

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
 Data File : VF060182.D
 Acq On : 29 Aug 2018 8:17
 Operator : VA/AP
 Sample : J4274-05
 Misc : 6.29g/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-01-082718

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\82F082918S.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	1.091	54	57	59	rBV2	9917	12961	2.46%	0.363%
2	1.358	78	84	89	rBV7	4939	17125	3.25%	0.479%
3	2.087	154	158	162	rVB4	3455	9121	1.73%	0.255%
4	2.274	173	177	180	rBV2	16352	37436	7.11%	1.048%
5	2.324	180	182	191	rVV	14137	31515	5.98%	0.882%
6	2.481	191	198	205	rVB6	4991	14883	2.83%	0.417%
7	4.137	360	366	369	rBV2	2552	8807	1.67%	0.247%
8	4.285	374	381	391	rBV2	69397	209458	39.78%	5.864%
9	5.034	448	457	468	rBV2	157434	526597	100.00%	14.743%
10	5.754	523	530	541	rBV	148802	407359	77.36%	11.404%
11	7.706	721	728	733	rBV	155591	358760	68.13%	10.044%
12	7.775	733	735	744	rVB	15583	31598	6.00%	0.885%
13	8.356	788	794	798	rBV2	3947	11386	2.16%	0.319%
14	9.303	889	890	893	rBV	9372	8061	1.53%	0.226%
15	9.914	947	952	961	rBV	189516	419347	79.63%	11.740%
16	10.032	961	964	968	rVV4	2927	7756	1.47%	0.217%
17	11.511	1110	1114	1124	rBV	168833	286813	54.47%	8.030%
18	11.806	1139	1144	1148	rVV2	7295	17220	3.27%	0.482%
19	11.915	1152	1155	1159	rVB2	6226	9773	1.86%	0.274%
20	12.102	1171	1174	1178	rVB	7529	11903	2.26%	0.333%
21	12.289	1190	1193	1198	rVB	12031	21282	4.04%	0.596%
22	12.378	1198	1202	1208	rVB4	3432	7927	1.51%	0.222%
23	12.506	1212	1215	1217	rBV4	3902	5957	1.13%	0.167%
24	12.546	1217	1219	1222	rVB3	3484	5843	1.11%	0.164%
25	12.624	1224	1227	1231	rBV	204393	322305	61.21%	9.023%
26	12.684	1231	1233	1240	rVB	21548	38942	7.40%	1.090%
27	12.802	1240	1245	1247	rBV2	12373	25313	4.81%	0.709%
28	12.841	1247	1249	1251	rVV	8252	12508	2.38%	0.350%
29	12.900	1251	1255	1263	rVB3	13312	36683	6.97%	1.027%
30	13.009	1263	1266	1267	rBV2	4107	7031	1.34%	0.197%
31	13.078	1270	1273	1278	rVB	8213	14317	2.72%	0.401%
32	13.167	1278	1282	1285	rBV	13639	27225	5.17%	0.762%
33	13.226	1285	1288	1292	rBV3	12233	24227	4.60%	0.678%
34	13.295	1292	1295	1300	rVB3	12813	30984	5.88%	0.867%

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35	13.452	1308	1311	1313	rBV2	4149	6756	1.28%	0.189%
36	13.492	1313	1315	1319	rVB2	3149	6130	1.16%	0.172%
37	13.561	1319	1322	1324	rVB2	7195	8720	1.66%	0.244%
38	13.610	1324	1327	1328	rBV2	8533	13171	2.50%	0.369%
39	13.650	1328	1331	1333	rVB3	4876	7023	1.33%	0.197%
40	13.778	1340	1344	1347	rVV2	20541	34005	6.46%	0.952%
41	13.817	1347	1348	1351	rVB3	6109	7993	1.52%	0.224%
42	13.876	1351	1354	1356	rBV	5226	7730	1.47%	0.216%
43	13.916	1356	1358	1362	rVV2	34181	60062	11.41%	1.682%
44	13.975	1362	1364	1367	rVB4	7331	12233	2.32%	0.342%
45	14.034	1367	1370	1374	rVB	24994	37914	7.20%	1.061%
46	14.142	1375	1381	1384	rBV2	8839	17659	3.35%	0.494%
47	14.211	1384	1388	1391	rBV5	13655	30013	5.70%	0.840%
48	14.280	1391	1395	1400	rVB2	14532	30782	5.85%	0.862%
49	14.478	1412	1415	1417	rVV2	10432	17978	3.41%	0.503%
50	14.517	1417	1419	1422	rVV	21815	34381	6.53%	0.963%
51	14.655	1431	1433	1437	rVB4	11841	15614	2.97%	0.437%
52	14.734	1440	1441	1445	rBV3	2793	6051	1.15%	0.169%
53	14.803	1445	1448	1451	rVB	27745	40937	7.77%	1.146%
54	14.931	1459	1461	1465	rVB4	5635	11290	2.14%	0.316%
55	15.059	1470	1474	1477	rVB3	18547	31102	5.91%	0.871%
56	15.108	1477	1479	1482	rBV3	2798	6221	1.18%	0.174%
57	15.168	1482	1485	1488	rBV2	18049	30075	5.71%	0.842%
58	15.345	1500	1503	1506	rVV2	13652	18656	3.54%	0.522%
59	15.414	1506	1510	1513	rVV4	6761	16147	3.07%	0.452%
60	15.473	1513	1516	1519	rVB	16215	24906	4.73%	0.697%
61	15.710	1536	1540	1543	rBV5	7274	14282	2.71%	0.400%
62	15.877	1554	1557	1558	rVV3	3214	5665	1.08%	0.159%

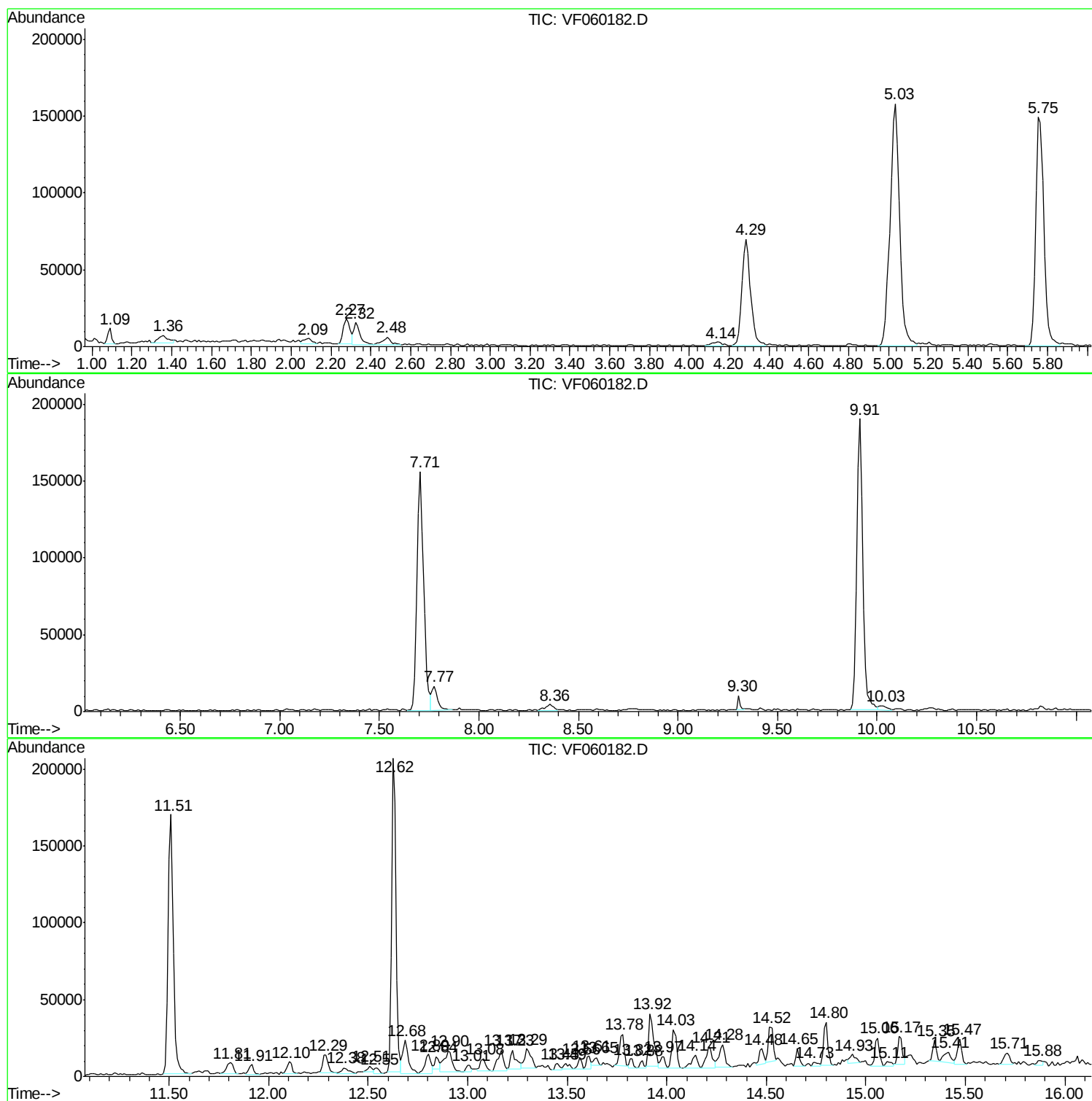
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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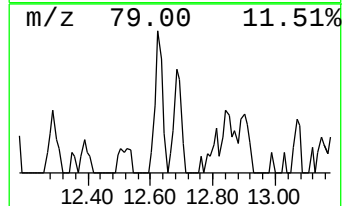
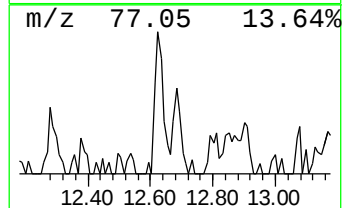
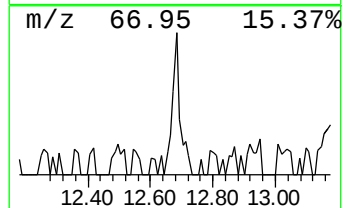
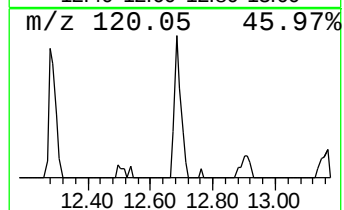
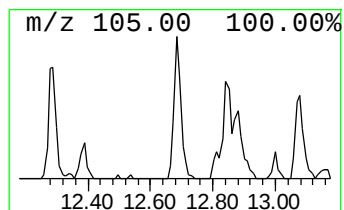
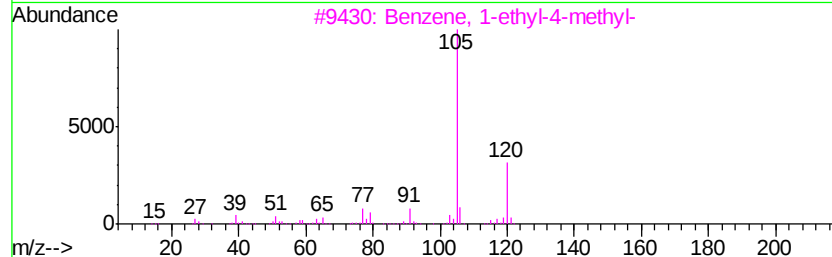
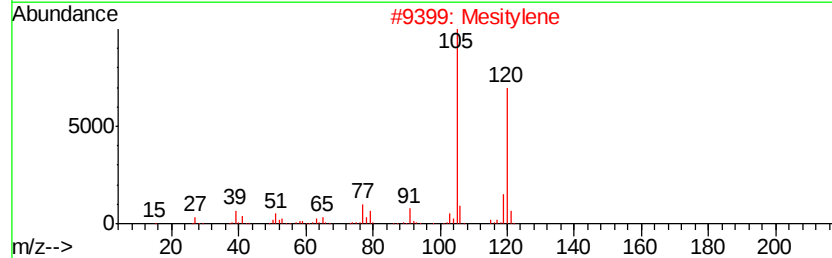
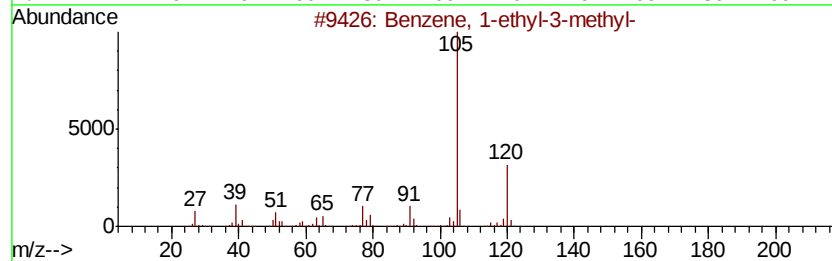
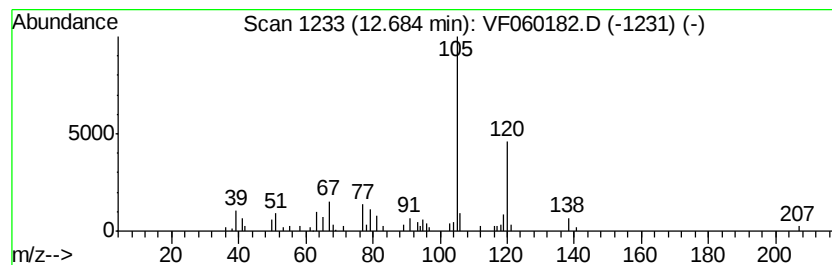
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	6.04 ug/l	38942	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	68
2		Mesitylene	120	C9H12	000108-67-8	68
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
4		2,4-Nonadiyne	120	C9H12	063621-15-8	58
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58



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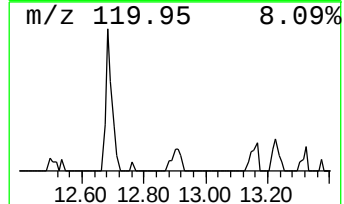
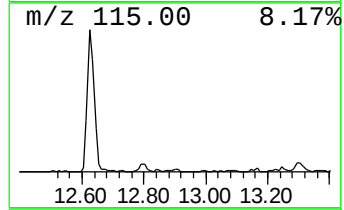
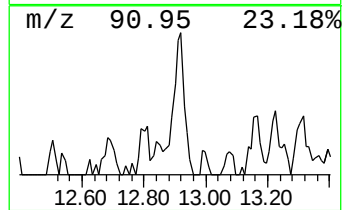
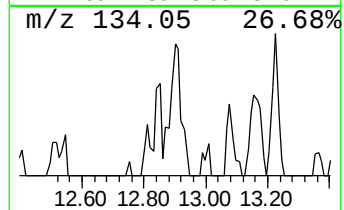
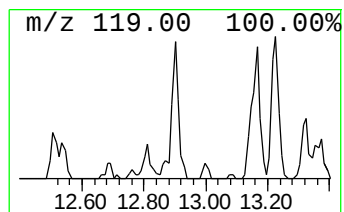
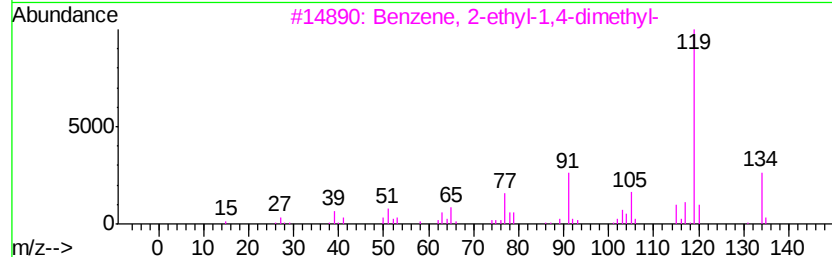
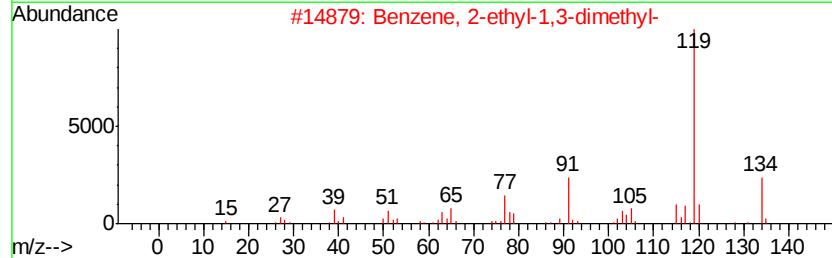
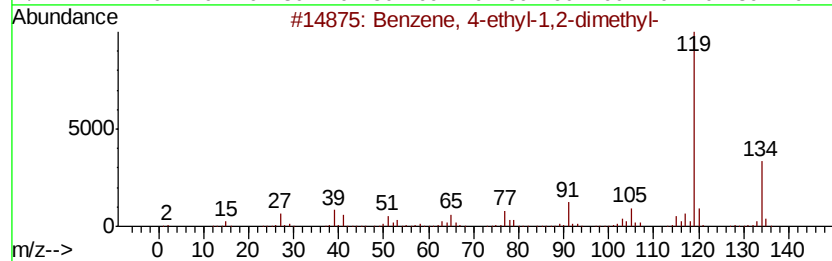
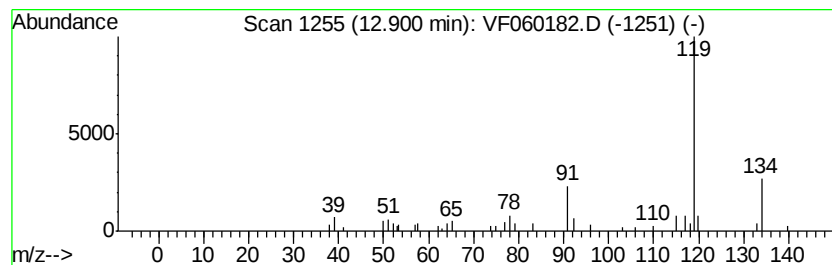
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.69 ug/l	36683	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
5		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	78



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Misc : 6.29g/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

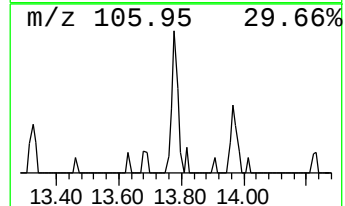
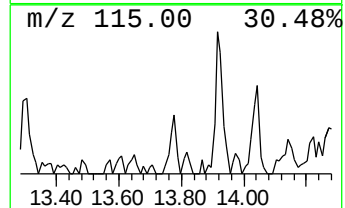
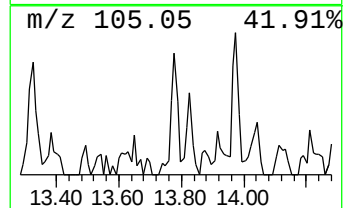
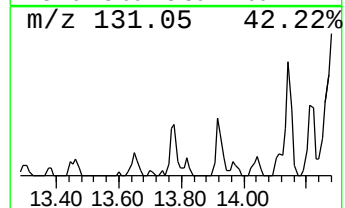
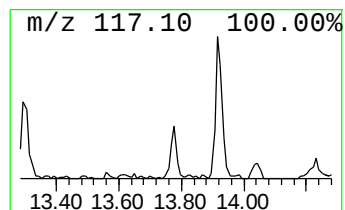
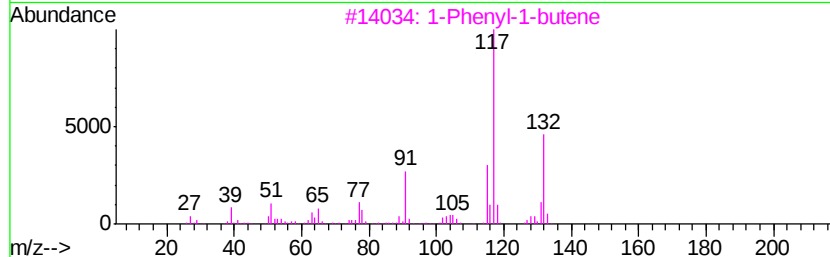
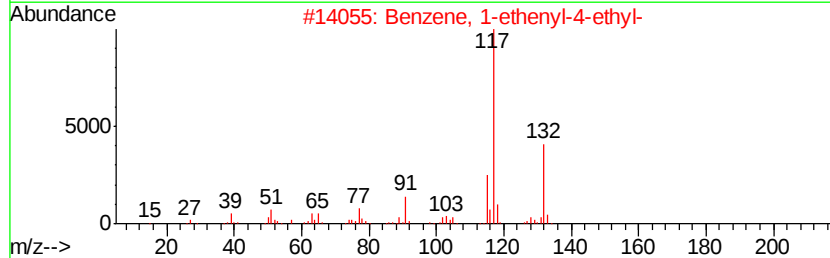
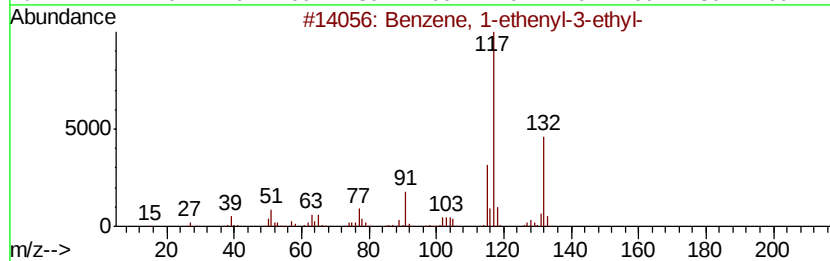
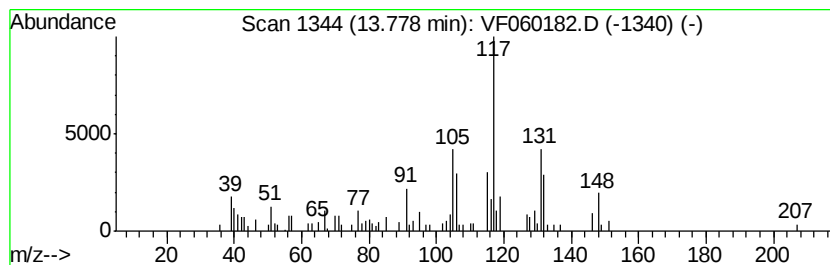
Instrument :
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ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.78	5.28 ug/l	34005	1,4-Dichlorobenzene-d4	12.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	53
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	49
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	49



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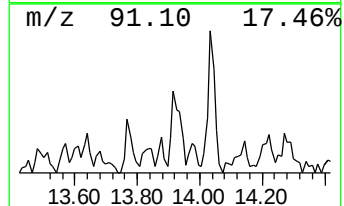
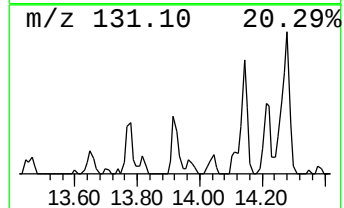
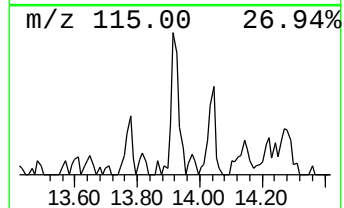
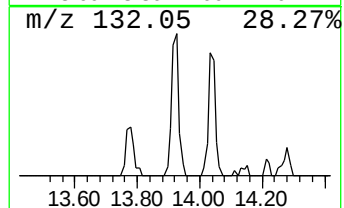
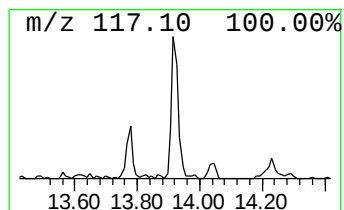
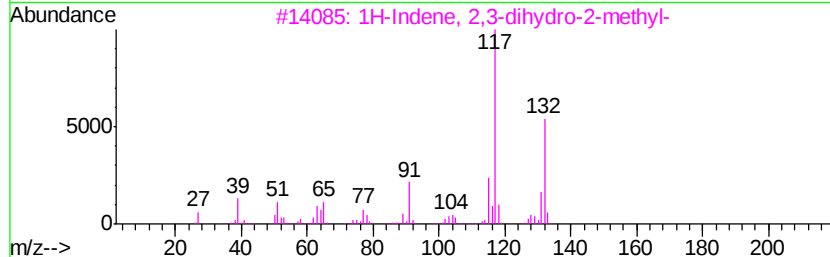
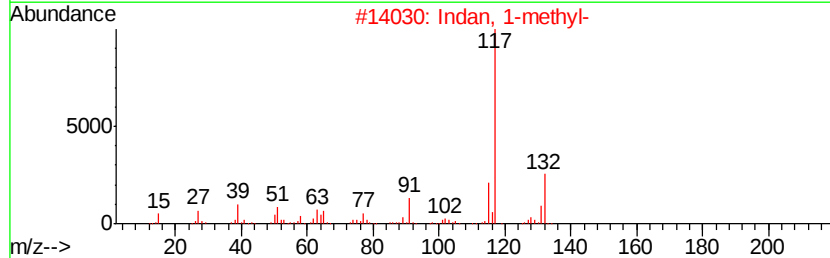
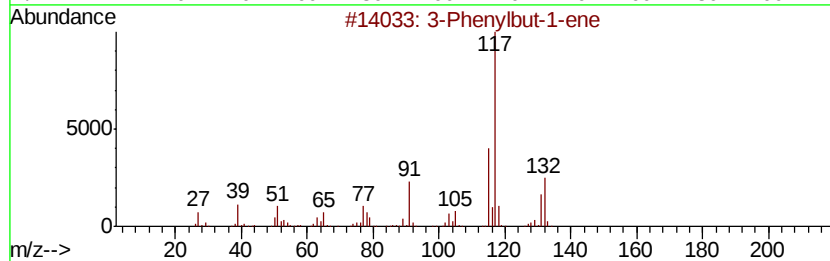
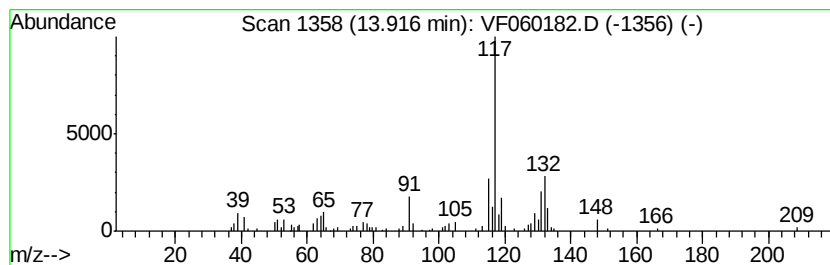
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	9.32 ug/l	60062	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2		Indan, 1-methyl-	132	C10H12	000767-58-8	64
3		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64



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ClientSampleId :
HD-01-082718

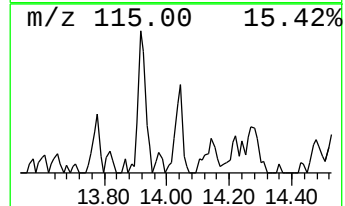
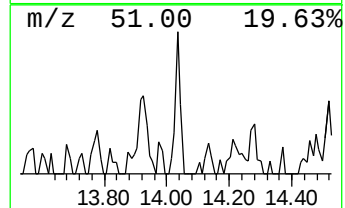
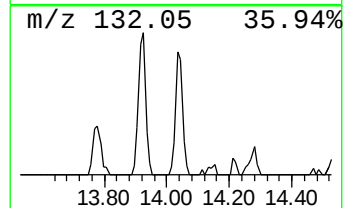
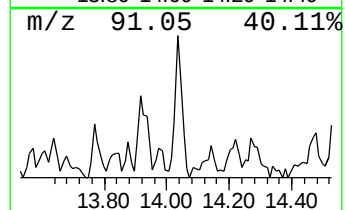
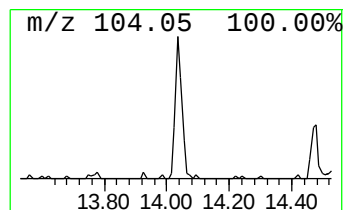
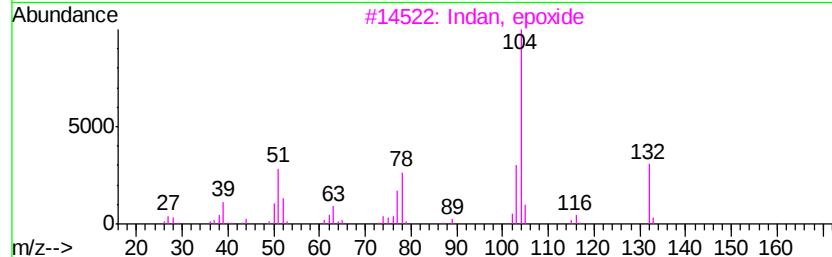
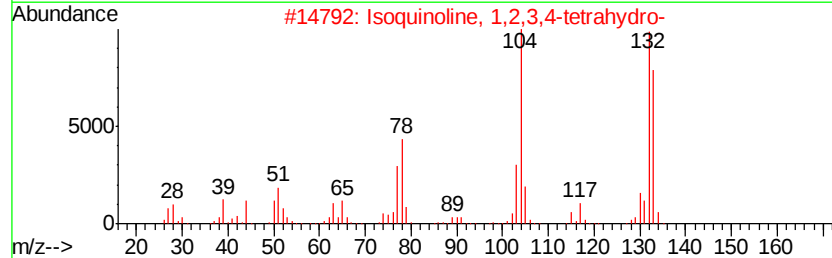
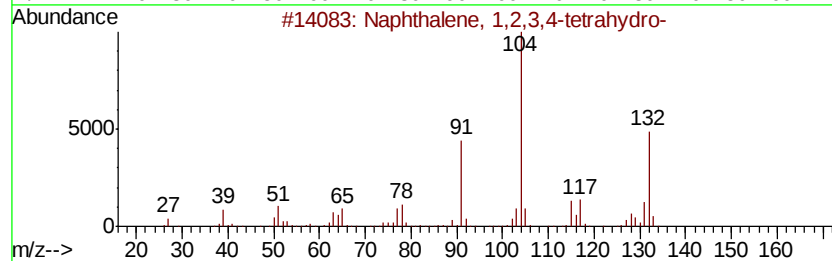
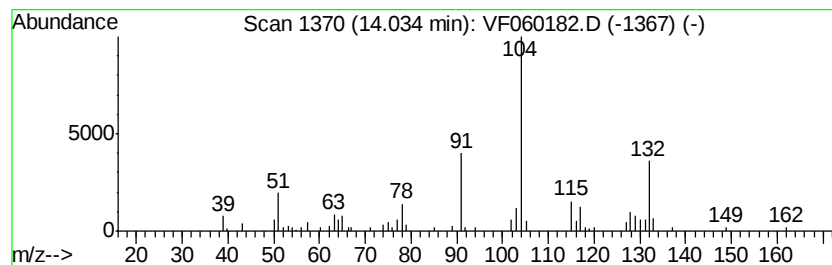
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	5.88 ug/l	37914	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
2		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	53
3		Indan, epoxide	132	C9H8O	000768-22-9	52
4		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	52
5		Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082918\
Data File : VF060182.D
Acq On : 29 Aug 2018 8:17
Operator : VA/AP
Sample : J4274-05
Misc : 6.29g/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

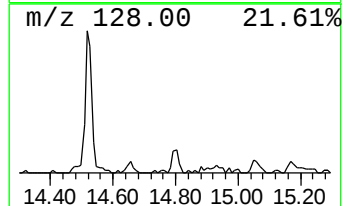
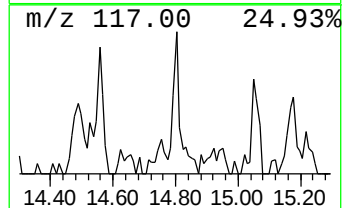
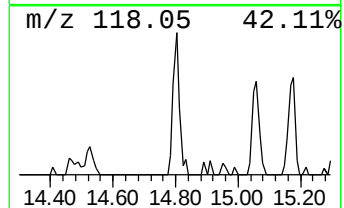
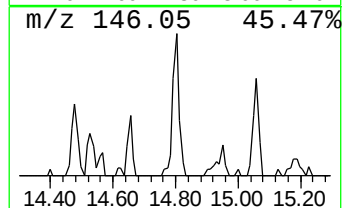
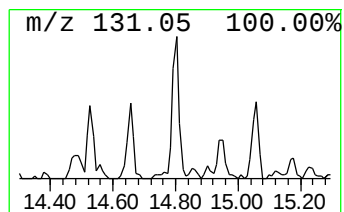
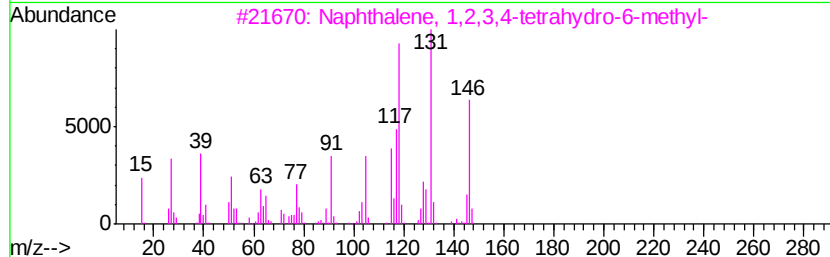
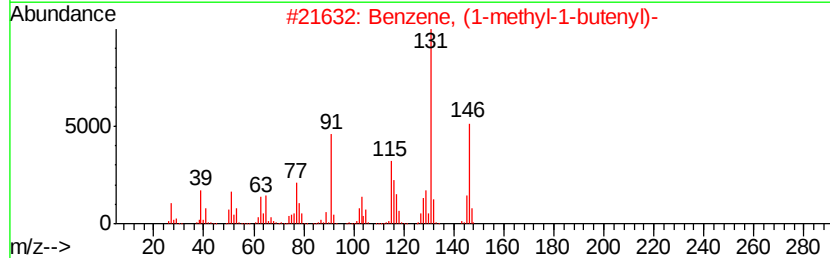
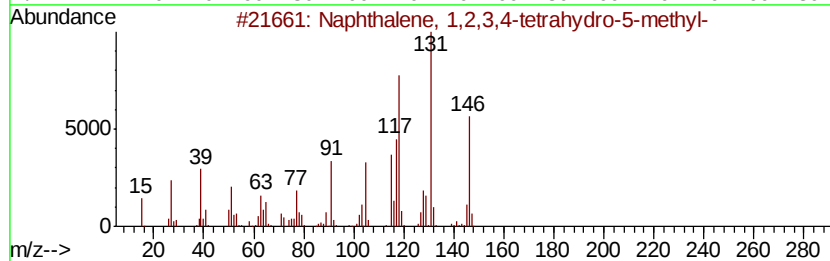
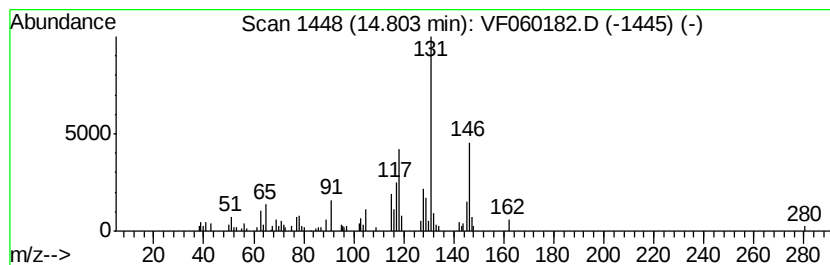
Instrument :
MSVOA_F
ClientSampleId :
HD-01-082718

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	6.35 ug/l	40937	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 81
2		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 76
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 76
4		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 70
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146 C10H10O	017496-14-9 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF082918\
Data File : VF060182.D
Acq On : 29 Aug 2018 8:17
Operator : VA/AP
Sample : J4274-05
Misc : 6.29g/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
HD-01-082718

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.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
Benzene, 1-ethyl-...	12.68	6.0	ug/l	38942	4	12.62	322305	50.0
Benzene, 4-ethyl-...	12.90	5.7	ug/l	36683	4	12.62	322305	50.0
Benzene, 1-etheny...	13.78	5.3	ug/l	34005	4	12.62	322305	50.0
3-Phenylbut-1-ene	13.92	9.3	ug/l	60062	4	12.62	322305	50.0
Naphthalene, 1,2,...	14.03	5.9	ug/l	37914	4	12.62	322305	50.0
Naphthalene, 1,2,...	14.80	6.3	ug/l	40937	4	12.62	322305	50.0