

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060587.D
 Acq On : 5 Nov 2018 22:35
 Operator : VA/AP
 Sample : J5741-55RE
 Misc : 6.94/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-14RE

Quant Time: Nov 06 07:31:27 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

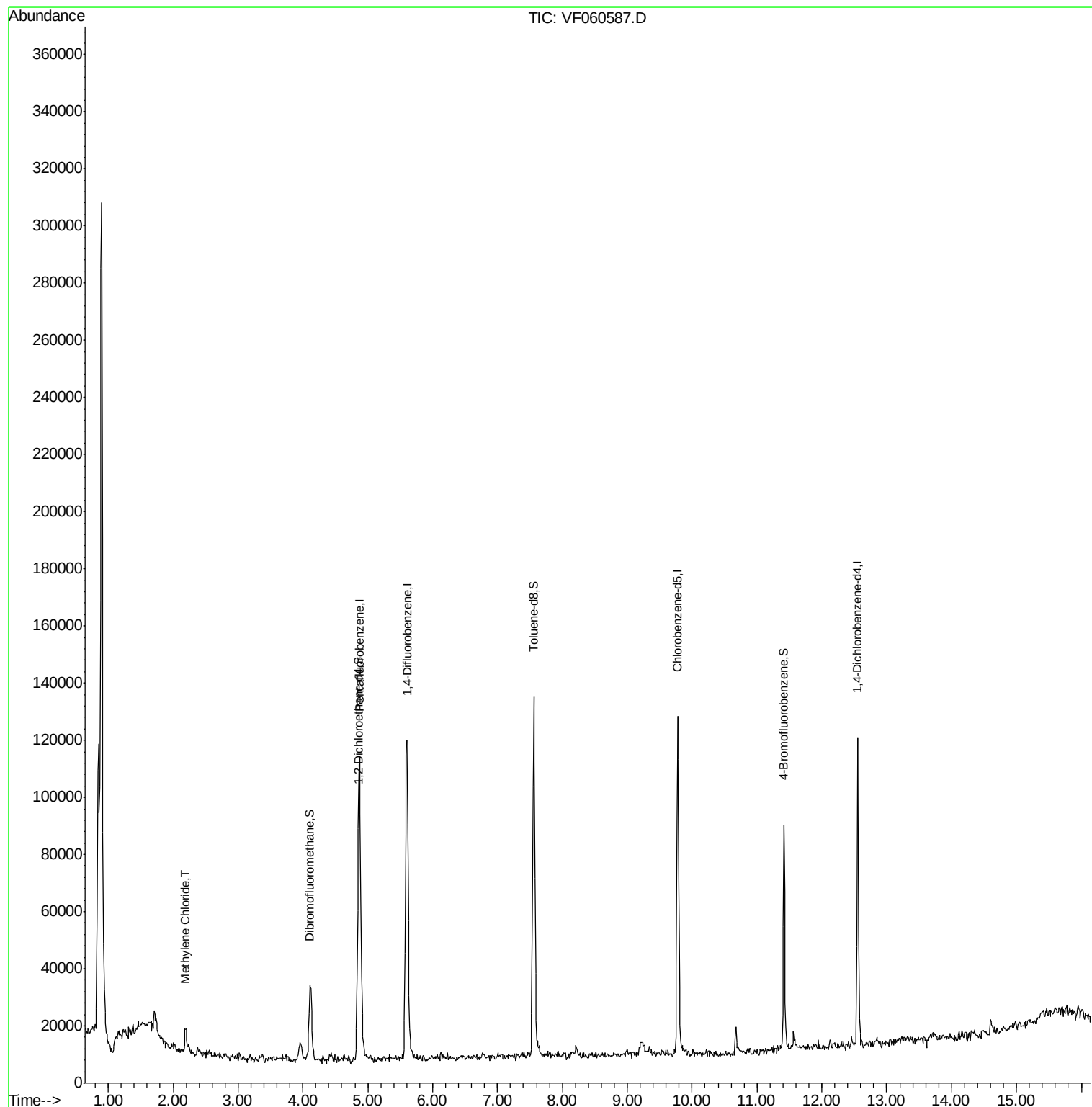
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	100474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	135139	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	88501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	27549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	17537	17.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.56%	
35) Dibromofluoromethane	4.11	113	25667	24.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.16%	
50) Toluene-d8	7.56	98	109597	35.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.88%	
62) 4-Bromofluorobenzene	11.41	95	29958	22.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.28%	
Target Compounds						
20) Methylene Chloride	2.19	84	5721	2.921	ug/l #	72

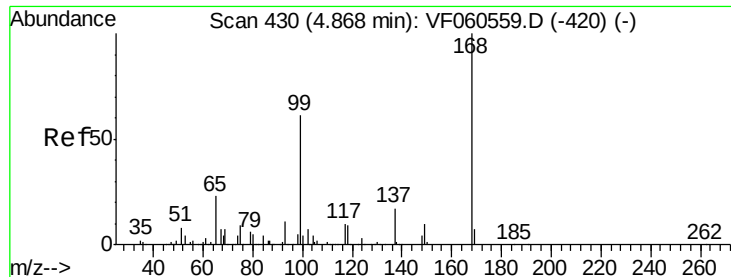
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VF060587.D

Acq: 5 Nov 2018 22:35

Instrument :

MSVOA_F

ClientSampleId :

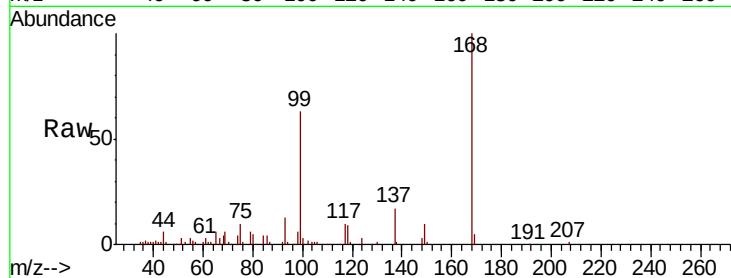
TP-14RE

Tot Ion:168 Resp: 100474

Ion Ratio Lower Upper

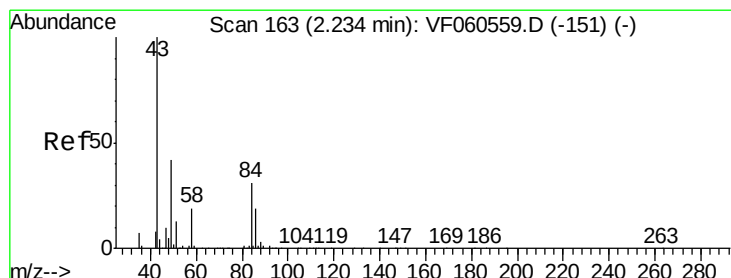
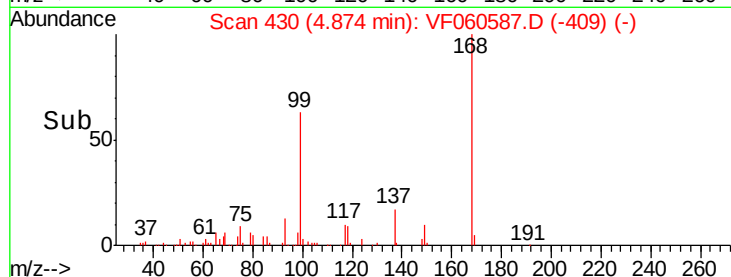
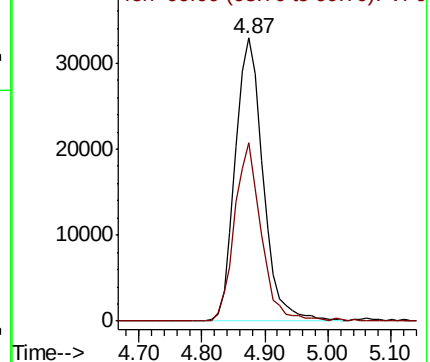
168 100

99 62.9 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 2.921 ug/l

RT: 2.19 min Scan# 158

Delta R.T. -0.04 min

Lab File: VF060587.D

Acq: 5 Nov 2018 22:35

Tgt Ion: 84 Resp: 5721

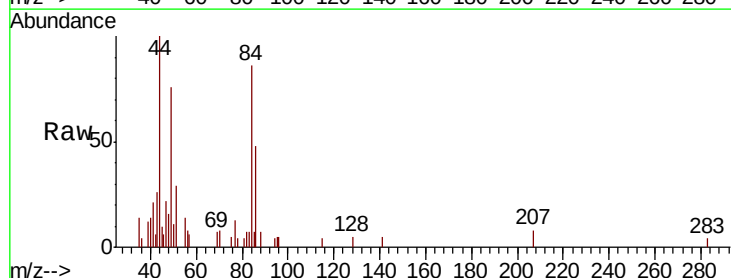
Ion Ratio Lower Upper

84 100

49 87.8 109.9 164.9#

51 33.8 35.8 53.8#

86 55.3 48.3 72.5

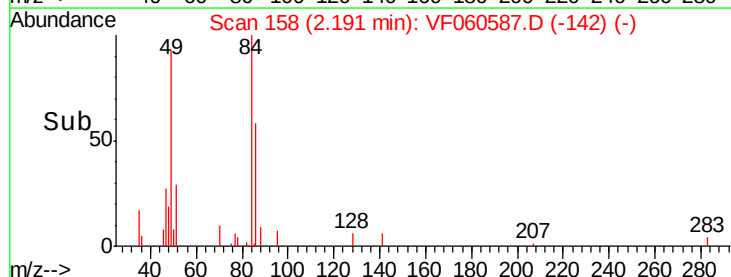
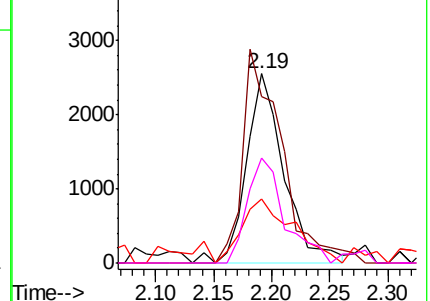


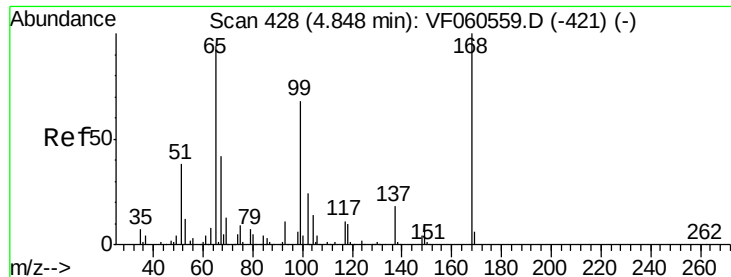
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

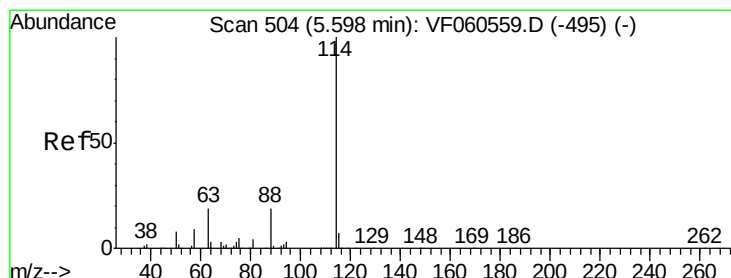
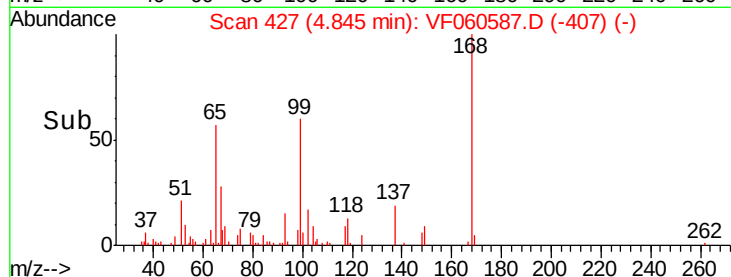
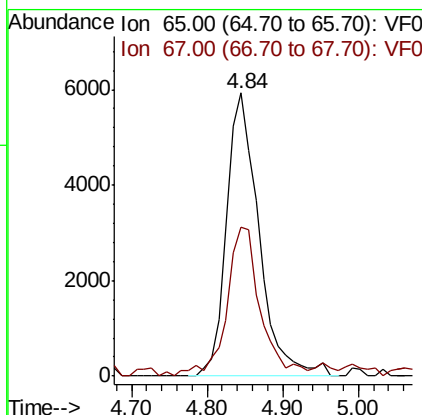
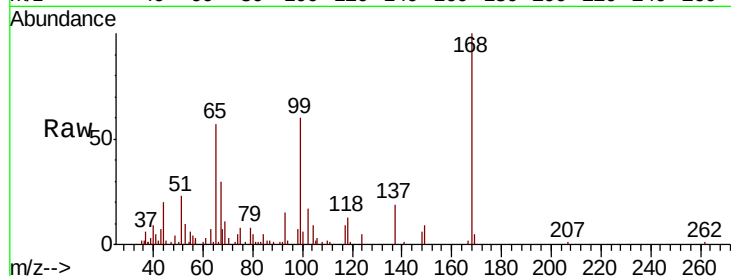




#33
 1,2-Dichloroethane-d4
 Concen: 17.275 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: VF060587.D
 Acq: 5 Nov 2018 22:35

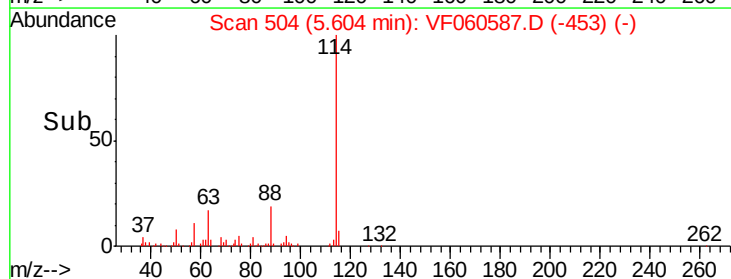
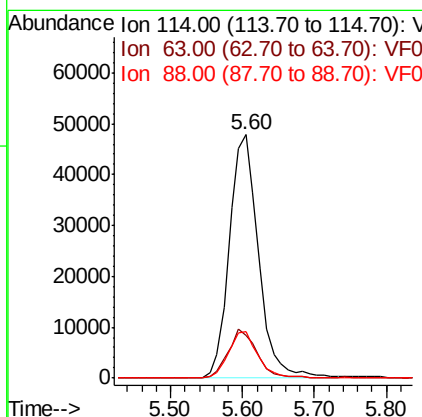
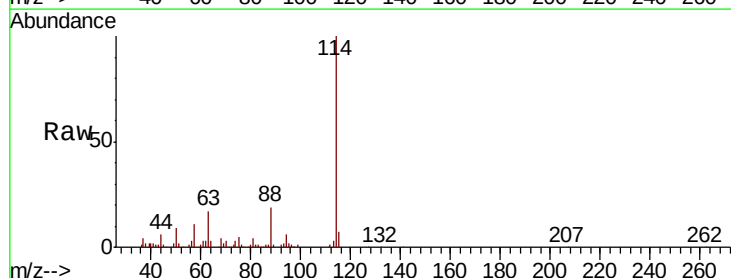
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-14RE

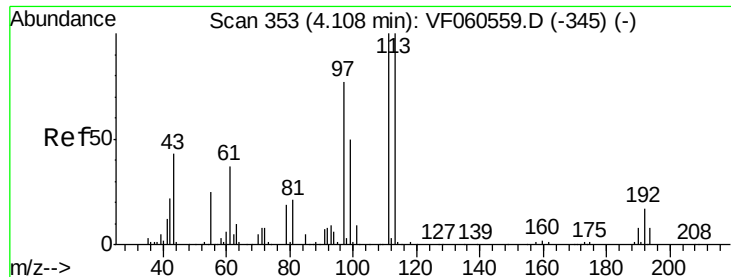
Tot Ion: 65 Resp: 17537
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF060587.D
 Acq: 5 Nov 2018 22:35

Tgt Ion: 114 Resp: 135139
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.0
 88 18.9 0.0 38.2





#35

Dibromofluoromethane

Concen: 24.583 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF060587.D

Acq: 5 Nov 2018 22:35

Instrument :

MSVOA_F

ClientSampled :

TP-14RE

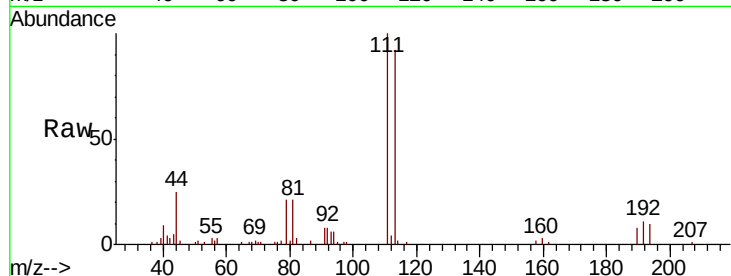
Tot Ion:113 Resp: 25667

Ion Ratio Lower Upper

113 100

111 108.6 79.9 119.9

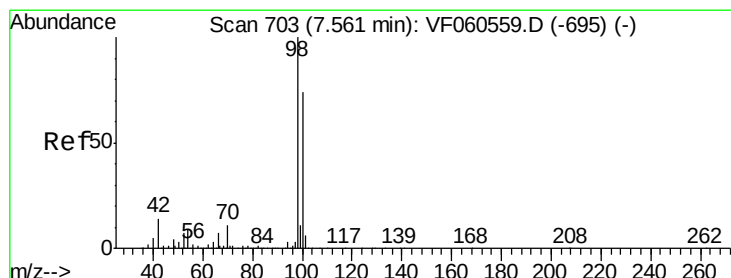
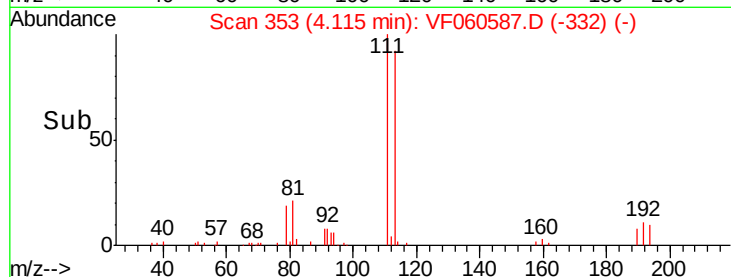
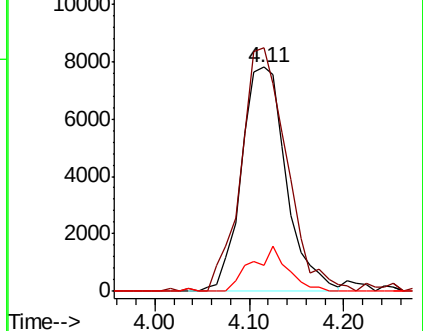
192 11.9 13.3 19.9#



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: 35.435 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF060587.D

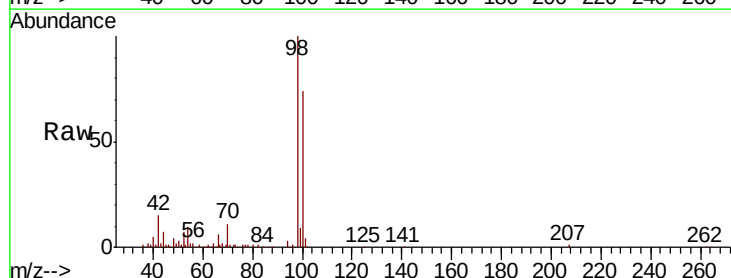
Acq: 5 Nov 2018 22:35

Tgt Ion: 98 Resp: 109597

Ion Ratio Lower Upper

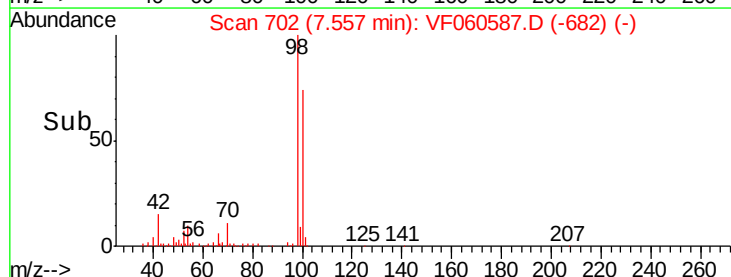
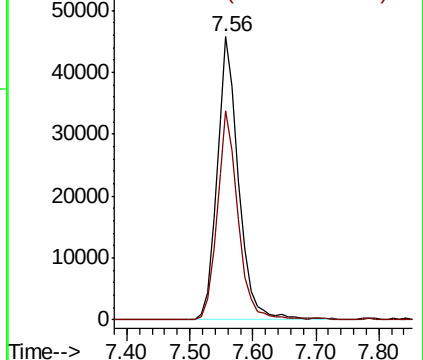
98 100

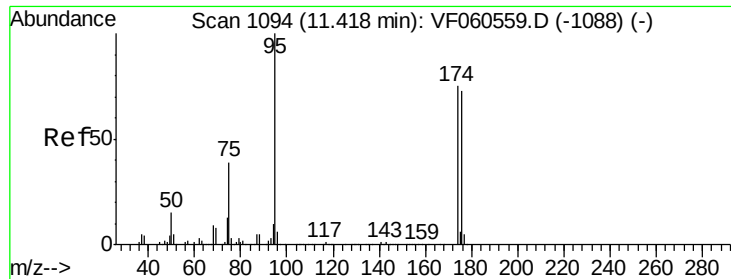
100 73.7 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 22.144 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF060587.D

Acq: 5 Nov 2018 22:35

Instrument :

MSVOA_F

ClientSampleId :

TP-14RE

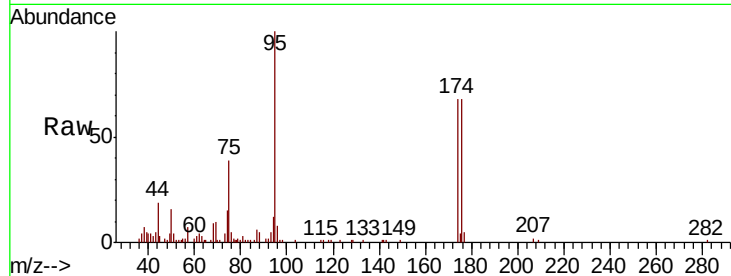
Tot Ion: 95 Resp: 29958

Ion Ratio Lower Upper

95 100

174 68.2 0.0 149.0

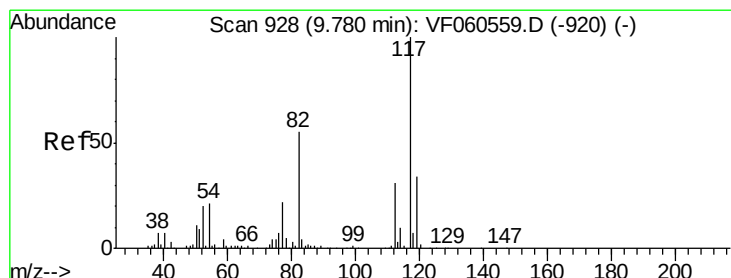
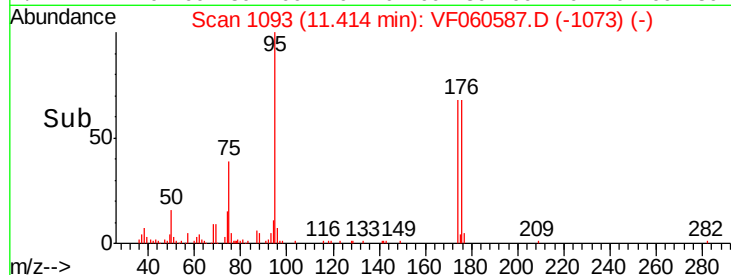
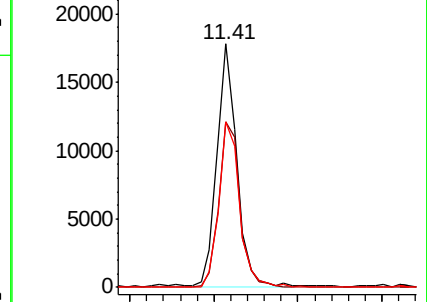
176 68.1 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 927

Delta R.T. -0.00 min

Lab File: VF060587.D

Acq: 5 Nov 2018 22:35

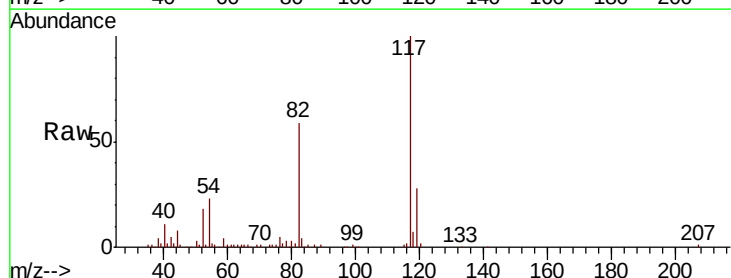
Tgt Ion: 117 Resp: 88501

Ion Ratio Lower Upper

117 100

82 59.0 43.9 65.9

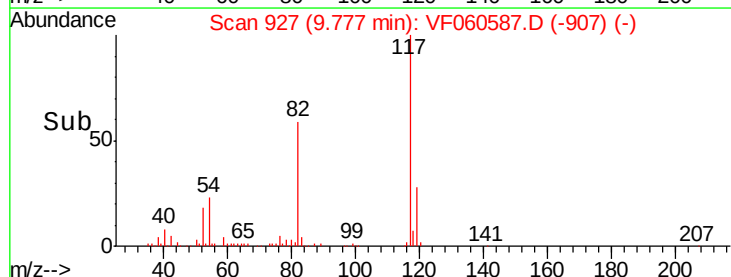
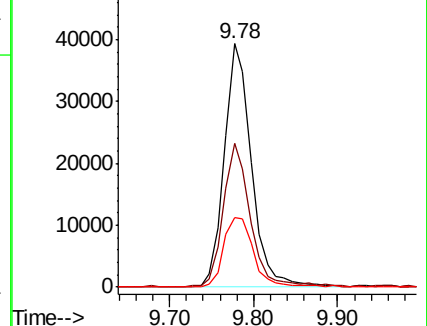
119 28.4 27.4 41.0

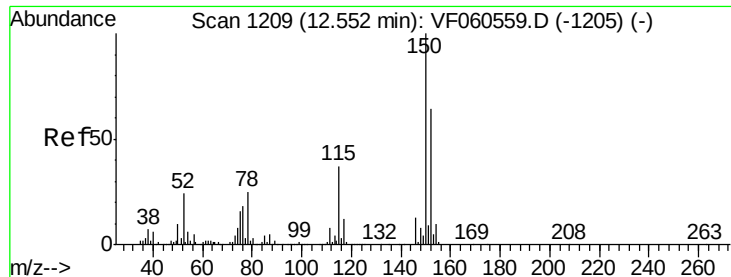


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF060587.D

Acq: 5 Nov 2018 22:35

Instrument :

MSVOA_F

ClientSampleId :

TP-14RE

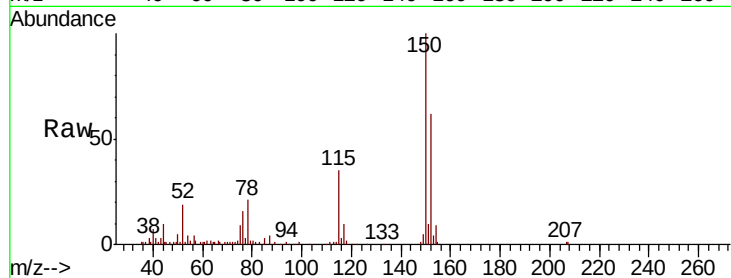
Tot Ion:152 Resp: 27549

Ion Ratio Lower Upper

152 100

115 57.3 29.6 88.8

150 162.2 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

