

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060584.D
 Acq On : 5 Nov 2018 21:09
 Operator : VA/AP
 Sample : J5741-35
 Misc : 6.62/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9

Quant Time: Nov 06 07:21:30 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

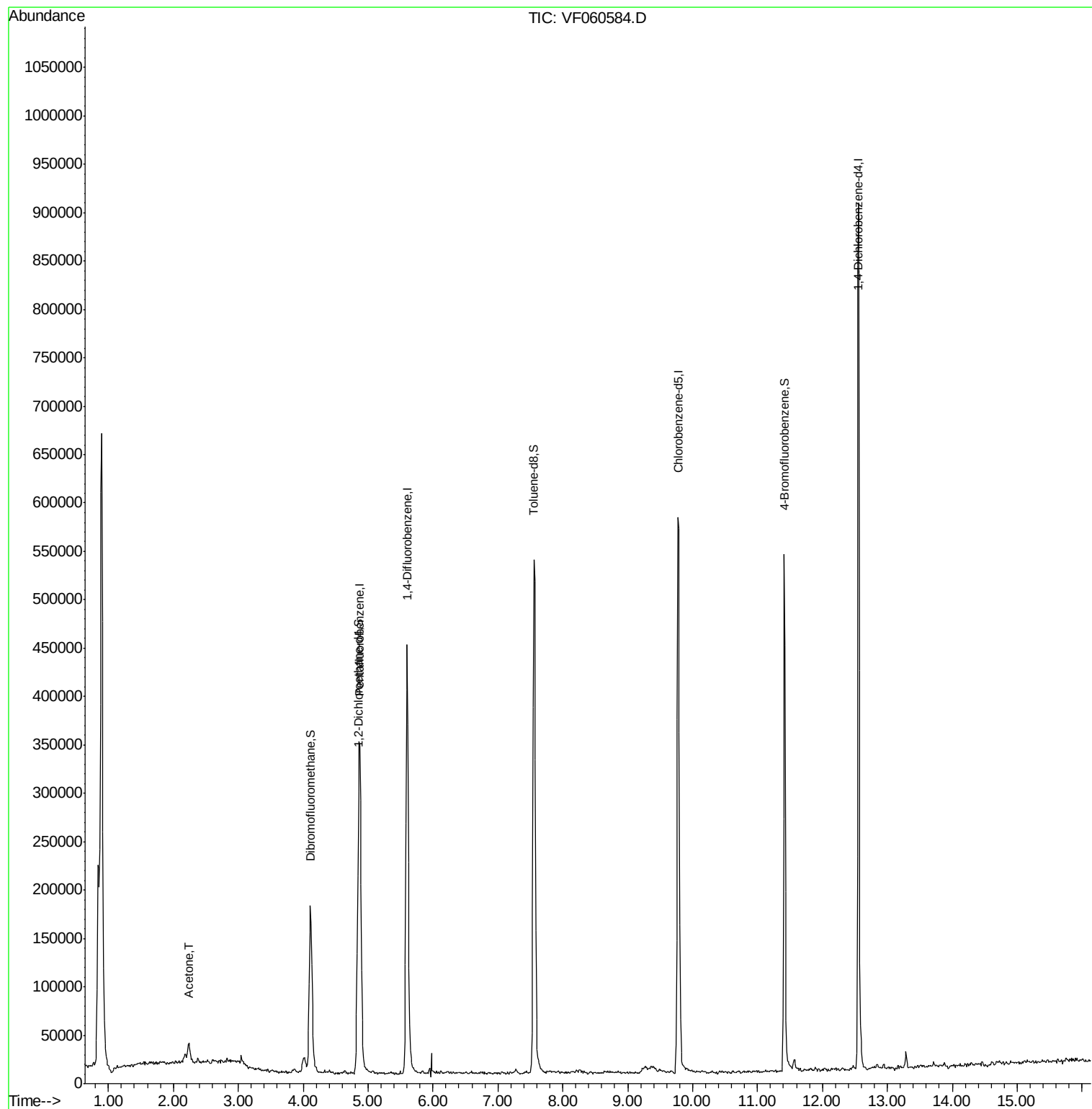
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	291089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	535963	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	446509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	251707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	125674	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
35) Dibromofluoromethane	4.11	113	166560	40.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.44%	
50) Toluene-d8	7.56	98	471188	38.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.82%	
62) 4-Bromofluorobenzene	11.41	95	218765	40.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.54%	
Target Compounds						
16) Acetone	2.24	43	25632	36.985	ug/l	Qvalue 95

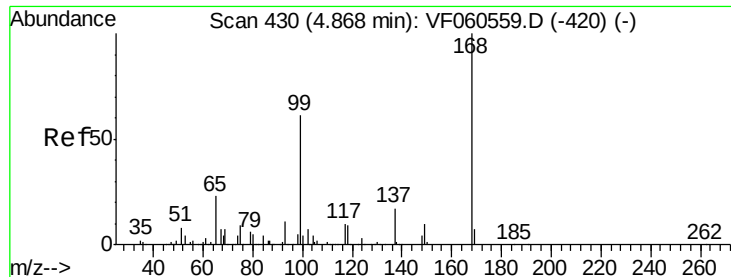
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060584.D

Acq: 5 Nov 2018 21:09

Instrument :

MSVOA_F

ClientSampleId :

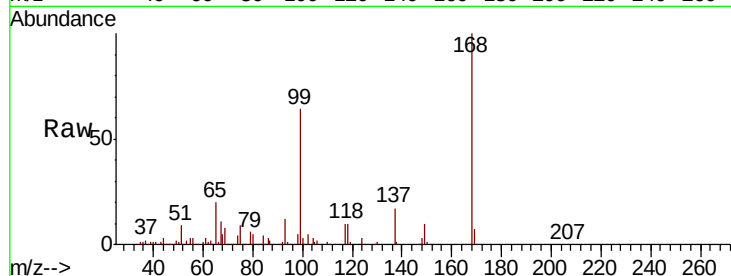
TP-9

Tot Ion:168 Resp: 291089

Ion Ratio Lower Upper

168 100

99 64.0 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

100000

80000

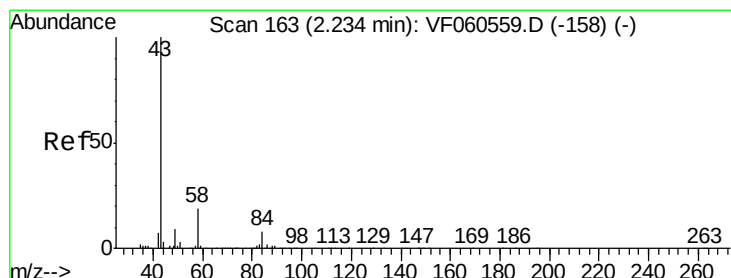
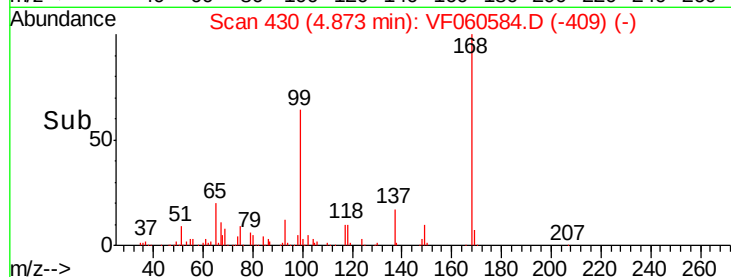
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 36.985 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060584.D

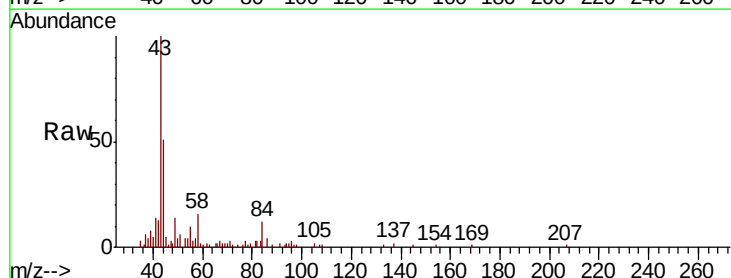
Acq: 5 Nov 2018 21:09

Tgt Ion: 43 Resp: 25632

Ion Ratio Lower Upper

43 100

58 16.3 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

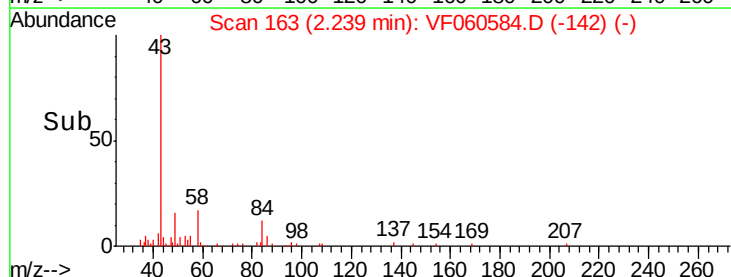
2.24

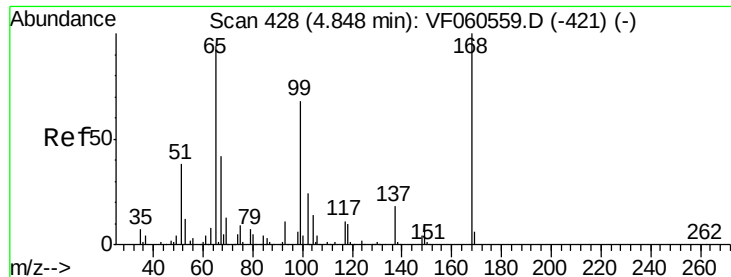
10000

5000

0

Time-->

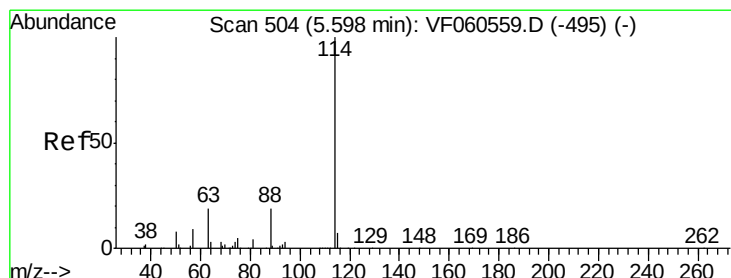
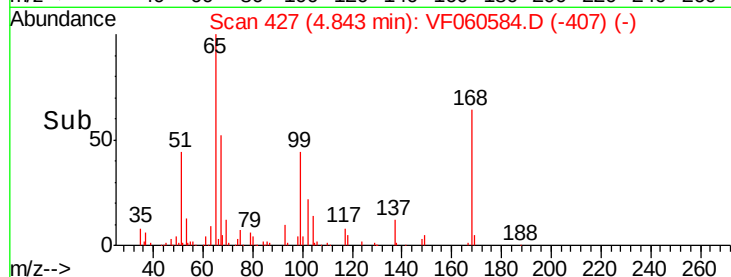
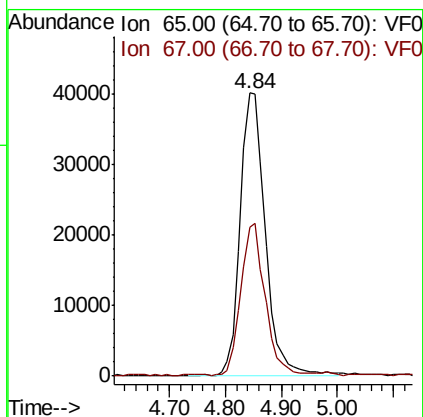
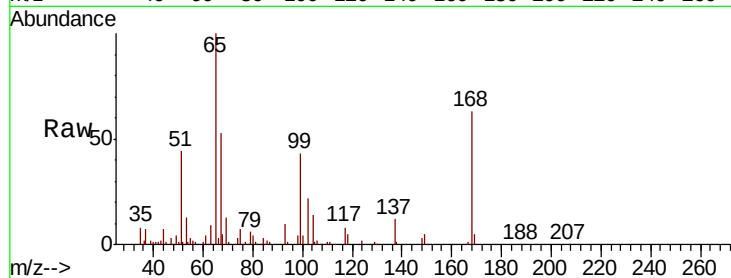




#33
 1,2-Dichloroethane-d4
 Concen: 42.731 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: VF060584.D
 Acq: 5 Nov 2018 21:09

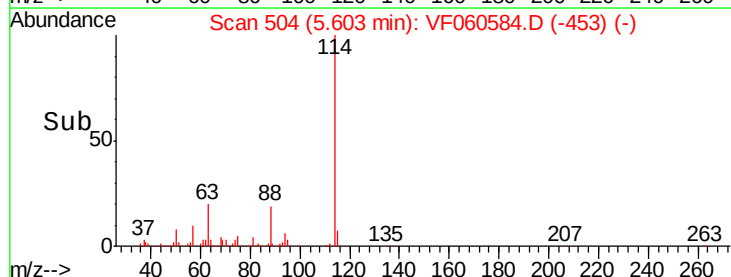
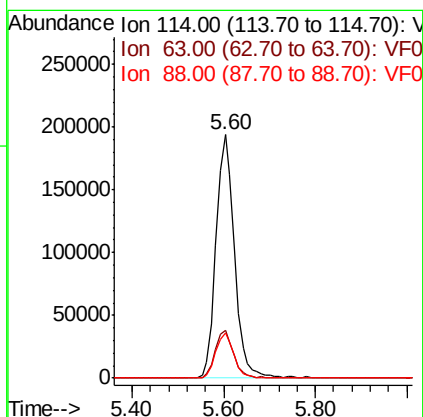
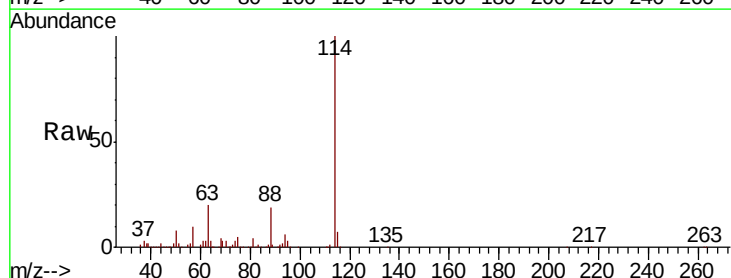
Instrument :
 MSVOA_F
 ClientSampled :
 TP-9

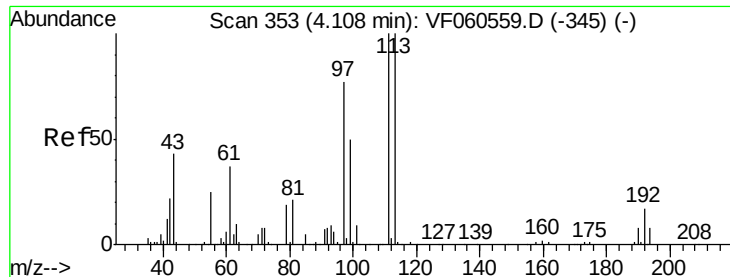
Tot Ion: 65 Resp: 125674
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF060584.D
 Acq: 5 Nov 2018 21:09

Tgt Ion: 114 Resp: 535963
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 18.6 0.0 38.2





#35

Dibromofluoromethane

Concen: 40.224 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060584.D

Acq: 5 Nov 2018 21:09

Instrument :
MSVOA_F
ClientSampleId :
TP-9

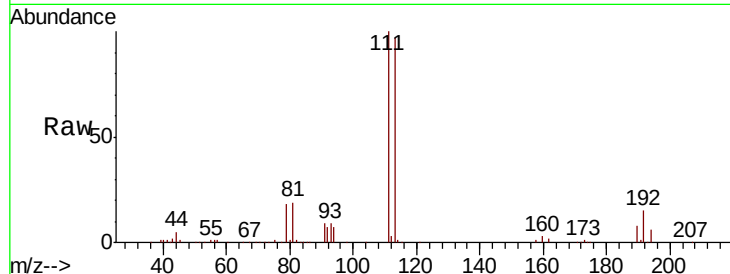
Tot Ion:113 Resp: 166560

Ion Ratio Lower Upper

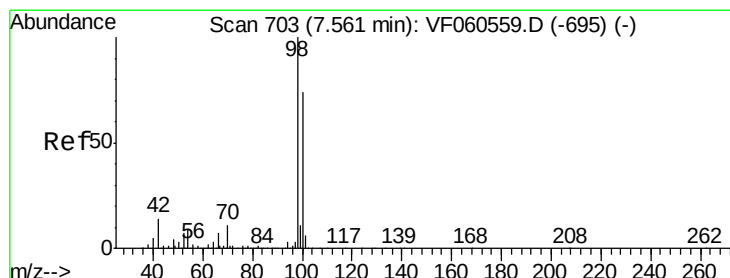
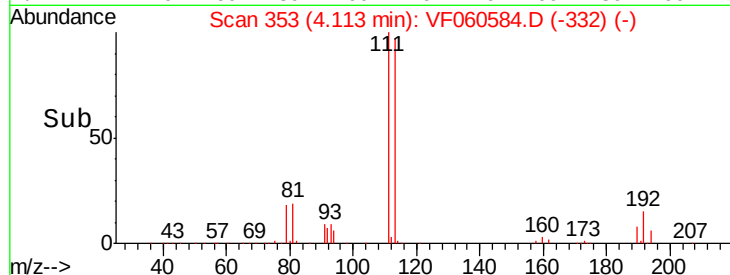
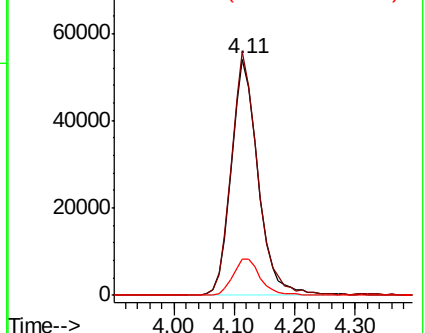
113 100

111 103.0 79.9 119.9

192 15.4 13.3 19.9



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: 38.413 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060584.D

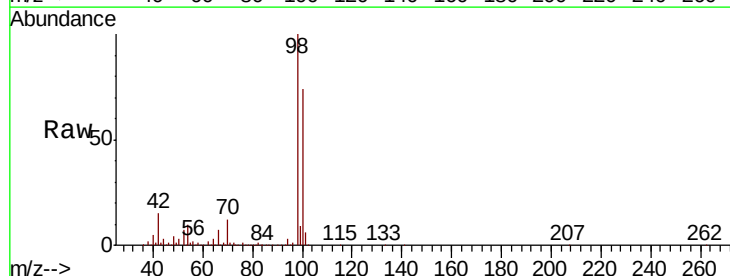
Acq: 5 Nov 2018 21:09

Tgt Ion: 98 Resp: 471188

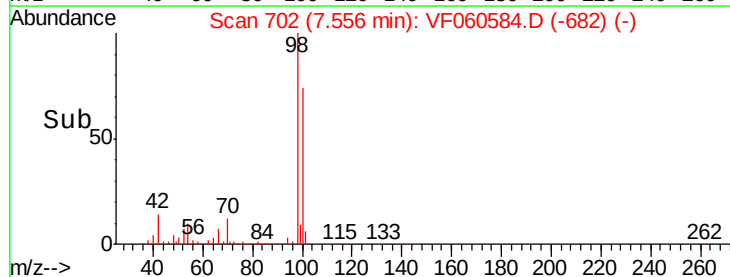
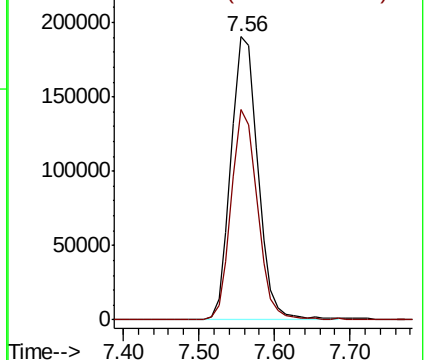
Ion Ratio Lower Upper

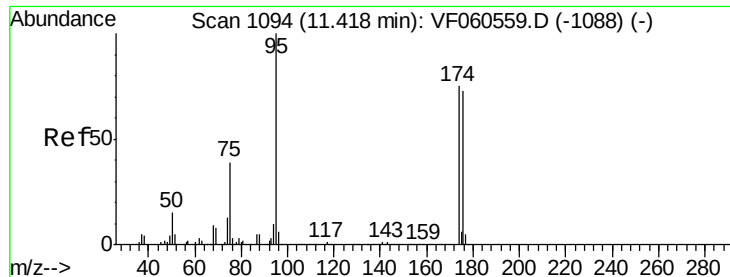
98 100

100 74.2 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

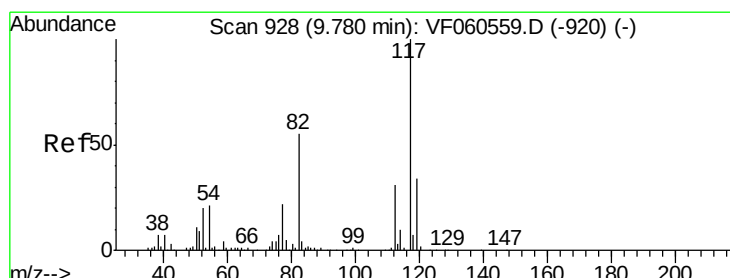
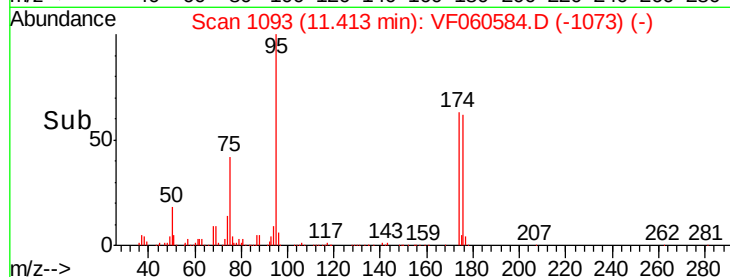
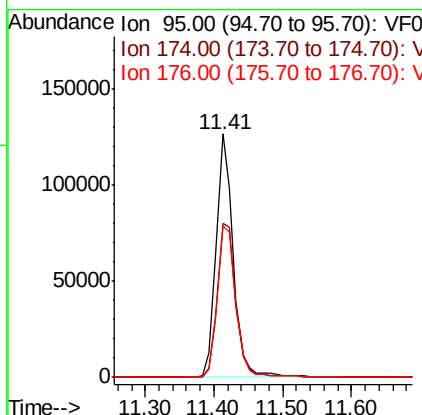
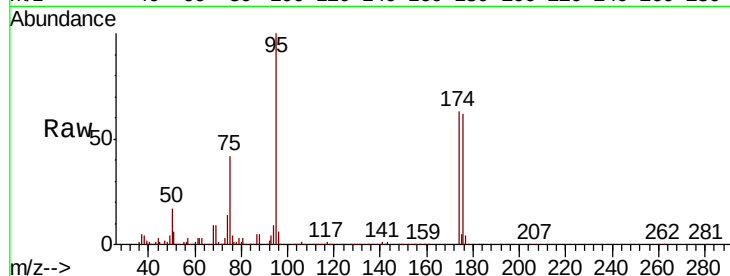




#62
4-Bromofluorobenzene
Concen: 40.773 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060584.D
Acq: 5 Nov 2018 21:09

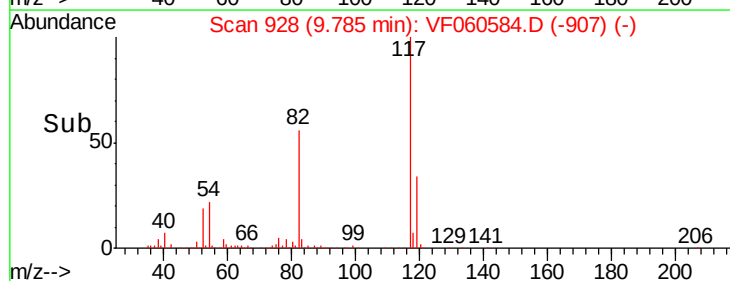
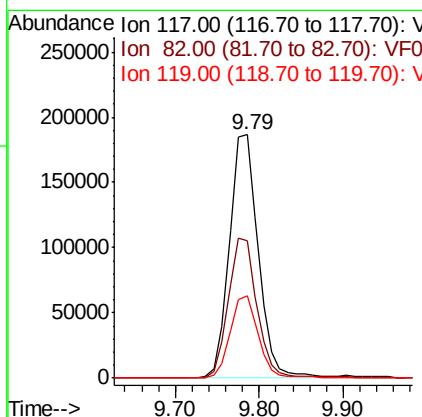
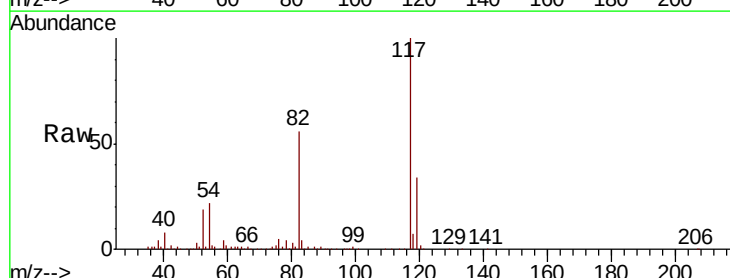
Instrument :
MSVOA_F
ClientSampleId :
TP-9

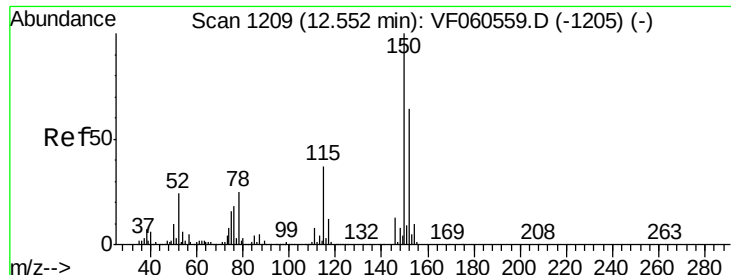
Tot Ion: 95 Resp: 218765
Ion Ratio Lower Upper
95 100
174 63.2 0.0 149.0
176 62.0 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060584.D
Acq: 5 Nov 2018 21:09

Tgt Ion: 117 Resp: 446509
Ion Ratio Lower Upper
117 100
82 56.2 43.9 65.9
119 33.9 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF060584.D

Acq: 5 Nov 2018 21:09

Instrument :

MSVOA_F

ClientSampleId :

TP-9

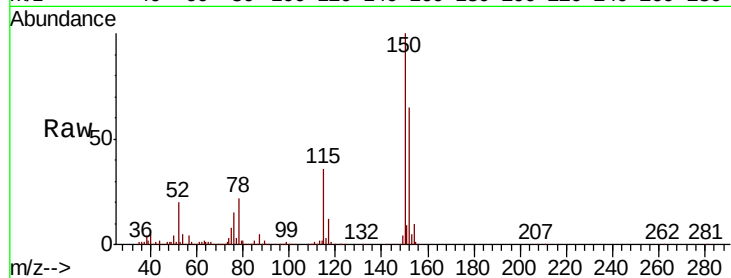
Tot Ion:152 Resp: 251707

Ion Ratio Lower Upper

152 100

115 55.6 29.6 88.8

150 154.7 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

