

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062707.D
 Acq On : 14 Jun 2019 13:29
 Operator : VA/AP
 Sample : K3366-01
 Misc : 5.22g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-SOIL

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\82D060719S.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	1.828	38	41	46	rVB4	28446	61018	1.17%	0.173%
2	3.226	178	183	190	rBV	81062	231245	4.43%	0.655%
3	5.746	431	439	448	rBV3	52156	191581	3.67%	0.542%
4	6.928	553	559	566	rBV3	69041	228524	4.38%	0.647%
5	7.046	566	571	582	rVB	96215	290588	5.57%	0.823%
6	7.459	606	613	617	rBV	80066	214925	4.12%	0.608%
7	7.528	617	620	627	rVB2	26185	74730	1.43%	0.212%
8	8.040	666	672	682	rBV3	42411	137898	2.64%	0.390%
9	8.217	684	690	698	rBV	147782	368952	7.07%	1.045%
10	8.345	698	703	711	rVB3	28798	74112	1.42%	0.210%
11	8.582	722	727	739	rBV	105030	292906	5.61%	0.829%
12	8.877	752	757	763	rBV4	26941	74475	1.43%	0.211%
13	10.117	878	883	891	rVB2	21679	62452	1.20%	0.177%
14	10.413	906	913	919	rBV2	99373	248386	4.76%	0.703%
15	10.511	919	923	927	rVB	49245	101989	1.95%	0.289%
16	10.787	946	951	960	rVB2	70361	154370	2.96%	0.437%
17	11.240	991	997	1004	rBV4	18364	66109	1.27%	0.187%
18	11.830	1053	1057	1062	rBV2	31788	63066	1.21%	0.179%
19	12.076	1076	1082	1084	rBV3	32171	76562	1.47%	0.217%
20	12.185	1089	1093	1101	rVB2	69645	176780	3.39%	0.500%
21	12.313	1101	1106	1108	rBV	57094	104517	2.00%	0.296%
22	12.362	1108	1111	1117	rVB	192999	334188	6.40%	0.946%
23	12.539	1125	1129	1133	rBV3	50601	136619	2.62%	0.387%
24	12.657	1133	1141	1147	rVV4	168824	556746	10.67%	1.576%
25	12.736	1147	1149	1156	rVB	213100	356928	6.84%	1.011%
26	13.002	1172	1176	1178	rBV2	56515	117728	2.26%	0.333%
27	13.051	1178	1181	1183	rVV	109979	178155	3.41%	0.504%
28	13.090	1183	1185	1189	rVB2	37866	66989	1.28%	0.190%
29	13.218	1194	1198	1201	rVB3	55534	101081	1.94%	0.286%
30	13.307	1201	1207	1214	rBV5	51614	154017	2.95%	0.436%
31	13.484	1220	1225	1227	rBV3	42273	99573	1.91%	0.282%
32	13.553	1227	1232	1234	rBV2	143051	265498	5.09%	0.752%
33	13.661	1241	1243	1246	rVB	94436	113901	2.18%	0.322%
34	13.711	1246	1248	1251	rVB3	36872	52773	1.01%	0.149%

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35	13.848	1257	1262	1264	rBV3	56859	104838	2.01%	0.297%
36	13.898	1264	1267	1269	rVV2	116519	222808	4.27%	0.631%
37	13.966	1271	1274	1277	rVB	651664	863152	16.54%	2.444%
38	14.114	1285	1289	1291	rBV4	34320	53071	1.02%	0.150%
39	14.163	1291	1294	1296	rBV	54884	77985	1.49%	0.221%
40	14.203	1296	1298	1300	rBV	140367	150204	2.88%	0.425%
41	14.242	1300	1302	1307	rVB2	132820	255514	4.90%	0.723%
42	14.321	1307	1310	1312	rBV2	86728	130606	2.50%	0.370%
43	14.370	1312	1315	1319	rVB4	65981	128002	2.45%	0.362%
44	14.439	1319	1322	1324	rBV2	118603	177983	3.41%	0.504%
45	14.518	1327	1330	1332	rBV	378282	470952	9.02%	1.333%
46	14.547	1332	1333	1335	rBV2	139050	161992	3.10%	0.459%
47	14.587	1335	1337	1339	rVB	239202	294341	5.64%	0.833%
48	14.646	1341	1343	1345	rBV	277715	319983	6.13%	0.906%
49	14.675	1345	1346	1350	rVB	115065	160627	3.08%	0.455%
50	14.734	1350	1352	1354	rVB	77359	99331	1.90%	0.281%
51	14.774	1354	1356	1358	rBV	103219	174473	3.34%	0.494%
52	14.803	1358	1359	1364	rVB4	81016	101002	1.94%	0.286%
53	14.882	1364	1367	1371	rBV	2106067	2768591	53.05%	7.838%
54	14.941	1371	1373	1375	rVB2	118773	165408	3.17%	0.468%
55	15.020	1375	1381	1386	rBV4	316129	1048042	20.08%	2.967%
56	15.118	1389	1391	1395	rBV2	263929	472781	9.06%	1.339%
57	15.177	1395	1397	1398	rVB	72269	80334	1.54%	0.227%
58	15.236	1398	1403	1405	rVB4	239795	469698	9.00%	1.330%
59	15.286	1405	1408	1409	rBV2	617476	818357	15.68%	2.317%
60	15.315	1409	1411	1414	rVV	745010	1028594	19.71%	2.912%
61	15.355	1414	1415	1417	rVV	329196	318812	6.11%	0.903%
62	15.384	1417	1418	1421	rVV	711824	887286	17.00%	2.512%
63	15.443	1421	1424	1429	rVB4	608302	1340792	25.69%	3.796%
64	15.512	1429	1431	1434	rVB2	163534	207074	3.97%	0.586%
65	15.601	1434	1440	1442	rBV5	226387	675392	12.94%	1.912%
66	15.650	1442	1445	1448	rBV	4386200	5218984	100.00%	14.776%
67	15.699	1448	1450	1452	rVV2	344400	652545	12.50%	1.847%
68	15.748	1452	1455	1458	rVV	1248009	1686870	32.32%	4.776%
69	15.807	1458	1461	1464	rVB2	760054	1091023	20.90%	3.089%
70	16.014	1479	1482	1484	rBV3	263081	565173	10.83%	1.600%
71	16.053	1484	1486	1487	rVV	429494	542610	10.40%	1.536%

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72	16.083	1487	1489	1492	rVB	587973	721819	13.83%	2.044%
73	16.142	1492	1495	1500	rBV3	1113573	1537833	29.47%	4.354%
74	16.309	1508	1512	1515	rBV	1171602	1671405	32.03%	4.732%
75	16.388	1515	1520	1521	rVV4	232879	564175	10.81%	1.597%
76	16.418	1521	1523	1528	rVB4	263341	471658	9.04%	1.335%
77	16.487	1528	1530	1531	rBV	93324	123578	2.37%	0.350%
78	16.733	1553	1555	1557	rVB2	121677	160150	3.07%	0.453%
79	16.782	1557	1560	1564	rVV6	58542	138846	2.66%	0.393%
80	16.831	1564	1565	1568	rVB3	42308	57039	1.09%	0.161%
81	16.989	1579	1581	1585	rVB5	44349	60153	1.15%	0.170%

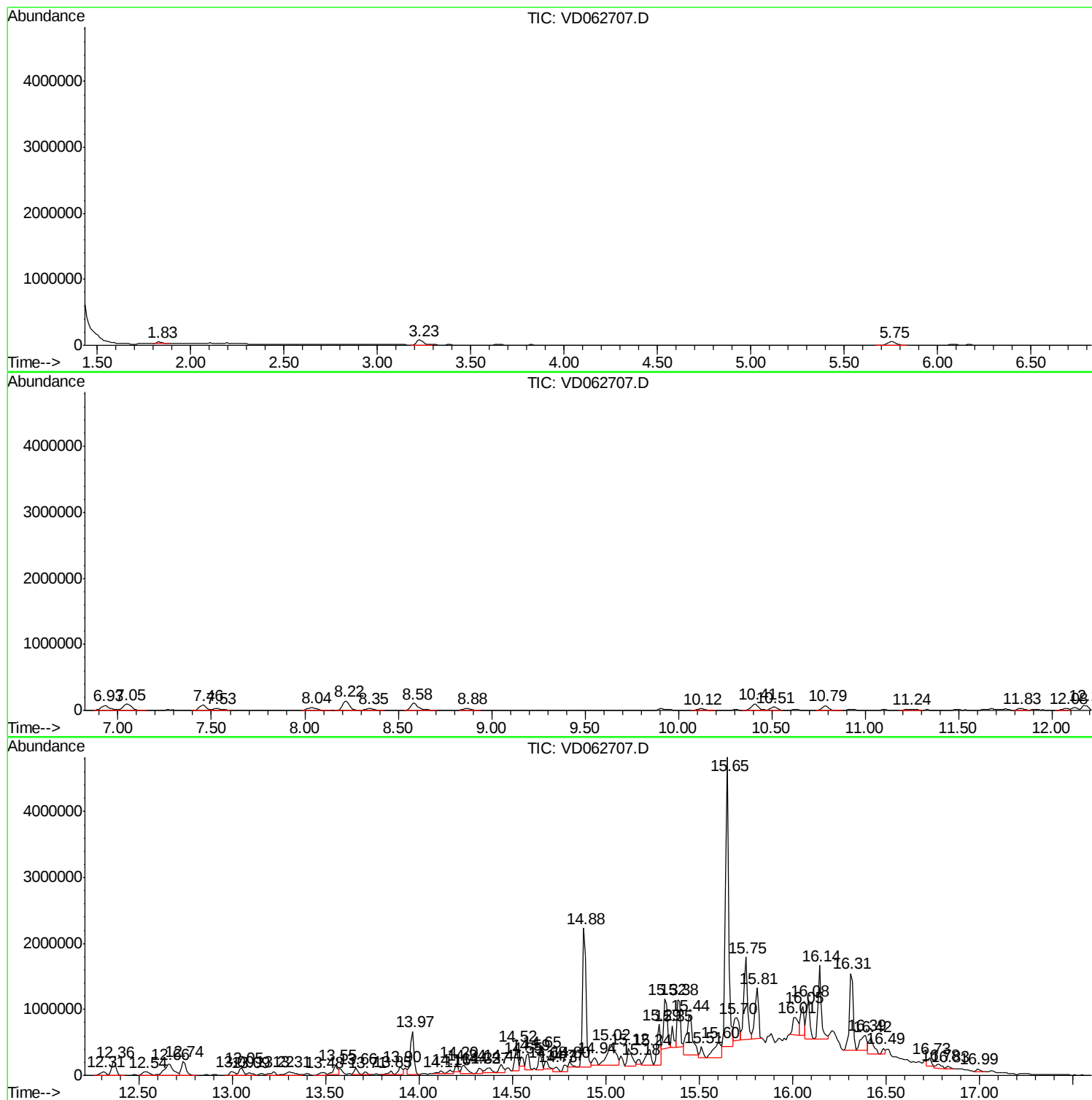
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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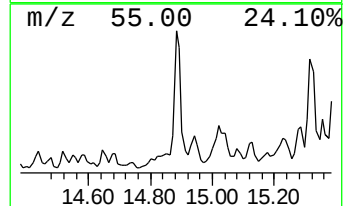
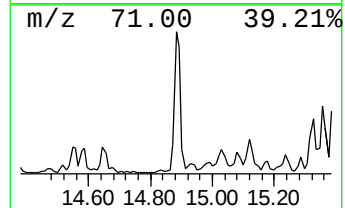
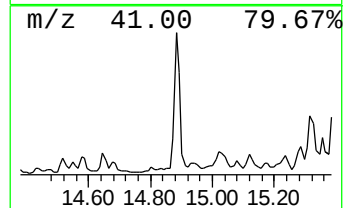
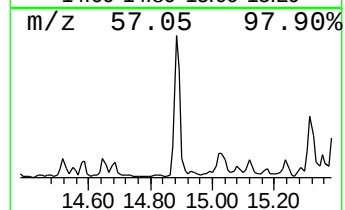
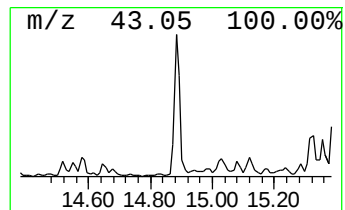
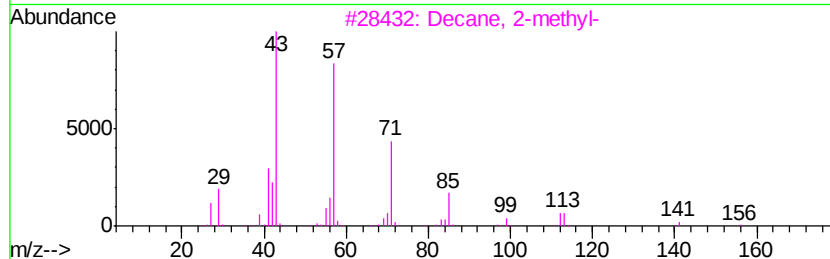
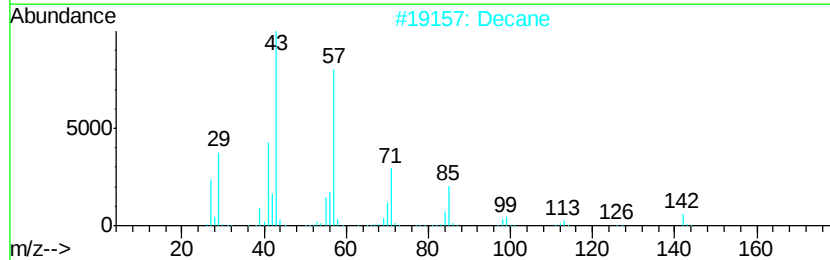
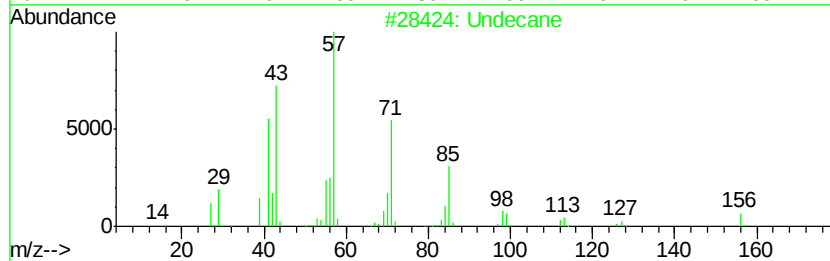
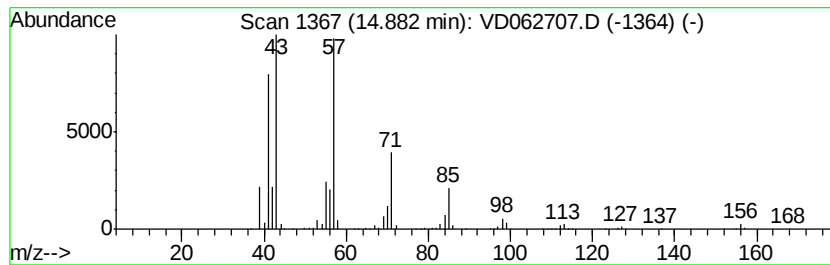
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	293.94 ug/l	2768590	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	90
2	Decane	142 C10H22	000124-18-5	78
3	Decane, 2-methyl-	156 C11H24	006975-98-0	64
4	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	53
5	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	53



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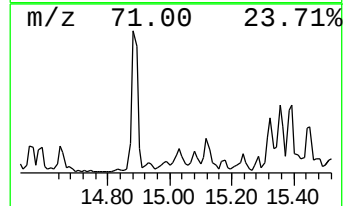
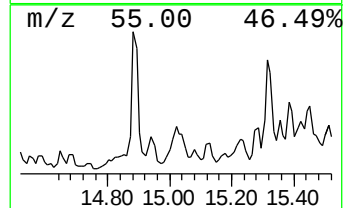
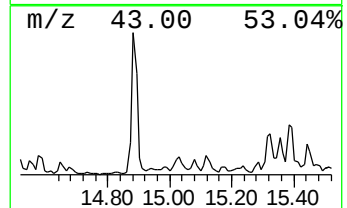
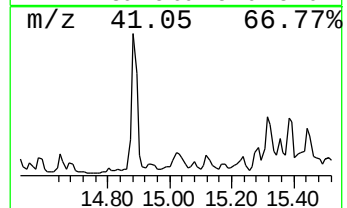
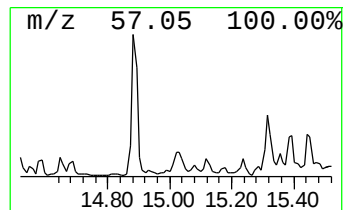
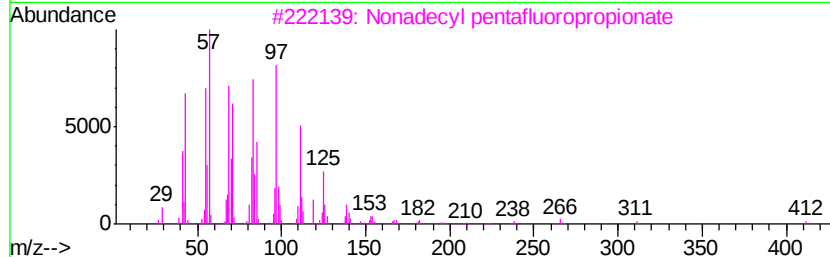
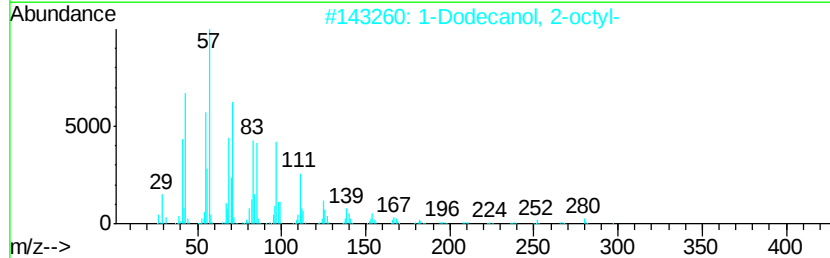
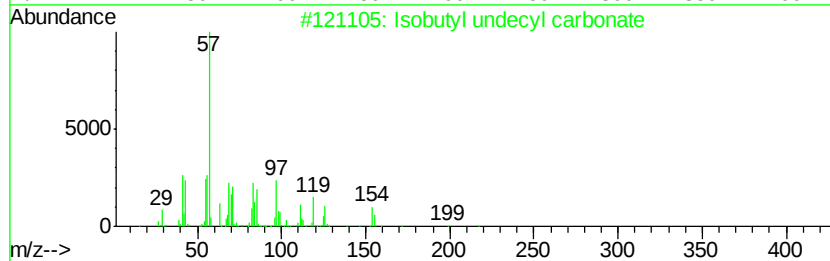
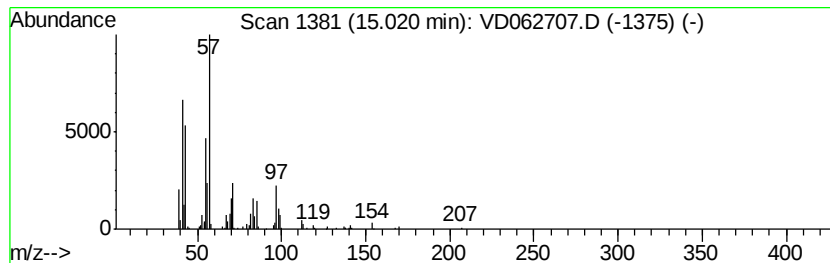
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isobutyl undecyl carbonate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	111.27 ug/l	1048040	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl undecyl carbonate	272	C16H32O3	1000372-78-8	83
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	47
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	47
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
5		Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	43



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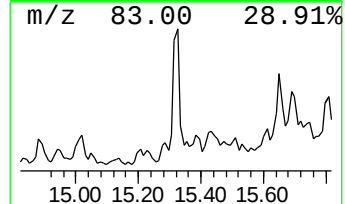
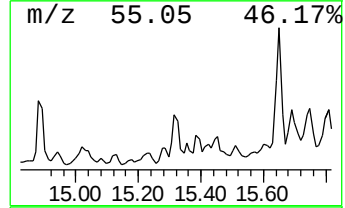
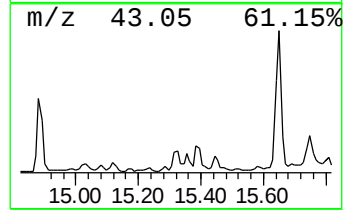
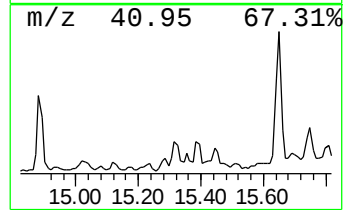
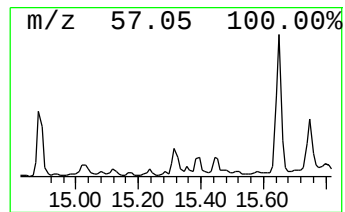
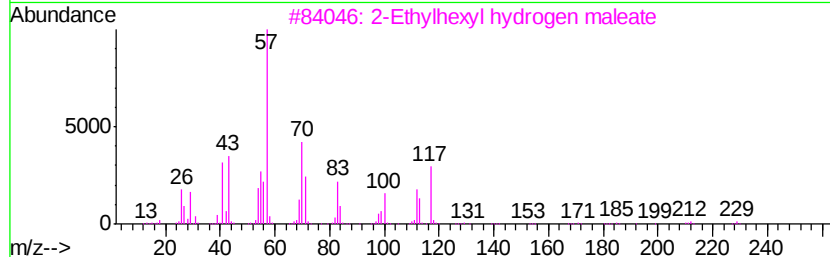
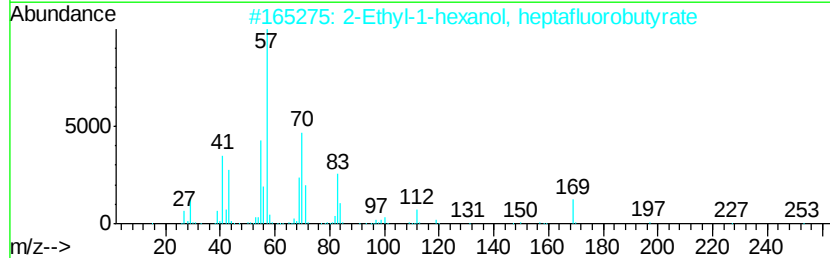
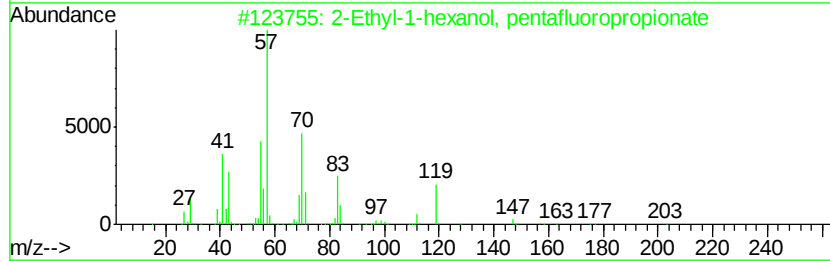
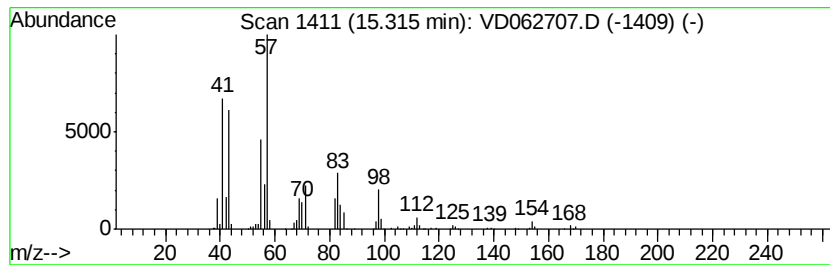
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Ethyl-1-hexanol, pentaflu... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.32	109.20 ug/l	1028590	1,4-Dichlorobenzene-d4	14.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	64	
2	2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	59	
3	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	53	
4	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	53	
5	Acetic acid, cyano-, 2-ethylhexy...	197	C11H19NO2	013361-34-7	53	



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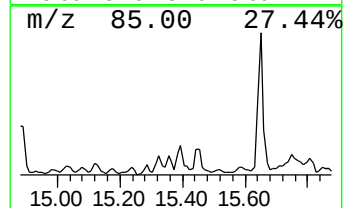
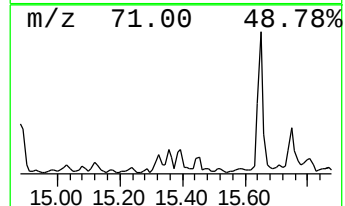
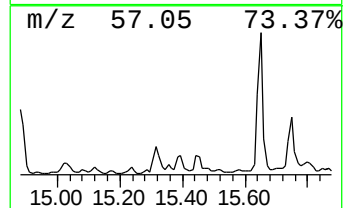
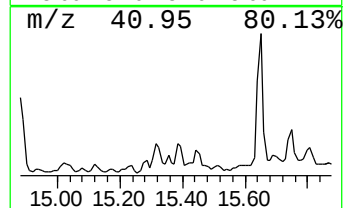
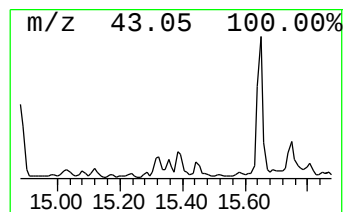
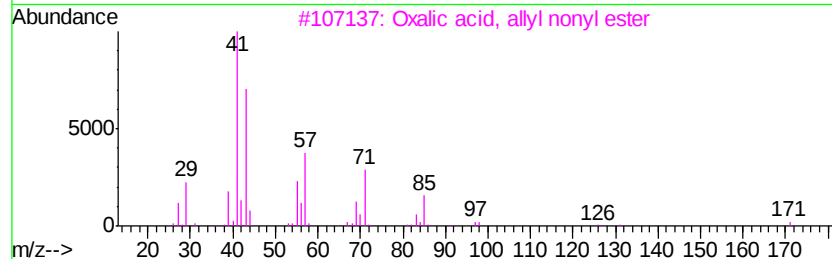
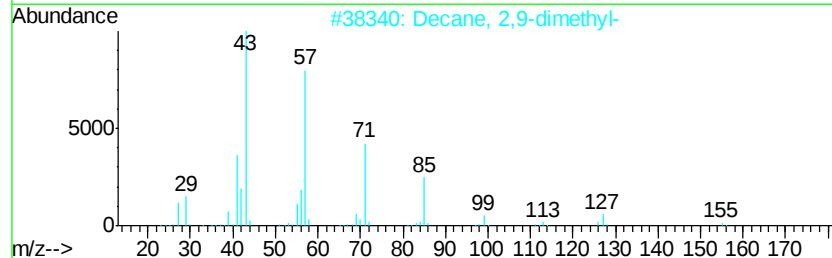
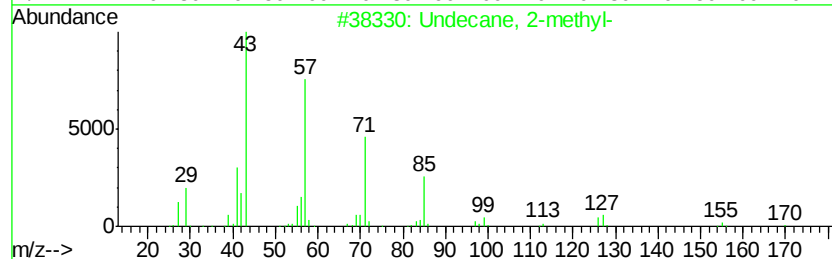
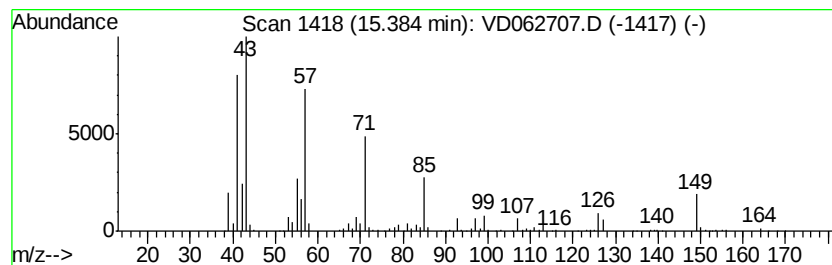
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ClientSampleId :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260

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

Peak Number 4 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	94.20 ug/l	887286	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2-methyl-	170 C12H26	007045-71-8	59
2	Decane, 2,9-dimethyl-	170 C12H26	001002-17-1	52
3	Oxalic acid, allyl nonyl ester	256 C14H24O4	1000309-23-7	50
4	Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9	47
5	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
Data File : VD062707.D
Acq On : 14 Jun 2019 13:29
Operator : VA/AP
Sample : K3366-01
Misc : 5.22g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-SOIL

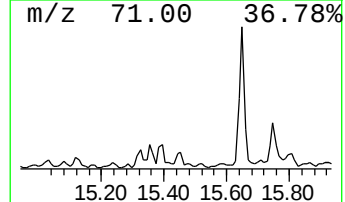
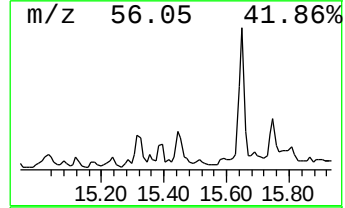
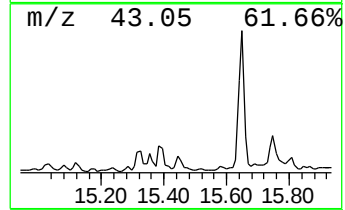
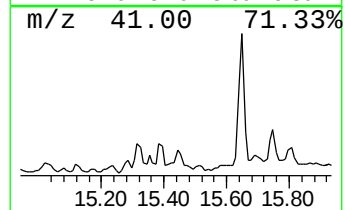
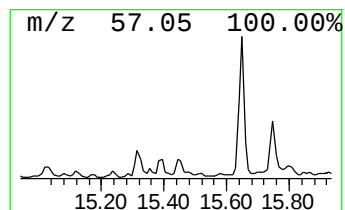
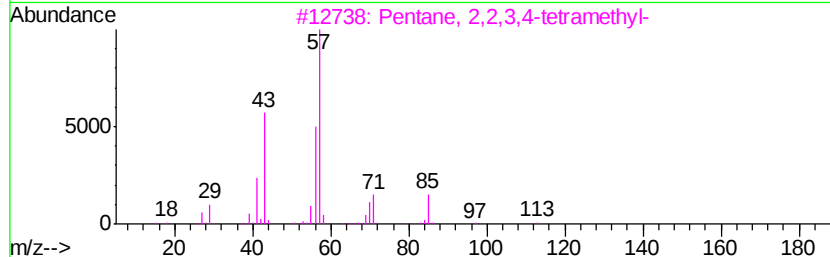
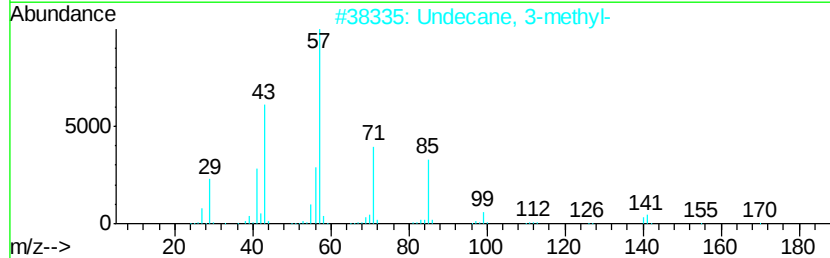
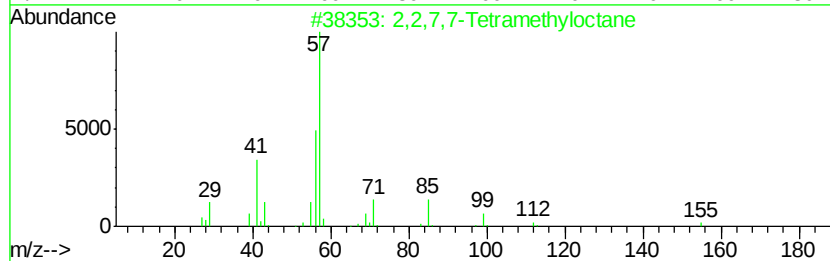
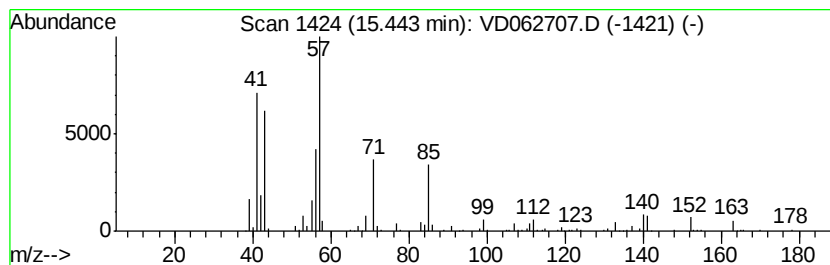
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Quant Title : SW846 8260

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

Peak Number 5 2,2,7,7-Tetramethyloctane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	142.35 ug/l	1340790	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	58
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
Data File : VD062707.D
Acq On : 14 Jun 2019 13:29
Operator : VA/AP
Sample : K3366-01
Misc : 5.22g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

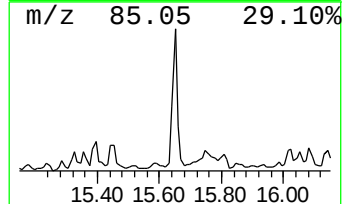
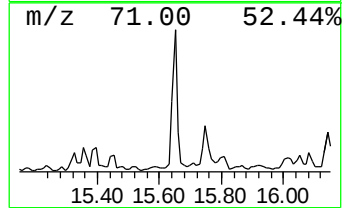
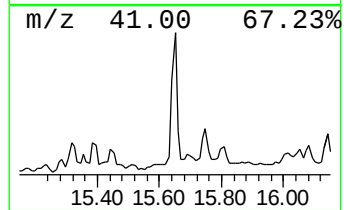
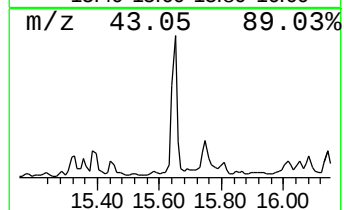
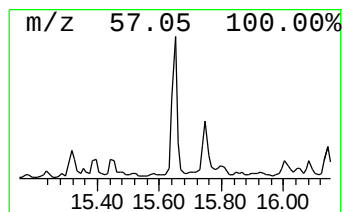
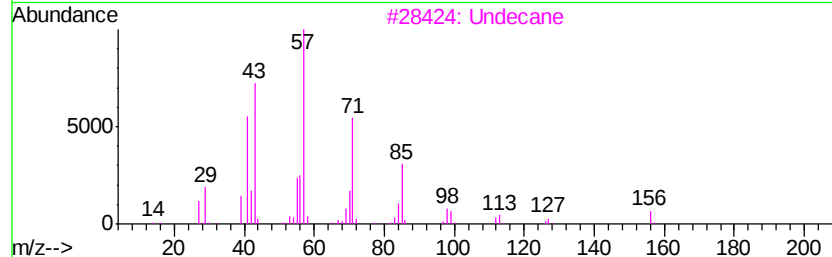
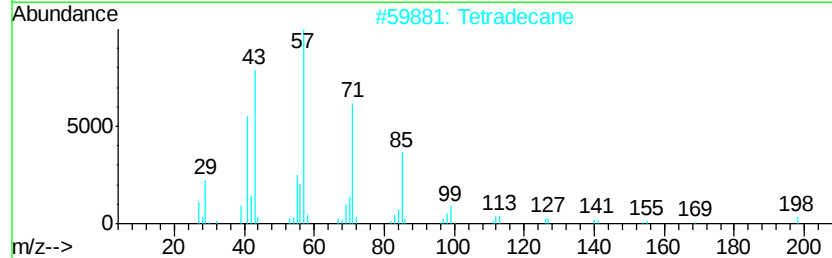
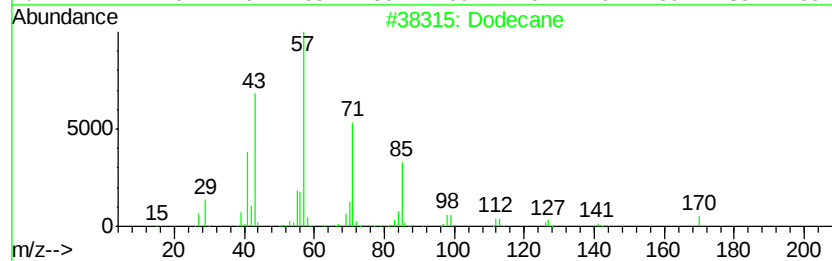
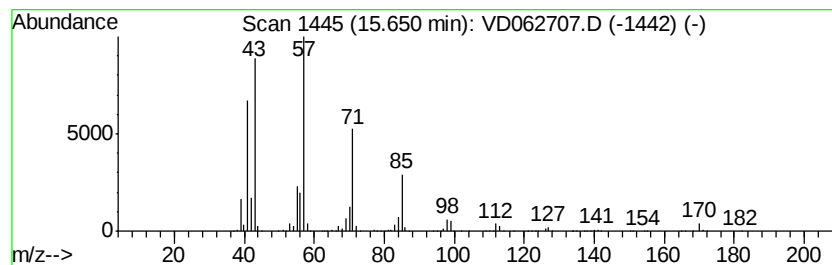
Instrument :
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ClientSampleId :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	554.09 ug/l	5218980	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	94
2	Tetradecane	198 C14H30	000629-59-4	86
3	Undecane	156 C11H24	001120-21-4	80
4	Hexadecane	226 C16H34	000544-76-3	72
5	Tridecane	184 C13H28	000629-50-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
Data File : VD062707.D
Acq On : 14 Jun 2019 13:29
Operator : VA/AP
Sample : K3366-01
Misc : 5.22g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-SOIL

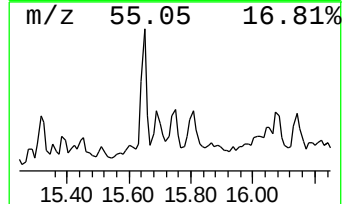
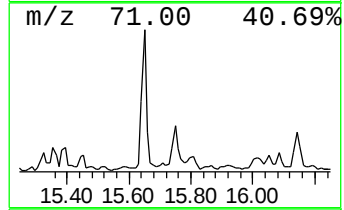
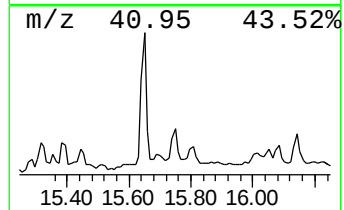
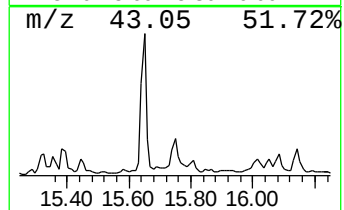
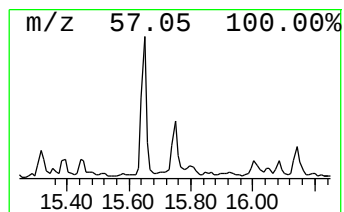
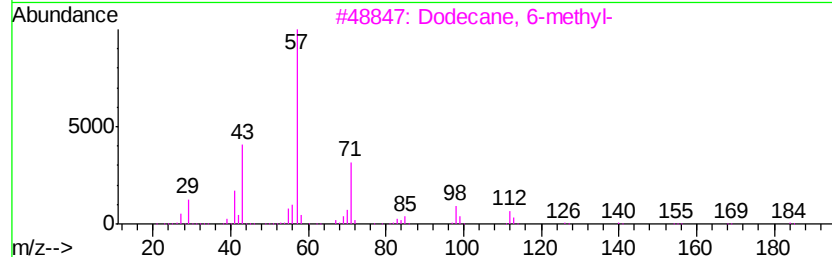
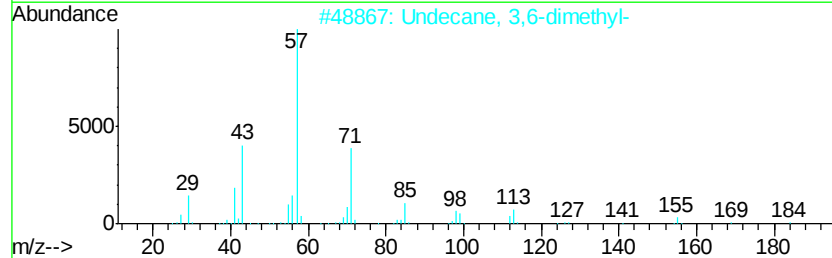
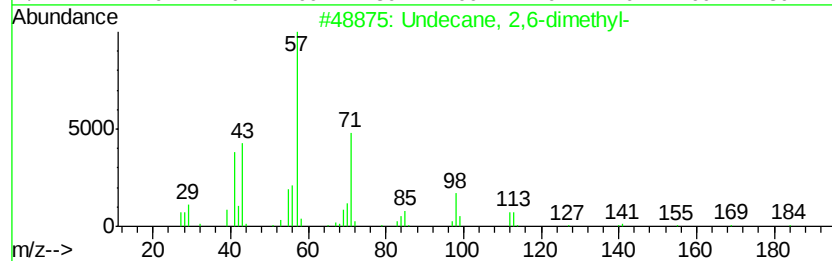
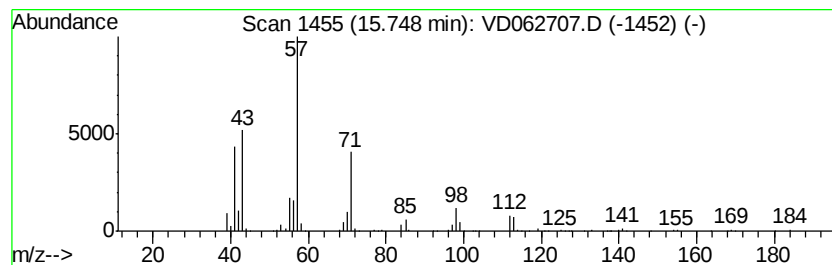
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	179.09 ug/l	1686870	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062707.D
 Acq On : 14 Jun 2019 13:29
 Operator : VA/AP
 Sample : K3366-01
 Misc : 5.22g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
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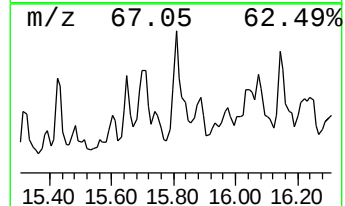
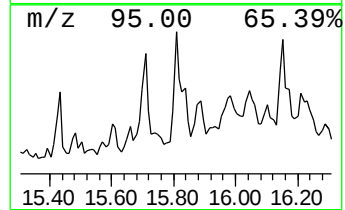
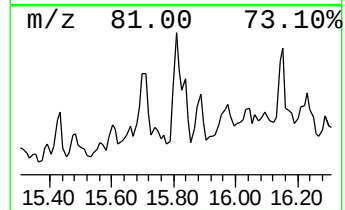
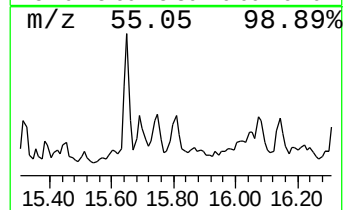
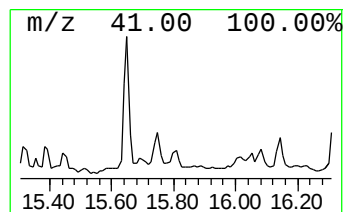
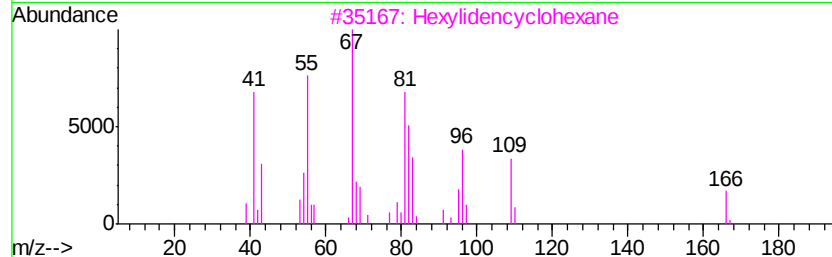
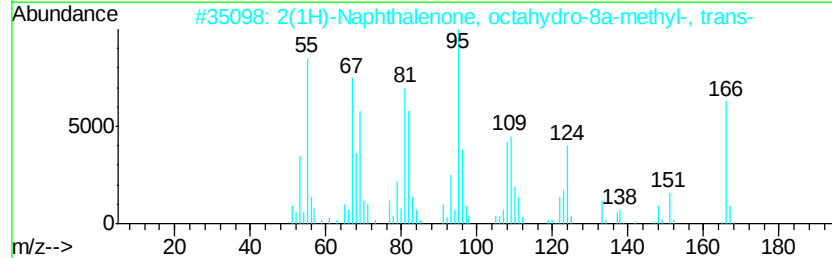
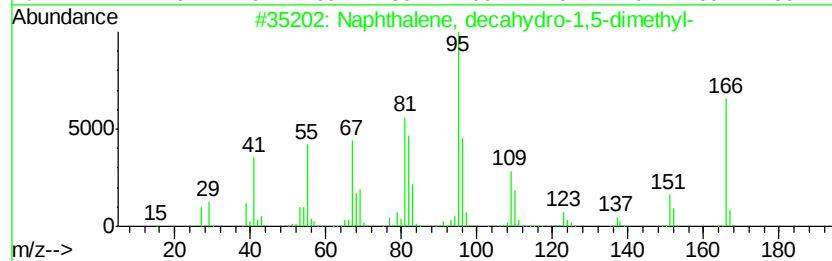
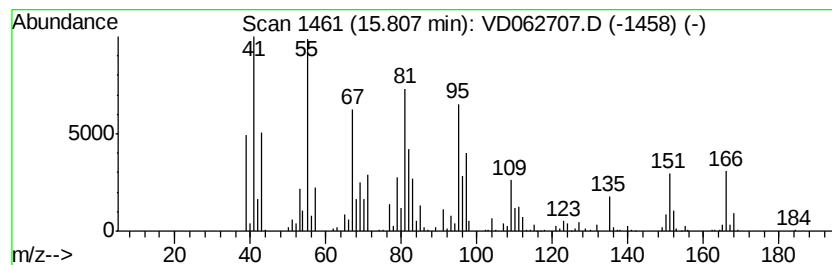
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 Quant Title : SW846 8260

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

 Peak Number 8 Naphthalene, decahydro-1,5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	115.83 ug/l	1091020	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	62
2		2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	62
3		Hexylidencyclohexane	166	C12H22	010201-62-4	60
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
5		5-Undecyne	152	C11H20	002294-72-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
Data File : VD062707.D
Acq On : 14 Jun 2019 13:29
Operator : VA/AP
Sample : K3366-01
Misc : 5.22g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
OILY-SOIL

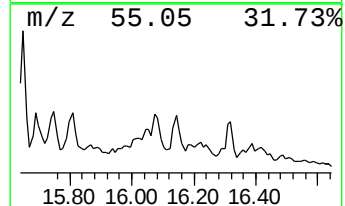
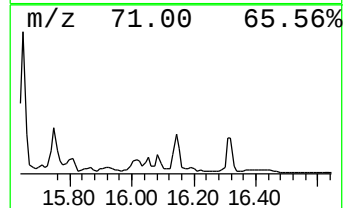
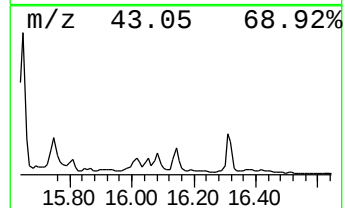
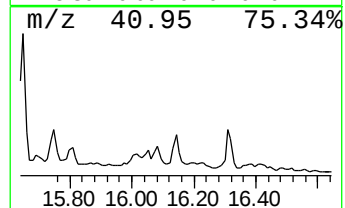
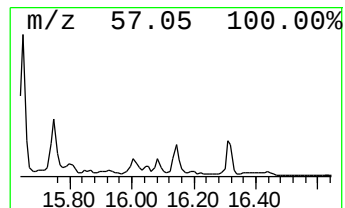
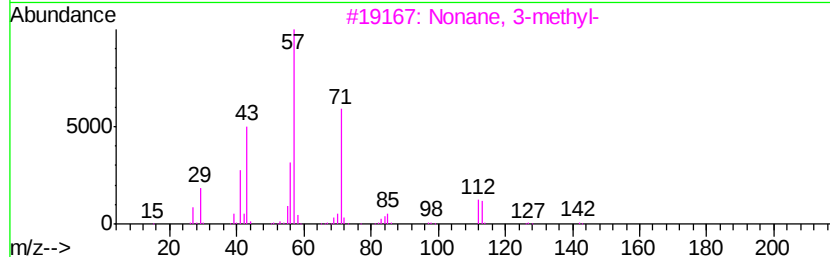
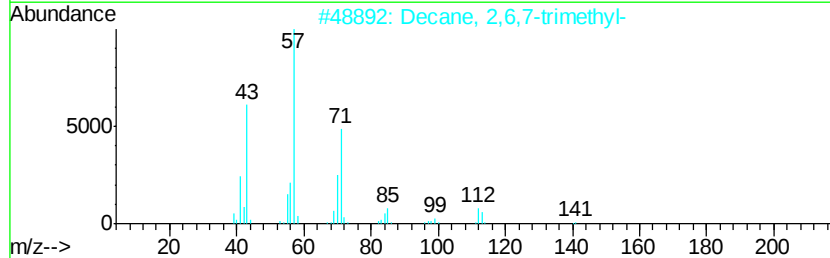
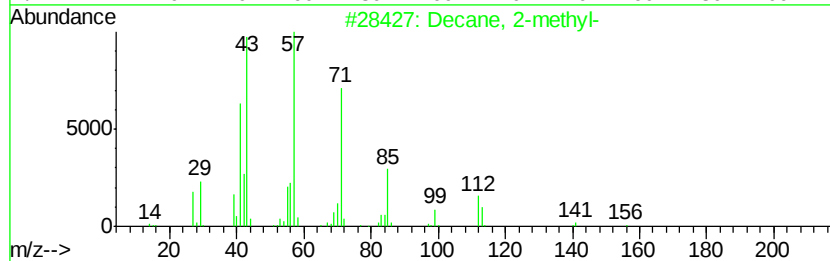
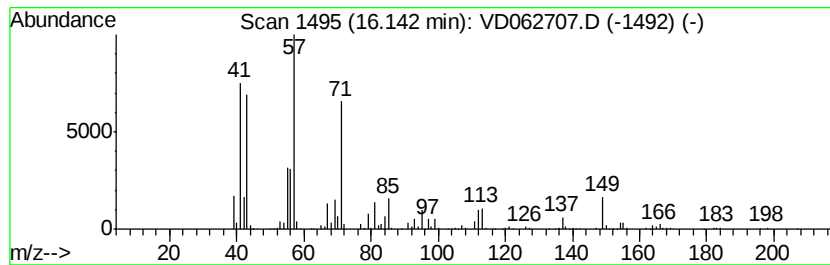
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Quant Title : SW846 8260

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

Peak Number 9 Decane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	163.27 ug/l	1537830	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	64
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
Data File : VD062707.D
Acq On : 14 Jun 2019 13:29
Operator : VA/AP
Sample : K3366-01
Misc : 5.22g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-SOIL

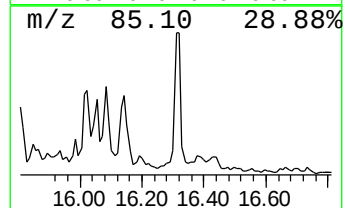
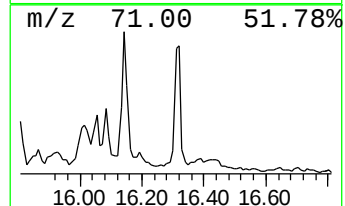
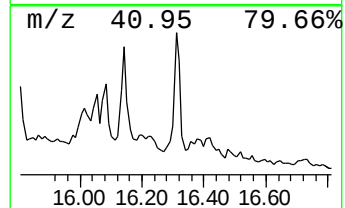
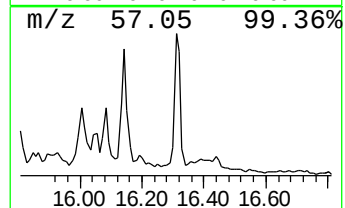
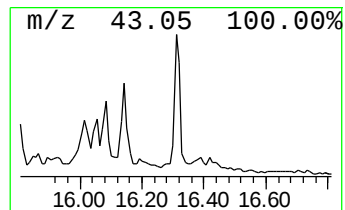
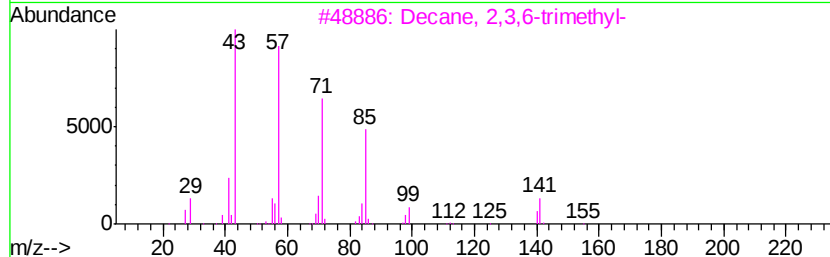
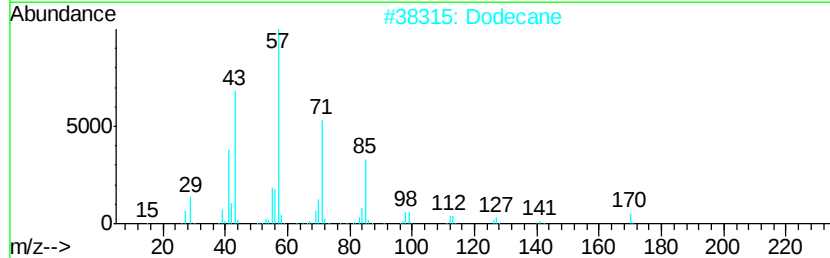
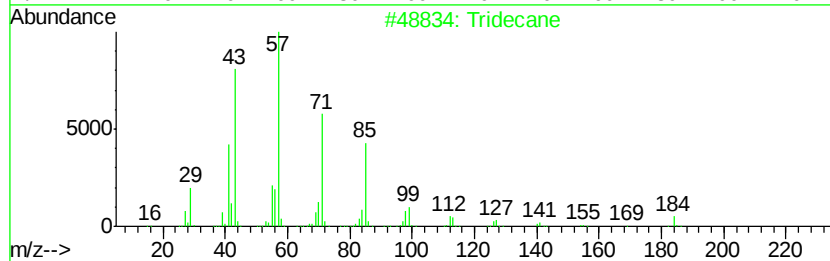
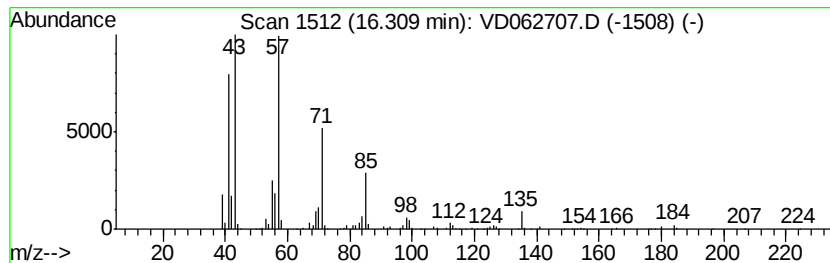
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	177.45 ug/l	1671410	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Dodecane	170	C12H26	000112-40-3	72
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
4		Tritetracontane	605	C43H88	007098-21-7	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061419\
Data File : VD062707.D
Acq On : 14 Jun 2019 13:29
Operator : VA/AP
Sample : K3366-01
Misc : 5.22g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-SOIL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.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	14.88	293.9	ug/l	2768590	4	14.52	470952	50.0
Isobutyl undecyl ...	15.02	111.3	ug/l	1048040	4	14.52	470952	50.0
2-Ethyl-1-hexanol...	15.32	109.2	ug/l	1028590	4	14.52	470952	50.0
Undecane, 2-methyl-	15.38	94.2	ug/l	887286	4	14.52	470952	50.0
2,2,7,7-Tetrameth...	15.44	142.3	ug/l	1340790	4	14.52	470952	50.0
Dodecane	15.65	554.1	ug/l	5218980	4	14.52	470952	50.0
Undecane, 2,6-dim...	15.75	179.1	ug/l	1686870	4	14.52	470952	50.0
Naphthalene, deca...	15.81	115.8	ug/l	1091020	4	14.52	470952	50.0
Decane, 2-methyl-	16.14	163.3	ug/l	1537830	4	14.52	470952	50.0
Tridecane	16.31	177.4	ug/l	1671410	4	14.52	470952	50.0