

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060671.D
 Acq On : 9 Nov 2018 14:47
 Operator : VA/AP
 Sample : J5859-04RE
 Misc : 6.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-24(6-8)RE

Quant Time: Nov 12 04:38:55 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	4.88	168	22530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	23283	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	13077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	2740	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	1711	7.52	ug/l	0.00
Spiked Amount			Recovery	=	15.04%	
35) Dibromofluoromethane	4.11	113	3571	19.85	ug/l	0.00
Spiked Amount			Recovery	=	39.70%	
50) Toluene-d8	7.56	98	13186	24.75	ug/l	0.00
Spiked Amount			Recovery	=	49.50%	
62) 4-Bromofluorobenzene	11.42	95	3377	14.49	ug/l	0.00
Spiked Amount			Recovery	=	28.98%	

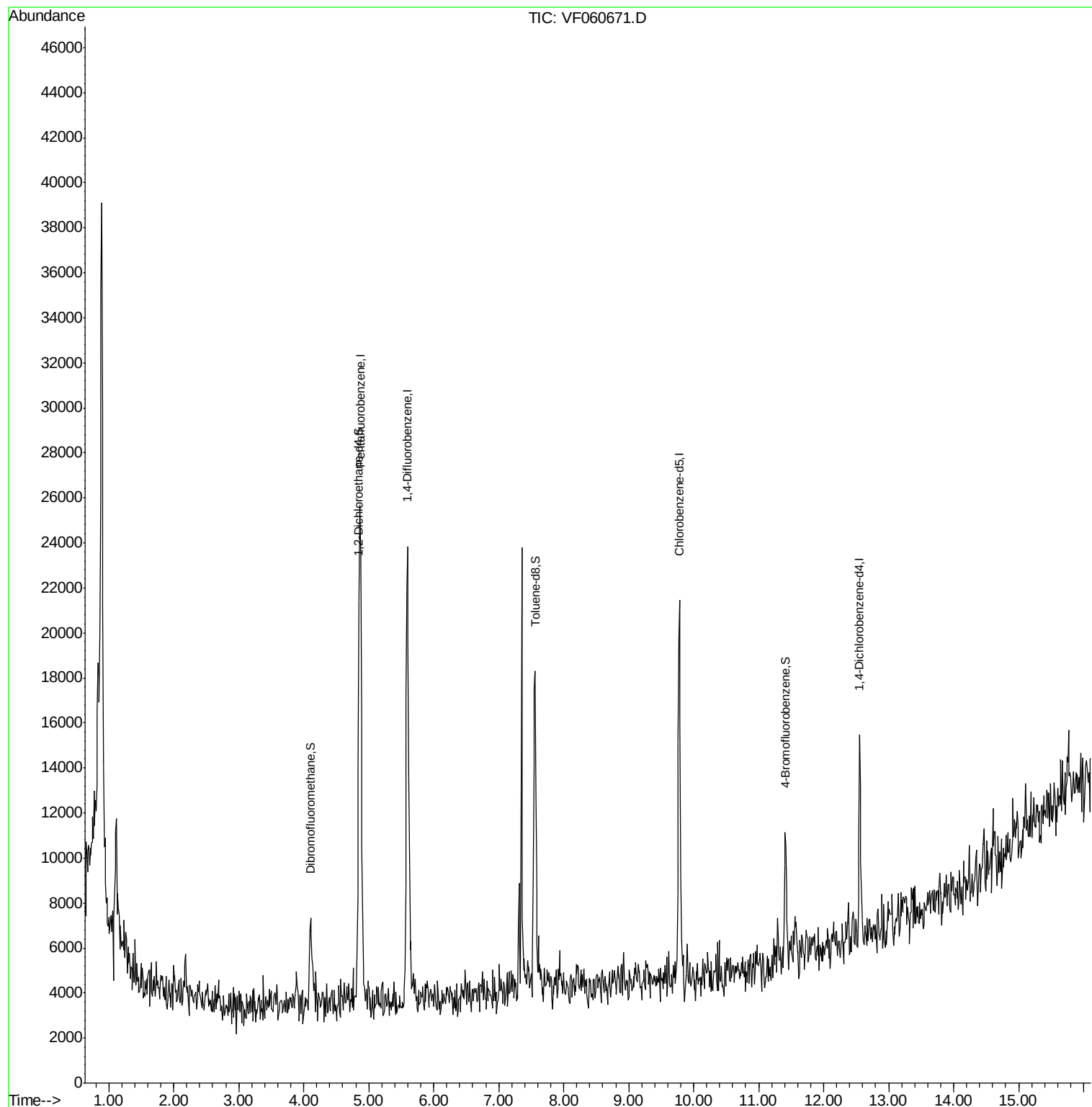
Target Compounds	Qvalue
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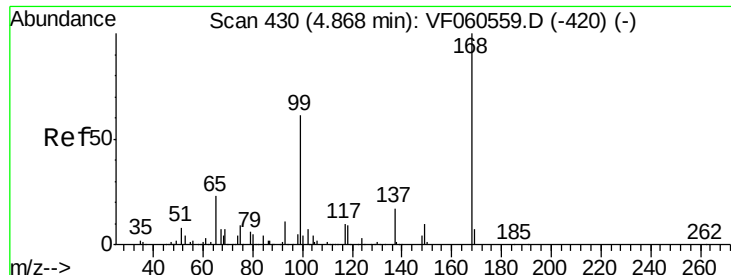
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060671.D

Acq: 9 Nov 2018 14:47

Instrument :

MSVOA_F

ClientSampleId :

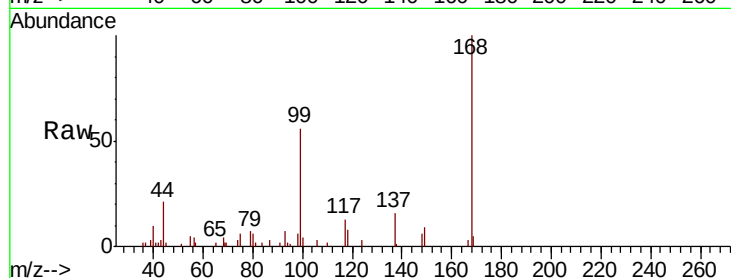
B-24(6-8)RE

Tot Ion:168 Resp: 22530

Ion Ratio Lower Upper

168 100

99 55.7 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

8000

6000

4000

2000

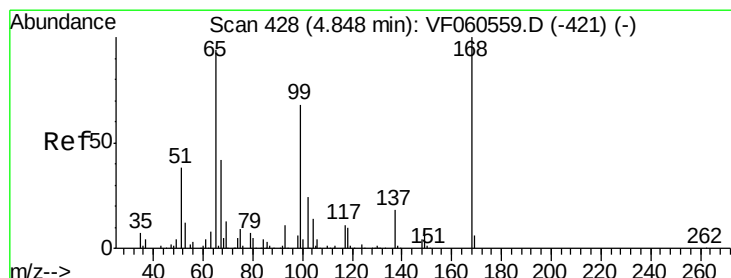
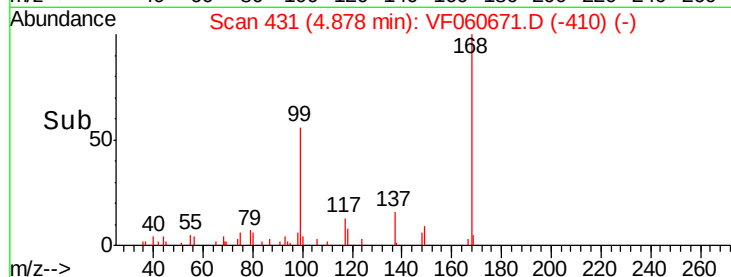
0

4.80

4.90

5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 7.516 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060671.D

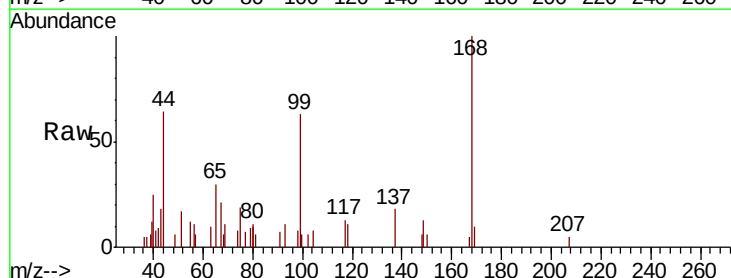
Acq: 9 Nov 2018 14:47

Tgt Ion: 65 Resp: 1711

Ion Ratio Lower Upper

65 100

67 69.4 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

600

400

200

0

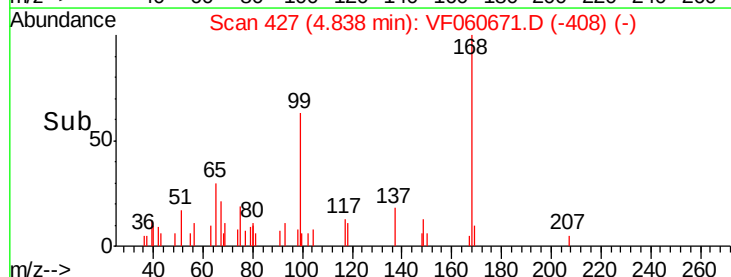
4.75

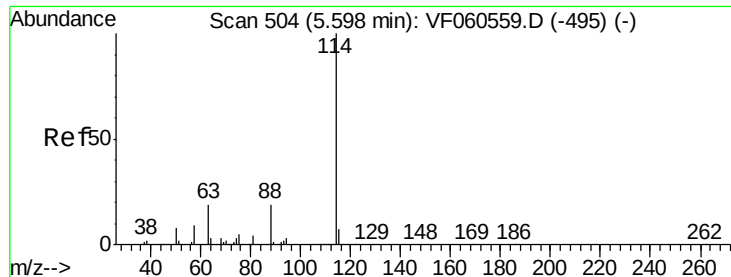
4.80

4.85

4.90

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.00 min

Lab File: VF060671.D

Acq: 9 Nov 2018 14:47

Instrument :

MSVOA_F

ClientSampleId :

B-24(6-8)RE

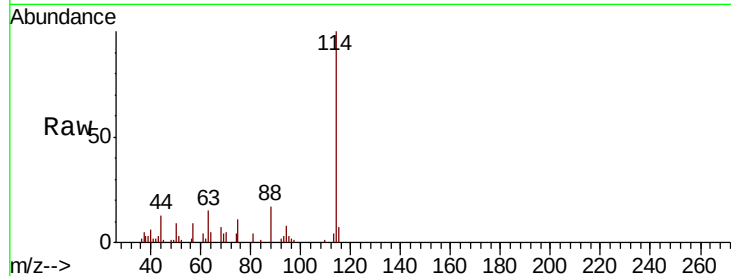
Tot Ion:114 Resp: 23283

Ion Ratio Lower Upper

114 100

63 14.8 0.0 39.0

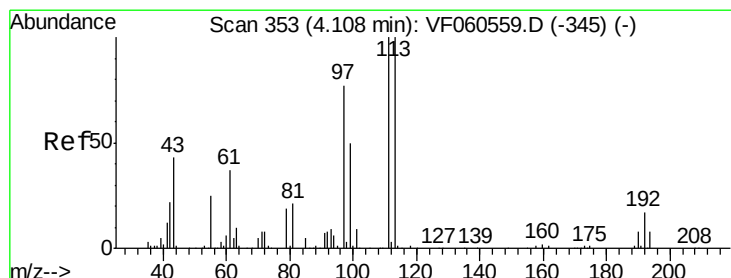
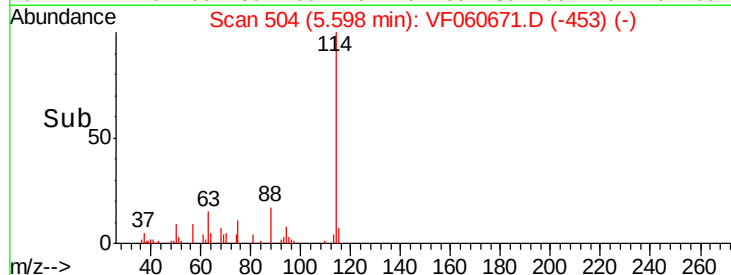
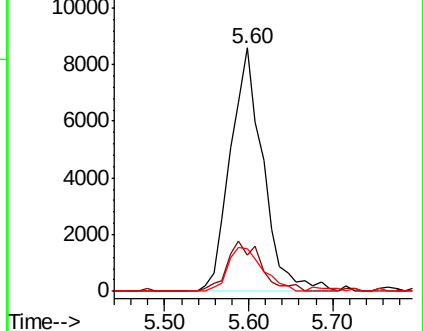
88 17.3 0.0 38.2



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: 19.852 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF060671.D

Acq: 9 Nov 2018 14:47

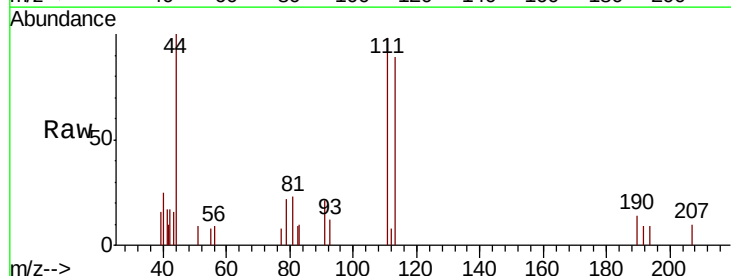
Tgt Ion:113 Resp: 3571

Ion Ratio Lower Upper

113 100

111 109.9 79.9 119.9

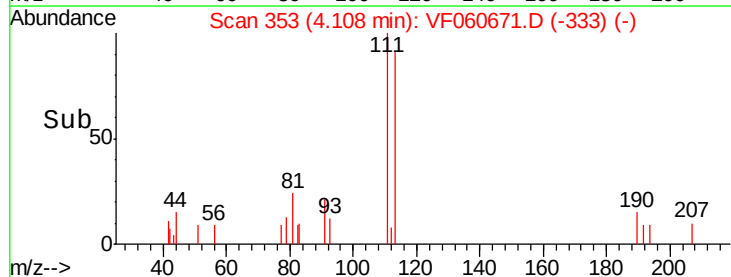
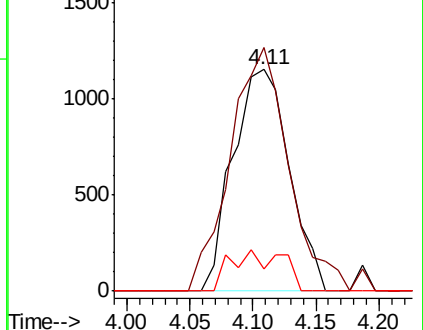
192 9.8 13.3 19.9#

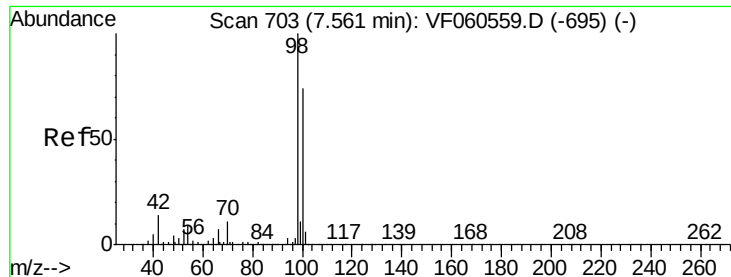


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 24.745 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF060671.D

Acq: 9 Nov 2018 14:47

Instrument :

MSVOA_F

ClientSampleId :

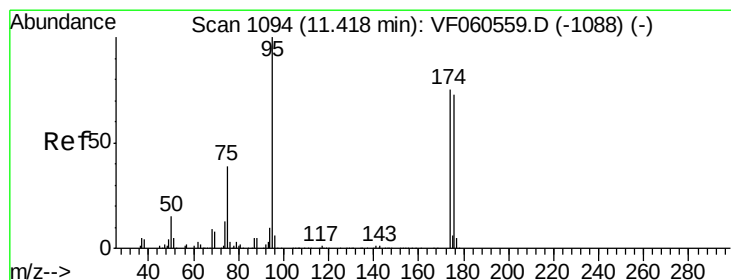
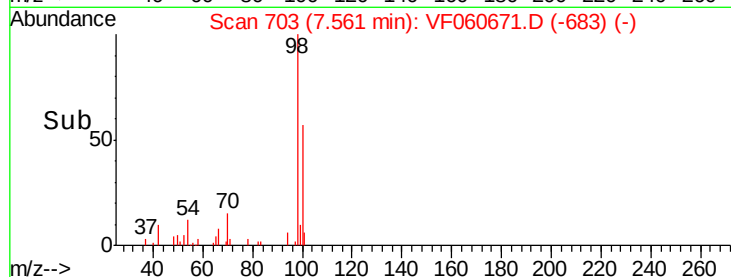
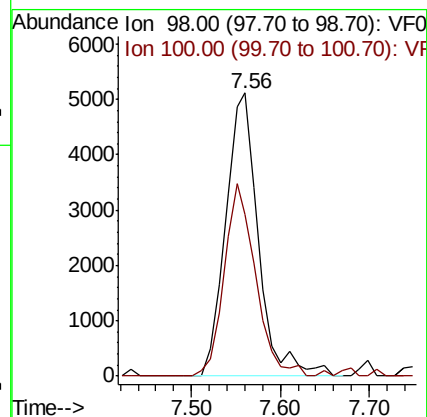
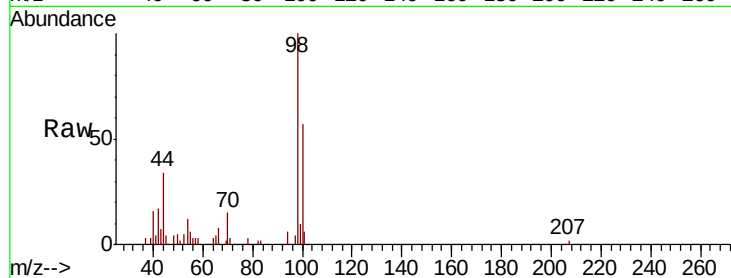
B-24(6-8)RE

Tot Ion: 98 Resp: 13186

Ion Ratio Lower Upper

98 100

100 57.1 59.4 89.2#



#62

4-Bromofluorobenzene

Concen: 14.488 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF060671.D

Acq: 9 Nov 2018 14:47

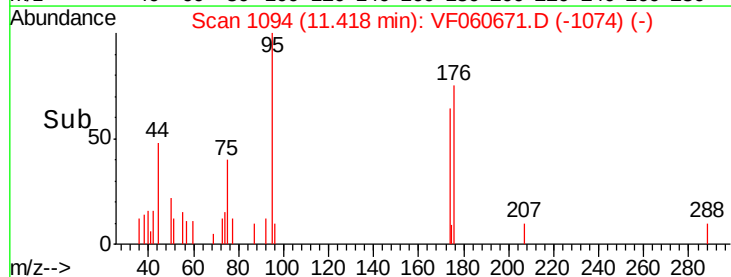
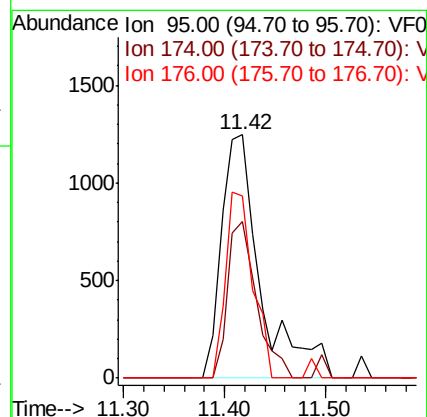
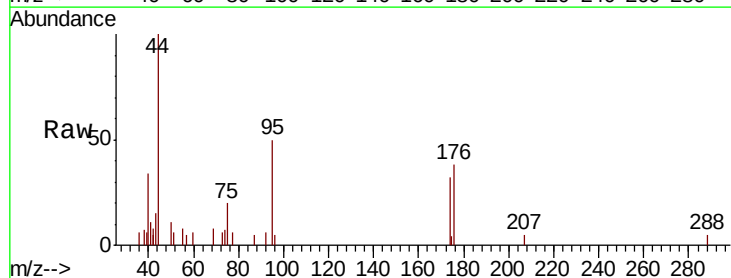
Tgt Ion: 95 Resp: 3377

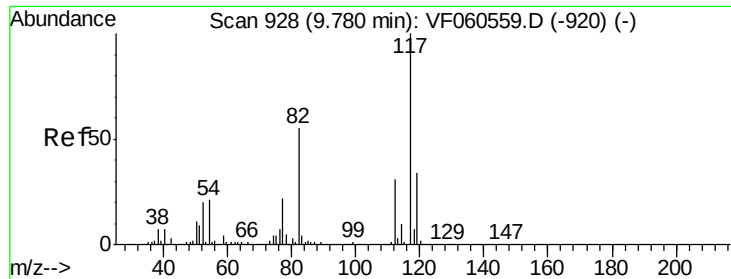
Ion Ratio Lower Upper

95 100

174 64.4 0.0 149.0

176 75.1 0.0 145.6

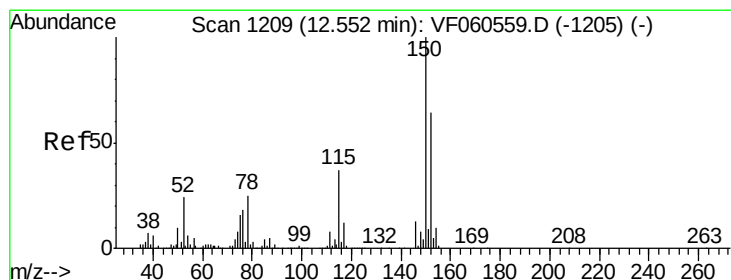
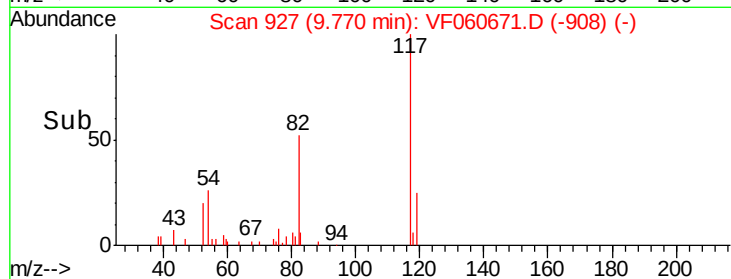
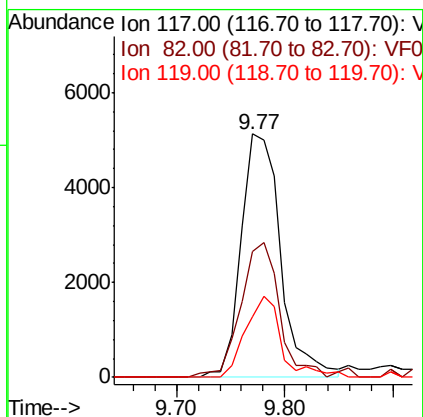
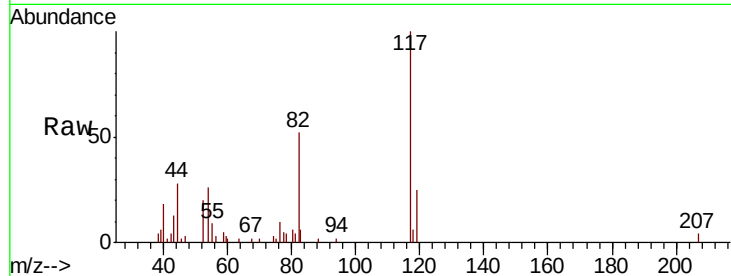




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060671.D
Acq: 9 Nov 2018 14:47

Instrument :
MSVOA_F
ClientSampleId :
B-24(6-8)RE

Tot Ion:117 Resp: 13077
Ion Ratio Lower Upper
117 100
82 51.7 43.9 65.9
119 24.8 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: VF060671.D
Acq: 9 Nov 2018 14:47

Tgt Ion:152 Resp: 2740
Ion Ratio Lower Upper
152 100
115 86.3 29.6 88.8
150 156.8 0.0 315.6

