

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010718.D
 Acq On : 28 Sep 2022 15:51
 Operator : KP/MD
 Sample : N4850-01
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-SP-2

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\82Y091922S.M
 Title : SW846 8260

Signal : TIC: VY010718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.223	58	66	82	rBV2	67011	153485	1.43%	0.186%
2	7.710	957	966	972	rBV	154294	367199	3.42%	0.446%
3	7.783	972	978	990	rVB	202729	465147	4.33%	0.564%
4	8.136	1027	1036	1047	rBV	144220	331192	3.09%	0.402%
5	8.685	1118	1126	1135	rBV	327950	654657	6.10%	0.794%
6	10.179	1364	1371	1381	rBV	353925	638184	5.95%	0.774%
7	11.087	1513	1520	1526	rBV	378789	655168	6.11%	0.795%
8	11.294	1549	1554	1563	rVB	108815	217340	2.03%	0.264%
9	11.483	1578	1585	1590	rBV	326599	588256	5.48%	0.714%
10	11.624	1602	1608	1612	rBV	162081	262015	2.44%	0.318%
11	11.685	1612	1618	1623	rBV	203717	390181	3.64%	0.473%
12	11.752	1623	1629	1637	rVB4	170058	419740	3.91%	0.509%
13	11.837	1637	1643	1647	rBV2	201752	381269	3.55%	0.463%
14	12.002	1662	1670	1676	rBV4	352827	909044	8.47%	1.103%
15	12.087	1681	1684	1686	rVV	115619	166631	1.55%	0.202%
16	12.117	1686	1689	1695	rVB	341461	532645	4.96%	0.646%
17	12.197	1696	1702	1704	rBV3	336429	612652	5.71%	0.743%
18	12.233	1704	1708	1713	rVB	751867	1233461	11.50%	1.497%
19	12.312	1713	1721	1725	rBV6	266522	698047	6.51%	0.847%
20	12.483	1742	1749	1754	rBV6	357659	681526	6.35%	0.827%
21	12.569	1760	1763	1767	rVB4	157600	210894	1.97%	0.256%
22	12.642	1769	1775	1781	rVB2	1583937	2821249	26.29%	3.423%
23	12.727	1781	1789	1795	rBV8	479461	1291864	12.04%	1.567%
24	12.812	1795	1803	1805	rBV3	764246	1650231	15.38%	2.002%
25	12.947	1821	1825	1829	rVB4	666410	948435	8.84%	1.151%
26	13.001	1829	1834	1836	rBV4	264676	475158	4.43%	0.577%
27	13.038	1836	1840	1850	rVV4	803376	2012936	18.76%	2.442%
28	13.129	1852	1855	1857	rBV2	310800	369124	3.44%	0.448%
29	13.166	1857	1861	1867	rVV4	479668	823888	7.68%	1.000%
30	13.221	1867	1870	1872	rBV2	271710	294853	2.75%	0.358%
31	13.288	1877	1881	1883	rBV3	520250	790664	7.37%	0.959%
32	13.355	1889	1892	1896	rBV5	268889	414282	3.86%	0.503%
33	13.562	1921	1926	1931	rBV2	1381821	2091651	19.49%	2.538%
34	13.605	1931	1933	1936	rBV5	236895	282242	2.63%	0.342%
35	13.690	1942	1947	1949	rBV4	571135	1059454	9.87%	1.285%
36	13.739	1950	1955	1961	rVV3	1865690	3694206	34.43%	4.482%

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37	13.879	1971	1978	1982	rBV2	1106319	2615131	24.37%	3.173%
38	14.141	2017	2021	2027	rVB5	1289662	2598129	24.21%	3.152%
39	14.196	2027	2030	2034	rVB4	522096	710997	6.63%	0.863%
40	14.251	2034	2039	2046	rBV5	1978354	4671297	43.53%	5.668%
41	14.416	2055	2066	2071	rBV4	3572094	10730048	100.00%	13.019%
42	14.471	2071	2075	2079	rVV5	748222	1296733	12.09%	1.573%
43	14.617	2096	2099	2105	rBV6	748970	1535644	14.31%	1.863%
44	14.684	2106	2110	2113	rVV2	1161792	2174871	20.27%	2.639%
45	14.727	2113	2117	2123	rVB3	2480018	4200206	39.14%	5.096%
46	14.843	2133	2136	2139	rBV	1183521	1789701	16.68%	2.171%
47	15.001	2157	2162	2165	rBV2	982104	1984885	18.50%	2.408%
48	15.117	2178	2181	2190	rVB4	1965865	3545512	33.04%	4.302%
49	15.214	2193	2197	2202	rVB	2843395	4357254	40.61%	5.287%
50	15.440	2230	2234	2241	rBV2	910185	1740531	16.22%	2.112%
51	15.605	2256	2261	2268	rVB2	2449647	4665235	43.48%	5.660%
52	16.007	2324	2327	2333	rVB	905341	1648402	15.36%	2.000%
53	16.153	2347	2351	2358	rVB	924496	1662497	15.49%	2.017%
54	16.470	2399	2403	2409	rVB2	494812	904778	8.43%	1.098%

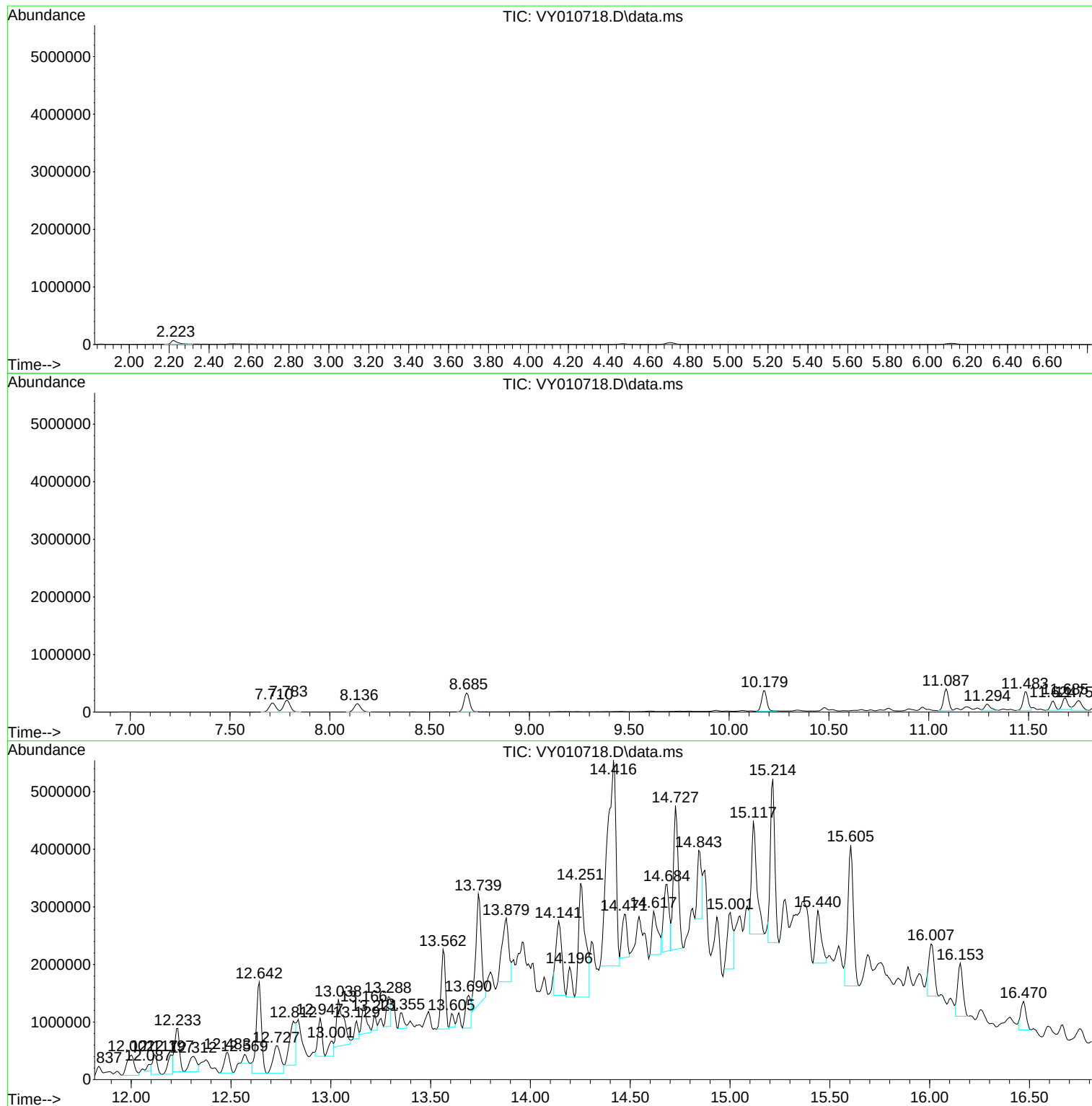
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Quant Title : SW846 8260

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



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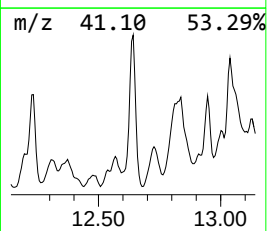
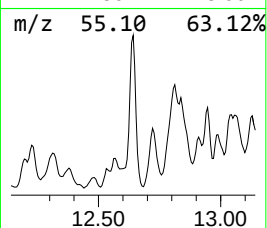
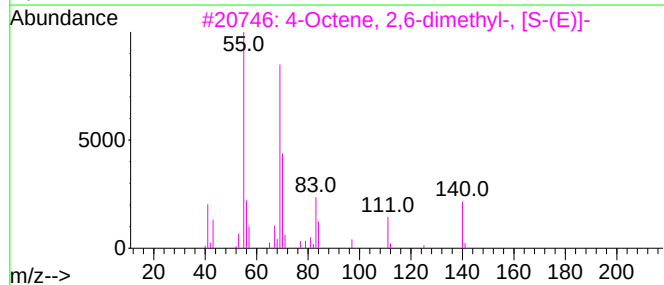
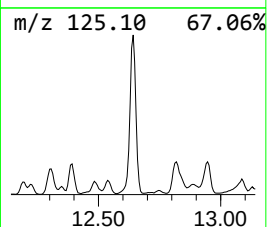
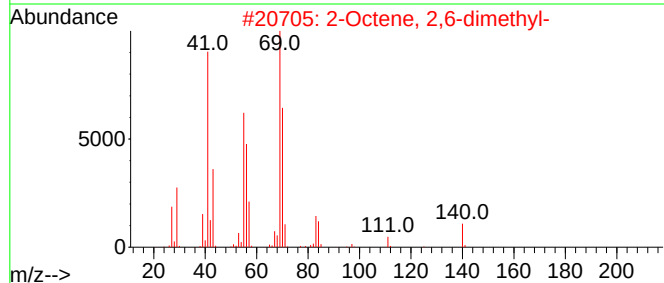
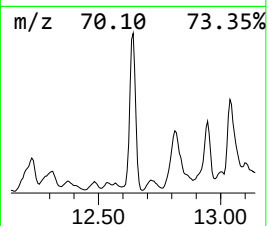
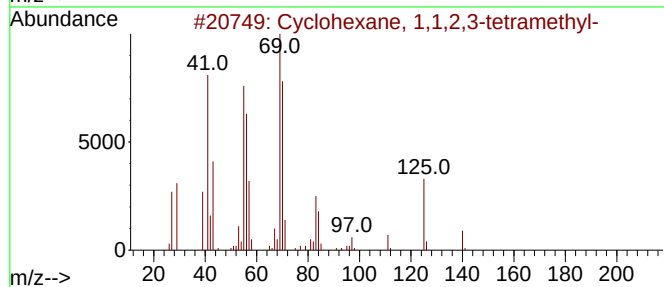
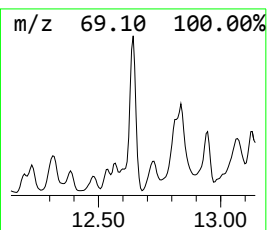
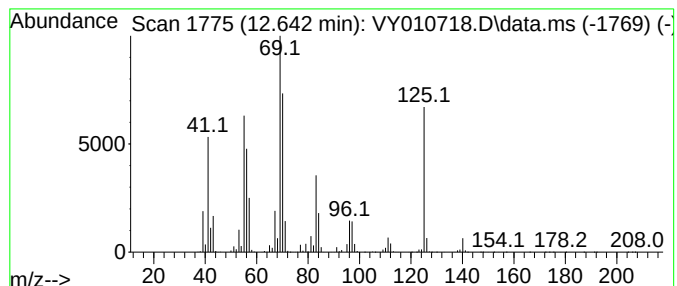
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	340.50 ug/l	2821250	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
4			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
5			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50



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Misc : 4.91g/5.0mL/MSVOA_Y/soil
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

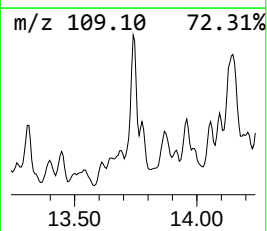
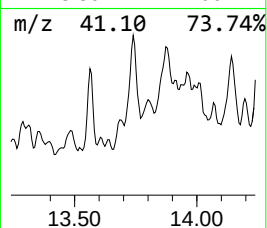
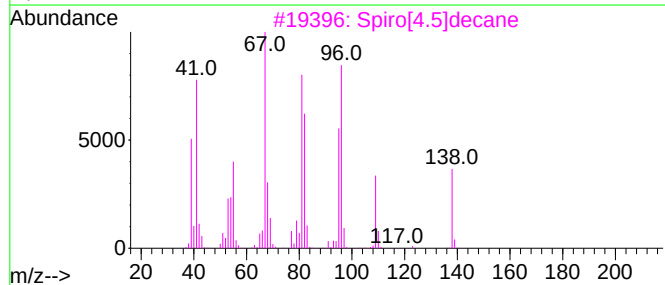
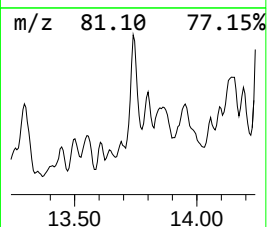
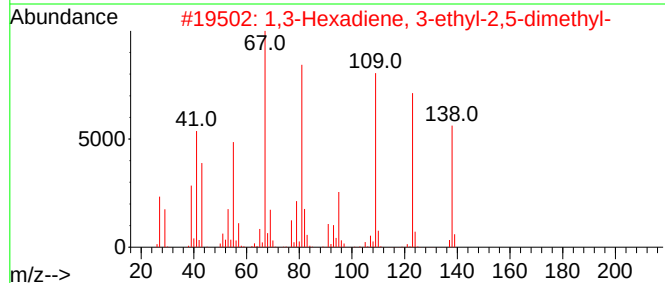
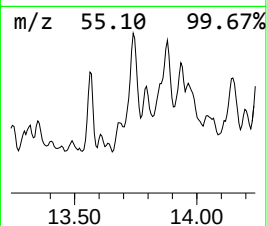
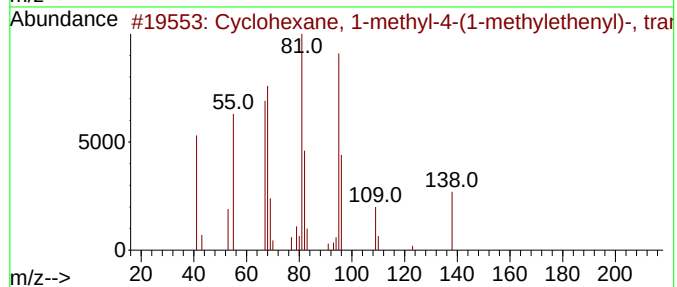
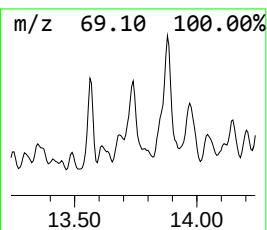
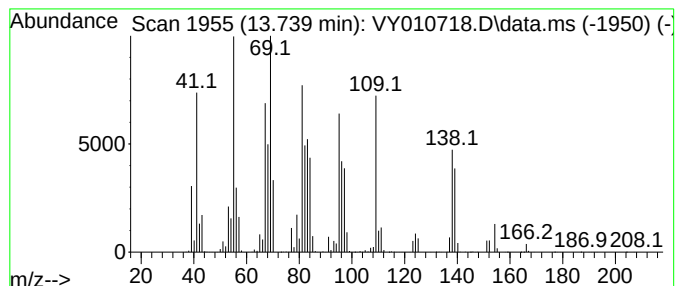
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.739 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	445.86 ug/l	3694210	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	42
2			1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	38
3			Spiro[4.5]decane	138	C10H18	000176-63-6	38
4			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	38
5			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	38



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Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

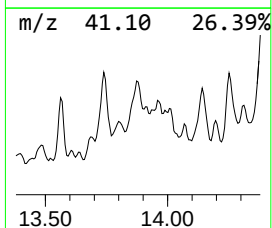
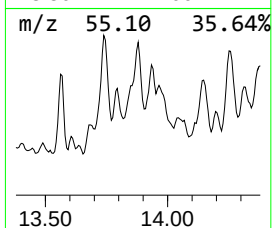
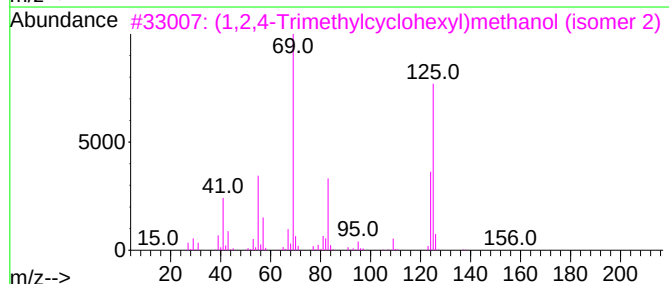
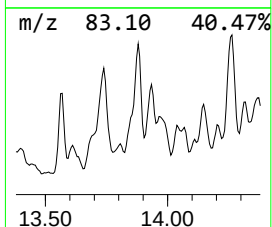
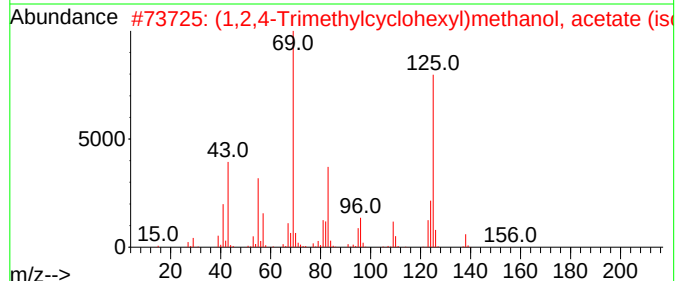
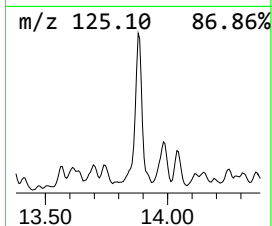
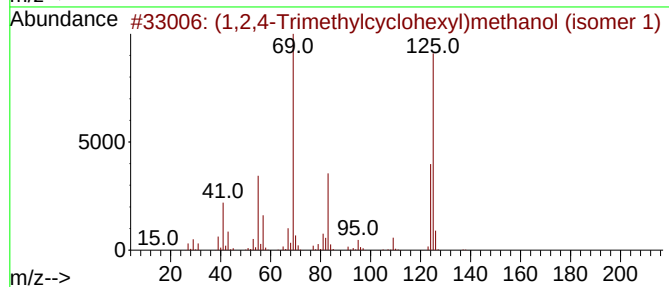
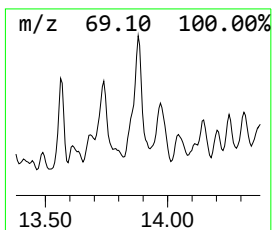
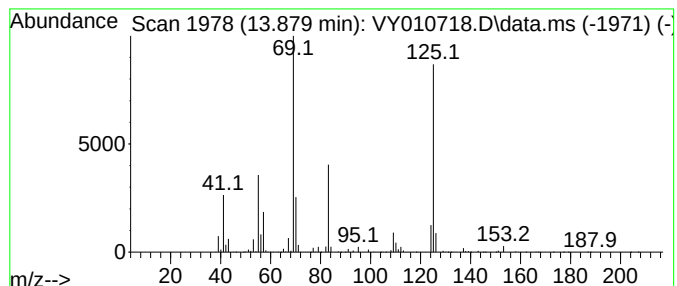
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260

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

Peak Number 3 (1,2,4-Trimethylcyclohexyl)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	315.62 ug/l	2615130	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H200	1000499-03-8	72
2			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H2202	1010499-04-6	56
3			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H200	1000499-03-9	56
4			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H200	1000499-04-1	56
5			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50



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ClientSampleId :
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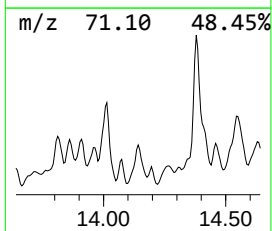
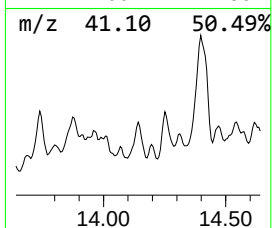
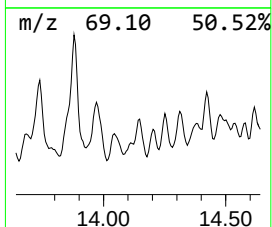
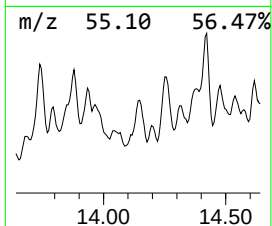
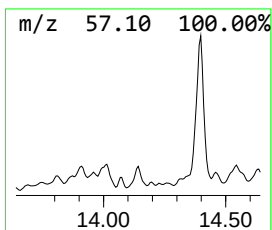
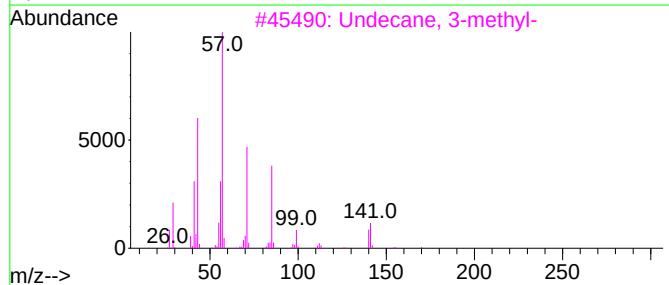
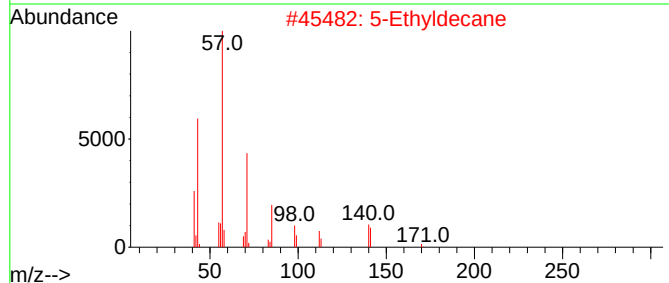
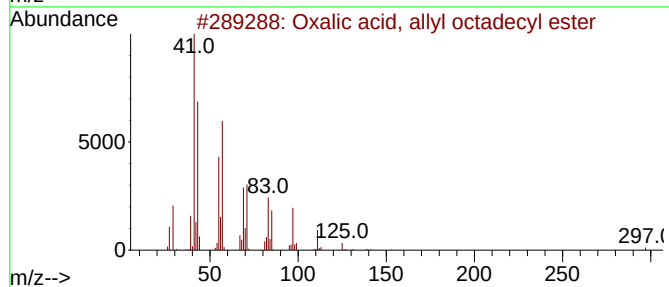
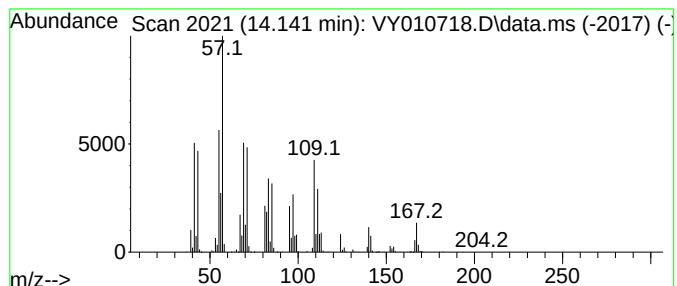
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.141 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.141	313.57 ug/l	2598130	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	47
2			5-Ethyldecane	170	C12H26	017302-36-2	38
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	30
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	25
5			Pentacosane	352	C25H52	000629-99-2	22



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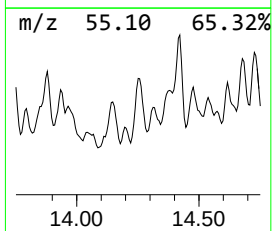
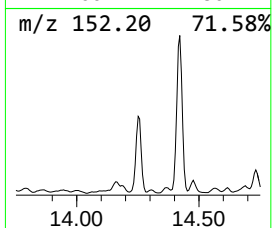
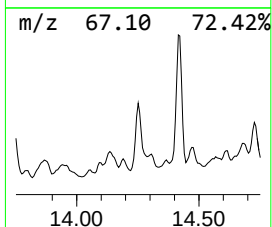
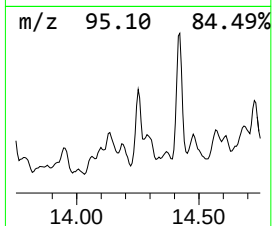
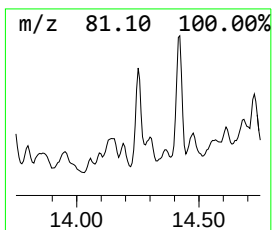
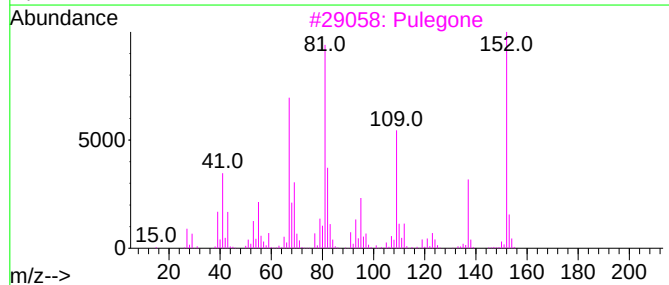
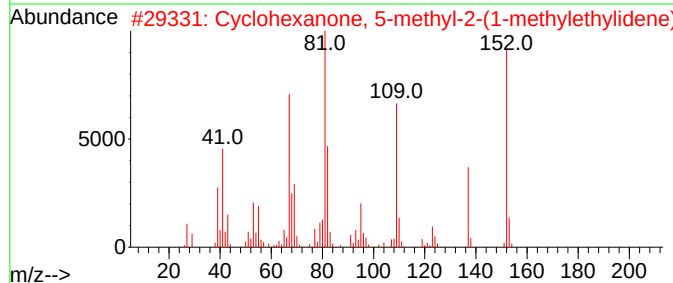
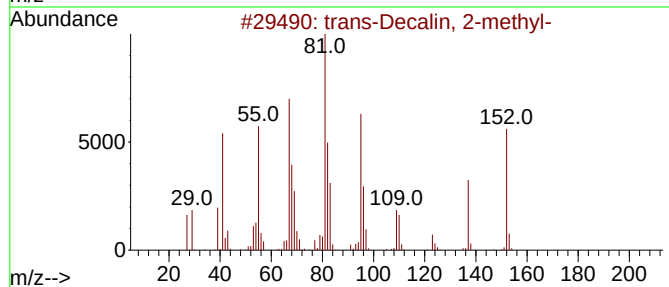
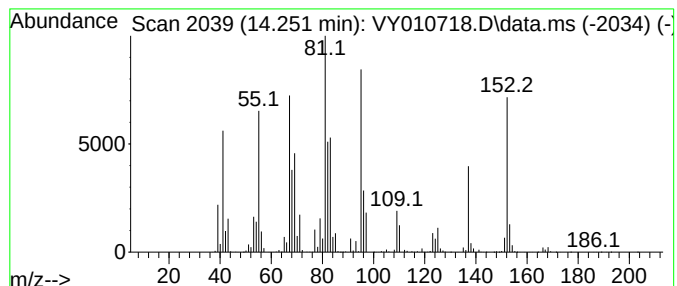
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Quant Title : SW846 8260

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	563.78 ug/l	4671300	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	78
3			Pulegone	152	C10H16O	000089-82-7	58
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	55
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010718.D
Acq On : 28 Sep 2022 15:51
Operator : KP/MD
Sample : N4850-01
Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

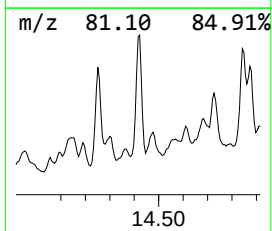
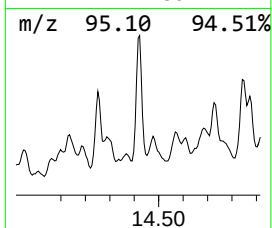
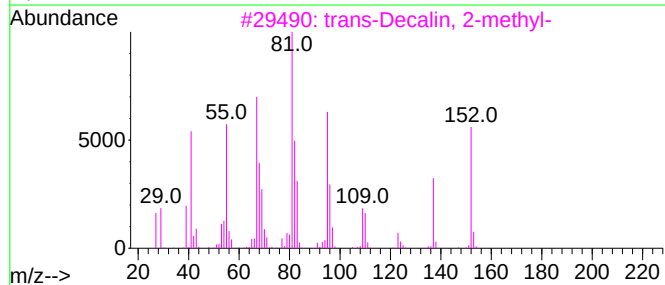
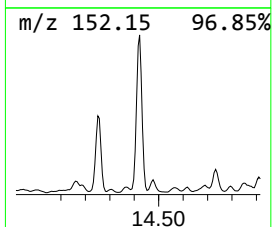
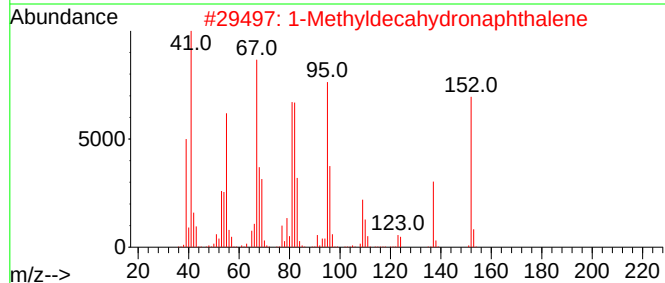
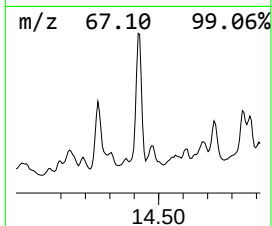
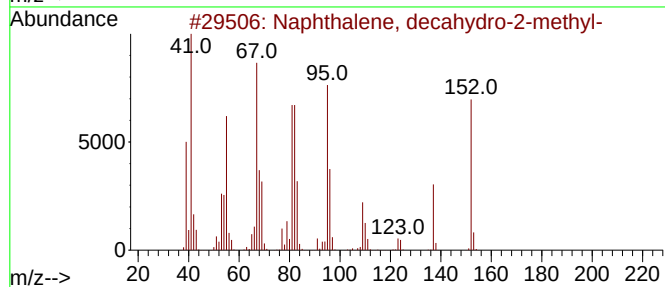
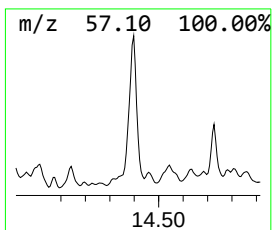
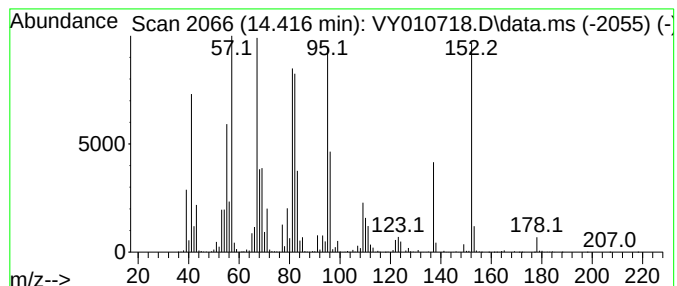
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	1295.02 ug/l	10730000	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	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74
5			8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010718.D
Acq On : 28 Sep 2022 15:51
Operator : KP/MD
Sample : N4850-01
Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

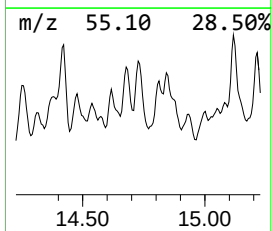
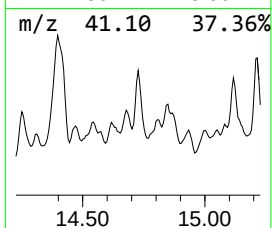
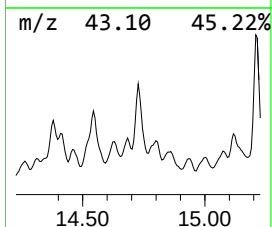
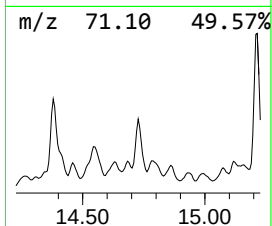
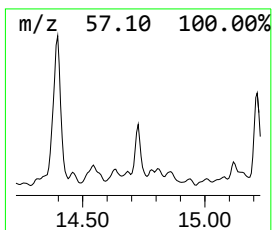
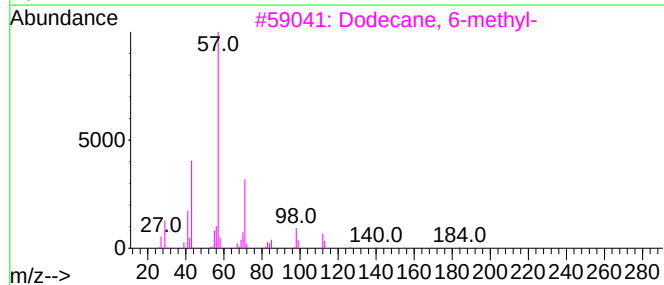
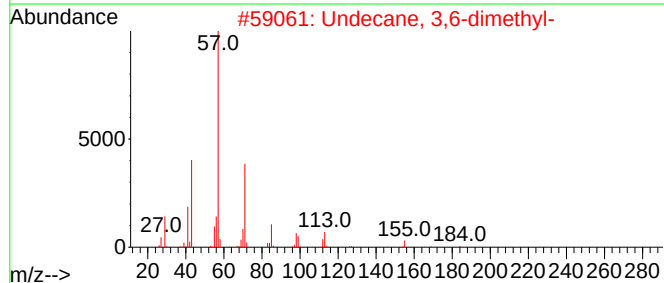
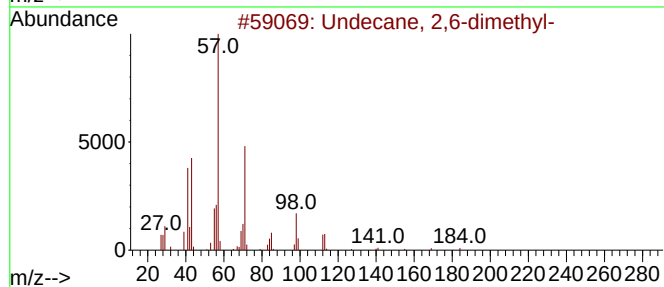
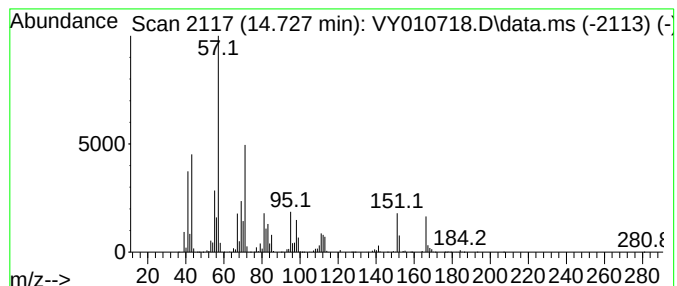
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	506.93 ug/l	4200210	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	92
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	60
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010718.D
Acq On : 28 Sep 2022 15:51
Operator : KP/MD
Sample : N4850-01
Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

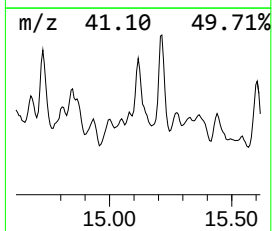
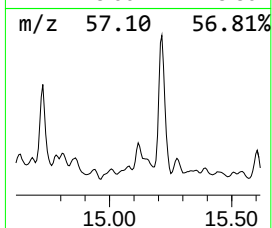
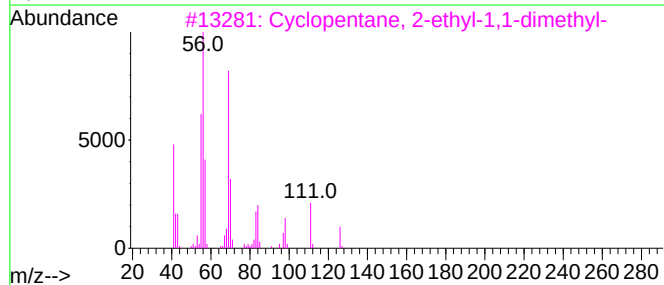
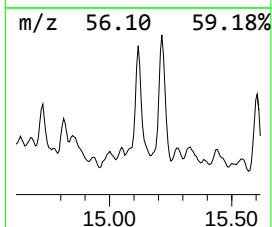
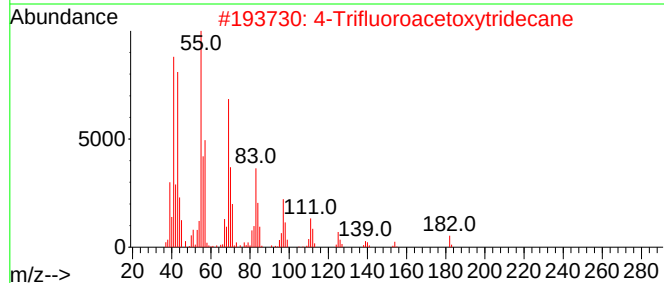
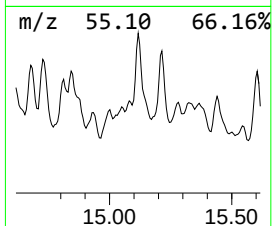
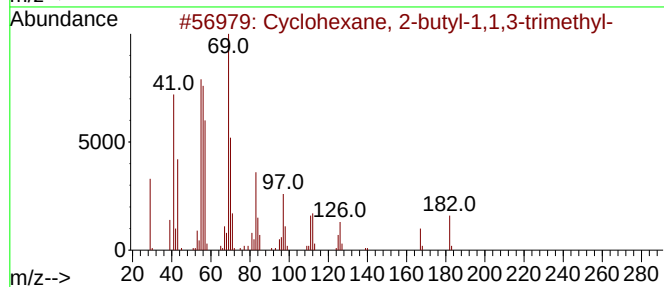
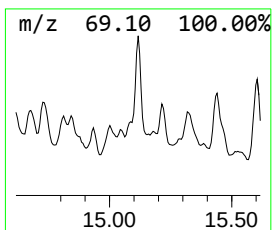
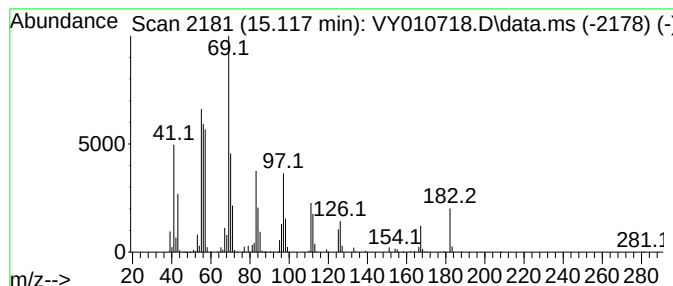
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	427.91 ug/l	3545510	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	96
2			4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	72
3			Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	58
4			6-Tridecene, (Z)-	182	C13H26	006508-77-6	50
5			Cyclohexane, 2-propyl-1,1,3-trim...	168	C12H24	081983-70-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010718.D
Acq On : 28 Sep 2022 15:51
Operator : KP/MD
Sample : N4850-01
Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

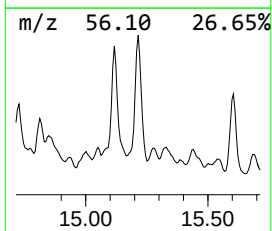
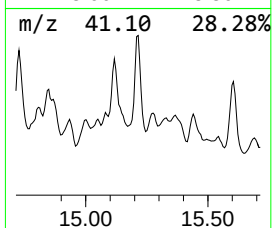
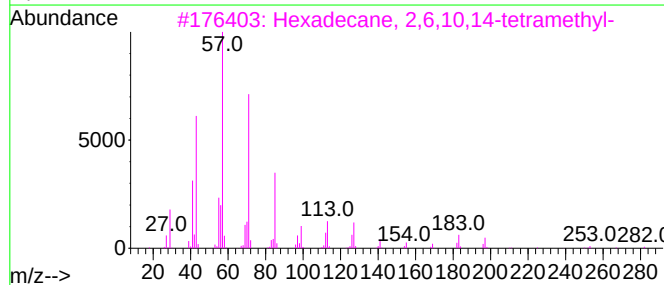
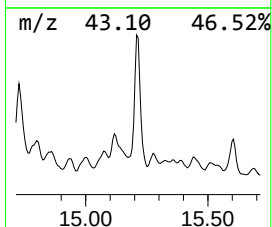
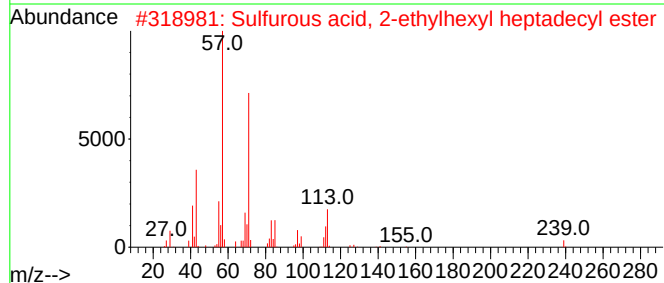
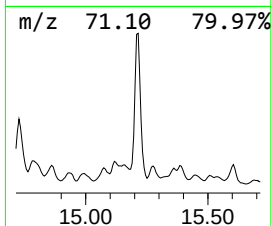
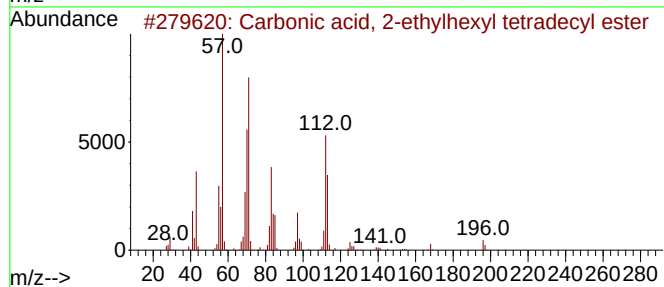
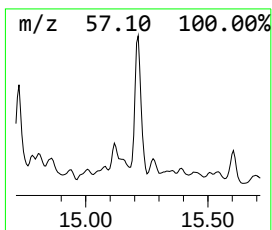
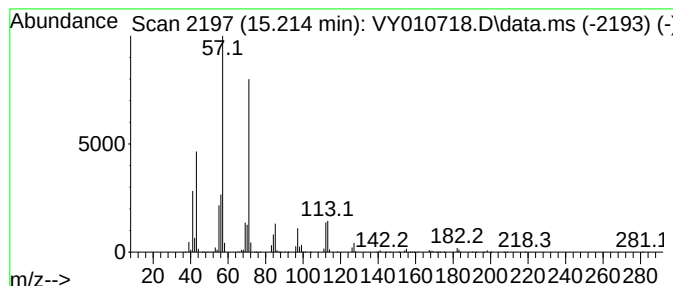
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260

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

Peak Number 9 Carbonic acid, 2-ethylhexyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	525.88 ug/l	4357250	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	83
2			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	80
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	74
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010718.D
Acq On : 28 Sep 2022 15:51
Operator : KP/MD
Sample : N4850-01
Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

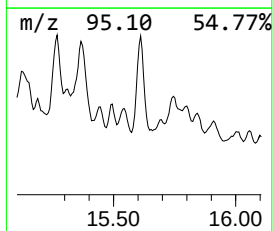
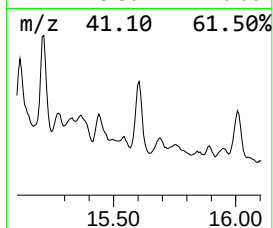
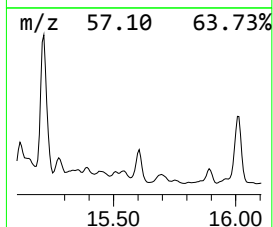
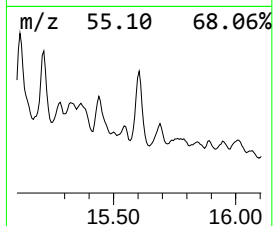
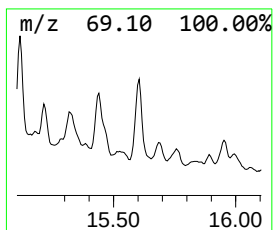
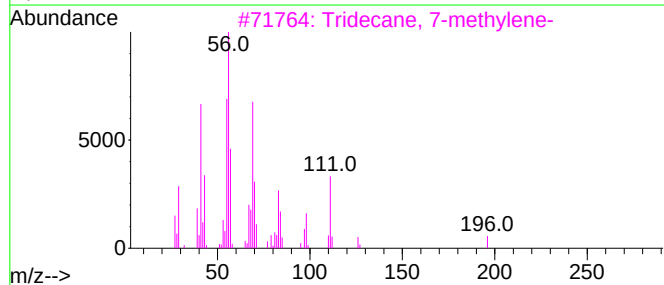
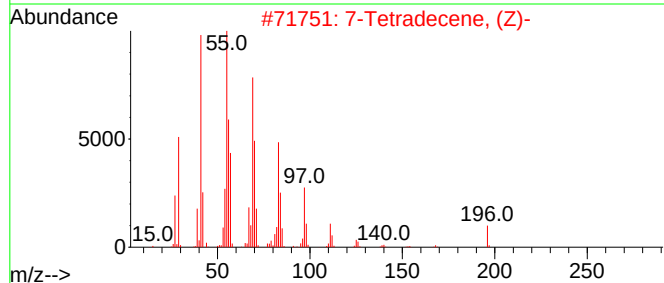
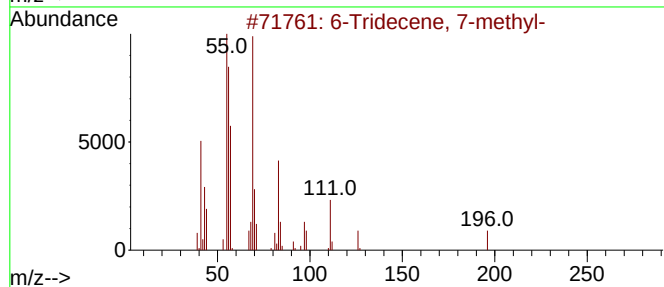
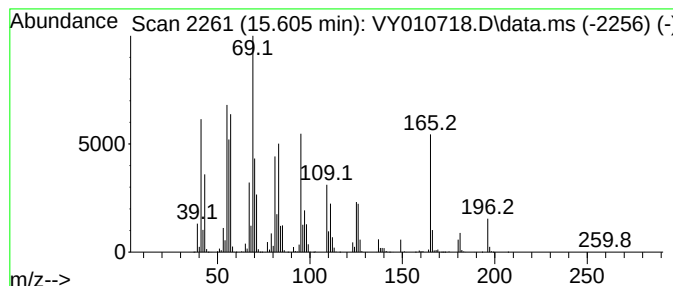
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Quant Title : SW846 8260

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

Peak Number 10 unknown15.605 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.605	563.05 ug/l	4665240	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	45	
2	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	41	
3	Tridecane, 7-methylene-	196	C14H28	019780-80-4	41	
4	3-Tetradecene, (E)-	196	C14H28	041446-68-8	38	
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010718.D
Acq On : 28 Sep 2022 15:51
Operator : KP/MD
Sample : N4850-01
Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.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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unknown13.739	13.739	445.9	ug/l	3694210	4	13.422	414282	50.0
(1,2,4-Trimethy...	13.879	315.6	ug/l	2615130	4	13.422	414282	50.0
unknown14.141	14.141	313.6	ug/l	2598130	4	13.422	414282	50.0
trans-Decalin, ...	14.251	563.8	ug/l	4671300	4	13.422	414282	50.0
Naphthalene, de...	14.416	1295.0	ug/l	10730000	4	13.422	414282	50.0
Undecane, 2,6-d...	14.727	506.9	ug/l	4200210	4	13.422	414282	50.0
Cyclohexane, 2-...	15.117	427.9	ug/l	3545510	4	13.422	414282	50.0
Carbonic acid, ...	15.214	525.9	ug/l	4357250	4	13.422	414282	50.0
unknown15.605	15.605	563.0	ug/l	4665240	4	13.422	414282	50.0