

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004663.D
 Acq On : 29 Apr 2021 16:49
 Operator : SY/MD
 Sample : M2196-03
 Misc : 7.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WALL-D-4075-A

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\82Y041221S.M
 Title : SW846 8260

Signal : TIC: VY004663.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.552	112	120	124	rBV5	9766	29233	1.86%	0.302%
2	3.954	339	350	361	rBV2	15582	43459	2.77%	0.449%
3	4.728	465	477	494	rBV2	17436	60783	3.87%	0.628%
4	7.728	959	969	974	rBV2	116485	275712	17.55%	2.847%
5	7.801	974	981	990	rVB	199125	453819	28.88%	4.686%
6	8.149	1029	1038	1050	rBV	133271	293966	18.71%	3.036%
7	8.697	1119	1128	1141	rVB	325374	628473	40.00%	6.490%
8	9.185	1197	1208	1214	rBV3	11845	26694	1.70%	0.276%
9	10.185	1364	1372	1388	rBV	545649	950711	60.50%	9.817%
10	10.520	1412	1427	1433	rBV2	14863	31090	1.98%	0.321%
11	10.618	1437	1443	1448	rBV4	9122	16177	1.03%	0.167%
12	10.904	1480	1490	1497	rBV3	7941	17843	1.14%	0.184%
13	11.038	1508	1512	1516	rVV3	15204	24740	1.57%	0.255%
14	11.093	1516	1521	1526	rVB	18585	30922	1.97%	0.319%
15	11.294	1549	1554	1564	rVB3	17625	37445	2.38%	0.387%
16	11.489	1579	1586	1596	rBV	490204	798809	50.84%	8.249%
17	11.684	1612	1618	1623	rBV4	14272	37543	2.39%	0.388%
18	11.739	1623	1627	1631	rVV	24777	42962	2.73%	0.444%
19	11.776	1631	1633	1639	rVB3	17128	26103	1.66%	0.270%
20	11.837	1639	1643	1647	rBV5	8901	16185	1.03%	0.167%
21	11.898	1647	1653	1656	rBV3	10040	16884	1.07%	0.174%
22	12.008	1663	1671	1677	rBV5	39830	103294	6.57%	1.067%
23	12.123	1686	1690	1694	rVB	25691	32776	2.09%	0.338%
24	12.203	1699	1703	1706	rVV3	40651	71790	4.57%	0.741%
25	12.239	1706	1709	1714	rVV5	36445	72504	4.61%	0.749%
26	12.325	1714	1723	1728	rVV10	13927	47717	3.04%	0.493%
27	12.379	1728	1732	1737	rVB7	11259	21489	1.37%	0.222%
28	12.489	1743	1750	1757	rBV2	906209	1571355	100.00%	16.226%
29	12.581	1757	1765	1772	rVV7	30308	95134	6.05%	0.982%
30	12.648	1772	1776	1783	rVB3	60423	111900	7.12%	1.155%
31	12.733	1783	1790	1794	rBV5	37521	95028	6.05%	0.981%
32	12.812	1796	1803	1808	rVV5	73949	190942	12.15%	1.972%
33	12.861	1808	1811	1816	rVB3	31953	53908	3.43%	0.557%
34	12.953	1821	1826	1829	rBV4	32710	46349	2.95%	0.479%
35	13.001	1829	1834	1837	rBV5	14985	32844	2.09%	0.339%
36	13.044	1837	1841	1850	rBV6	41419	71786	4.57%	0.741%

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37	13.123	1851	1854	1858	rVB4	19077	25931	1.65%	0.268%
38	13.166	1858	1861	1866	rBV3	31322	49998	3.18%	0.516%
39	13.300	1878	1883	1884	rBV4	35451	52082	3.31%	0.538%
40	13.318	1884	1886	1890	rVV2	57535	84019	5.35%	0.868%
41	13.355	1890	1892	1898	rVV5	31572	50775	3.23%	0.524%
42	13.428	1898	1904	1912	rVB	487513	777187	49.46%	8.025%
43	13.568	1923	1927	1930	rBV5	25914	36400	2.32%	0.376%
44	13.751	1950	1957	1962	rBV4	141336	265339	16.89%	2.740%
45	13.971	1990	1993	1999	rVB4	64681	95192	6.06%	0.983%
46	14.074	2006	2010	2015	rBV6	43424	71212	4.53%	0.735%
47	14.147	2016	2022	2027	rVB6	49777	103249	6.57%	1.066%
48	14.202	2027	2031	2035	rBV6	29636	51162	3.26%	0.528%
49	14.263	2035	2041	2055	rVV8	118479	312638	19.90%	3.228%
50	14.422	2063	2067	2071	rVB3	90273	120920	7.70%	1.249%
51	14.550	2085	2088	2091	rBV2	18287	24199	1.54%	0.250%
52	14.623	2096	2100	2103	rBV6	27210	46005	2.93%	0.475%
53	14.684	2106	2110	2114	rVV4	55980	110376	7.02%	1.140%
54	14.733	2115	2118	2124	rVB4	67602	109766	6.99%	1.133%
55	14.849	2134	2137	2140	rBV4	22094	28876	1.84%	0.298%
56	14.946	2150	2153	2156	rVB4	54895	72949	4.64%	0.753%
57	15.007	2157	2163	2166	rBV7	32821	68517	4.36%	0.708%
58	15.123	2179	2182	2191	rVB6	44483	122771	7.81%	1.268%
59	15.214	2193	2197	2203	rVB	95831	141745	9.02%	1.464%
60	15.287	2204	2209	2214	rBV8	40671	83085	5.29%	0.858%
61	15.446	2231	2235	2241	rBV9	21887	51765	3.29%	0.535%
62	15.611	2258	2262	2268	rVB4	55487	94566	6.02%	0.976%
63	16.159	2348	2352	2358	rVB	51060	88798	5.65%	0.917%
64	16.476	2400	2404	2410	rBV6	29549	66321	4.22%	0.685%

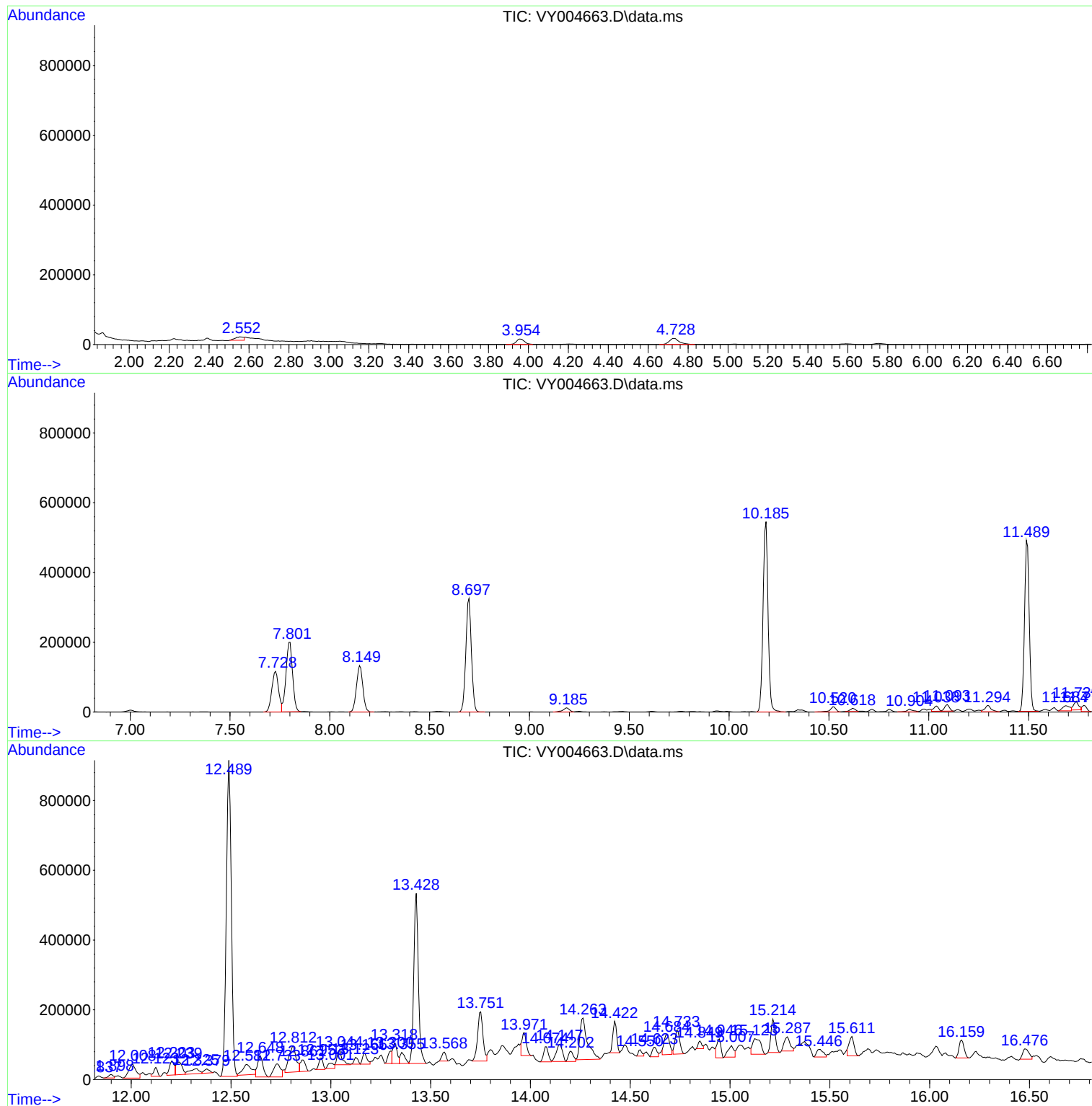
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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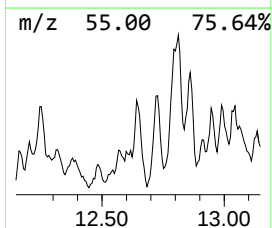
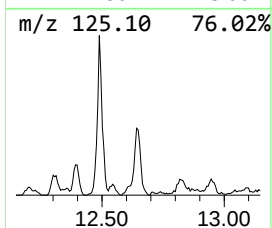
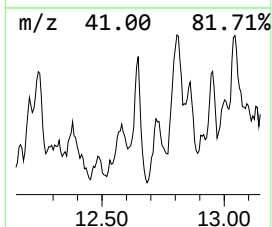
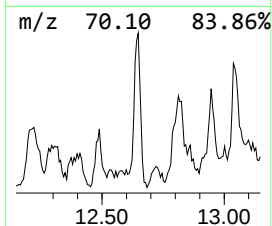
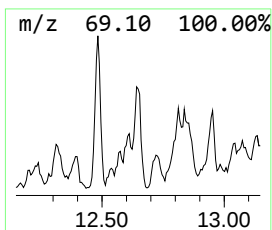
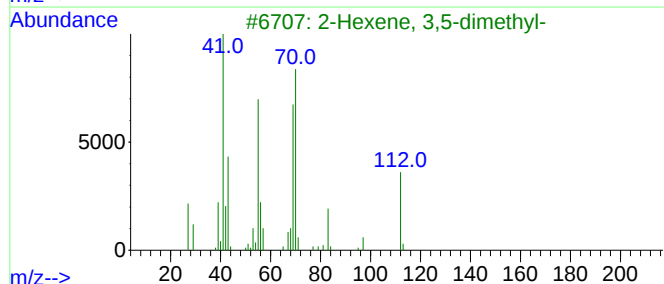
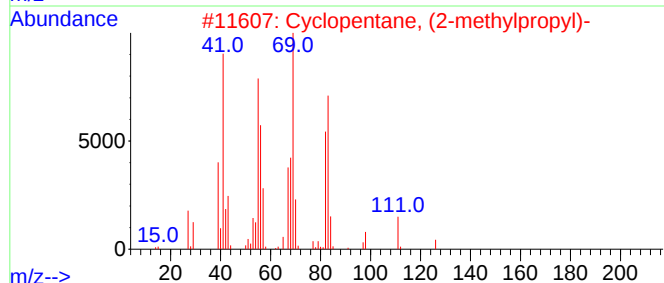
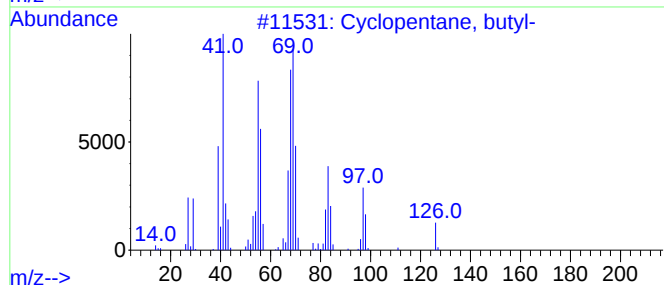
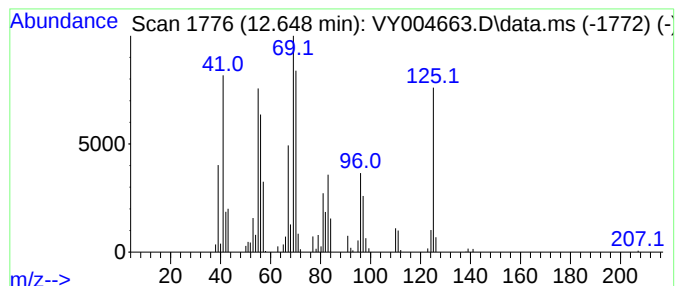
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclopentane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	7.20 ug/l	111900	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	50
2			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	41
3			2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	35
4			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	35
5			trans-3-Decene	140	C10H20	019150-21-1	35



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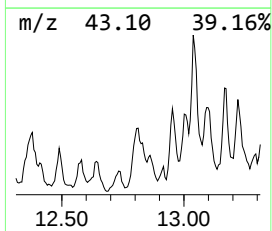
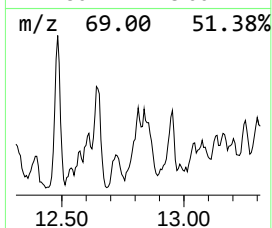
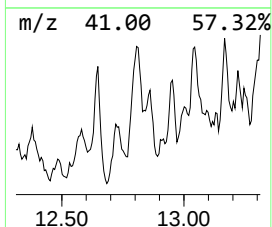
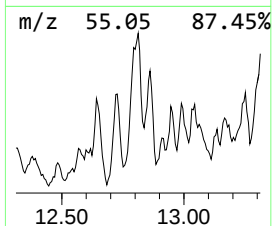
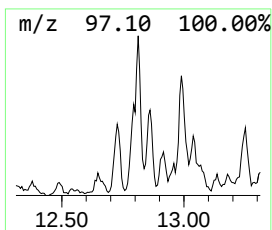
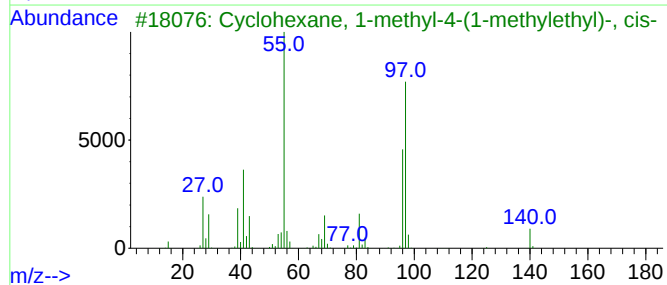
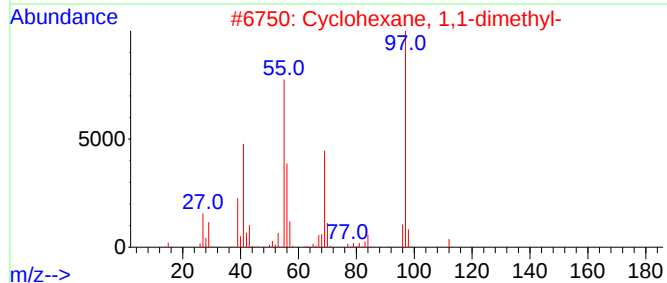
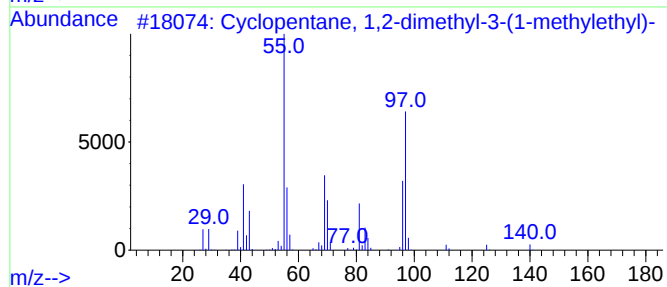
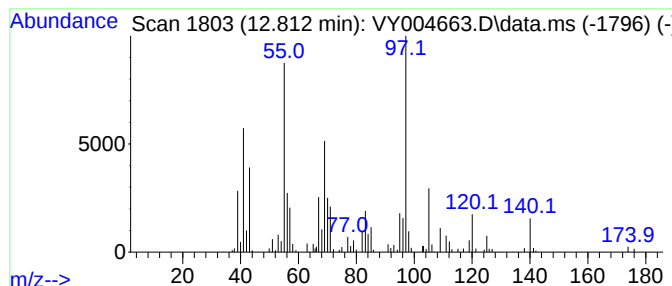
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.812 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	12.28 ug/l	190942	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-3-(1-methylethyl)-	140	C10H20	000489-20-3	49
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
3			Cyclohexane, 1-methyl-4-(1-methylethyl)-, cis-	140	C10H20	006069-98-3	43
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
5			2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	38



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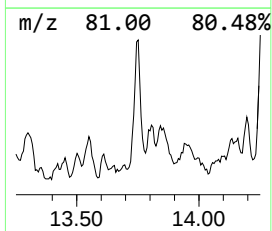
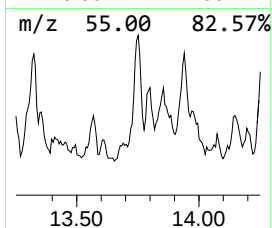
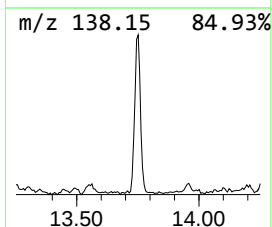
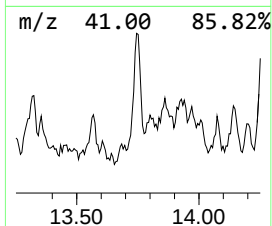
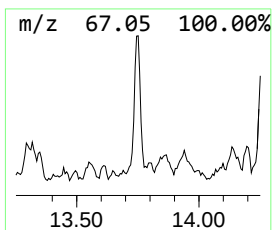
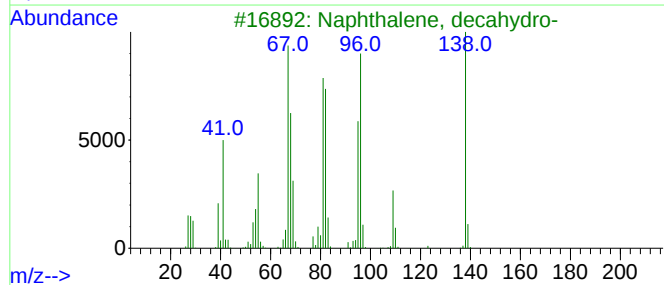
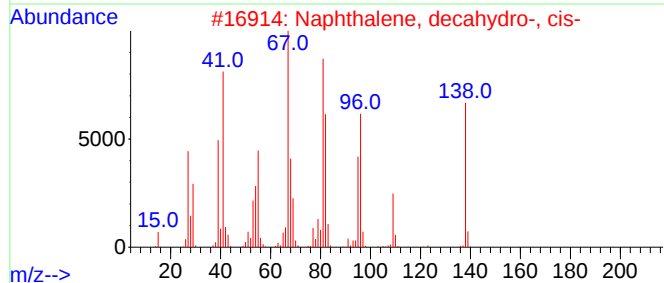
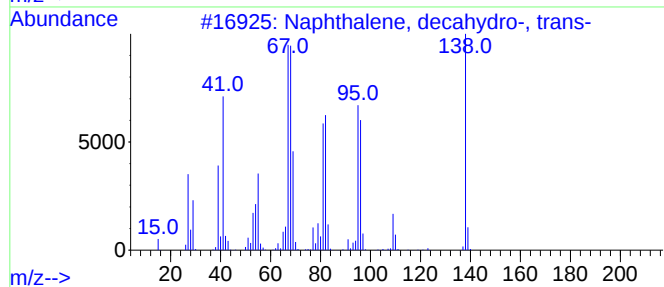
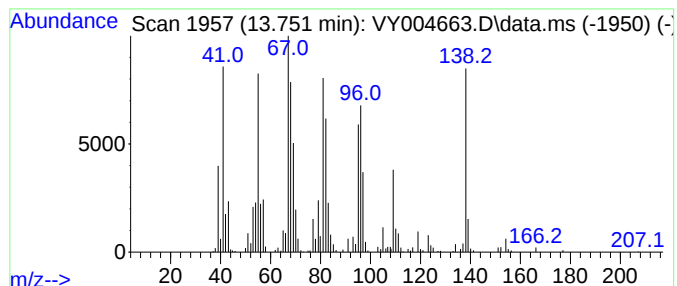
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	17.07 ug/l	265339	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
4			Spiro[4.5]decane	138	C10H18	000176-63-6	93
5			9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	74



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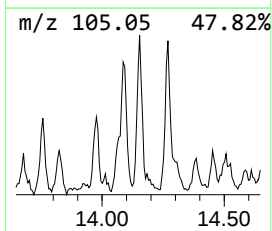
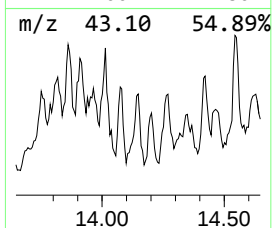
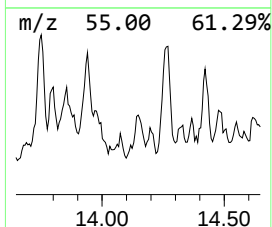
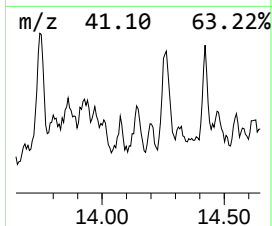
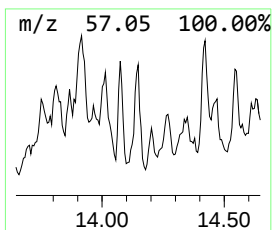
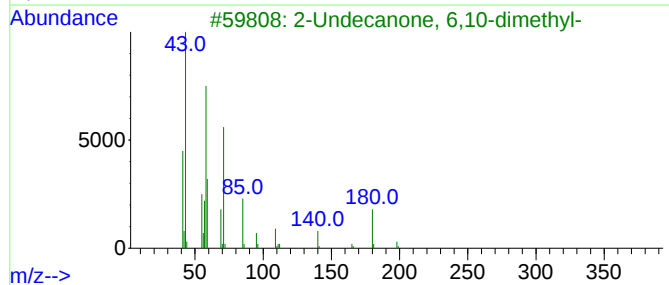
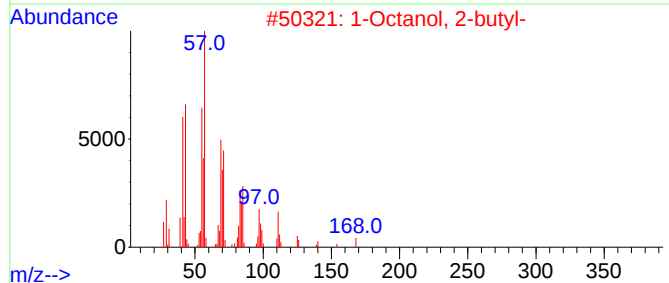
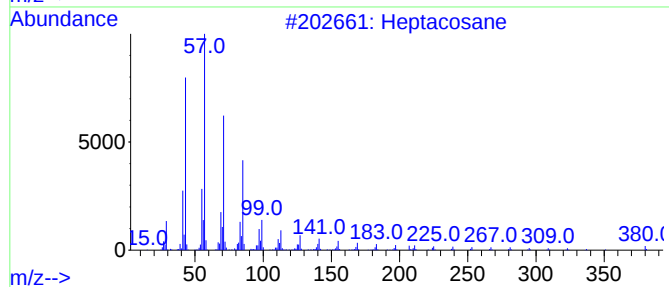
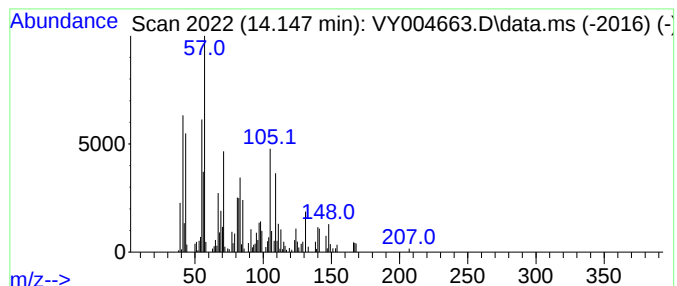
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.147 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.147	6.64 ug/l	103249	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	38
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38
3			2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	38
4			Octane, 2-methyl-	128	C9H20	003221-61-2	35
5			Tetracosane	338	C24H50	000646-31-1	35



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Operator : SY/MD
Sample : M2196-03
Misc : 7.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

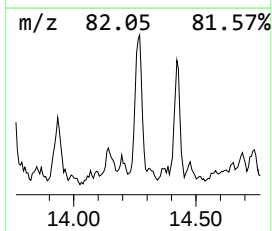
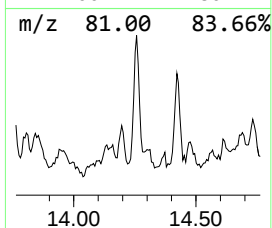
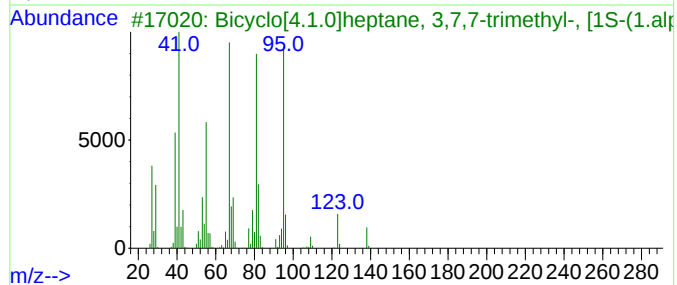
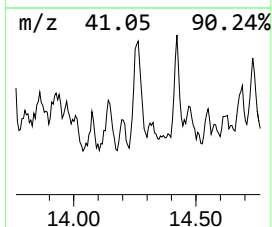
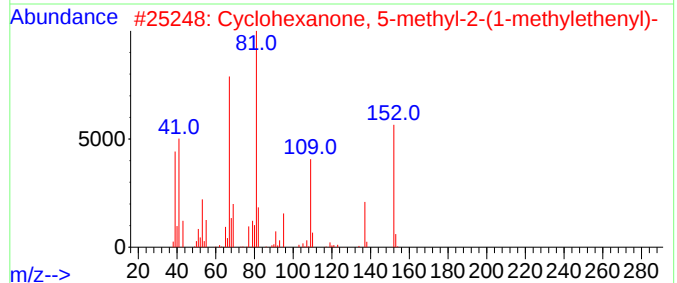
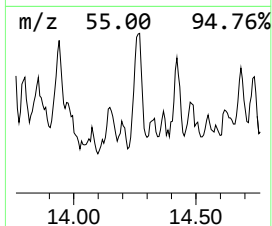
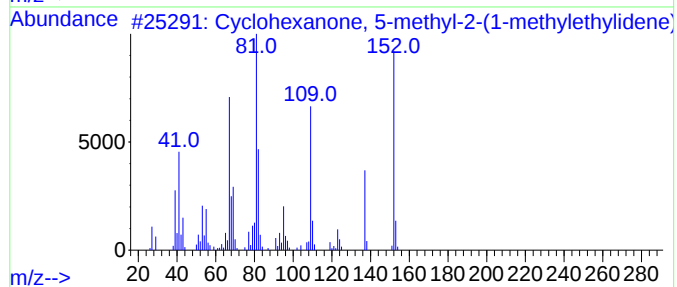
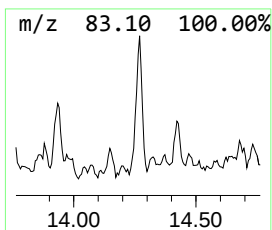
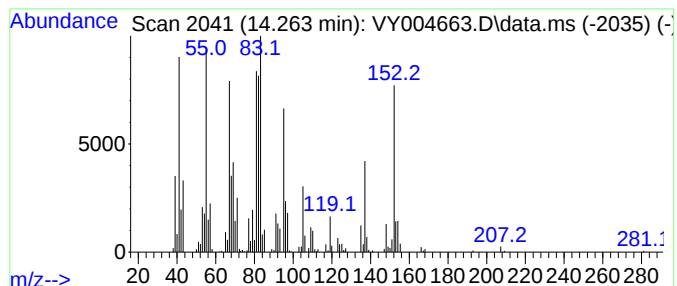
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexanone, 5-methyl-2-(... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	20.11 ug/l	312638	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	52
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	46
3			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	46
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
5			Ethylidenecyclooctane	138	C10H18	019780-51-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004663.D
Acq On : 29 Apr 2021 16:49
Operator : SY/MD
Sample : M2196-03
Misc : 7.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

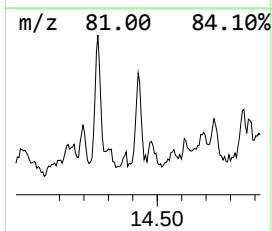
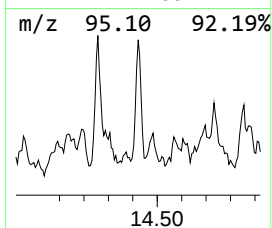
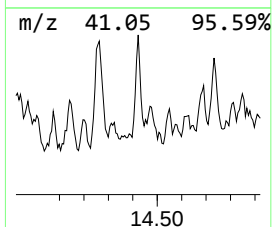
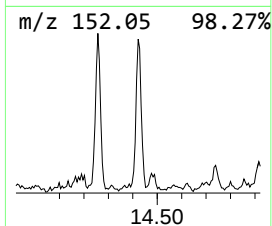
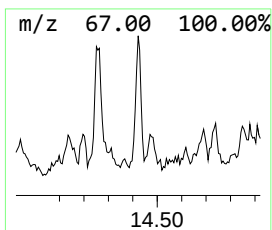
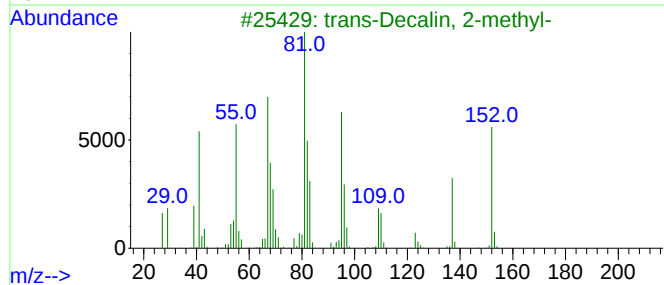
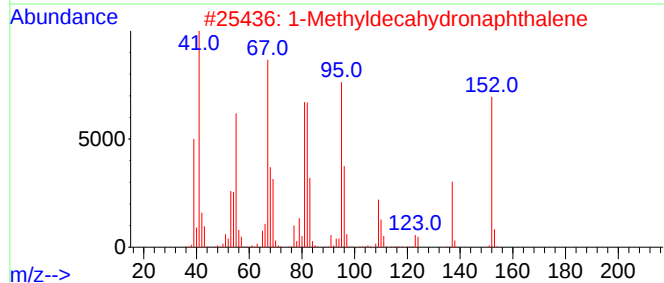
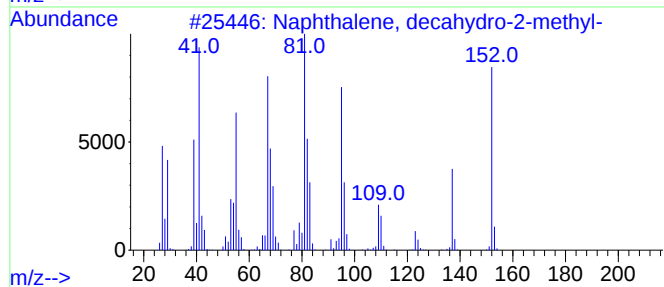
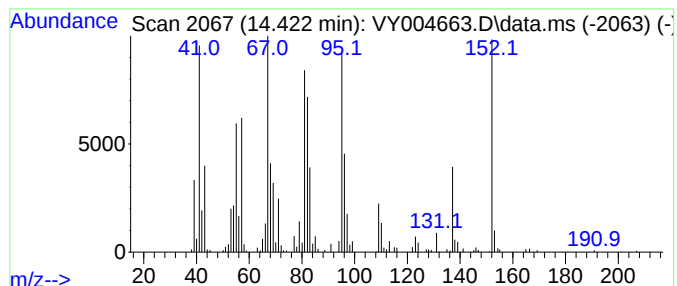
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	7.78 ug/l	120920	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	83
5			6-Dodecyne	166	C12H22	006975-99-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004663.D
Acq On : 29 Apr 2021 16:49
Operator : SY/MD
Sample : M2196-03
Misc : 7.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

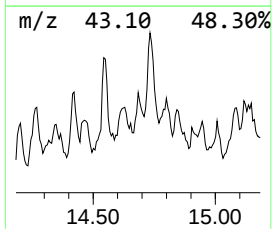
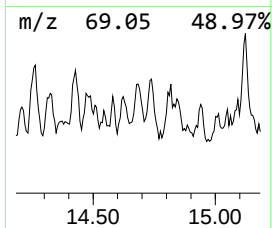
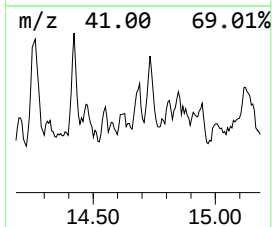
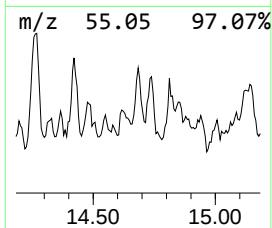
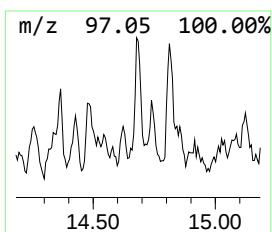
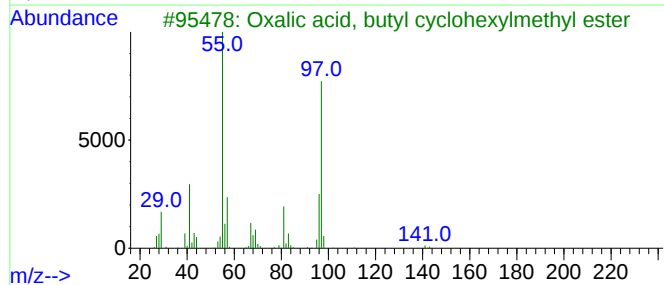
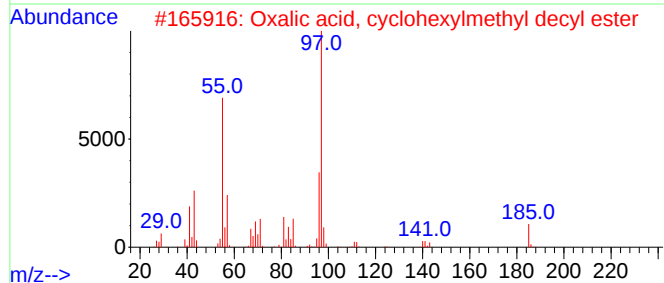
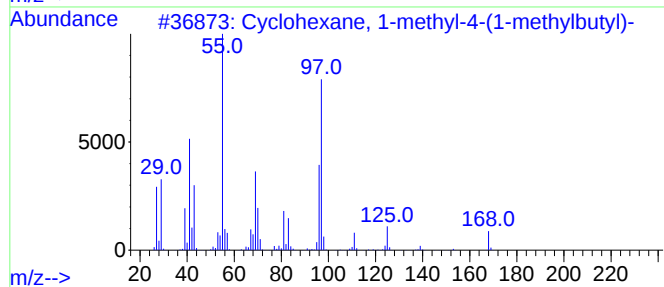
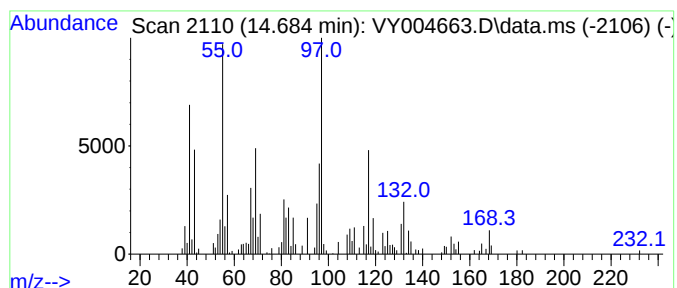
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	7.10 ug/l	110376	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	55
2			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	38
3			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	38
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	35
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004663.D
Acq On : 29 Apr 2021 16:49
Operator : SY/MD
Sample : M2196-03
Misc : 7.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

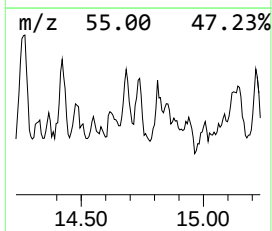
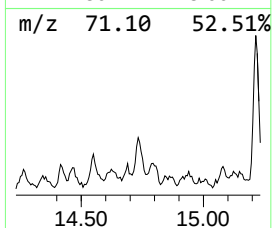
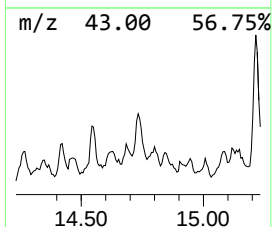
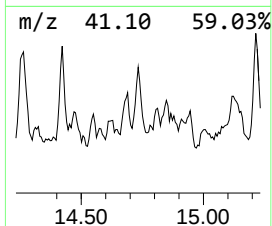
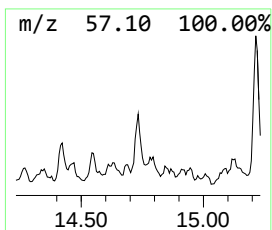
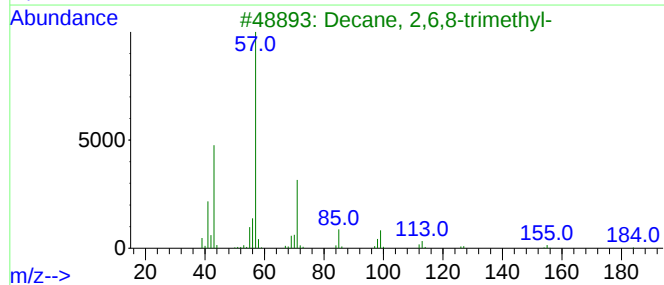
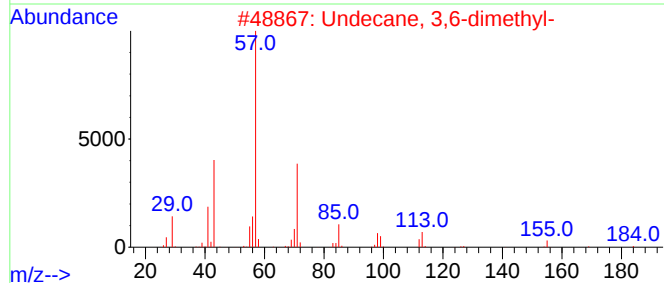
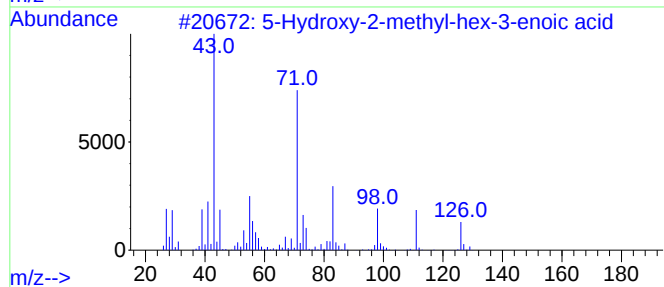
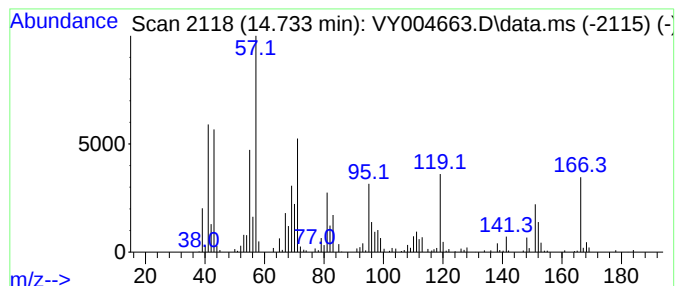
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown14.733 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	7.06 ug/l	109766	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Hydroxy-2-methyl-hex-3-enoic acid	144	C7H12O3	1000190-96-0	22
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	20
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	18
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	15
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004663.D
Acq On : 29 Apr 2021 16:49
Operator : SY/MD
Sample : M2196-03
Misc : 7.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

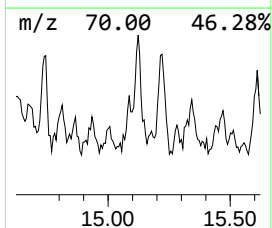
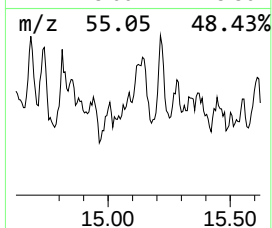
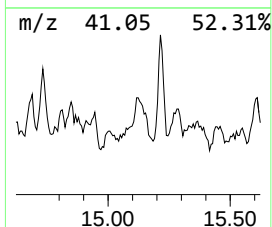
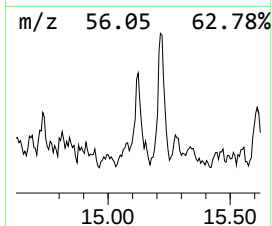
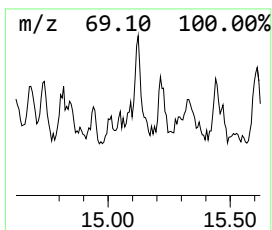
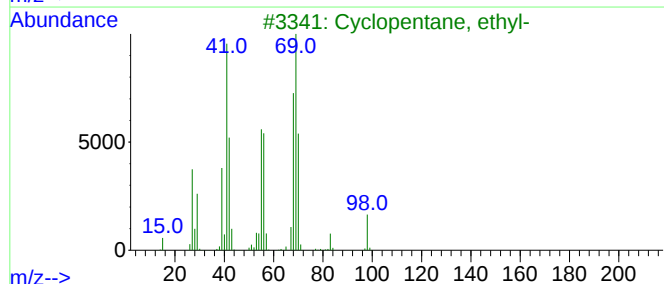
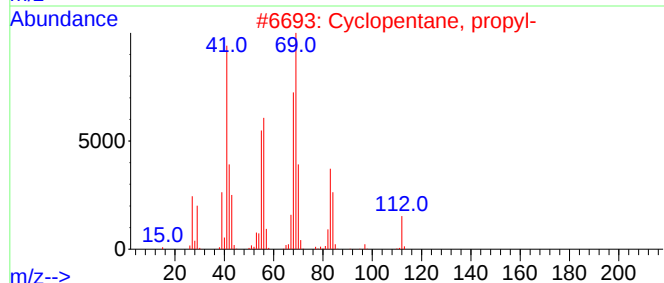
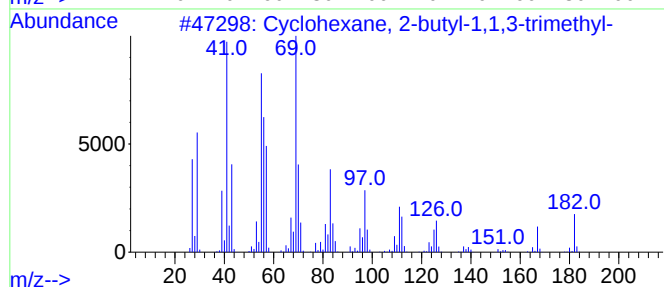
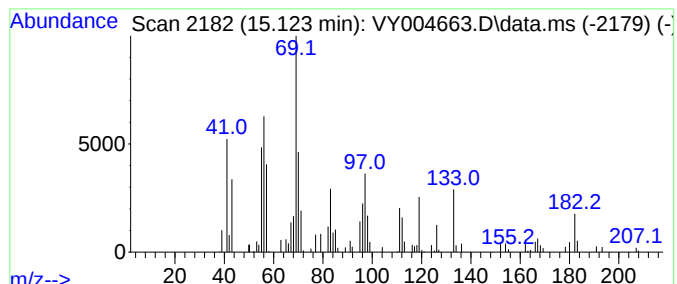
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.123	7.90 ug/l	122771	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	68
2			Cyclopentane, propyl-	112	C8H16	002040-96-2	46
3			Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4			Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	43
5			trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004663.D
Acq On : 29 Apr 2021 16:49
Operator : SY/MD
Sample : M2196-03
Misc : 7.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

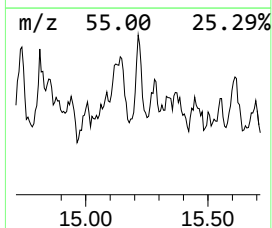
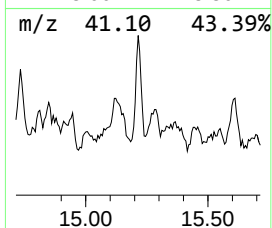
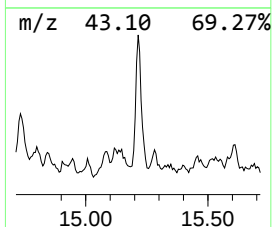
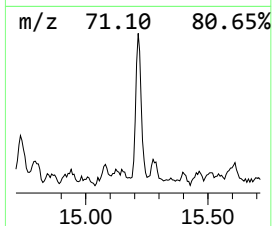
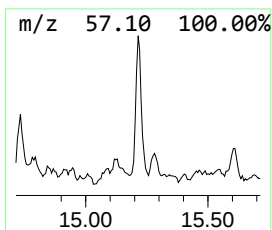
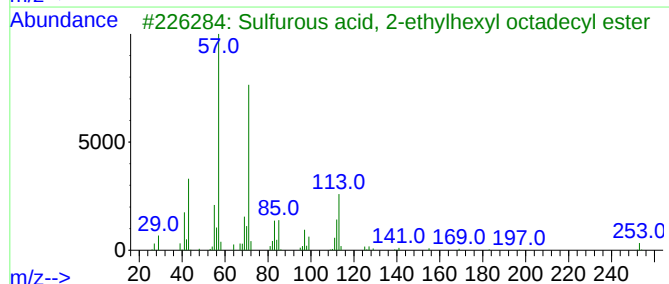
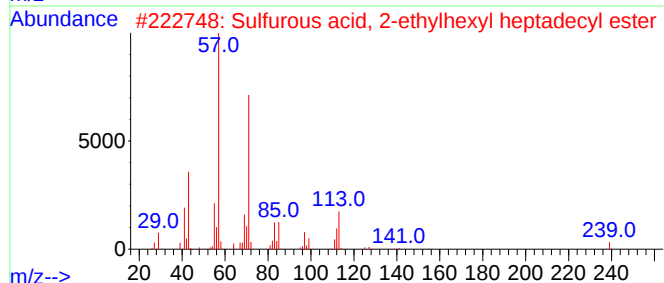
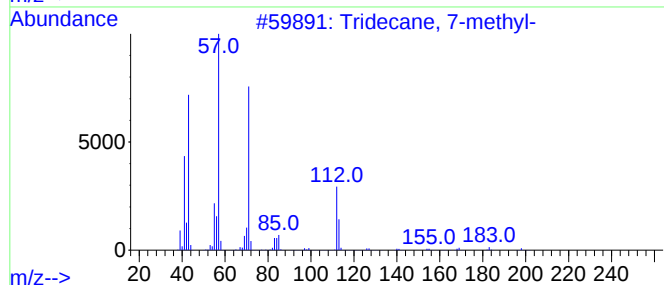
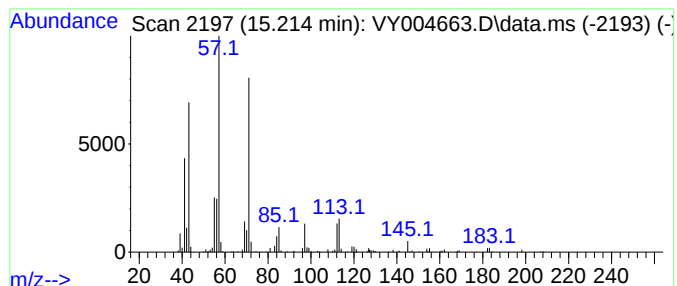
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	9.12 ug/l	141745	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	93
2			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	80
3			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004663.D
Acq On : 29 Apr 2021 16:49
Operator : SY/MD
Sample : M2196-03
Misc : 7.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown12.812	12.812	12.3	ug/l	190942	4	13.428	777187	50.0
Naphthalene, de...	13.751	17.1	ug/l	265339	4	13.428	777187	50.0
unknown14.147	14.147	6.6	ug/l	103249	4	13.428	777187	50.0
Cyclohexanone, ...	14.263	20.1	ug/l	312638	4	13.428	777187	50.0
Naphthalene, de...	14.422	7.8	ug/l	120920	4	13.428	777187	50.0
Cyclohexane, 1-...	14.684	7.1	ug/l	110376	4	13.428	777187	50.0
unknown14.733	14.733	7.1	ug/l	109766	4	13.428	777187	50.0
Cyclohexane, 2-...	15.123	7.9	ug/l	122771	4	13.428	777187	50.0
Tridecane, 7-me...	15.214	9.1	ug/l	141745	4	13.428	777187	50.0