

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014590.D
 Acq On : 09 Jan 2020 18:39
 Operator : SY/VA
 Sample : L1063-05
 Misc : 8.26G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB452_200108_30-32

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_W\METHOD\82W010320S.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	1.959	4	9	24	rVB4	18820	51955	1.43%	0.083%
2	2.355	70	74	84	rVB	22230	39982	1.10%	0.064%
3	4.123	355	364	373	rBV	13178	37778	1.04%	0.060%
4	4.909	480	493	512	rBV2	76797	281944	7.75%	0.449%
5	7.159	846	862	878	rBV2	72283	212941	5.85%	0.339%
6	7.878	971	980	985	rBV	385199	915666	25.17%	1.459%
7	7.945	985	991	1003	rVB	728514	1622882	44.61%	2.585%
8	8.305	1040	1050	1061	rBV	350484	791295	21.75%	1.261%
9	8.842	1129	1138	1149	rBV	1000151	2040852	56.09%	3.251%
10	10.323	1372	1381	1388	rBV	1494662	2665528	73.26%	4.246%
11	10.500	1405	1410	1418	rVB2	23193	39124	1.08%	0.062%
12	10.616	1422	1429	1435	rBV4	25138	49997	1.37%	0.080%
13	10.701	1438	1443	1449	rBV2	27447	46689	1.28%	0.074%
14	10.793	1449	1458	1462	rBV3	33774	100978	2.78%	0.161%
15	10.841	1462	1466	1472	rVB	136856	215672	5.93%	0.344%
16	10.933	1472	1481	1491	rVB	761933	1240420	34.09%	1.976%
17	11.036	1491	1498	1506	rBV	364524	753594	20.71%	1.201%
18	11.110	1506	1510	1514	rVB2	32241	47750	1.31%	0.076%
19	11.225	1522	1529	1534	rBV3	59500	114535	3.15%	0.182%
20	11.335	1541	1547	1551	rBV	257353	441105	12.12%	0.703%
21	11.408	1551	1559	1569	rVB2	801683	1667627	45.84%	2.657%
22	11.512	1569	1576	1586	rBV	576136	1029178	28.29%	1.640%
23	11.628	1586	1595	1603	rBV	1045571	1979099	54.40%	3.153%
24	11.695	1603	1606	1615	rVB	41792	66526	1.83%	0.106%
25	11.841	1620	1630	1639	rBV	2159414	3638315	100.00%	5.796%
26	11.914	1639	1642	1646	rVB3	51511	73216	2.01%	0.117%
27	11.975	1646	1652	1654	rBV2	160255	290422	7.98%	0.463%
28	12.061	1661	1666	1671	rBV3	388365	644333	17.71%	1.026%
29	12.134	1671	1678	1684	rBV3	649182	1410674	38.77%	2.247%
30	12.182	1684	1686	1689	rVV2	174400	213611	5.87%	0.340%
31	12.250	1689	1697	1703	rVB	2103227	3456599	95.01%	5.507%
32	12.329	1703	1710	1712	rBV3	721966	1414546	38.88%	2.253%
33	12.359	1712	1715	1721	rVB	1115241	1724749	47.41%	2.748%
34	12.451	1721	1730	1732	rBV3	335331	763411	20.98%	1.216%

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35	12.506	1733	1739	1741	rVV3	706059	1525344	41.92%	2.430%
36	12.536	1741	1744	1747	rVV	1061122	1832233	50.36%	2.919%
37	12.567	1747	1749	1753	rVB	1057499	1152038	31.66%	1.835%
38	12.615	1753	1757	1760	rBV2	888552	1454820	39.99%	2.318%
39	12.646	1760	1762	1767	rVB	880161	1100582	30.25%	1.753%
40	12.701	1767	1771	1774	rBV4	120207	193434	5.32%	0.308%
41	12.780	1780	1784	1790	rVB2	313905	580841	15.96%	0.925%
42	12.853	1790	1796	1802	rBV5	280208	760977	20.92%	1.212%
43	12.926	1802	1808	1815	rVV3	1586417	3468171	95.32%	5.525%
44	12.987	1816	1818	1828	rVB4	374931	594658	16.34%	0.947%
45	13.079	1828	1833	1836	rBV4	387577	577334	15.87%	0.920%
46	13.127	1836	1841	1843	rBV3	279144	450688	12.39%	0.718%
47	13.164	1843	1847	1853	rVB	1084015	1581005	43.45%	2.519%
48	13.262	1860	1863	1864	rBV	123977	136855	3.76%	0.218%
49	13.286	1865	1867	1871	rVB	217035	272585	7.49%	0.434%
50	13.341	1872	1876	1880	rBV	272176	395066	10.86%	0.629%
51	13.444	1885	1893	1896	rVV4	720658	1663508	45.72%	2.650%
52	13.481	1896	1899	1902	rVV3	671481	1009100	27.74%	1.608%
53	13.518	1902	1905	1907	rVV	467590	700595	19.26%	1.116%
54	13.554	1907	1911	1919	rVV2	1012039	1995278	54.84%	3.179%
55	13.621	1919	1922	1928	rVV2	408862	557029	15.31%	0.887%
56	13.694	1929	1934	1938	rVV	289935	485709	13.35%	0.774%
57	13.731	1938	1940	1944	rVB5	95008	122890	3.38%	0.196%
58	13.871	1958	1963	1967	rBV3	612644	1071155	29.44%	1.706%
59	13.914	1967	1970	1975	rVB3	324540	469000	12.89%	0.747%
60	13.975	1975	1980	1985	rBV4	324153	598942	16.46%	0.954%
61	14.188	2012	2015	2019	rBV4	69338	99090	2.72%	0.158%
62	14.255	2021	2026	2034	rVB2	591878	1084914	29.82%	1.728%
63	14.383	2039	2047	2050	rBV5	806081	1785199	49.07%	2.844%
64	14.524	2062	2070	2071	rBV2	276285	536615	14.75%	0.855%
65	14.548	2071	2074	2078	rVV	401897	607059	16.69%	0.967%
66	14.597	2079	2082	2089	rVB5	131607	240315	6.61%	0.383%
67	14.798	2111	2115	2119	rBV2	150095	251544	6.91%	0.401%
68	14.847	2119	2123	2130	rVB5	172720	381124	10.48%	0.607%
69	14.926	2132	2136	2140	rBV3	91329	165300	4.54%	0.263%
70	14.999	2140	2148	2154	rVB2	414849	922249	25.35%	1.469%
71	15.072	2156	2160	2165	rVB	141181	232740	6.40%	0.371%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	15.127	2165	2169	2172	rBV	110216	198728	5.46%	0.317%
73	15.231	2180	2186	2189	rBV5	159862	350161	9.62%	0.558%
74	15.401	2208	2214	2224	rBV5	188356	536393	14.74%	0.855%
75	15.499	2225	2230	2238	rVB5	168219	418278	11.50%	0.666%
76	15.859	2286	2289	2293	rBV5	41323	75179	2.07%	0.120%
77	16.578	2403	2407	2410	rBV4	33035	53767	1.48%	0.086%

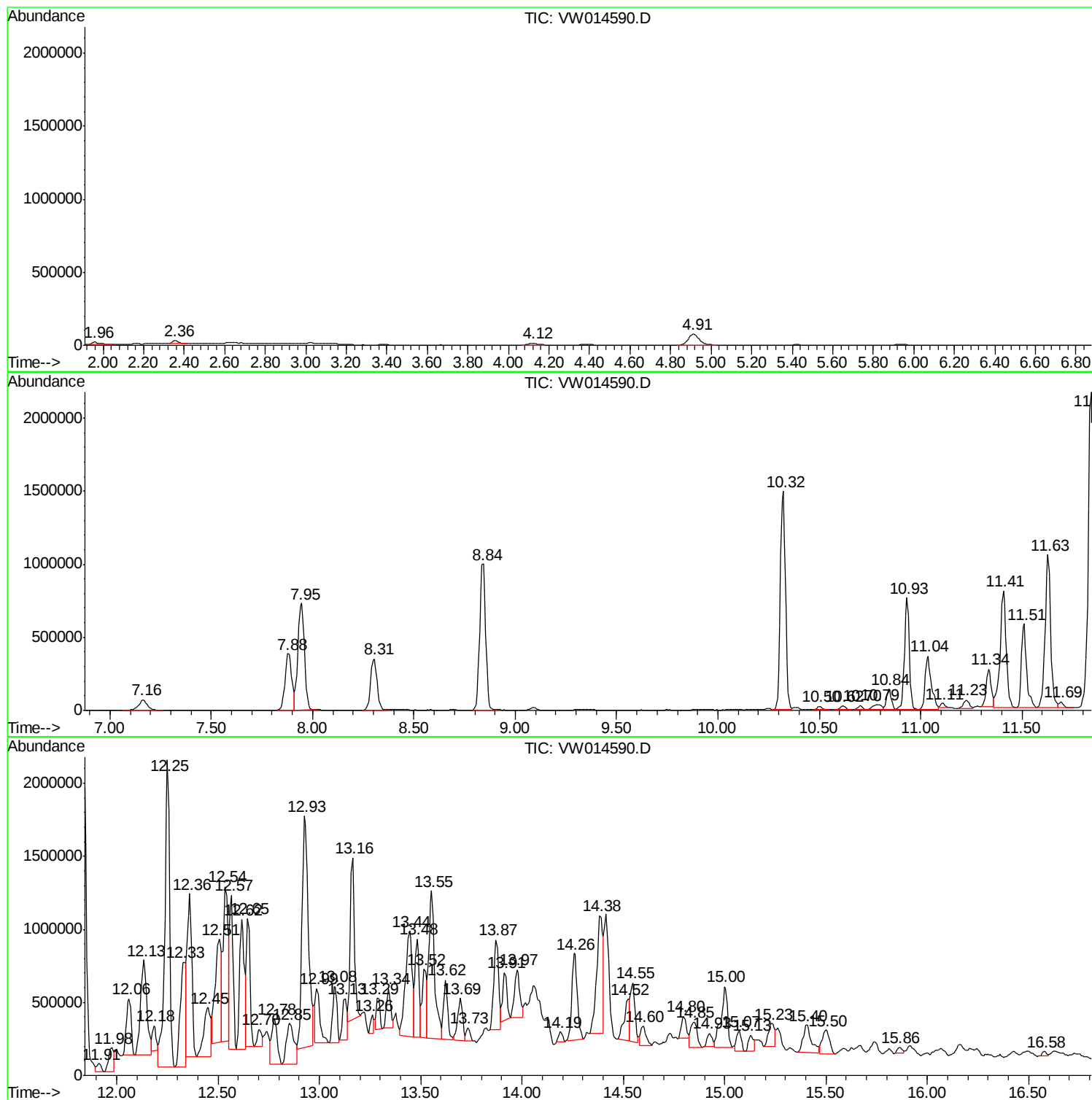
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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



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Misc : 8.26G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

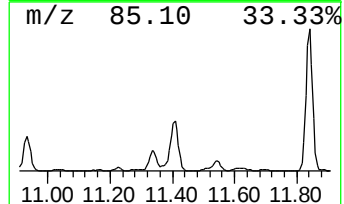
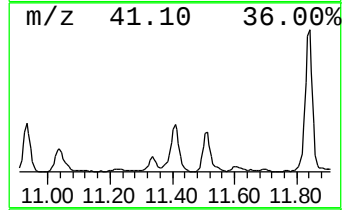
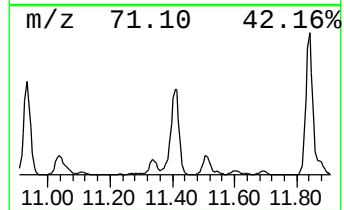
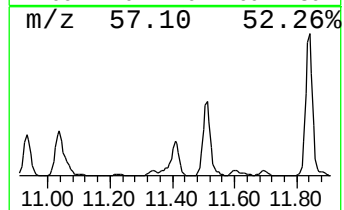
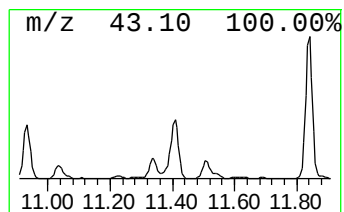
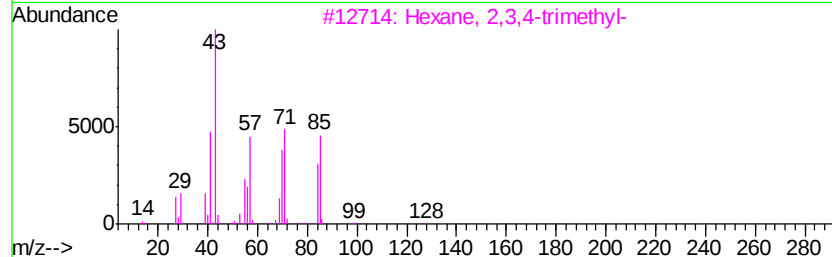
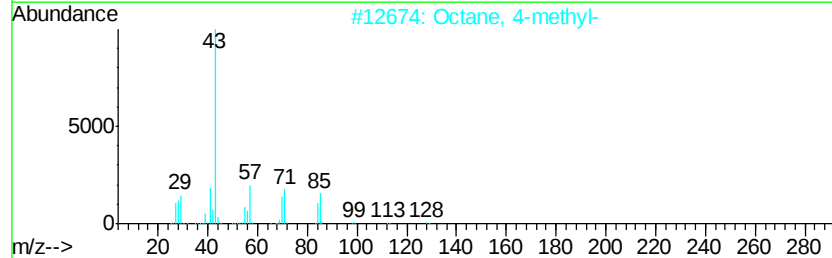
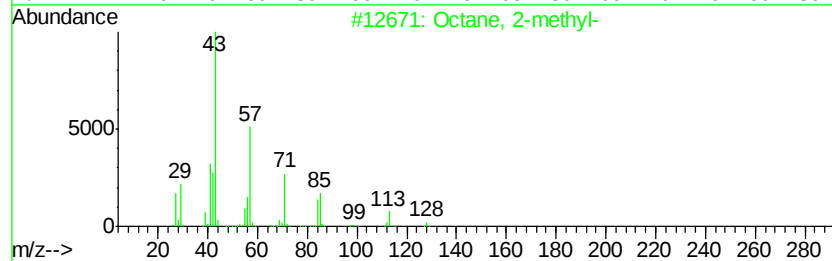
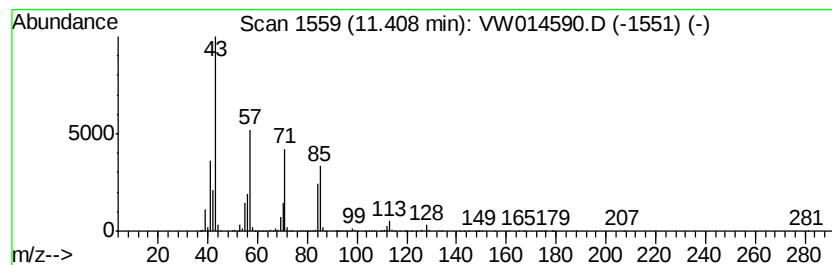
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	42.13 ug/l	1667630	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	90
2		Octane, 4-methyl-	128	C9H20	002216-34-4	59
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50



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ALS Vial : 22 Sample Multiplier: 1

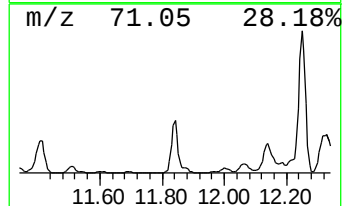
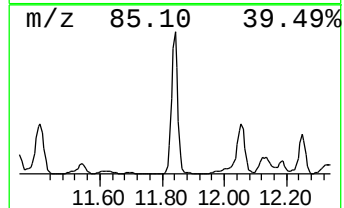
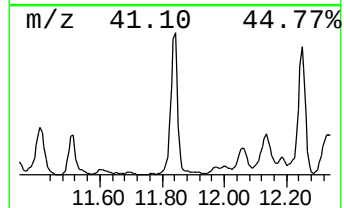
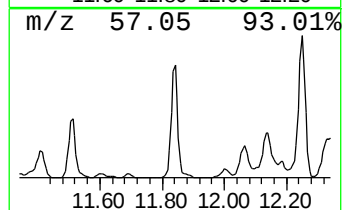
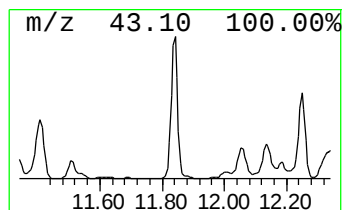
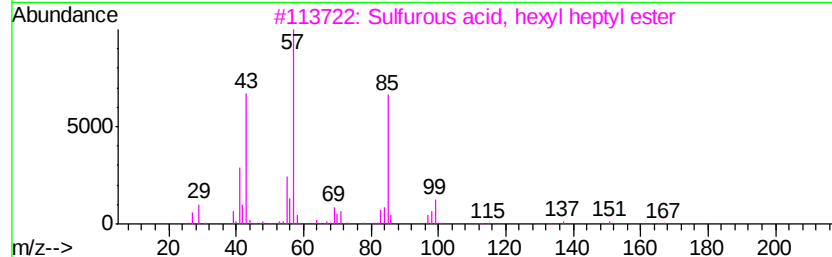
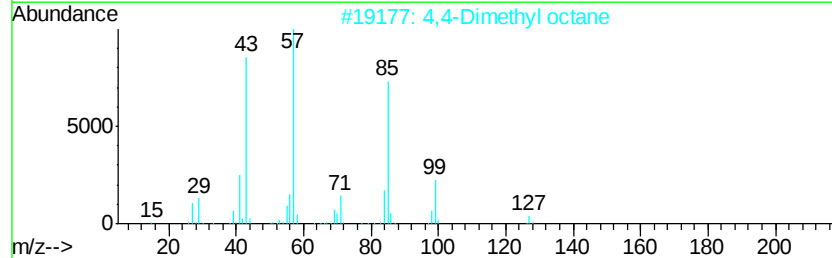
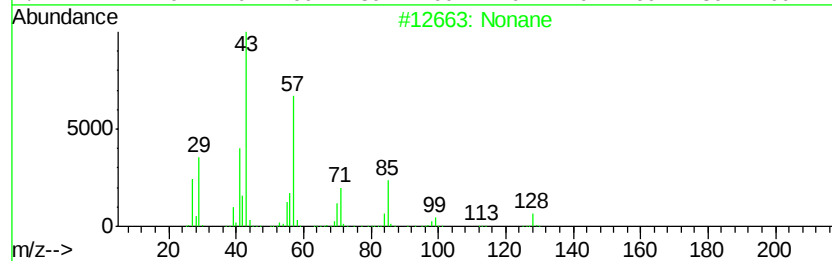
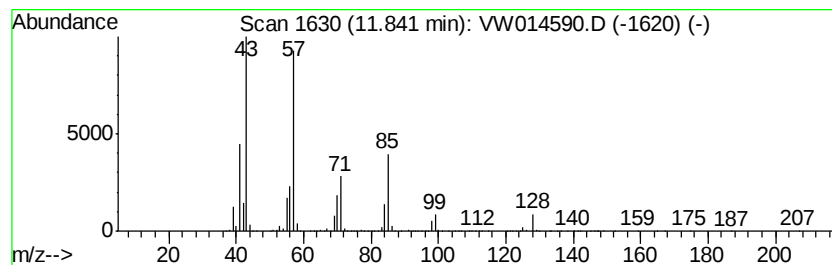
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Nonane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.84	91.92 ug/l	3638320	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	95
2	4,4-Dimethyl octane		142	C10H22	015869-95-1	64
3	Sulfurous acid, hexyl heptyl ester		264	C13H28O3S	1000309-12-9	59
4	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	50
5	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	50



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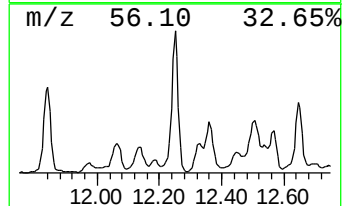
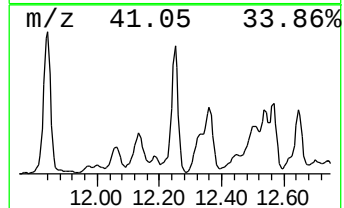
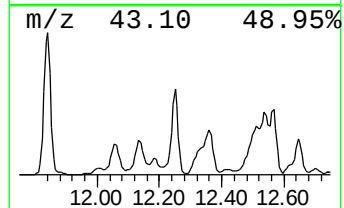
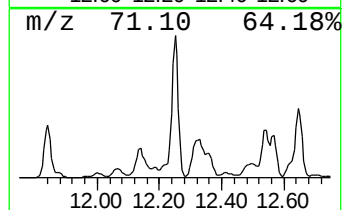
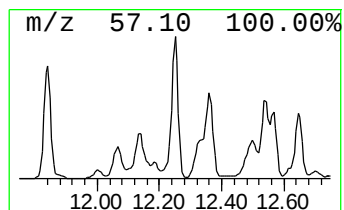
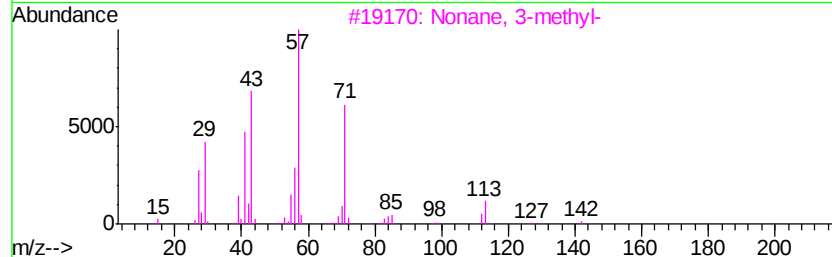
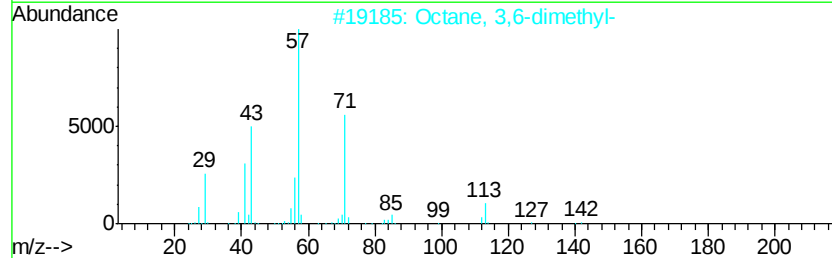
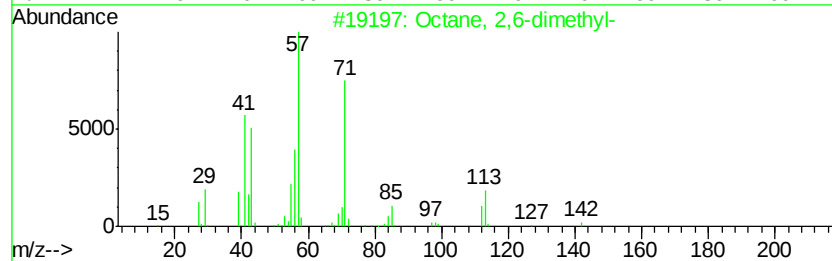
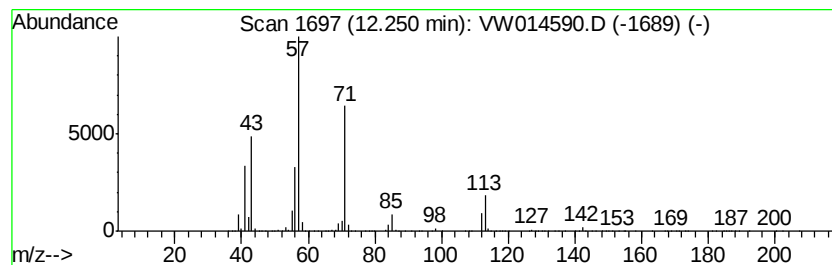
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	87.33 ug/l	3456600	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91	
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91	
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91	
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72	
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72	



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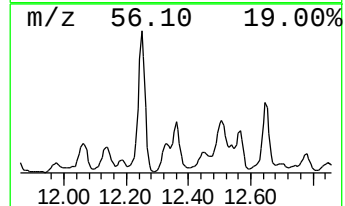
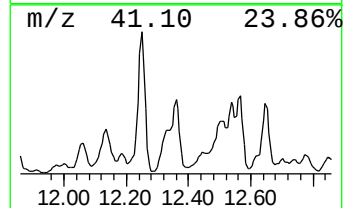
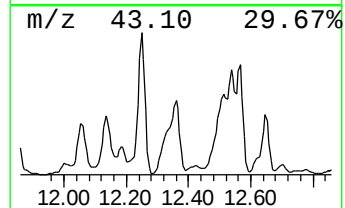
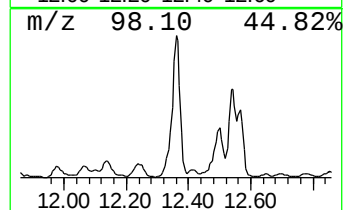
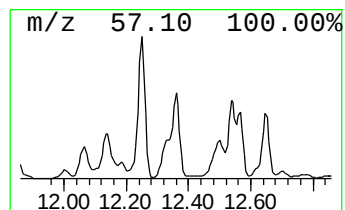
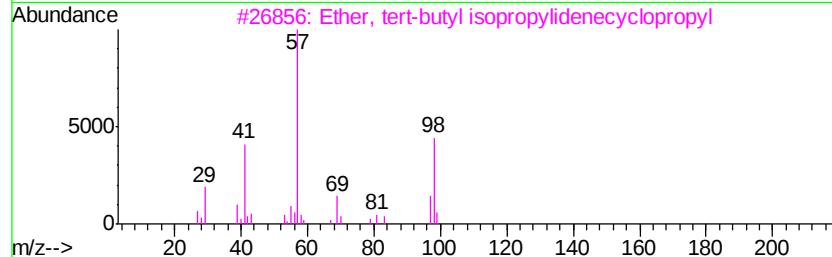
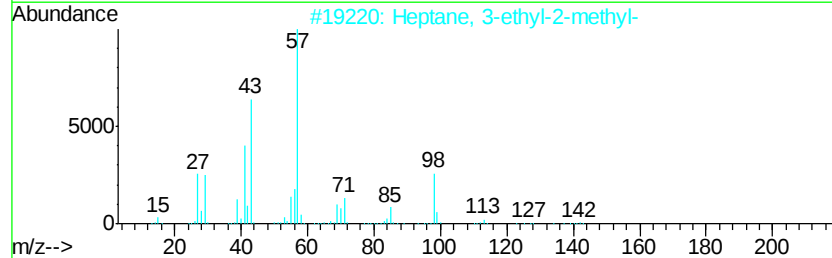
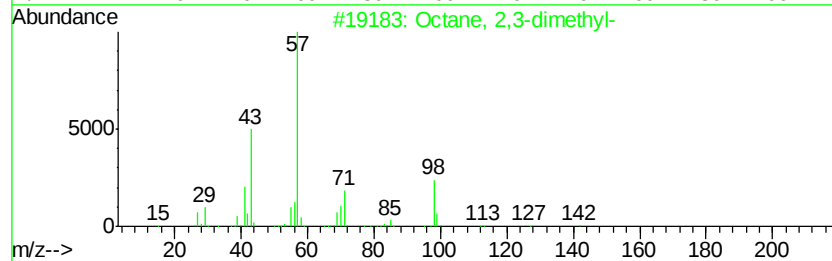
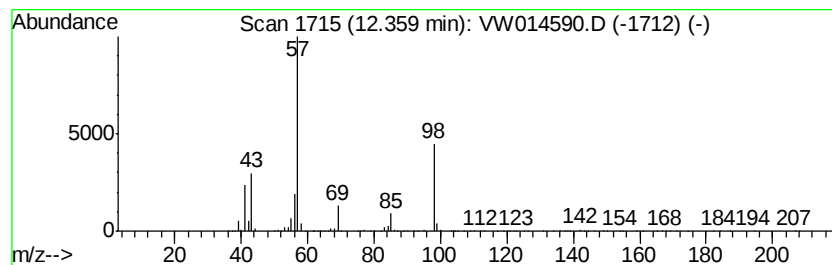
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	43.57 ug/l	1724750	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	50
4		Octane, 3-methyl-	128	C9H20	002216-33-3	40
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014590.D
Acq On : 09 Jan 2020 18:39
Operator : SY/VA
Sample : L1063-05
Misc : 8.26G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

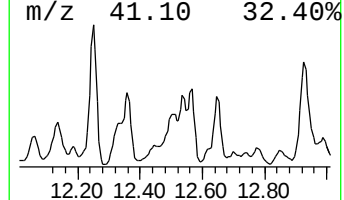
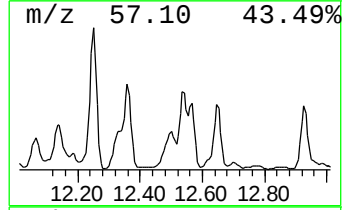
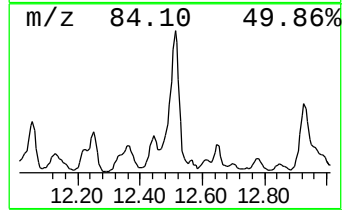
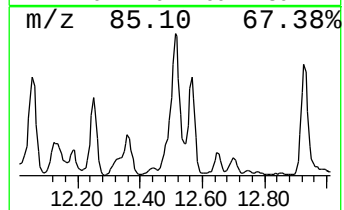
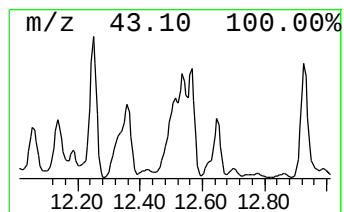
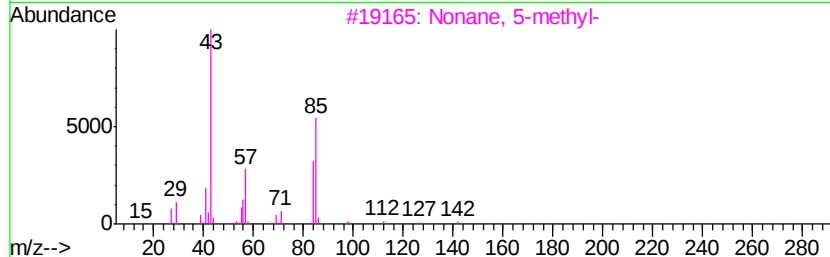
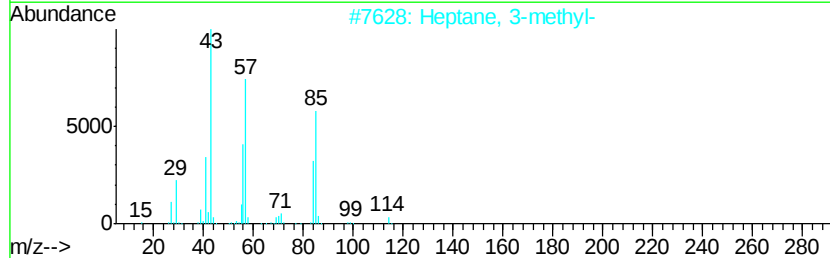
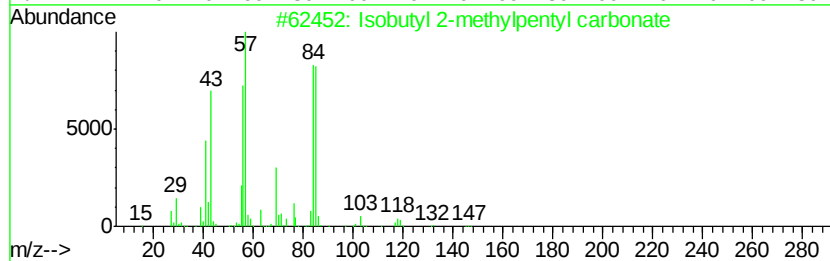
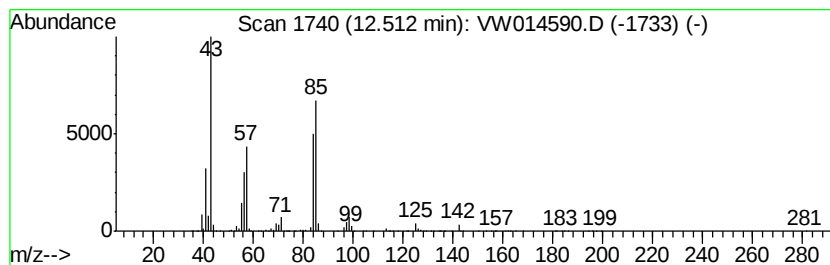
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Quant Title : SW846 8260

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

Peak Number 5 Isobutyl 2-methylpentyl car... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	38.54 ug/l	1525340	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutyl 2-methylpentyl carbonate	202	C11H22O3	1000372-75-2	64
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	50
3		Nonane, 5-methyl-	142	C10H22	015869-85-9	50
4		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	50
5		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014590.D
Acq On : 09 Jan 2020 18:39
Operator : SY/VA
Sample : L1063-05
Misc : 8.26G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

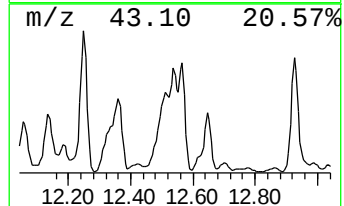
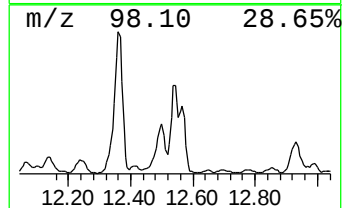
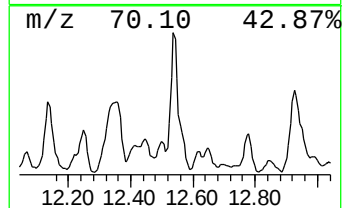
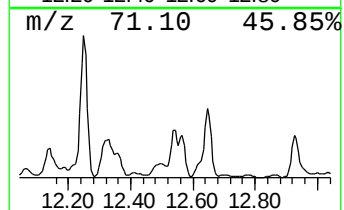
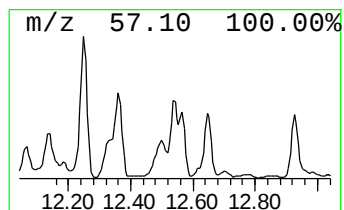
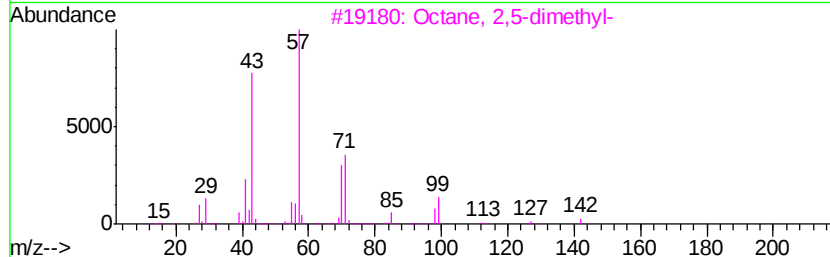
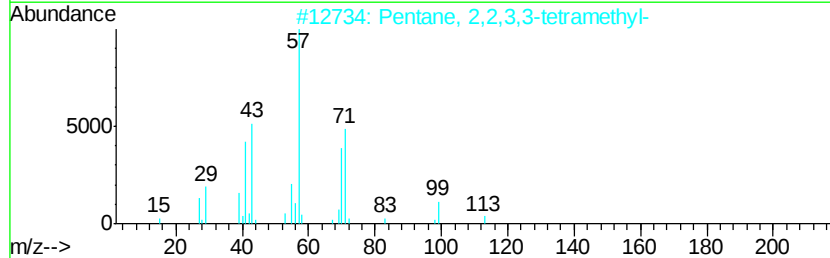
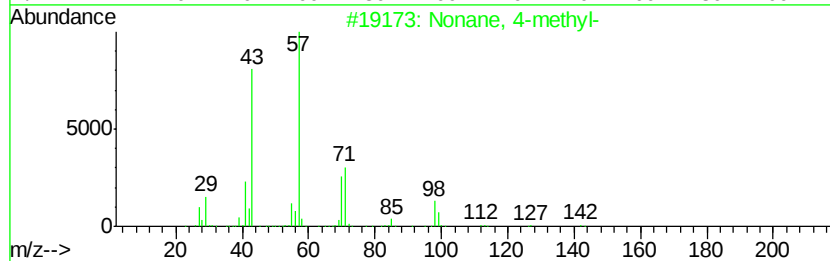
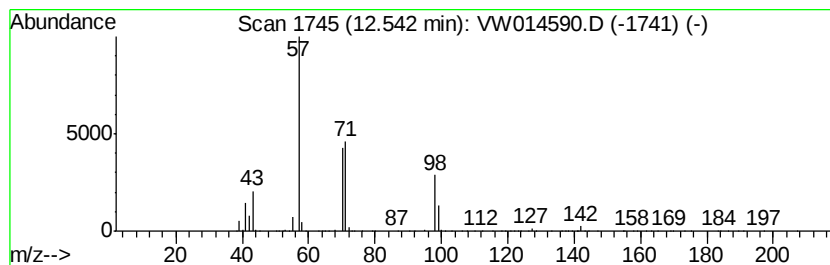
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	46.29 ug/l	1832230	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	56
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014590.D
Acq On : 09 Jan 2020 18:39
Operator : SY/VA
Sample : L1063-05
Misc : 8.26G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

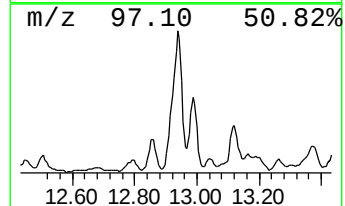
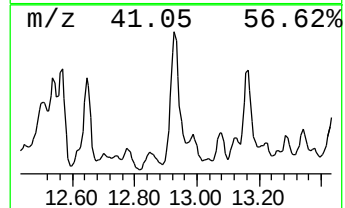
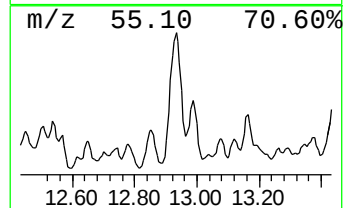
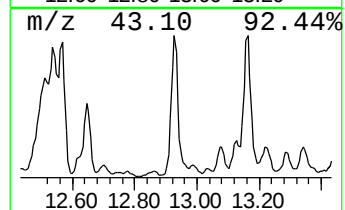
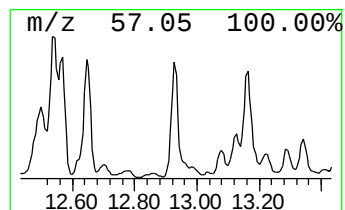
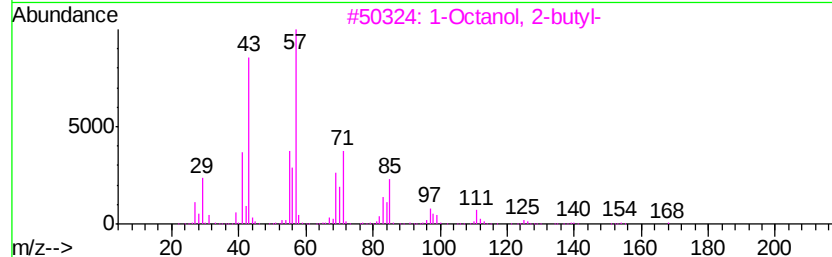
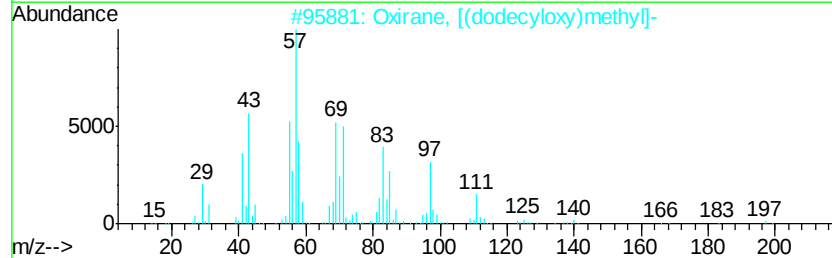
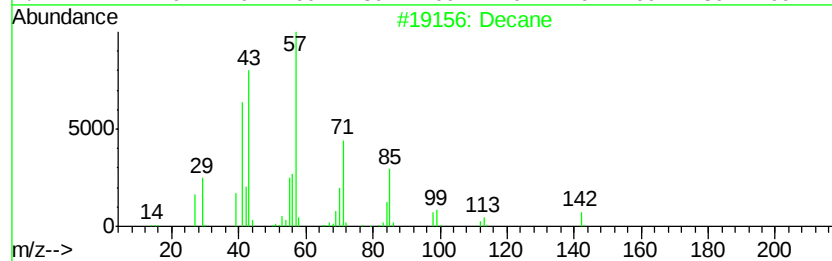
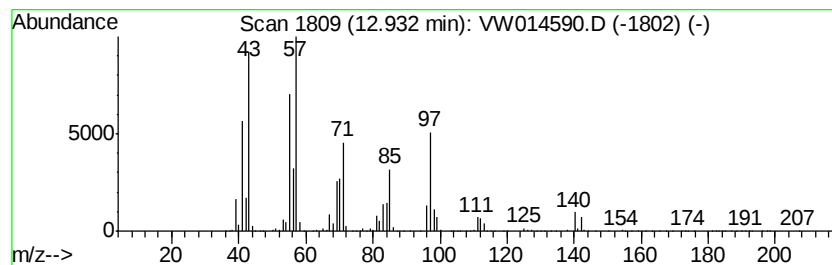
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Quant Title : SW846 8260

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

Peak Number 7 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	86.91 ug/l	3468170	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	89
2		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	83
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014590.D
Acq On : 09 Jan 2020 18:39
Operator : SY/VA
Sample : L1063-05
Misc : 8.26G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

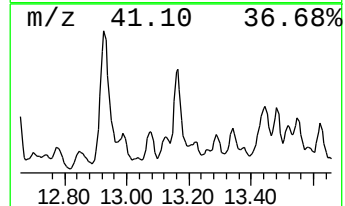
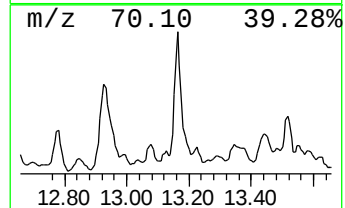
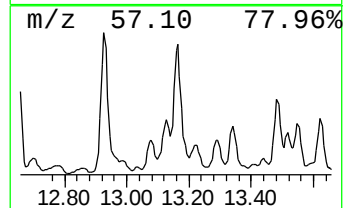
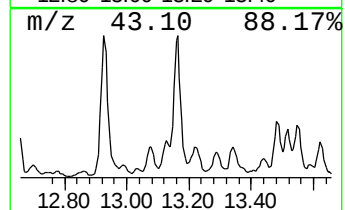
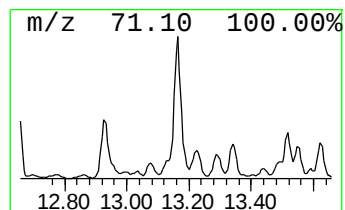
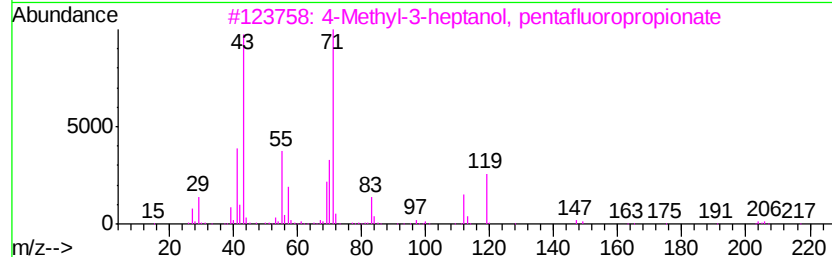
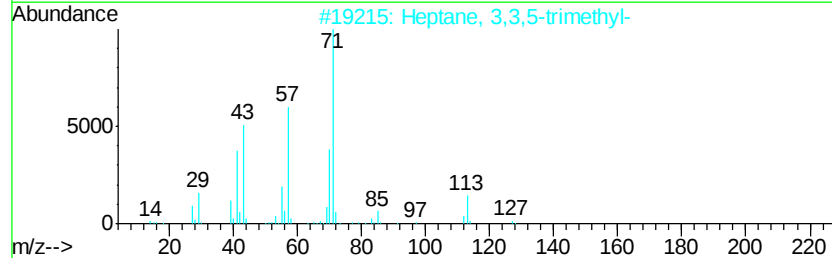
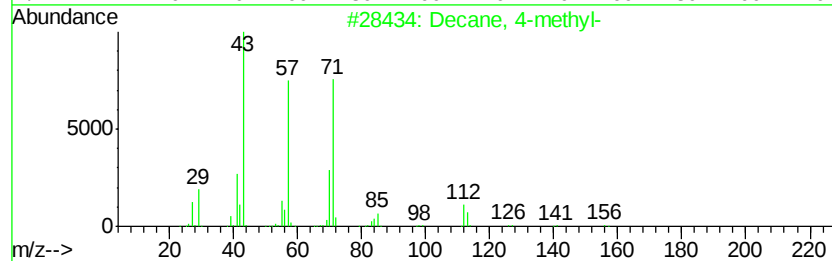
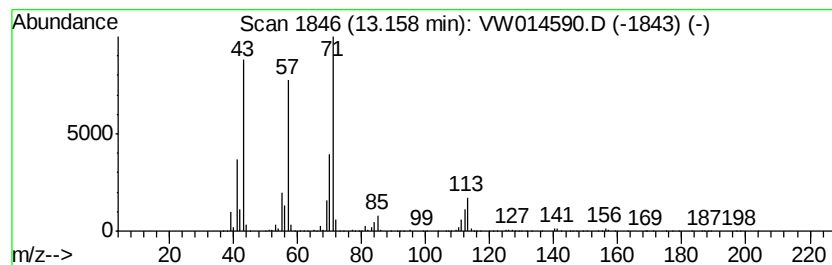
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Quant Title : SW846 8260

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

Peak Number 8 Decane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	39.62 ug/l	1581010	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	72
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
3		4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	59
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014590.D
Acq On : 09 Jan 2020 18:39
Operator : SY/VA
Sample : L1063-05
Misc : 8.26G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

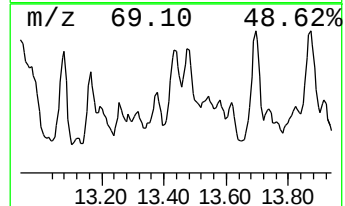
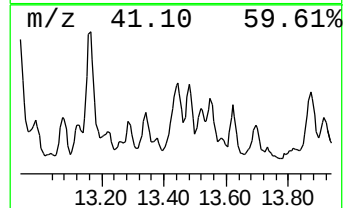
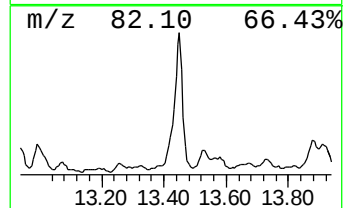
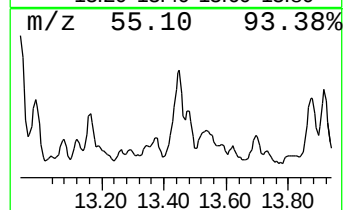
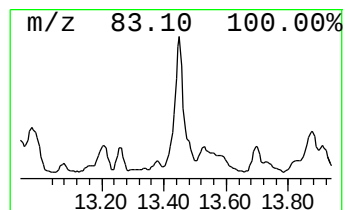
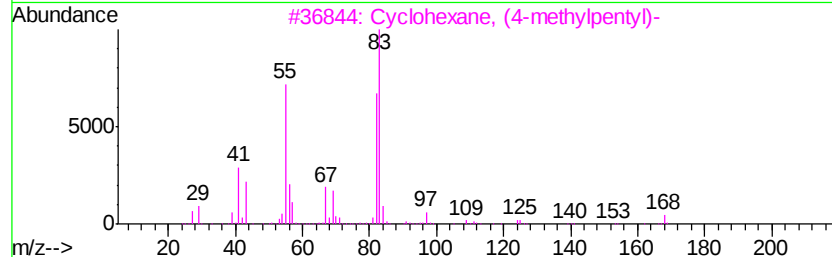
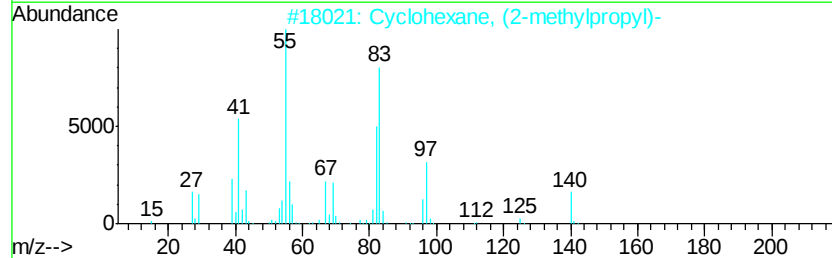
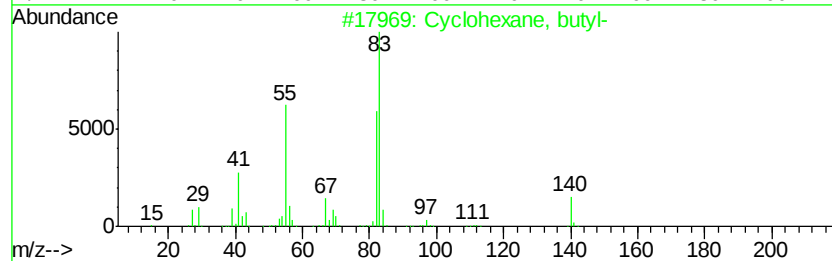
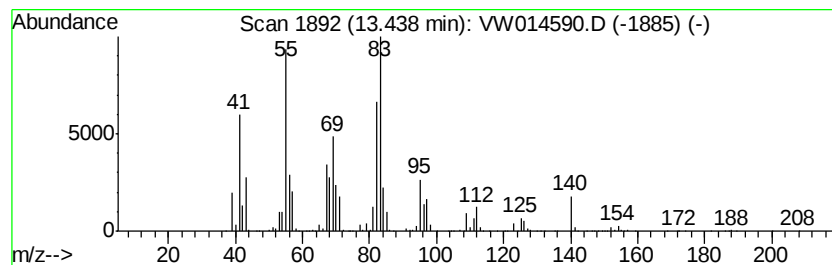
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Quant Title : SW846 8260

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

Peak Number 9 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	41.69 ug/l	1663510	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014590.D
Acq On : 09 Jan 2020 18:39
Operator : SY/VA
Sample : L1063-05
Misc : 8.26G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WP022SB452_200108_30-32

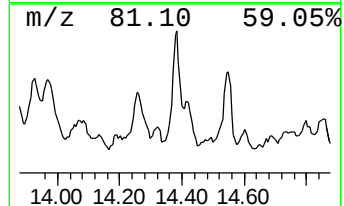
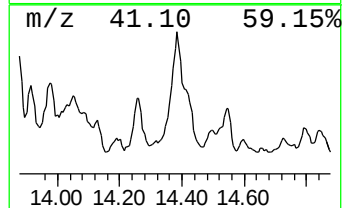
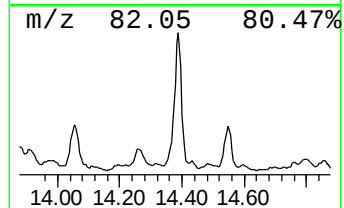
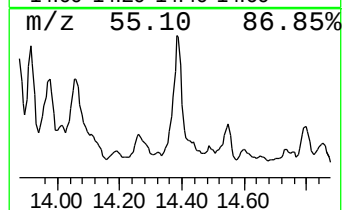
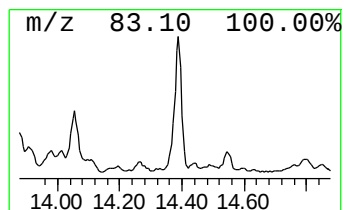
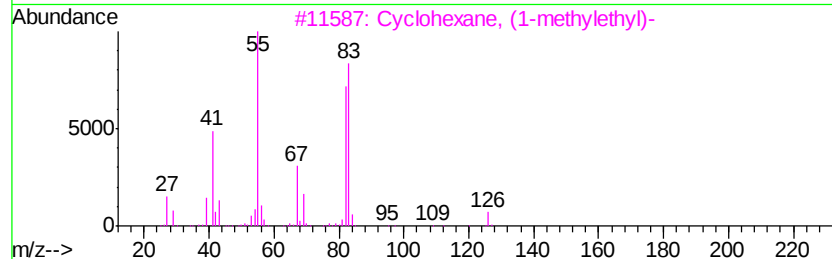
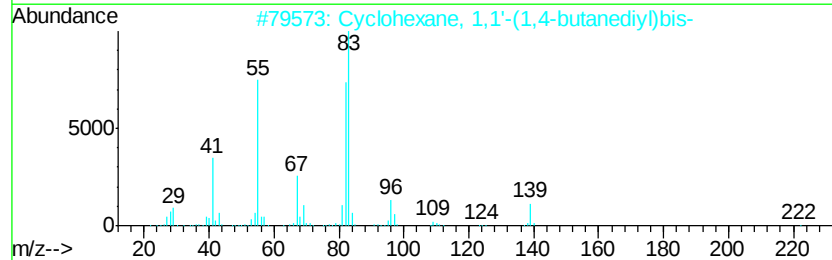
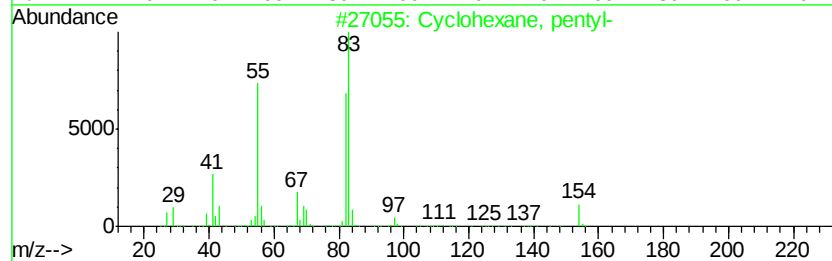
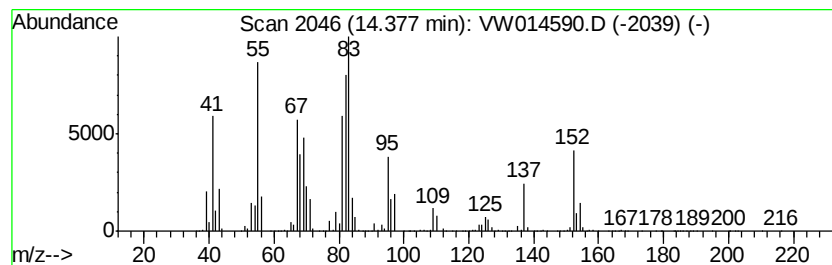
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Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	44.74 ug/l	1785200	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	53
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010920\
Data File : VW014590.D
Acq On : 09 Jan 2020 18:39
Operator : SY/VA
Sample : L1063-05
Misc : 8.26G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.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
Octane, 2-methyl-	11.41	42.1	ug/l	1667630	3	11.63	1979100	50.0
Nonane	11.84	91.9	ug/l	3638320	3	11.63	1979100	50.0
Octane, 2,6-dimet...	12.25	87.3	ug/l	3456600	3	11.63	1979100	50.0
Octane, 2,3-dimet...	12.36	43.6	ug/l	1724750	3	11.63	1979100	50.0
Isobutyl 2-methyl...	12.51	38.5	ug/l	1525340	3	11.63	1979100	50.0
Nonane, 4-methyl-	12.54	46.3	ug/l	1832230	3	11.63	1979100	50.0
Decane	12.93	86.9	ug/l	3468170	4	13.55	1995280	50.0
Decane, 4-methyl-	13.16	39.6	ug/l	1581010	4	13.55	1995280	50.0
Cyclohexane, butyl-	13.44	41.7	ug/l	1663510	4	13.55	1995280	50.0
Cyclohexane, pentyl-	14.38	44.7	ug/l	1785200	4	13.55	1995280	50.0