

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007174.D
 Acq On : 14 Jan 2022 18:17
 Operator : SY/MD
 Sample : N1124-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-CLASS-BOILER-PIT

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: VY007174.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	956	967	972	rBV	94123	226214	1.12%	0.120%
2	7.783	972	978	990	rVB	155925	357221	1.77%	0.190%
3	8.685	1118	1126	1135	rBV	248395	491072	2.43%	0.261%
4	10.179	1363	1371	1379	rBV	432885	775678	3.84%	0.412%
5	11.087	1516	1520	1526	rVB	135957	233263	1.15%	0.124%
6	11.282	1543	1552	1562	rVB3	442336	1132485	5.61%	0.602%
7	11.380	1562	1568	1578	rBV	404742	645969	3.20%	0.343%
8	11.489	1579	1586	1595	rBV	369010	659919	3.27%	0.351%
9	11.593	1595	1603	1605	rVV3	156327	312310	1.55%	0.166%
10	11.624	1605	1608	1612	rVV	192782	324778	1.61%	0.173%
11	11.709	1612	1622	1631	rVV3	2086751	5570237	27.58%	2.962%
12	11.782	1631	1634	1639	rVB	448836	667547	3.31%	0.355%
13	11.898	1646	1653	1655	rBV2	108973	214811	1.06%	0.114%
14	11.934	1655	1659	1663	rVB2	271066	435572	2.16%	0.232%
15	12.008	1663	1671	1682	rBV6	1157069	4149073	20.54%	2.206%
16	12.123	1686	1690	1694	rVB	787946	1019348	5.05%	0.542%
17	12.166	1694	1697	1698	rBV	251229	287570	1.42%	0.153%
18	12.203	1698	1703	1706	rBV3	743341	1213700	6.01%	0.645%
19	12.245	1706	1710	1720	rVB4	1277792	2475360	12.26%	1.316%
20	12.325	1720	1723	1726	rBV2	234757	307600	1.52%	0.164%
21	12.380	1727	1732	1735	rBV5	490453	994696	4.93%	0.529%
22	12.416	1735	1738	1741	rBV2	596470	708129	3.51%	0.377%
23	12.483	1746	1749	1753	rVV4	568066	1049750	5.20%	0.558%
24	12.526	1753	1756	1759	rVV	925157	1366165	6.76%	0.726%
25	12.575	1760	1764	1767	rVV4	542324	1143049	5.66%	0.608%
26	12.617	1768	1771	1772	rVV2	434634	608977	3.02%	0.324%
27	12.648	1772	1776	1784	rVB3	1325189	3366780	16.67%	1.790%
28	12.733	1784	1790	1794	rBV	4084767	7137592	35.34%	3.795%
29	12.770	1794	1796	1798	rVV	2125541	2740591	13.57%	1.457%
30	12.812	1798	1803	1808	rVV2	9914404	17181507	85.07%	9.136%
31	12.861	1808	1811	1816	rVV2	1151858	1961083	9.71%	1.043%
32	12.916	1817	1820	1821	rVV2	289896	376971	1.87%	0.200%
33	12.971	1822	1829	1837	rVV2	2594509	7255590	35.92%	3.858%
34	13.044	1837	1841	1848	rVV2	2136489	4199194	20.79%	2.233%
35	13.123	1848	1854	1859	rVV	12669980	20196691	100.00%	10.740%
36	13.166	1859	1861	1867	rVV3	743846	1611788	7.98%	0.857%

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37	13.251	1868	1875	1879	rVV4	1217839	3102036	15.36%	1.650%
38	13.318	1879	1886	1890	rVV2	3319796	6512443	32.25%	3.463%
39	13.367	1890	1894	1898	rVV2	1928076	3388919	16.78%	1.802%
40	13.459	1902	1909	1914	rVV	7026506	11663961	57.75%	6.202%
41	13.501	1914	1916	1923	rVV2	562413	1310001	6.49%	0.697%
42	13.593	1927	1931	1933	rVV	1183164	1889548	9.36%	1.005%
43	13.623	1933	1936	1940	rVV	3385256	5306394	26.27%	2.822%
44	13.666	1940	1943	1952	rVV3	4056449	7595354	37.61%	4.039%
45	13.751	1952	1957	1962	rVV3	4459303	6995749	34.64%	3.720%
46	13.824	1962	1969	1974	rVV	1707046	3220421	15.95%	1.712%
47	13.885	1975	1979	1982	rVV	2016218	3514956	17.40%	1.869%
48	13.916	1982	1984	1989	rVV	2784247	3880498	19.21%	2.063%
49	13.977	1989	1994	1998	rVV	2772439	4209802	20.84%	2.239%
50	14.032	1998	2003	2006	rVV2	294948	453336	2.24%	0.241%
51	14.080	2006	2011	2016	rVB2	2628396	4146741	20.53%	2.205%
52	14.135	2016	2020	2028	rBV7	631681	1654185	8.19%	0.880%
53	14.215	2028	2033	2037	rBV2	1197918	2041174	10.11%	1.085%
54	14.269	2037	2042	2043	rVV2	759128	1261738	6.25%	0.671%
55	14.300	2043	2047	2050	rVV2	1617400	2781481	13.77%	1.479%
56	14.337	2050	2053	2057	rVB	2144448	2870459	14.21%	1.526%
57	14.385	2057	2061	2064	rBV2	903772	1177029	5.83%	0.626%
58	14.422	2064	2067	2071	rBV	668256	766366	3.79%	0.408%
59	14.519	2079	2083	2087	rVB2	570707	949623	4.70%	0.505%
60	14.568	2087	2091	2094	rVV2	367622	644176	3.19%	0.343%
61	14.611	2095	2098	2103	rVB	1139334	1603937	7.94%	0.853%
62	14.672	2103	2108	2116	rBV3	2360501	4615538	22.85%	2.454%
63	14.739	2116	2119	2124	rVV2	426507	640423	3.17%	0.341%
64	14.836	2131	2135	2138	rVB	205289	249277	1.23%	0.133%
65	14.946	2149	2153	2156	rBV2	377418	571932	2.83%	0.304%
66	15.056	2166	2171	2181	rVB3	399769	876929	4.34%	0.466%
67	15.147	2181	2186	2190	rVB3	132273	237673	1.18%	0.126%
68	15.239	2190	2201	2212	rVB	1598743	2919772	14.46%	1.553%
69	15.342	2213	2218	2223	rBV2	125542	218751	1.08%	0.116%
70	15.434	2230	2233	2241	rVB6	151512	262063	1.30%	0.139%
71	16.293	2367	2374	2381	rBV	371781	741526	3.67%	0.394%
72	16.489	2398	2406	2419	rVB	172501	386391	1.91%	0.205%

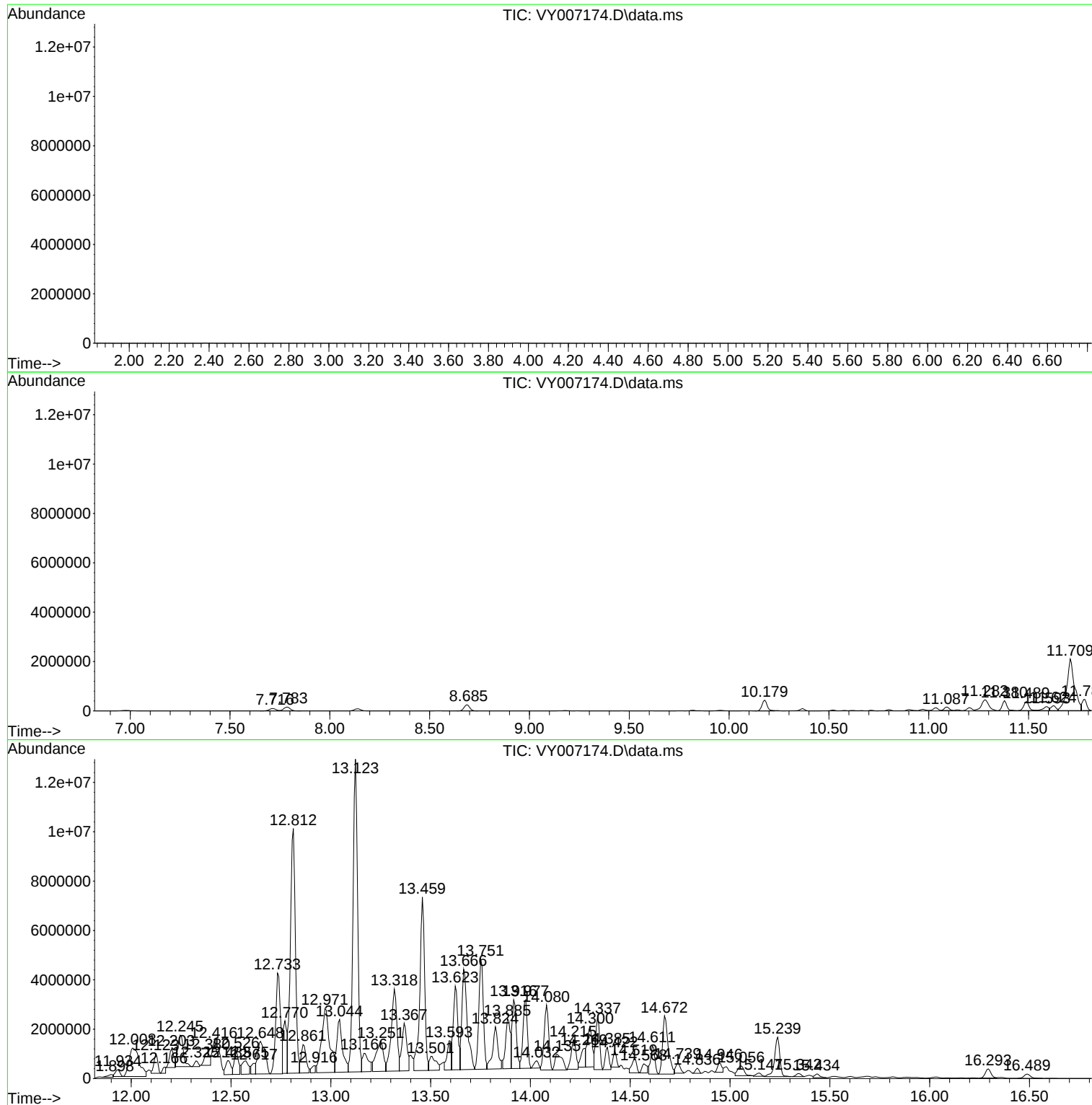
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WASTE-CLASS-BOILER-PIT

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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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

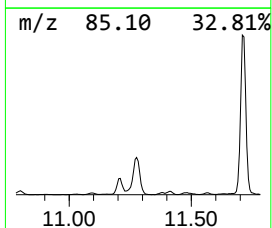
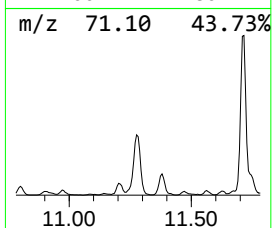
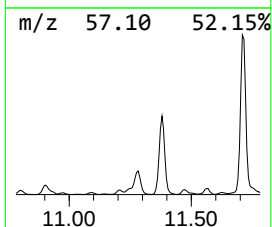
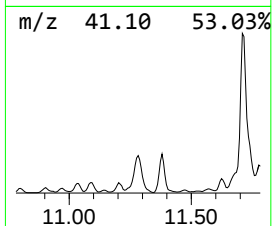
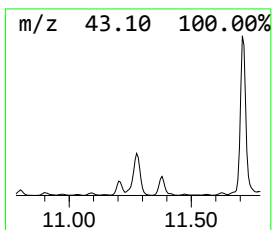
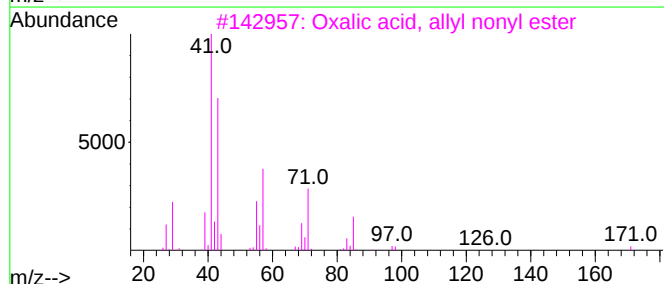
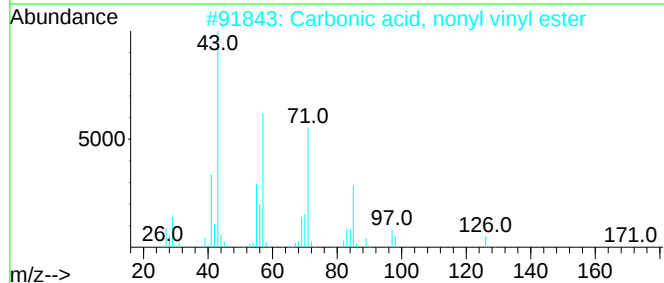
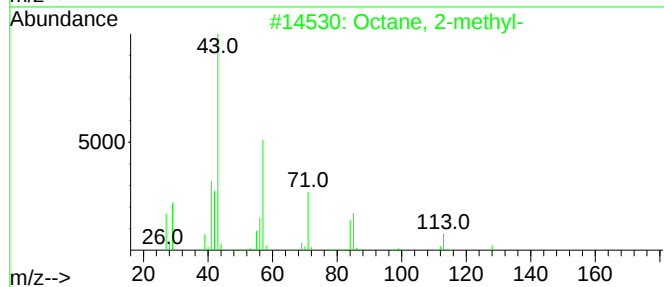
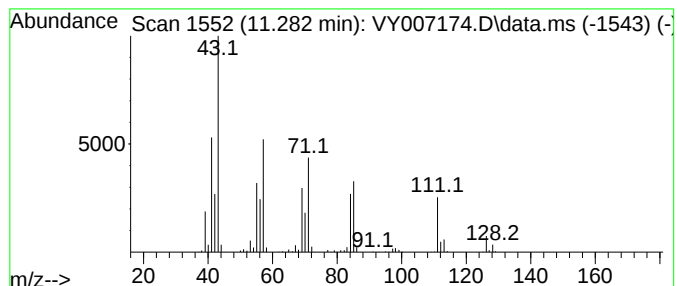
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	85.80 ug/l	1132490	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	72
2			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	49
3			Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	43
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38



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ClientSampleId :
WASTE-CLASS-BOILER-PIT

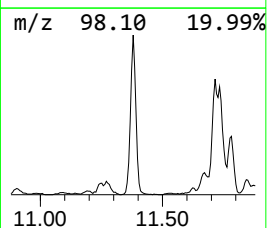
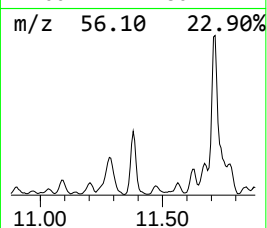
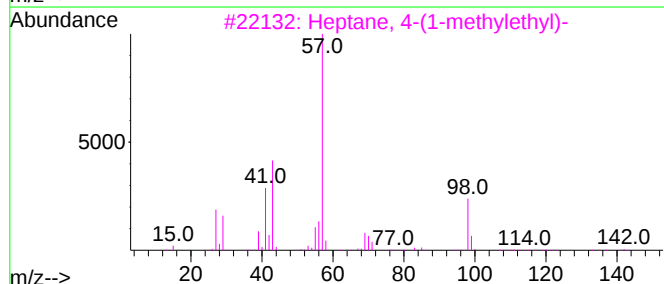
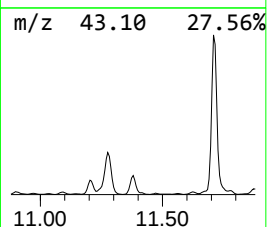
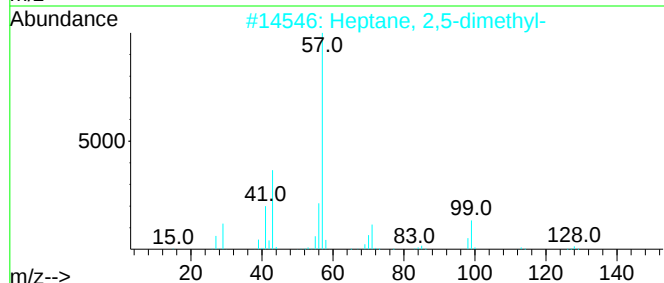
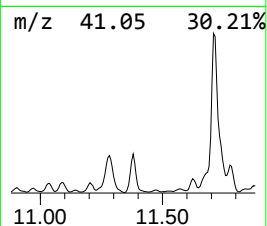
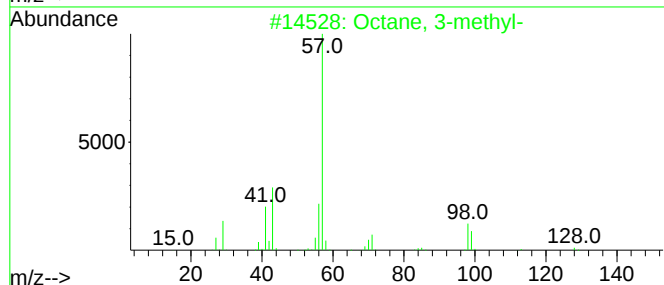
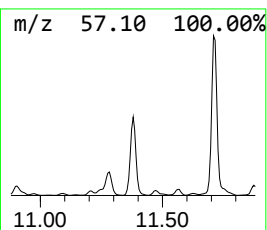
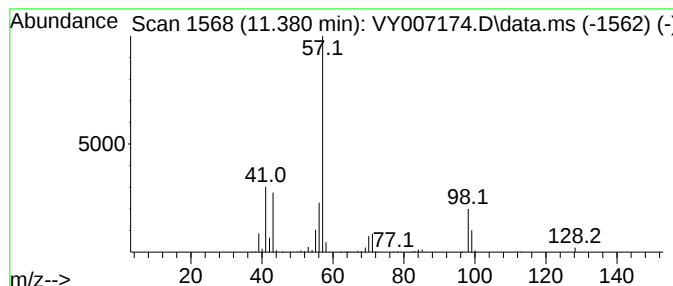
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	48.94 ug/l	645969	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	74
3			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	53
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	50



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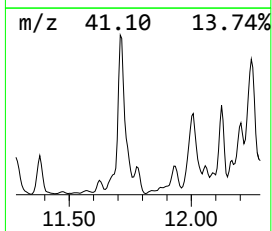
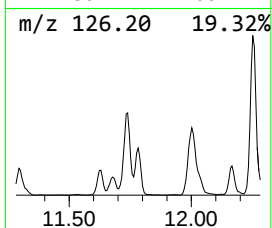
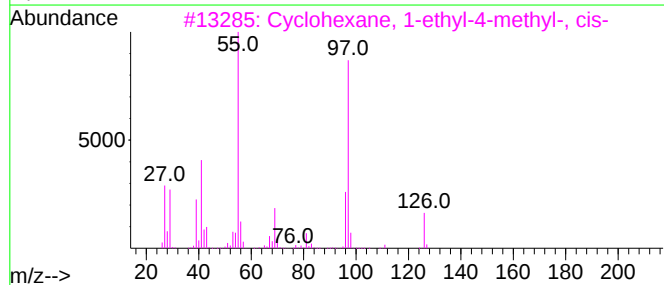
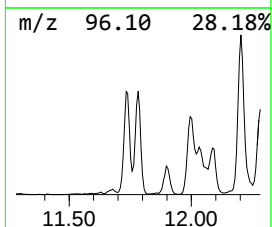
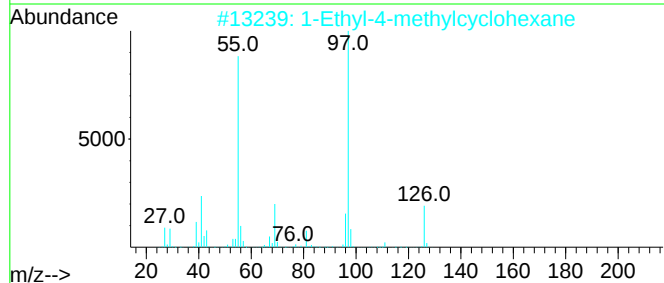
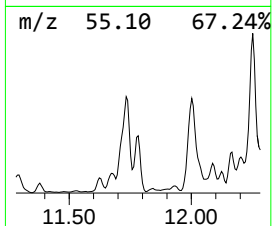
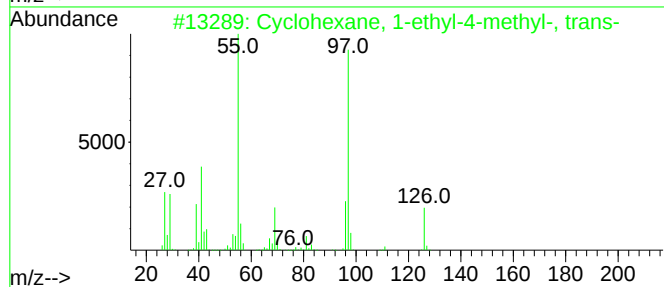
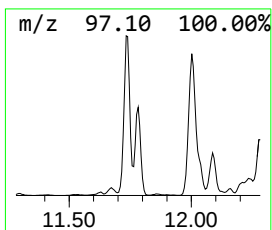
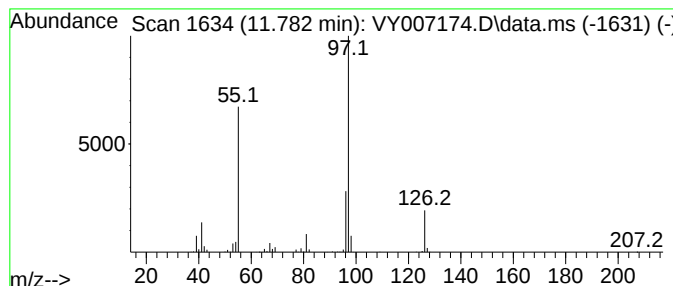
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.782	50.58 ug/l	667547	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72



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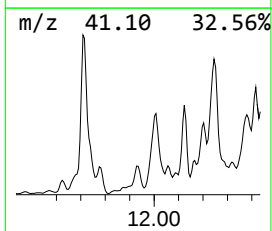
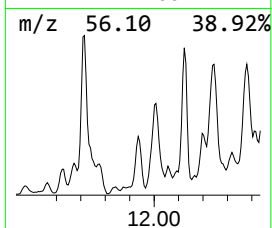
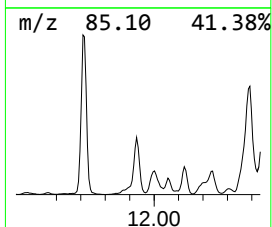
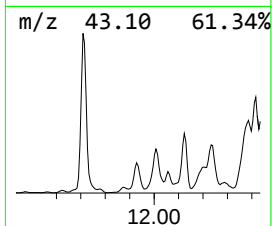
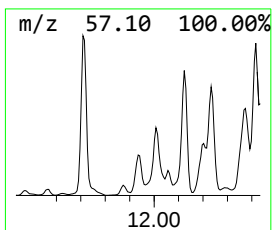
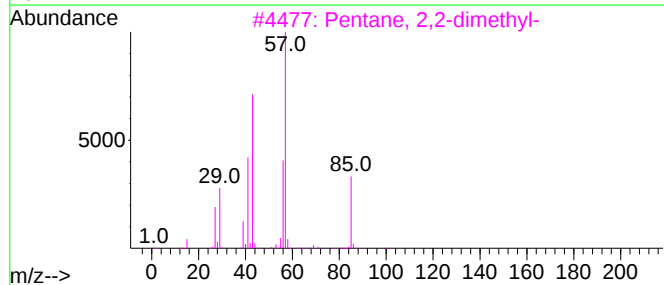
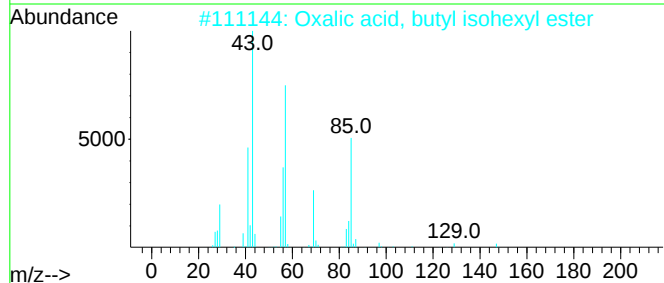
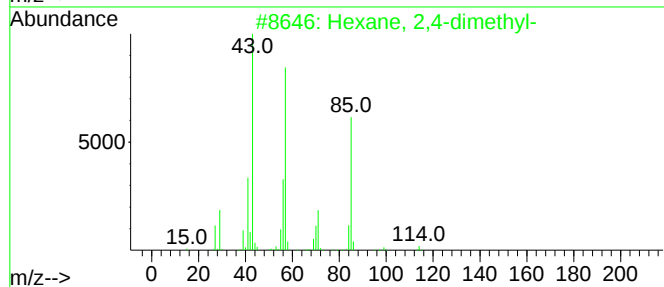
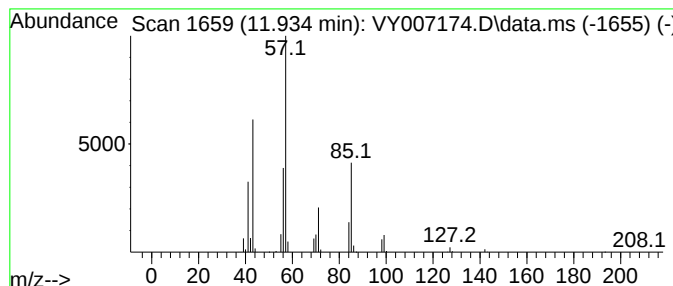
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 4 Hexane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.935	33.00 ug/l	435572	Chlorobenzene-d5	11.490	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
4	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	50
5	2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007174.D
Acq On : 14 Jan 2022 18:17
Operator : SY/MD
Sample : N1124-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

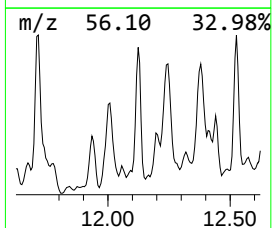
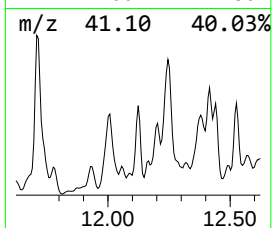
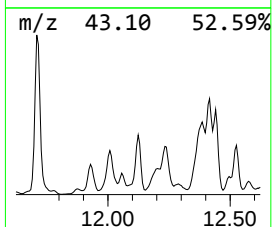
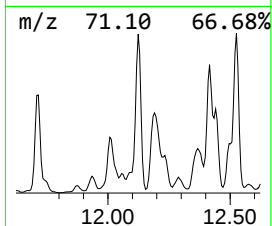
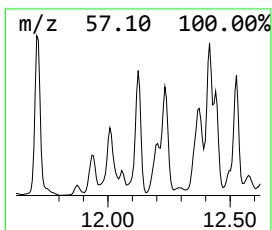
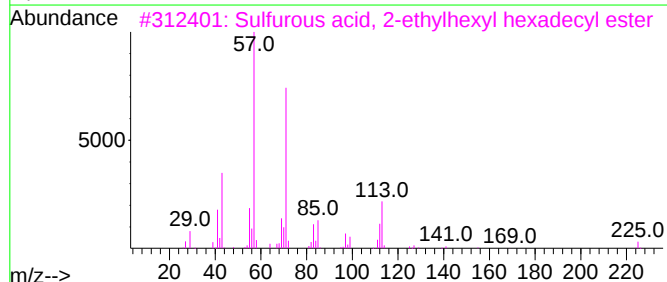
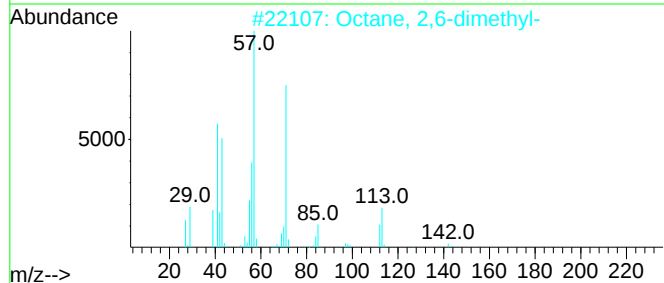
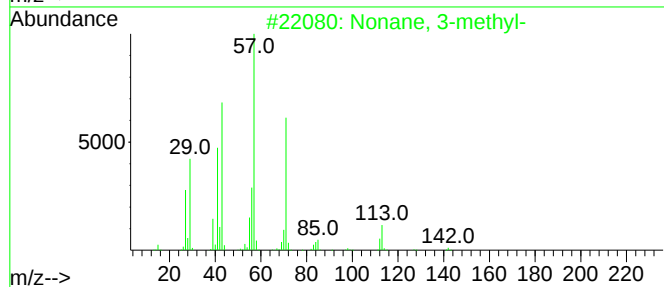
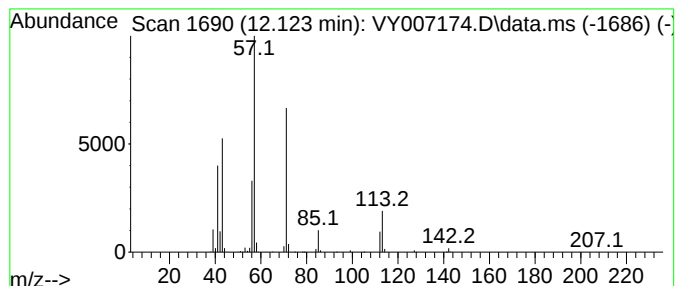
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Quant Title : SW846 8260

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

Peak Number 5 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	77.23 ug/l	1019350	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			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007174.D
Acq On : 14 Jan 2022 18:17
Operator : SY/MD
Sample : N1124-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

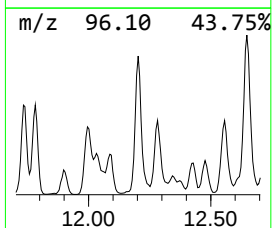
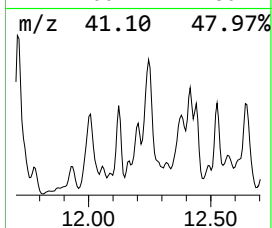
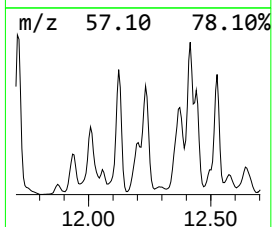
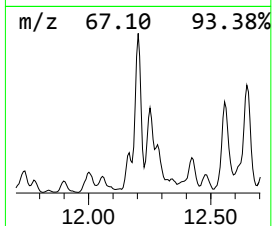
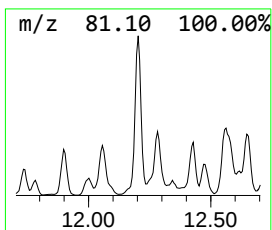
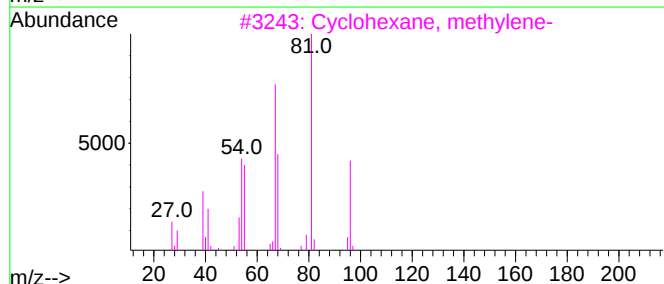
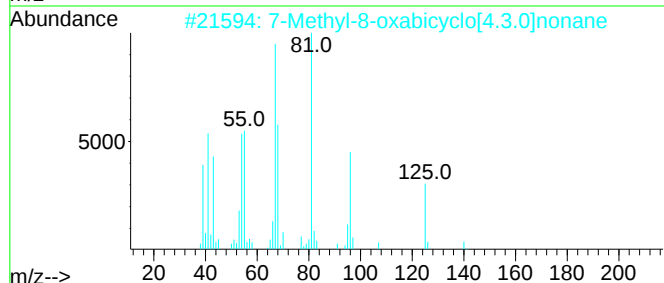
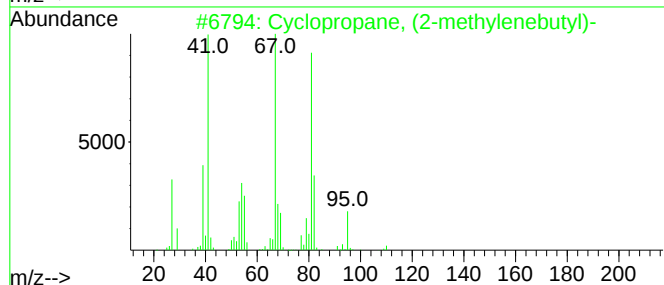
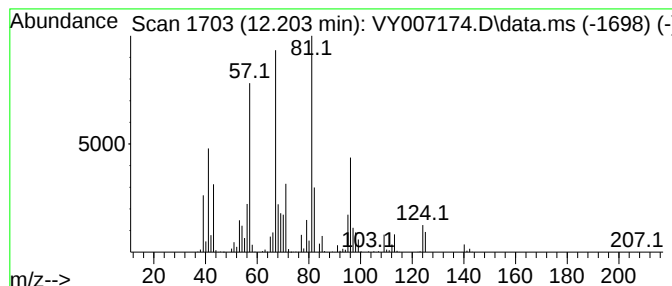
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

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 6 Cyclopropane, (2-methyleneb... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.203	91.96 ug/l	1213700	Chlorobenzene-d5	11.490	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	58
2	7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	58
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	58
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	45
5	Cyclohexene,3-butyl-	138	C10H18	003983-07-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007174.D
Acq On : 14 Jan 2022 18:17
Operator : SY/MD
Sample : N1124-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

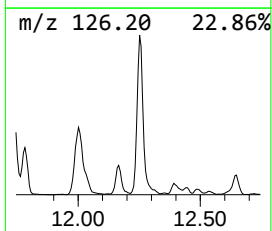
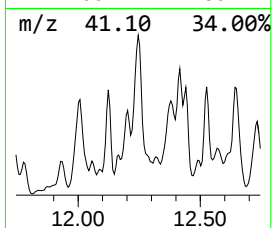
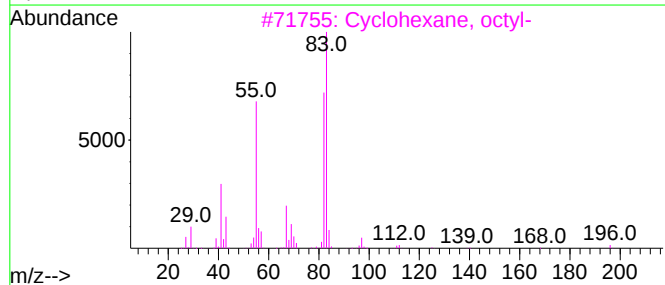
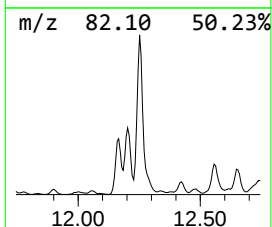
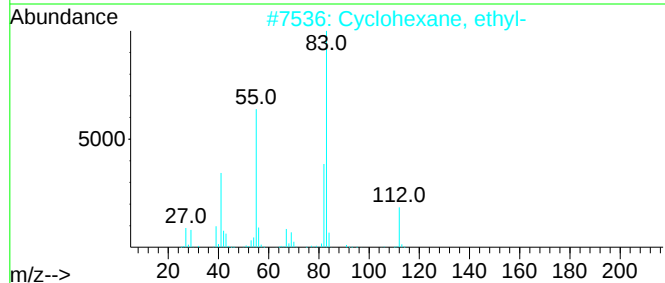
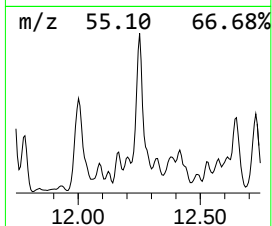
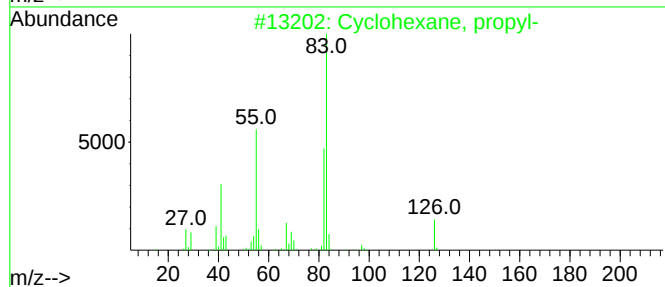
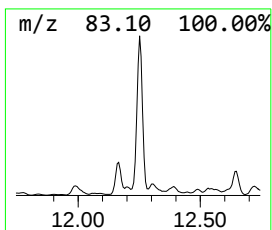
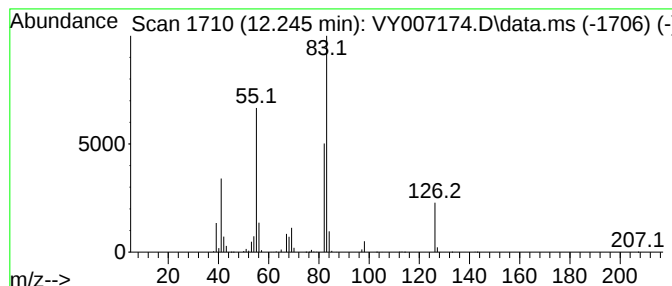
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	187.55 ug/l	2475360	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	56
4			2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	52
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007174.D
Acq On : 14 Jan 2022 18:17
Operator : SY/MD
Sample : N1124-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

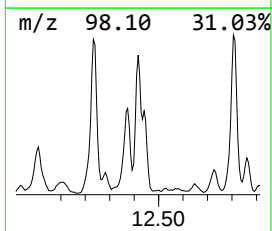
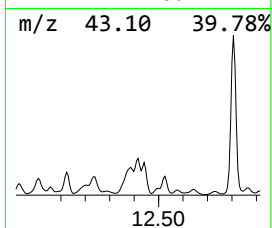
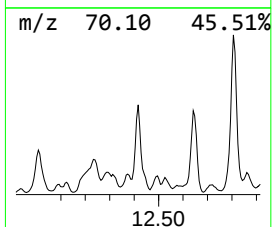
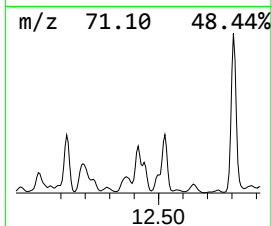
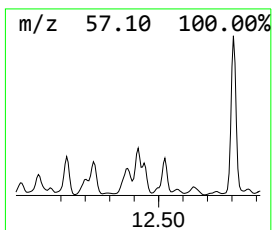
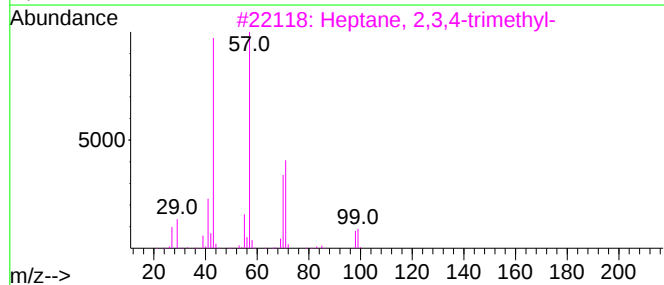
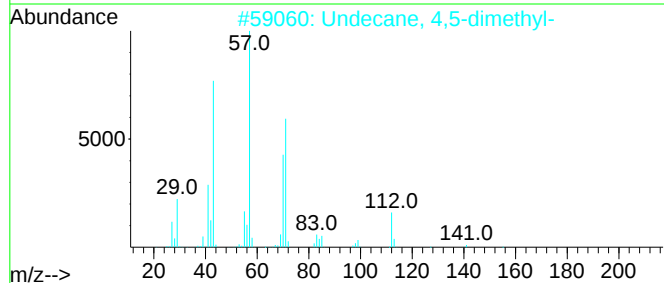
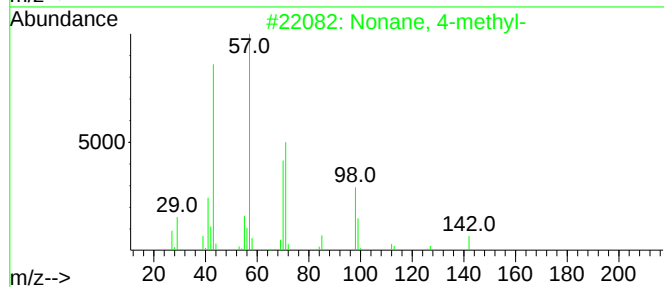
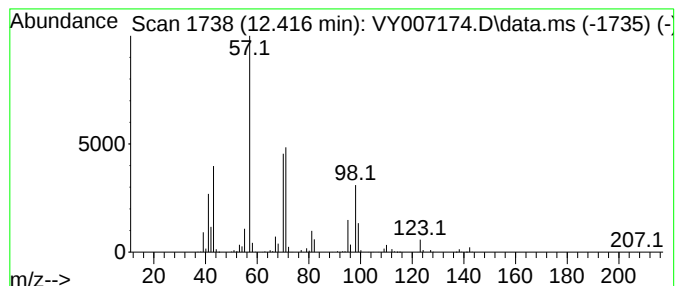
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Quant Title : SW846 8260

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

Peak Number 8 Nonane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	53.65 ug/l	708129	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	40
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	40
4			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
5			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007174.D
Acq On : 14 Jan 2022 18:17
Operator : SY/MD
Sample : N1124-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

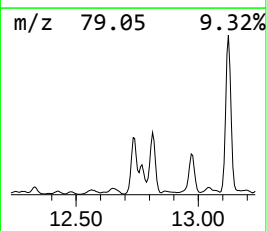
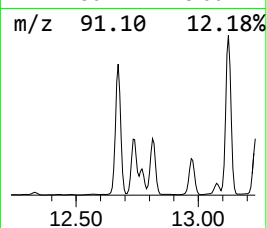
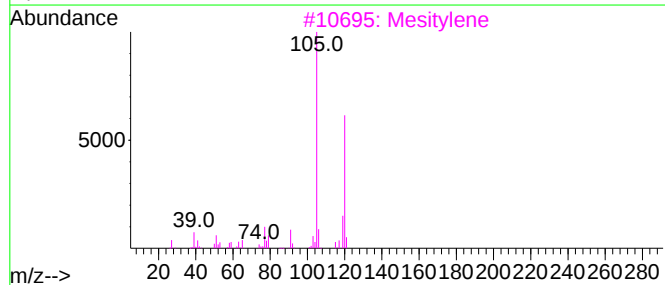
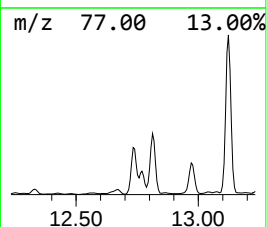
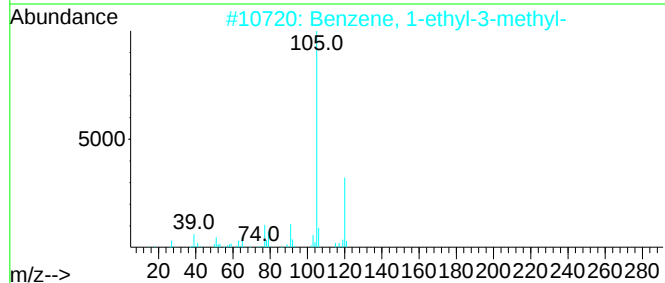
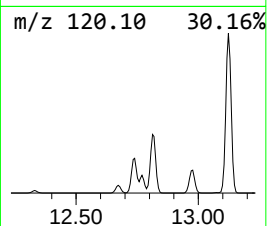
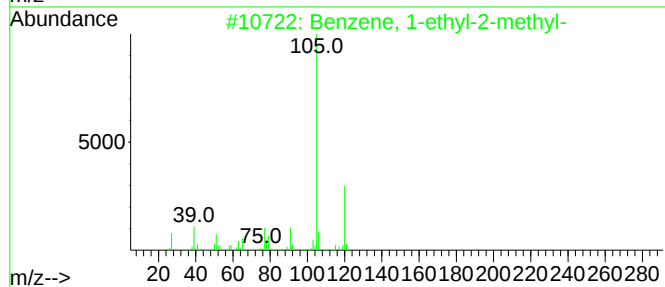
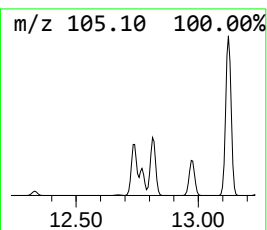
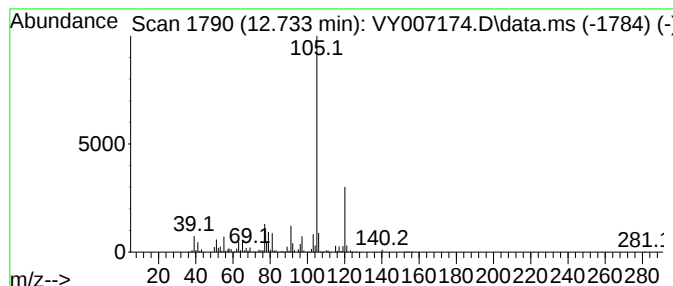
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	30.60 ug/l	7137590	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007174.D
Acq On : 14 Jan 2022 18:17
Operator : SY/MD
Sample : N1124-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

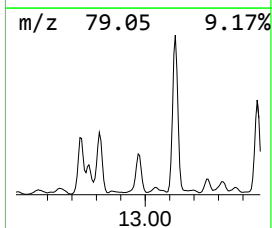
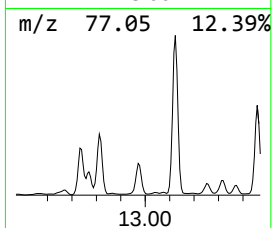
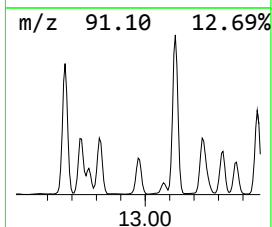
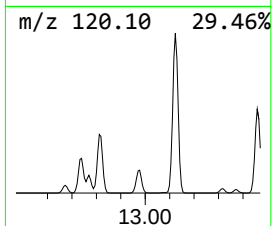
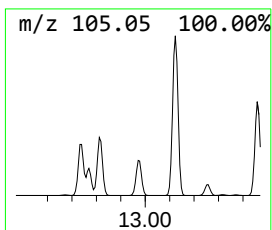
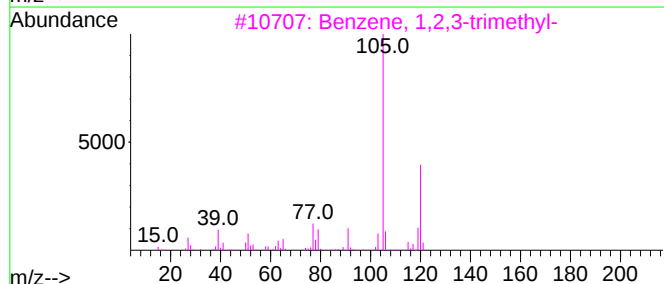
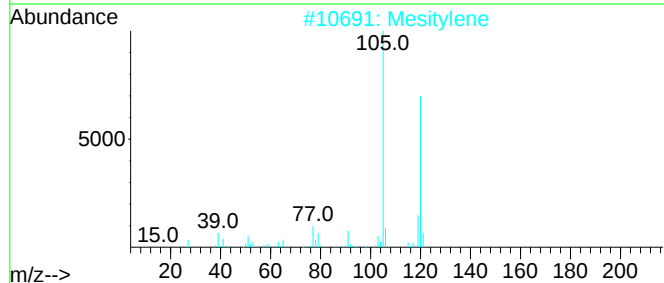
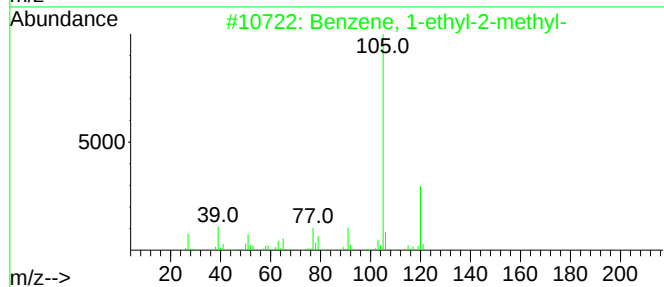
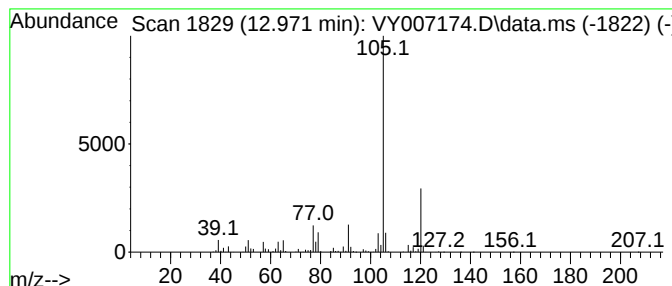
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	31.10 ug/l	7255590	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			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007174.D
Acq On : 14 Jan 2022 18:17
Operator : SY/MD
Sample : N1124-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

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	48.9	ug/l	645969	3	11.490	659919	50.0
Cyclohexane, 1-...	11.782	50.6	ug/l	667547	3	11.490	659919	50.0
Hexane, 2,4-dim...	11.935	33.0	ug/l	435572	3	11.490	659919	50.0
Nonane, 3-methyl-	12.124	77.2	ug/l	1019350	3	11.490	659919	50.0
Cyclopropane, (...)	12.203	92.0	ug/l	1213700	3	11.490	659919	50.0
Cyclohexane, pr...	12.245	187.6	ug/l	2475360	3	11.490	659919	50.0
Nonane, 4-methyl-	12.416	53.6	ug/l	708129	3	11.490	659919	50.0
Benzene, 1-ethy...	12.733	30.6	ug/l	7137590	4	13.428	11664000	50.0
Benzene, 1-ethy...	12.971	31.1	ug/l	7255590	4	13.428	11664000	50.0