

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007165.D
 Acq On : 14 Jan 2022 13:47
 Operator : SY/MD
 Sample : N1119-04
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

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: VY007165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	463	474	484	rBV2	14271	50907	6.02%	0.834%
2	7.502	920	932	943	rVB	21889	55581	6.57%	0.911%
3	7.716	956	967	973	rBV2	92994	228364	27.01%	3.743%
4	7.789	973	979	988	rVV	152249	346317	40.96%	5.676%
5	7.868	988	992	1001	rVB5	3632	8803	1.04%	0.144%
6	7.996	1006	1013	1022	rVV2	6382	15174	1.79%	0.249%
7	8.143	1028	1037	1051	rBV	83716	189863	22.45%	3.112%
8	8.325	1061	1067	1076	rVB2	8692	23781	2.81%	0.390%
9	8.685	1117	1126	1136	rBV	242532	480529	56.83%	7.876%
10	9.179	1203	1207	1213	rVV5	7964	17030	2.01%	0.279%
11	9.618	1271	1279	1285	rBV4	8124	17429	2.06%	0.286%
12	9.752	1290	1301	1306	rBV4	9591	22702	2.68%	0.372%
13	9.819	1306	1312	1315	rVV2	5286	11280	1.33%	0.185%
14	9.959	1326	1335	1346	rBV4	9567	26300	3.11%	0.431%
15	10.106	1348	1359	1364	rBV5	4058	10257	1.21%	0.168%
16	10.179	1364	1371	1378	rBV	399852	680643	80.49%	11.155%
17	10.240	1378	1381	1387	rVB	14298	23915	2.83%	0.392%
18	10.368	1394	1402	1409	rVB6	5791	17256	2.04%	0.283%
19	10.612	1432	1442	1450	rVV8	7651	19497	2.31%	0.320%
20	10.715	1453	1459	1465	rVB2	34209	56567	6.69%	0.927%
21	10.801	1465	1473	1478	rBV2	4426	8660	1.02%	0.142%
22	11.087	1515	1520	1525	rVB3	11485	19939	2.36%	0.327%
23	11.203	1533	1539	1543	rBV6	5309	9150	1.08%	0.150%
24	11.282	1543	1552	1563	rVB6	12254	38598	4.56%	0.633%
25	11.380	1563	1568	1575	rBV	9867	19701	2.33%	0.323%
26	11.490	1579	1586	1595	rBV	373126	594514	70.31%	9.744%
27	11.587	1597	1602	1605	rBV3	7413	12390	1.47%	0.203%
28	11.697	1612	1620	1624	rBV4	14202	38696	4.58%	0.634%
29	11.776	1631	1633	1638	rVB3	7588	10273	1.21%	0.168%
30	12.002	1663	1670	1677	rBV5	18161	49020	5.80%	0.803%
31	12.124	1686	1690	1693	rVB	11724	15827	1.87%	0.259%
32	12.197	1693	1702	1705	rBV4	14631	30603	3.62%	0.502%
33	12.239	1705	1709	1714	rVB4	13335	27991	3.31%	0.459%
34	12.337	1719	1725	1730	rBV	73905	123060	14.55%	2.017%
35	12.410	1735	1737	1743	rVV4	11539	22882	2.71%	0.375%
36	12.483	1743	1749	1759	rVV2	467153	845572	100.00%	13.859%

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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
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37	12.575	1759	1764	1768	rVV8	7509	13527	1.60%	0.222%
38	12.642	1771	1775	1783	rVB3	22479	45082	5.33%	0.739%
39	12.733	1783	1790	1792	rBV4	10496	19701	2.33%	0.323%
40	12.806	1792	1802	1808	rVV4	38374	95620	11.31%	1.567%

41	12.867	1808	1812	1813	rVV4	8676	13451	1.59%	0.220%
42	12.892	1813	1816	1821	rVV2	22088	37737	4.46%	0.618%
43	12.953	1822	1826	1830	rVV4	9001	17067	2.02%	0.280%
44	13.001	1830	1834	1836	rVV3	6382	10964	1.30%	0.180%
45	13.038	1836	1840	1848	rVB3	20082	36076	4.27%	0.591%

46	13.123	1849	1854	1857	rVB3	12312	17988	2.13%	0.295%
47	13.172	1857	1862	1866	rBV6	5676	9647	1.14%	0.158%
48	13.312	1878	1885	1889	rBV8	11774	26094	3.09%	0.428%
49	13.361	1891	1893	1897	rVV3	8713	12757	1.51%	0.209%
50	13.422	1897	1903	1913	rVB	338605	547849	64.79%	8.979%

51	13.593	1928	1931	1934	rBV	7496	9605	1.14%	0.157%
52	13.672	1939	1944	1951	rVB3	21243	40981	4.85%	0.672%
53	13.751	1951	1957	1961	rBV4	33557	56890	6.73%	0.932%
54	13.971	1988	1993	1998	rVB2	56448	88310	10.44%	1.447%
55	14.081	2005	2011	2016	rVB2	24925	42038	4.97%	0.689%

56	14.142	2016	2021	2027	rBV8	7151	16747	1.98%	0.274%
57	14.215	2027	2033	2036	rBV4	11286	23226	2.75%	0.381%
58	14.263	2036	2041	2043	rVV5	11900	23644	2.80%	0.388%
59	14.294	2043	2046	2050	rVV2	20713	35436	4.19%	0.581%
60	14.337	2050	2053	2056	rVB	11292	14947	1.77%	0.245%

61	14.379	2056	2060	2063	rBV3	20613	28618	3.38%	0.469%
62	14.416	2063	2066	2070	rVB3	16672	22860	2.70%	0.375%
63	14.519	2079	2083	2086	rVB4	8451	14558	1.72%	0.239%
64	14.574	2086	2092	2096	rBV5	11474	25525	3.02%	0.418%
65	14.611	2096	2098	2103	rVB3	16111	19666	2.33%	0.322%

66	14.678	2103	2109	2115	rBV3	36881	87834	10.39%	1.440%
67	14.733	2115	2118	2124	rVB3	20518	34781	4.11%	0.570%
68	14.946	2148	2153	2156	rBV	30283	45819	5.42%	0.751%
69	14.977	2156	2158	2165	rVV3	13577	25122	2.97%	0.412%
70	15.056	2165	2171	2176	rVB3	33282	62535	7.40%	1.025%

71	15.208	2191	2196	2201	rBV7	15386	30665	3.63%	0.503%
72	15.343	2213	2218	2222	rBV2	14249	26931	3.18%	0.441%
73	15.391	2223	2226	2230	rVV5	12689	21419	2.53%	0.351%
74	15.434	2230	2233	2241	rVB8	11239	24046	2.84%	0.394%
75	15.525	2241	2248	2255	rBV3	15238	40092	4.74%	0.657%

76	15.605	2257	2261	2266	rVB7	8534	13972	1.65%	0.229%
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Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

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

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Title : SW846 8260

77	15.678	2266	2273	2284	rBV7	13073	42092	4.98%	0.690%
78	15.812	2293	2295	2300	rVB6	10606	15275	1.81%	0.250%
79	15.879	2301	2306	2313	rBV5	12673	29119	3.44%	0.477%
80	16.025	2324	2330	2336	rBV4	13420	31147	3.68%	0.510%
81	16.476	2399	2404	2411	rBV6	9313	21027	2.49%	0.345%
82	16.598	2419	2424	2432	rBV7	5484	13867	1.64%	0.227%

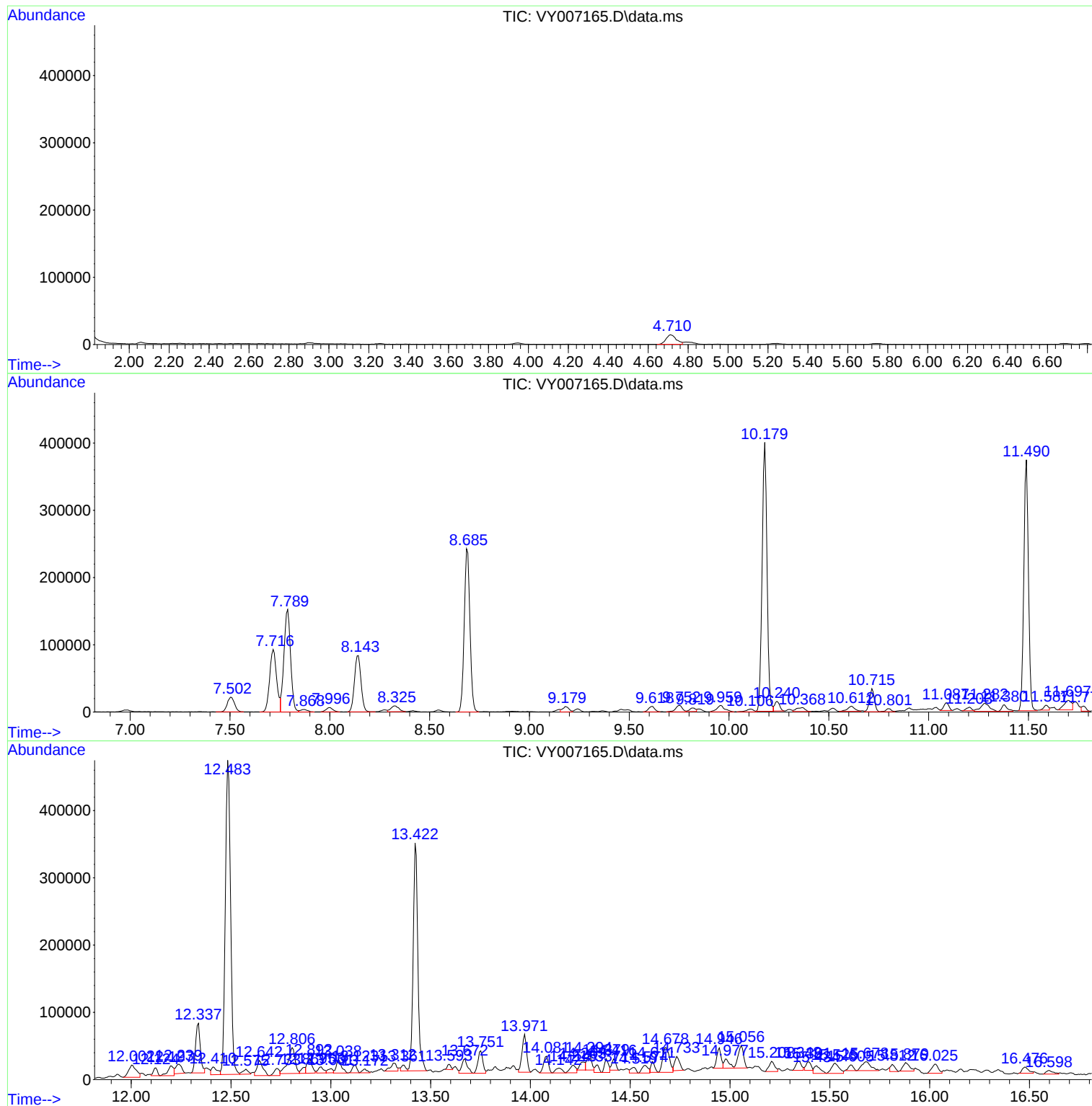
Sum of corrected areas: 6101425

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Instrument :
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NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
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Operator : SY/MD
Sample : N1119-04
Misc : 5.48g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

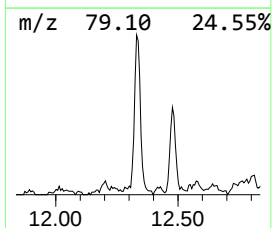
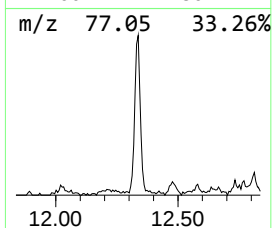
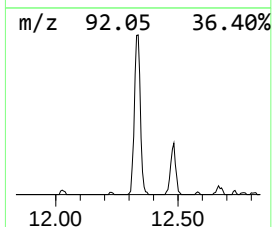
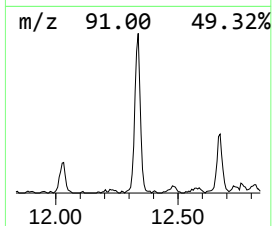
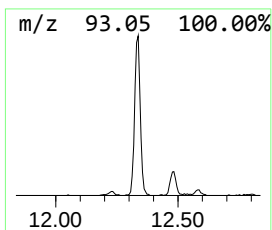
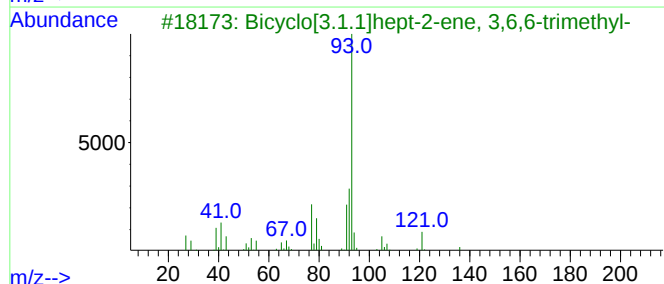
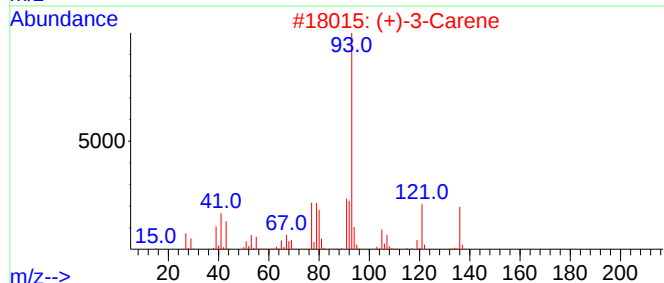
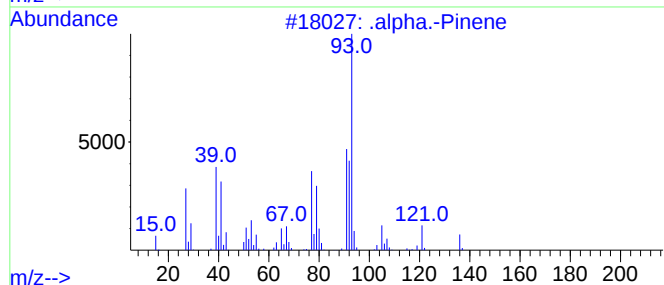
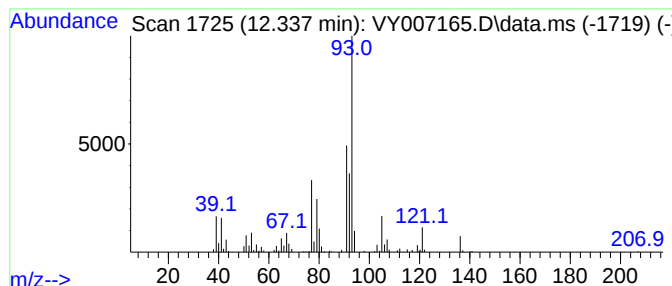
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	10.35 ug/l	123060	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	94
2			(+)-3-Carene	136	C10H16	000498-15-7	91
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91



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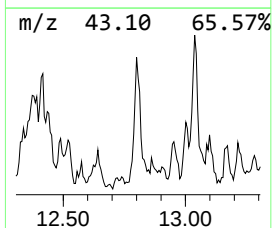
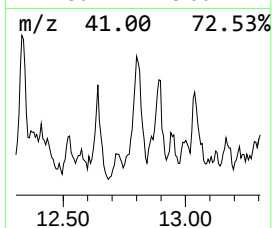
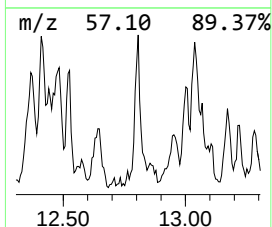
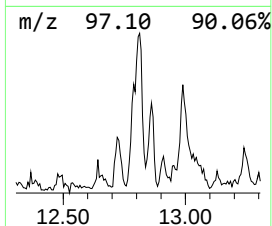
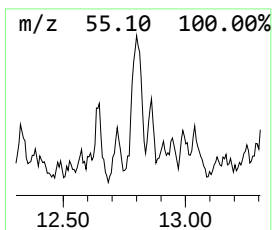
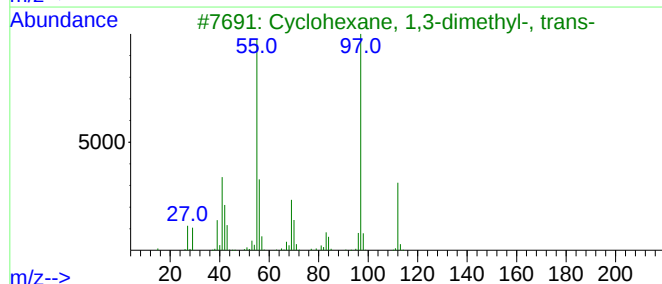
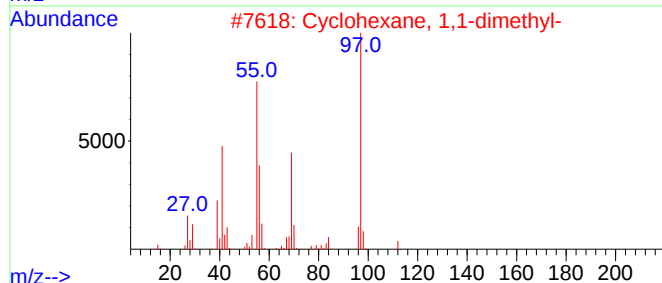
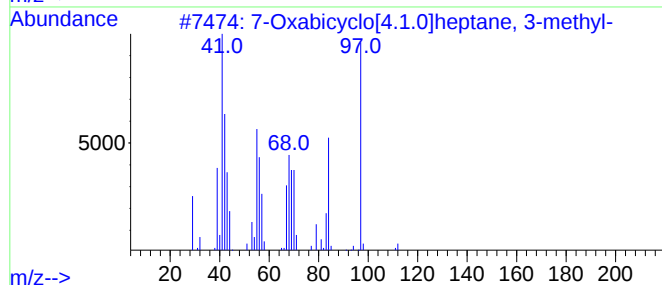
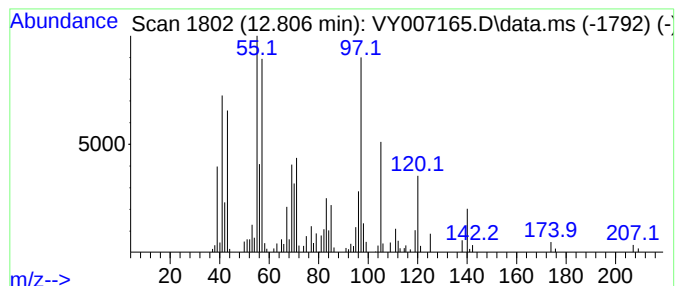
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.806 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	8.73 ug/l	95620	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Oxabicyclo[4.1.0]heptane, 3-me...	112	C7H12O	036099-51-1	46
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	30
5			Allyldimethyl(prop-1-ynyl)silane	138	C8H14Si	1000281-75-1	25



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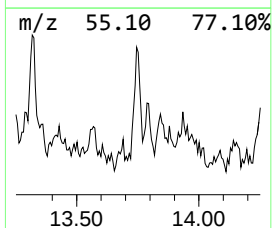
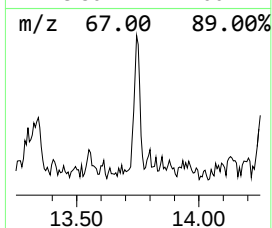
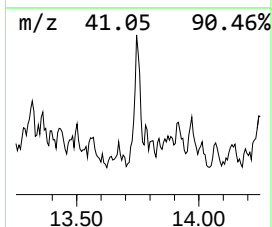
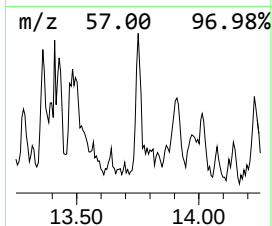
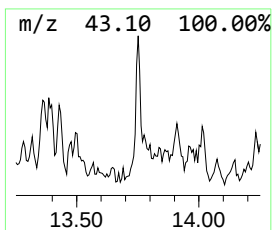
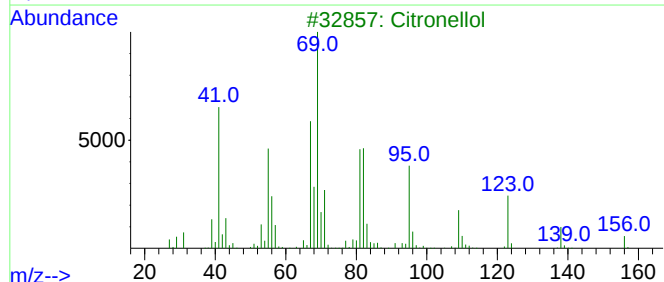
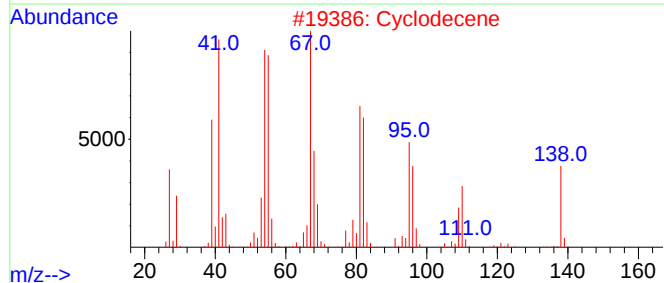
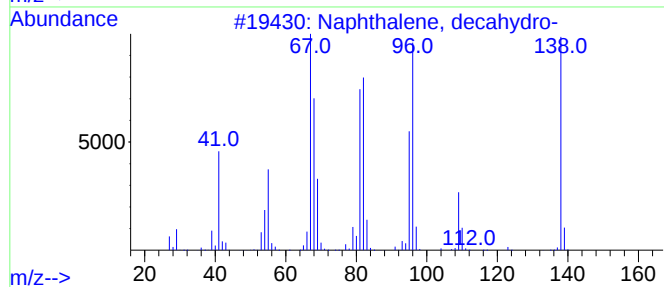
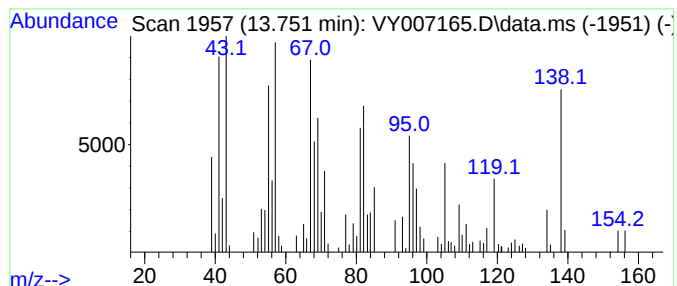
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	5.19 ug/l	56890	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	91
2			Cyclodecene	138	C10H18	003618-12-0	68
3			Citronellol	156	C10H20O	000106-22-9	62
4			Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	53
5			Cyclohexane, butylidene-	138	C10H18	002272-03-9	53



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NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

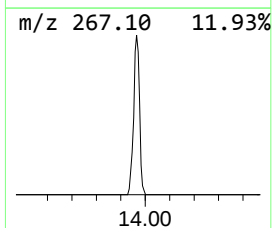
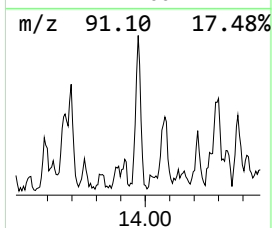
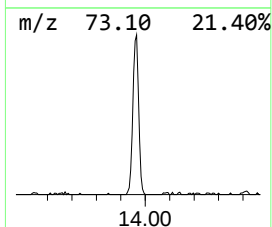
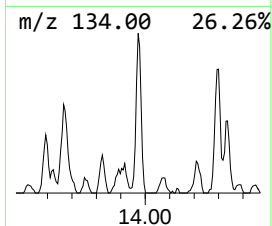
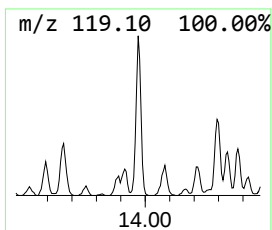
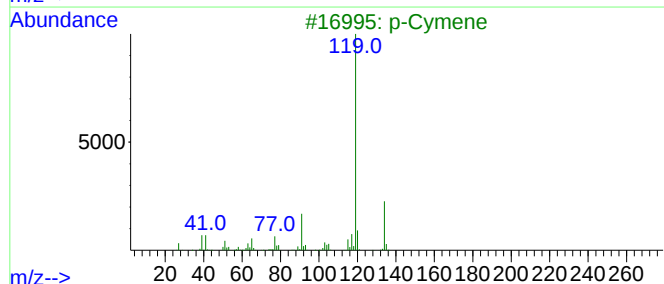
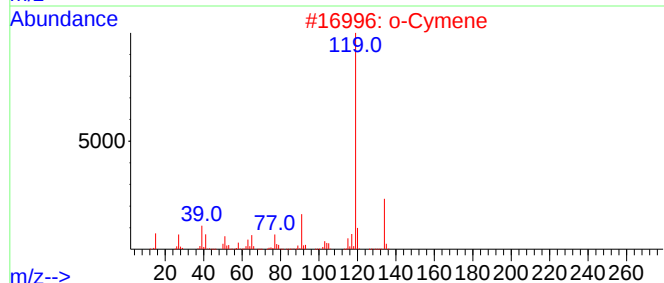
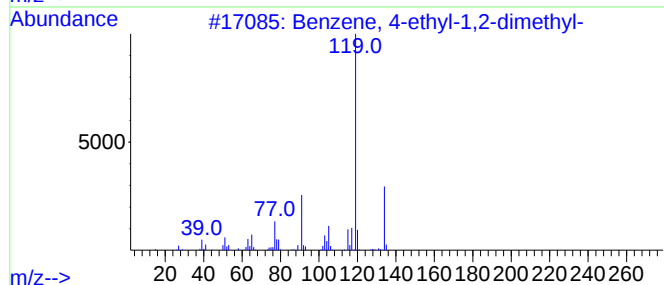
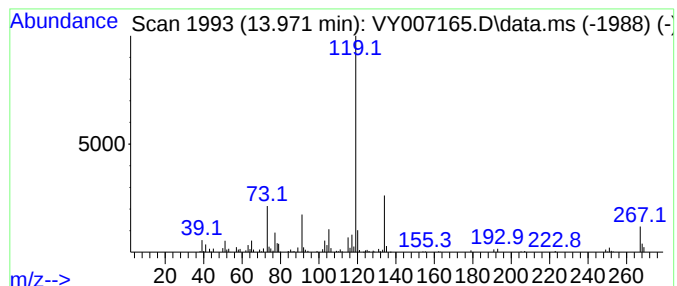
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	8.06 ug/l	88310	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007165.D
Acq On : 14 Jan 2022 13:47
Operator : SY/MD
Sample : N1119-04
Misc : 5.48g/5.0mL/MSVOA_Y/soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

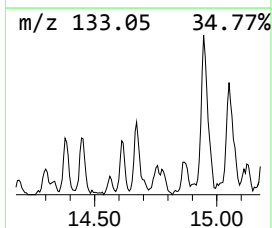
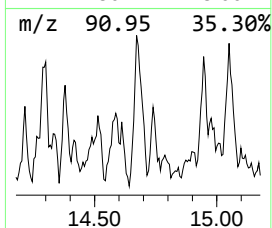
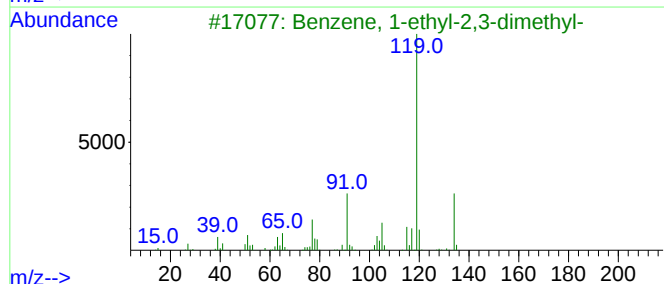
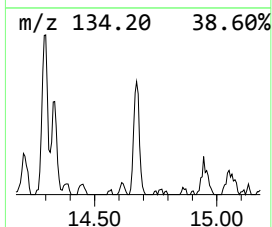
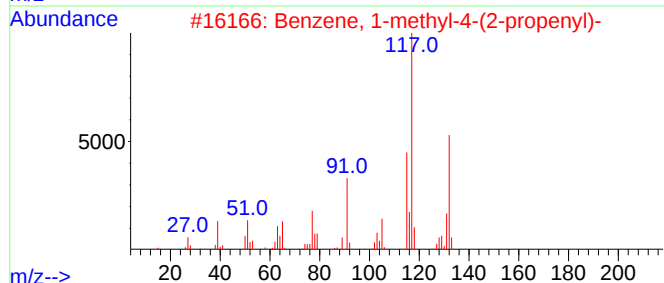
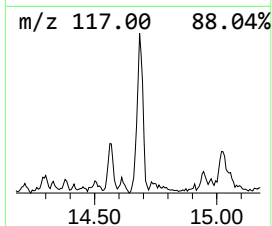
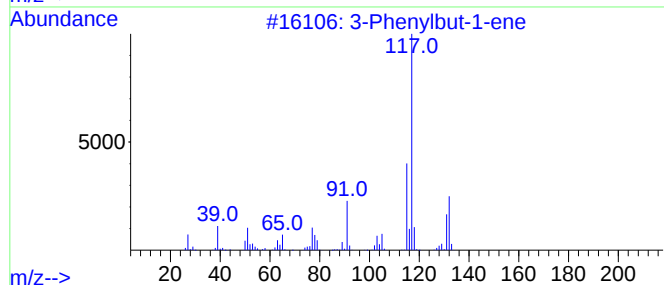
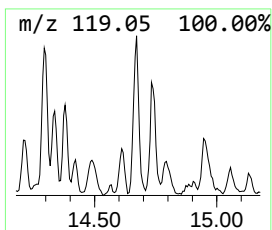
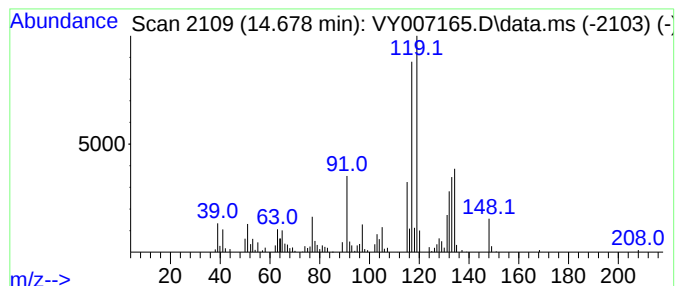
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	8.02 ug/l	87834	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007165.D
Acq On : 14 Jan 2022 13:47
Operator : SY/MD
Sample : N1119-04
Misc : 5.48g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

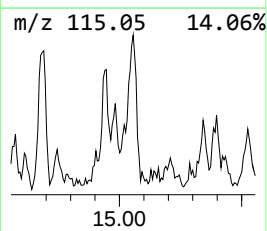
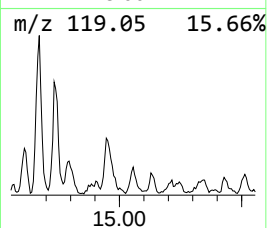
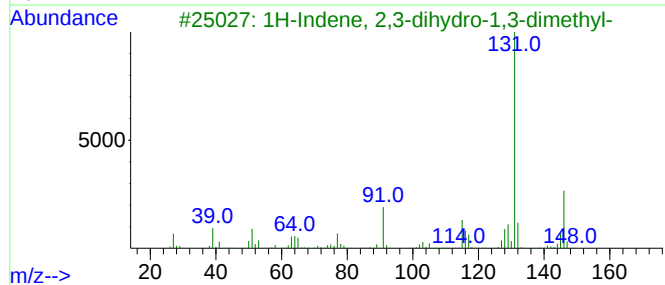
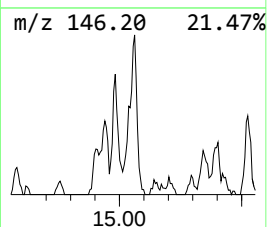
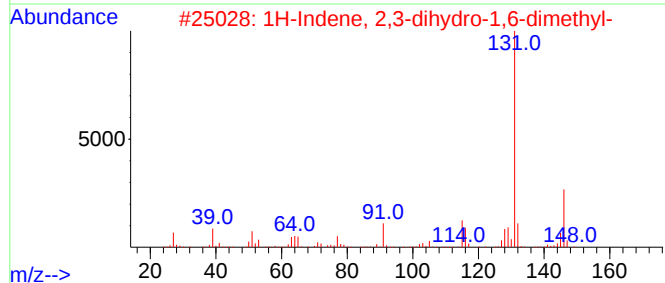
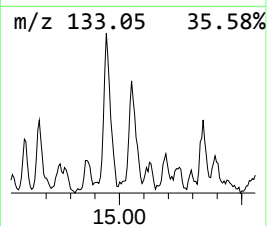
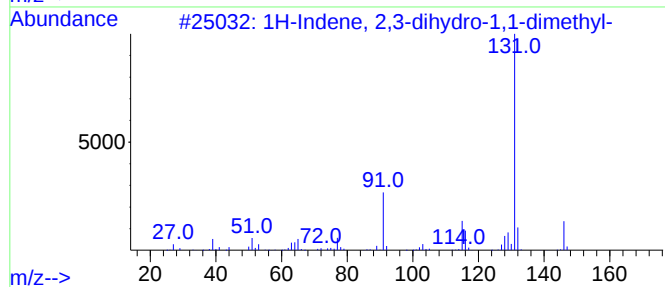
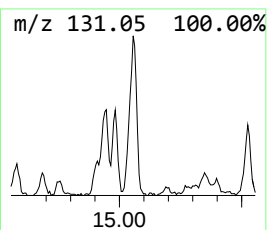
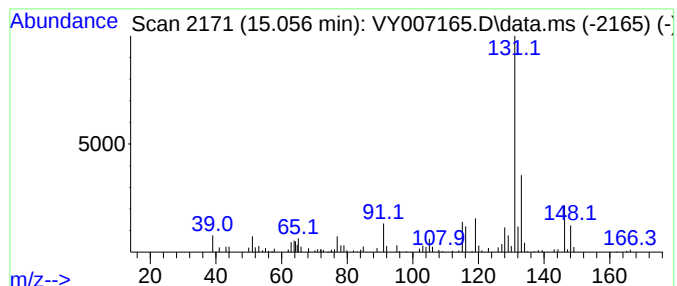
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	5.71 ug/l	62535	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	68
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007165.D
Acq On : 14 Jan 2022 13:47
Operator : SY/MD
Sample : N1119-04
Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.337	10.4	ug/l	123060	3	11.490	594514	50.0
unknown12.806	12.806	8.7	ug/l	95620	4	13.428	547849	50.0
Naphthalene, de...	13.751	5.2	ug/l	56890	4	13.428	547849	50.0
Benzene, 4-ethy...	13.971	8.1	ug/l	88310	4	13.428	547849	50.0
3-Phenylbut-1-ene	14.678	8.0	ug/l	87834	4	13.428	547849	50.0
1H-Indene, 2,3-...	15.056	5.7	ug/l	62535	4	13.428	547849	50.0