

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060638.D
 Acq On : 7 Nov 2018 19:48
 Operator : VA/AP
 Sample : J5827-21RE
 Misc : 5.92g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-CRE

Quant Time: Nov 08 15:22:28 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	58606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	59689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	27186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	5306	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	8586	14.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	29.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.56	98	56019	41.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.02%	
62) 4-Bromofluorobenzene	11.41	95	9978	16.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.40%	

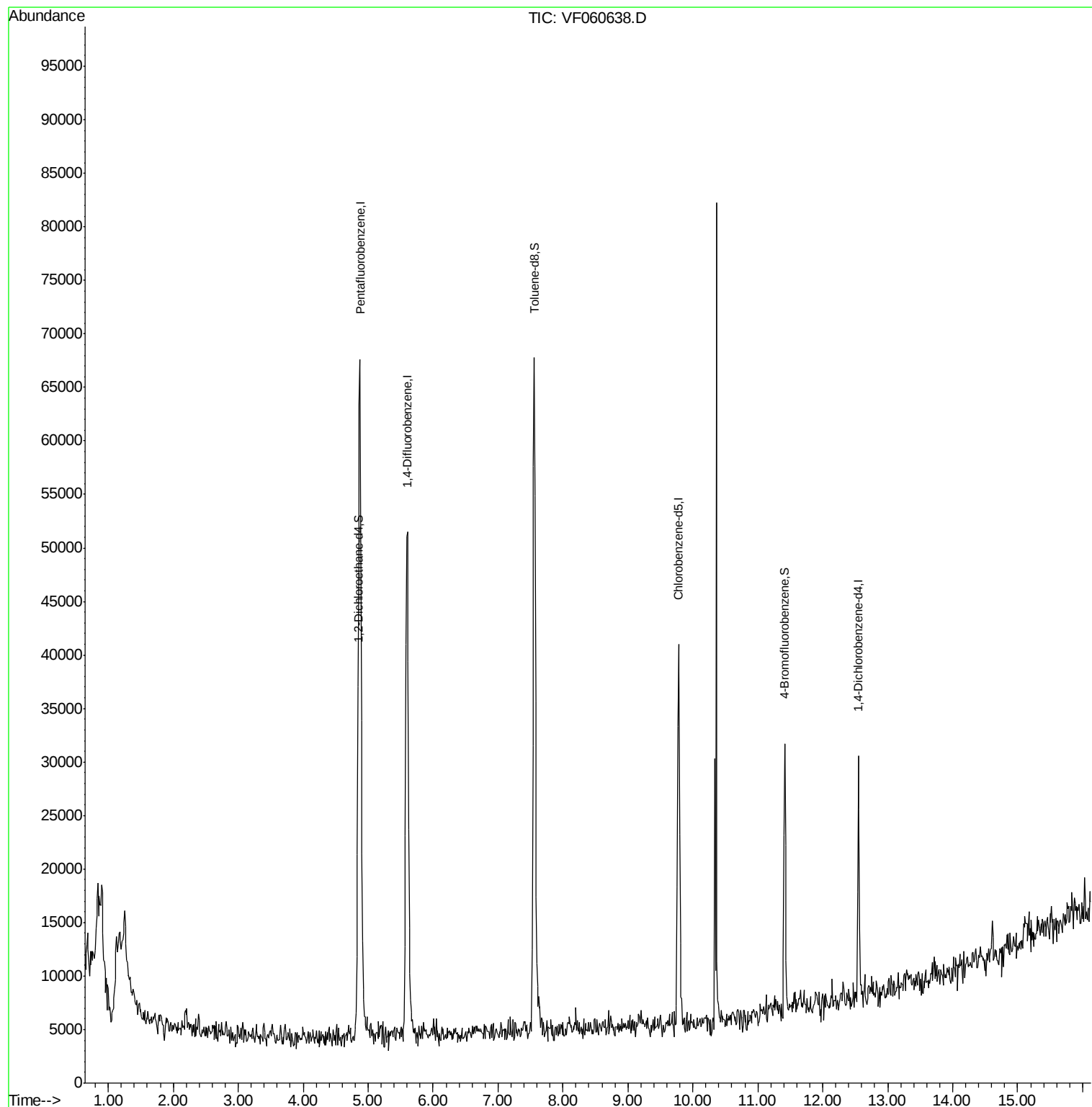
Target Compounds	Qvalue

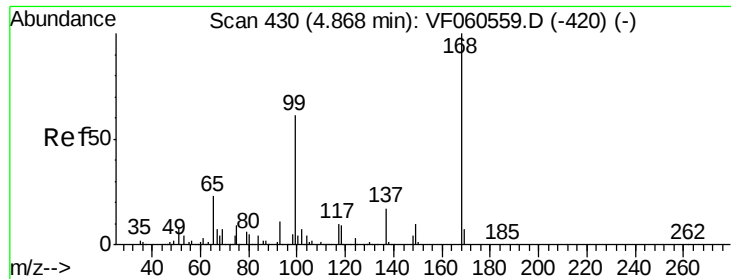
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF060638.D

Acq: 7 Nov 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

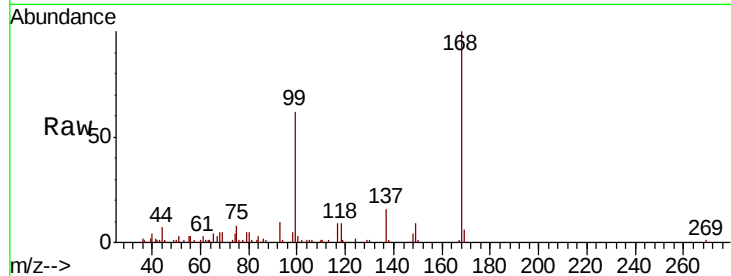
SP-CRE

Tot Ion:168 Resp: 58606

Ion Ratio Lower Upper

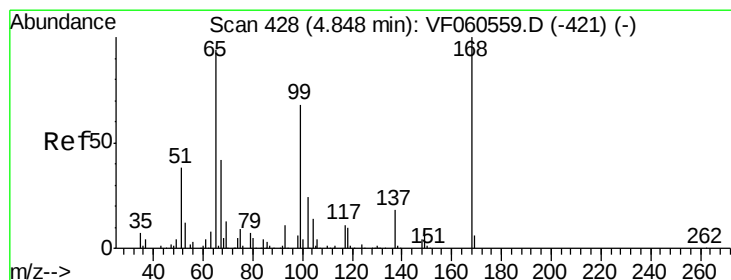
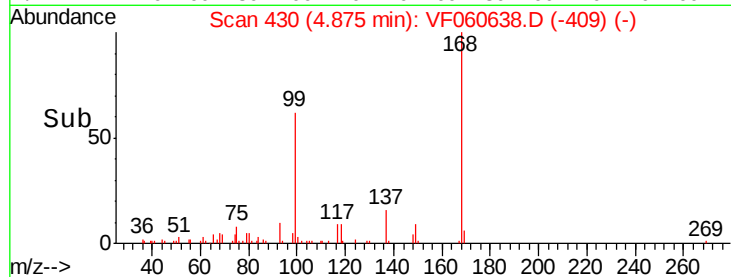
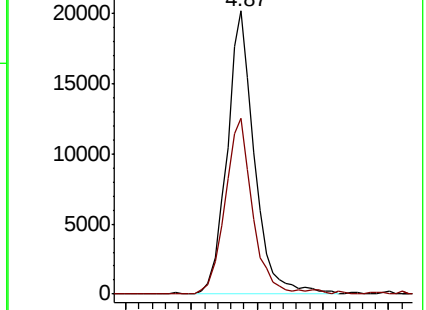
168 100

99 62.0 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 14.500 ug/l

RT: 4.84 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF060638.D

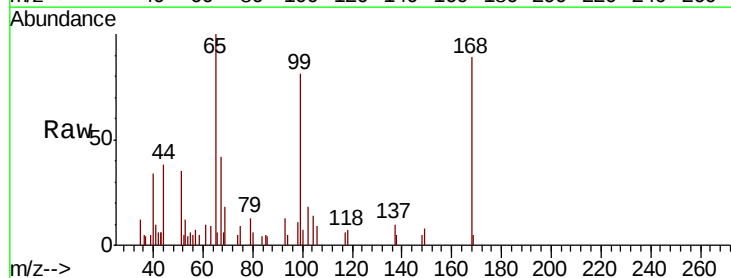
Acq: 7 Nov 2018 19:48

Tgt Ion: 65 Resp: 8586

Ion Ratio Lower Upper

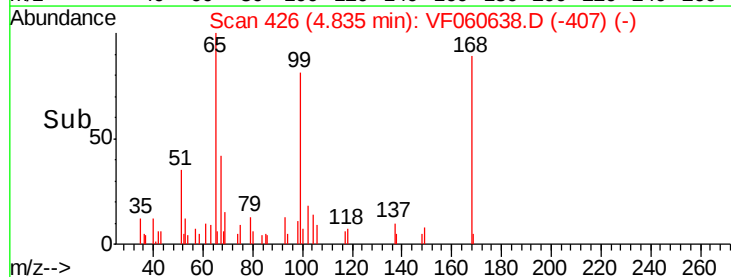
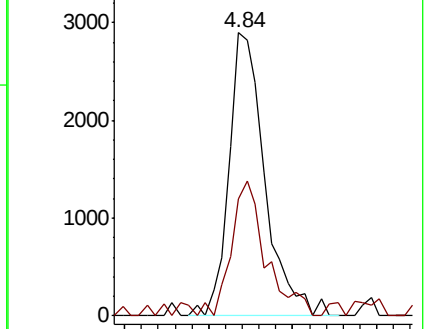
65 100

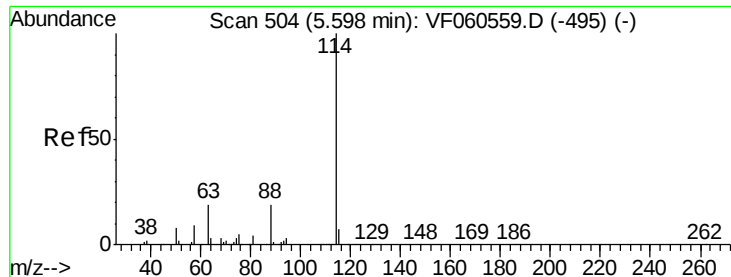
67 41.5 0.0 101.8



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: 5.60 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF060638.D

Acq: 7 Nov 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

SP-CRE

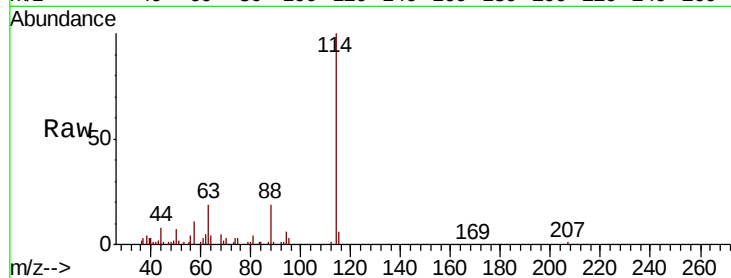
Tot Ion:114 Resp: 59689

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

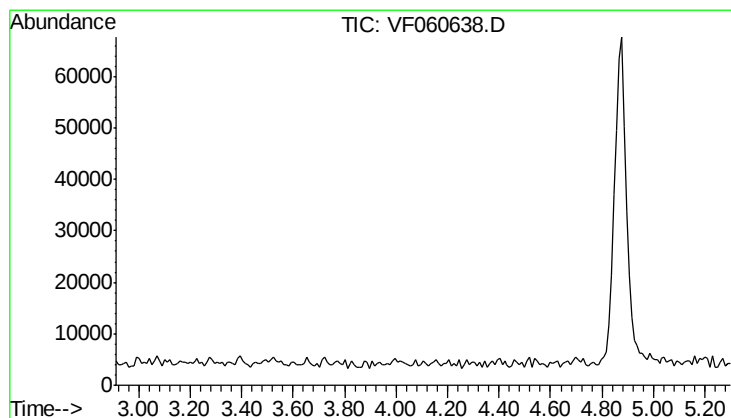
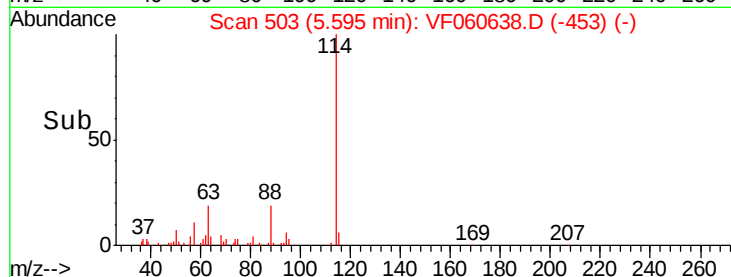
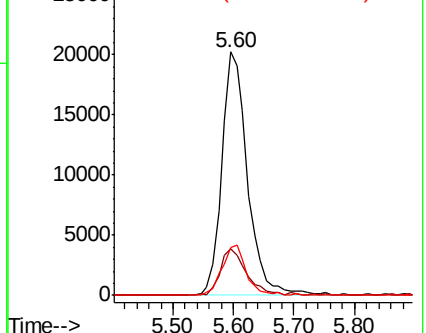
88 19.4 0.0 38.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.11 min

Lab File: VF060638.D

Acq: 7 Nov 2018 19:48

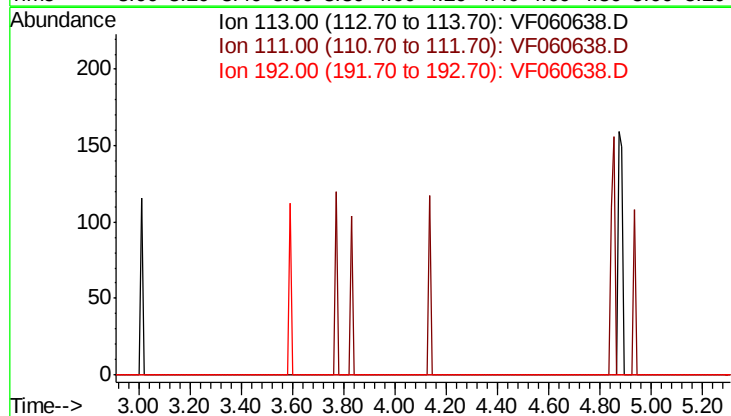
Tgt Ion: 113

Sig Exp Ratio

113 100

111 99.9

192 16.6

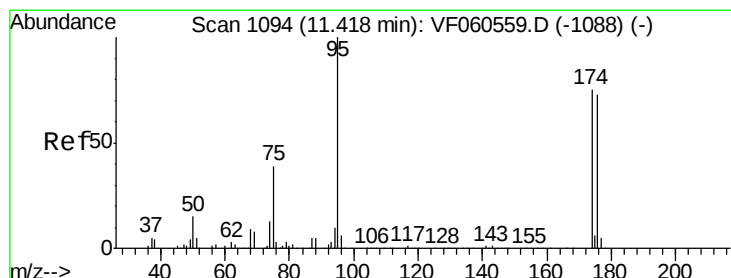
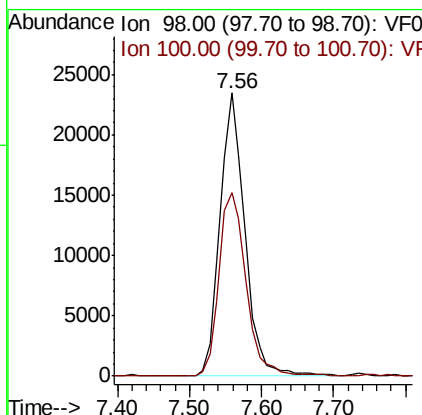
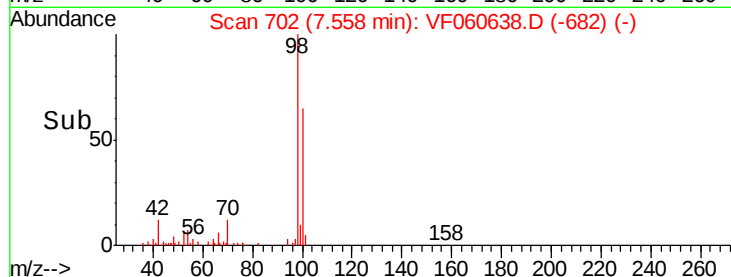
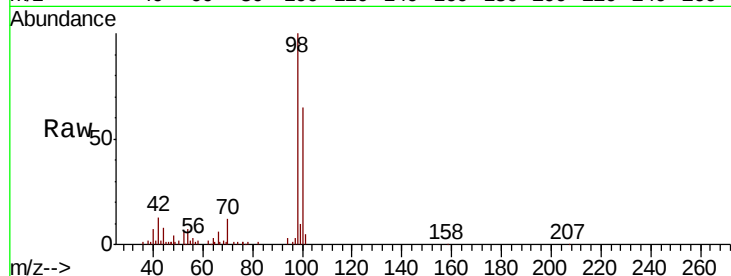




#50
Toluene-d8
Concen: 41.007 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF060638.D
Acq: 7 Nov 2018 19:48

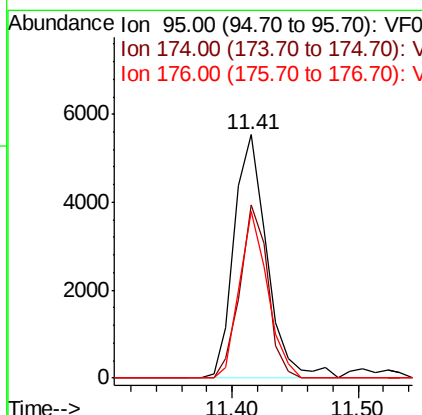
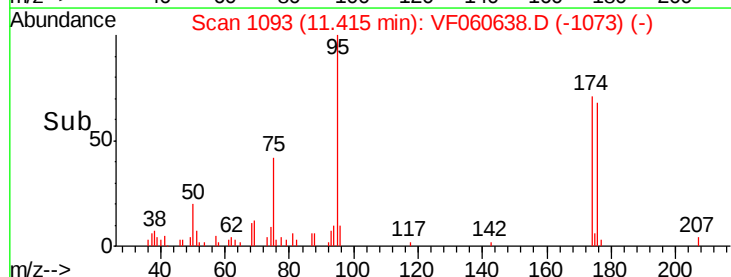
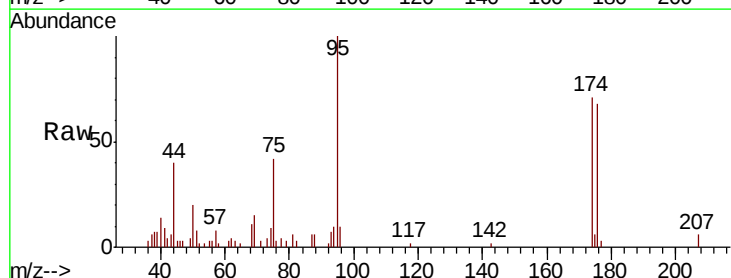
Instrument :
MSVOA_F
ClientSampled :
SP-CRE

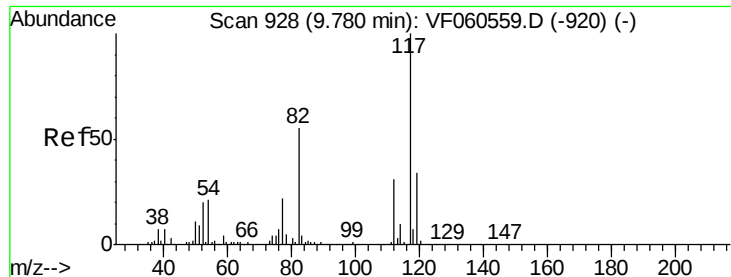
Tot Ion: 98 Resp: 56019
Ion Ratio Lower Upper
98 100
100 64.9 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 16.698 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060638.D
Acq: 7 Nov 2018 19:48

Tgt Ion: 95 Resp: 9978
Ion Ratio Lower Upper
95 100
174 71.4 0.0 149.0
176 68.5 0.0 145.6

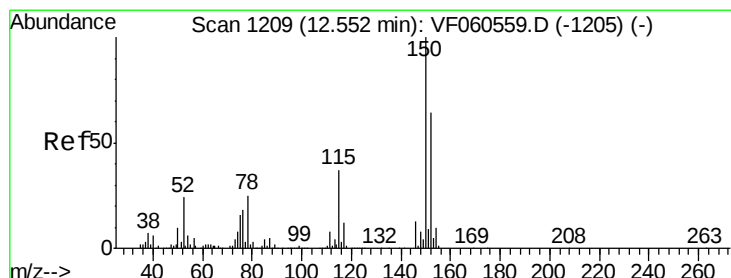
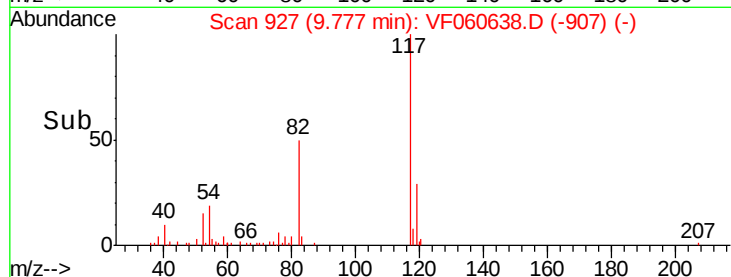
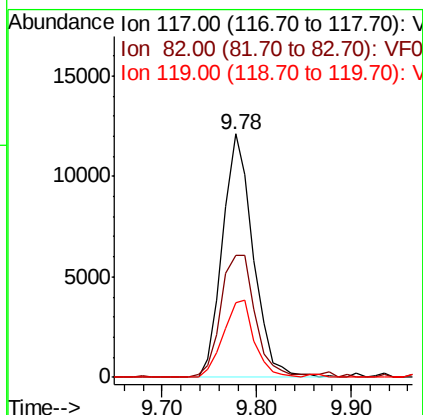
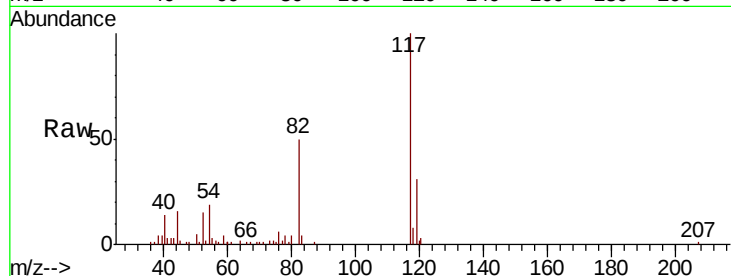




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF060638.D
Acq: 7 Nov 2018 19:48

Instrument :
MSVOA_F
ClientSampleId :
SP-CRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.9	65.9
119	30.6	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060638.D
Acq: 7 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	29.6	88.8
150	157.1	0.0	315.6

