

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006200.D
 Acq On : 28 Sep 2021 19:52
 Operator : SY/MD
 Sample : M3938-06
 Misc : 6.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUB-SLAB-08(12-14)

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\82Y092821S.M
 Title : SW846 8260

Signal : TIC: VY006200.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.795	974	980	992	rVB	194479	441079	1.36%	0.108%
2	8.697	1118	1128	1141	rBV	308550	610429	1.88%	0.149%
3	10.185	1365	1372	1386	rVB	541754	998857	3.08%	0.244%
4	10.721	1454	1460	1466	rVB2	571050	932480	2.88%	0.228%
5	10.807	1468	1474	1481	rVB	299116	512704	1.58%	0.125%
6	10.904	1481	1490	1497	rBV	303109	698097	2.16%	0.171%
7	10.977	1497	1502	1508	rVB	345324	537713	1.66%	0.131%
8	11.093	1515	1521	1526	rBV	769399	1294863	4.00%	0.317%
9	11.209	1534	1540	1543	rBV3	532738	929103	2.87%	0.227%
10	11.252	1543	1547	1549	rBV2	291743	428456	1.32%	0.105%
11	11.300	1549	1555	1563	rVB2	1717543	3739486	11.54%	0.914%
12	11.380	1563	1568	1572	rBV2	520587	891405	2.75%	0.218%
13	11.416	1572	1574	1579	rVB3	277080	362652	1.12%	0.089%
14	11.483	1579	1585	1591	rBV2	804159	1745441	5.39%	0.427%
15	11.569	1595	1599	1604	rVB	686428	958227	2.96%	0.234%
16	11.630	1604	1609	1613	rBV	1724033	2707404	8.36%	0.662%
17	11.685	1613	1618	1622	rBV2	1906799	3396275	10.48%	0.831%
18	11.739	1622	1627	1631	rBV2	4563005	7827372	24.16%	1.914%
19	11.782	1631	1634	1639	rVB2	2935846	4708934	14.54%	1.152%
20	11.843	1639	1644	1646	rBV2	774448	1239390	3.83%	0.303%
21	11.880	1646	1650	1655	rBV2	962659	1995151	6.16%	0.488%
22	11.941	1655	1660	1664	rBV2	3593100	5553706	17.14%	1.358%
23	12.014	1664	1672	1678	rBV4	14084200	32392909	100.00%	7.921%
24	12.063	1678	1680	1683	rVB2	2265990	2268947	7.00%	0.555%
25	12.093	1683	1685	1687	rBV	745033	730172	2.25%	0.179%
26	12.130	1687	1691	1695	rVB	15915133	21453416	66.23%	5.246%
27	12.209	1695	1704	1706	rBV2	9791538	19368713	59.79%	4.736%
28	12.239	1706	1709	1714	rVB	11639711	16781285	51.81%	4.104%
29	12.300	1714	1719	1721	rBV3	2904122	6352718	19.61%	1.553%
30	12.331	1721	1724	1726	rVV	1984000	2429259	7.50%	0.594%
31	12.380	1726	1732	1736	rVV5	4931315	10742507	33.16%	2.627%
32	12.422	1736	1739	1744	rVB2	6522891	10099800	31.18%	2.470%
33	12.495	1744	1751	1755	rBV4	4209445	8210312	25.35%	2.008%
34	12.581	1755	1765	1768	rBV6	7802807	18822056	58.11%	4.603%
35	12.648	1773	1776	1783	rVB2	12623581	22676381	70.00%	5.545%
36	12.733	1783	1790	1795	rBV5	7429888	18698022	57.72%	4.572%

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37	12.812	1796	1803	1808	rVV6	11413830	25828083	79.73%	6.316%
38	12.867	1808	1812	1817	rVB3	8901864	14406406	44.47%	3.523%
39	12.922	1817	1821	1822	rBV3	1622163	1990759	6.15%	0.487%
40	12.959	1822	1827	1830	rBV3	9031426	12035030	37.15%	2.943%
41	13.007	1830	1835	1838	rVV2	7359252	13445259	41.51%	3.288%
42	13.044	1838	1841	1848	rVB	18014823	26998973	83.35%	6.602%
43	13.105	1848	1851	1858	rVB4	4677857	7562036	23.34%	1.849%
44	13.172	1858	1862	1867	rBV2	7794730	12054799	37.21%	2.948%
45	13.227	1867	1871	1874	rBV	3469414	4431234	13.68%	1.084%
46	13.300	1879	1883	1885	rBV2	4152381	6782873	20.94%	1.659%
47	13.361	1890	1893	1898	rVB3	3853652	5535898	17.09%	1.354%
48	13.568	1923	1927	1931	rVB4	1803795	2931996	9.05%	0.717%
49	13.751	1951	1957	1962	rBV	8060950	13302643	41.07%	3.253%
50	13.800	1962	1965	1969	rVV4	1183586	2405656	7.43%	0.588%
51	13.861	1971	1975	1980	rVV6	1797425	4080845	12.60%	0.998%
52	13.922	1980	1985	1990	rVV5	1778887	4973329	15.35%	1.216%
53	13.971	1990	1993	1997	rVV5	1432657	2337380	7.22%	0.572%
54	14.013	1998	2000	2006	rVB	1425659	1994388	6.16%	0.488%
55	14.074	2006	2010	2015	rBV3	682372	996698	3.08%	0.244%
56	14.141	2015	2021	2027	rVB4	1331872	2913841	9.00%	0.713%
57	14.196	2027	2030	2034	rBV4	607599	853204	2.63%	0.209%
58	14.263	2036	2041	2057	rVB5	1616905	4884873	15.08%	1.195%
59	14.422	2064	2067	2071	rVB4	720490	1058218	3.27%	0.259%
60	14.477	2072	2076	2084	rVB6	410970	934962	2.89%	0.229%
61	14.733	2114	2118	2124	rVB2	377955	658080	2.03%	0.161%

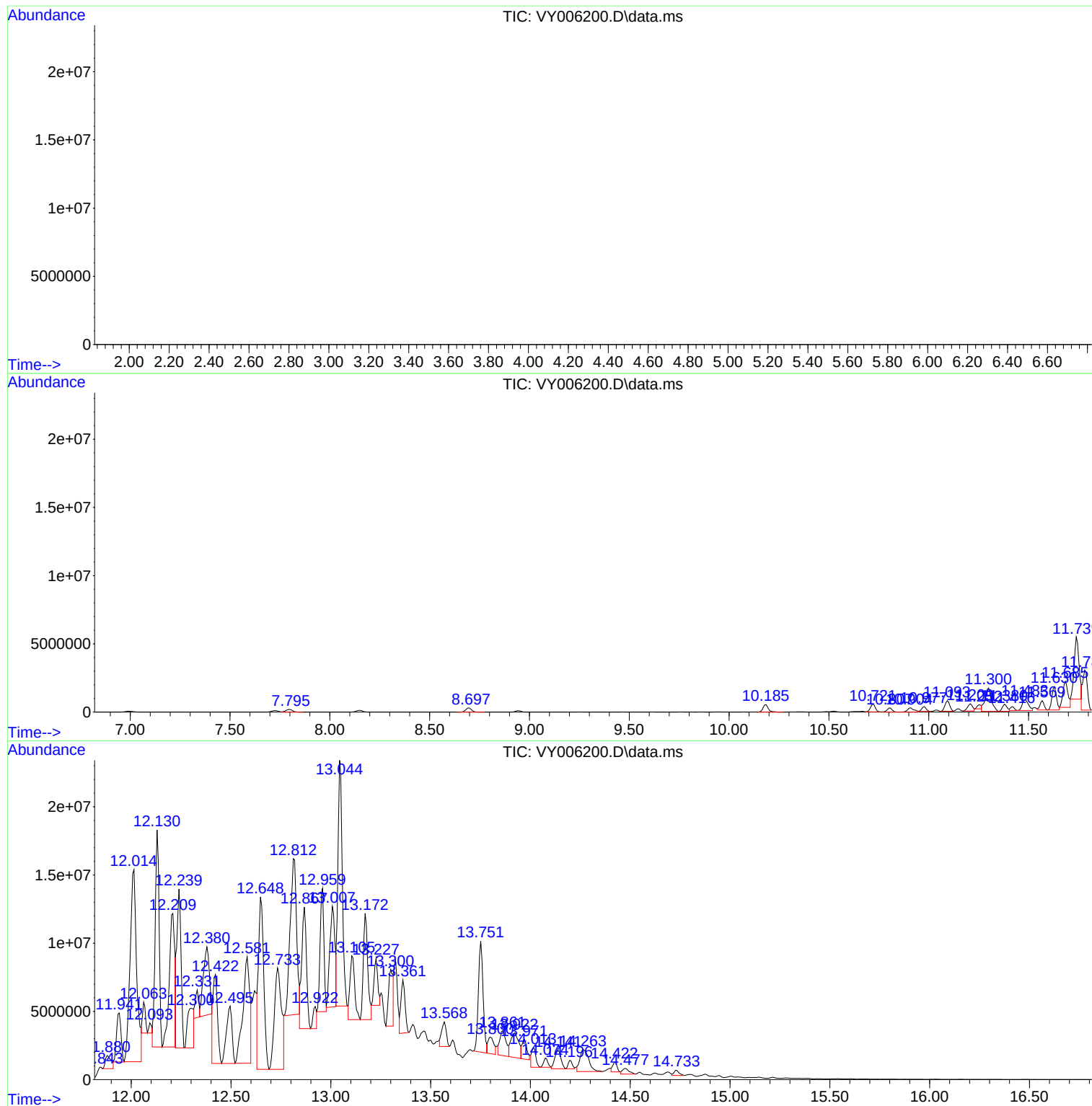
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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



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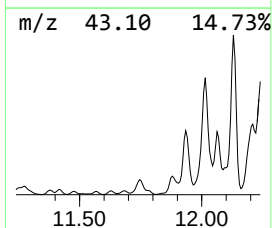
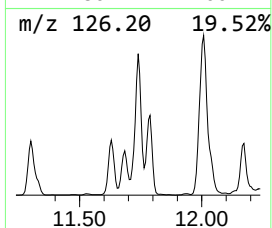
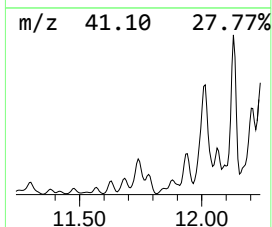
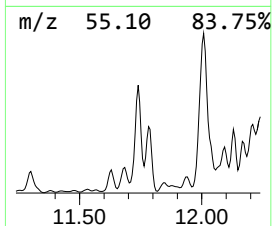
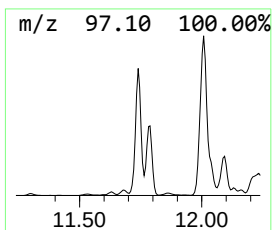
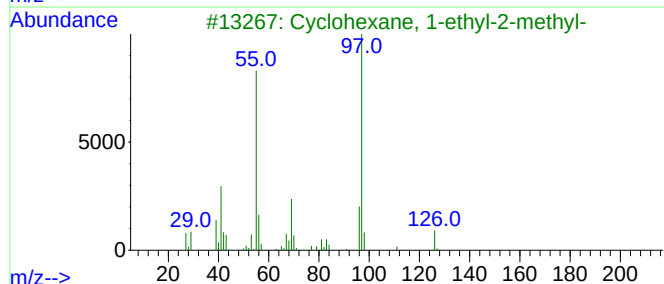
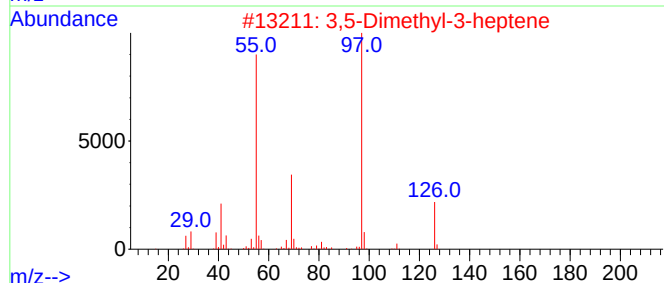
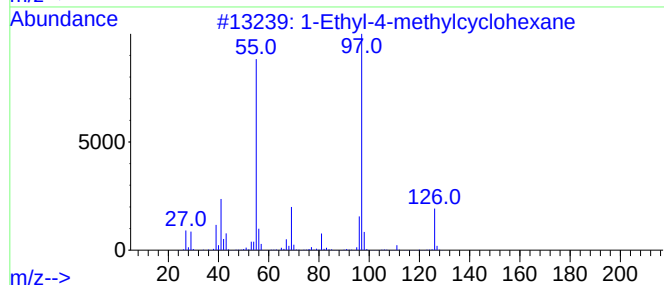
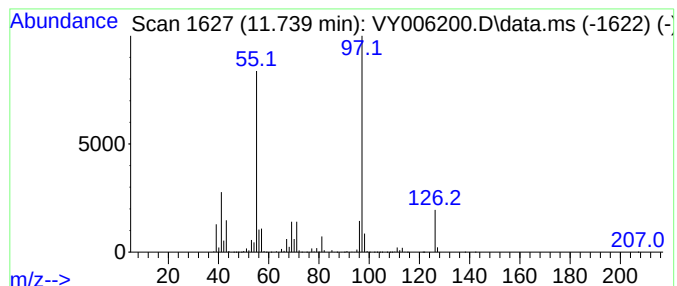
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Ethyl-4-methylcyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	224.22 ug/l	7827370	Chlorobenzene-d5	11.490

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	94
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	81
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
5		4-Octen-3-one	126	C8H14O	014129-48-7	72



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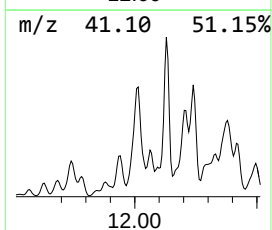
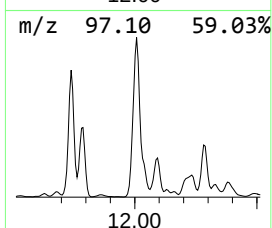
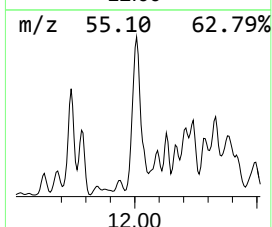
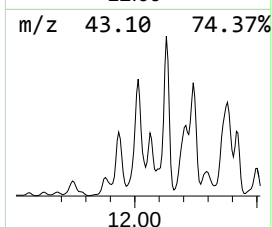
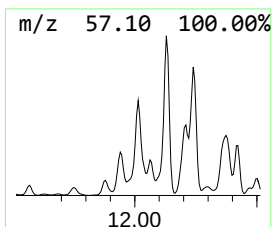
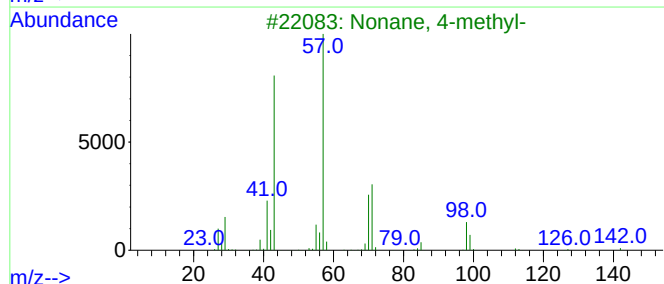
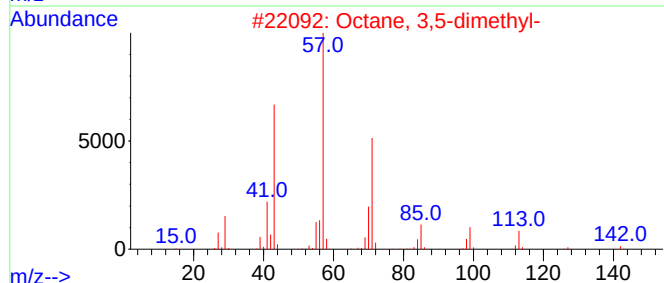
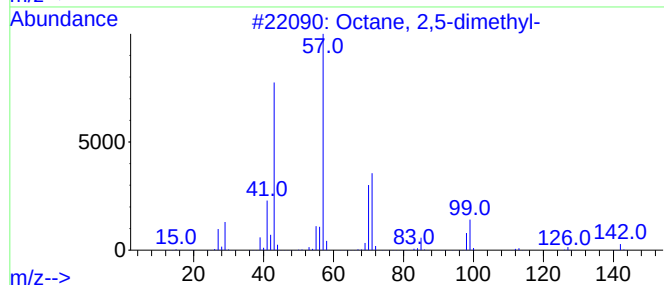
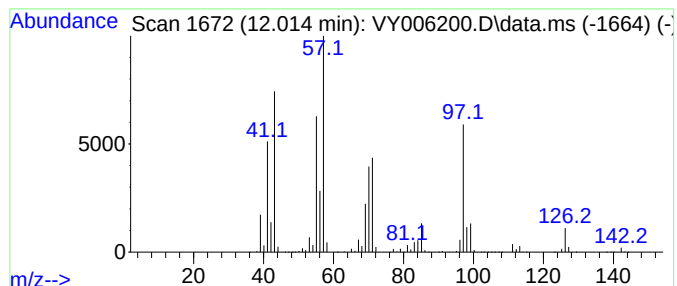
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.014 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	927.93 ug/l	32392900	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	49
2			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	45
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	38
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	35
5			Hexamethylenimine	99	C6H13N	000111-49-9	30



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Instrument :
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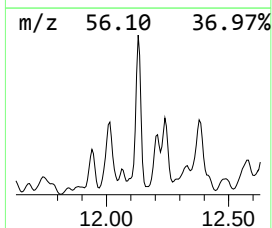
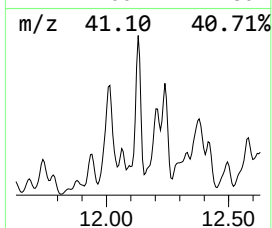
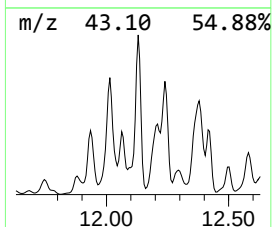
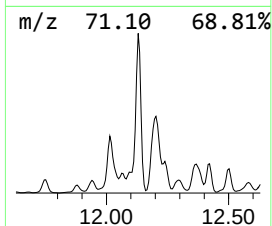
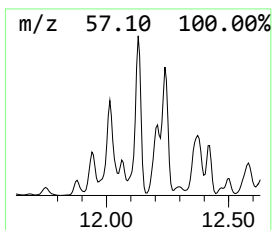
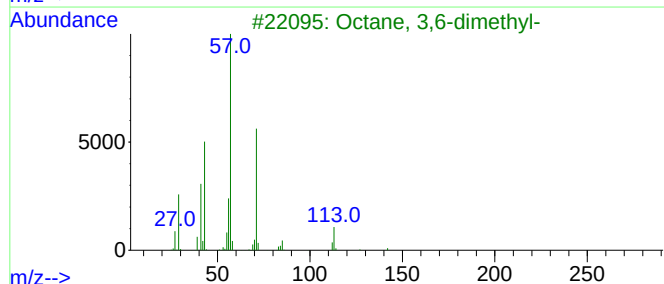
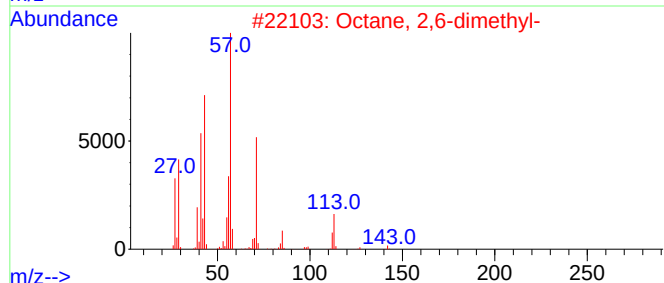
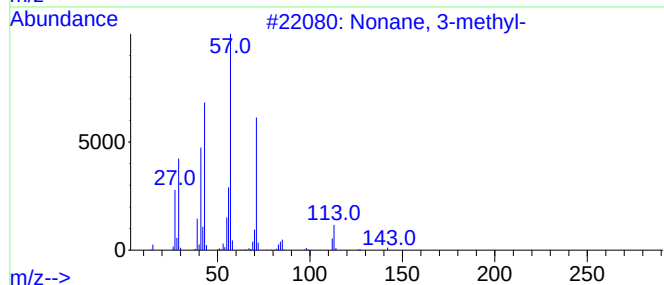
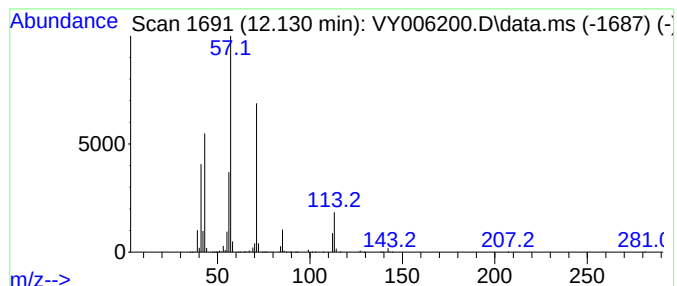
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Quant Title : SW846 8260

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

Peak Number 3 Nonane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.130	614.56 ug/l	21453400	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



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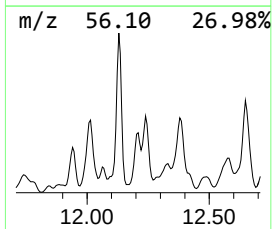
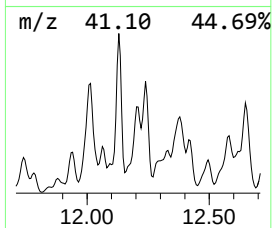
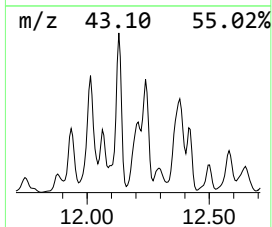
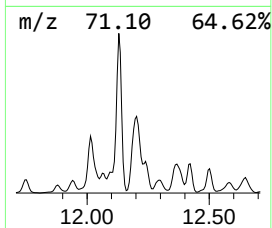
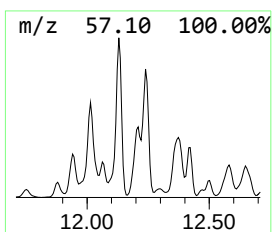
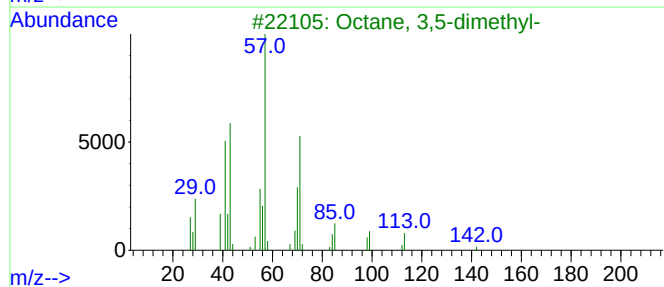
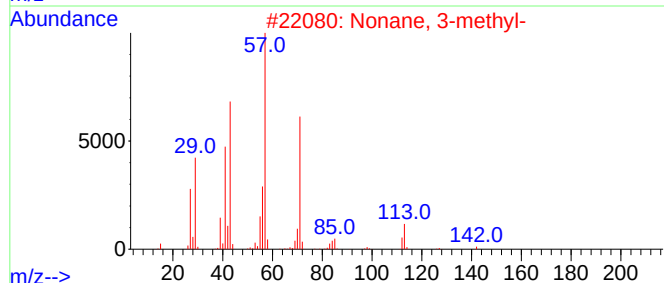
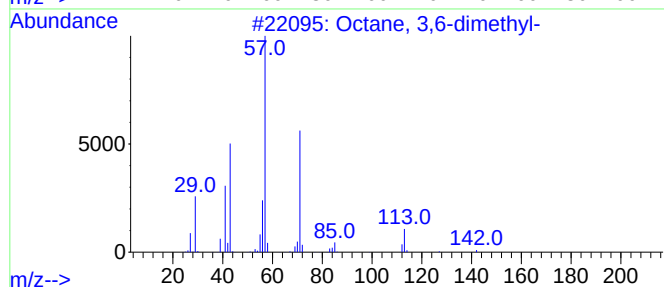
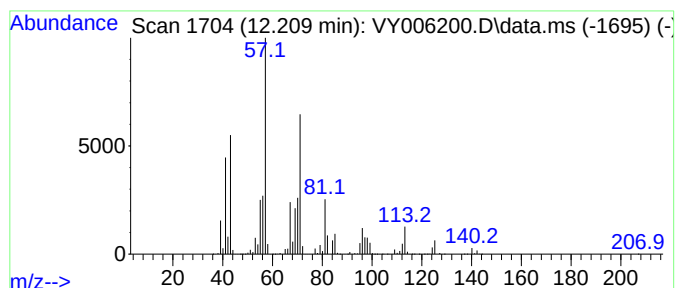
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Quant Title : SW846 8260

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

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.209	554.84 ug/l	19368700	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	60
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



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ClientSampleId :
SUB-SLAB-08(12-14)

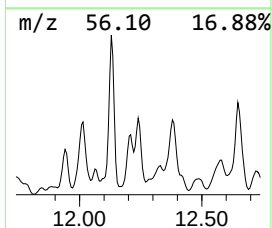
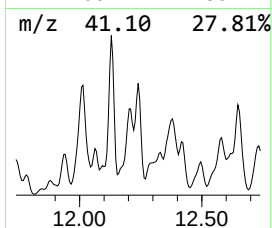
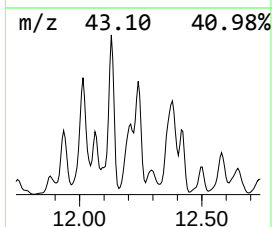
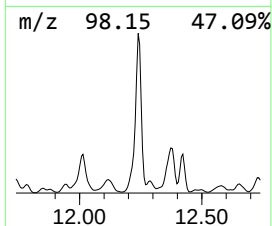
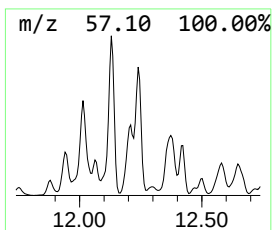
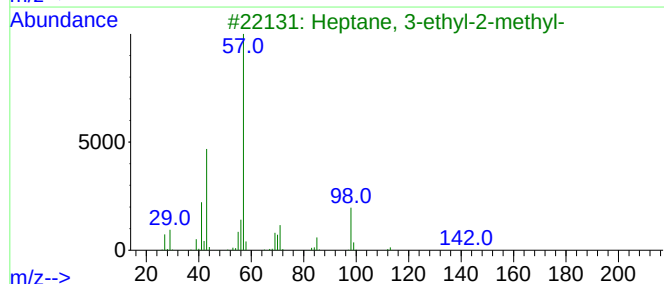
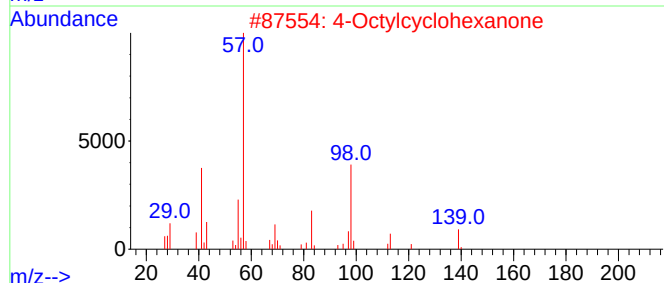
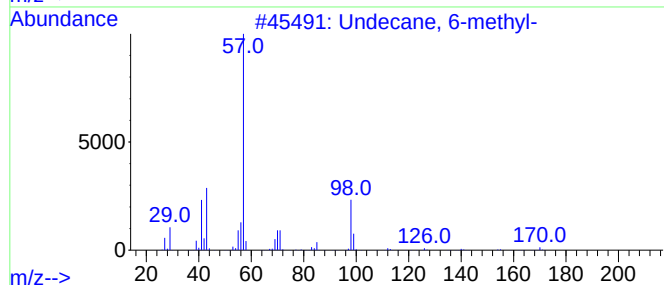
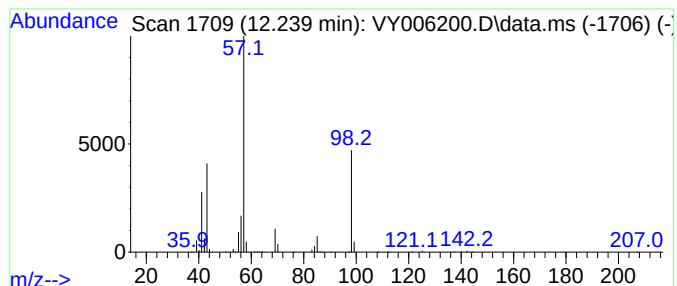
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Quant Title : SW846 8260

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

Peak Number 5 Undecane, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	480.72 ug/l	16781300	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2			4-Octylcyclohexanone	210	C14H26O	1000428-94-1	64
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	56
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50
5			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006200.D
Acq On : 28 Sep 2021 19:52
Operator : SY/MD
Sample : M3938-06
Misc : 6.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

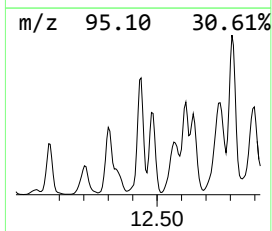
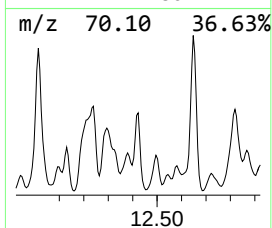
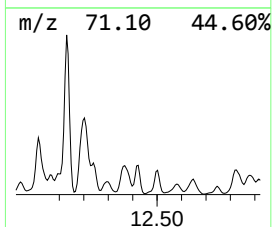
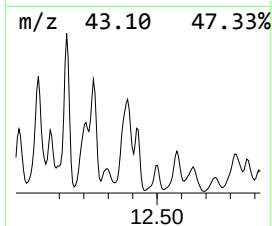
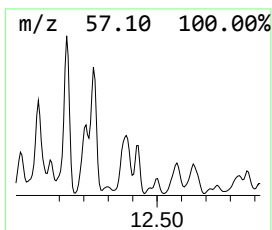
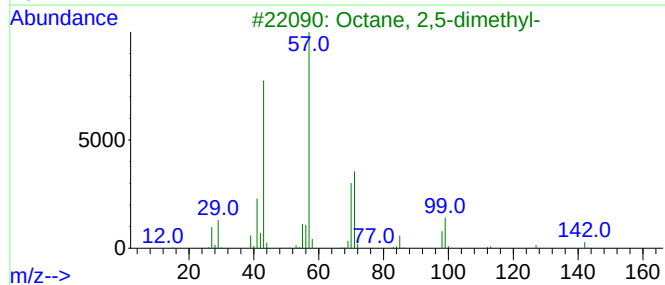
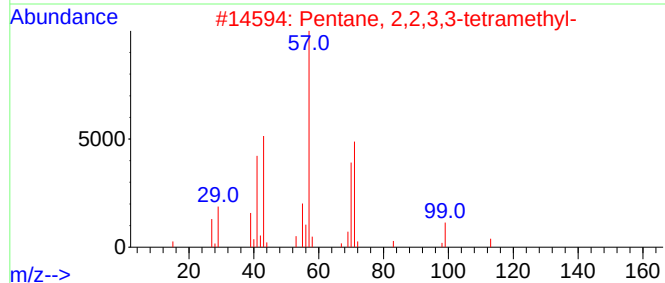
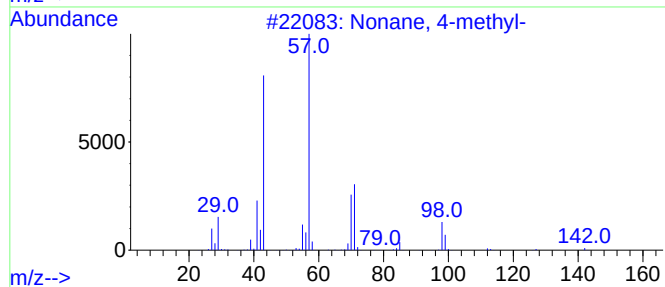
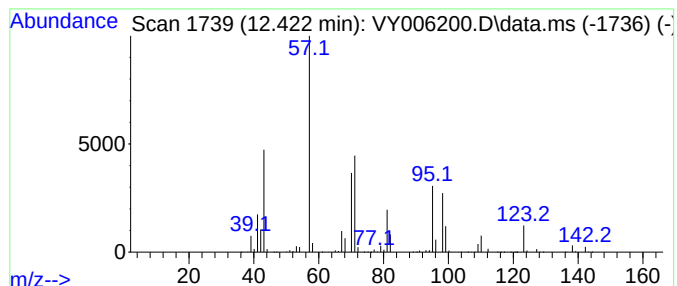
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Quant Title : SW846 8260

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

Peak Number 6 Nonane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	289.32 ug/l	10099800	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	53
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
3			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
5			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006200.D
Acq On : 28 Sep 2021 19:52
Operator : SY/MD
Sample : M3938-06
Misc : 6.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

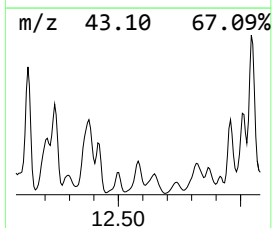
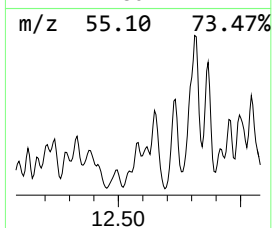
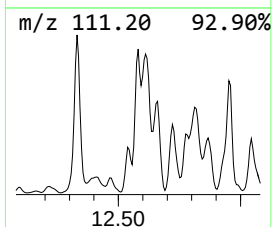
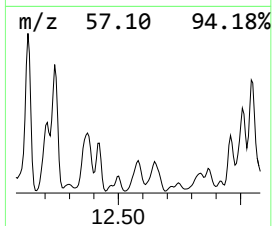
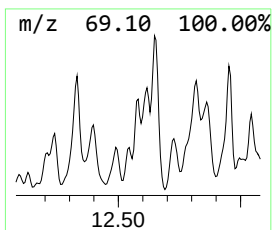
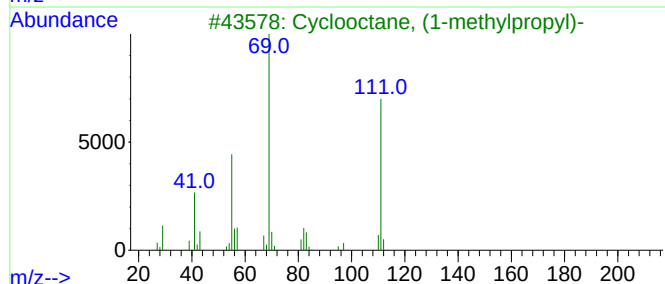
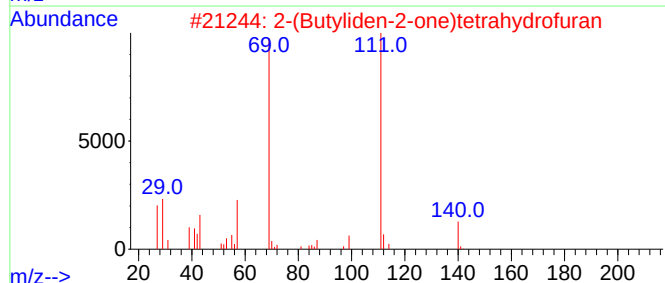
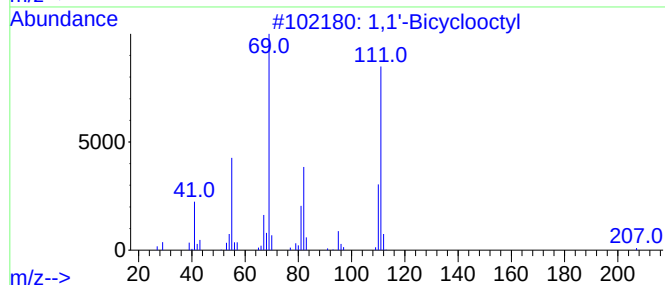
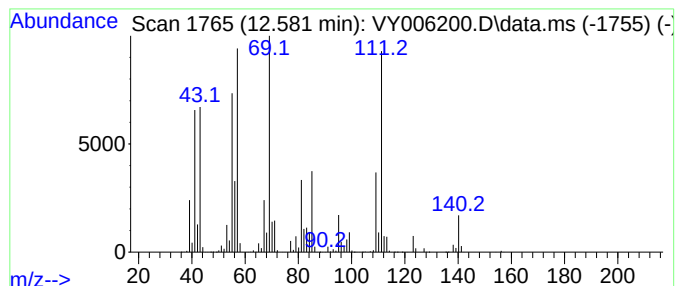
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Quant Title : SW846 8260

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

Peak Number 7 1,1'-Bicyclooctyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	170.00 ug/l	18822100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl		222	C16H30		006708-17-4	53
2	2-(Butyliden-2-one)tetrahydrofuran		140	C8H12O2		343270-50-8	52
3	Cyclooctane, (1-methylpropyl)-		168	C12H24		016538-89-9	50
4	Cyclohexane, 1-ethyl-1,3-dimethy...		140	C10H20		062238-31-7	50
5	Cyclooctane, butyl-		168	C12H24		016538-93-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006200.D
Acq On : 28 Sep 2021 19:52
Operator : SY/MD
Sample : M3938-06
Misc : 6.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

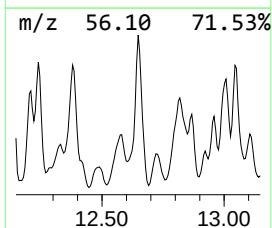
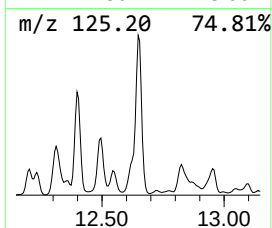
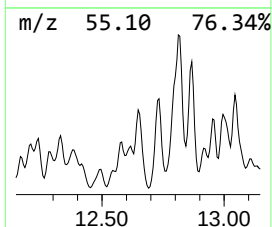
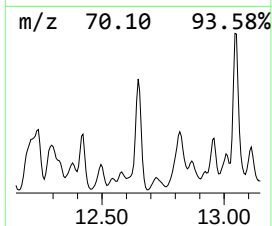
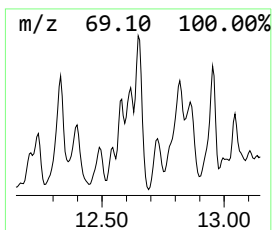
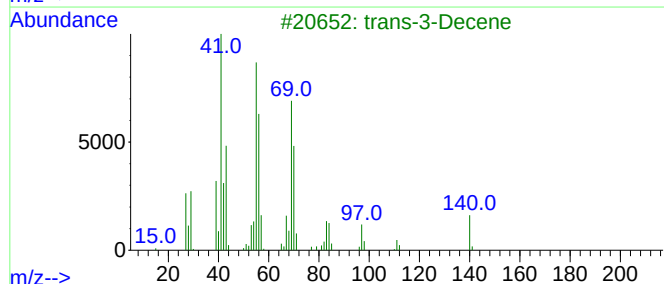
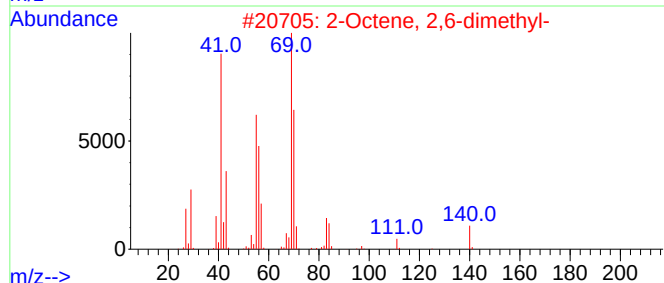
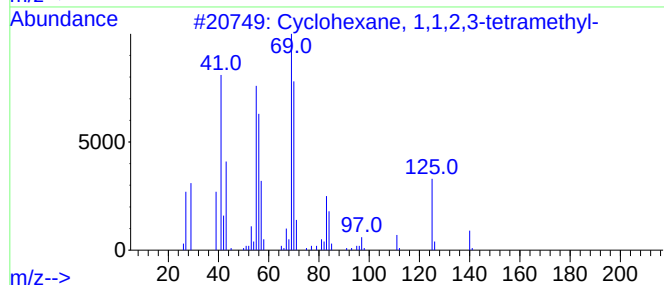
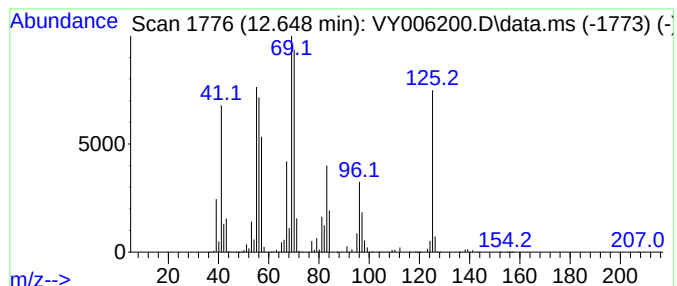
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	204.81 ug/l	22676400	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
3			trans-3-Decene	140	C10H20	019150-21-1	38
4			2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	38
5			Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006200.D
Acq On : 28 Sep 2021 19:52
Operator : SY/MD
Sample : M3938-06
Misc : 6.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

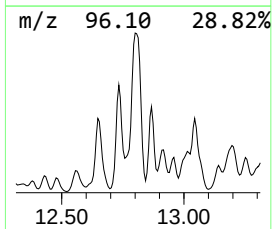
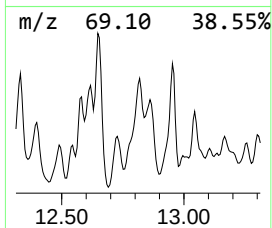
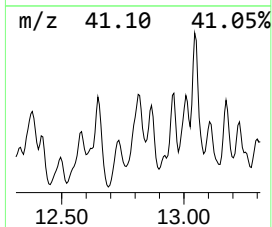
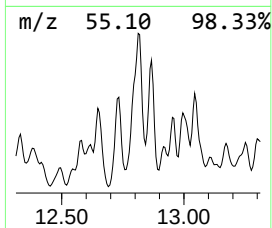
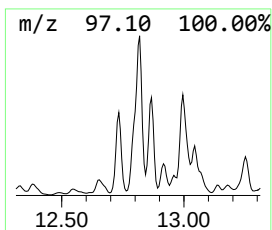
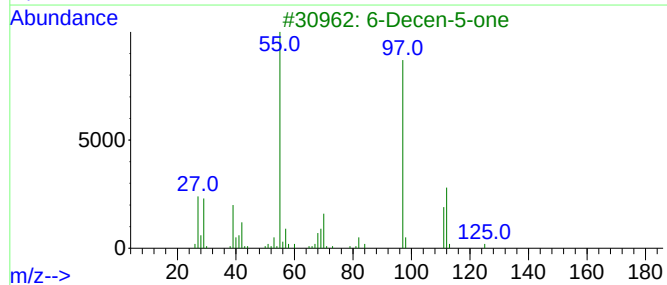
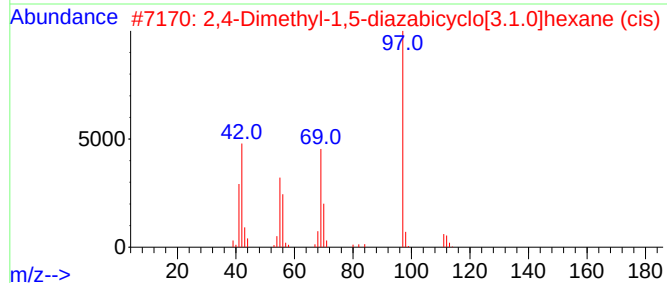
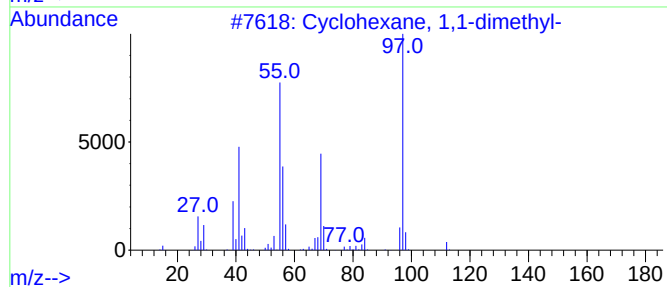
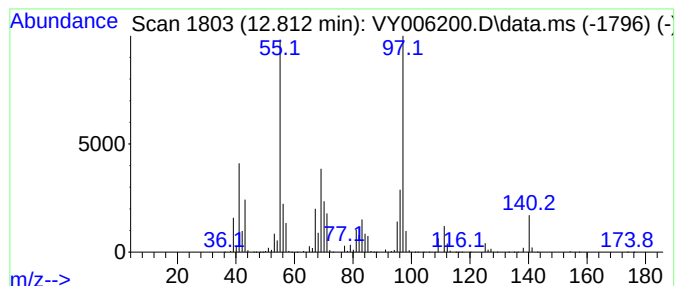
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Quant Title : SW846 8260

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

Peak Number 9 unknown12.812 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	233.28 ug/l	25828100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
2			2,4-Dimethyl-1,5-diazabicyclo[3.3.0]heptane	112	C6H12N2	100463-01-2	49
3			6-Decen-5-one	154	C10H18O	032064-79-2	47
4			2,4-Dimethyl-1,5-diazabicyclo[3.3.0]heptane	112	C6H12N2	1000283-20-9	46
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006200.D
Acq On : 28 Sep 2021 19:52
Operator : SY/MD
Sample : M3938-06
Misc : 6.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

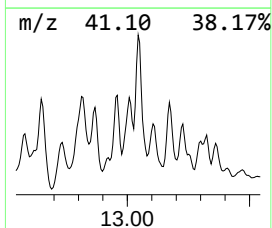
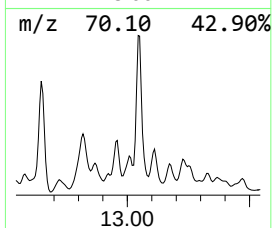
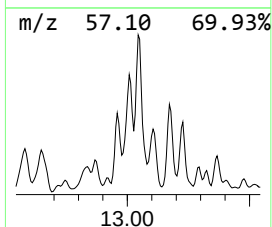
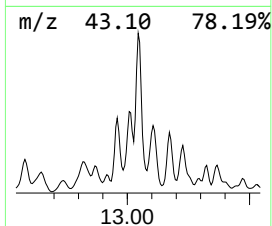
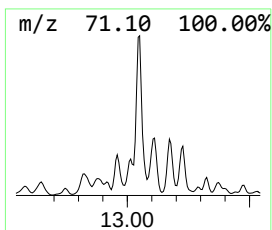
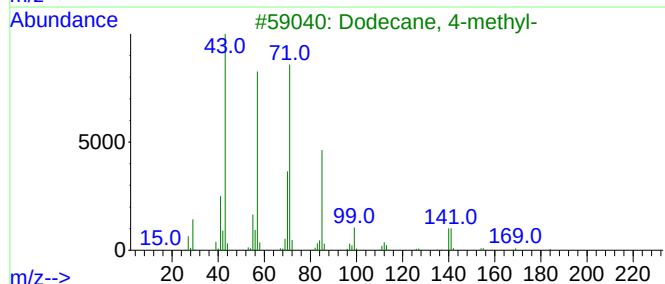
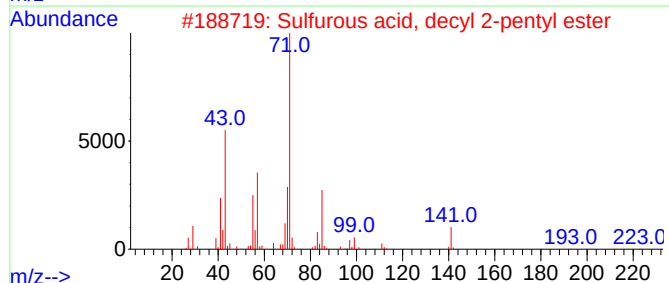
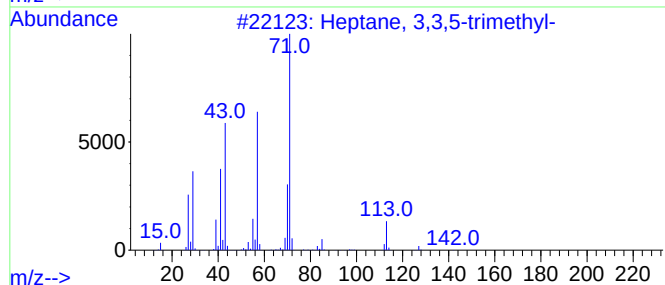
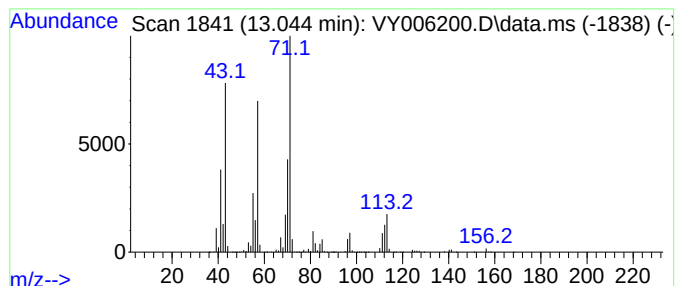
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Quant Title : SW846 8260

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

Peak Number 10 Heptane, 3,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	243.85 ug/l	26999000	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
2			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	59
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
5			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006200.D
Acq On : 28 Sep 2021 19:52
Operator : SY/MD
Sample : M3938-06
Misc : 6.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.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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unknown12.014	12.014	927.9	ug/l	32392900	3	11.490	1745440	50.0
Nonane, 3-methyl-	12.130	614.6	ug/l	21453400	3	11.490	1745440	50.0
Octane, 3,6-dim...	12.209	554.8	ug/l	19368700	3	11.490	1745440	50.0
Undecane, 6-met...	12.239	480.7	ug/l	16781300	3	11.490	1745440	50.0
Nonane, 4-methyl-	12.422	289.3	ug/l	10099800	3	11.490	1745440	50.0
1,1'-Bicyclooctyl	12.581	170.0	ug/l	18822100	4	13.428	5535900	50.0
Cyclohexane, 1,...	12.648	204.8	ug/l	22676400	4	13.428	5535900	50.0
unknown12.812	12.812	233.3	ug/l	25828100	4	13.428	5535900	50.0
Heptane, 3,3,5-...	13.044	243.8	ug/l	26999000	4	13.428	5535900	50.0