

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062188.D
 Acq On : 16 Apr 2019 21:05
 Operator : FY/SY
 Sample : K2435-02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BWM-S2-SOIL-PILE

Quant Time: Apr 17 08:44:49 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

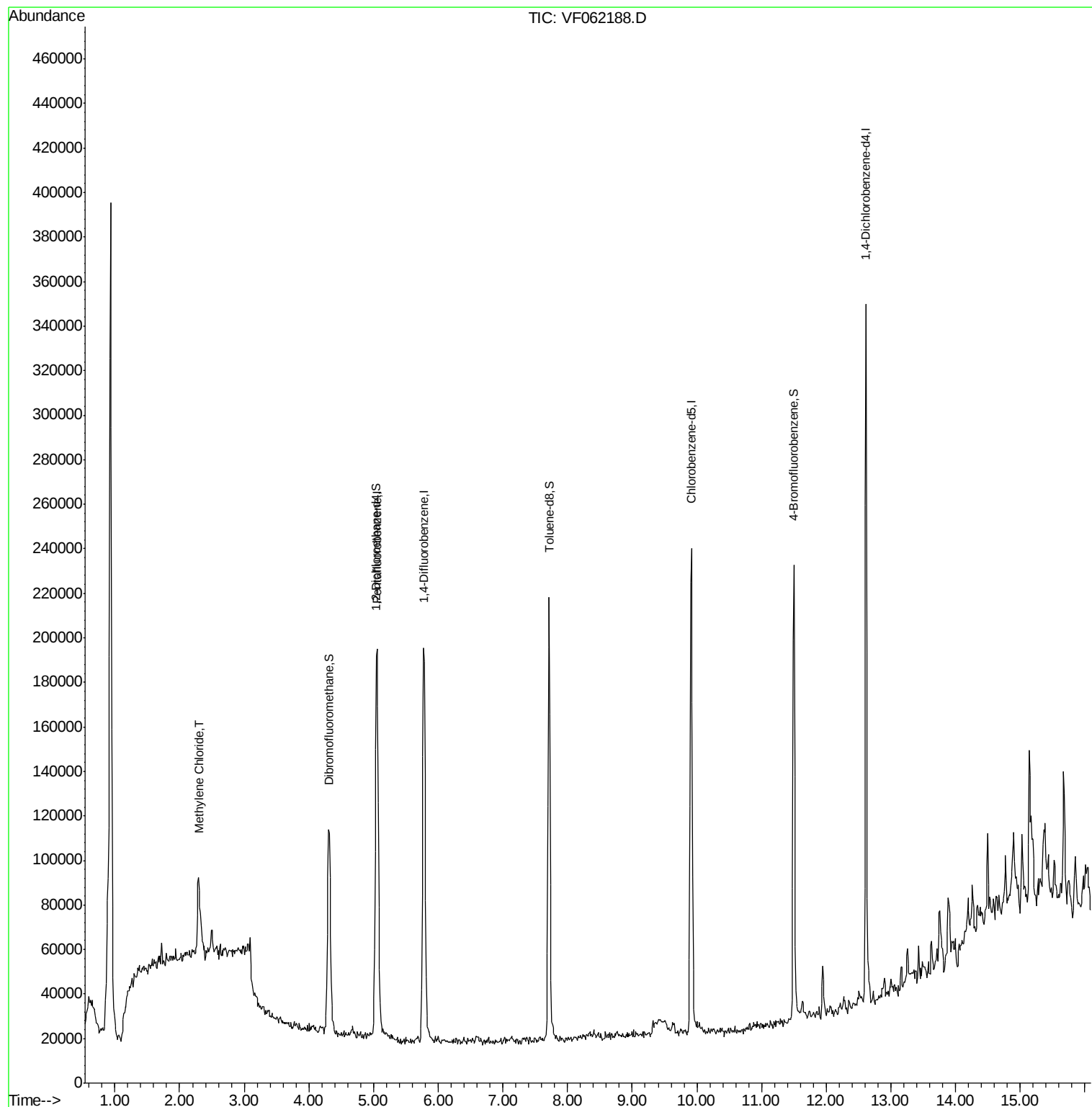
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	141206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	216680	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	171286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	84490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	66406	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	4.31	113	90160	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
50) Toluene-d8	7.71	98	177965	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.26%	
62) 4-Bromofluorobenzene	11.50	95	82462	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
Target Compounds						
20) Methylene Chloride	2.29	84	25884	14.941	ug/l	Qvalue 87

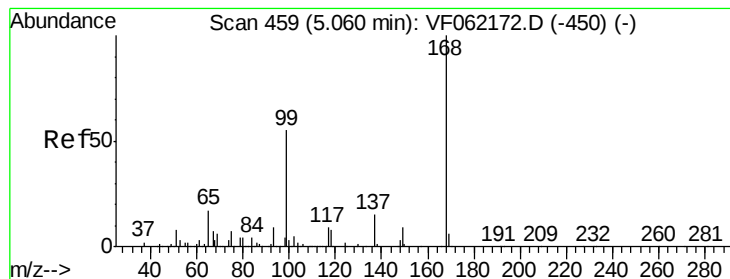
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062188.D

Acq: 16 Apr 2019 21:05

Instrument :

MSVOA_F

ClientSampleId :

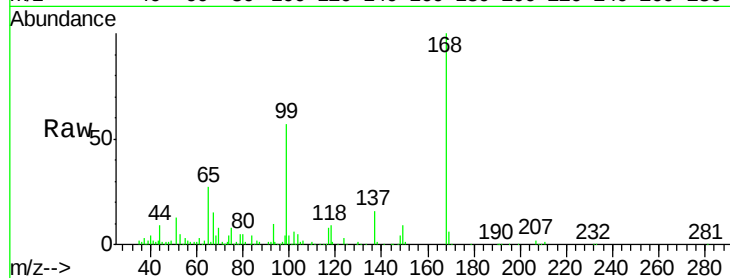
BWM-S2-SOIL-PILE

Tot Ion:168 Resp: 141206

Ion Ratio Lower Upper

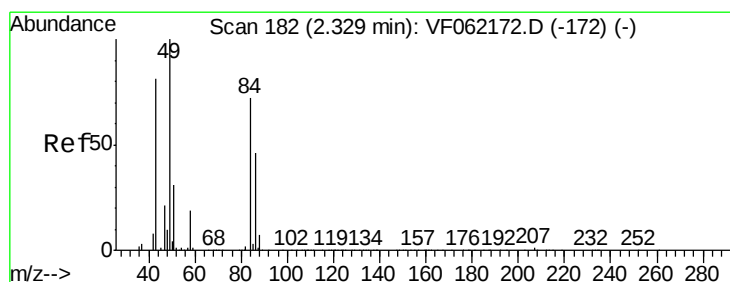
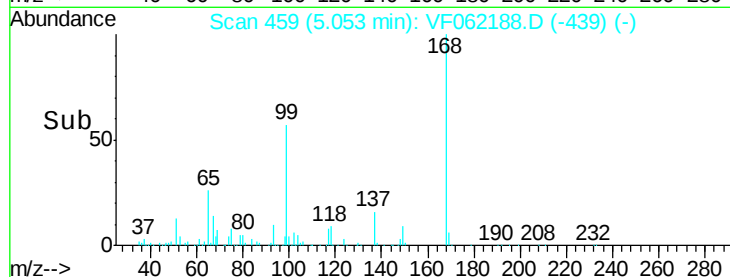
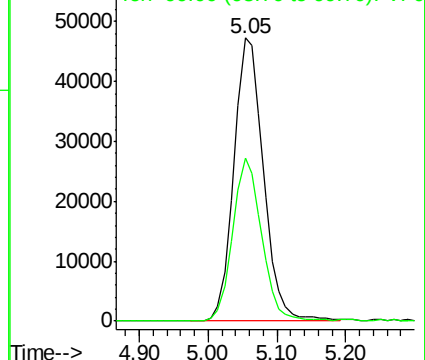
168 100

99 57.4 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: 14.941 ug/l

RT: 2.29 min Scan# 179

Delta R.T. -0.04 min

Lab File: VF062188.D

Acq: 16 Apr 2019 21:05

Tgt Ion: 84 Resp: 25884

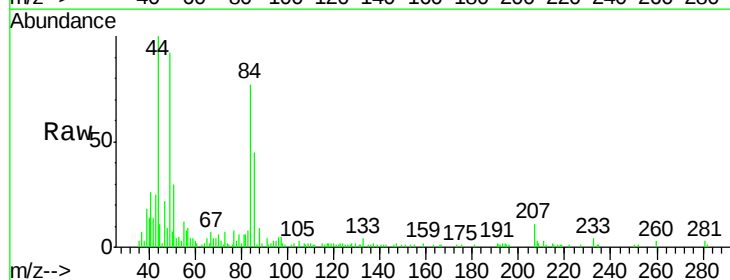
Ion Ratio Lower Upper

84 100

49 118.9 111.5 167.3

51 39.1 34.9 52.3

86 58.2 50.9 76.3

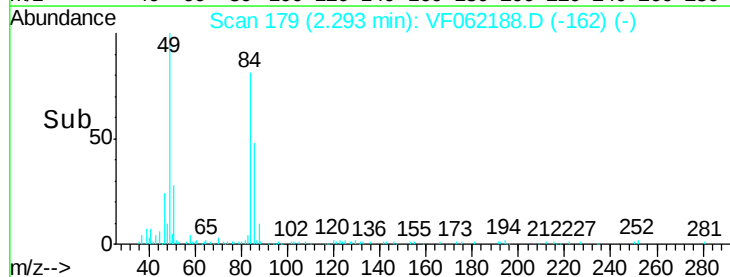
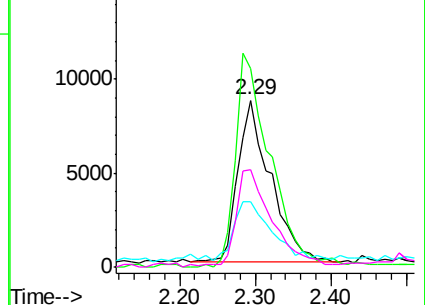


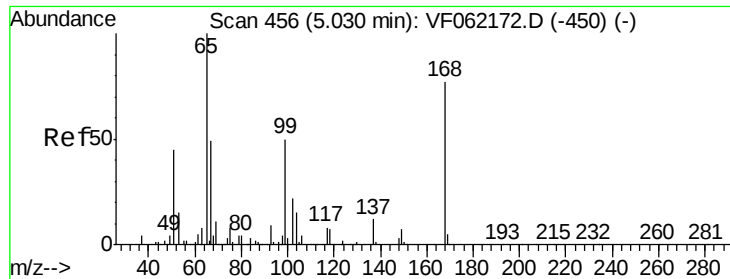
Abundance Ion 84.00 (83.70 to 84.70): VF0

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: 52.225 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062188.D

Acq: 16 Apr 2019 21:05

Instrument :

MSVOA_F

ClientSampleId :

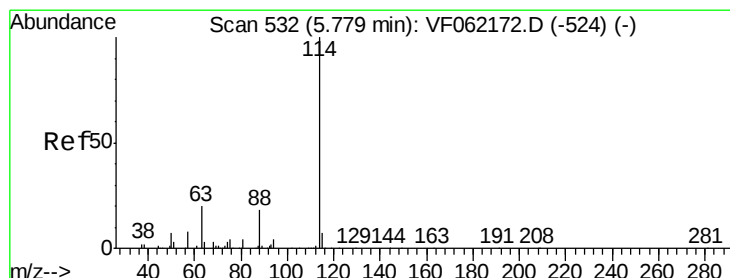
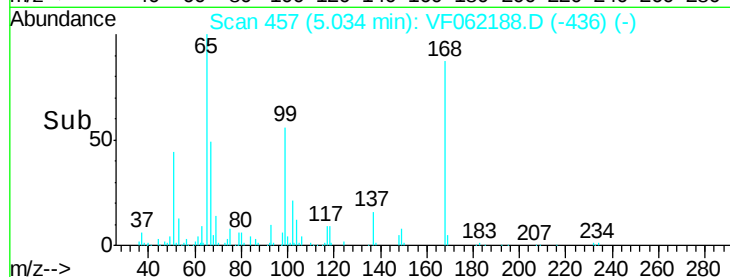
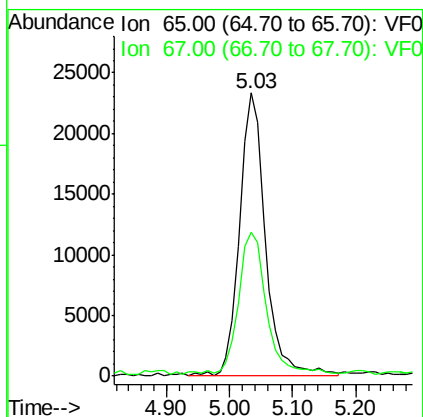
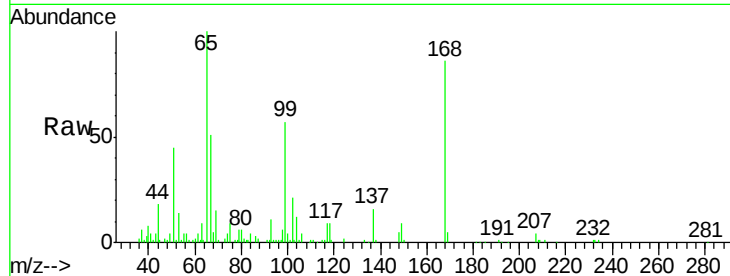
BWM-S2-SOIL-PILE

Tot Ion: 65 Resp: 66406

Ion Ratio Lower Upper

65 100

67 51.0 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: VF062188.D

Acq: 16 Apr 2019 21:05

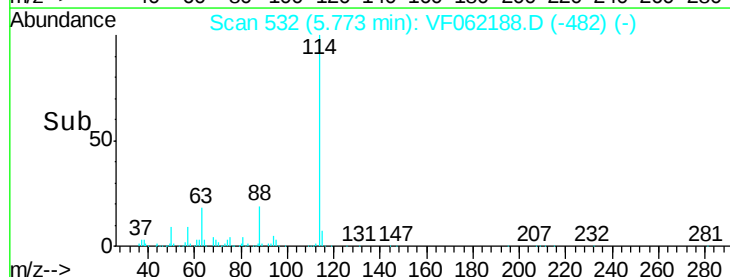
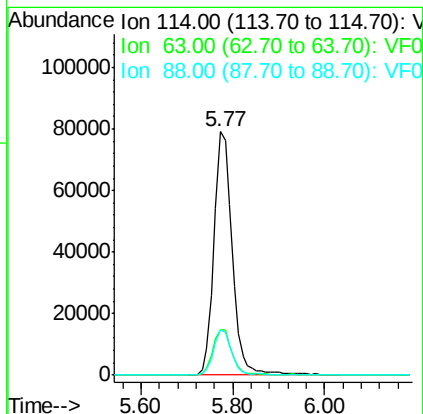
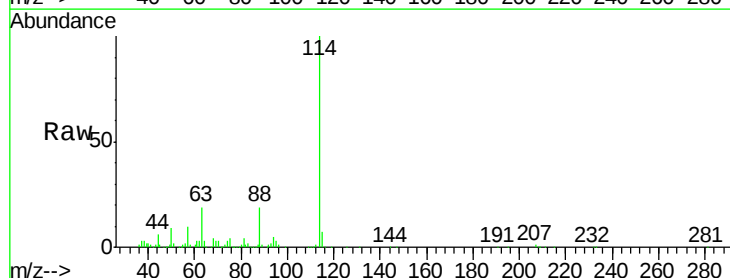
Tgt Ion: 114 Resp: 216680

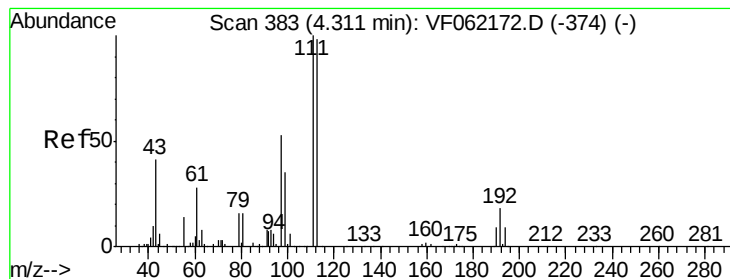
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 18.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.749 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062188.D

Acq: 16 Apr 2019 21:05

Instrument :

MSVOA_F

ClientSampleId :

BWM-S2-SOIL-PILE

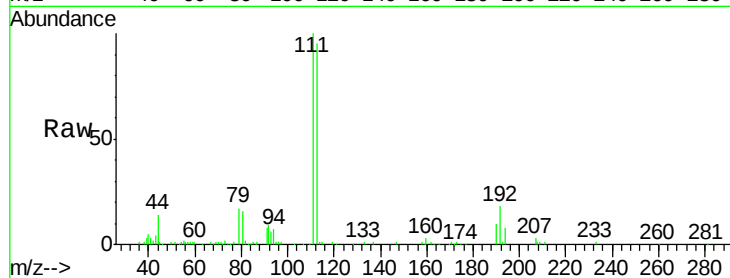
Tot Ion:113 Resp: 90160

Ion Ratio Lower Upper

113 100

111 105.4 81.6 122.4

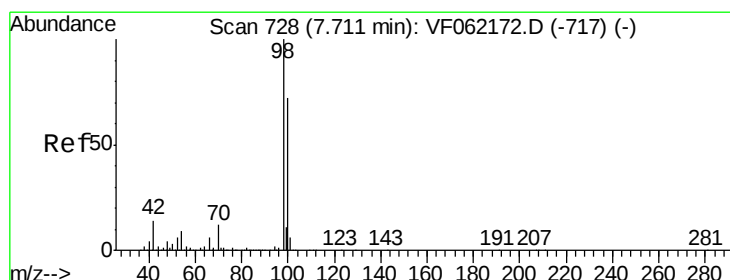
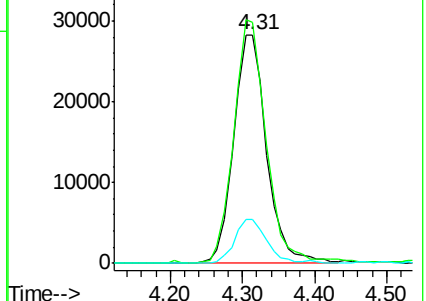
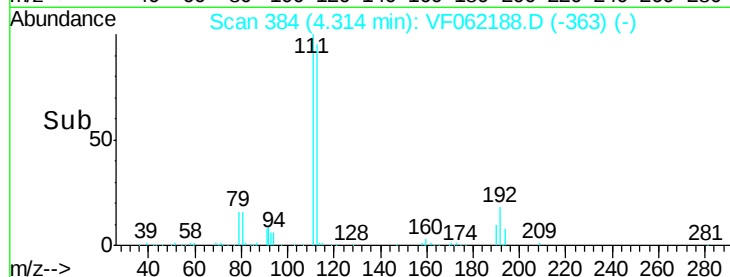
192 19.4 15.0 22.4



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 35.630 ug/l

RT: 7.71 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF062188.D

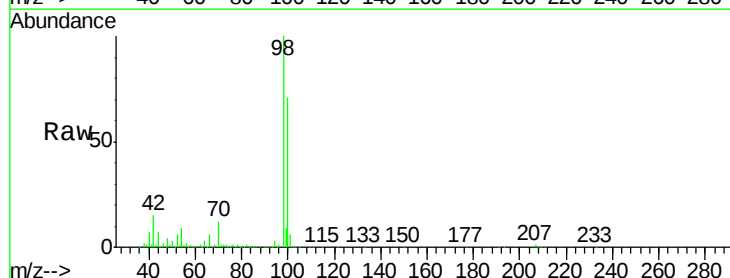
Acq: 16 Apr 2019 21:05

Tgt Ion: 98 Resp: 177965

Ion Ratio Lower Upper

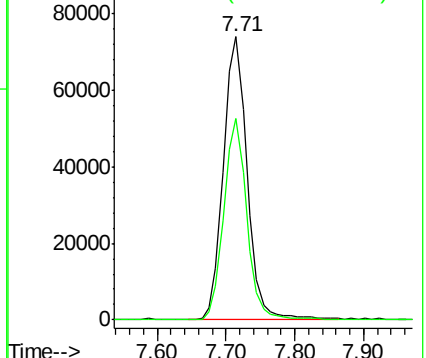
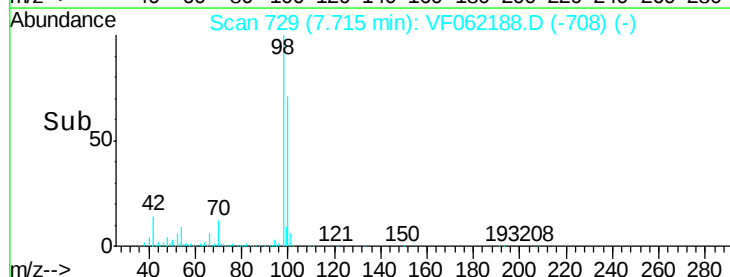
98 100

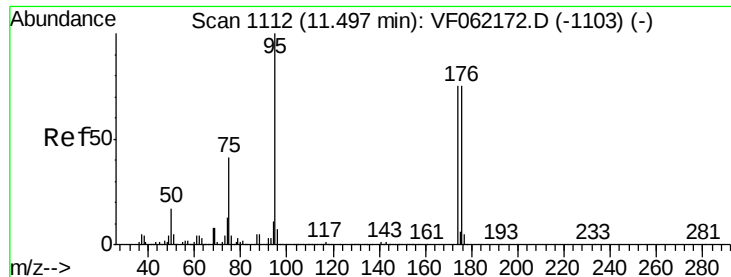
100 71.2 57.4 86.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 41.806 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062188.D

Acq: 16 Apr 2019 21:05

Instrument :

MSVOA_F

ClientSampleId :

BWM-S2-SOIL-PILE

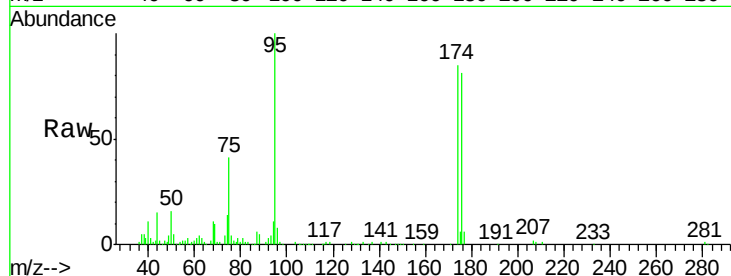
Tot Ion: 95 Resp: 82462

Ion Ratio Lower Upper

95 100

174 84.7 0.0 150.2

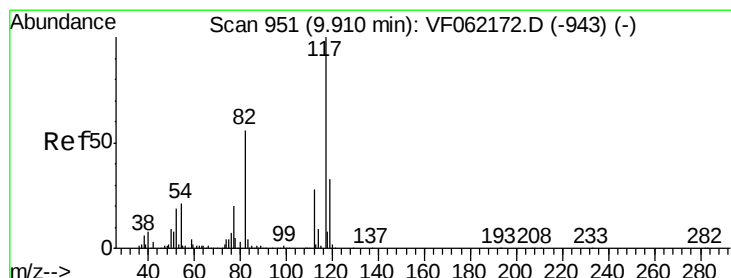
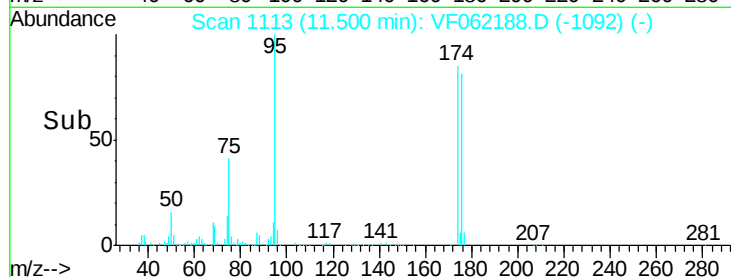
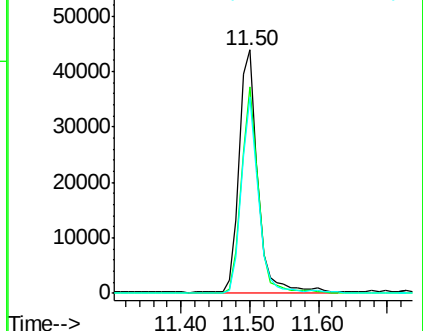
176 80.6 0.0 149.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF062188.D

Acq: 16 Apr 2019 21:05

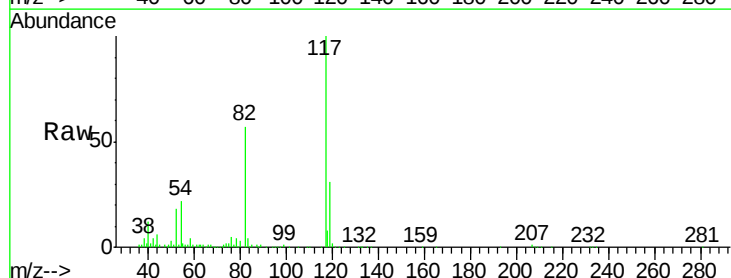
Tgt Ion: 117 Resp: 171286

Ion Ratio Lower Upper

117 100

82 57.3 45.2 67.8

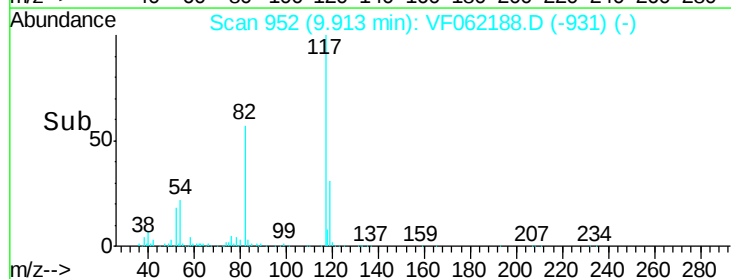
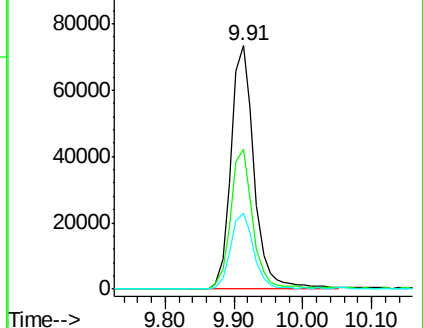
119 31.2 26.6 39.8

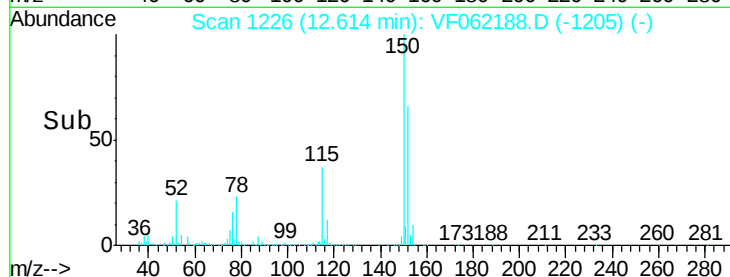
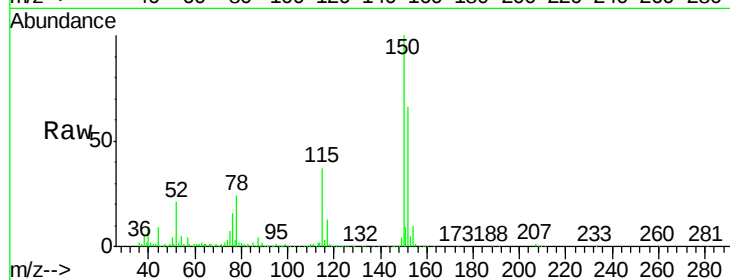
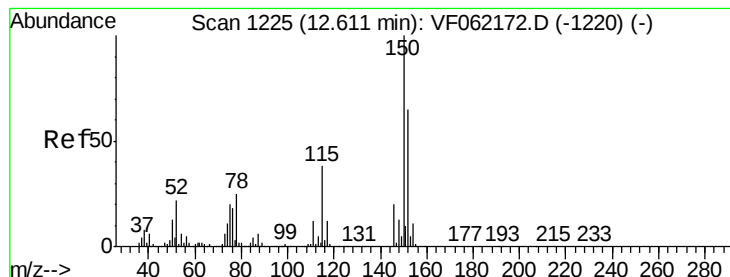


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062188.D

Acq: 16 Apr 2019 21:05

Instrument :

MSVOA_F

ClientSampleId :

BWM-S2-SOIL-PILE

Tot Ion:152 Resp: 84490

Ion Ratio Lower Upper

152 100

115 55.9 29.0 87.1

150 150.9 0.0 309.2

