

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092118\
 Data File : VF060321.D
 Acq On : 21 Sep 2018 19:19
 Operator : VA/AP
 Sample : J4777-17
 Misc : 6.74/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-0920-18-D

Quant Time: Sep 22 04:00:57 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	189118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	321323	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	281117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	149524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	141775	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
35) Dibromofluoromethane	4.28	113	140227	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	7.70	98	297835	39.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.86%	
62) 4-Bromofluorobenzene	11.51	95	141137	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	

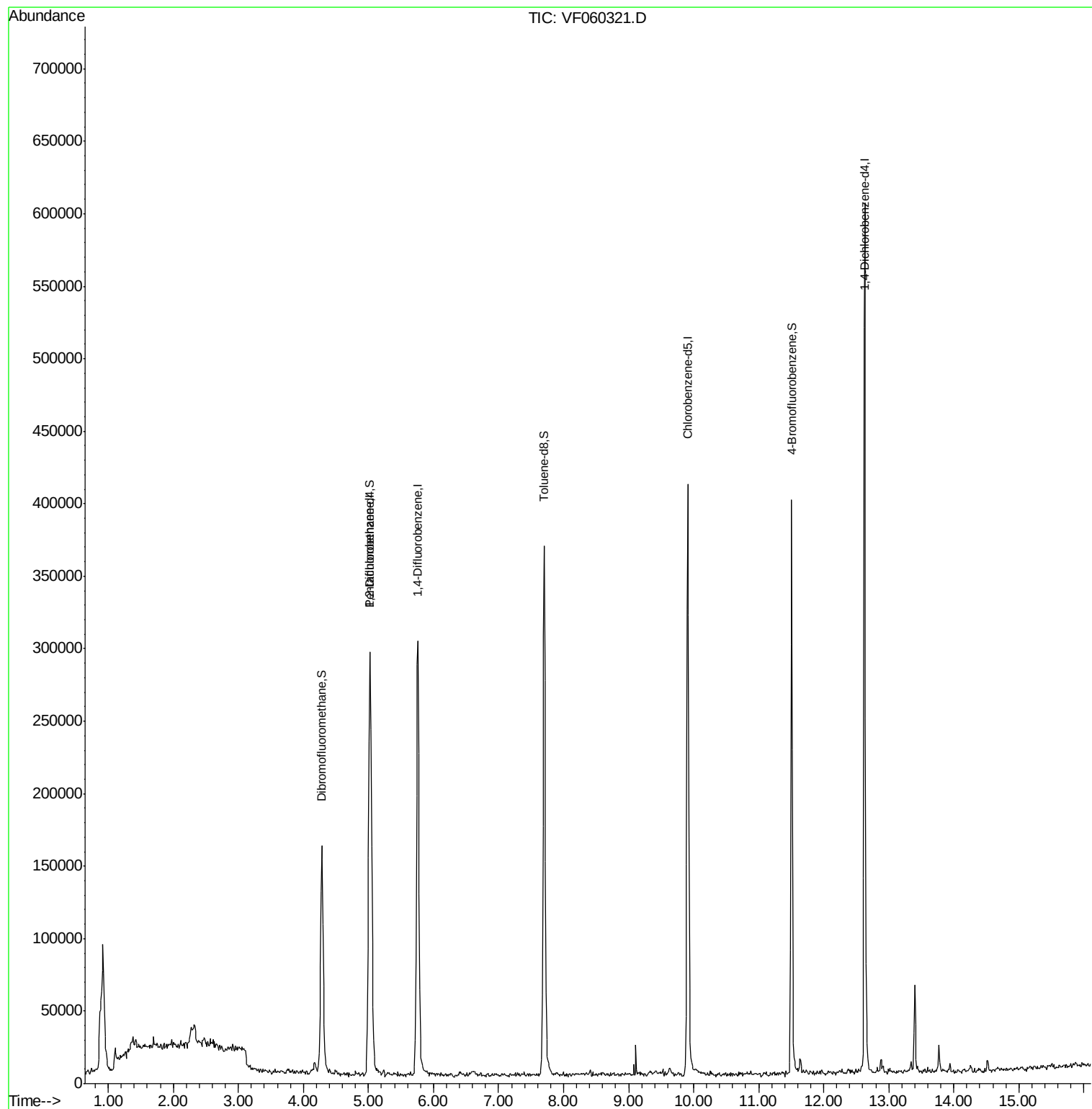
Target Compounds	Qvalue

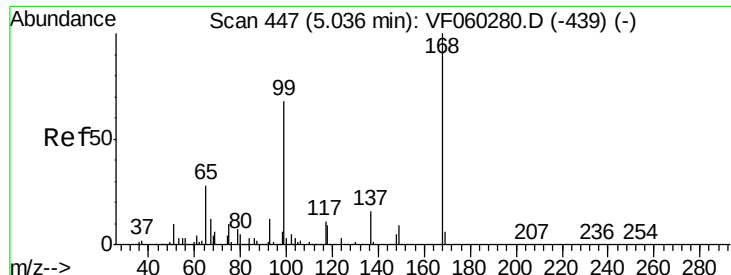
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

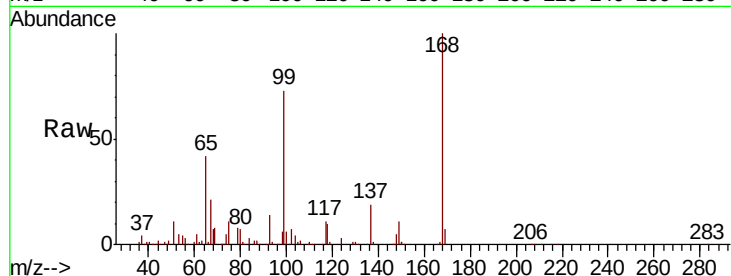
PL-02-0920-18-D

Tot Ion:168 Resp: 189118

Ion Ratio Lower Upper

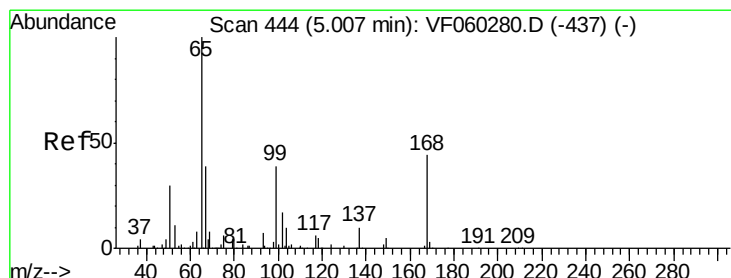
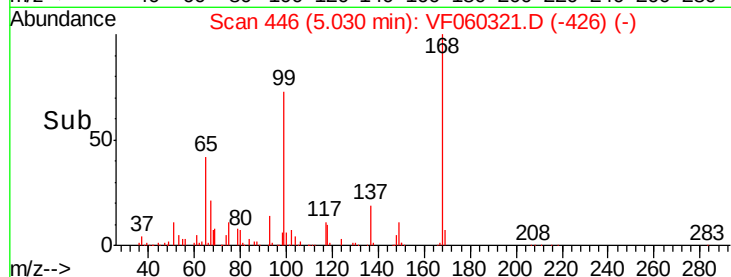
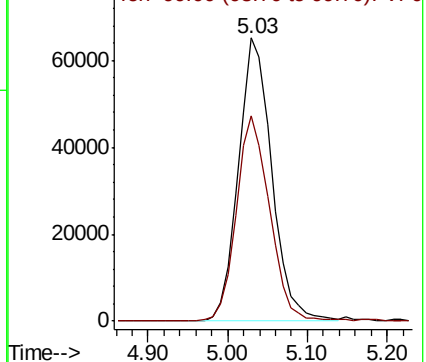
168 100

99 72.6 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 55.674 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060321.D

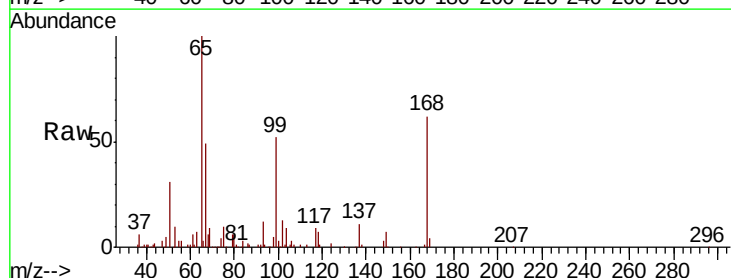
Acq: 21 Sep 2018 19:19

Tgt Ion: 65 Resp: 141775

Ion Ratio Lower Upper

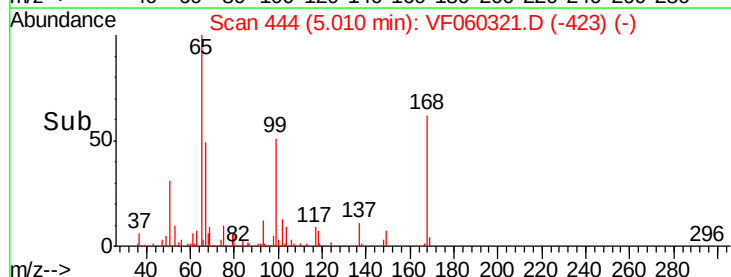
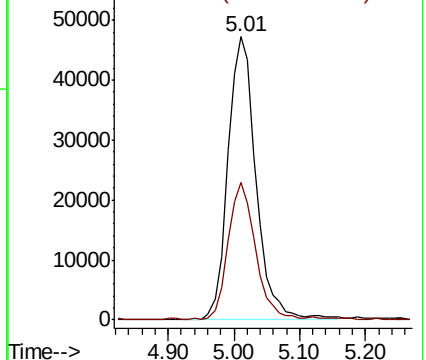
65 100

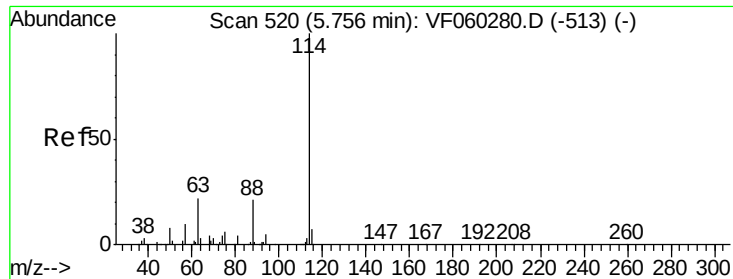
67 48.6 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

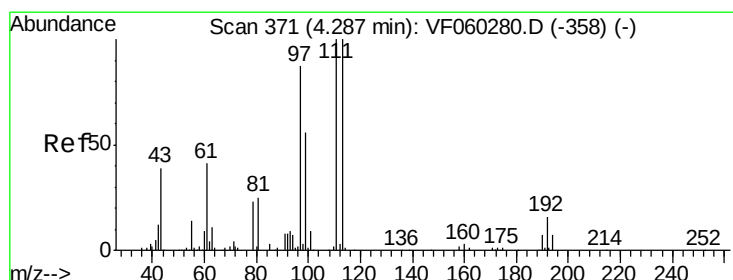
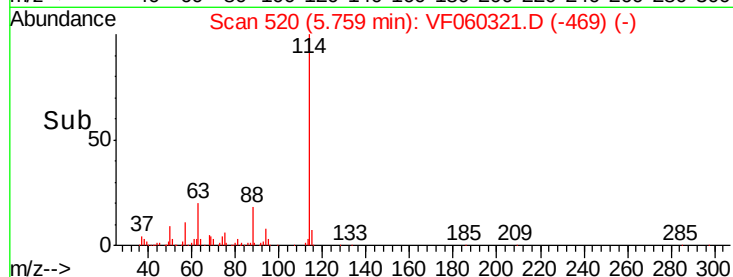
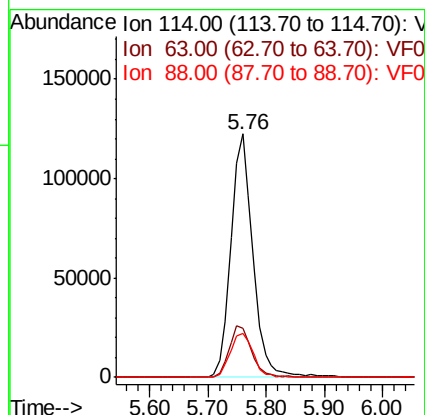
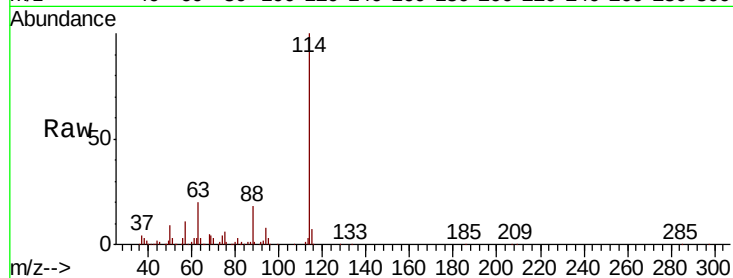




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VF060321.D
 Acq: 21 Sep 2018 19:19

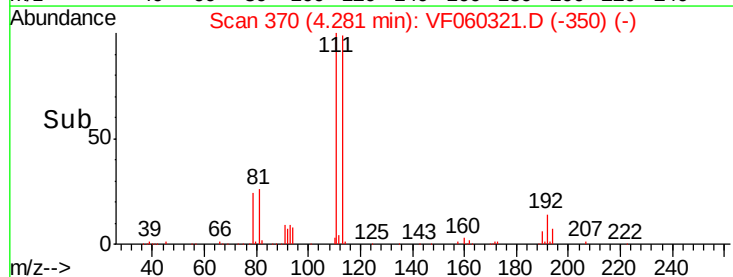
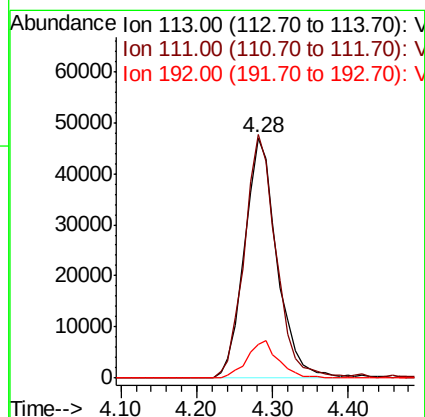
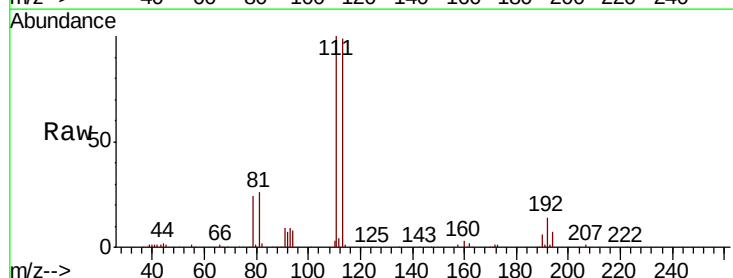
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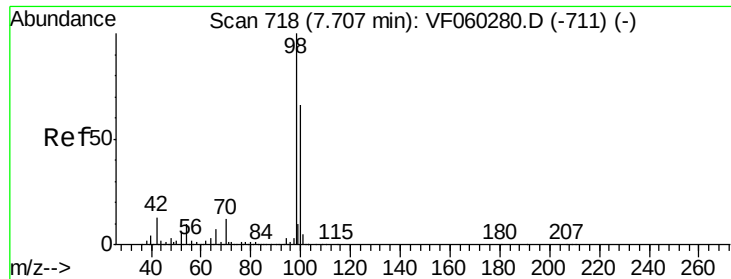
Tot Ion:	114	Resp:	321323
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.8
88	18.2	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 48.956 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VF060321.D
 Acq: 21 Sep 2018 19:19

Tgt Ion:	113	Resp:	140227
Ion	Ratio	Lower	Upper
113	100		
111	101.5	79.6	119.4
192	14.0	13.0	19.6

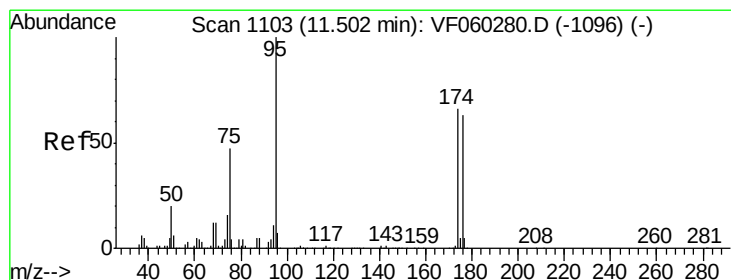
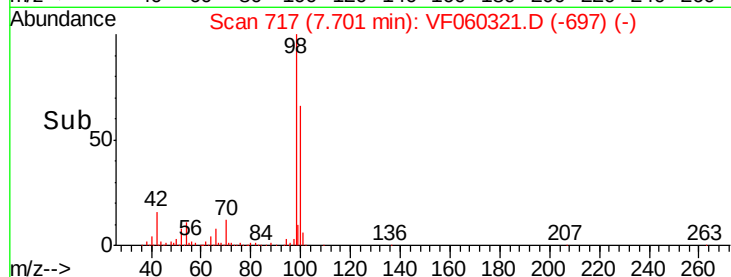
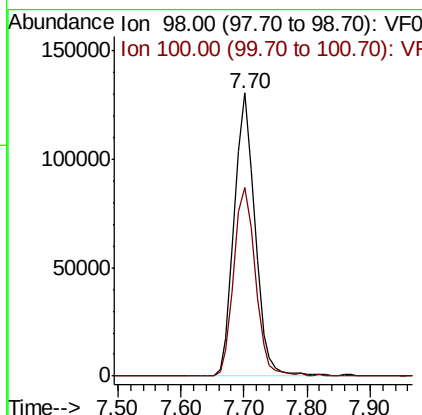
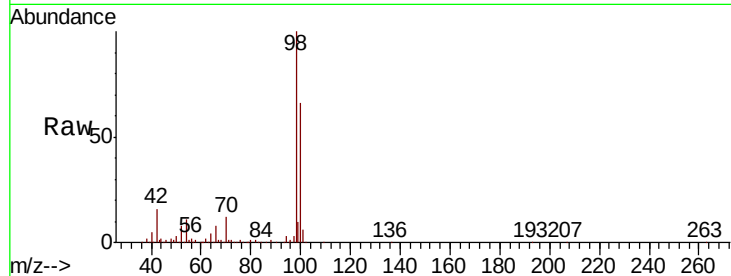




#50
Toluene-d8
Concen: 39.927 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060321.D
Acq: 21 Sep 2018 19:19

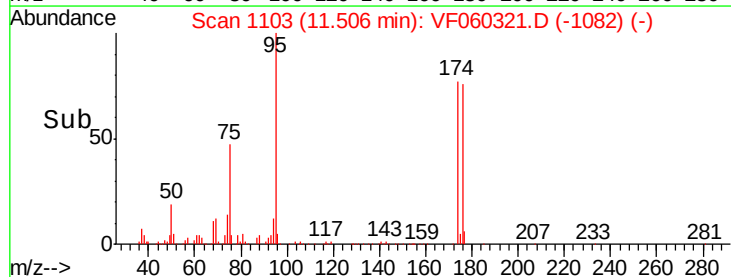
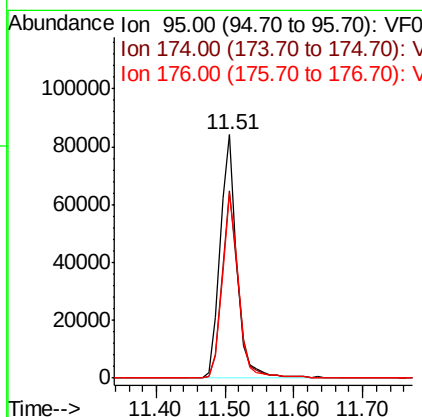
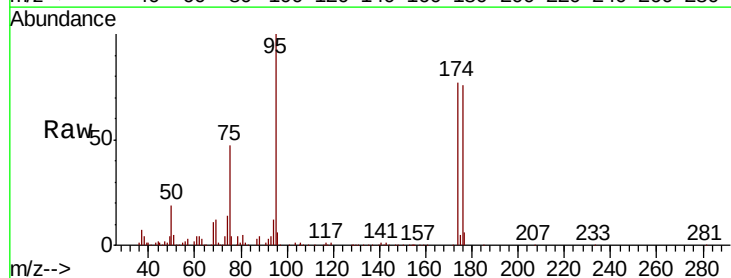
Instrument :
MSVOA_F
ClientSampleId :
PL-02-0920-18-D

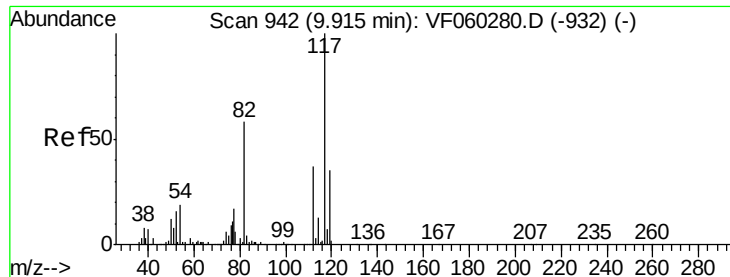
Tot Ion: 98 Resp: 297835
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 43.771 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060321.D
Acq: 21 Sep 2018 19:19

Tgt Ion: 95 Resp: 141137
Ion Ratio Lower Upper
95 100
174 76.9 0.0 131.2
176 75.6 0.0 126.6

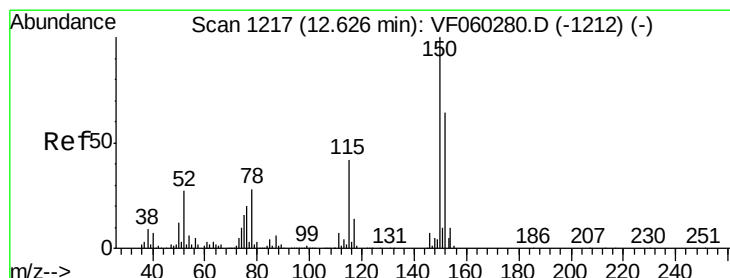
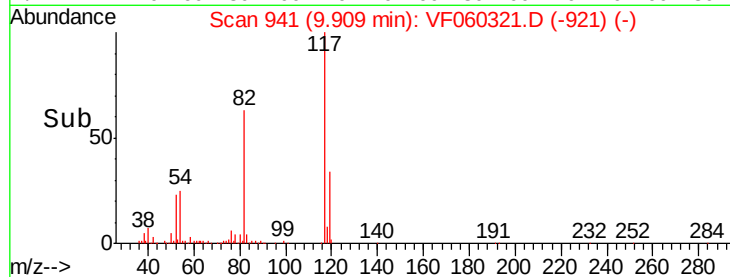
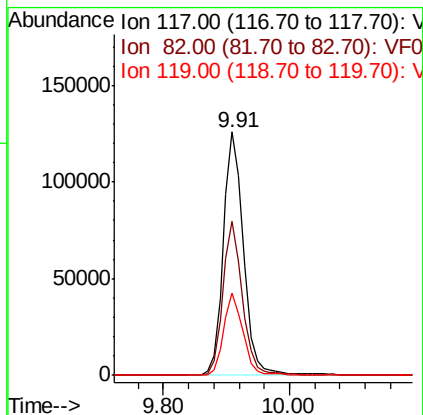
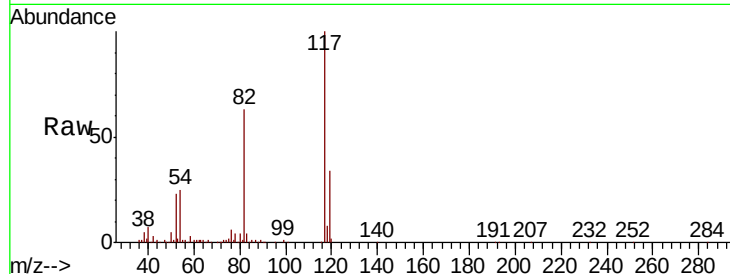




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060321.D
Acq: 21 Sep 2018 19:19

Instrument :
MSVOA_F
ClientSampleId :
PL-02-0920-18-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.5	46.2	69.2
119	34.1	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: VF060321.D
Acq: 21 Sep 2018 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	32.6	97.8
150	152.0	0.0	314.2

