

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007168.D
 Acq On : 14 Jan 2022 14:57
 Operator : SY/MD
 Sample : N1143-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-BOILER-ROOM-SOUTH-SIDEWALL

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\82Y011322S.M

Title : SW846 8260

Signal : TIC: VY007168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.685	1118	1126	1139	rVB	178549	350133	1.19%	0.111%
2	10.179	1364	1371	1386	rVB	384516	835568	2.83%	0.266%
3	10.801	1464	1473	1479	rBV	243433	408524	1.38%	0.130%
4	10.904	1482	1490	1497	rBV	244090	514630	1.74%	0.164%
5	11.032	1506	1511	1516	rVV	315888	527671	1.79%	0.168%
6	11.087	1516	1520	1526	rVB	367494	632229	2.14%	0.201%
7	11.203	1533	1539	1543	rBV	512852	868983	2.94%	0.277%
8	11.276	1543	1551	1562	rVB4	2328227	5283253	17.89%	1.682%
9	11.380	1562	1568	1578	rBV	2307127	3728758	12.63%	1.187%
10	11.483	1578	1585	1591	rBV2	376201	803794	2.72%	0.256%
11	11.587	1594	1602	1605	rBV3	332354	817471	2.77%	0.260%
12	11.624	1605	1608	1612	rVB	278736	348121	1.18%	0.111%
13	11.709	1612	1622	1631	rBV3	4331987	12719915	43.07%	4.049%
14	11.782	1631	1634	1639	rVB	1364415	2008760	6.80%	0.639%
15	11.843	1639	1644	1645	rBV	220481	322553	1.09%	0.103%
16	11.880	1645	1650	1651	rBV	341805	467947	1.58%	0.149%
17	11.935	1654	1659	1663	rVB2	2308174	3593562	12.17%	1.144%
18	12.008	1663	1671	1677	rBV5	5474198	13294811	45.02%	4.232%
19	12.057	1677	1679	1683	rVB	1039782	1169106	3.96%	0.372%
20	12.124	1686	1690	1695	rVB	6740307	9129854	30.92%	2.906%
21	12.203	1695	1703	1705	rBV4	3789015	7370673	24.96%	2.346%
22	12.239	1705	1709	1715	rVB3	5537791	10791374	36.54%	3.435%
23	12.325	1720	1723	1725	rBV2	755947	950743	3.22%	0.303%
24	12.386	1725	1733	1735	rBV3	4315262	9951546	33.70%	3.168%
25	12.416	1735	1738	1741	rBV	4348758	4748848	16.08%	1.512%
26	12.495	1747	1751	1752	rBV4	1143549	1372238	4.65%	0.437%
27	12.526	1752	1756	1760	rVV	7012141	9695435	32.83%	3.086%
28	12.575	1760	1764	1768	rVV4	1190073	2008719	6.80%	0.639%
29	12.648	1772	1776	1784	rVB2	3944916	10094385	34.18%	3.213%
30	12.739	1784	1791	1794	rBV	10349067	18492355	62.62%	5.887%
31	12.770	1794	1796	1798	rVV	3895111	4911043	16.63%	1.563%
32	12.812	1798	1803	1808	rVV4	15410980	29531535	100.00%	9.401%
33	12.861	1808	1811	1817	rVB	3243690	5146716	17.43%	1.638%
34	12.916	1817	1820	1822	rBV2	419420	561733	1.90%	0.179%
35	12.971	1822	1829	1833	rBV3	5583724	13750088	46.56%	4.377%
36	13.044	1837	1841	1847	rVB	7414921	11214488	37.97%	3.570%

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37	13.123	1847	1854	1859	rVB	16855791	29341281	99.36%	9.340%
38	13.172	1859	1862	1866	rVB2	1878476	2446375	8.28%	0.779%
39	13.227	1866	1871	1873	rBV2	1802080	2923819	9.90%	0.931%
40	13.318	1879	1886	1890	rBV3	6936130	12421606	42.06%	3.954%
41	13.367	1890	1894	1897	rVV2	4384495	6736946	22.81%	2.145%
42	13.398	1897	1899	1902	rVV	1958427	2416153	8.18%	0.769%
43	13.459	1902	1909	1914	rVV	8220231	14667177	49.67%	4.669%
44	13.501	1914	1916	1923	rVB2	1717325	2583388	8.75%	0.822%
45	13.593	1927	1931	1932	rBV	1130523	1259336	4.26%	0.401%
46	13.623	1932	1936	1940	rVV	4213147	5723856	19.38%	1.822%
47	13.666	1940	1943	1952	rVB3	4223572	7999288	27.09%	2.546%
48	13.751	1952	1957	1962	rBV2	4614231	7012362	23.75%	2.232%
49	13.824	1962	1969	1973	rBV	1811453	2687480	9.10%	0.856%
50	13.885	1975	1979	1981	rBV	1333071	1849774	6.26%	0.589%
51	13.916	1981	1984	1989	rVB	2060617	2911588	9.86%	0.927%
52	13.971	1989	1993	1998	rVB	2107871	2954356	10.00%	0.940%
53	14.020	1998	2001	2006	rVB2	262319	442454	1.50%	0.141%
54	14.081	2006	2011	2015	rVB3	1494550	2396910	8.12%	0.763%
55	14.135	2015	2020	2027	rVB7	393389	973500	3.30%	0.310%
56	14.215	2027	2033	2037	rBV3	676424	1381695	4.68%	0.440%
57	14.270	2038	2042	2044	rBV4	294763	471617	1.60%	0.150%
58	14.337	2049	2053	2057	rVB	708189	1088076	3.68%	0.346%
59	14.379	2057	2060	2064	rBV2	465295	623453	2.11%	0.198%
60	14.611	2094	2098	2103	rVB	454169	631048	2.14%	0.201%
61	14.672	2103	2108	2115	rVV3	580473	1182772	4.01%	0.377%
62	15.233	2191	2200	2207	rVB	318817	589974	2.00%	0.188%

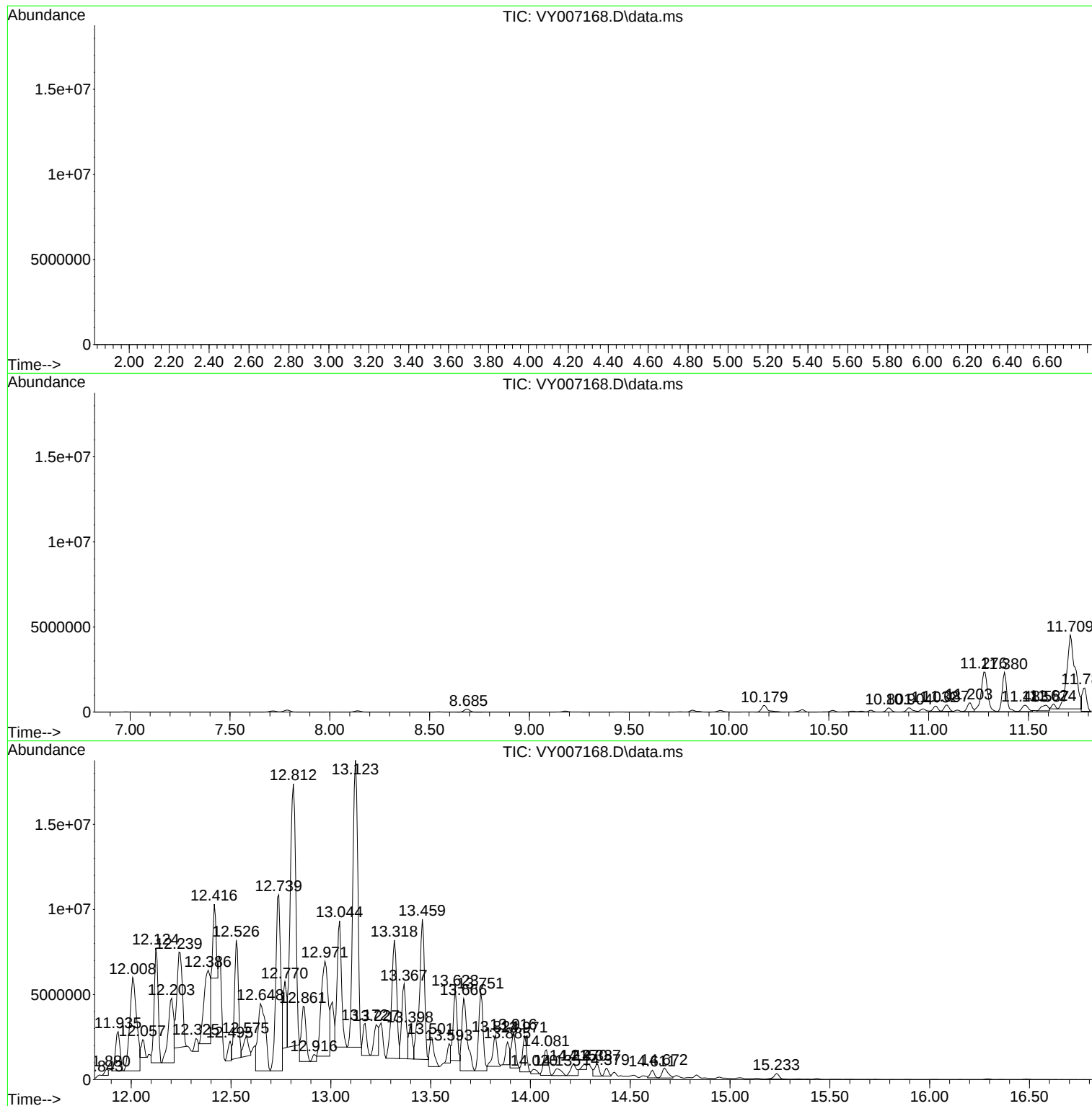
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MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

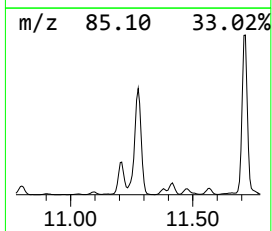
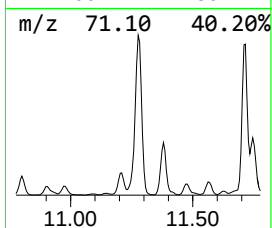
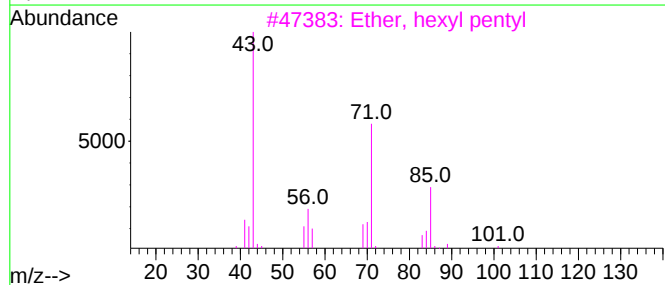
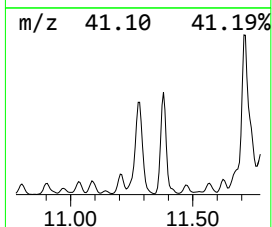
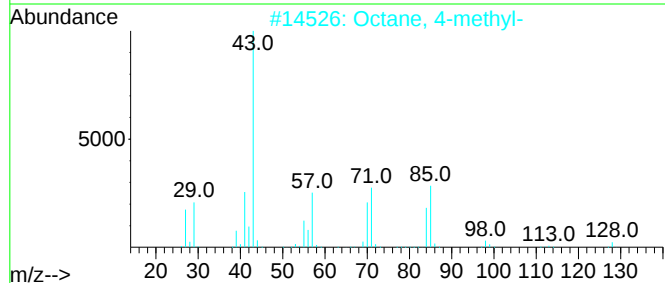
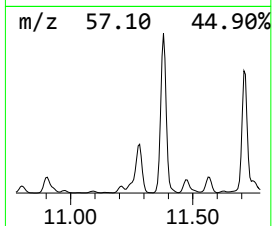
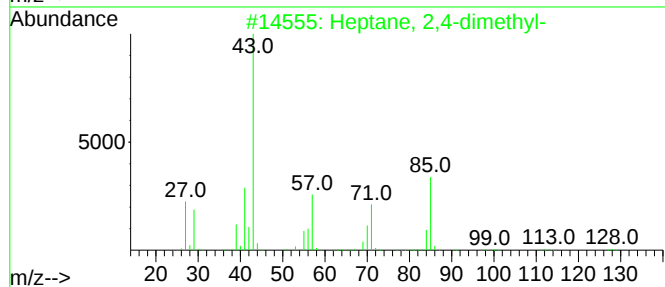
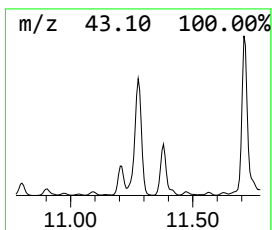
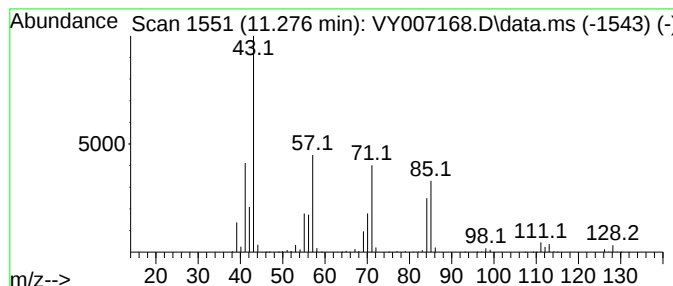
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	328.64 ug/l	5283250	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2			Octane, 4-methyl-	128	C9H20	002216-34-4	58
3			Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53



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MSVOA_Y
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WEST-BOILER-ROOM-SOUTH-SIDEWALL

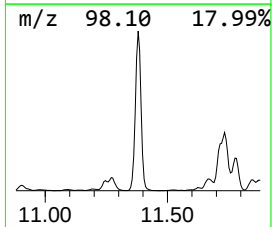
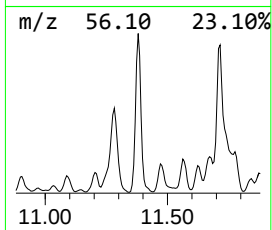
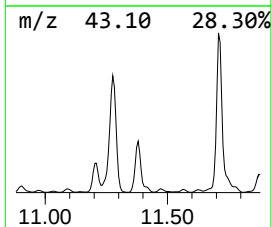
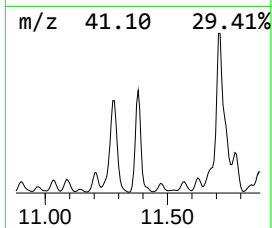
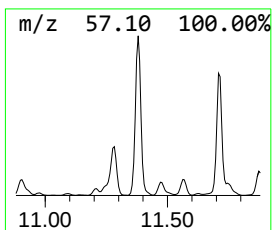
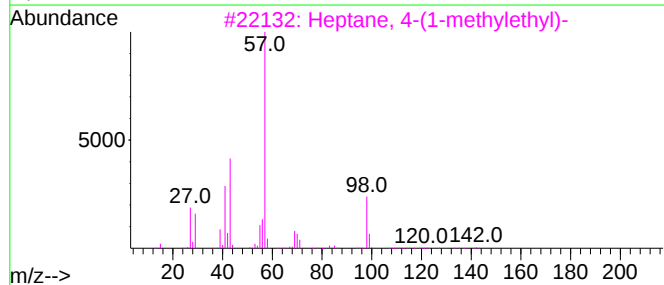
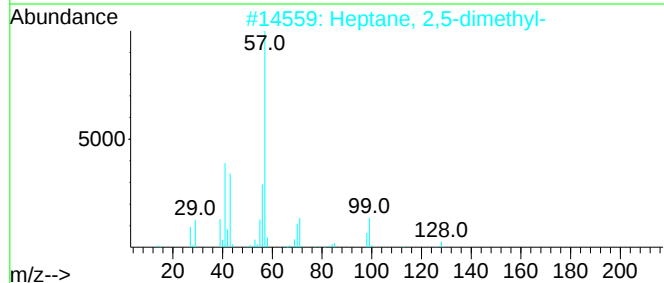
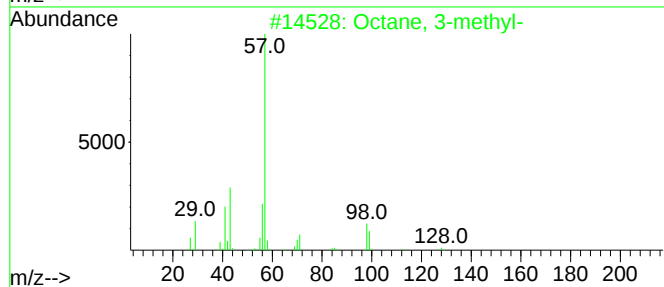
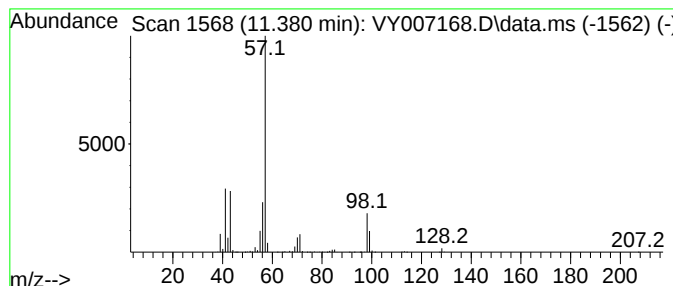
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	231.95 ug/l	3728760	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5			Heptane, 3-ethyl-	128	C9H20	015869-80-4	50



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

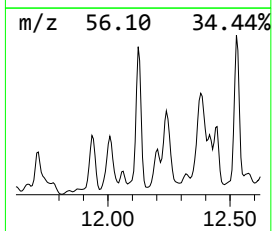
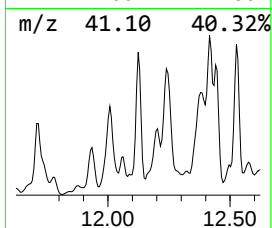
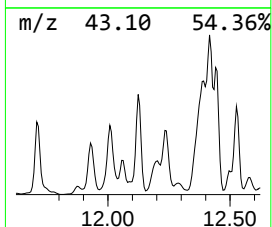
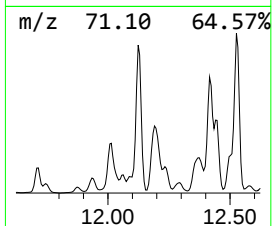
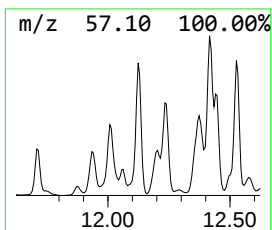
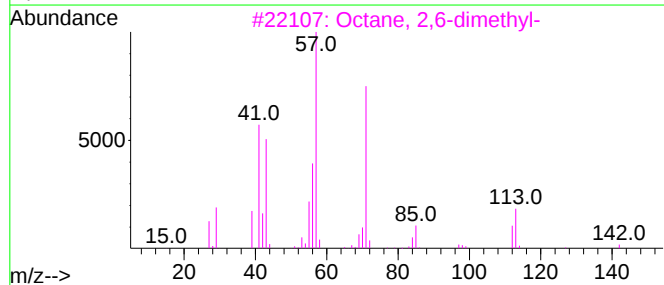
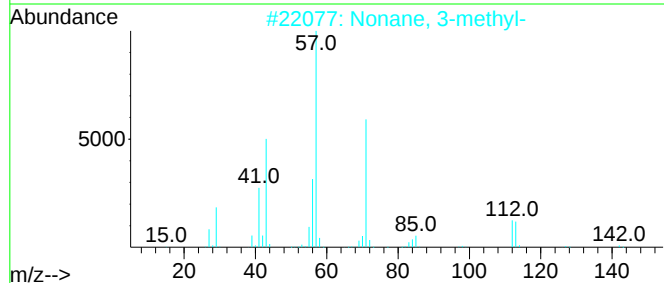
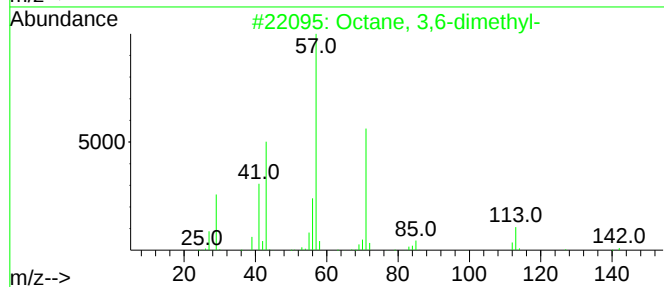
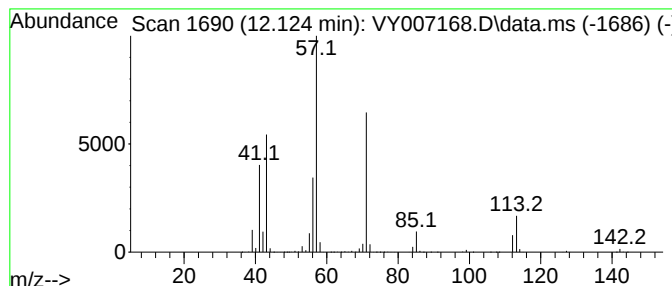
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	567.92 ug/l	9129850	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



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MSVOA_Y
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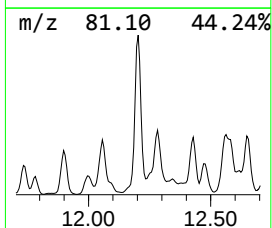
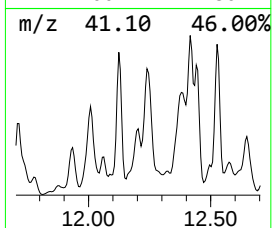
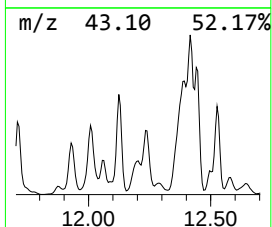
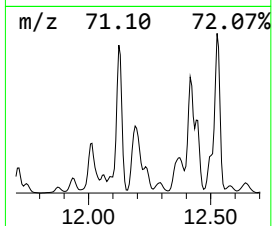
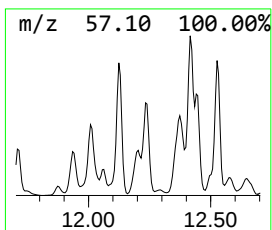
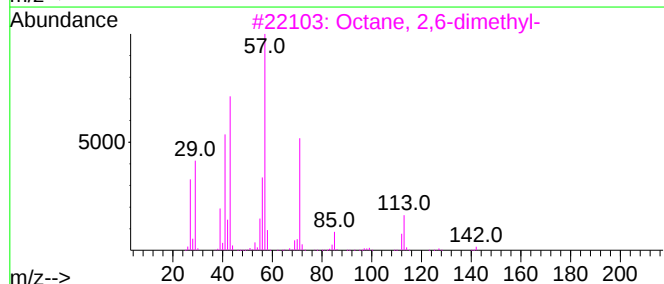
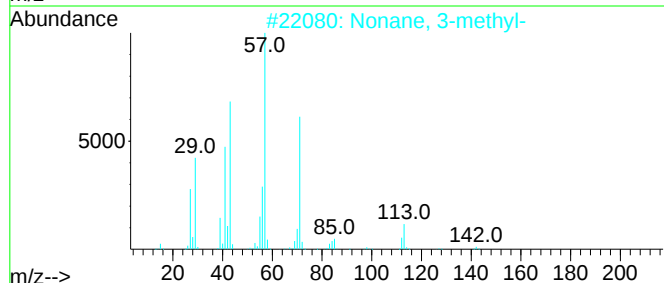
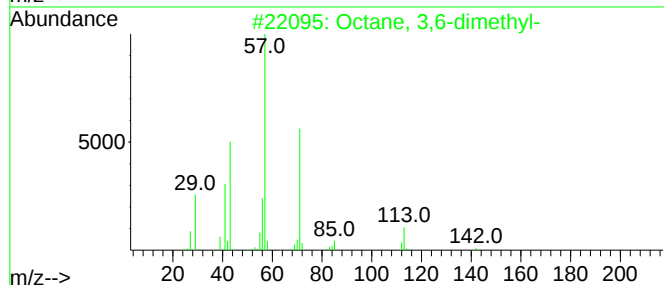
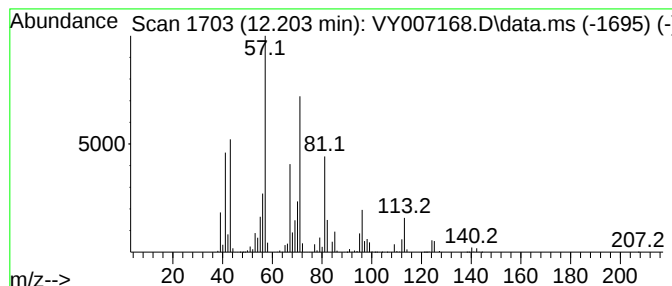
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.203	458.49 ug/l	7370670	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	55
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
5			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007168.D
Acq On : 14 Jan 2022 14:57
Operator : SY/MD
Sample : N1143-01
Misc : 5.09g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

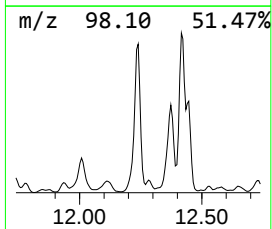
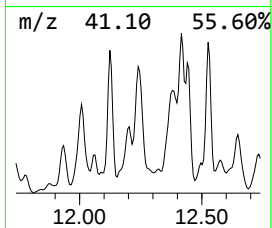
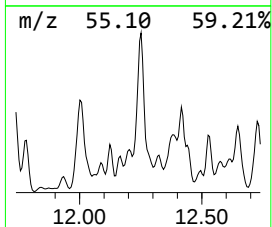
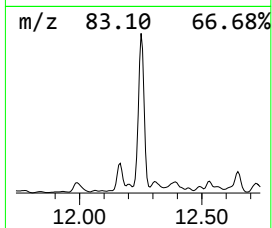
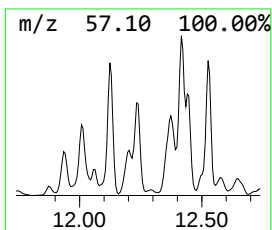
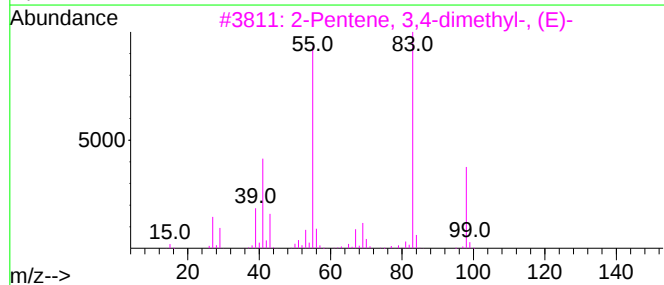
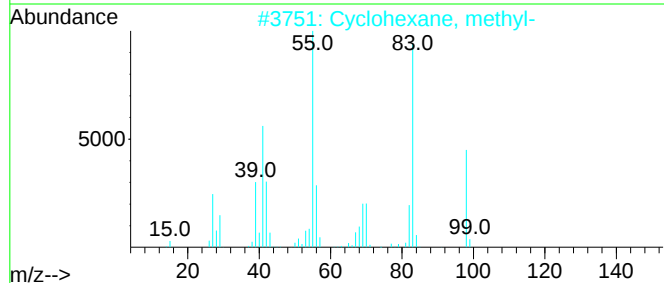
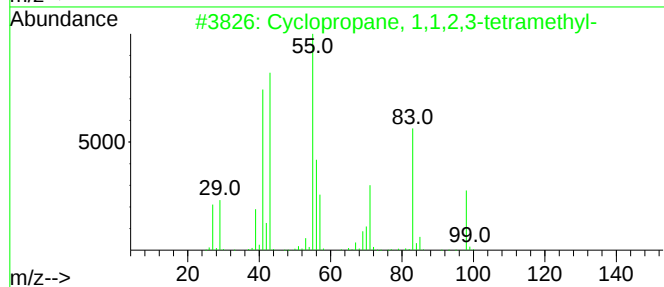
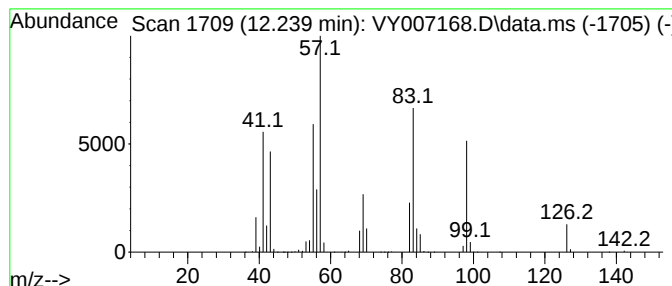
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopropane, 1,1,2,3-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	671.28 ug/l	10791400	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	52
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	46
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	46
4			1H-Pyrazole, 3-ethyl-4,5-dihydro-	98	C5H10N2	005920-29-6	43
5			1-Propene, 1,1'-oxybis-, (Z,Z)-	98	C6H10O	004696-27-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007168.D
Acq On : 14 Jan 2022 14:57
Operator : SY/MD
Sample : N1143-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

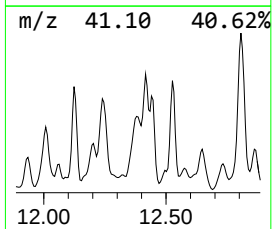
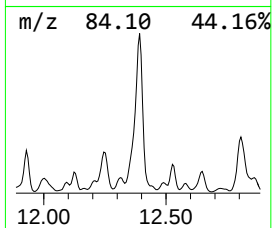
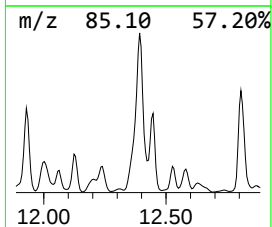
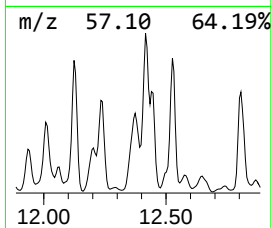
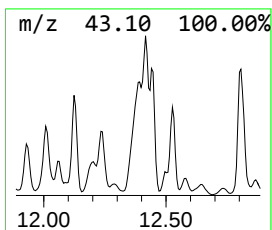
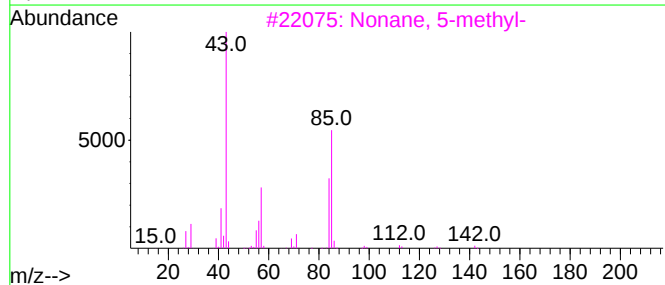
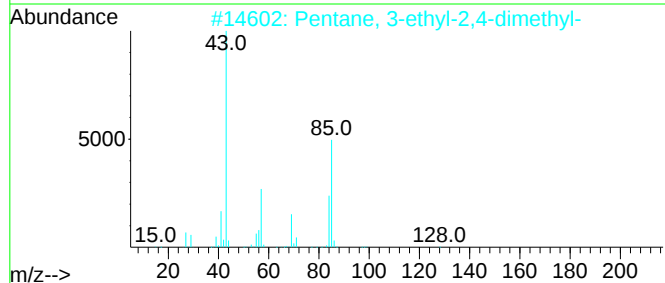
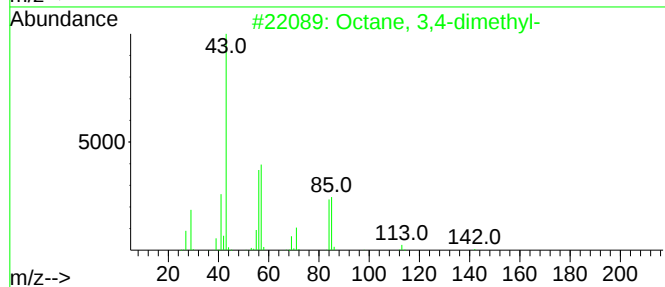
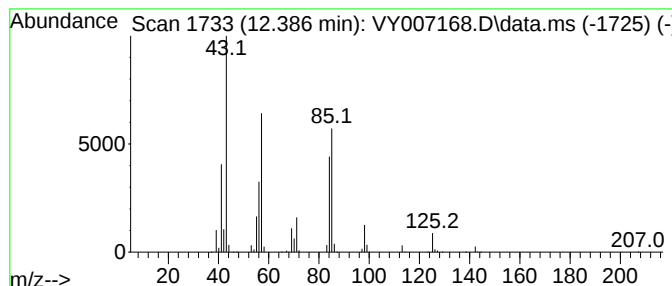
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	619.04 ug/l	9951550	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	72
2			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
3			Nonane, 5-methyl-	142	C10H22	015869-85-9	64
4			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	58
5			Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007168.D
Acq On : 14 Jan 2022 14:57
Operator : SY/MD
Sample : N1143-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

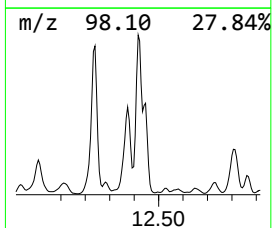
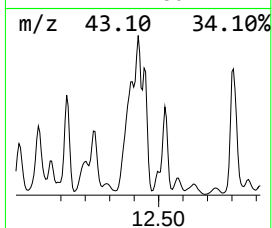
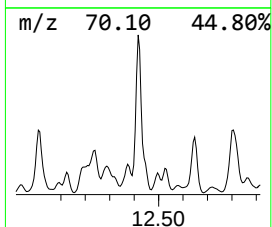
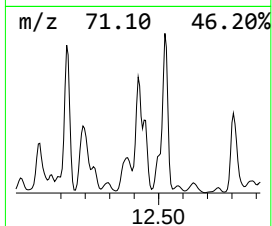
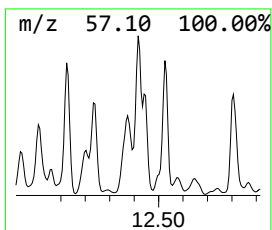
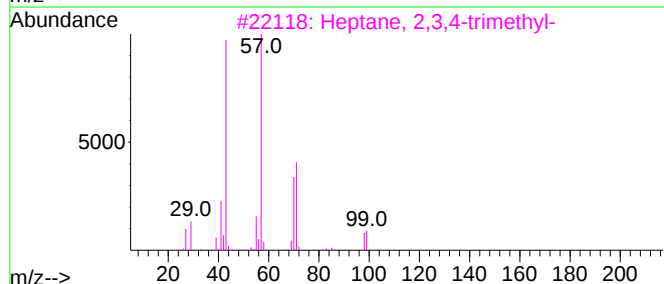
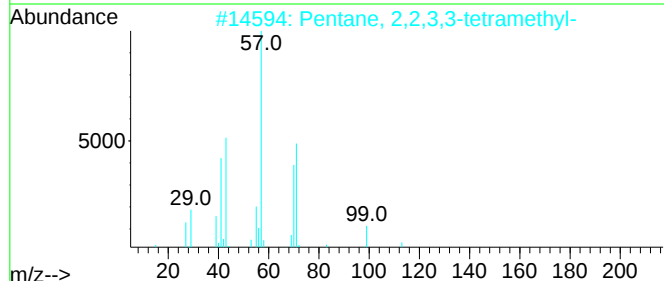
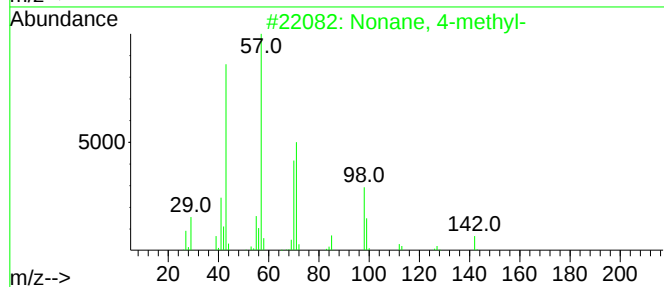
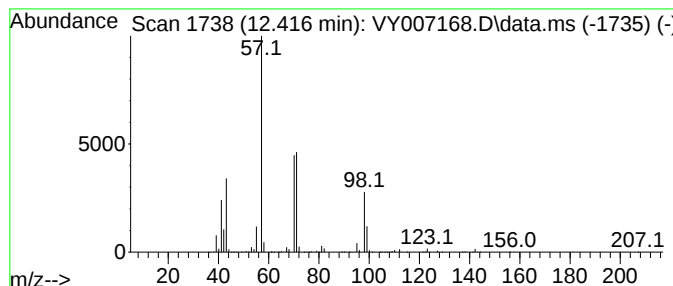
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 7 Nonane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.416	295.40 ug/l	4748850	Chlorobenzene-d5		11.490	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-		142	C10H22	017301-94-9	50
2	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	50
3	Heptane, 2,3,4-trimethyl-		142	C10H22	052896-95-4	50
4	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	47
5	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007168.D
Acq On : 14 Jan 2022 14:57
Operator : SY/MD
Sample : N1143-01
Misc : 5.09g/5.0mL/MSVOA_Y/soil
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

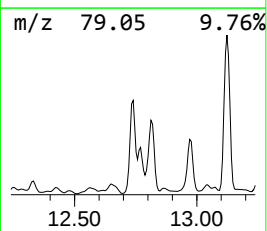
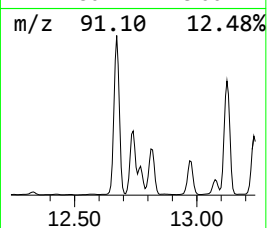
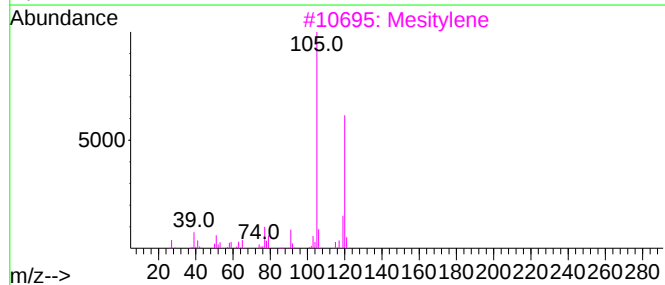
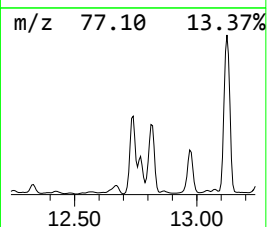
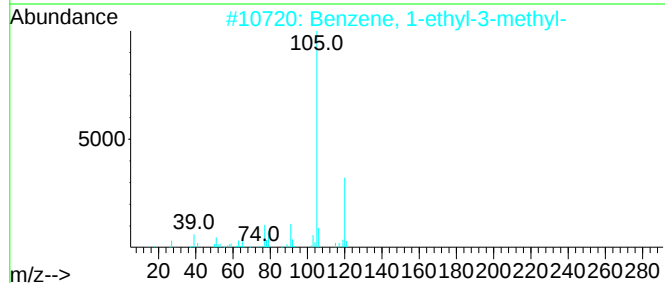
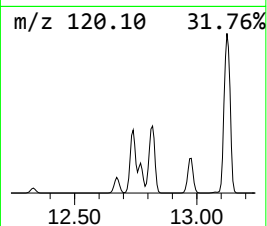
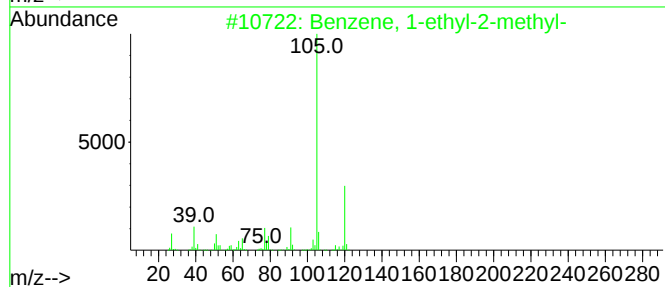
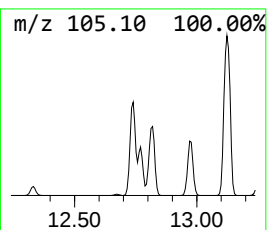
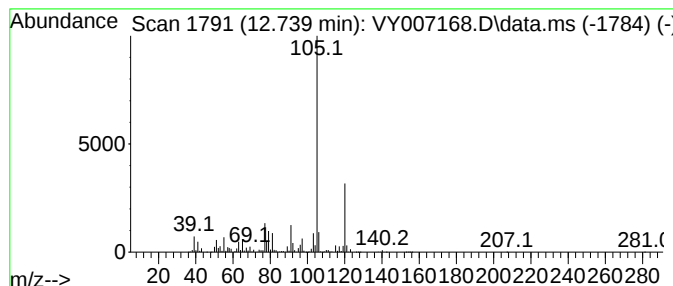
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	382.68 ug/l	18492400	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Mesitylene	120	C9H12	000108-67-8	90
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007168.D
Acq On : 14 Jan 2022 14:57
Operator : SY/MD
Sample : N1143-01
Misc : 5.09g/5.0mL/MSVOA_Y/soil
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

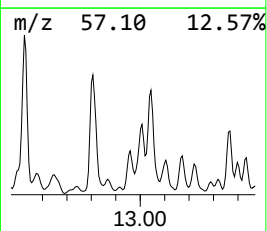
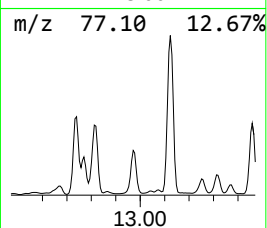
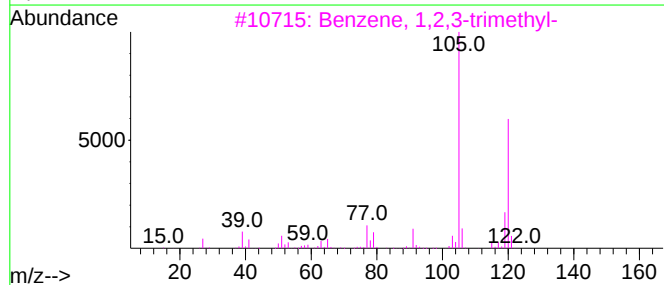
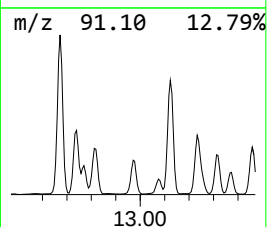
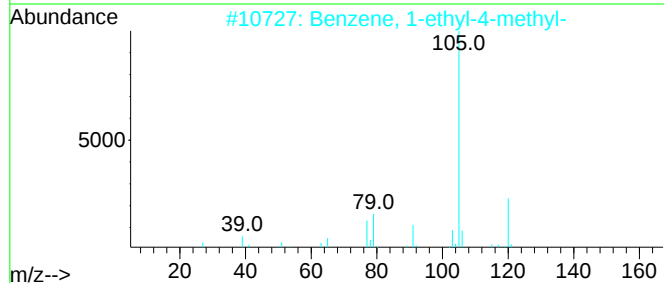
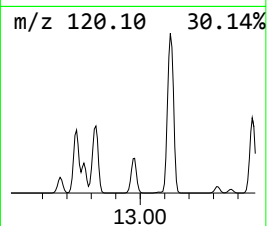
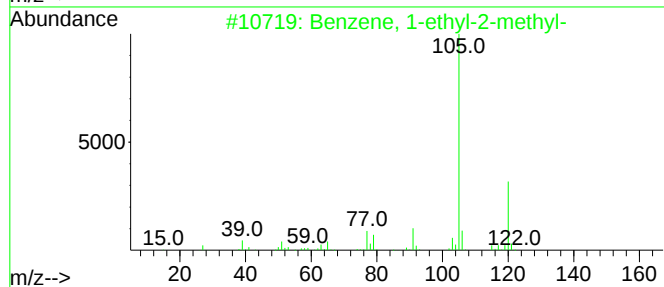
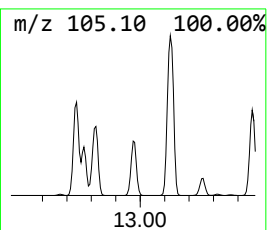
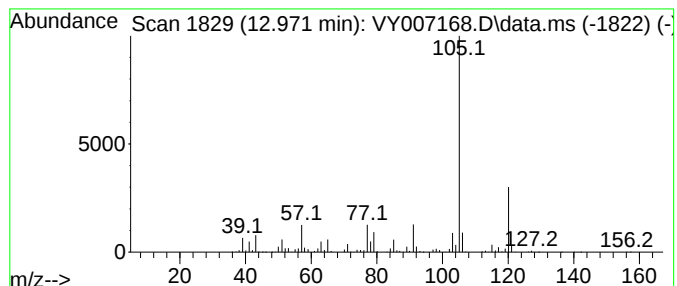
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	284.55 ug/l	13750100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	89
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4			Mesitylene	120	C9H12	000108-67-8	87
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007168.D
Acq On : 14 Jan 2022 14:57
Operator : SY/MD
Sample : N1143-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

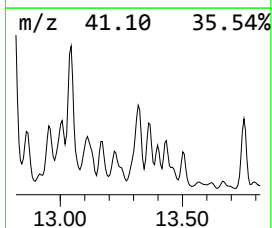
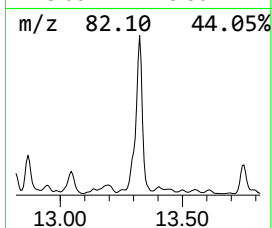
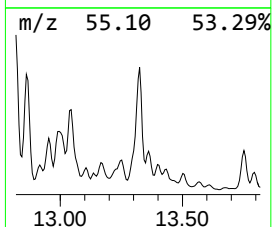
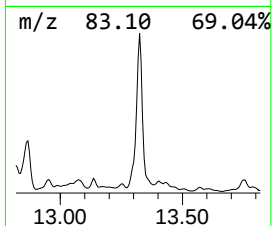
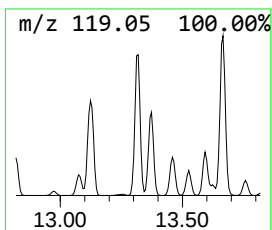
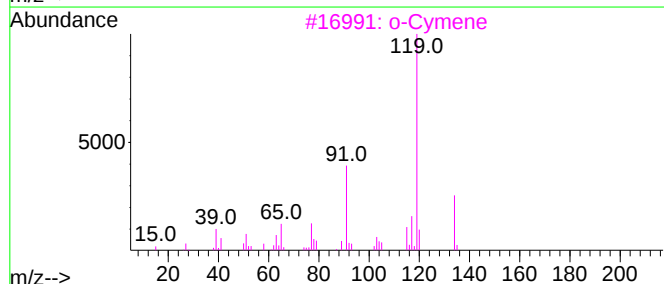
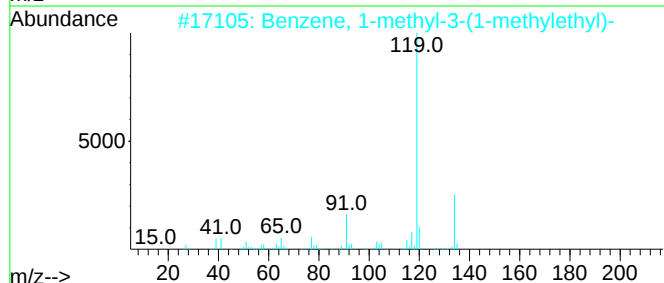
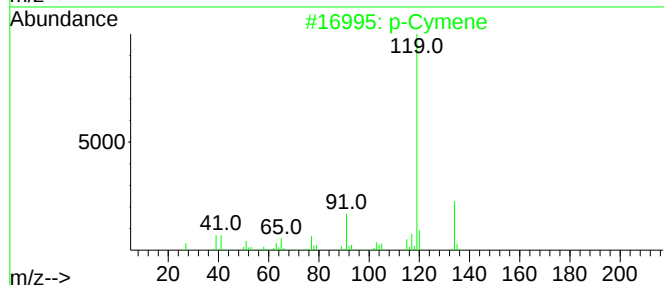
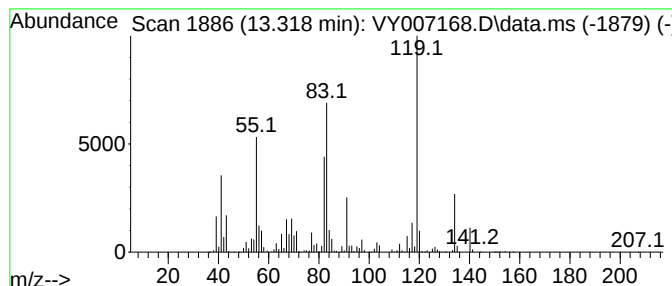
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Quant Title : SW846 8260

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

Peak Number 10 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.319	257.05 ug/l	12421600	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	91
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90
3			o-Cymene	134	C10H14	000527-84-4	90
4			1,3,5-Cycloheptatriene, 3,7,7-trimethyl-	134	C10H14	003479-89-8	70
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007168.D
Acq On : 14 Jan 2022 14:57
Operator : SY/MD
Sample : N1143-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.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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Octane, 3-methyl-	11.380	231.9	ug/l	3728760	3	11.490	803794	50.0
Octane, 3,6-dim...	12.124	567.9	ug/l	9129850	3	11.490	803794	50.0
Octane, 2,6-dim...	12.203	458.5	ug/l	7370670	3	11.490	803794	50.0
Cyclopropane, 1...	12.239	671.3	ug/l	10791400	3	11.490	803794	50.0
Octane, 3,4-dim...	12.386	619.0	ug/l	9951550	3	11.490	803794	50.0
Nonane, 4-methyl-	12.416	295.4	ug/l	4748850	3	11.490	803794	50.0
Benzene, 1-ethy...	12.739	382.7	ug/l	18492400	4	13.428	2416150	50.0
Benzene, 1-ethy...	12.971	284.6	ug/l	13750100	4	13.428	2416150	50.0
p-Cymene	13.319	257.1	ug/l	12421600	4	13.428	2416150	50.0