

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064440.D
 Acq On : 05 Dec 2019 17:02
 Operator : VA/SY
 Sample : K6164-01
 Misc : 6.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BOX-2512

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_D\METHOD\82D112719S.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	4.167	373	382	397	rBV	184525	531735	1.69%	0.193%
2	7.914	1010	1019	1024	rBV	391321	931061	2.96%	0.338%
3	7.979	1024	1030	1045	rVB	658488	1474199	4.68%	0.534%
4	8.332	1080	1090	1102	rBV2	353624	786641	2.50%	0.285%
5	8.861	1171	1180	1191	rBV	962975	1949100	6.19%	0.707%
6	10.338	1422	1431	1439	rBV	1388697	2528584	8.03%	0.917%
7	11.649	1645	1654	1665	rBV	1208005	2157403	6.85%	0.782%
8	11.861	1679	1690	1698	rBV	424665	742760	2.36%	0.269%
9	12.273	1753	1760	1765	rVB	263533	395357	1.26%	0.143%
10	12.385	1775	1779	1790	rVV4	235647	566382	1.80%	0.205%
11	12.561	1791	1809	1811	rVV3	363817	1043910	3.31%	0.378%
12	12.585	1811	1813	1817	rVV	344433	478656	1.52%	0.174%
13	12.637	1817	1822	1826	rVV	950154	1625358	5.16%	0.589%
14	12.667	1826	1827	1833	rVB	305523	346290	1.10%	0.126%
15	12.796	1845	1849	1856	rVB4	191350	381463	1.21%	0.138%
16	12.879	1856	1863	1867	rBV4	141422	327134	1.04%	0.119%
17	12.949	1868	1875	1882	rVV	3381032	5765831	18.31%	2.090%
18	13.014	1882	1886	1891	rVB4	213677	367167	1.17%	0.133%
19	13.102	1896	1901	1904	rBV2	251999	461137	1.46%	0.167%
20	13.190	1911	1916	1922	rVB	1061111	1657097	5.26%	0.601%
21	13.373	1942	1947	1949	rBV	280208	416995	1.32%	0.151%
22	13.467	1956	1963	1967	rBV3	921807	1823484	5.79%	0.661%
23	13.514	1967	1971	1974	rBV2	716991	972523	3.09%	0.353%
24	13.579	1979	1982	1986	rVV	1287287	1629566	5.17%	0.591%
25	13.649	1991	1994	2001	rVB	817435	1173923	3.73%	0.426%
26	13.743	2002	2010	2012	rBV3	329554	804878	2.56%	0.292%
27	13.773	2012	2015	2019	rVB	481829	555282	1.76%	0.201%
28	13.820	2019	2023	2031	rVB2	1037378	1838472	5.84%	0.666%
29	13.902	2031	2037	2042	rBV	9837870	13902910	44.15%	5.040%
30	13.979	2047	2050	2053	rVB	494637	620851	1.97%	0.225%
31	14.067	2058	2065	2070	rVB3	1005445	1870482	5.94%	0.678%
32	14.126	2070	2075	2079	rBV	1410323	1972273	6.26%	0.715%
33	14.167	2079	2082	2087	rVB2	823191	1145780	3.64%	0.415%
34	14.231	2087	2093	2098	rBV2	2186732	3834364	12.18%	1.390%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	14.296	2098	2104	2105	rBV2	603206	998875	3.17%	0.362%
36	14.384	2111	2119	2122	rBV4	1825116	4386707	13.93%	1.590%
37	14.426	2122	2126	2129	rVV4	1626972	2618578	8.31%	0.949%
38	14.461	2129	2132	2135	rVV2	1398126	1878558	5.96%	0.681%
39	14.531	2140	2144	2148	rBV	2994718	3860801	12.26%	1.400%
40	14.579	2148	2152	2159	rVB3	1324131	2184903	6.94%	0.792%
41	14.673	2159	2168	2172	rBV2	1365354	2868891	9.11%	1.040%
42	14.761	2173	2183	2189	rBV2	18973151	27139163	86.17%	9.839%
43	14.831	2189	2195	2200	rBV3	5383820	12964230	41.16%	4.700%
44	14.879	2200	2203	2211	rVB2	4607738	8885436	28.21%	3.221%
45	14.996	2220	2223	2230	rVB2	1417747	2440671	7.75%	0.885%
46	15.067	2232	2235	2237	rBV2	690805	917087	2.91%	0.332%
47	15.108	2237	2242	2246	rBV2	2975615	5143821	16.33%	1.865%
48	15.220	2254	2261	2266	rBV4	3845677	9822654	31.19%	3.561%
49	15.296	2270	2274	2282	rVB6	3819429	7498313	23.81%	2.718%
50	15.378	2282	2288	2297	rBV	6990293	13452335	42.71%	4.877%
51	15.467	2298	2303	2307	rBV	2267852	4321005	13.72%	1.566%
52	15.520	2308	2312	2316	rBV2	1962602	3569224	11.33%	1.294%
53	15.608	2322	2327	2337	rVB	17732681	31493530	100.00%	11.417%
54	15.714	2337	2345	2352	rBV6	3539183	10181082	32.33%	3.691%
55	15.790	2353	2358	2363	rVB2	2441637	4373502	13.89%	1.585%
56	15.920	2377	2380	2386	rVB2	3039508	5099539	16.19%	1.849%
57	16.078	2402	2407	2416	rBV5	2237978	6132336	19.47%	2.223%
58	16.237	2426	2434	2440	rBV5	3452619	9882643	31.38%	3.583%
59	16.290	2440	2443	2450	rVV5	1813279	3635295	11.54%	1.318%
60	16.361	2451	2455	2460	rVV	2007797	3429546	10.89%	1.243%
61	16.443	2464	2469	2475	rVV3	3228402	7359201	23.37%	2.668%
62	16.508	2476	2480	2485	rVV3	1791606	3701636	11.75%	1.342%
63	16.573	2485	2491	2502	rVB	5269549	11090340	35.21%	4.021%
64	16.714	2508	2515	2527	rBV8	2032469	7434891	23.61%	2.695%

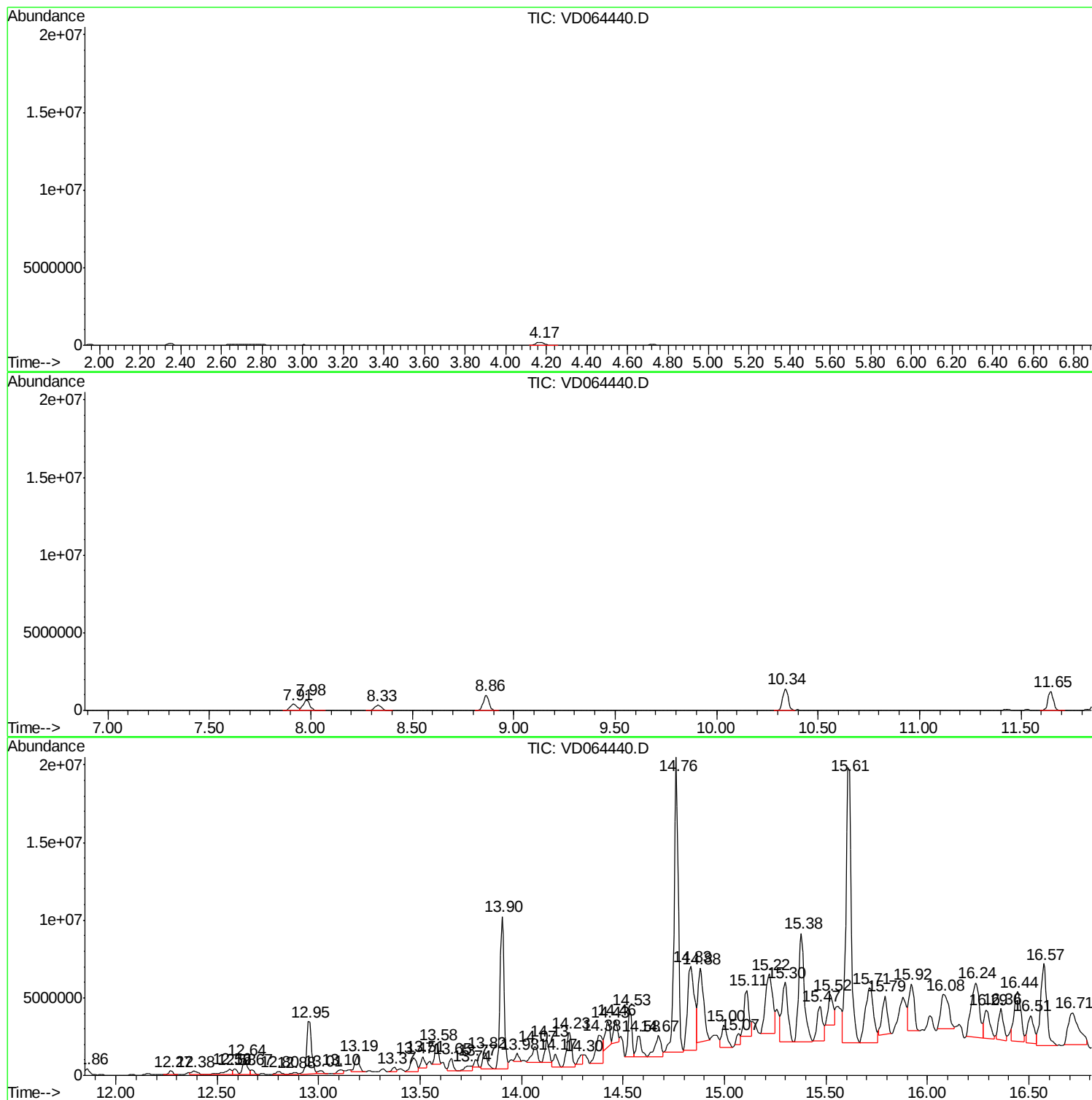
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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



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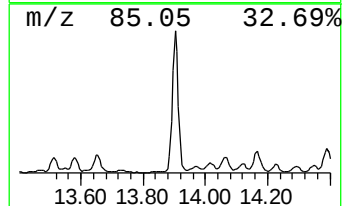
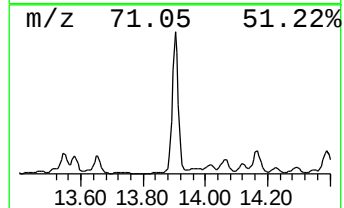
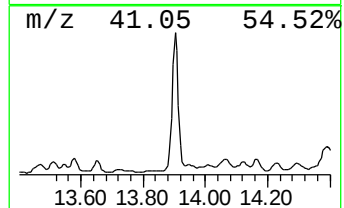
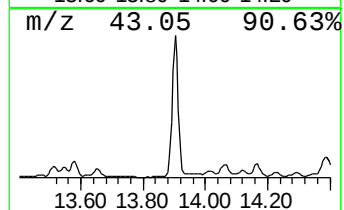
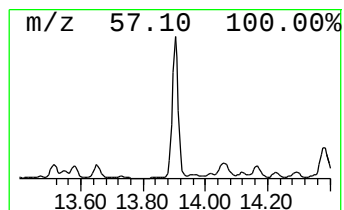
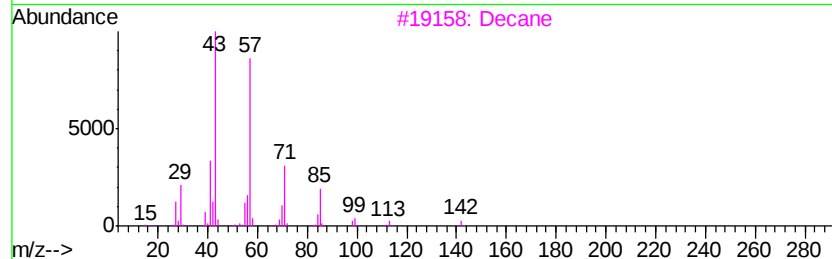
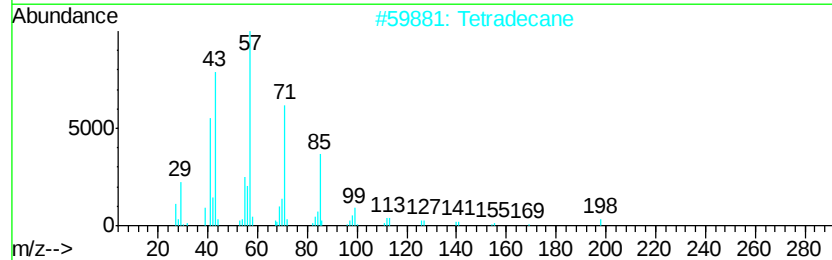
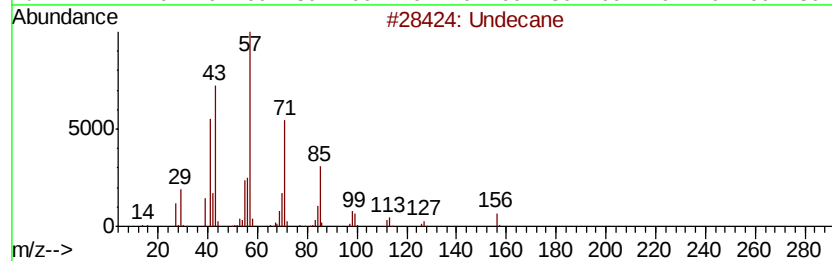
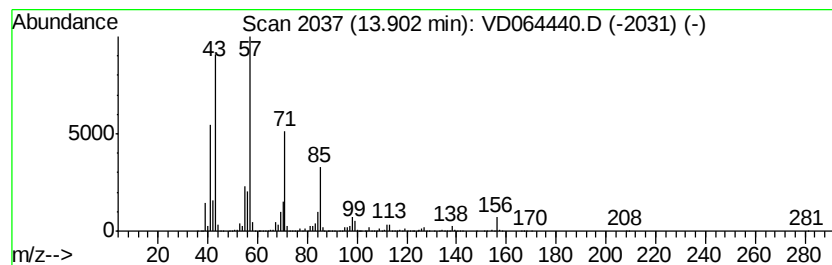
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260

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

 Peak Number 1 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	426.58 ug/l	13902900	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	96
2		Tetradecane	198	C14H30	000629-59-4	90
3		Decane	142	C10H22	000124-18-5	83
4		Tridecane	184	C13H28	000629-50-5	78
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74



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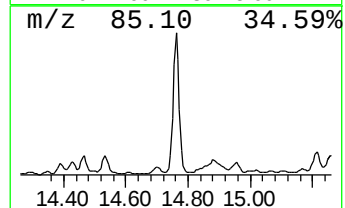
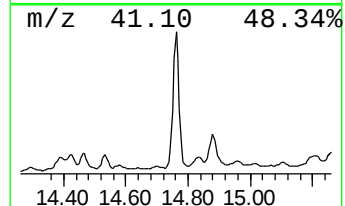
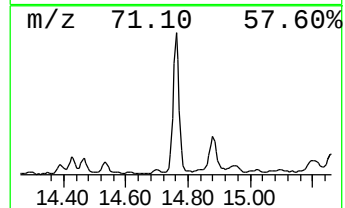
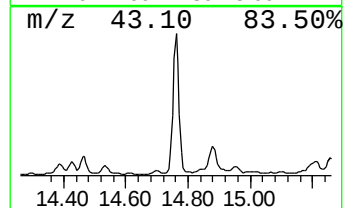
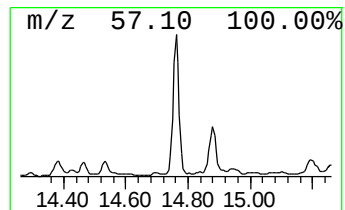
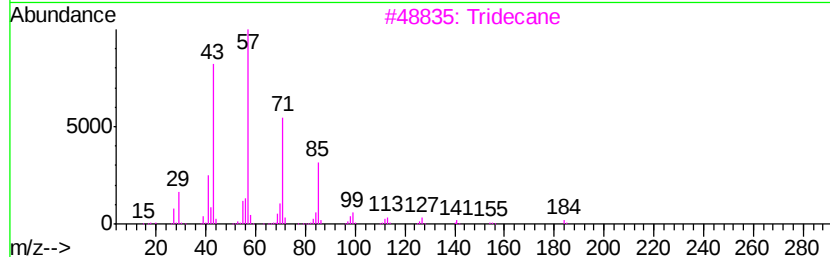
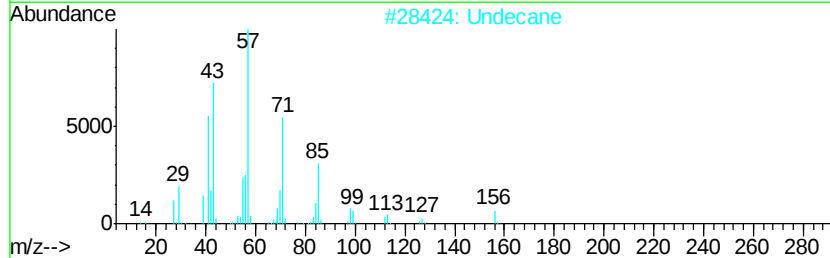
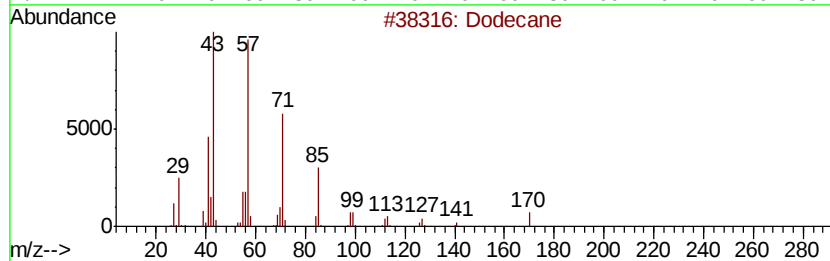
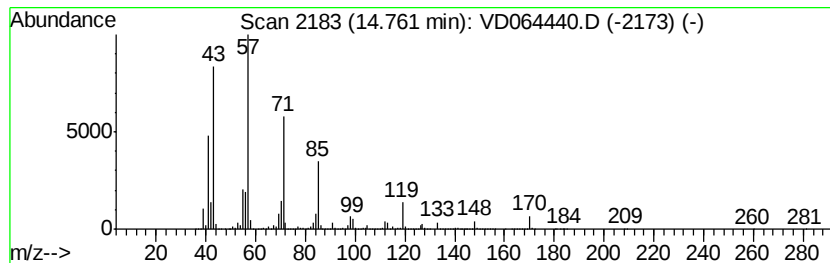
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	832.71 ug/l	27139200	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	90
2	Undecane		156	C11H24	001120-21-4	81
3	Tridecane		184	C13H28	000629-50-5	72
4	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	70
5	Hexadecane		226	C16H34	000544-76-3	64



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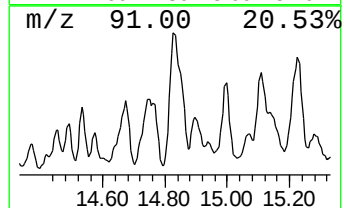
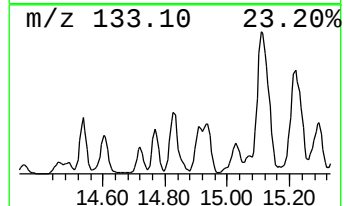
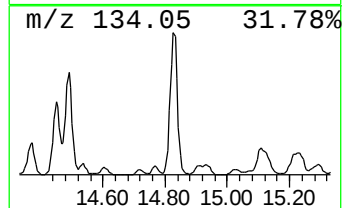
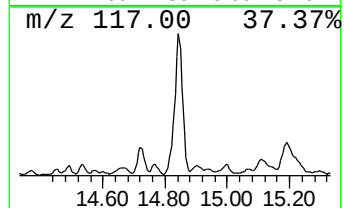
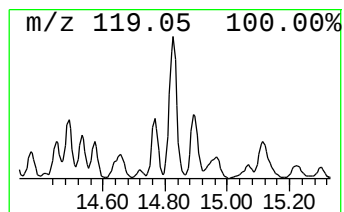
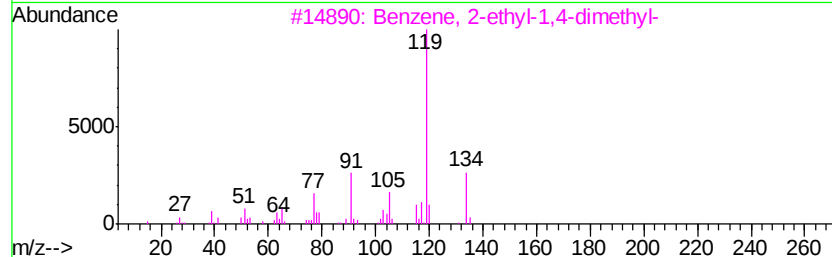
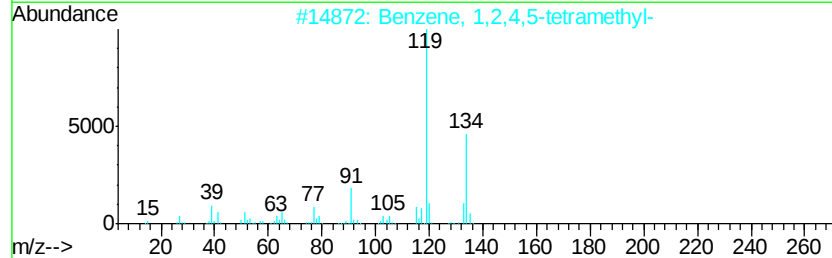
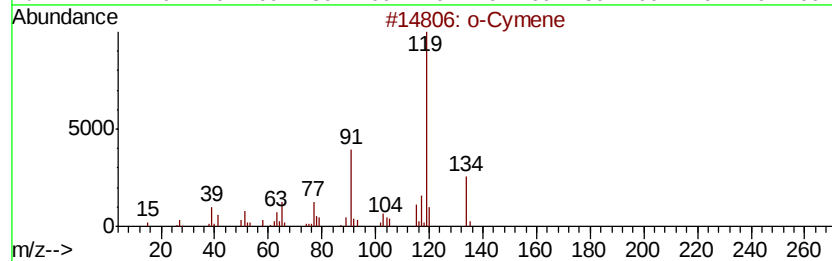
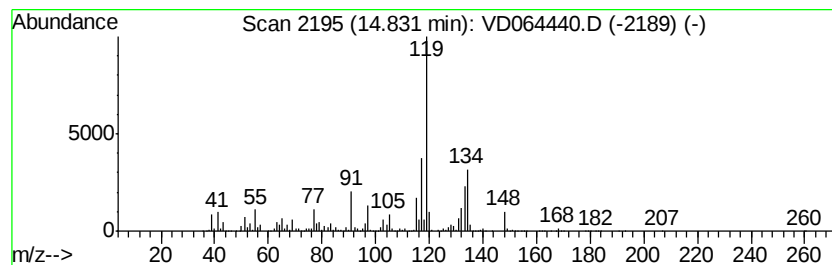
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	397.78 ug/l	12964200	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	64
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60



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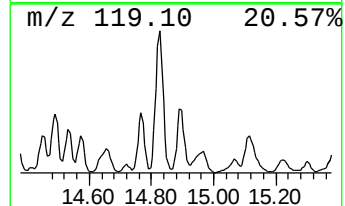
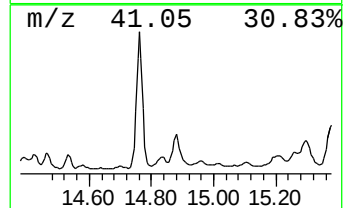
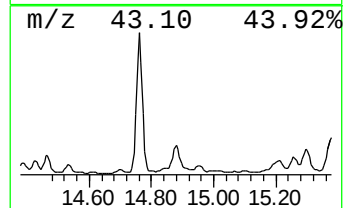
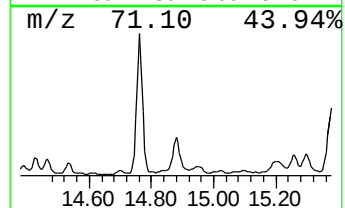
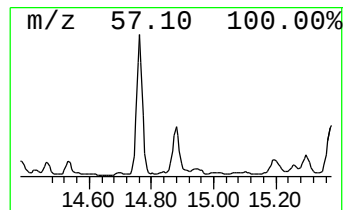
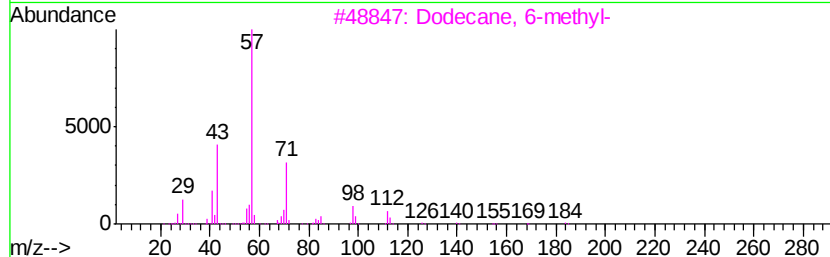
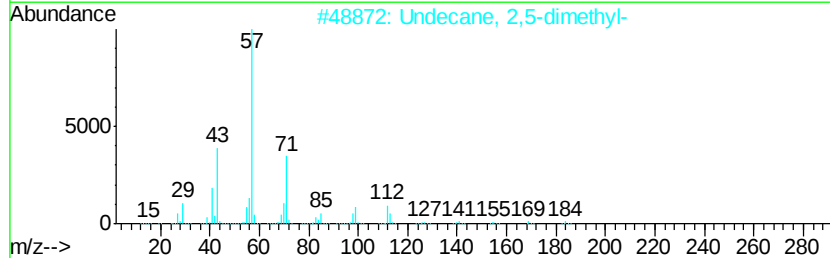
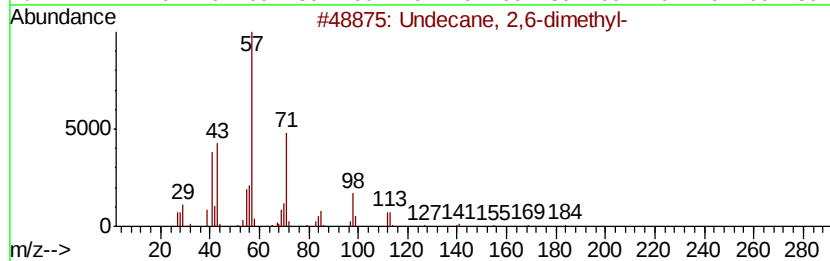
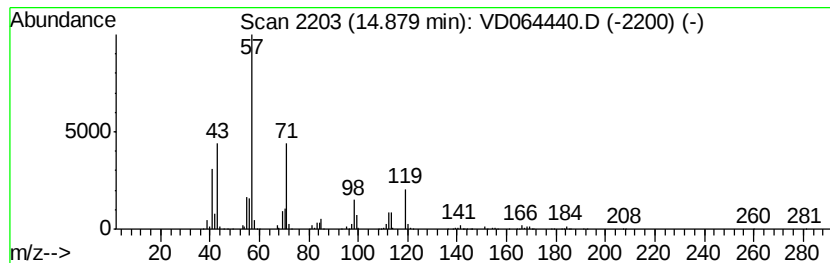
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	272.63 ug/l	8885440	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96	
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70	
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	50	
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	47	
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	47	



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Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BOX-2512

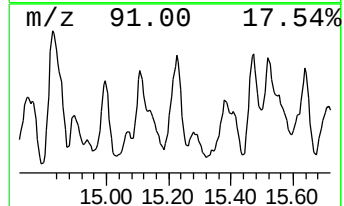
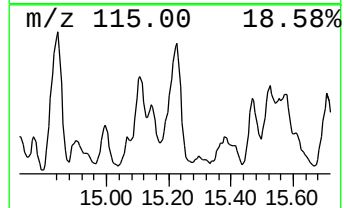
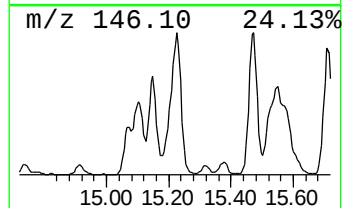
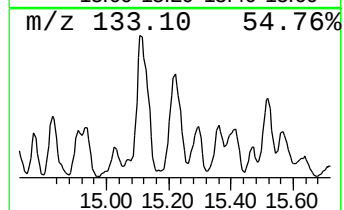
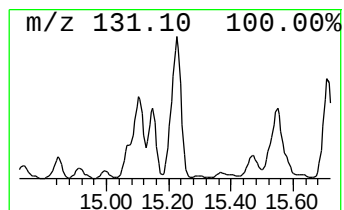
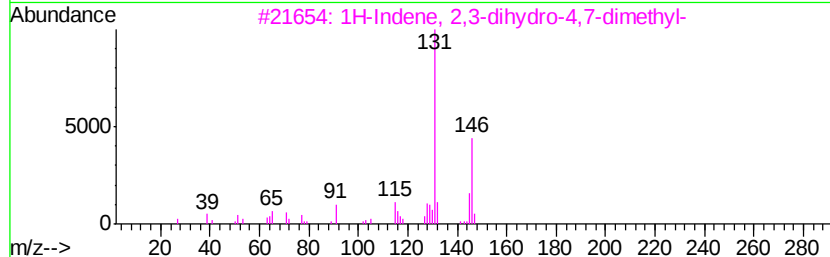
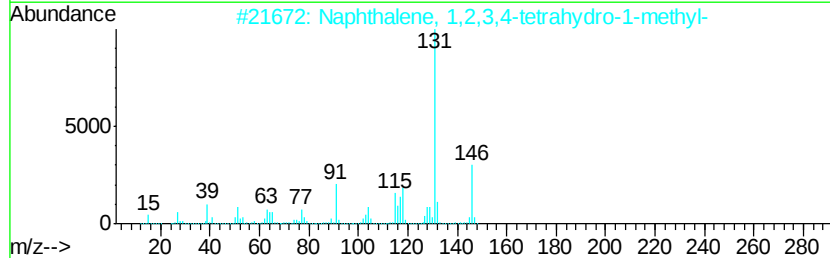
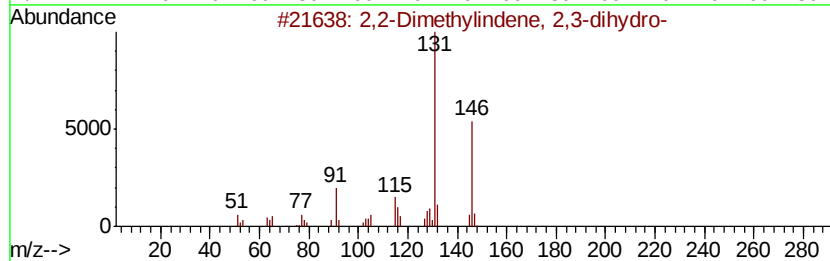
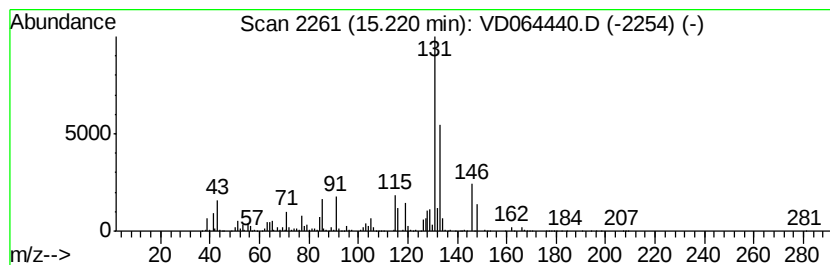
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Quant Title : SW846 8260

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

Peak Number 5 2,2-Dimethylindene, 2,3-dih... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	301.39 ug/l	9822650	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064440.D
Acq On : 05 Dec 2019 17:02
Operator : VA/SY
Sample : K6164-01
Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BOX-2512

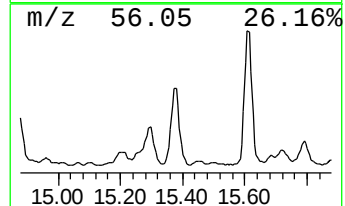
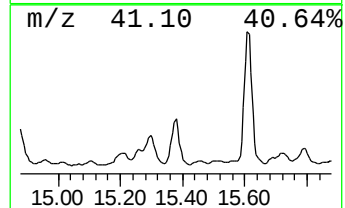
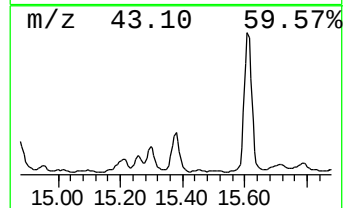
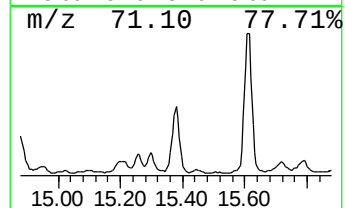
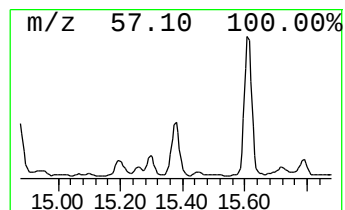
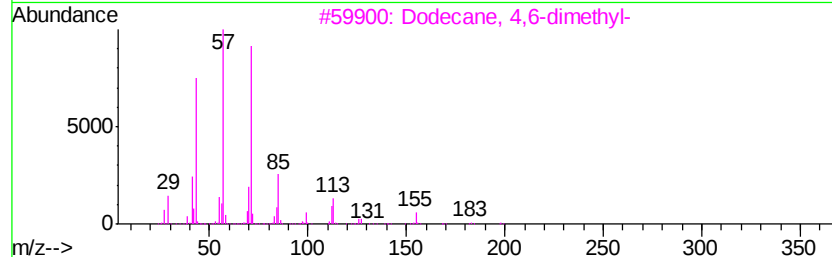
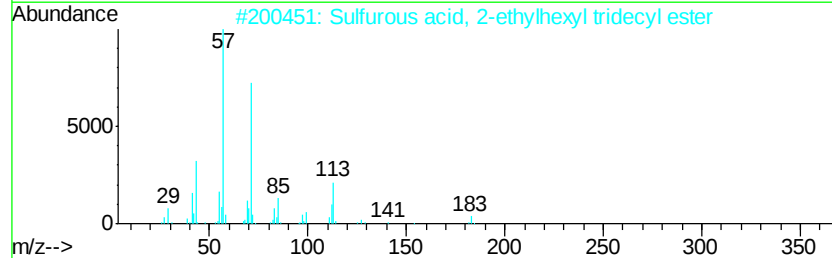
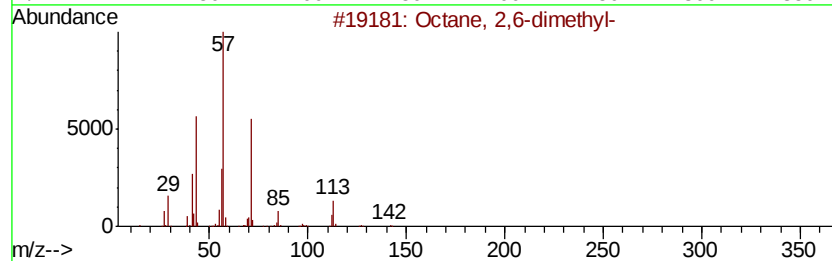
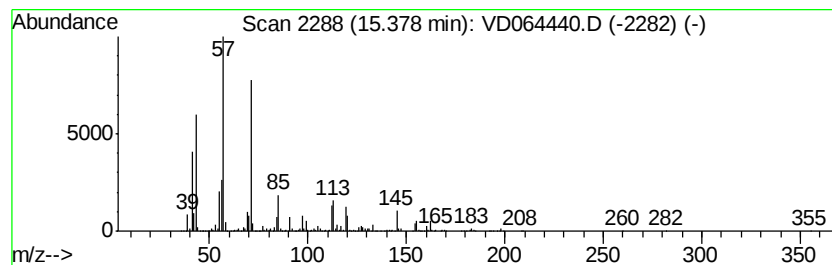
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	412.76 ug/l	13452300	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83	
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64	
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59	
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59	
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064440.D
Acq On : 05 Dec 2019 17:02
Operator : VA/SY
Sample : K6164-01
Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BOX-2512

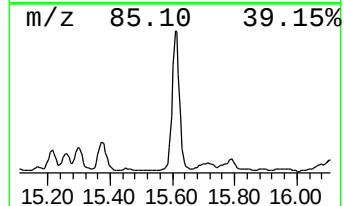
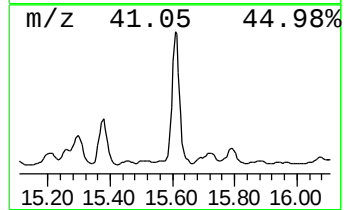
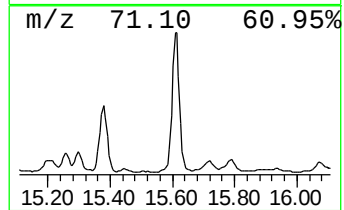
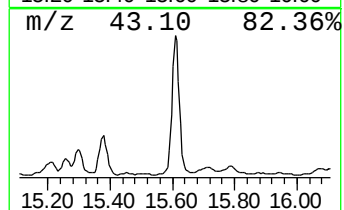
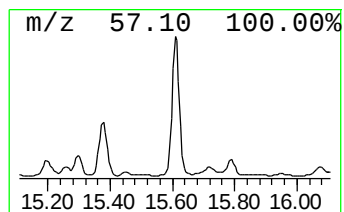
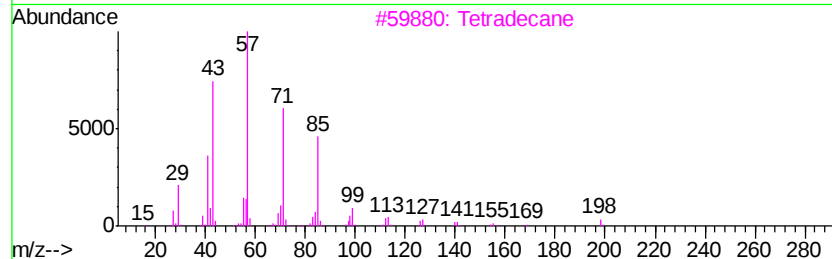
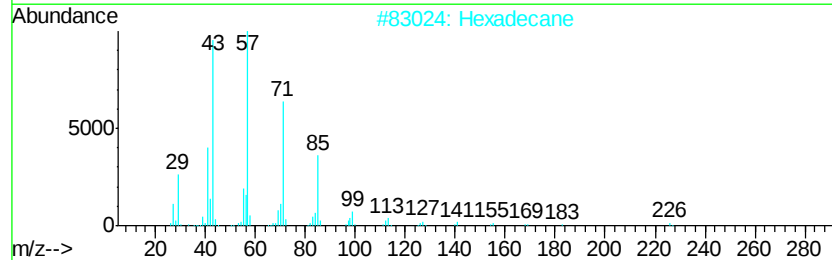
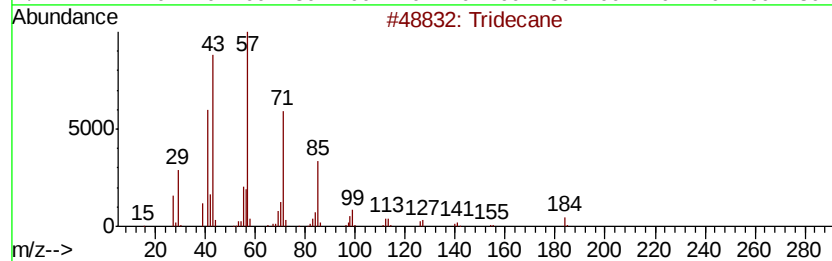
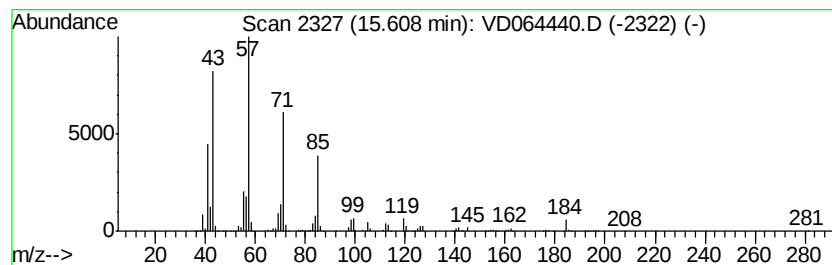
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	966.32 ug/l	31493500	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tetradecane	198	C14H30	000629-59-4	80
4		Dodecane	170	C12H26	000112-40-3	80
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064440.D
Acq On : 05 Dec 2019 17:02
Operator : VA/SY
Sample : K6164-01
Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BOX-2512

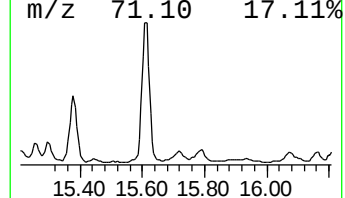
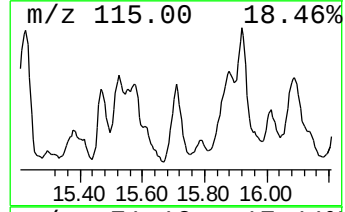
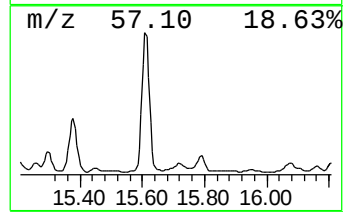
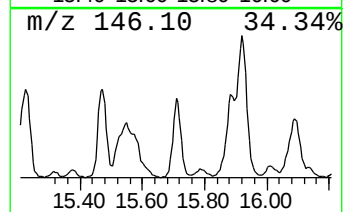
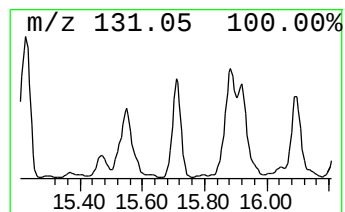
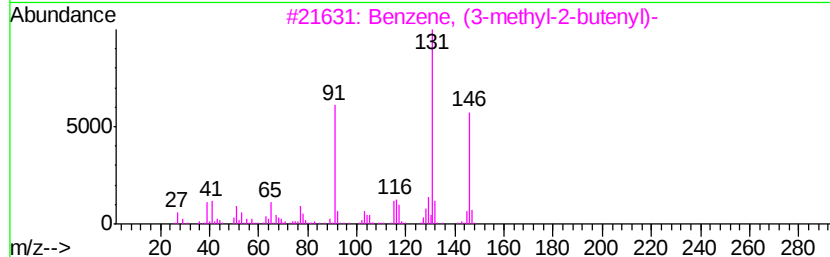
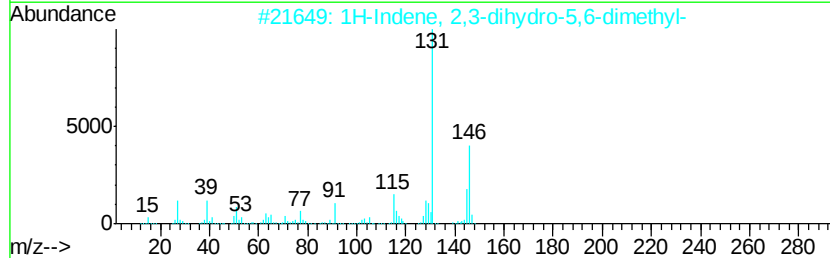
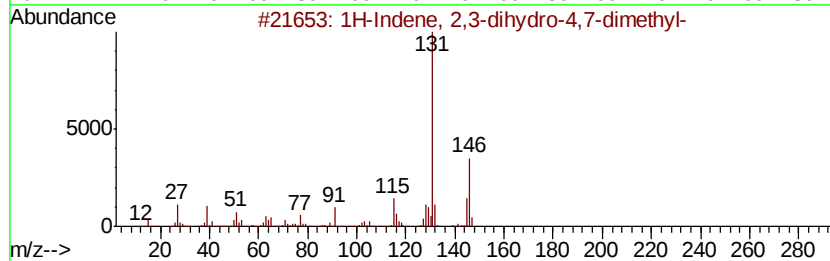
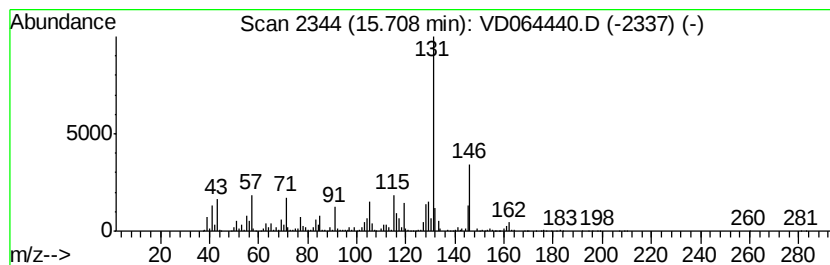
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	312.39 ug/l	10181100	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	83
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064440.D
Acq On : 05 Dec 2019 17:02
Operator : VA/SY
Sample : K6164-01
Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

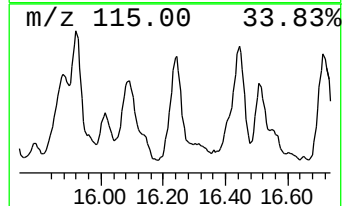
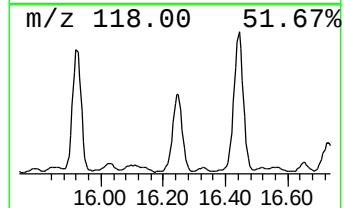
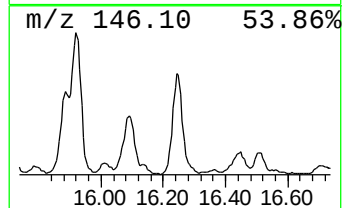
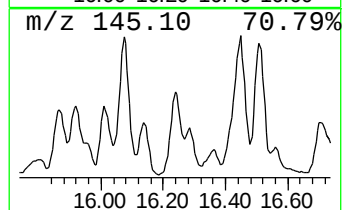
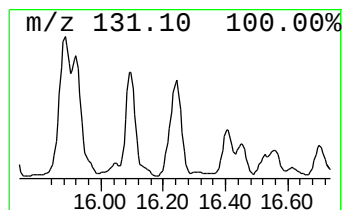
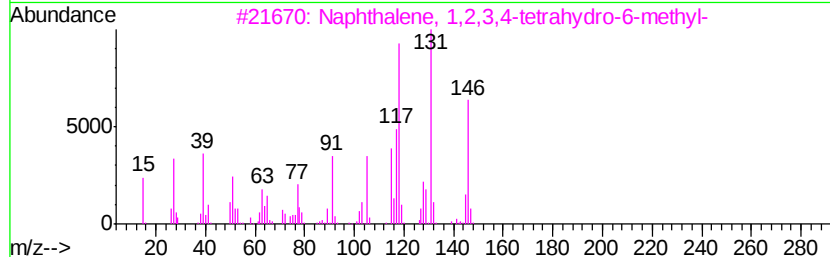
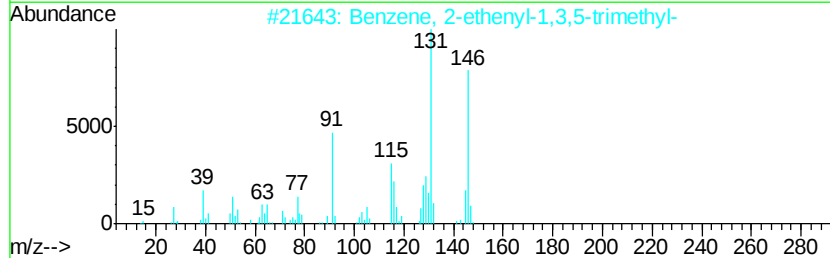
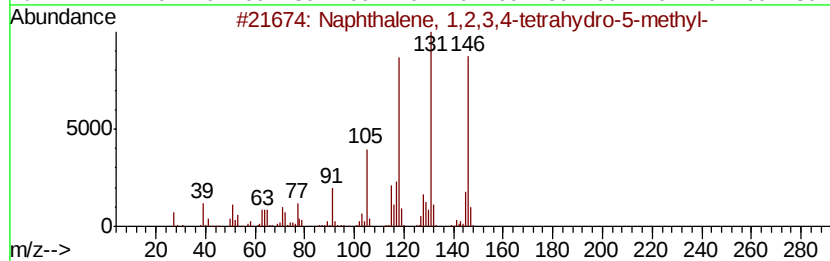
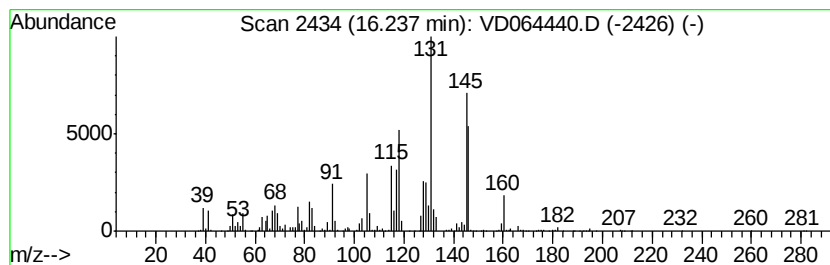
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	303.23 ug/l	9882640	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 62
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 60
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 55
4		1H-Benzimidazole, 2-ethyl-	146 C9H10N2	001848-84-6 49
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064440.D
Acq On : 05 Dec 2019 17:02
Operator : VA/SY
Sample : K6164-01
Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BOX-2512

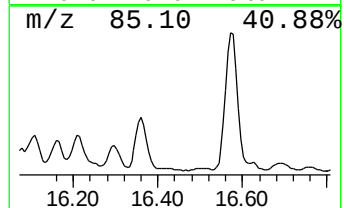
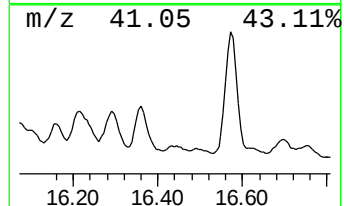
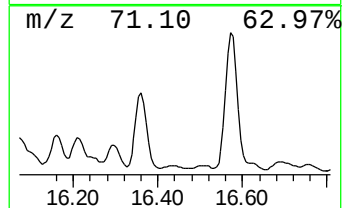
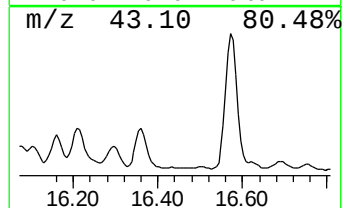
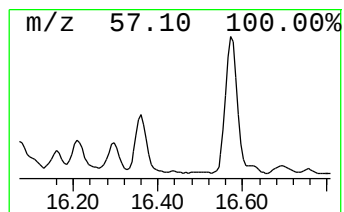
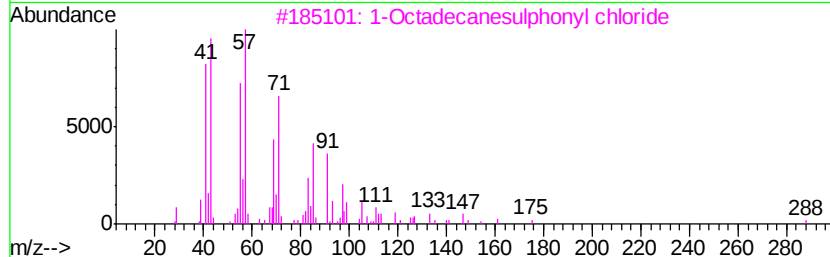
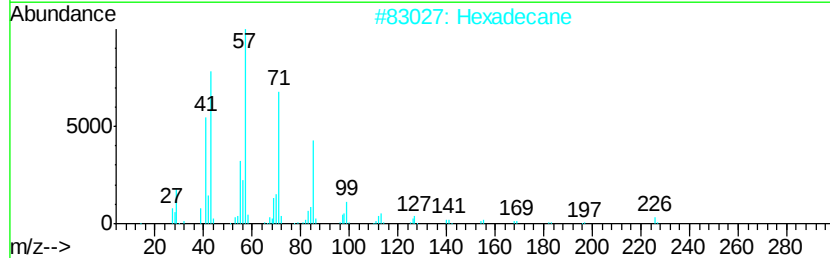
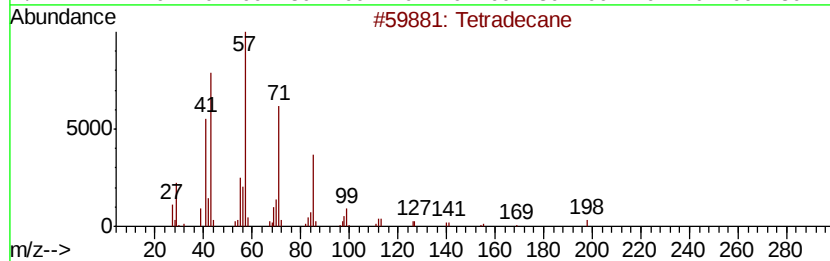
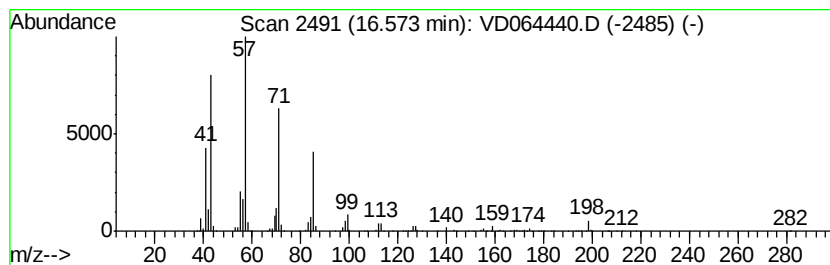
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	340.29 ug/l	11090300	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		1-Octadecanesulphonvl chloride	352	C18H37ClO2S	1000342-70-4	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120519\
Data File : VD064440.D
Acq On : 05 Dec 2019 17:02
Operator : VA/SY
Sample : K6164-01
Misc : 6.34G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BOX-2512

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.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
Undecane	13.90	426.6	ug/l	13902900	4	13.58	1629570	50.0
Dodecane	14.76	832.7	ug/l	27139200	4	13.58	1629570	50.0
Benzene, 1,2,4,5-...	14.83	397.8	ug/l	12964200	4	13.58	1629570	50.0
Undecane, 2,6-dim...	14.88	272.6	ug/l	8885440	4	13.58	1629570	50.0
2,2-Dimethylinden...	15.22	301.4	ug/l	9822650	4	13.58	1629570	50.0
Octane, 2,6-dimet...	15.38	412.8	ug/l	13452300	4	13.58	1629570	50.0
Tridecane	15.61	966.3	ug/l	31493500	4	13.58	1629570	50.0
1H-Indene, 2,3-di...	15.71	312.4	ug/l	10181100	4	13.58	1629570	50.0
Naphthalene, 1,2,...	16.24	303.2	ug/l	9882640	4	13.58	1629570	50.0
Tetradecane	16.57	340.3	ug/l	11090300	4	13.58	1629570	50.0