

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066380.D
 Acq On : 24 Aug 2020 14:47
 Operator : VA/SY
 Sample : L3773-03
 Misc : 1.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRIS

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\82D082120S.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	7.909	1009	1018	1023	rBV2	101800	232263	1.53%	0.125%
2	7.973	1023	1029	1041	rVB	138931	315442	2.07%	0.170%
3	8.326	1077	1089	1099	rVB2	85881	197663	1.30%	0.107%
4	8.856	1171	1179	1190	rBV	194139	403514	2.65%	0.218%
5	10.338	1422	1431	1440	rBV	234819	446266	2.93%	0.241%
6	11.426	1607	1616	1627	rVB4	247946	634429	4.17%	0.342%
7	11.526	1627	1633	1638	rBV	253367	396561	2.61%	0.214%
8	11.644	1647	1653	1664	rVB	190485	360865	2.37%	0.195%
9	11.855	1678	1689	1698	rBV3	1403338	2832068	18.62%	1.528%
10	11.932	1698	1702	1707	rVB2	217728	374183	2.46%	0.202%
11	12.073	1720	1726	1732	rVB3	114217	203509	1.34%	0.110%
12	12.150	1732	1739	1742	rBV4	534987	1125796	7.40%	0.607%
13	12.267	1752	1759	1764	rVB	701355	1078068	7.09%	0.582%
14	12.350	1764	1773	1774	rBV4	403351	653531	4.30%	0.353%
15	12.385	1775	1779	1790	rVV5	675087	1783978	11.73%	0.963%
16	12.473	1790	1794	1796	rVV5	194056	305160	2.01%	0.165%
17	12.561	1799	1809	1811	rVV4	984987	2544800	16.73%	1.373%
18	12.585	1811	1813	1818	rVB	1024137	1202378	7.91%	0.649%
19	12.638	1818	1822	1823	rBV5	263394	341233	2.24%	0.184%
20	12.667	1823	1827	1832	rVB	853104	1258508	8.28%	0.679%
21	12.720	1832	1836	1840	rBV4	210788	296171	1.95%	0.160%
22	12.797	1845	1849	1856	rVB5	454219	982905	6.46%	0.530%
23	12.885	1856	1864	1867	rBV	1832557	3467904	22.80%	1.871%
24	12.950	1867	1875	1882	rVV2	7697952	14392654	94.64%	7.765%
25	13.008	1882	1885	1890	rVB2	833441	1258968	8.28%	0.679%
26	13.120	1890	1904	1909	rBV2	1264247	4061137	26.70%	2.191%
27	13.185	1911	1915	1922	rVV2	2180047	3862866	25.40%	2.084%
28	13.273	1922	1930	1934	rVV	2600075	4903597	32.24%	2.646%
29	13.314	1934	1937	1941	rVV	553918	934916	6.15%	0.504%
30	13.367	1942	1946	1949	rVV2	642573	1192911	7.84%	0.644%
31	13.397	1949	1951	1955	rVV3	623047	856576	5.63%	0.462%
32	13.467	1955	1963	1967	rVV4	2166075	4740001	31.17%	2.557%
33	13.508	1967	1970	1974	rVV2	1741164	2937126	19.31%	1.585%
34	13.544	1974	1976	1979	rVV	1118479	1595497	10.49%	0.861%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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35	13.579	1979	1982	1984	rVV	1661850	2399870	15.78%	1.295%
36	13.608	1984	1987	1991	rVV	1732329	2722801	17.90%	1.469%
37	13.649	1991	1994	1999	rVV2	1529847	2166808	14.25%	1.169%
38	13.773	2000	2015	2019	rVV2	2892327	7080887	46.56%	3.820%
39	13.814	2019	2022	2031	rVV3	2078340	4386512	28.84%	2.367%
40	13.897	2031	2036	2042	rVV	9358397	15208210	100.00%	8.205%
41	13.944	2042	2044	2046	rVV2	1129145	1473739	9.69%	0.795%
42	13.973	2047	2049	2053	rVV	1458312	2462177	16.19%	1.328%
43	14.061	2057	2064	2069	rVV3	2080223	5890353	38.73%	3.178%
44	14.120	2070	2074	2078	rVV	2287853	3990544	26.24%	2.153%
45	14.161	2078	2081	2087	rVV3	914862	1707241	11.23%	0.921%
46	14.232	2087	2093	2098	rVV2	2404367	4153069	27.31%	2.241%
47	14.291	2098	2103	2109	rVV6	811731	1919862	12.62%	1.036%
48	14.414	2110	2124	2128	rVV6	3212225	9794759	64.40%	5.285%
49	14.455	2128	2131	2134	rVV4	1618900	2773881	18.24%	1.497%
50	14.485	2134	2136	2140	rVV	1353447	1709936	11.24%	0.923%
51	14.526	2140	2143	2147	rVV	1921541	2700329	17.76%	1.457%
52	14.573	2147	2151	2157	rVV3	1403731	2431582	15.99%	1.312%
53	14.632	2157	2161	2164	rVV3	808844	1408465	9.26%	0.760%
54	14.667	2164	2167	2171	rVV	1106100	1757940	11.56%	0.948%
55	14.720	2171	2176	2177	rVV2	1419505	2152914	14.16%	1.162%
56	14.755	2178	2182	2188	rVV3	4894492	7806624	51.33%	4.212%
57	14.832	2188	2195	2200	rVV4	3151561	7834264	51.51%	4.227%
58	14.879	2200	2203	2211	rVB4	1823513	3555770	23.38%	1.918%
59	14.991	2217	2222	2228	rVB	1711968	3086085	20.29%	1.665%
60	15.096	2236	2240	2244	rVB3	904829	1357613	8.93%	0.732%
61	15.214	2253	2260	2268	rBV5	969860	2513780	16.53%	1.356%
62	15.373	2281	2287	2297	rBV4	959483	2408620	15.84%	1.300%
63	15.461	2298	2302	2307	rVB	633709	942265	6.20%	0.508%
64	15.514	2307	2311	2315	rBV	659545	1198754	7.88%	0.647%
65	15.602	2322	2326	2335	rVB2	1585177	3034023	19.95%	1.637%
66	15.708	2335	2344	2351	rBV3	659730	1879227	12.36%	1.014%
67	15.785	2353	2357	2363	rVV7	370126	696587	4.58%	0.376%
68	15.873	2365	2372	2374	rVV4	402447	883363	5.81%	0.477%
69	15.914	2374	2379	2388	rVB	1264071	2526991	16.62%	1.363%
70	16.232	2425	2433	2440	rBV	572302	1429208	9.40%	0.771%
71	16.438	2462	2468	2474	rVB2	455560	951615	6.26%	0.513%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	16.502	2474	2479	2485	rBV3	245314	474435	3.12%	0.256%
73	16.714	2509	2515	2521	rBV6	122702	299680	1.97%	0.162%

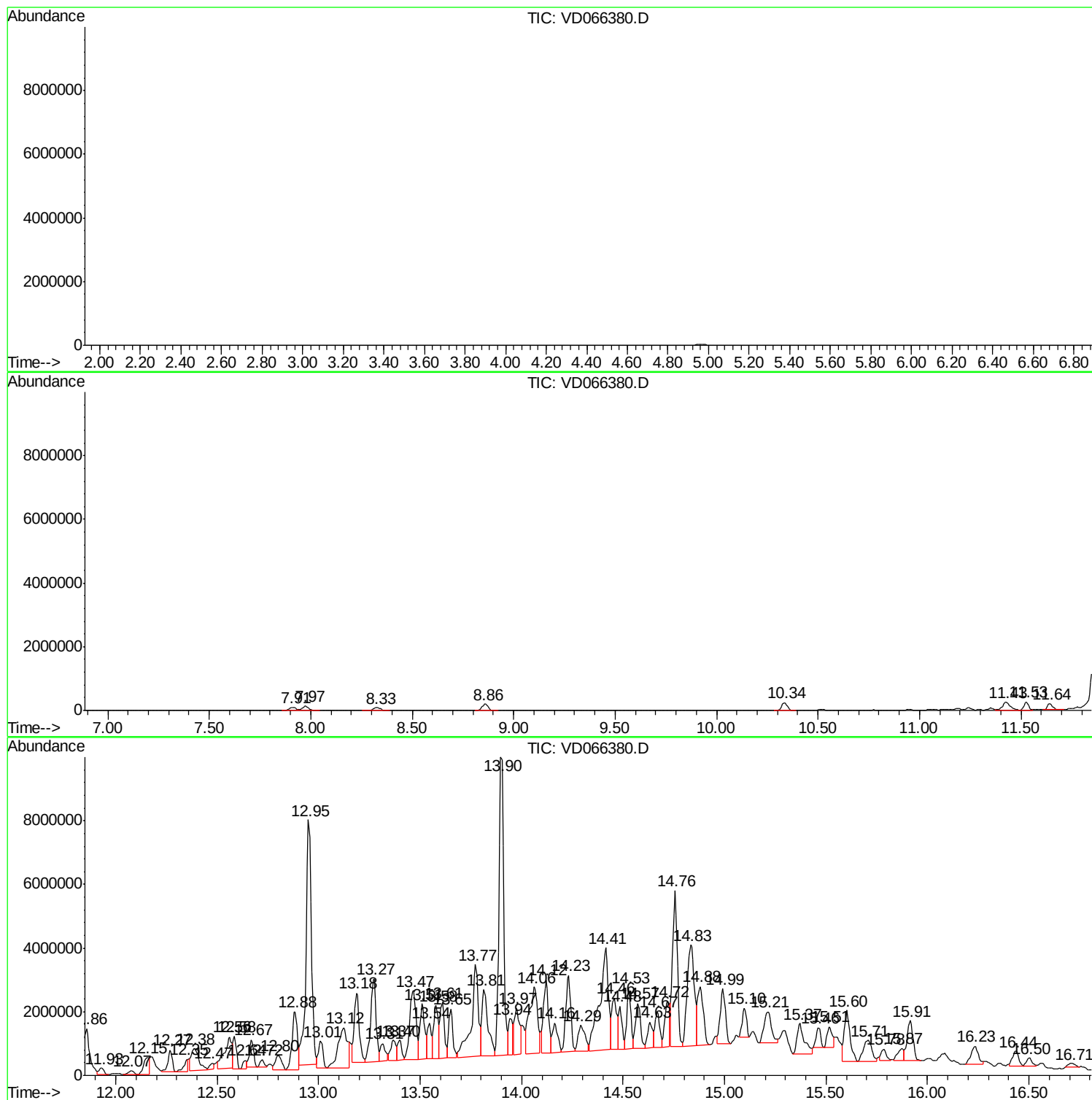
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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



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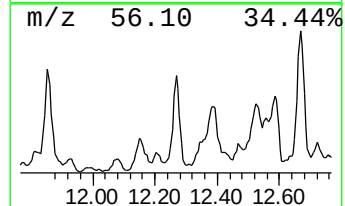
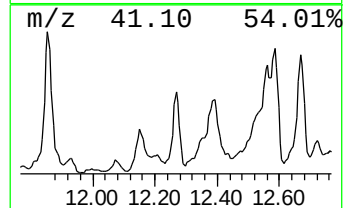
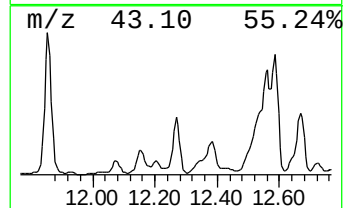
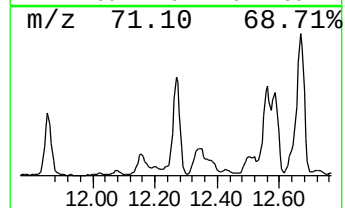
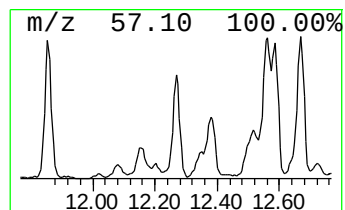
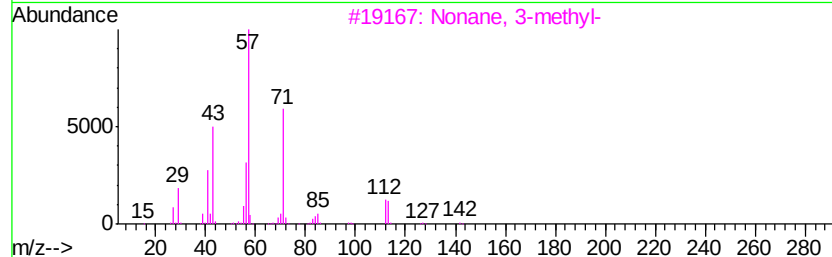
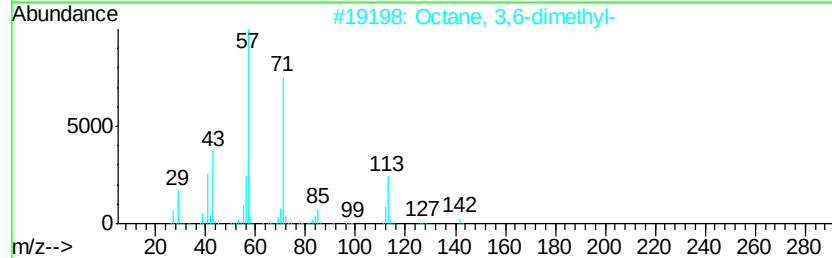
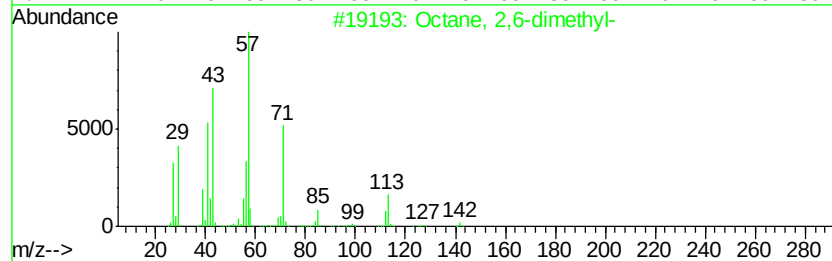
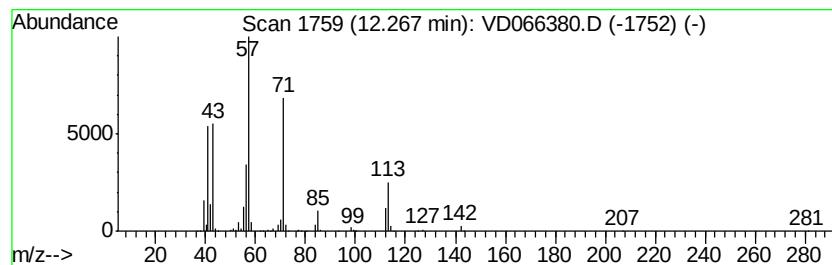
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.27	149.37 ug/l	1078070	Chlorobenzene-d5	11.64		
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	87	
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72	
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53	
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47	



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Misc : 1.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

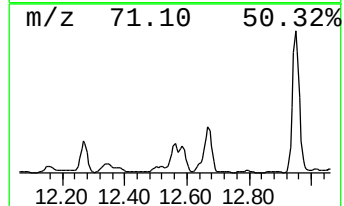
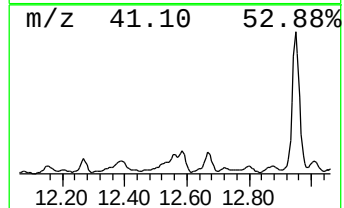
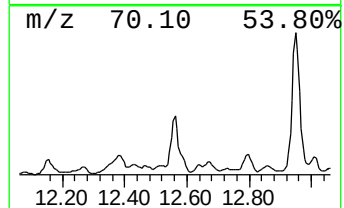
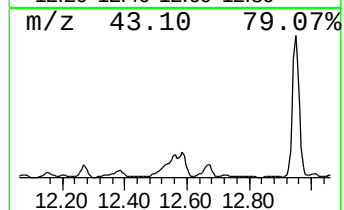
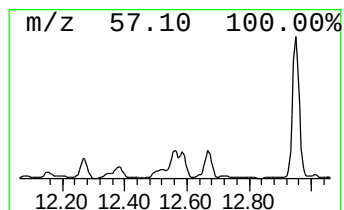
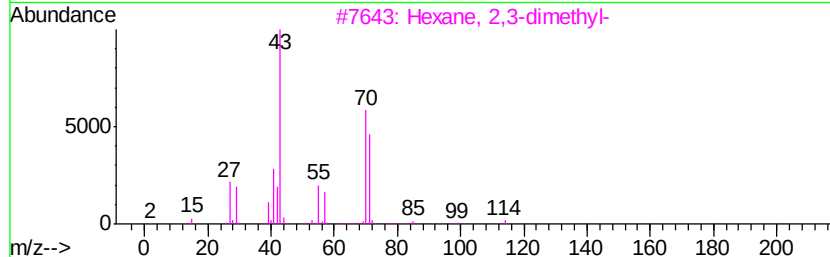
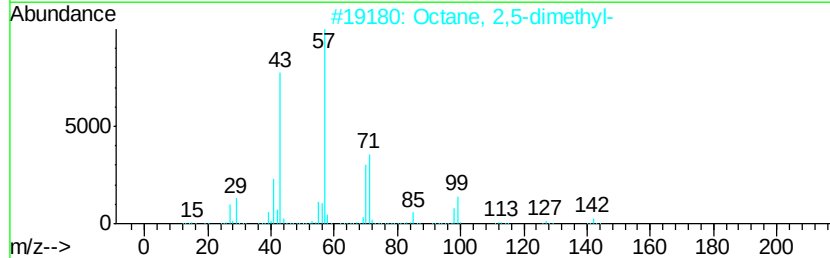
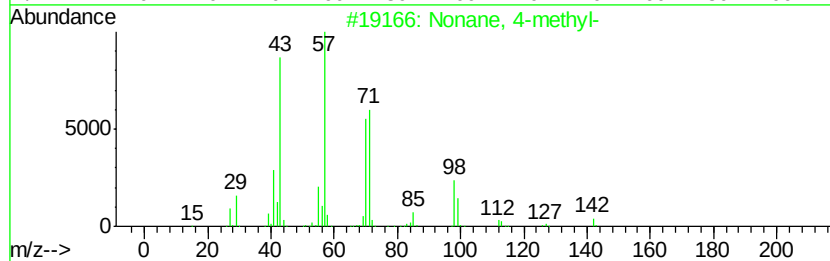
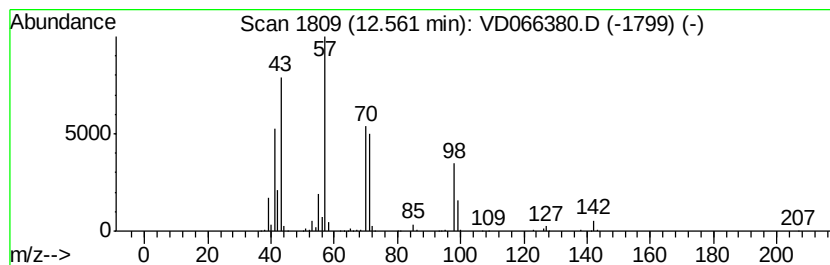
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Quant Title : SW846 8260

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

Peak Number 3 Nonane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.56	352.60 ug/l	2544800	Chlorobenzene-d5	11.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	78	
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58	
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53	
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50	
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	50	



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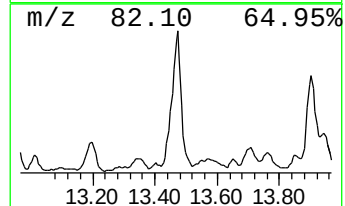
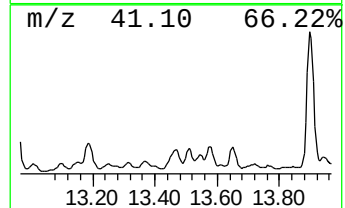
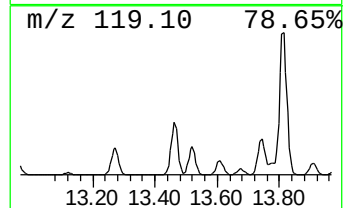
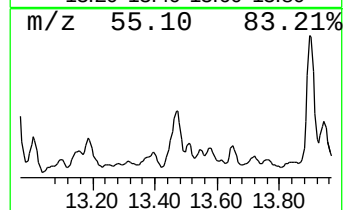
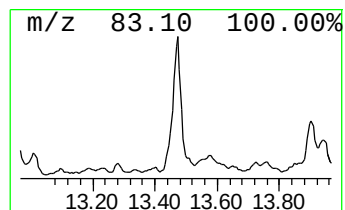
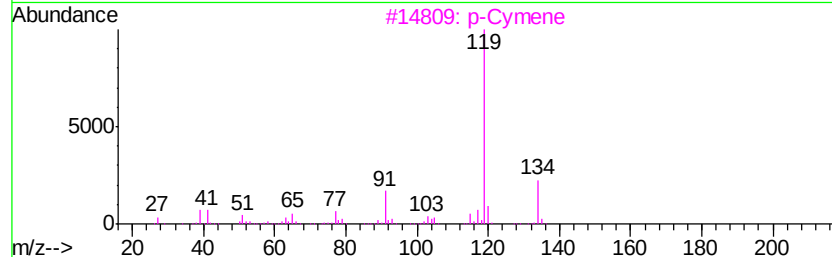
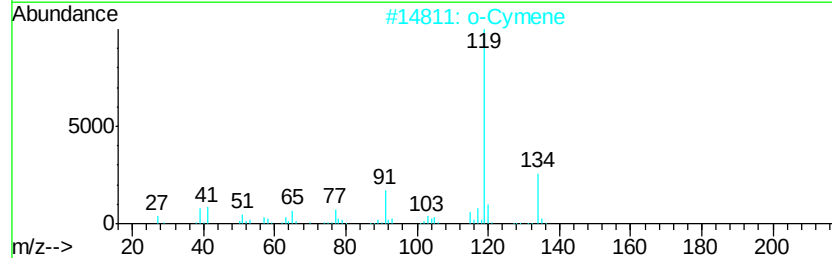
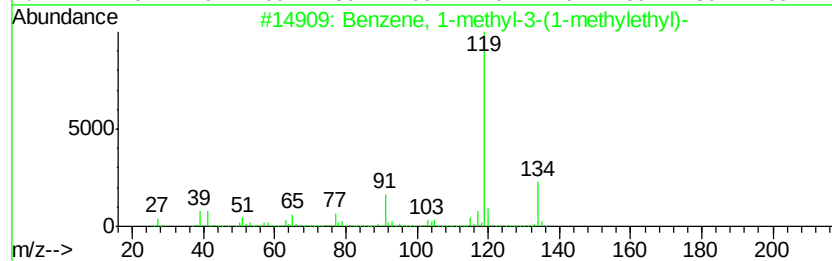
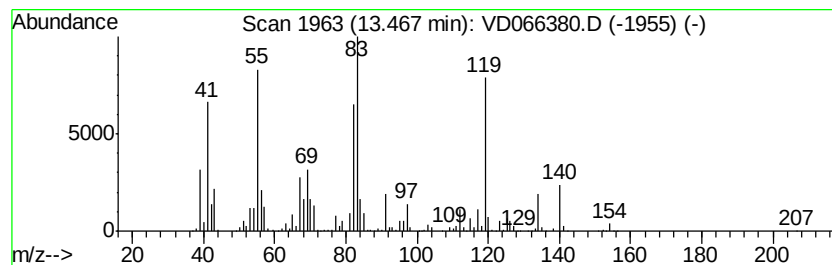
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	98.76 ug/l	4740000	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
2		o-Cymene	134	C10H14	000527-84-4	70
3		p-Cymene	134	C10H14	000099-87-6	70
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	46
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	35



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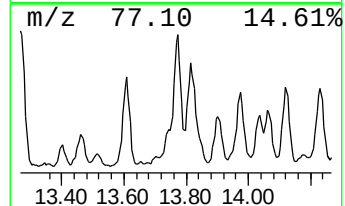
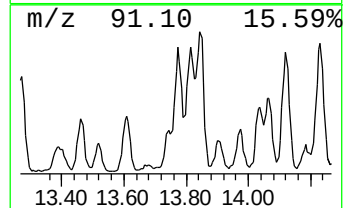
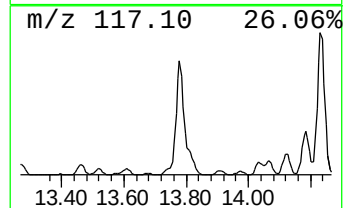
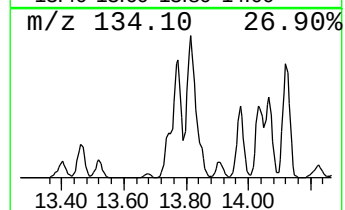
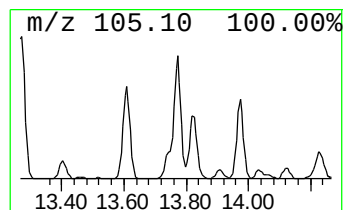
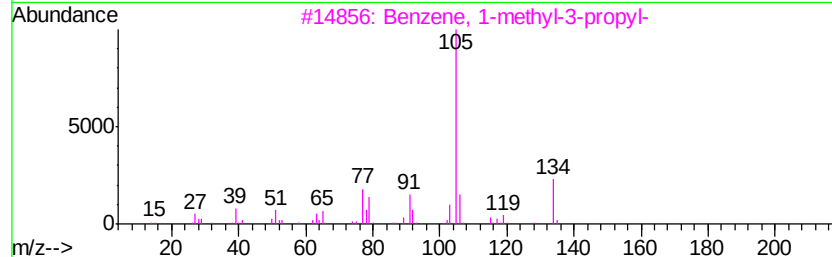
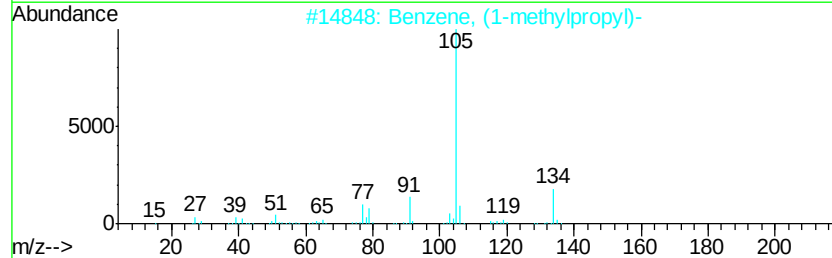
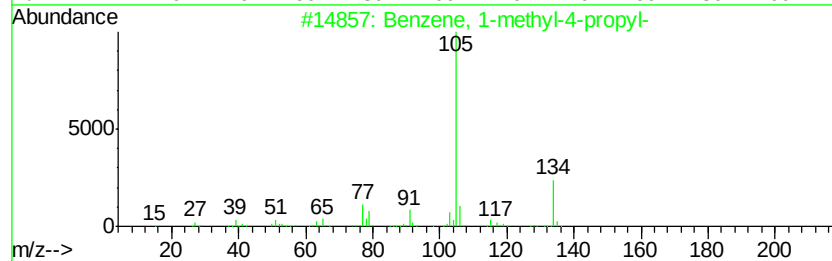
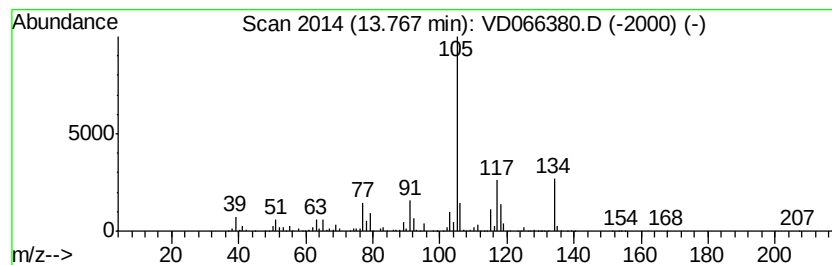
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	147.53 ug/l	7080890	1,4-Dichlorobenzene-d4	13.58

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50
4	2-Tolyloxirane	134	C9H10O	002783-26-8	50
5	2-Indanol	134	C9H10O	004254-29-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066380.D
Acq On : 24 Aug 2020 14:47
Operator : VA/SY
Sample : L3773-03
Misc : 1.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

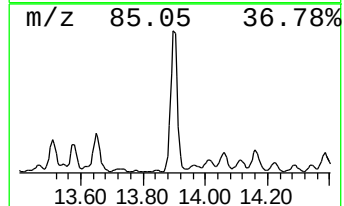
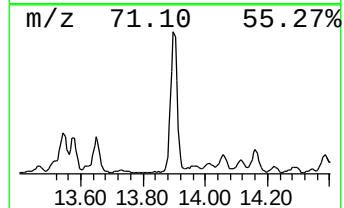
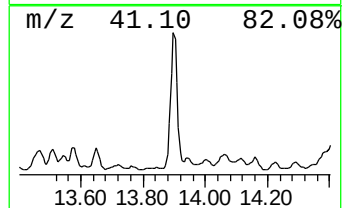
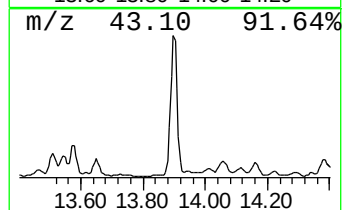
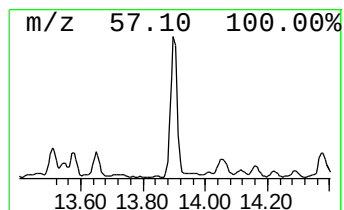
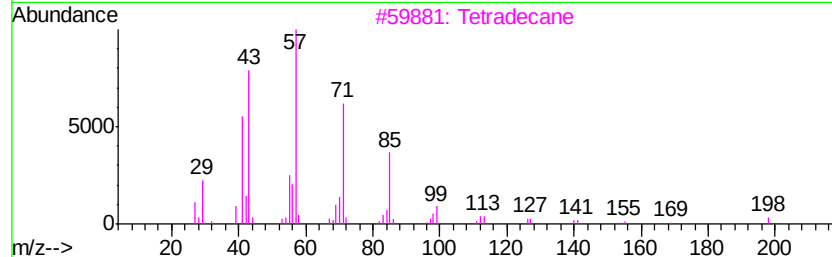
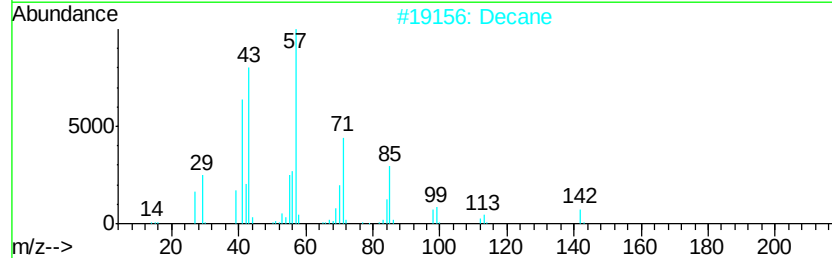
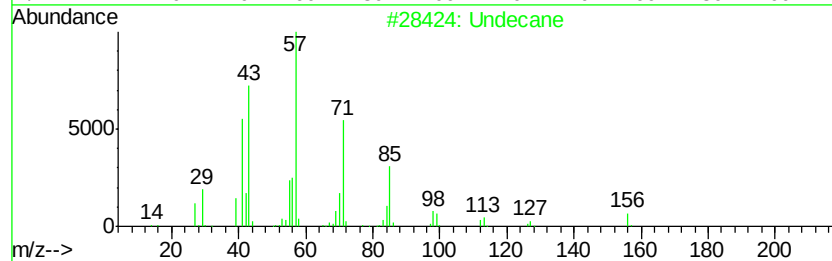
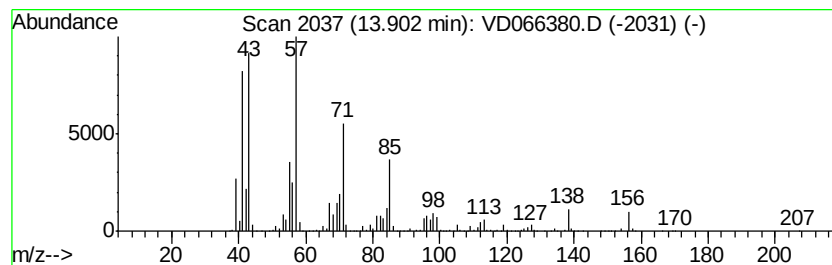
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRIS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 6 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.90	316.86 ug/l	15208200	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	96
2	Decane		142	C10H22	000124-18-5	80
3	Tetradecane		198	C14H30	000629-59-4	72
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	64
5	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066380.D
Acq On : 24 Aug 2020 14:47
Operator : VA/SY
Sample : L3773-03
Misc : 1.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

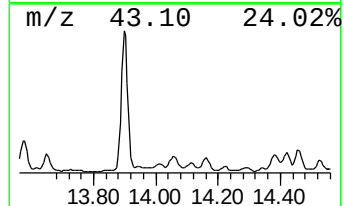
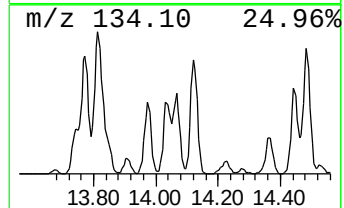
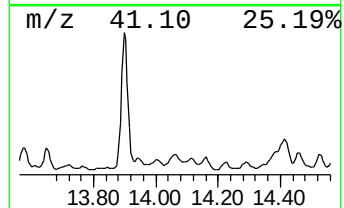
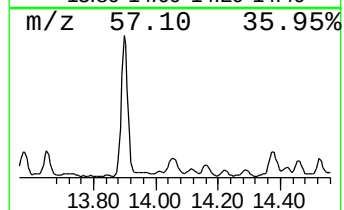
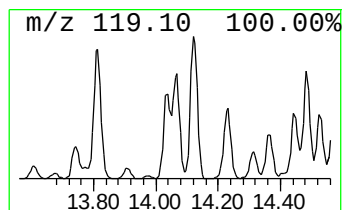
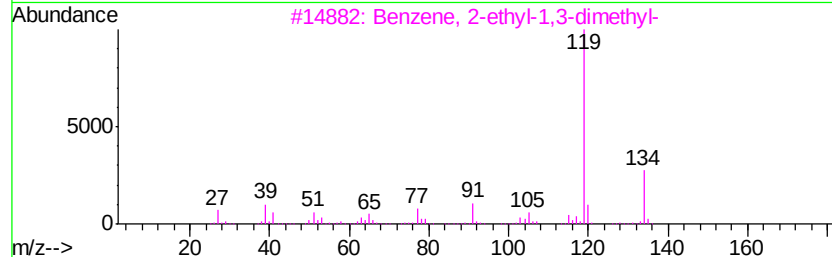
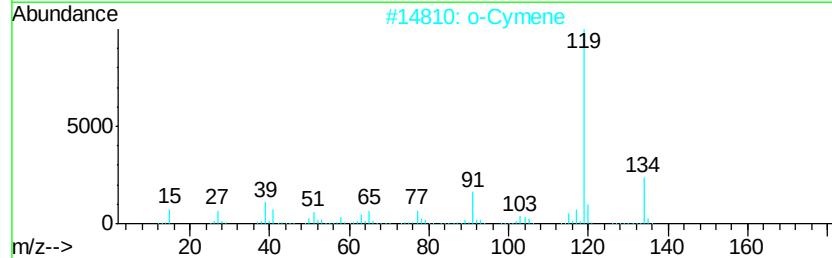
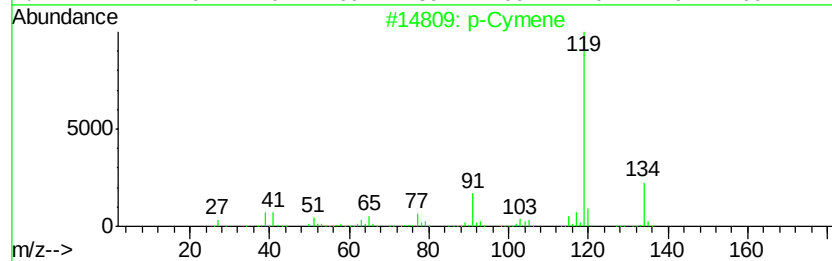
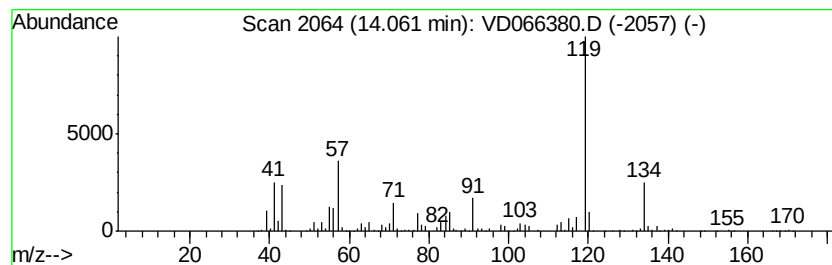
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 7 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	122.72 ug/l	5890350	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134 C10H14	000099-87-6	93
2	o-Cymene	134 C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4	81
4	Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7	81
5	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066380.D
Acq On : 24 Aug 2020 14:47
Operator : VA/SY
Sample : L3773-03
Misc : 1.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRIS

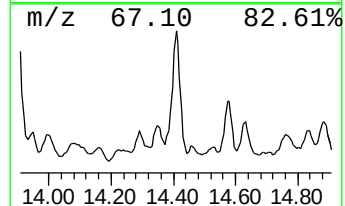
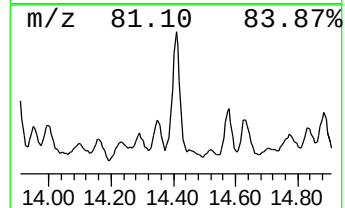
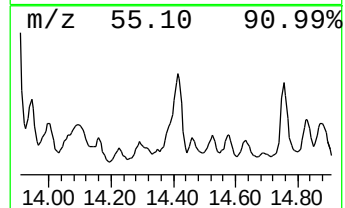
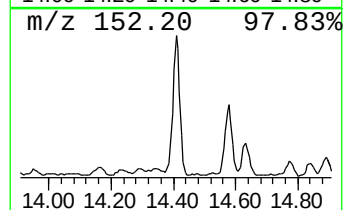
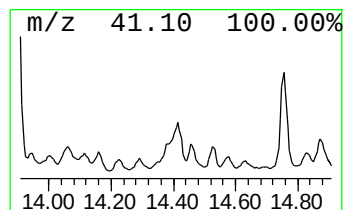
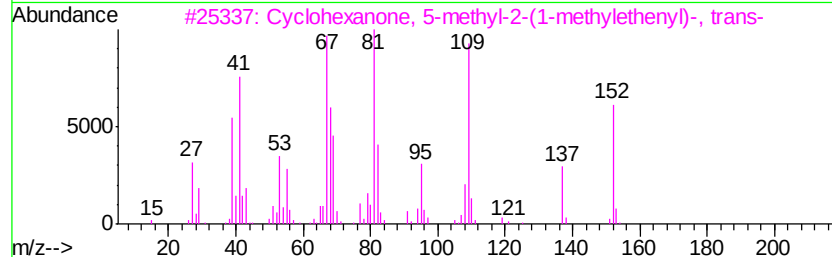
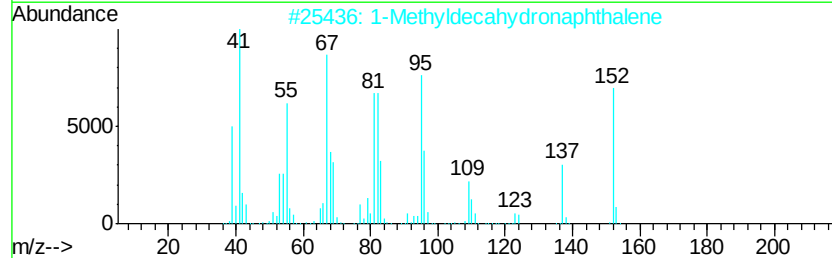
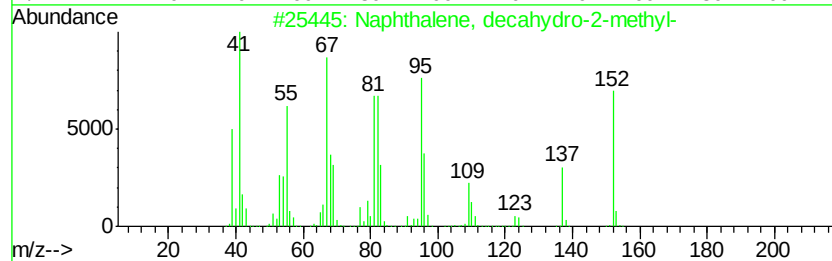
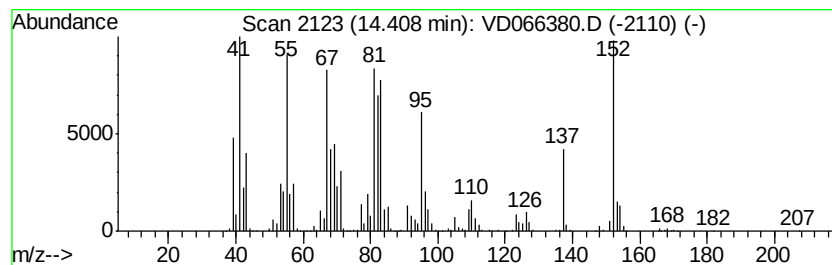
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.41 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	204.07 ug/l	9794760	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	46
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	42
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	38
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066380.D
Acq On : 24 Aug 2020 14:47
Operator : VA/SY
Sample : L3773-03
Misc : 1.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRIS

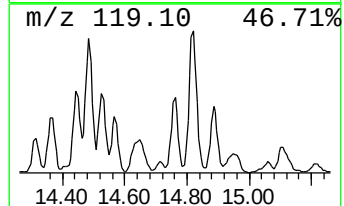
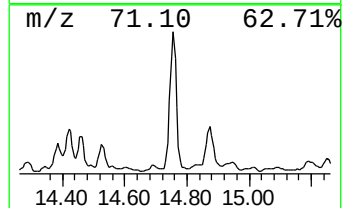
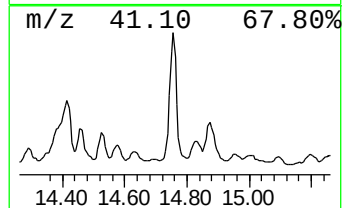
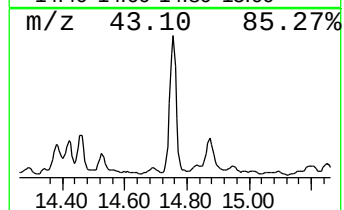
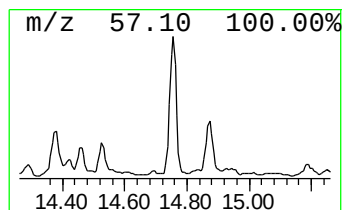
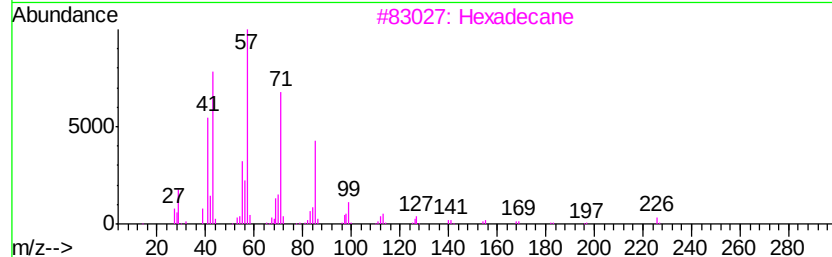
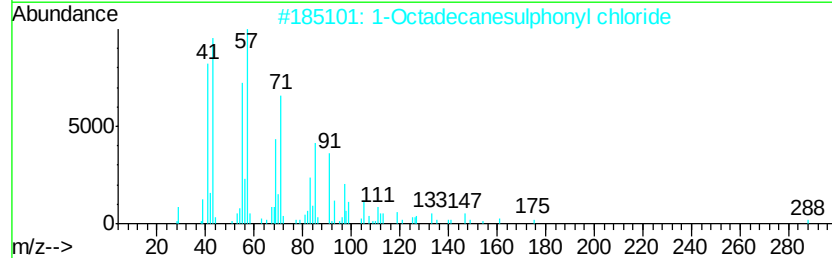
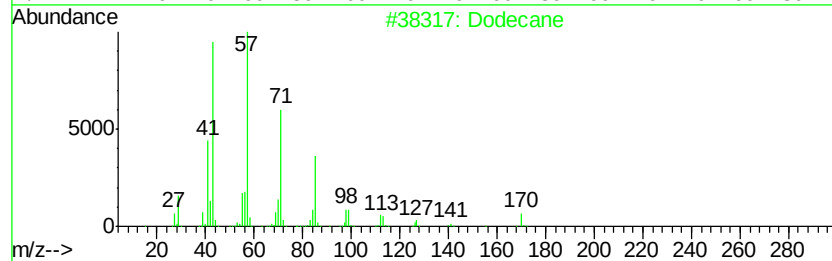
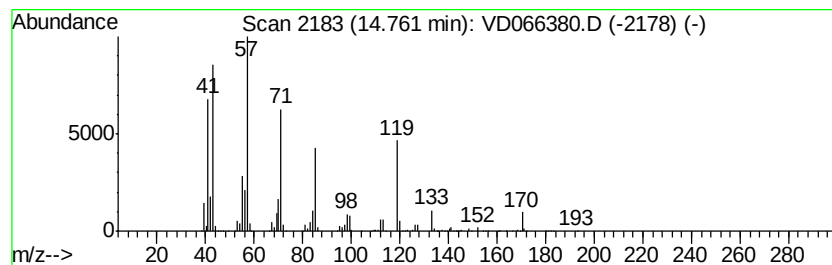
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	162.65 ug/l	7806620	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Undecane	156	C11H24	001120-21-4	64
5		Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066380.D
Acq On : 24 Aug 2020 14:47
Operator : VA/SY
Sample : L3773-03
Misc : 1.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

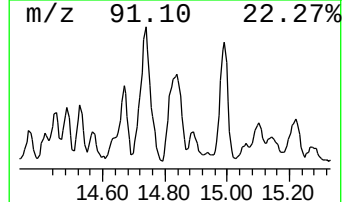
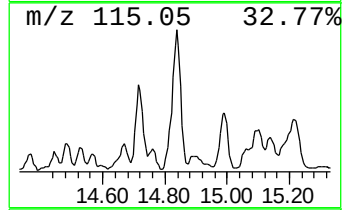
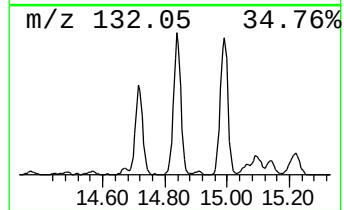
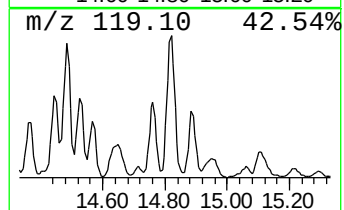
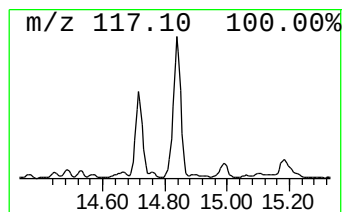
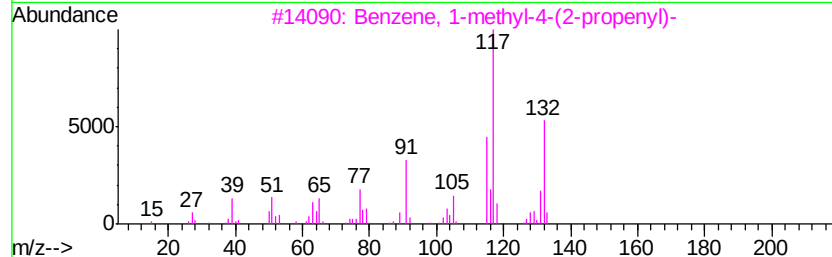
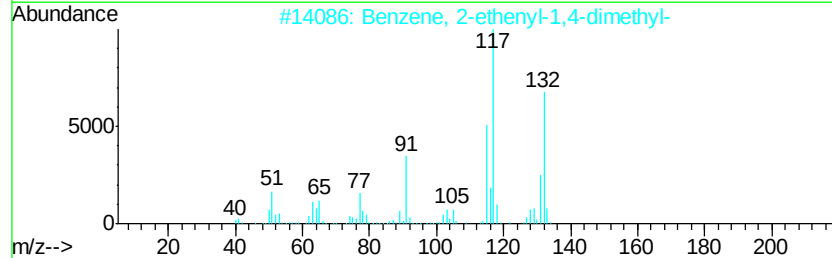
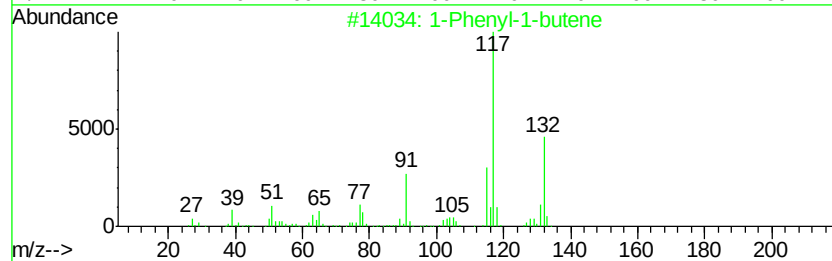
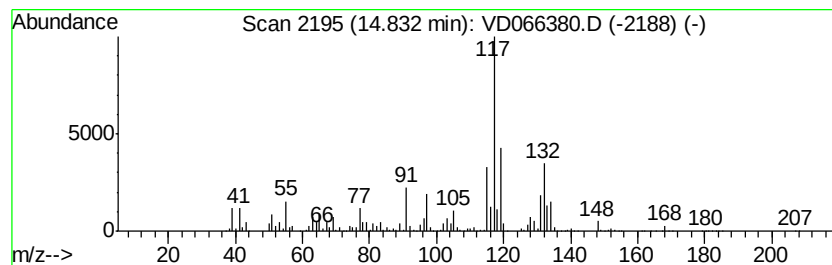
Instrument :
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ClientSampleId :
OILY-DEBRIS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 10 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.83	163.22 ug/l	7834260	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082420\
Data File : VD066380.D
Acq On : 24 Aug 2020 14:47
Operator : VA/SY
Sample : L3773-03
Misc : 1.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.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, 2,6-dimet...	12.27	149.4	ug/l	1078070	3	11.64	360865	50.0
Nonane, 4-methyl-	12.56	352.6	ug/l	2544800	3	11.64	360865	50.0
Benzene, 1-methyl...	13.47	98.8	ug/l	4740000	4	13.58	2399870	50.0
Benzene, 1-methyl...	13.77	147.5	ug/l	7080890	4	13.58	2399870	50.0
Undecane	13.90	316.9	ug/l	15208200	4	13.58	2399870	50.0
p-Cymene	14.06	122.7	ug/l	5890350	4	13.58	2399870	50.0
unknown14.41	14.41	204.1	ug/l	9794760	4	13.58	2399870	50.0
Dodecane	14.76	162.7	ug/l	7806620	4	13.58	2399870	50.0
1-Phenyl-1-butene	14.83	163.2	ug/l	7834260	4	13.58	2399870	50.0