

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060361.D
 Acq On : 26 Sep 2018 19:35
 Operator : VA/AP
 Sample : J5077-02
 Misc : 6.40/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PARCEL-186-092418-2

Quant Time: Sep 27 03:47:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	309316	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	524551	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	398002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	170810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	234664	56.34	ug/l	0.00
Spiked Amount						
			Recovery	=		112.68%
35) Dibromofluoromethane	4.29	113	249170	53.29	ug/l	0.00
Spiked Amount						
			Recovery	=		106.58%
50) Toluene-d8	7.70	98	508902	41.79	ug/l	-0.01
Spiked Amount						
			Recovery	=		83.58%
62) 4-Bromofluorobenzene	11.50	95	198433	37.70	ug/l	0.00
Spiked Amount						
			Recovery	=		75.40%

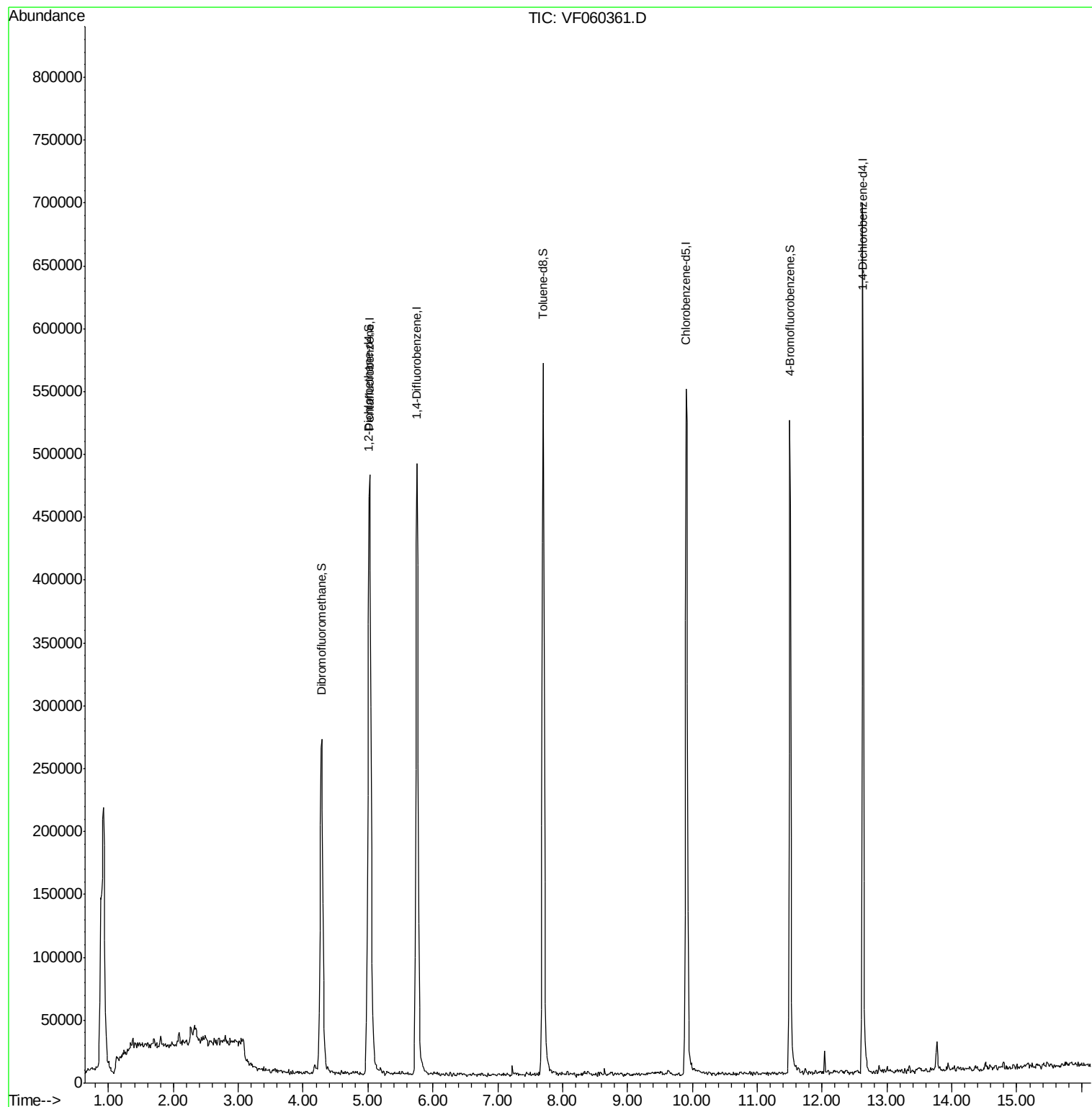
Target Compounds	Qvalue
------------------	--------

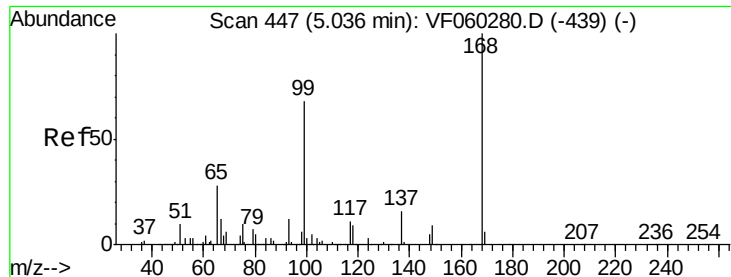
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092618\
Data File : VF060361.D
Acq On : 26 Sep 2018 19:35
Operator : VA/AP
Sample : J5077-02
Misc : 6.40/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PARCEL-186-092418-2

Quant Time: Sep 27 03:47:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060361.D

Acq: 26 Sep 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

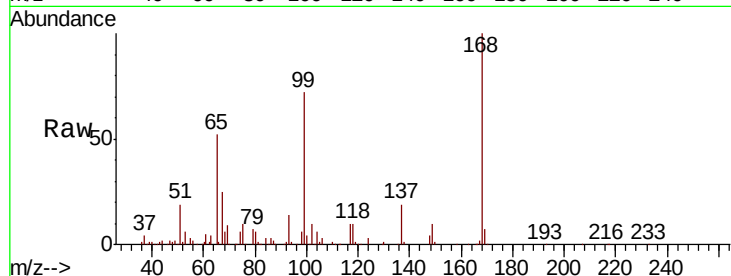
PARCEL-186-092418-2

Tot Ion:168 Resp: 309316

Ion Ratio Lower Upper

168 100

99 72.0 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

120000

100000

80000

60000

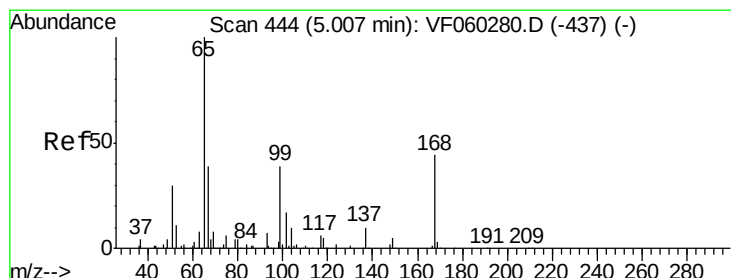
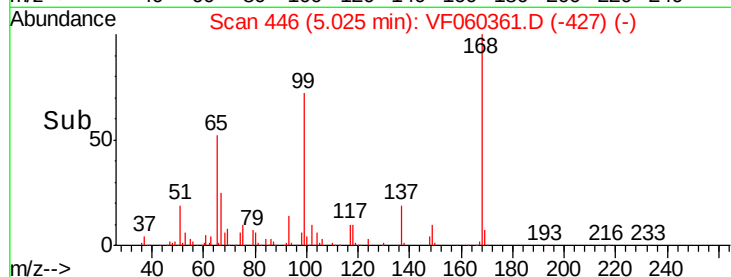
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 56.341 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060361.D

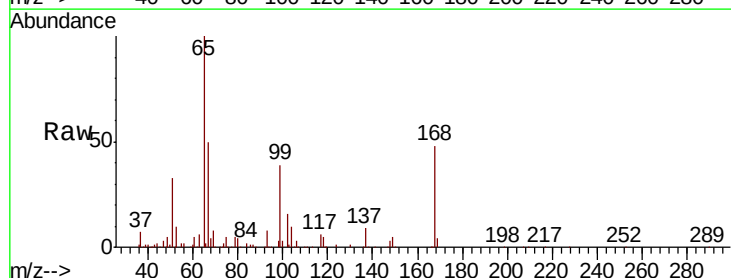
Acq: 26 Sep 2018 19:35

Tgt Ion: 65 Resp: 234664

Ion Ratio Lower Upper

65 100

67 50.1 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

80000

60000

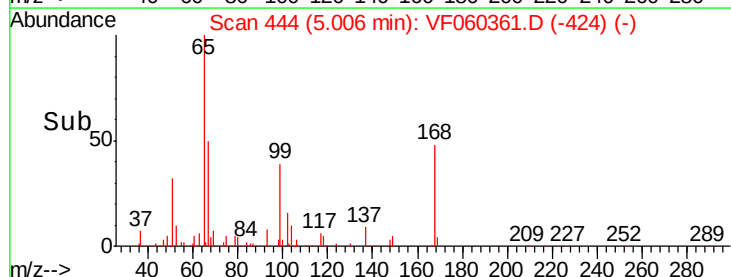
40000

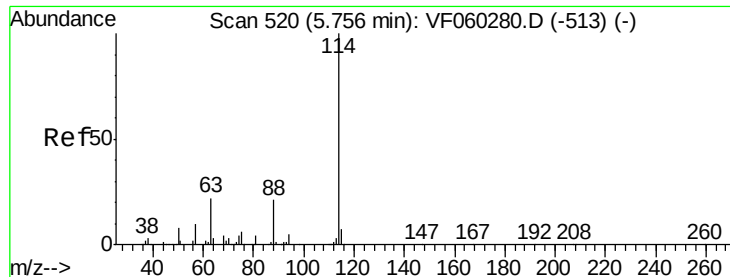
20000

0

Time-->

4.90 5.00 5.10 5.20

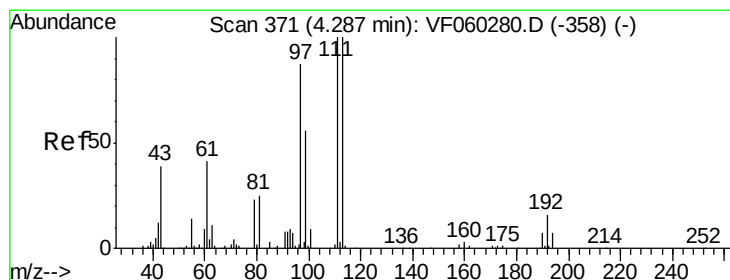
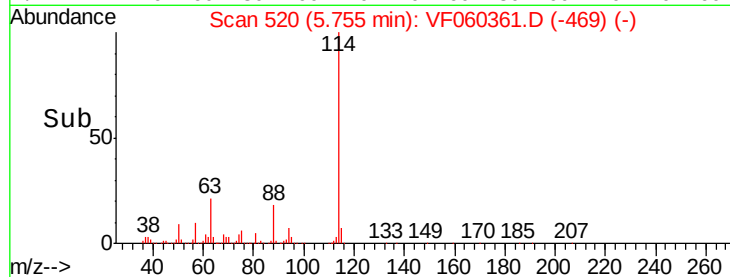
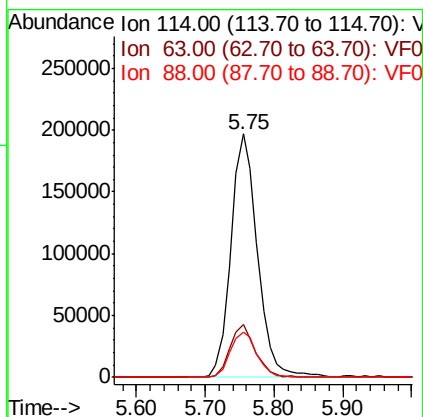
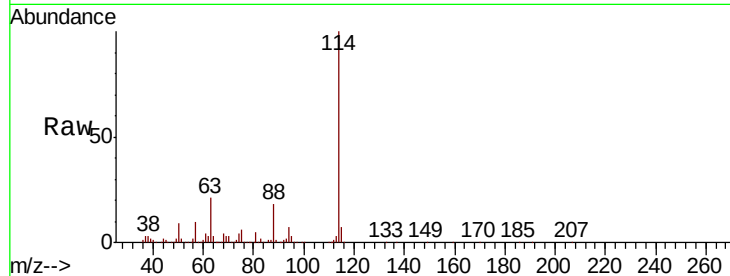




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: VF060361.D
 Acq: 26 Sep 2018 19:35

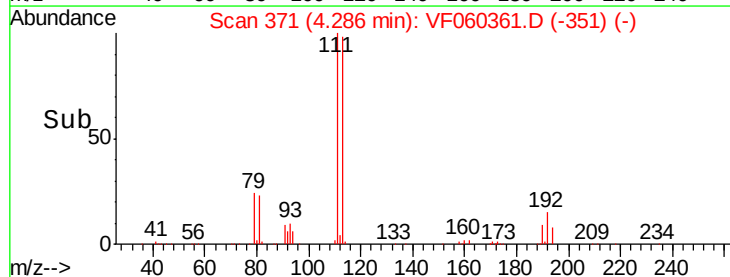
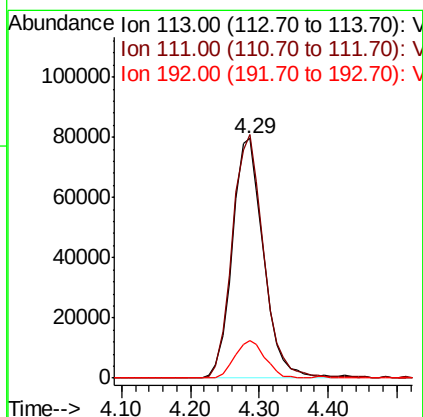
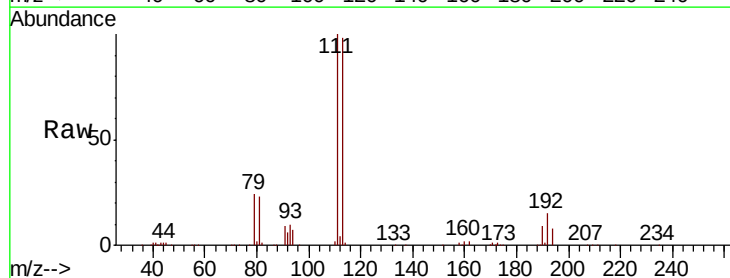
Instrument :
 MSVOA_F
 ClientSampleId :
 PARCEL-186-092418-2

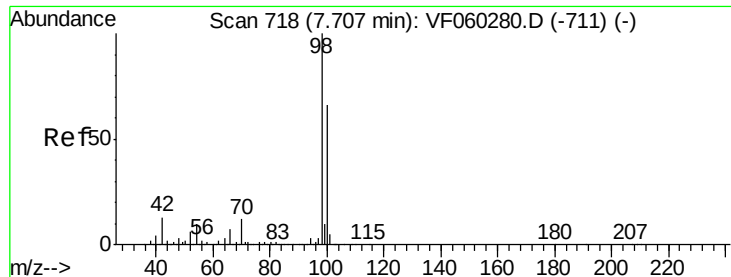
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.8
88	18.4	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 53.287 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VF060361.D
 Acq: 26 Sep 2018 19:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	79.6	119.4
192	15.7	13.0	19.6

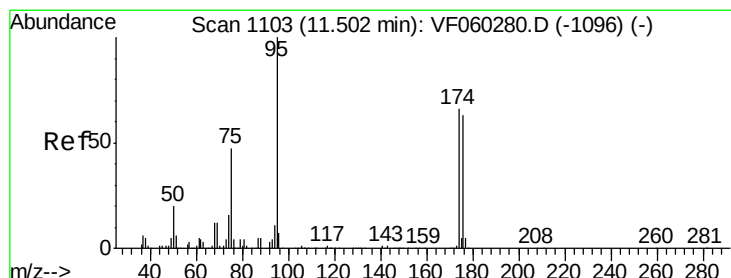
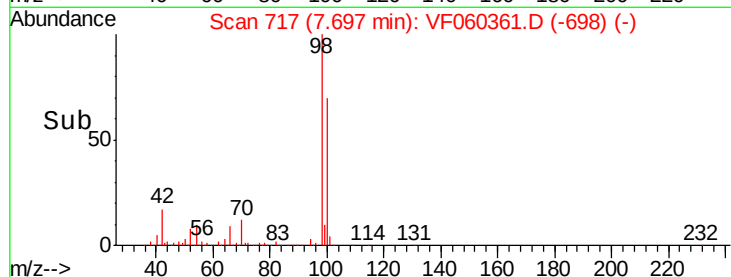
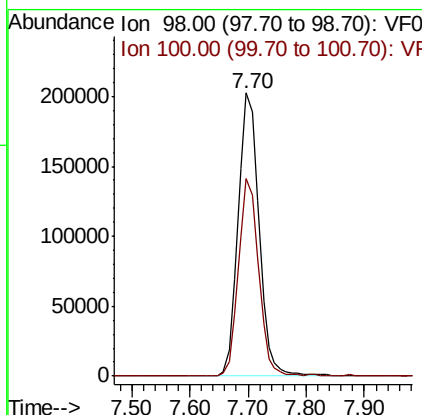
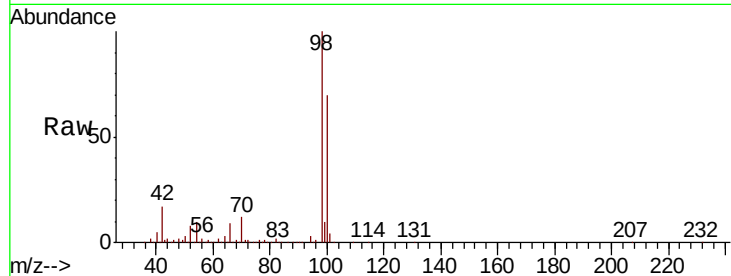




#50
Toluene-d8
Concen: 41.791 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060361.D
Acq: 26 Sep 2018 19:35

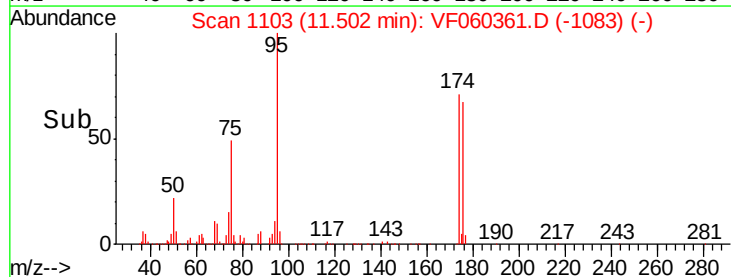
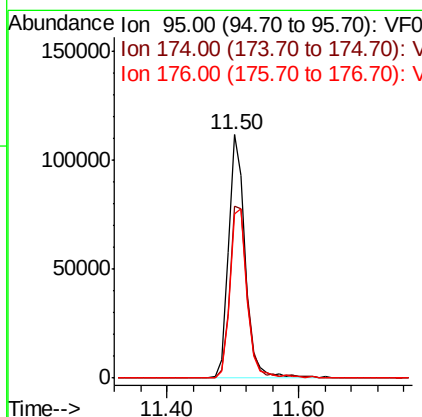
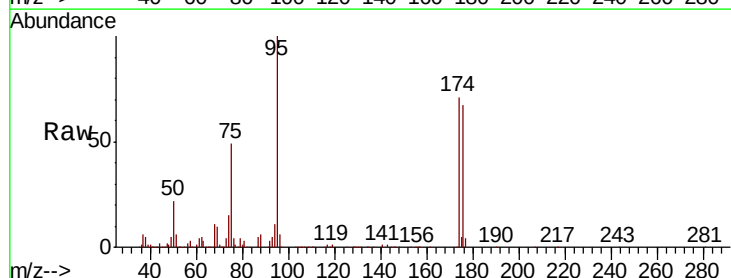
Instrument :
MSVOA_F
ClientSampleId :
PARCEL-186-092418-2

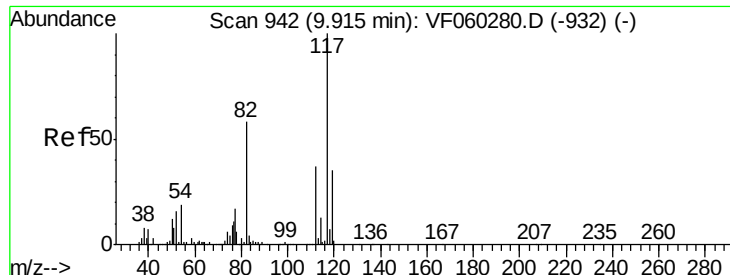
Tot Ion: 98 Resp: 508902
Ion Ratio Lower Upper
98 100
100 69.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 37.697 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060361.D
Acq: 26 Sep 2018 19:35

Tgt Ion: 95 Resp: 198433
Ion Ratio Lower Upper
95 100
174 70.7 0.0 131.2
176 67.3 0.0 126.6

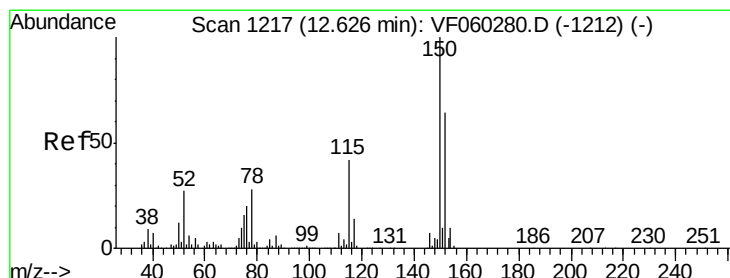
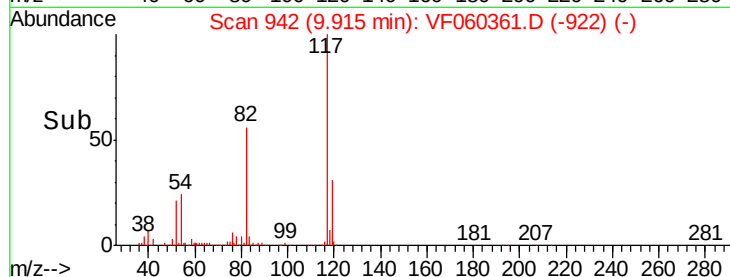
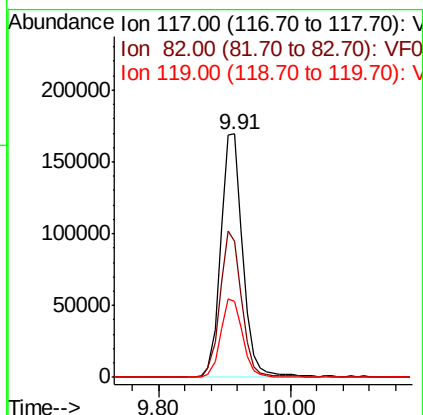
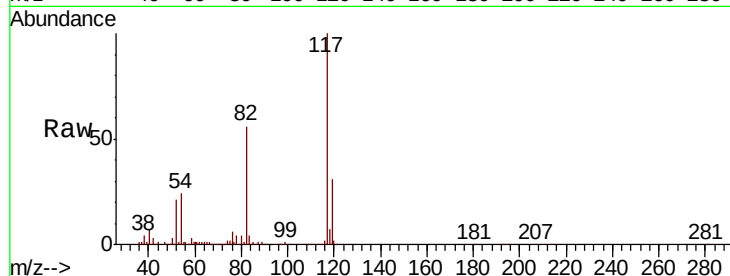




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060361.D
Acq: 26 Sep 2018 19:35

Instrument :
MSVOA_F
ClientSampleId :
PARCEL-186-092418-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.2	69.2
119	31.4	27.8	41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060361.D
Acq: 26 Sep 2018 19:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	32.6	97.8
150	153.3	0.0	314.2

