

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062187.D
 Acq On : 16 Apr 2019 20:37
 Operator : FY/SY
 Sample : K2435-01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BWM-S1-SOIL-PILE

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\82F041619S.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	1.240	59	72	74	rBV5	24777	152018	11.29%	1.301%
2	2.294	175	179	180	rBV	51865	97709	7.26%	0.836%
3	2.501	197	200	206	rVB	18643	42796	3.18%	0.366%
4	4.207	368	373	376	rVB6	6770	19125	1.42%	0.164%
5	4.315	376	384	399	rBV	199782	649395	48.23%	5.557%
6	5.054	451	459	470	rBV2	400192	1346529	100.00%	11.522%
7	5.656	514	520	524	rVB3	6388	17946	1.33%	0.154%
8	5.774	526	532	545	rVV	429719	1167881	86.73%	9.994%
9	6.888	639	645	649	rBV9	6845	22713	1.69%	0.194%
10	7.115	666	668	673	rBV3	6142	13530	1.00%	0.116%
11	7.450	698	702	709	rBV2	20944	50758	3.77%	0.434%
12	7.716	722	729	741	rBV	486198	1184411	87.96%	10.135%
13	8.406	795	799	803	rBV	23467	45683	3.39%	0.391%
14	8.761	831	835	841	rBV2	12678	30076	2.23%	0.257%
15	9.352	887	895	897	rBV7	6870	23030	1.71%	0.197%
16	9.559	913	916	919	rVB	12412	22749	1.69%	0.195%
17	9.628	919	923	926	rBV	26313	56684	4.21%	0.485%
18	9.914	945	952	959	rBV	521228	1204134	89.43%	10.304%
19	10.269	983	988	990	rVB5	7272	16760	1.24%	0.143%
20	10.890	1048	1051	1053	rBV4	7300	16594	1.23%	0.142%
21	11.215	1080	1084	1088	rVV6	6532	17862	1.33%	0.153%
22	11.452	1105	1108	1109	rBV	32601	52937	3.93%	0.453%
23	11.491	1109	1112	1119	rVV	429185	795380	59.07%	6.806%
24	11.629	1123	1126	1128	rVV	14981	24479	1.82%	0.209%
25	11.945	1155	1158	1163	rBV2	70095	125320	9.31%	1.072%
26	12.063	1167	1170	1175	rVB4	15592	30336	2.25%	0.260%
27	12.132	1175	1177	1181	rBV5	7972	18274	1.36%	0.156%
28	12.211	1181	1185	1189	rBV5	8412	27627	2.05%	0.236%
29	12.270	1189	1191	1195	rVB4	14908	20955	1.56%	0.179%
30	12.359	1196	1200	1202	rBV3	7574	15783	1.17%	0.135%
31	12.516	1211	1216	1222	rVV7	12452	37647	2.80%	0.322%
32	12.615	1222	1226	1234	rVV	718843	1152327	85.58%	9.860%
33	12.723	1234	1237	1240	rVB5	5793	14203	1.05%	0.122%
34	12.901	1253	1255	1258	rVB3	18271	26086	1.94%	0.223%

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35	12.999	1261	1265	1269	rBV6	14696	43515	3.23%	0.372%
36	13.058	1269	1271	1274	rVB3	14289	22536	1.67%	0.193%
37	13.157	1278	1281	1284	rBV3	22499	37440	2.78%	0.320%
38	13.256	1287	1291	1293	rBV4	25932	44030	3.27%	0.377%
39	13.325	1293	1298	1302	rBV2	32125	78320	5.82%	0.670%
40	13.384	1302	1304	1306	rVB2	17930	22510	1.67%	0.193%
41	13.423	1306	1308	1311	rBV	48467	67308	5.00%	0.576%
42	13.492	1311	1315	1317	rBV4	22850	37683	2.80%	0.322%
43	13.581	1321	1324	1326	rBV3	19874	38592	2.87%	0.330%
44	13.620	1326	1328	1333	rBV4	42214	77073	5.72%	0.660%
45	13.709	1335	1337	1338	rVV2	19097	21149	1.57%	0.181%
46	13.748	1338	1341	1344	rVV3	62066	109539	8.13%	0.937%
47	13.798	1344	1346	1348	rVB2	41958	58193	4.32%	0.498%
48	13.847	1348	1351	1352	rBV3	25188	33857	2.51%	0.290%
49	13.886	1352	1355	1359	rVV4	78220	165984	12.33%	1.420%
50	13.955	1359	1362	1364	rVV3	19420	38483	2.86%	0.329%
51	13.995	1364	1366	1370	rVB2	43856	61535	4.57%	0.527%
52	14.054	1370	1372	1374	rBV3	20455	37741	2.80%	0.323%
53	14.192	1382	1386	1390	rBV6	64571	146870	10.91%	1.257%
54	14.261	1390	1393	1396	rVV4	56813	109260	8.11%	0.935%
55	14.330	1398	1400	1403	rBV3	50808	75547	5.61%	0.646%
56	14.498	1414	1417	1419	rBV2	113288	159346	11.83%	1.364%
57	14.626	1428	1430	1433	rVB4	25324	46708	3.47%	0.400%
58	14.675	1433	1435	1438	rVB4	24757	33520	2.49%	0.287%
59	14.764	1442	1444	1447	rVB3	60942	100171	7.44%	0.857%
60	14.892	1454	1457	1463	rVB6	83498	195995	14.56%	1.677%
61	15.030	1467	1471	1479	rBV3	102913	273621	20.32%	2.341%
62	15.138	1479	1482	1484	rBV	173601	261695	19.43%	2.239%
63	15.276	1493	1496	1497	rBV3	26411	42140	3.13%	0.361%
64	15.365	1502	1505	1509	rBV4	69799	188871	14.03%	1.616%
65	15.523	1519	1521	1524	rVB	26742	33373	2.48%	0.286%
66	15.671	1533	1536	1541	rVB	128718	256324	19.04%	2.193%
67	15.740	1541	1543	1547	rVB3	36449	68969	5.12%	0.590%
68	15.848	1551	1554	1558	rBV4	53635	114718	8.52%	0.982%
69	15.976	1564	1567	1568	rBV2	26290	44021	3.27%	0.377%

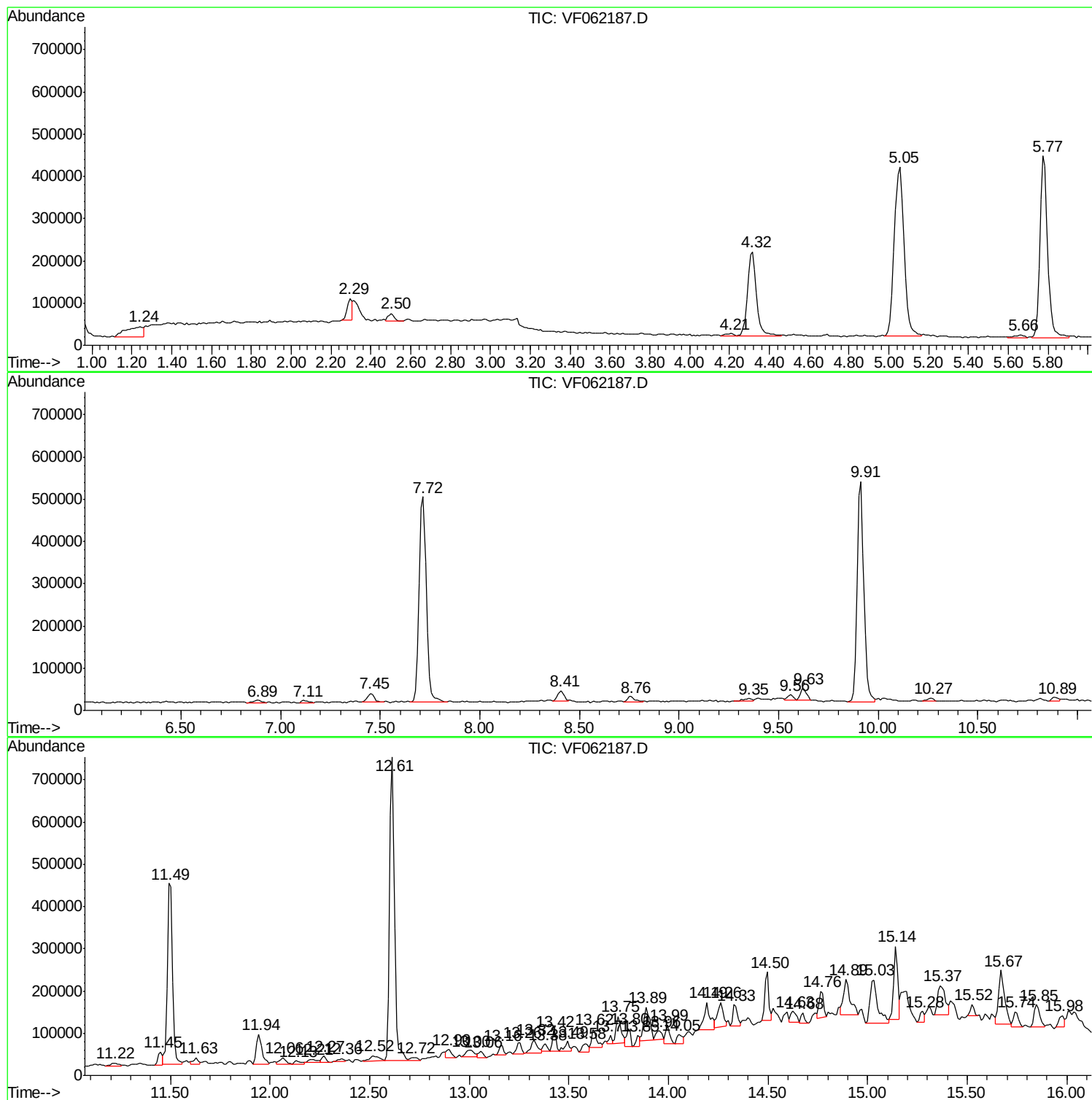
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260

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



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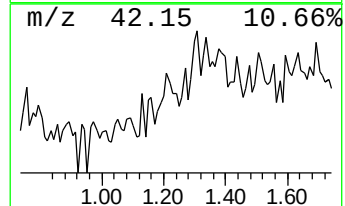
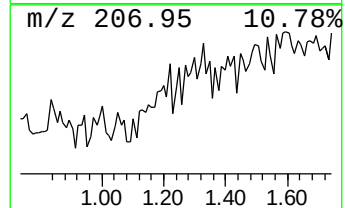
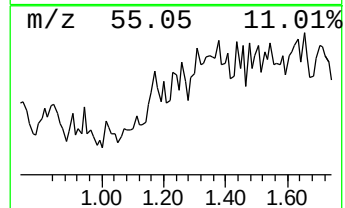
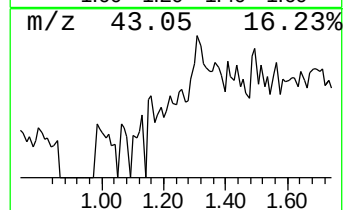
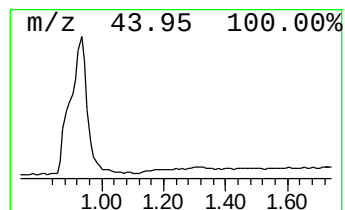
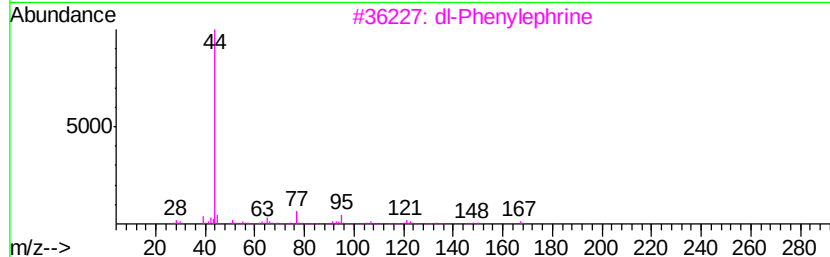
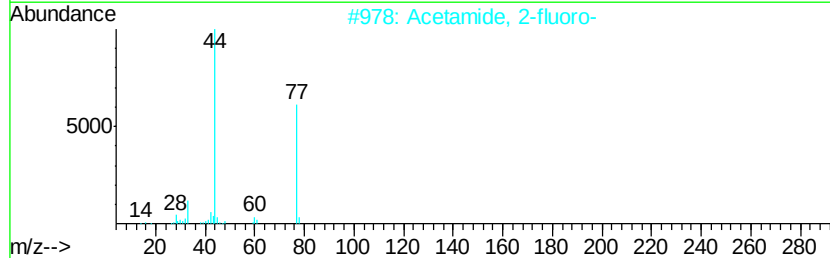
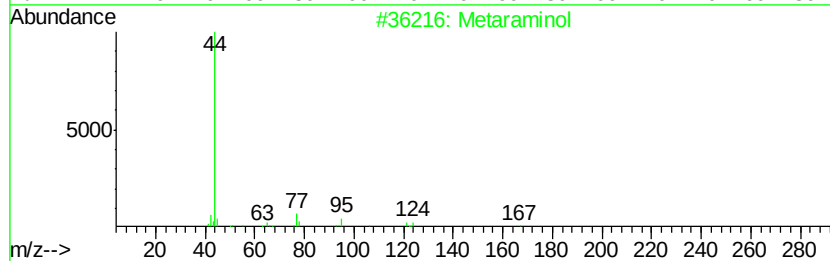
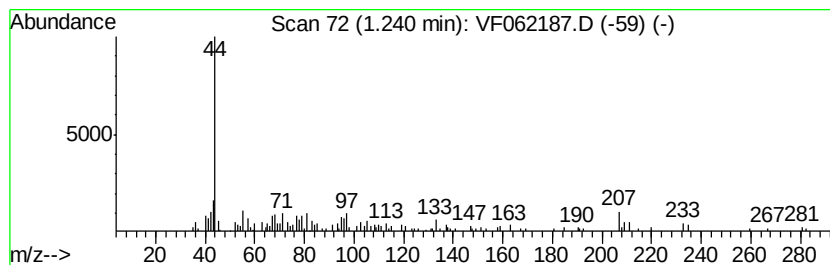
Instrument :
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ClientSampleId :
BWM-S1-SOIL-PILE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260

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

Peak Number 1 Metaraminol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.24	5.64 ug/l	152018	Pentafluorobenzene	5.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metaraminol	167	C9H13NO2	000054-49-9	52
2	Acetamide, 2-fluoro-	77	C2H4FNO	000640-19-7	52
3	dl-Phenvlephrine	167	C9H13NO2	001477-63-0	52
4	L-Alanine-4-nitroanilide	209	C9H11N3O3	001668-13-9	52
5	Phenylephrine	167	C9H13NO2	000059-42-7	50



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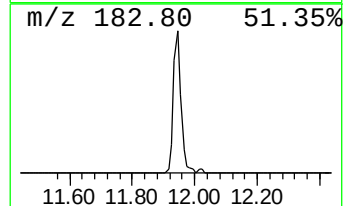
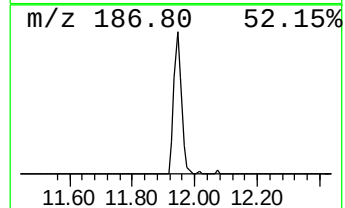
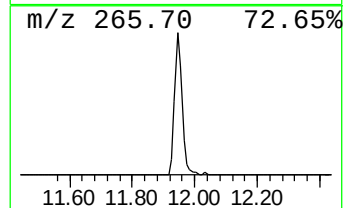
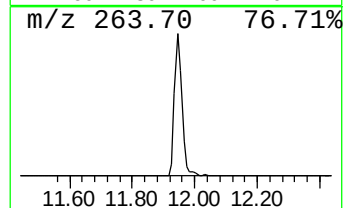
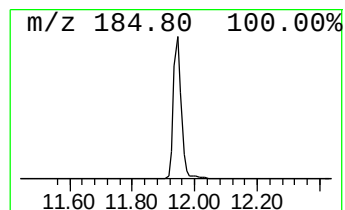
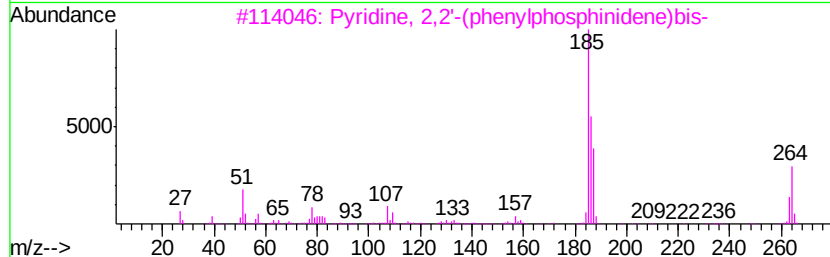
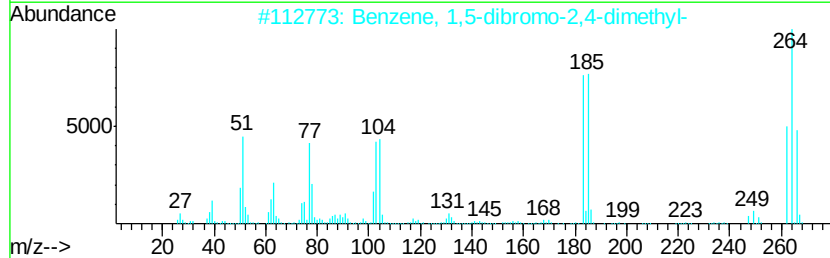
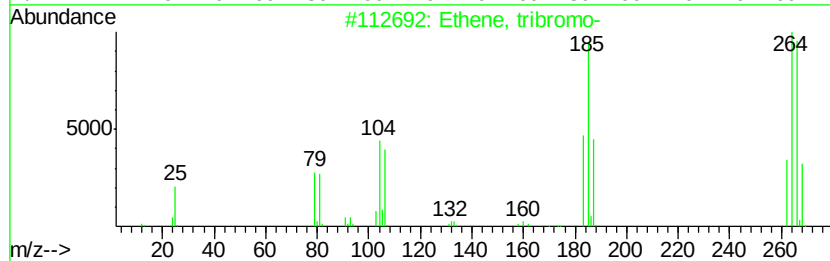
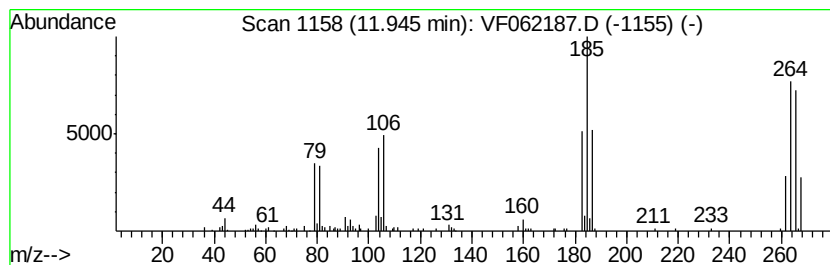
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethene, tribromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.44 ug/l	125320	1,4-Dichlorobenzene-d4	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethene, tribromo-	262 C2HBr3	000598-16-3 97
2		Benzene, 1,5-dibromo-2,4-dimethyl-	262 C8H8Br2	000615-87-2 38
3		Pvridine, 2,2'-(phenylphosphinid...	264 C16H13N2P	068469-71-6 35
4		Benzene, 1,4-dibromo-2,5-dimethyl-	262 C8H8Br2	001074-24-4 32
5		4-Bromobenzoic acid, 2-tridecyl ...	382 C20H31BrO2	1000282-08-7 10



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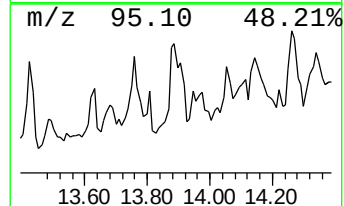
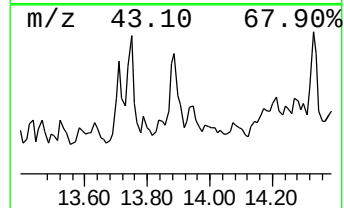
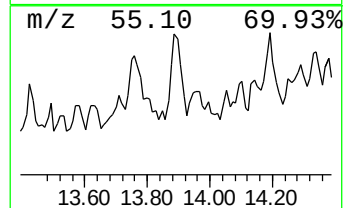
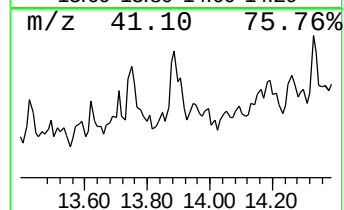
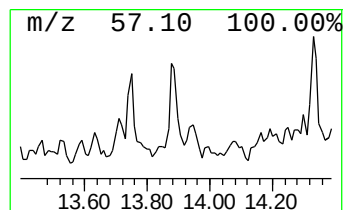
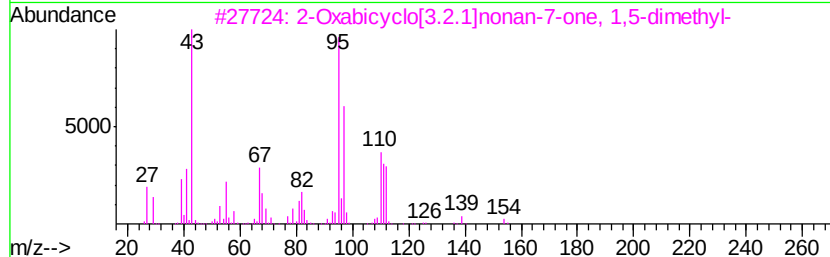
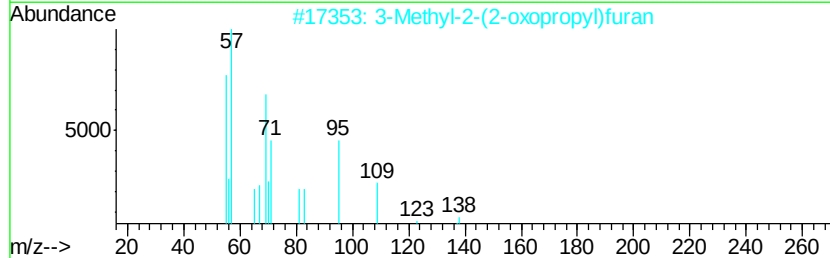
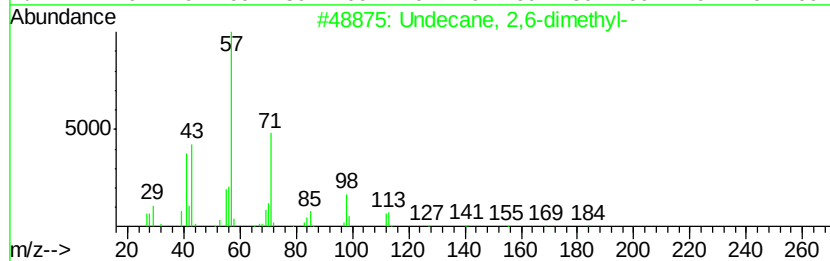
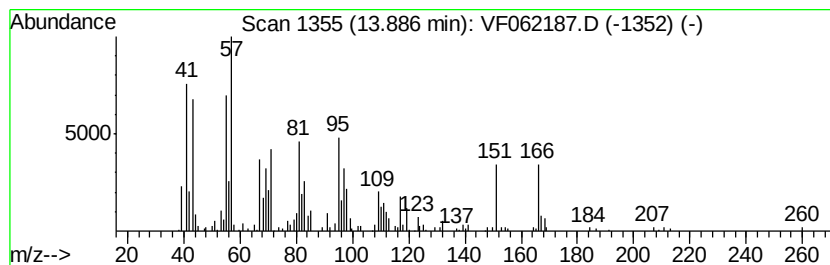
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Peak Number 3 unknown13.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.20 ug/l	165984	1,4-Dichlorobenzene-d4	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
2		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	35
3		2-Oxabicyclo[3.2.1]nonan-7-one, ...	154	C9H14O2	013747-98-3	22
4		13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	14
5		2-t-Butylimino-4-hydroxy-pent-3-...	166	C9H14N2O	1000186-22-1	14



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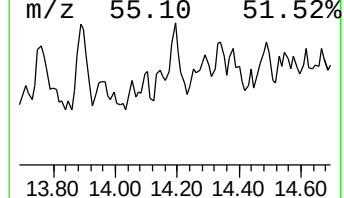
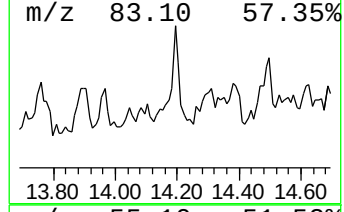
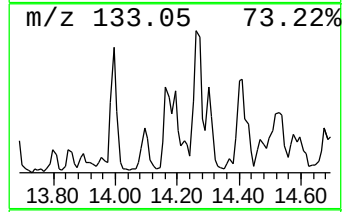
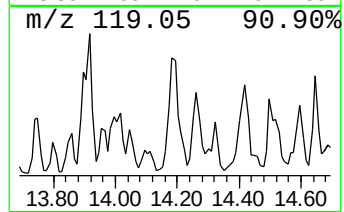
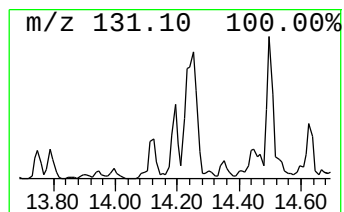
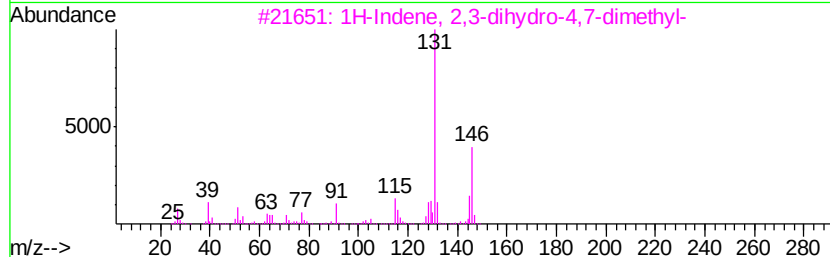
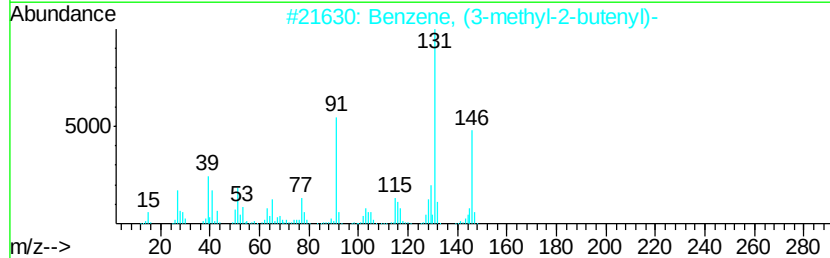
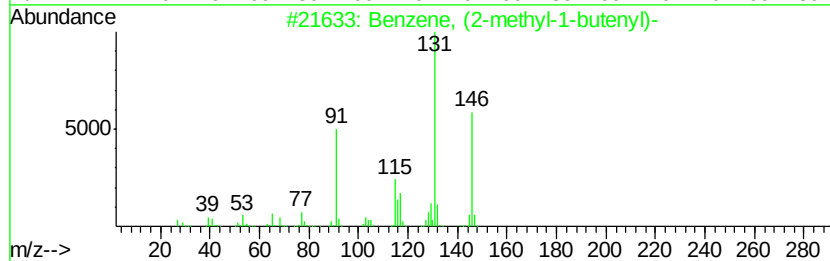
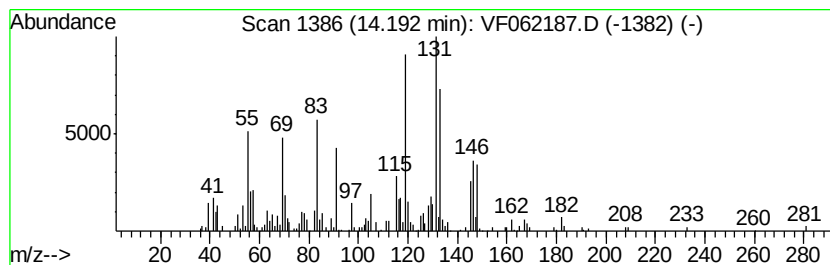
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Peak Number 4 unknown14.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.37 ug/l	146870	1,4-Dichlorobenzene-d4	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 38
2		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 38
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 25
4		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 25
5		Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6 25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062187.D
Acq On : 16 Apr 2019 20:37
Operator : FY/SY
Sample : K2435-01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

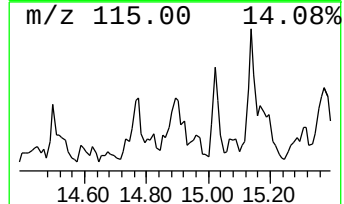
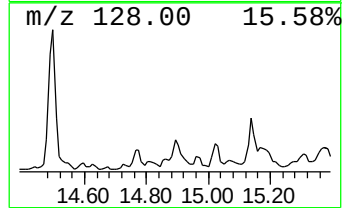
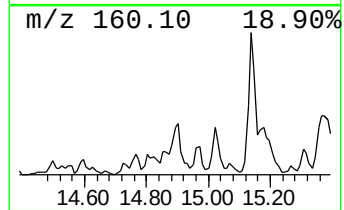
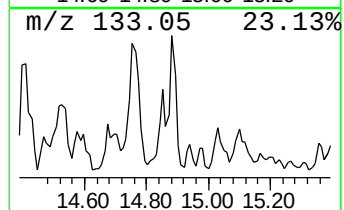
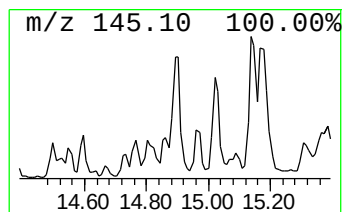
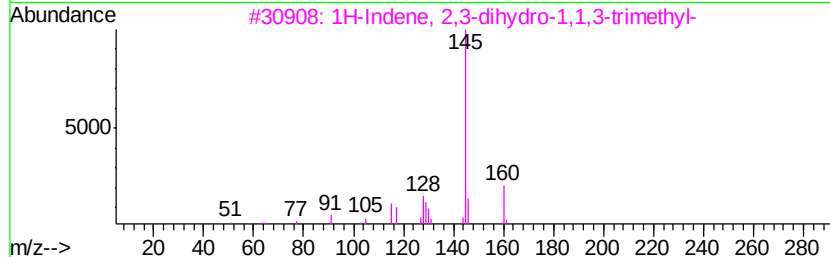
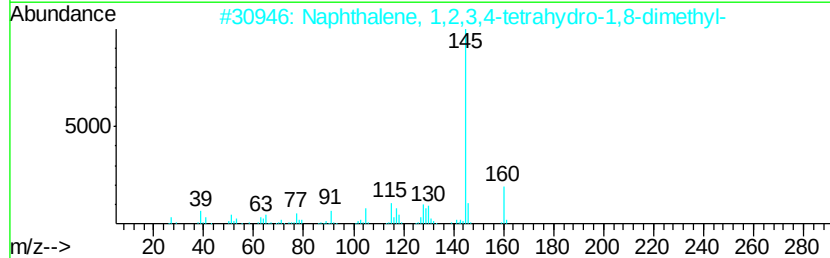
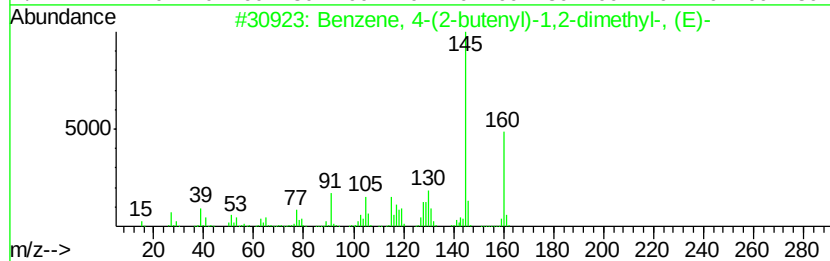
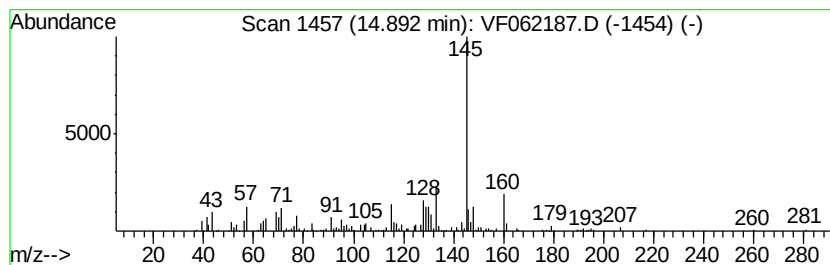
Instrument :
MSVOA_F
ClientSampleId :
BWM-S1-SOIL-PILE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	8.50 ug/l	195995	1,4-Dichlorobenzene-d4	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	025419-33-4 81
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 81
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160 C12H16	040650-41-7 81
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	001985-59-7 76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062187.D
Acq On : 16 Apr 2019 20:37
Operator : FY/SY
Sample : K2435-01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BWM-S1-SOIL-PILE

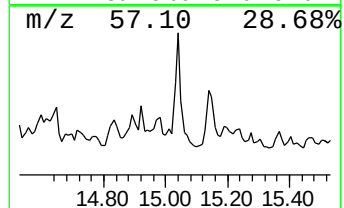
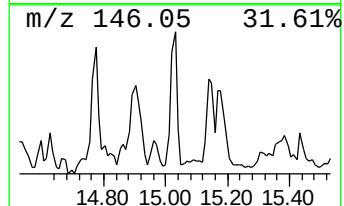
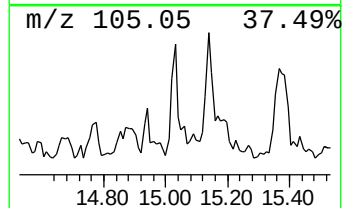
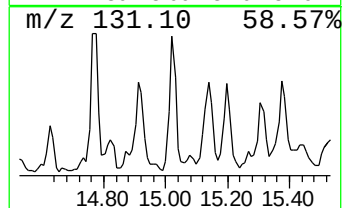
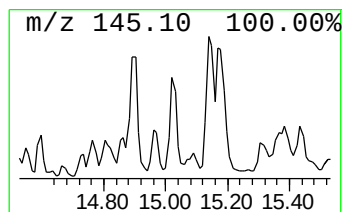
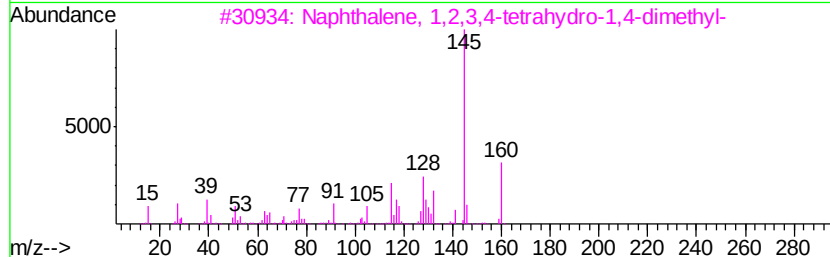
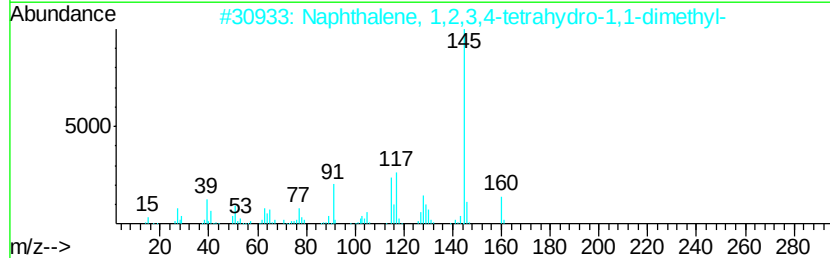
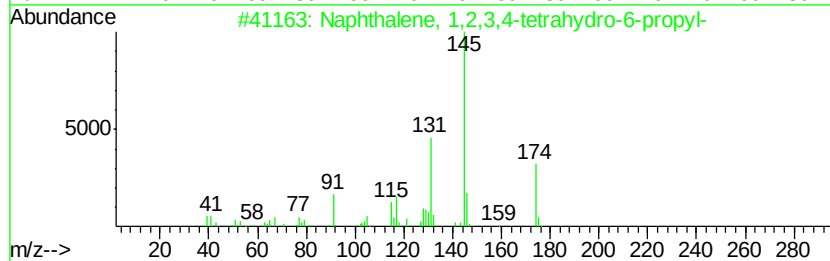
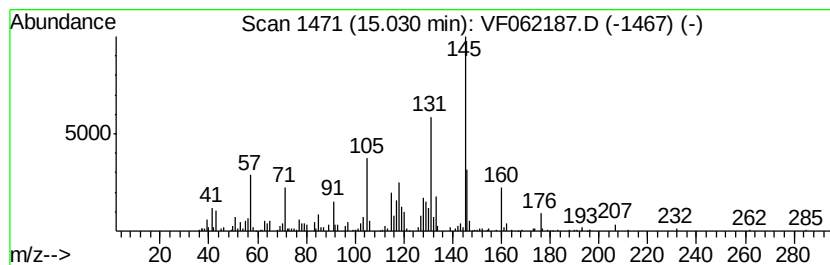
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	11.87 ug/l	273621	1,4-Dichlorobenzene-d4	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	70
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	60
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	60
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062187.D
Acq On : 16 Apr 2019 20:37
Operator : FY/SY
Sample : K2435-01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BWM-S1-SOIL-PILE

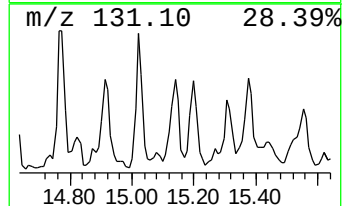
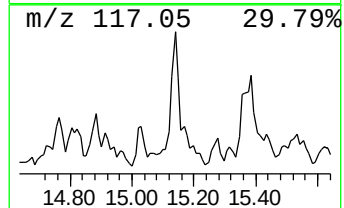
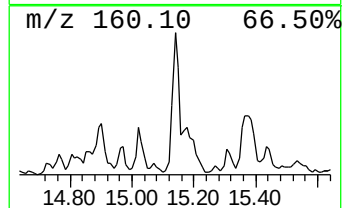
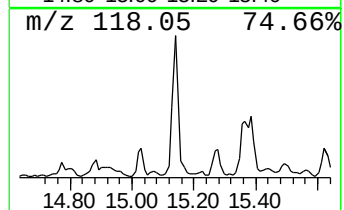
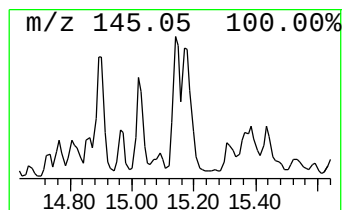
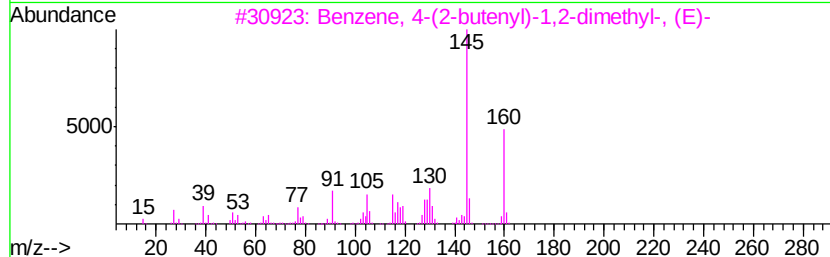
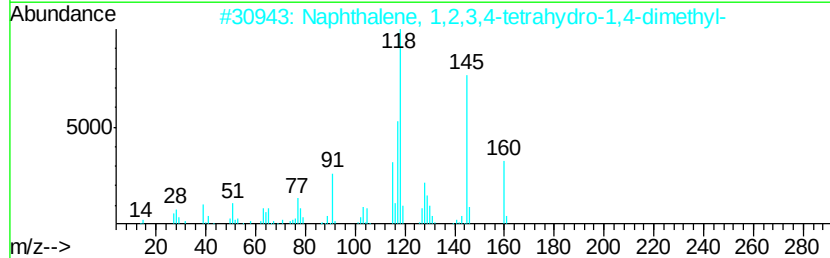
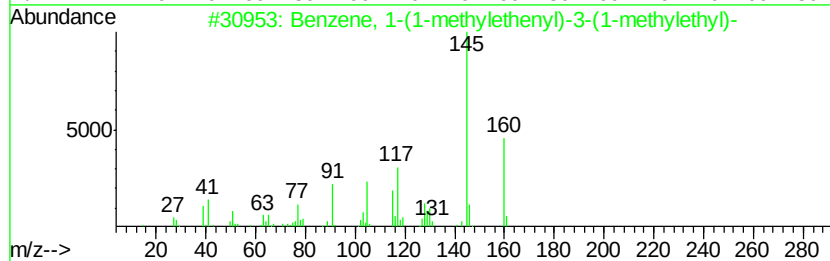
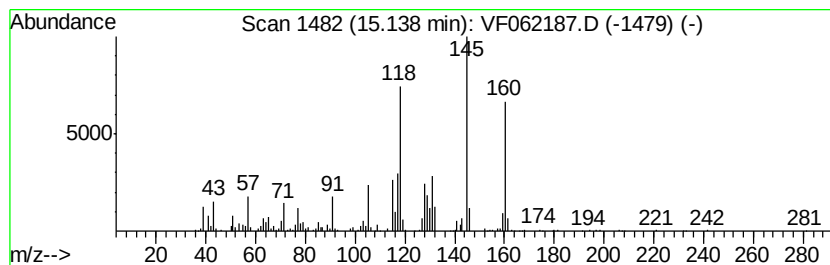
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-(1-methylethenyl)... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	11.36 ug/l	261695	1,4-Dichlorobenzene-d4	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	62
5		1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062187.D
Acq On : 16 Apr 2019 20:37
Operator : FY/SY
Sample : K2435-01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

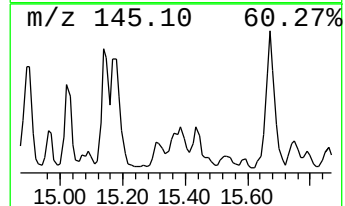
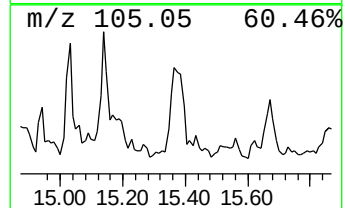
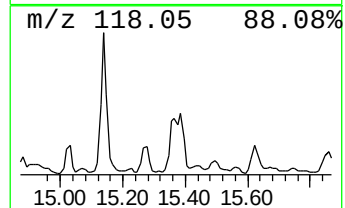
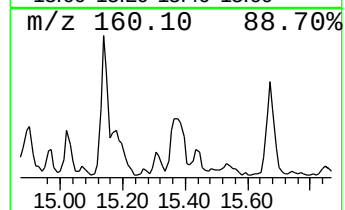
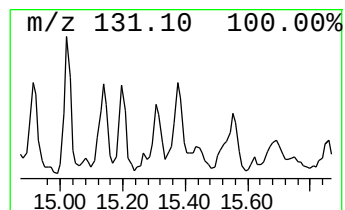
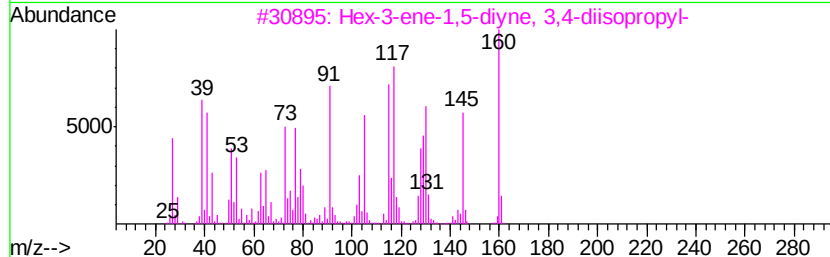
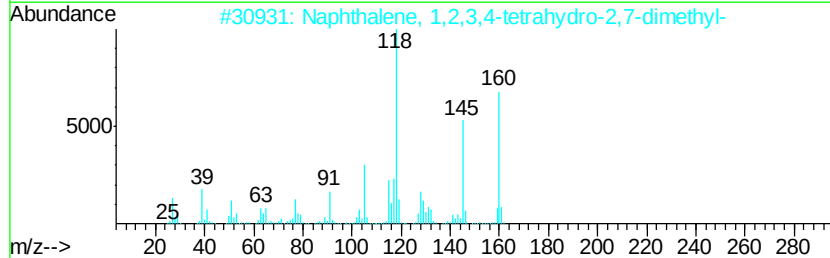
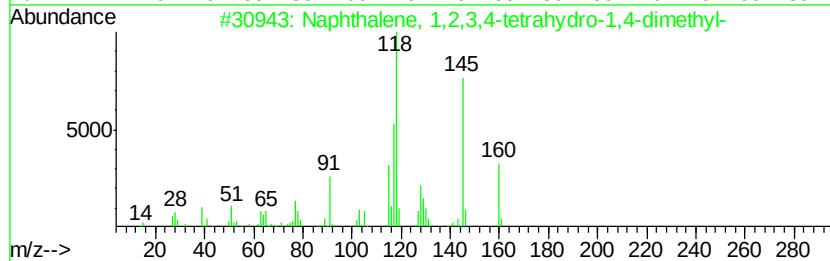
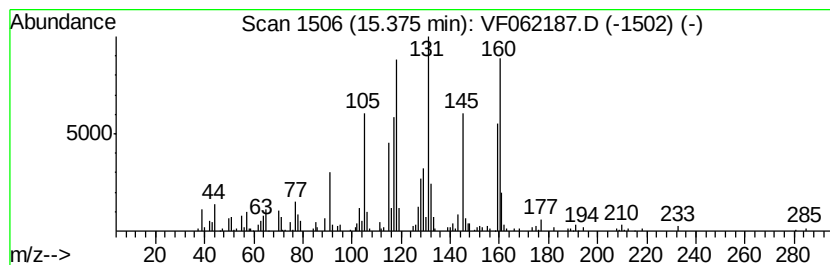
Instrument :
MSVOA_F
ClientSampleId :
BWM-S1-SOIL-PILE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	8.20 ug/l	188871	1,4-Dichlorobenzene-d4	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 70
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 58
3		Hex-3-ene-1,5-diyne, 3,4-diisopr...	160 C12H16	1000211-22-8 55
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160 C12H16	014679-13-1 46
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	007524-63-2 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF041619\
Data File : VF062187.D
Acq On : 16 Apr 2019 20:37
Operator : FY/SY
Sample : K2435-01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BWM-S1-SOIL-PILE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.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
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Ethene, tribromo-	11.94	5.4	ug/l	125320	4	12.61	1152330	50.0
unknown13.89	13.89	7.2	ug/l	165984	4	12.61	1152330	50.0
unknown14.19	14.19	6.4	ug/l	146870	4	12.61	1152330	50.0
Benzene, 4-(2-but...	14.89	8.5	ug/l	195995	4	12.61	1152330	50.0
Naphthalene, 1,2,...	15.03	11.9	ug/l	273621	4	12.61	1152330	50.0
Benzene, 1-(1-met...	15.14	11.4	ug/l	261695	4	12.61	1152330	50.0
Naphthalene, 1,2,...	15.37	8.2	ug/l	188871	4	12.61	1152330	50.0