

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001244.D
 Acq On : 16 Jan 2020 01:56
 Operator : SY/MD
 Sample : L1136-08
 Misc : 7.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_36-38

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.865	17	21	31	rVB3	10138	17693	1.36%	0.099%
2	4.724	481	490	502	rBV3	8121	26083	2.01%	0.146%
3	6.998	855	863	871	rBV5	5313	15276	1.17%	0.085%
4	7.730	972	983	989	rBV2	126195	309139	23.77%	1.730%
5	7.803	989	995	1007	rVB	219763	494521	38.02%	2.768%
6	8.150	1043	1052	1064	rVB	140296	305381	23.48%	1.709%
7	8.699	1133	1142	1153	rVB	353182	700738	53.87%	3.922%
8	10.180	1378	1385	1394	rBV	565594	965477	74.22%	5.403%
9	10.711	1468	1472	1477	rVV2	9812	16180	1.24%	0.091%
10	10.802	1477	1487	1496	rVB	138547	222375	17.10%	1.245%
11	10.906	1496	1504	1512	rBV	41518	86322	6.64%	0.483%
12	11.205	1546	1553	1557	rBV4	21876	43102	3.31%	0.241%
13	11.278	1557	1565	1575	rVB2	84069	167236	12.86%	0.936%
14	11.381	1575	1582	1585	rBV	57519	95310	7.33%	0.533%
15	11.412	1585	1587	1592	rVB2	20267	25625	1.97%	0.143%
16	11.491	1592	1600	1608	rBV	527580	916180	70.43%	5.128%
17	11.564	1608	1612	1618	rVB	10018	16126	1.24%	0.090%
18	11.711	1625	1636	1641	rBV2	269096	458179	35.22%	2.564%
19	11.839	1651	1657	1660	rBV4	34431	67043	5.15%	0.375%
20	11.875	1660	1663	1667	rVV4	29095	59870	4.60%	0.335%
21	11.930	1667	1672	1676	rVV3	118990	217010	16.68%	1.215%
22	12.009	1676	1685	1690	rVV2	166827	432361	33.24%	2.420%
23	12.058	1690	1693	1696	rVV	87028	131953	10.14%	0.738%
24	12.119	1696	1703	1709	rVB	555845	910898	70.03%	5.098%
25	12.198	1709	1716	1718	rBV	167388	318608	24.49%	1.783%
26	12.229	1718	1721	1727	rVB	235892	368313	28.32%	2.061%
27	12.308	1727	1734	1738	rBV7	60259	156639	12.04%	0.877%
28	12.375	1738	1745	1748	rVV4	168069	439202	33.77%	2.458%
29	12.412	1748	1751	1753	rVV	299205	424975	32.67%	2.378%
30	12.436	1753	1755	1758	rVV	277025	340516	26.18%	1.906%
31	12.479	1758	1762	1766	rVV	455232	723056	55.59%	4.047%
32	12.521	1766	1769	1774	rVV	232842	303926	23.37%	1.701%
33	12.570	1774	1777	1782	rVV2	31684	45171	3.47%	0.253%
34	12.735	1795	1804	1809	rBV7	65086	219335	16.86%	1.228%

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35	12.802	1809	1815	1831	rVV3	444676	1034170	79.51%	5.788%
36	12.948	1835	1839	1843	rVB3	100903	142290	10.94%	0.796%
37	13.003	1843	1848	1850	rBV2	104083	158235	12.16%	0.886%
38	13.040	1850	1854	1861	rVB	435266	662169	50.91%	3.706%
39	13.168	1871	1875	1879	rBV	85104	127963	9.84%	0.716%
40	13.216	1880	1883	1891	rVB3	112523	200164	15.39%	1.120%
41	13.314	1891	1899	1903	rBV5	133846	293174	22.54%	1.641%
42	13.357	1903	1906	1909	rVV3	175442	262717	20.20%	1.470%
43	13.424	1909	1917	1926	rVB3	645447	1300746	100.00%	7.280%
44	13.497	1926	1929	1936	rVB	123409	171807	13.21%	0.962%
45	13.564	1936	1940	1944	rVB3	55212	81755	6.29%	0.458%
46	13.607	1944	1947	1951	rVB5	37622	47334	3.64%	0.265%
47	13.686	1955	1960	1963	rBV4	36452	66115	5.08%	0.370%
48	13.747	1964	1970	1974	rBV2	217572	406854	31.28%	2.277%
49	13.790	1974	1977	1982	rVB2	79580	108806	8.36%	0.609%
50	13.857	1983	1988	1993	rVB5	82408	157540	12.11%	0.882%
51	13.918	1994	1998	2003	rBV7	62176	135738	10.44%	0.760%
52	14.015	2011	2014	2018	rVB	59690	79736	6.13%	0.446%
53	14.125	2027	2032	2041	rVB6	129511	280416	21.56%	1.569%
54	14.198	2041	2044	2046	rBV4	20307	27425	2.11%	0.153%
55	14.277	2047	2057	2069	rVB3	300241	839354	64.53%	4.698%
56	14.387	2070	2075	2079	rBV3	109508	197222	15.16%	1.104%
57	14.552	2098	2102	2104	rBV3	13668	19910	1.53%	0.111%
58	14.613	2108	2112	2115	rVV3	41804	59305	4.56%	0.332%
59	14.680	2119	2123	2127	rVV3	56360	97553	7.50%	0.546%
60	14.728	2127	2131	2139	rVB3	77769	138007	10.61%	0.772%
61	14.808	2140	2144	2147	rBV4	28651	51173	3.93%	0.286%
62	14.875	2148	2155	2161	rVB2	108034	233669	17.96%	1.308%
63	14.942	2162	2166	2170	rVB2	50081	75956	5.84%	0.425%
64	14.997	2171	2175	2178	rBV	37653	61306	4.71%	0.343%
65	15.112	2187	2194	2197	rBV3	53784	109743	8.44%	0.614%
66	15.271	2215	2220	2228	rBV5	44558	110245	8.48%	0.617%
67	15.442	2244	2248	2249	rBV3	15106	20897	1.61%	0.117%
68	15.600	2270	2274	2282	rVB6	32421	68540	5.27%	0.384%

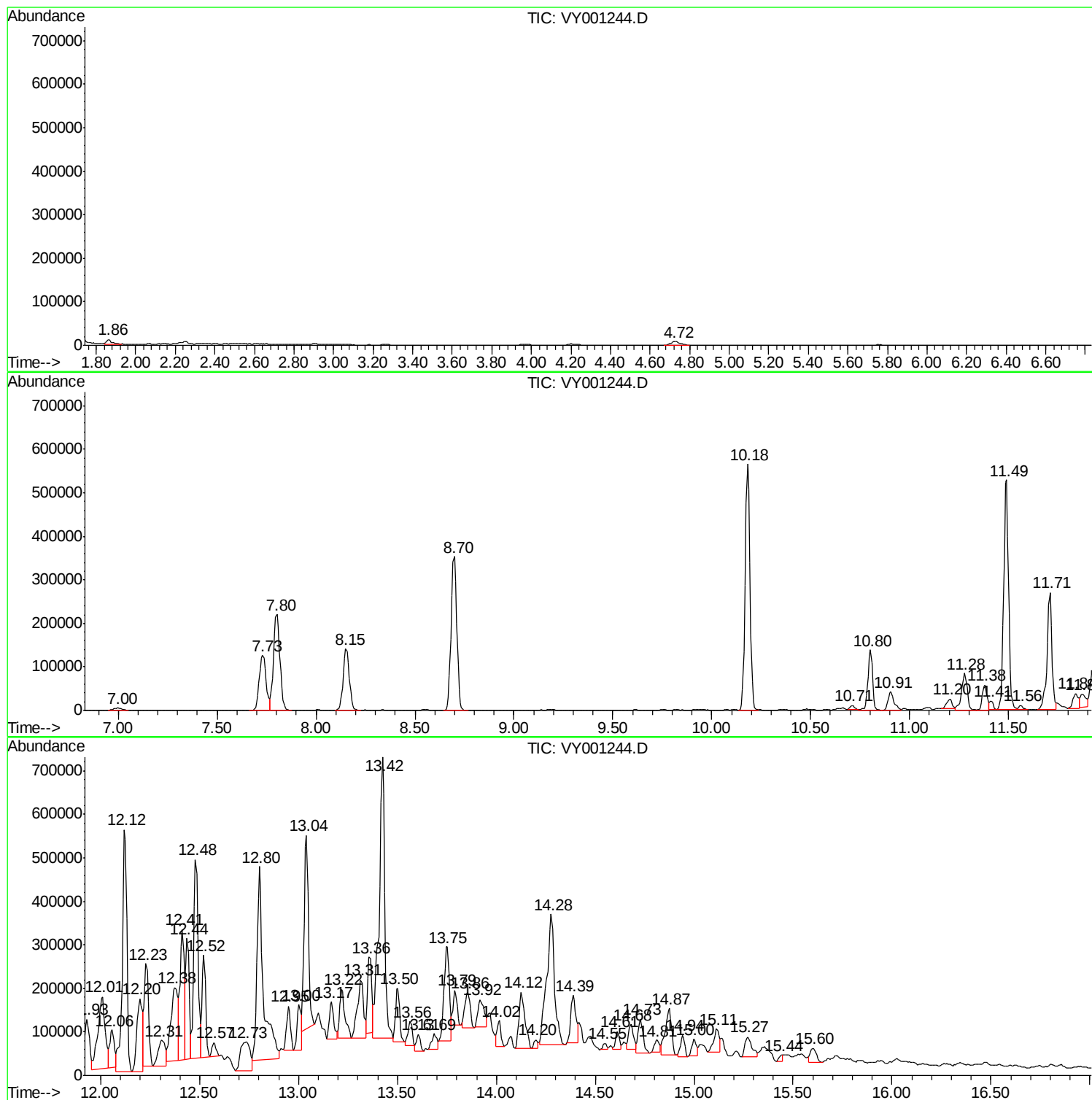
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WP022SB457_200113_36-38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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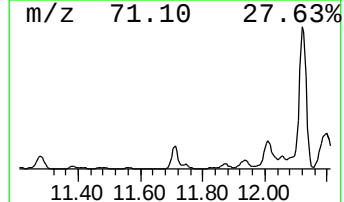
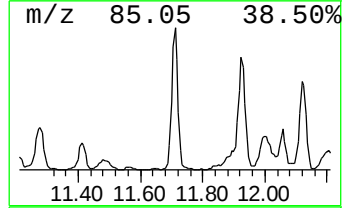
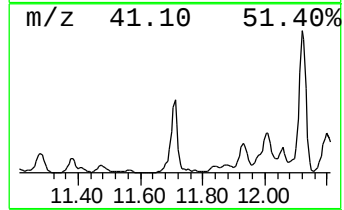
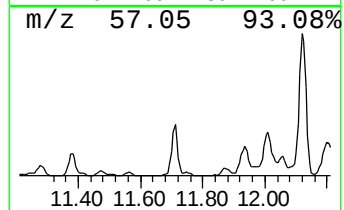
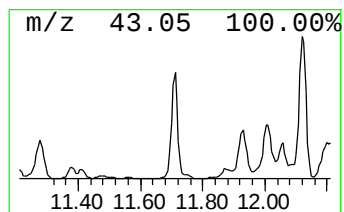
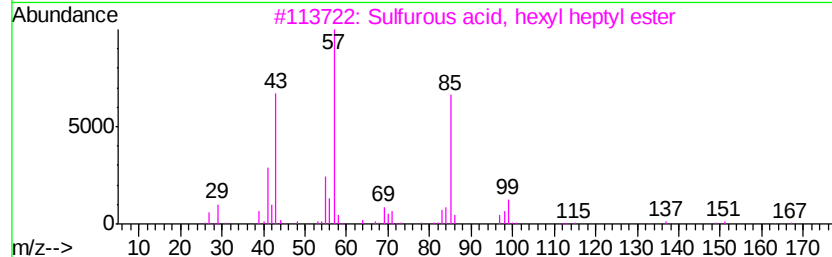
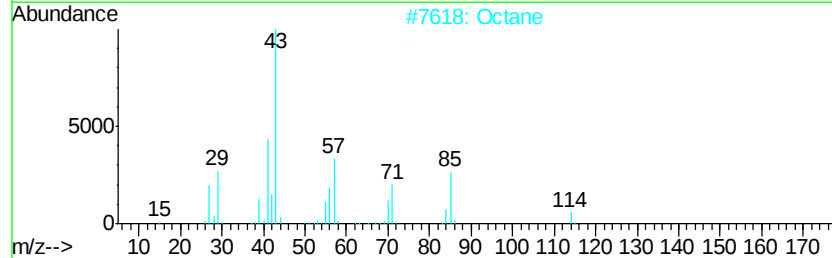
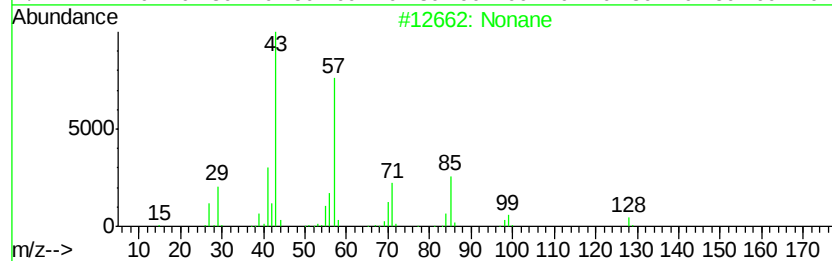
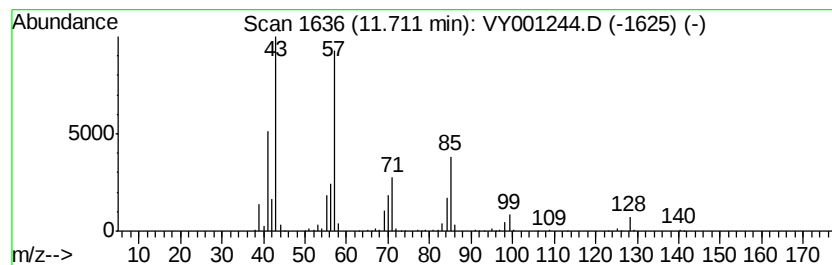
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	25.00 ug/l	458179	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	93
2		Octane	114	C8H18	000111-65-9	59
3		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	53
4		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	53
5		Hexan-2-yl isobutyl carbonate	202	C11H22O3	1000372-75-5	50



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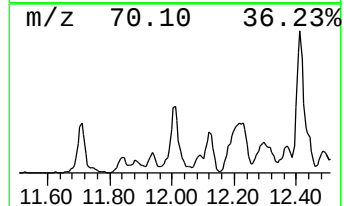
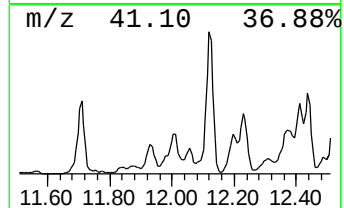
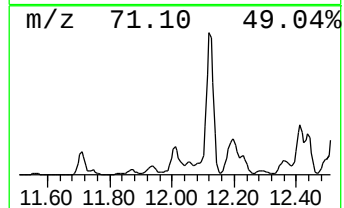
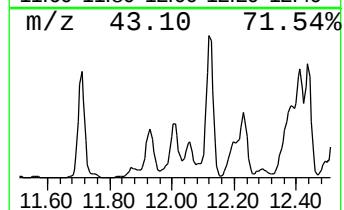
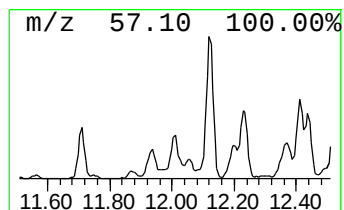
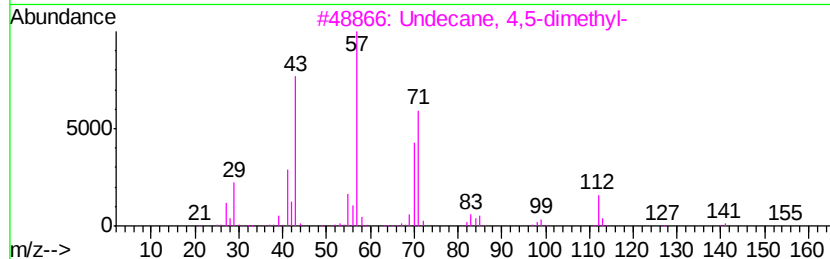
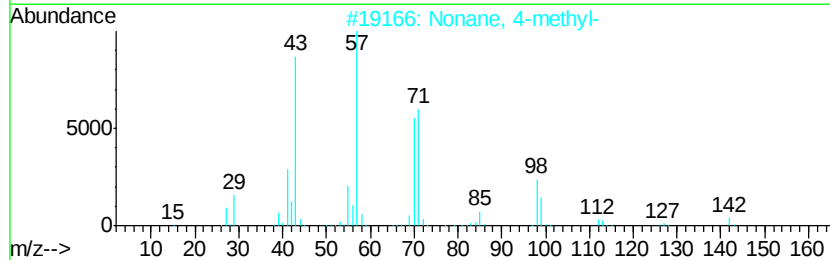
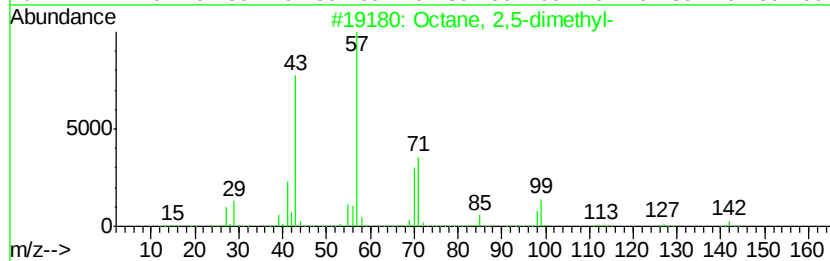
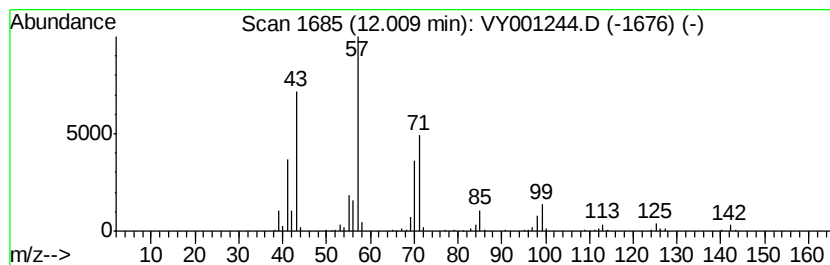
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	23.60 ug/l	432361	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	90
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	76
3		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59



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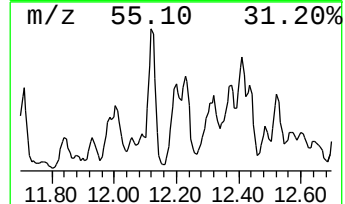
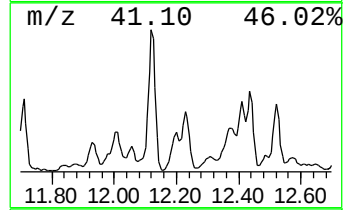
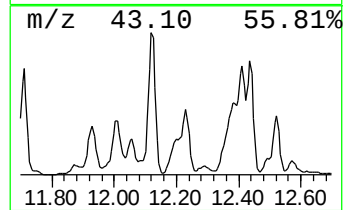
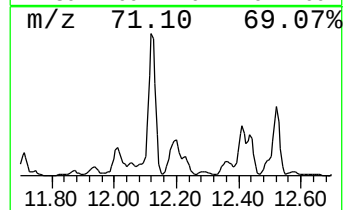
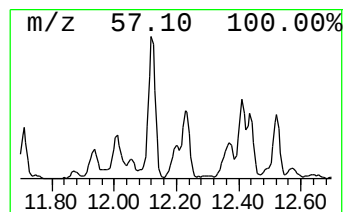
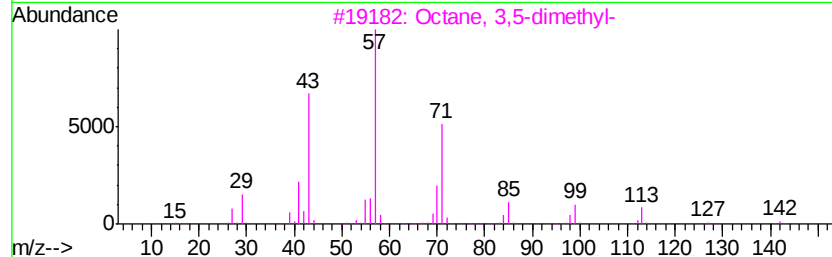
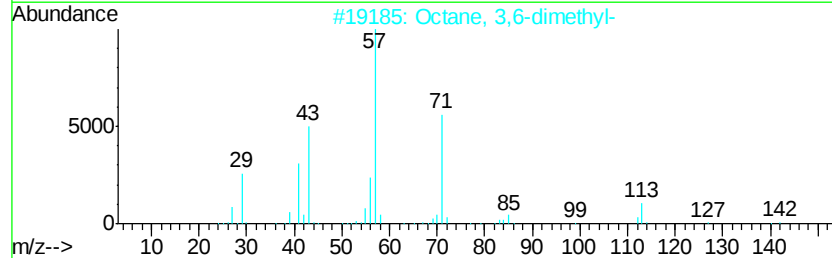
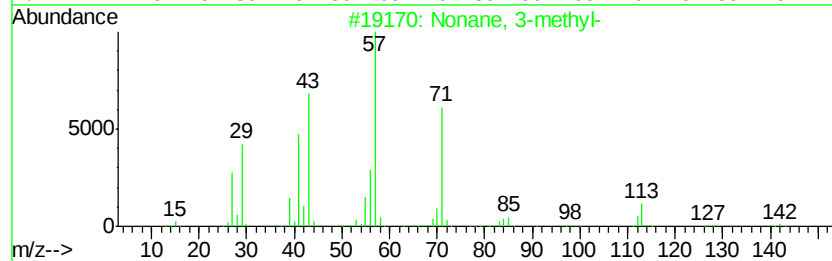
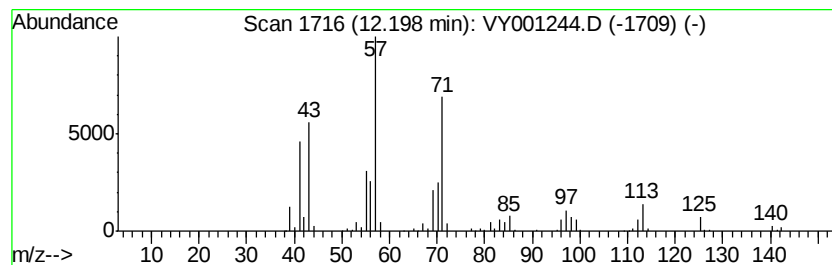
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	17.39 ug/l	318608	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50



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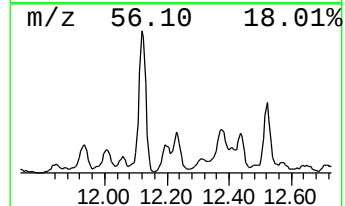
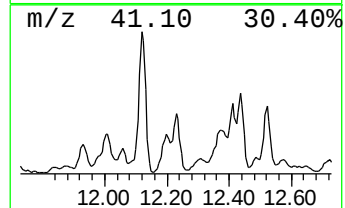
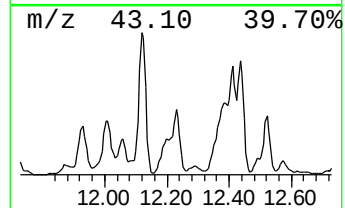
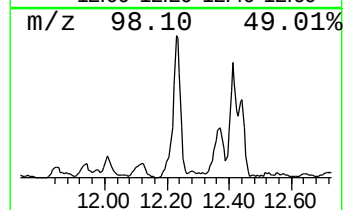
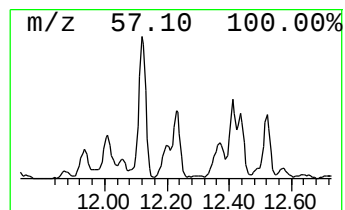
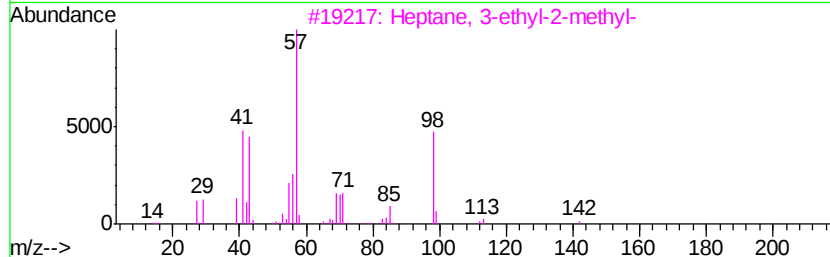
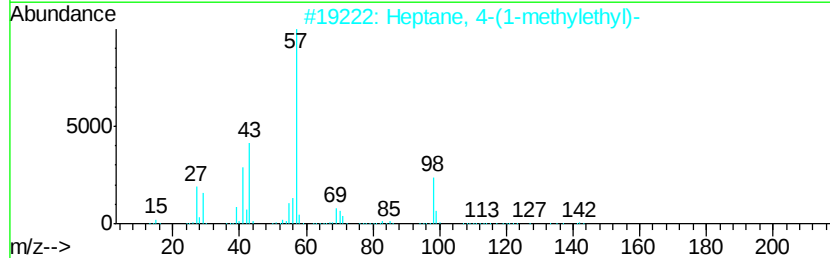
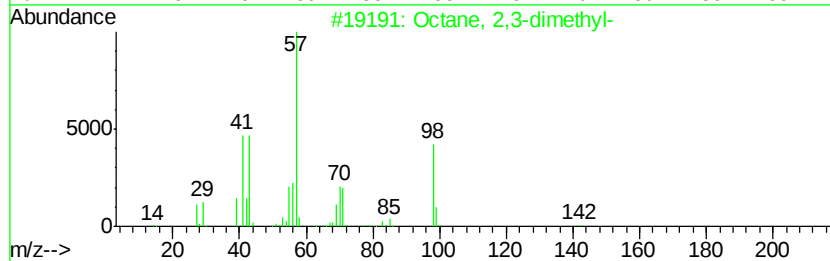
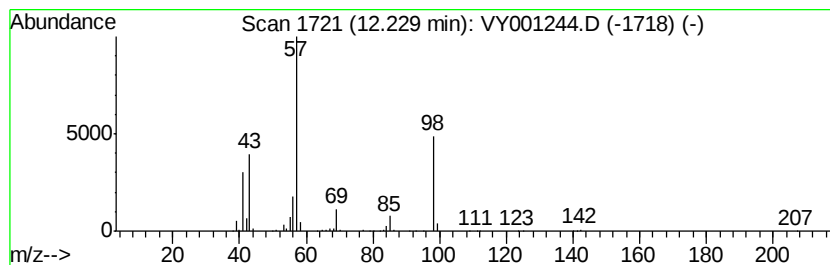
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	20.10 ug/l	368313	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	56
2		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49
4		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	37
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001244.D
Acq On : 16 Jan 2020 01:56
Operator : SY/MD
Sample : L1136-08
Misc : 7.64G/5ML/MSVOA Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_36-38

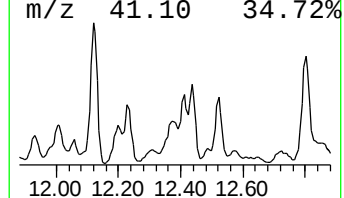
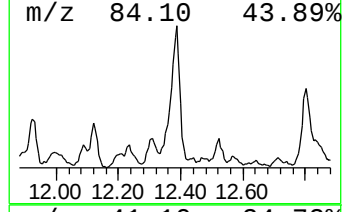
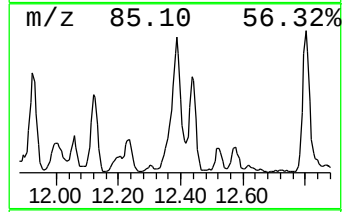
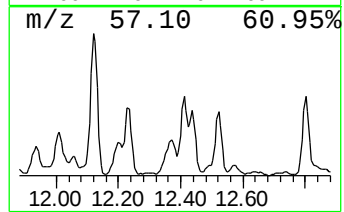
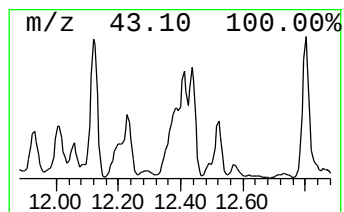
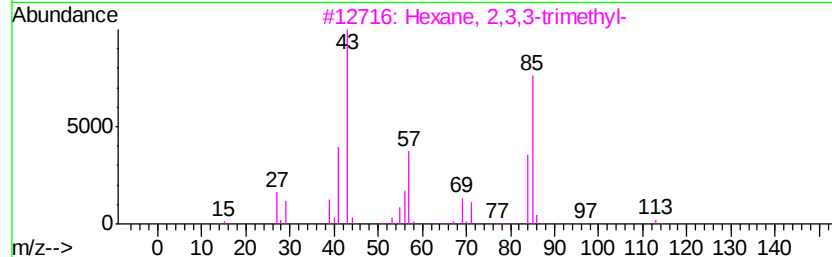
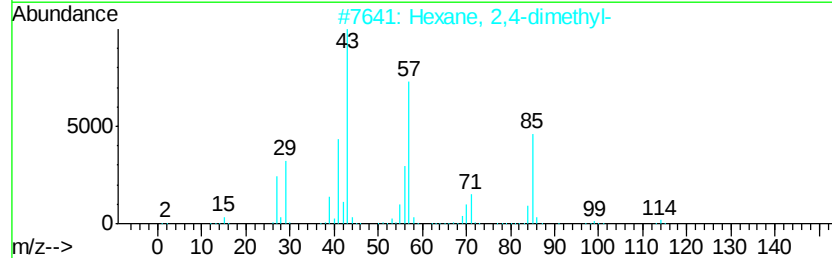
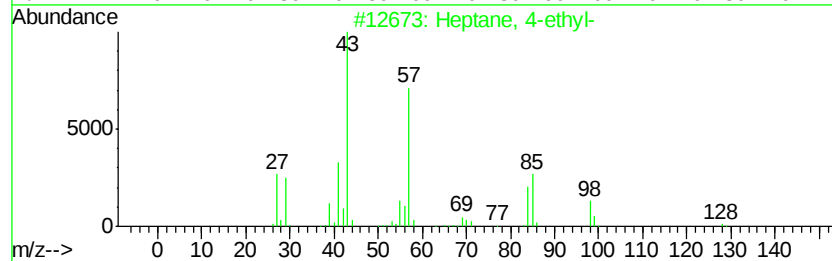
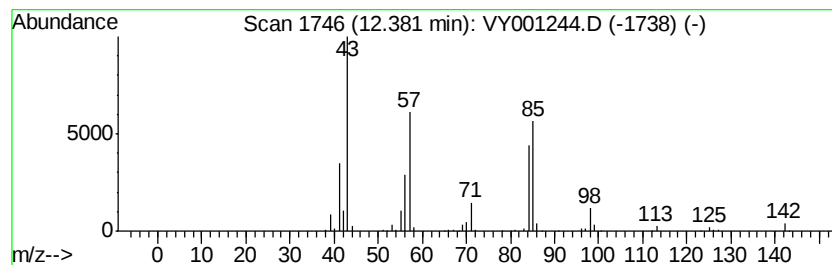
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptane, 4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	23.97 ug/l	439202	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
3		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
5		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001244.D
Acq On : 16 Jan 2020 01:56
Operator : SY/MD
Sample : L1136-08
Misc : 7.64G/5ML/MSVOA Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

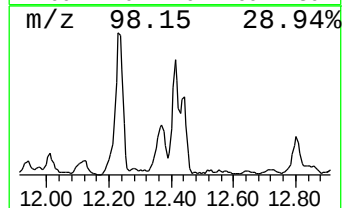
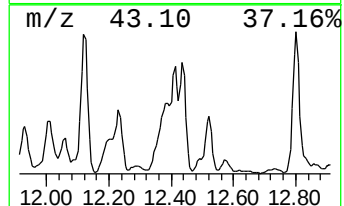
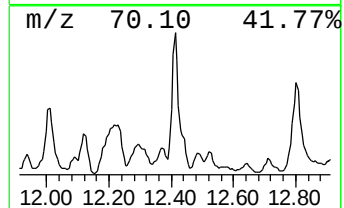
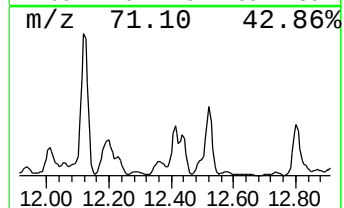
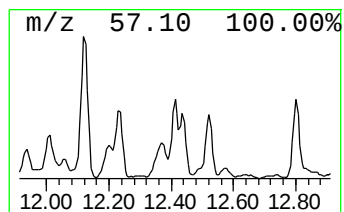
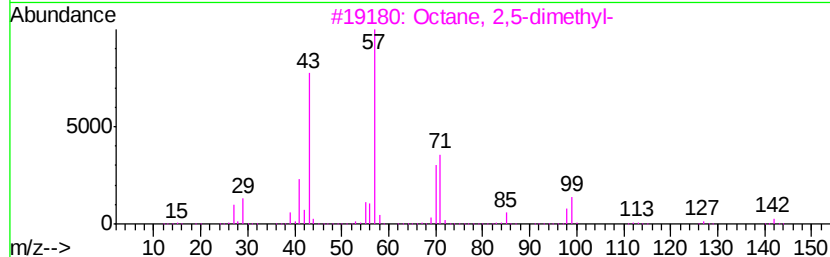
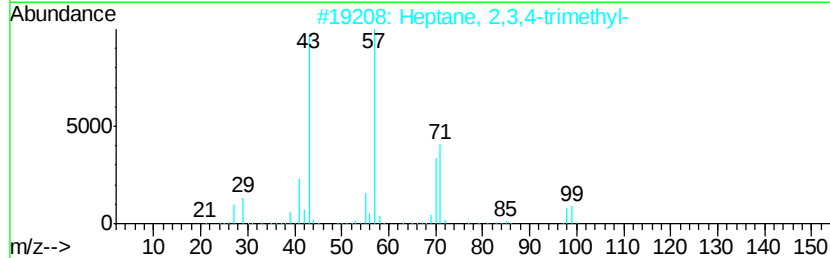
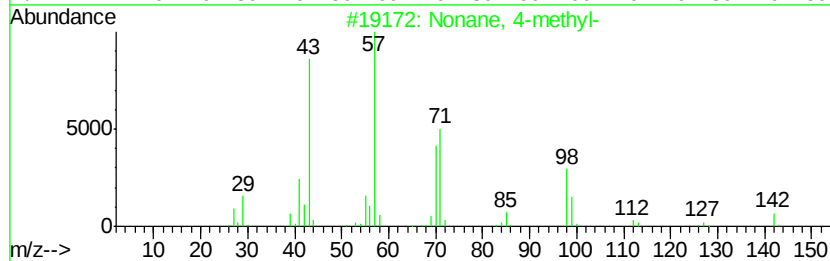
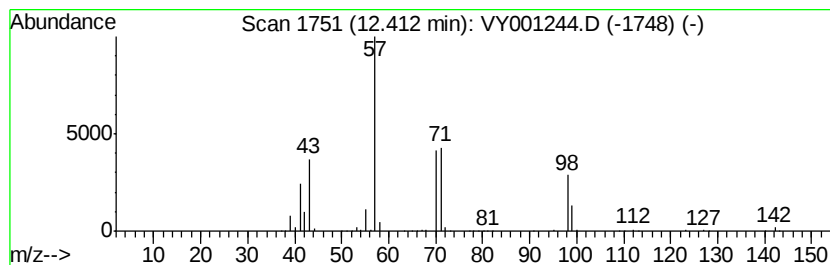
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_36-38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.41	23.19 ug/l	424975	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64	
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	56	
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	49	
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43	
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001244.D
Acq On : 16 Jan 2020 01:56
Operator : SY/MD
Sample : L1136-08
Misc : 7.64G/5ML/MSVOA Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

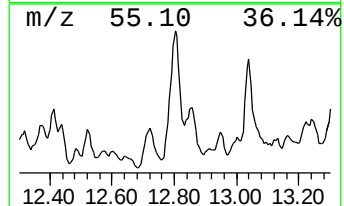
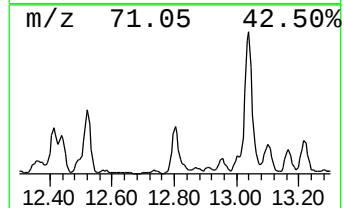
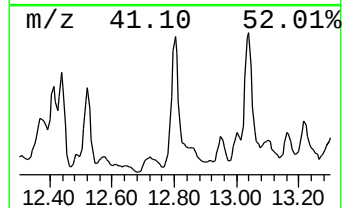
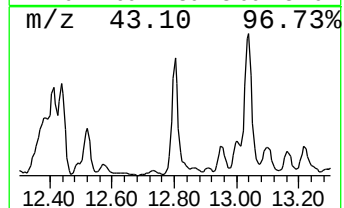
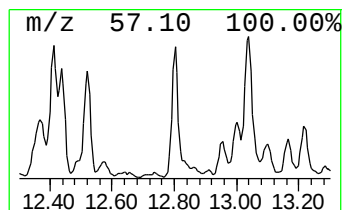
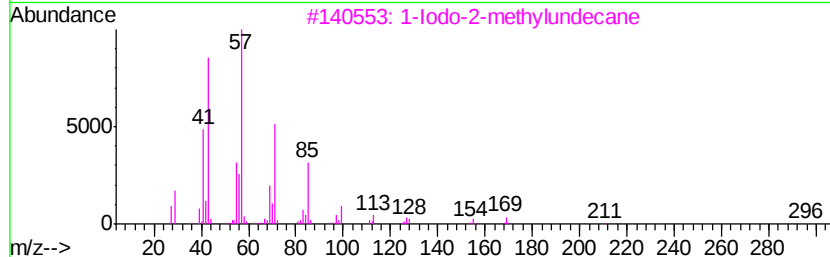
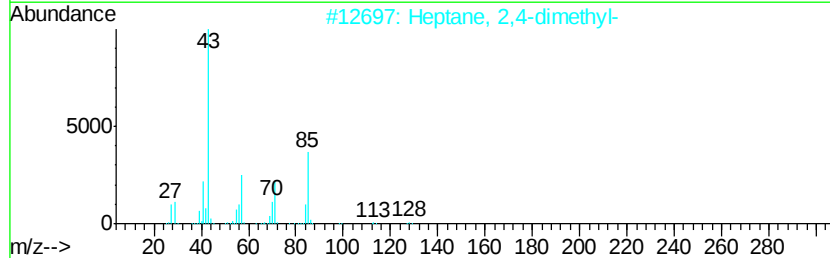
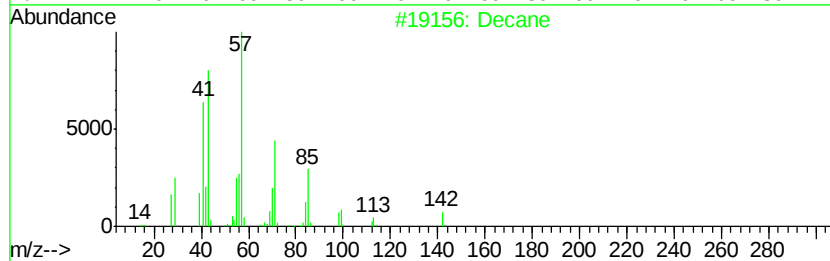
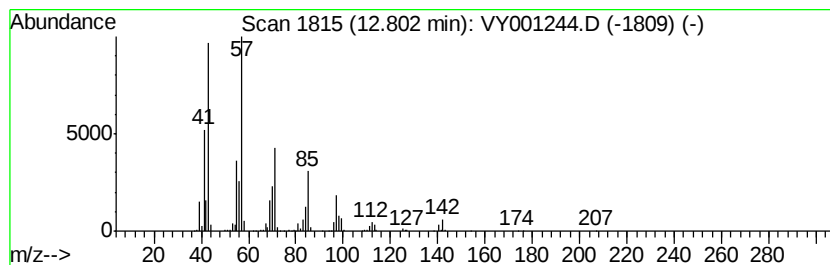
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_36-38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	39.75 ug/l	1034170	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 94
2	Heptane, 2,4-dimethyl-		128 C9H20	002213-23-2 64
3	1-Iodo-2-methylundecane		296 C12H25I	073105-67-6 59
4	Octane, 3,5-dimethyl-		142 C10H22	015869-93-9 53
5	Oxalic acid, isobutyl pentyl ester		216 C11H20O4	1000309-37-0 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001244.D
Acq On : 16 Jan 2020 01:56
Operator : SY/MD
Sample : L1136-08
Misc : 7.64G/5ML/MSVOA Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_36-38

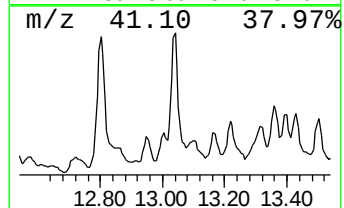
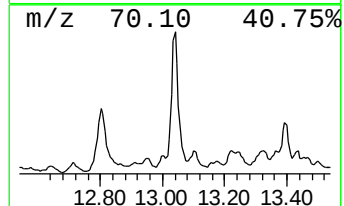
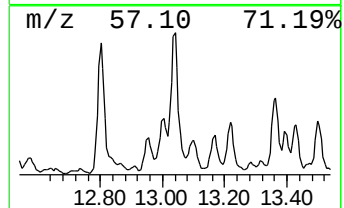
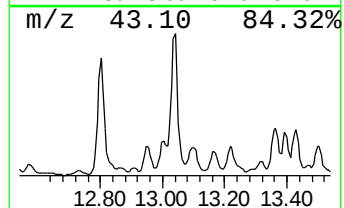
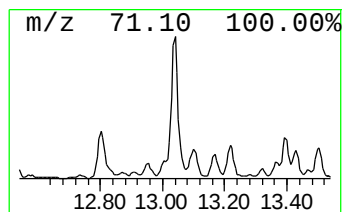
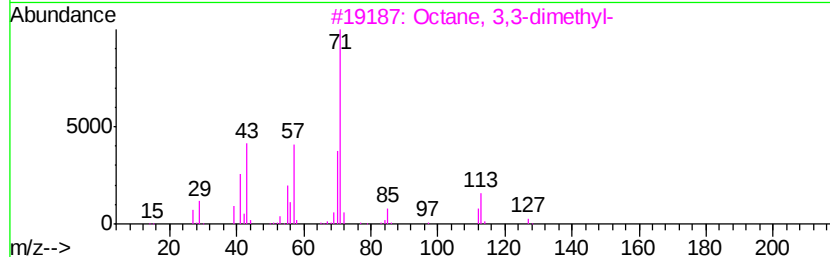
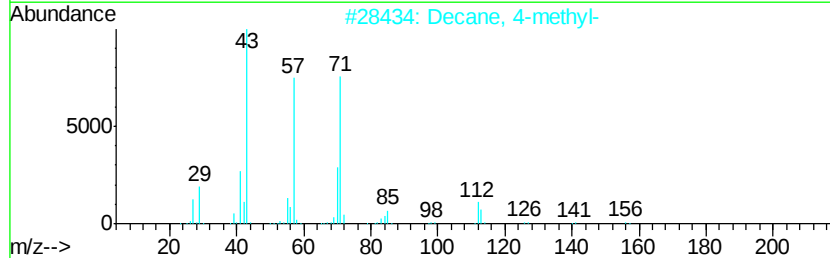
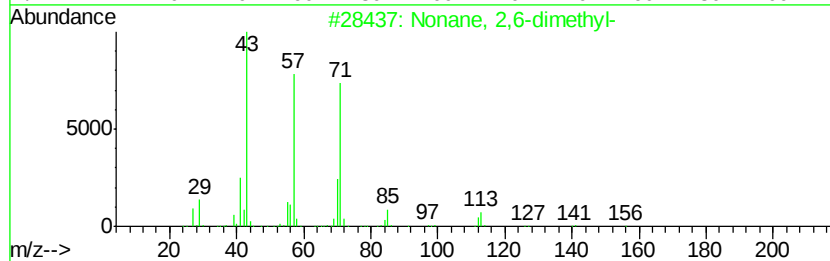
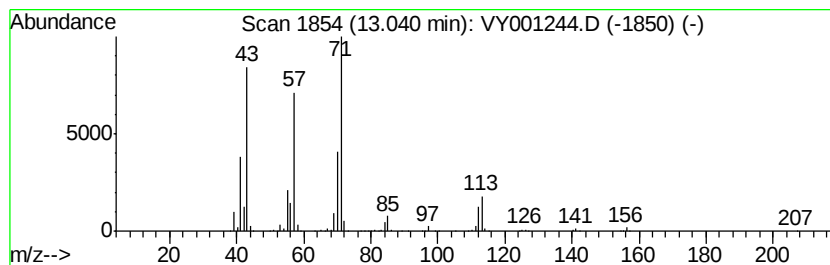
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	25.45 ug/l	662169	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
2		Decane, 4-methyl-	156	C11H24	002847-72-5	86
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
4		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	78
5		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001244.D
Acq On : 16 Jan 2020 01:56
Operator : SY/MD
Sample : L1136-08
Misc : 7.64G/5ML/MSVOA Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

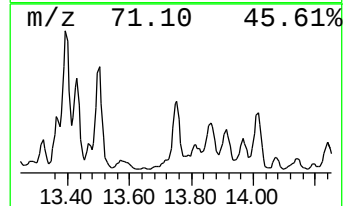
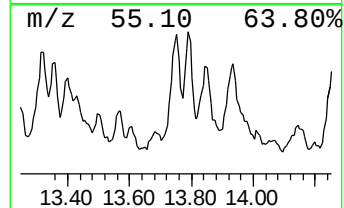
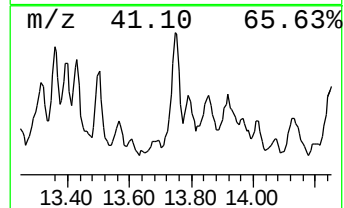
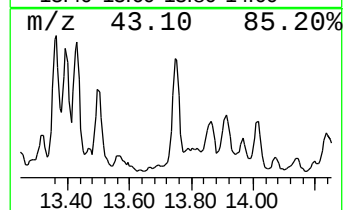
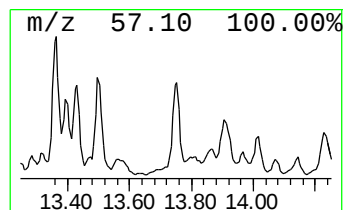
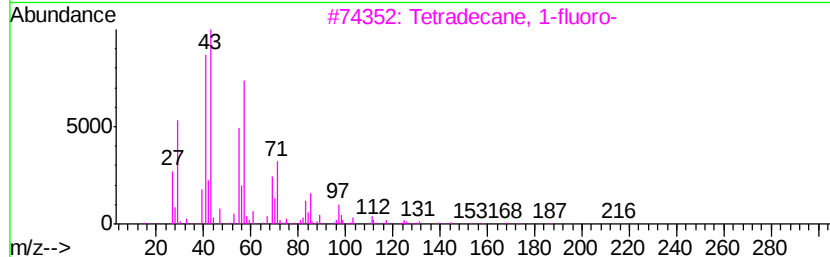
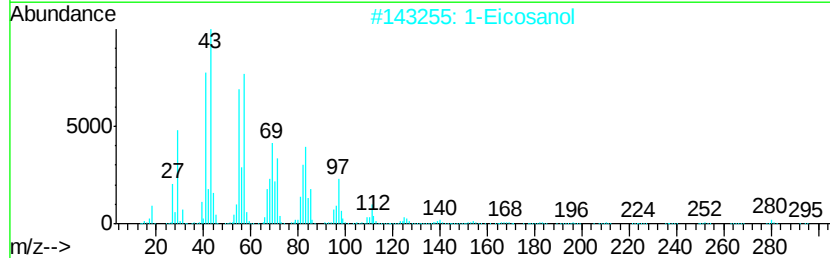
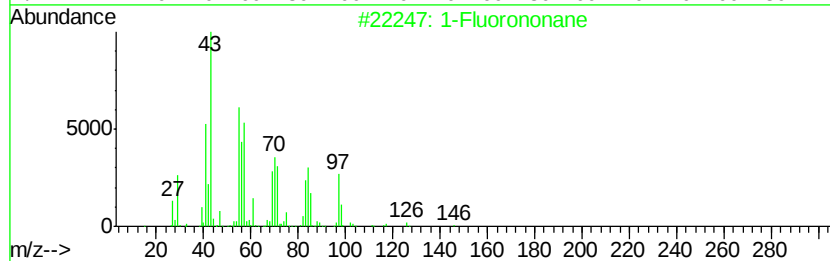
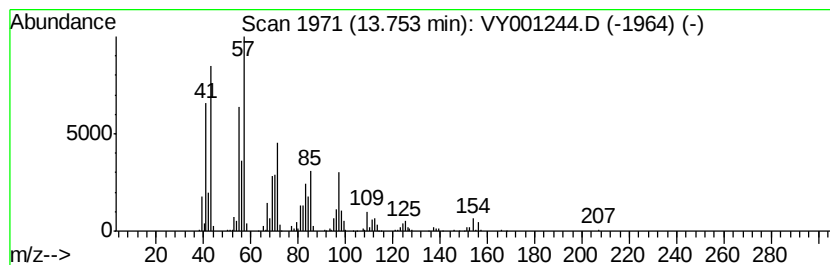
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_36-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Fluorononane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	15.64 ug/l	406854	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Fluorononane	146 C9H19F	000463-18-3	60
2	1-Eicosanol	298 C20H42O	000629-96-9	58
3	Tetradecane, 1-fluoro-	216 C14H29F	000593-33-9	50
4	17-Pentatriacontene	491 C35H70	006971-40-0	49
5	1-Octanol, 2-butyl-	186 C12H26O	003913-02-8	49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001244.D
Acq On : 16 Jan 2020 01:56
Operator : SY/MD
Sample : L1136-08
Misc : 7.64G/5ML/MSVOA Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_36-38

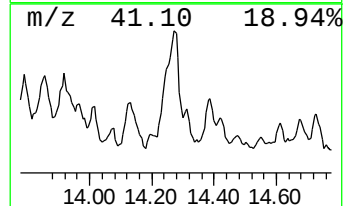
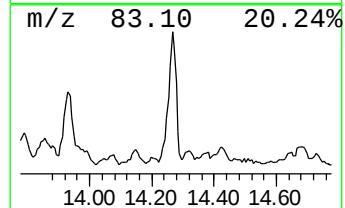
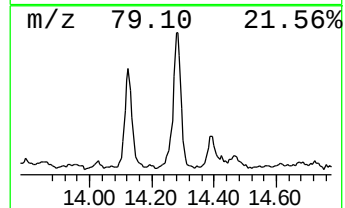
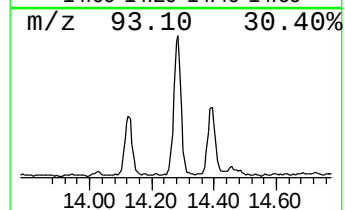
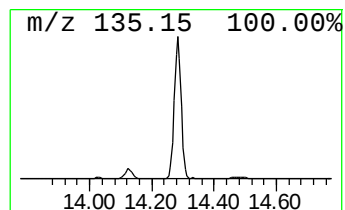
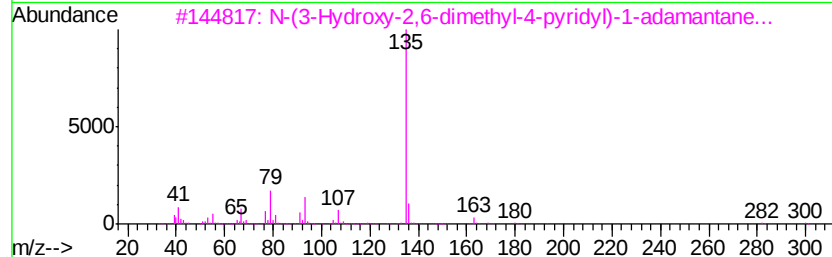
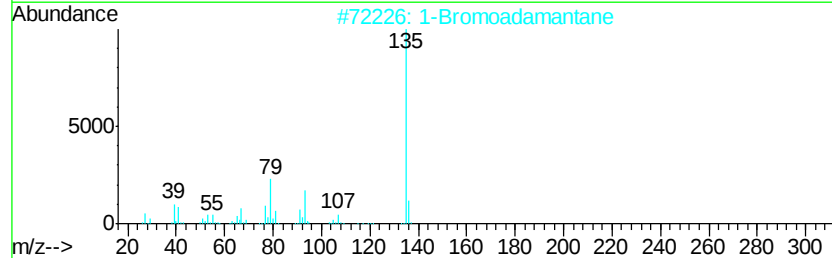
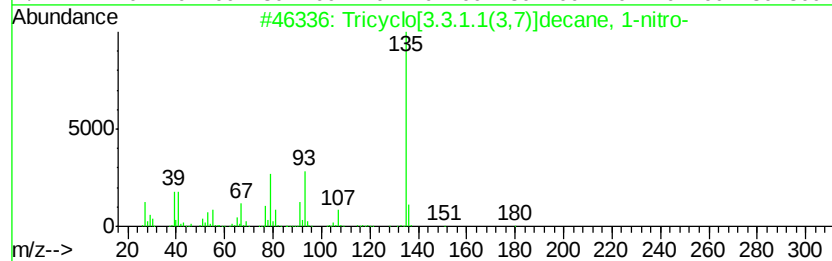
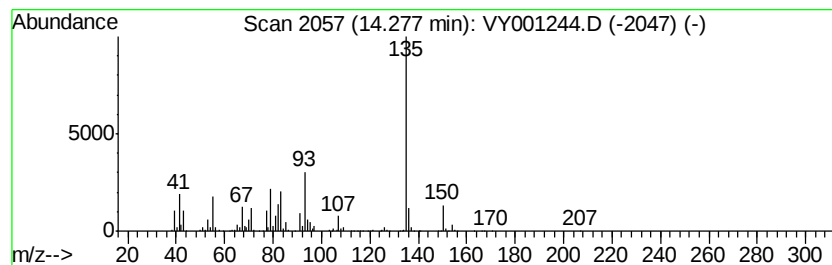
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	32.26 ug/l	839354	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	72
2		1-Bromoadamantane	214	C10H15Br	000768-90-1	64
3		N-(3-Hydroxy-2,6-dimethyl-4-pyridyl)-1-adamantane...	300	C18H24N2O2	1000260-99-3	64
4		4-Amino-2,6-dimethyl-3-pyridyl-1-adamantane...	300	C18H24N2O2	1000260-99-2	64
5		Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001244.D
 Acq On : 16 Jan 2020 01:56
 Operator : SY/MD
 Sample : L1136-08
 Misc : 7.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 2,5-dimet...	12.01	23.6	ug/l	432361	3	11.49	916180	50.0
Nonane, 3-methyl-	12.20	17.4	ug/l	318608	3	11.49	916180	50.0
Octane, 2,3-dimet...	12.23	20.1	ug/l	368313	3	11.49	916180	50.0
Heptane, 4-ethyl-	12.38	24.0	ug/l	439202	3	11.49	916180	50.0
Nonane, 4-methyl-	12.41	23.2	ug/l	424975	3	11.49	916180	50.0
Decane	12.80	39.8	ug/l	1034170	4	13.42	1300750	50.0
Nonane, 2,6-dimet...	13.04	25.4	ug/l	662169	4	13.42	1300750	50.0
1-Fluorononane	13.75	15.6	ug/l	406854	4	13.42	1300750	50.0
Tricyclo[3.3.1.1(...	14.28	32.3	ug/l	839354	4	13.42	1300750	50.0