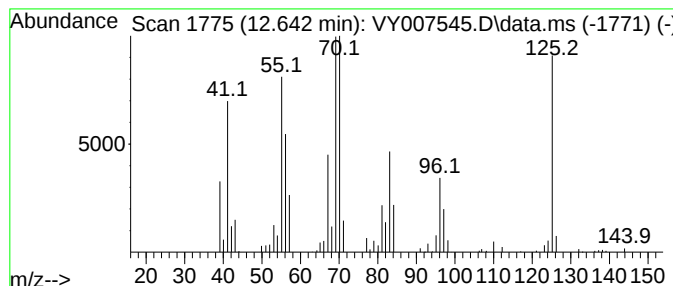
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	25.76 ug/l	186814	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
2			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	41
3			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	41
4			Octane, 2-chloro-	148	C8H17Cl	000628-61-5	35
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

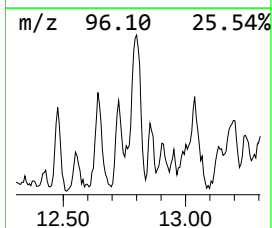
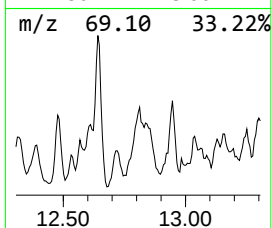
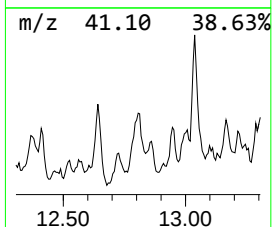
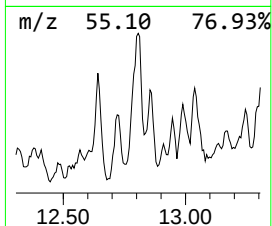
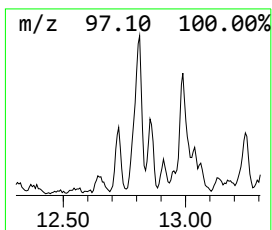
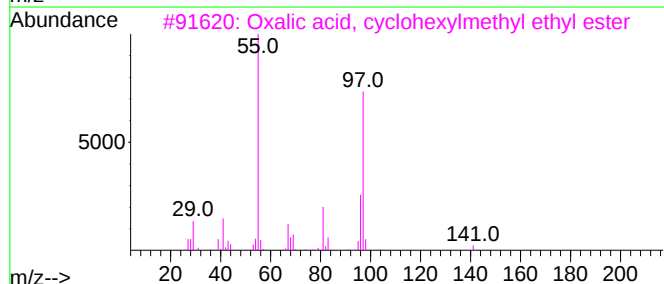
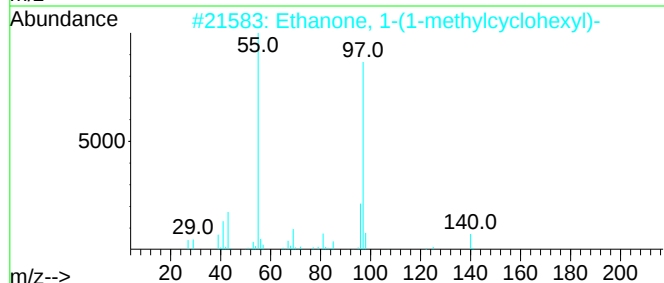
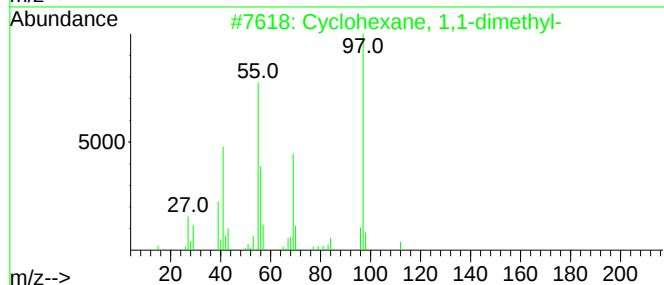
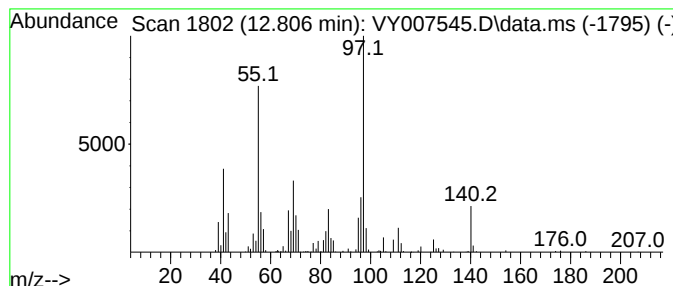
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,1-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	27.20 ug/l	197239	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	55
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
3			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
4			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

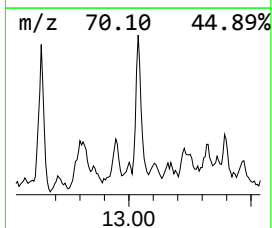
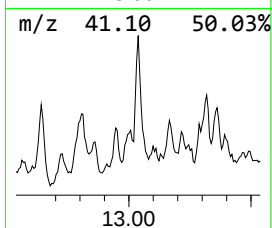
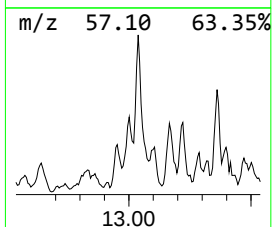
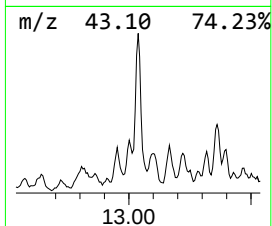
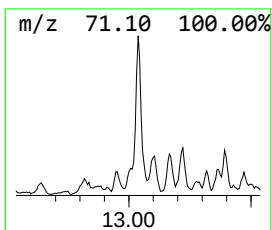
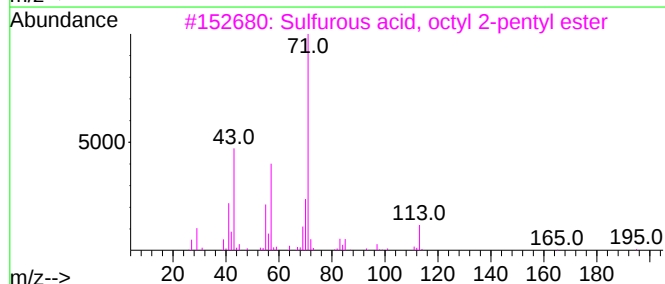
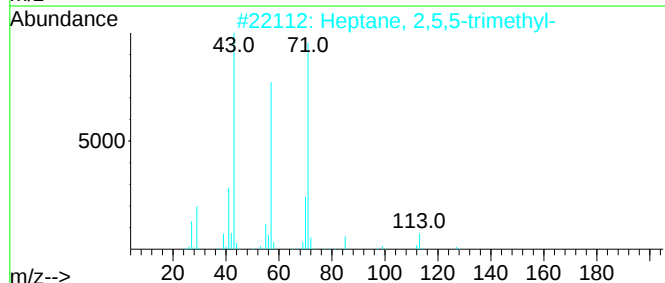
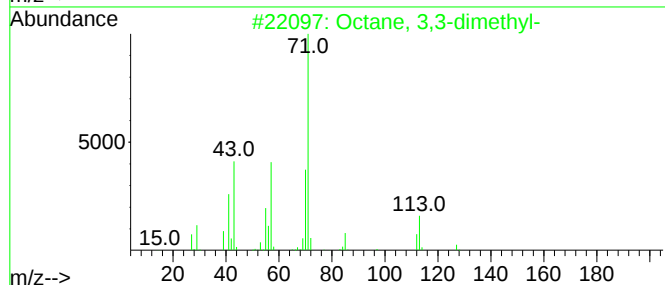
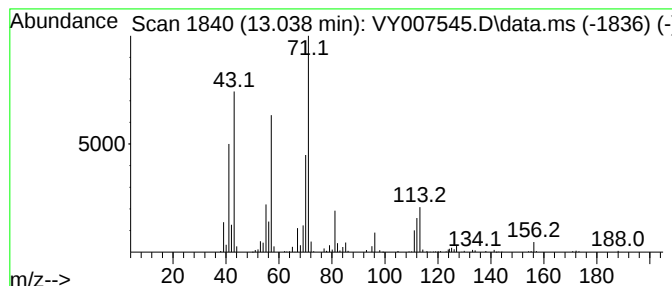
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 3 Octane, 3,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	26.32 ug/l	190874	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
2			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	53
3			Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	50
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5			n-Amyl ether	158	C10H22O	000693-65-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

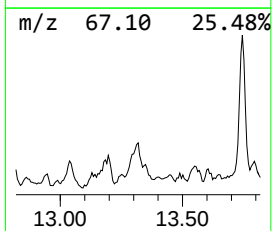
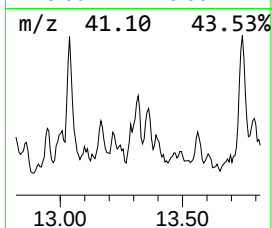
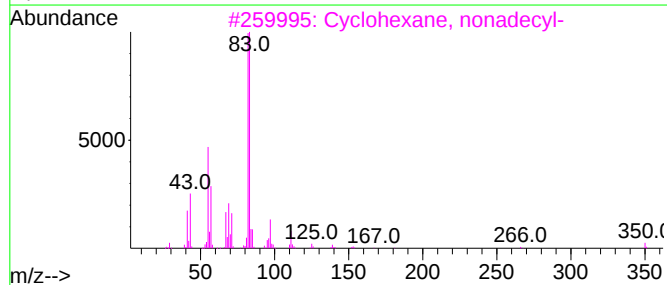
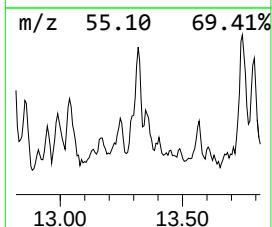
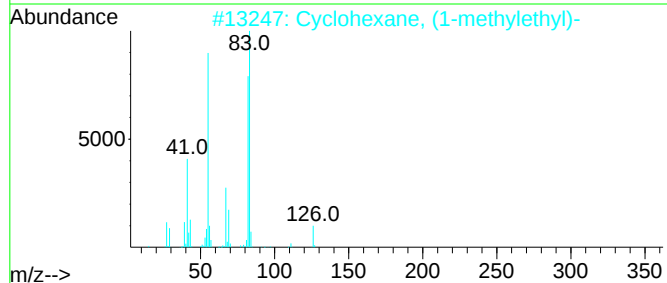
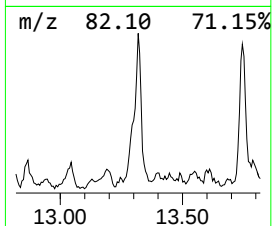
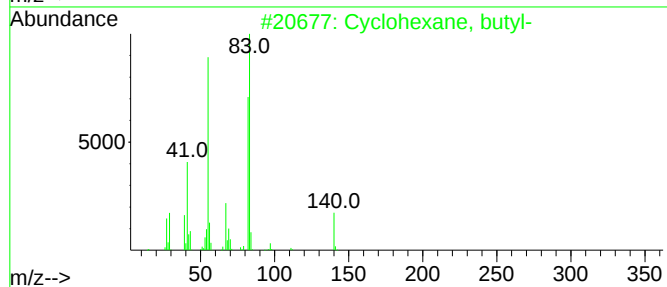
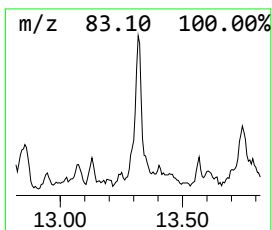
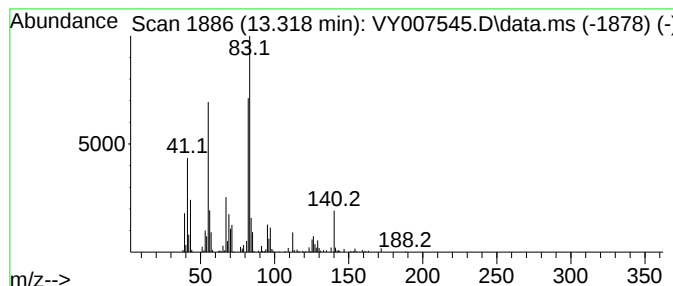
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.318	26.01 ug/l	188561	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	53
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

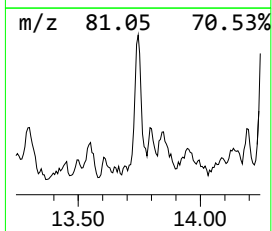
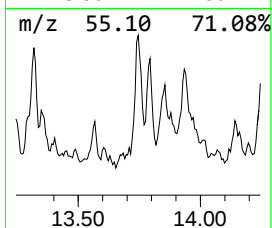
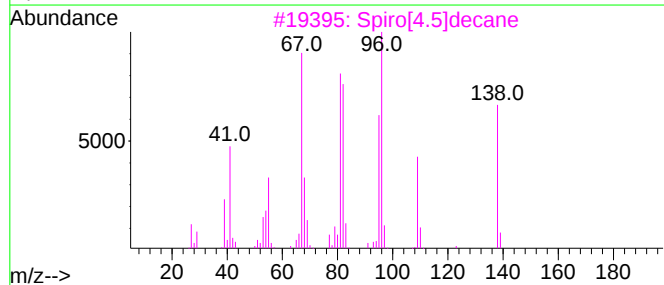
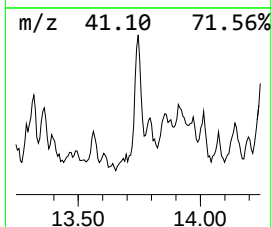
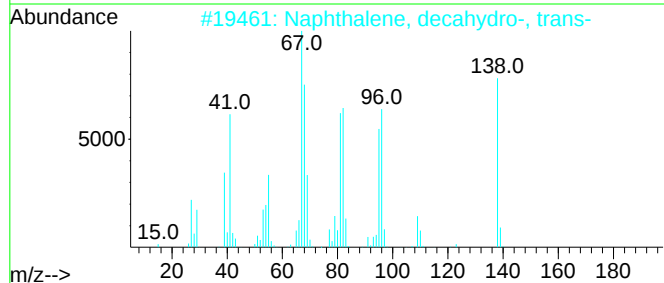
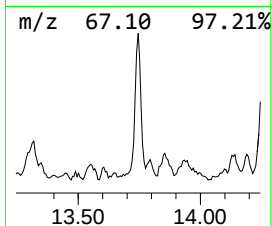
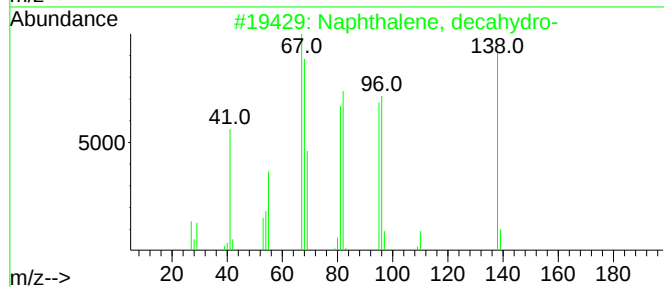
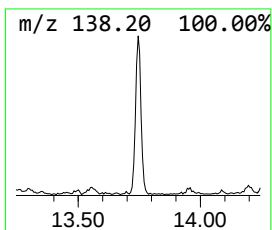
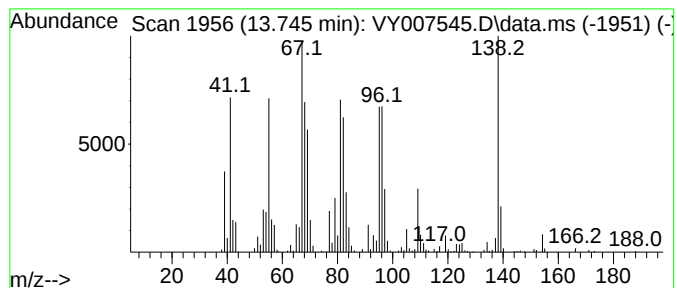
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	45.98 ug/l	333414	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3			Spiro[4.5]decane	138	C10H18	000176-63-6	83
4			Cyclodecene	138	C10H18	003618-12-0	74
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

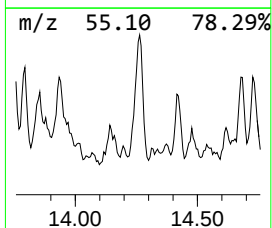
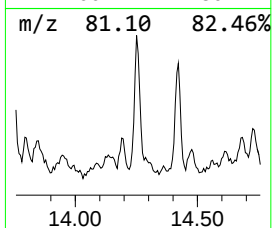
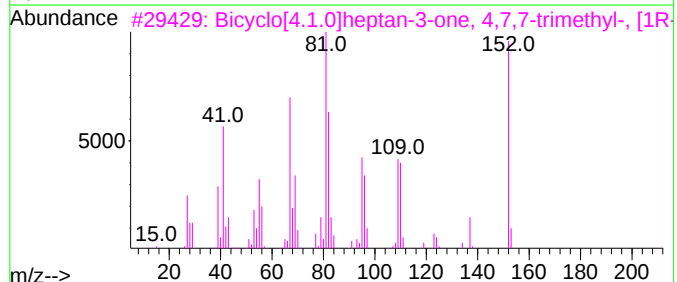
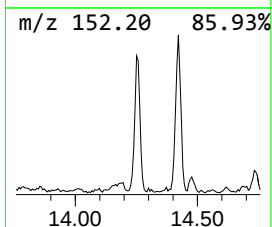
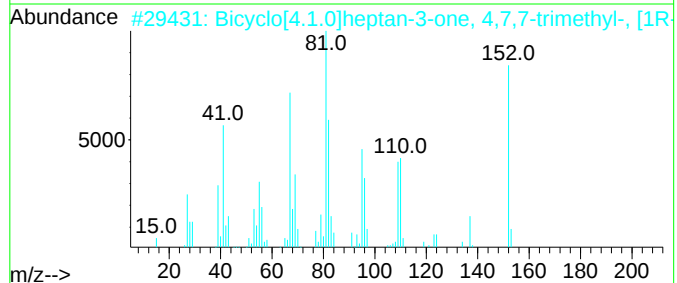
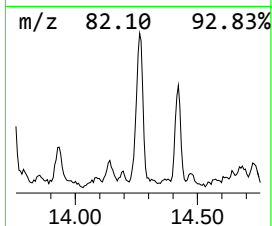
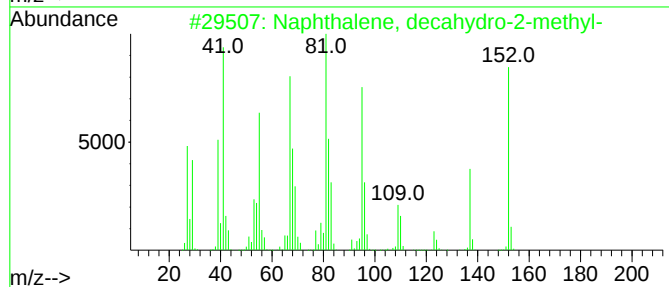
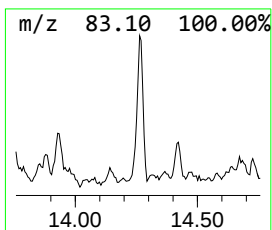
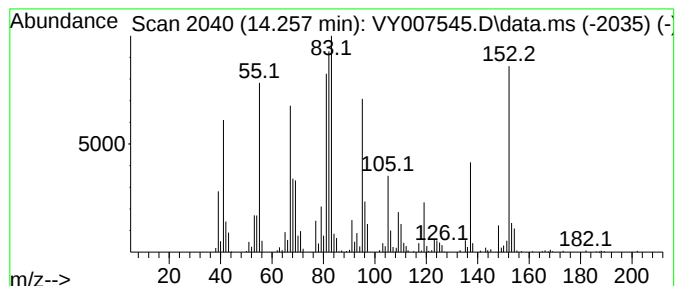
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	58.58 ug/l	424752	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	96
2			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	53
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	49
4			Pulegone	152	C10H16O	000089-82-7	45
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

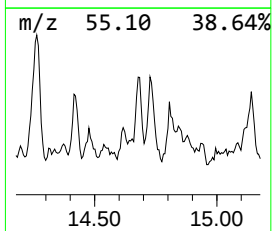
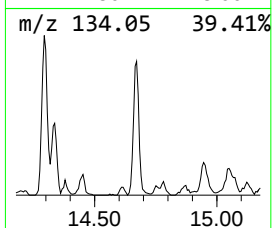
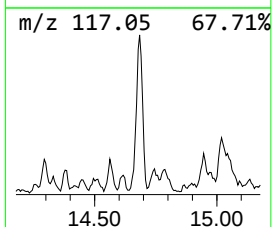
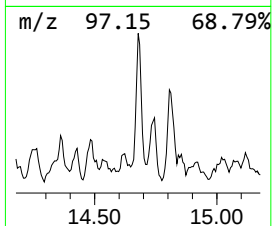
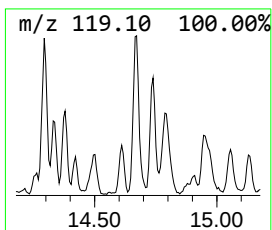
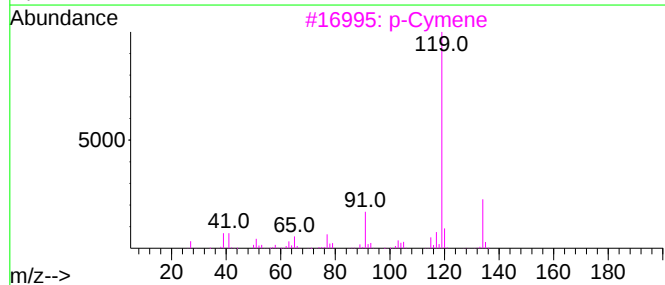
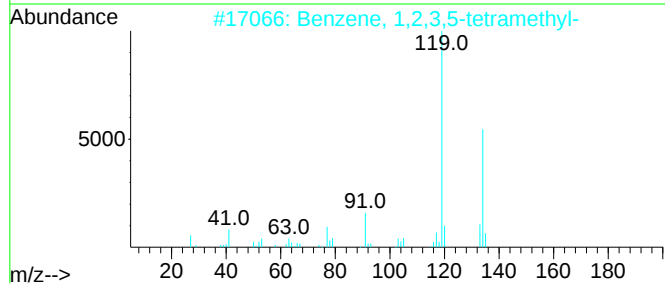
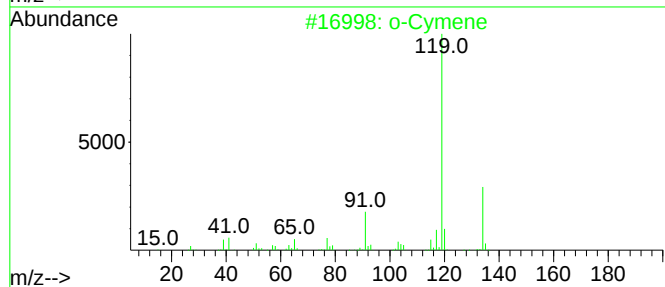
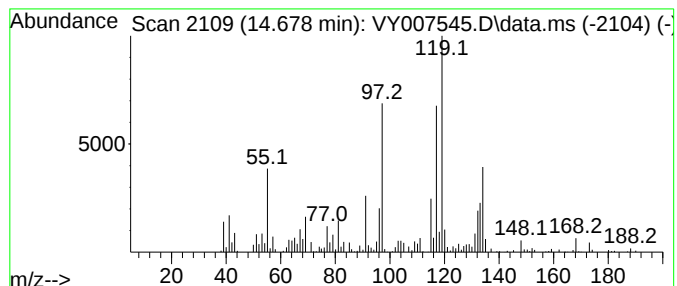
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 7 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	36.31 ug/l	263277	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	50
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46
3			p-Cymene	134	C10H14	000099-87-6	46
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	45
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

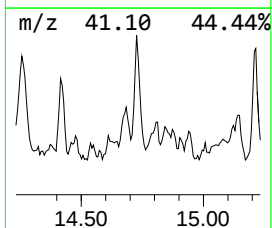
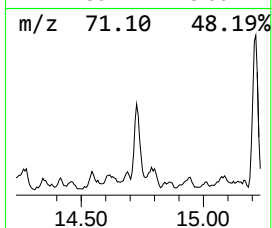
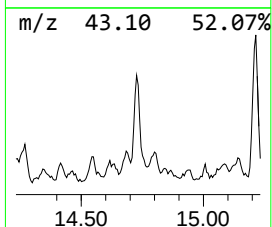
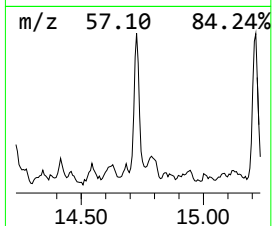
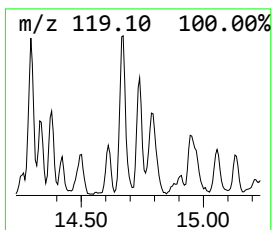
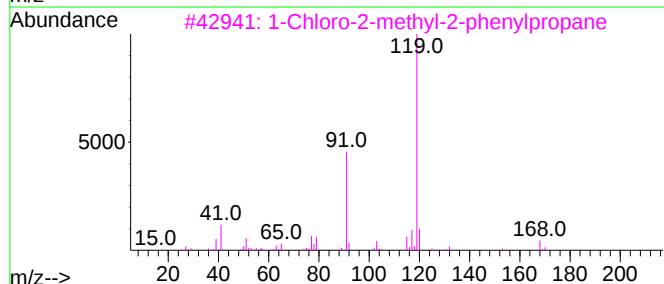
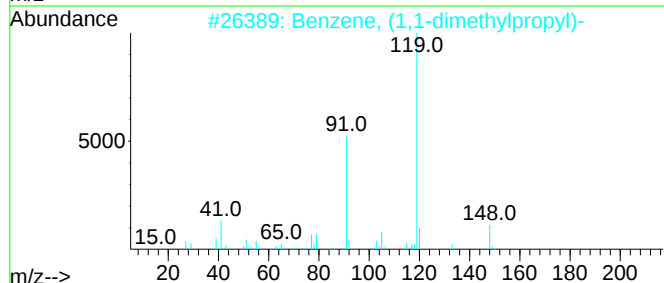
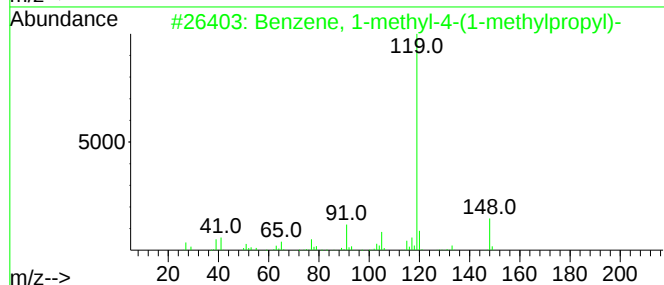
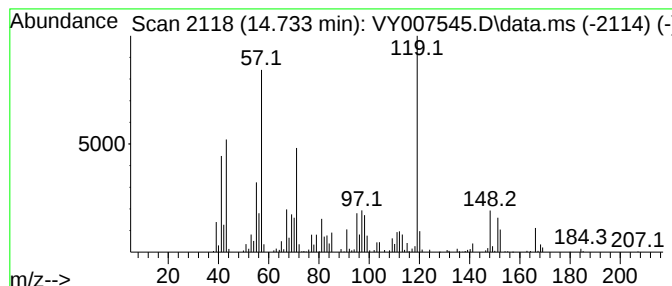
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown14.733 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	31.75 ug/l	230244	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	45
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
3			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	30
4			Benzoic acid, 3-methyl-, 3-methy...	206	C13H18O2	1000355-70-5	27
5			2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

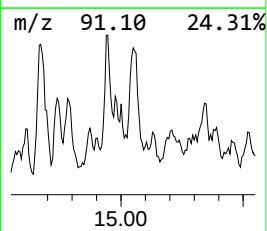
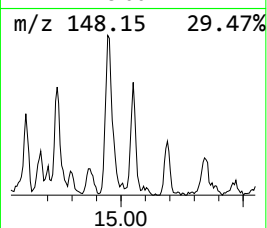
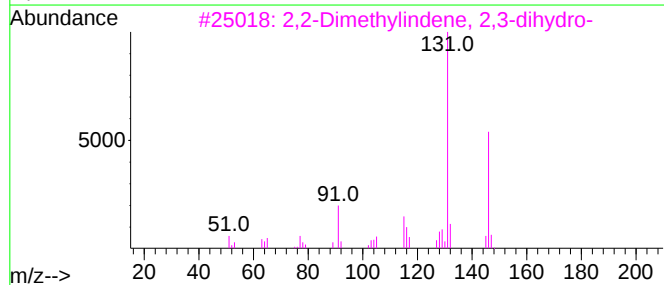
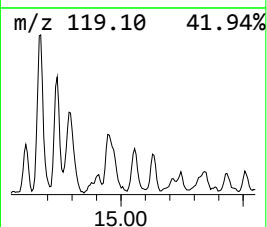
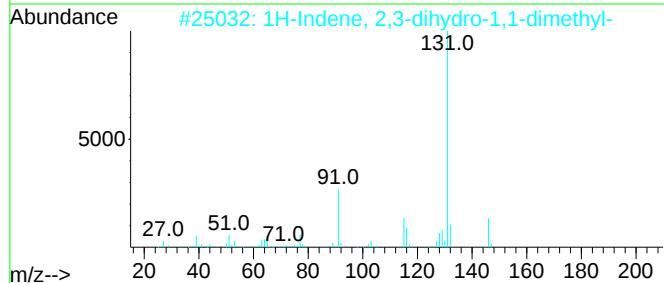
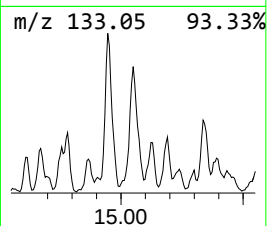
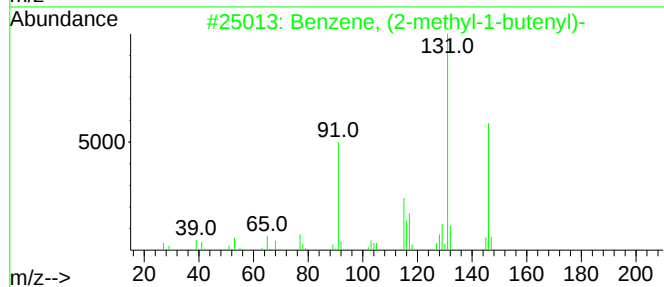
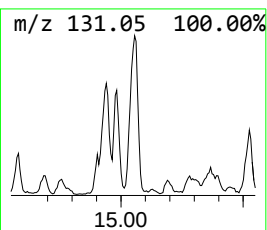
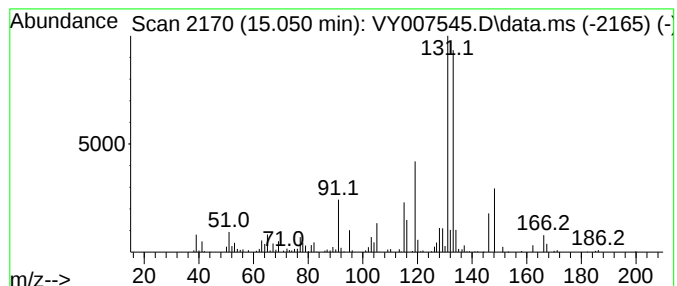
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	25.64 ug/l	185878	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	42
5			2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

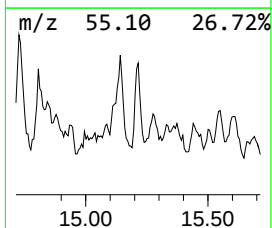
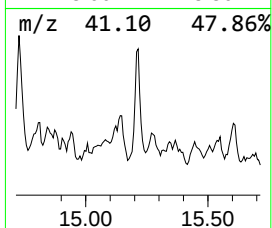
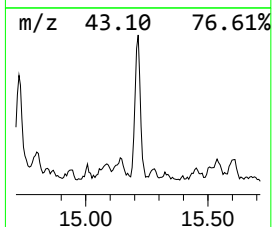
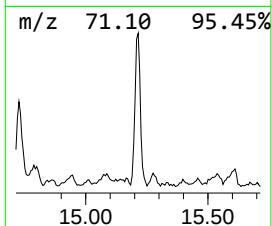
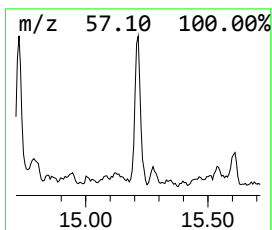
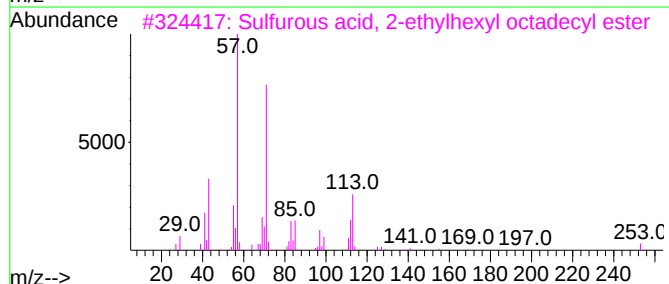
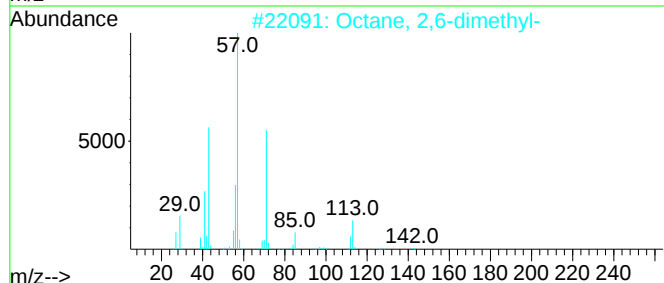
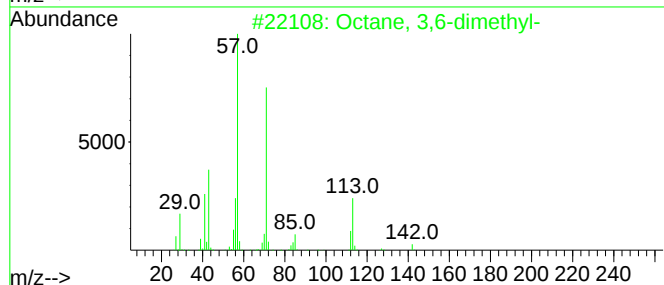
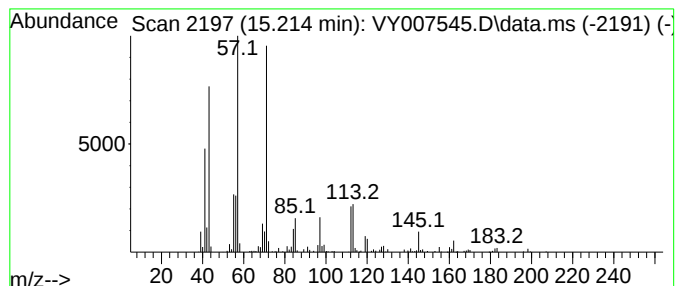
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	30.94 ug/l	224302	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
5			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007545.D
Acq On : 18 Feb 2022 15:17
Operator : SY/MD
Sample : N1580-04
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.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
Cyclohexane, 1,...	12.642	25.8	ug/l	186814	4	13.422	362536	50.0
Cyclohexane, 1,...	12.806	27.2	ug/l	197239	4	13.422	362536	50.0
Octane, 3,3-dim...	13.038	26.3	ug/l	190874	4	13.422	362536	50.0
Cyclohexane, bu...	13.318	26.0	ug/l	188561	4	13.422	362536	50.0
Naphthalene, de...	13.745	46.0	ug/l	333414	4	13.422	362536	50.0
Naphthalene, de...	14.257	58.6	ug/l	424752	4	13.422	362536	50.0
o-Cymene	14.678	36.3	ug/l	263277	4	13.422	362536	50.0
unknown14.733	14.733	31.8	ug/l	230244	4	13.422	362536	50.0
Benzene, (2-met...	15.050	25.6	ug/l	185878	4	13.422	362536	50.0
Octane, 3,6-dim...	15.214	30.9	ug/l	224302	4	13.422	362536	50.0