

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060672.D
 Acq On : 9 Nov 2018 15:16
 Operator : VA/AP
 Sample : J5864-01
 Misc : 4.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OLDMANS-1

Quant Time: Nov 12 04:40:52 2018
 Quant Method : Z:\VOASRV\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	245288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	406780	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	401727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	208765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	145341	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
35) Dibromofluoromethane	4.11	113	182685	58.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.26%	
50) Toluene-d8	7.55	98	471638	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.41	95	239255	58.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.50%	

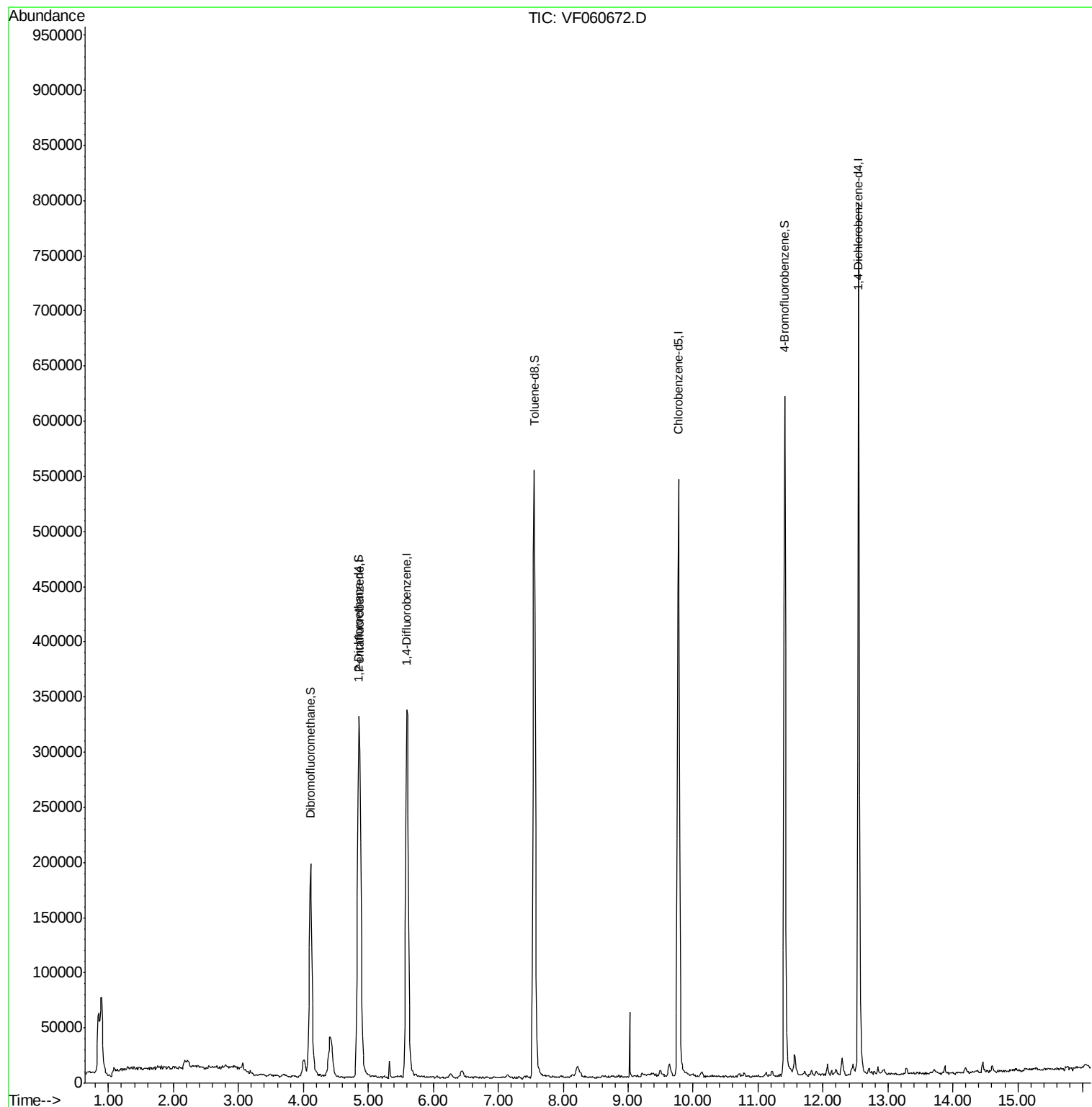
Target Compounds	Qvalue

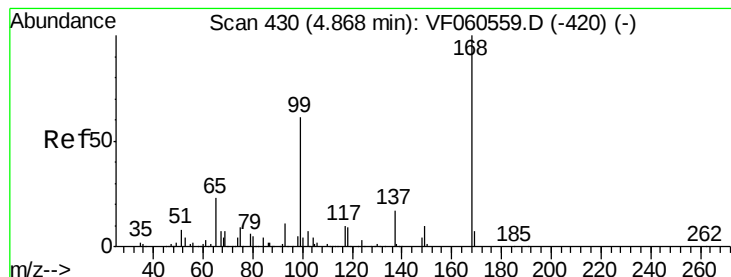
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060672.D

Acq: 9 Nov 2018 15:16

Instrument :

MSVOA_F

ClientSampleId :

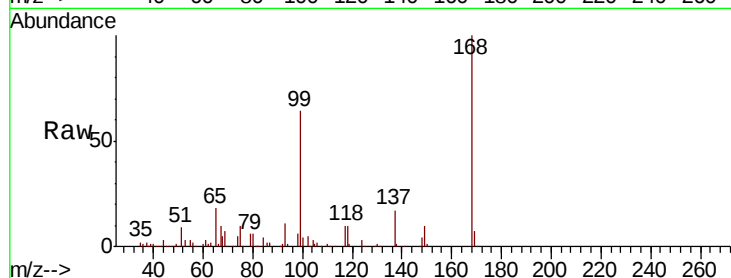
OLDMANS-1

Tot Ion:168 Resp: 245288

Ion Ratio Lower Upper

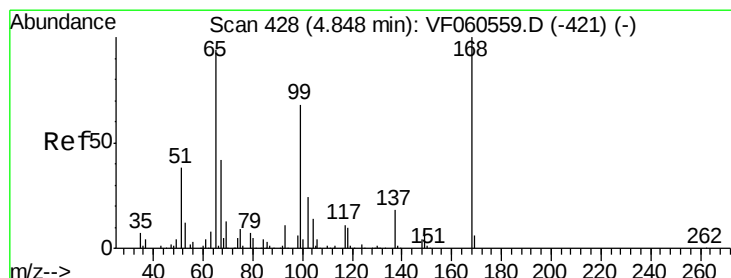
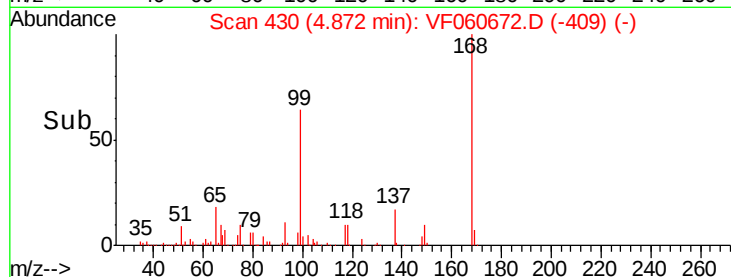
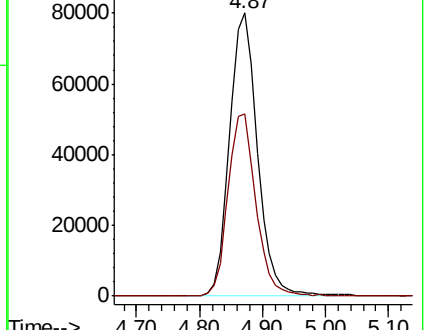
168 100

99 64.2 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: 58.645 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060672.D

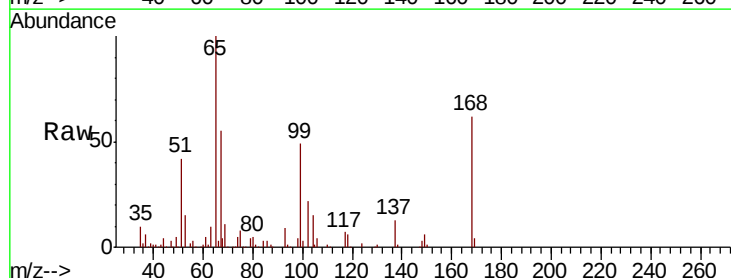
Acq: 9 Nov 2018 15:16

Tgt Ion: 65 Resp: 145341

Ion Ratio Lower Upper

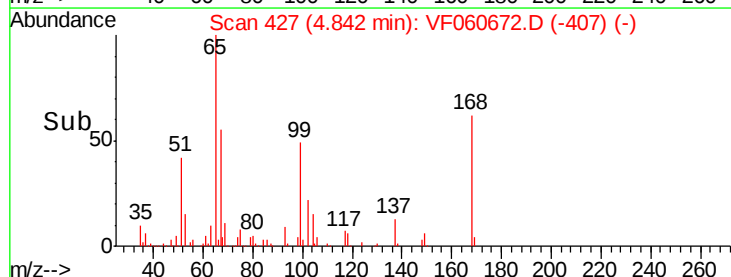
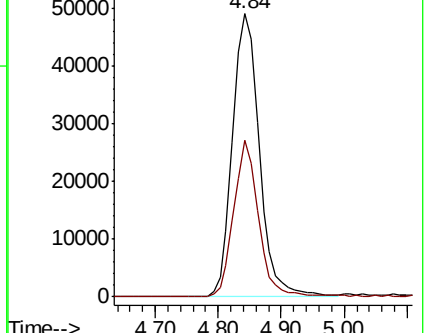
65 100

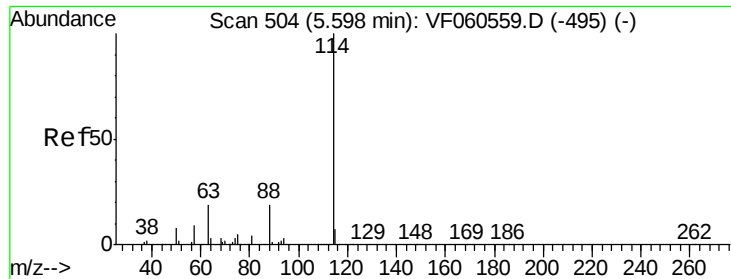
67 55.4 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

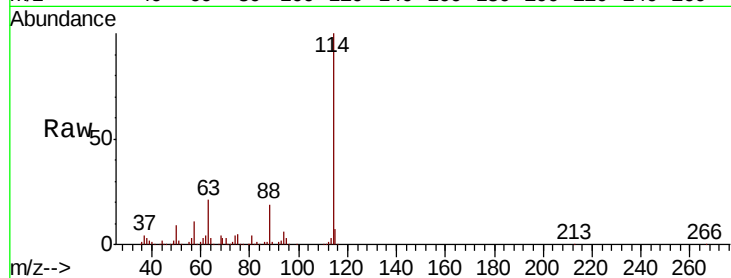




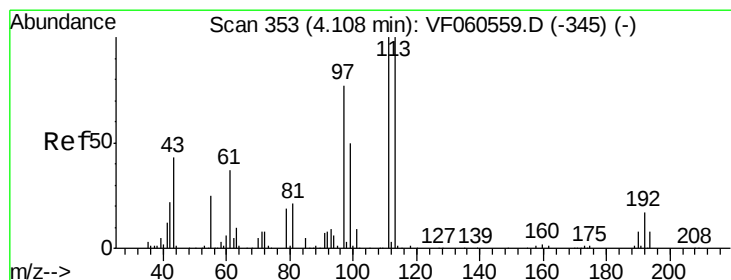
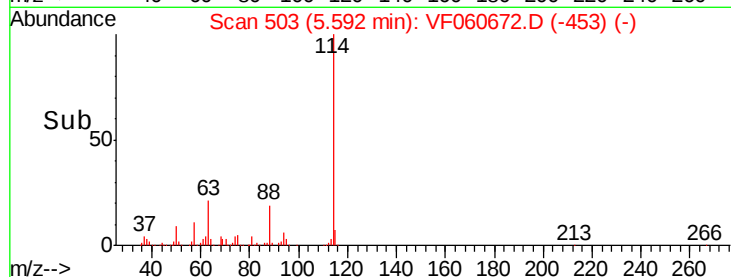
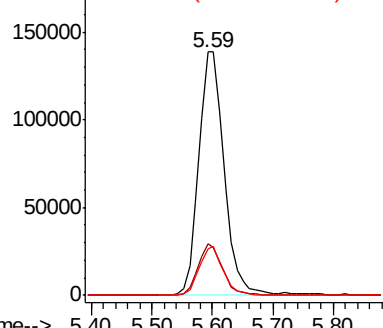
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	19.3	0.0	38.2

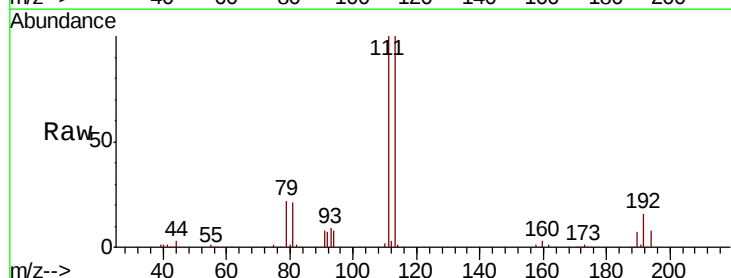


Abundance Ion 114.00 (113.70 to 114.70): V

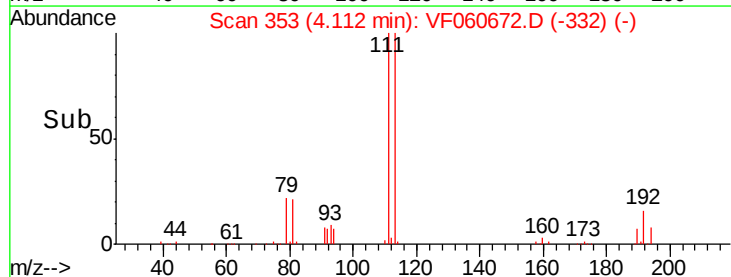
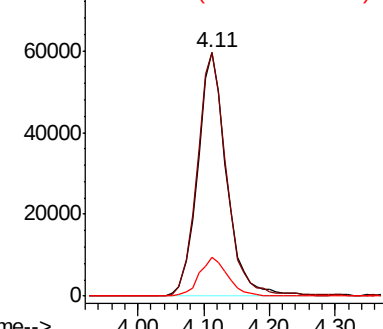


#35
Dibromofluoromethane
Concen: 58.129 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.9	119.9
192	15.9	13.3	19.9



Abundance Ion 113.00 (112.70 to 113.70): V

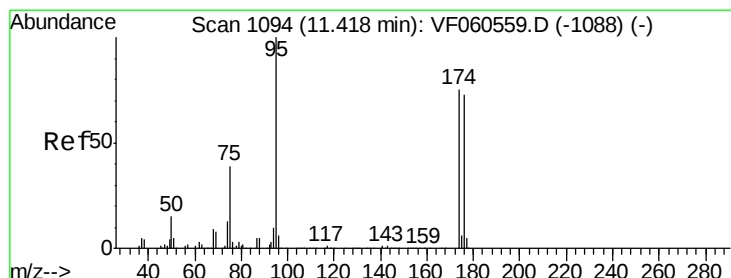
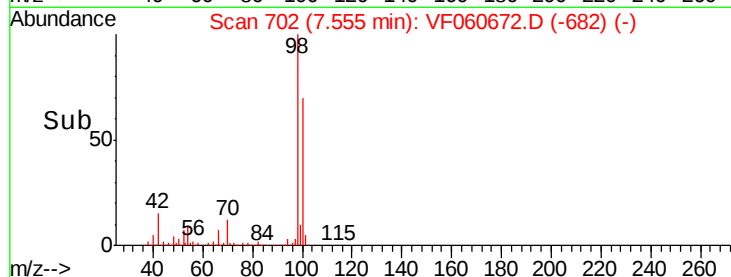
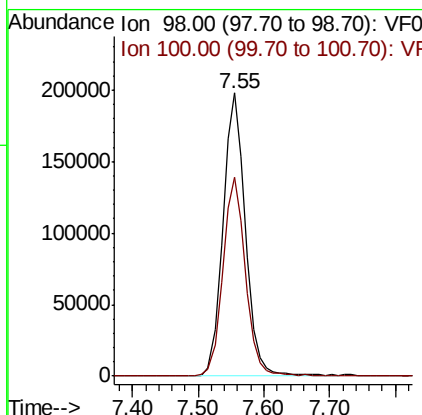
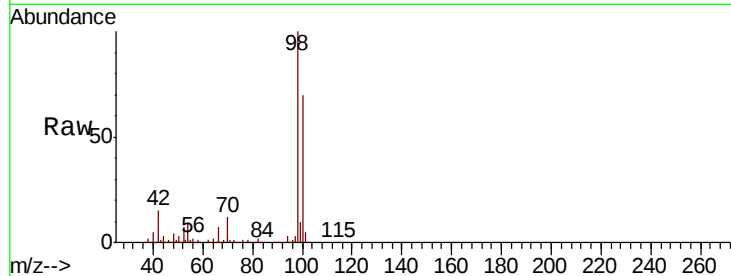




#50
Toluene-d8
Concen: 50.660 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

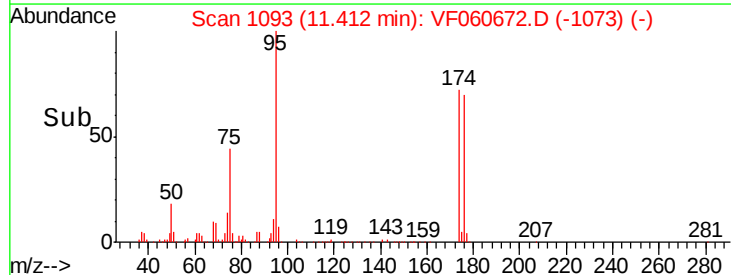
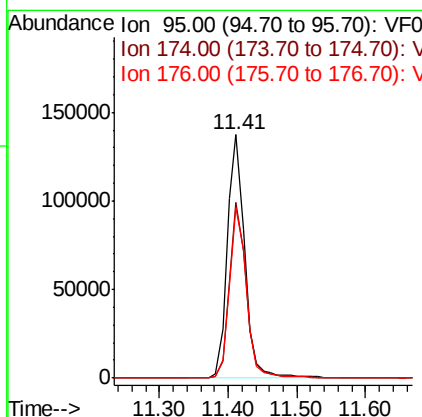
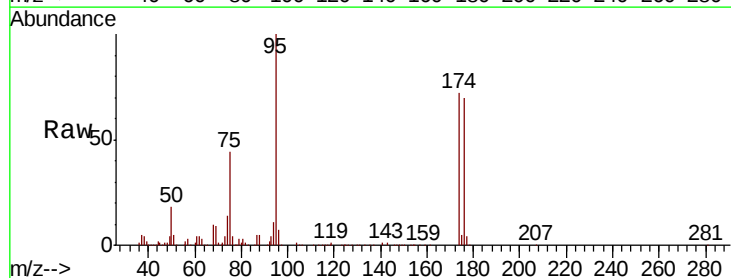
Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-1

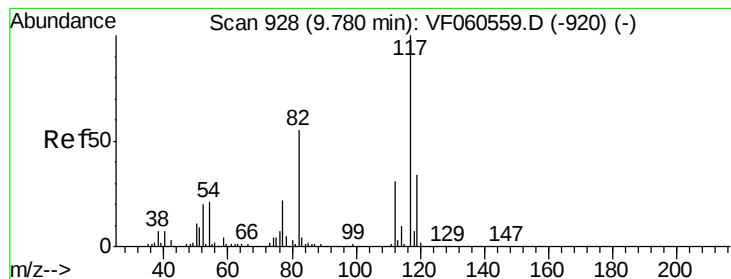
Tot Ion: 98 Resp: 471638
Ion Ratio Lower Upper
98 100
100 70.3 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 58.752 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060672.D
Acq: 9 Nov 2018 15:16

Tgt Ion: 95 Resp: 239255
Ion Ratio Lower Upper
95 100
174 72.4 0.0 149.0
176 69.8 0.0 145.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF060672.D

Acq: 9 Nov 2018 15:16

Instrument :

MSVOA_F

ClientSampleId :

OLDMANS-1

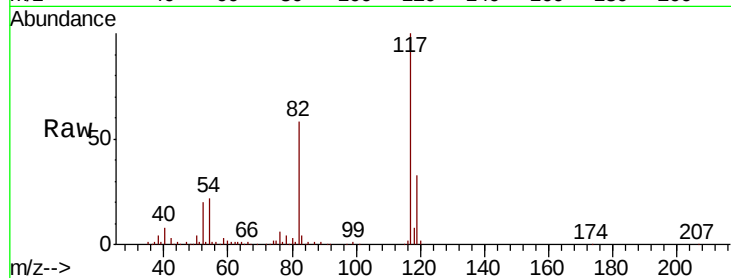
Tot Ion:117 Resp: 401727

Ion Ratio Lower Upper

117 100

82 57.9 43.9 65.9

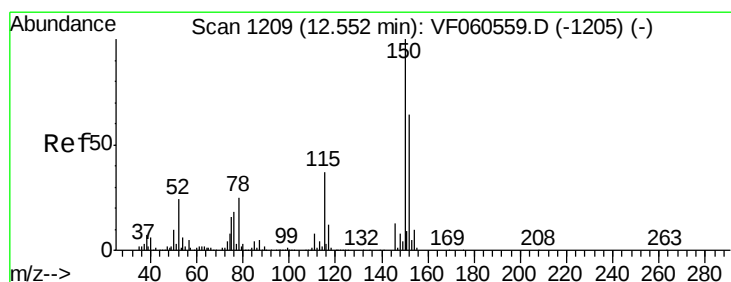
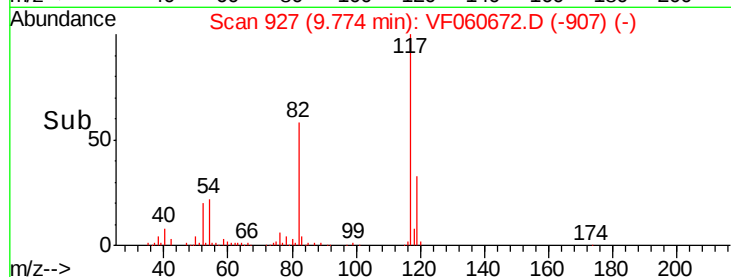
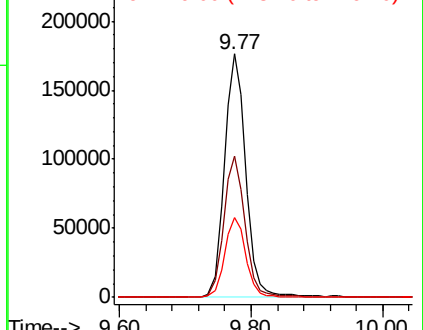
119 33.0 27.4 41.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF060672.D

Acq: 9 Nov 2018 15:16

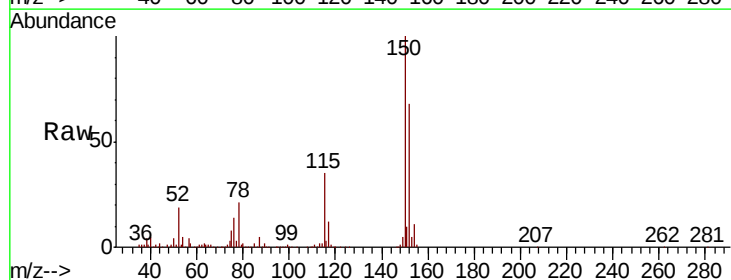
Tgt Ion:152 Resp: 208765

Ion Ratio Lower Upper

152 100

115 51.2 29.6 88.8

150 148.1 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

