

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013450.D
 Acq On : 25 Apr 2023 16:39
 Operator : KP/MD
 Sample : 02467-01RE
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 279RE

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\82Y042423S.M

Title : SW846 8260

Signal : TIC: VY013450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	57	65	76	rBV	75689	126396	15.50%	2.531%
2	4.710	464	474	490	rVB2	15628	48627	5.96%	0.974%
3	5.747	635	644	655	rVB4	3632	11890	1.46%	0.238%
4	7.716	955	967	972	rBV	116865	282462	34.63%	5.656%
5	7.783	972	978	995	rVB	215373	499719	61.26%	10.006%
6	8.136	1027	1036	1049	rBV	108101	232419	28.49%	4.654%
7	8.685	1116	1126	1139	rBV	313265	623434	76.43%	12.483%
8	10.179	1362	1371	1380	rBV	477754	815691	100.00%	16.333%
9	11.276	1543	1551	1559	rVB4	4706	10160	1.25%	0.203%
10	11.489	1577	1586	1595	rBV	398059	638449	78.27%	12.784%
11	11.709	1616	1622	1629	rBV2	24875	41644	5.11%	0.834%
12	12.002	1662	1670	1679	rBV10	4656	12456	1.53%	0.249%
13	12.117	1682	1689	1694	rVV4	7544	12954	1.59%	0.259%
14	12.233	1704	1708	1715	rVV5	11717	24447	3.00%	0.490%
15	12.337	1718	1725	1731	rVV	157756	270785	33.20%	5.422%
16	12.410	1734	1737	1740	rVV4	10784	18279	2.24%	0.366%
17	12.477	1743	1748	1759	rVV	283426	468106	57.39%	9.373%
18	12.581	1759	1765	1770	rVV6	10178	17521	2.15%	0.351%
19	12.642	1770	1775	1783	rVB7	6369	12919	1.58%	0.259%
20	12.733	1783	1790	1794	rBV6	5824	13119	1.61%	0.263%
21	12.800	1794	1801	1808	rVV	62352	100034	12.26%	2.003%
22	12.892	1808	1816	1822	rVB3	22973	43740	5.36%	0.876%
23	13.038	1836	1840	1847	rVB2	12882	19024	2.33%	0.381%
24	13.117	1847	1853	1858	rBV3	7209	13418	1.64%	0.269%
25	13.331	1879	1888	1896	rBV3	13539	48265	5.92%	0.966%
26	13.422	1896	1903	1913	rVV	304987	479735	58.81%	9.606%
27	13.501	1913	1916	1923	rVB6	6292	9834	1.21%	0.197%
28	13.751	1951	1957	1961	rBV	38728	55509	6.81%	1.111%
29	13.965	1988	1992	1997	rVB2	8727	15287	1.87%	0.306%
30	14.611	2093	2098	2103	rVB2	13853	19439	2.38%	0.389%
31	14.672	2103	2108	2111	rBV4	5146	8516	1.04%	0.171%

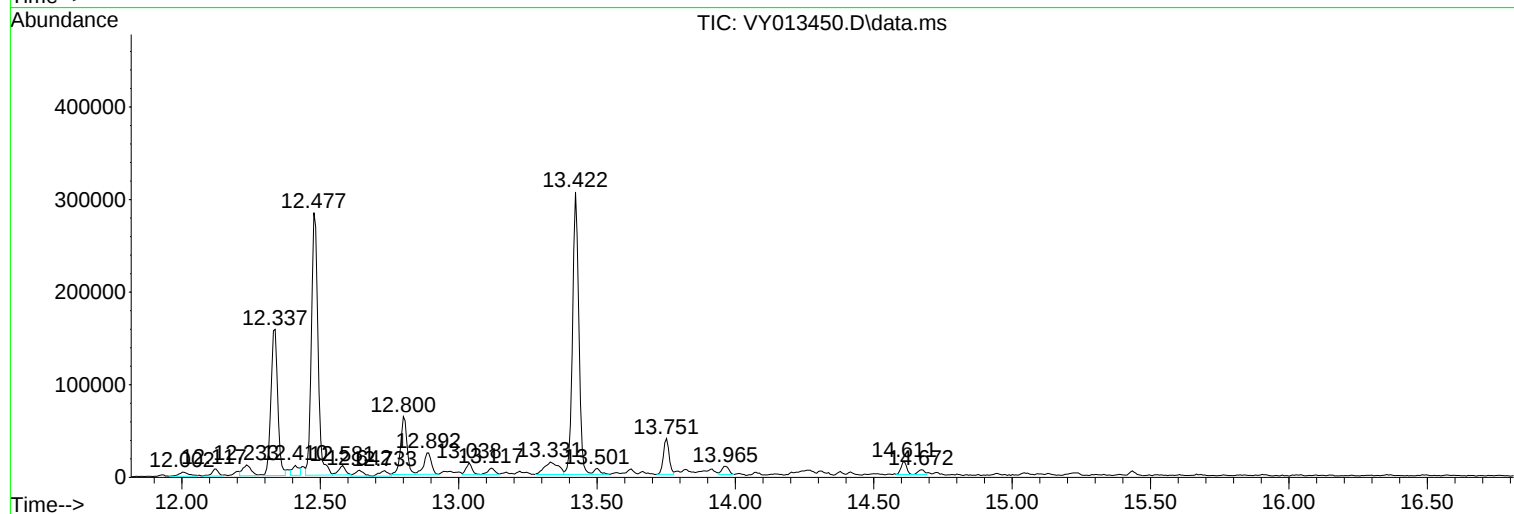
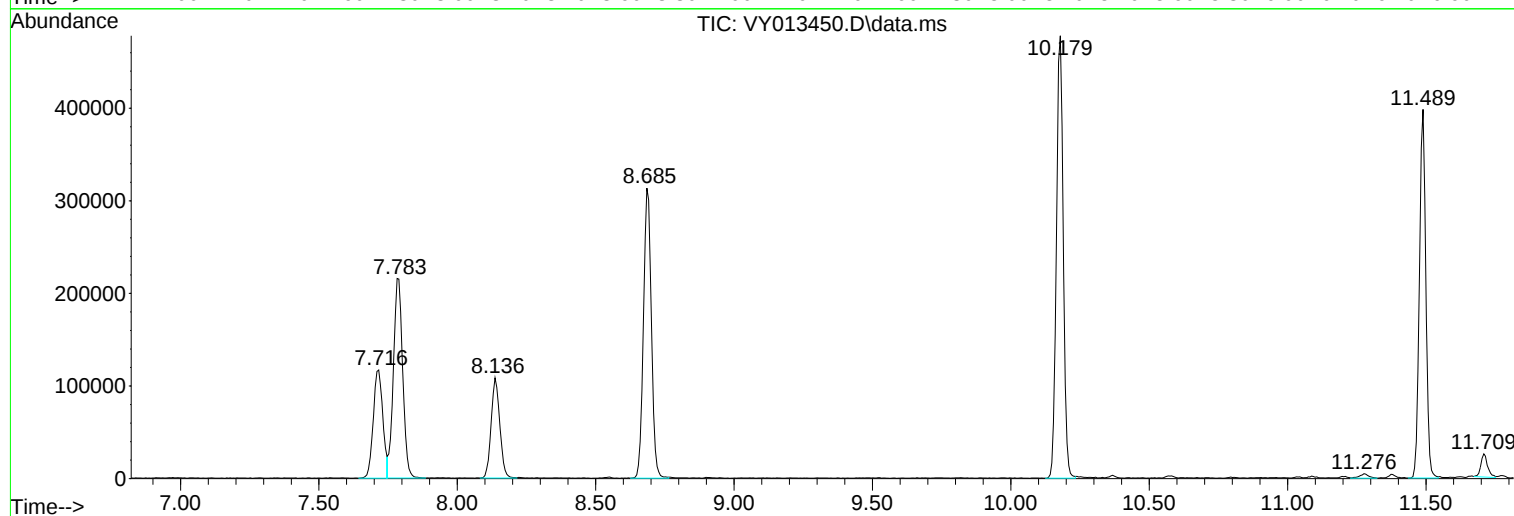
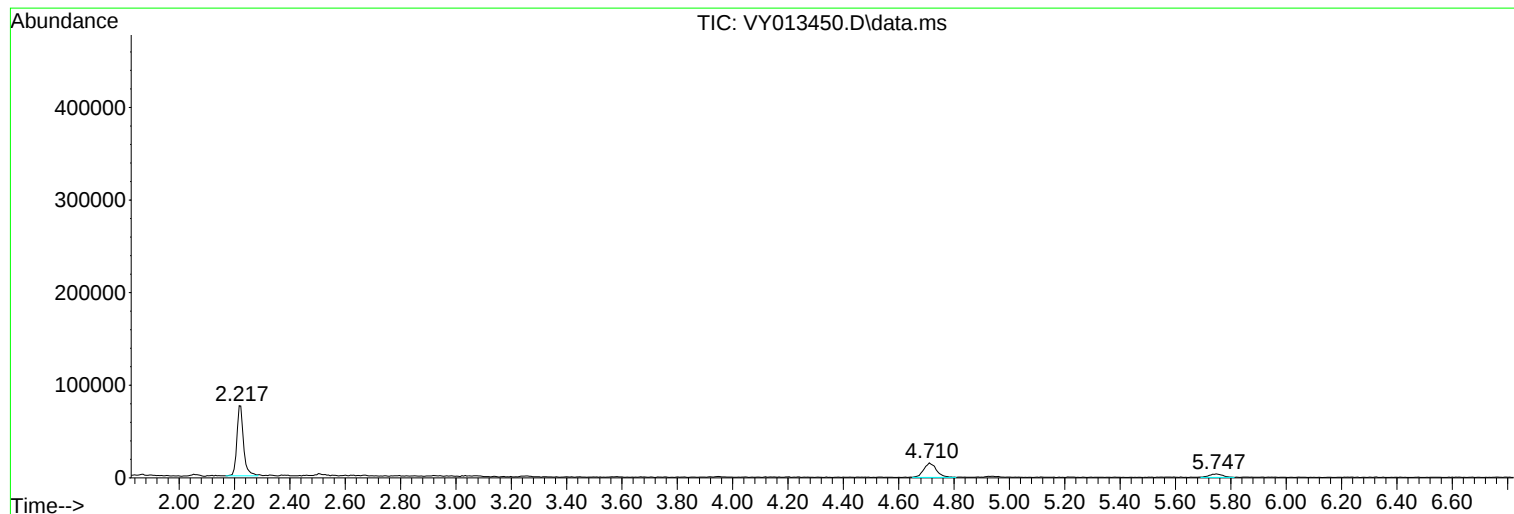
Sum of corrected areas: 4994278

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013450.D
Acq On : 25 Apr 2023 16:39
Operator : KP/MD
Sample : 02467-01RE
Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
279RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013450.D
Acq On : 25 Apr 2023 16:39
Operator : KP/MD
Sample : 02467-01RE
Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
279RE

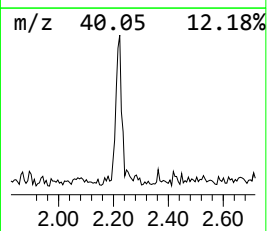
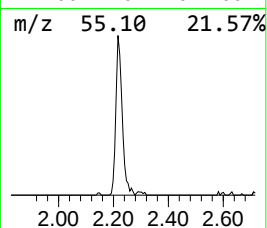
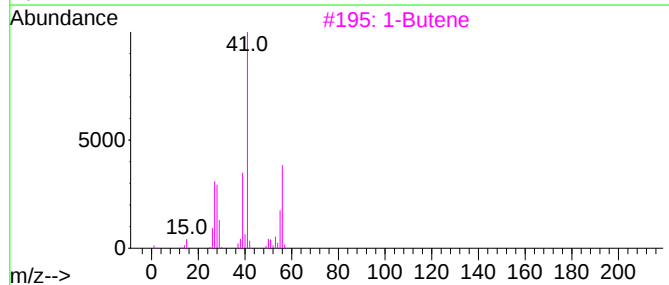
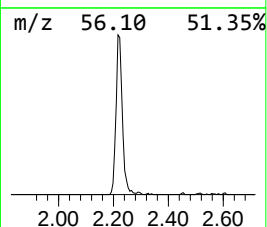
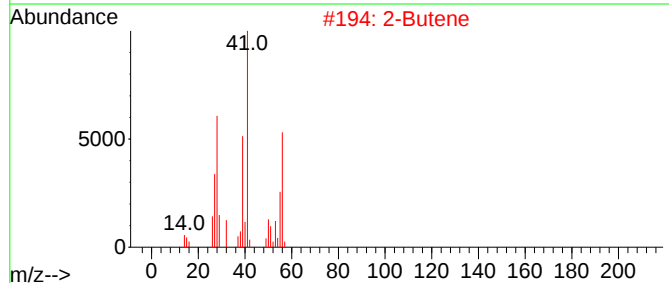
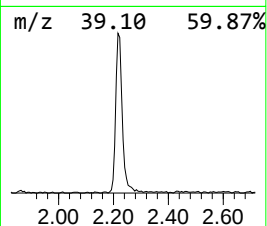
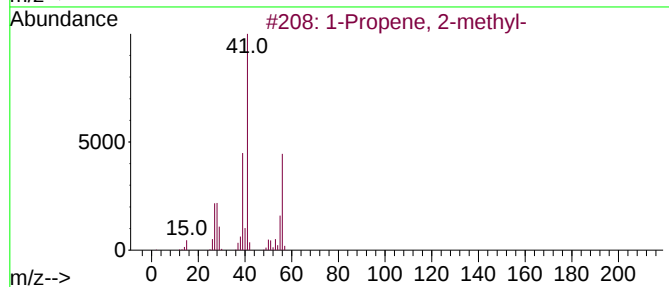
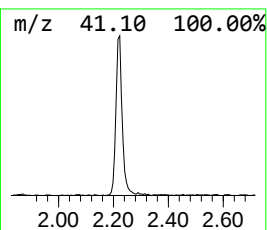
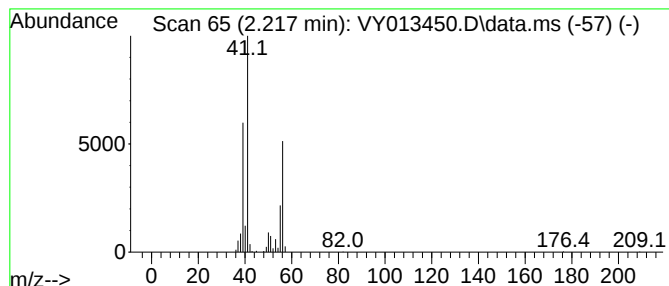
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.217	12.65 ug/l	126396	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-			56	C4H8	000115-11-7	83
2	2-Butene			56	C4H8	000107-01-7	72
3	1-Butene			56	C4H8	000106-98-9	49
4	Cyclobutane			56	C4H8	000287-23-0	47
5	2-Butene, (Z)-			56	C4H8	000590-18-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013450.D
Acq On : 25 Apr 2023 16:39
Operator : KP/MD
Sample : 02467-01RE
Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
279RE

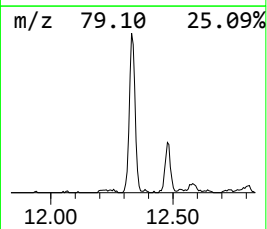
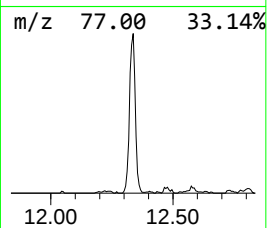
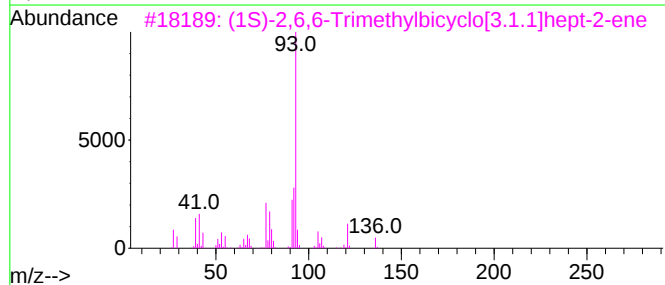
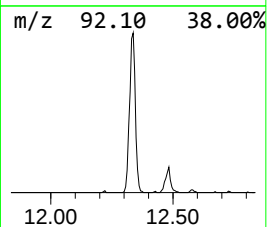
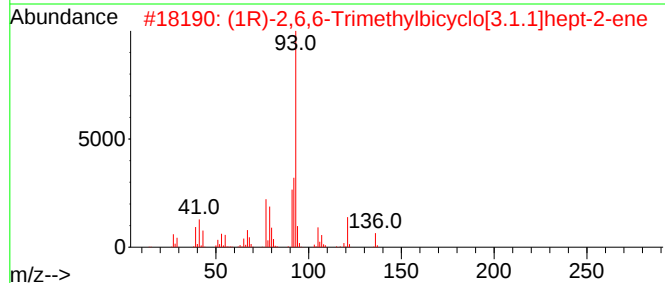
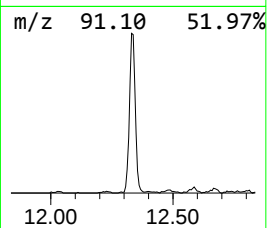
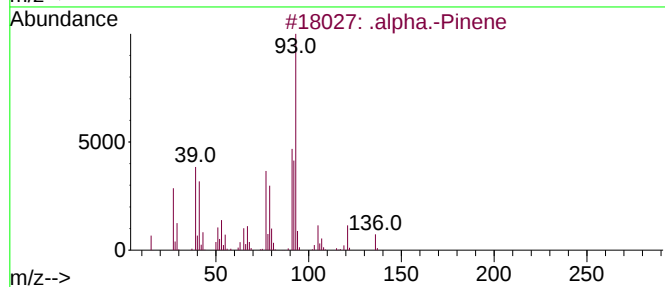
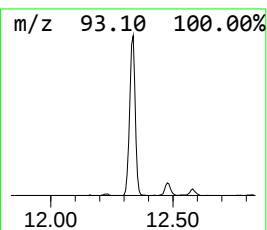
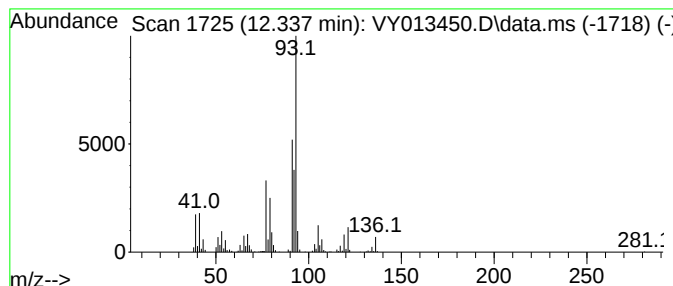
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	21.21 ug/l	270785	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	95
2			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013450.D
Acq On : 25 Apr 2023 16:39
Operator : KP/MD
Sample : 02467-01RE
Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
279RE

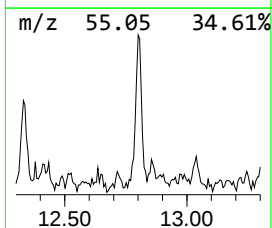
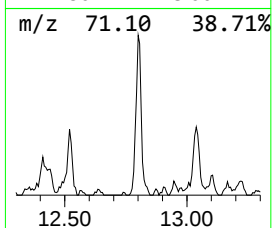
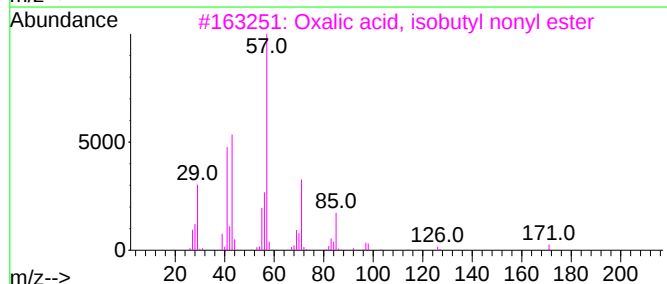
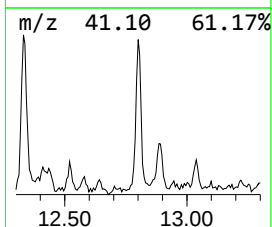
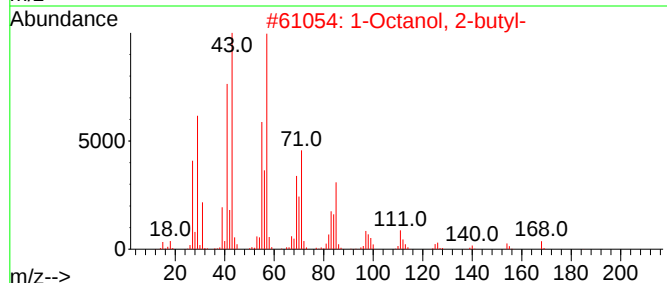
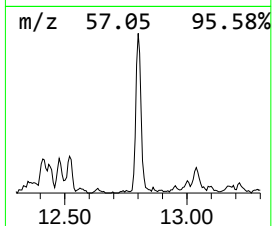
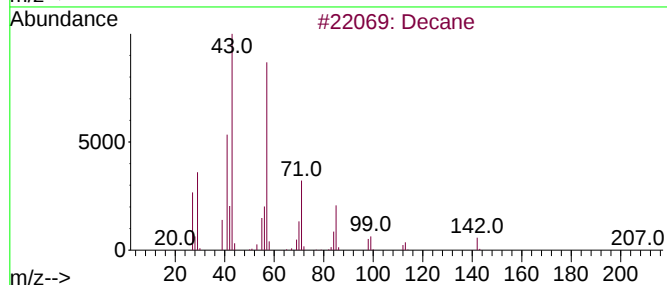
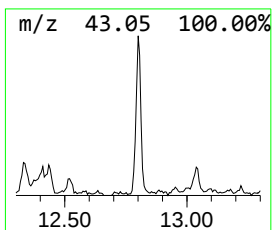
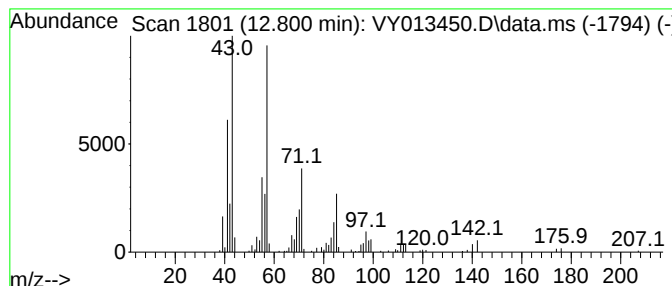
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 3 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	10.43 ug/l	100034	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
4			1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	47
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013450.D
Acq On : 25 Apr 2023 16:39
Operator : KP/MD
Sample : 02467-01RE
Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
279RE

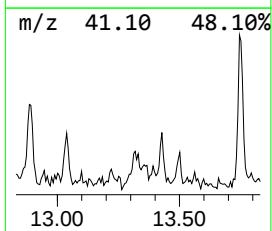
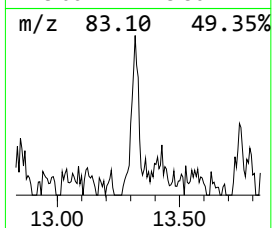
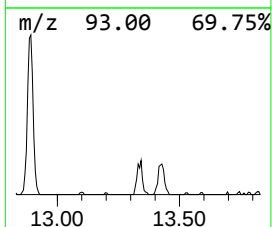
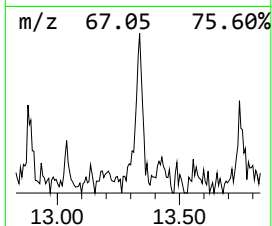
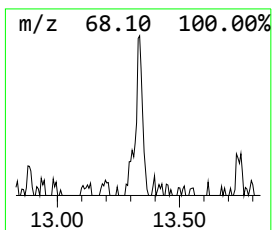
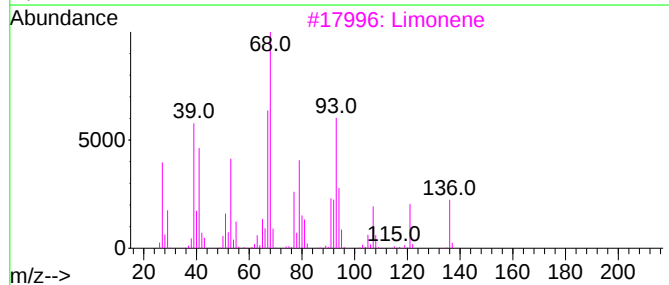
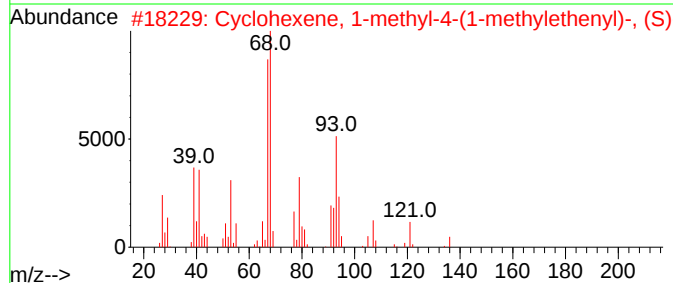
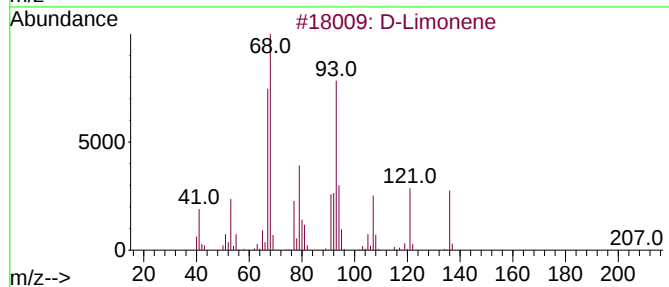
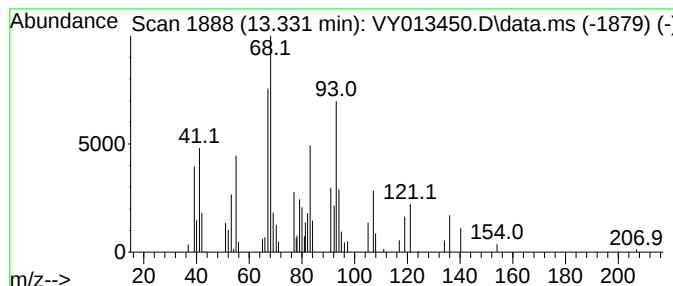
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 4 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.331	5.03 ug/l	48265	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	90
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	74
3			Limonene	136	C10H16	000138-86-3	72
4			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	64
5			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013450.D
Acq On : 25 Apr 2023 16:39
Operator : KP/MD
Sample : 02467-01RE
Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
279RE

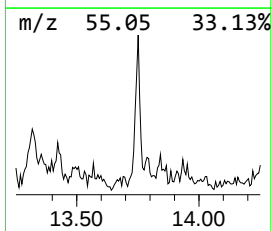
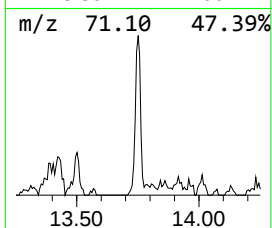
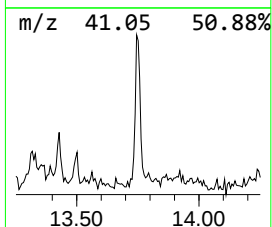
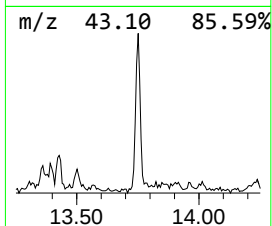
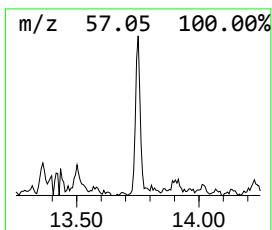
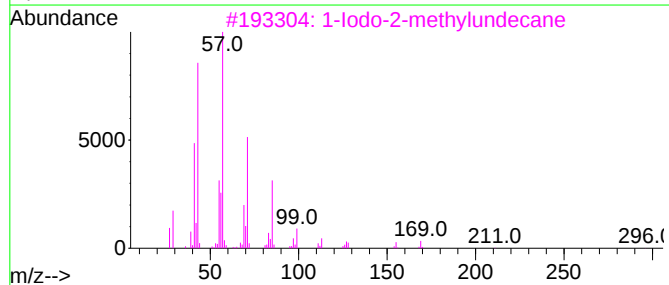
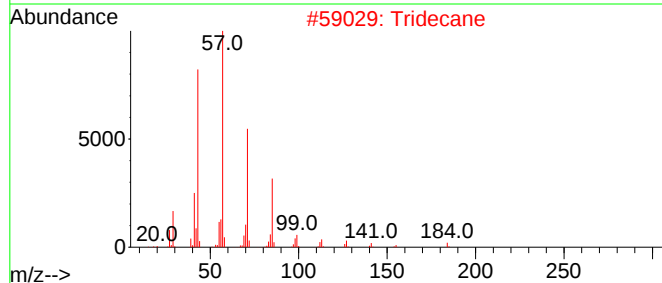
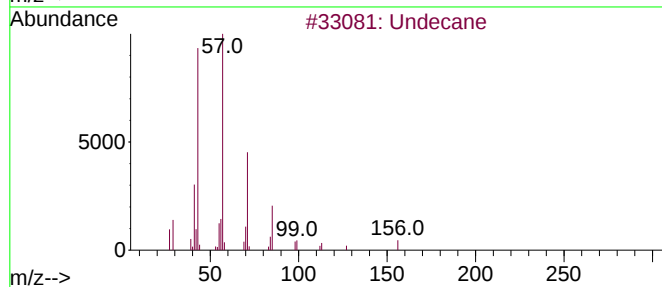
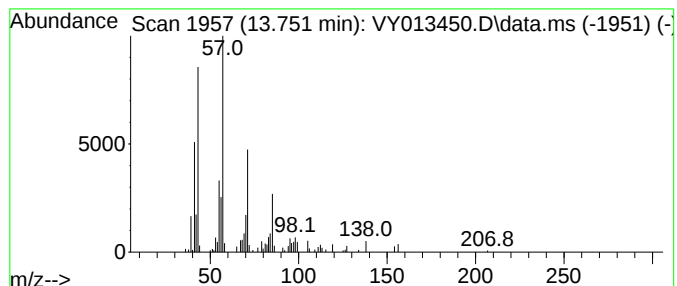
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	5.79 ug/l	55509	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	80
2			Tridecane	184	C13H28	000629-50-5	59
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013450.D
Acq On : 25 Apr 2023 16:39
Operator : KP/MD
Sample : 02467-01RE
Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
279RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Propene, 2-me...	2.217	12.6	ug/l	126396	1	7.789	499719	50.0
.alpha.-Pinene	12.337	21.2	ug/l	270785	3	11.489	638449	50.0
Decane	12.800	10.4	ug/l	100034	4	13.422	479735	50.0
D-Limonene	13.331	5.0	ug/l	48265	4	13.422	479735	50.0
Undecane	13.751	5.8	ug/l	55509	4	13.422	479735	50.0