

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010520.D
 Acq On : 15 Sep 2022 18:46
 Operator : KP/MD
 Sample : N4630-19
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-4-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\82Y090922S.M
 Title : SW846 8260

Signal : TIC: VY010520.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	25	rVB2	45346	71985	1.16%	0.190%
2	2.217	59	65	76	rBV2	33390	70160	1.13%	0.185%
3	3.942	337	348	361	rBV	97079	268510	4.32%	0.708%
4	4.186	377	388	405	rVB	53709	147610	2.38%	0.389%
5	6.978	835	846	866	rBV	40472	117264	1.89%	0.309%
6	7.710	956	966	972	rBV	128010	302953	4.88%	0.799%
7	7.783	972	978	989	rVB	244121	551420	8.88%	1.453%
8	8.136	1028	1036	1048	rVB	118606	256147	4.12%	0.675%
9	8.685	1117	1126	1139	rBV	358429	699395	11.26%	1.844%
10	10.179	1363	1371	1386	rBV	535787	943402	15.19%	2.487%
11	10.898	1481	1489	1497	rBV3	23149	66325	1.07%	0.175%
12	11.087	1514	1520	1525	rBV2	67550	124290	2.00%	0.328%
13	11.142	1525	1529	1533	rVV2	47436	75751	1.22%	0.200%
14	11.294	1549	1554	1563	rVB	148415	264465	4.26%	0.697%
15	11.489	1579	1586	1596	rBV	424111	770129	12.40%	2.030%
16	11.624	1604	1608	1613	rVB	91417	132469	2.13%	0.349%
17	11.685	1613	1618	1624	rBV2	154361	320845	5.17%	0.846%
18	11.752	1624	1629	1637	rVB6	141176	372571	6.00%	0.982%
19	11.843	1637	1644	1648	rBV2	158388	336226	5.41%	0.886%
20	11.892	1649	1652	1657	rVB	75433	126608	2.04%	0.334%
21	11.989	1662	1668	1675	rBV4	305882	815891	13.14%	2.151%
22	12.056	1675	1679	1681	rBV	89405	113089	1.82%	0.298%
23	12.087	1681	1684	1687	rBV	69534	87261	1.40%	0.230%
24	12.203	1697	1703	1705	rBV3	314377	558360	8.99%	1.472%
25	12.306	1713	1720	1728	rBV6	280399	780958	12.57%	2.058%
26	12.386	1729	1733	1737	rVV5	109928	183586	2.96%	0.484%
27	12.483	1743	1749	1754	rBV5	496201	884837	14.25%	2.332%
28	12.569	1754	1763	1769	rBV7	293886	1087506	17.51%	2.867%
29	12.642	1771	1775	1782	rVB2	807817	1437414	23.14%	3.789%
30	12.727	1782	1789	1796	rBV5	505081	1453007	23.39%	3.830%
31	12.812	1796	1803	1805	rBV4	516407	1047668	16.87%	2.762%
32	12.947	1821	1825	1830	rVB4	460067	725378	11.68%	1.912%
33	13.068	1837	1845	1850	rVB5	430278	1074583	17.30%	2.832%
34	13.129	1851	1855	1858	rBV2	419255	651017	10.48%	1.716%
35	13.166	1858	1861	1871	rVB8	317878	784851	12.64%	2.069%
36	13.257	1872	1876	1877	rVV3	249275	357306	5.75%	0.942%

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37	13.288	1878	1881	1888	rVB4	478337	995465	16.03%	2.624%
38	13.349	1888	1891	1894	rBV2	157449	184581	2.97%	0.487%
39	13.489	1909	1914	1919	rVB2	582286	1031997	16.62%	2.720%
40	13.562	1922	1926	1930	rVB3	515421	795698	12.81%	2.097%
41	13.611	1930	1934	1936	rBV3	204288	307470	4.95%	0.810%
42	13.642	1936	1939	1943	rVB	421357	525782	8.47%	1.386%
43	13.690	1943	1947	1950	rBV4	254574	460538	7.41%	1.214%
44	13.745	1950	1956	1961	rVV4	797665	1370623	22.07%	3.613%
45	13.879	1975	1978	1982	rVB2	380552	540807	8.71%	1.425%
46	13.959	1986	1991	1994	rBV5	337836	684155	11.02%	1.803%
47	14.135	2015	2020	2027	rBV7	417251	1172359	18.88%	3.090%
48	14.251	2035	2039	2042	rBV	647674	1019627	16.42%	2.688%
49	14.385	2055	2061	2071	rBV3	2536146	6211070	100.00%	16.371%
50	14.519	2079	2083	2089	rBV4	329078	736020	11.85%	1.940%
51	14.849	2133	2137	2139	rBV	309454	481212	7.75%	1.268%
52	15.001	2157	2162	2165	rBV3	279594	547989	8.82%	1.444%
53	15.123	2178	2182	2194	rVB5	379854	880312	14.17%	2.320%
54	15.221	2195	2198	2203	rVB	279877	380599	6.13%	1.003%
55	15.275	2203	2207	2211	rBV5	206734	383087	6.17%	1.010%
56	15.440	2231	2234	2242	rVB5	174888	325222	5.24%	0.857%
57	15.605	2257	2261	2268	rVB3	438230	842465	13.56%	2.221%

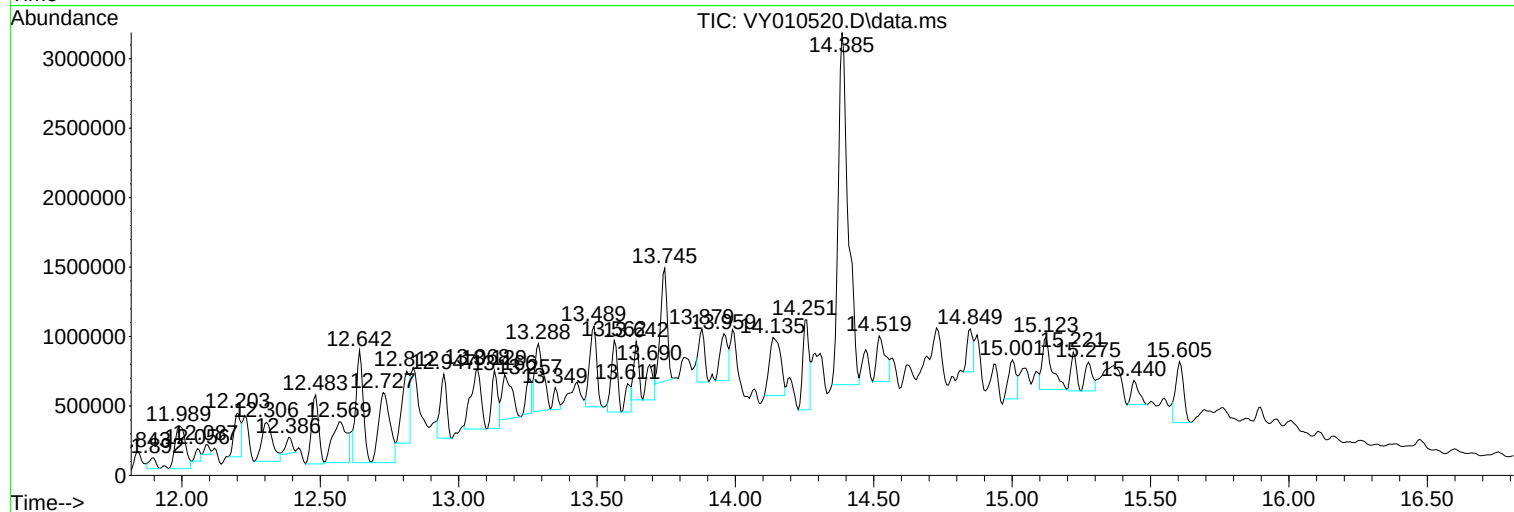
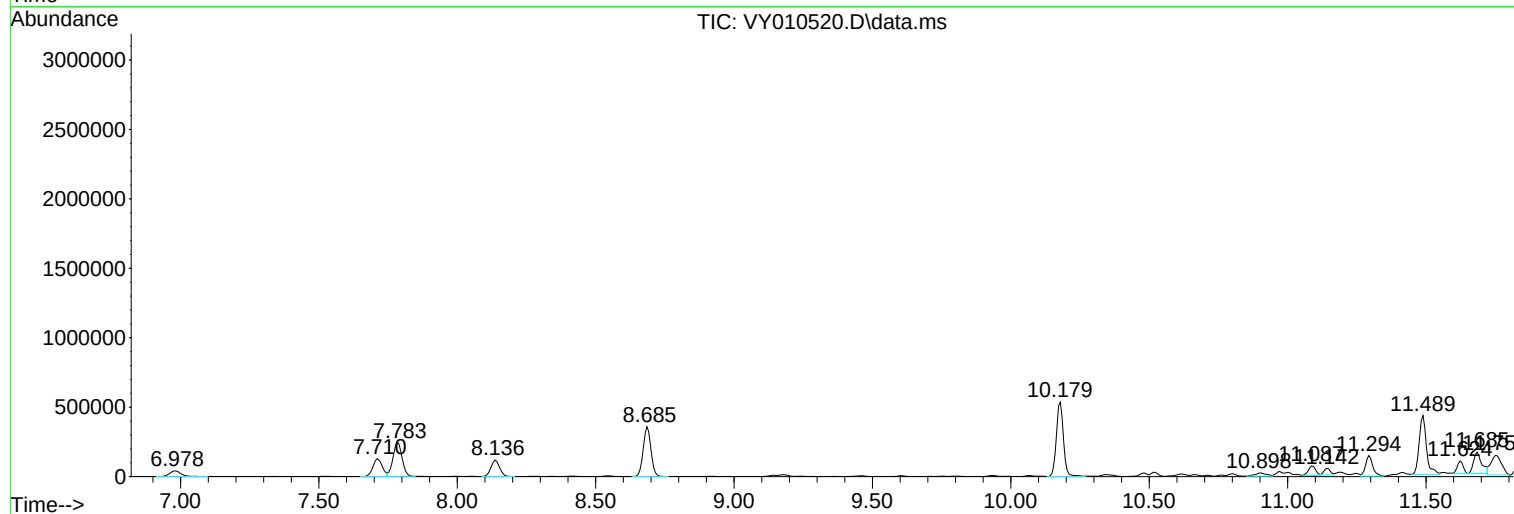
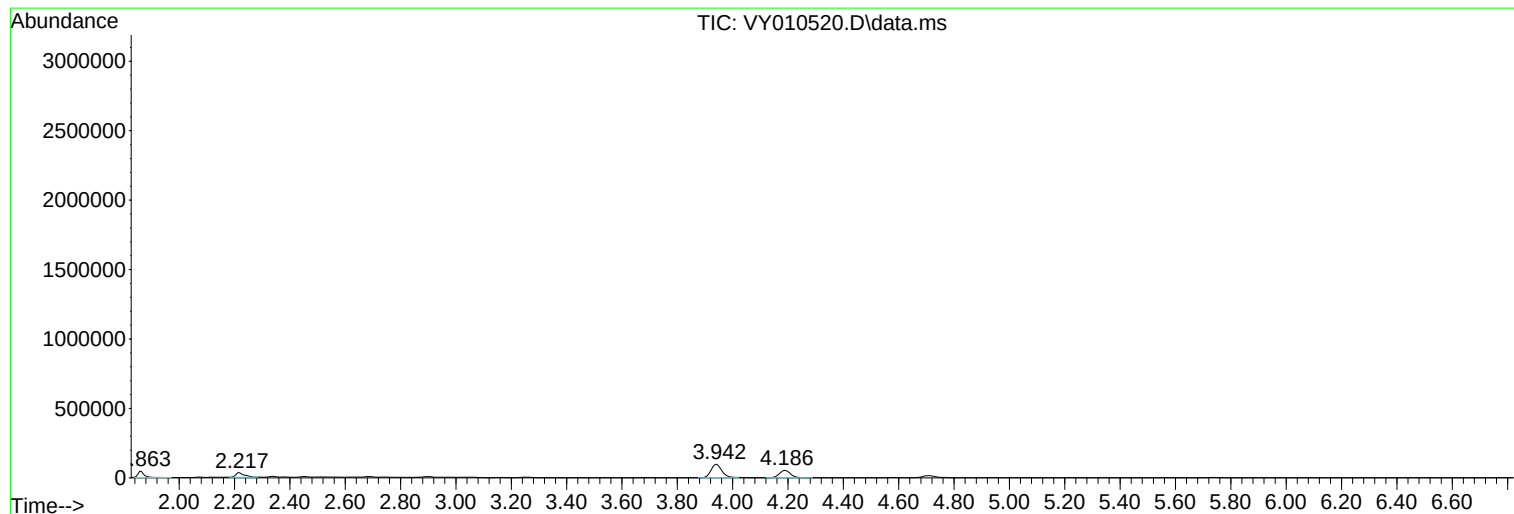
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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WC-17-4-4-GR

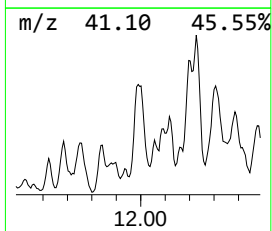
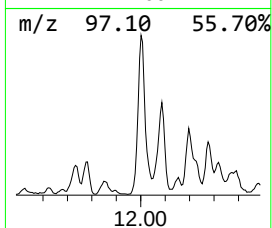
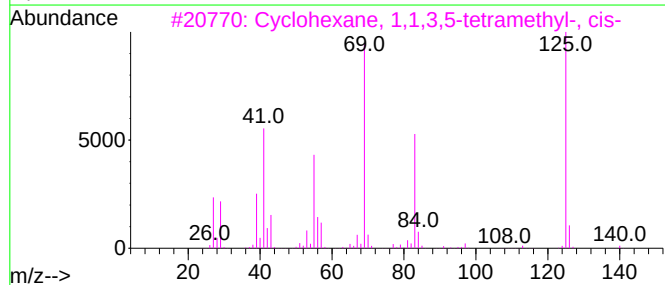
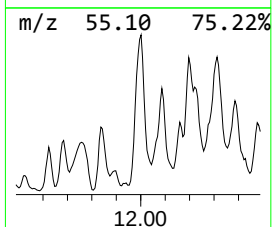
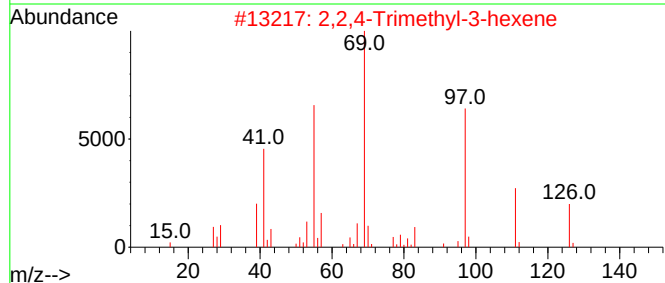
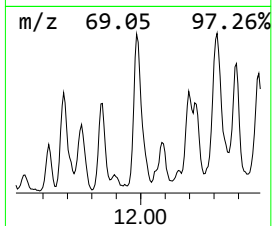
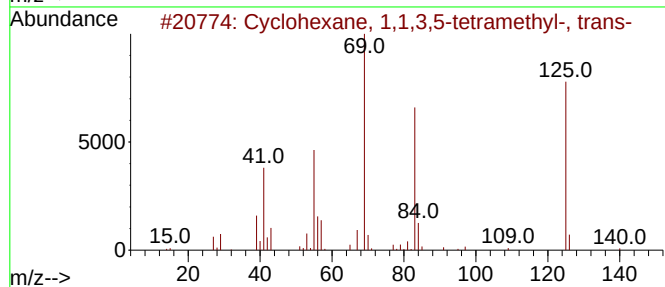
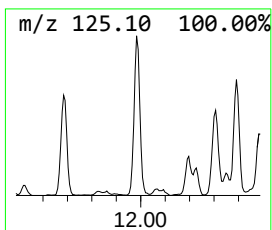
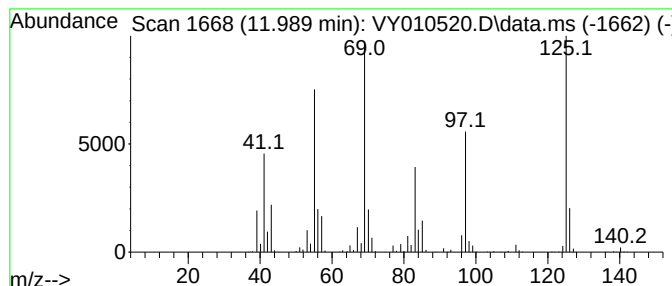
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.989	52.97 ug/l	815891	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	76
2			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	50
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	49
4			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-8	47
5			trans-2-Methyl-3-octene	126	C9H18	052937-36-7	41



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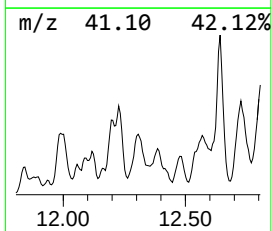
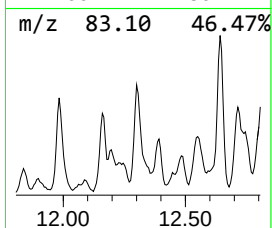
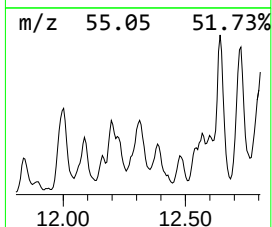
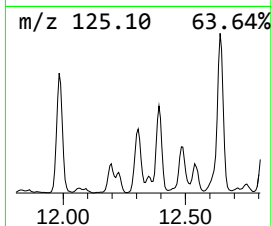
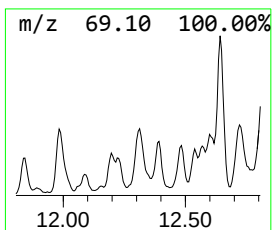
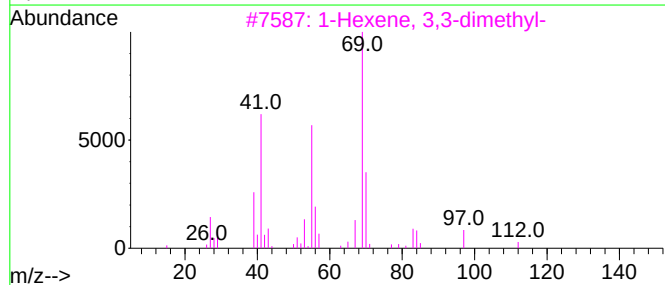
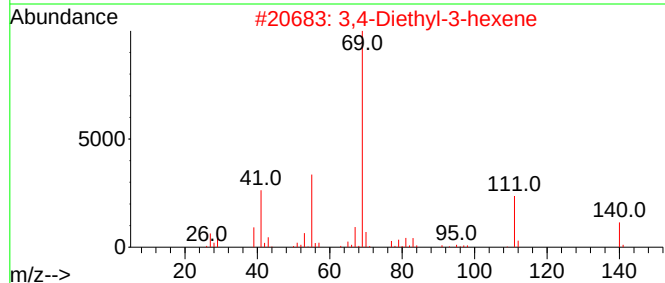
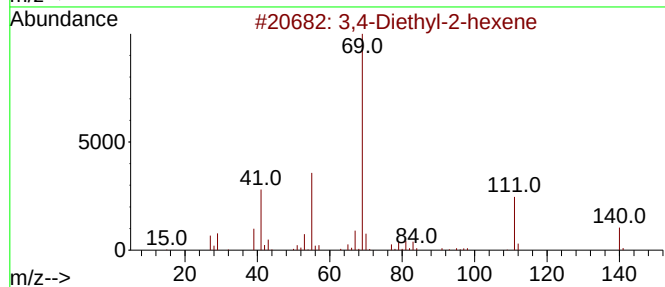
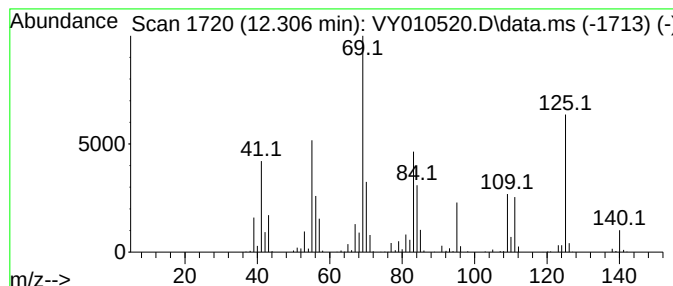
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.306 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	50.70 ug/l	780958	Chlorobenzene-d5	11.490

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	38
2		3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	30
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
4		1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	30
5		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	27



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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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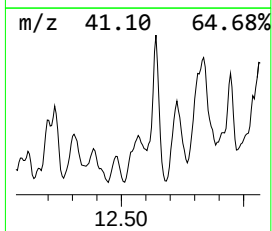
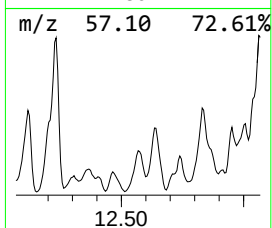
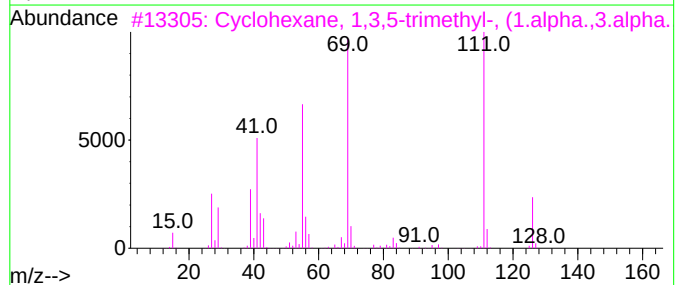
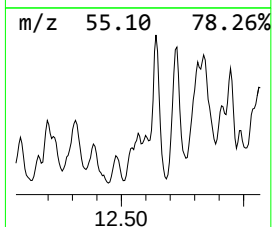
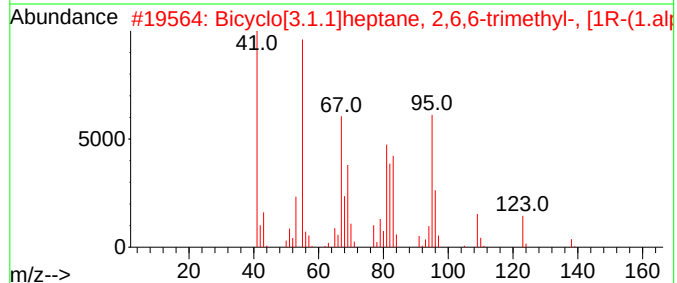
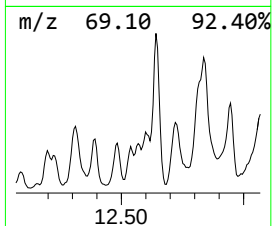
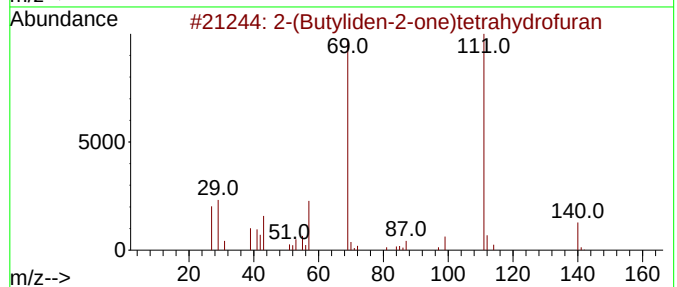
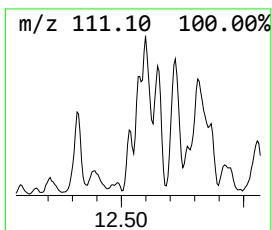
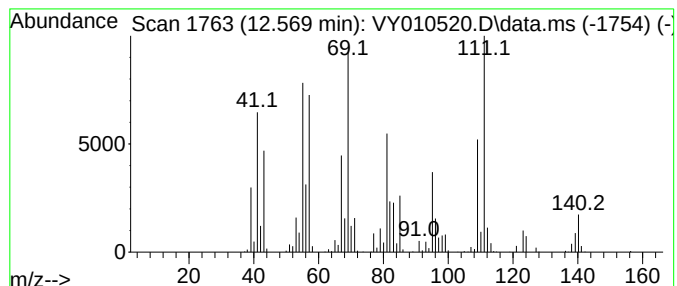
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.569 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	52.69 ug/l	1087510	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Butylden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	46		
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	44		
3	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	38		
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	30		
5	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	25		



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Instrument :
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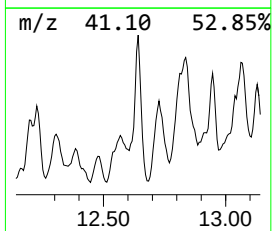
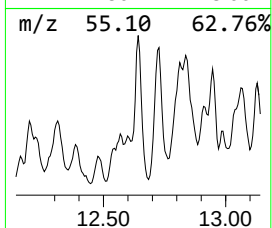
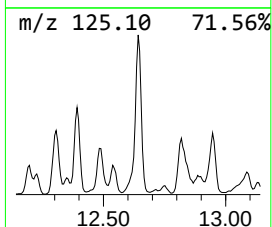
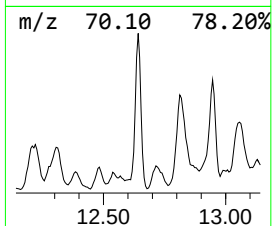
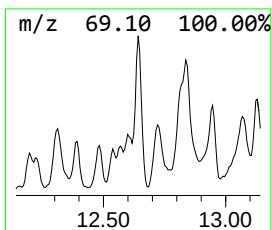
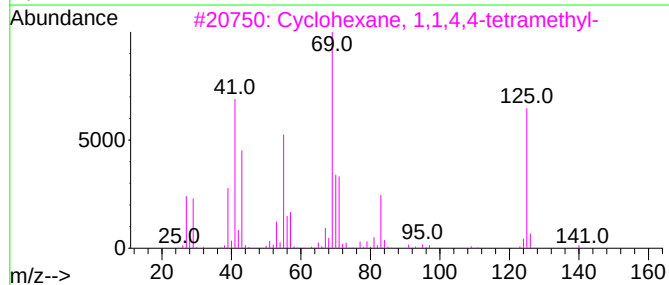
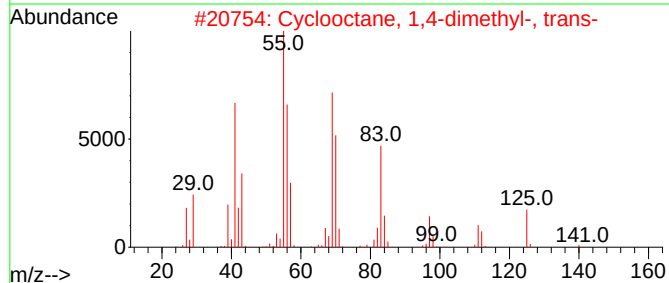
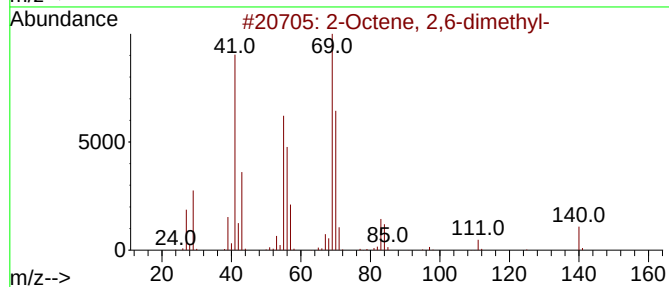
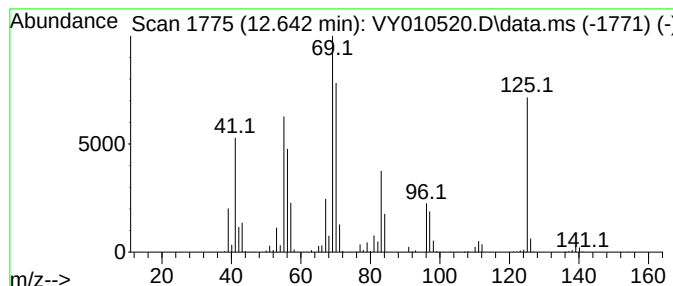
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Quant Title : SW846 8260

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

Peak Number 4 2-Octene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	69.64 ug/l	1437410	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
2			Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	47
3			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	46
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
5			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	38



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Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

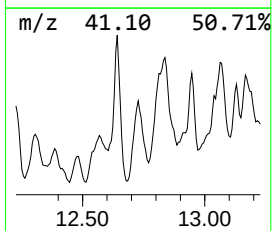
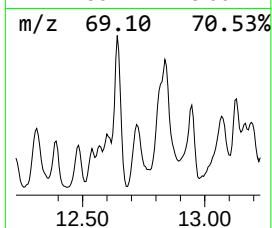
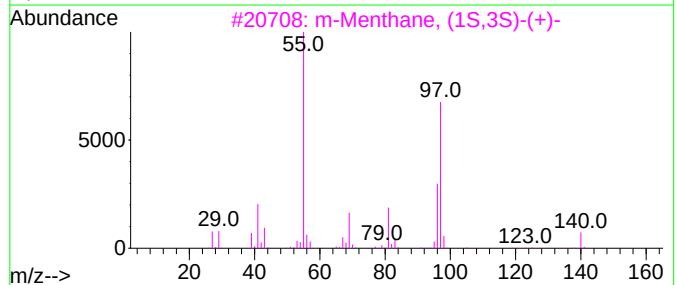
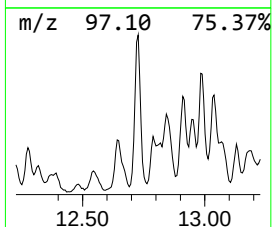
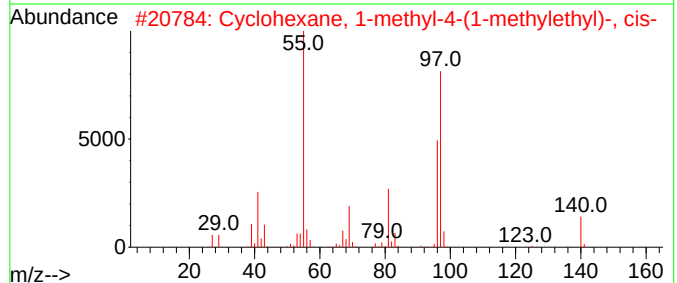
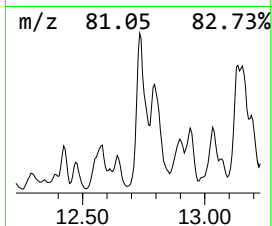
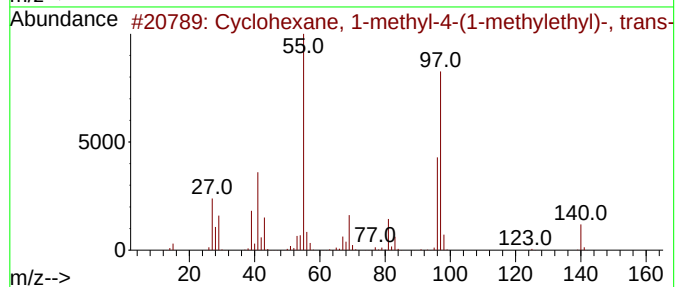
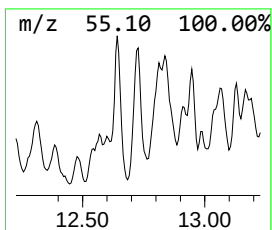
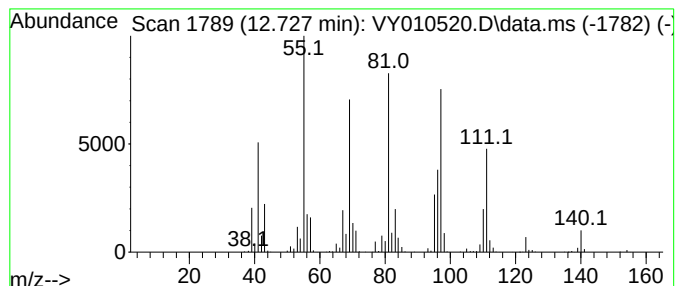
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.727 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	70.40 ug/l	1453010	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
Data File : VY010520.D
Acq On : 15 Sep 2022 18:46
Operator : KP/MD
Sample : N4630-19
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

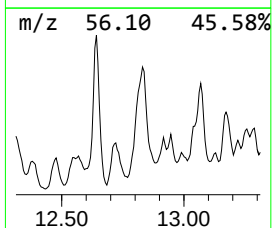
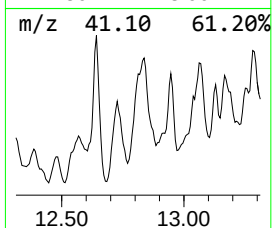
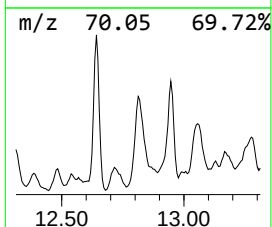
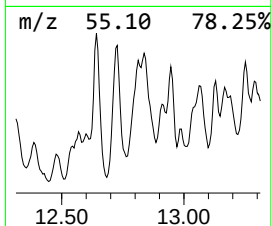
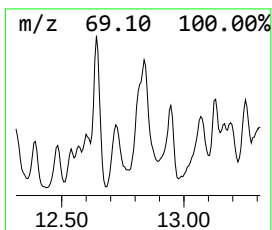
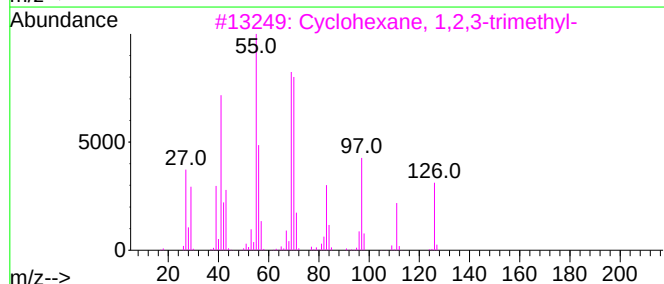
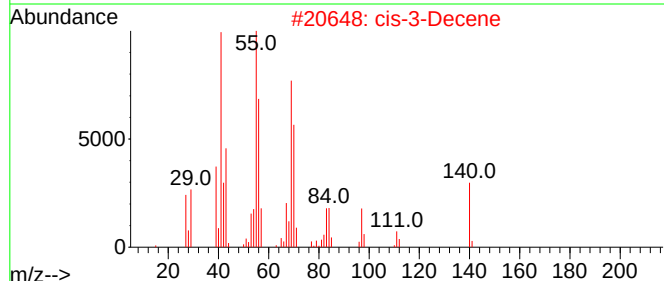
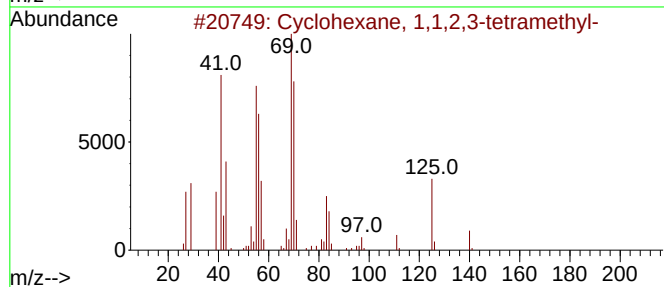
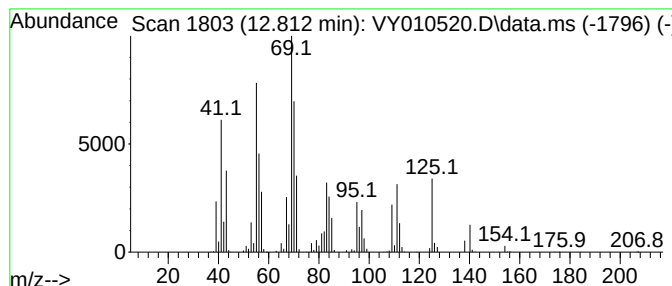
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	50.76 ug/l	1047670	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	76
2		cis-3-Decene	140	C10H20	019398-86-8	76
3		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	53
4		Cyclopentane, pentyl-	140	C10H20	003741-00-2	49
5		Cyclopentane, propyl-	112	C8H16	002040-96-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
Data File : VY010520.D
Acq On : 15 Sep 2022 18:46
Operator : KP/MD
Sample : N4630-19
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

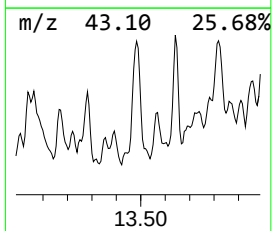
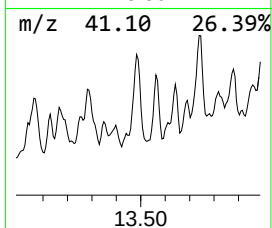
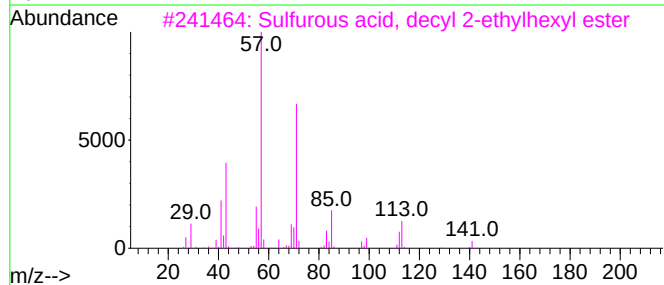
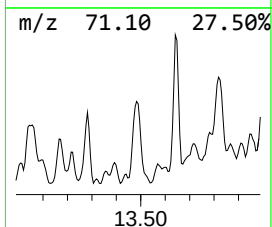
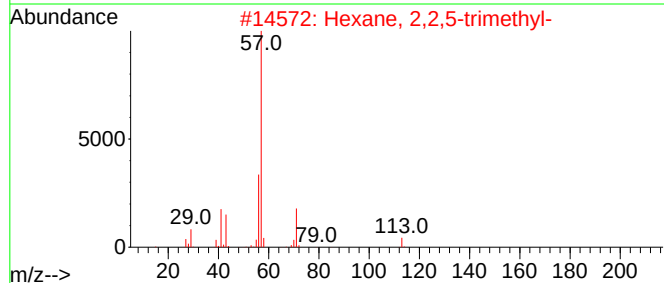
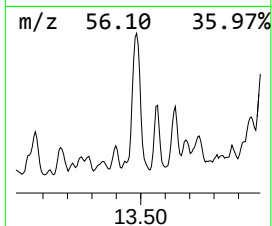
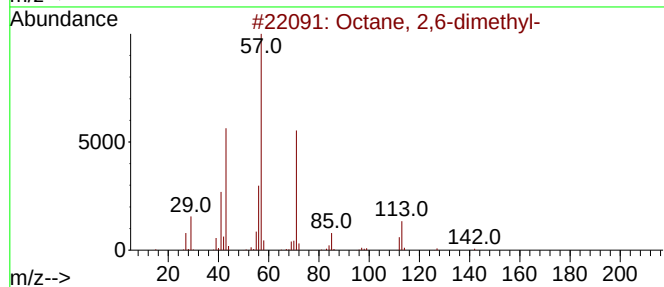
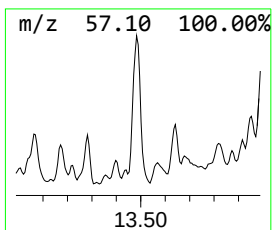
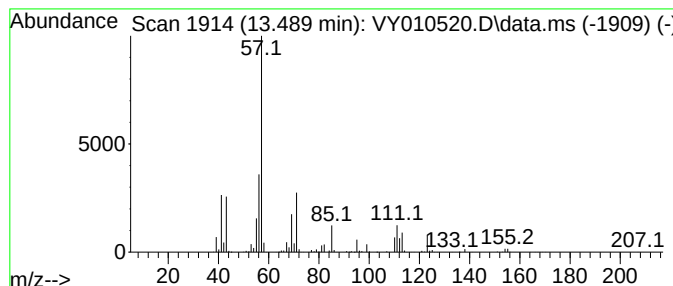
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Quant Title : SW846 8260

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	50.00 ug/l	1032000	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47
4			Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	47
5			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
Data File : VY010520.D
Acq On : 15 Sep 2022 18:46
Operator : KP/MD
Sample : N4630-19
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

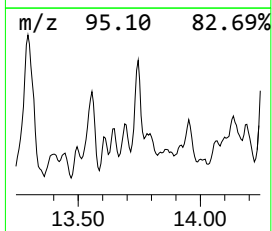
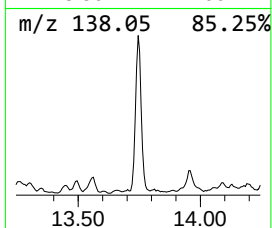
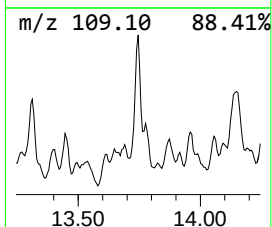
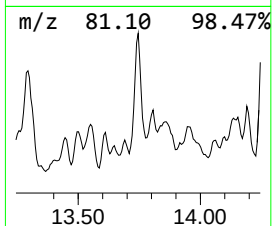
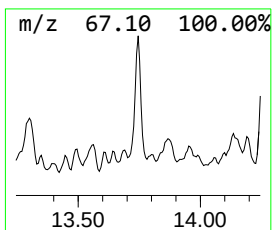
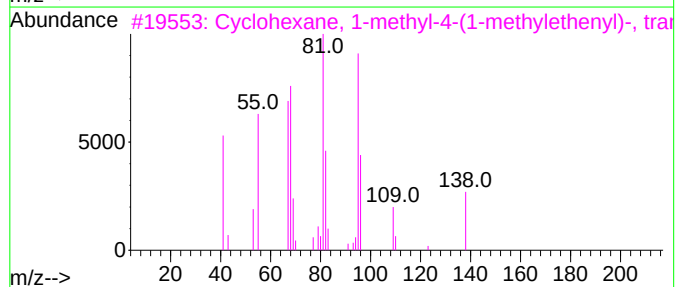
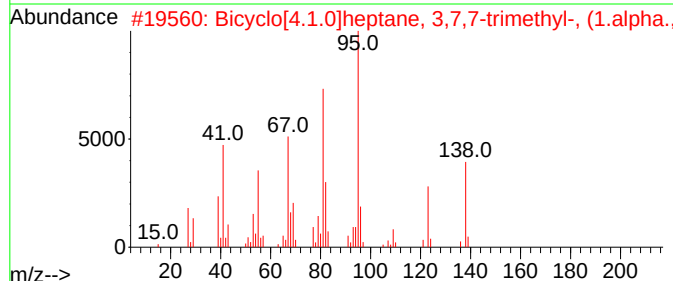
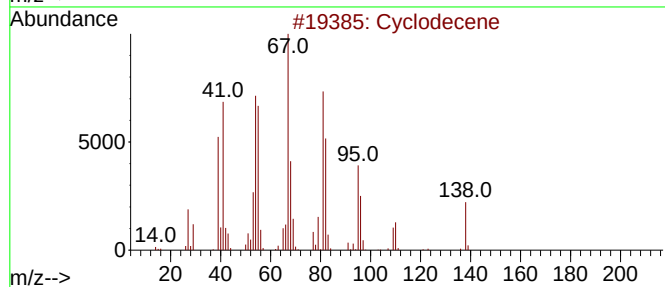
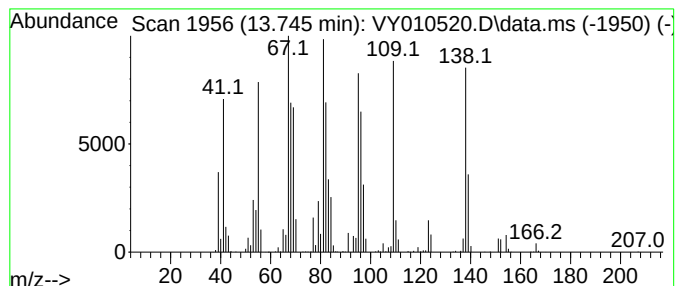
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Quant Title : SW846 8260

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

Peak Number 8 Cyclodecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	66.41 ug/l	1370620	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecene	138	C10H18	003618-12-0	76
2			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	64
3			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	64
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	64
5			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
Data File : VY010520.D
Acq On : 15 Sep 2022 18:46
Operator : KP/MD
Sample : N4630-19
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

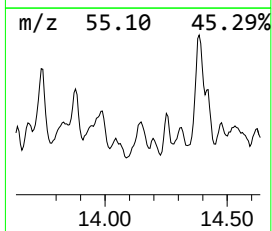
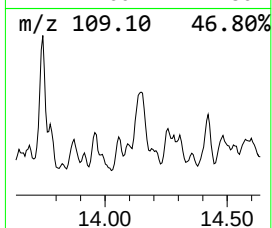
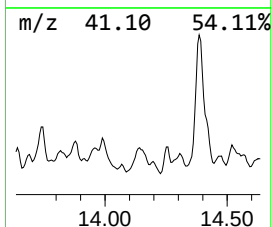
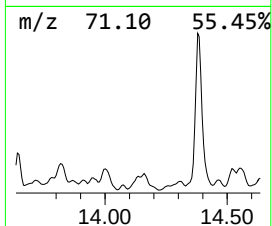
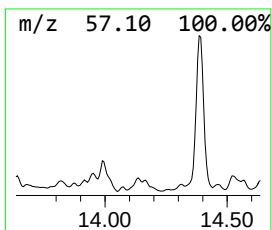
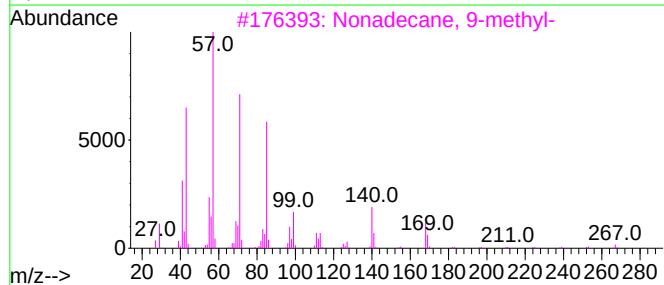
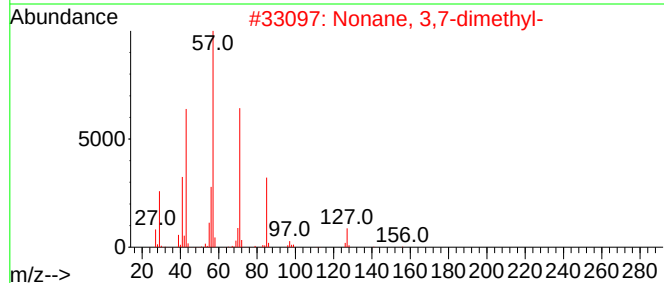
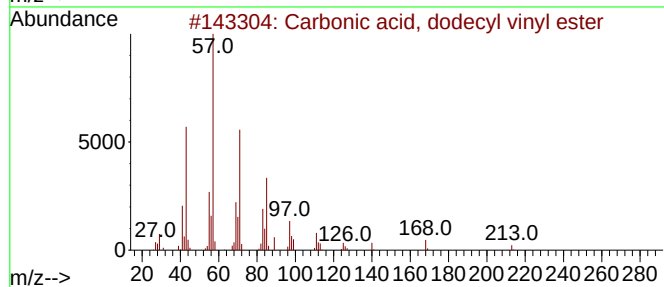
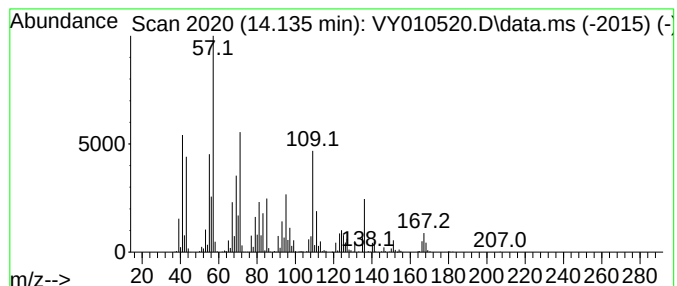
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Quant Title : SW846 8260

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

Peak Number 9 unknown14.135 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	56.80 ug/l	1172360	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	35
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	27
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	27
4			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	22
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
Data File : VY010520.D
Acq On : 15 Sep 2022 18:46
Operator : KP/MD
Sample : N4630-19
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

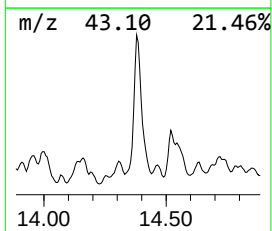
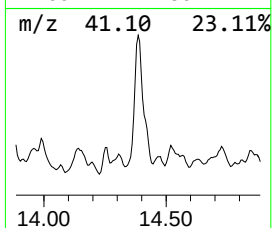
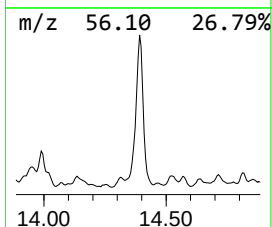
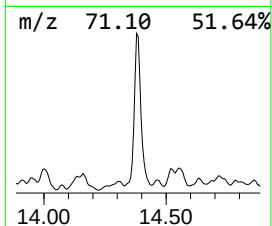
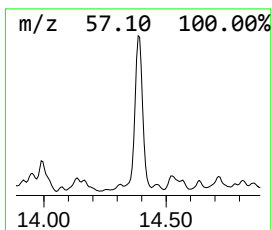
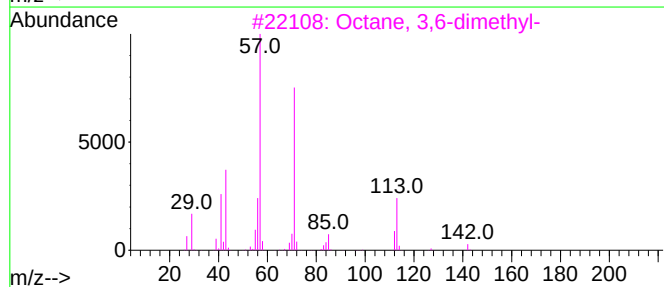
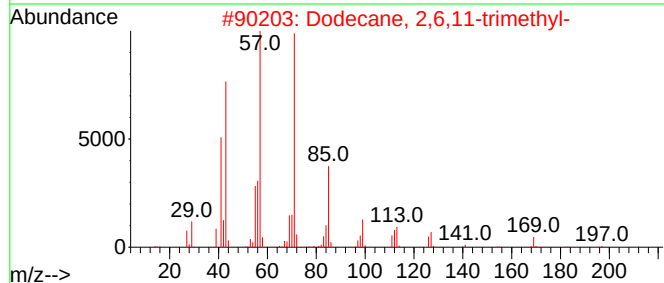
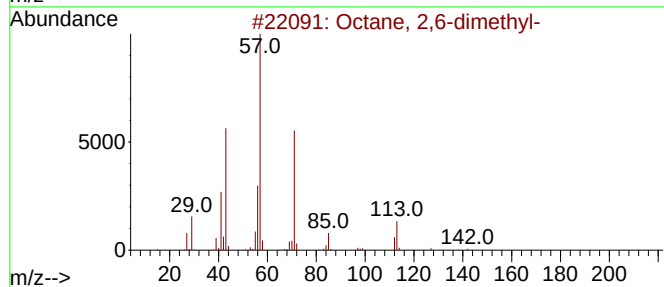
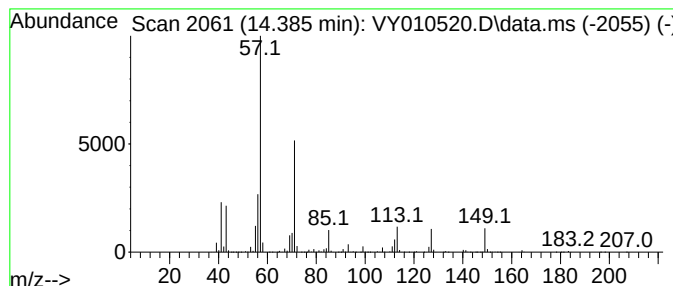
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	300.93 ug/l	6211070	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	64
2	Dodecane, 2,6,11-trimethyl-			212	C15H32	031295-56-4	59
3	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	59
4	Dodecane, 2,6,10-trimethyl-			212	C15H32	003891-98-3	59
5	Nonane, 3-methyl-			142	C10H22	005911-04-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
Data File : VY010520.D
Acq On : 15 Sep 2022 18:46
Operator : KP/MD
Sample : N4630-19
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.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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unknown12.306	12.306	50.7	ug/l	780958	3	11.490	770129	50.0
unknown12.569	12.569	52.7	ug/l	1087510	4	13.422	1032000	50.0
2-Octene, 2,6-d...	12.642	69.6	ug/l	1437410	4	13.422	1032000	50.0
unknown12.727	12.727	70.4	ug/l	1453010	4	13.422	1032000	50.0
Cyclohexane, 1,...	12.812	50.8	ug/l	1047670	4	13.422	1032000	50.0
Octane, 2,6-dim...	13.489	50.0	ug/l	1032000	4	13.422	1032000	50.0
Cyclodecene	13.745	66.4	ug/l	1370620	4	13.422	1032000	50.0
unknown14.135	14.135	56.8	ug/l	1172360	4	13.422	1032000	50.0
Dodecane, 2,6,1...	14.385	300.9	ug/l	6211070	4	13.422	1032000	50.0