

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059912.D
 Acq On : 7 Aug 2018 10:16
 Operator : VA/AP
 Sample : J4298-01
 Misc : 3.82g/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.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	1.101	55	58	60	rBV2	10207	17831	1.99%	0.218%
2	2.284	175	178	184	rBV4	11459	36379	4.07%	0.446%
3	2.658	209	216	218	rBV5	3134	9555	1.07%	0.117%
4	4.206	366	373	377	rBV	10447	36169	4.04%	0.443%
5	4.304	377	383	394	rVB	95359	297531	33.25%	3.645%
6	5.044	451	458	470	rBV2	279475	894702	100.00%	10.961%
7	5.773	524	532	544	rBV	285652	748267	83.63%	9.167%
8	7.715	722	729	741	rBV	236833	551620	61.65%	6.758%
9	9.923	948	953	962	rBV	346117	766226	85.64%	9.387%
10	10.022	962	963	968	rVB4	5665	11940	1.33%	0.146%
11	11.372	1098	1100	1103	rVB2	7527	10278	1.15%	0.126%
12	11.520	1111	1115	1121	rBV	243551	421956	47.16%	5.170%
13	11.648	1125	1128	1131	rVB3	14896	23884	2.67%	0.293%
14	11.747	1135	1138	1142	rVB2	32857	49209	5.50%	0.603%
15	11.816	1142	1145	1148	rVB4	11634	22553	2.52%	0.276%
16	11.924	1153	1156	1158	rVB3	9508	15747	1.76%	0.193%
17	11.983	1158	1162	1165	rBV6	4245	10656	1.19%	0.131%
18	12.082	1169	1172	1174	rBV3	15335	23972	2.68%	0.294%
19	12.240	1184	1188	1190	rBV4	4840	13025	1.46%	0.160%
20	12.289	1190	1193	1196	rVV2	30912	53604	5.99%	0.657%
21	12.378	1199	1202	1204	rVV4	7738	13863	1.55%	0.170%
22	12.466	1208	1211	1212	rVV2	9116	13845	1.55%	0.170%
23	12.506	1212	1215	1216	rVV3	9214	15714	1.76%	0.193%
24	12.535	1216	1218	1221	rVV2	17368	25656	2.87%	0.314%
25	12.634	1224	1228	1232	rBV	474539	738836	82.58%	9.052%
26	12.693	1232	1234	1237	rVB	26105	39043	4.36%	0.478%
27	12.851	1248	1250	1251	rVV	20001	25785	2.88%	0.316%
28	12.890	1251	1254	1261	rVB2	135863	249503	27.89%	3.057%
29	13.018	1263	1267	1271	rBV6	10411	21953	2.45%	0.269%
30	13.087	1271	1274	1277	rVB	28012	46643	5.21%	0.571%
31	13.176	1277	1283	1286	rBV4	24628	80772	9.03%	0.990%
32	13.225	1286	1288	1292	rBV	23048	37657	4.21%	0.461%
33	13.363	1300	1302	1305	rVB4	18120	22309	2.49%	0.273%
34	13.413	1305	1307	1309	rVB3	13011	18944	2.12%	0.232%

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35	13.452	1309	1311	1313	rVB2	19596	23573	2.63%	0.289%
36	13.491	1313	1315	1320	rVB3	25188	31149	3.48%	0.382%
37	13.560	1320	1322	1325	rVB2	20056	33813	3.78%	0.414%
38	13.610	1325	1327	1329	rBV	25489	36957	4.13%	0.453%
39	13.649	1329	1331	1333	rVB2	10957	15167	1.70%	0.186%
40	13.777	1341	1344	1348	rVB2	186712	244447	27.32%	2.995%
41	13.876	1353	1354	1356	rBV	14065	21988	2.46%	0.269%
42	13.925	1356	1359	1363	rVB3	63230	129179	14.44%	1.583%
43	13.984	1363	1365	1368	rVB2	29179	45266	5.06%	0.555%
44	14.043	1368	1371	1373	rVB2	12421	17282	1.93%	0.212%
45	14.122	1376	1379	1380	rBV3	12813	19067	2.13%	0.234%
46	14.152	1380	1382	1384	rVB2	13399	17720	1.98%	0.217%
47	14.221	1384	1389	1393	rBV6	48241	113705	12.71%	1.393%
48	14.290	1393	1396	1399	rBV3	23936	46209	5.16%	0.566%
49	14.369	1402	1404	1407	rVB	26952	29946	3.35%	0.367%
50	14.428	1407	1410	1414	rVB6	14903	36001	4.02%	0.441%
51	14.526	1414	1420	1423	rBV2	143120	251998	28.17%	3.087%
52	14.625	1428	1430	1432	rVV3	22733	30560	3.42%	0.374%
53	14.664	1432	1434	1439	rVB2	22060	44225	4.94%	0.542%
54	14.812	1445	1449	1451	rVB3	30164	51678	5.78%	0.633%
55	14.891	1453	1457	1459	rBV4	15706	32676	3.65%	0.400%
56	14.931	1459	1461	1463	rVV3	28530	55322	6.18%	0.678%
57	15.019	1467	1470	1472	rVB3	23899	30855	3.45%	0.378%
58	15.078	1472	1476	1480	rBV3	52647	97693	10.92%	1.197%
59	15.187	1484	1487	1490	rBV	208026	273946	30.62%	3.356%
60	15.236	1490	1492	1495	rVV3	32902	57676	6.45%	0.707%
61	15.276	1495	1496	1499	rVV2	19457	29668	3.32%	0.363%
62	15.354	1499	1504	1507	rVV	178631	294208	32.88%	3.604%
63	15.404	1507	1509	1511	rVV3	14369	25877	2.89%	0.317%
64	15.483	1514	1517	1524	rVB2	119576	216642	24.21%	2.654%
65	15.581	1525	1527	1529	rVV3	9074	13244	1.48%	0.162%
66	15.640	1529	1533	1535	rVV2	43336	76154	8.51%	0.933%
67	15.680	1535	1537	1539	rVB3	17763	21931	2.45%	0.269%
68	15.788	1546	1548	1552	rBV5	9305	23691	2.65%	0.290%
69	15.857	1552	1555	1559	rBV2	163817	243890	27.26%	2.988%
70	16.084	1575	1578	1579	rBV	38974	63213	7.07%	0.774%

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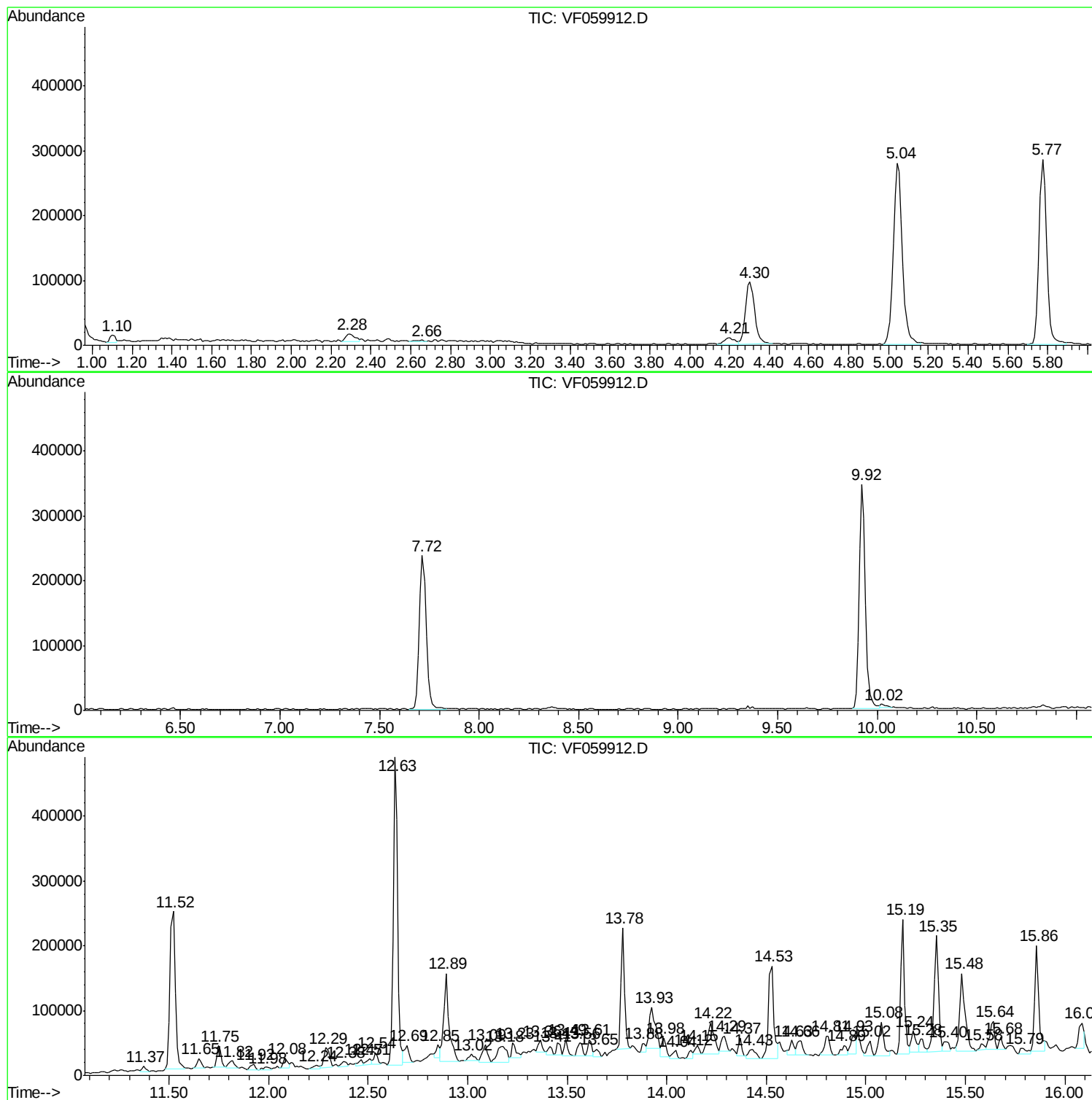
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260

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



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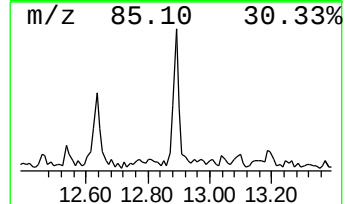
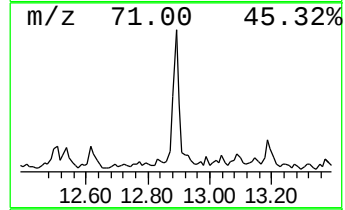
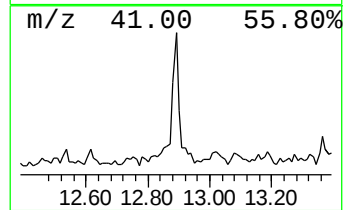
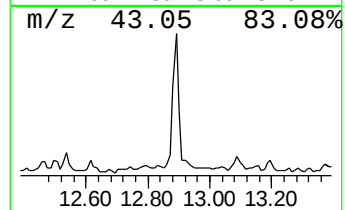
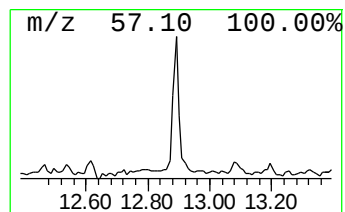
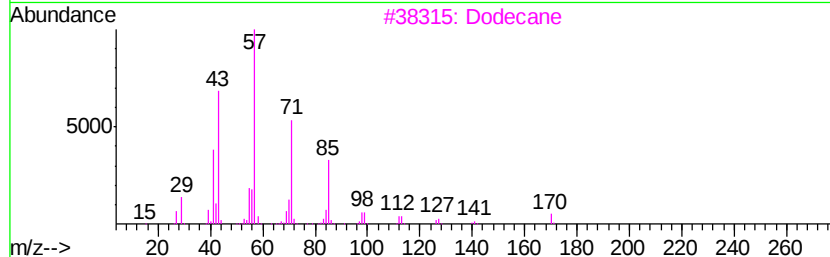
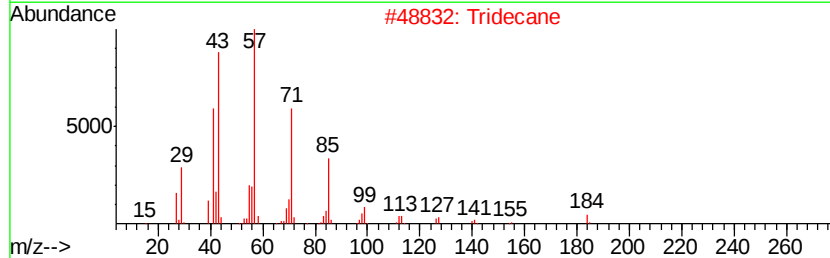
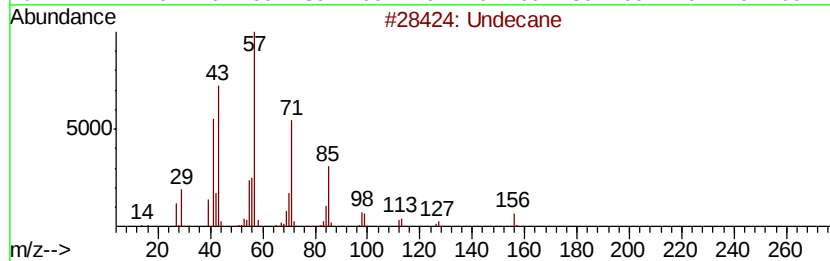
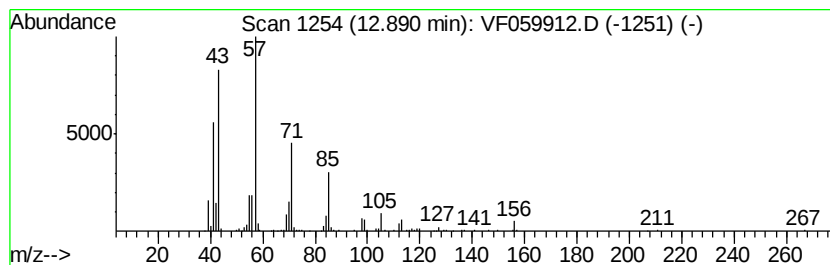
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	16.88 ug/l	249503	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	95
2	Tridecane	184 C13H28	000629-50-5	80
3	Dodecane	170 C12H26	000112-40-3	72
4	Decane	142 C10H22	000124-18-5	64
5	Hexadecane	226 C16H34	000544-76-3	64



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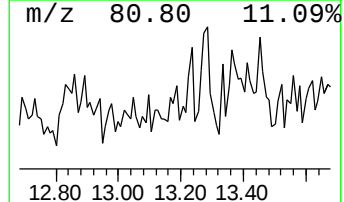
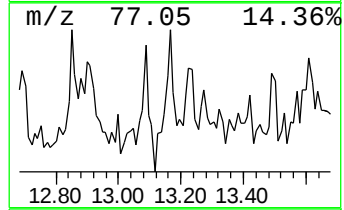
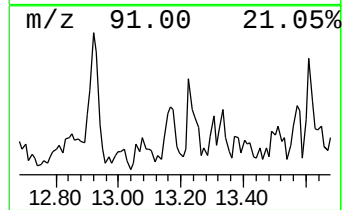
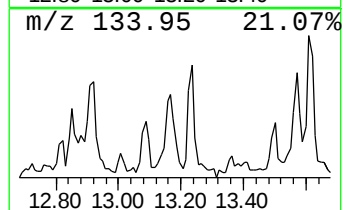
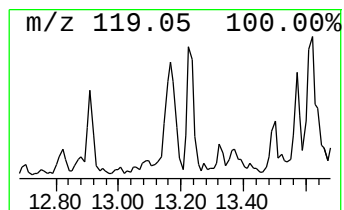
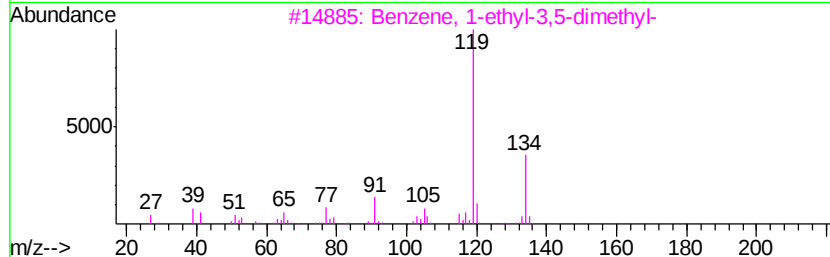
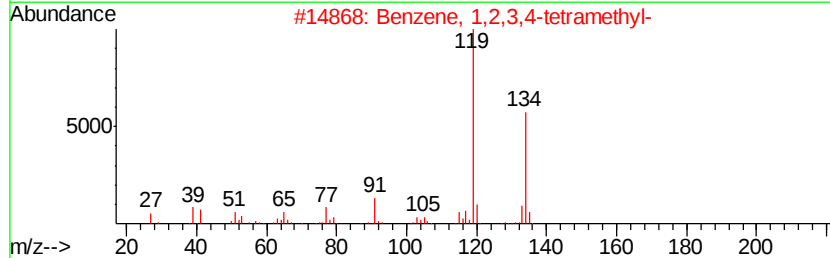
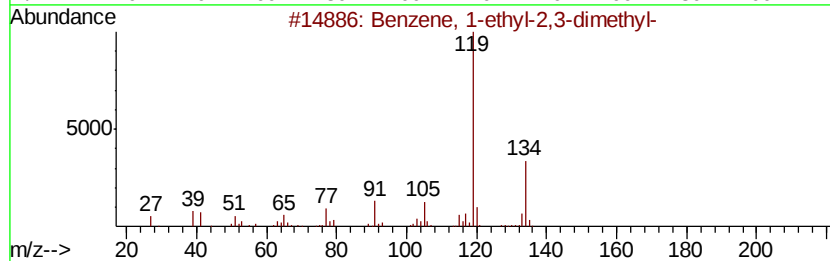
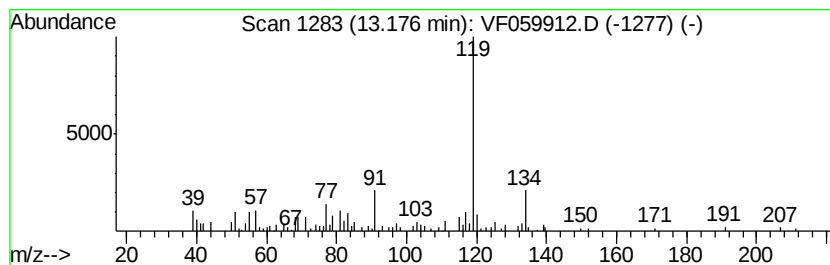
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	5.47 ug/l	80772	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



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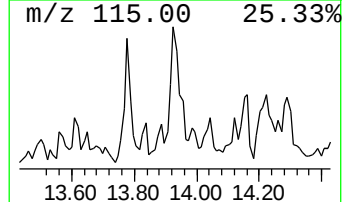
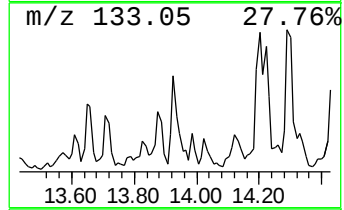
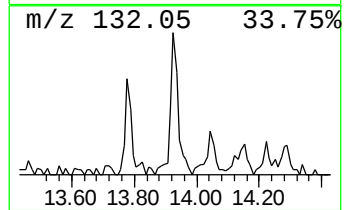
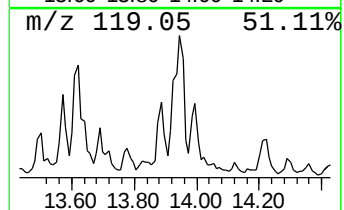
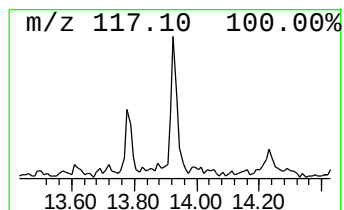
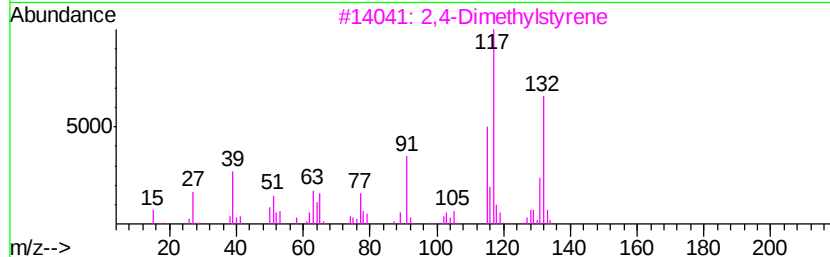
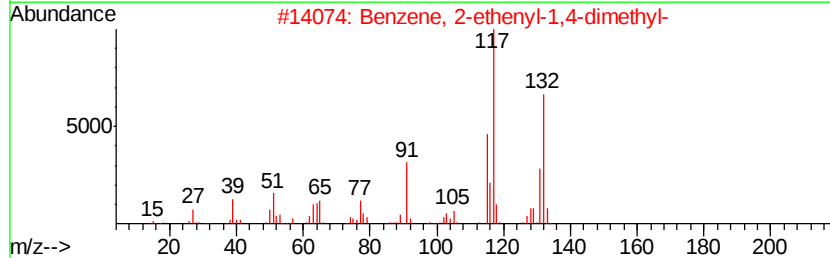
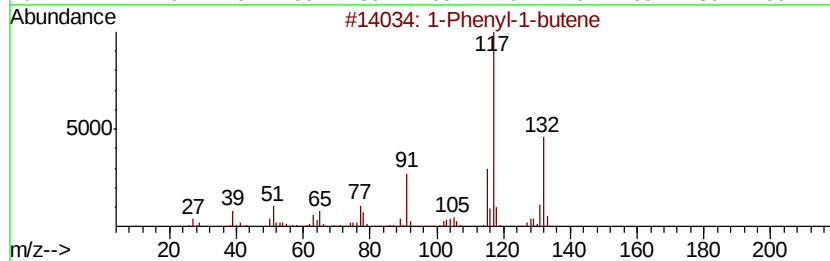
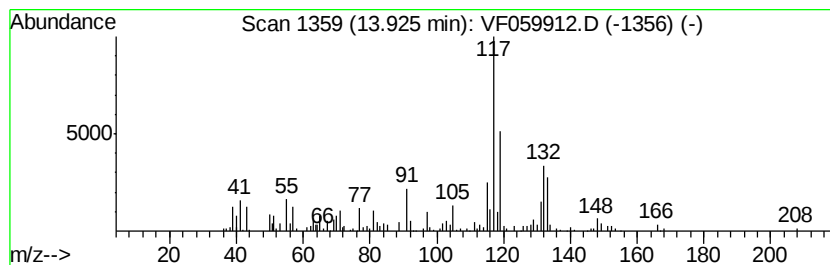
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	8.74 ug/l	129179	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



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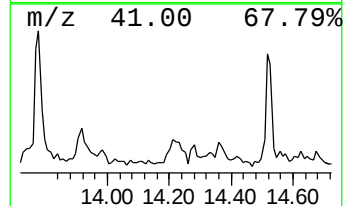
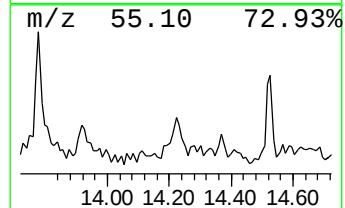
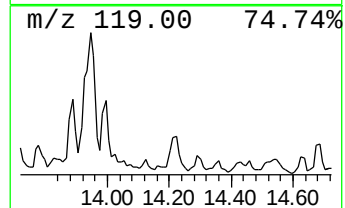
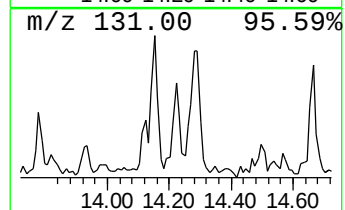
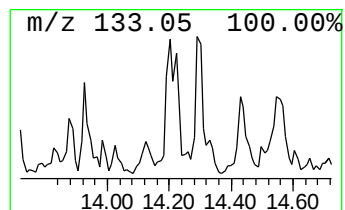
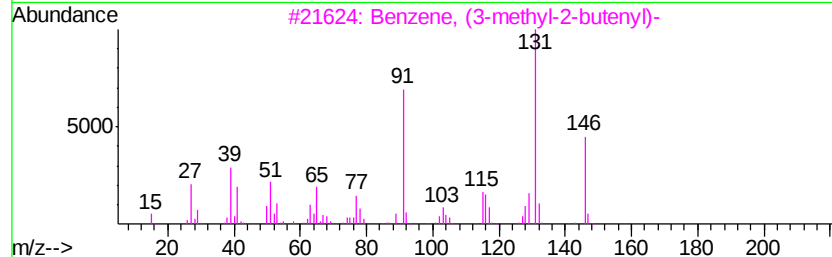
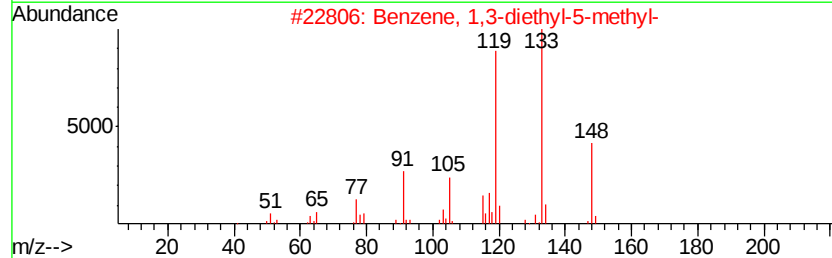
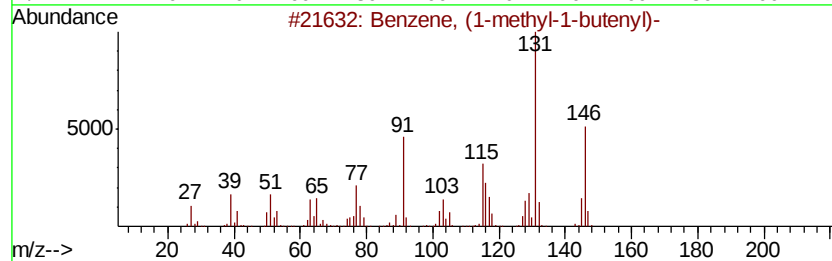
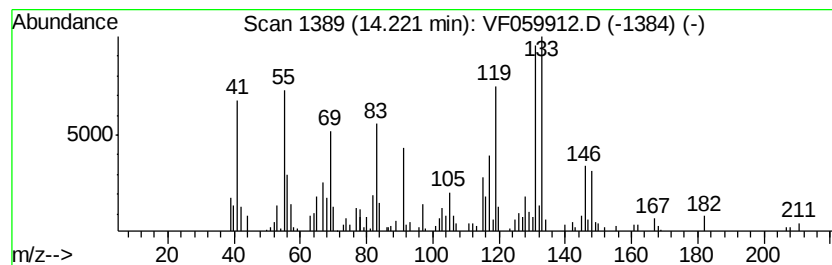
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	7.69 ug/l	113705	1,4-Dichlorobenzene-d4	12.63

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	35
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059912.D
Acq On : 7 Aug 2018 10:16
Operator : VA/AP
Sample : J4298-01
Misc : 3.82g/5mL/MSVOA F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WC-1

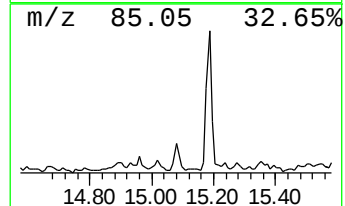
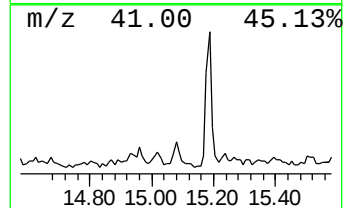
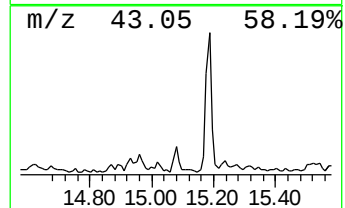
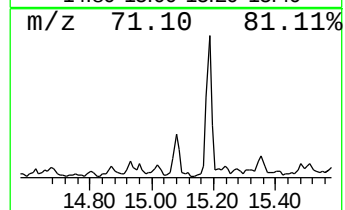
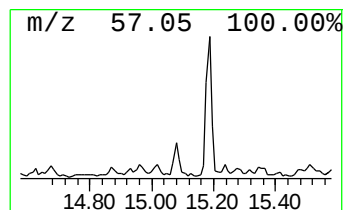
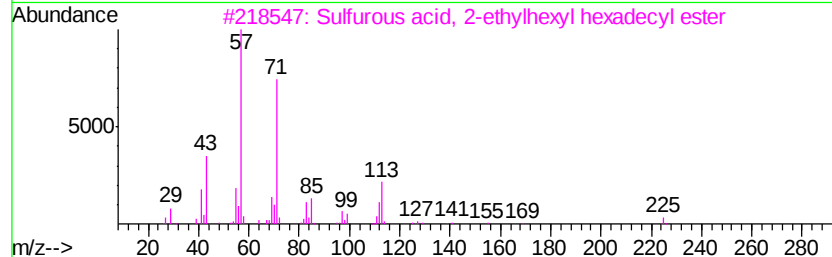
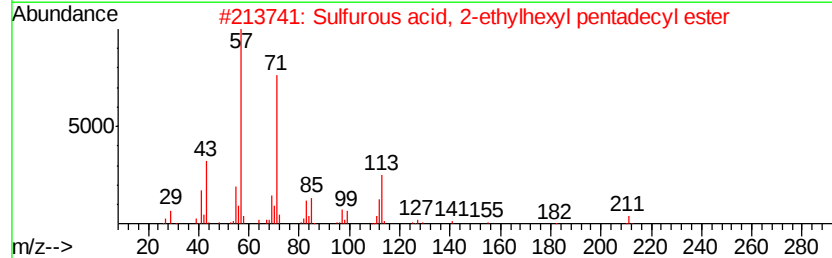
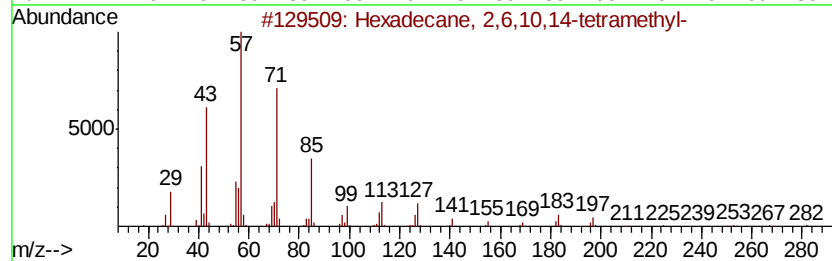
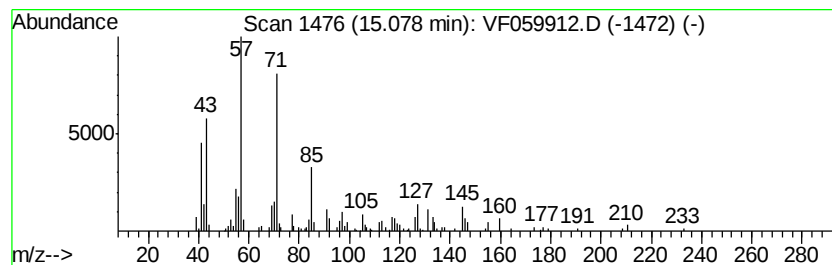
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Quant Title : SW846 8260

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

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	6.61 ug/l	97693	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42		000638-36-8	64
2	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S		1000309-19-8	58
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S		1000309-19-9	58
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S		1000309-19-7	53
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S		1000309-20-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059912.D
Acq On : 7 Aug 2018 10:16
Operator : VA/AP
Sample : J4298-01
Misc : 3.82g/5mL/MSVOA F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WC-1

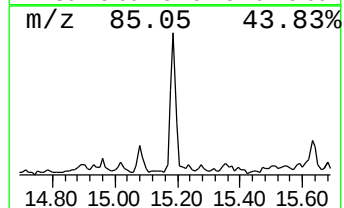
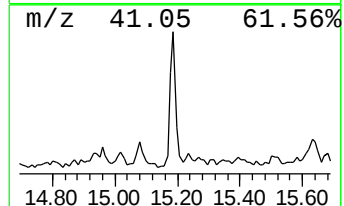
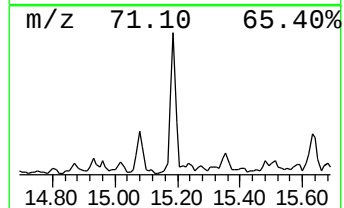
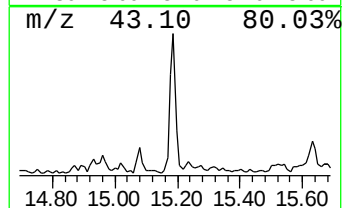
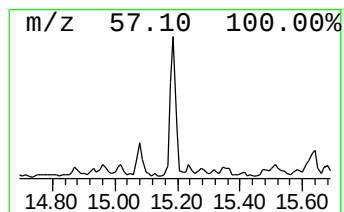
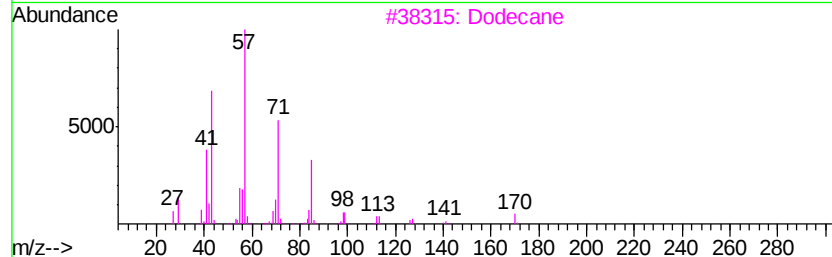
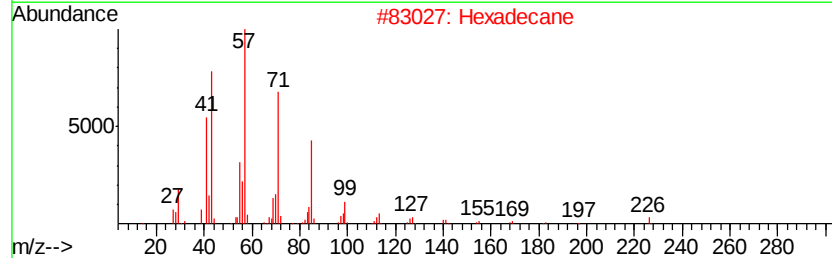
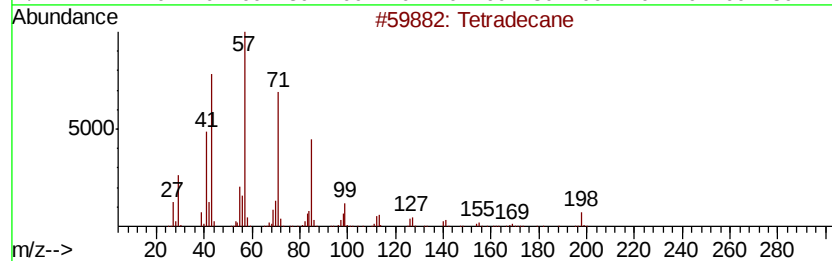
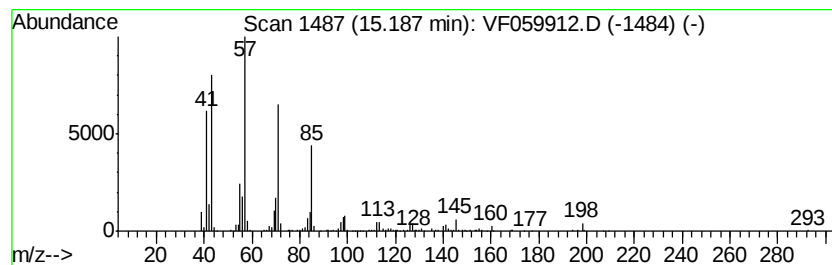
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Quant Title : SW846 8260

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

Peak Number 7 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	18.54 ug/l	273946	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	87
3		Dodecane	170	C12H26	000112-40-3	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059912.D
Acq On : 7 Aug 2018 10:16
Operator : VA/AP
Sample : J4298-01
Misc : 3.82g/5mL/MSVOA F/SOIL
ALS Vial : 38 Sample Multiplier: 1

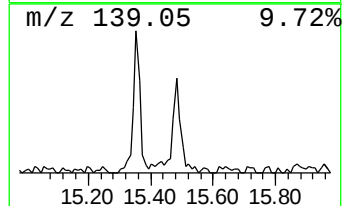
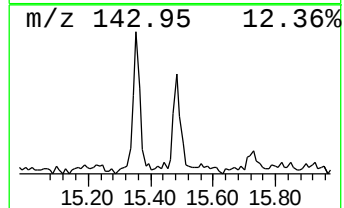
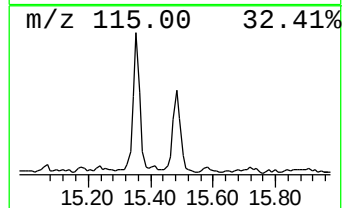
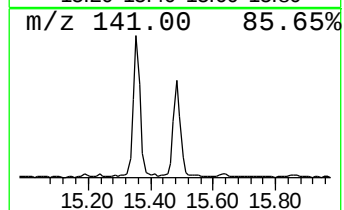
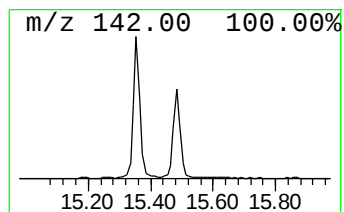
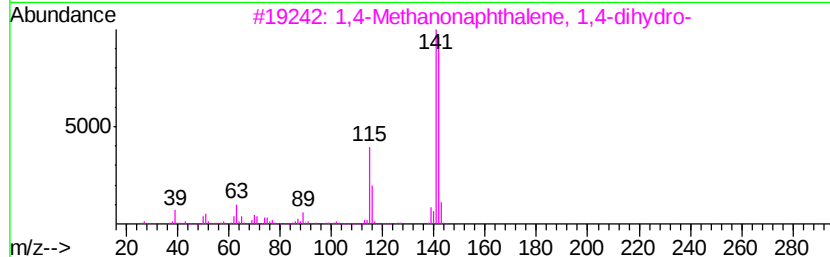
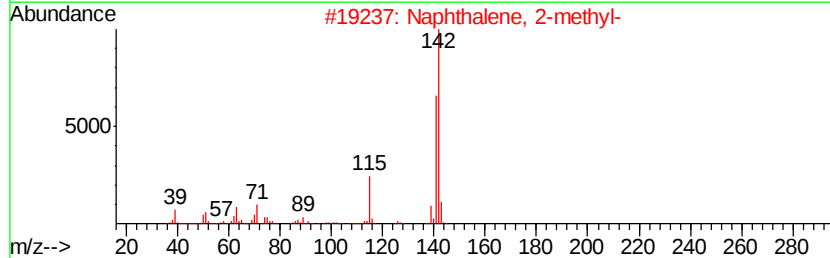
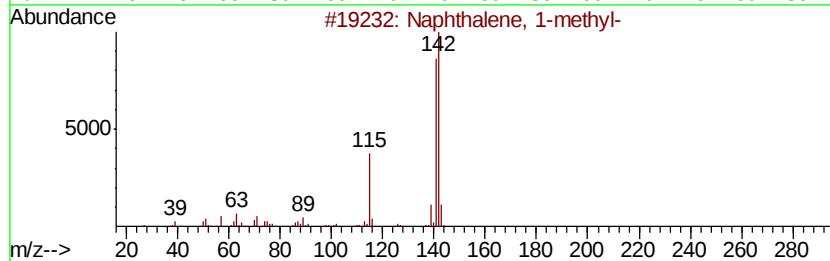
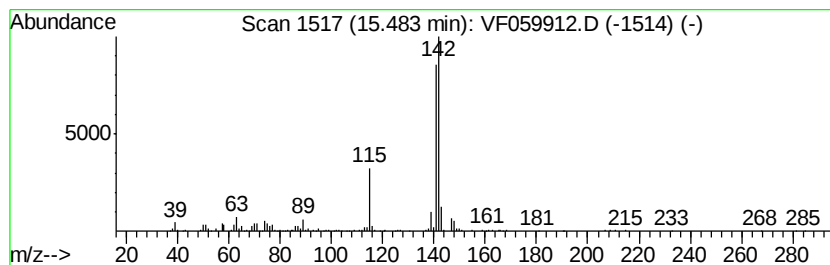
Instrument :
MSVOA_F
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	14.66 ug/l	216642	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		Spiro(tricyclo[6.2.1.0(2,7)]unde...	186 C13H14O	1000210-02-3 78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059912.D
Acq On : 7 Aug 2018 10:16
Operator : VA/AP
Sample : J4298-01
Misc : 3.82g/5mL/MSVOA F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
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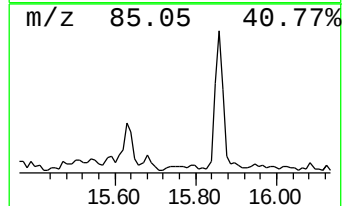
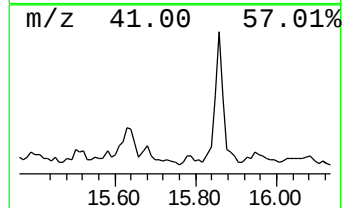
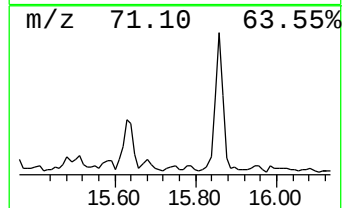
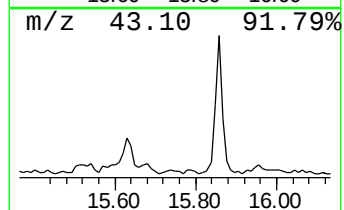
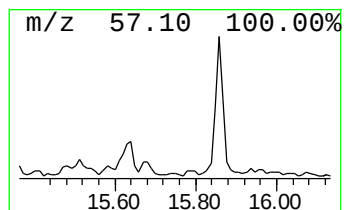
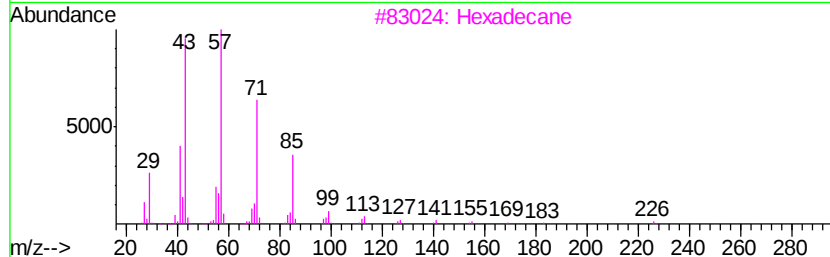
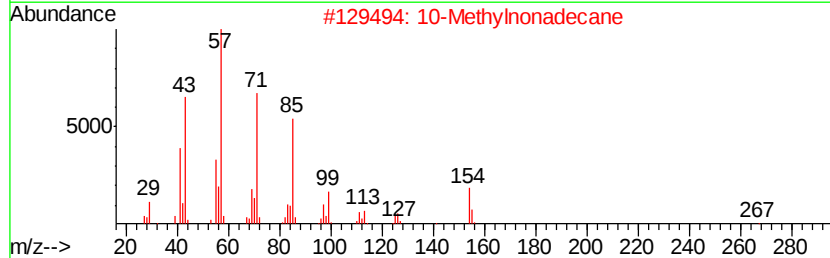
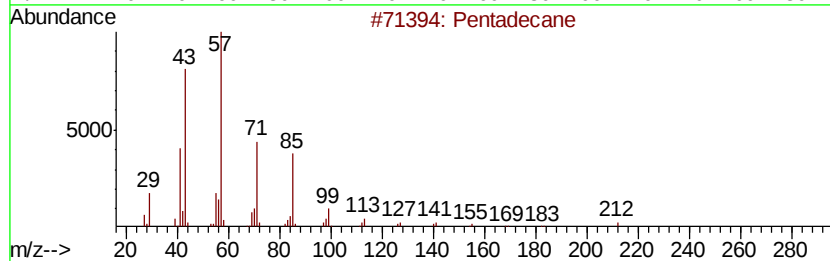
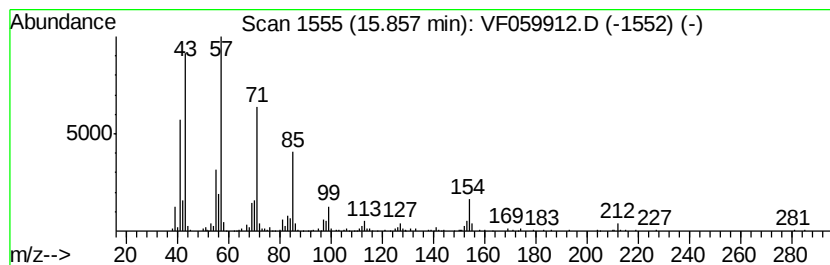
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Quant Title : SW846 8260

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

Peak Number 10 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	16.51 ug/l	243890	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	10-Methylnonadecane		282	C20H42	056862-62-5	86
3	Hexadecane		226	C16H34	000544-76-3	83
4	Tridecane		184	C13H28	000629-50-5	80
5	Nonadecane		268	C19H40	000629-92-5	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF080718\
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Acq On : 7 Aug 2018 10:16
Operator : VA/AP
Sample : J4298-01
Misc : 3.82g/5mL/MSVOA_F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WC-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.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	12.89	16.9	ug/l	249503	4	12.63	738836	50.0
Benzene, 1-ethyl-...	13.18	5.5	ug/l	80772	4	12.63	738836	50.0
1-Phenyl-1-butene	13.93	8.7	ug/l	129179	4	12.63	738836	50.0
Benzene, (1-methy...	14.22	7.7	ug/l	113705	4	12.63	738836	50.0
Hexadecane, 2,6,1...	15.08	6.6	ug/l	97693	4	12.63	738836	50.0
Tetradecane	15.19	18.5	ug/l	273946	4	12.63	738836	50.0
Naphthalene, 1-me...	15.48	14.7	ug/l	216642	4	12.63	738836	50.0
Pentadecane	15.86	16.5	ug/l	243890	4	12.63	738836	50.0