

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059759.D
 Acq On : 1 Aug 2018 17:00
 Operator : VA/AP
 Sample : J4231-03
 Misc : 5.01g/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2

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\82F073018S.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	4.291	376	381	388	rBV2	36048	103361	1.44%	0.173%
2	5.030	448	456	463	rBV4	82441	270144	3.77%	0.453%
3	5.769	526	531	540	rBV	75404	196340	2.74%	0.329%
4	7.632	714	720	723	rBV	50294	114954	1.60%	0.193%
5	7.711	723	728	733	rVB	77631	173907	2.43%	0.291%
6	8.776	828	836	839	rBV3	26242	80648	1.13%	0.135%
7	9.111	865	870	875	rBV	77410	185734	2.59%	0.311%
8	9.249	879	884	891	rVB2	51748	139107	1.94%	0.233%
9	9.426	898	902	909	rVB	62897	142546	1.99%	0.239%
10	9.830	934	943	947	rVV8	30320	136381	1.90%	0.229%
11	9.909	947	951	955	rVV2	141262	334892	4.67%	0.561%
12	10.018	958	962	968	rVB	255372	552627	7.71%	0.926%
13	10.373	992	998	999	rBV2	44730	105557	1.47%	0.177%
14	10.402	999	1001	1005	rVB2	47055	83359	1.16%	0.140%
15	10.639	1023	1025	1032	rVB	41145	101311	1.41%	0.170%
16	10.777	1032	1039	1048	rBV4	195702	592226	8.27%	0.992%
17	10.934	1048	1055	1058	rBV	91706	255001	3.56%	0.427%
18	11.043	1064	1066	1072	rVB5	31011	94550	1.32%	0.158%
19	11.141	1072	1076	1079	rBV3	71686	190263	2.66%	0.319%
20	11.220	1079	1084	1086	rVV3	188982	457943	6.39%	0.767%
21	11.260	1086	1088	1091	rVB	168793	250033	3.49%	0.419%
22	11.368	1096	1099	1104	rVB	260040	476253	6.65%	0.798%
23	11.516	1108	1114	1119	rBV5	107470	297662	4.15%	0.499%
24	11.595	1119	1122	1124	rVV4	44292	86188	1.20%	0.144%
25	11.644	1124	1127	1130	rVV	209345	404040	5.64%	0.677%
26	11.743	1134	1137	1140	rVV	515927	841139	11.74%	1.409%
27	11.812	1140	1144	1147	rVV	271626	596116	8.32%	0.999%
28	11.861	1147	1149	1152	rVV3	51837	105436	1.47%	0.177%
29	11.910	1152	1154	1157	rVV3	134460	190330	2.66%	0.319%
30	12.078	1162	1171	1176	rVV2	460525	1095860	15.30%	1.836%
31	12.157	1176	1179	1181	rVV	144054	149221	2.08%	0.250%
32	12.236	1184	1187	1189	rVV3	102022	256977	3.59%	0.431%
33	12.285	1189	1192	1195	rVV2	528156	921421	12.86%	1.544%
34	12.364	1195	1200	1203	rVV4	135321	367173	5.13%	0.615%

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35	12.413	1203	1205	1207	rVV2	121113	221448	3.09%	0.371%
36	12.452	1207	1209	1211	rVV	203540	357617	4.99%	0.599%
37	12.502	1211	1214	1216	rVV2	270474	613476	8.56%	1.028%
38	12.531	1216	1217	1219	rVV2	342584	397680	5.55%	0.666%
39	12.571	1219	1221	1223	rVV2	105103	189644	2.65%	0.318%
40	12.610	1223	1225	1229	rVV2	229613	433671	6.05%	0.727%
41	12.689	1229	1233	1236	rVV	213725	411398	5.74%	0.689%
42	12.748	1236	1239	1241	rVV3	60642	140099	1.96%	0.235%
43	12.807	1241	1245	1248	rVV2	807250	1664522	23.23%	2.789%
44	12.876	1248	1252	1253	rVV2	675378	1465974	20.46%	2.456%
45	12.906	1253	1255	1260	rVV	721381	1318418	18.40%	2.209%
46	12.975	1260	1262	1263	rVV2	68479	102114	1.43%	0.171%
47	13.014	1263	1266	1270	rVV4	183535	518191	7.23%	0.868%
48	13.083	1270	1273	1277	rVV2	300733	581910	8.12%	0.975%
49	13.182	1277	1283	1285	rVV2	353509	1030743	14.39%	1.727%
50	13.221	1285	1287	1290	rVV	655170	985426	13.75%	1.651%
51	13.300	1290	1295	1299	rVV3	290540	1117225	15.59%	1.872%
52	13.359	1299	1301	1303	rVV2	415861	700230	9.77%	1.173%
53	13.409	1303	1306	1308	rVV2	503010	1002174	13.99%	1.679%
54	13.448	1308	1310	1312	rVV2	487665	787771	11.00%	1.320%
55	13.488	1312	1314	1318	rVV	431260	728283	10.17%	1.220%
56	13.557	1318	1321	1324	rVV2	342091	684923	9.56%	1.148%
57	13.606	1324	1326	1328	rVV	399323	637726	8.90%	1.069%
58	13.645	1328	1330	1333	rVV	435091	727688	10.16%	1.219%
59	13.704	1334	1336	1338	rVV	250930	442469	6.18%	0.741%
60	13.773	1341	1343	1352	rVV4	688898	1958108	27.33%	3.281%
61	13.911	1354	1357	1362	rVV3	1020865	2301815	32.13%	3.857%
62	13.980	1362	1364	1366	rVV3	347093	562289	7.85%	0.942%
63	14.030	1366	1369	1373	rVV2	274926	746967	10.43%	1.252%
64	14.118	1373	1378	1379	rVV4	260696	650204	9.08%	1.089%
65	14.148	1379	1381	1384	rVV	534831	1057431	14.76%	1.772%
66	14.217	1384	1388	1392	rVV5	533692	1645978	22.97%	2.758%
67	14.276	1392	1394	1398	rVV3	331450	884258	12.34%	1.482%
68	14.365	1401	1403	1406	rVV	546034	888449	12.40%	1.489%
69	14.414	1406	1408	1413	rVV5	209058	604121	8.43%	1.012%
70	14.523	1413	1419	1426	rVV	4010710	7164224	100.00%	12.004%
71	14.621	1426	1429	1431	rVV3	297766	709994	9.91%	1.190%

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72	14.670	1433	1434	1437	rVV2	272427	453987	6.34%	0.761%
73	14.749	1440	1442	1444	rVV	333576	538326	7.51%	0.902%
74	14.799	1444	1447	1451	rVV2	248788	643479	8.98%	1.078%
75	14.868	1451	1454	1455	rVV	154731	281774	3.93%	0.472%
76	14.927	1458	1460	1462	rVV3	280986	559943	7.82%	0.938%
77	14.966	1462	1464	1467	rVV3	243770	458281	6.40%	0.768%
78	15.006	1467	1468	1472	rVV2	99363	189877	2.65%	0.318%
79	15.075	1472	1475	1482	rVB2	277984	482011	6.73%	0.808%
80	15.232	1488	1491	1493	rBV2	110769	183450	2.56%	0.307%
81	15.272	1493	1495	1499	rVB2	64759	88593	1.24%	0.148%
82	15.351	1499	1503	1507	rBV	2828554	4389017	61.26%	7.354%
83	15.479	1512	1516	1524	rVB	2067982	3368625	47.02%	5.644%
84	15.627	1529	1531	1534	rVB	67505	84366	1.18%	0.141%
85	15.853	1551	1554	1561	rVB	659193	1175742	16.41%	1.970%

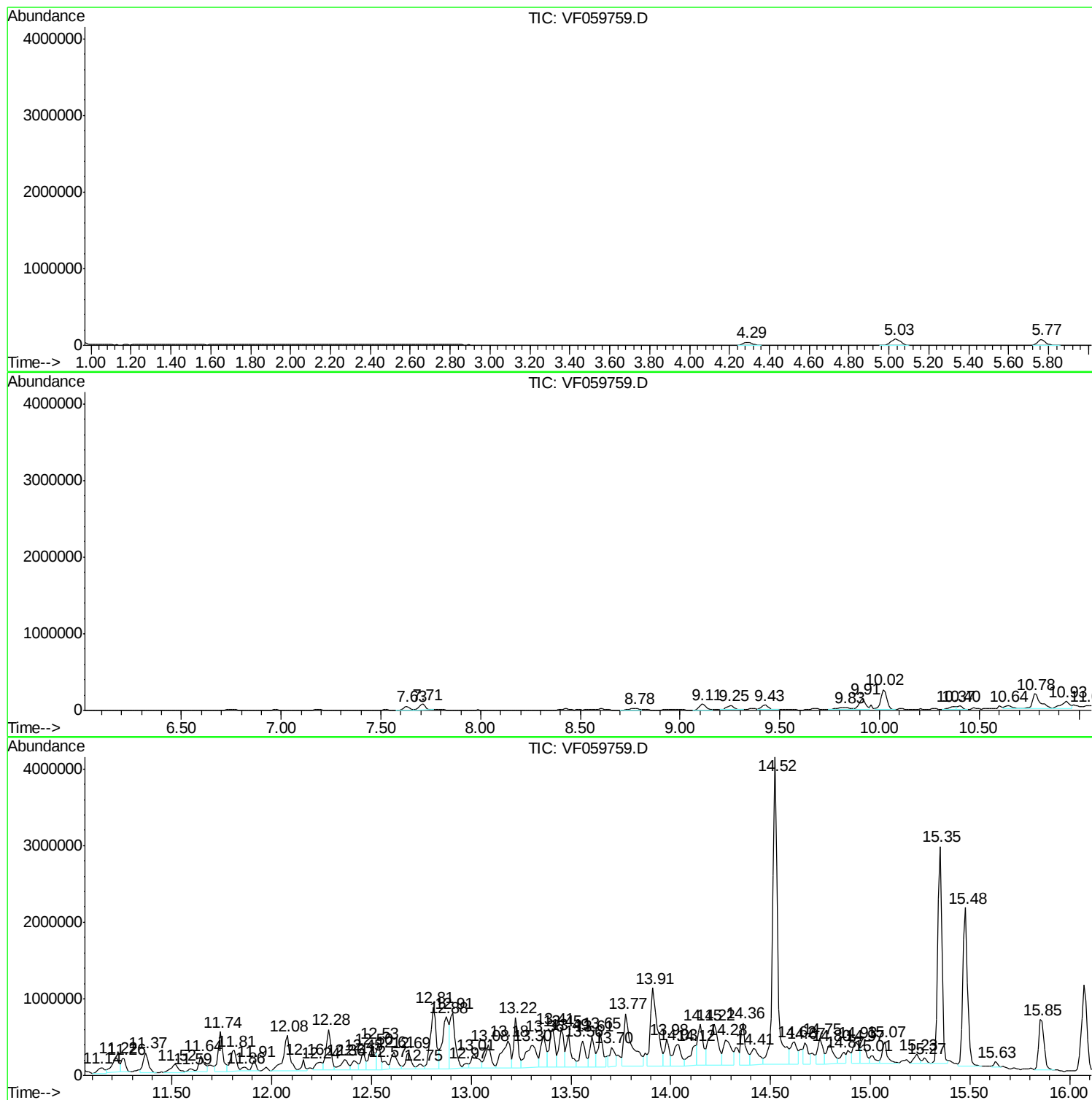
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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



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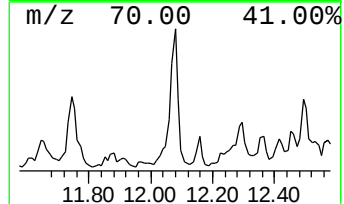
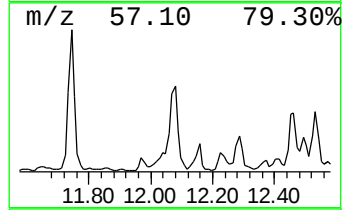
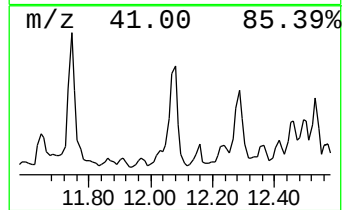
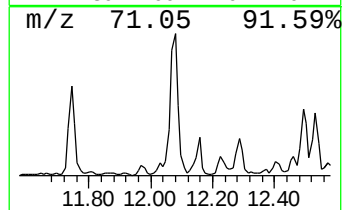
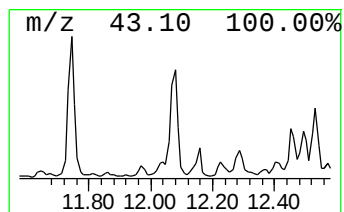
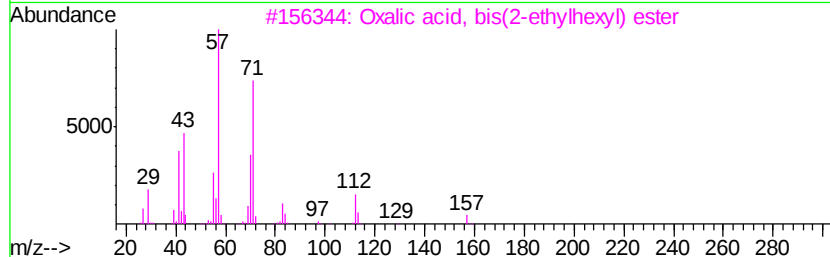
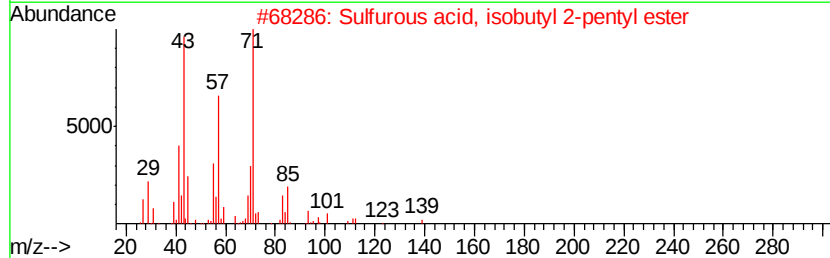
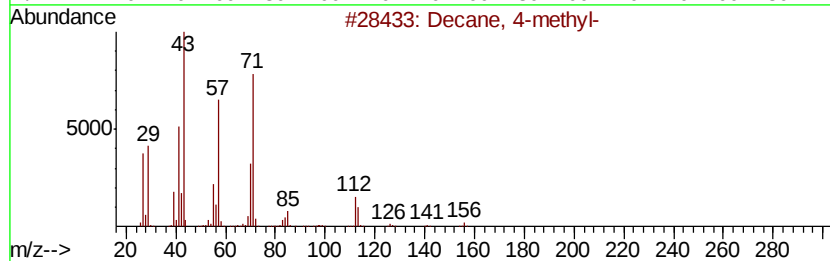
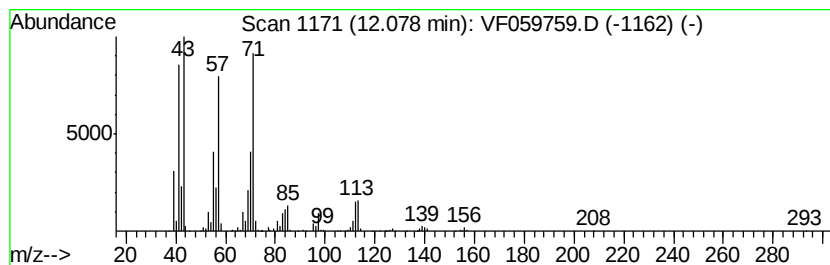
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	126.35 ug/l	1095860	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	90
2	Sulfurous acid, isobutyl 2-pentyl...	208 C9H20O3S	1000309-15-2	72
3	Oxalic acid, bis(2-ethylhexyl) e...	314 C18H34O4	1000309-39-0	59
4	Oxalic acid, 2-ethylhexyl pentyl...	272 C15H28O4	1000309-38-7	59
5	2,4,4-Trimethyl-1-hexene	126 C9H18	051174-12-0	53



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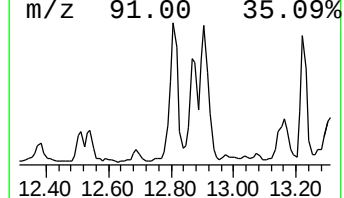
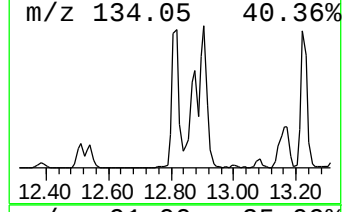
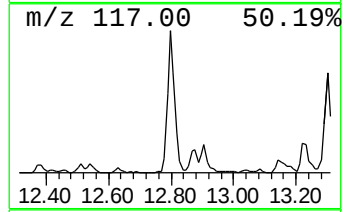
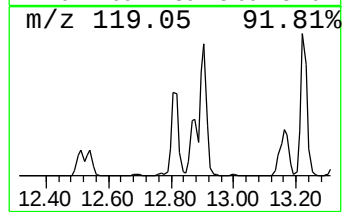
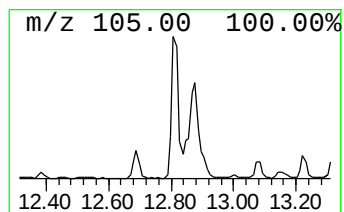
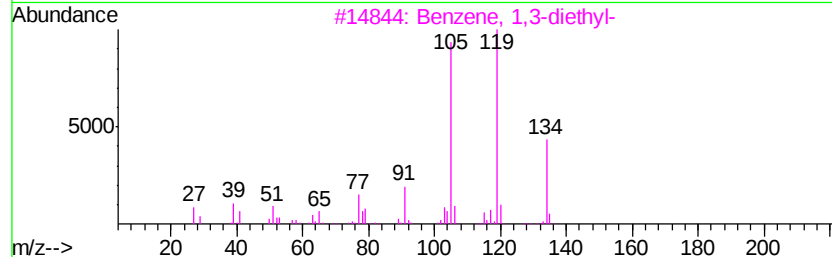
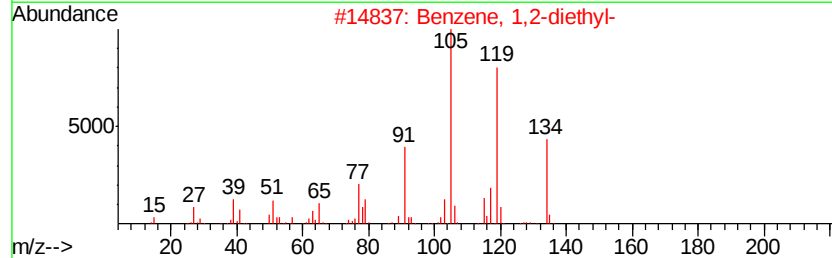
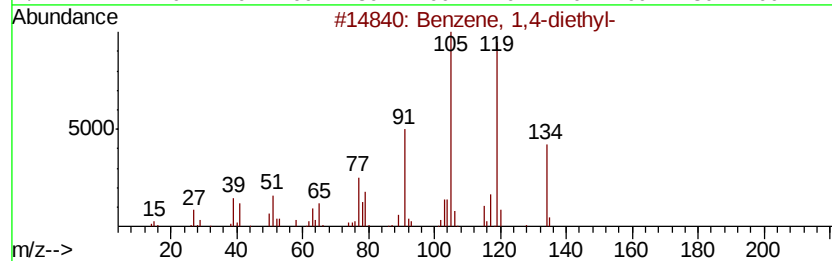
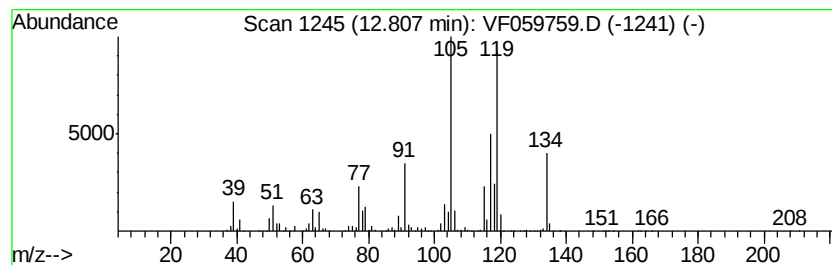
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	191.91 ug/l	1664520	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53
5		o-Cymene	134	C10H14	000527-84-4	49



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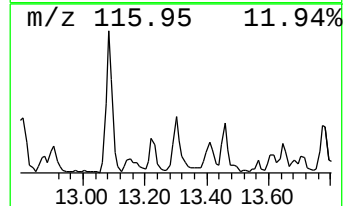
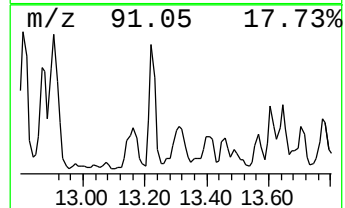
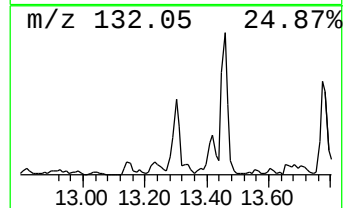
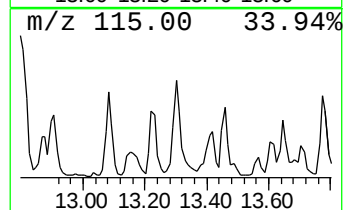
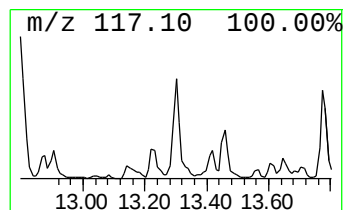
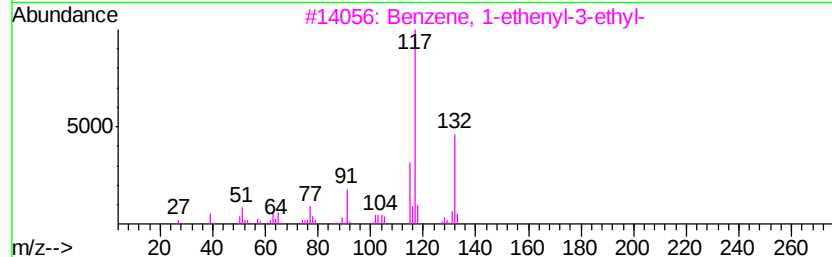
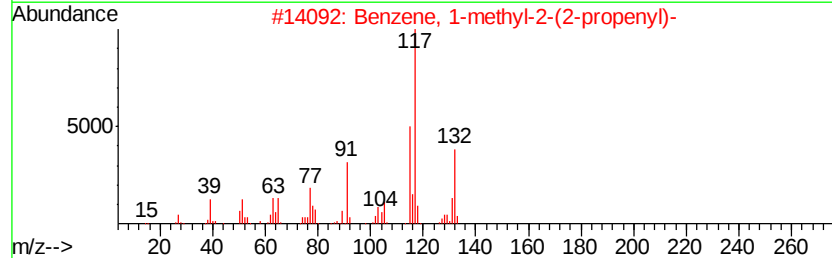
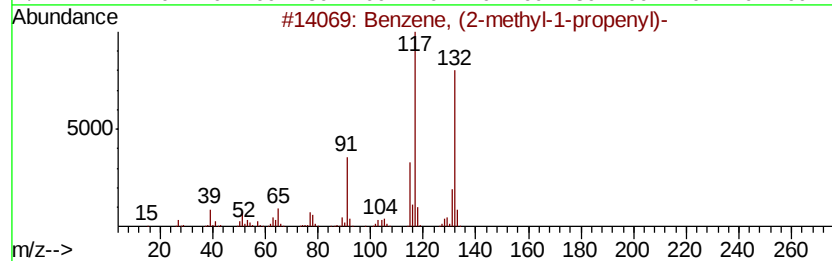
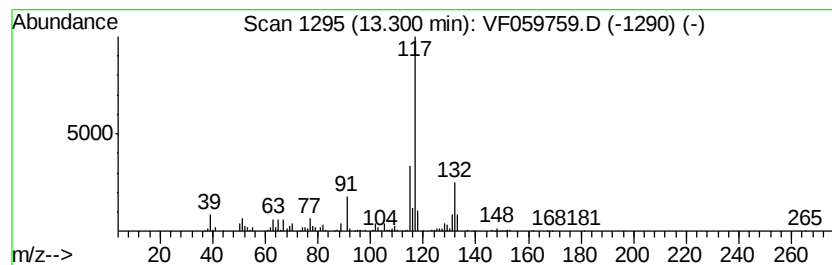
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	128.81 ug/l	1117230	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	86



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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

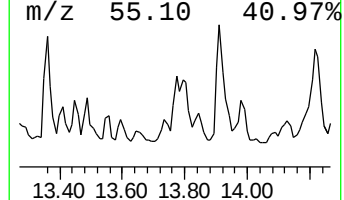
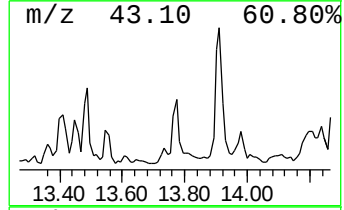
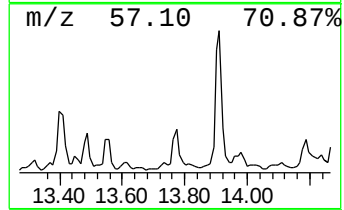
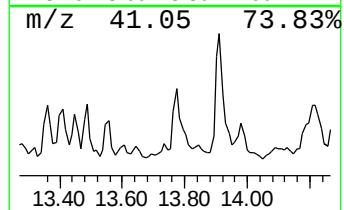
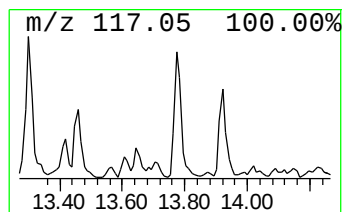
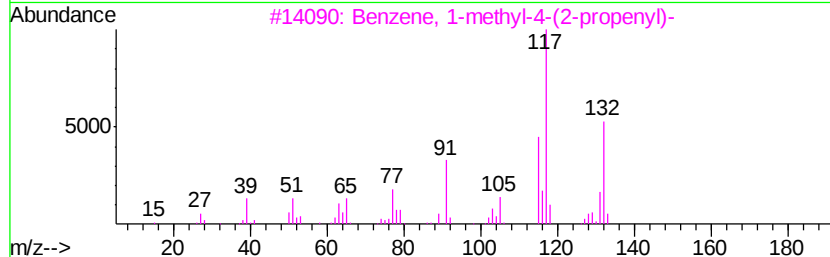
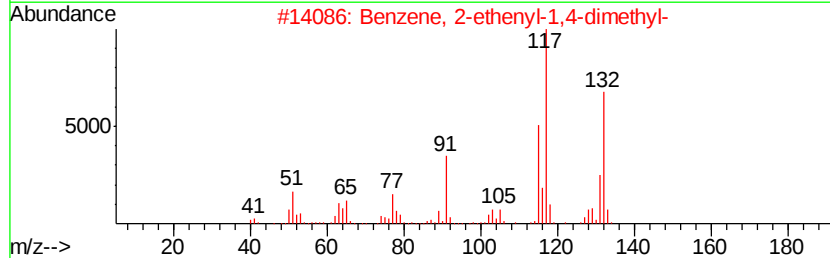
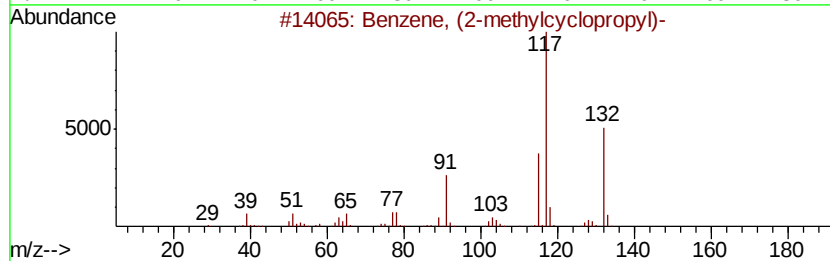
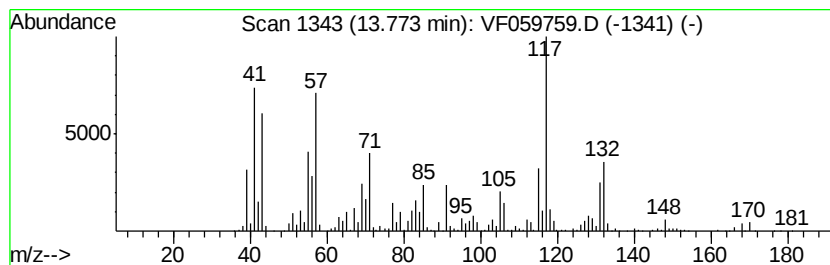
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, (2-methylcycloprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	225.76 ug/l	1958110	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059759.D
Acq On : 1 Aug 2018 17:00
Operator : VA/AP
Sample : J4231-03
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 90 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

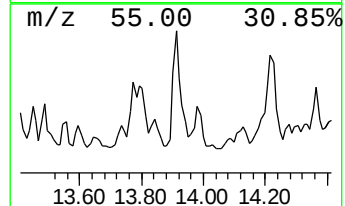
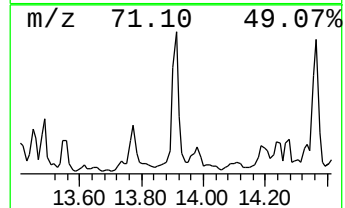
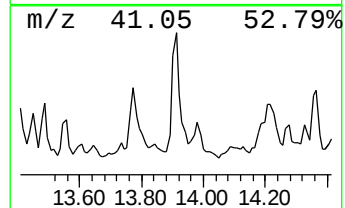
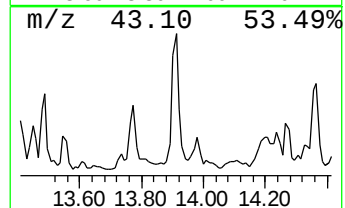
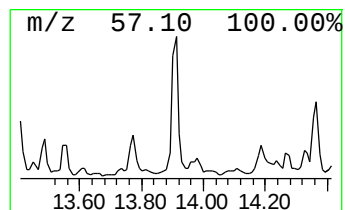
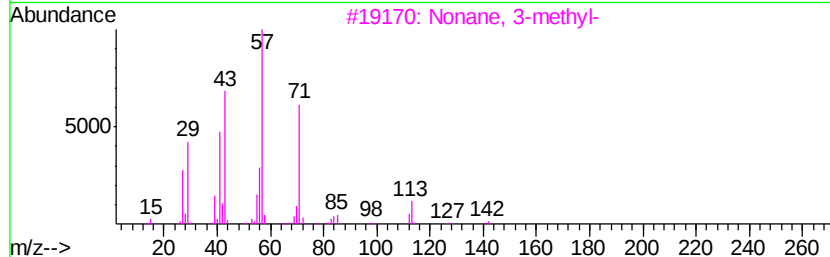
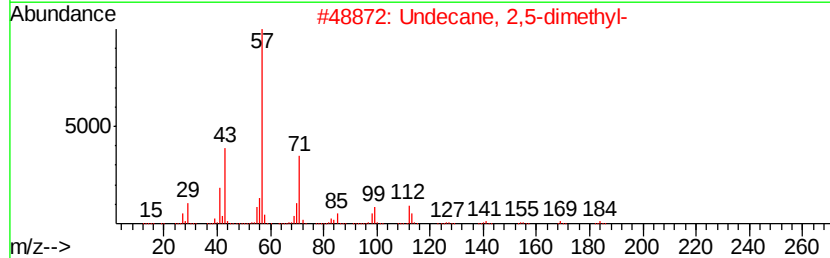
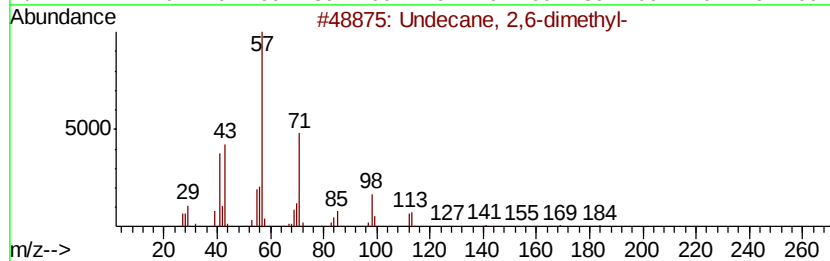
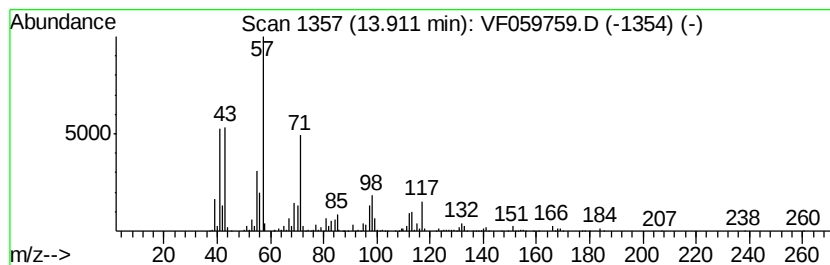
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Quant Title : SW846 8260

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	265.39 ug/l	2301820	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96	
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70	
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53	
4	Tridecane	184	C13H28	000629-50-5	52	
5	Allyl n-octyl ether	170	C11H22O	003295-97-4	46	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059759.D
Acq On : 1 Aug 2018 17:00
Operator : VA/AP
Sample : J4231-03
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 90 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

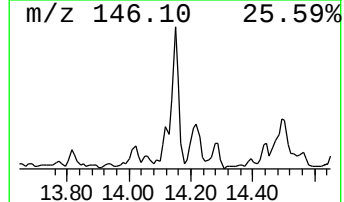
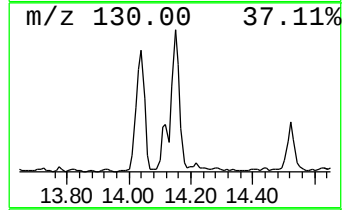
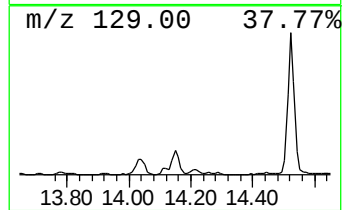
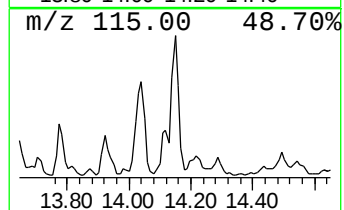
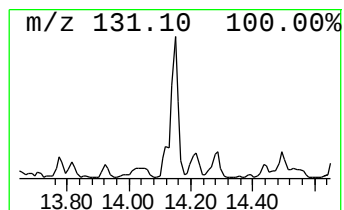
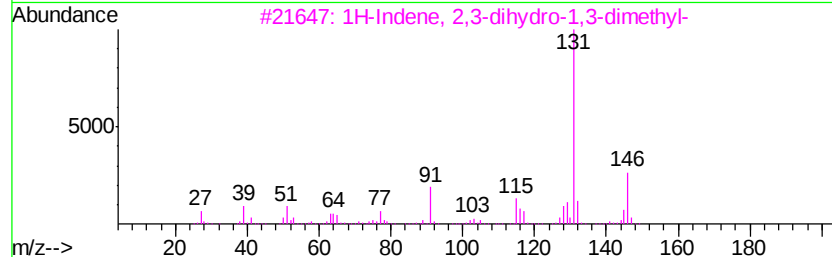
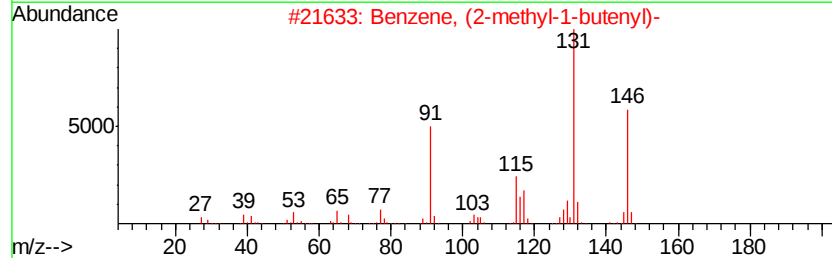
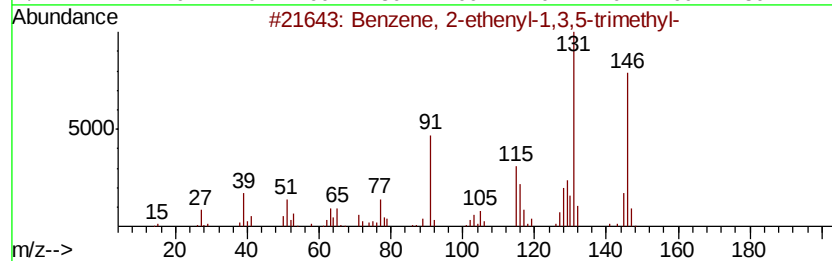
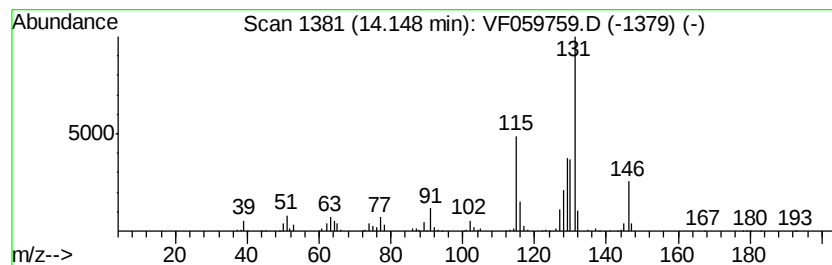
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	121.92 ug/l	1057430	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	52
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	52
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059759.D
Acq On : 1 Aug 2018 17:00
Operator : VA/AP
Sample : J4231-03
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 90 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

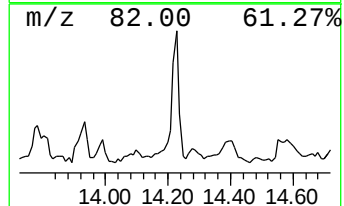
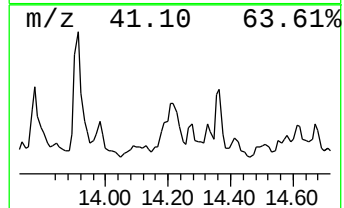
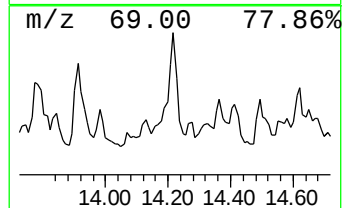
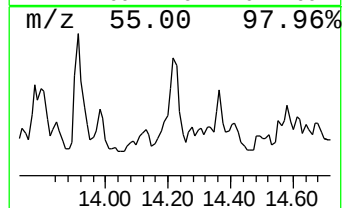
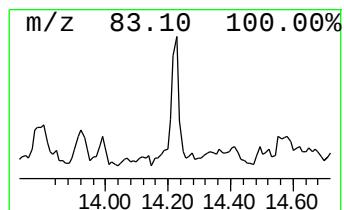
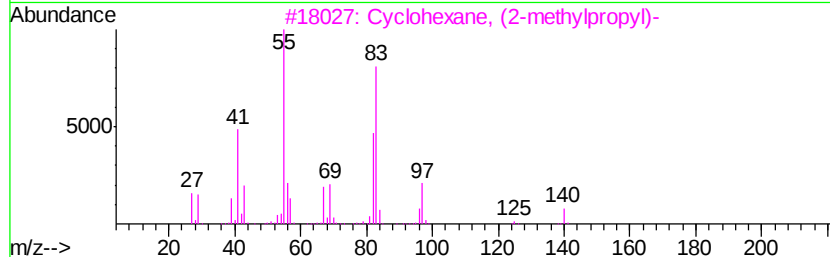
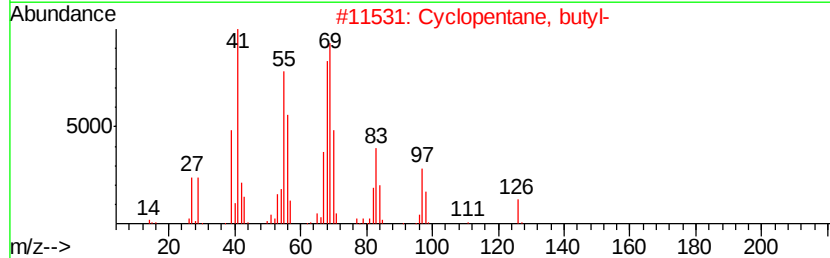
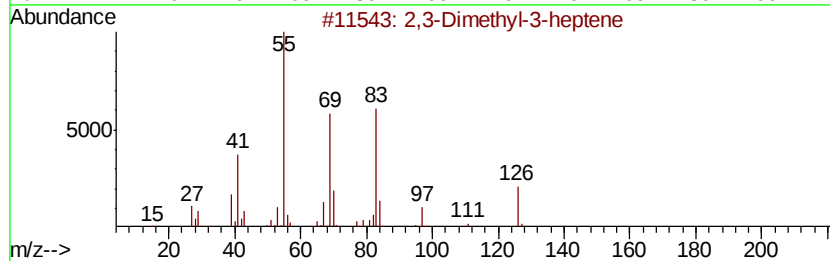
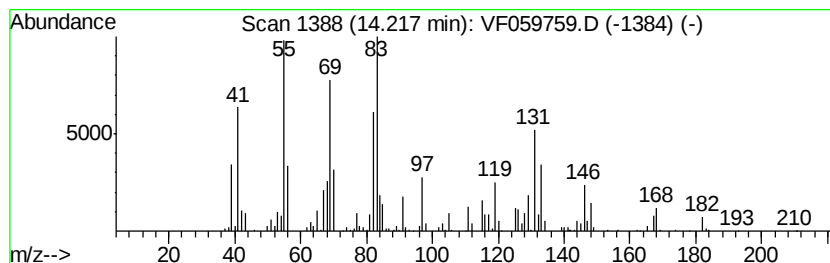
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	189.77 ug/l	1645980	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	38
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	30
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	27
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	25
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059759.D
Acq On : 1 Aug 2018 17:00
Operator : VA/AP
Sample : J4231-03
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 90 Sample Multiplier: 1

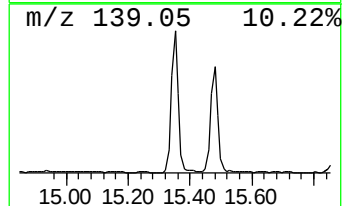
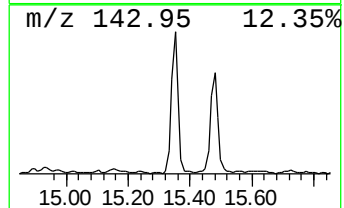
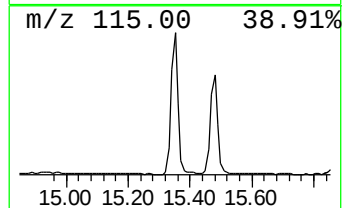
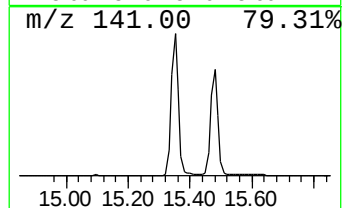
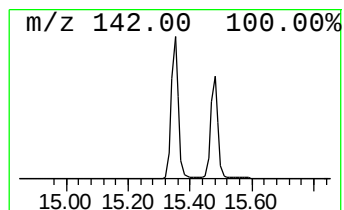
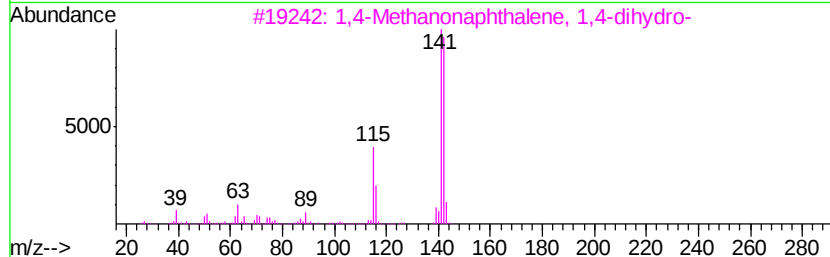
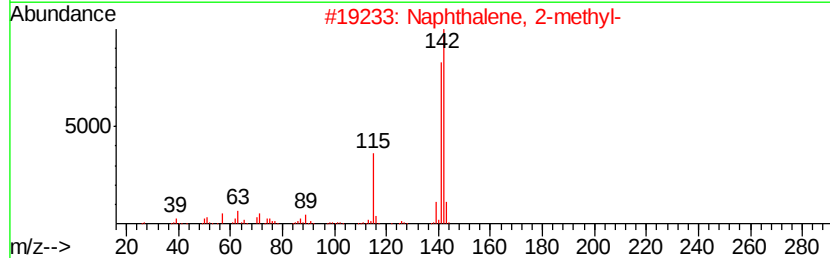
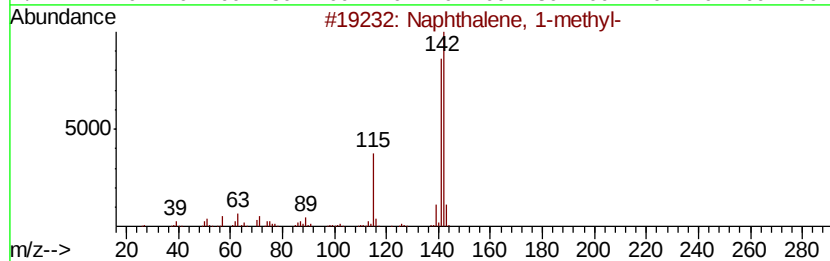
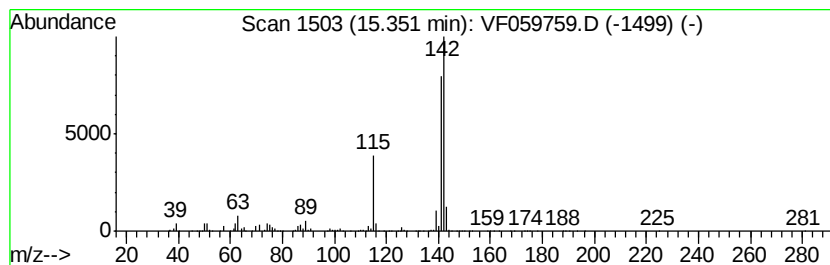
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	506.03 ug/l	4389020	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059759.D
Acq On : 1 Aug 2018 17:00
Operator : VA/AP
Sample : J4231-03
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 90 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

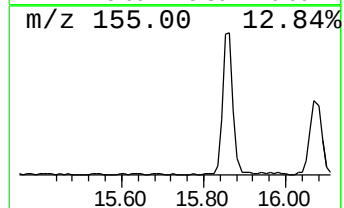
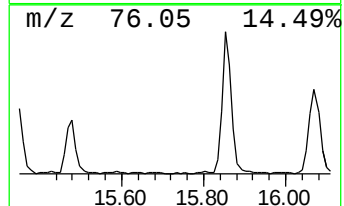
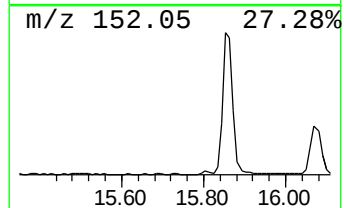
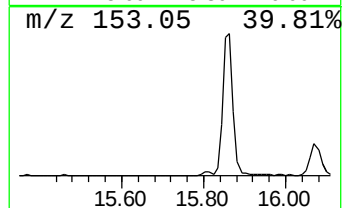
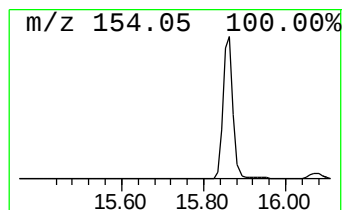
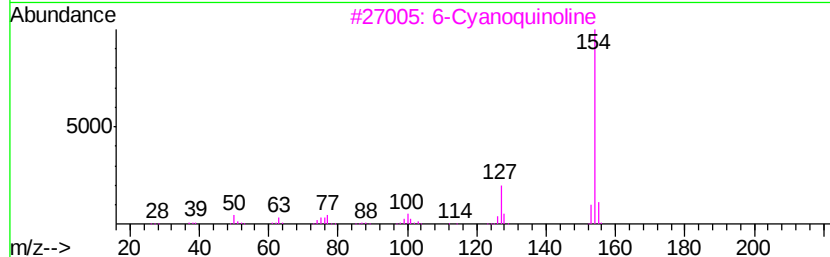
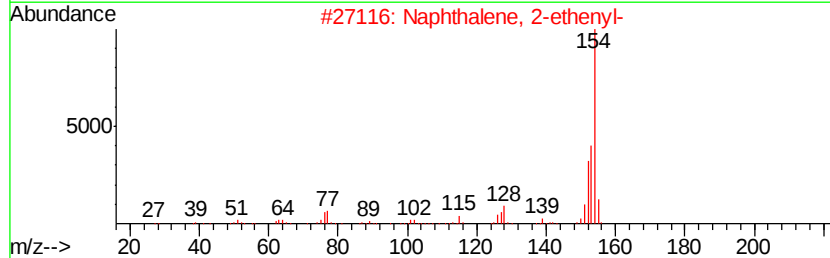
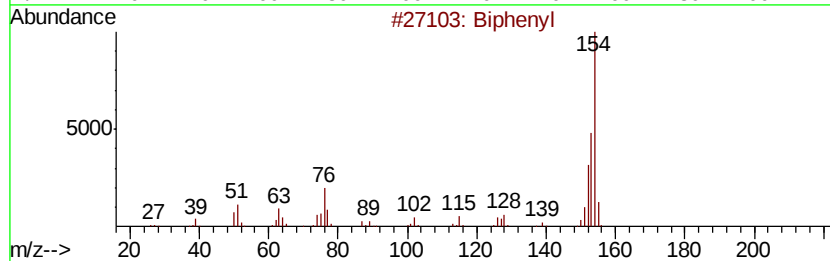
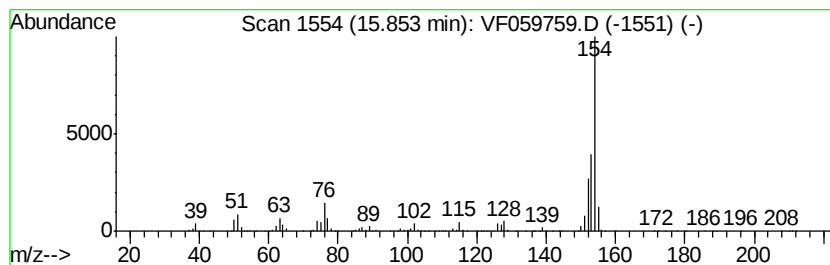
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Quant Title : SW846 8260

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

Peak Number 10 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	135.56 ug/l	1175740	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	96
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
3		6-Cyanoquinoline	154	C10H6N2	023395-72-4	47
4		Acenaphthene	154	C12H10	000083-32-9	43
5		3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
Data File : VF059759.D
Acq On : 1 Aug 2018 17:00
Operator : VA/AP
Sample : J4231-03
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 90 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

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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
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Benzene, 1,4-diet...	12.81	191.9	ug/l	1664520	4	12.63	433671	50.0
Benzene, (2-methy...	13.30	128.8	ug/l	1117230	4	12.63	433671	50.0
Benzene, (2-methy...	13.77	225.8	ug/l	1958110	4	12.63	433671	50.0
Undecane, 2,6-dim...	13.91	265.4	ug/l	2301820	4	12.63	433671	50.0
Benzene, 2-etheny...	14.15	121.9	ug/l	1057430	4	12.63	433671	50.0
unknown14.22	14.22	189.8	ug/l	1645980	4	12.63	433671	50.0
Naphthalene, 1-me...	15.35	506.0	ug/l	4389020	4	12.63	433671	50.0
Biphenyl	15.85	135.6	ug/l	1175740	4	12.63	433671	50.0