

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012194.D
 Acq On : 27 Aug 2019 01:34
 Operator : SY/VA
 Sample : K4451-01
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1

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\82W082319S.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	7.884	971	981	985	rBV	132143	326396	1.46%	0.105%
2	7.945	985	991	999	rVB	239042	552868	2.47%	0.179%
3	8.305	1041	1050	1060	rVB	180114	395813	1.77%	0.128%
4	8.841	1128	1138	1148	rBV	390572	786017	3.51%	0.254%
5	9.329	1204	1218	1224	rBV	256940	655247	2.92%	0.212%
6	9.957	1316	1321	1323	rVV	169487	308589	1.38%	0.100%
7	9.988	1323	1326	1334	rVB	198598	331323	1.48%	0.107%
8	10.091	1334	1343	1356	rBV	334390	891613	3.98%	0.288%
9	10.323	1373	1381	1395	rBV	1036213	2214916	9.89%	0.716%
10	10.500	1404	1410	1418	rVB3	335194	760952	3.40%	0.246%
11	10.664	1432	1437	1445	rVB	288959	524333	2.34%	0.169%
12	10.762	1445	1453	1458	rBV3	225071	505368	2.26%	0.163%
13	10.847	1462	1467	1472	rVB	199038	331038	1.48%	0.107%
14	10.933	1472	1481	1487	rBV	434321	754193	3.37%	0.244%
15	11.036	1493	1498	1505	rVB	300641	566116	2.53%	0.183%
16	11.109	1505	1510	1513	rBV	168577	267986	1.20%	0.087%
17	11.176	1513	1521	1525	rVV	557291	1016359	4.54%	0.328%
18	11.231	1525	1530	1535	rVB	702645	1245161	5.56%	0.402%
19	11.335	1542	1547	1551	rBV2	441483	742063	3.31%	0.240%
20	11.408	1551	1559	1570	rVB3	952791	2637163	11.77%	0.852%
21	11.512	1570	1576	1581	rBV	890758	1422577	6.35%	0.460%
22	11.628	1590	1595	1605	rBV	473138	879339	3.93%	0.284%
23	11.725	1606	1611	1614	rBV2	160763	257880	1.15%	0.083%
24	11.841	1620	1630	1633	rVV	1479963	2854444	12.74%	0.923%
25	11.871	1633	1635	1639	rVV	622671	905894	4.04%	0.293%
26	11.914	1639	1642	1647	rVB3	543696	900316	4.02%	0.291%
27	11.975	1647	1652	1655	rBV2	125236	233757	1.04%	0.076%
28	12.060	1659	1666	1671	rVB3	297216	606403	2.71%	0.196%
29	12.134	1671	1678	1685	rBV3	1077308	2492087	11.12%	0.805%
30	12.249	1690	1697	1702	rVB	1445877	2395107	10.69%	0.774%
31	12.341	1707	1712	1713	rBV2	709127	1082201	4.83%	0.350%
32	12.463	1727	1732	1735	rBV3	403736	799521	3.57%	0.258%
33	12.512	1736	1740	1741	rVV2	721905	1124532	5.02%	0.363%
34	12.542	1742	1745	1747	rVV	1318930	1992805	8.90%	0.644%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	12.566	1747	1749	1753	rVB	1503936	1785009	7.97%	0.577%
36	12.621	1753	1758	1760	rBV2	629130	1012457	4.52%	0.327%
37	12.652	1760	1763	1767	rVB	1065104	1366644	6.10%	0.442%
38	12.701	1767	1771	1775	rBV4	327229	514718	2.30%	0.166%
39	12.780	1780	1784	1791	rVB3	1171799	2620907	11.70%	0.847%
40	12.859	1791	1797	1801	rBV4	620694	1362512	6.08%	0.440%
41	12.932	1801	1809	1815	rBV2	7366285	12866305	57.43%	4.158%
42	12.993	1815	1819	1824	rVB3	897894	1483788	6.62%	0.480%
43	13.079	1828	1833	1836	rBV	883092	1483804	6.62%	0.480%
44	13.127	1838	1841	1843	rVV2	458395	639264	2.85%	0.207%
45	13.164	1843	1847	1854	rVB	3153492	4680975	20.90%	1.513%
46	13.225	1854	1857	1859	rBV	237154	329448	1.47%	0.106%
47	13.292	1865	1868	1872	rVB	608753	745331	3.33%	0.241%
48	13.347	1872	1877	1879	rBV2	820102	1247781	5.57%	0.403%
49	13.383	1879	1883	1887	rVB	1096288	1581869	7.06%	0.511%
50	13.444	1887	1893	1897	rBV4	2282059	4301343	19.20%	1.390%
51	13.487	1897	1900	1903	rVV2	1989190	2821186	12.59%	0.912%
52	13.518	1903	1905	1908	rVV	1086717	1383531	6.18%	0.447%
53	13.554	1908	1911	1915	rVB2	2373189	3051877	13.62%	0.986%
54	13.627	1919	1923	1929	rVB	1959624	2691532	12.01%	0.870%
55	13.719	1930	1938	1940	rBV2	1451735	3138814	14.01%	1.014%
56	13.749	1940	1943	1947	rVV2	1837105	2593496	11.58%	0.838%
57	13.798	1947	1951	1958	rVB4	2009879	4144232	18.50%	1.339%
58	13.877	1958	1964	1969	rBV	14707374	21917910	97.84%	7.084%
59	13.920	1969	1971	1973	rBV2	401662	417762	1.86%	0.135%
60	14.036	1983	1990	1995	rVB4	1695380	4316642	19.27%	1.395%
61	14.097	1995	2000	2004	rBV	3277430	4531400	20.23%	1.465%
62	14.133	2004	2006	2012	rVB2	1188860	1707558	7.62%	0.552%
63	14.206	2012	2018	2023	rVB3	3455482	5818575	25.97%	1.881%
64	14.261	2023	2027	2034	rBV6	1068628	2596258	11.59%	0.839%
65	14.353	2034	2042	2044	rBV2	2361447	4454697	19.89%	1.440%
66	14.389	2044	2048	2051	rVV3	3898999	6494243	28.99%	2.099%
67	14.426	2051	2054	2057	rVV2	3217251	5025401	22.43%	1.624%
68	14.456	2057	2059	2063	rVB	2059203	2361818	10.54%	0.763%
69	14.499	2063	2066	2070	rBV2	3638349	4510029	20.13%	1.458%
70	14.548	2070	2074	2080	rVB4	1997006	3488836	15.57%	1.128%
71	14.603	2080	2083	2085	rBV2	547029	667597	2.98%	0.216%

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72	14.639	2086	2089	2093	rVB	1290436	1723647	7.69%	0.557%
73	14.694	2093	2098	2099	rBV2	1711334	2495737	11.14%	0.807%
74	14.725	2099	2103	2109	rVB2	15432635	22401858	100.00%	7.240%
75	14.804	2109	2116	2120	rBV4	5240780	13822792	61.70%	4.468%
76	14.840	2120	2122	2130	rVB2	4743415	8526280	38.06%	2.756%
77	14.962	2139	2142	2147	rVB4	806296	1491993	6.66%	0.482%
78	15.029	2149	2153	2154	rBV4	805236	1112634	4.97%	0.360%
79	15.066	2155	2159	2163	rVV3	2279624	3690562	16.47%	1.193%
80	15.176	2170	2177	2185	rBV5	3005707	8754801	39.08%	2.830%
81	15.249	2185	2189	2197	rVB7	3321398	7169619	32.00%	2.317%
82	15.328	2197	2202	2211	rBV	6110153	10742948	47.96%	3.472%
83	15.420	2212	2217	2222	rBV	2428121	4916974	21.95%	1.589%
84	15.474	2222	2226	2229	rBV2	1503502	2491683	11.12%	0.805%
85	15.554	2235	2239	2248	rVB	9209542	16611613	74.15%	5.369%
86	15.657	2248	2256	2263	rBV5	2899362	7655315	34.17%	2.474%
87	15.731	2264	2268	2274	rVB4	1728612	3185289	14.22%	1.030%
88	15.865	2286	2290	2296	rVB	3526545	6267147	27.98%	2.026%
89	16.029	2310	2317	2323	rBV7	1126389	3085582	13.77%	0.997%
90	16.176	2332	2341	2346	rBV3	2475875	6936383	30.96%	2.242%
91	16.285	2356	2359	2365	rVB2	981314	1660329	7.41%	0.537%
92	16.377	2368	2374	2380	rVV2	2745586	6080078	27.14%	1.965%
93	16.438	2381	2384	2388	rVV4	811901	1592938	7.11%	0.515%
94	16.493	2389	2393	2399	rVB2	1610827	3033912	13.54%	0.981%
95	16.651	2411	2419	2425	rBV5	1342320	4032856	18.00%	1.303%

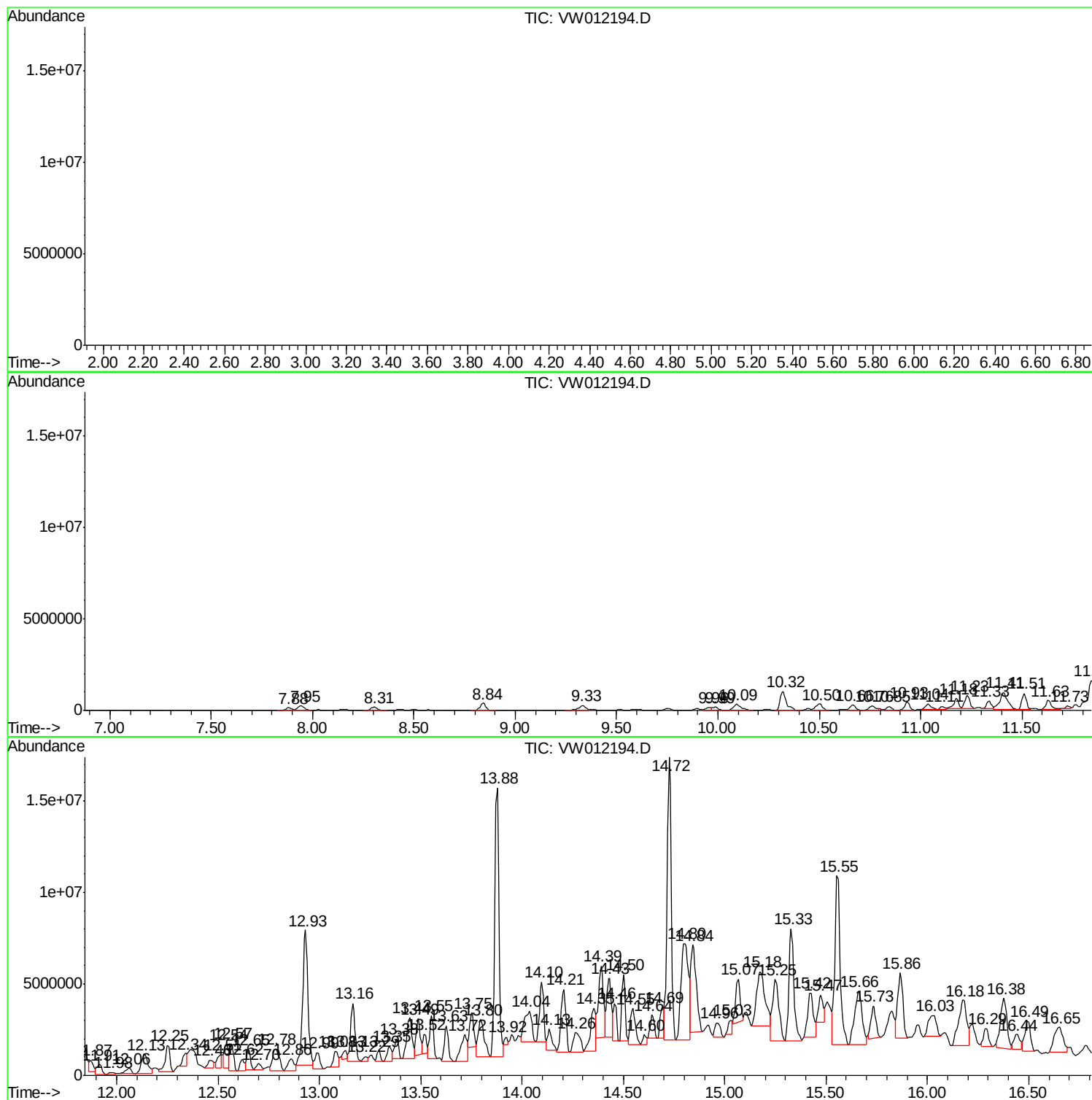
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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



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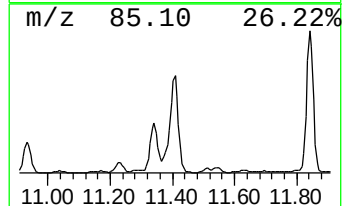
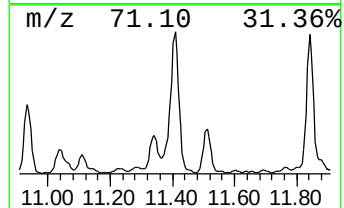
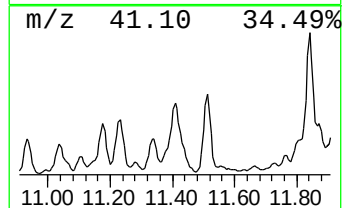
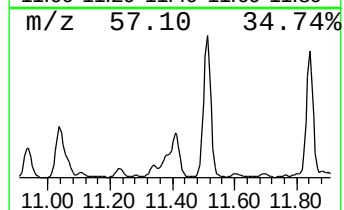
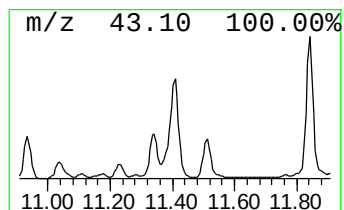
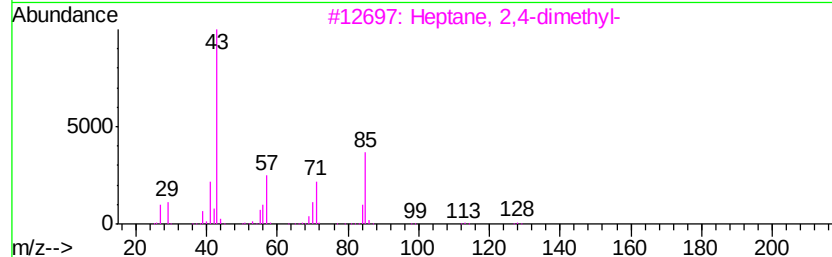
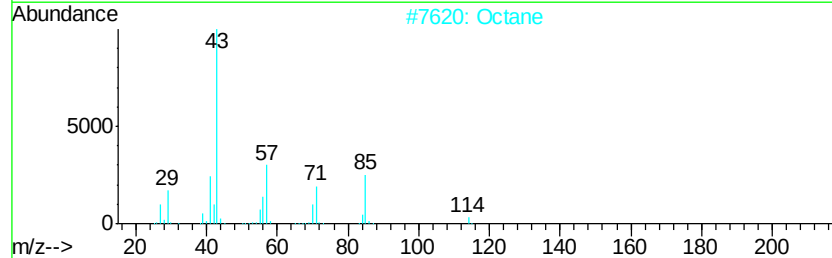
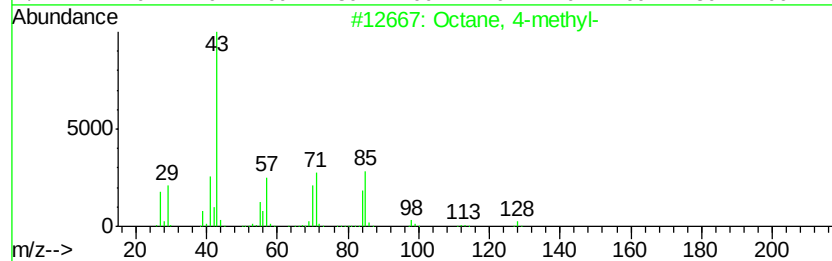
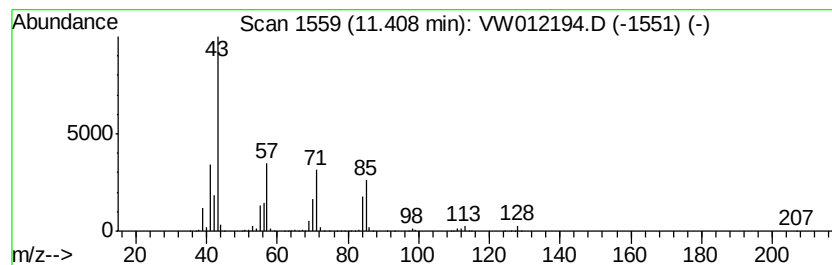
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	149.95 ug/l	2637160	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	80
2		Octane	114	C8H18	000111-65-9	72
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	64



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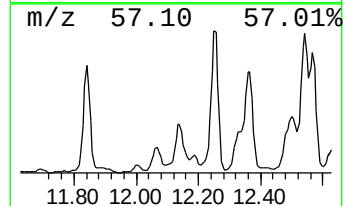
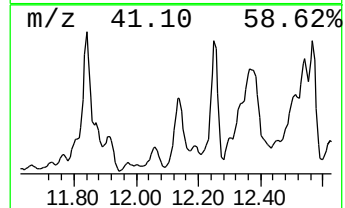
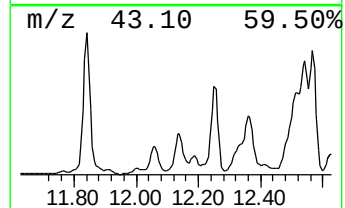
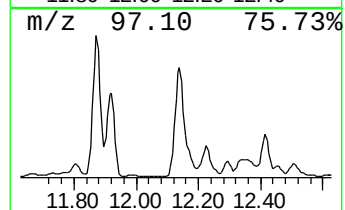
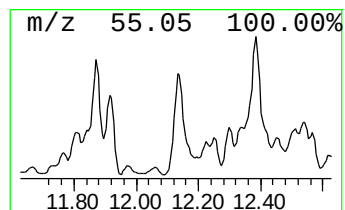
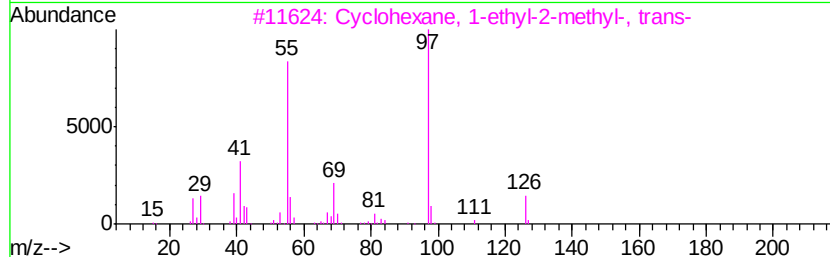
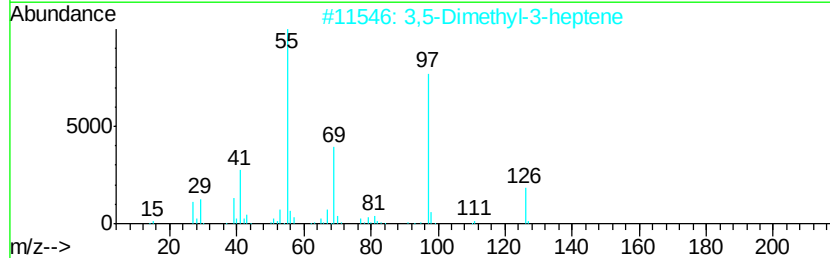
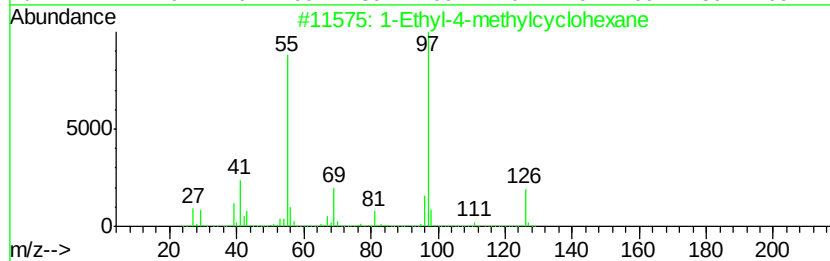
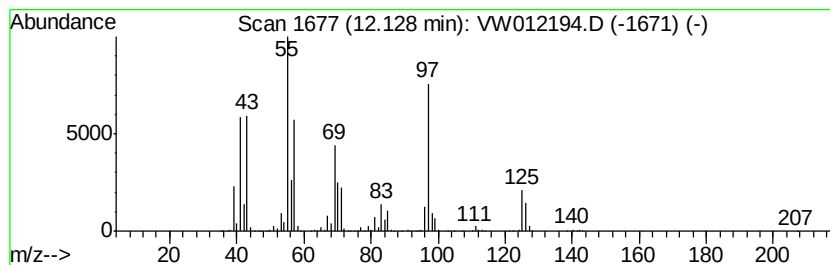
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Ethyl-4-methylcyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	141.70 ug/l	2492090	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	60
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	53
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	50



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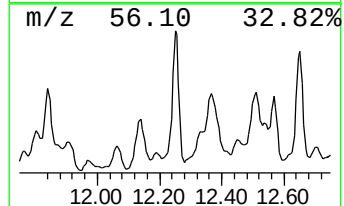
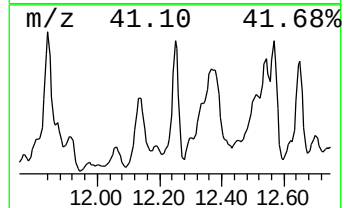
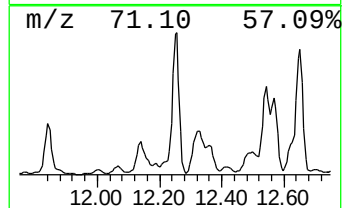
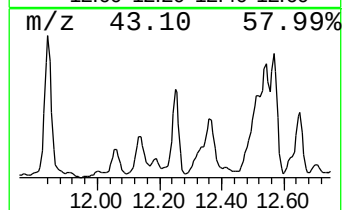
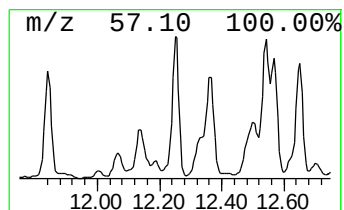
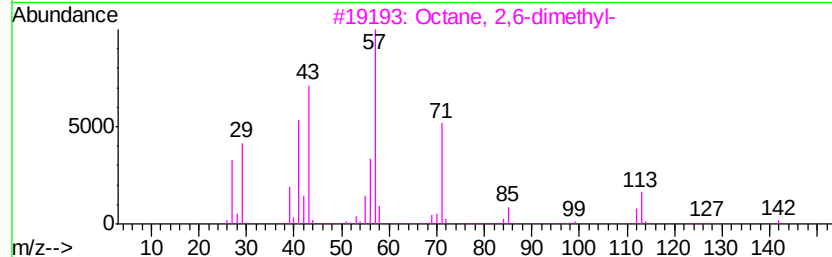
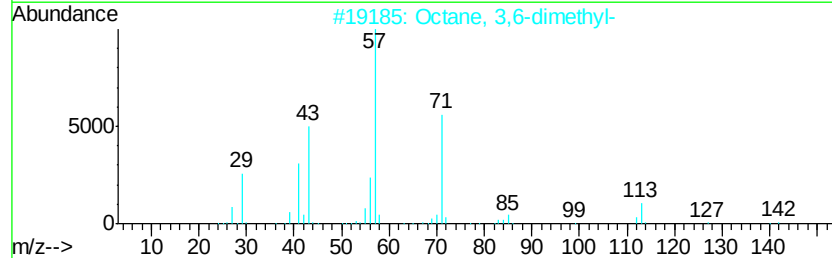
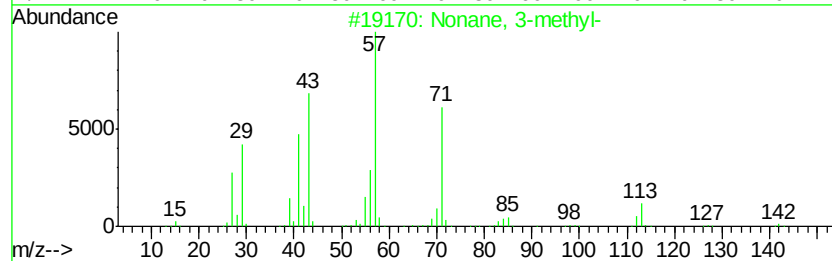
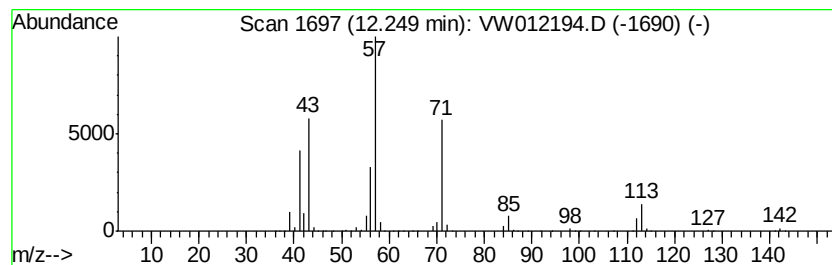
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Peak Number 3 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	136.19 ug/l	2395110	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
B-1

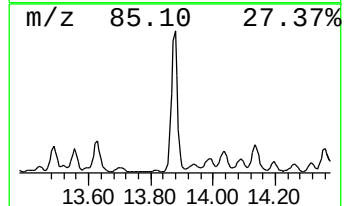
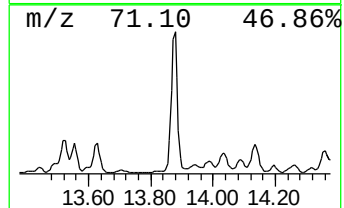
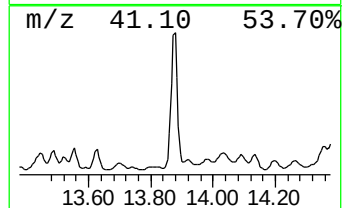
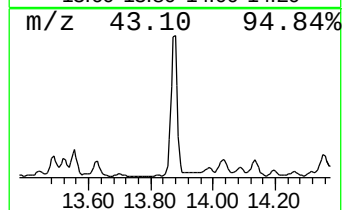
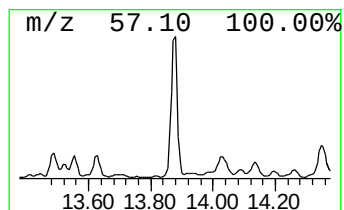
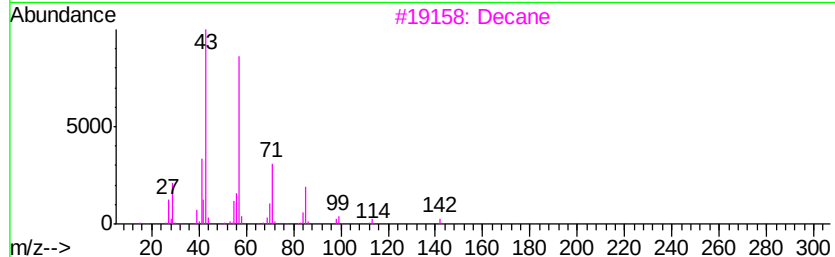
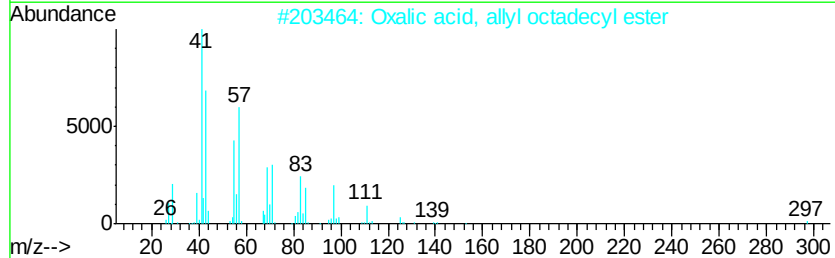
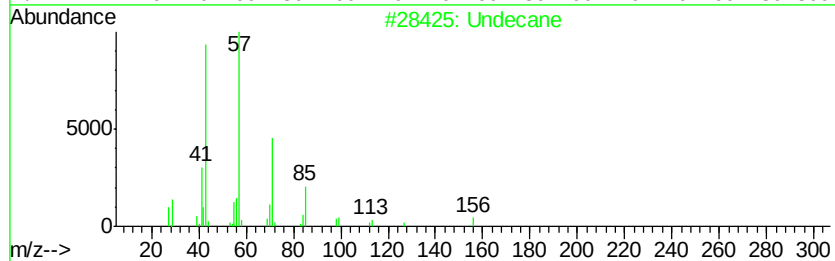
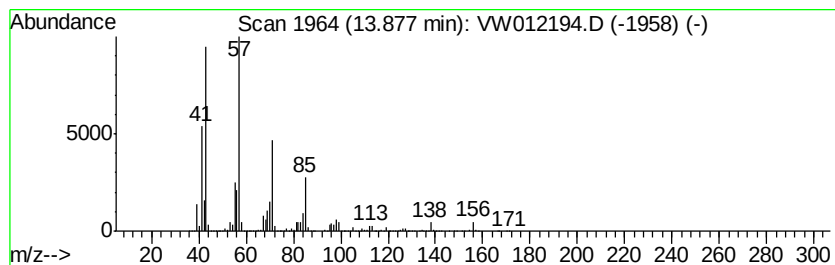
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Quant Title : SW846 8260

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

Peak Number 4 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	359.09 ug/l	21917900	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	87
2	Oxalic acid, allyl octadecyl ester		382	C23H42O4	1000309-24-5	72
3	Decane		142	C10H22	000124-18-5	72
4	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	59
5	Hexadecane		226	C16H34	000544-76-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1

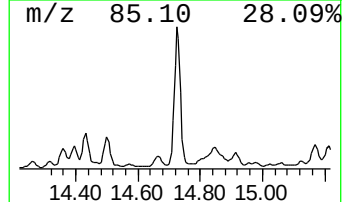
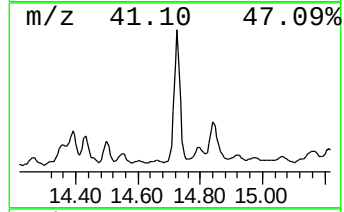
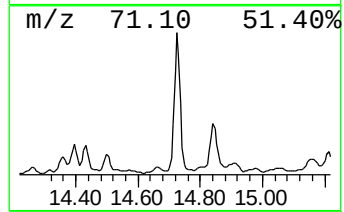
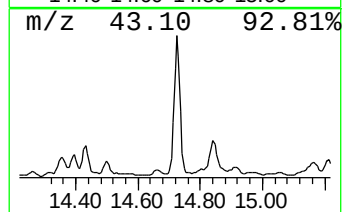
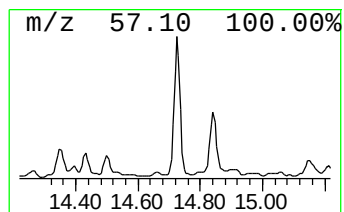
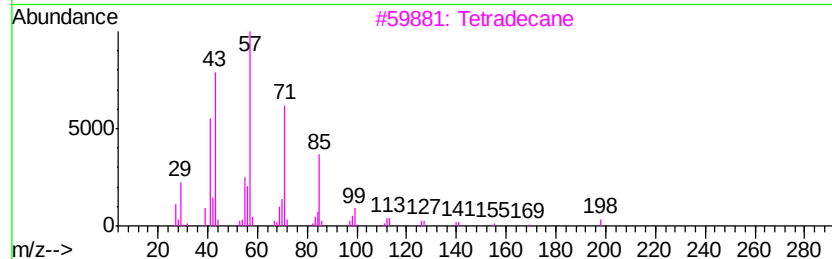
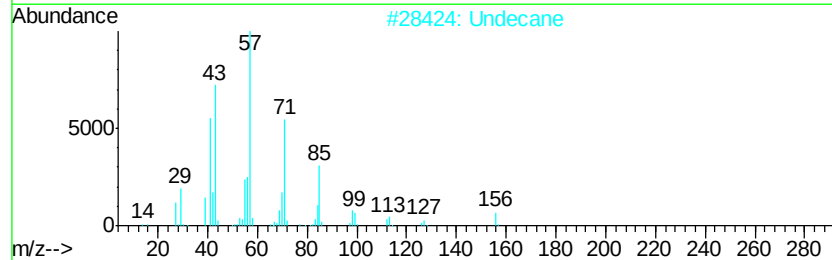
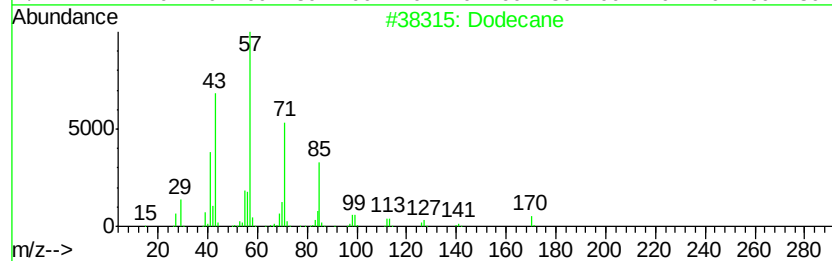
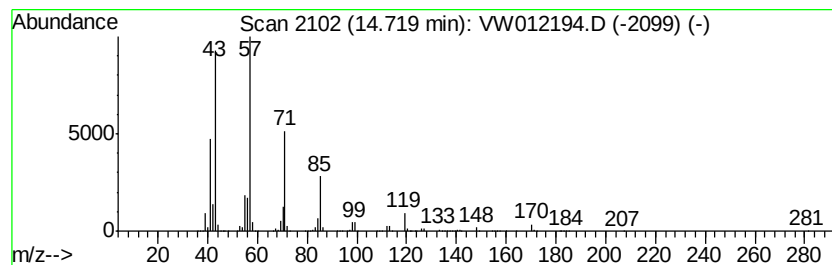
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	367.02 ug/l	22401900	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	93
2	Undecane		156	C11H24	001120-21-4	81
3	Tetradecane		198	C14H30	000629-59-4	80
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	80
5	Tridecane		184	C13H28	000629-50-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1

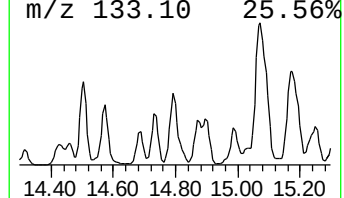
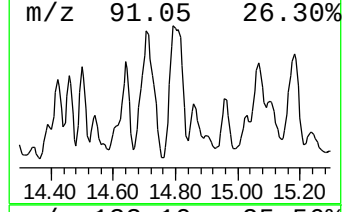
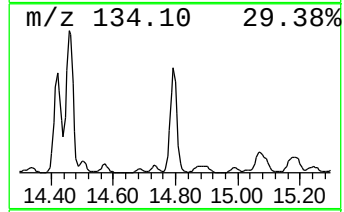
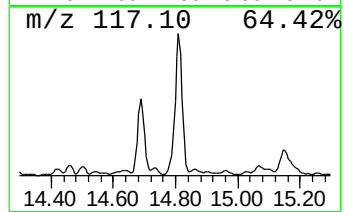
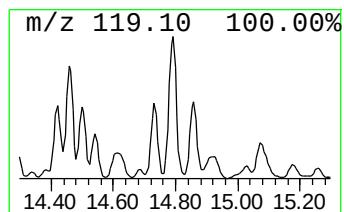
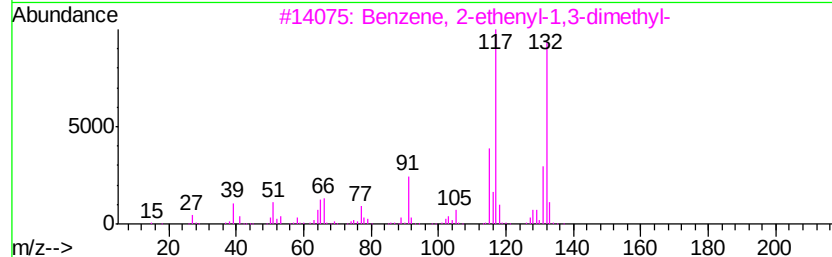
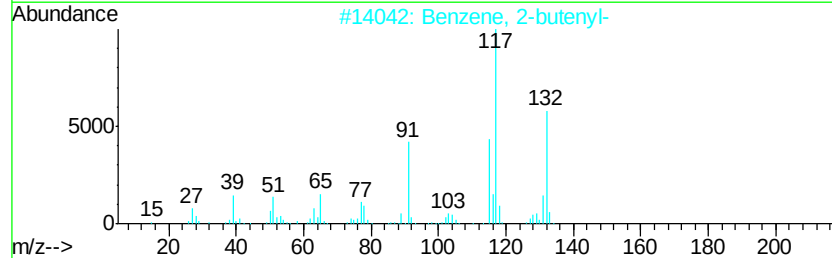
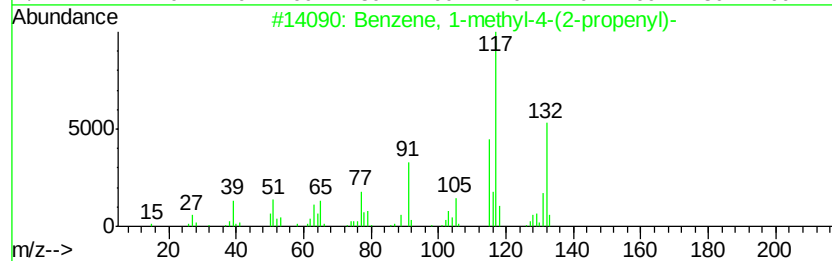
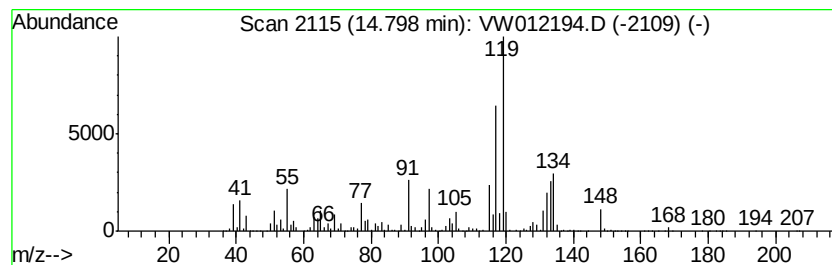
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-4-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	226.46 ug/l	13822800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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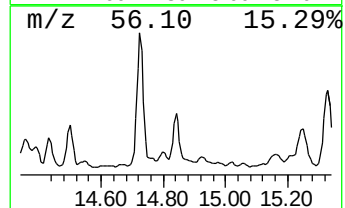
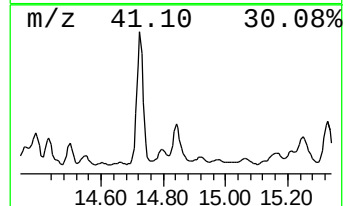
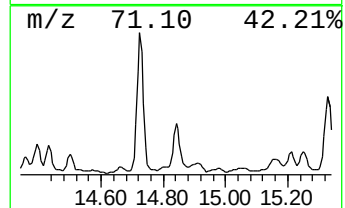
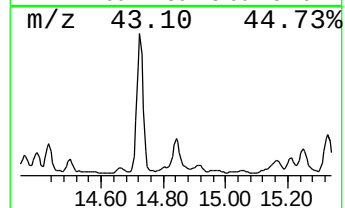
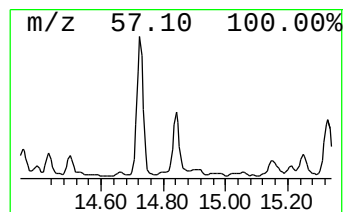
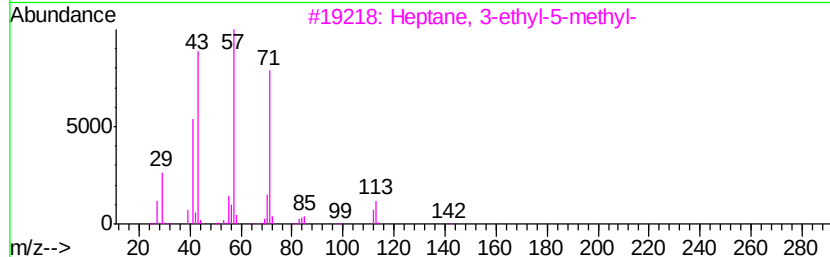
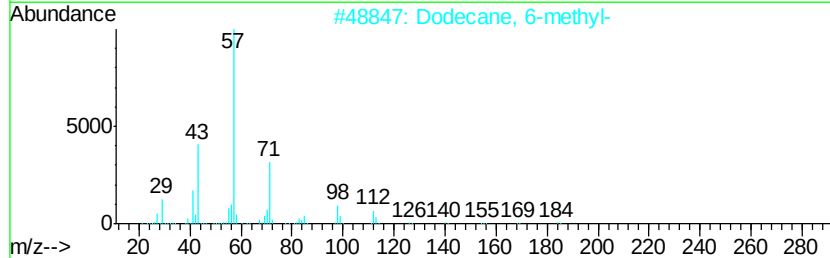
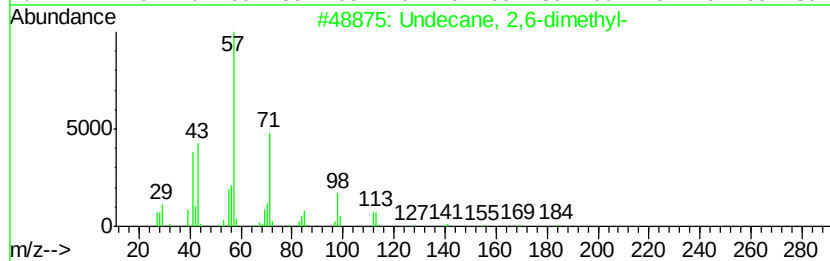
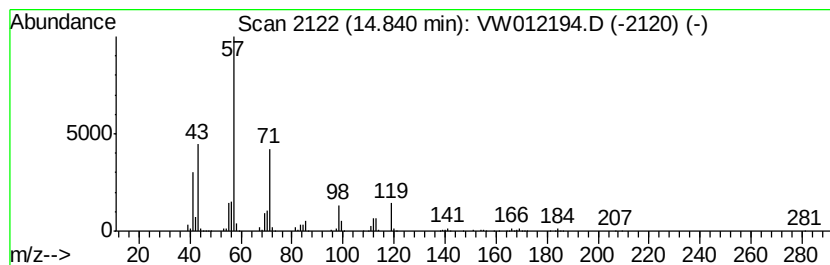
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	139.69 ug/l	8526280	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
4		Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1

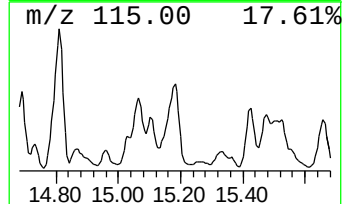
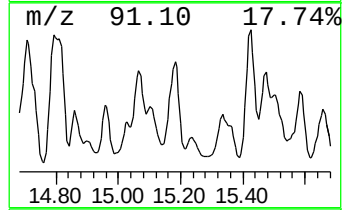
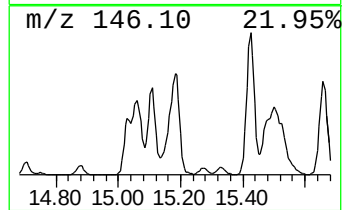
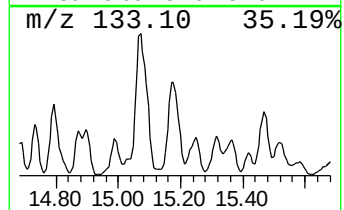
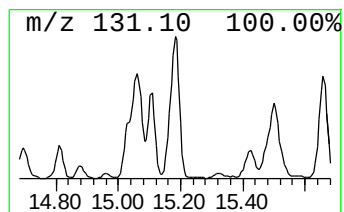
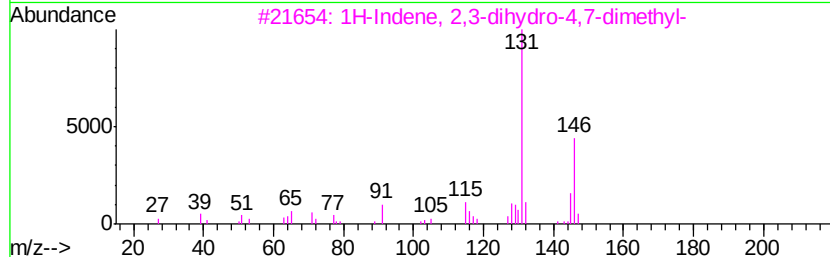
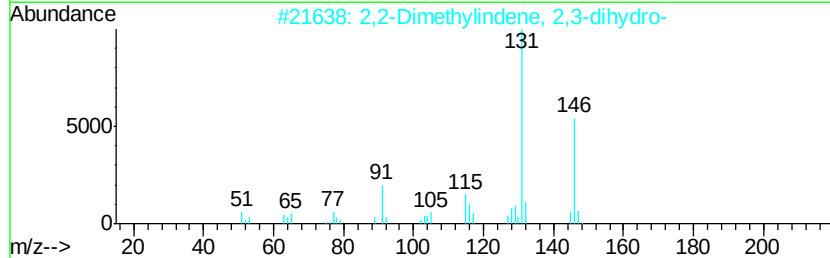
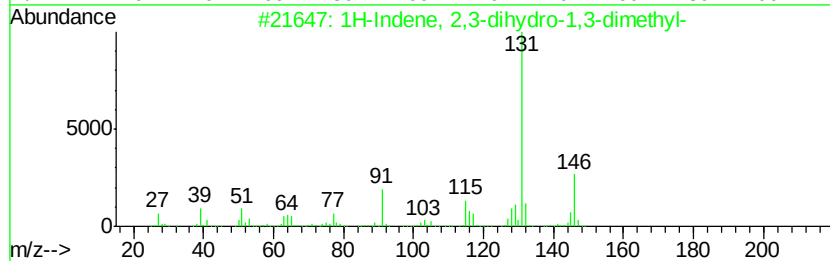
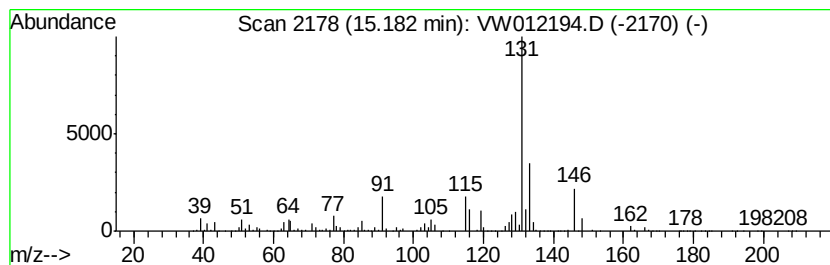
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	143.43 ug/l	8754800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012194.D
 Acq On : 27 Aug 2019 01:34
 Operator : SY/VA
 Sample : K4451-01
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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 ClientSampled :
 B-1

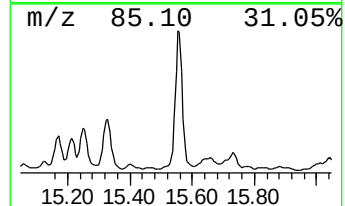
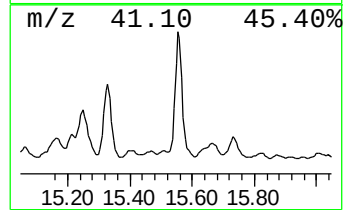
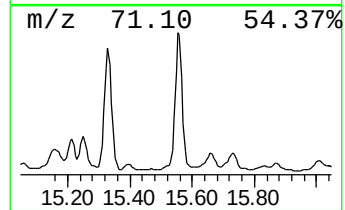
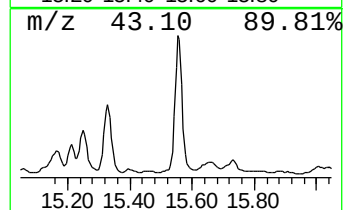
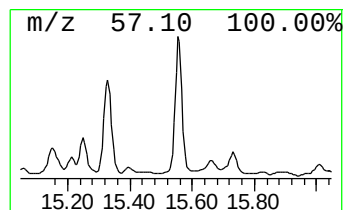
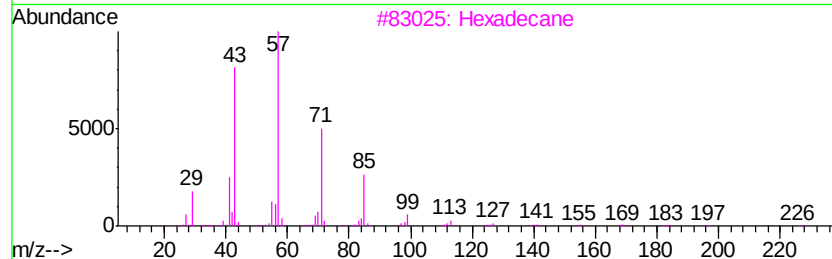
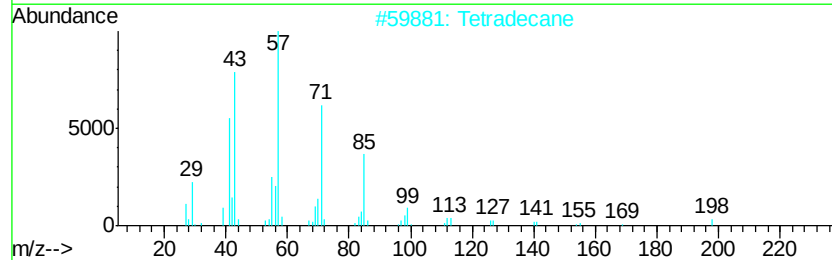
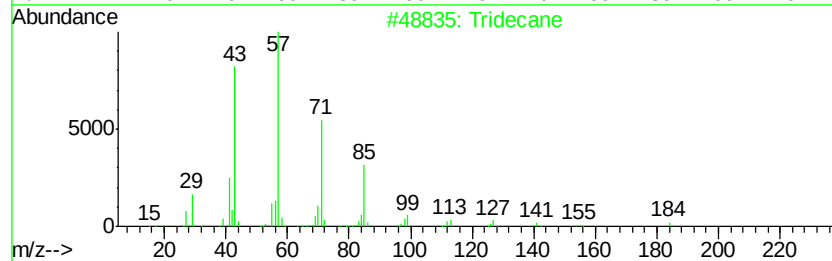
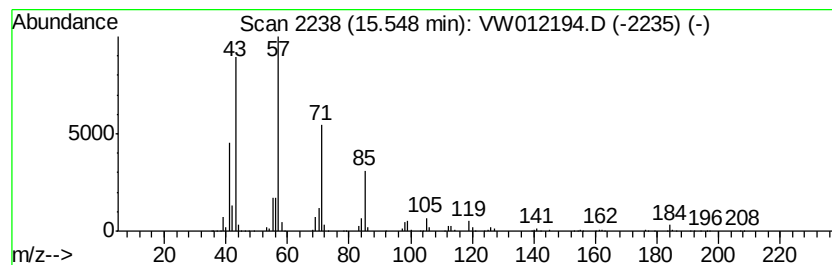
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 Quant Title : SW846 8260

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

 Peak Number 10 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	272.15 ug/l	16611600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082619\
Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.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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1-Ethyl-4-methylc...	12.13	141.7	ug/l	2492090	3	11.63	879339	50.0
Nonane, 3-methyl-	12.25	136.2	ug/l	2395110	3	11.63	879339	50.0
Undecane	13.88	359.1	ug/l	21917900	4	13.56	3051880	50.0
Dodecane	14.72	367.0	ug/l	22401900	4	13.56	3051880	50.0
Benzene, 1-methyl...	14.80	226.5	ug/l	13822800	4	13.56	3051880	50.0
Undecane, 2,6-dim...	14.84	139.7	ug/l	8526280	4	13.56	3051880	50.0
1H-Indene, 2,3-di...	15.18	143.4	ug/l	8754800	4	13.56	3051880	50.0
Tridecane	15.55	272.1	ug/l	16611600	4	13.56	3051880	50.0