

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060751.D
 Acq On : 15 Nov 2018 17:19
 Operator : VA/AP
 Sample : J5767-15
 Misc : 6.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-D

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\82F111318S.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	1.011	37	39	41	rBV3	3790	5149	1.63%	0.206%
2	1.050	41	43	45	rBV2	4938	6860	2.18%	0.274%
3	1.090	45	47	49	rBV3	2690	5287	1.68%	0.211%
4	1.179	50	56	57	rVV5	2427	7853	2.49%	0.314%
5	1.751	112	114	115	rBV2	3015	5284	1.68%	0.211%
6	1.987	136	138	140	rVB3	3136	3228	1.02%	0.129%
7	2.185	155	158	160	rBV4	3219	7728	2.45%	0.309%
8	2.343	172	174	175	rBV2	3314	4354	1.38%	0.174%
9	2.362	175	176	180	rVV3	5451	10727	3.40%	0.429%
10	2.451	183	185	190	rVB2	6393	11279	3.58%	0.451%
11	2.777	216	218	221	rVB4	2182	3699	1.17%	0.148%
12	2.875	224	228	231	rVB5	1901	4776	1.52%	0.191%
13	3.033	242	244	248	rVB4	2099	4283	1.36%	0.171%
14	3.132	248	254	256	rBV4	1649	4166	1.32%	0.166%
15	3.191	258	260	264	rVB4	1920	3726	1.18%	0.149%
16	3.743	312	316	320	rBV4	1928	5369	1.70%	0.214%
17	3.852	322	327	331	rVV4	4869	12940	4.11%	0.517%
18	3.980	331	340	346	rVV2	12306	49555	15.73%	1.980%
19	4.108	346	353	360	rVB2	30894	98565	31.28%	3.937%
20	4.858	419	429	440	rBV4	94901	313543	99.51%	12.525%
21	5.588	495	503	511	rBV	101969	276913	87.89%	11.062%
22	5.716	515	516	520	rVB4	2514	3887	1.23%	0.155%
23	5.953	537	540	542	rBV3	1759	3331	1.06%	0.133%
24	6.624	606	608	612	rVB4	1759	3639	1.15%	0.145%
25	6.683	612	614	619	rVB4	2426	5114	1.62%	0.204%
26	7.541	696	701	713	rBV	112444	274784	87.21%	10.977%
27	8.192	765	767	771	rVB4	1667	3678	1.17%	0.147%
28	8.942	838	843	844	rBV3	1670	3903	1.24%	0.156%
29	8.971	844	846	850	rVB5	1304	3397	1.08%	0.136%
30	9.109	856	860	862	rBV5	2396	4954	1.57%	0.198%
31	9.218	865	871	872	rBV3	2874	6535	2.07%	0.261%
32	9.761	921	926	936	rBV	130822	315083	100.00%	12.586%
33	9.879	936	938	940	rVB3	2701	3444	1.09%	0.138%
34	10.027	950	953	957	rBV3	1386	3346	1.06%	0.134%

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35	10.392	987	990	993	rVB3	1924	3544	1.12%	0.142%
36	10.658	1015	1017	1021	rVV5	2690	6839	2.17%	0.273%
37	11.043	1052	1056	1059	rBV4	1530	3287	1.04%	0.131%
38	11.122	1062	1064	1066	rVB2	3041	4391	1.39%	0.175%
39	11.260	1075	1078	1081	rBV2	3125	6024	1.91%	0.241%
40	11.408	1089	1093	1100	rBV	95644	180754	57.37%	7.220%
41	11.556	1105	1108	1109	rBV3	4040	6745	2.14%	0.269%
42	11.714	1119	1124	1127	rBV4	3444	7820	2.48%	0.312%
43	11.871	1137	1140	1141	rBV2	3380	4840	1.54%	0.193%
44	11.941	1146	1147	1150	rVV3	2624	3787	1.20%	0.151%
45	12.197	1169	1173	1176	rVV2	7685	11552	3.67%	0.461%
46	12.276	1178	1181	1183	rBV4	1971	4763	1.51%	0.190%
47	12.542	1205	1208	1217	rBV	183220	291071	92.38%	11.627%
48	12.720	1223	1226	1228	rBV4	2453	5581	1.77%	0.223%
49	12.759	1228	1230	1232	rVV3	3042	4838	1.54%	0.193%
50	12.809	1232	1235	1236	rVV3	3450	6031	1.91%	0.241%
51	12.838	1236	1238	1240	rVB3	4158	5412	1.72%	0.216%
52	12.868	1240	1241	1245	rVB3	2383	3576	1.13%	0.143%
53	13.075	1260	1262	1264	rVV3	2500	5342	1.70%	0.213%
54	13.341	1280	1289	1296	rVB10	9679	43803	13.90%	1.750%
55	13.489	1298	1304	1307	rBV7	5396	17663	5.61%	0.706%
56	13.539	1307	1309	1311	rBV3	3615	6078	1.93%	0.243%
57	13.627	1316	1318	1321	rVV4	2842	5306	1.68%	0.212%
58	13.706	1323	1326	1329	rBV5	6176	14000	4.44%	0.559%
59	13.746	1329	1330	1332	rVV2	4985	6176	1.96%	0.247%
60	13.785	1332	1334	1337	rVV3	4281	8258	2.62%	0.330%
61	13.834	1337	1339	1340	rVV2	3660	4545	1.44%	0.182%
62	13.913	1341	1347	1350	rVV6	12112	40685	12.91%	1.625%
63	13.992	1350	1355	1361	rVV6	12702	44914	14.25%	1.794%
64	14.081	1361	1364	1370	rVV7	4426	14115	4.48%	0.564%
65	14.190	1373	1375	1377	rVV3	4228	5911	1.88%	0.236%
66	14.288	1380	1385	1389	rVB5	11007	39455	12.52%	1.576%
67	14.416	1396	1398	1400	rBV3	2167	3773	1.20%	0.151%
68	14.466	1400	1403	1406	rVV2	22408	35699	11.33%	1.426%
69	14.505	1406	1407	1408	rVV	20467	17183	5.45%	0.686%
70	14.545	1408	1411	1414	rVB	39588	58271	18.49%	2.328%
71	14.594	1414	1416	1417	rBV2	3535	4159	1.32%	0.166%

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72	14.712	1425	1428	1433	rVB6	10204	28792	9.14%	1.150%
73	14.880	1443	1445	1447	rBV3	3162	5182	1.64%	0.207%
74	14.998	1455	1457	1459	rBV3	4841	8286	2.63%	0.331%
75	15.137	1468	1471	1473	rBV4	2417	4478	1.42%	0.179%
76	15.235	1478	1481	1482	rBV3	2708	4773	1.51%	0.191%
77	15.275	1482	1485	1490	rVB5	6626	14618	4.64%	0.584%
78	15.393	1496	1497	1501	rVB4	5525	8221	2.61%	0.328%
79	15.620	1519	1520	1523	rBV2	2655	3393	1.08%	0.136%
80	15.758	1532	1534	1536	rVB3	2521	3925	1.25%	0.157%
81	16.014	1558	1560	1563	rBV4	2111	5145	1.63%	0.206%

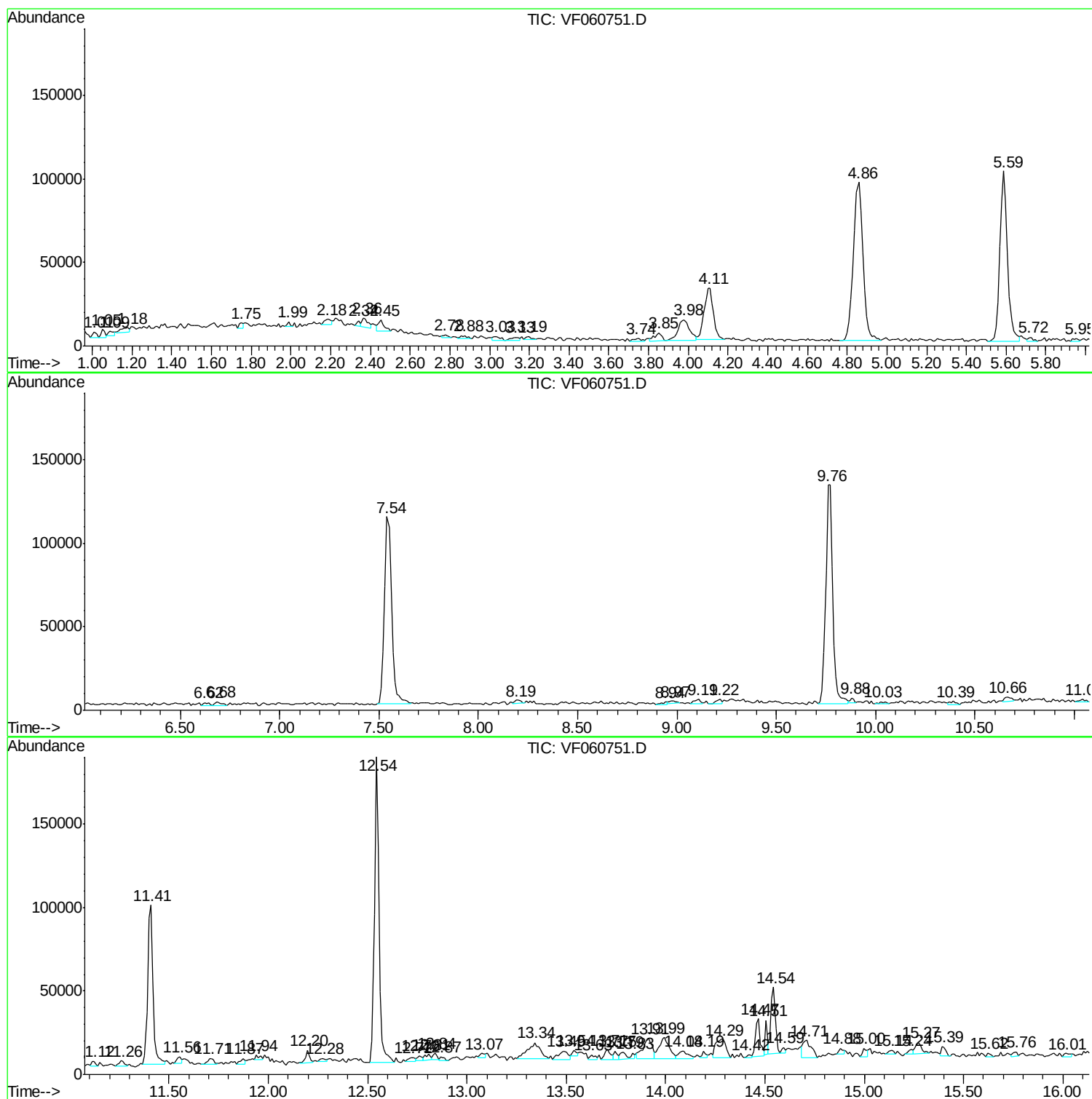
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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF111518\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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



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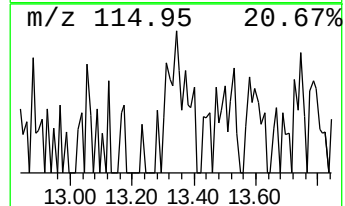
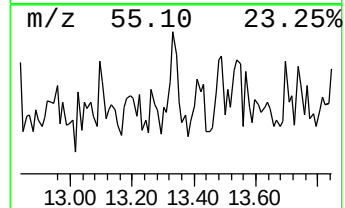
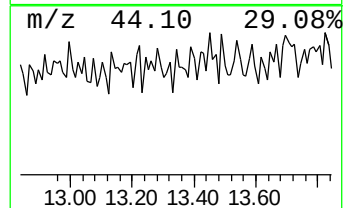
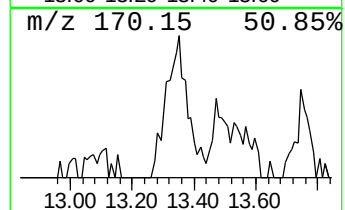
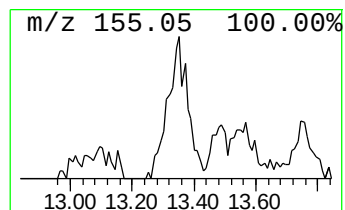
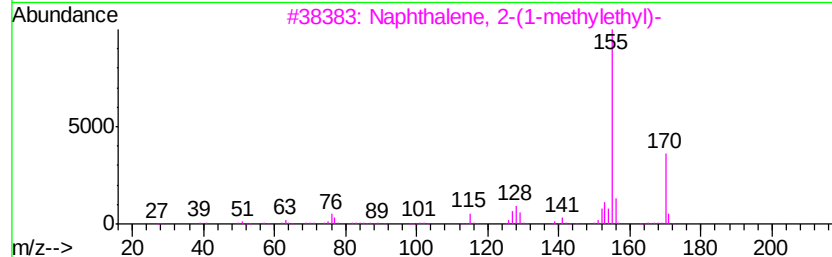
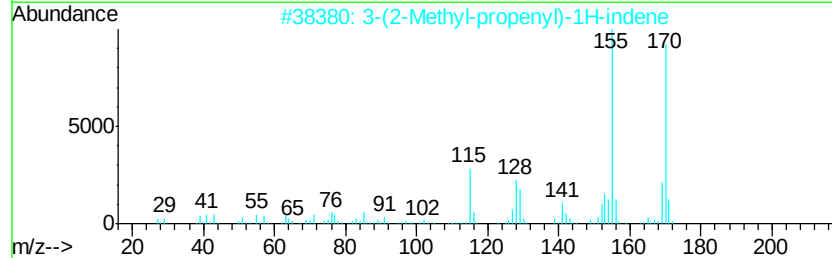
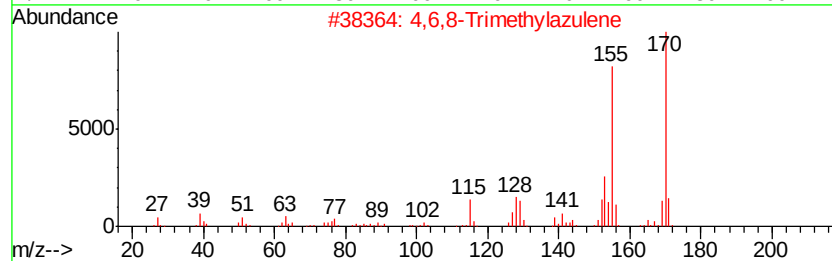
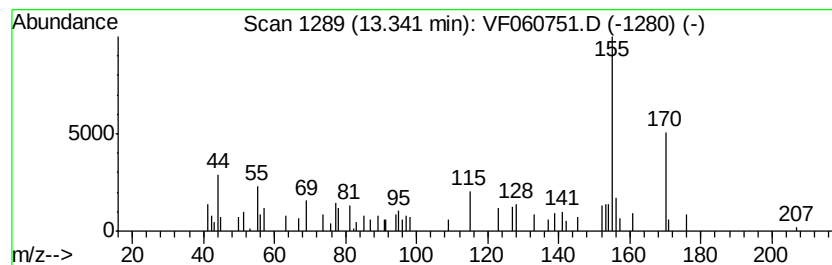
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 2 4,6,8-Trimethylazulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.34	7.52 ug/l	43803	1,4-Dichlorobenzene-d4	12.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90	
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90	
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90	
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83	
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	80	



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ALS Vial : 16 Sample Multiplier: 1

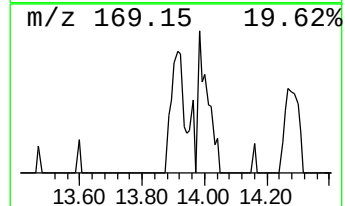
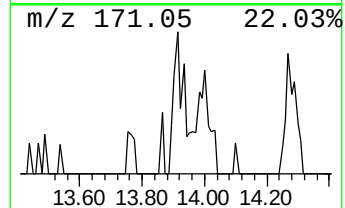
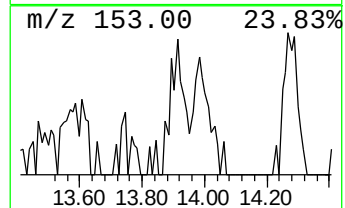
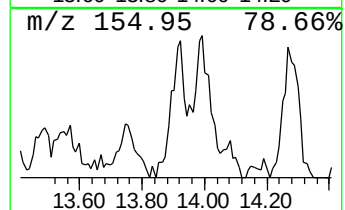
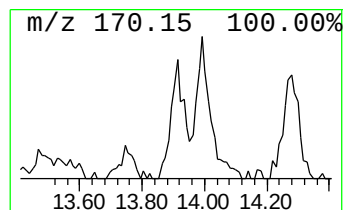
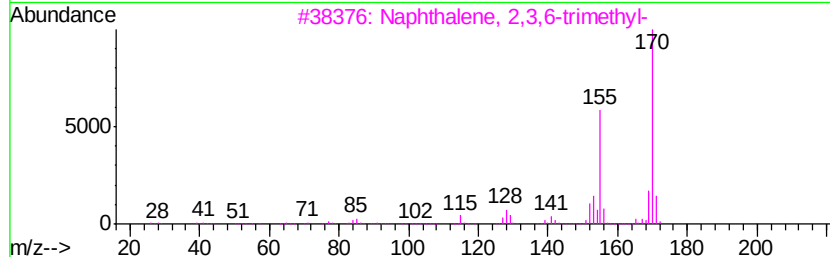
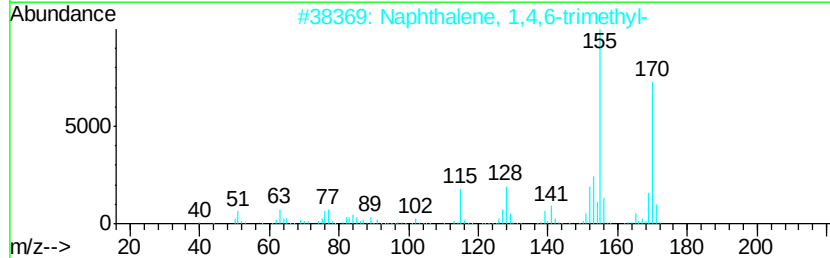
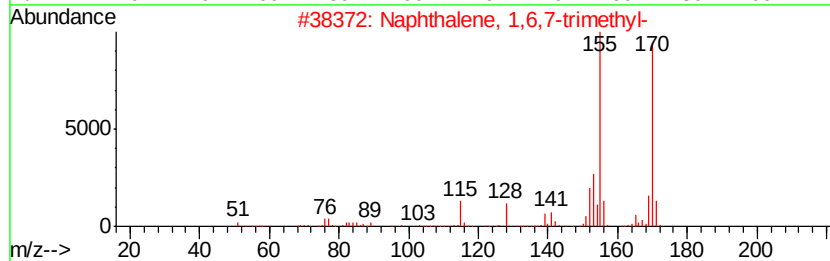
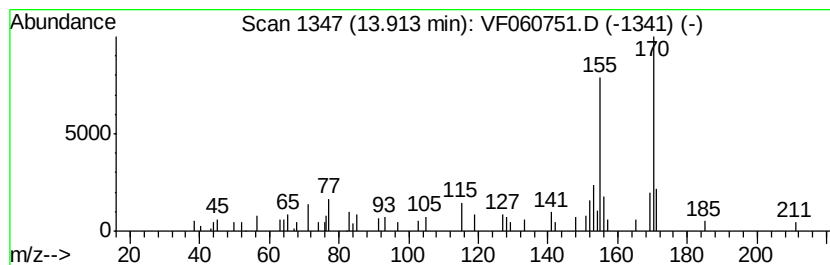
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ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.91	6.99 ug/l	40685	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83



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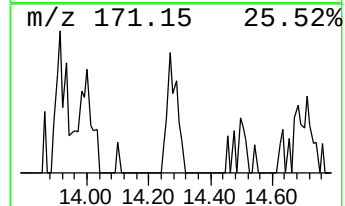
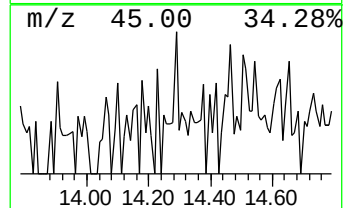
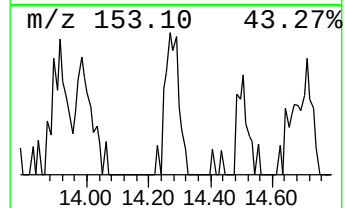
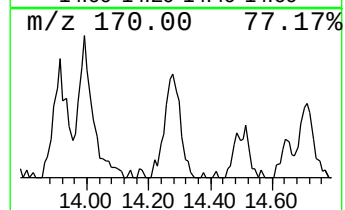
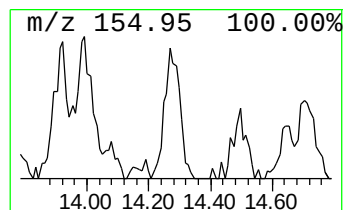
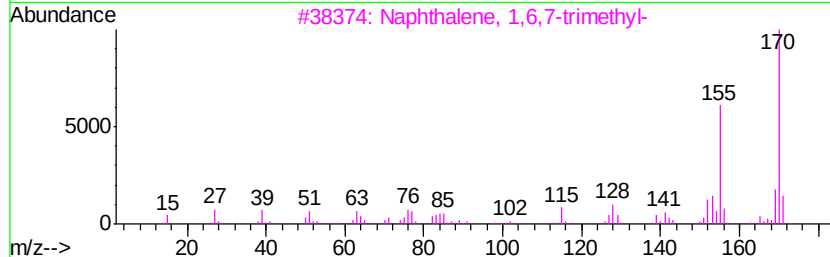
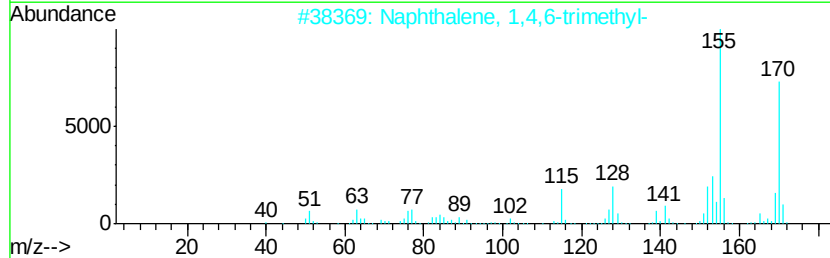
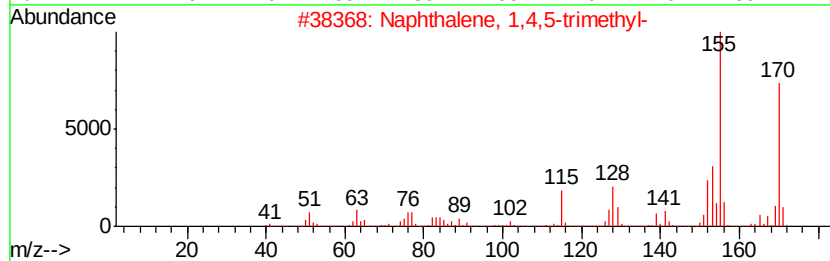
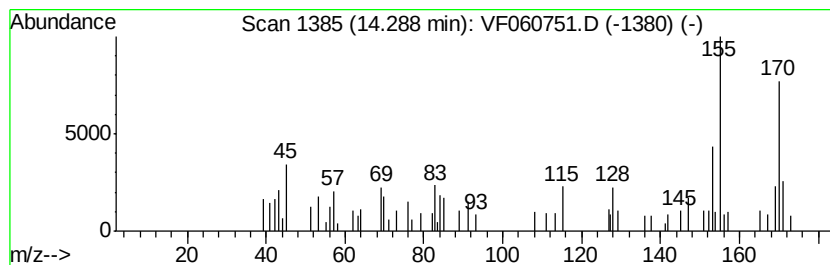
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.29	6.78 ug/l	39455	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	52
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	52
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	43
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	38



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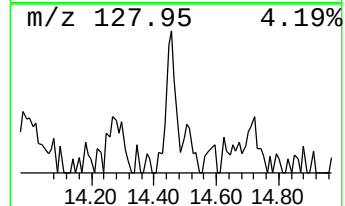
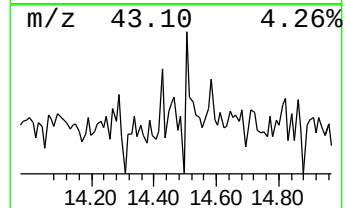
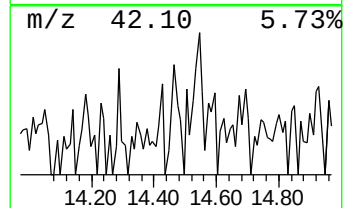
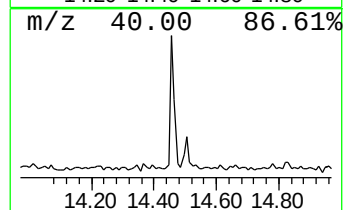
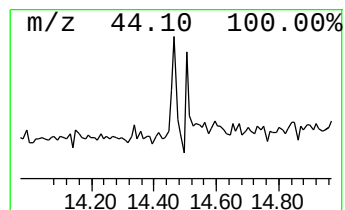
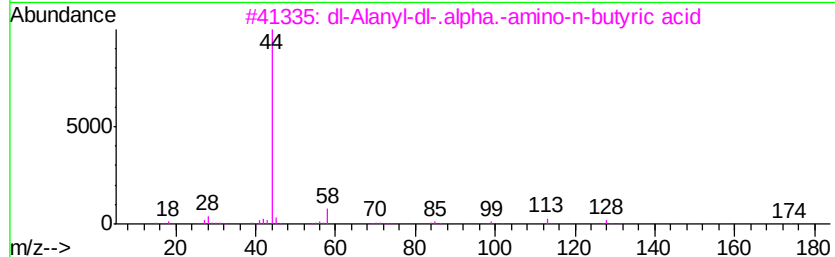
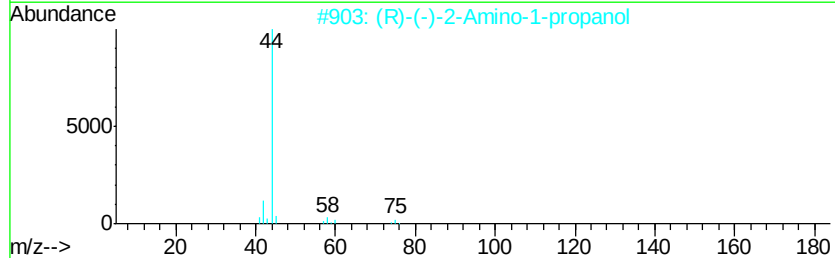
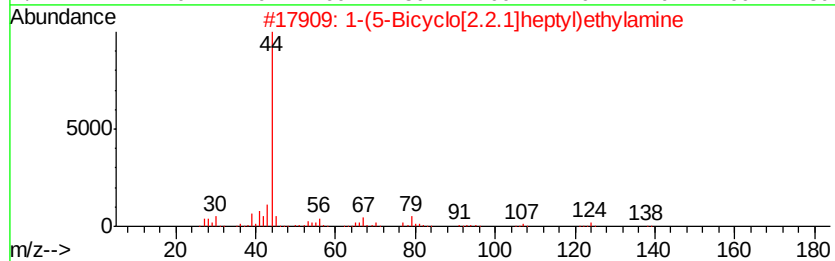
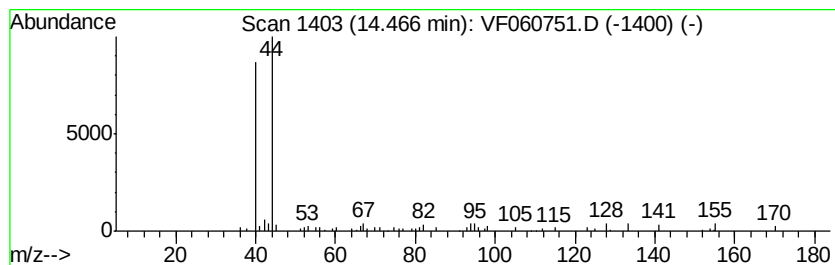
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.47 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.13 ug/l	35699	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(5-Bicyclo[2.2.1]heptyl)ethylamine	139	C9H17N	1000222-20-9	36
2		(R)-(-)-2-Amino-1-propanol	75	C3H9NO	035320-23-1	36
3		dl-Alanyl-dl-.alpha.-amino-n-but...	174	C7H14N2O3	003914-53-2	36
4		Octodrine	129	C8H19N	000543-82-8	9
5		Propanenitrile, 3-amino-2,3-di(h...	128	C3H4N4O2	206363-14-6	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060751.D
Acq On : 15 Nov 2018 17:19
Operator : VA/AP
Sample : J5767-15
Misc : 6.22g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

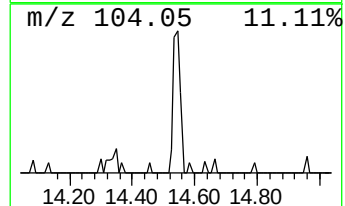
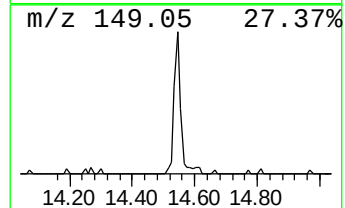
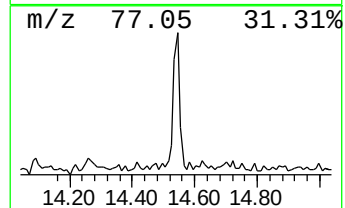
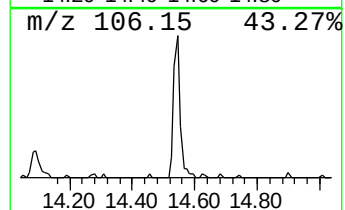
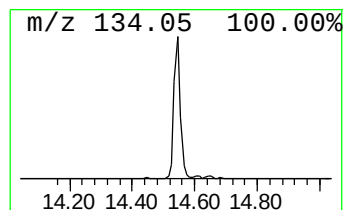
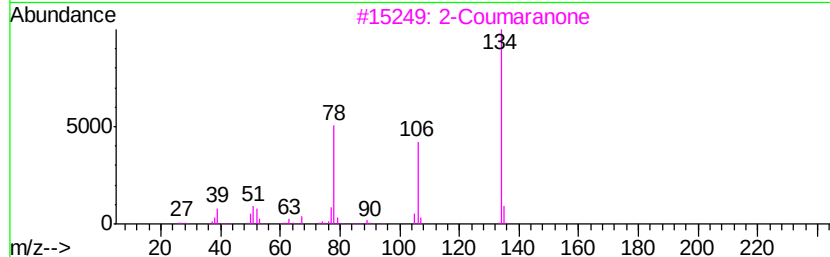
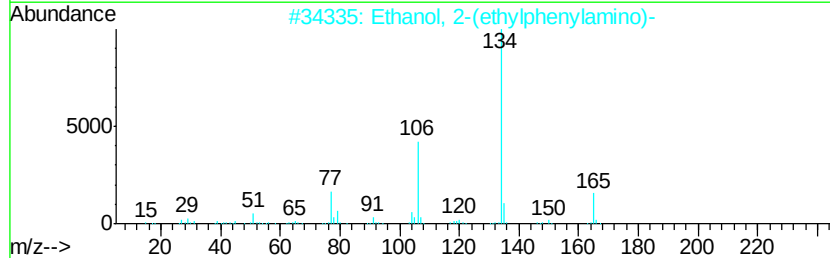
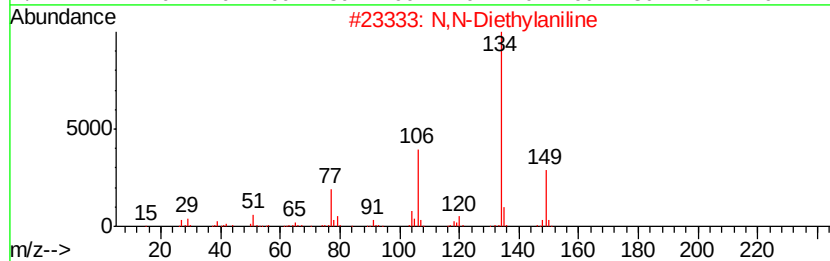
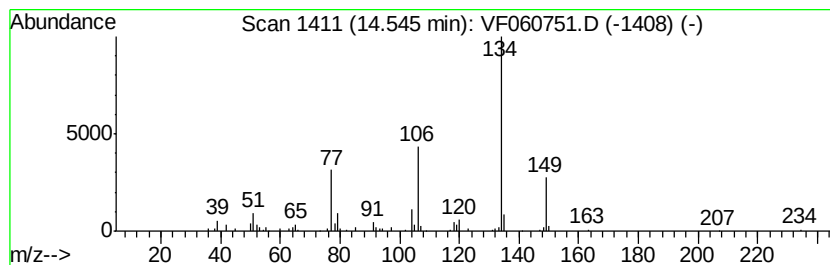
Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 7 N,N-Diethylaniline Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	10.01 ug/l	58271	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N,N-Diethylaniline	149 C10H15N	000091-66-7 90
2		Ethanol, 2-(ethylphenylamino)-	165 C10H15NO	000092-50-2 59
3		2-Coumaranone	134 C8H6O2	000553-86-6 58
4		Propanenitrile, 3-(ethylphenylam...	174 C11H14N2	000148-87-8 50
5		N-(2-Chloroethyl)-N-ethylaniline	183 C10H14ClN	000092-49-9 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060751.D
Acq On : 15 Nov 2018 17:19
Operator : VA/AP
Sample : J5767-15
Misc : 6.22g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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
4,6,8-Trimethylaz...	13.34	7.5	ug/l	43803	4	12.54	291071	50.0
Naphthalene, 1,6,...	13.91	7.0	ug/l	40685	4	12.54	291071	50.0
Naphthalene, 1,4,...	14.29	6.8	ug/l	39455	4	12.54	291071	50.0
unknown14.47	14.47	6.1	ug/l	35699	4	12.54	291071	50.0
N,N-Diethylaniline	14.54	10.0	ug/l	58271	4	12.54	291071	50.0