

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006208.D
 Acq On : 29 Sep 2021 13:23
 Operator : SY/MD
 Sample : M3938-06
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 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: VY006208.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.996	838	849	864	rBV	191755	508805	17.49%	1.129%
2	7.728	959	969	974	rBV	99287	236954	8.14%	0.526%
3	7.795	974	980	993	rVB	175814	403840	13.88%	0.896%
4	8.149	1029	1038	1049	rVB	116685	249472	8.57%	0.554%
5	8.697	1119	1128	1139	rBV	280456	548645	18.85%	1.218%
6	8.941	1160	1168	1181	rBV	494425	969262	33.31%	2.151%
7	10.185	1364	1372	1388	rBV	448149	784833	26.97%	1.742%
8	10.721	1453	1460	1468	rVB	1404857	2317871	79.65%	5.144%
9	10.807	1468	1474	1482	rVB	31371	54437	1.87%	0.121%
10	10.904	1482	1490	1497	rBV	30038	70133	2.41%	0.156%
11	10.977	1497	1502	1508	rVV2	34454	52789	1.81%	0.117%
12	11.093	1516	1521	1526	rBV	81666	138988	4.78%	0.308%
13	11.209	1534	1540	1544	rBV3	57024	109164	3.75%	0.242%
14	11.252	1544	1547	1549	rBV2	29690	42328	1.45%	0.094%
15	11.301	1549	1555	1563	rVB2	185767	398548	13.70%	0.884%
16	11.380	1563	1568	1572	rBV2	57367	97035	3.33%	0.215%
17	11.416	1572	1574	1579	rVB4	22481	29223	1.00%	0.065%
18	11.490	1579	1586	1595	rBV	423631	791084	27.19%	1.756%
19	11.569	1595	1599	1604	rVB	58141	82128	2.82%	0.182%
20	11.630	1604	1609	1613	rBV	167602	263338	9.05%	0.584%
21	11.685	1613	1618	1622	rBV2	188307	338845	11.64%	0.752%
22	11.739	1622	1627	1631	rBV2	489926	842048	28.94%	1.869%
23	11.782	1631	1634	1639	rVB2	316594	499414	17.16%	1.108%
24	11.843	1639	1644	1646	rBV4	81259	134570	4.62%	0.299%
25	11.880	1646	1650	1652	rBV	82344	120181	4.13%	0.267%
26	11.935	1655	1659	1663	rVB2	331485	493061	16.94%	1.094%
27	12.008	1663	1671	1677	rBV3	1284031	2909904	100.00%	6.458%
28	12.063	1677	1680	1682	rVV	241378	268590	9.23%	0.596%
29	12.093	1682	1685	1686	rVV	120510	121313	4.17%	0.269%
30	12.124	1686	1690	1695	rVB	1269821	1824351	62.69%	4.049%
31	12.203	1695	1703	1706	rBV3	926015	2074859	71.30%	4.605%
32	12.233	1706	1708	1713	rVB	1054768	1418230	48.74%	3.147%
33	12.325	1713	1723	1726	rBV5	487034	1560420	53.62%	3.463%
34	12.380	1726	1732	1736	rVV6	537926	1271969	43.71%	2.823%
35	12.416	1736	1738	1744	rVB2	533189	776481	26.68%	1.723%

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36	12.489	1744	1750	1755	rBV4	904866	1626094	55.88%	3.609%
37	12.575	1755	1764	1768	rBV5	691697	1808987	62.17%	4.014%
38	12.611	1768	1770	1772	rVV2	209005	270164	9.28%	0.600%
39	12.648	1772	1776	1783	rVB2	1231099	2287392	78.61%	5.076%
40	12.727	1783	1789	1794	rBV4	741021	1822163	62.62%	4.044%
41	12.812	1796	1803	1808	rVV5	1109547	2457505	84.45%	5.454%
42	12.861	1808	1811	1817	rVB2	797206	1267727	43.57%	2.813%
43	12.916	1817	1820	1822	rBV4	148410	210383	7.23%	0.467%
44	12.953	1822	1826	1830	rVB4	697653	894864	30.75%	1.986%
45	13.008	1830	1835	1837	rBV3	531582	956747	32.88%	2.123%
46	13.044	1837	1841	1847	rVB	1148515	1852195	63.65%	4.110%
47	13.105	1847	1851	1854	rVB2	238310	311181	10.69%	0.691%
48	13.172	1858	1862	1867	rBV2	502891	793684	27.28%	1.761%
49	13.221	1867	1870	1873	rBV	185405	249604	8.58%	0.554%
50	13.294	1879	1882	1884	rBV3	337690	471644	16.21%	1.047%
51	13.355	1890	1892	1898	rVB4	299824	437927	15.05%	0.972%
52	13.428	1898	1904	1913	rVB	382441	795956	27.35%	1.766%
53	13.562	1923	1926	1931	rVB5	181450	306911	10.55%	0.681%
54	13.611	1931	1934	1942	rVB4	132493	229832	7.90%	0.510%
55	13.690	1942	1947	1950	rBV6	57350	120887	4.15%	0.268%
56	13.751	1951	1957	1962	rBV2	712256	1212815	41.68%	2.691%
57	13.800	1962	1965	1969	rVB4	79488	107178	3.68%	0.238%
58	13.855	1971	1974	1980	rVB6	103519	170183	5.85%	0.378%
59	13.965	1990	1992	1998	rVB5	131464	189611	6.52%	0.421%
60	14.013	1998	2000	2005	rVB2	101645	140760	4.84%	0.312%
61	14.074	2006	2010	2015	rBV6	55571	94811	3.26%	0.210%
62	14.135	2015	2020	2027	rVB6	113296	255866	8.79%	0.568%
63	14.196	2027	2030	2035	rVB6	59330	81384	2.80%	0.181%
64	14.263	2035	2041	2056	rVB4	165466	527916	18.14%	1.172%
65	14.422	2059	2067	2071	rVB3	89721	180299	6.20%	0.400%
66	14.471	2072	2075	2084	rVB8	37780	85087	2.92%	0.189%
67	14.733	2115	2118	2125	rVB4	23971	40520	1.39%	0.090%

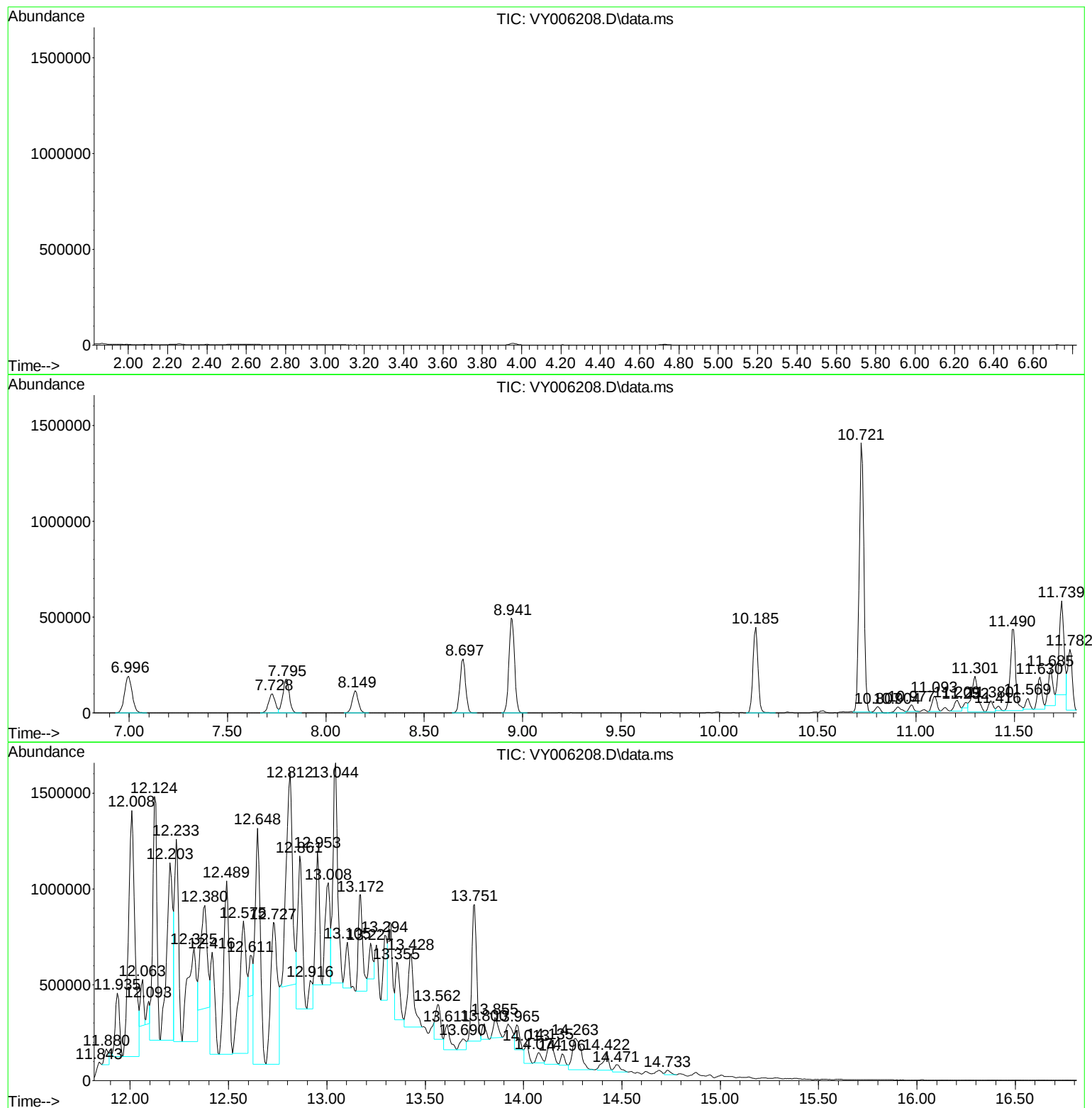
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Instrument :
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ClientSampleId :
SUB-SLAB-08(12-14)

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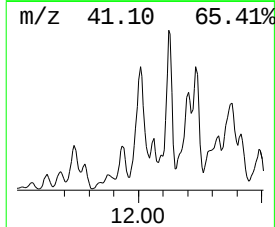
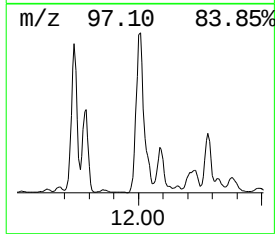
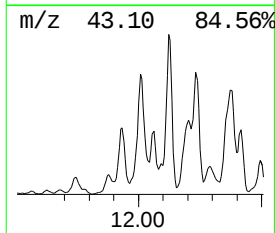
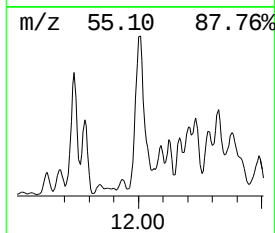
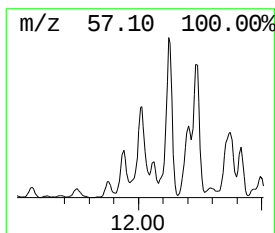
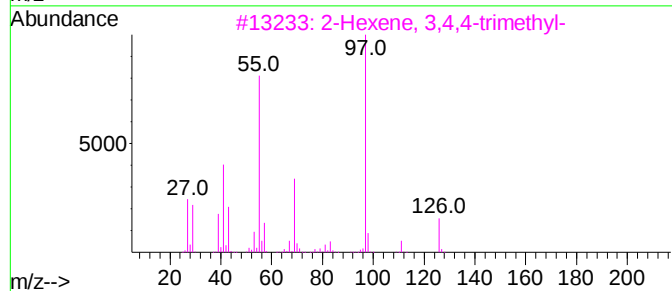
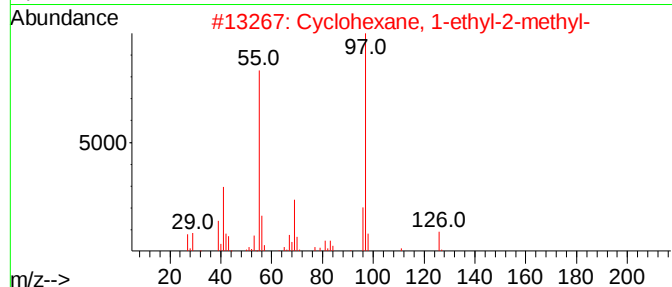
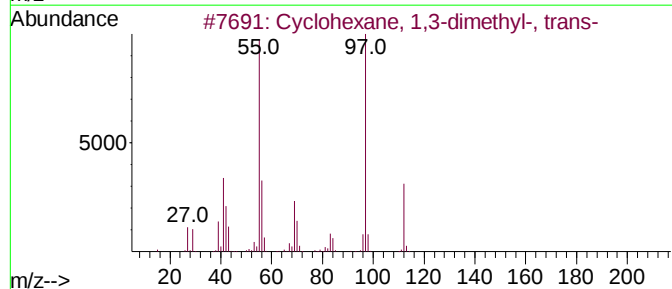
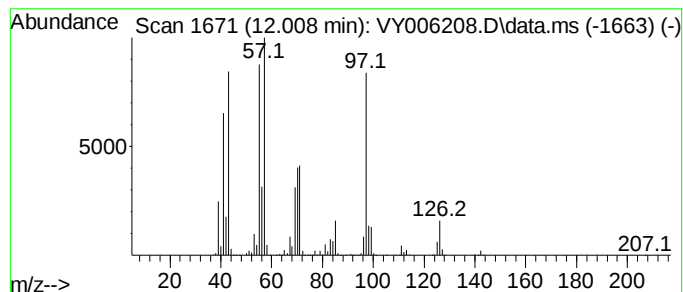
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.008 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	183.92 ug/l	2909900	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	43
3			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	43
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43



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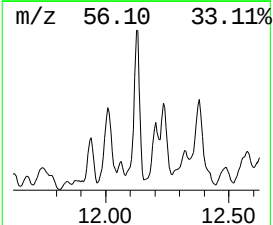
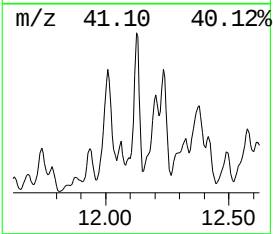
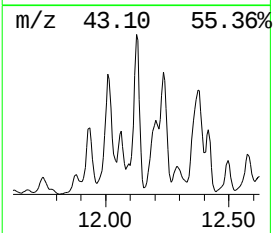
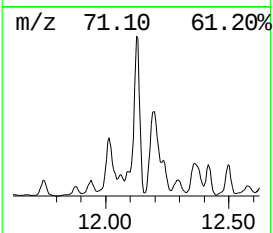
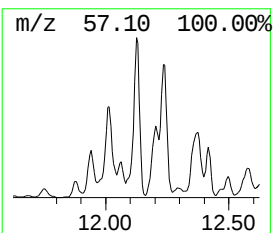
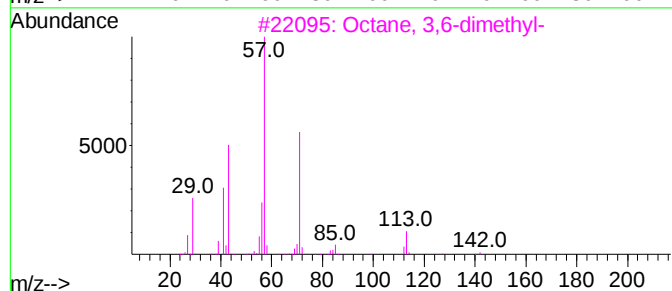
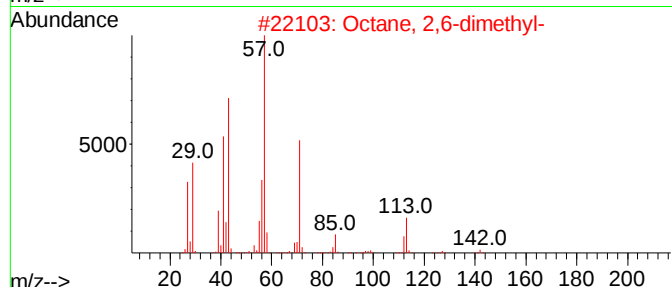
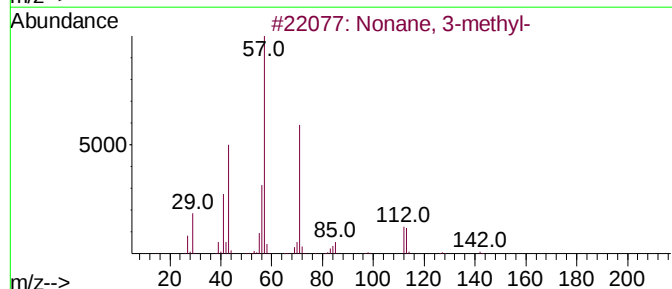
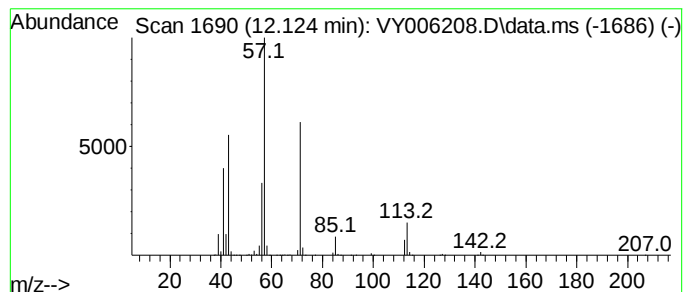
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 2 Nonane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	115.31 ug/l	1824350	Chlorobenzene-d5	11.496

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	90
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64



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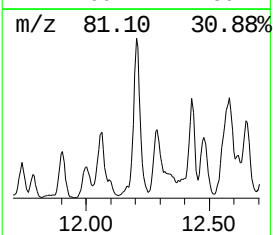
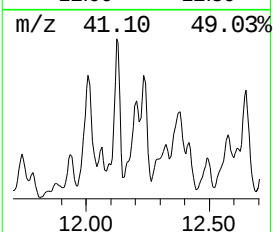
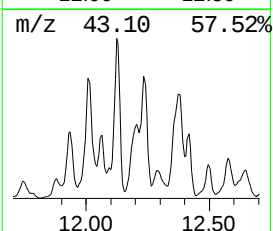
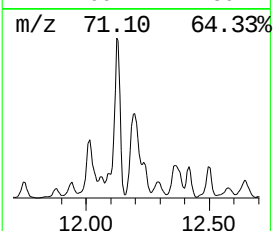
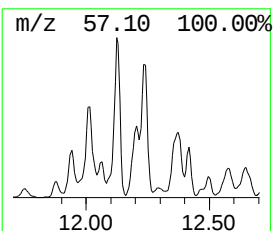
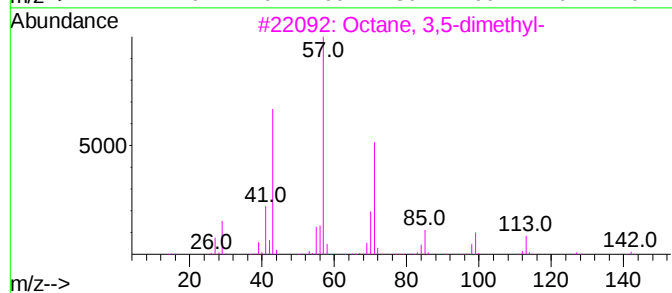
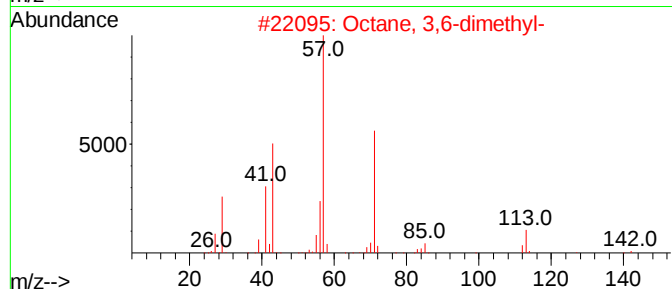
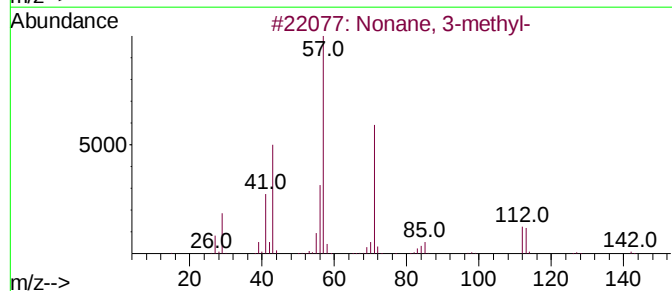
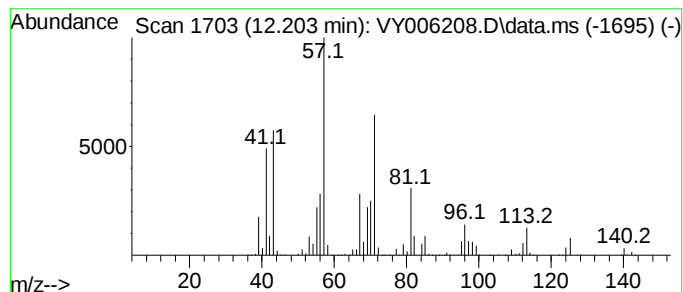
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.203	131.14 ug/l	2074860	Chlorobenzene-d5	11.496

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
5		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	43



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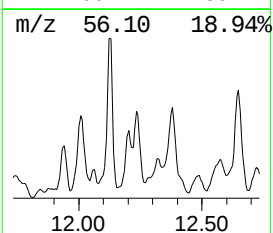
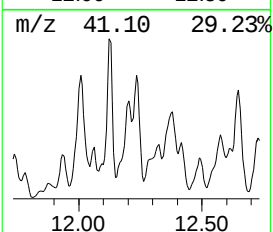
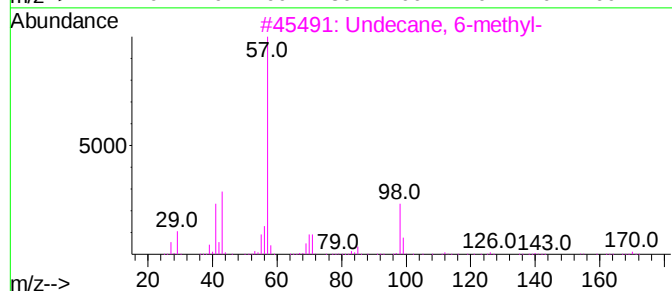
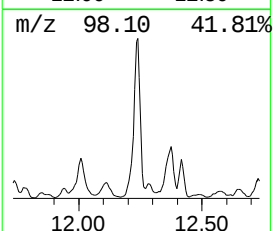
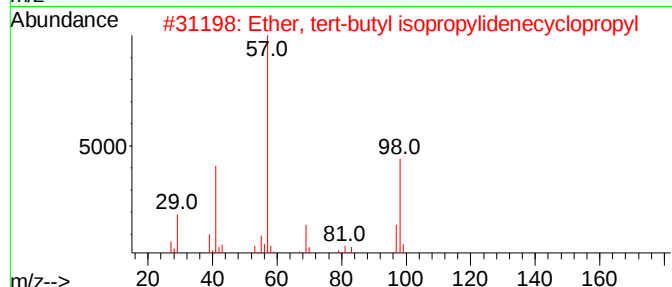
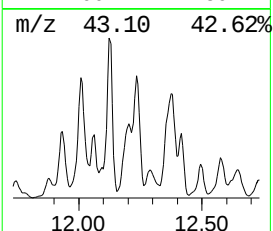
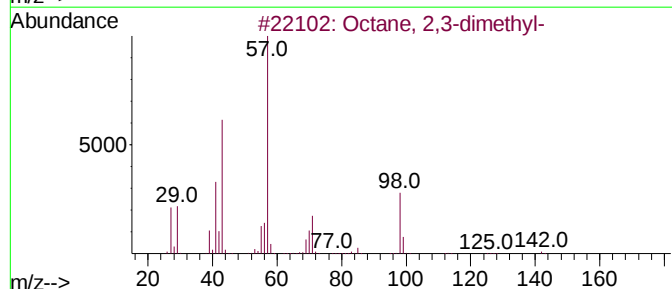
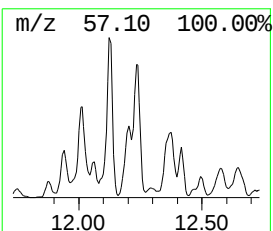
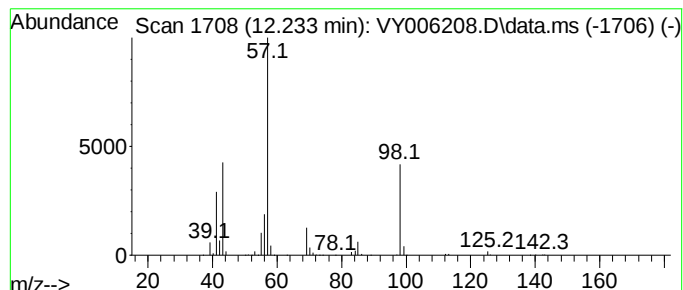
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	89.64 ug/l	1418230	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
2			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	56
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	56
4			4-Octylcyclohexanone	210	C14H26O	1000428-94-1	56
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
Data File : VY006208.D
Acq On : 29 Sep 2021 13:23
Operator : SY/MD
Sample : M3938-06
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

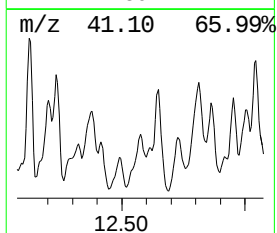
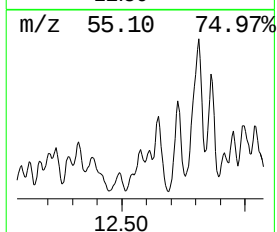
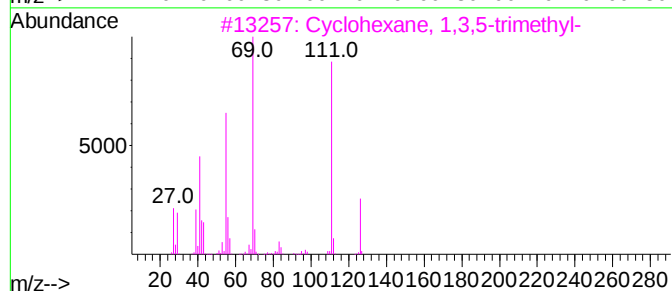
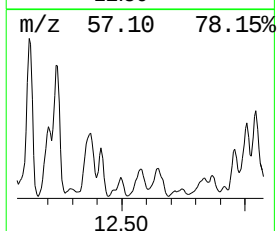
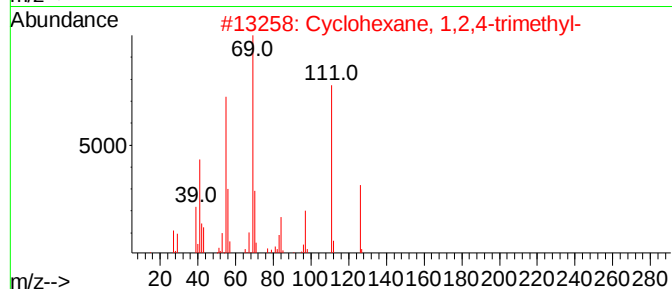
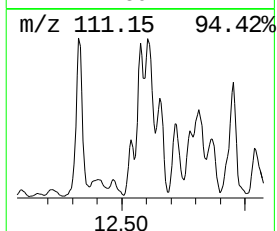
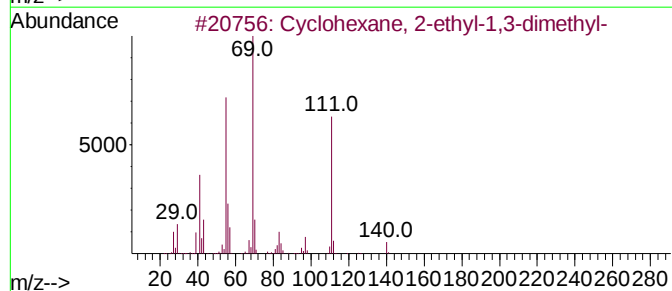
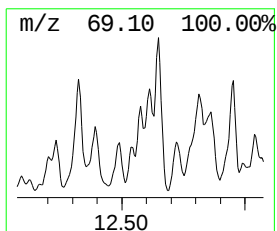
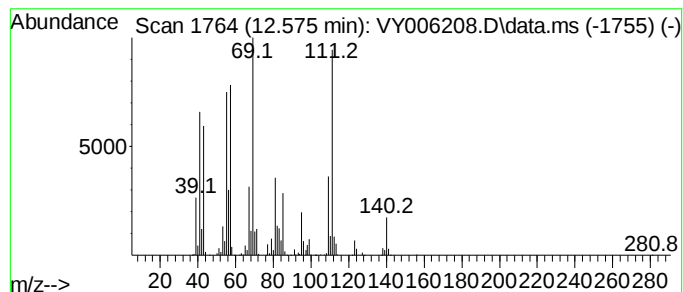
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 2-ethyl-1,3-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	113.64 ug/l	1808990	1,4-Dichlorobenzene-d4	13.428

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	58
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47
4		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	46
5		2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
Data File : VY006208.D
Acq On : 29 Sep 2021 13:23
Operator : SY/MD
Sample : M3938-06
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

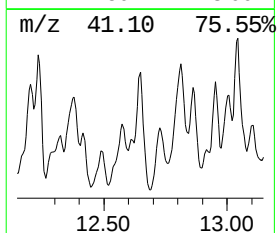
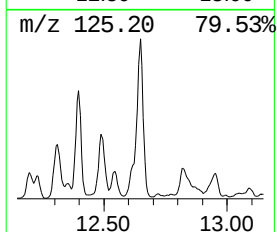
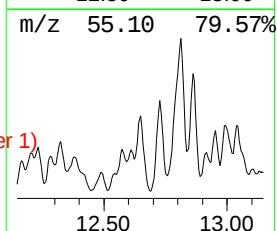
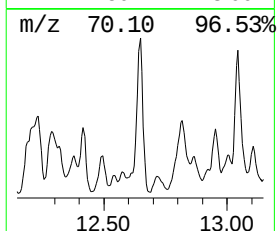
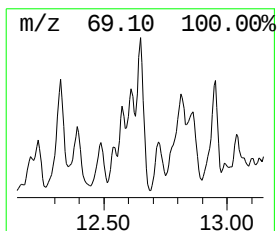
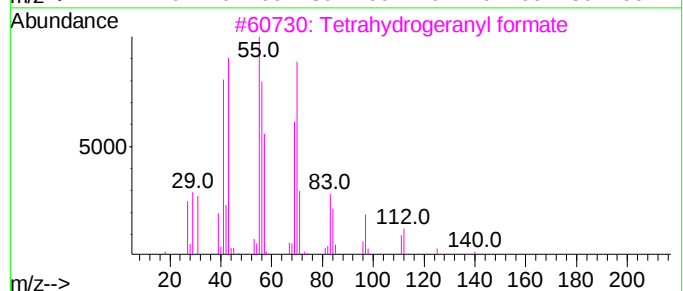
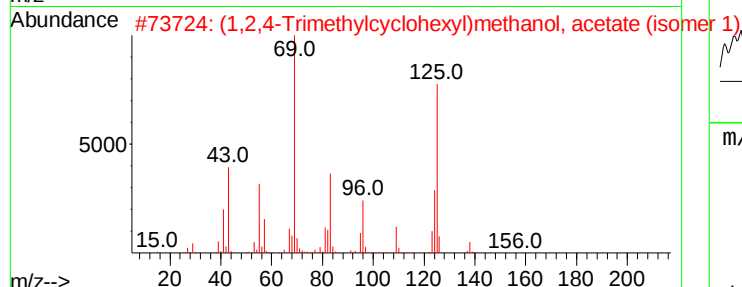
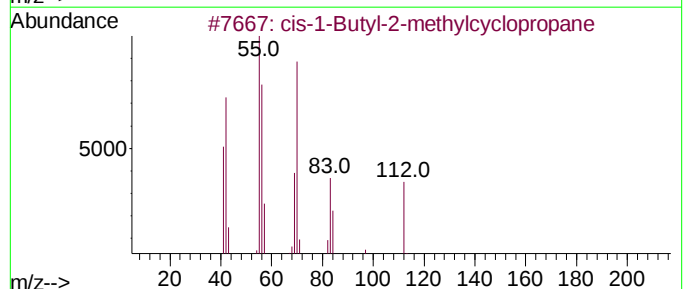
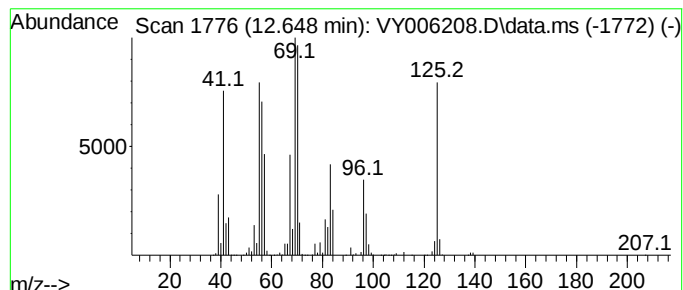
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Quant Title : SW846 8260

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

Peak Number 6 unknown12.648 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	143.69 ug/l	2287390	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	41
2			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	38
3			Tetrahydrogeranyl formate	186	C11H22O2	1000429-39-6	35
4			Octane, 4-chloro-	148	C8H17Cl	000999-07-5	35
5			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
Data File : VY006208.D
Acq On : 29 Sep 2021 13:23
Operator : SY/MD
Sample : M3938-06
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

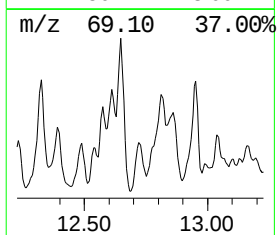
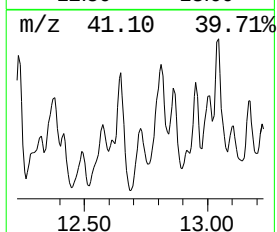
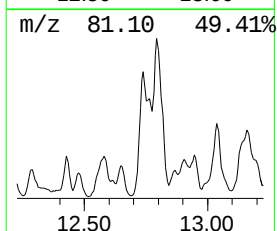
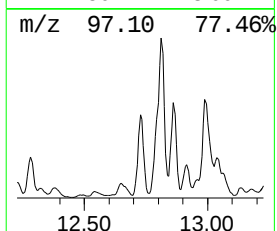
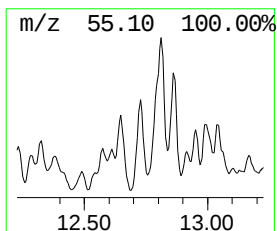
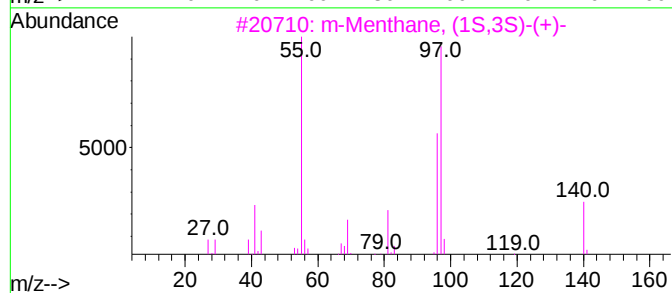
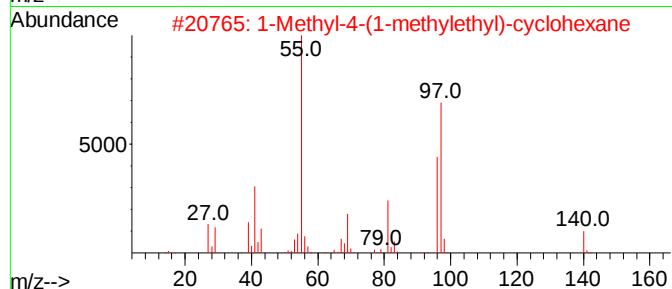
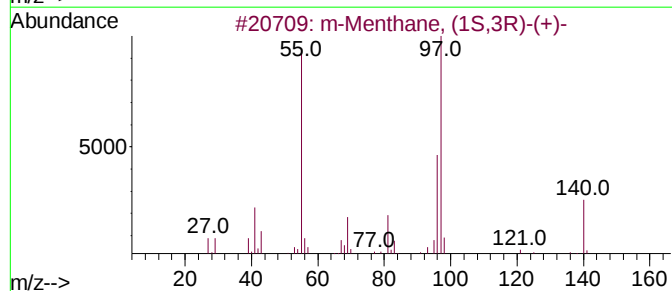
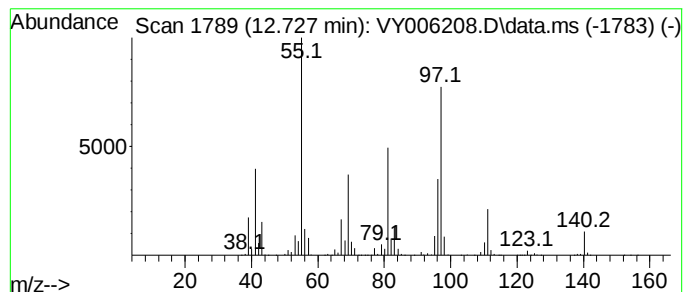
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 7 m-Menthane, (1S,3R)-(+)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	114.46 ug/l	1822160	1,4-Dichlorobenzene-d4	13.428

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	80
2		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	76
3		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	72
4		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
Data File : VY006208.D
Acq On : 29 Sep 2021 13:23
Operator : SY/MD
Sample : M3938-06
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

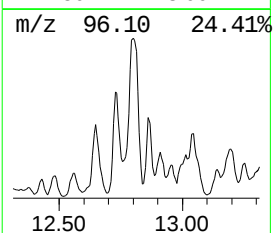
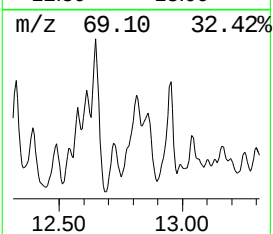
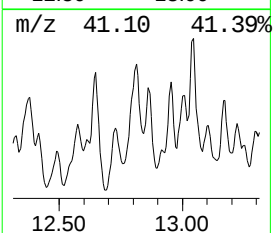
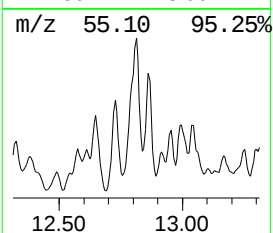
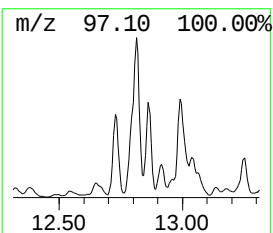
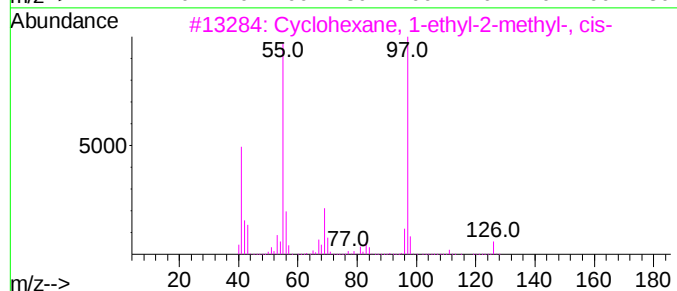
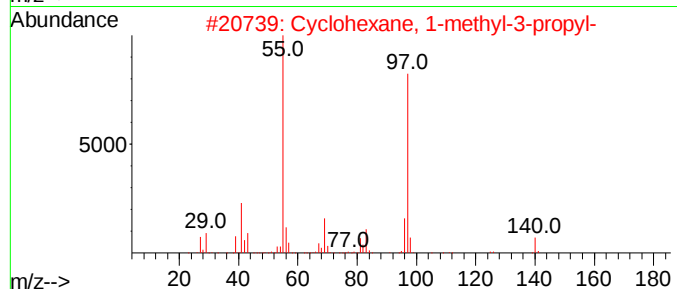
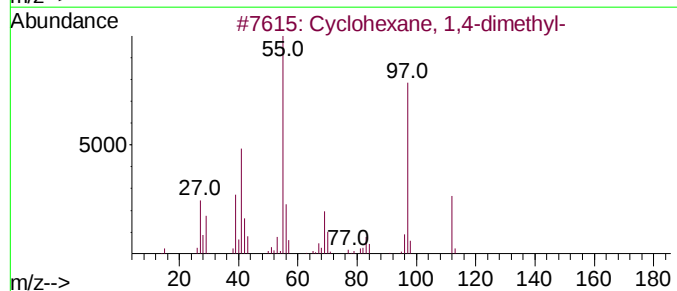
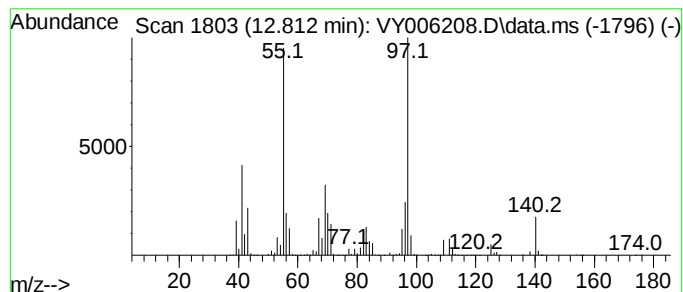
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, 1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.813	154.37 ug/l	2457510	1,4-Dichlorobenzene-d4	13.428

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	59
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
4		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	52
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
Data File : VY006208.D
Acq On : 29 Sep 2021 13:23
Operator : SY/MD
Sample : M3938-06
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

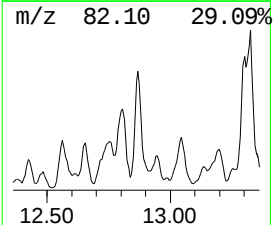
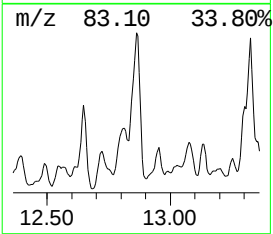
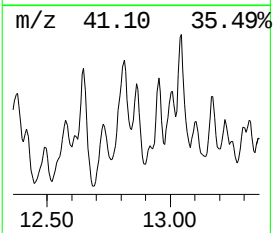
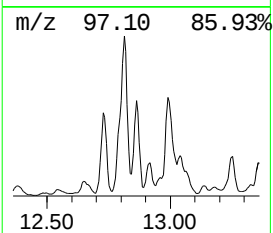
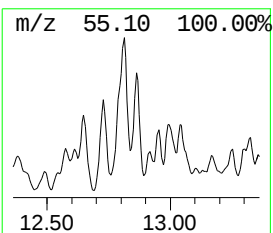
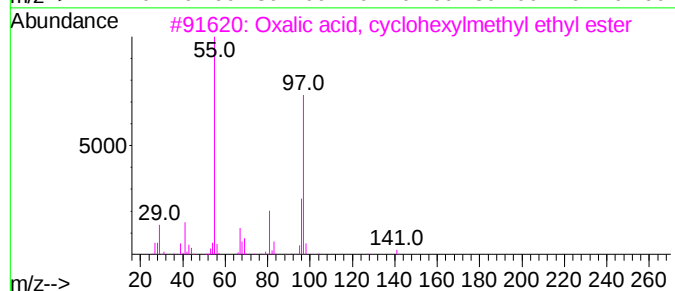
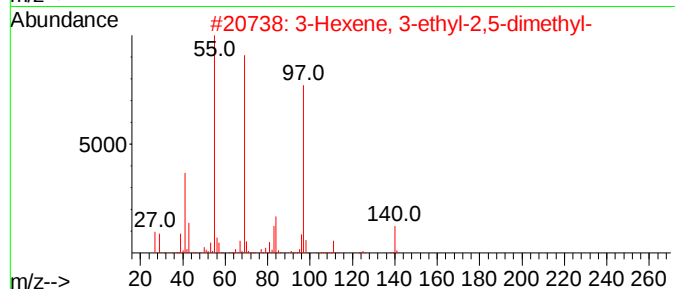
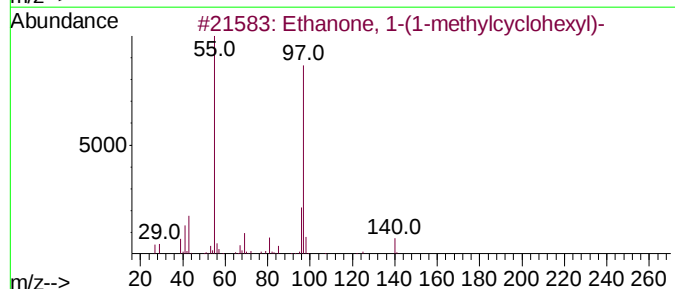
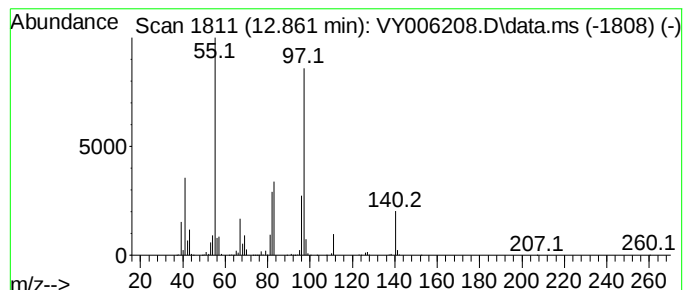
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 9 Ethanone, 1-(1-methylcyclohexyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	79.64 ug/l	1267730	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	53
3	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	50
4	cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	49
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
Data File : VY006208.D
Acq On : 29 Sep 2021 13:23
Operator : SY/MD
Sample : M3938-06
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

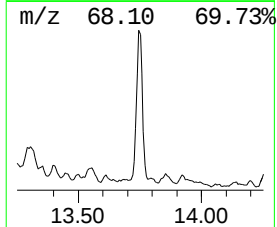
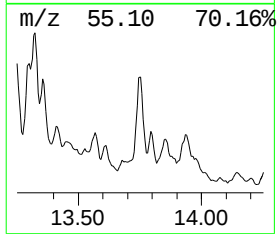
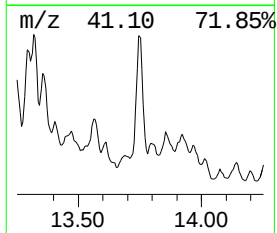
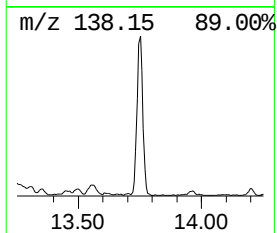
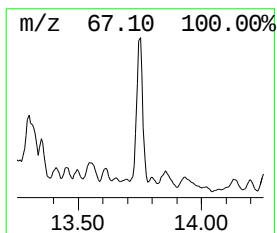
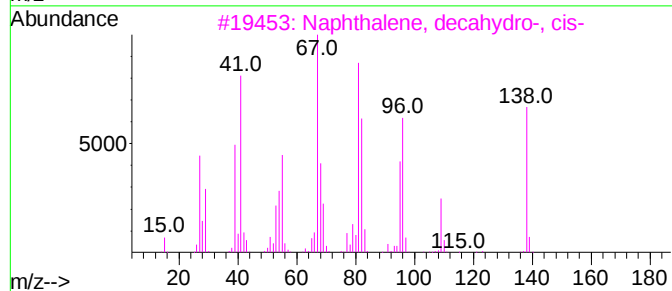
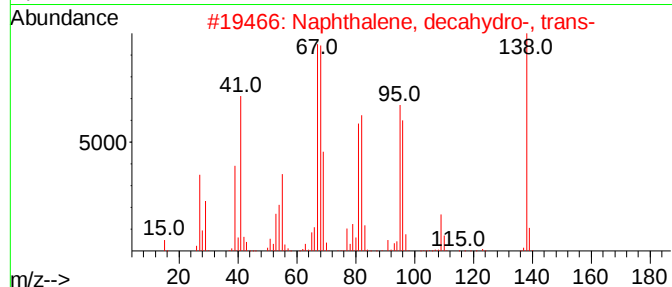
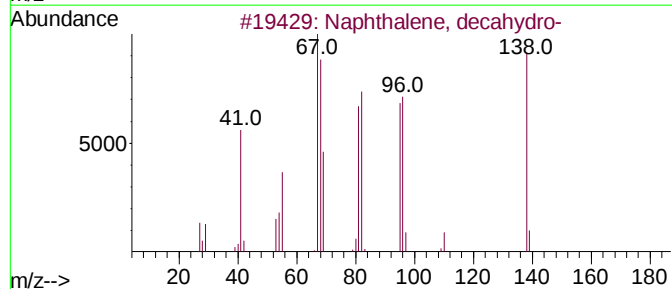
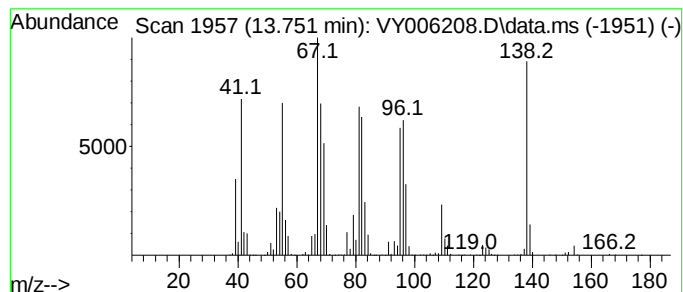
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, decahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	76.19 ug/l	1212820	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4			Cyclodecene	138	C10H18	003618-12-0	83
5			Spiro[4.5]decane	138	C10H18	000176-63-6	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006208.D
 Acq On : 29 Sep 2021 13:23
 Operator : SY/MD
 Sample : M3938-06
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 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\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
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Nonane, 3-methyl-	12.124	115.3	ug/l	1824350	3	11.496	791084	50.0
Octane, 3,6-dim...	12.203	131.1	ug/l	2074860	3	11.496	791084	50.0
Octane, 2,3-dim...	12.233	89.6	ug/l	1418230	3	11.496	791084	50.0
Cyclohexane, 2-...	12.575	113.6	ug/l	1808990	4	13.428	795956	50.0
unknown12.648	12.648	143.7	ug/l	2287390	4	13.428	795956	50.0
m-Menthane, (1S...	12.727	114.5	ug/l	1822160	4	13.428	795956	50.0
Cyclohexane, 1,...	12.813	154.4	ug/l	2457510	4	13.428	795956	50.0
Ethanone, 1-(1-...	12.861	79.6	ug/l	1267730	4	13.428	795956	50.0
Naphthalene, de...	13.751	76.2	ug/l	1212820	4	13.428	795956	50.0