

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060787.D
 Acq On : 19 Nov 2018 20:30
 Operator : VA/AP
 Sample : J5950-03
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-03

Quant Time: Nov 20 03:02:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

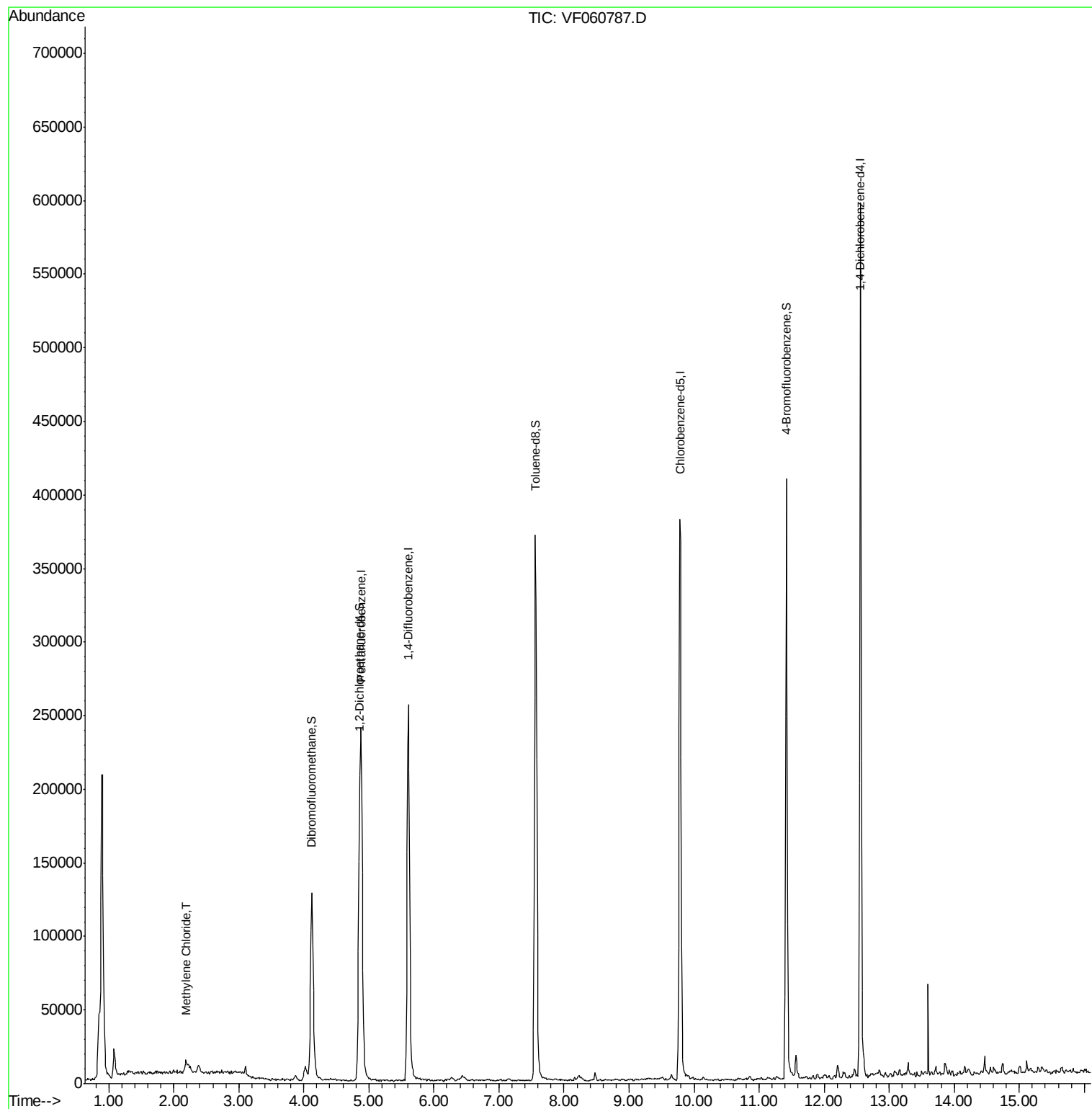
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	180278	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	292807	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	283383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	163697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	105810	51.46	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	4.12	113	122308	55.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.14%	
50) Toluene-d8	7.56	98	313831	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
62) 4-Bromofluorobenzene	11.42	95	153020	59.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.04%	
Target Compounds						
20) Methylene Chloride	2.18	84	5681	1.091	ug/l #	71

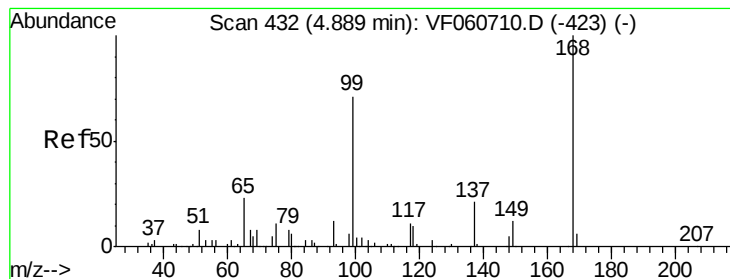
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060787.D

Acq: 19 Nov 2018 20:30

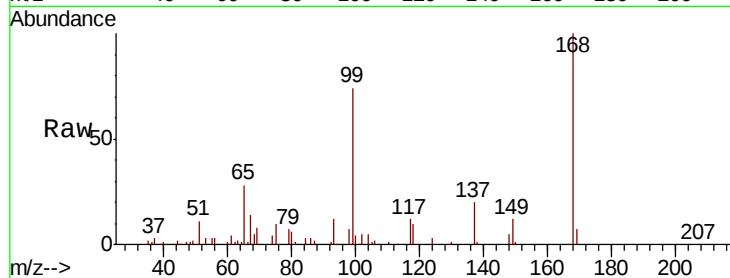
Instrument :
MSVOA_F
ClientSampleId :
SSI-03

Tot Ion:168 Resp: 180278

Ion Ratio Lower Upper

168 100

99 73.5 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

60000

40000

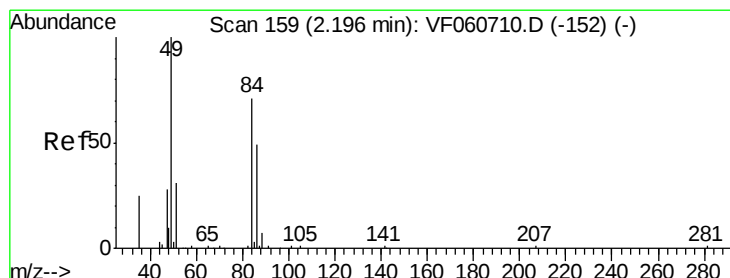
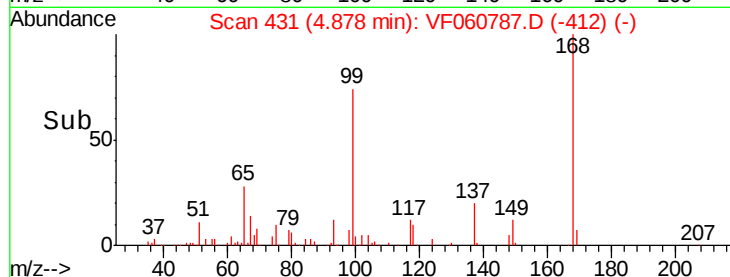
20000

0

4.88

4.70 4.80 4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.091 ug/l

RT: 2.18 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060787.D

Acq: 19 Nov 2018 20:30

Tgt Ion: 84 Resp: 5681

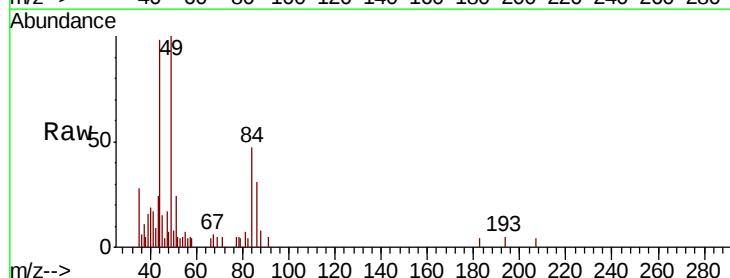
Ion Ratio Lower Upper

84 100

49 210.9 120.2 180.4#

51 50.0 37.2 55.8

86 65.6 55.1 82.7



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

4000

3000

2000

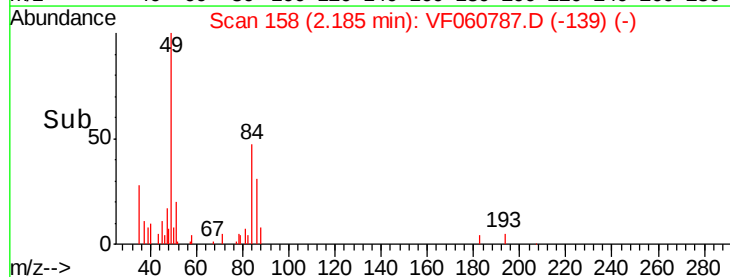
1000

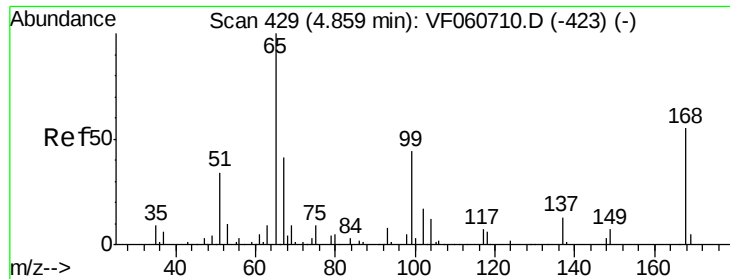
0

2.18

2.10 2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.457 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060787.D

Acq: 19 Nov 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

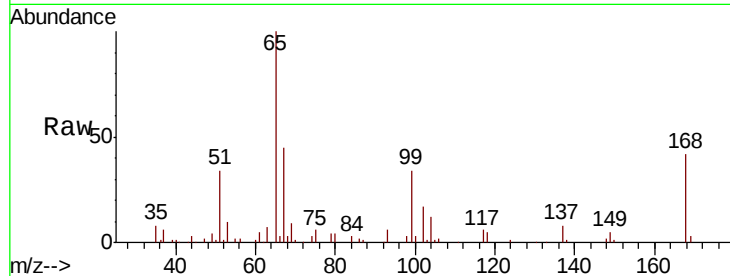
SSI-03

Tot Ion: 65 Resp: 105810

Ion Ratio Lower Upper

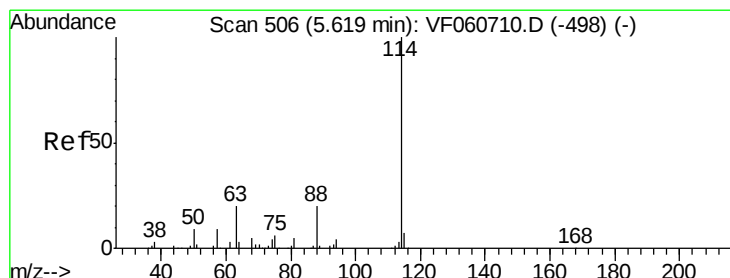
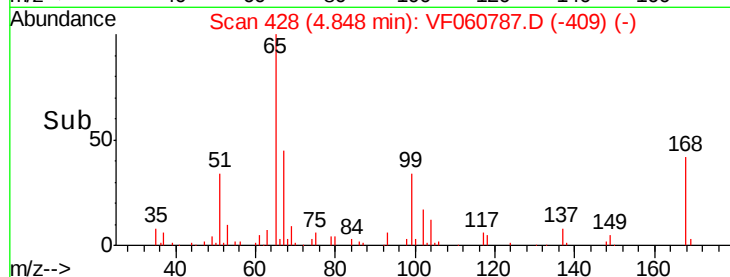
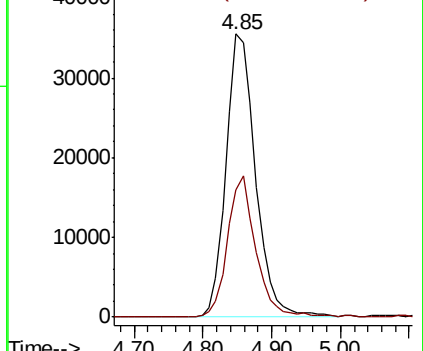
65 100

67 45.0 0.0 90.2



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: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060787.D

Acq: 19 Nov 2018 20:30

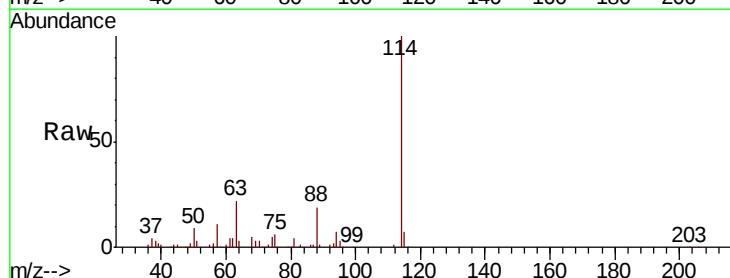
Tgt Ion: 114 Resp: 292807

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

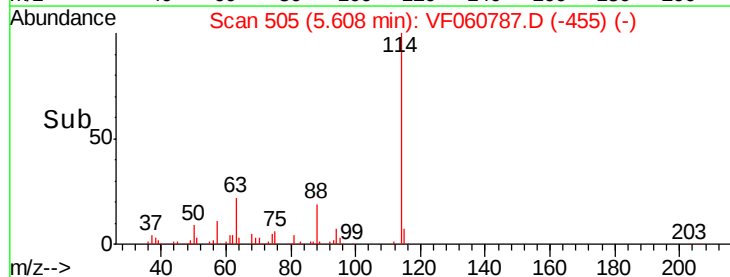
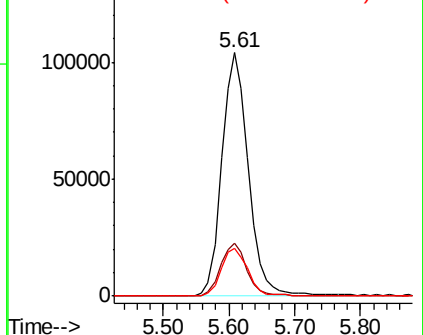
88 19.5 0.0 39.6

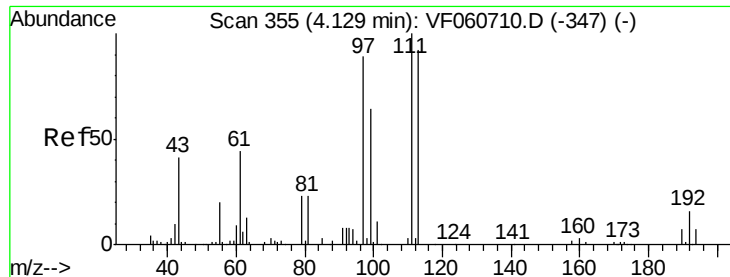


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

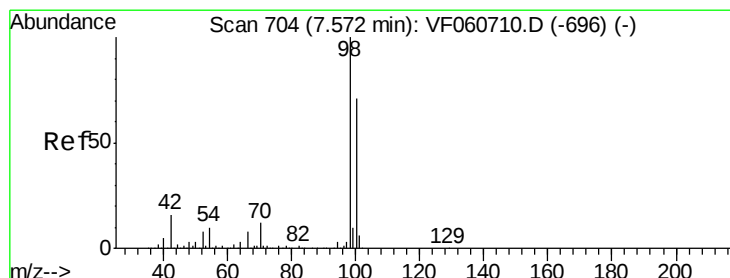
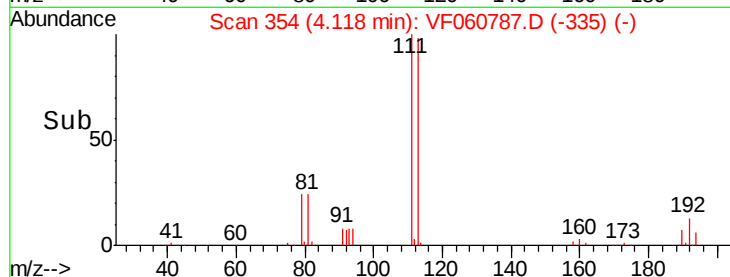
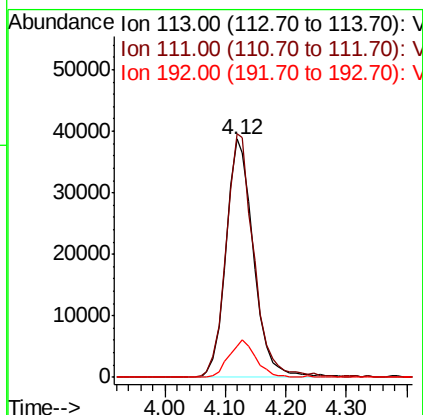
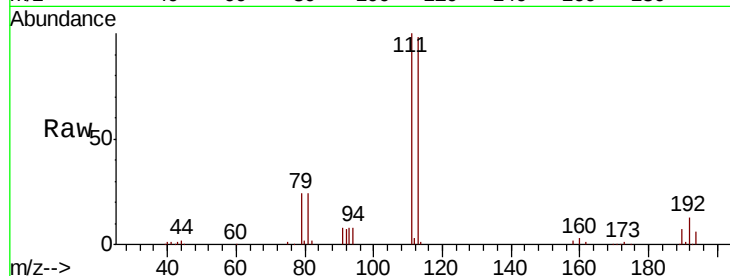




#35
 Dibromofluoromethane
 Concen: 55.569 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VF060787.D
 Acq: 19 Nov 2018 20:30

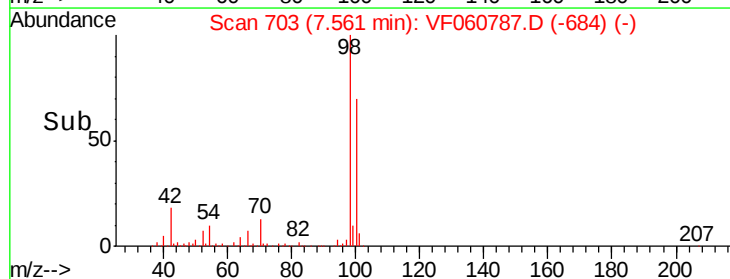
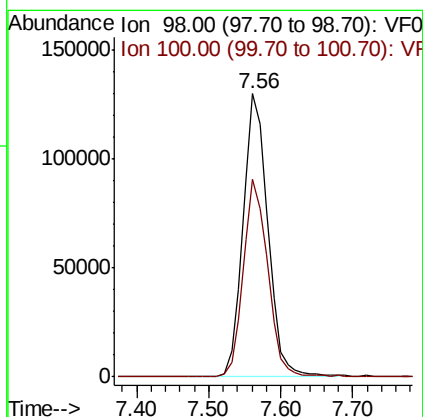
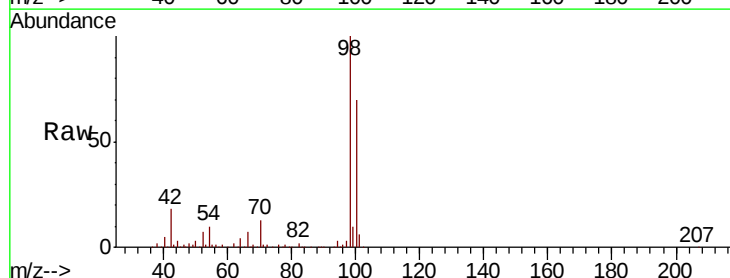
Instrument :
 MSVOA_F
 ClientSampled :
 SSI-03

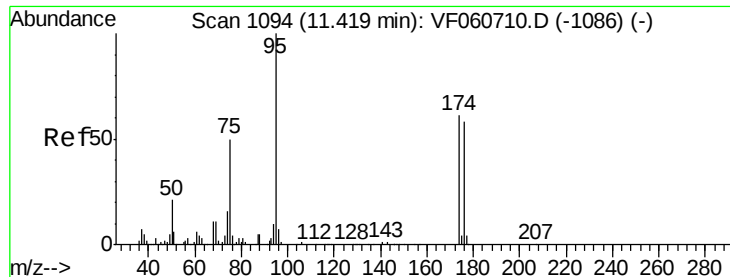
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	87.1	130.7
192	13.3	13.8	20.6



#50
 Toluene-d8
 Concen: 56.006 ug/l
 RT: 7.56 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VF060787.D
 Acq: 19 Nov 2018 20:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.9	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 59.519 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF060787.D

Acq: 19 Nov 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

SSI-03

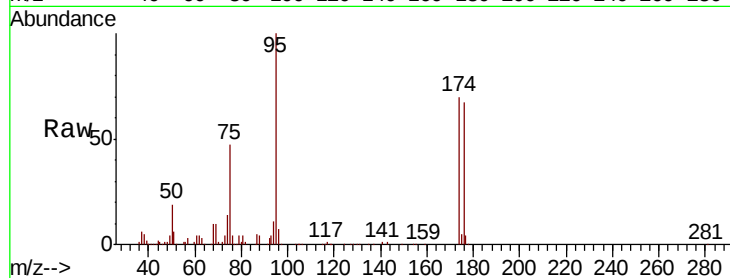
Tot Ion: 95 Resp: 153020

Ion Ratio Lower Upper

95 100

174 70.0 0.0 121.6

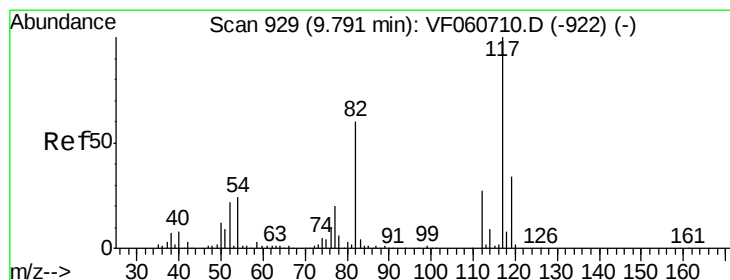
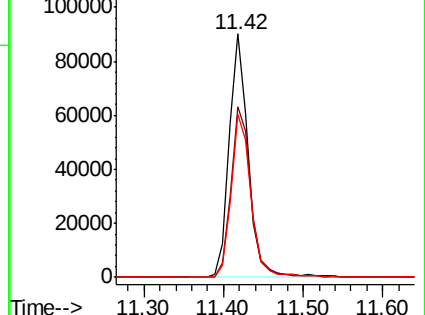
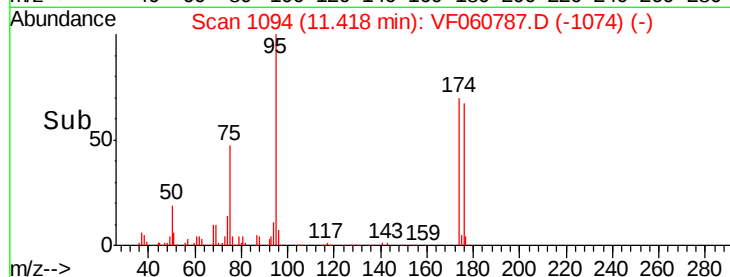
176 66.7 0.0 115.2



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: 9.79 min Scan# 929

Delta R.T. -0.00 min

Lab File: VF060787.D

Acq: 19 Nov 2018 20:30

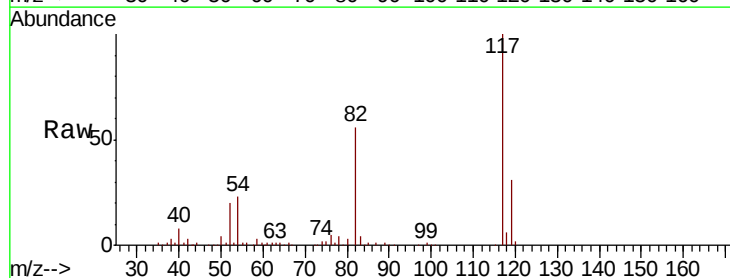
Tgt Ion: 117 Resp: 283383

Ion Ratio Lower Upper

117 100

82 56.2 47.9 71.9

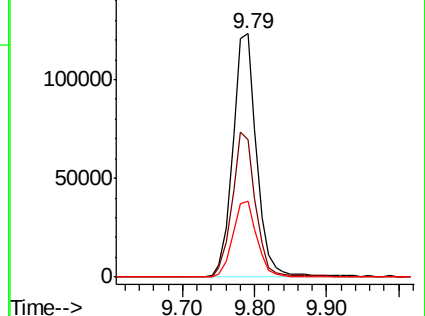
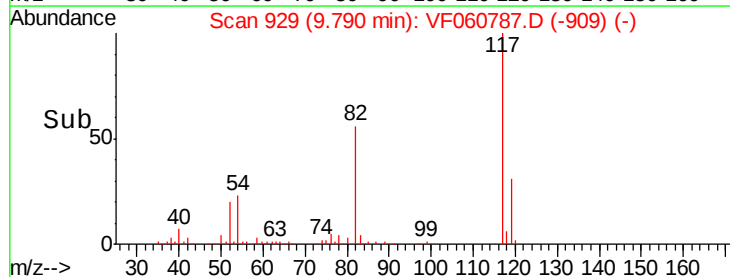
119 31.3 26.8 40.2

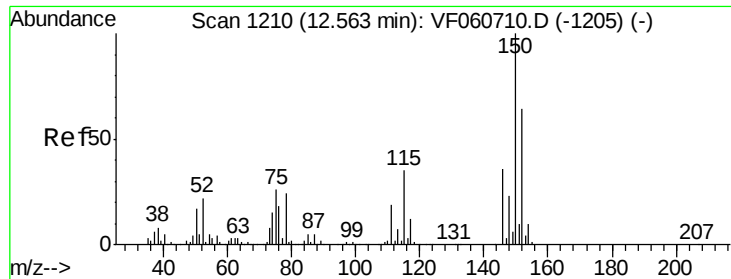


Abundance Ion 117.00 (116.70 to 117.70): VF0

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# 1210

Delta R.T. -0.00 min

Lab File: VF060787.D

Acq: 19 Nov 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

SSI-03

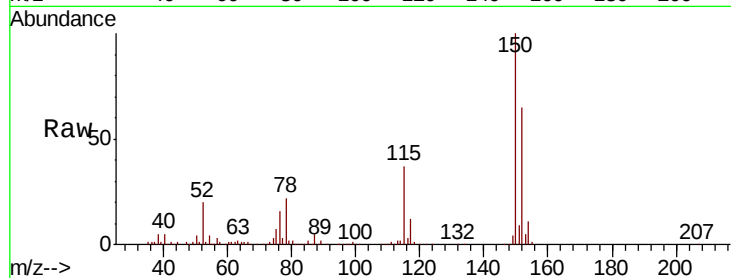
Tot Ion:152 Resp: 163697

Ion Ratio Lower Upper

152 100

115 56.7 27.9 83.7

150 154.7 0.0 316.4



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

