

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 : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 17 08:41:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 07:56:48 2019
 Response via : Initial Calibration

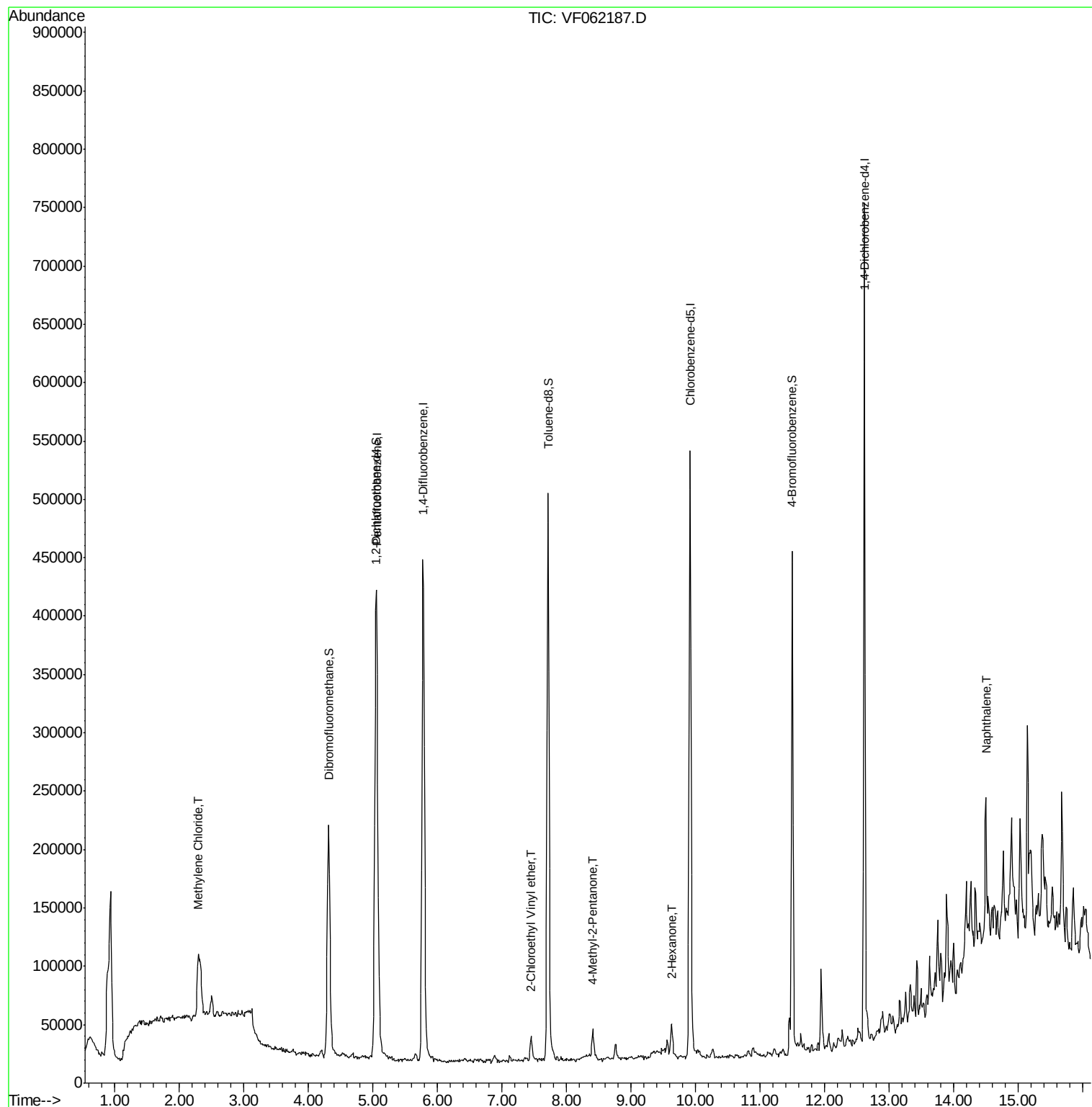
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	335884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	522929	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	406329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	189007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	142033	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
35) Dibromofluoromethane	4.32	113	198913	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	7.72	98	441903	36.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.32%	
62) 4-Bromofluorobenzene	11.49	95	180598	37.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.88%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.29	84	49893	10.907	ug/l	94
51) 4-Methyl-2-Pentanone	8.41	43	24983	10.482	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.45	63	11505	14.543	ug/l	96
59) 2-Hexanone	9.63	43	28016	18.495	ug/l	93
95) Naphthalene	14.50	128	30814	3.950	ug/l #	87

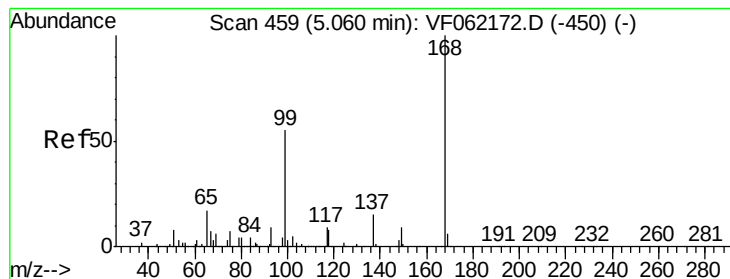
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Time: Apr 17 08:41:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 07:56:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062187.D

Acq: 16 Apr 2019 20:37

Instrument :

MSVOA_F

ClientSampleId :

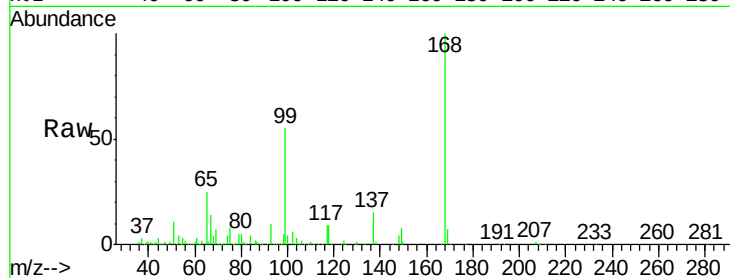
BWM-S1-SOIL-PILE

Tot Ion:168 Resp: 335884

Ion Ratio Lower Upper

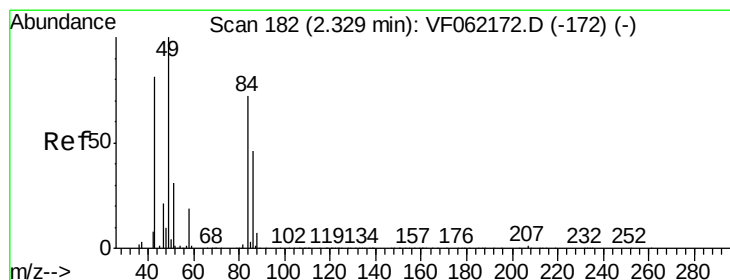
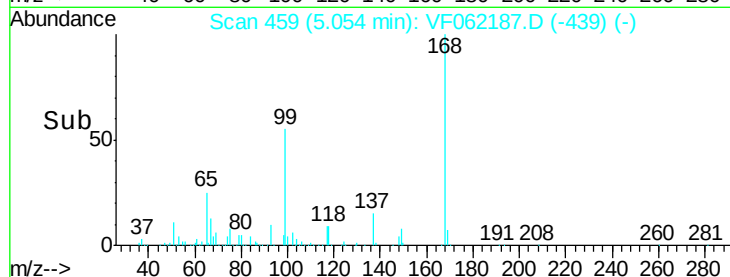
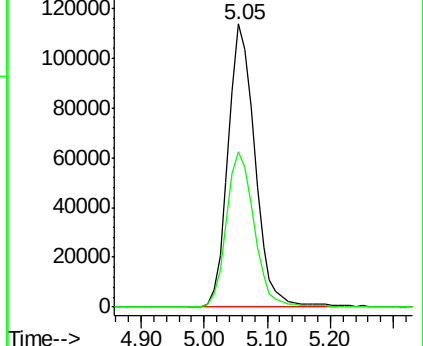
168 100

99 55.1 44.2 66.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 10.907 ug/l

RT: 2.29 min Scan# 179

Delta R.T. -0.03 min

Lab File: VF062187.D

Acq: 16 Apr 2019 20:37

Tgt Ion: 84 Resp: 49893

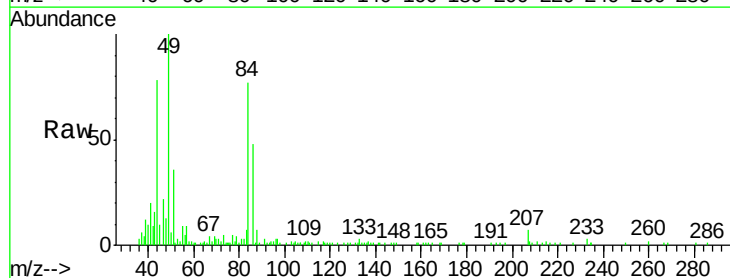
Ion Ratio Lower Upper

84 100

49 129.7 111.5 167.3

51 46.3 34.9 52.3

86 62.4 50.9 76.3

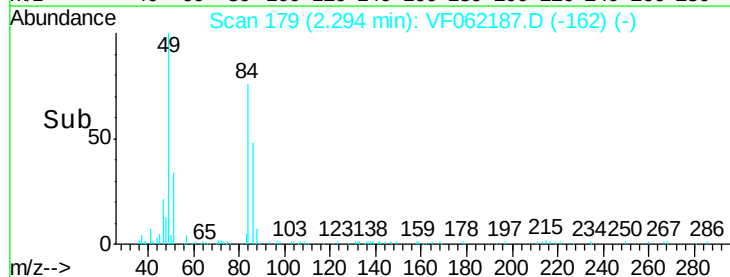
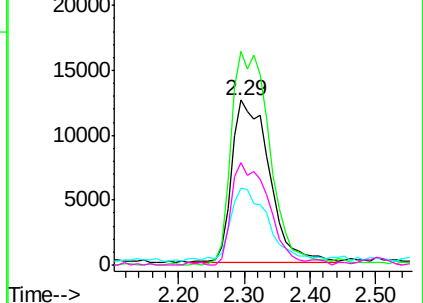


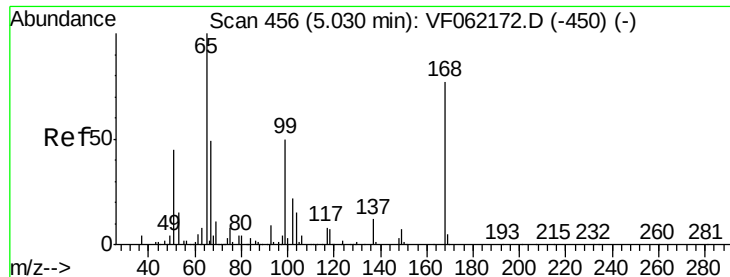
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

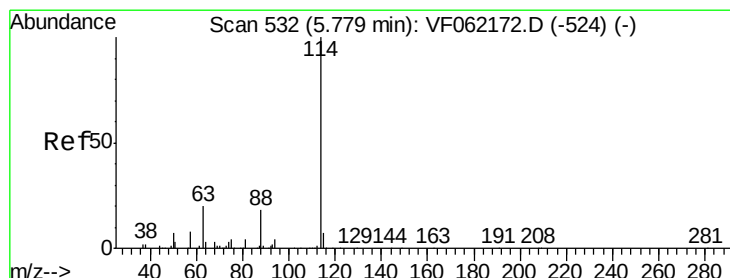
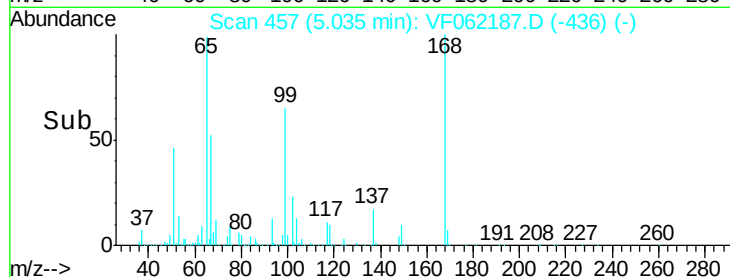
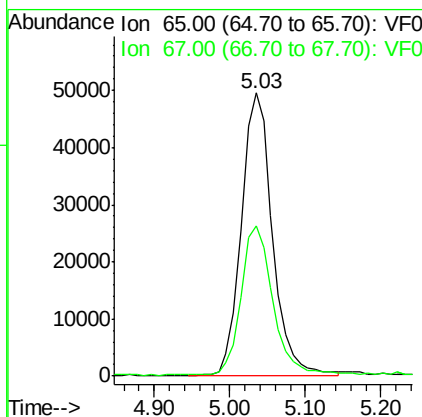
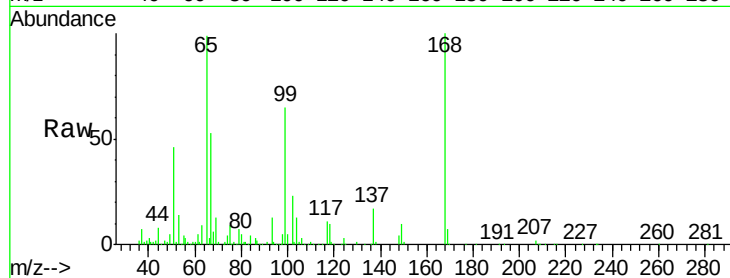




#33
 1,2-Dichloroethane-d4
 Concen: 46.960 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VF062187.D
 Acq: 16 Apr 2019 20:37

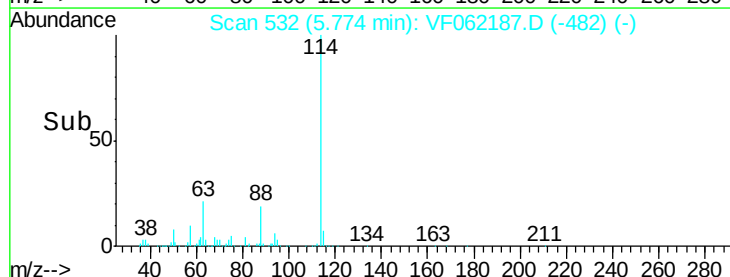
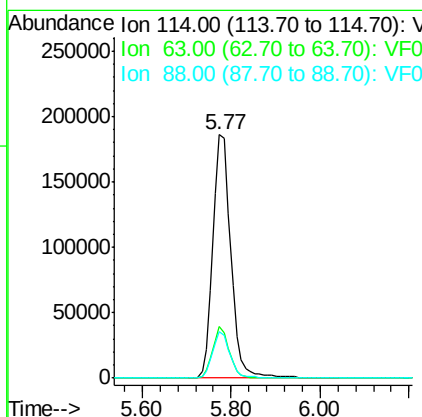
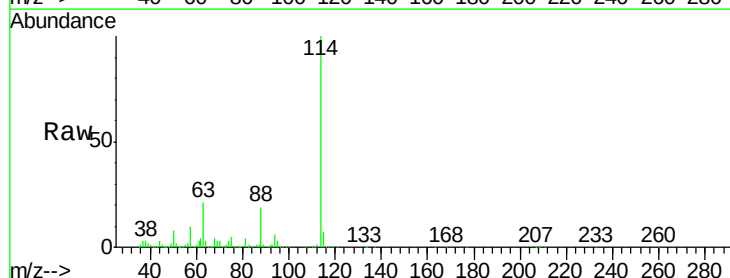
Instrument :
 MSVOA_F
 ClientSampleId :
 BWM-S1-SOIL-PILE

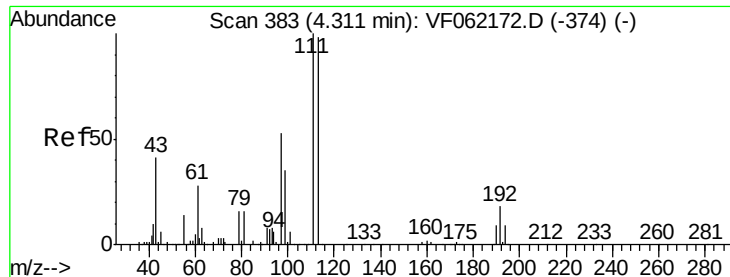
Tot Ion: 65 Resp: 142033
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VF062187.D
 Acq: 16 Apr 2019 20:37

Tgt Ion: 114 Resp: 522929
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.0
 88 19.2 0.0 36.6

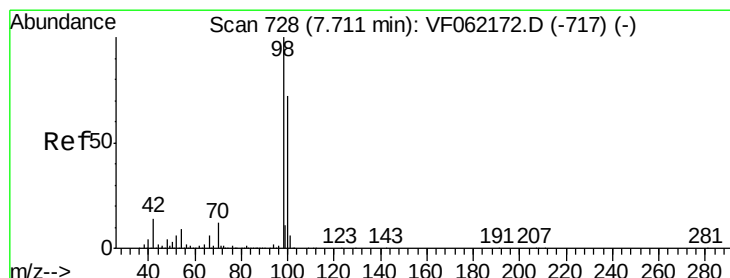
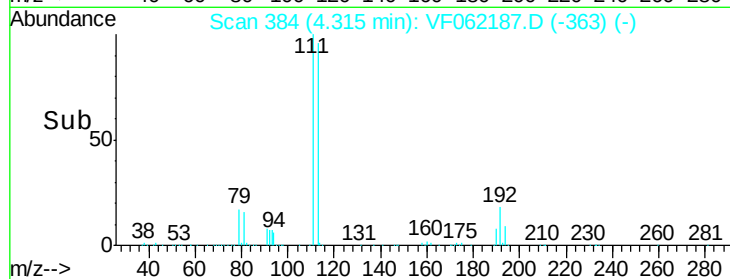
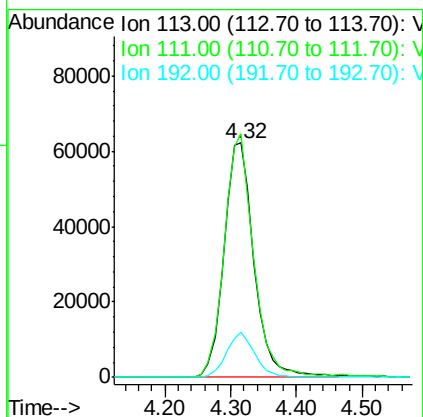
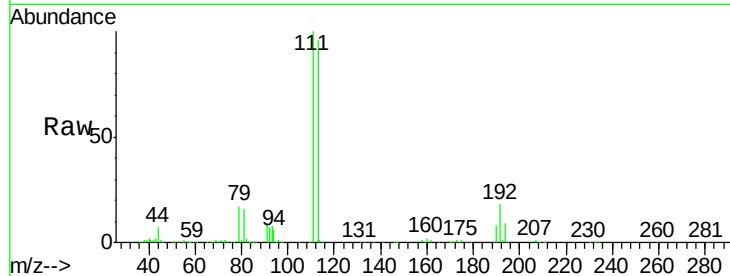




#35
 Dibromofluoromethane
 Concen: 48.221 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VF062187.D
 Acq: 16 Apr 2019 20:37

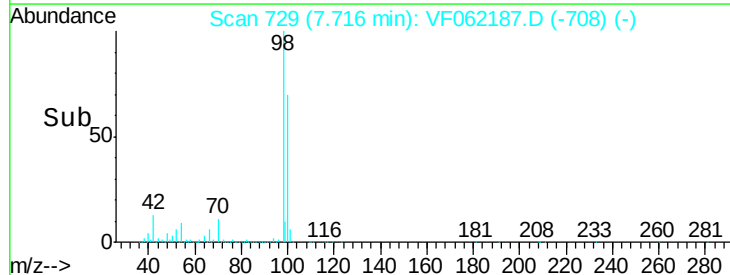
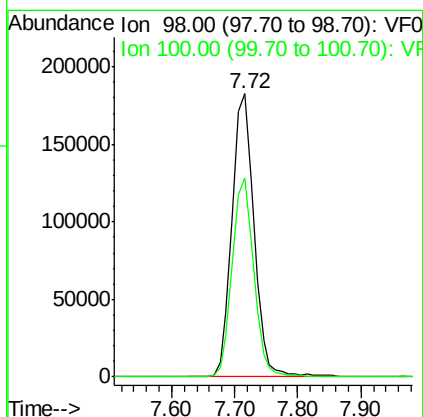
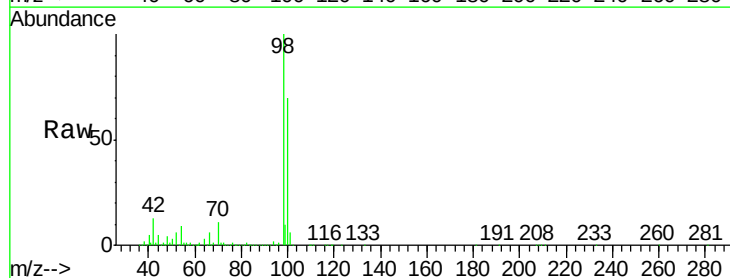
Instrument :
 MSVOA_F
 ClientSampleId :
 BWM-S1-SOIL-PILE

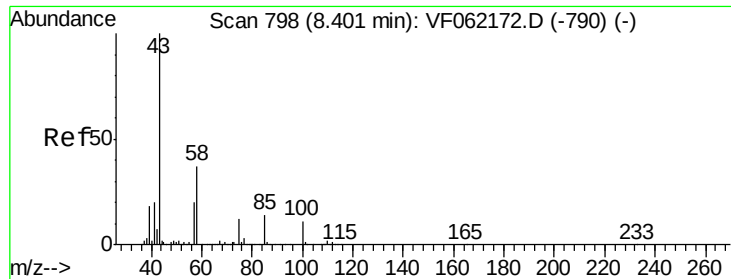
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	19.0	15.0	22.4



#50
 Toluene-d8
 Concen: 36.659 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF062187.D
 Acq: 16 Apr 2019 20:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.1	57.4	86.0





#51

4-Methyl-2-Pentanone

Concen: 10.482 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.00 min

Lab File: VF062187.D

Acq: 16 Apr 2019 20:37

Instrument :

MSVOA_F

ClientSampleId :

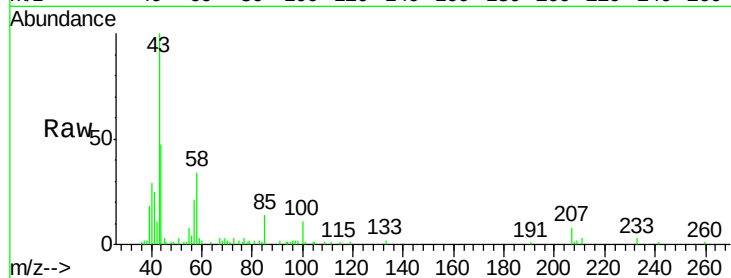
BWM-S1-SOIL-PILE

Tot Ion: 43 Resp: 24983

Ion Ratio Lower Upper

43 100

58 34.4 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

6000

4000

2000

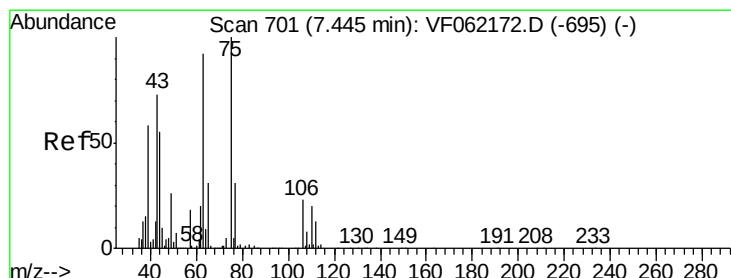
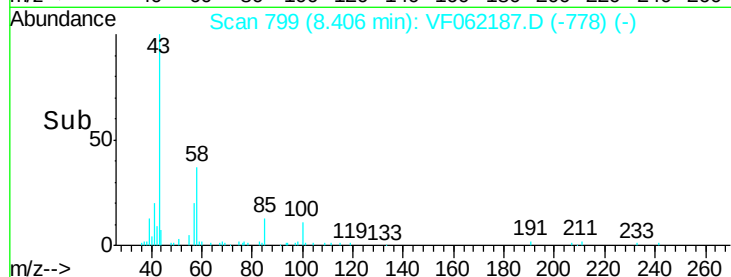
0

8.30

8.40

8.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.543 ug/l

RT: 7.45 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF062187.D

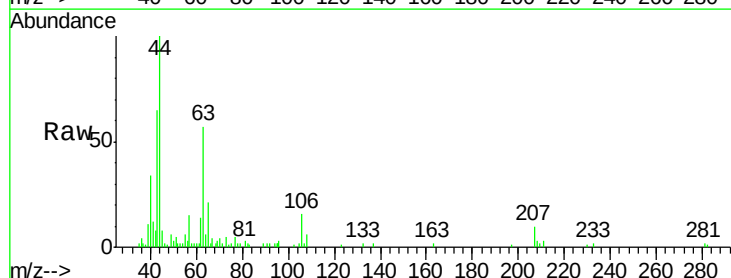
Acq: 16 Apr 2019 20:37

Tgt Ion: 63 Resp: 11505

Ion Ratio Lower Upper

63 100

106 27.4 20.2 30.4



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

5000

4000

3000

2000

1000

0

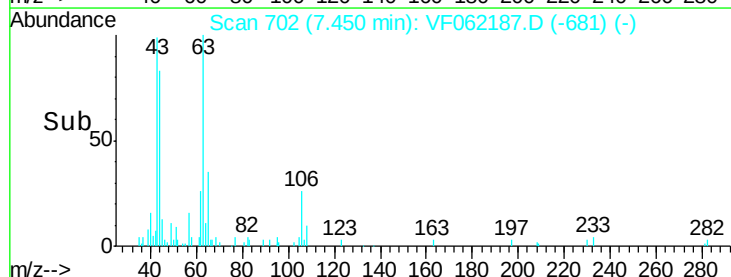
7.40

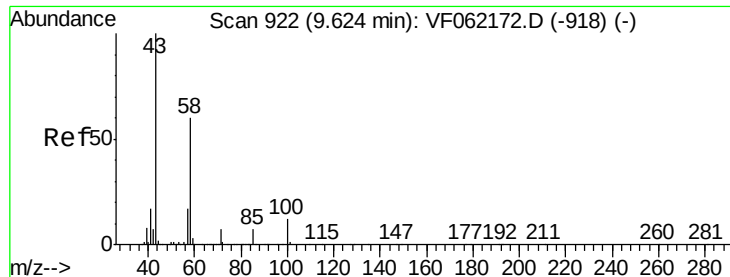
7.45

7.50

7.60

Time-->

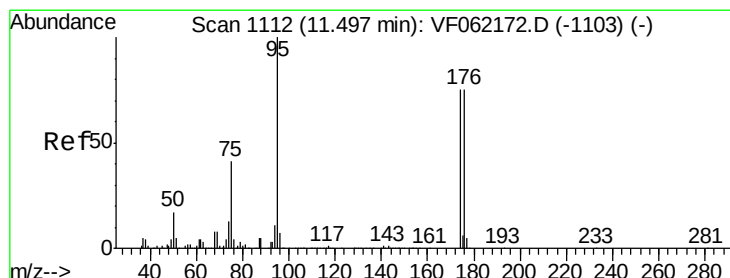
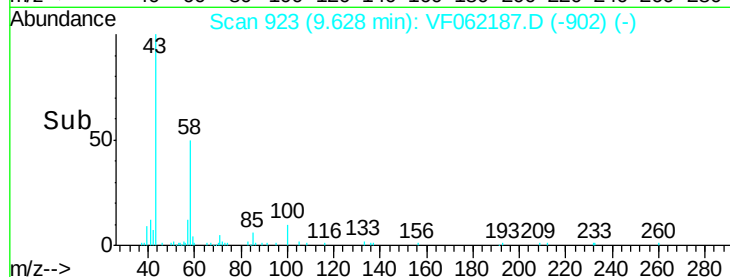
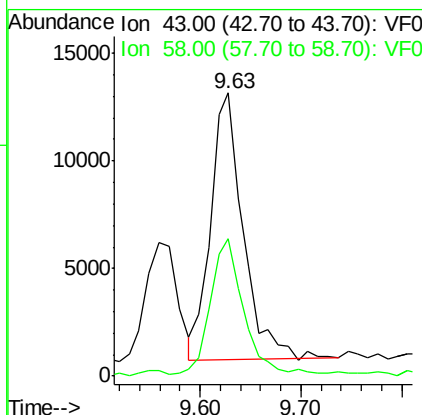
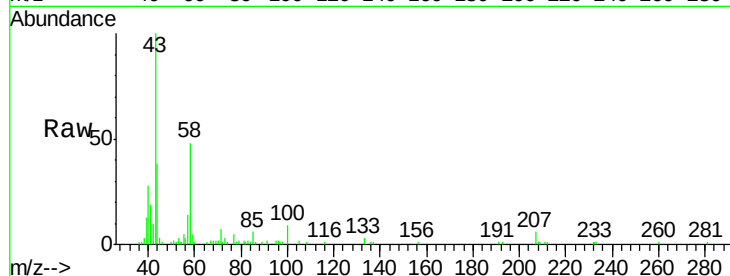




#59
2-Hexanone
Concen: 18.495 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF062187.D
Acq: 16 Apr 2019 20:37

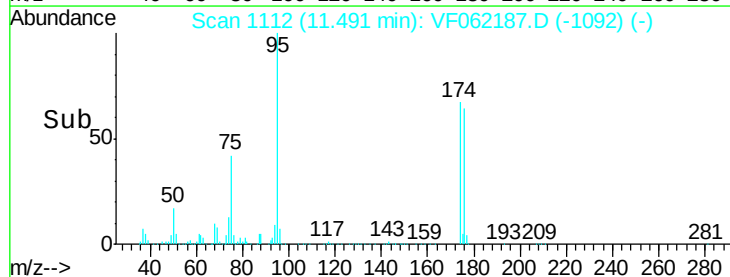
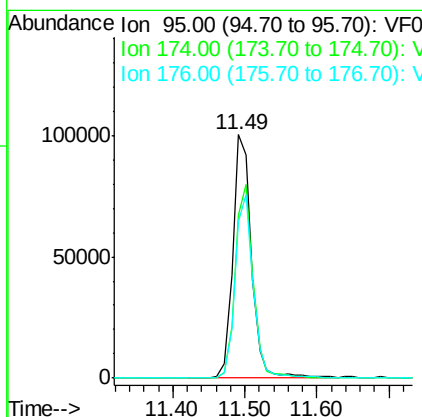
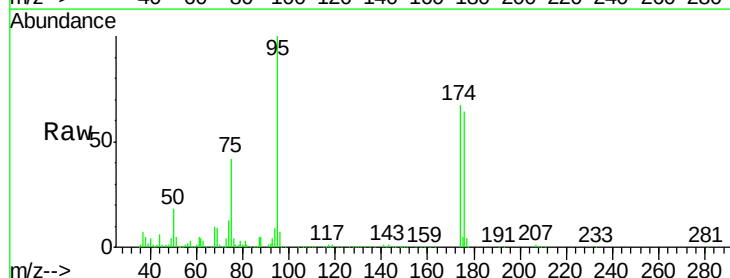
Instrument :
MSVOA_F
ClientSampleId :
BWM-S1-SOIL-PILE

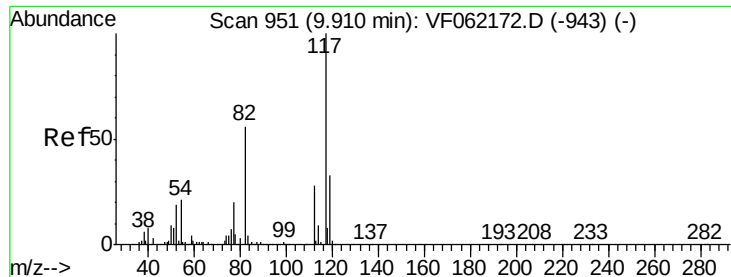
Tot Ion: 43 Resp: 28016
Ion Ratio Lower Upper
43 100
58 48.4 26.8 80.4



#62
4-Bromofluorobenzene
Concen: 37.938 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062187.D
Acq: 16 Apr 2019 20:37

Tgt Ion: 95 Resp: 180598
Ion Ratio Lower Upper
95 100
174 67.2 0.0 150.2
176 64.4 0.0 149.4

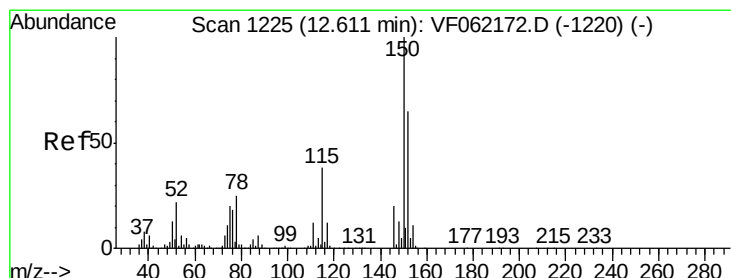
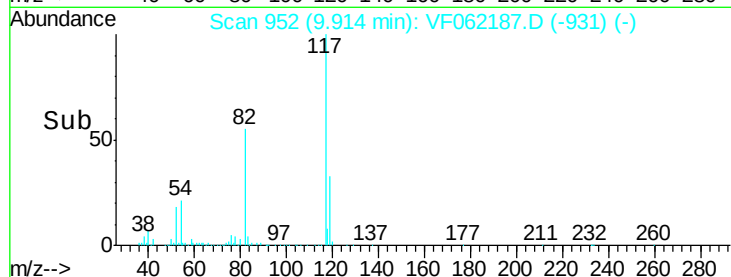
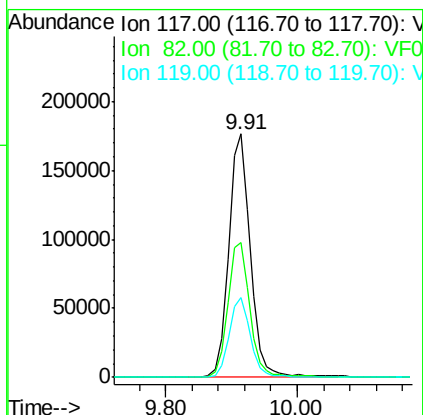
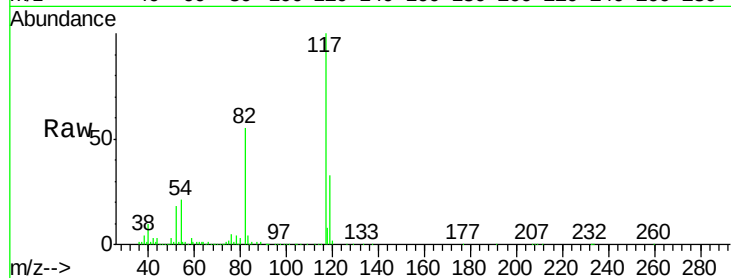




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062187.D
Acq: 16 Apr 2019 20:37

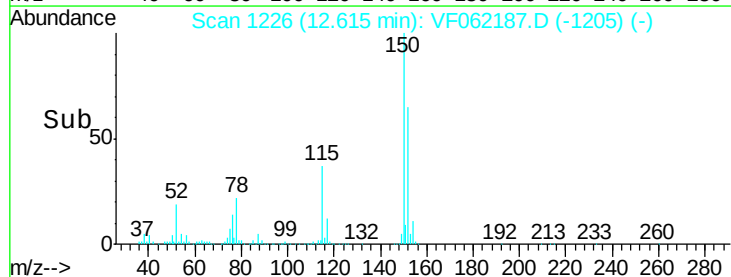
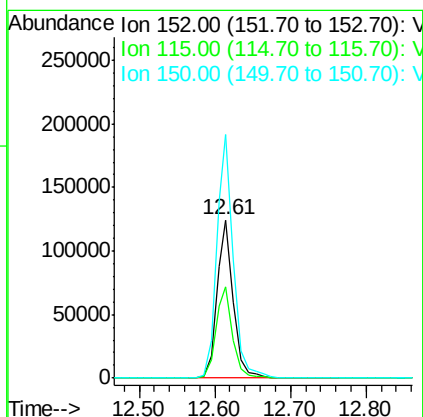
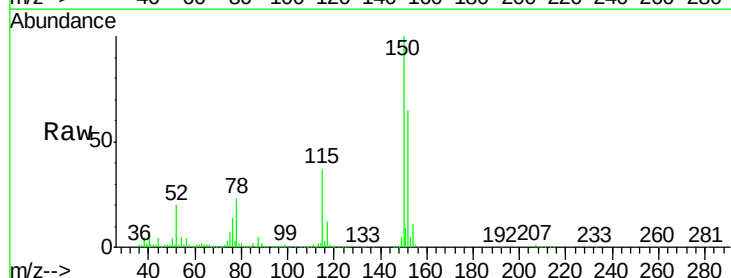
Instrument :
MSVOA_F
ClientSampleId :
BWM-S1-SOIL-PILE

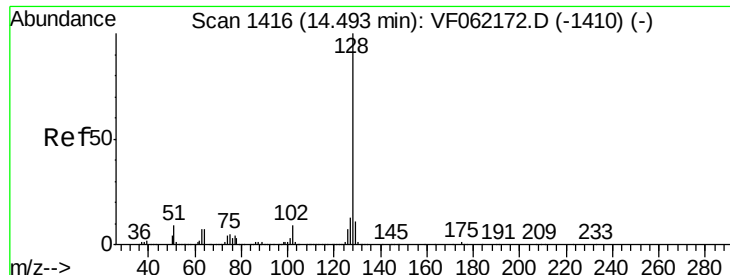
Tot Ion:117 Resp: 406329
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062187.D
Acq: 16 Apr 2019 20:37

Tgt Ion:152 Resp: 189007
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.1
150 153.8 0.0 309.2





#95

Naphthalene

Concen: 3.950 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062187.D

Acq: 16 Apr 2019 20:37

Instrument :

MSVOA_F

ClientSampleId :

BWM-S1-SOIL-PILE

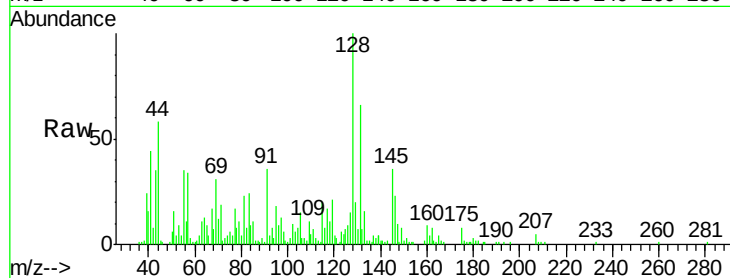
Tot Ion:128 Resp: 30814

Ion Ratio Lower Upper

128 100

127 15.1 10.3 15.5

129 19.9 9.2 13.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

