

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006078.D
 Acq On : 17 Sep 2021 18:19
 Operator : SY/MD
 Sample : M3800-01
 Misc : 3.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-1

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\82Y091421S.M
 Title : SW846 8260

Signal : TIC: VY006078.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	88	93	103	rVB	27497	50532	1.22%	0.068%
2	3.954	340	350	364	rBV2	41054	115945	2.80%	0.155%
3	4.728	464	477	486	rBV4	16190	55075	1.33%	0.074%
4	6.996	838	849	862	rBV	19154	55815	1.35%	0.075%
5	7.728	958	969	974	rBV	94742	230548	5.56%	0.309%
6	7.795	974	980	989	rVB	155587	349322	8.43%	0.468%
7	8.149	1028	1038	1050	rVB	108941	249998	6.03%	0.335%
8	8.691	1119	1127	1139	rVB	258361	507864	12.25%	0.681%
9	9.185	1195	1208	1215	rBV	72421	167668	4.05%	0.225%
10	9.959	1324	1335	1338	rBV2	15187	43429	1.05%	0.058%
11	10.179	1364	1371	1385	rVB	526007	1010694	24.39%	1.355%
12	10.349	1394	1399	1409	rVB5	35932	103499	2.50%	0.139%
13	10.484	1411	1421	1423	rBV3	23650	46867	1.13%	0.063%
14	10.520	1423	1427	1434	rVB	98829	169830	4.10%	0.228%
15	10.618	1434	1443	1448	rBV4	59654	133793	3.23%	0.179%
16	10.715	1454	1459	1464	rVB	59007	95089	2.29%	0.128%
17	10.801	1464	1473	1479	rBV	168873	289833	6.99%	0.389%
18	10.904	1479	1490	1498	rBV	121618	334635	8.07%	0.449%
19	10.977	1498	1502	1504	rVV	68920	103470	2.50%	0.139%
20	11.038	1504	1512	1516	rVV	326743	571164	13.78%	0.766%
21	11.093	1516	1521	1526	rVV	664125	1125734	27.16%	1.509%
22	11.148	1526	1530	1534	rVB	94374	132786	3.20%	0.178%
23	11.203	1534	1539	1543	rBV2	175966	312282	7.54%	0.419%
24	11.246	1543	1546	1550	rVV	83411	112002	2.70%	0.150%
25	11.294	1550	1554	1563	rVB	384264	690167	16.65%	0.925%
26	11.374	1563	1567	1571	rBV	97666	159657	3.85%	0.214%
27	11.416	1571	1574	1580	rVB3	29710	42018	1.01%	0.056%
28	11.489	1580	1586	1591	rBV	449154	741287	17.89%	0.994%
29	11.581	1596	1601	1604	rBV2	52988	93789	2.26%	0.126%
30	11.630	1604	1609	1612	rBV	226105	344552	8.31%	0.462%
31	11.678	1612	1617	1622	rBV3	276195	517200	12.48%	0.694%
32	11.739	1622	1627	1631	rBV	821452	1448107	34.94%	1.942%
33	11.782	1631	1634	1639	rVB	529087	800054	19.31%	1.073%
34	11.843	1639	1644	1647	rBV2	112278	208127	5.02%	0.279%
35	11.898	1647	1653	1656	rBV3	120580	221320	5.34%	0.297%
36	11.934	1656	1659	1663	rVB2	121265	174667	4.21%	0.234%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006078.D
 Acq On : 17 Sep 2021 18:19
 Operator : SY/MD
 Sample : M3800-01
 Misc : 3.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-1

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\82Y091421S.M
 Title : SW846 8260

37	12.002	1663	1670	1677	rBV4	1034740	2541033	61.32%	3.407%
38	12.056	1677	1679	1682	rVB	96558	101296	2.44%	0.136%
39	12.093	1682	1685	1686	rBV	121472	137882	3.33%	0.185%
40	12.123	1686	1690	1694	rVB	964273	1308790	31.58%	1.755%
41	12.166	1694	1697	1698	rBV2	223104	249561	6.02%	0.335%
42	12.203	1698	1703	1706	rBV2	863056	1442082	34.80%	1.934%
43	12.245	1706	1710	1715	rVB4	1105479	2103250	50.75%	2.820%
44	12.373	1726	1731	1737	rVB5	501276	1095144	26.43%	1.468%
45	12.428	1737	1740	1743	rVB2	161515	219144	5.29%	0.294%
46	12.483	1743	1749	1755	rVB5	647807	1233828	29.77%	1.654%
47	12.569	1755	1763	1767	rBV5	488442	1424545	34.37%	1.910%
48	12.648	1768	1776	1782	rVB2	1583268	3355867	80.98%	4.500%
49	12.727	1782	1789	1793	rBV3	656109	1577014	38.05%	2.115%
50	12.812	1793	1803	1808	rVV4	1570790	4144163	100.00%	5.557%
51	12.861	1808	1811	1815	rVB4	799720	1117613	26.97%	1.499%
52	12.916	1815	1820	1823	rBV	1912253	2999108	72.37%	4.021%
53	12.953	1823	1826	1830	rVB2	725461	920868	22.22%	1.235%
54	12.995	1830	1833	1834	rBV	296139	371234	8.96%	0.498%
55	13.038	1837	1840	1848	rVB3	911642	1738711	41.96%	2.331%
56	13.172	1858	1862	1867	rBV3	462376	787653	19.01%	1.056%
57	13.221	1867	1870	1872	rBV	319572	398729	9.62%	0.535%
58	13.294	1878	1882	1884	rBV2	515991	769394	18.57%	1.032%
59	13.355	1889	1892	1898	rVB5	499191	728390	17.58%	0.977%
60	13.422	1898	1903	1908	rBV3	350912	749611	18.09%	1.005%
61	13.568	1922	1927	1931	rVB3	652333	930452	22.45%	1.248%
62	13.745	1951	1956	1961	rBV2	2351431	4087074	98.62%	5.480%
63	13.794	1961	1964	1968	rVB2	533863	687501	16.59%	0.922%
64	13.855	1971	1974	1981	rVB6	489344	865129	20.88%	1.160%
65	13.934	1983	1987	1990	rBV3	417501	751408	18.13%	1.008%
66	14.074	2005	2010	2015	rBV5	516139	901284	21.75%	1.209%
67	14.147	2016	2022	2027	rBV5	594238	1130786	27.29%	1.516%
68	14.196	2027	2030	2035	rVB5	377911	512558	12.37%	0.687%
69	14.257	2035	2040	2045	rBV3	1681571	3311197	79.90%	4.440%
70	14.373	2056	2059	2063	rBV4	206739	337392	8.14%	0.452%
71	14.422	2063	2067	2071	rBV3	1182885	1770443	42.72%	2.374%
72	14.550	2085	2088	2091	rVB2	151491	165246	3.99%	0.222%
73	14.617	2095	2099	2103	rBV3	402694	658246	15.88%	0.883%
74	14.678	2104	2109	2114	rVB2	978722	1827677	44.10%	2.451%
75	14.733	2114	2118	2124	rVB3	952530	1663568	40.14%	2.231%
76	14.806	2125	2130	2133	rBV5	311764	662173	15.98%	0.888%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006078.D
 Acq On : 17 Sep 2021 18:19
 Operator : SY/MD
 Sample : M3800-01
 Misc : 3.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-1

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\82Y091421S.M

Title : SW846 8260

77	14.946	2149	2153	2156	rVB2	616082	909967	21.96%	1.220%
78	15.007	2156	2163	2166	rBV3	330450	772573	18.64%	1.036%
79	15.056	2166	2171	2175	rVV3	468940	942219	22.74%	1.263%
80	15.123	2179	2182	2191	rVB5	401878	1031113	24.88%	1.383%
81	15.214	2192	2197	2202	rVB	1294422	1948346	47.01%	2.612%
82	15.288	2203	2209	2213	rBV5	405153	856663	20.67%	1.149%
83	15.458	2231	2237	2242	rVB6	169333	407690	9.84%	0.547%
84	15.605	2256	2261	2266	rVB5	416232	694218	16.75%	0.931%
85	15.733	2278	2282	2287	rVB	334871	528719	12.76%	0.709%
86	16.031	2325	2331	2337	rBV2	395476	795508	19.20%	1.067%
87	16.159	2347	2352	2357	rVB	449484	769368	18.57%	1.032%
88	16.226	2359	2363	2370	rVB2	287622	562135	13.56%	0.754%
89	16.482	2399	2405	2420	rVB8	202527	773717	18.67%	1.037%

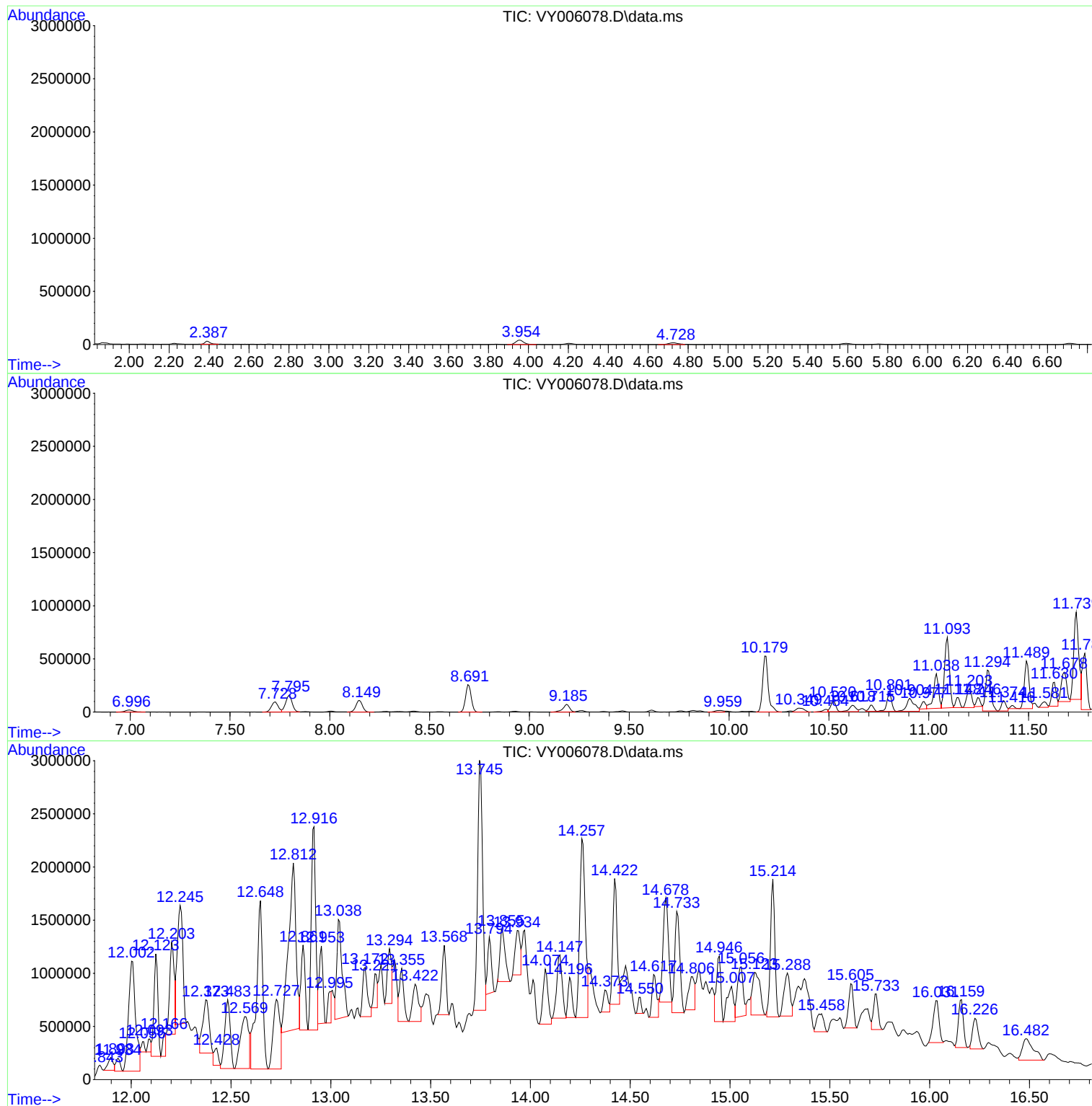
Sum of corrected areas: 74578099

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

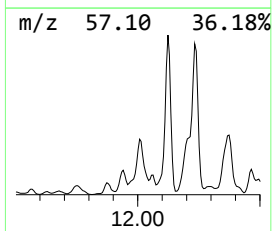
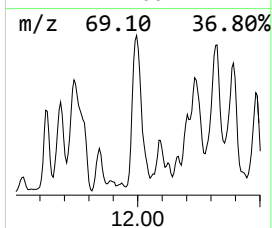
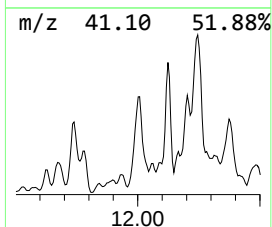
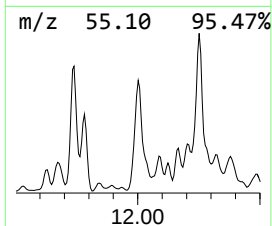
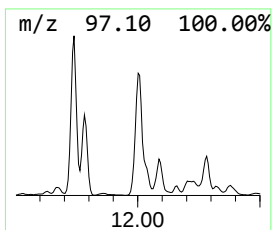
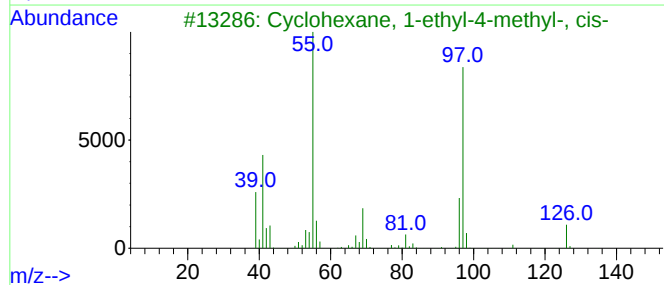
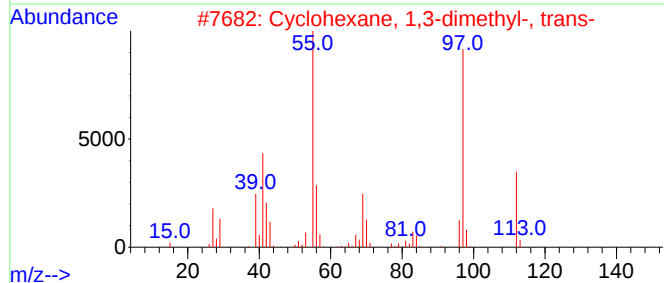
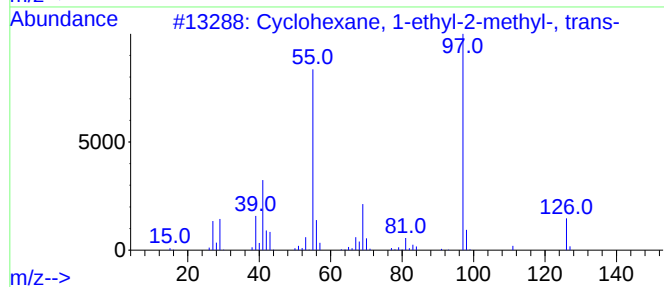
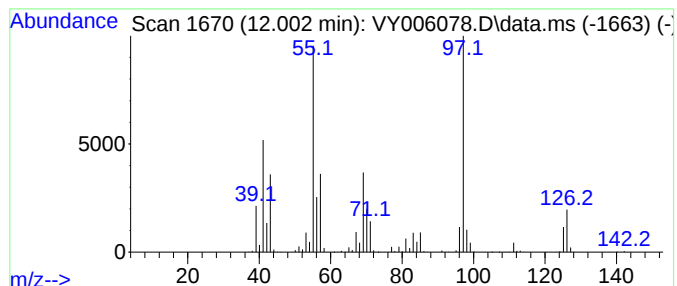
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.002	171.39 ug/l	2541030	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	70
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	62
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

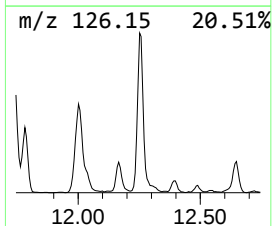
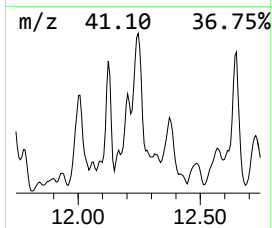
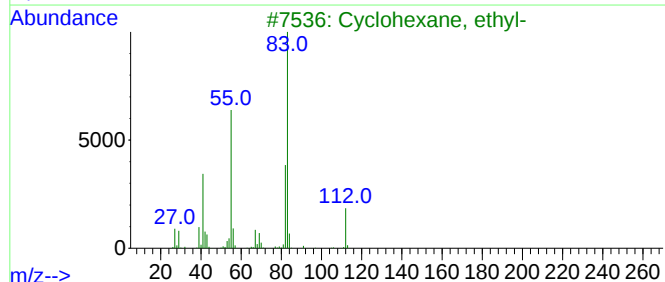
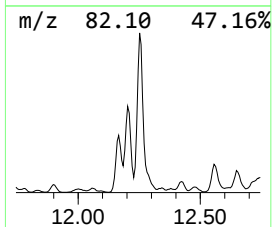
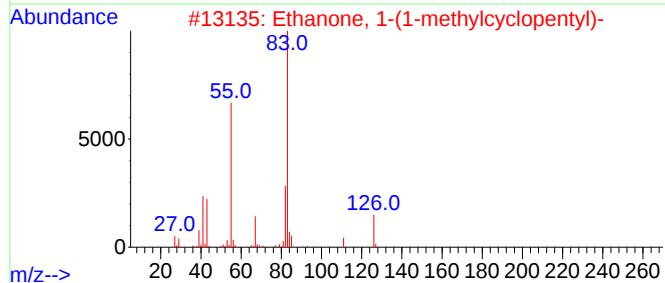
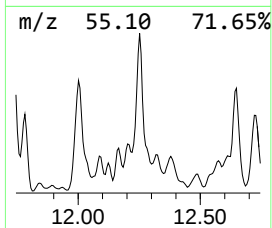
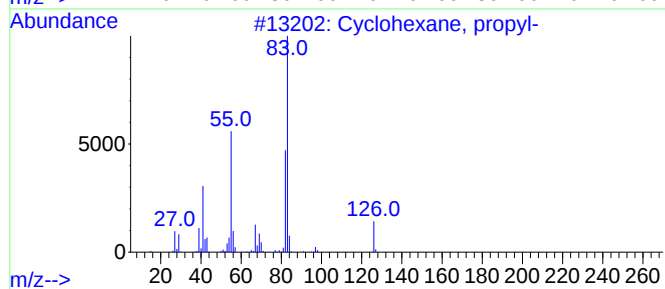
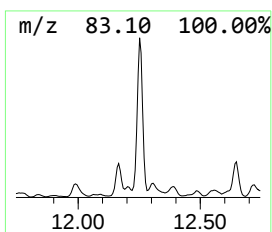
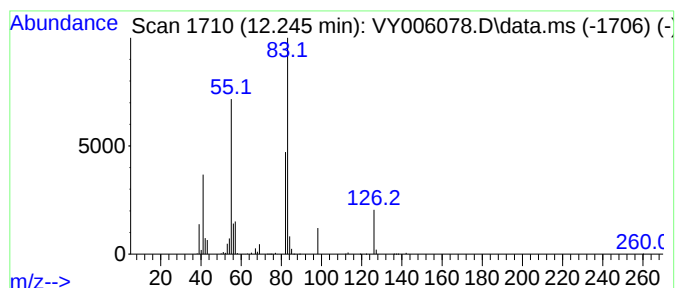
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	141.87 ug/l	2103250	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	64
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

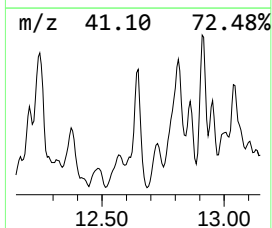
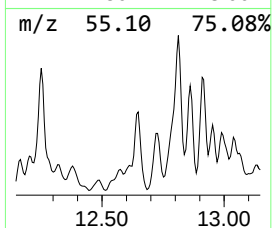
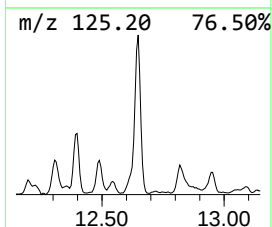
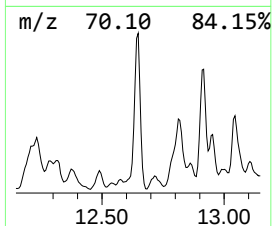
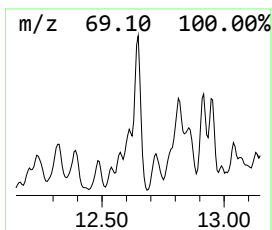
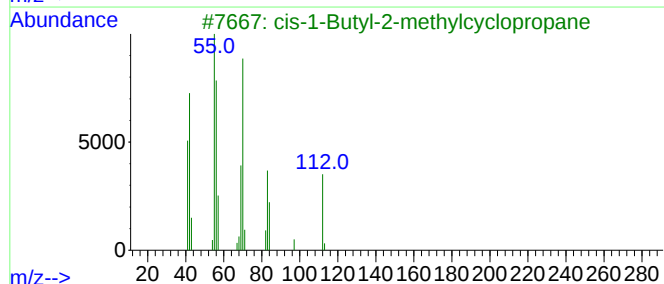
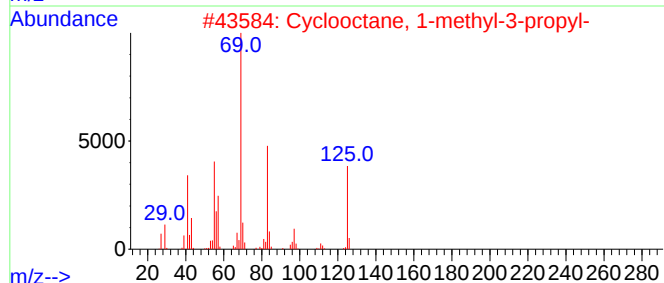
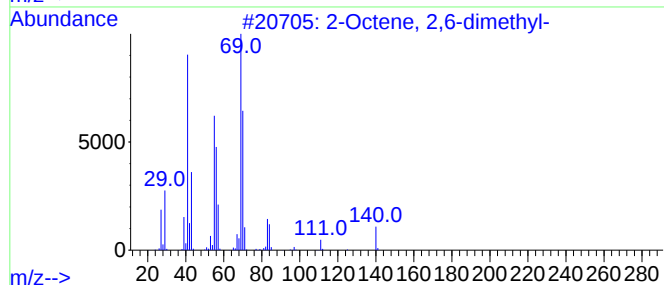
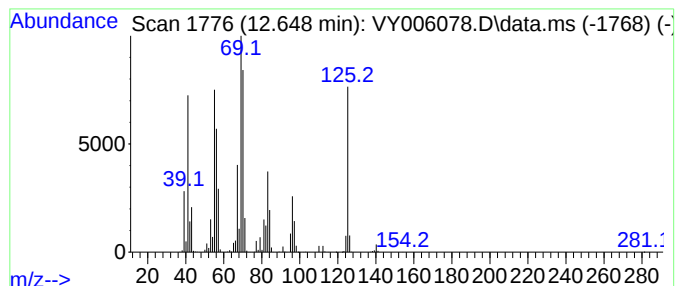
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	223.84 ug/l	3355870	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
2			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
3			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
4			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
5			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

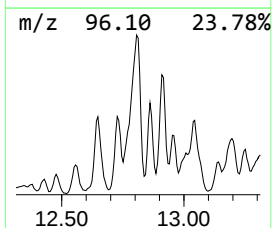
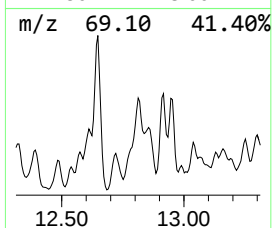
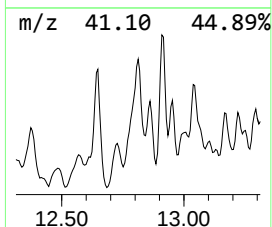
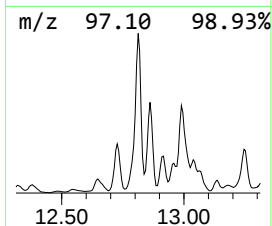
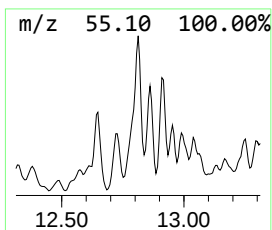
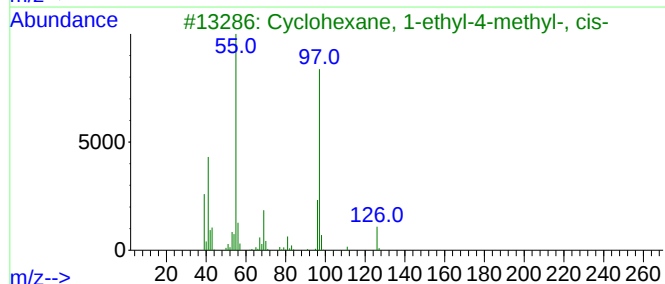
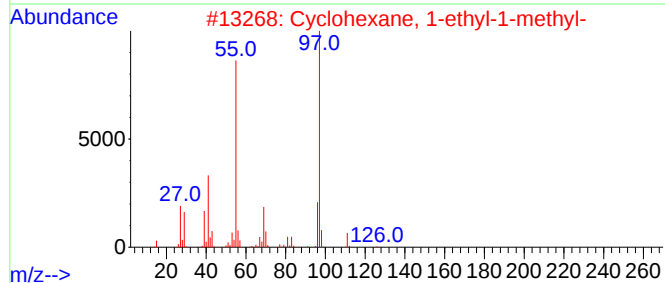
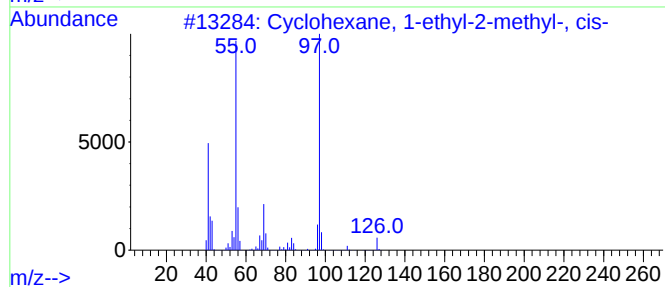
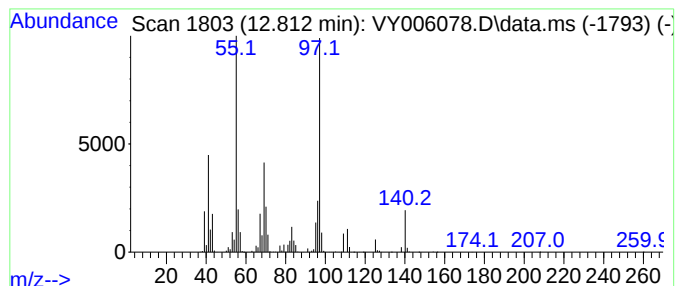
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	276.42 ug/l	4144160	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	52
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	50
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

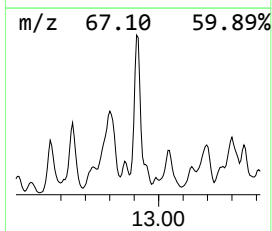
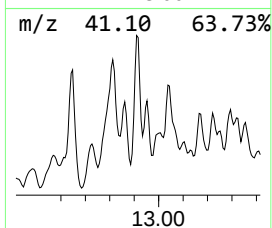
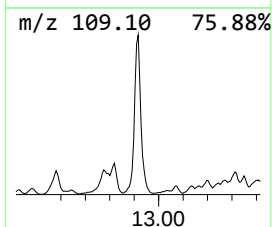
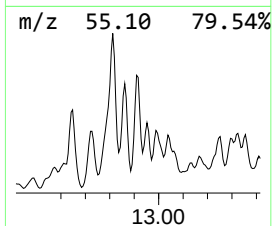
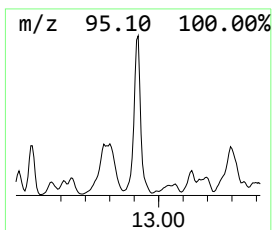
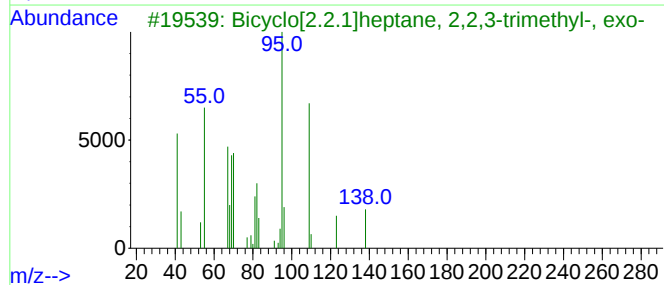
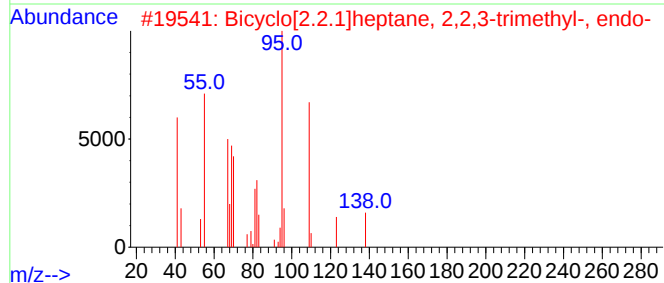
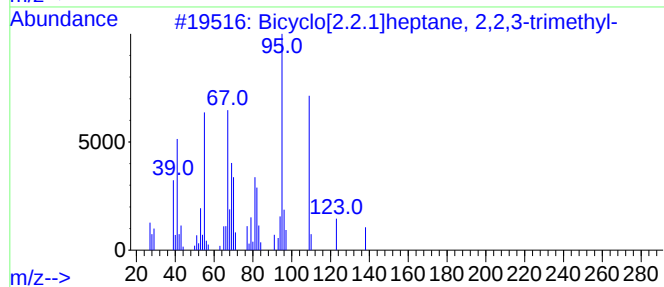
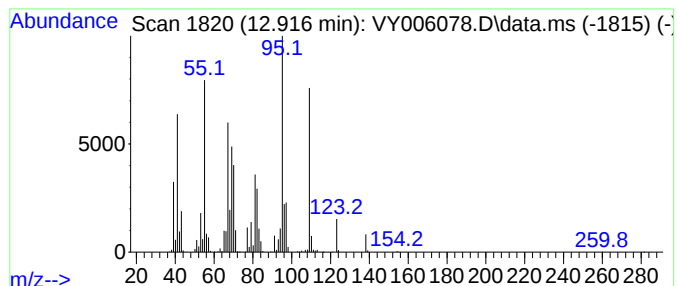
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	200.04 ug/l	2999110	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	92
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	91
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	72
4			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55
5			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

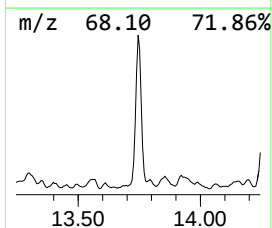
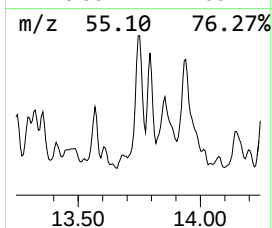
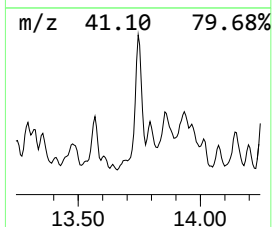
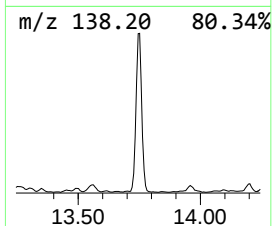
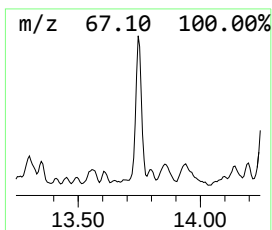
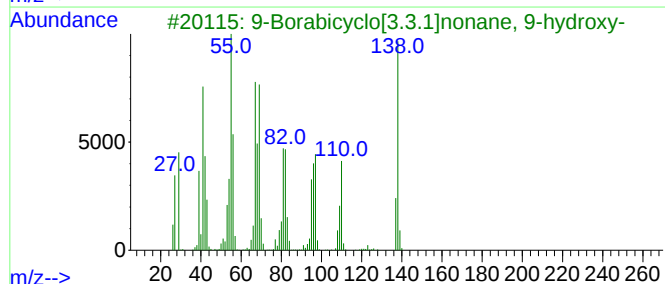
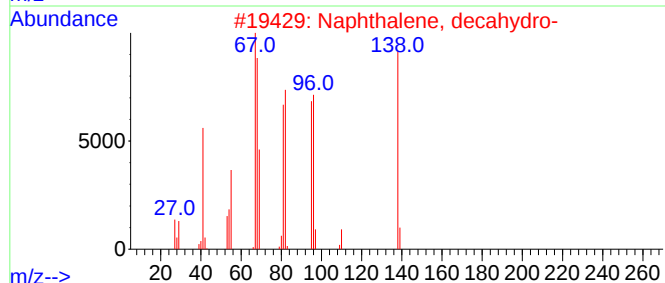
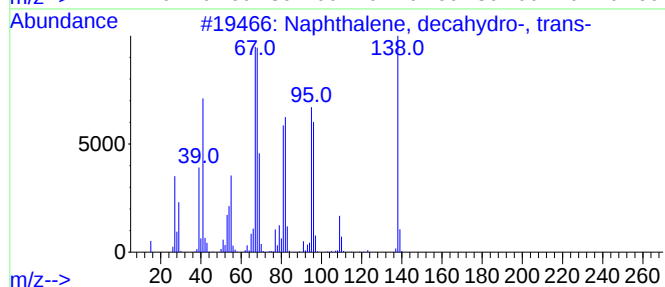
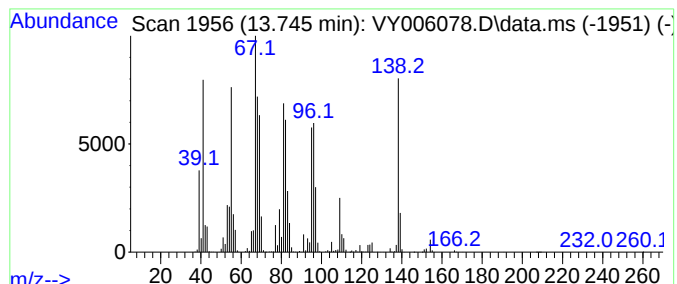
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	272.61 ug/l	4087070	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3			9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	86
4			Cyclodecene	138	C10H18	003618-12-0	83
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

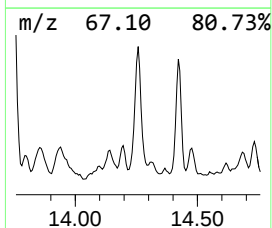
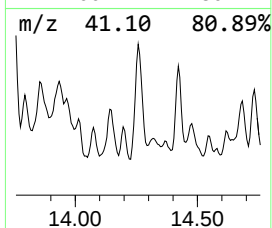
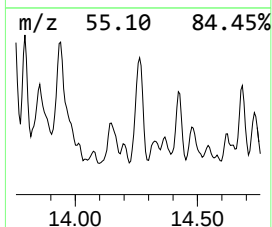
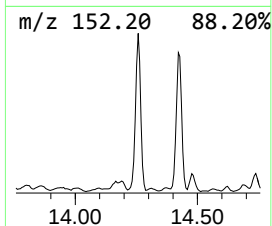
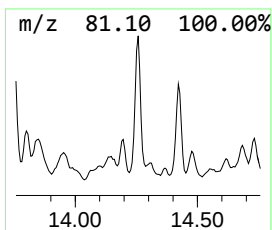
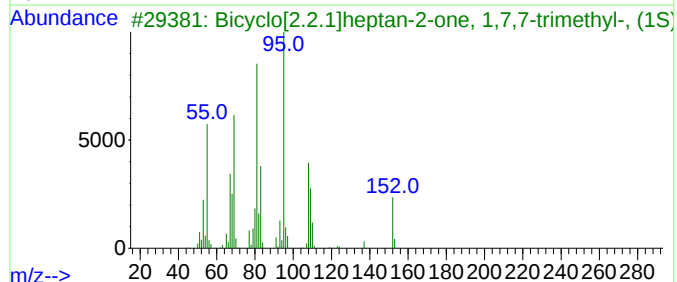
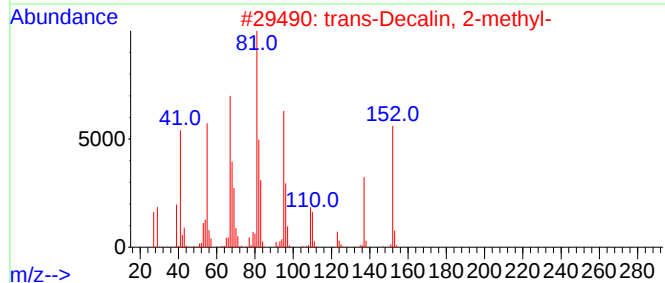
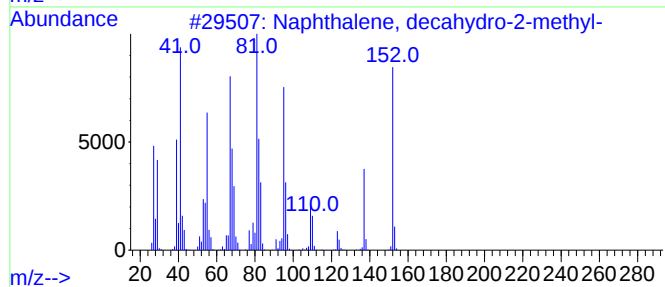
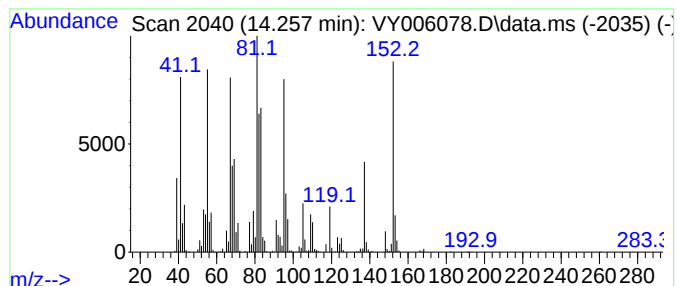
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	220.86 ug/l	3311200	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
4			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	76
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

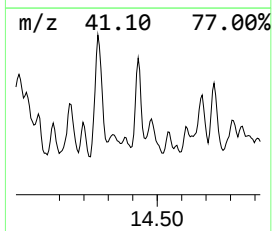
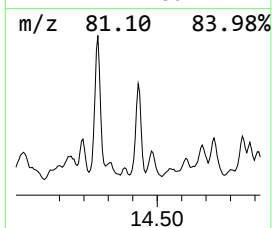
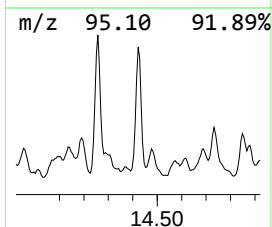
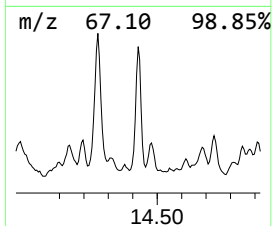
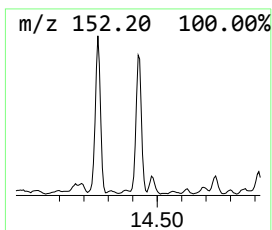
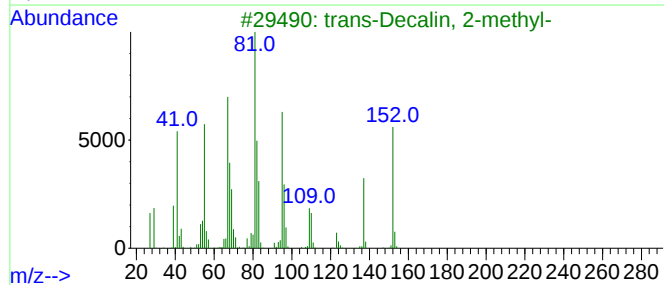
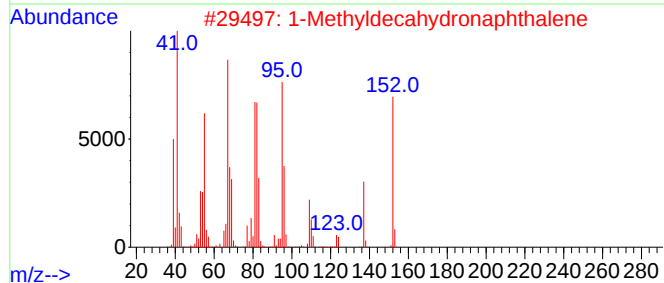
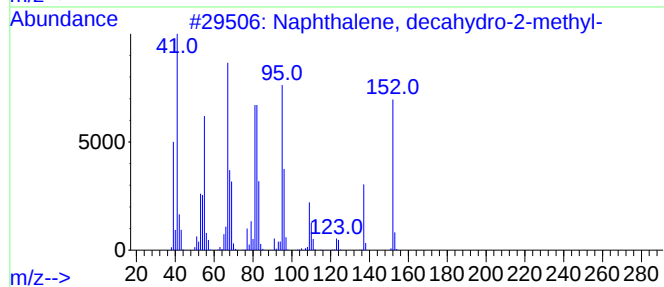
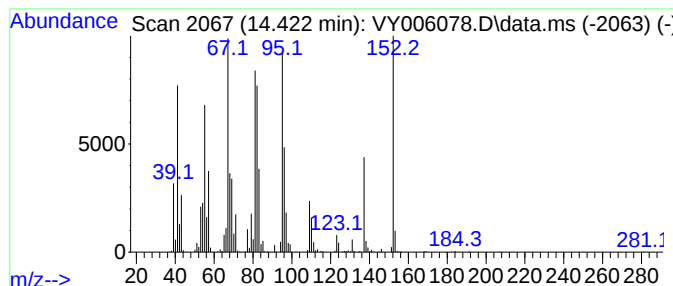
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 8 1-Methyldecahydronaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	118.09 ug/l	1770440	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

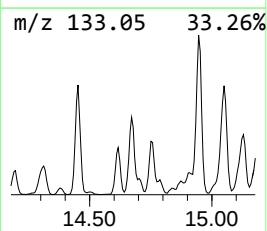
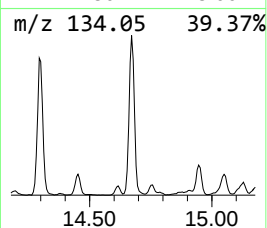
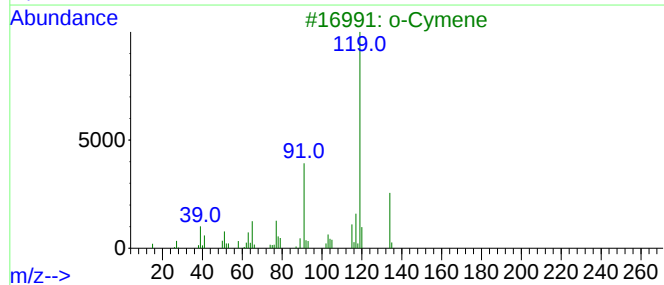
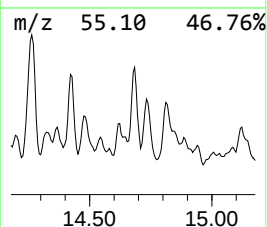
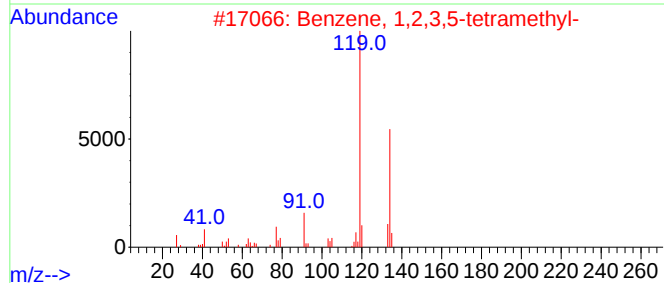
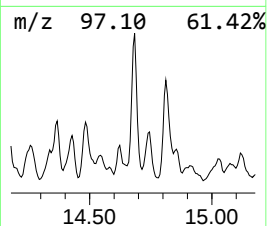
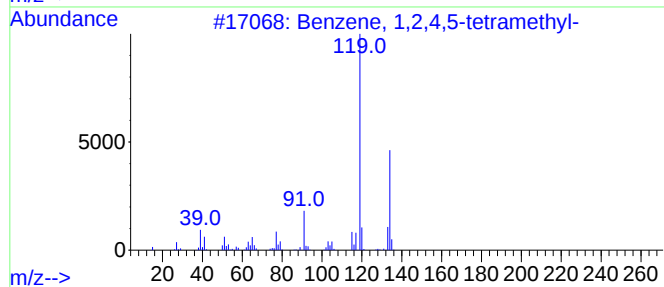
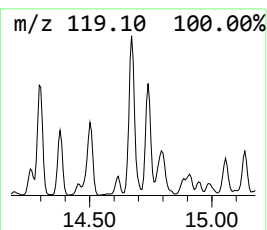
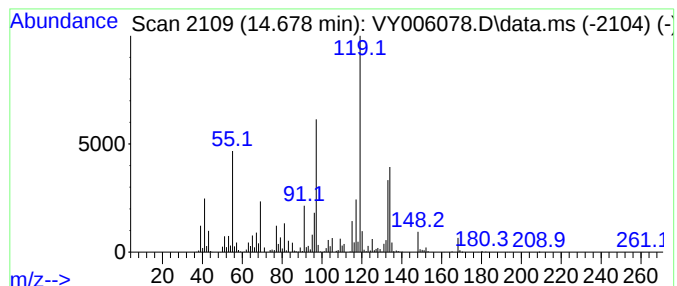
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	121.91 ug/l	1827680	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	90
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3			o-Cymene	134	C10H14	000527-84-4	60
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	60
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

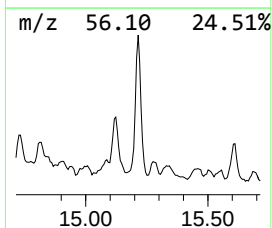
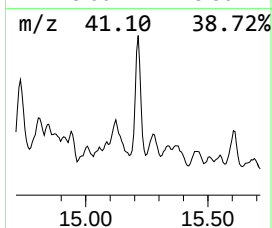
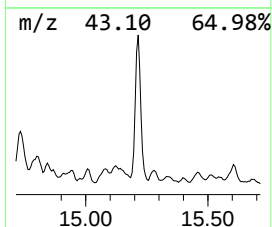
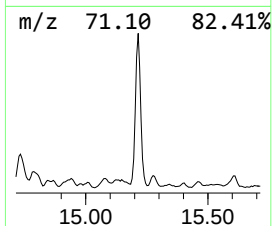
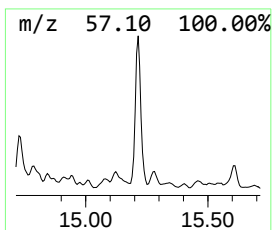
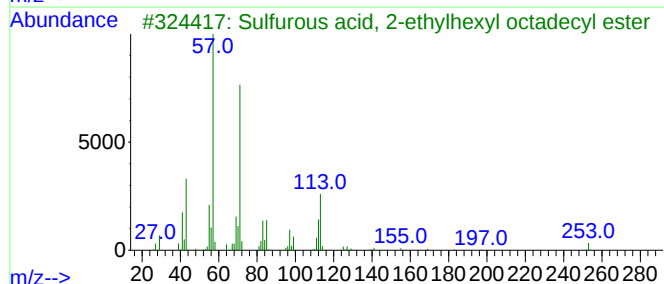
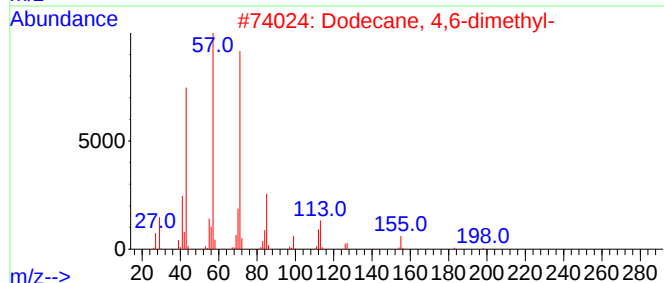
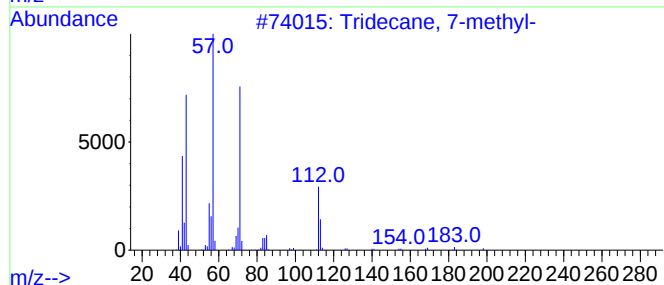
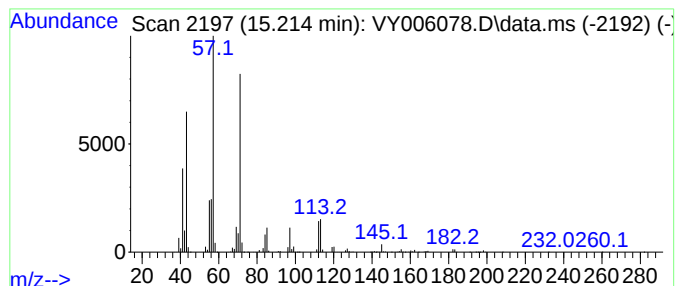
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 10 Tridecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	129.96 ug/l	1948350	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006078.D
Acq On : 17 Sep 2021 18:19
Operator : SY/MD
Sample : M3800-01
Misc : 3.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-...	12.002	171.4	ug/l	2541030	3	11.489	741287	50.0
Cyclohexane, pr...	12.245	141.9	ug/l	2103250	3	11.489	741287	50.0
2-Octene, 2,6-d...	12.648	223.8	ug/l	3355870	4	13.428	749611	50.0
Cyclohexane, 1-...	12.812	276.4	ug/l	4144160	4	13.428	749611	50.0
Bicyclo[2.2.1]h...	12.916	200.0	ug/l	2999110	4	13.428	749611	50.0
Naphthalene, de...	13.745	272.6	ug/l	4087070	4	13.428	749611	50.0
Naphthalene, de...	14.257	220.9	ug/l	3311200	4	13.428	749611	50.0
1-Methyldecahyd...	14.422	118.1	ug/l	1770440	4	13.428	749611	50.0
Benzene, 1,2,4,...	14.678	121.9	ug/l	1827680	4	13.428	749611	50.0
Tridecane, 7-me...	15.214	130.0	ug/l	1948350	4	13.428	749611	50.0