

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060656.D
 Acq On : 8 Nov 2018 18:17
 Operator : VA/AP
 Sample : J5858-03
 Misc : 5.11g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-8-S

Quant Time: Nov 09 13:37:17 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

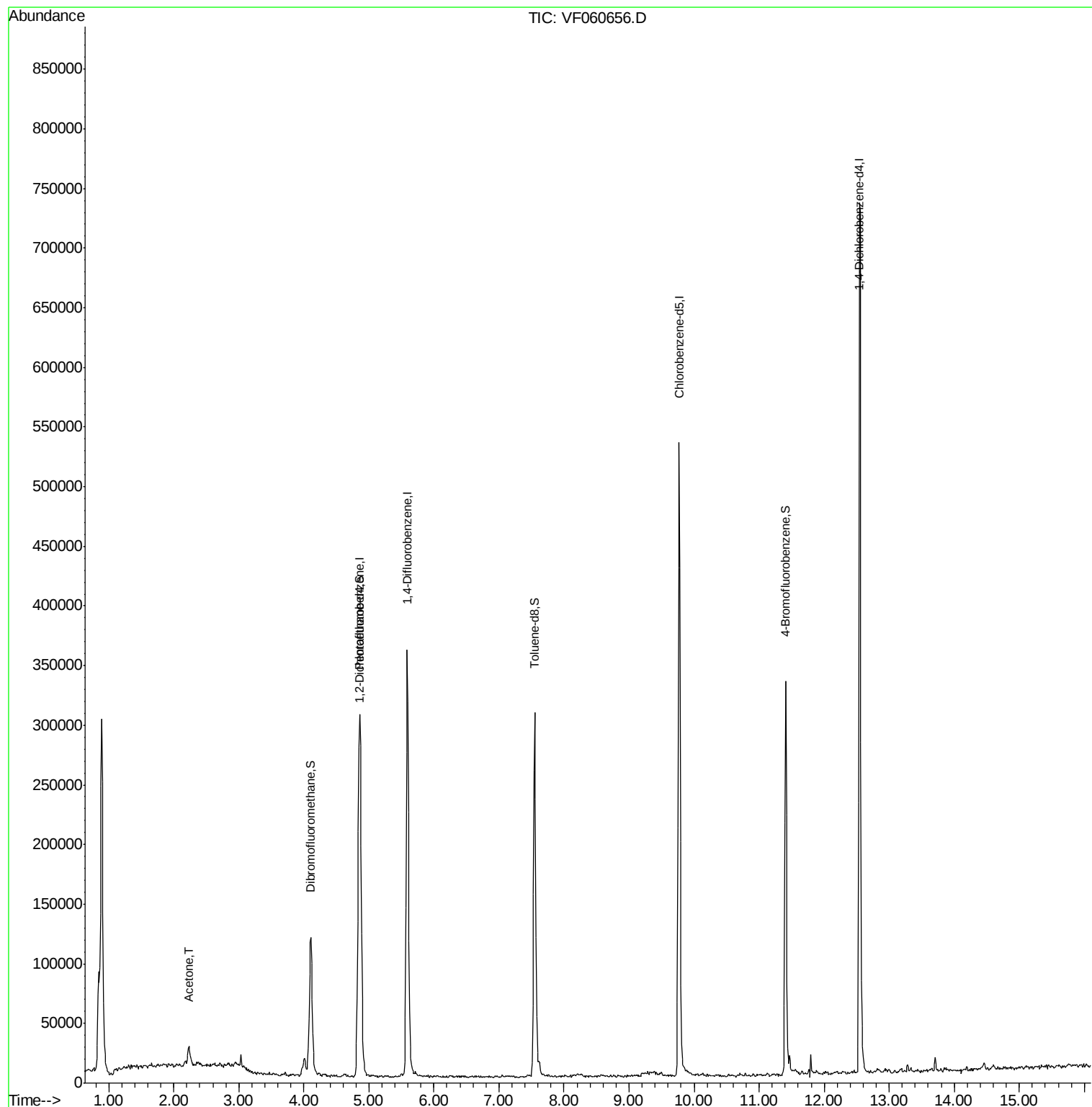
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	248836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	402909	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	392744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	204423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	90131	35.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.70%	
35) Dibromofluoromethane	4.11	113	113945	36.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.20%	
50) Toluene-d8	7.55	98	254484	27.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.20%	
62) 4-Bromofluorobenzene	11.41	95	130728	32.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.82%	
Target Compounds						
16) Acetone	2.23	43	25307	42.717	ug/l #	Qvalue 91

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

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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: VF060656.D

Acq: 8 Nov 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

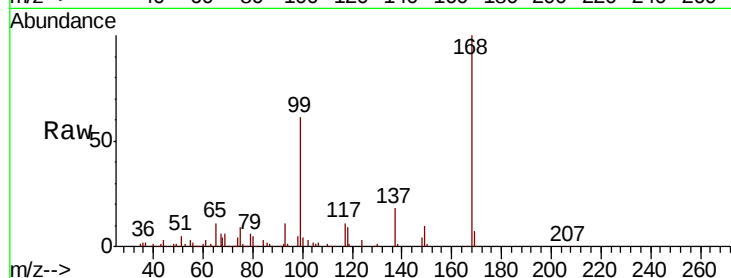
SB-8-S

Tot Ion:168 Resp: 248836

Ion Ratio Lower Upper

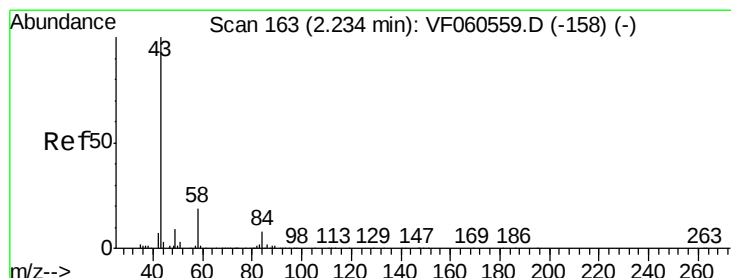
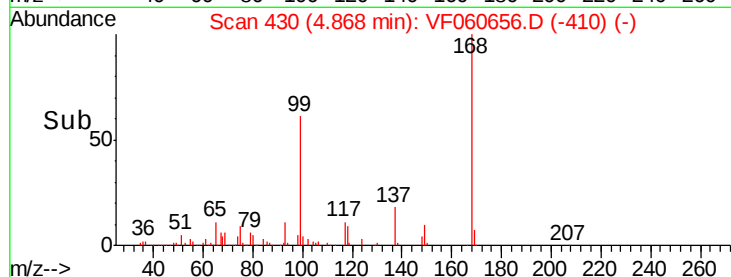
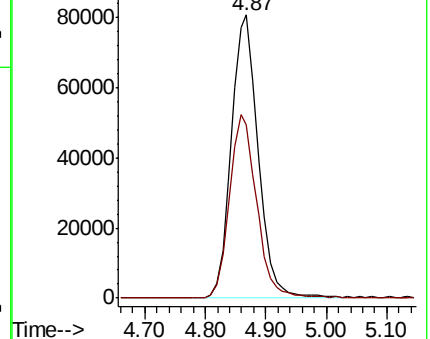
168 100

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



#16

Acetone

Concen: 42.717 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060656.D

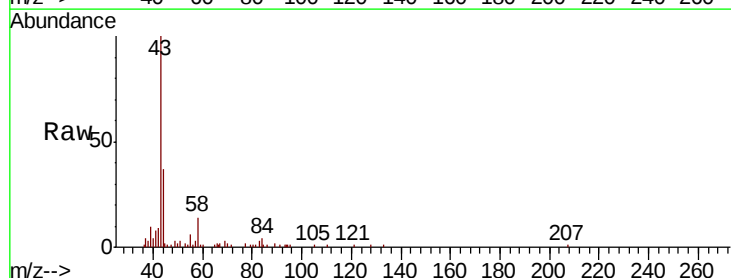
Acq: 8 Nov 2018 18:17

Tgt Ion: 43 Resp: 25307

Ion Ratio Lower Upper

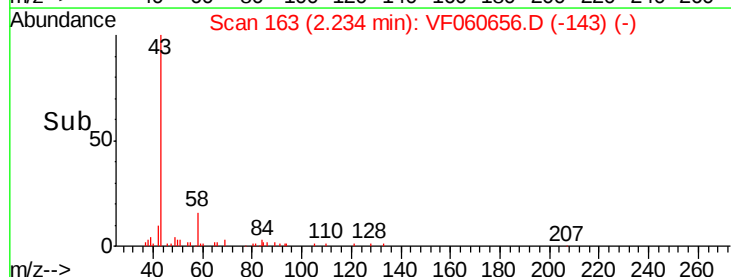
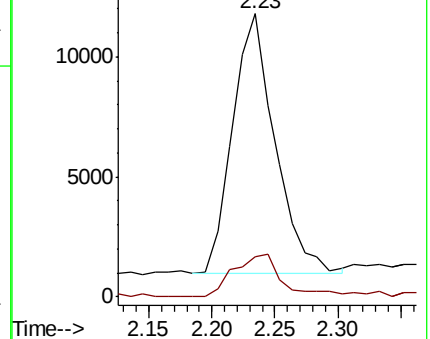
43 100

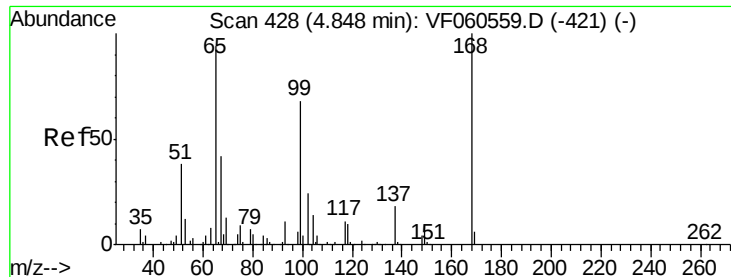
58 14.2 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 35.849 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060656.D

Acq: 8 Nov 2018 18:17

Instrument :

MSVOA_F

ClientSampled :

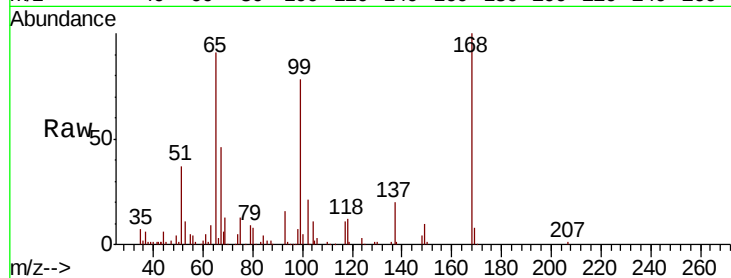
SB-8-S

Tot Ion: 65 Resp: 90131

Ion Ratio Lower Upper

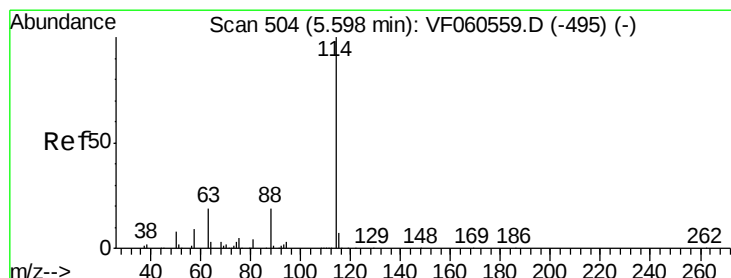
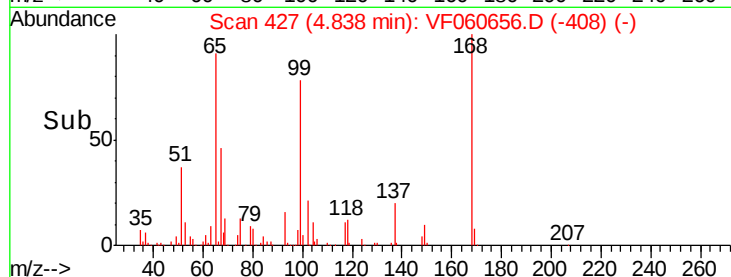
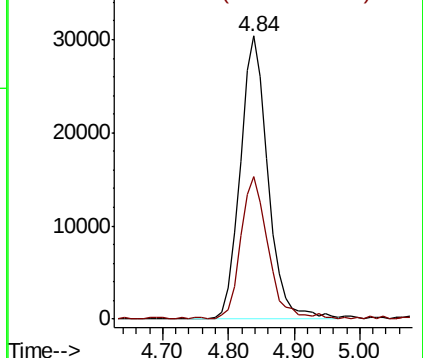
65 100

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: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF060656.D

Acq: 8 Nov 2018 18:17

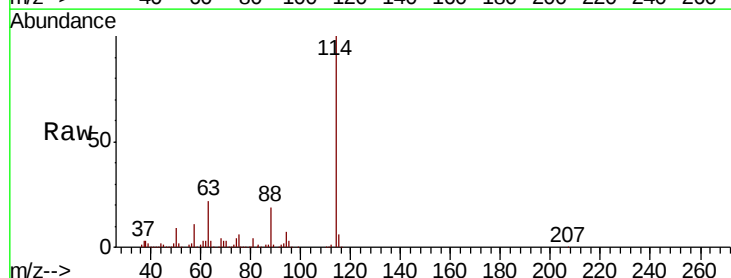
Tgt Ion: 114 Resp: 402909

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.0

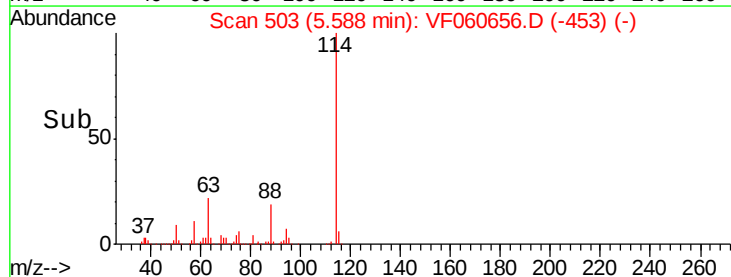
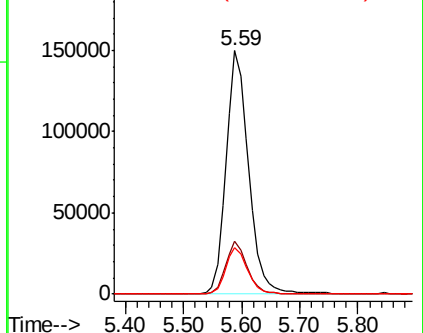
88 19.2 0.0 38.2

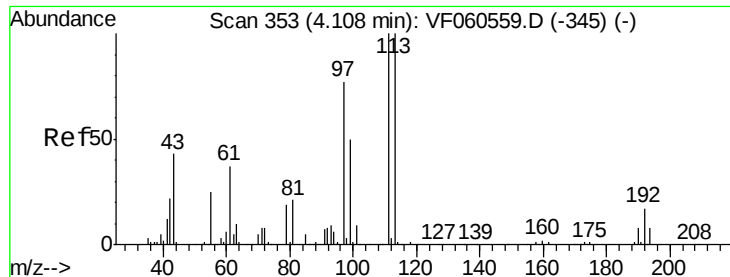


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 36.605 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060656.D

Acq: 8 Nov 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

SB-8-S

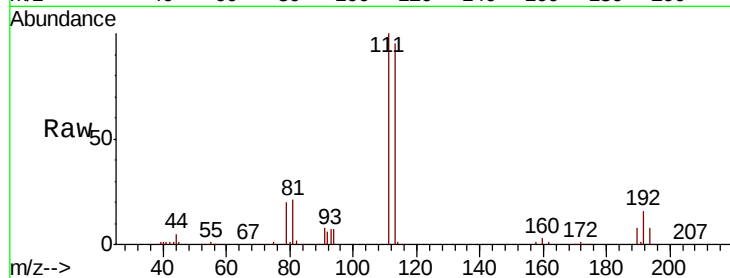
Tot Ion:113 Resp: 113945

Ion Ratio Lower Upper

113 100

111 105.2 79.9 119.9

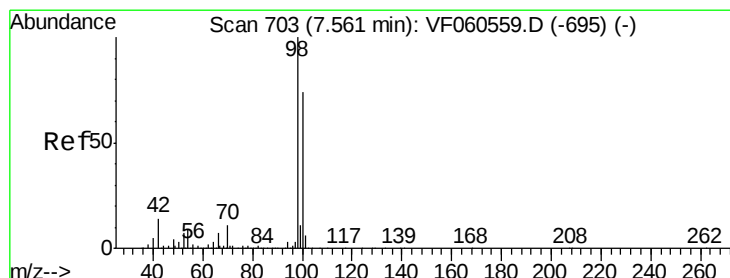
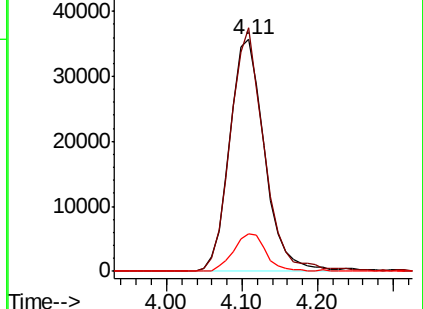
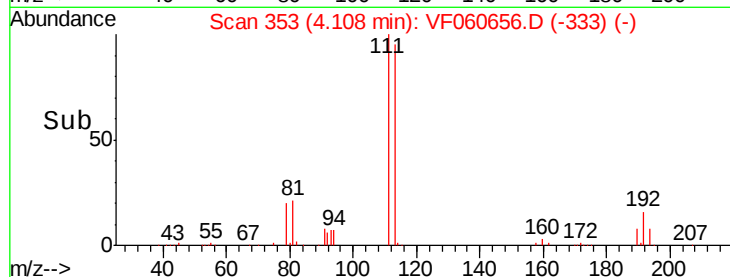
192 16.4 13.3 19.9



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: 27.598 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060656.D

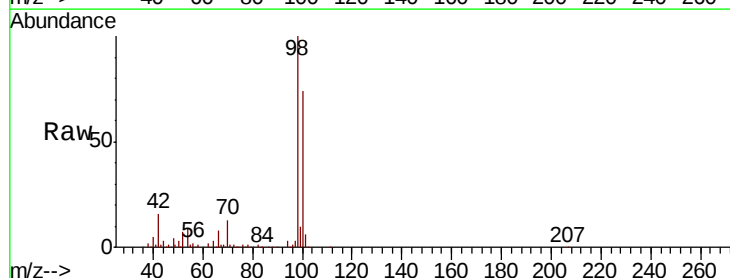
Acq: 8 Nov 2018 18:17

Tgt Ion: 98 Resp: 254484

Ion Ratio Lower Upper

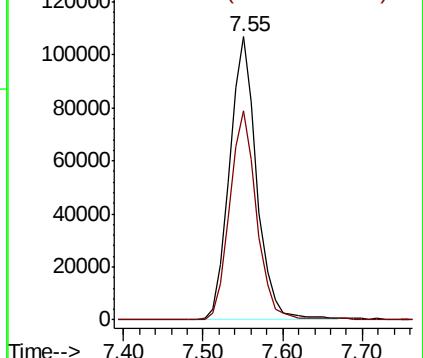
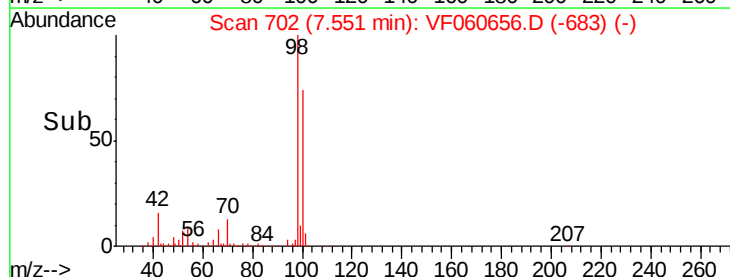
98 100

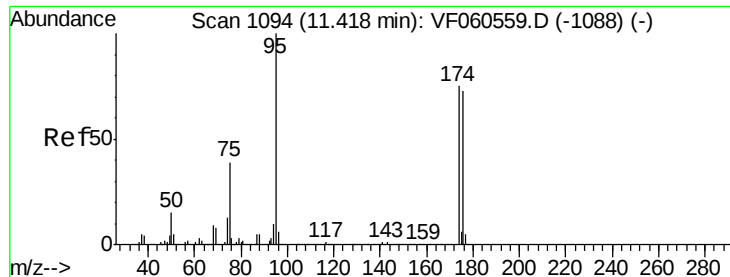
100 74.0 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 32.411 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF060656.D

Acq: 8 Nov 2018 18:17

Instrument :

MSVOA_F

ClientSampleID :

SB-8-S

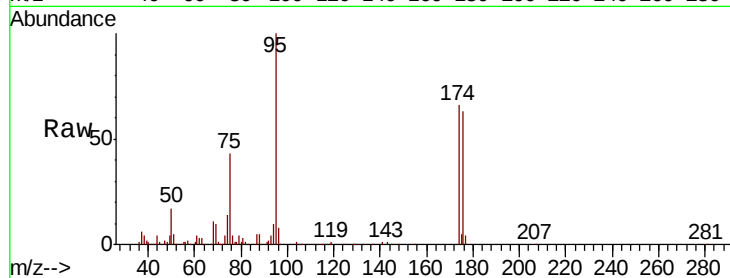
Tot Ion: 95 Resp: 130728

Ion Ratio Lower Upper

95 100

174 66.2 0.0 149.0

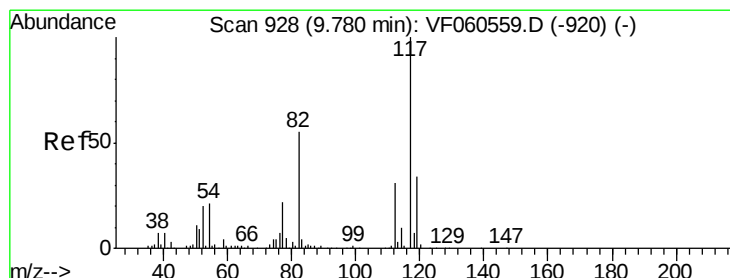
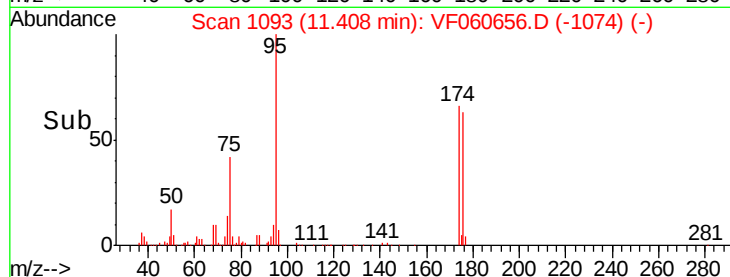
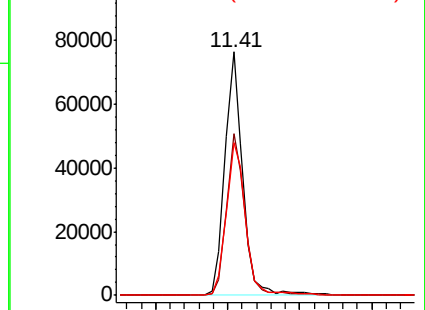
176 63.0 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF060656.D

Acq: 8 Nov 2018 18:17

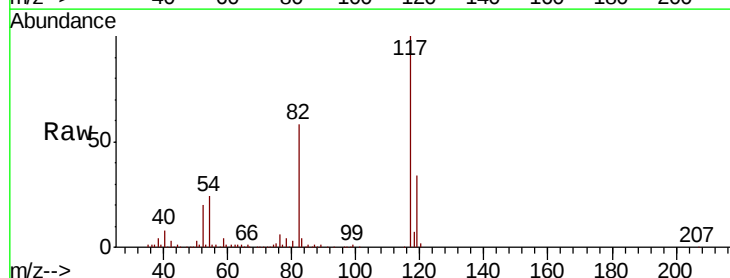
Tgt Ion: 117 Resp: 392744

Ion Ratio Lower Upper

117 100

82 58.0 43.9 65.9

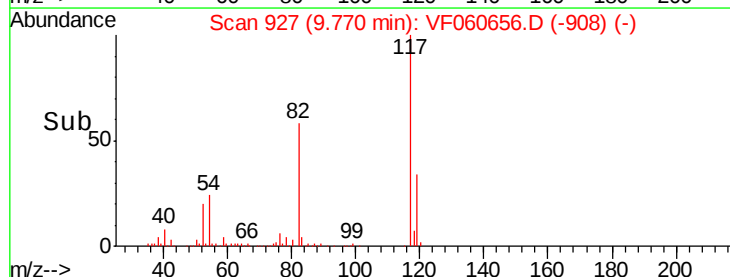
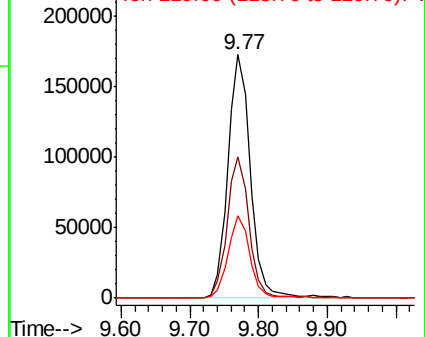
119 33.8 27.4 41.0

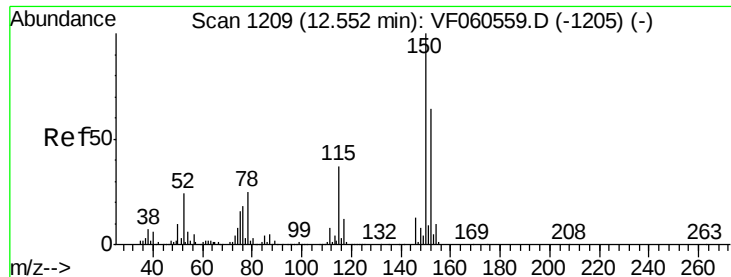


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF060656.D

Acq: 8 Nov 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

SB-8-S

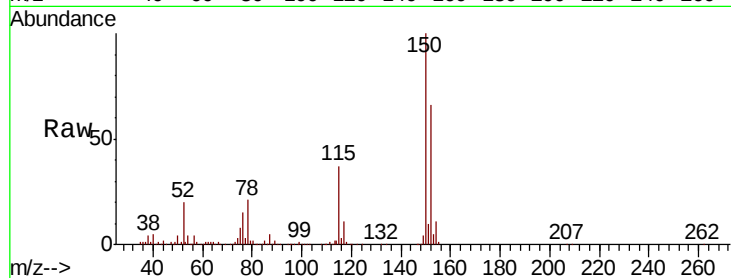
Tot Ion:152 Resp: 204423

Ion Ratio Lower Upper

152 100

115 55.9 29.6 88.8

150 152.3 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

