

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060632.D
 Acq On : 7 Nov 2018 16:45
 Operator : VA/AP
 Sample : J5819-08
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BES48_SB03_3.5-4.0

Quant Time: Nov 07 16:20:04 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	71992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	90538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	52612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	15025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	11177	15.37	ug/l	-0.02
Spiked Amount			Recovery	=	30.74%	
35) Dibromofluoromethane	4.11	113	19934	28.50	ug/l	0.00
Spiked Amount			Recovery	=	57.00%	
50) Toluene-d8	7.56	98	86798	41.89	ug/l	0.00
Spiked Amount			Recovery	=	83.78%	
62) 4-Bromofluorobenzene	11.42	95	20031	22.10	ug/l	0.00
Spiked Amount			Recovery	=	44.20%	

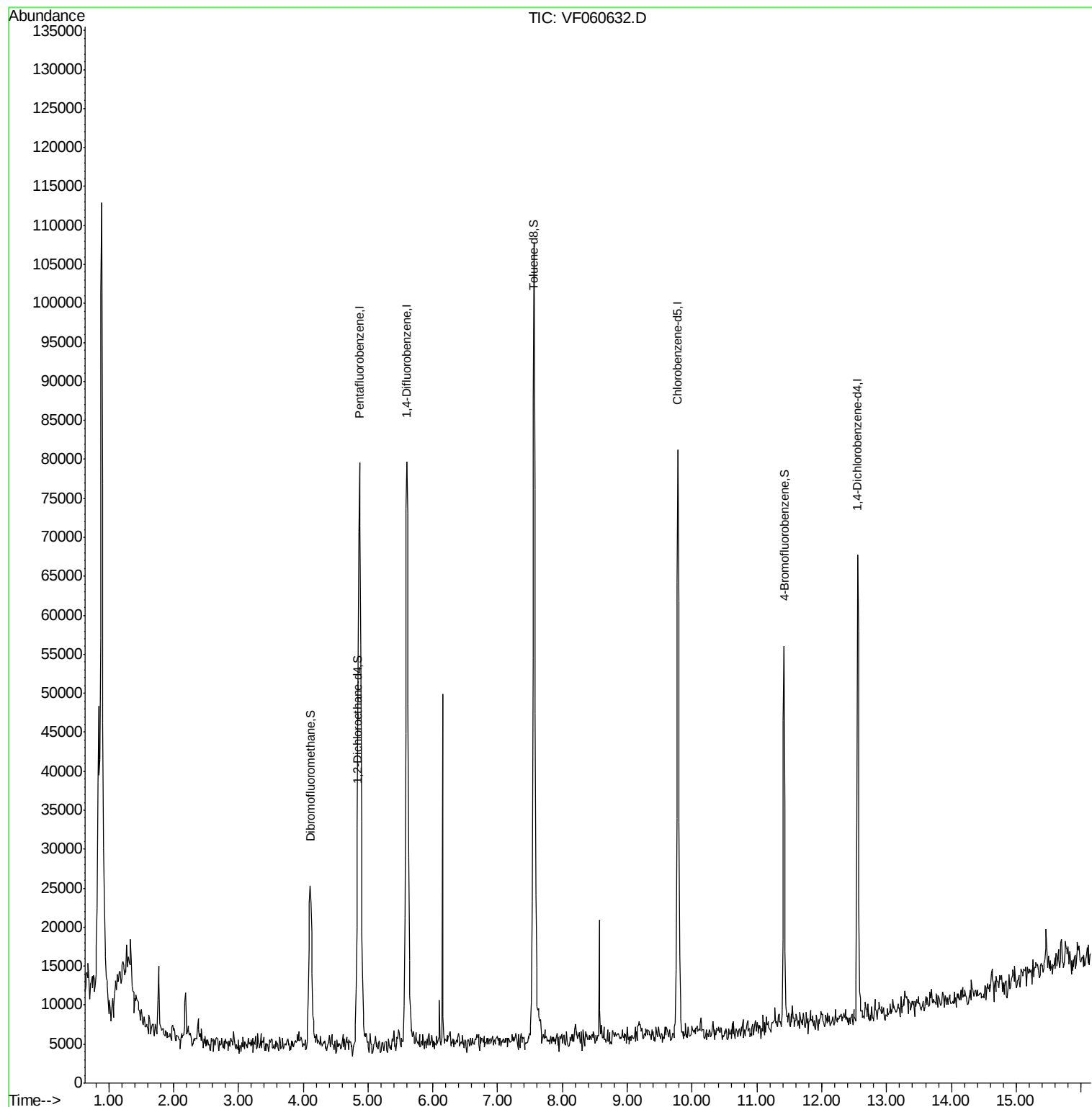
Target Compounds	Qvalue
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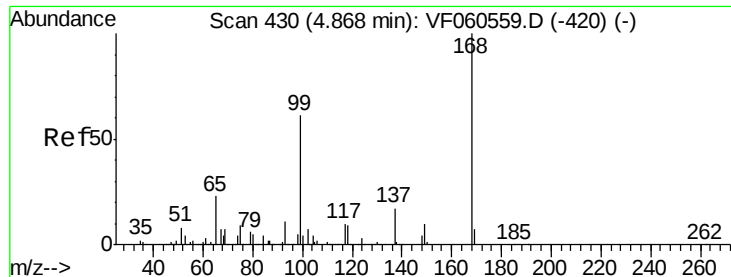
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060632.D

Acq: 7 Nov 2018 16:45

Instrument :

MSVOA_F

ClientSampleId :

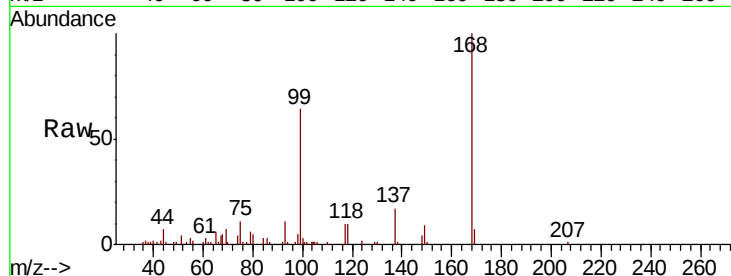
BES48_SB03_3.5-4.0

Tot Ion:168 Resp: 71992

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

4.87

25000

20000

15000

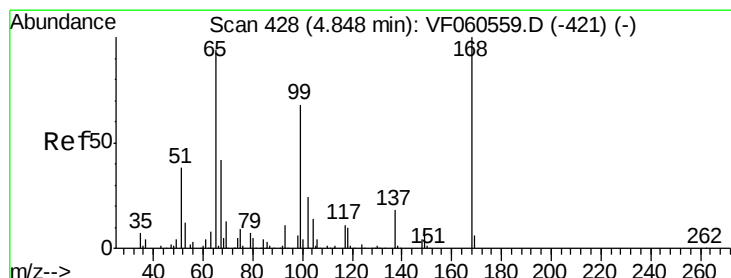
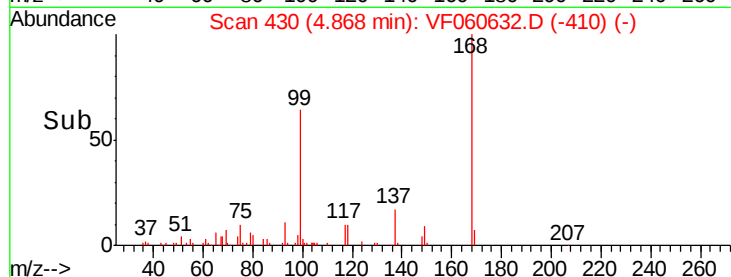
10000

5000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 15.366 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060632.D

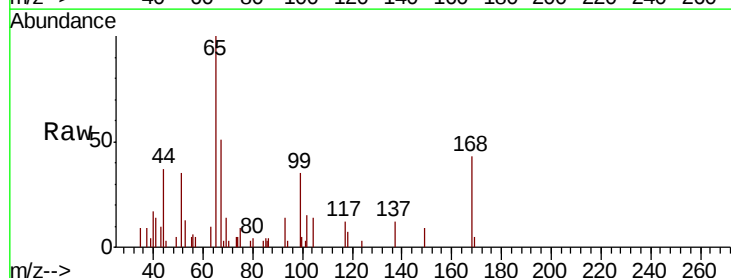
Acq: 7 Nov 2018 16:45

Tgt Ion: 65 Resp: 11177

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

4000

3000

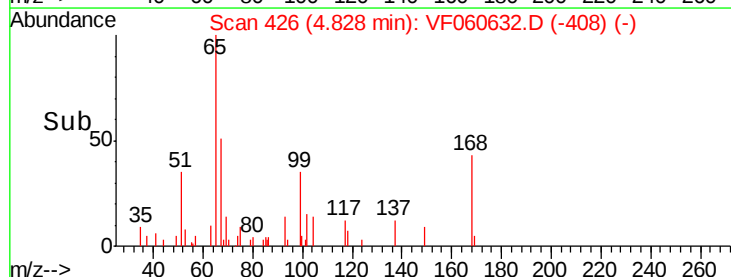
2000

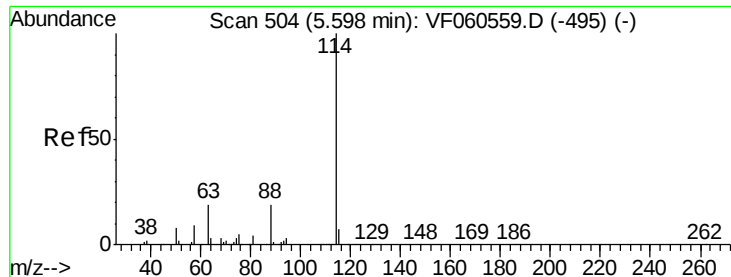
1000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.00 min

Lab File: VF060632.D

Acq: 7 Nov 2018 16:45

Instrument :

MSVOA_F

ClientSampleId :

BES48_SB03_3.5-4.0

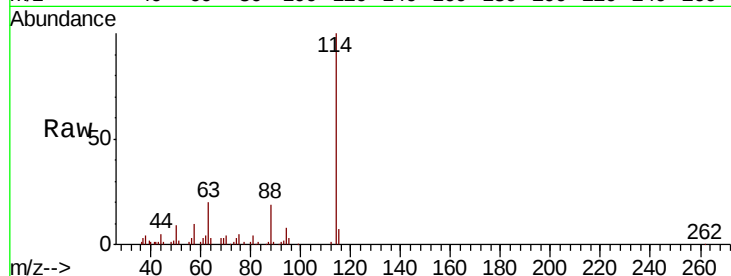
Tot Ion:114 Resp: 90538

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

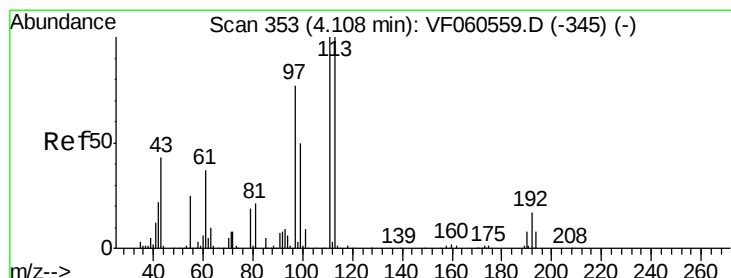
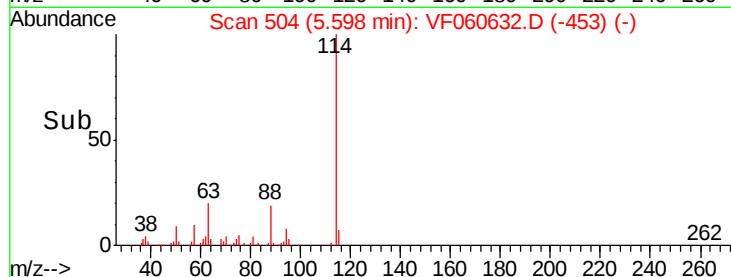
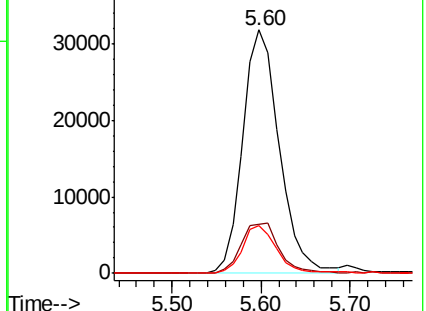
88 19.4 0.0 38.2



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: 28.498 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF060632.D

Acq: 7 Nov 2018 16:45

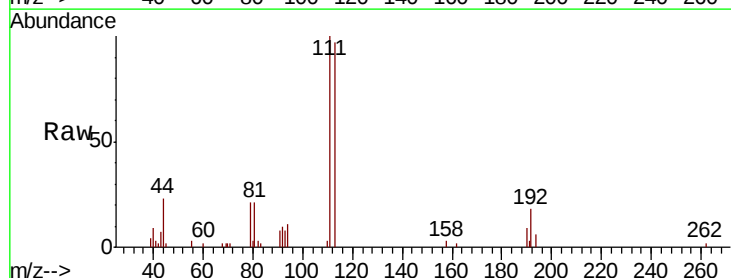
Tgt Ion:113 Resp: 19934

Ion Ratio Lower Upper

113 100

111 103.0 79.9 119.9

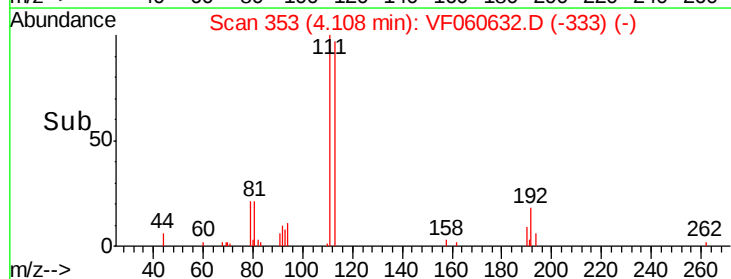
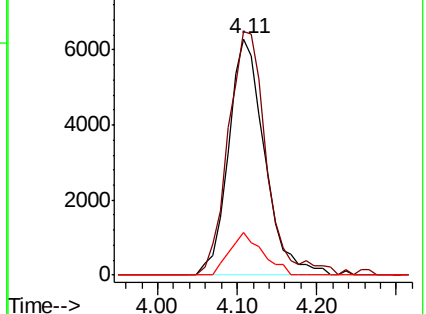
192 18.2 13.3 19.9



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: 41.889 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF060632.D

Acq: 7 Nov 2018 16:45

Instrument :

MSVOA_F

ClientSampleId :

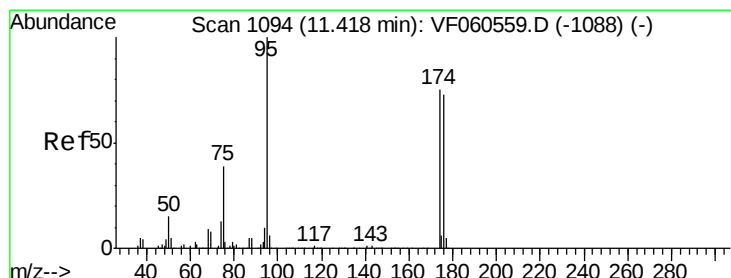
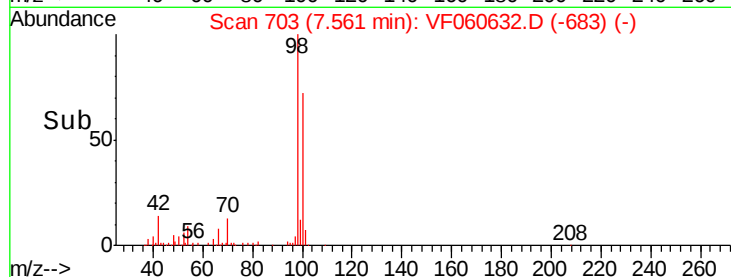
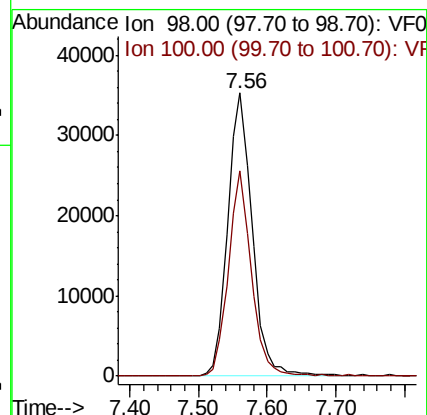
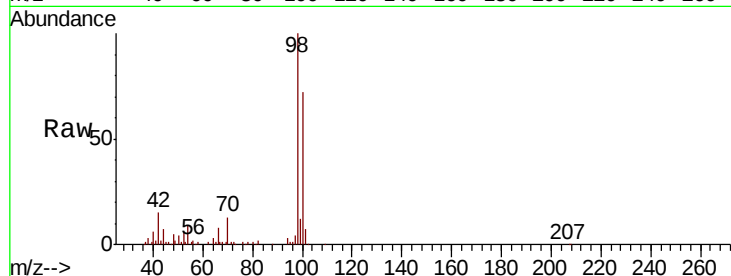
BES48_SB03_3.5-4.0

Tot Ion: 98 Resp: 86798

Ion Ratio Lower Upper

98 100

100 72.4 59.4 89.2



#62

4-Bromofluorobenzene

Concen: 22.100 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF060632.D

Acq: 7 Nov 2018 16:45

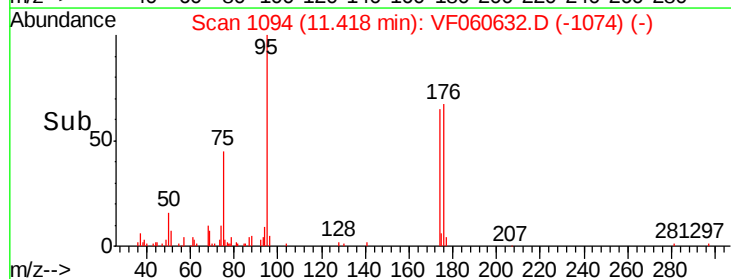
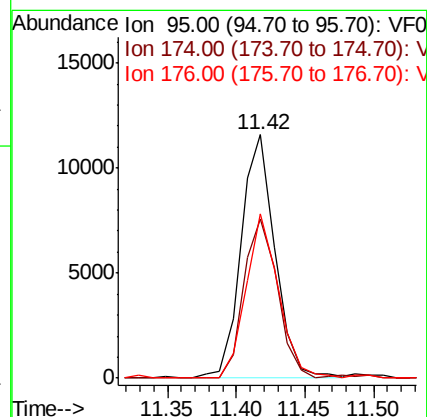
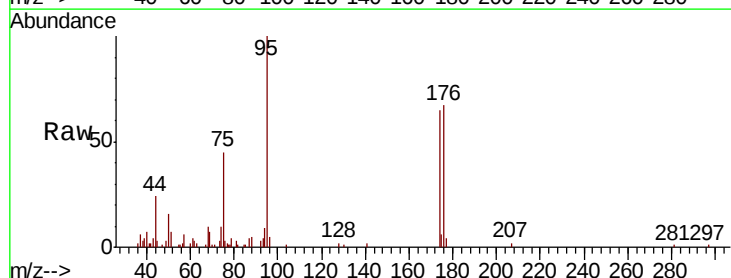
Tgt Ion: 95 Resp: 20031

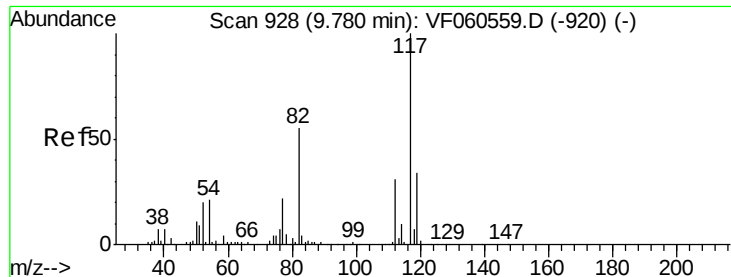
Ion Ratio Lower Upper

95 100

174 65.2 0.0 149.0

176 67.2 0.0 145.6

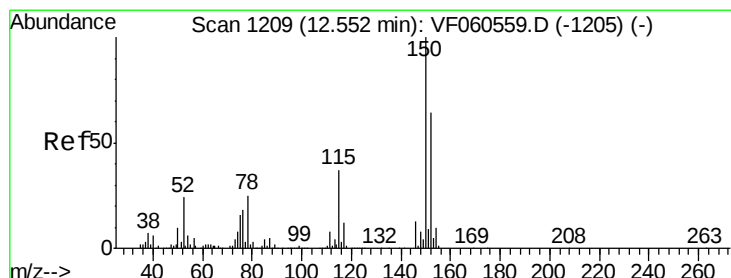
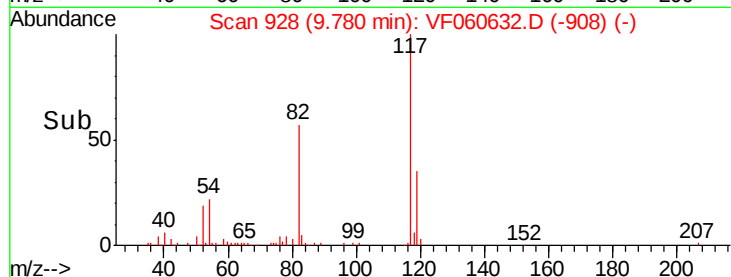
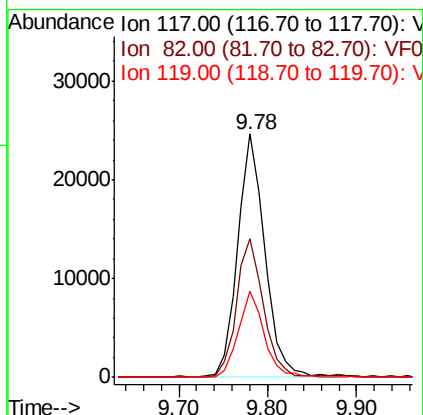
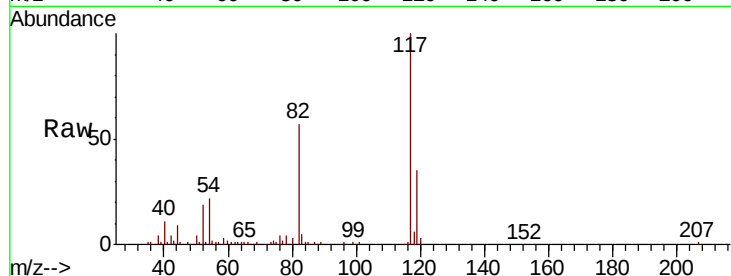




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF060632.D
Acq: 7 Nov 2018 16:45

Instrument :
MSVOA_F
ClientSampleId :
BES48_SB03_3.5-4.0

Tot Ion:117 Resp: 52612
Ion Ratio Lower Upper
117 100
82 57.0 43.9 65.9
119 35.4 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: VF060632.D
Acq: 7 Nov 2018 16:45

Tgt Ion:152 Resp: 15025
Ion Ratio Lower Upper
152 100
115 63.9 29.6 88.8
150 170.0 0.0 315.6

