

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014658.D
 Acq On : 14 Jul 2023 19:26
 Operator : SY/MD
 Sample : 03632-07
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(9-11)

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\82Y071323S.M

Title : SW846 8260

Signal : TIC: VY014658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.070	34	41	61	rBV	4465367	8980886	4.43%	0.207%
2	2.235	61	68	118	rVB	13477561	40297098	19.88%	0.928%
3	2.875	165	173	223	rBV2	21898800	202683440	100.00%	4.665%
4	3.216	223	229	232	rBV2	24095694	41595075	20.52%	0.957%
5	3.686	297	306	334	rVB	6860758	21407434	10.56%	0.493%
6	3.942	334	348	431	rVB	4128171	20125495	9.93%	0.463%
7	4.582	431	453	459	rBV4	1417375	6409894	3.16%	0.148%
8	4.686	459	470	478	rBV2	25229264	115456942	56.96%	2.658%
9	5.216	545	557	563	rBV2	25963355	91104297	44.95%	2.097%
10	5.558	600	613	630	rVB	7140943	28347352	13.99%	0.653%
11	5.734	630	642	646	rBV2	26399437	76309083	37.65%	1.757%
12	5.923	665	673	684	rVB	3112927	10727130	5.29%	0.247%
13	6.106	685	703	716	rBV	15928279	61107669	30.15%	1.407%
14	6.246	716	726	739	rBV	8751321	32258873	15.92%	0.743%
15	6.545	763	775	788	rBV	15530883	65589785	32.36%	1.510%
16	6.685	788	798	803	rBV3	26910149	90589492	44.70%	2.085%
17	6.996	842	849	880	rVB2	4166960	18575313	9.16%	0.428%
18	7.368	898	910	919	rBV2	2155639	8375133	4.13%	0.193%
19	7.533	919	937	949	rBV3	12692971	61815548	30.50%	1.423%
20	7.771	967	976	983	rBV5	26430442	103982902	51.30%	2.394%
21	8.014	1012	1016	1018	rBV	21031550	30562255	15.08%	0.704%
22	8.319	1054	1066	1070	rBV3	28396940	104186553	51.40%	2.398%
23	8.472	1088	1091	1098	rVB	27323522	56227369	27.74%	1.294%
24	8.563	1098	1106	1108	rBV3	26202036	49872420	24.61%	1.148%
25	8.801	1143	1145	1151	rVB	4902752	7788319	3.84%	0.179%
26	8.868	1151	1156	1163	rVB	14518709	31074463	15.33%	0.715%
27	8.984	1163	1175	1195	rVB3	14212192	59813339	29.51%	1.377%
28	9.185	1195	1208	1211	rBV5	32808945	107077167	52.83%	2.465%
29	9.356	1230	1236	1240	rBV	18119932	48926358	24.14%	1.126%
30	9.484	1248	1257	1265	rBV4	16598101	49035306	24.19%	1.129%
31	9.618	1274	1279	1280	rBV	24638988	32761925	16.16%	0.754%
32	9.752	1297	1301	1303	rBV2	16245396	23429002	11.56%	0.539%
33	9.965	1330	1336	1338	rBV2	25163109	47638589	23.50%	1.097%
34	10.081	1350	1355	1358	rBV3	10387903	19858656	9.80%	0.457%
35	10.124	1358	1362	1363	rBV2	18678508	23132050	11.41%	0.532%
36	10.203	1370	1375	1379	rBV4	17339505	37288125	18.40%	0.858%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Title : SW846 8260

37	10.319	1386	1394	1397	rBV5	14919210	34809187	17.17%	0.801%
38	10.368	1397	1402	1404	rBV2	16426431	28075322	13.85%	0.646%
39	10.447	1412	1415	1420	rVB2	13323079	19573290	9.66%	0.451%
40	10.490	1420	1422	1426	rVB3	5478522	7253114	3.58%	0.167%

41	10.544	1426	1431	1432	rBV	9328912	12990913	6.41%	0.299%
42	10.624	1438	1444	1455	rVB6	26485704	94595614	46.67%	2.177%
43	10.721	1455	1460	1466	rVB2	19549419	39208147	19.34%	0.903%
44	10.819	1466	1476	1480	rBV2	20843113	47993136	23.68%	1.105%
45	10.922	1480	1493	1499	rBV3	23286298	81549510	40.23%	1.877%

46	11.014	1504	1508	1512	rVB3	7195209	10708864	5.28%	0.247%
47	11.105	1518	1523	1527	rBV2	8920028	16239630	8.01%	0.374%
48	11.154	1527	1531	1536	rVB4	9844813	17893297	8.83%	0.412%
49	11.215	1536	1541	1545	rBV4	13560087	25256653	12.46%	0.581%
50	11.276	1545	1551	1553	rBV3	15755879	30383936	14.99%	0.699%

51	11.386	1565	1569	1571	rBV	23078942	36086327	17.80%	0.831%
52	11.502	1581	1588	1594	rBV2	22036092	64650518	31.90%	1.488%
53	11.611	1594	1606	1614	rVB3	24934469	99312063	49.00%	2.286%
54	11.721	1614	1624	1627	rBV3	29173721	97618613	48.16%	2.247%
55	11.837	1640	1643	1648	rBV3	4613676	6866924	3.39%	0.158%

56	11.904	1648	1654	1656	rBV4	8355761	16062196	7.92%	0.370%
57	11.947	1656	1661	1667	rVV4	22730293	57414565	28.33%	1.322%
58	12.032	1668	1675	1684	rVV3	27873144	95339357	47.04%	2.195%
59	12.130	1685	1691	1697	rVV2	16742354	36593841	18.05%	0.842%
60	12.209	1698	1704	1707	rVV2	13294695	26870892	13.26%	0.619%

61	12.245	1707	1710	1715	rVB3	10602682	18010333	8.89%	0.415%
62	12.337	1721	1725	1728	rBV	8352100	13410246	6.62%	0.309%
63	12.386	1728	1733	1737	rBV5	8839126	21562876	10.64%	0.496%
64	12.538	1754	1758	1762	rBV	13416932	22830698	11.26%	0.526%
65	12.672	1770	1780	1786	rVB3	23361356	93037591	45.90%	2.142%

66	12.751	1786	1793	1796	rBV3	29661396	81571528	40.25%	1.878%
67	12.825	1802	1805	1824	rVB3	34150784	111984626	55.25%	2.578%
68	12.983	1824	1831	1835	rBV2	27928136	74185911	36.60%	1.708%
69	13.056	1839	1843	1844	rBV2	7546748	9329272	4.60%	0.215%
70	13.129	1850	1855	1861	rBV3	26141934	72118108	35.58%	1.660%

71	13.178	1861	1863	1868	rVB2	14624317	21846718	10.78%	0.503%
72	13.239	1868	1873	1874	rBV2	12683209	17982645	8.87%	0.414%
73	13.294	1878	1882	1885	rBV	12325726	22978115	11.34%	0.529%
74	13.373	1891	1895	1898	rBV2	11953342	18977190	9.36%	0.437%
75	13.404	1898	1900	1903	rVB	9167800	9770495	4.82%	0.225%

76	13.471	1903	1911	1924	rVB3	32135465	140256131	69.20%	3.229%
----	--------	------	------	------	------	----------	-----------	--------	--------

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014658.D
 Acq On : 14 Jul 2023 19:26
 Operator : SY/MD
 Sample : 03632-07
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(9-11)

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\82Y071323S.M
 Title : SW846 8260

77	13.629	1924	1937	1941	rBV3	37736817	136484477	67.34%	3.142%
78	13.757	1954	1958	1963	rBV2	20386586	31162380	15.37%	0.717%
79	13.830	1965	1970	1975	rVV	20538239	35304644	17.42%	0.813%
80	13.891	1975	1980	1982	rVV	26631584	46685713	23.03%	1.075%
81	13.922	1982	1985	1989	rVV	25478363	40310891	19.89%	0.928%
82	13.977	1989	1994	1999	rVV	29799776	60632421	29.91%	1.396%
83	14.038	1999	2004	2007	rVV	11496711	17628550	8.70%	0.406%
84	14.086	2007	2012	2017	rVB2	31580535	57724132	28.48%	1.329%
85	14.147	2017	2022	2028	rVB5	4444510	9259694	4.57%	0.213%
86	14.215	2028	2033	2038	rBV2	12116637	20446672	10.09%	0.471%
87	14.300	2038	2047	2050	rVV	21070509	42402643	20.92%	0.976%
88	14.336	2050	2053	2057	rVV	24578529	36112294	17.82%	0.831%
89	14.379	2057	2060	2064	rVV2	15859597	24162973	11.92%	0.556%
90	14.422	2064	2067	2071	rVB2	8872680	12238503	6.04%	0.282%
91	14.519	2079	2083	2086	rVV	9651960	12825414	6.33%	0.295%
92	14.568	2086	2091	2095	rVV	21748976	39113225	19.30%	0.900%
93	14.611	2095	2098	2103	rVB2	9323842	13174086	6.50%	0.303%
94	14.684	2103	2110	2115	rBV3	25638458	55467121	27.37%	1.277%
95	14.739	2115	2119	2125	rVB3	5570793	10157541	5.01%	0.234%
96	14.830	2130	2134	2142	rVB2	4079825	6246747	3.08%	0.144%
97	14.940	2147	2152	2156	rVV3	7173995	14349013	7.08%	0.330%
98	14.977	2156	2158	2163	rVV	4039202	5515201	2.72%	0.127%
99	15.056	2164	2171	2177	rVB3	5525299	12612337	6.22%	0.290%
100	15.233	2190	2200	2206	rVB	8804434	16682827	8.23%	0.384%

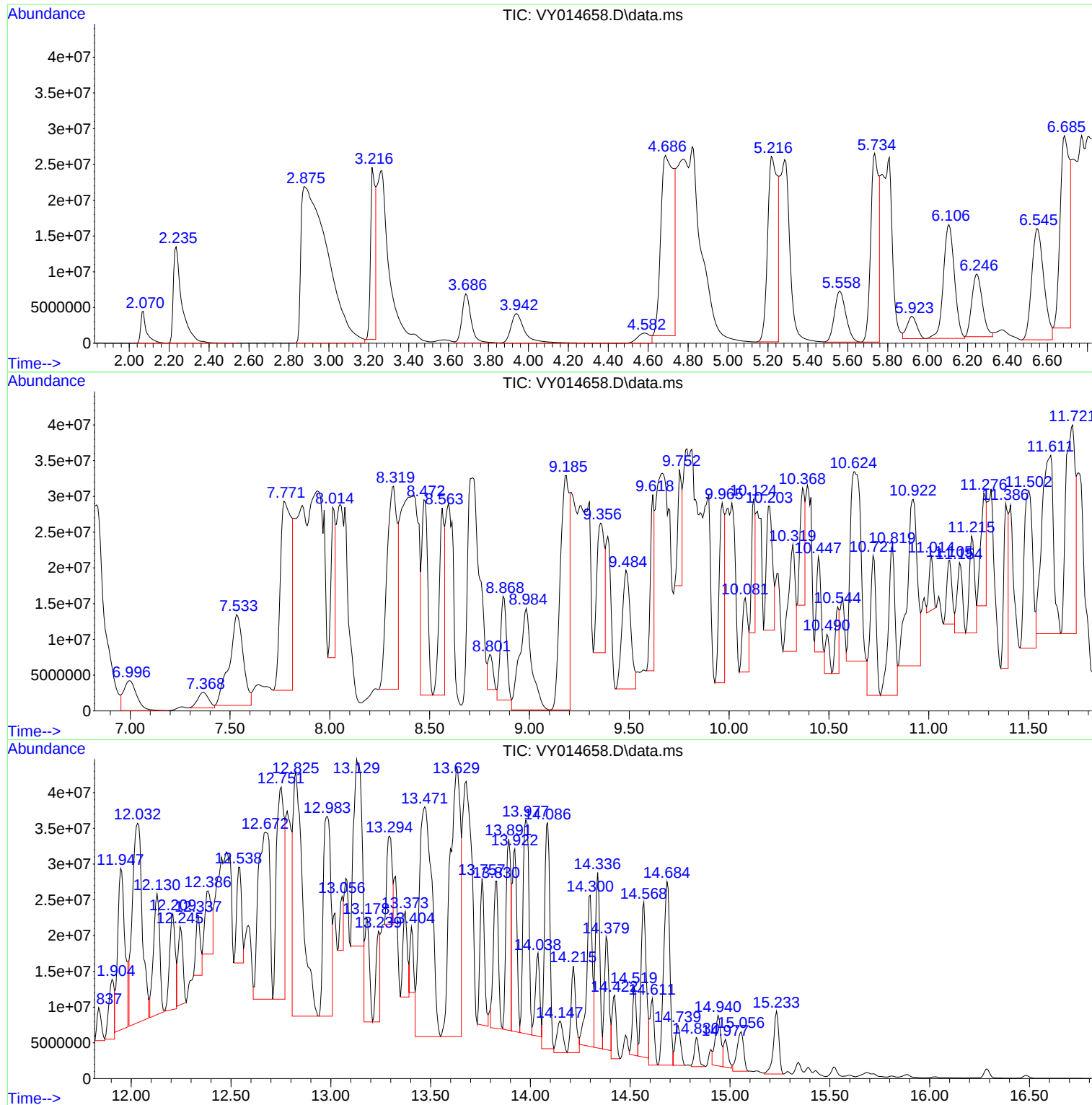
Sum of corrected areas: 4344308628

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

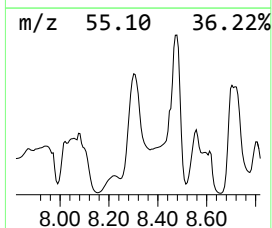
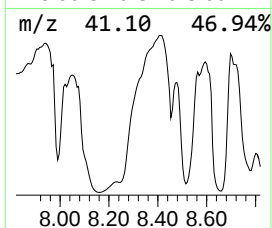
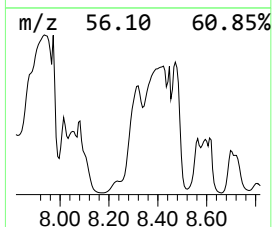
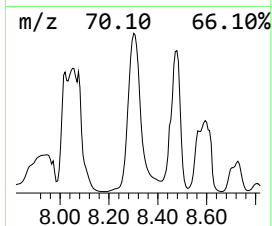
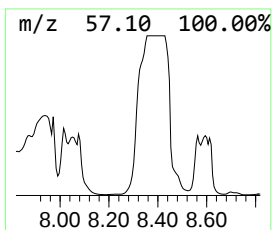
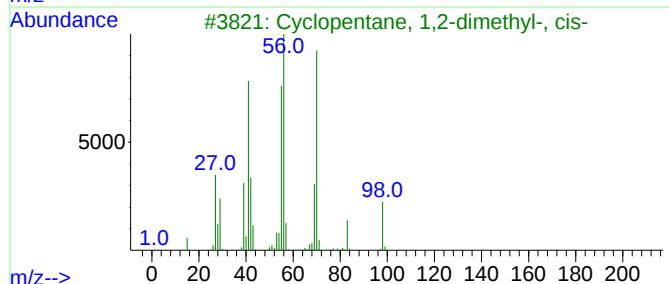
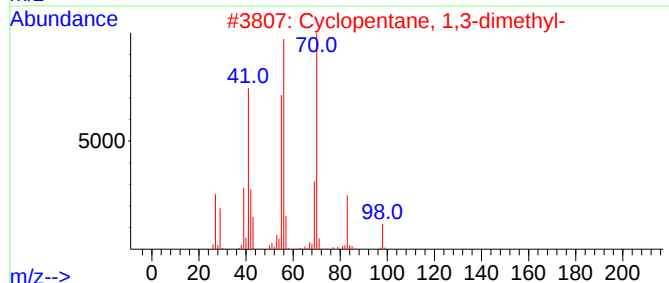
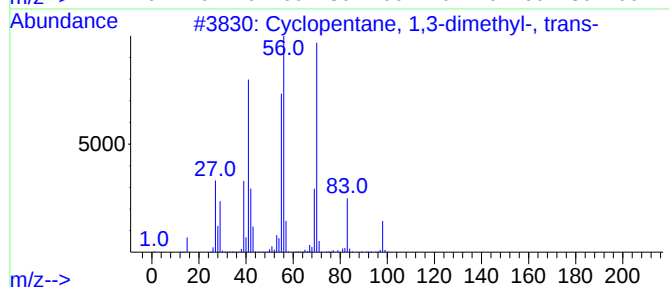
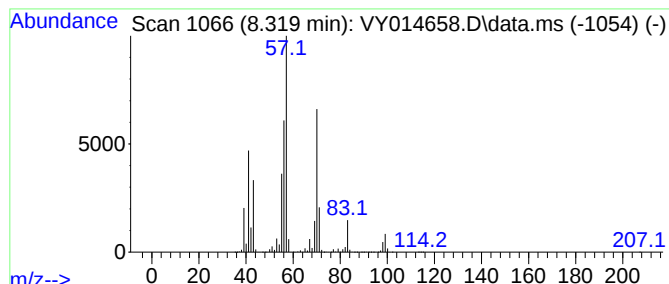
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentane, 1,3-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	668.86 ug/l	104187000	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	59
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	59
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	53
4			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	49
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

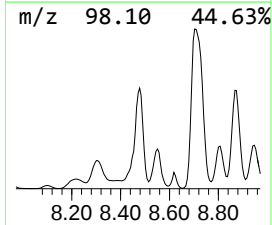
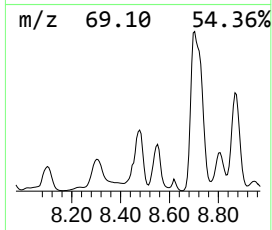
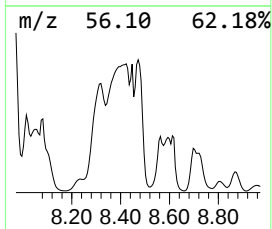
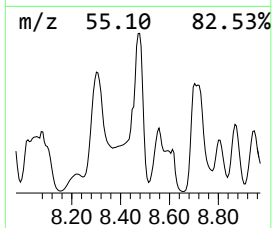
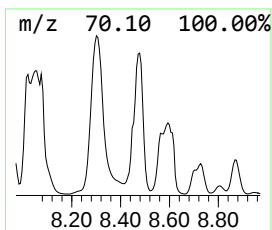
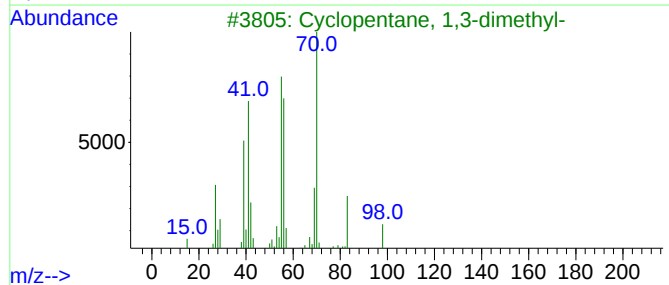
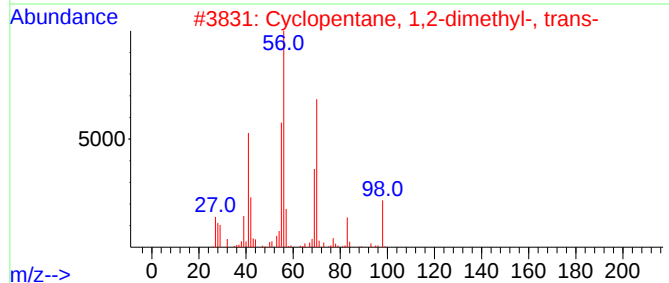
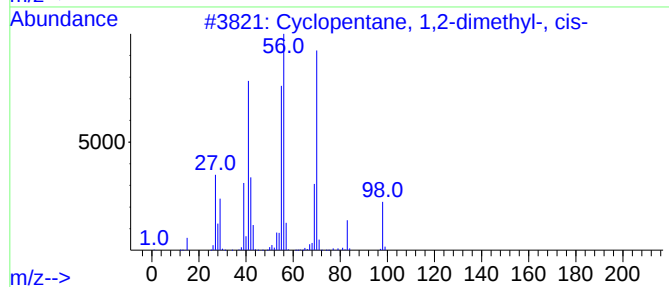
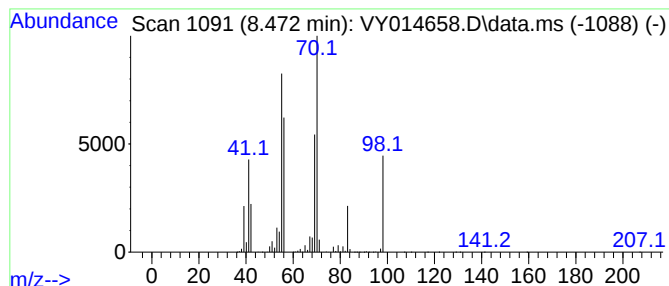
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane, 1,2-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.472	360.97 ug/l	56227400	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
2			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	58
3			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53
4			Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	50
5			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

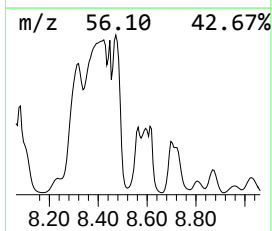
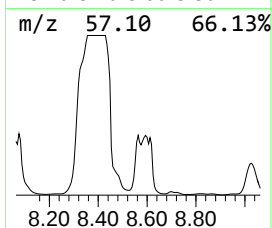
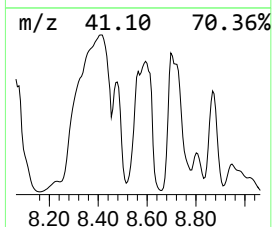
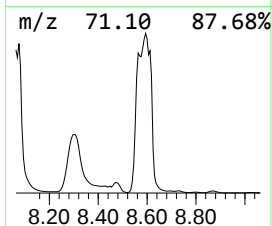
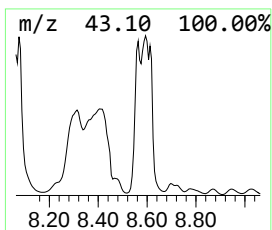
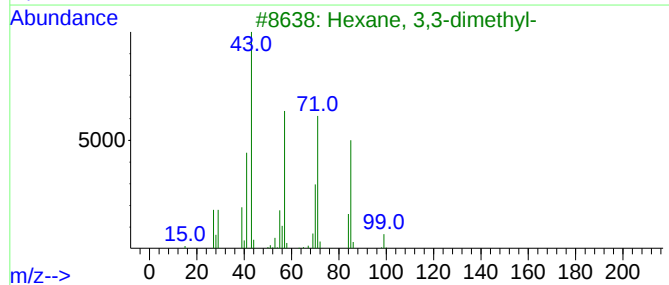
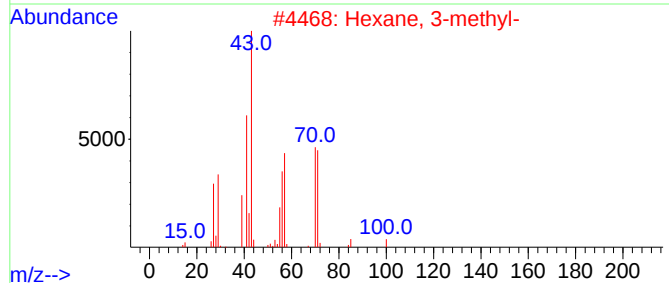
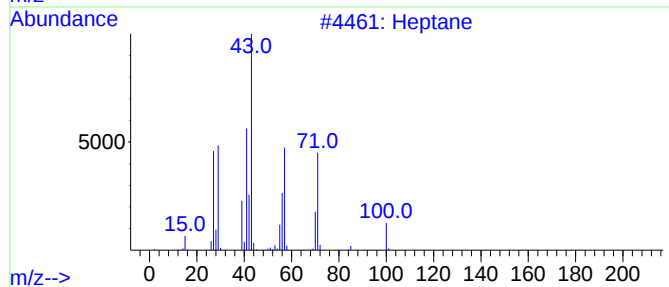
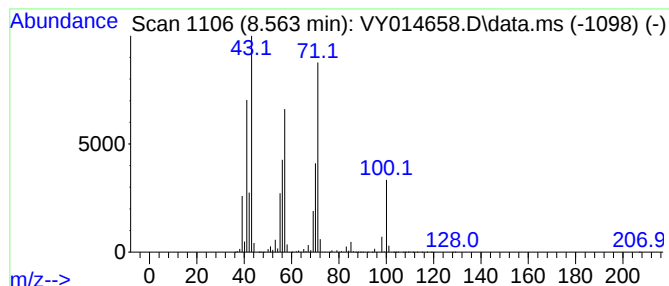
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 3 Heptane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	320.17 ug/l	49872400	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	87
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	43
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

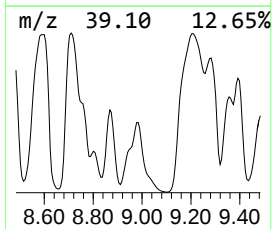
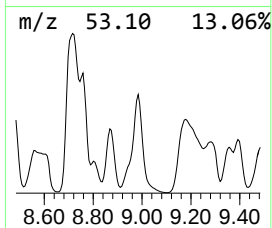
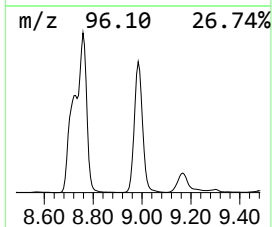
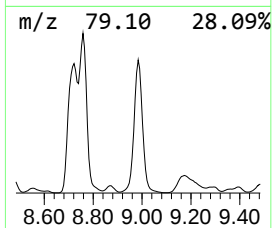
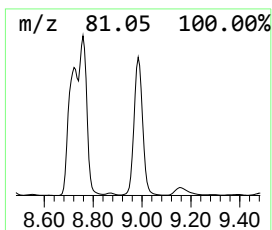
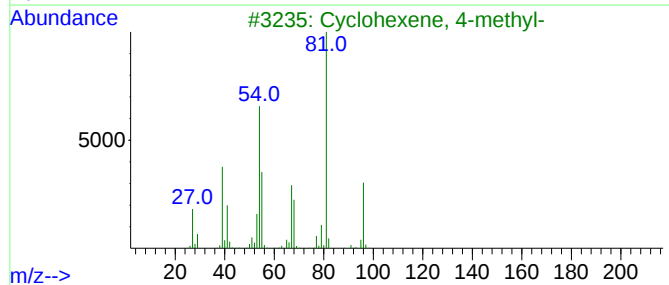
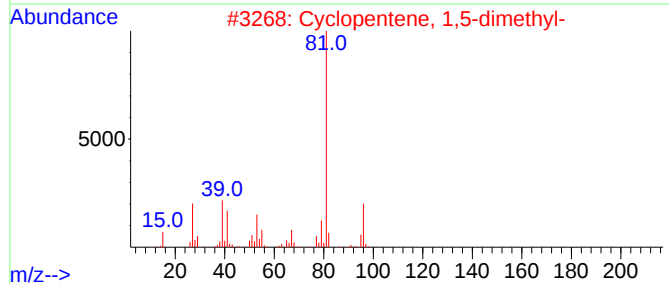
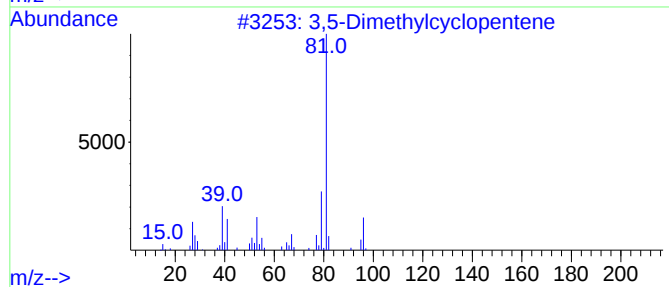
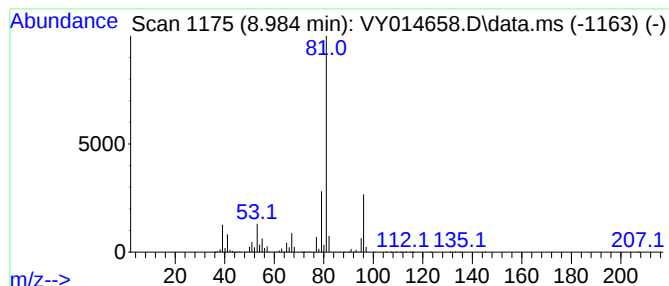
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 4 3,5-Dimethylcyclopentene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.984	383.99 ug/l	59813300	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	91
2			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	80
4			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
5			Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

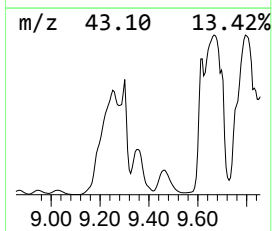
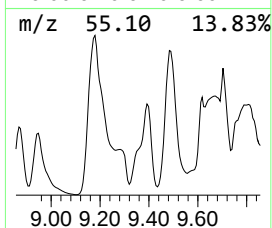
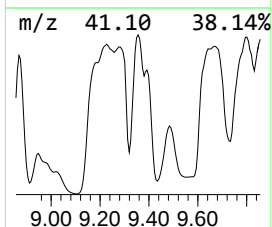
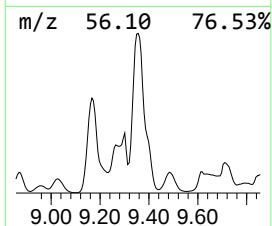
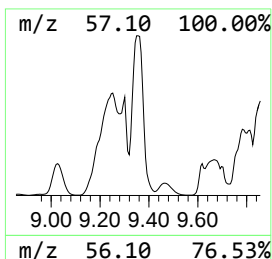
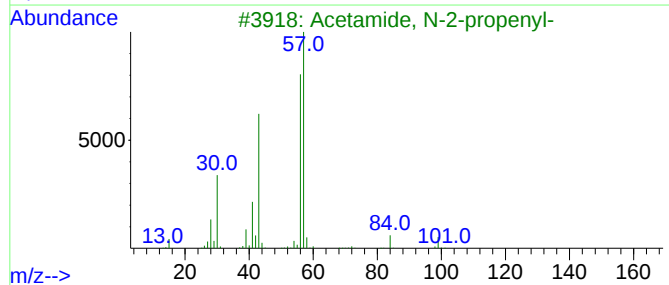
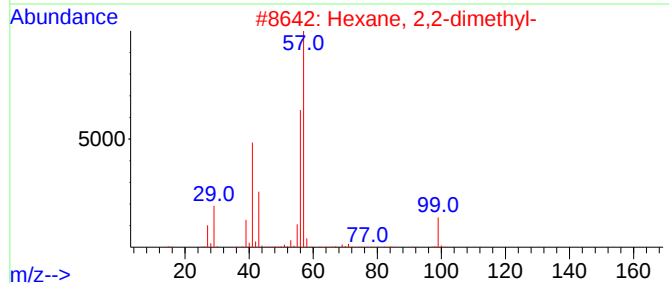
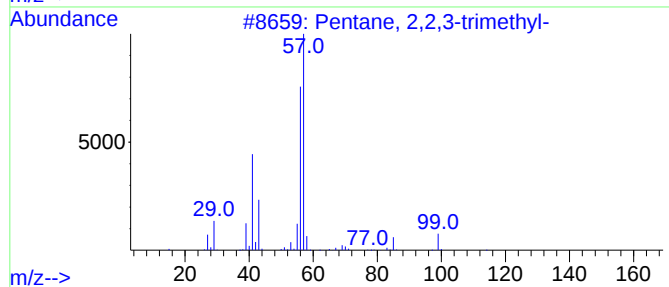
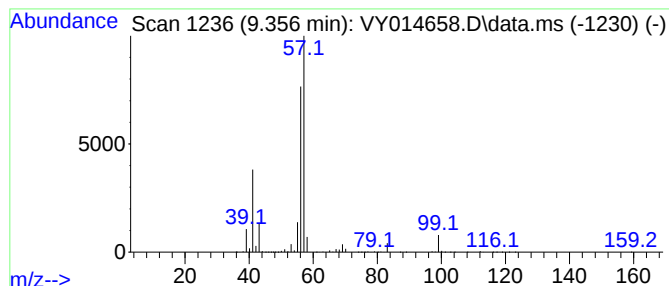
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.356	314.10 ug/l	48926400	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	78
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3			Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	72
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5			Pentane, 3-methyl-	86	C6H14	000096-14-0	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

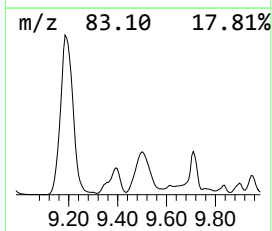
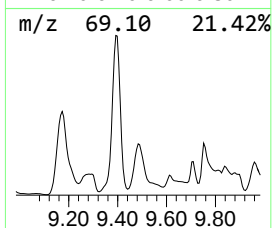
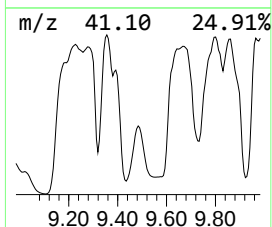
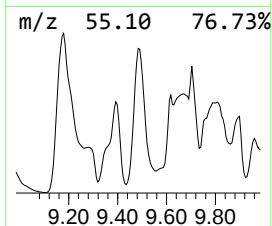
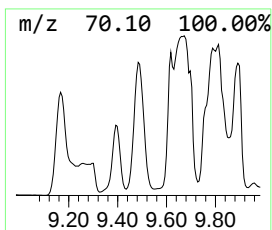
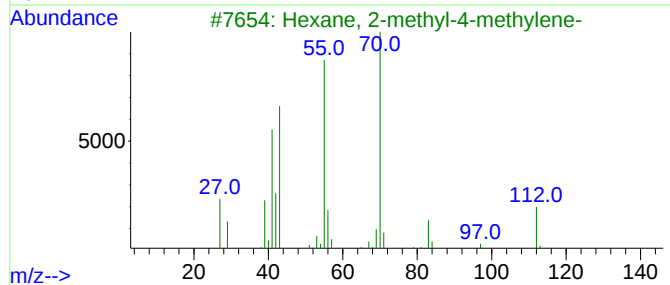
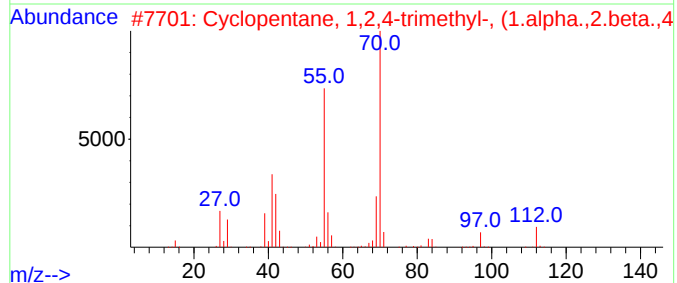
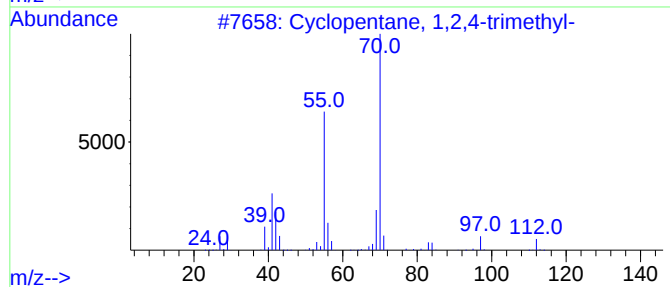
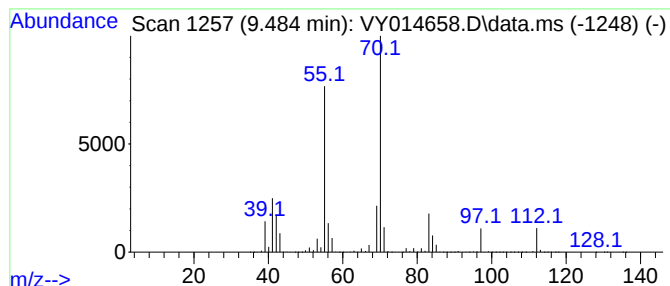
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	314.80 ug/l	49035300	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	83
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

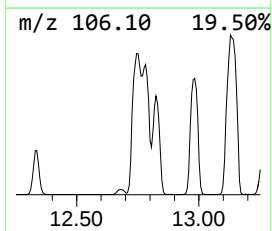
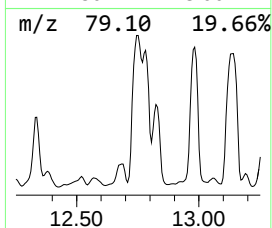
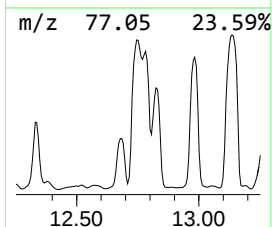
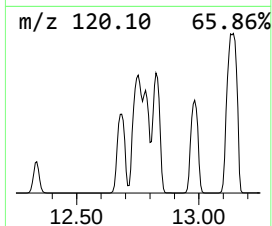
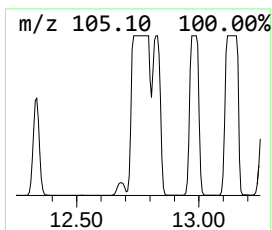
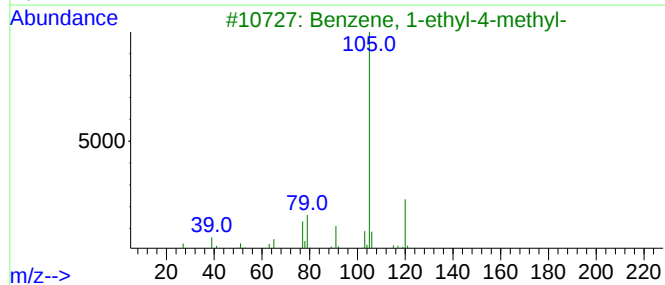
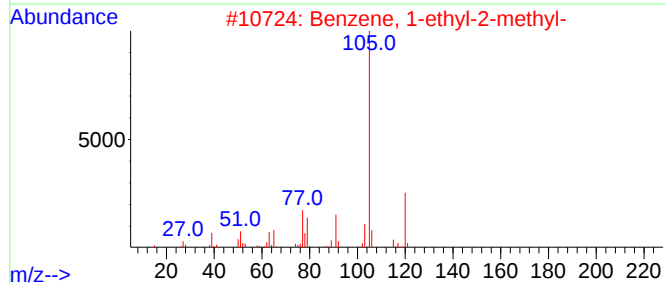
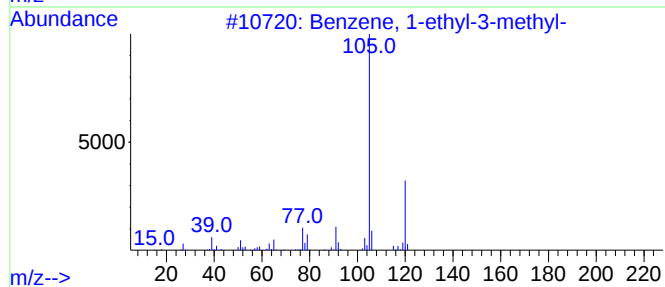
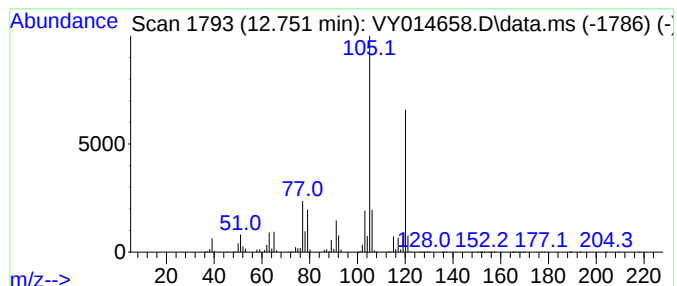
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	417.44 ug/l	81571500	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	74
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72
5			1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

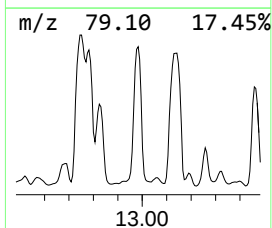
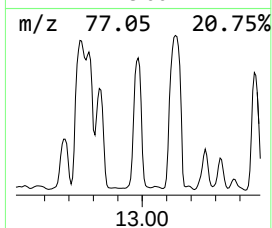
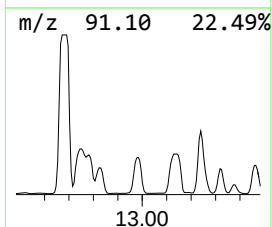
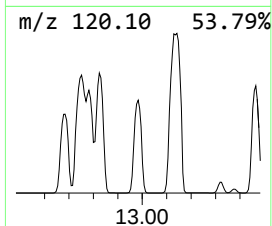
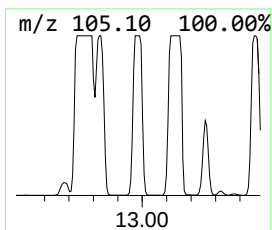
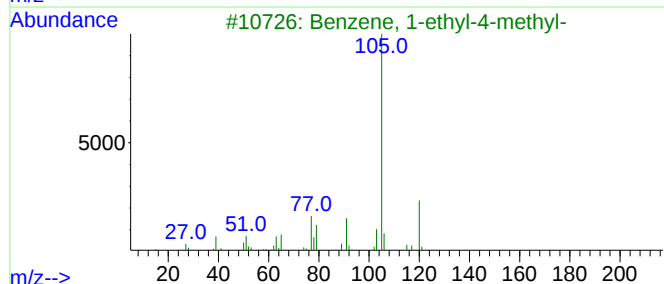
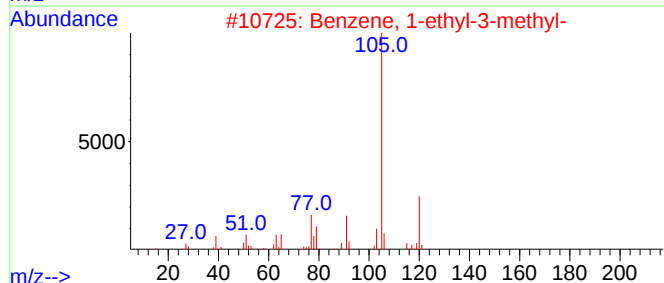
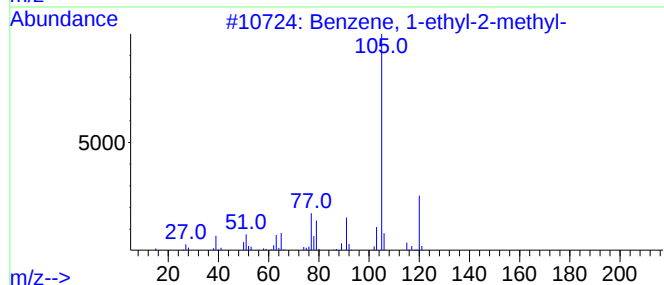
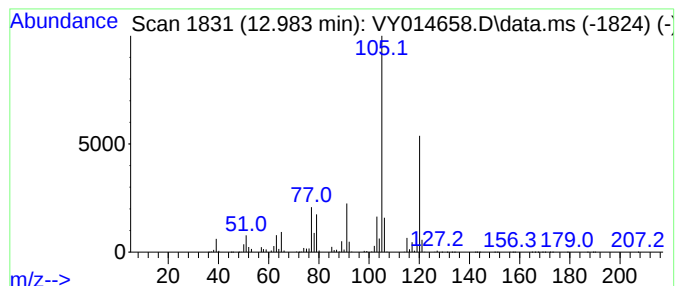
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	379.64 ug/l	74185900	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4			Mesitylene	120	C9H12	000108-67-8	86
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

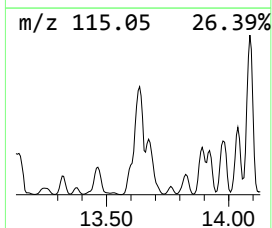
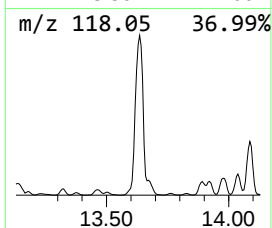
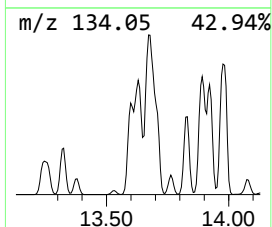
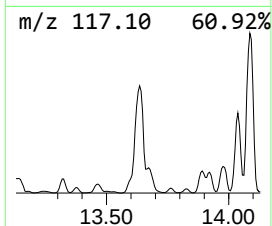
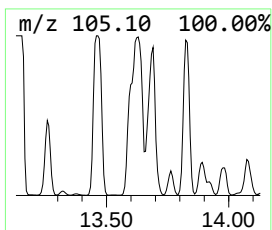
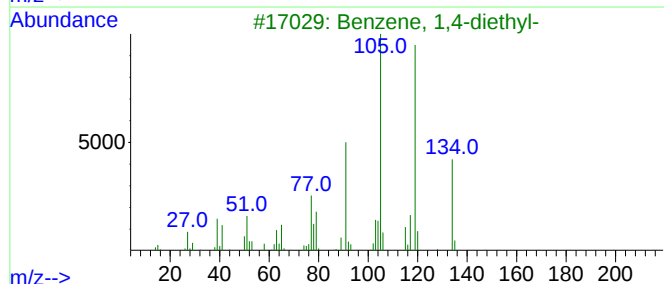
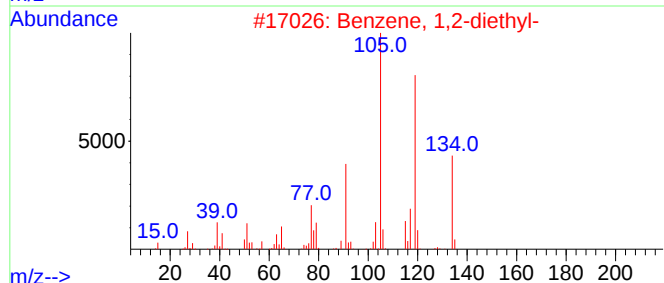
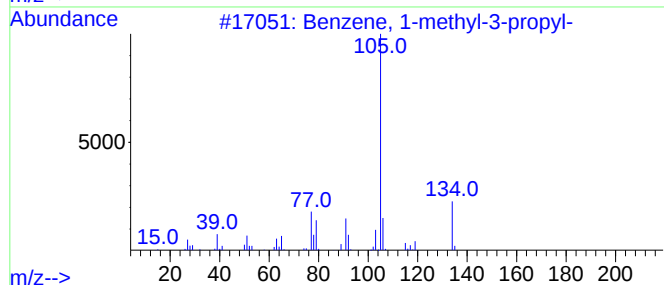
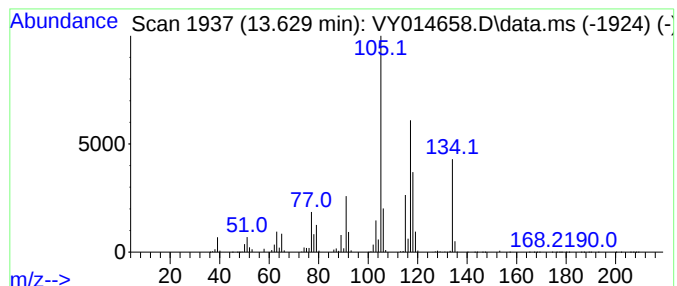
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	698.45 ug/l	136484000	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	45
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	43
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	43
5			Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

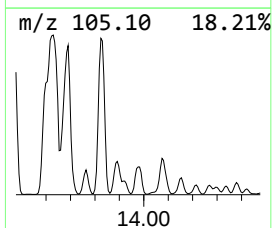
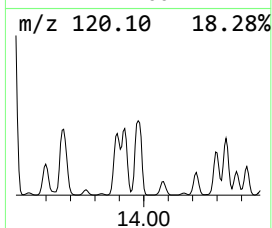
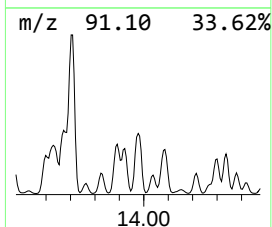
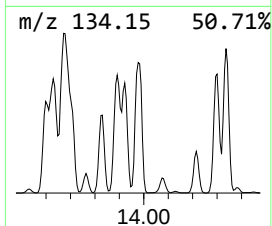
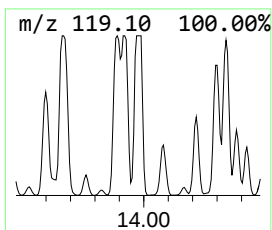
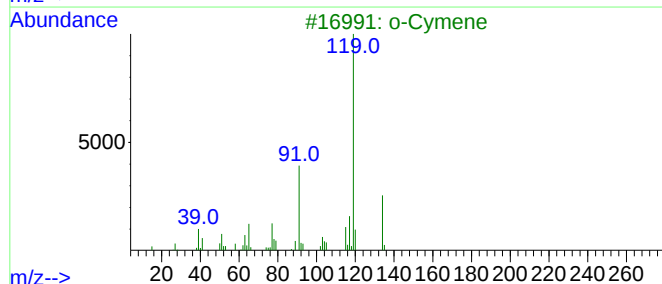
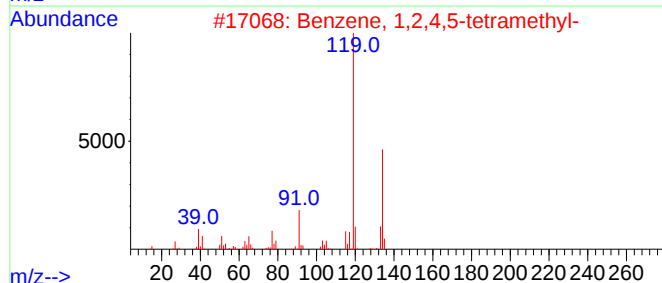
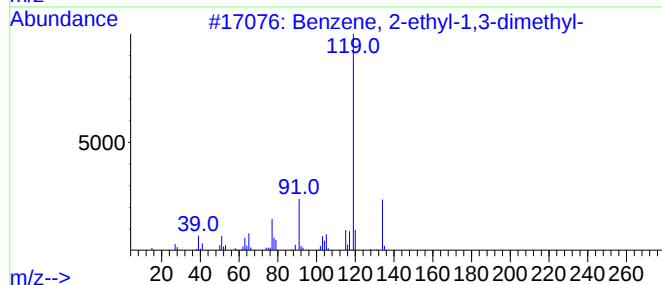
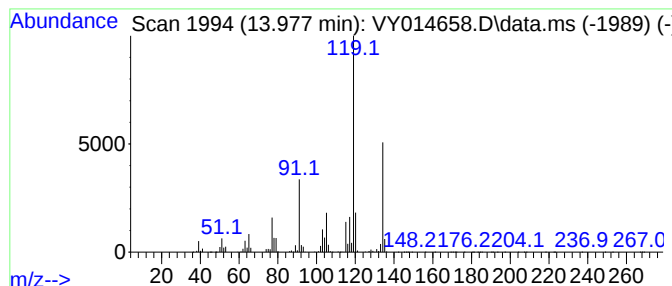
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	310.28 ug/l	60632400	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			o-Cymene	134	C10H14	000527-84-4	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
Acq On : 14 Jul 2023 19:26
Operator : SY/MD
Sample : 03632-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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
Cyclopentane, 1...	8.319	668.9	ug/l	104187000	2	8.697	7788320	50.0
Cyclopentane, 1...	8.472	361.0	ug/l	56227400	2	8.697	7788320	50.0
Heptane	8.563	320.2	ug/l	49872400	2	8.697	7788320	50.0
3,5-Dimethylcyc...	8.984	384.0	ug/l	59813300	2	8.697	7788320	50.0
Pentane, 2,2,3-...	9.356	314.1	ug/l	48926400	2	8.697	7788320	50.0
Cyclopentane, 1...	9.484	314.8	ug/l	49035300	2	8.697	7788320	50.0
Benzene, 1-ethy...	12.751	417.4	ug/l	81571500	4	13.434	9770500	50.0
Benzene, 1-ethy...	12.983	379.6	ug/l	74185900	4	13.434	9770500	50.0
Benzene, 1-meth...	13.629	698.5	ug/l	136484000	4	13.434	9770500	50.0
Benzene, 2-ethy...	13.977	310.3	ug/l	60632400	4	13.434	9770500	50.0