

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059996.D
 Acq On : 18 Aug 2018 2:46
 Operator : VA/AP
 Sample : J4511-07
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-NSW-45-029

Quant Time: Aug 18 03:42:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	112348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	151876	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	136029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	57648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	115097	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	4.30	113	94944	61.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.34%	
50) Toluene-d8	7.73	98	145258	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
62) 4-Bromofluorobenzene	11.52	95	66529	31.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.82%	

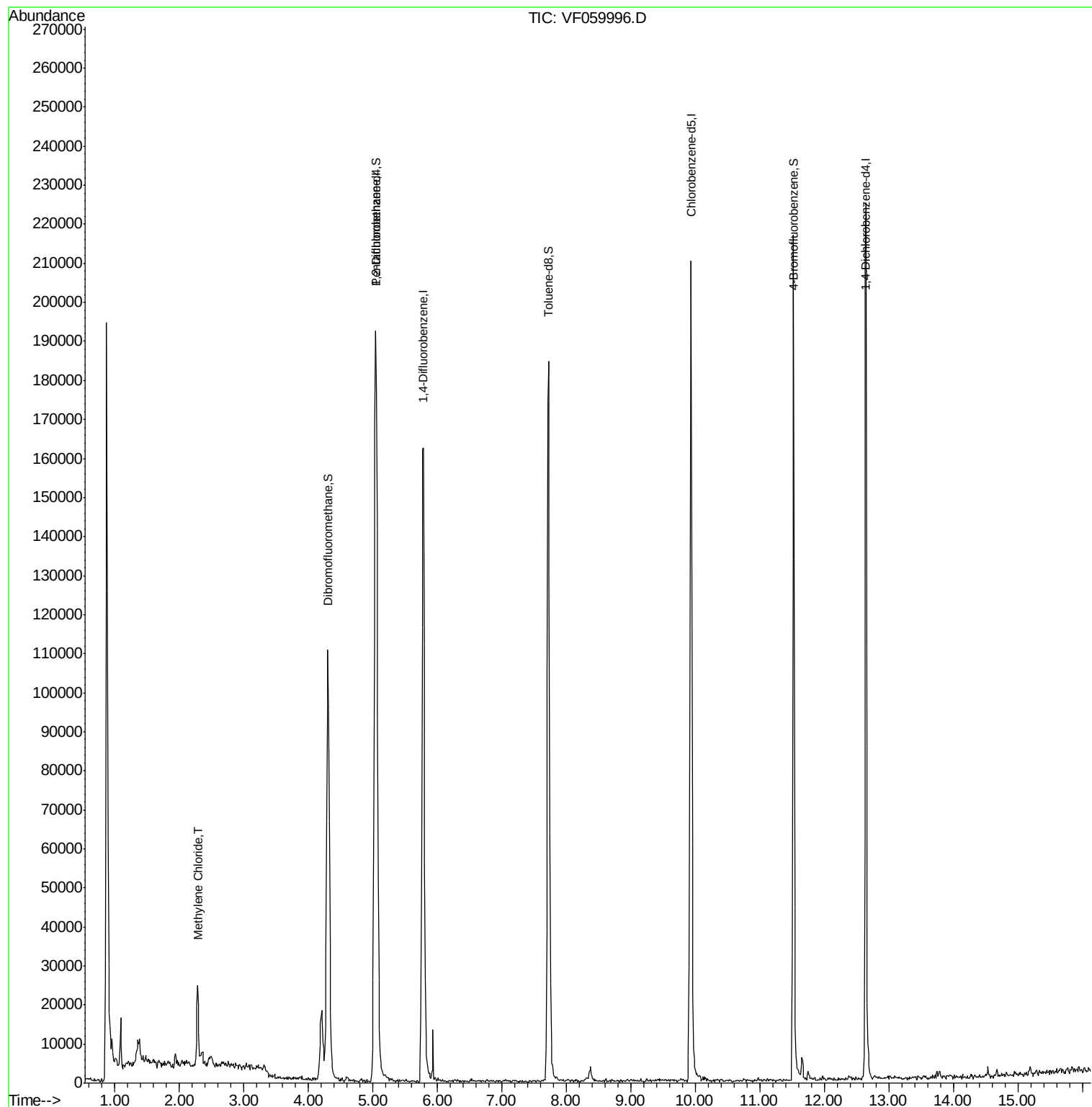
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.28	84	7816	2.65	ug/l	90

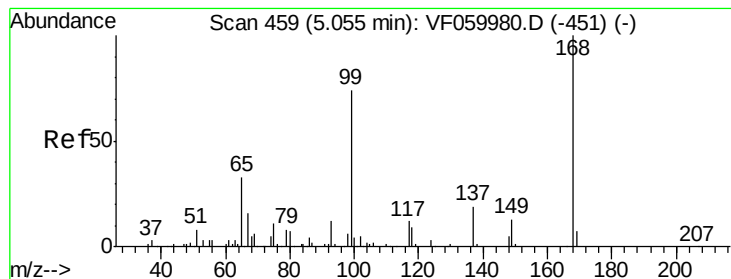
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

Instrument :

MSVOA_F

ClientSampleId :

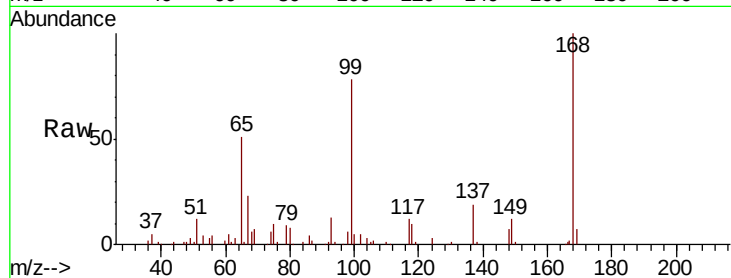
RA-081518-NSW-45-029

Tot Ion:168 Resp: 112348

Ion Ratio Lower Upper

168 100

99 77.5 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

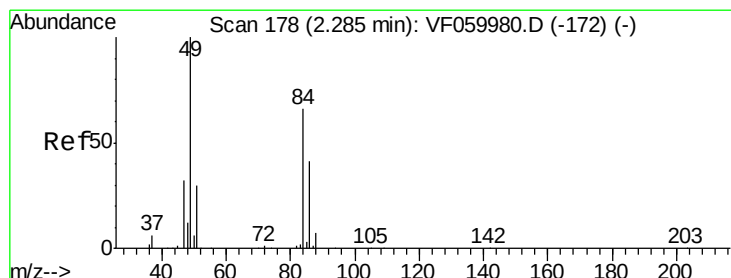
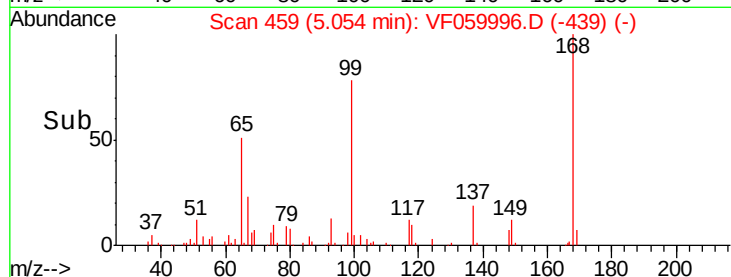
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 2.65 ug/l

RT: 2.28 min Scan# 178

Delta R.T. 0.00 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

Tgt Ion: 84 Resp: 7816

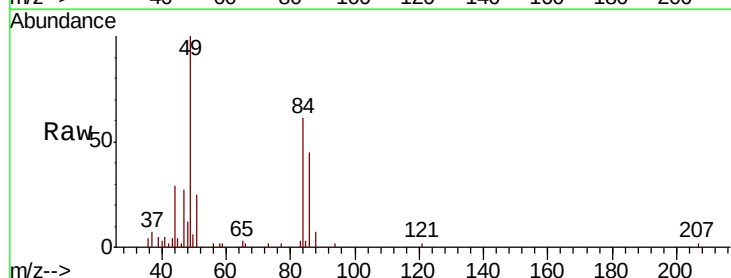
Ion Ratio Lower Upper

84 100

49 164.1 122.5 183.7

51 41.4 37.1 55.7

86 74.1 50.2 75.2



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

10000

8000

6000

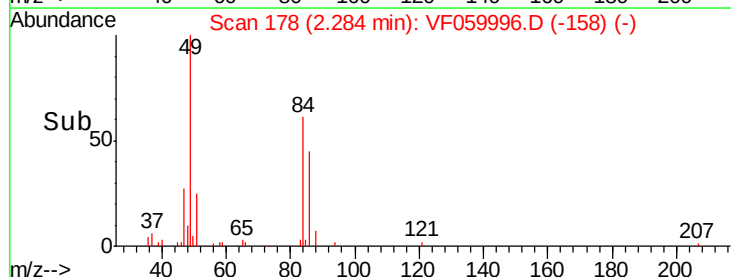
4000

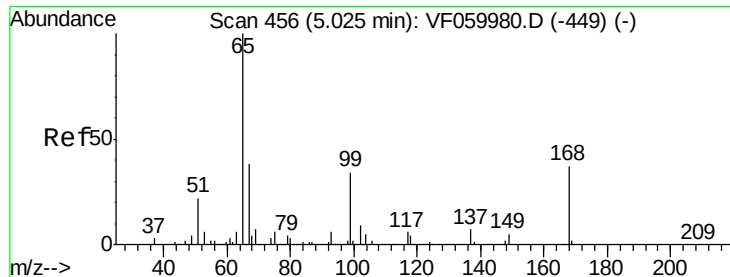
2000

0

2.20 2.25 2.30 2.35 2.40

Time-->

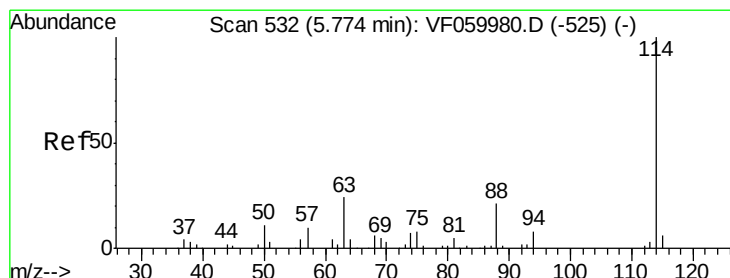
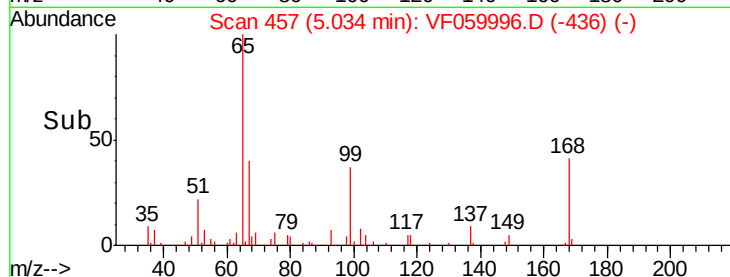
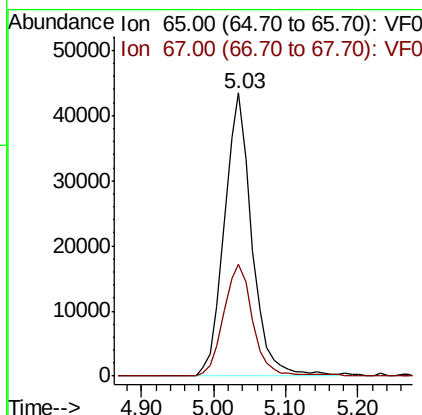
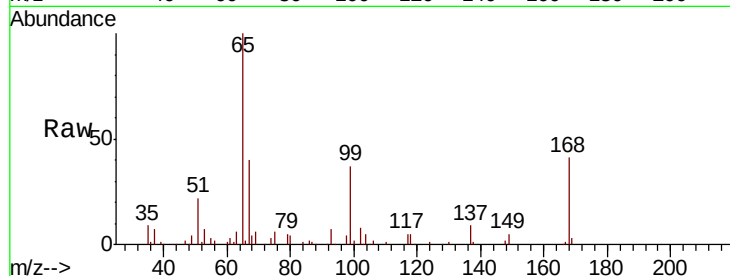




#33
 1,2-Dichloroethane-d4
 Concen: 53.07 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

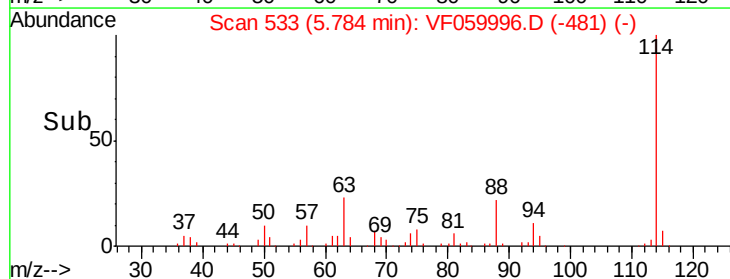
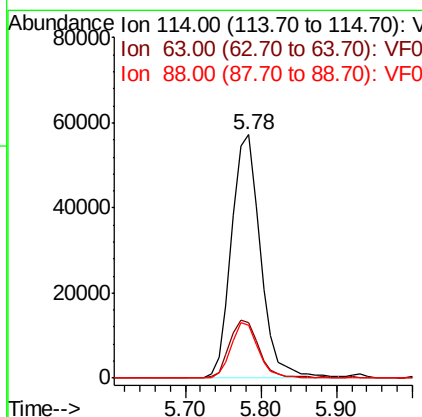
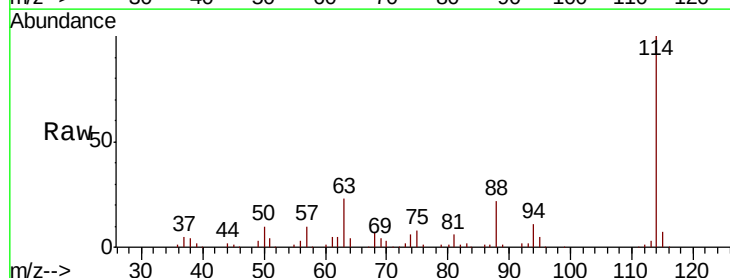
Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-NSW-45-029

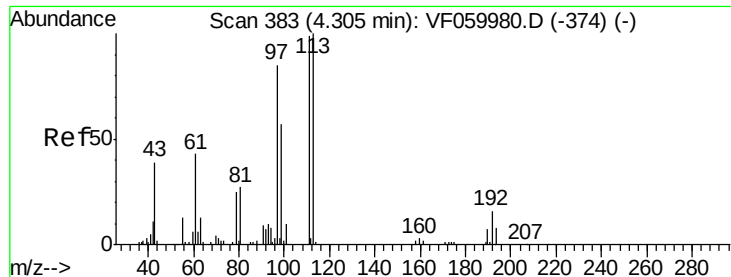
Tot Ion: 65 Resp: 115097
 Ion Ratio Lower Upper
 65 100
 67 39.7 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

Tgt Ion: 114 Resp: 151876
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 48.6
 88 21.8 0.0 42.8





#35

Dibromofluoromethane

Concen: 61.17 ug/l

RT: 4.30 min Scan# 383

Delta R.T. -0.00 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

Instrument :

MSVOA_F

ClientSampleId :

RA-081518-NSW-45-029

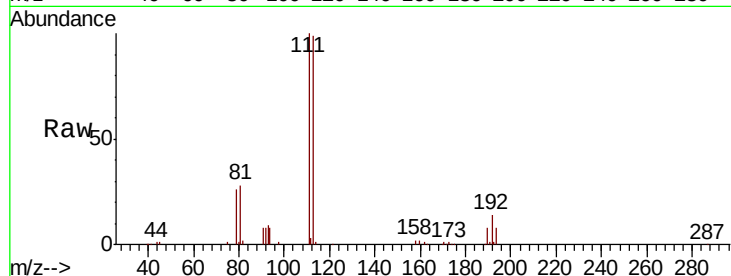
Tot Ion:113 Resp: 94944

Ion Ratio Lower Upper

113 100

111 101.4 79.5 119.3

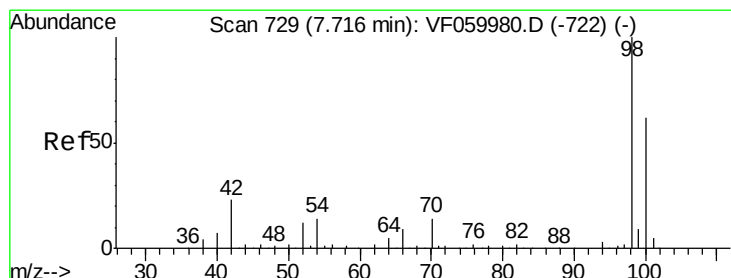
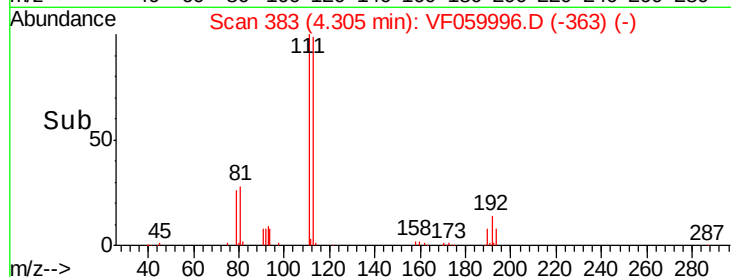
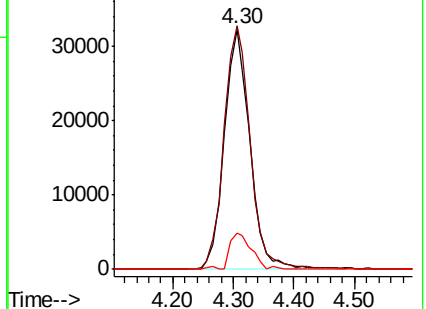
192 15.0 12.4 18.6



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: 42.08 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.01 min

Lab File: VF059996.D

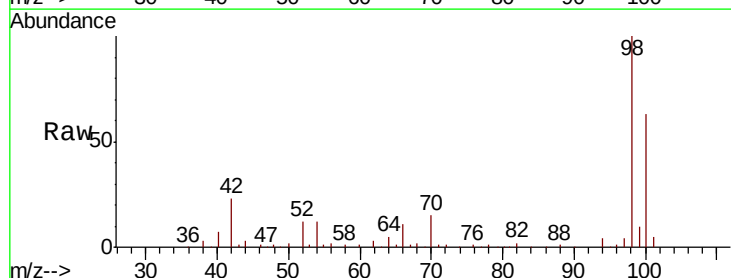
Acq: 18 Aug 2018 2:46

Tgt Ion: 98 Resp: 145258

Ion Ratio Lower Upper

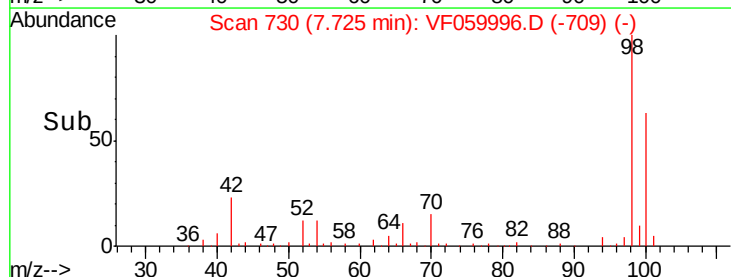
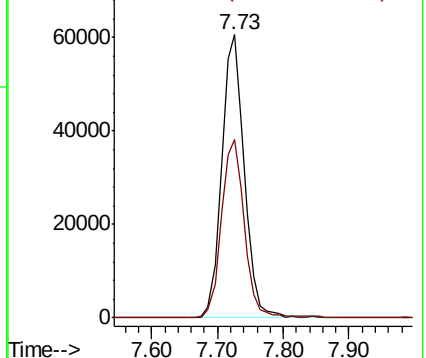
98 100

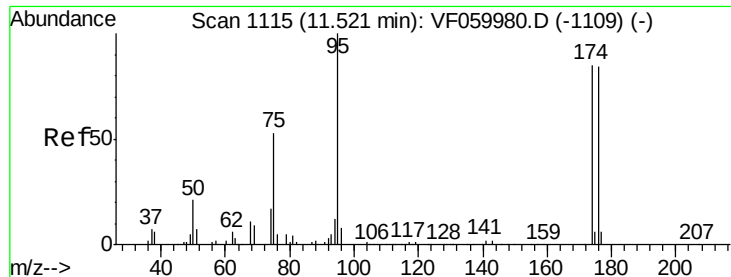
100 63.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 31.41 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. -0.00 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

Instrument :

MSVOA_F

ClientSampleId :

RA-081518-NSW-45-029

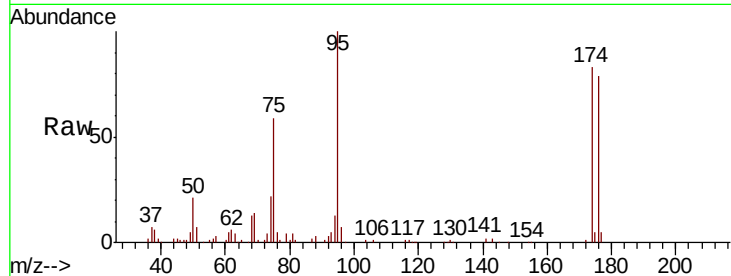
Tot Ion: 95 Resp: 66529

Ion Ratio Lower Upper

95 100

174 83.4 0.0 169.8

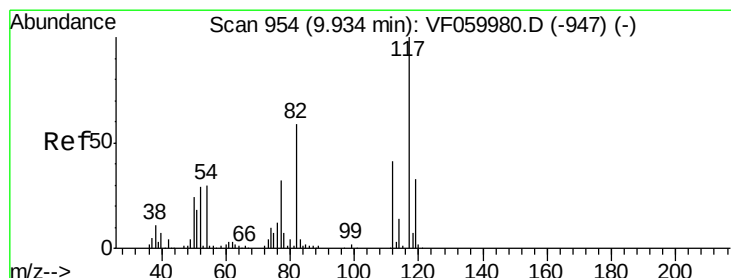
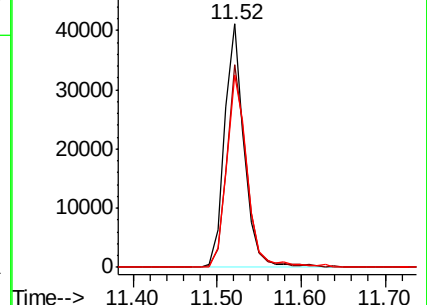
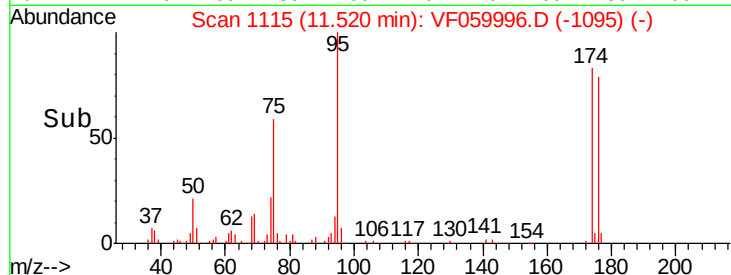
176 78.8 0.0 167.8



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: 50.00 ug/l

RT: 9.93 min Scan# 954

Delta R.T. -0.00 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

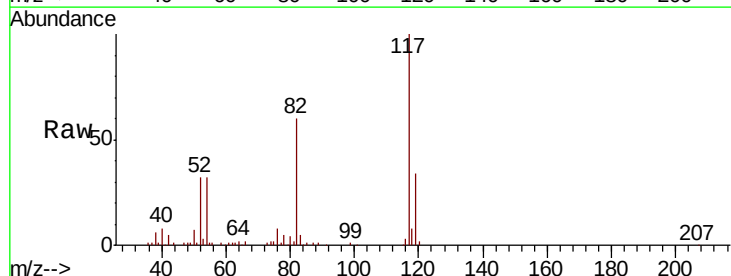
Tgt Ion: 117 Resp: 136029

Ion Ratio Lower Upper

117 100

82 59.8 47.2 70.8

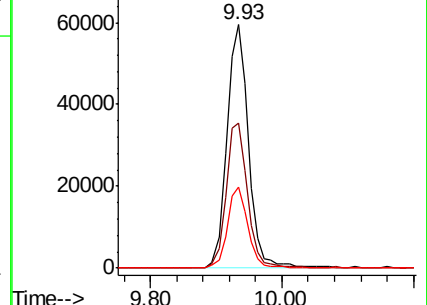
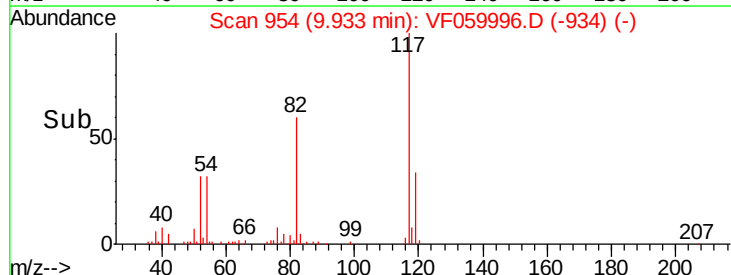
119 33.6 26.1 39.1

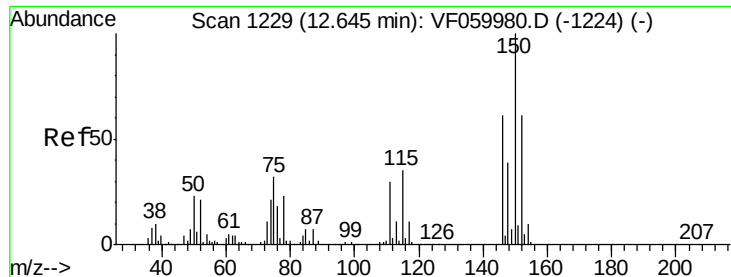


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

Instrument :

MSVOA_F

ClientSampleId :

RA-081518-NSW-45-029

Tot Ion:152 Resp: 57648

Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.3

150 155.5 0.0 330.2

