

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007187.D
 Acq On : 17 Jan 2022 15:14
 Operator : SY/MD
 Sample : N1145-03
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-3-7.0

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\82Y011322S.M
 Title : SW846 8260

Signal : TIC: VY007187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.082	31	43	55	rBV	17168	36253	3.79%	0.301%
2	2.216	60	65	69	rBV	51820	88150	9.22%	0.731%
3	2.253	69	71	82	rVB2	25903	48484	5.07%	0.402%
4	2.911	167	179	197	rBV	83130	213643	22.34%	1.772%
5	3.253	228	235	243	rBV2	8384	20158	2.11%	0.167%
6	3.948	336	349	372	rBV2	20538	75104	7.85%	0.623%
7	4.704	458	473	501	rBV2	95722	435600	45.55%	3.614%
8	4.966	503	516	536	rVB	26424	109269	11.43%	0.906%
9	5.222	543	558	577	rBV2	124077	479560	50.15%	3.978%
10	6.118	694	705	717	rBV2	7695	24765	2.59%	0.205%
11	6.527	762	772	783	rBV4	7085	24404	2.55%	0.202%
12	6.691	787	799	810	rVV	129757	429093	44.87%	3.560%
13	6.789	810	815	827	rVB4	13020	39511	4.13%	0.328%
14	6.984	838	847	856	rBV5	5237	17765	1.86%	0.147%
15	7.532	925	937	951	rVB5	13603	43645	4.56%	0.362%
16	7.721	957	968	973	rBV	103326	247005	25.83%	2.049%
17	7.789	973	979	986	rVV	169349	398497	41.67%	3.306%
18	7.874	986	993	1008	rVB	285483	723502	75.65%	6.002%
19	7.996	1008	1013	1020	rBV	10973	23112	2.42%	0.192%
20	8.148	1029	1038	1047	rBV2	111934	272781	28.52%	2.263%
21	8.270	1047	1058	1059	rVV4	25717	58484	6.12%	0.485%
22	8.325	1059	1067	1078	rVV	348209	917354	95.92%	7.610%
23	8.416	1078	1082	1093	rVB3	14399	34348	3.59%	0.285%
24	8.691	1119	1127	1139	rBV	265646	519288	54.30%	4.308%
25	9.154	1195	1203	1204	rBV	27081	46740	4.89%	0.388%
26	9.191	1204	1209	1213	rVV	74281	150763	15.76%	1.251%
27	9.239	1213	1217	1225	rVV	58745	119220	12.47%	0.989%
28	9.325	1225	1231	1243	rVB	20422	46140	4.82%	0.383%
29	9.465	1243	1254	1261	rBV3	37153	84259	8.81%	0.699%
30	9.617	1270	1279	1290	rVB	212946	424306	44.37%	3.520%
31	9.752	1290	1301	1308	rBV	211526	447953	46.84%	3.716%
32	9.849	1315	1317	1325	rVB3	6879	11237	1.17%	0.093%
33	9.941	1325	1332	1348	rBV4	29739	89525	9.36%	0.743%
34	10.111	1348	1360	1365	rVV2	39307	80593	8.43%	0.669%
35	10.178	1365	1371	1386	rVV	417594	775820	81.12%	6.436%
36	10.306	1386	1392	1394	rVV4	5599	11265	1.18%	0.093%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007187.D
 Acq On : 17 Jan 2022 15:14
 Operator : SY/MD
 Sample : N1145-03
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-3-7.0

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\82Y011322S.M
 Title : SW846 8260

37	10.373	1394	1403	1411	rVV7	14515	44939	4.70%	0.373%
38	10.465	1411	1418	1422	rVV7	4841	11792	1.23%	0.098%
39	10.526	1422	1428	1436	rVV	22209	45377	4.74%	0.376%
40	10.623	1436	1444	1450	rVV5	24612	61898	6.47%	0.513%
41	10.709	1454	1458	1464	rVB3	7243	14265	1.49%	0.118%
42	10.806	1469	1474	1478	rBV3	6254	11295	1.18%	0.094%
43	10.904	1478	1490	1498	rVB4	12061	35108	3.67%	0.291%
44	11.007	1498	1507	1513	rBV3	10947	23858	2.49%	0.198%
45	11.093	1513	1521	1526	rVV7	4998	13744	1.44%	0.114%
46	11.294	1543	1554	1563	rVB6	12812	42883	4.48%	0.356%
47	11.379	1563	1568	1572	rBV3	9544	16035	1.68%	0.133%
48	11.489	1579	1586	1595	rBV	402937	659186	68.93%	5.468%
49	11.593	1595	1603	1613	rVB3	22599	53468	5.59%	0.444%
50	11.702	1613	1621	1625	rBV2	19460	47284	4.94%	0.392%
51	12.007	1664	1671	1673	rBV4	12670	27760	2.90%	0.230%
52	12.123	1683	1690	1694	rVB4	6833	10599	1.11%	0.088%
53	12.202	1698	1703	1706	rBV4	9747	15122	1.58%	0.125%
54	12.489	1742	1750	1758	rVB2	540572	956346	100.00%	7.934%
55	12.653	1773	1777	1784	rVB5	8213	21172	2.21%	0.176%
56	12.733	1784	1790	1793	rBV5	8257	15352	1.61%	0.127%
57	12.812	1798	1803	1808	rVV4	19243	39231	4.10%	0.325%
58	12.861	1808	1811	1817	rVB7	7235	12467	1.30%	0.103%
59	12.977	1823	1830	1833	rBV4	8686	24461	2.56%	0.203%
60	13.044	1837	1841	1848	rVV4	16434	33344	3.49%	0.277%
61	13.123	1848	1854	1858	rVV3	10892	22379	2.34%	0.186%
62	13.172	1858	1862	1867	rVV6	5900	9720	1.02%	0.081%
63	13.251	1867	1875	1880	rVV3	27506	74150	7.75%	0.615%
64	13.324	1884	1887	1890	rVV3	12357	17928	1.87%	0.149%
65	13.367	1890	1894	1897	rVV4	9923	16316	1.71%	0.135%
66	13.428	1898	1904	1915	rVV	399751	624544	65.31%	5.181%
67	13.531	1917	1921	1926	rVV	10792	18807	1.97%	0.156%
68	13.592	1926	1931	1935	rVV	155001	248638	26.00%	2.063%
69	13.629	1935	1937	1941	rVV	63474	85576	8.95%	0.710%
70	13.678	1941	1945	1953	rVB2	54705	90834	9.50%	0.754%
71	13.757	1953	1958	1964	rBV3	32994	56726	5.93%	0.471%
72	13.830	1965	1970	1976	rVV	18210	31235	3.27%	0.259%
73	13.903	1976	1982	1988	rVV	53767	94546	9.89%	0.784%
74	13.970	1988	1993	1998	rVV3	22637	37925	3.97%	0.315%
75	14.037	1998	2004	2007	rVV	26160	41818	4.37%	0.347%
76	14.086	2007	2012	2017	rVV	92291	145622	15.23%	1.208%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007187.D
 Acq On : 17 Jan 2022 15:14
 Operator : SY/MD
 Sample : N1145-03
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-3-7.0

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\82Y011322S.M
 Title : SW846 8260

77	14.159	2017	2024	2029	rVV4	24196	46194	4.83%	0.383%
78	14.220	2029	2034	2038	rVV4	6903	11239	1.18%	0.093%
79	14.300	2038	2047	2052	rVV2	55617	103145	10.79%	0.856%
80	14.385	2056	2061	2064	rBV	28074	43237	4.52%	0.359%
81	14.415	2064	2066	2071	rVV3	12235	15440	1.61%	0.128%
82	14.482	2071	2077	2081	rVV4	6229	15194	1.59%	0.126%
83	14.525	2081	2084	2087	rVV2	9533	12796	1.34%	0.106%
84	14.568	2087	2091	2096	rVV3	19194	37585	3.93%	0.312%
85	14.617	2096	2099	2104	rVB	12378	17228	1.80%	0.143%
86	14.684	2104	2110	2117	rBV6	19887	48695	5.09%	0.404%
87	14.952	2149	2154	2157	rVV2	22438	41458	4.34%	0.344%
88	14.982	2157	2159	2164	rVV2	13057	20408	2.13%	0.169%
89	15.056	2164	2171	2177	rVB3	16877	42724	4.47%	0.354%
90	15.238	2191	2201	2207	rBV	48666	91343	9.55%	0.758%
91	15.348	2215	2219	2224	rBV4	8910	14367	1.50%	0.119%
92	15.531	2243	2249	2255	rBV3	9366	16470	1.72%	0.137%
93	15.818	2292	2296	2302	rBV2	8186	13469	1.41%	0.112%
94	16.293	2369	2374	2382	rBV2	9849	19333	2.02%	0.160%
95	16.494	2400	2407	2415	rVB3	10909	22638	2.37%	0.188%

Sum of corrected areas: 12054309

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

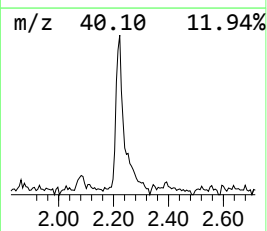
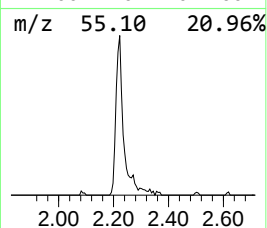
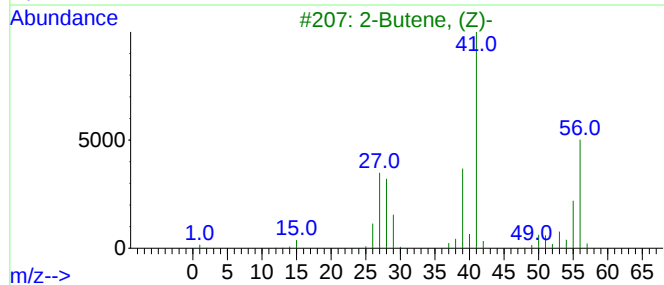
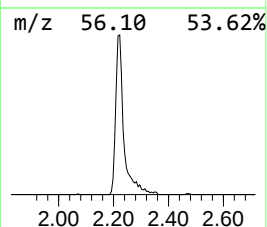
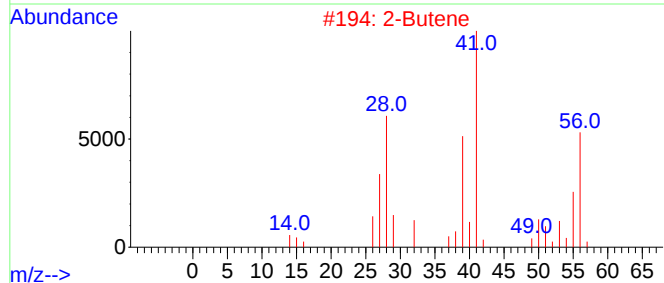
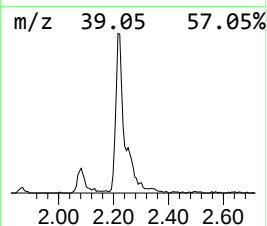
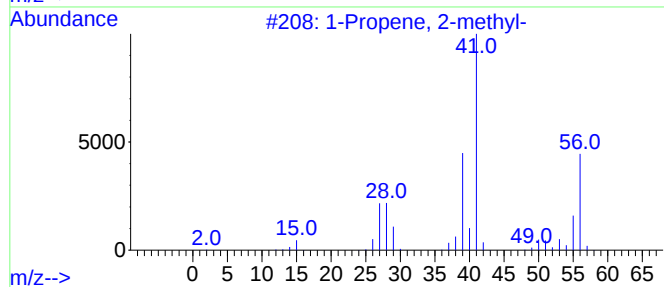
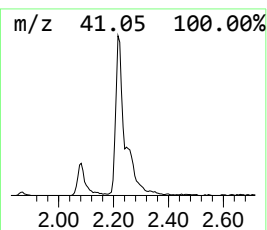
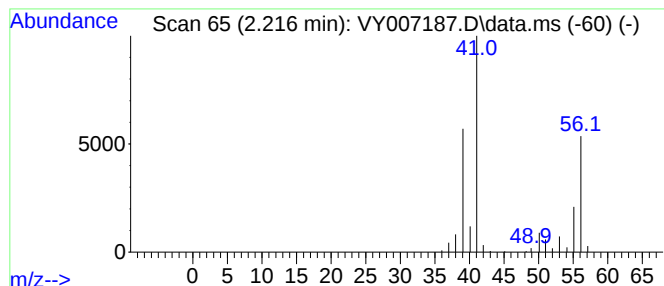
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	11.06 ug/l	88150	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2			2-Butene	56	C4H8	000107-01-7	80
3			2-Butene, (Z)-	56	C4H8	000590-18-1	49
4			1-Butene	56	C4H8	000106-98-9	49
5			Cyclobutane	56	C4H8	000287-23-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

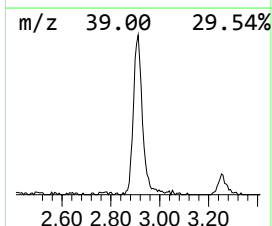
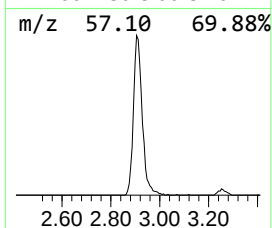
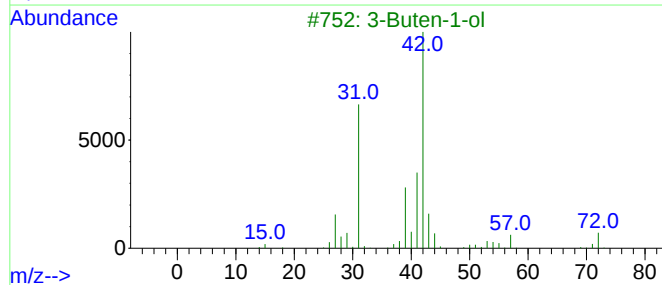
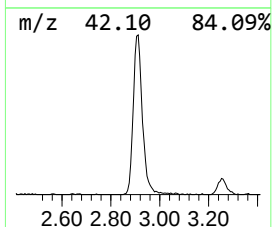
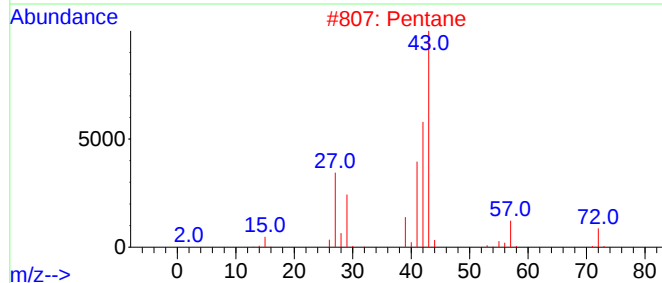
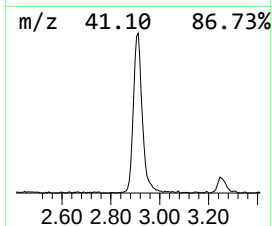
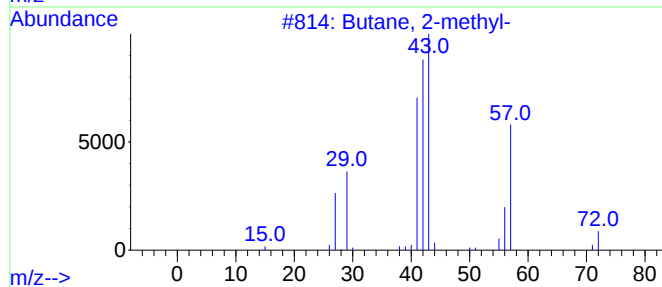
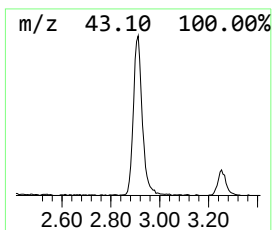
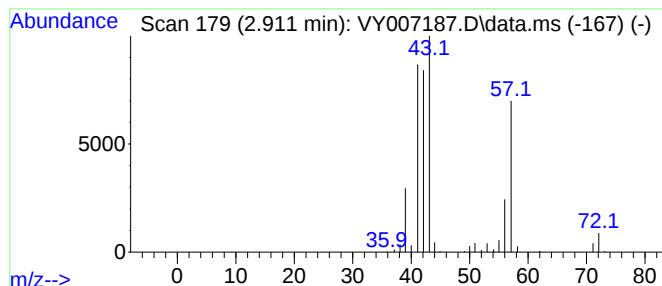
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.911	26.81 ug/l	213643	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			Pentane	72	C5H12	000109-66-0	45
3			3-Buten-1-ol	72	C4H8O	000627-27-0	38
4			Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

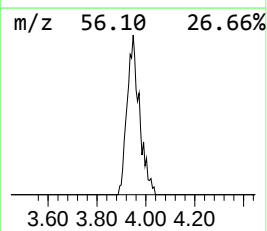
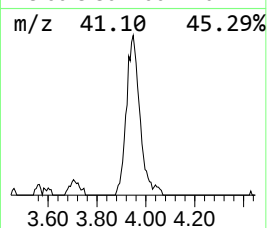
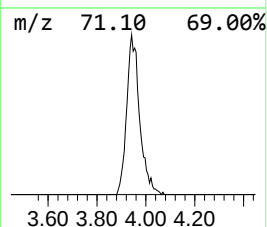
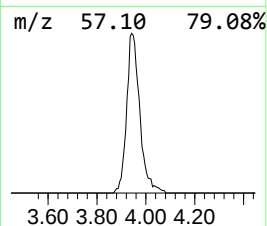
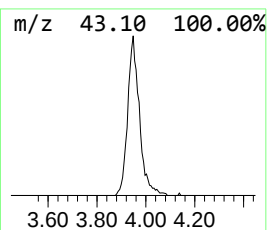
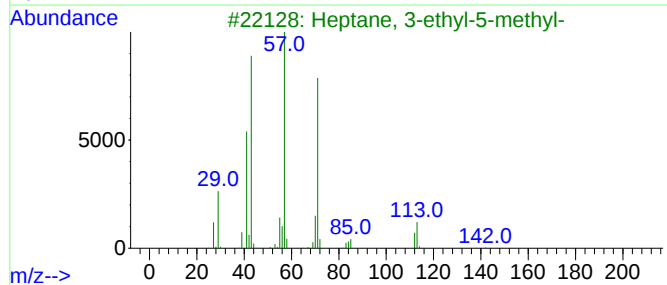
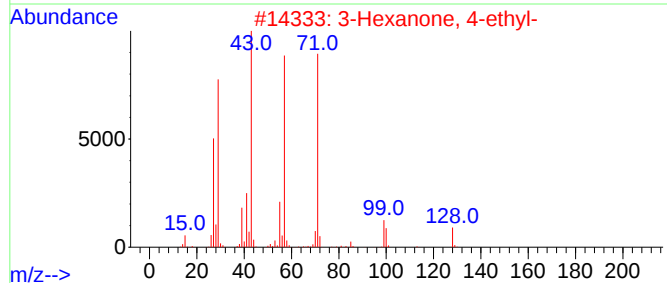
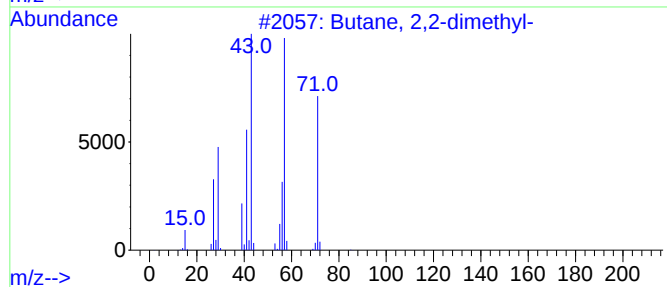
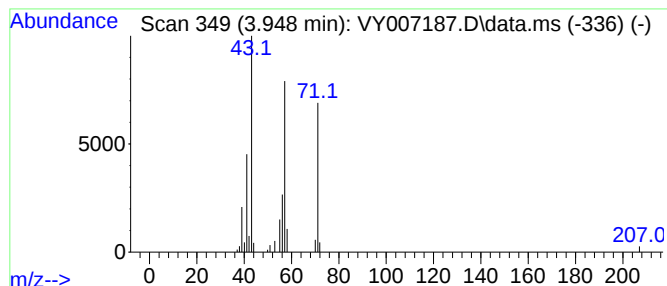
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 3 Butane, 2,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.948	9.42 ug/l	75104	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	83
2			3-Hexanone, 4-ethyl-	128	C8H16O	006137-12-8	45
3			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	42
4			Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	42
5			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

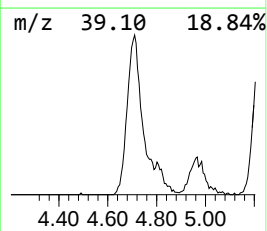
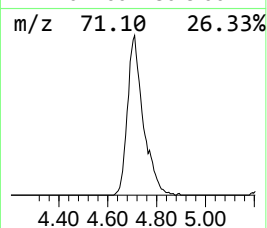
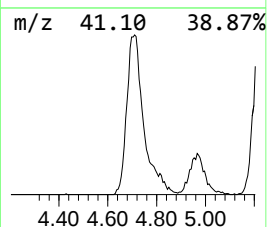
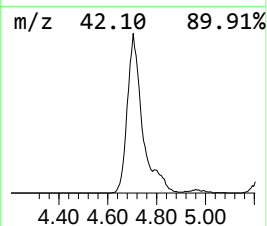
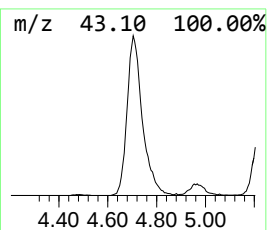
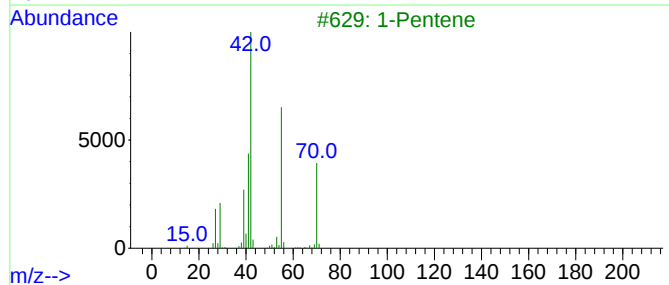
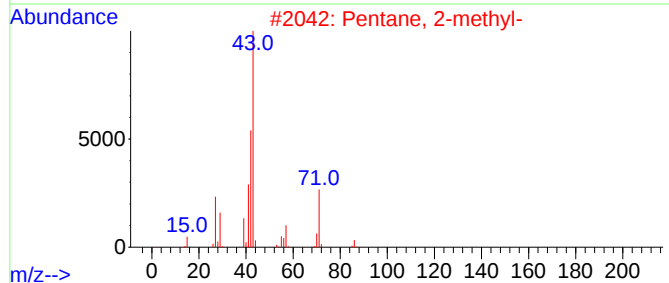
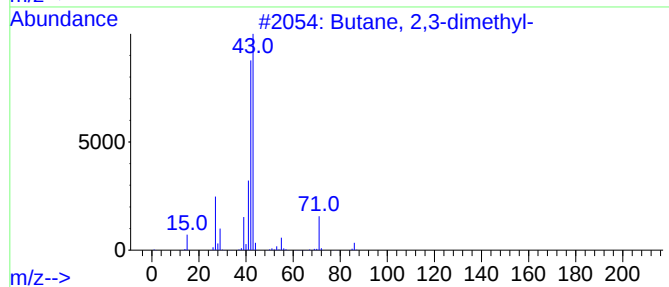
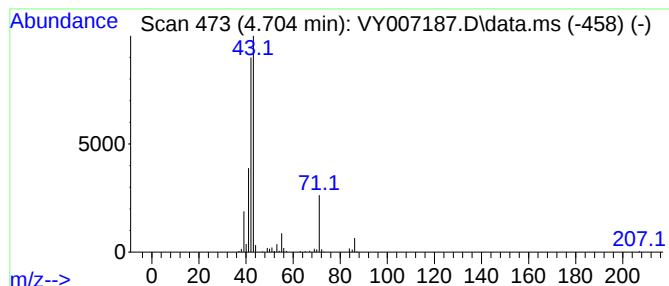
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.704	54.66 ug/l	435600	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3			1-Pentene	70	C5H10	000109-67-1	28
4			Tetrahydrofuran	72	C4H8O	000109-99-9	28
5			Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

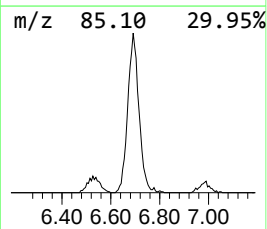
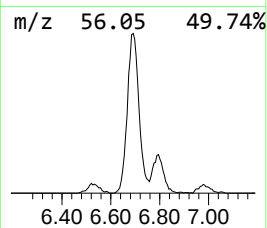
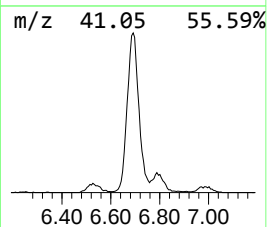
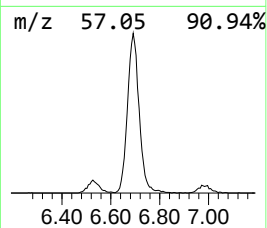
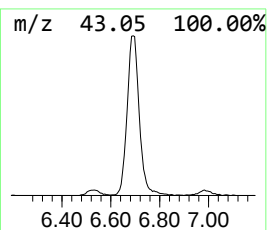
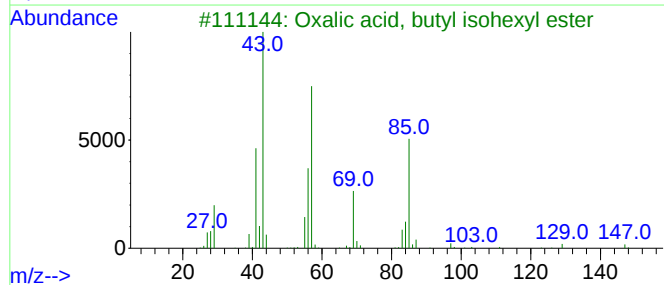
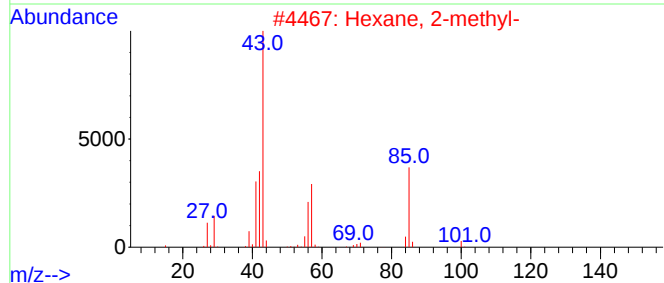
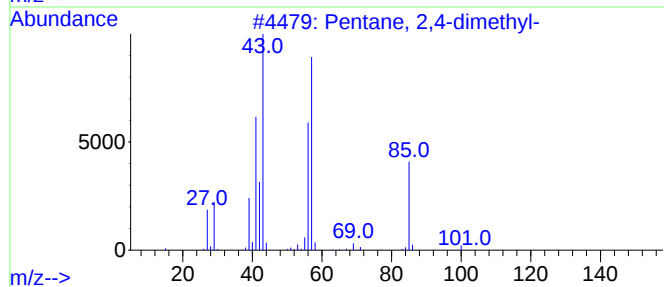
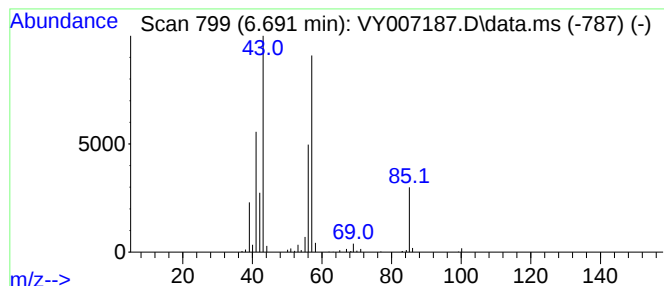
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.691	53.84 ug/l	429093	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	64
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

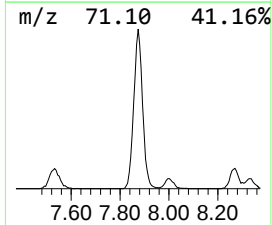
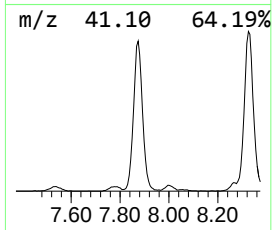
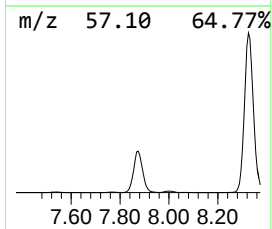
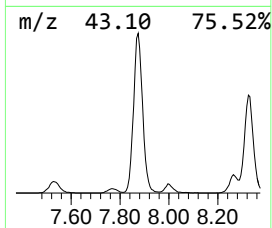
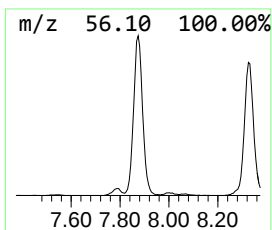
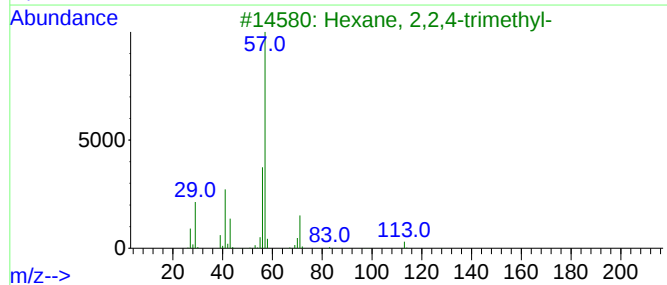
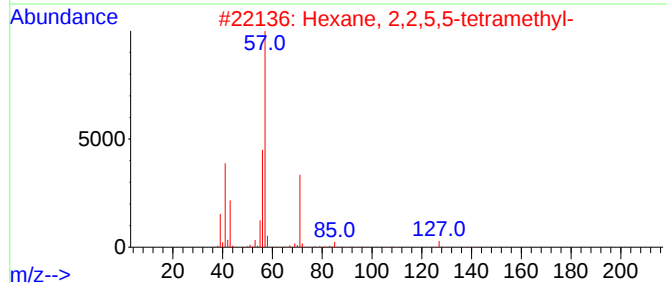
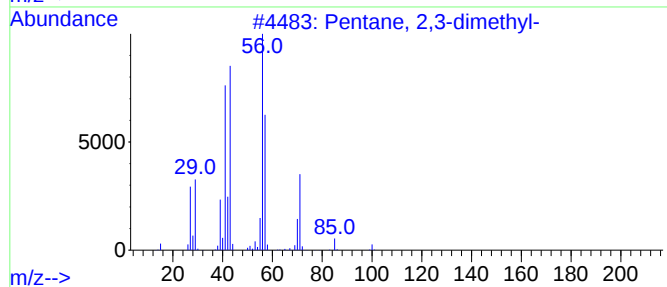
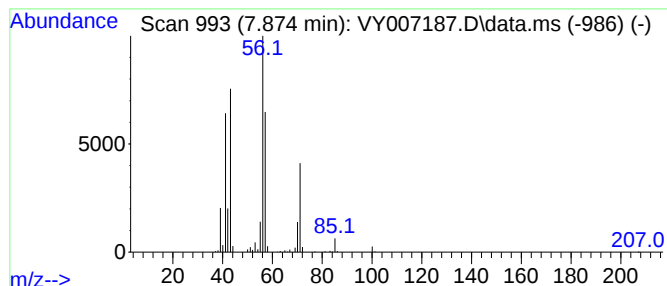
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 6 Pentane, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	90.78 ug/l	723502	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	38
5			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

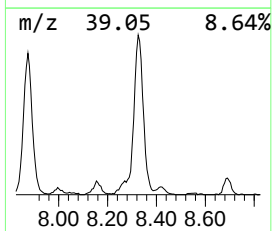
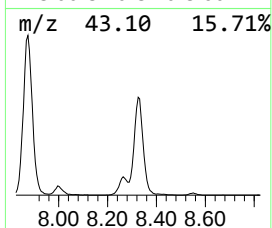
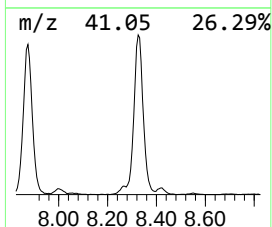
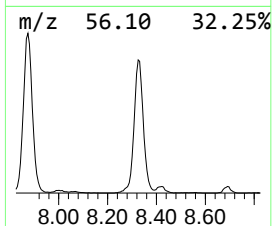
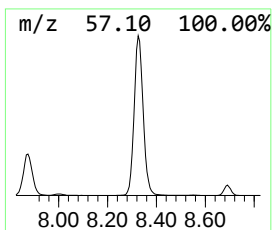
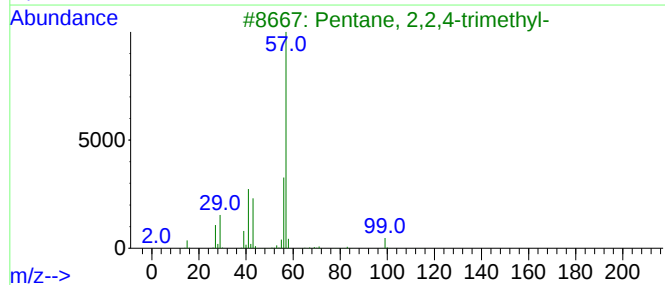
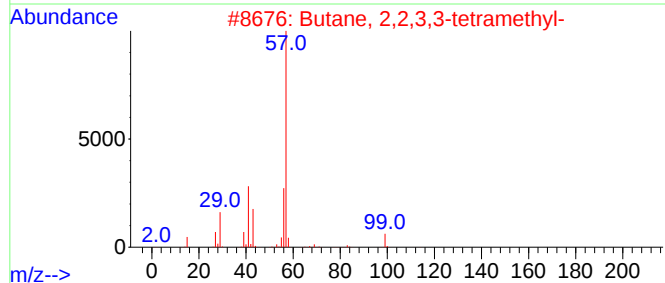
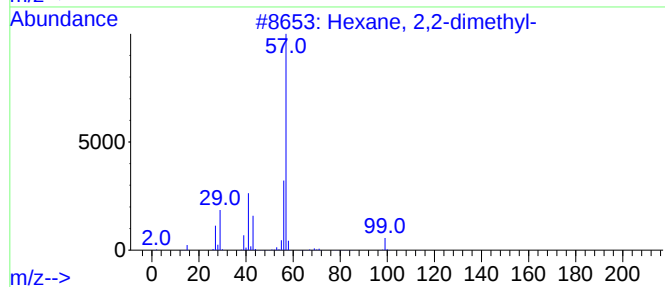
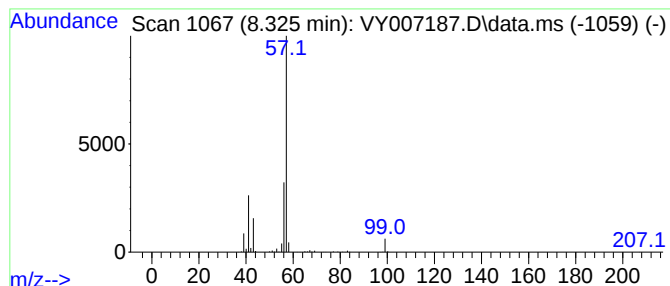
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 7 Hexane, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	88.33 ug/l	917354	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

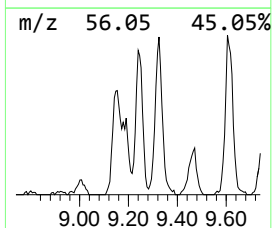
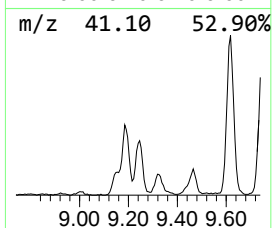
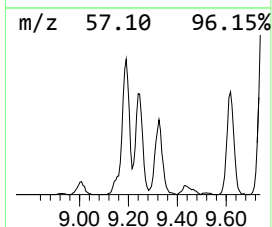
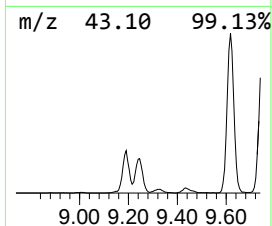
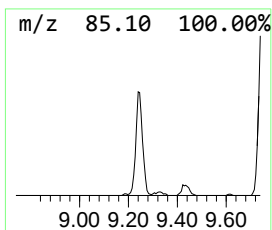
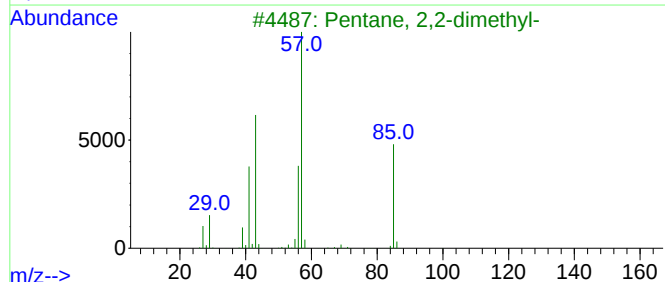
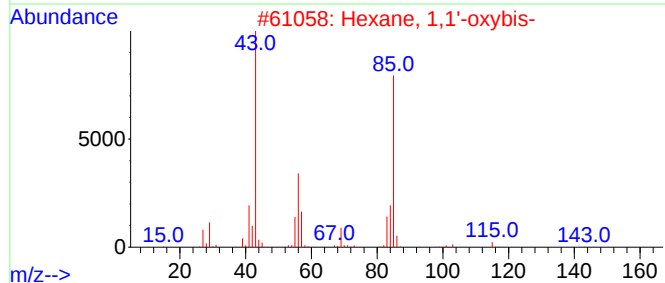
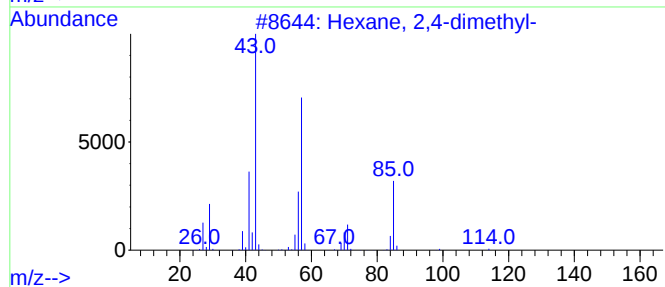
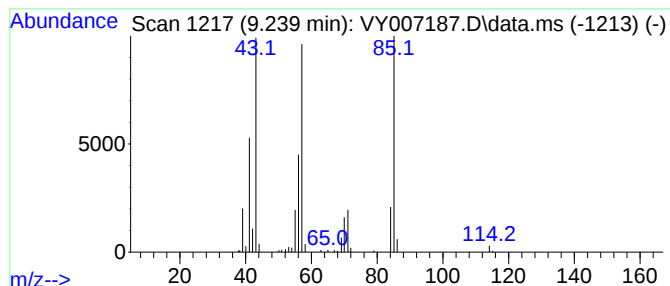
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 8 Hexane, 2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	11.48 ug/l	119220	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
4			Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53
5			Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

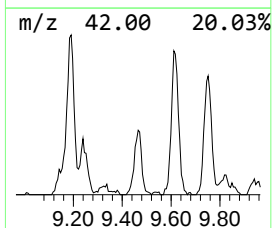
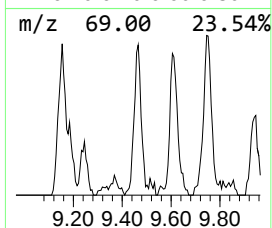
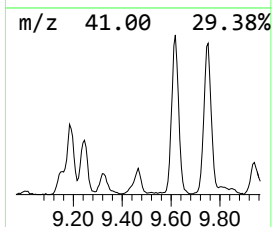
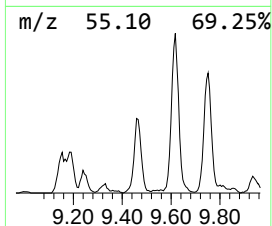
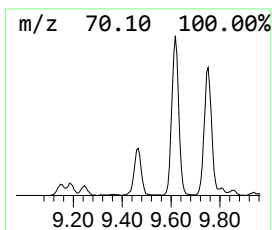
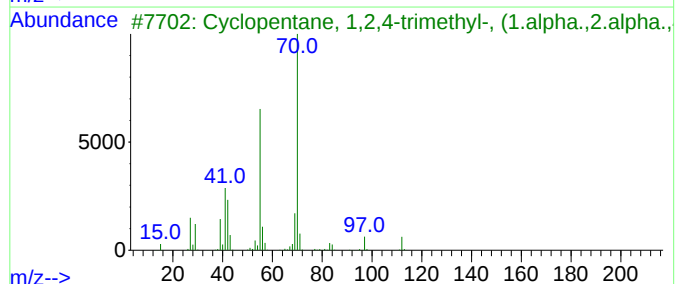
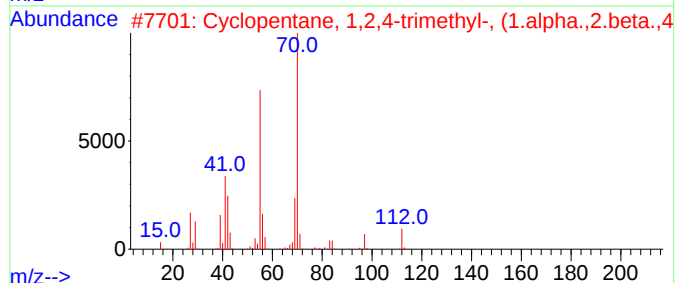
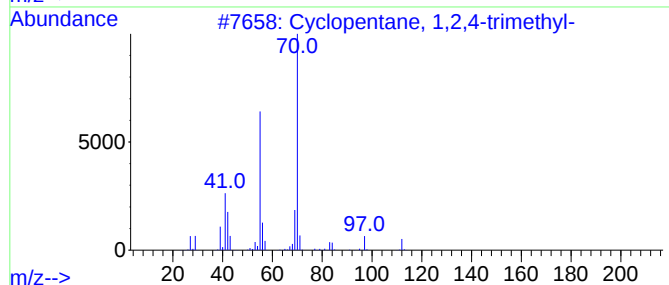
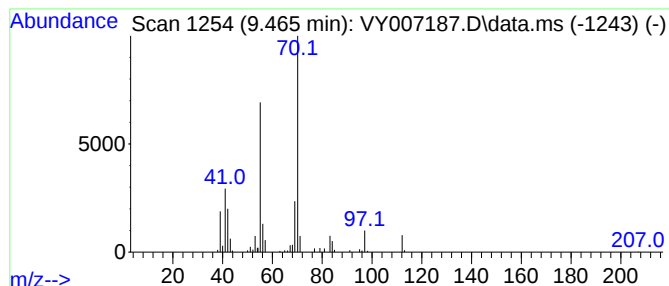
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 9 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.465	8.11 ug/l	84259	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4			Heptane, 3-methylene-	112	C8H16	001632-16-2	80
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

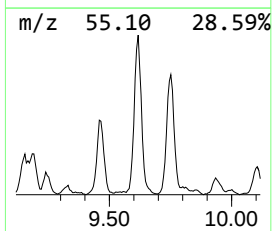
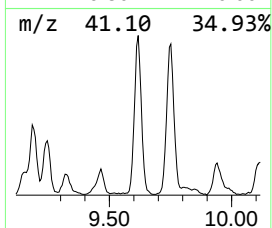
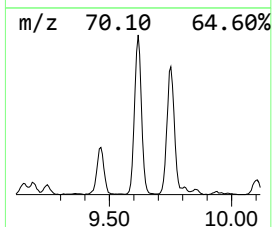
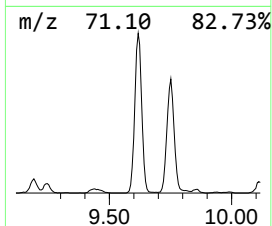
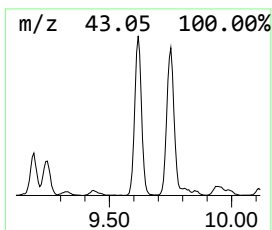
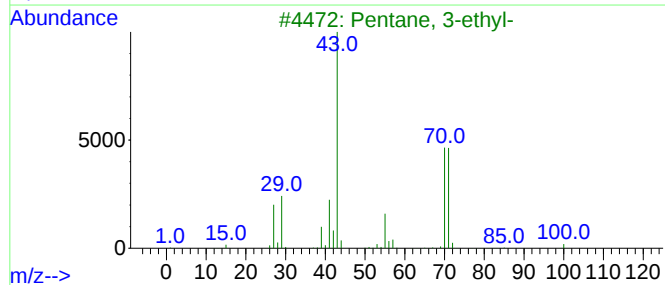
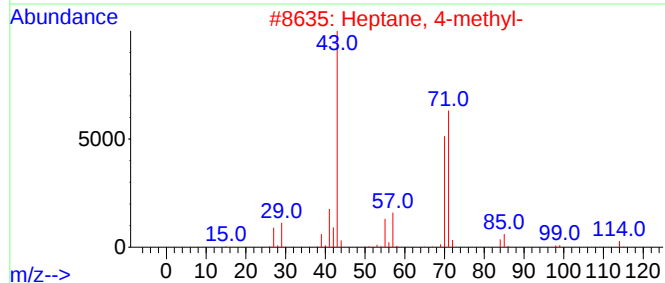
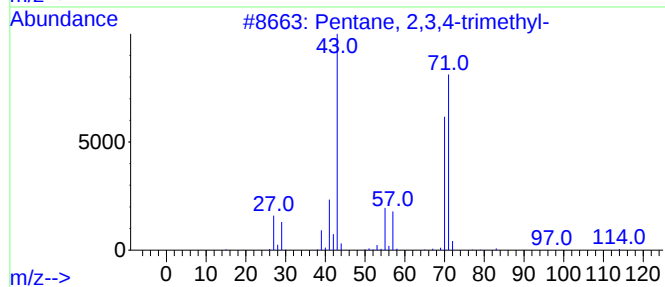
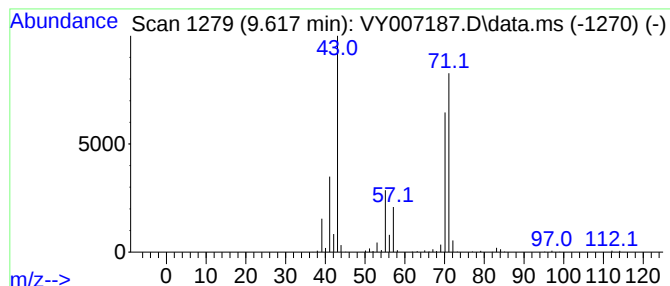
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 10 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.617	40.85 ug/l	424306	1,4-Difluorobenzene	8.691

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

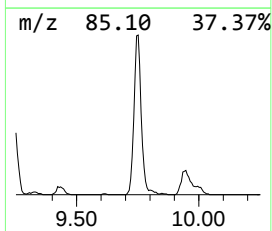
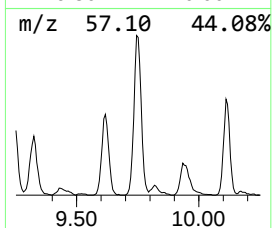
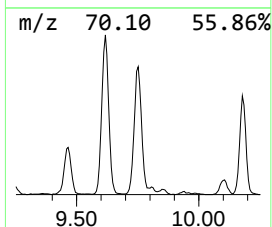
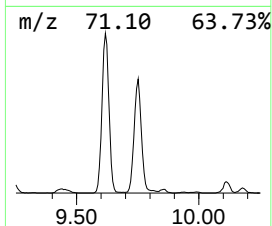
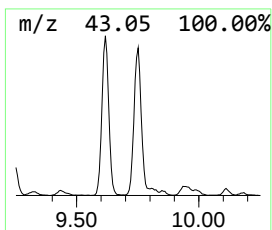
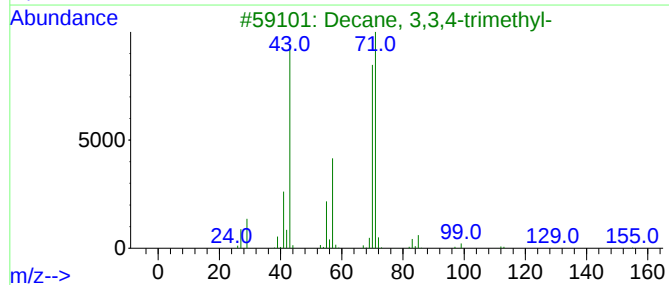
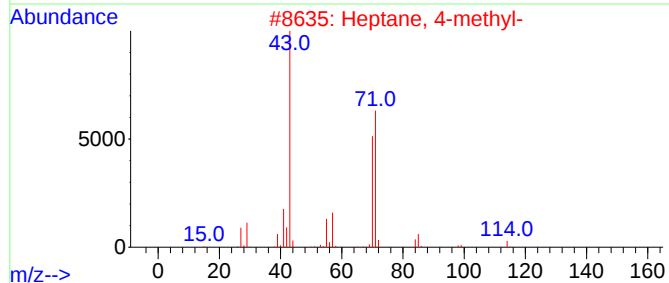
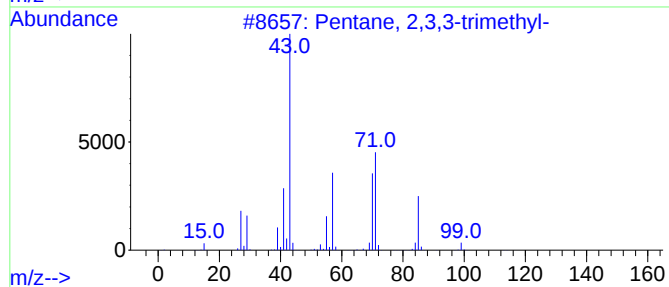
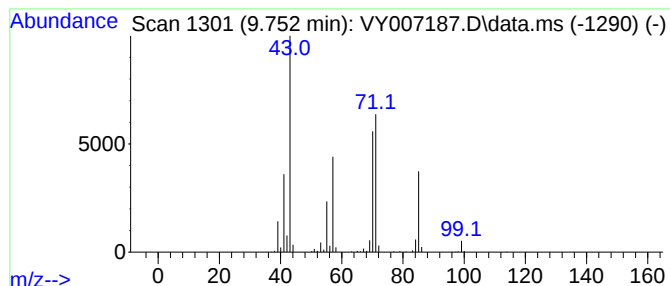
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 11 Pentane, 2,3,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	43.13 ug/l	447953	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	80
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

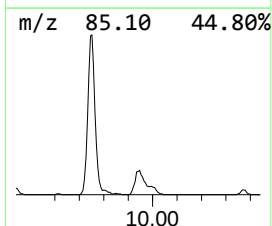
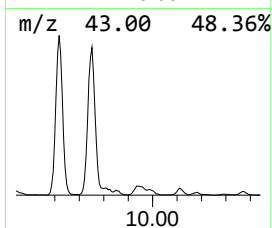
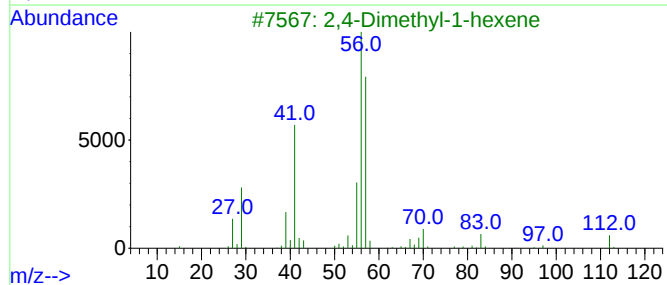
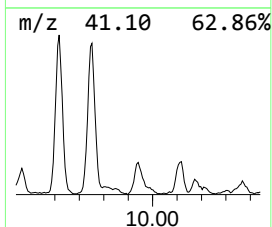
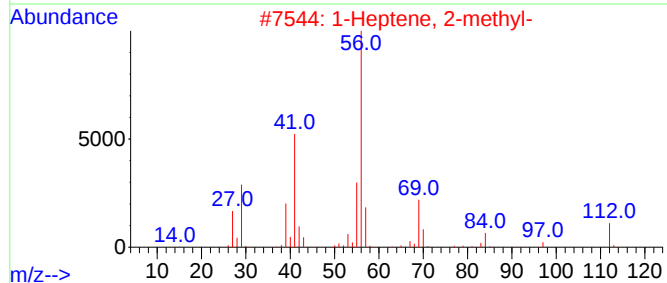
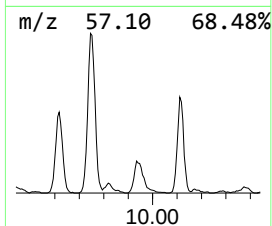
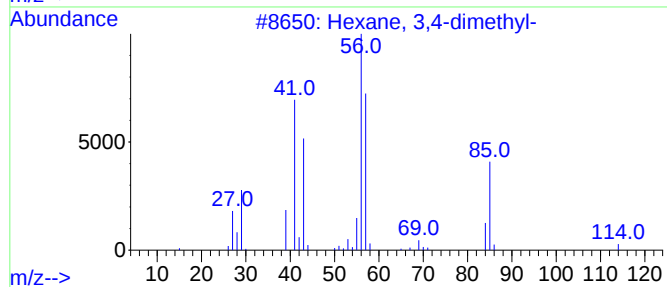
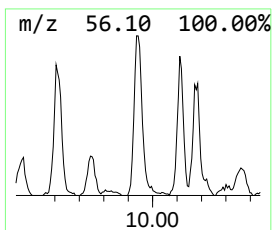
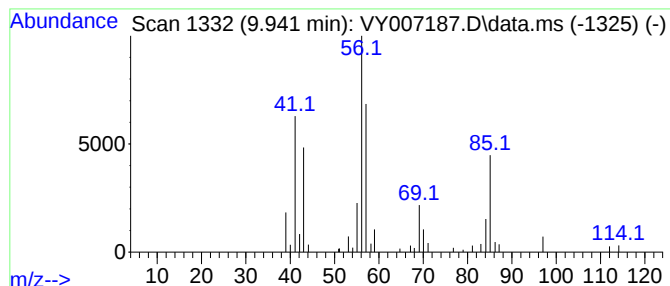
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 12 Hexane, 3,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.941	8.62 ug/l	89525	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	87
2			1-Heptene, 2-methyl-	112	C8H16	015870-10-7	47
3			2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	43
4			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
5			Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

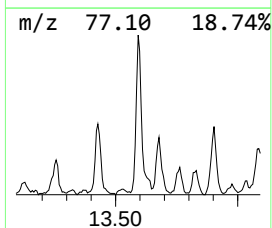
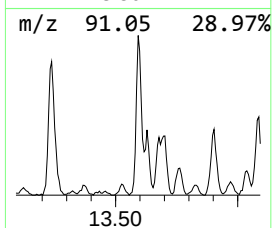
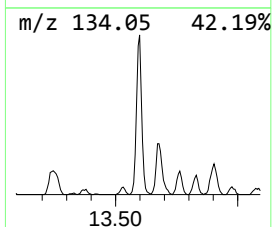
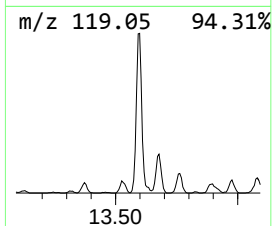
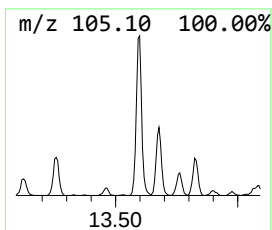
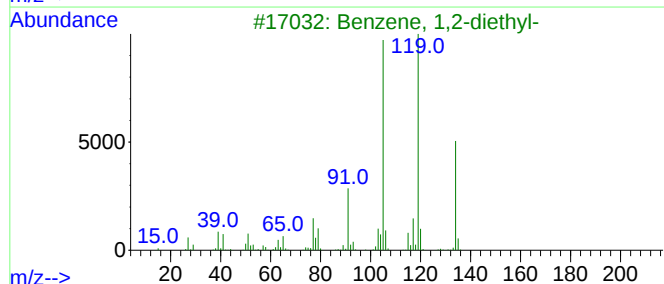
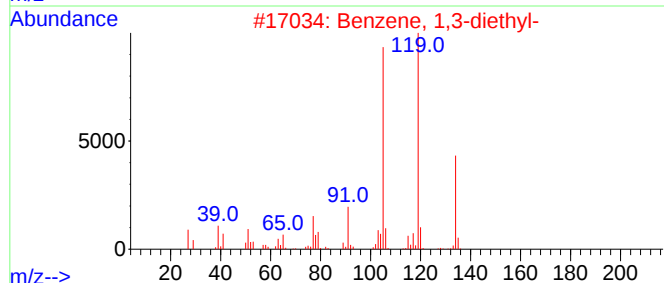
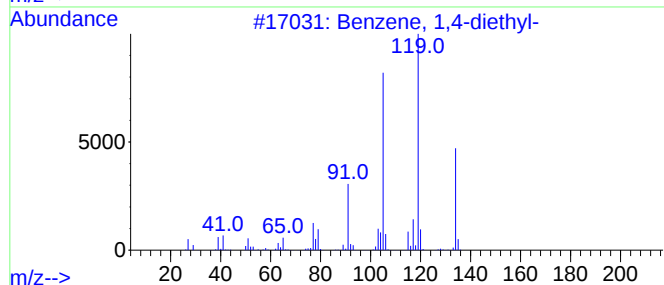
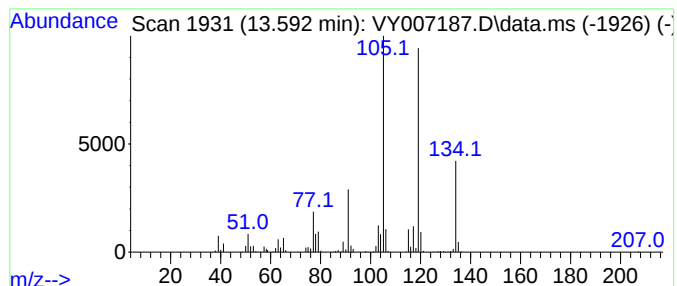
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	19.91 ug/l	248638	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

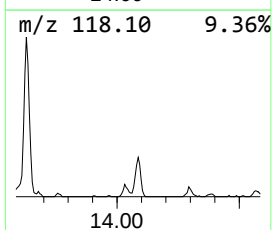
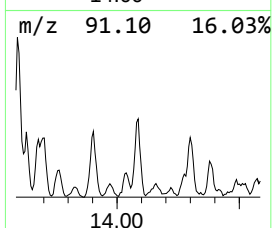
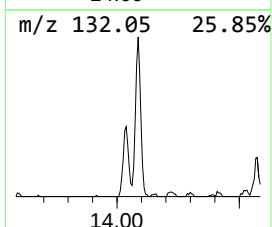
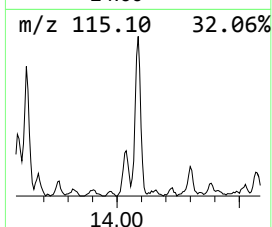
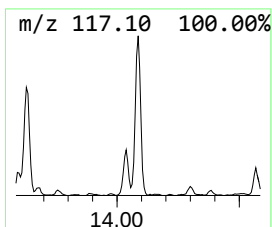
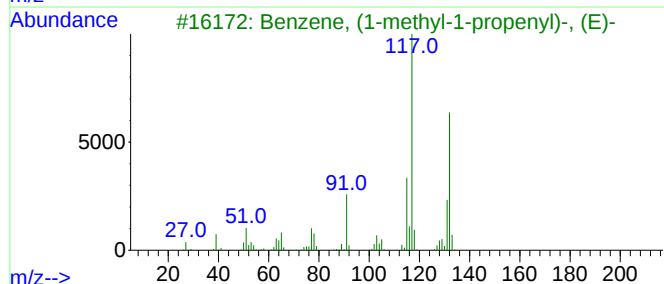
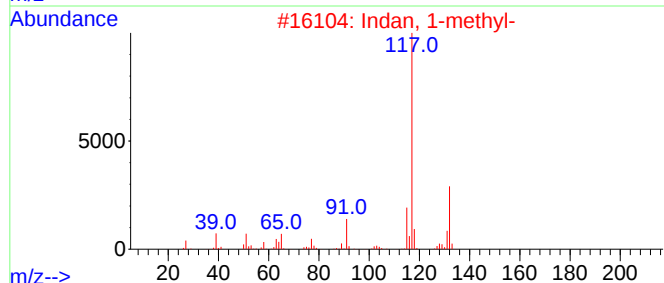
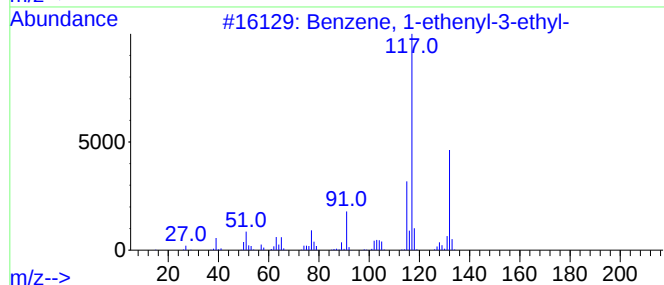
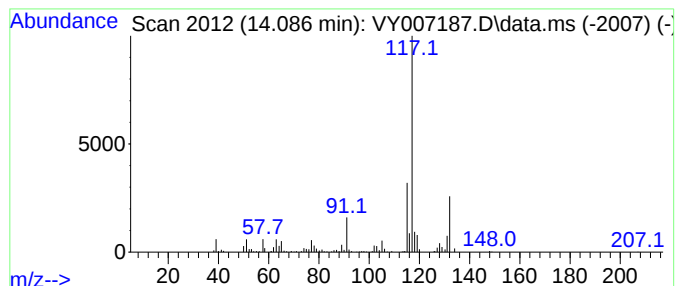
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	11.66 ug/l	145622	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2			Indan, 1-methyl-	132	C10H12	000767-58-8	87
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

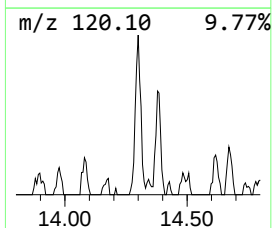
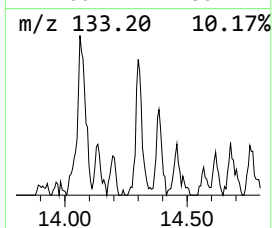
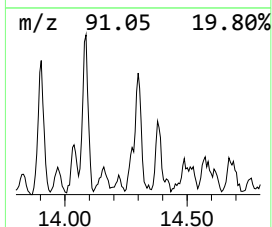
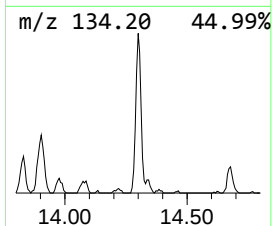
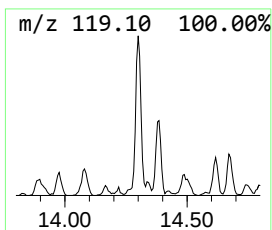
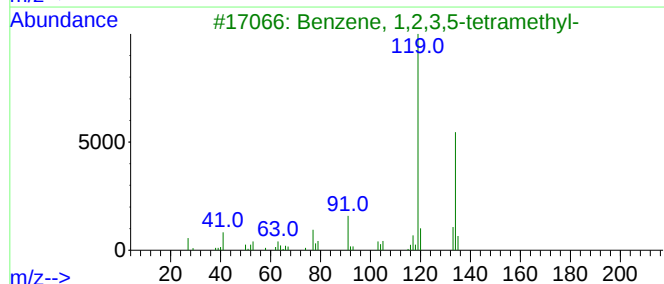
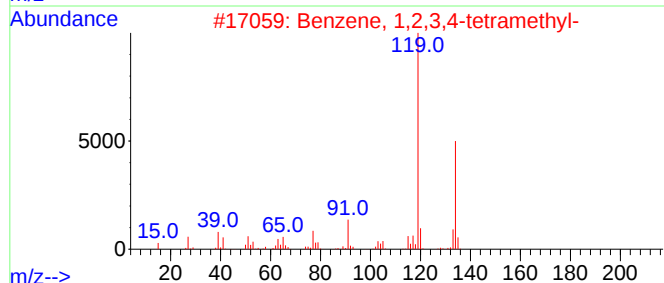
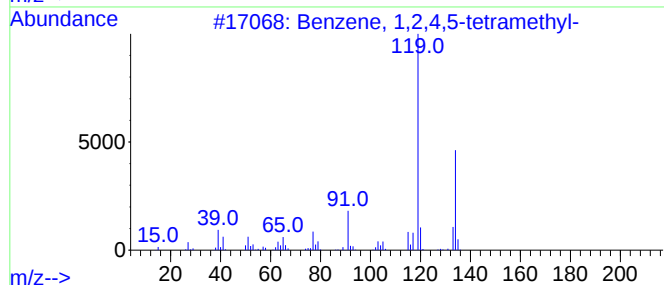
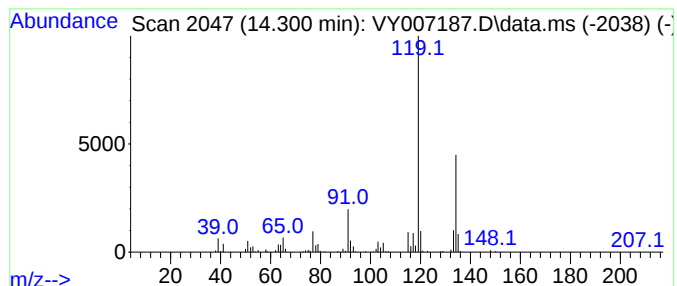
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	8.26 ug/l	103145	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.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
1-Propene, 2-me...	2.216	11.1	ug/l	88150	1	7.789	398497	50.0
Butane, 2-methyl-	2.911	26.8	ug/l	213643	1	7.789	398497	50.0
Butane, 2,2-dim...	3.948	9.4	ug/l	75104	1	7.789	398497	50.0
Butane, 2,3-dim...	4.704	54.7	ug/l	435600	1	7.789	398497	50.0
Pentane, 2,4-di...	6.691	53.8	ug/l	429093	1	7.789	398497	50.0
Pentane, 2,3-di...	7.874	90.8	ug/l	723502	1	7.789	398497	50.0
Hexane, 2,2-dim...	8.325	88.3	ug/l	917354	2	8.691	519288	50.0
Hexane, 2,4-dim...	9.239	11.5	ug/l	119220	2	8.691	519288	50.0
Cyclopentane, 1...	9.465	8.1	ug/l	84259	2	8.691	519288	50.0
Pentane, 2,3,4-...	9.617	40.9	ug/l	424306	2	8.691	519288	50.0
Pentane, 2,3,3-...	9.752	43.1	ug/l	447953	2	8.691	519288	50.0
Hexane, 3,4-dim...	9.941	8.6	ug/l	89525	2	8.691	519288	50.0
Benzene, 1,4-di...	13.592	19.9	ug/l	248638	4	13.428	624544	50.0
Benzene, 1-ethe...	14.086	11.7	ug/l	145622	4	13.428	624544	50.0
Benzene, 1,2,4,...	14.300	8.3	ug/l	103145	4	13.428	624544	50.0