

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060634.D
 Acq On : 7 Nov 2018 17:43
 Operator : VA/AP
 Sample : J5769-14
 Misc : 5.56g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FLOOD-AREA-3

Quant Time: Nov 07 17:07:33 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

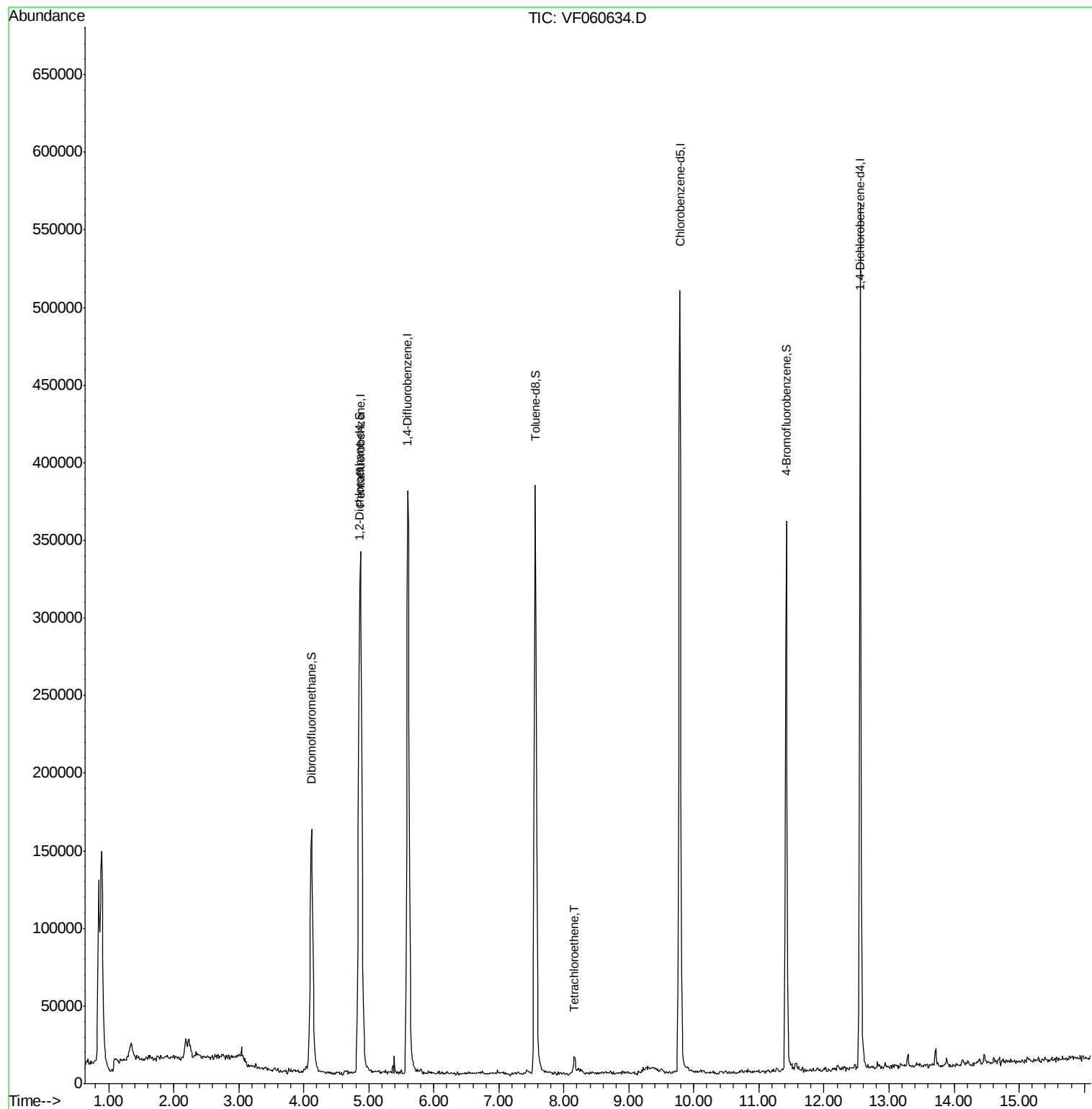
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	269041	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	437038	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	370388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	142150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	122537	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	4.12	113	152431	45.14	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.28%	
50) Toluene-d8	7.56	98	332834	33.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.56%	
62) 4-Bromofluorobenzene	11.42	95	138393	31.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.26%	
Target Compounds						
64) Tetrachloroethene	8.16	164	3302	1.138	ug/l #	81

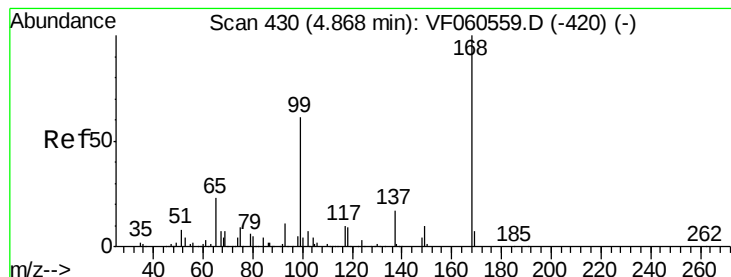
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060634.D

Acq: 7 Nov 2018 17:43

Instrument :

MSVOA_F

ClientSampleId :

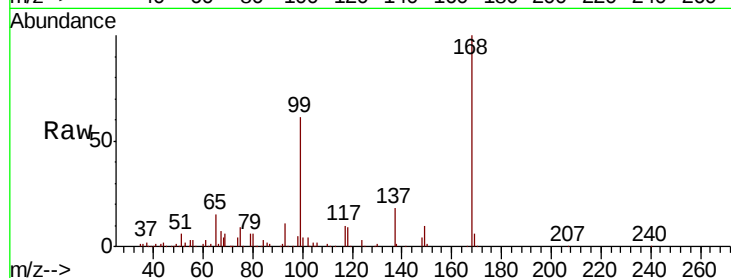
FLOOD-AREA-3

Tot Ion:168 Resp: 269041

Ion Ratio Lower Upper

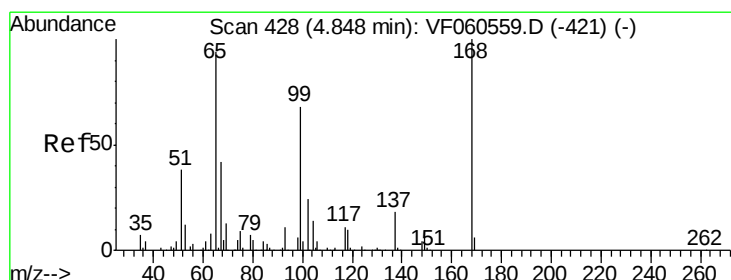
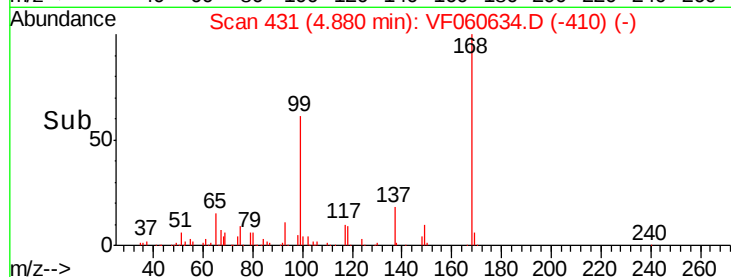
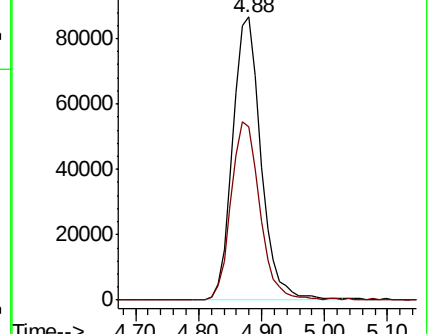
168 100

99 61.1 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: 45.078 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF060634.D

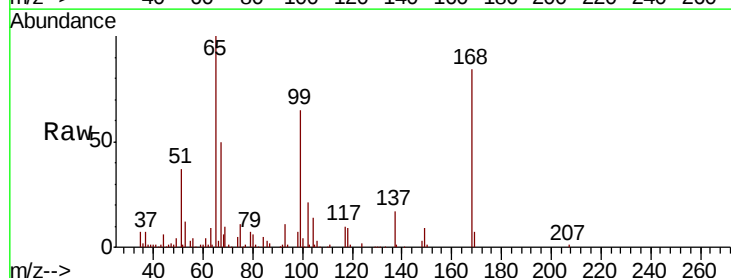
Acq: 7 Nov 2018 17:43

Tgt Ion: 65 Resp: 122537

Ion Ratio Lower Upper

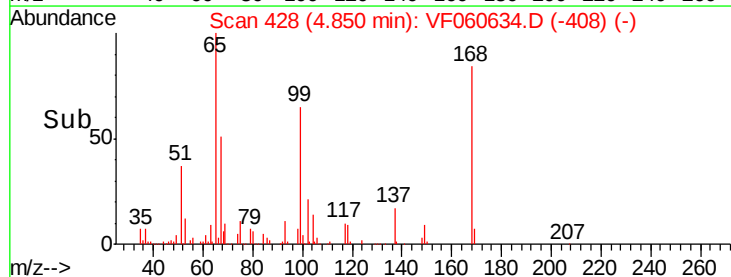
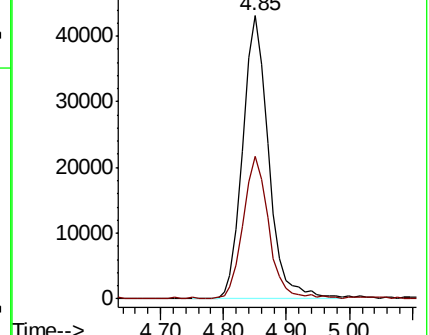
65 100

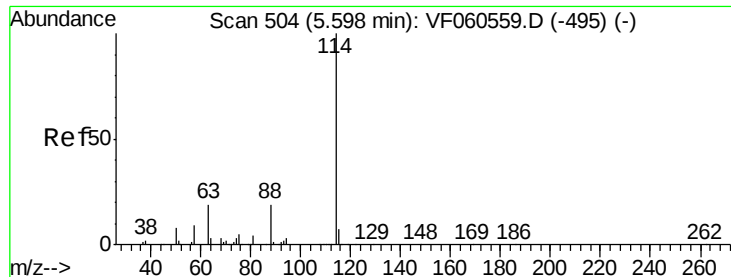
67 50.4 0.0 101.8



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: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060634.D

Acq: 7 Nov 2018 17:43

Instrument :

MSVOA_F

ClientSampleId :

FLOOD-AREA-3

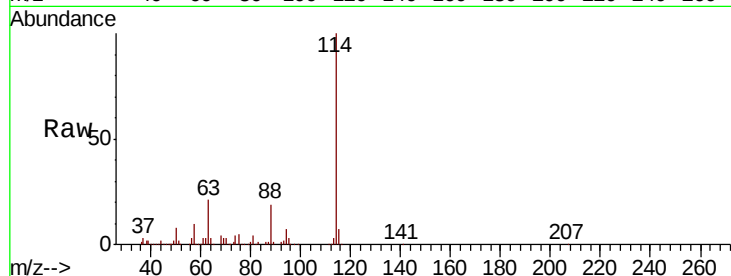
Tot Ion:114 Resp: 437038

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

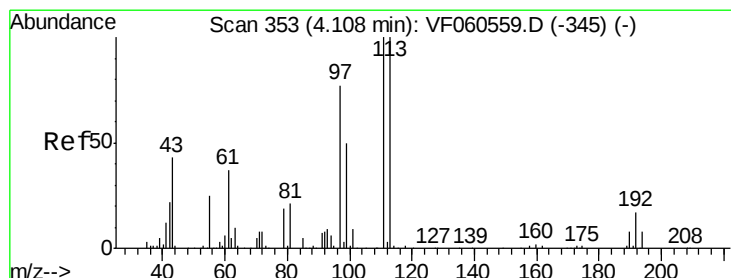
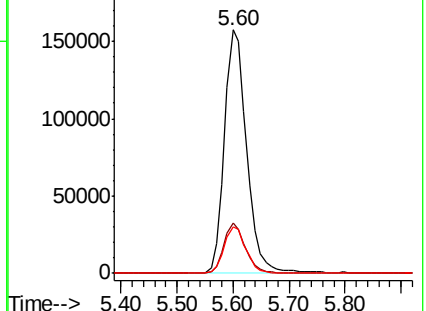
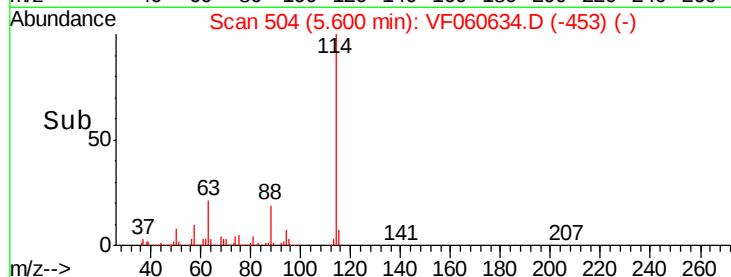
88 19.0 0.0 38.2



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: 45.144 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060634.D

Acq: 7 Nov 2018 17:43

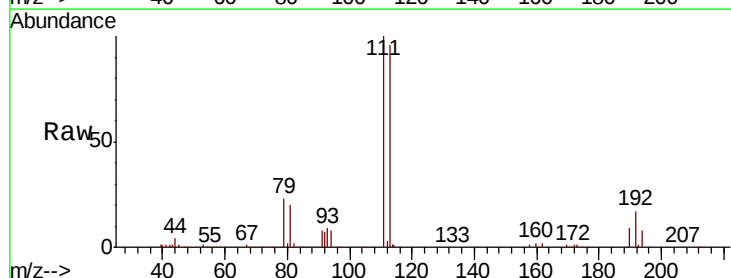
Tgt Ion:113 Resp: 152431

Ion Ratio Lower Upper

113 100

111 104.2 79.9 119.9

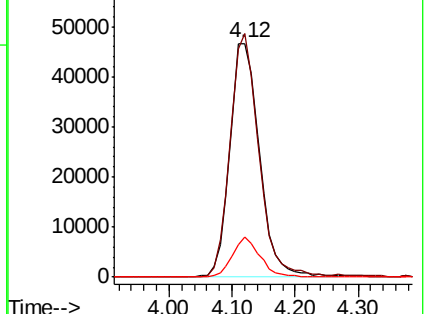
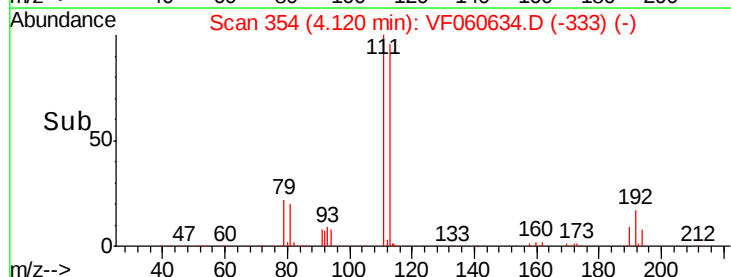
192 18.0 13.3 19.9



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

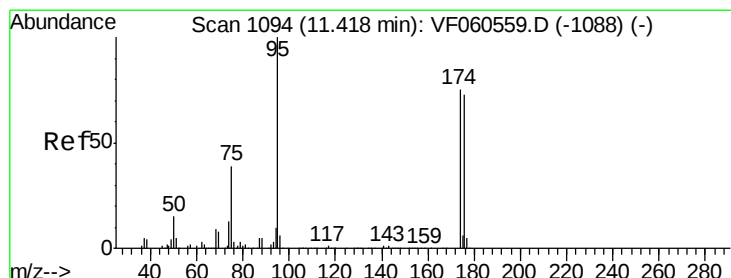
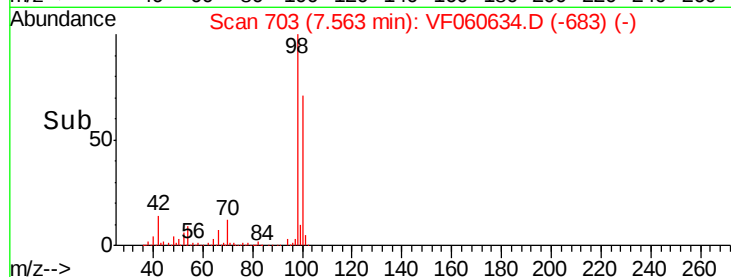
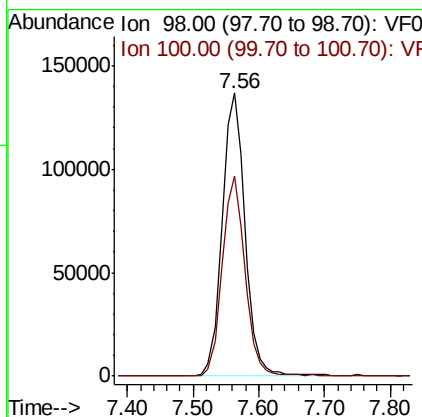
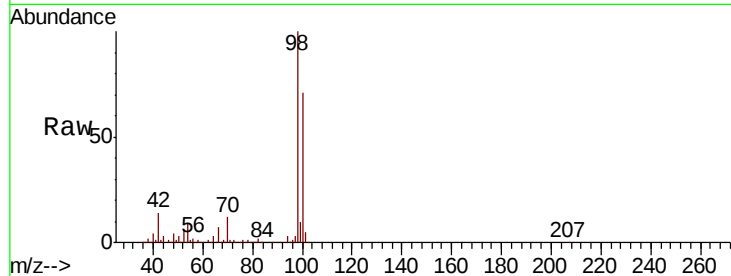




#50
Toluene-d8
Concen: 33.276 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060634.D
Acq: 7 Nov 2018 17:43

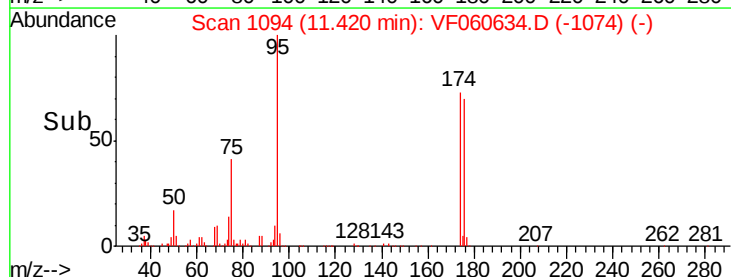
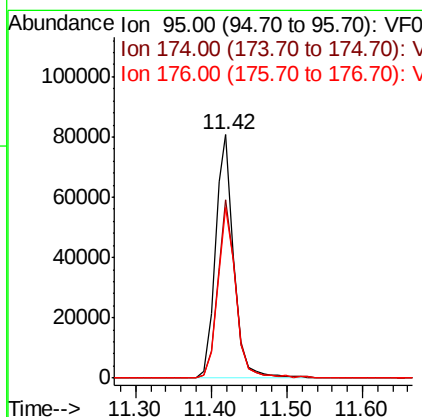
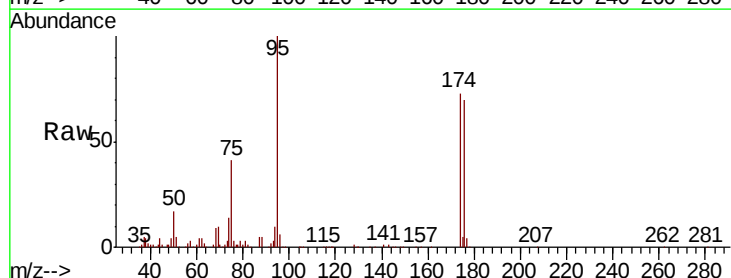
Instrument :
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FLOOD-AREA-3

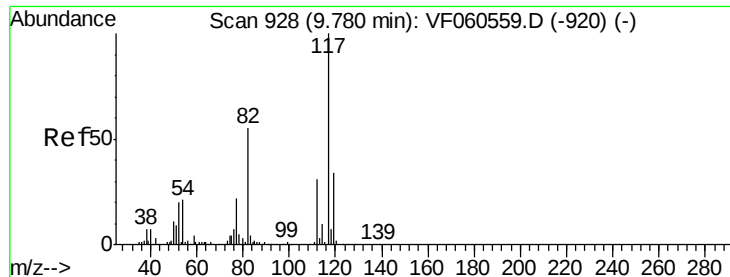
Tot Ion: 98 Resp: 332834
Ion Ratio Lower Upper
98 100
100 70.5 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 31.631 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060634.D
Acq: 7 Nov 2018 17:43

Tgt Ion: 95 Resp: 138393
Ion Ratio Lower Upper
95 100
174 73.0 0.0 149.0
176 69.9 0.0 145.6

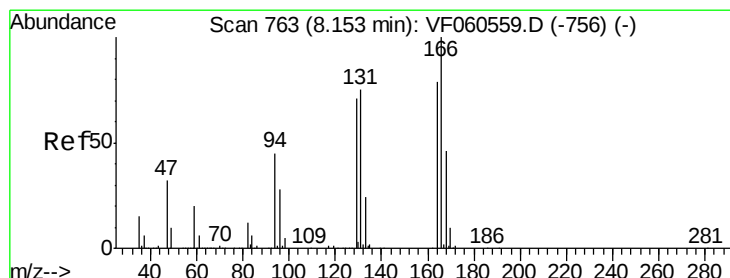
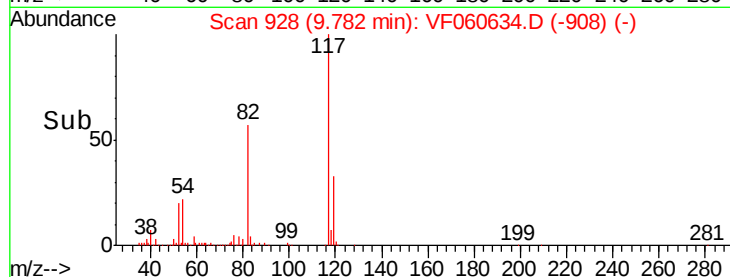
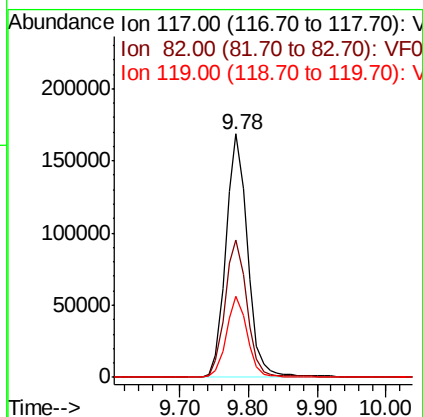
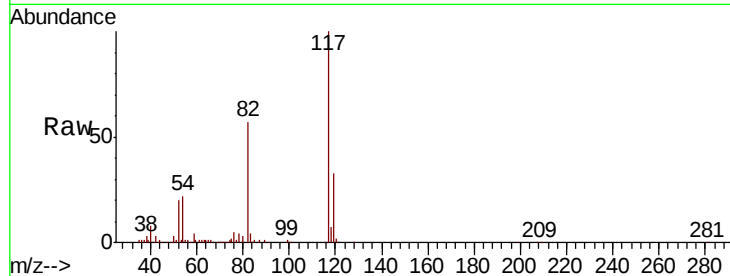




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060634.D
Acq: 7 Nov 2018 17:43

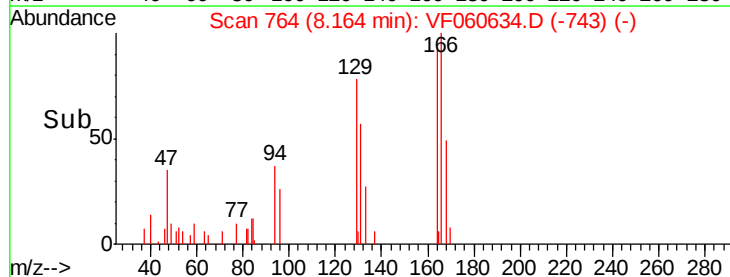
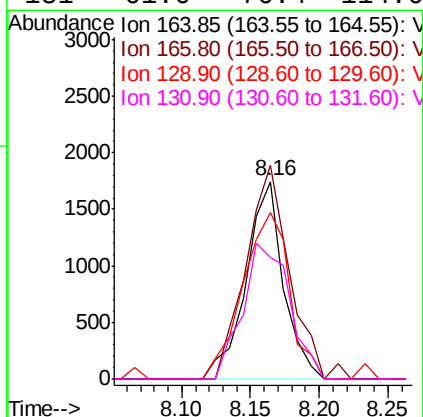
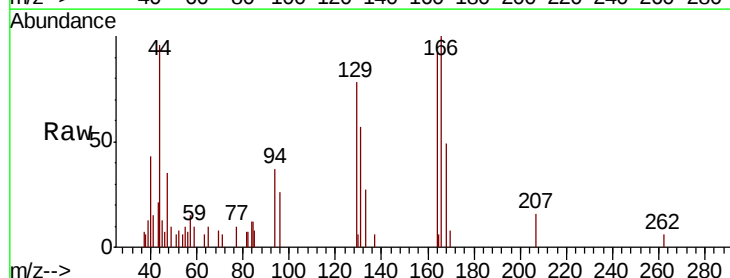
Instrument :
MSVOA_F
ClientSampleId :
FLOOD-AREA-3

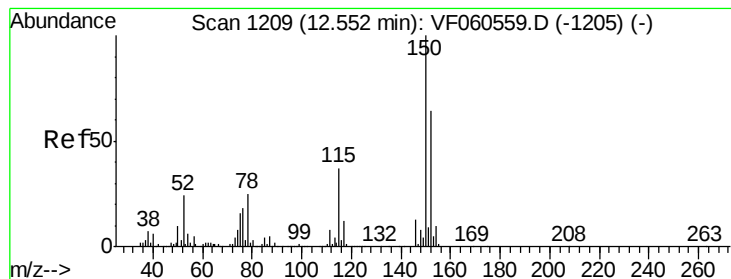
Tot Ion:117 Resp: 370388
Ion Ratio Lower Upper
117 100
82 56.6 43.9 65.9
119 33.1 27.4 41.0



#64
Tetrachloroethene
Concen: 1.138 ug/l
RT: 8.16 min Scan# 764
Delta R.T. 0.01 min
Lab File: VF060634.D
Acq: 7 Nov 2018 17:43

Tgt Ion:164 Resp: 3302
Ion Ratio Lower Upper
164 100
166 108.2 101.5 152.3
129 84.5 72.5 108.7
131 61.6 76.4 114.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF060634.D

Acq: 7 Nov 2018 17:43

Instrument :

MSVOA_F

ClientSampleId :

FLOOD-AREA-3

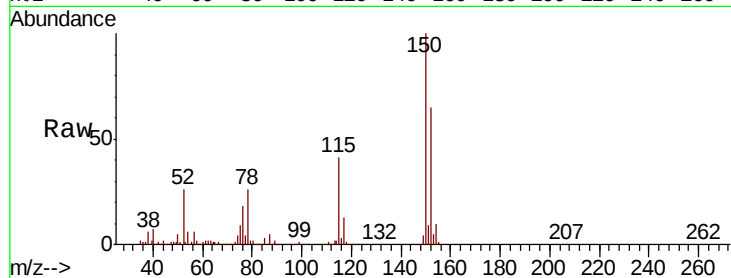
Tot Ion:152 Resp: 142150

Ion Ratio Lower Upper

152 100

115 63.0 29.6 88.8

150 154.4 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

