

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060580.D
 Acq On : 5 Nov 2018 19:15
 Operator : VA/AP
 Sample : J5741-15RE
 Misc : 6.55/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4RE

Quant Time: Nov 06 07:04:57 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	249147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	497861	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	372791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	159729	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	124139	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	4.11	113	157947	41.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.12%	
50) Toluene-d8	7.55	98	332453	29.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.36%	
62) 4-Bromofluorobenzene	11.41	95	152870	30.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.34%	

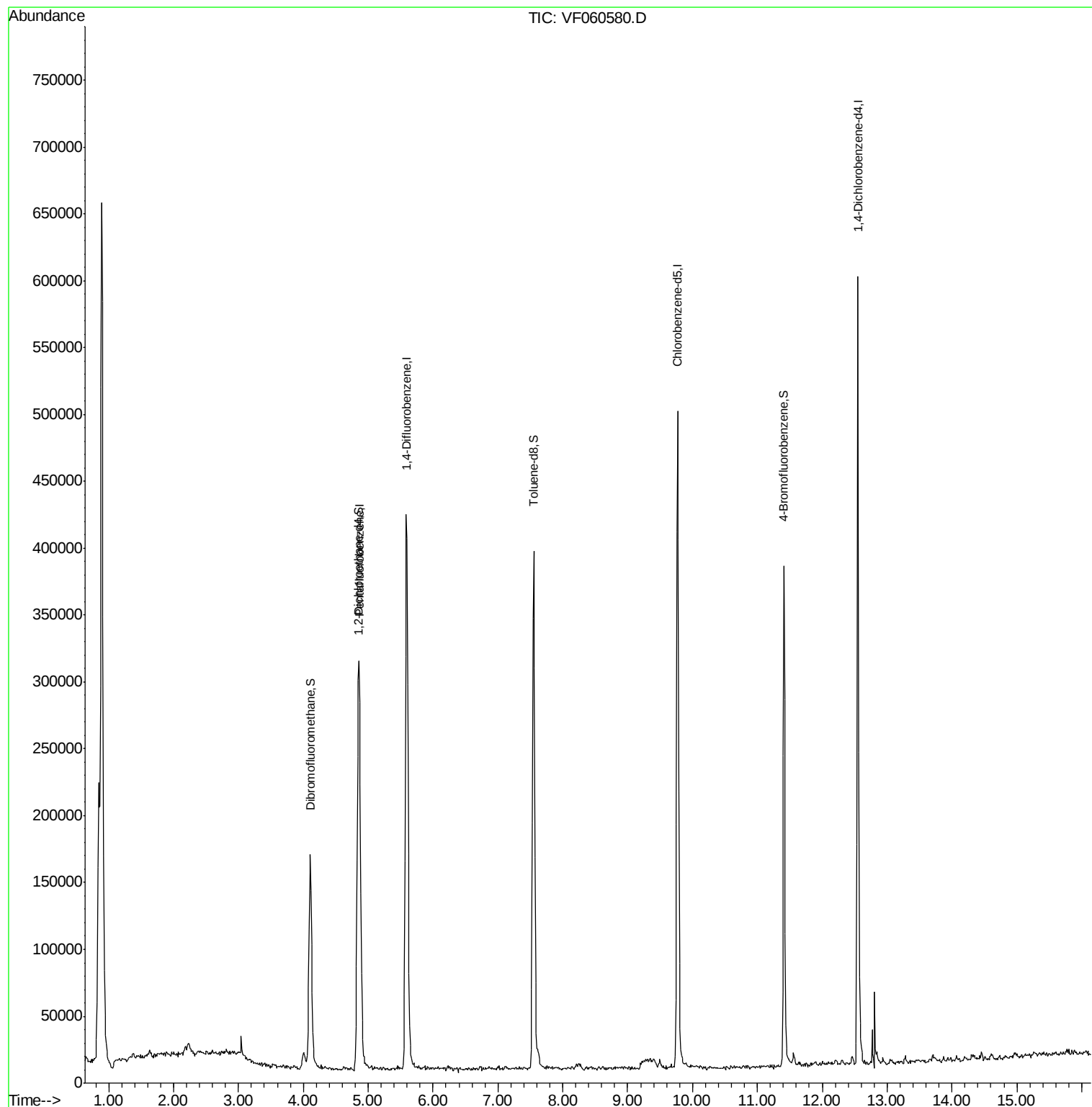
Target Compounds	Qvalue

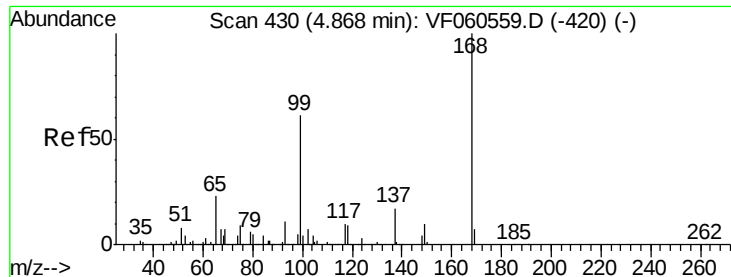
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VF060580.D

Acq: 5 Nov 2018 19:15

Instrument :

MSVOA_F

ClientSampleId :

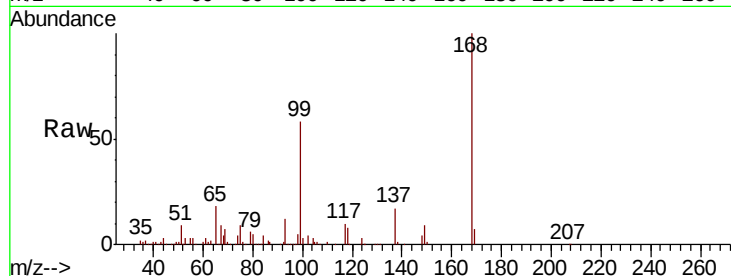
TP-4RE

Tot Ion:168 Resp: 249147

Ion Ratio Lower Upper

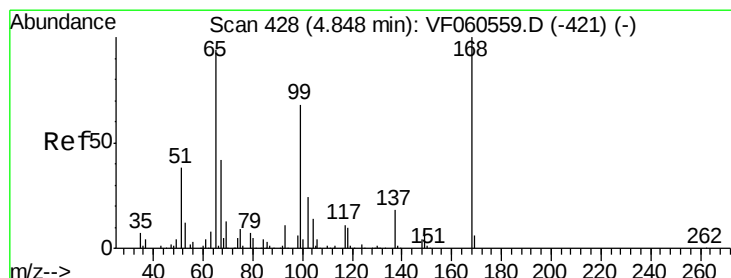
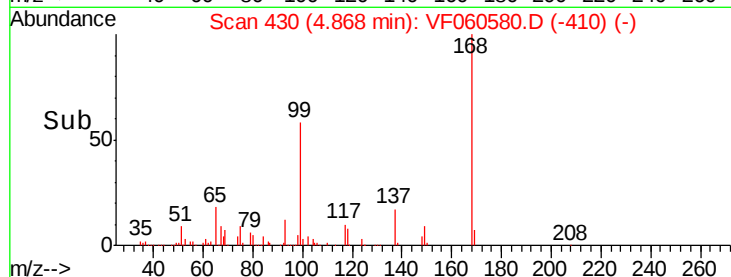
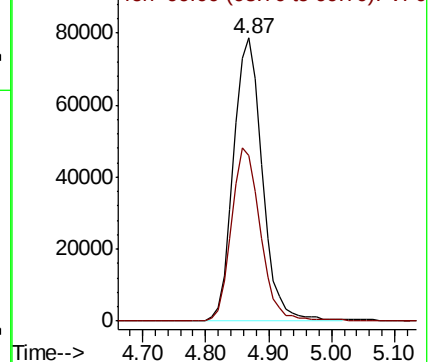
168 100

99 58.4 48.6 72.8



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: 49.314 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060580.D

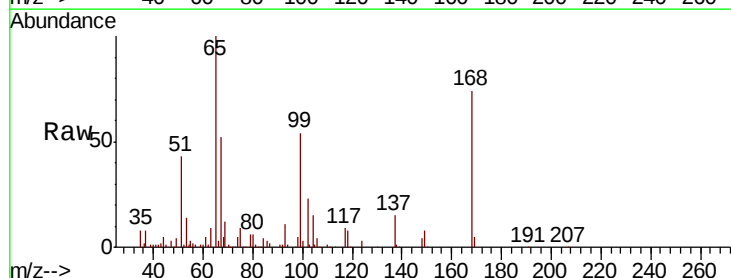
Acq: 5 Nov 2018 19:15

Tgt Ion: 65 Resp: 124139

Ion Ratio Lower Upper

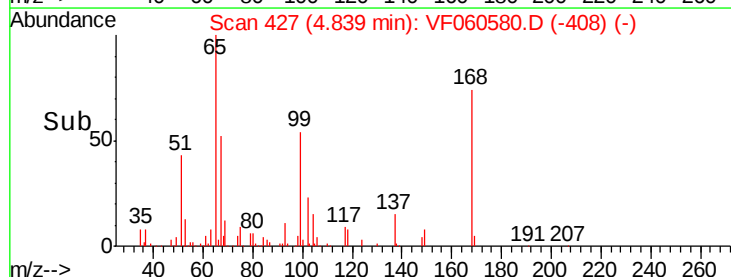
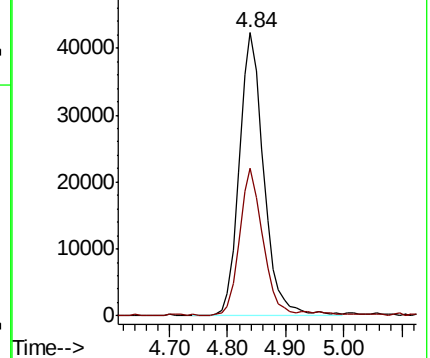
65 100

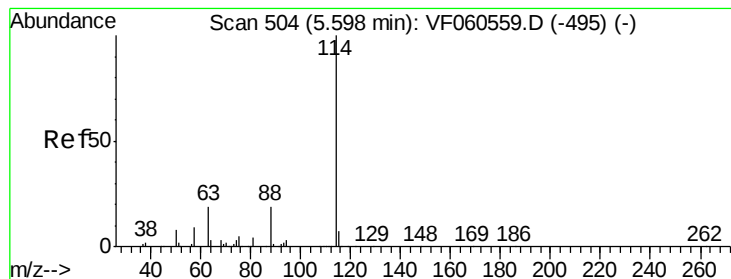
67 52.1 0.0 101.8



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: VF060580.D

Acq: 5 Nov 2018 19:15

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

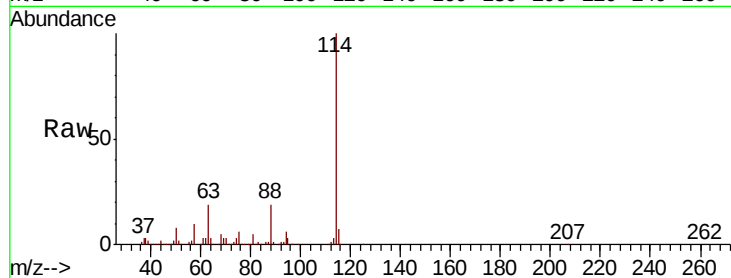
Tot Ion:114 Resp: 497861

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

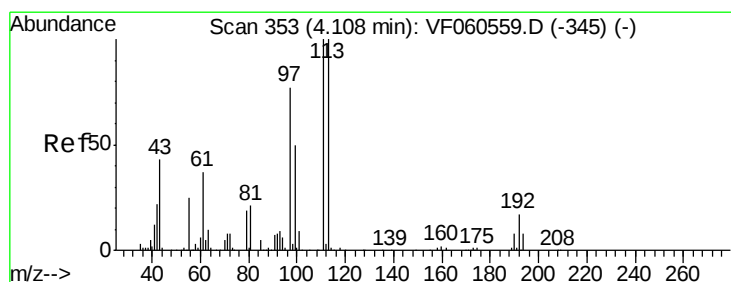
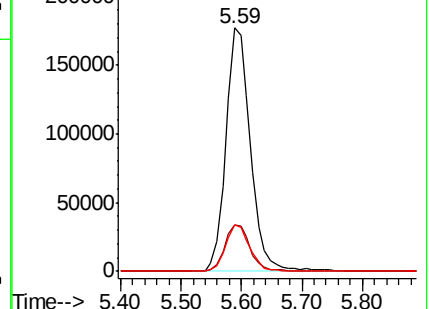
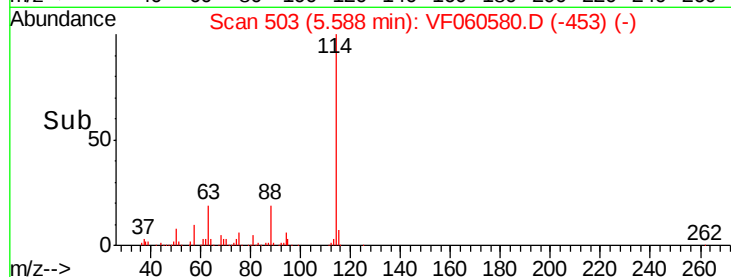
88 19.0 0.0 38.2



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: 41.063 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060580.D

Acq: 5 Nov 2018 19:15

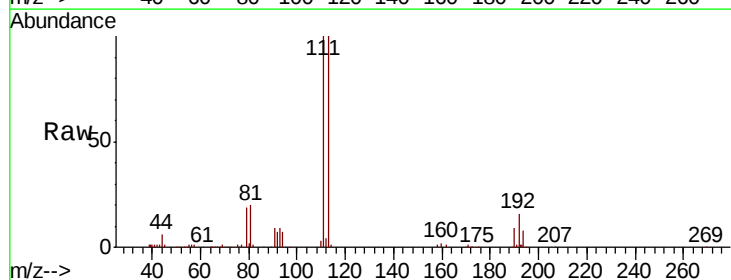
Tgt Ion:113 Resp: 157947

Ion Ratio Lower Upper

113 100

111 100.3 79.9 119.9

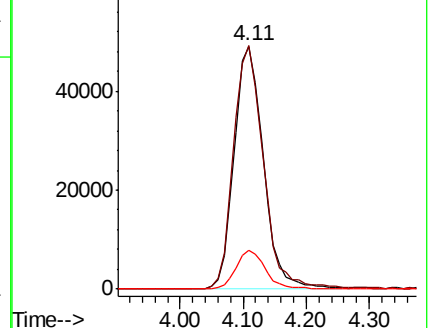
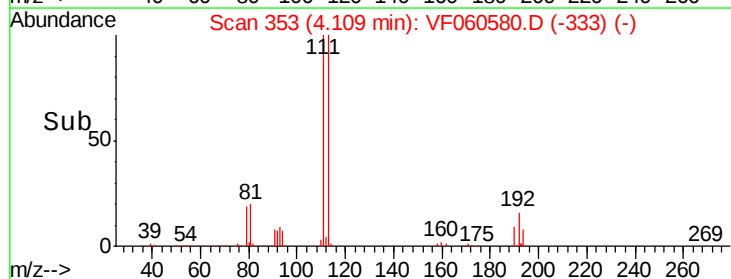
192 16.3 13.3 19.9



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

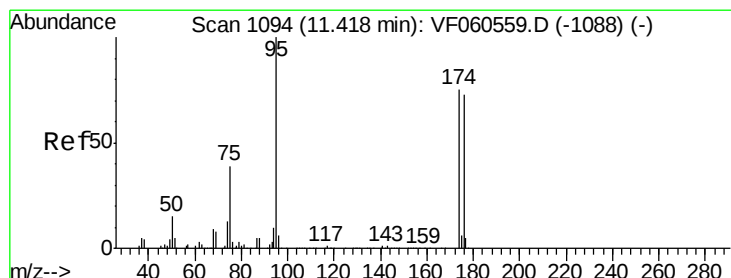
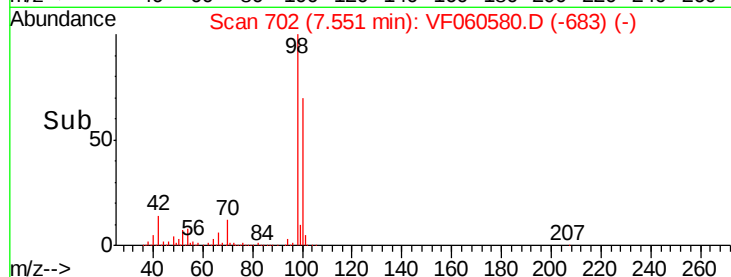
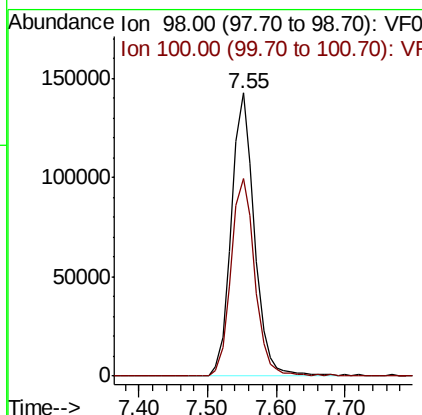
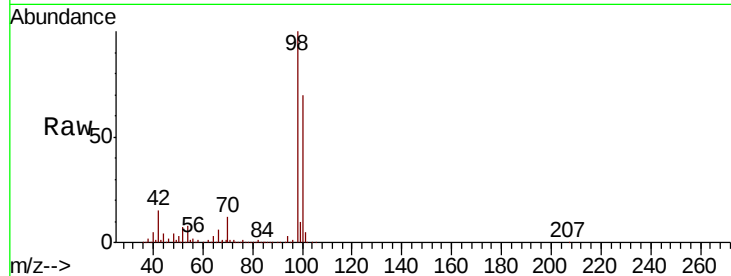




#50
Toluene-d8
Concen: 29.177 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060580.D
Acq: 5 Nov 2018 19:15

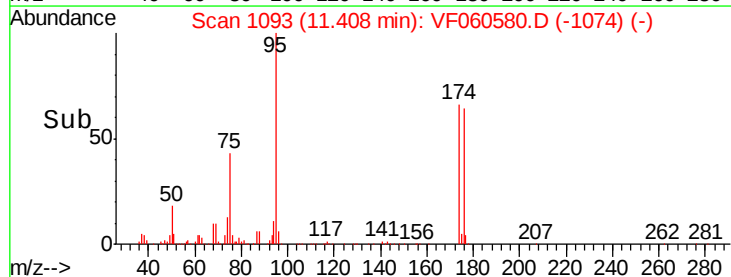
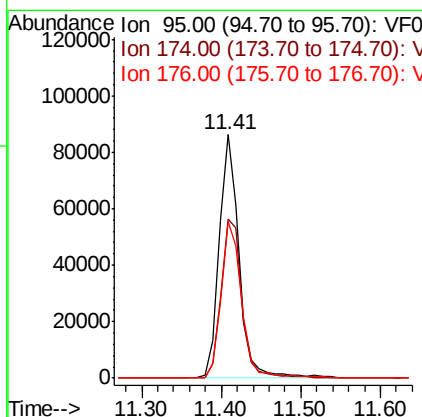
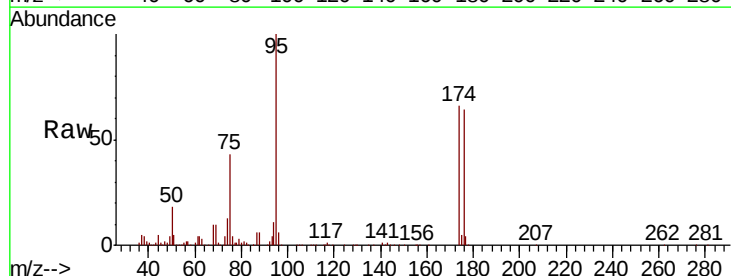
Instrument :
MSVOA_F
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TP-4RE

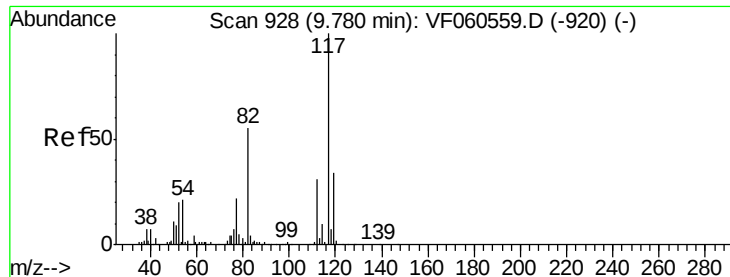
Tot Ion: 98 Resp: 332453
Ion Ratio Lower Upper
98 100
100 70.0 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 30.672 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060580.D
Acq: 5 Nov 2018 19:15

Tgt Ion: 95 Resp: 152870
Ion Ratio Lower Upper
95 100
174 65.5 0.0 149.0
176 64.0 0.0 145.6

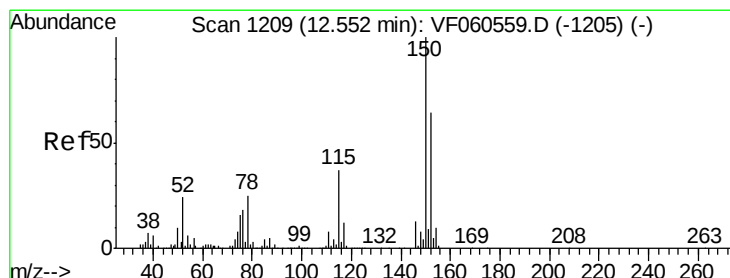
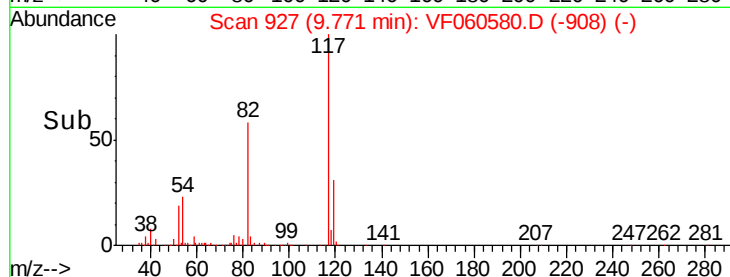
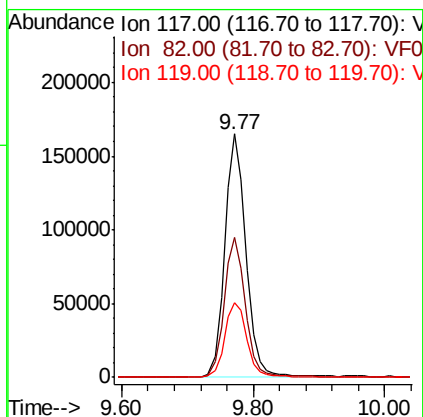
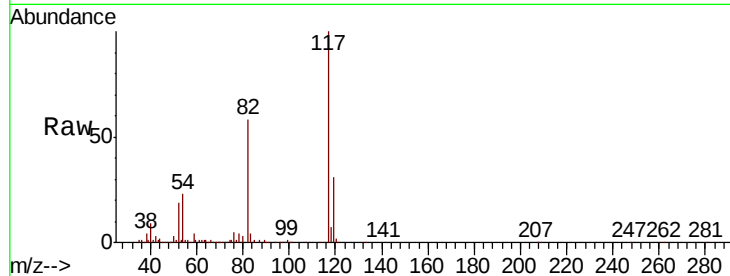




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060580.D
Acq: 5 Nov 2018 19:15

Instrument :
MSVOA_F
ClientSampleId :
TP-4RE

Tot Ion:117 Resp: 372791
Ion Ratio Lower Upper
117 100
82 57.7 43.9 65.9
119 30.7 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060580.D
Acq: 5 Nov 2018 19:15

Tgt Ion:152 Resp: 159729
Ion Ratio Lower Upper
152 100
115 56.9 29.6 88.8
150 157.4 0.0 315.6

