

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010391.D
 Acq On : 08 Sep 2022 13:28
 Operator : KP/MD
 Sample : N4490-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-A-SP-GR

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\82Y090222S.M
 Title : SW846 8260

Signal : TIC: VY010391.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	462	474	488	rBV2	33705	111508	3.63%	0.259%
2	6.978	833	846	858	rBV	32923	106679	3.47%	0.248%
3	7.716	958	967	972	rBV	105250	253456	8.25%	0.589%
4	7.783	972	978	990	rVB	183611	422460	13.75%	0.982%
5	8.136	1025	1036	1046	rBV2	112883	274507	8.93%	0.638%
6	8.685	1118	1126	1137	rBV	286557	566047	18.42%	1.316%
7	10.179	1364	1371	1380	rBV	438113	785483	25.56%	1.827%
8	10.520	1424	1427	1432	rVB	28666	44841	1.46%	0.104%
9	10.801	1469	1473	1479	rVB2	29163	44636	1.45%	0.104%
10	10.904	1486	1490	1493	rBV	28493	47903	1.56%	0.111%
11	11.087	1515	1520	1526	rBV	152903	275872	8.98%	0.642%
12	11.142	1526	1529	1533	rVV2	26978	38590	1.26%	0.090%
13	11.191	1533	1537	1542	rBV4	47515	93770	3.05%	0.218%
14	11.246	1543	1546	1550	rVV2	37281	49533	1.61%	0.115%
15	11.294	1550	1554	1562	rVB	129474	238578	7.76%	0.555%
16	11.416	1570	1574	1579	rBV4	25341	38983	1.27%	0.091%
17	11.490	1580	1586	1591	rBV	400765	673468	21.92%	1.566%
18	11.624	1604	1608	1612	rBV	119286	179331	5.84%	0.417%
19	11.685	1612	1618	1622	rBV	262255	485788	15.81%	1.130%
20	11.740	1622	1627	1632	rBV4	155867	361508	11.77%	0.841%
21	11.843	1638	1644	1647	rBV2	167238	327618	10.66%	0.762%
22	11.935	1655	1659	1663	rVB2	118018	159294	5.18%	0.370%
23	12.002	1663	1670	1677	rBV3	627902	1552948	50.54%	3.611%
24	12.057	1677	1679	1681	rVV2	101314	105507	3.43%	0.245%
25	12.087	1681	1684	1687	rVV	180806	281783	9.17%	0.655%
26	12.124	1687	1690	1693	rVB	382980	465496	15.15%	1.082%
27	12.160	1693	1696	1698	rBV2	117014	150090	4.88%	0.349%
28	12.203	1698	1703	1705	rVV2	684688	1148256	37.37%	2.670%
29	12.233	1705	1708	1713	rVB2	798677	1223434	39.82%	2.845%
30	12.319	1713	1722	1726	rBV6	257552	767492	24.98%	1.785%
31	12.483	1743	1749	1754	rVB4	534429	925235	30.11%	2.152%
32	12.569	1754	1763	1768	rBV5	457158	1405260	45.74%	3.268%
33	12.642	1770	1775	1782	rVB2	1700173	3072516	100.00%	7.145%
34	12.727	1782	1789	1795	rBV6	701327	1903871	61.96%	4.427%
35	12.806	1795	1802	1806	rBV6	833262	2160034	70.30%	5.023%
36	12.916	1816	1820	1821	rBV3	168987	230560	7.50%	0.536%

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37	12.947	1821	1825	1829	rVV4	693728	1003528	32.66%	2.334%
38	13.001	1829	1834	1837	rVV3	308920	693599	22.57%	1.613%
39	13.038	1837	1840	1852	rVB4	706922	1644033	53.51%	3.823%
40	13.130	1853	1855	1858	rBV2	166638	206486	6.72%	0.480%
41	13.166	1858	1861	1867	rBV5	508173	920068	29.95%	2.140%
42	13.221	1867	1870	1873	rVV	260730	300194	9.77%	0.698%
43	13.294	1878	1882	1884	rBV3	495617	775907	25.25%	1.804%
44	13.349	1889	1891	1898	rVB5	366341	547388	17.82%	1.273%
45	13.568	1922	1927	1931	rBV3	759131	1154813	37.59%	2.685%
46	13.690	1943	1947	1949	rBV4	202130	326358	10.62%	0.759%
47	13.745	1950	1956	1961	rVV4	1505621	2853029	92.86%	6.634%
48	13.861	1971	1975	1981	rBV6	243497	561628	18.28%	1.306%
49	14.074	2006	2010	2015	rVB4	338215	514760	16.75%	1.197%
50	14.142	2017	2021	2027	rVB6	507460	985659	32.08%	2.292%
51	14.196	2027	2030	2034	rBV4	243739	365288	11.89%	0.849%
52	14.257	2035	2040	2046	rBV6	1009044	2041379	66.44%	4.747%
53	14.422	2062	2067	2071	rBV3	810443	1181237	38.45%	2.747%
54	14.617	2096	2099	2105	rBV5	210778	426851	13.89%	0.993%
55	14.684	2106	2110	2114	rVV3	394929	757952	24.67%	1.763%
56	14.733	2114	2118	2124	rVB3	585001	1033615	33.64%	2.404%
57	14.849	2134	2137	2140	rBV2	169169	255352	8.31%	0.594%
58	15.001	2156	2162	2166	rBV4	230214	530899	17.28%	1.235%
59	15.123	2179	2182	2191	rVB6	340985	826137	26.89%	1.921%
60	15.214	2192	2197	2202	rVB2	534845	846088	27.54%	1.967%
61	15.440	2231	2234	2241	rVB6	128433	273099	8.89%	0.635%
62	15.605	2256	2261	2267	rVB4	283189	514277	16.74%	1.196%
63	16.153	2347	2351	2358	rVB	200394	336320	10.95%	0.782%
64	16.476	2399	2404	2409	rBV5	81908	154933	5.04%	0.360%

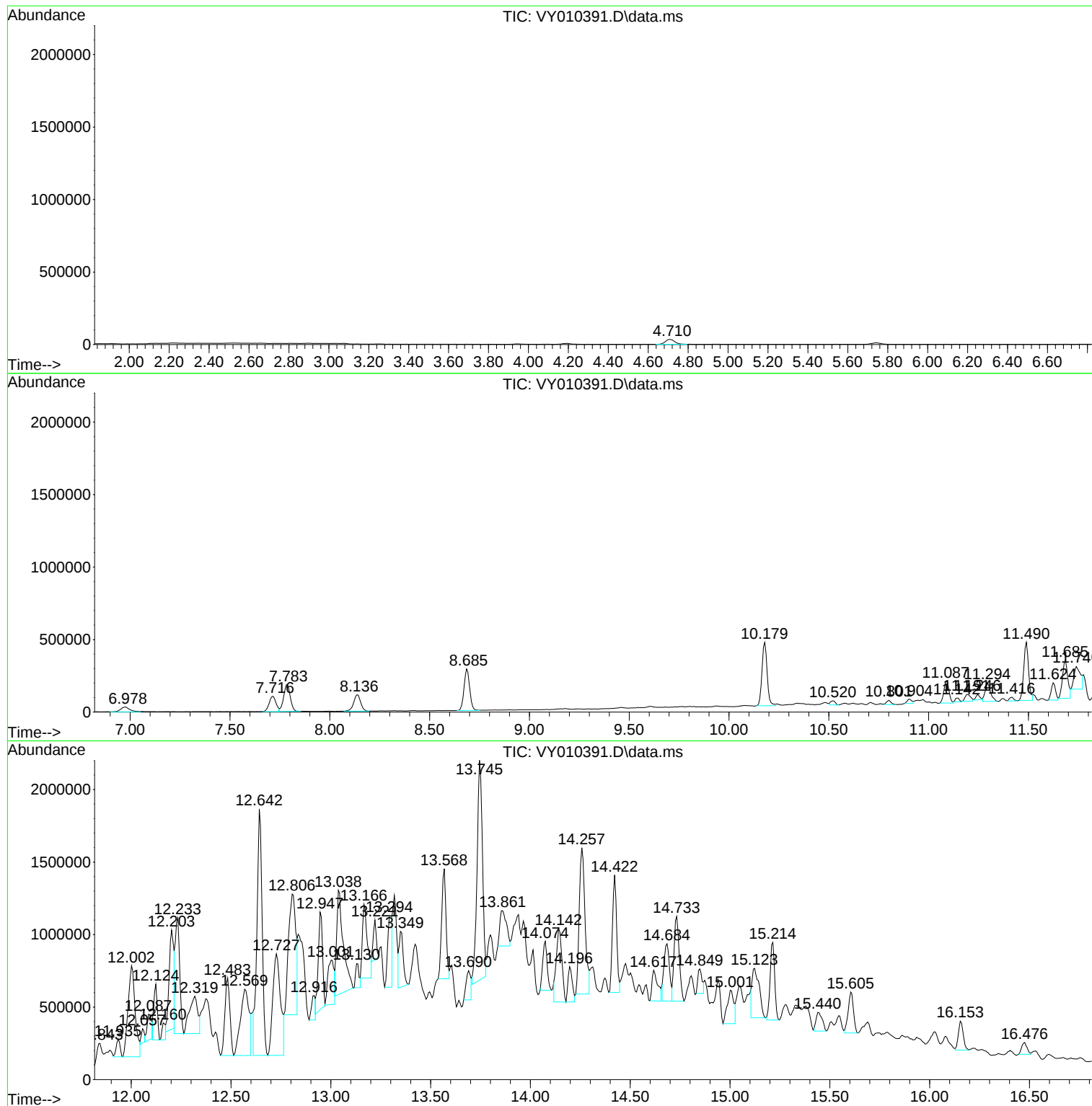
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ClientSampleId :
WC-14-A-SP-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260

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



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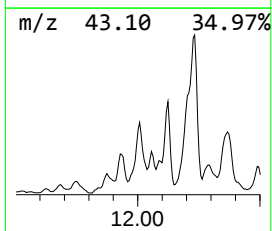
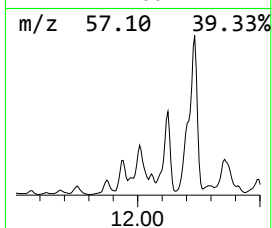
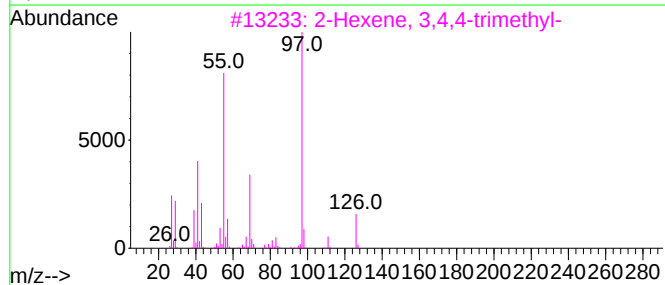
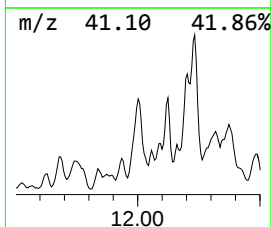
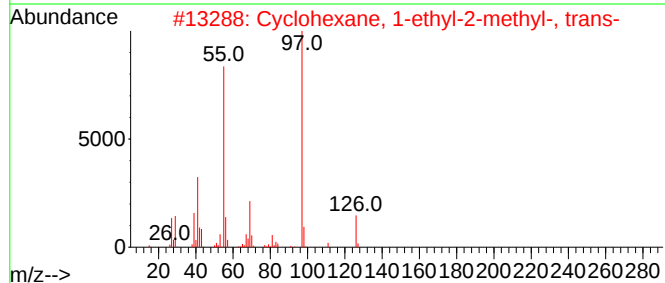
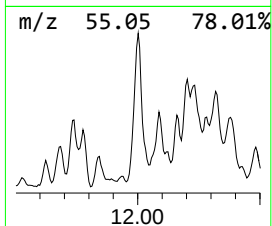
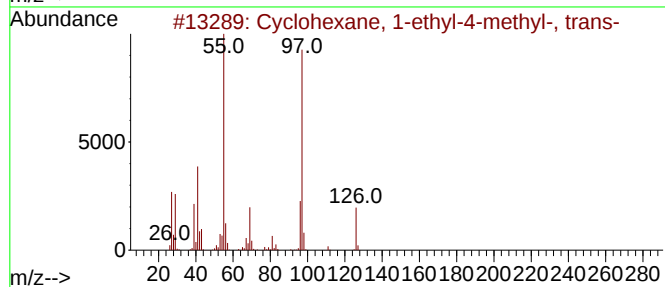
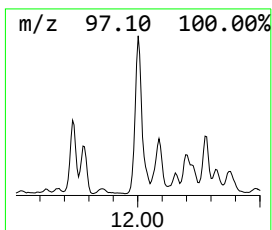
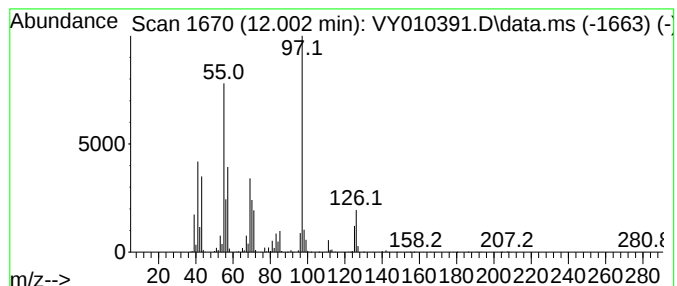
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.002	115.30 ug/l	1552950	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
3			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	52
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
5			4-Octen-3-one	126	C8H14O	014129-48-7	47



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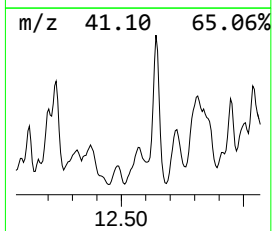
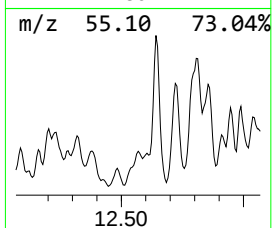
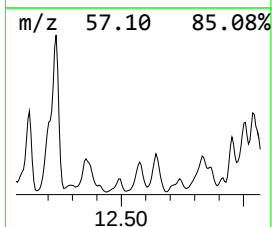
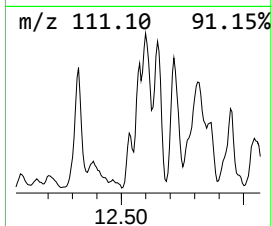
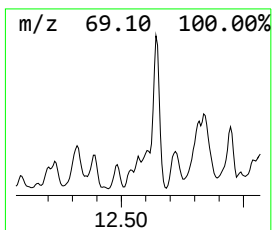
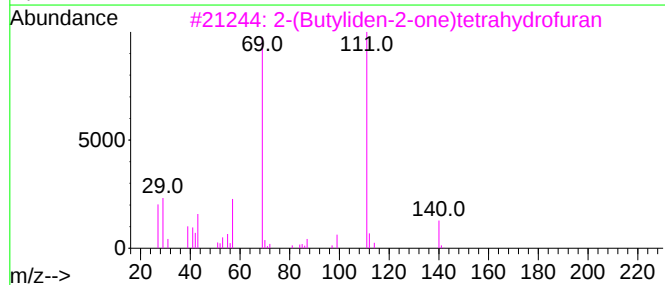
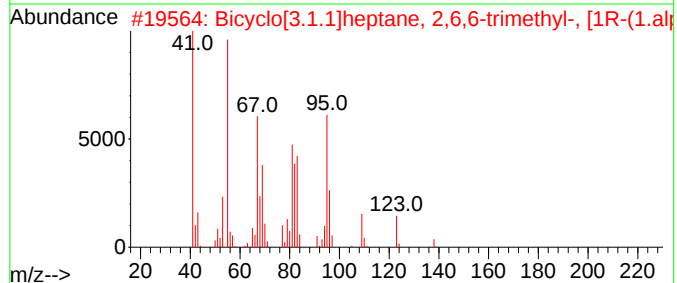
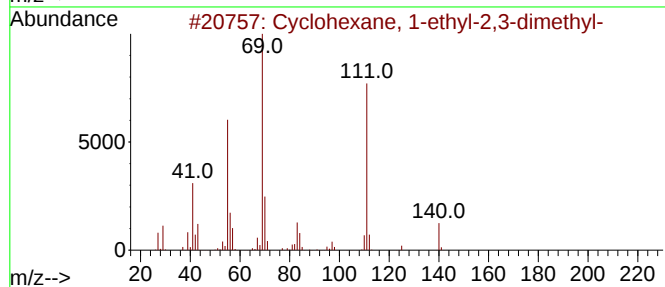
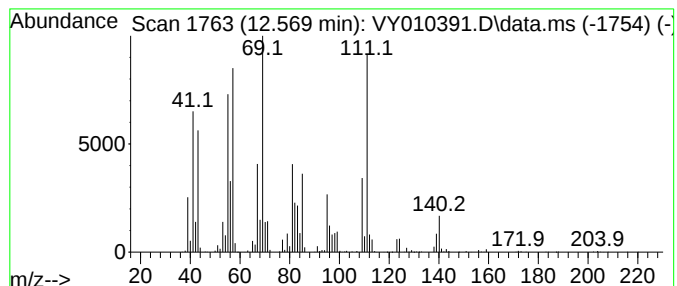
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.569 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	128.36 ug/l	1405260	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	49
2			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	47
3			2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	46
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43
5			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	38



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Instrument :
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ClientSampleId :
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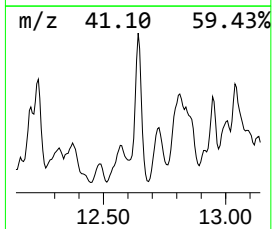
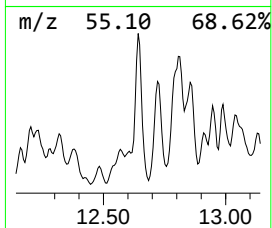
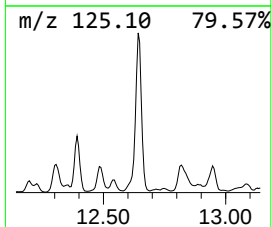
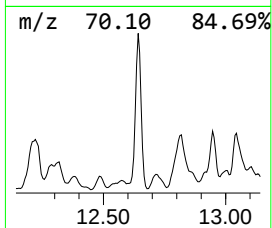
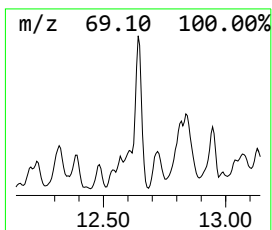
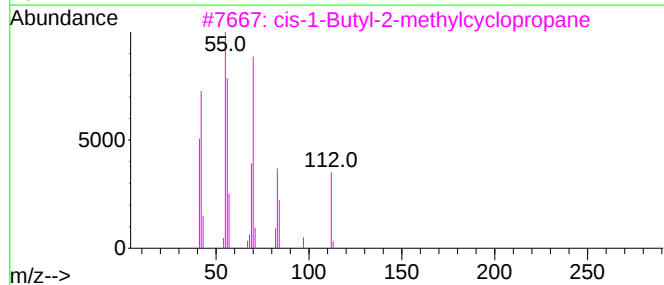
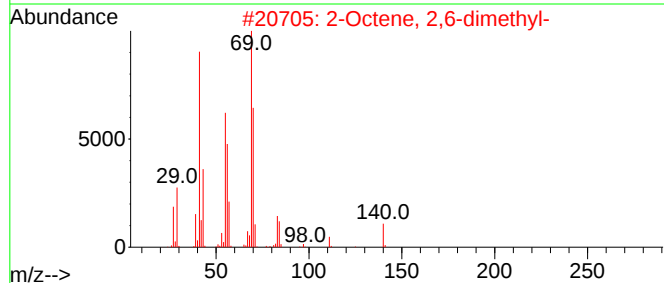
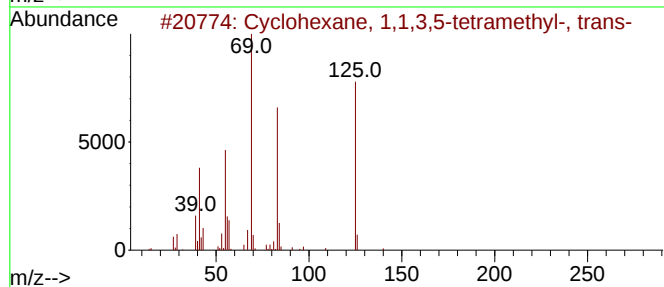
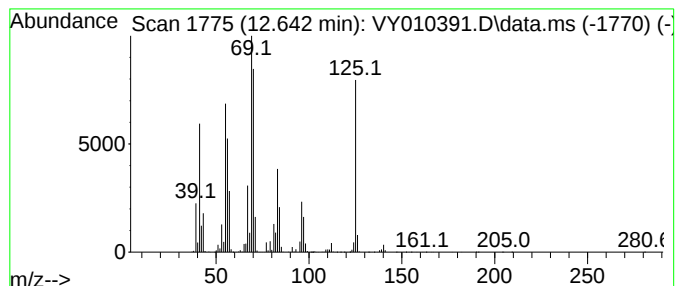
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.642 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	280.65 ug/l	3072520	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
3			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
5			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H200	1000499-04-1	43



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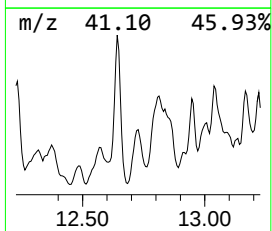
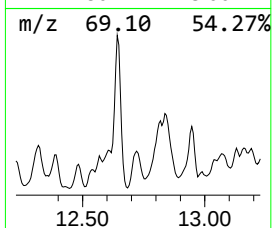
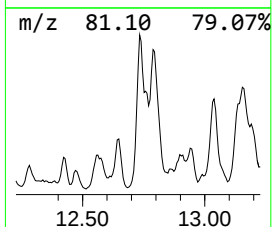
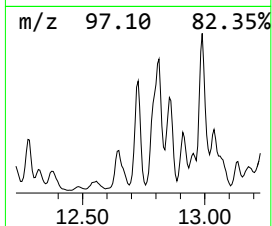
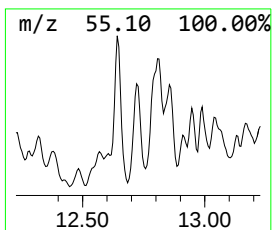
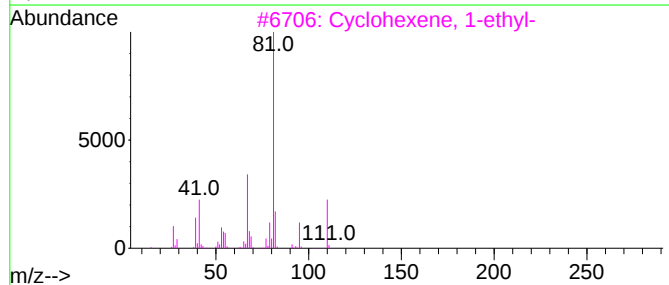
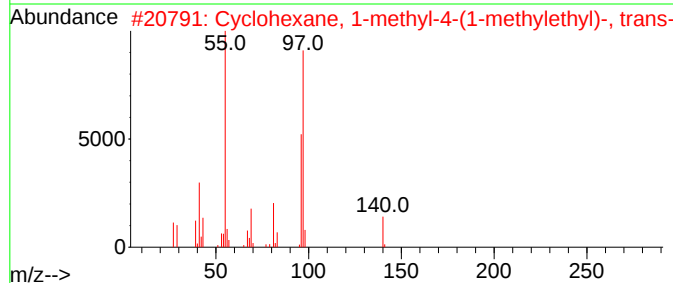
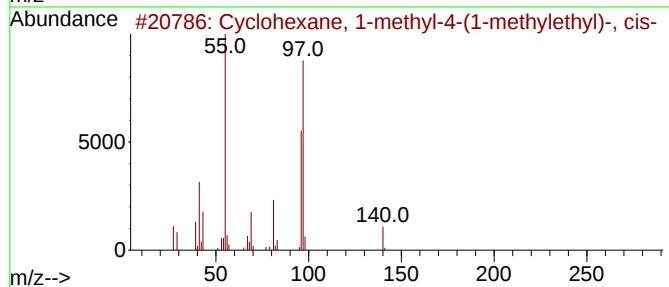
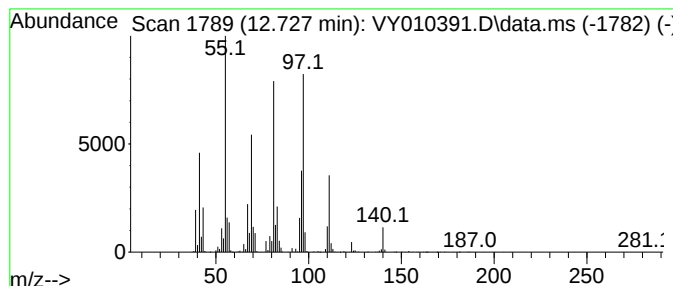
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown12.727 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	173.91 ug/l	1903870	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
3			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	42
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
5			Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010391.D
Acq On : 08 Sep 2022 13:28
Operator : KP/MD
Sample : N4490-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP-GR

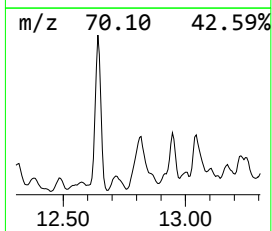
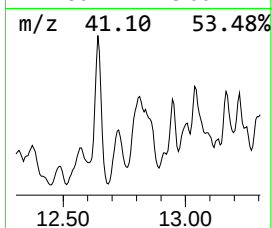
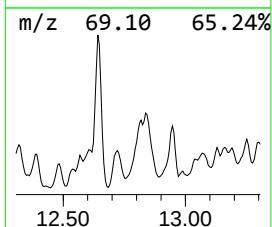
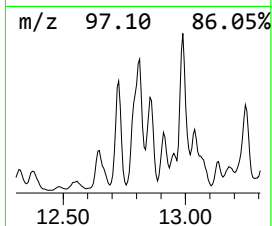
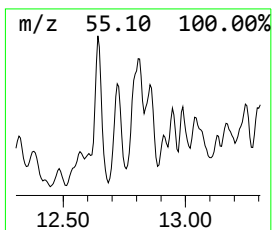
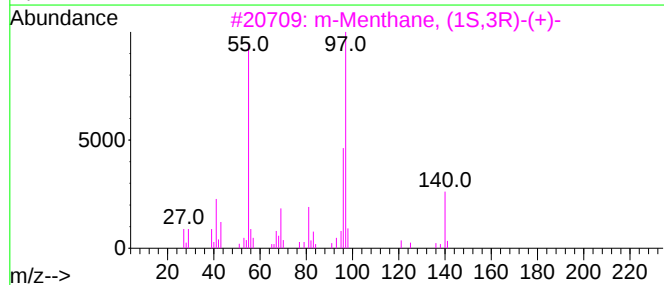
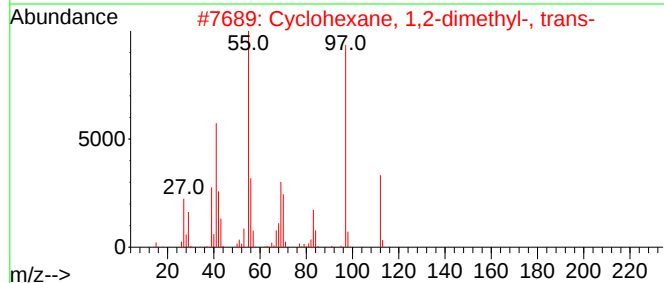
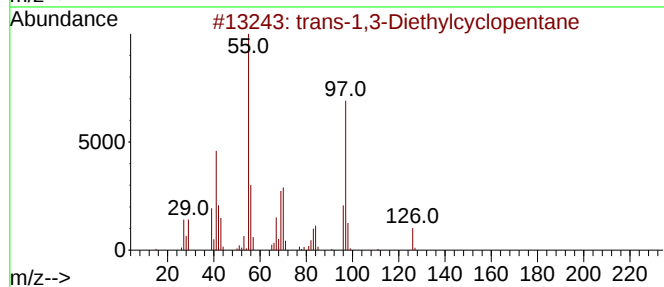
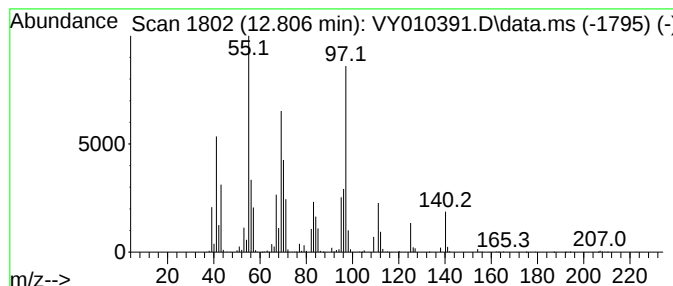
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Quant Title : SW846 8260

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

Peak Number 5 trans-1,3-Diethylcyclopentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	197.30 ug/l	2160030	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	60
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	50
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	46
4			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	45
5			Cycloheptane, methyl-	112	C8H16	004126-78-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010391.D
Acq On : 08 Sep 2022 13:28
Operator : KP/MD
Sample : N4490-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP-GR

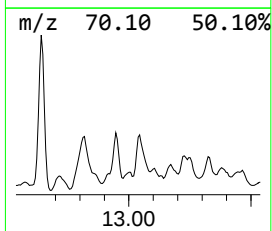
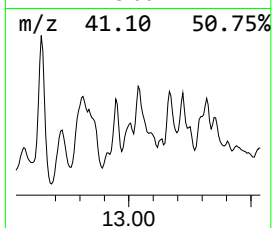
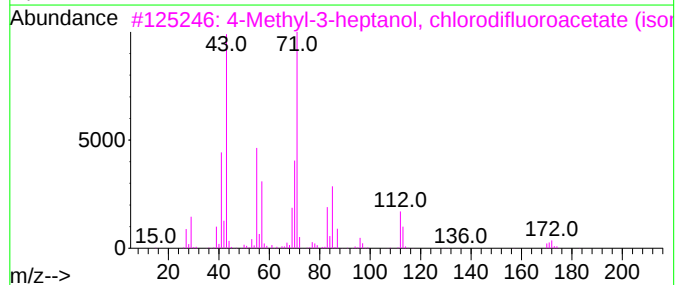
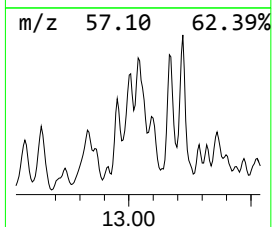
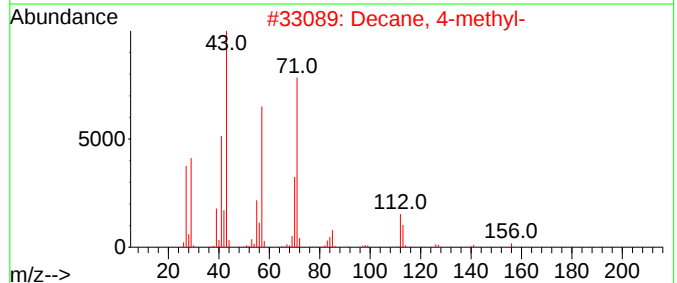
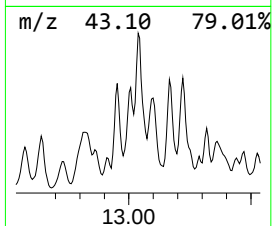
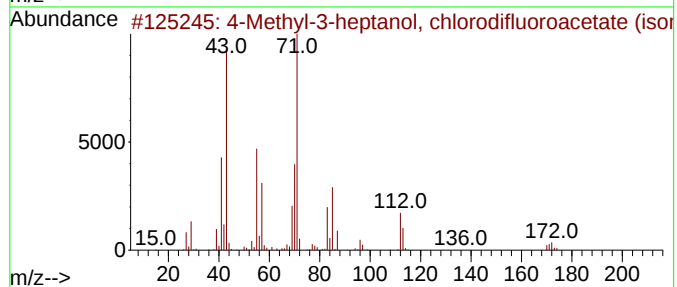
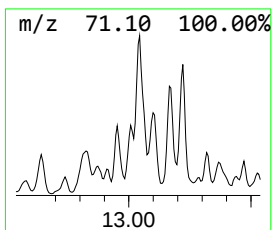
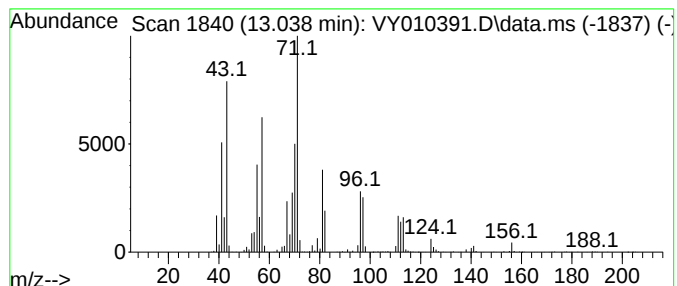
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Quant Title : SW846 8260

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

Peak Number 6 unknown13.038 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	150.17 ug/l	1644030	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	47
2		Decane, 4-methyl-	156	C11H24	002847-72-5	47
3		4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	47
4		Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	43
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010391.D
Acq On : 08 Sep 2022 13:28
Operator : KP/MD
Sample : N4490-04
Misc : 5.06g/5.0mL/MSVOA_Y/soil
ALS Vial : 11 Sample Multiplier: 1

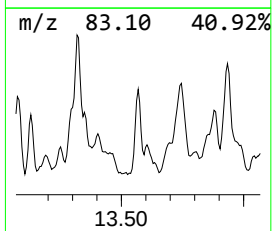
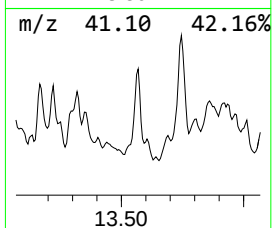
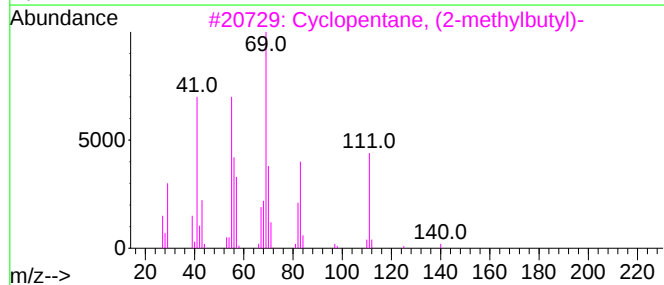
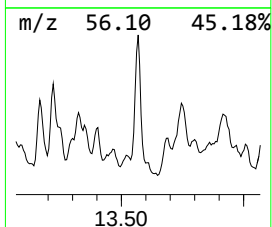
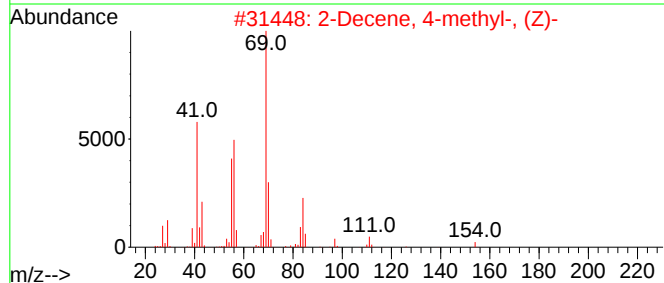
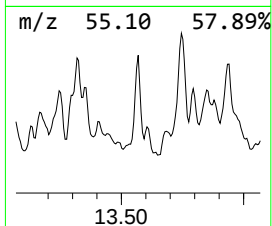
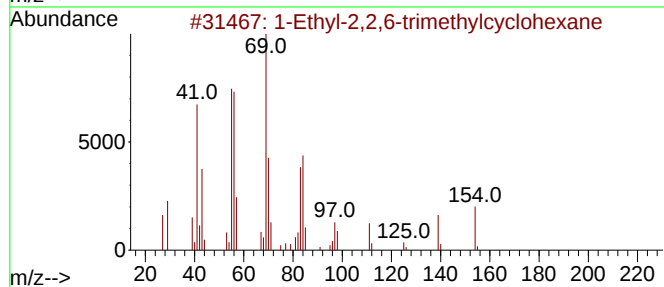
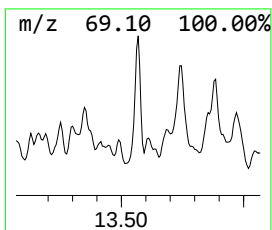
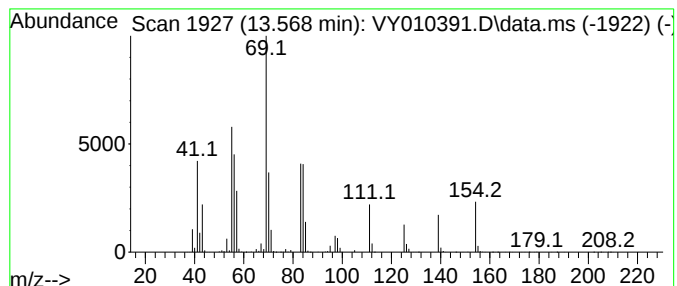
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260

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

Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.569	105.48 ug/l	1154810	1,4-Dichlorobenzene-d4	13.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
2	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	72
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
4	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
5	4-Undecene, (E)-	154	C11H22	000693-62-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010391.D
Acq On : 08 Sep 2022 13:28
Operator : KP/MD
Sample : N4490-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP-GR

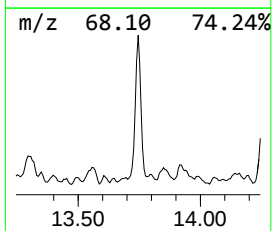
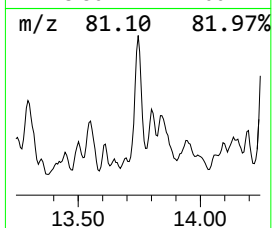
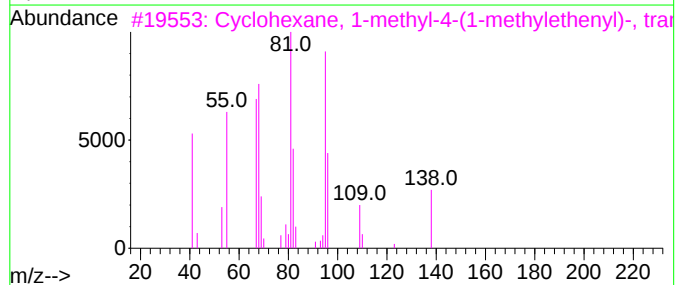
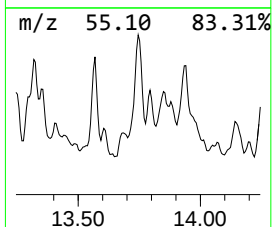
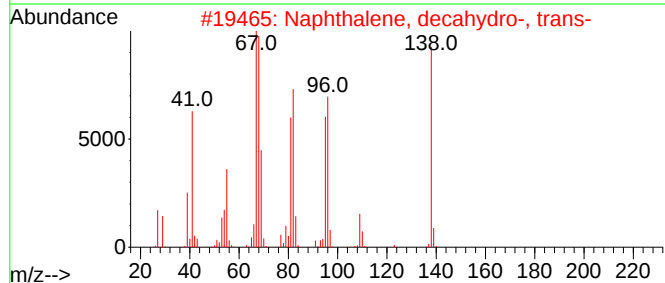
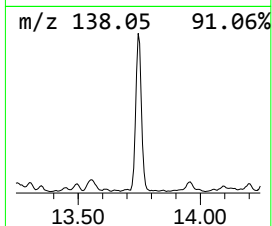
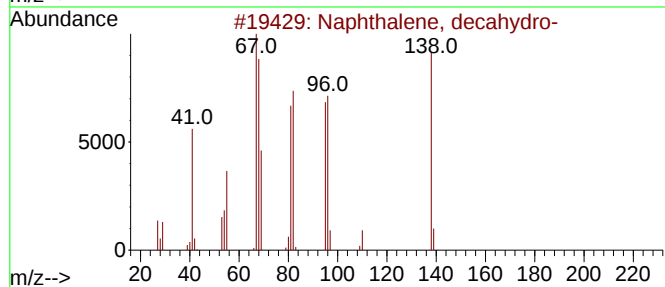
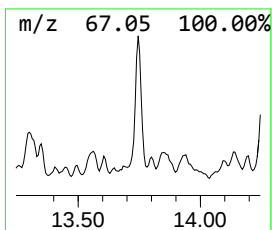
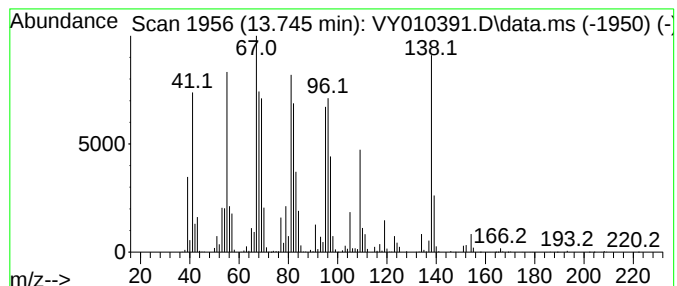
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	260.60 ug/l	2853030	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	92
3			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	70
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	68
5			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010391.D
Acq On : 08 Sep 2022 13:28
Operator : KP/MD
Sample : N4490-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP-GR

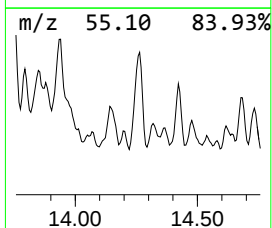
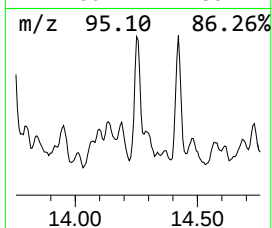
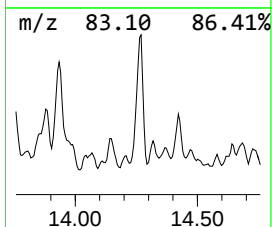
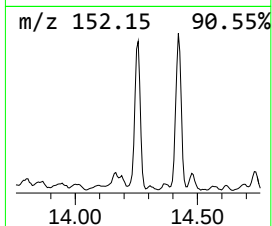
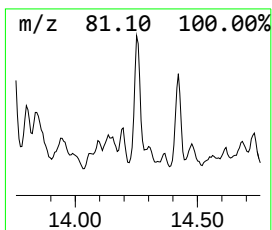
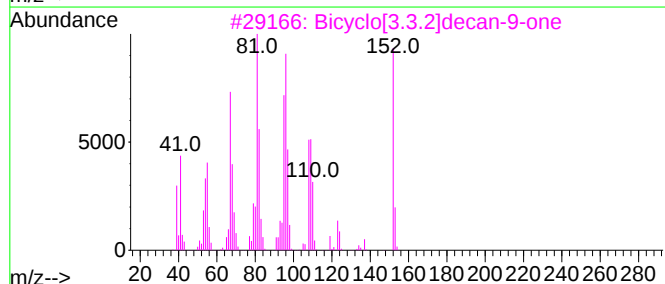
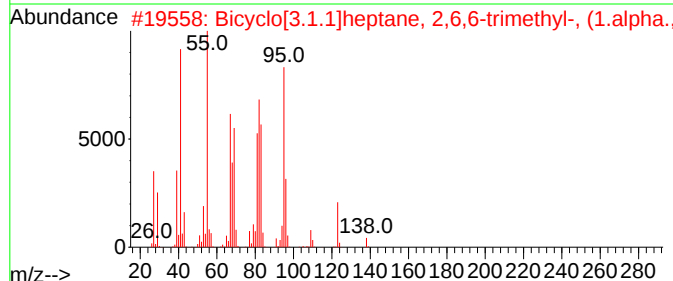
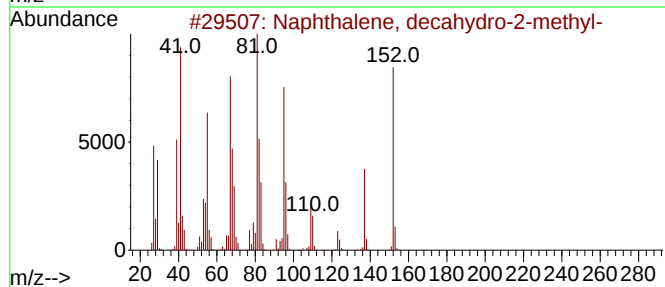
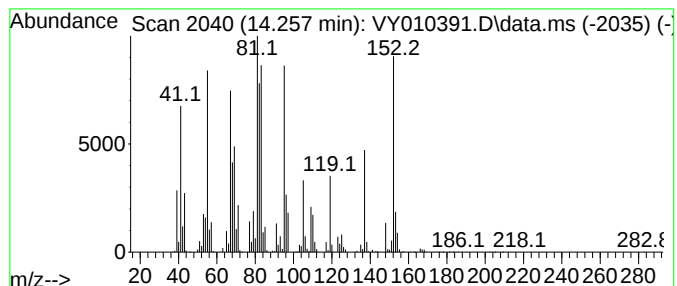
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	186.47 ug/l	2041380	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	55
3			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	52
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
5			Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010391.D
Acq On : 08 Sep 2022 13:28
Operator : KP/MD
Sample : N4490-04
Misc : 5.06g/5.0mL/MSVOA_Y/soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP-GR

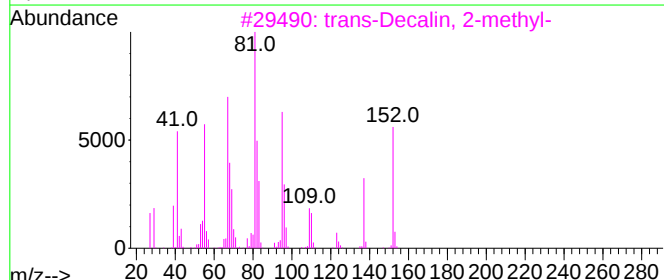
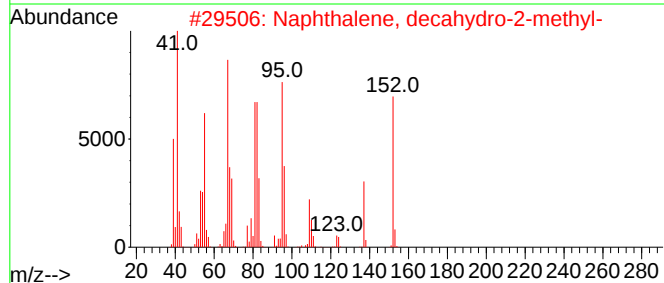
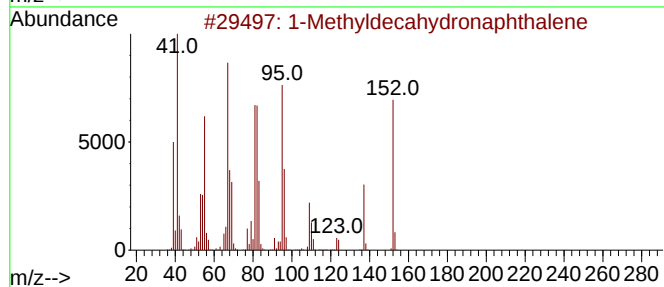
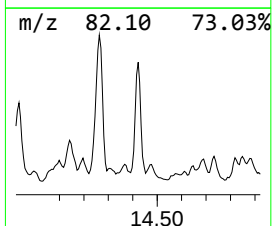
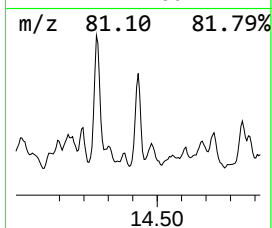
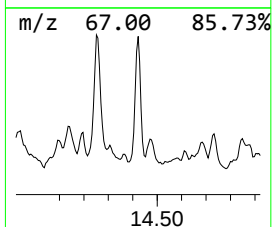
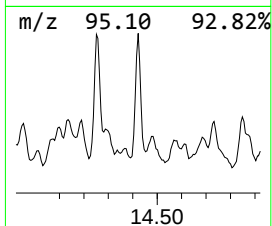
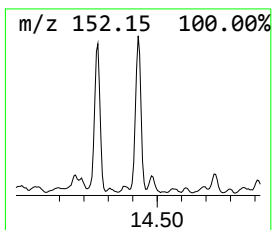
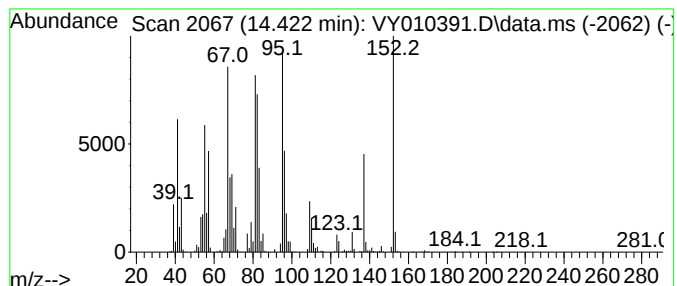
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Quant Title : SW846 8260

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

Peak Number 10 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	107.90 ug/l	1181240	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010391.D
Acq On : 08 Sep 2022 13:28
Operator : KP/MD
Sample : N4490-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.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
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unknown12.569	12.569	128.4	ug/l	1405260	4	13.422	547388	50.0
unknown12.642	12.642	280.6	ug/l	3072520	4	13.422	547388	50.0
unknown12.727	12.727	173.9	ug/l	1903870	4	13.422	547388	50.0
trans-1,3-Dieth...	12.806	197.3	ug/l	2160030	4	13.422	547388	50.0
unknown13.038	13.038	150.2	ug/l	1644030	4	13.422	547388	50.0
1-Ethyl-2,2,6-t...	13.569	105.5	ug/l	1154810	4	13.422	547388	50.0
Naphthalene, de...	13.745	260.6	ug/l	2853030	4	13.422	547388	50.0
Naphthalene, de...	14.257	186.5	ug/l	2041380	4	13.422	547388	50.0
1-Methyldecahyd...	14.422	107.9	ug/l	1181240	4	13.422	547388	50.0