

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012819\
 Data File : VF061540.D
 Acq On : 28 Jan 2019 16:25
 Operator : VA/AP
 Sample : K1016-11
 Misc : 6.87g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-05-012819

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_F\METHODS\82F011519S.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	1.080	43	46	49	rBV5	8106	16664	1.45%	0.164%
2	2.175	154	157	159	rBV2	15430	26798	2.34%	0.263%
3	2.234	159	163	175	rVB2	16915	70703	6.16%	0.695%
4	3.033	243	244	252	rVB2	7526	15429	1.34%	0.152%
5	4.010	337	343	347	rBV	18647	66420	5.79%	0.653%
6	4.109	347	353	364	rVB	135487	439933	38.35%	4.325%
7	4.414	376	384	395	rVB4	27810	130514	11.38%	1.283%
8	4.858	421	429	443	rBV2	292050	1062827	92.64%	10.448%
9	5.588	494	503	517	rBV	380824	1041457	90.78%	10.238%
10	7.551	696	702	711	rBV	376875	910445	79.36%	8.950%
11	9.771	921	927	936	rBV	522072	1147206	100.00%	11.277%
12	9.889	936	939	942	rVB4	5056	12044	1.05%	0.118%
13	11.408	1089	1093	1099	rBV	364779	608722	53.06%	5.984%
14	11.556	1104	1108	1115	rVV3	14410	38487	3.35%	0.378%
15	11.655	1115	1118	1121	rVV2	15124	25486	2.22%	0.251%
16	11.714	1121	1124	1128	rVV3	9637	21070	1.84%	0.207%
17	11.822	1132	1135	1138	rBV	12102	18140	1.58%	0.178%
18	11.990	1149	1152	1153	rBV3	6260	11508	1.00%	0.113%
19	12.197	1170	1173	1177	rVB	41049	61559	5.37%	0.605%
20	12.296	1178	1183	1187	rBV4	6618	15493	1.35%	0.152%
21	12.375	1187	1191	1194	rBV4	5573	13804	1.20%	0.136%
22	12.454	1197	1199	1205	rVB5	11980	18275	1.59%	0.180%
23	12.542	1205	1208	1212	rBV	695274	1080153	94.16%	10.618%
24	12.602	1212	1214	1218	rVB2	46390	70697	6.16%	0.695%
25	12.720	1222	1226	1229	rBV3	14218	32427	2.83%	0.319%
26	12.769	1229	1231	1233	rVV2	24773	37870	3.30%	0.372%
27	12.809	1233	1235	1244	rVB3	84741	162914	14.20%	1.601%
28	12.927	1244	1247	1252	rBV6	9781	28372	2.47%	0.279%
29	13.006	1252	1255	1259	rVB2	23214	43244	3.77%	0.425%
30	13.085	1259	1263	1267	rBV4	30117	88856	7.75%	0.873%
31	13.144	1267	1269	1271	rBV	33673	49710	4.33%	0.489%
32	13.223	1275	1277	1278	rVV2	12770	16561	1.44%	0.163%
33	13.243	1278	1279	1281	rVV	16187	18798	1.64%	0.185%
34	13.282	1281	1283	1287	rVV4	21355	34420	3.00%	0.338%

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35	13.332	1287	1288	1291	rVV2	12116	14913	1.30%	0.147%
36	13.381	1291	1293	1295	rVB3	16722	20219	1.76%	0.199%
37	13.420	1295	1297	1301	rVB	28676	43284	3.77%	0.425%
38	13.489	1301	1304	1306	rBV2	33534	46433	4.05%	0.456%
39	13.539	1306	1309	1311	rBV	45102	69954	6.10%	0.688%
40	13.578	1311	1313	1315	rVB3	16503	22508	1.96%	0.221%
41	13.618	1315	1317	1318	rBV	7667	12777	1.11%	0.126%
42	13.706	1323	1326	1329	rBV2	184355	271864	23.70%	2.672%
43	13.756	1329	1331	1334	rVB3	14078	24551	2.14%	0.241%
44	13.805	1334	1336	1338	rBV	19240	32341	2.82%	0.318%
45	13.845	1338	1340	1345	rBV3	100299	207584	18.09%	2.041%
46	13.914	1345	1347	1349	rVB2	33453	46203	4.03%	0.454%
47	13.963	1349	1352	1355	rVB	70296	100993	8.80%	0.993%
48	14.042	1358	1360	1362	rBV2	16598	30283	2.64%	0.298%
49	14.071	1362	1363	1366	rVB	16609	20624	1.80%	0.203%
50	14.150	1366	1371	1375	rBV6	65769	171919	14.99%	1.690%
51	14.210	1375	1377	1381	rVB2	43832	64365	5.61%	0.633%
52	14.298	1384	1386	1389	rVB	39488	48004	4.18%	0.472%
53	14.357	1389	1392	1394	rVB4	11978	19344	1.69%	0.190%
54	14.407	1394	1397	1399	rBV	55254	84947	7.40%	0.835%
55	14.456	1399	1402	1405	rBV	168429	211218	18.41%	2.076%
56	14.555	1410	1412	1414	rBV3	17764	26245	2.29%	0.258%
57	14.594	1414	1416	1423	rVB3	25424	56969	4.97%	0.560%
58	14.732	1427	1430	1436	rVB	124923	190581	16.61%	1.873%
59	14.831	1436	1440	1441	rBV3	15788	35375	3.08%	0.348%
60	14.870	1441	1444	1445	rBV2	17028	25336	2.21%	0.249%
61	14.900	1445	1447	1450	rVB2	39372	47814	4.17%	0.470%
62	14.939	1450	1451	1454	rVB	119165	91255	7.95%	0.897%
63	14.999	1454	1457	1462	rBV2	70987	141714	12.35%	1.393%
64	15.117	1465	1469	1472	rBV2	161130	268630	23.42%	2.641%
65	15.275	1483	1485	1488	rVB3	18040	30562	2.66%	0.300%
66	15.344	1488	1492	1495	rBV3	33517	70650	6.16%	0.694%
67	15.403	1496	1498	1500	rVB2	15231	19356	1.69%	0.190%
68	15.561	1512	1514	1517	rVV3	10727	17493	1.52%	0.172%
69	15.640	1519	1522	1527	rVB3	29568	61950	5.40%	0.609%
70	15.709	1527	1529	1534	rBV6	7575	15781	1.38%	0.155%
71	15.788	1534	1537	1538	rBV	9764	13675	1.19%	0.134%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	15.936	1549	1552	1554	rBV3	9530	19532	1.70%	0.192%
73	15.995	1554	1558	1565	rVB9	9815	38572	3.36%	0.379%

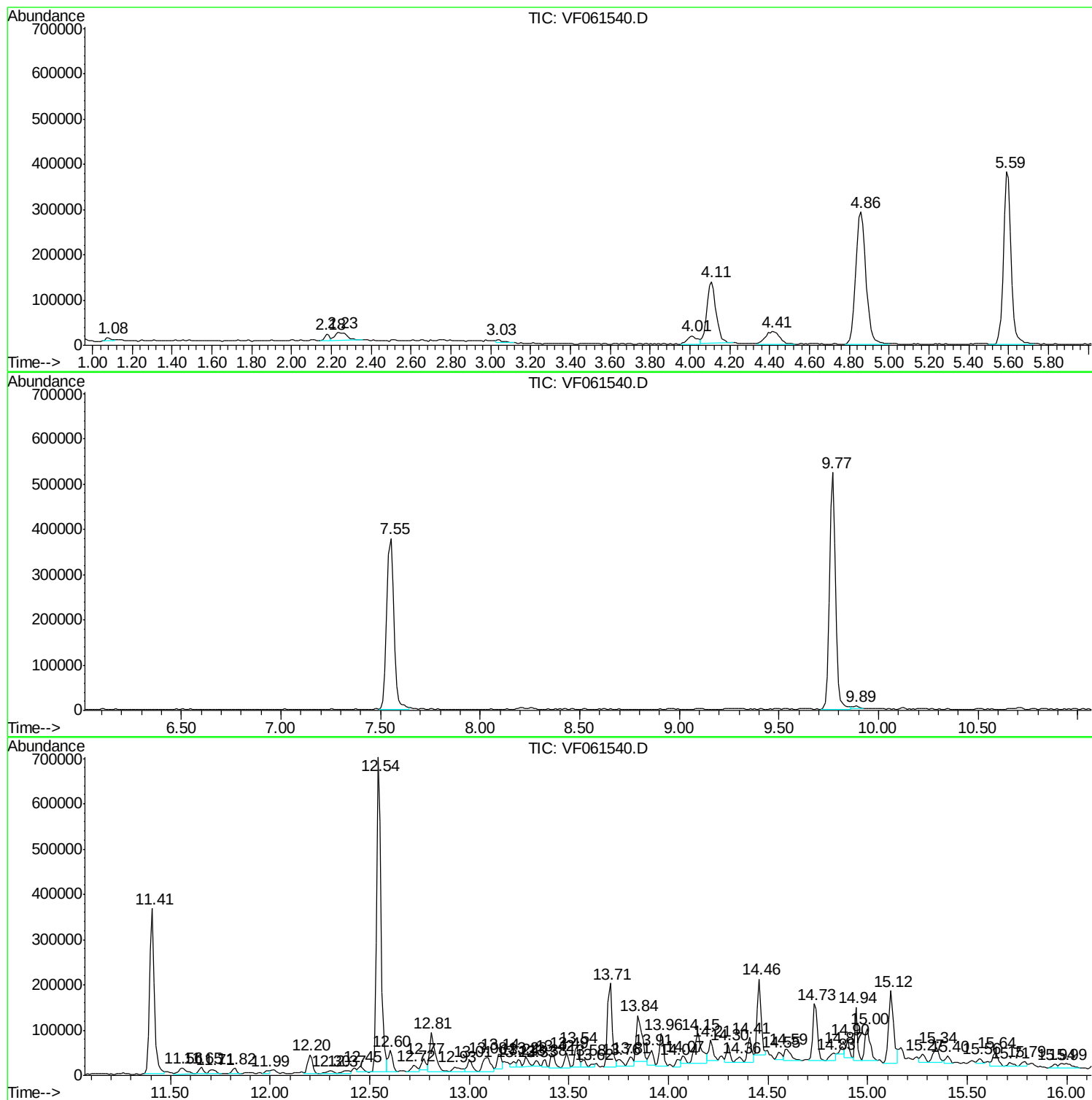
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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



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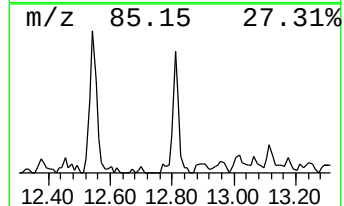
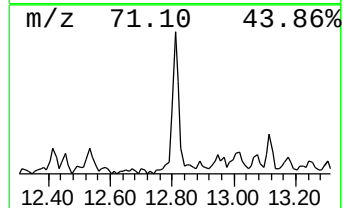
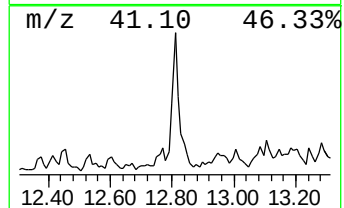
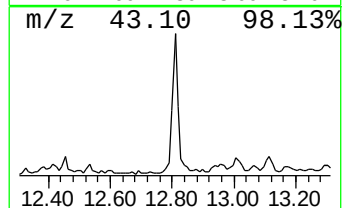
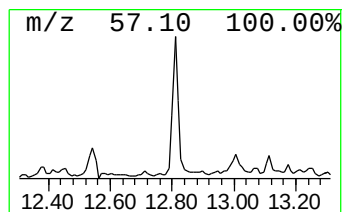
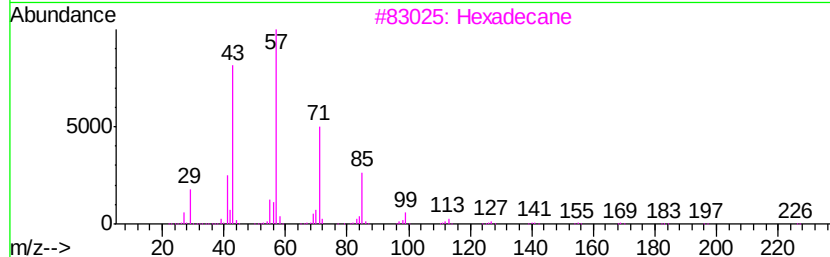
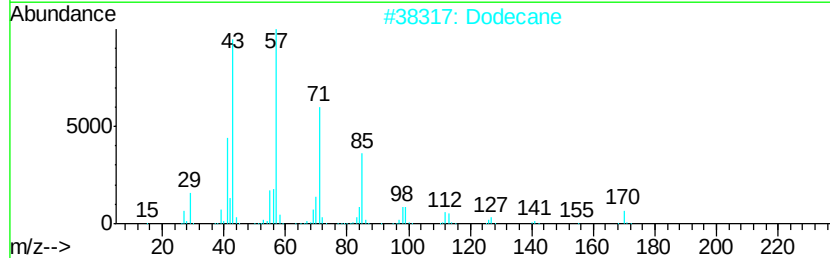
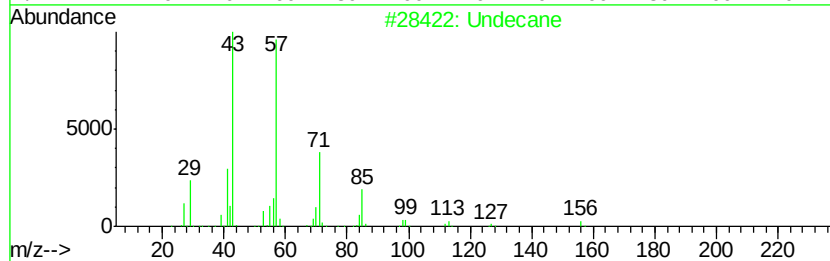
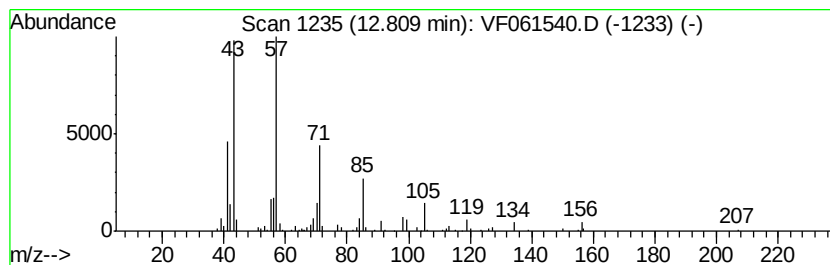
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	7.54 ug/l	162914	1,4-Dichlorobenzene-d4	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	93
2	Dodecane		170	C12H26	000112-40-3	72
3	Hexadecane		226	C16H34	000544-76-3	64
4	Decane		142	C10H22	000124-18-5	64
5	Sulfurous acid, pentadecyl 2-pro...		334	C18H38O3S	1000309-12-6	59



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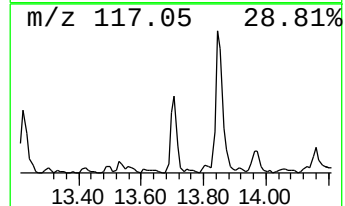
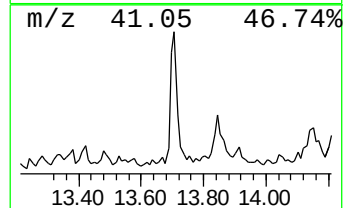
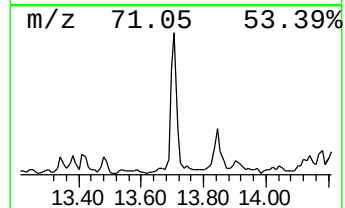
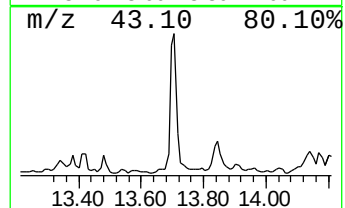
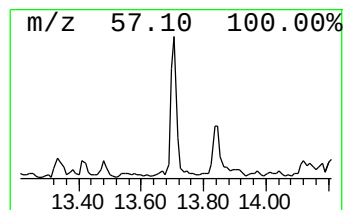
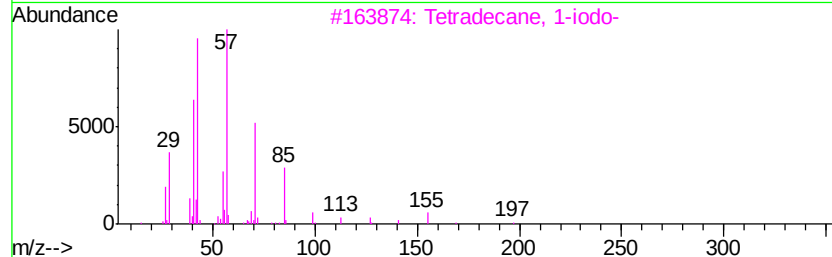
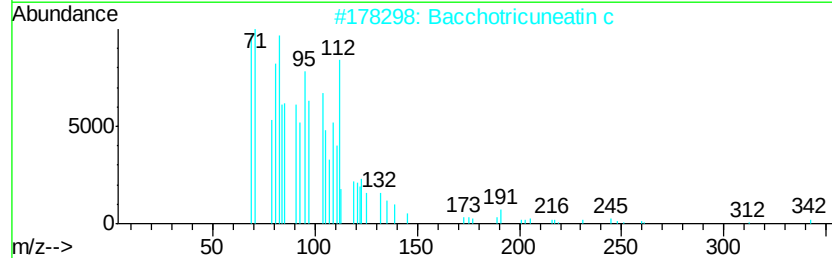
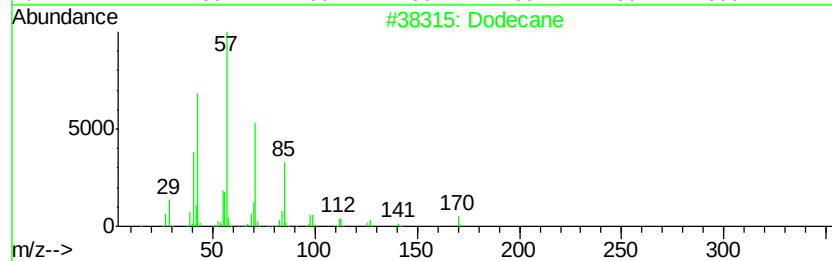
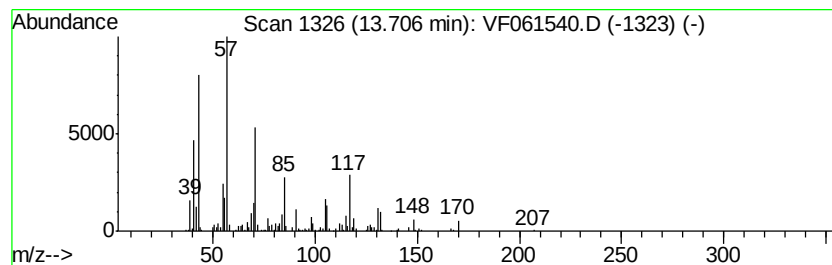
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 3 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	12.58 ug/l	271864	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	95
2	Bacchotricuneatin c	342 C20H22O5	066563-30-2	49
3	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	46
4	Heptane, 3,4-dimethyl-	128 C9H20	000922-28-1	46
5	Tetradecane	198 C14H30	000629-59-4	46



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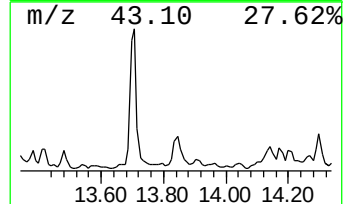
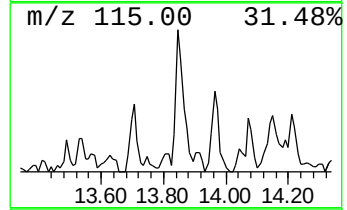
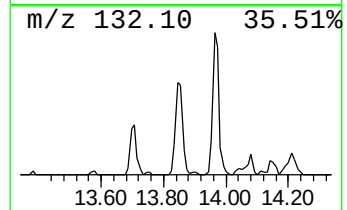
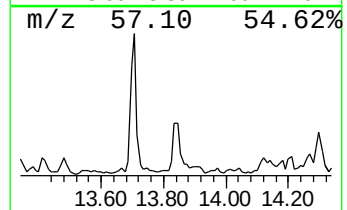
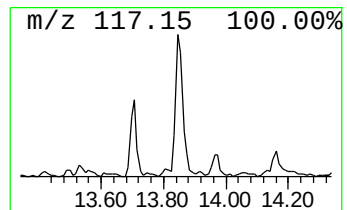
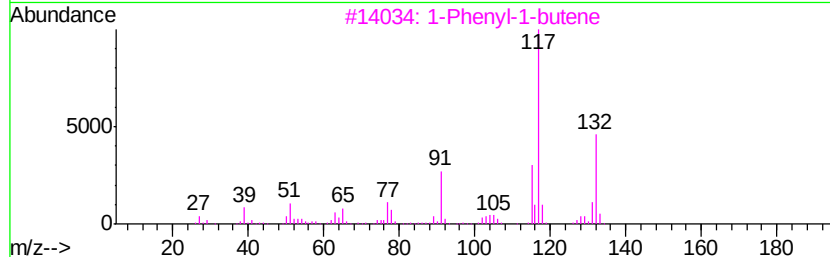
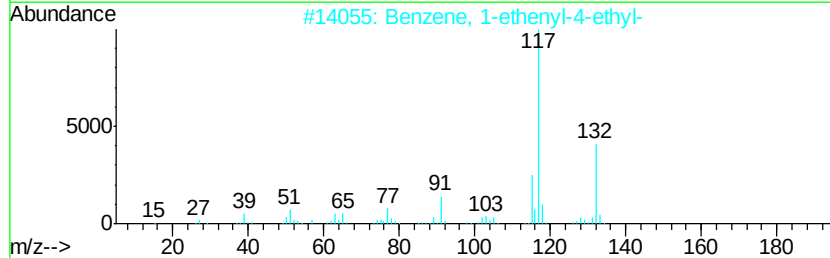
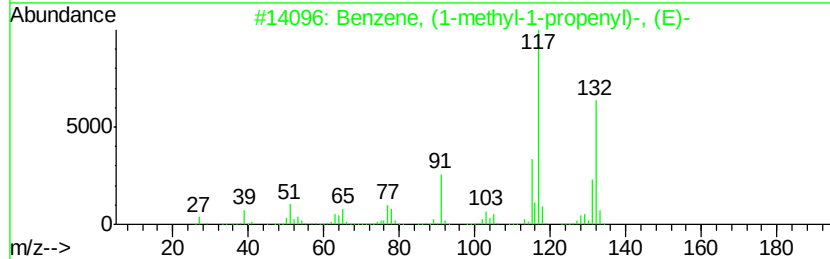
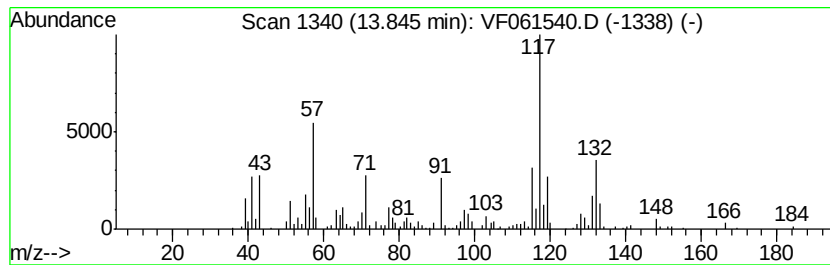
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.84	9.61 ug/l	207584	1,4-Dichlorobenzene-d4		12.54	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64



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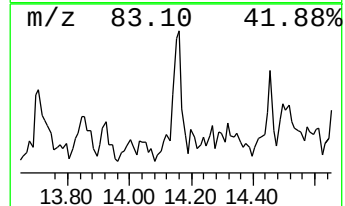
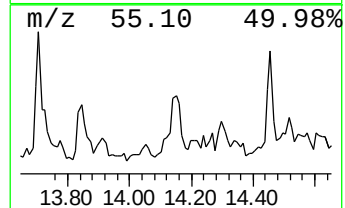
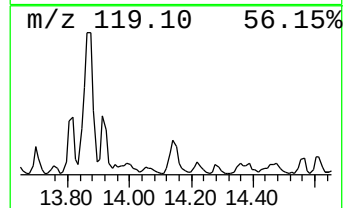
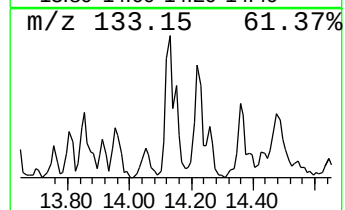
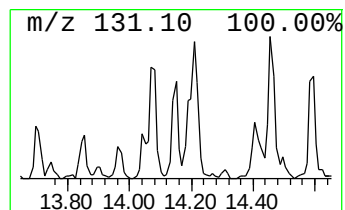
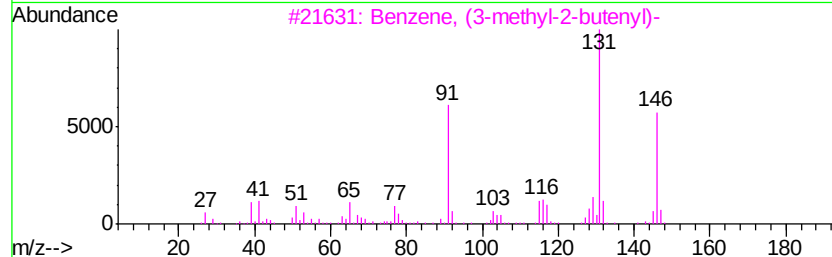
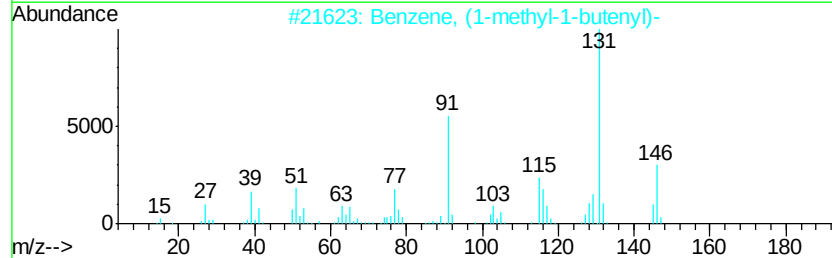
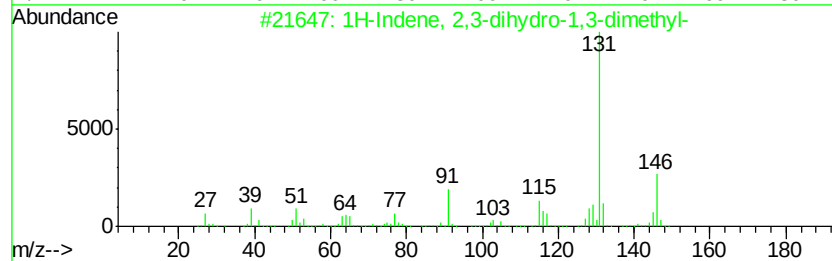
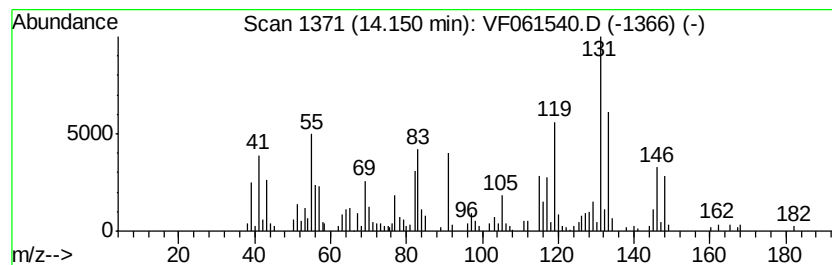
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	7.96 ug/l	171919	1,4-Dichlorobenzene-d4	12.54

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012819\
Data File : VF061540.D
Acq On : 28 Jan 2019 16:25
Operator : VA/AP
Sample : K1016-11
Misc : 6.87g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

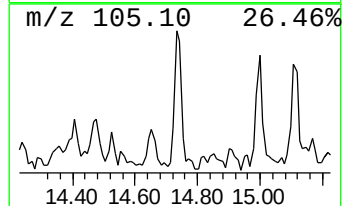
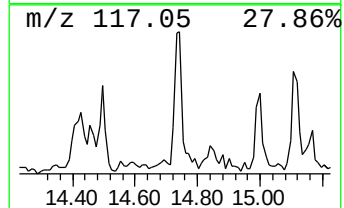
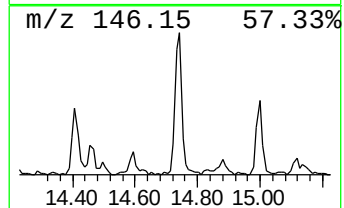
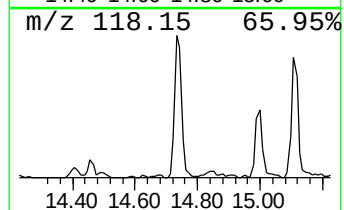
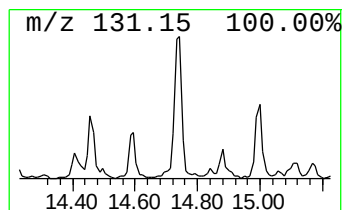
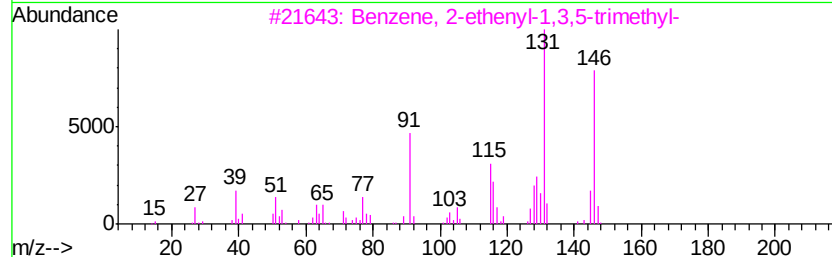
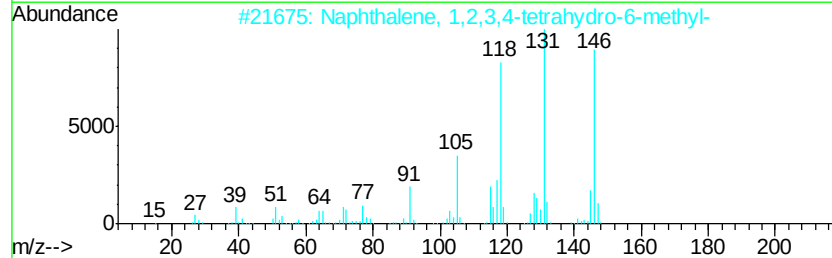
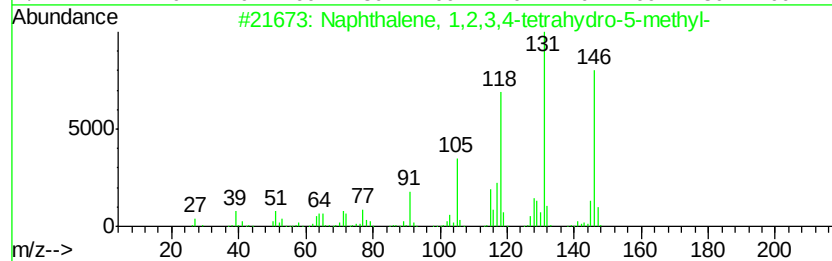
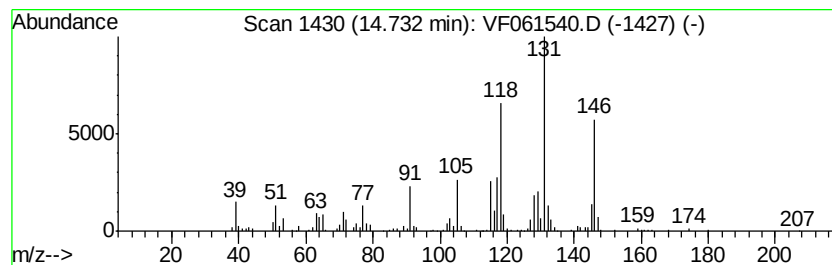
Instrument :
MSVOA_F
ClientSampleId :
TR-05-012819

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	8.82 ug/l	190581	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 95
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 89
4		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 76
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146 C10H10O	017496-14-9 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012819\
Data File : VF061540.D
Acq On : 28 Jan 2019 16:25
Operator : VA/AP
Sample : K1016-11
Misc : 6.87g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

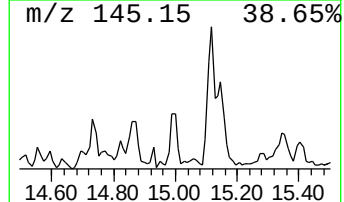
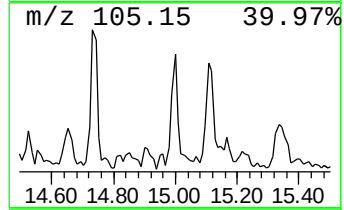
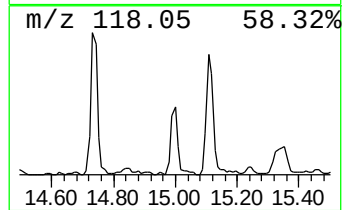
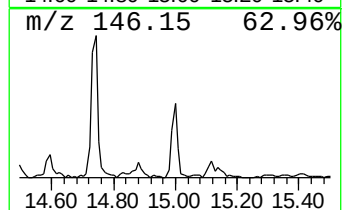
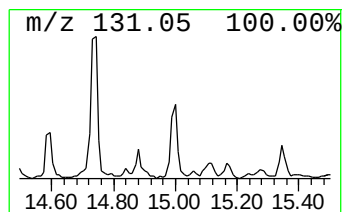
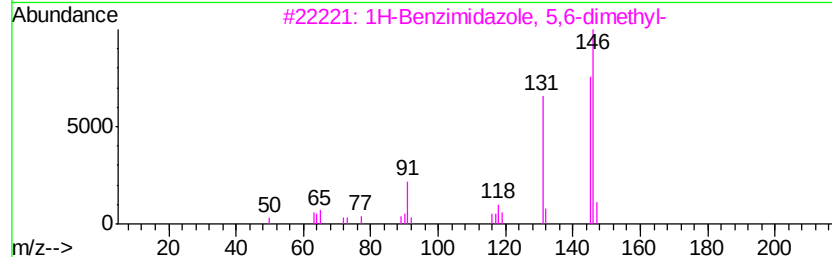
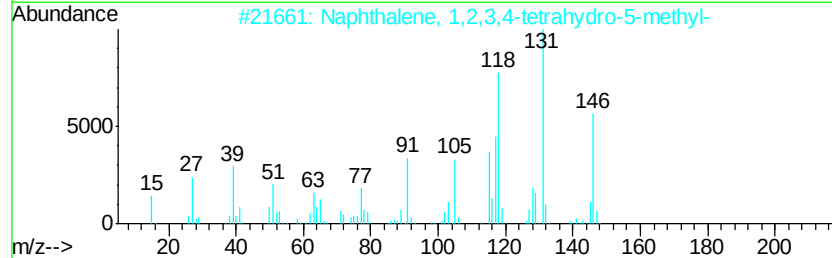
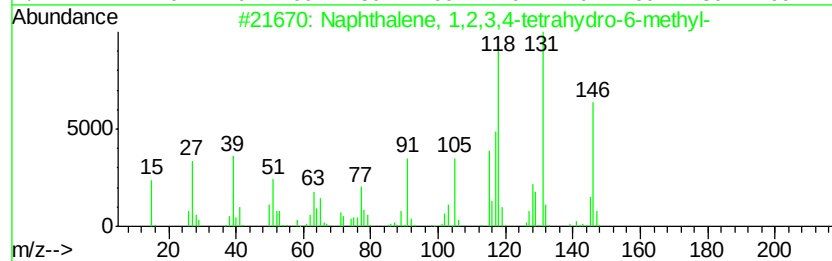
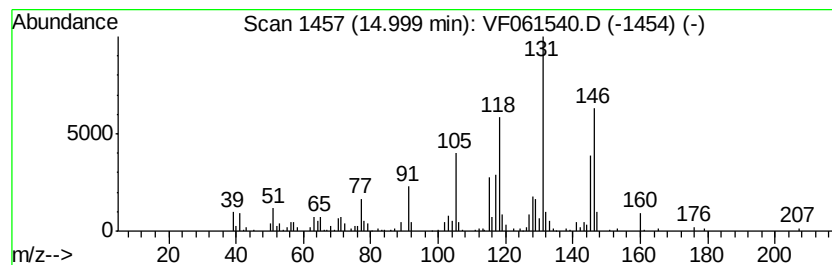
Instrument :
MSVOA_F
ClientSampleId :
TR-05-012819

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.00	6.56 ug/l	141714	1,4-Dichlorobenzene-d4	12.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	70
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012819\
Data File : VF061540.D
Acq On : 28 Jan 2019 16:25
Operator : VA/AP
Sample : K1016-11
Misc : 6.87g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

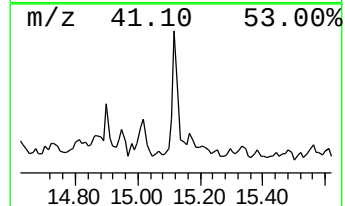
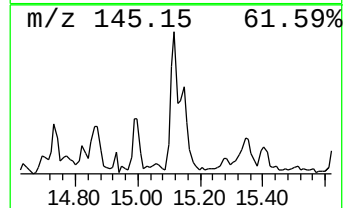
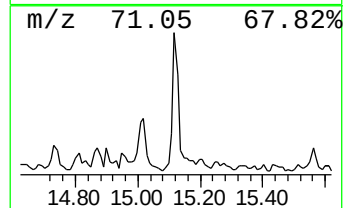
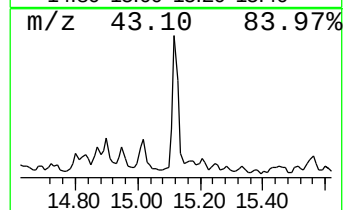
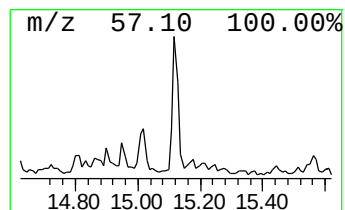
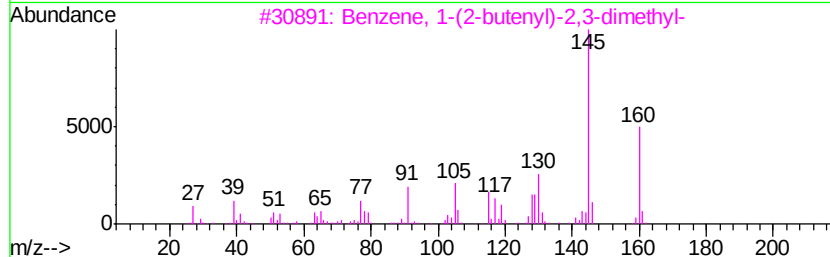
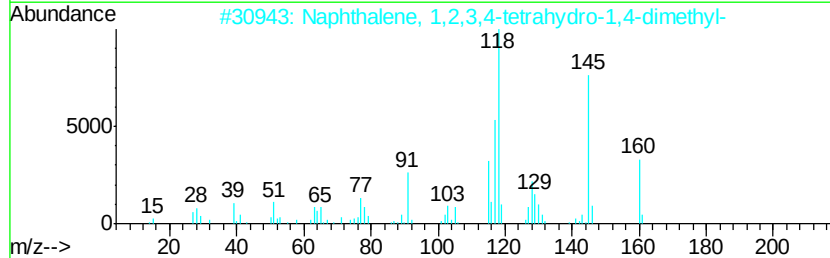
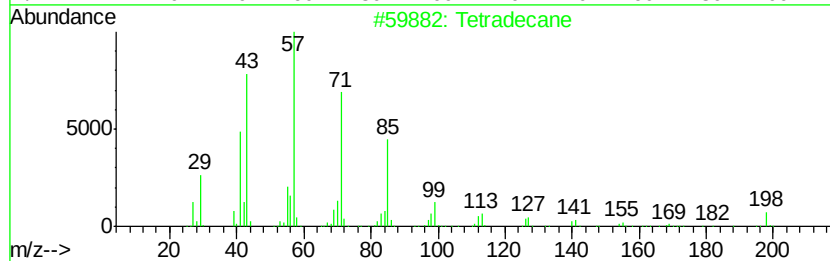
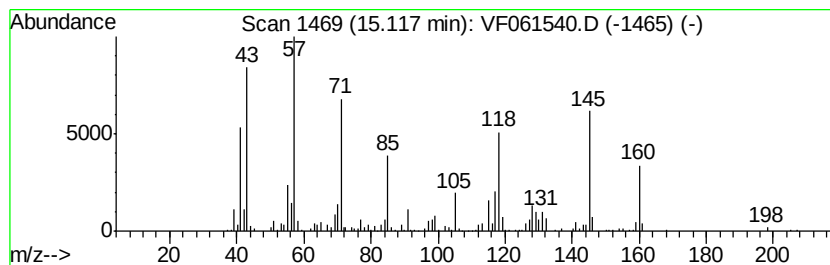
Instrument :
MSVOA_F
ClientSampled :
TR-05-012819

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 8 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	12.43 ug/l	268630	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 90
3		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 46
4		Benzene, 1-(1-methylethenyl)-3-(...	160 C12H16	001129-29-9 46
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 42



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF012819\
Data File : VF061540.D
Acq On : 28 Jan 2019 16:25
Operator : VA/AP
Sample : K1016-11
Misc : 6.87g/5mL/MSV0A-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
TR-05-012819

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F011519S.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	12.81	7.5	ug/l	162914	4	12.54	1080150	50.0
Dodecane	13.71	12.6	ug/l	271864	4	12.54	1080150	50.0
Benzene, (1-methy...	13.84	9.6	ug/l	207584	4	12.54	1080150	50.0
1H-Indene, 2,3-di...	14.15	8.0	ug/l	171919	4	12.54	1080150	50.0
Naphthalene, 1,2,...	14.73	8.8	ug/l	190581	4	12.54	1080150	50.0
Naphthalene, 1,2,...	15.00	6.6	ug/l	141714	4	12.54	1080150	50.0
Tetradecane	15.12	12.4	ug/l	268630	4	12.54	1080150	50.0