

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059995.D
 Acq On : 18 Aug 2018 2:19
 Operator : VA/AP
 Sample : J4511-06
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081418-FL-028

Quant Time: Aug 18 03:41:34 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

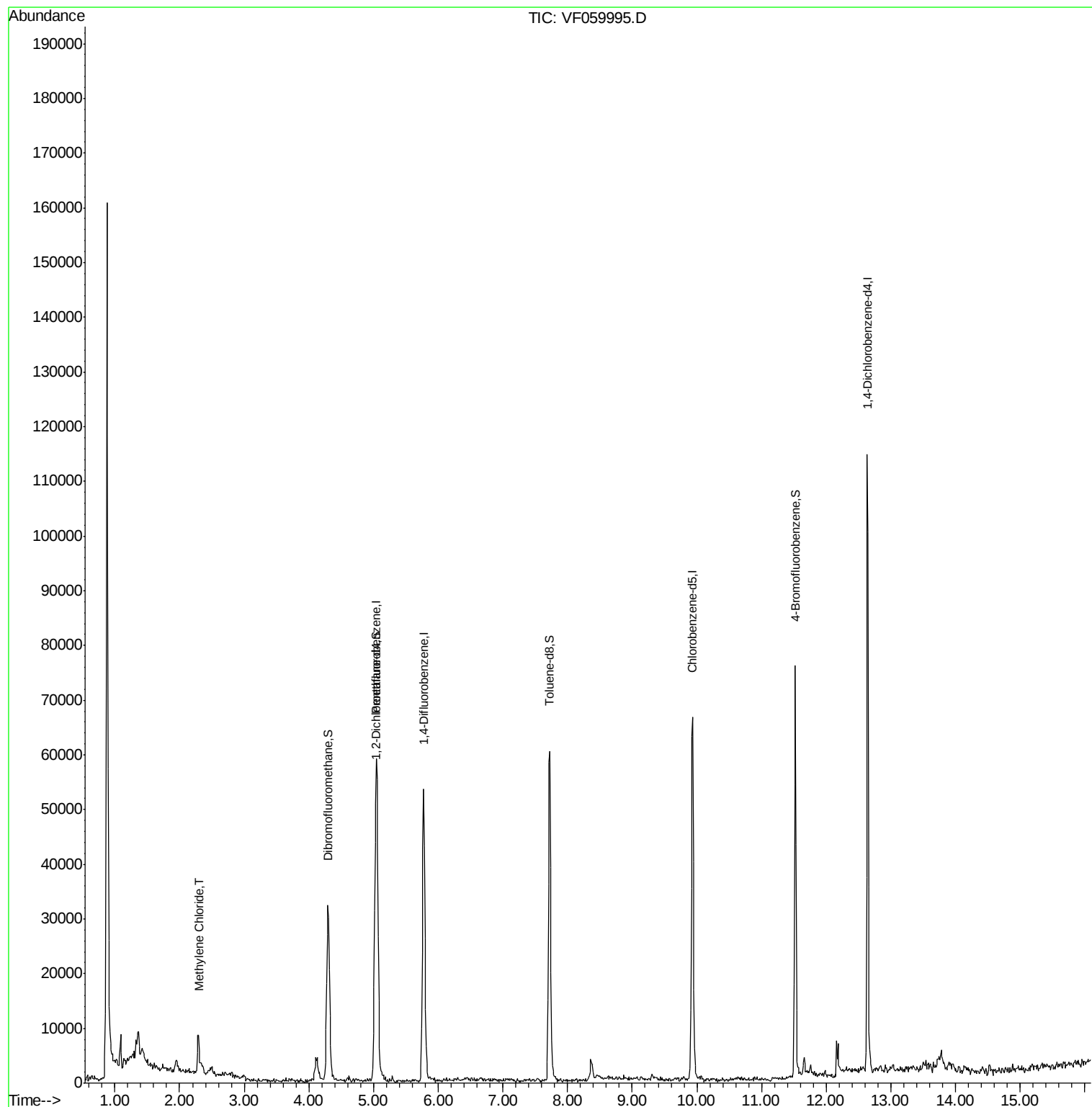
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	5.05	168	38731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	48985	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	41742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	27653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	36636	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	4.30	113	27874	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	7.72	98	49600	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
62) 4-Bromofluorobenzene	11.52	95	23596	34.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.08%	
Target Compounds						Qvalue
20) Methylene Chloride	2.29	84	3518	4.81	ug/l #	80
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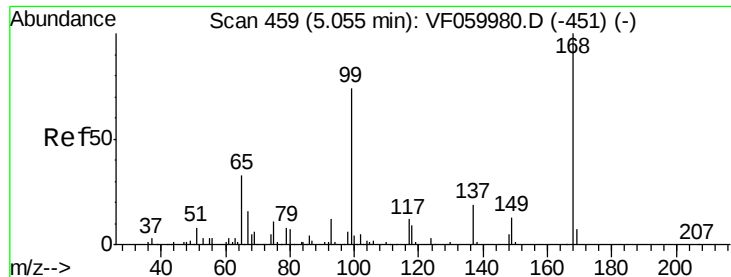
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059995.D

Acq: 18 Aug 2018 2:19

Instrument :

MSVOA_F

ClientSampleId :

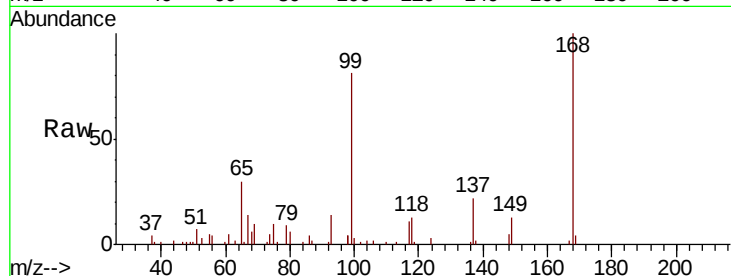
RA-081418-FL-028

Tot Ion:168 Resp: 38731

Ion Ratio Lower Upper

168 100

99 80.7 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.05

15000

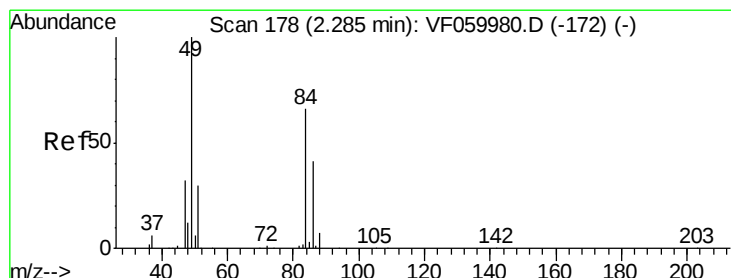
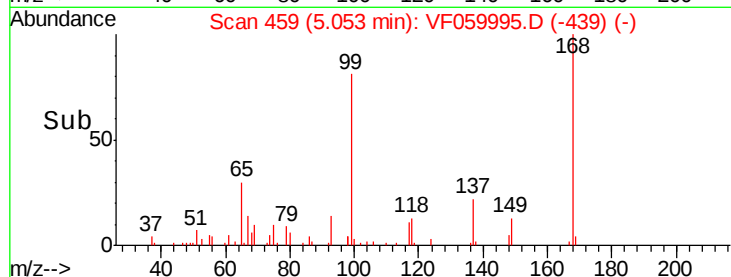
10000

5000

0

Time-->

5.00 5.10



#20

Methylene Chloride

Concen: 4.81 ug/l

RT: 2.29 min Scan# 179

Delta R.T. 0.01 min

Lab File: VF059995.D

Acq: 18 Aug 2018 2:19

Tgt Ion: 84 Resp: 3518

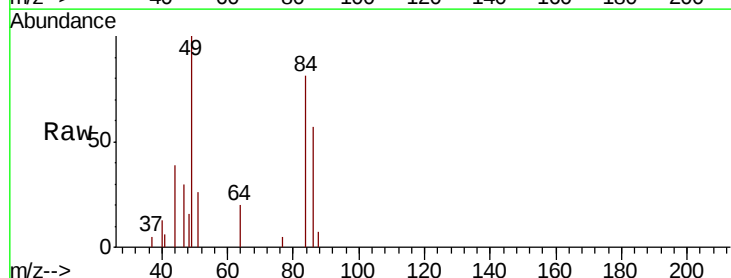
Ion Ratio Lower Upper

84 100

49 122.8 122.5 183.7

51 31.8 37.1 55.7#

86 69.5 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

3000

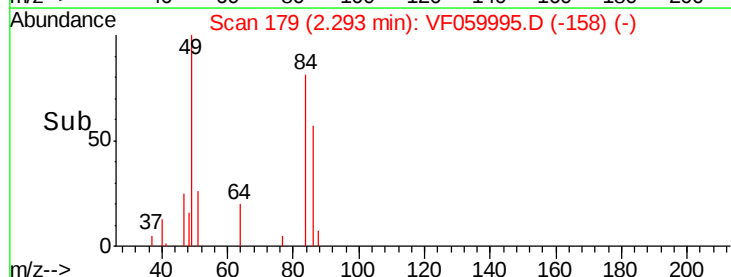
2000

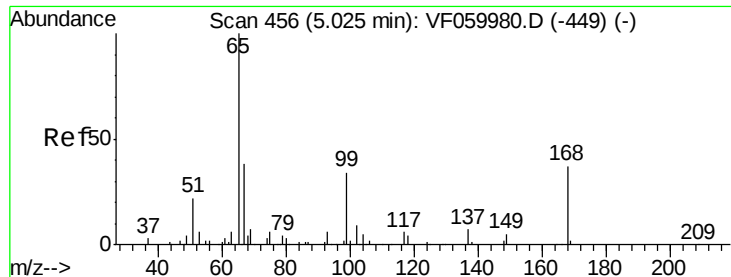
1000

0

Time-->

2.20 2.25 2.30 2.35 2.40





#33

1,2-Dichloroethane-d4

Concen: 49.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059995.D

Acq: 18 Aug 2018 2:19

Instrument :

MSVOA_F

ClientSampleId :

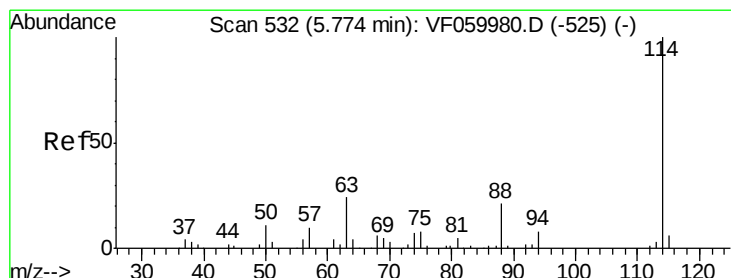
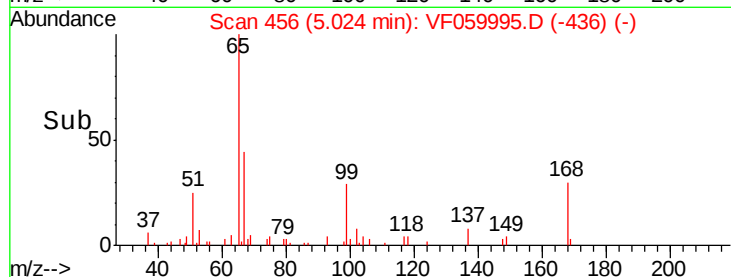
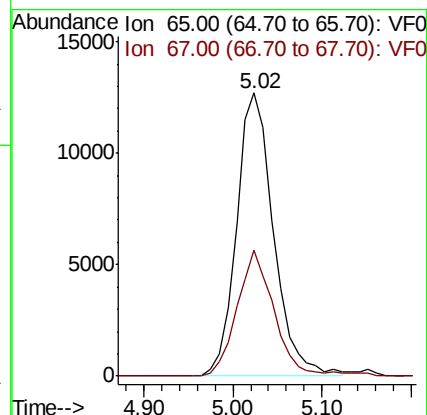
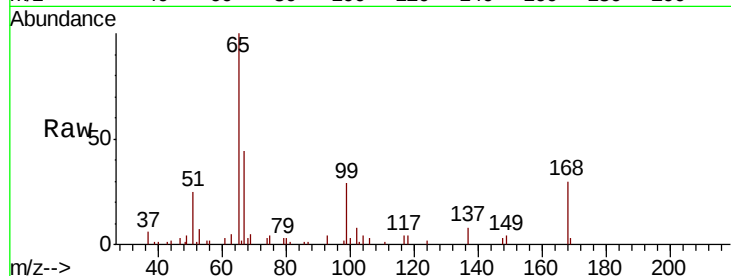
RA-081418-FL-028

Tot Ion: 65 Resp: 36636

Ion Ratio Lower Upper

65 100

67 44.3 0.0 82.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF059995.D

Acq: 18 Aug 2018 2:19

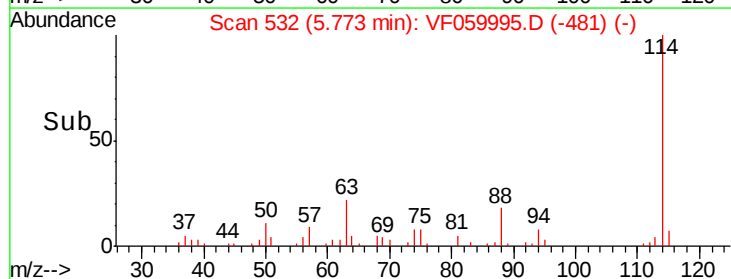
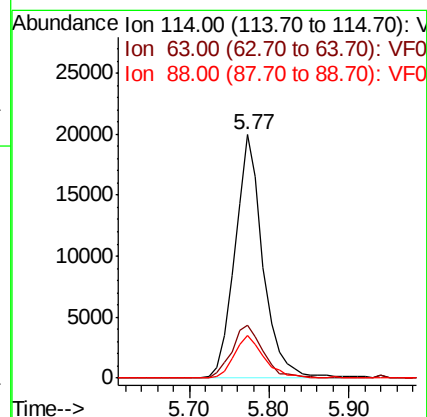
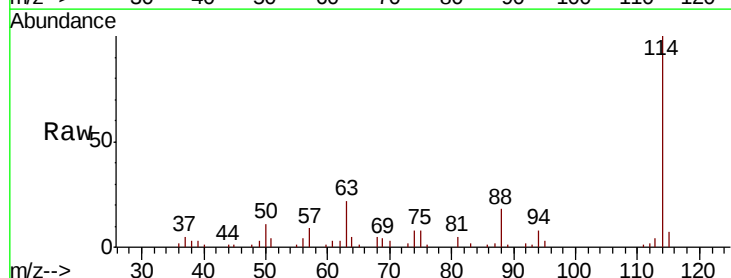
Tgt Ion: 114 Resp: 48985

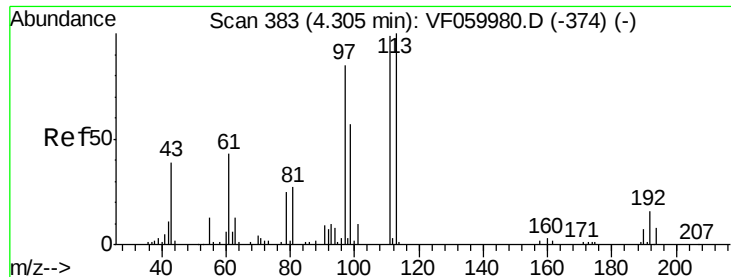
Ion Ratio Lower Upper

114 100

63 21.6 0.0 48.6

88 17.6 0.0 42.8

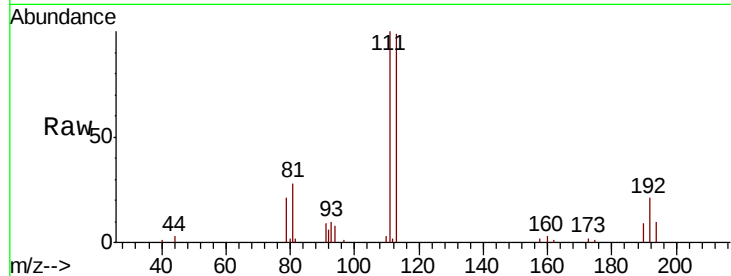




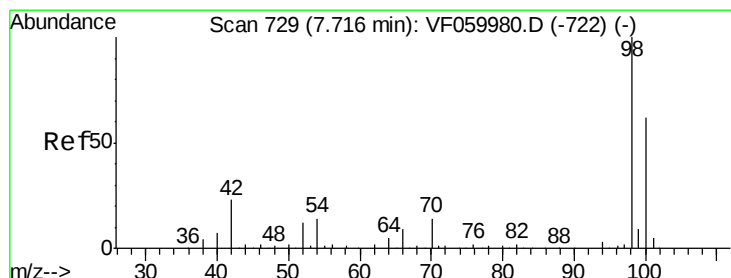
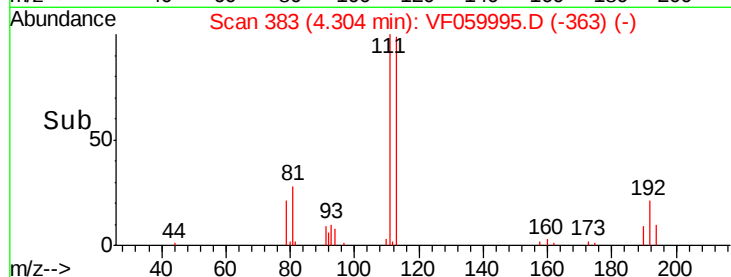
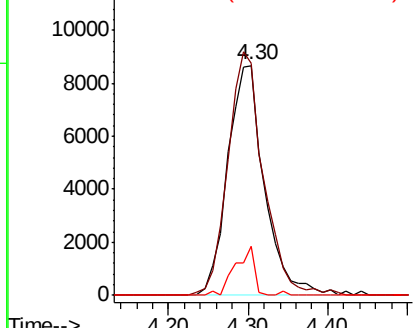
#35
 Dibromofluoromethane
 Concen: 55.68 ug/l
 RT: 4.30 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VF059995.D
 Acq: 18 Aug 2018 2:19

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081418-FL-028

Tot Ion:113 Resp: 27874
 Ion Ratio Lower Upper
 113 100
 111 101.2 79.5 119.3
 192 21.3 12.4 18.6#

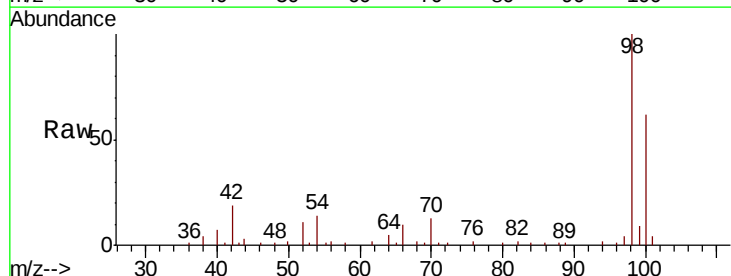


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

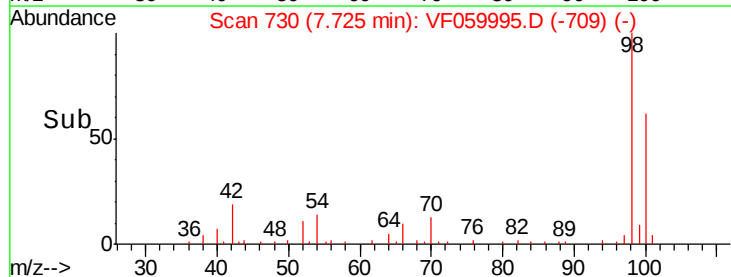
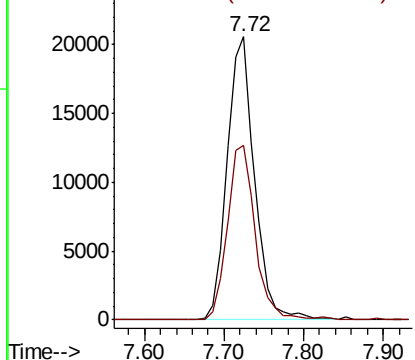


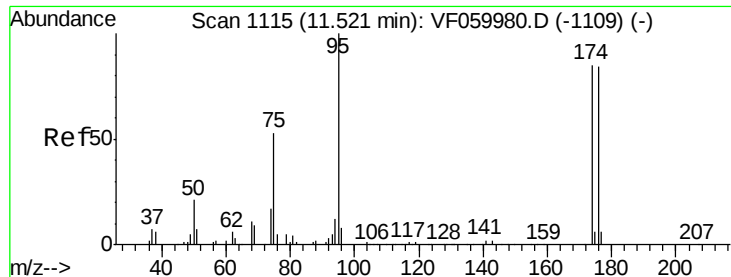
#50
 Toluene-d8
 Concen: 44.55 ug/l
 RT: 7.72 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VF059995.D
 Acq: 18 Aug 2018 2:19

Tgt Ion: 98 Resp: 49600
 Ion Ratio Lower Upper
 98 100
 100 61.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF

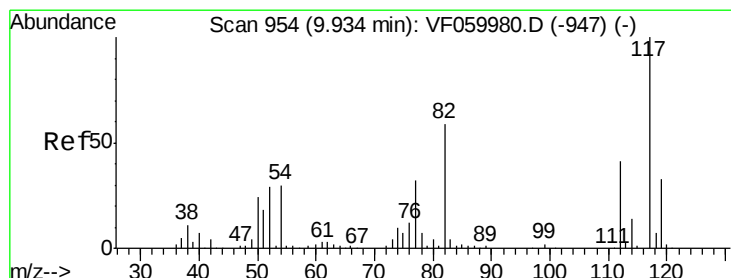
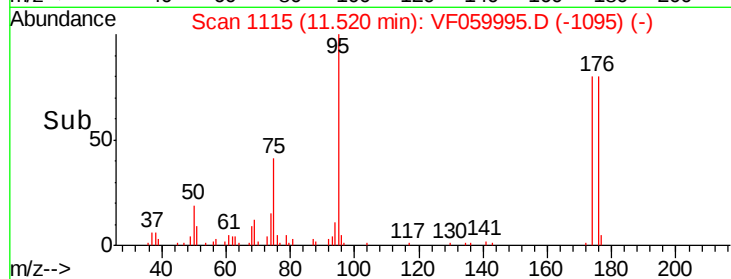
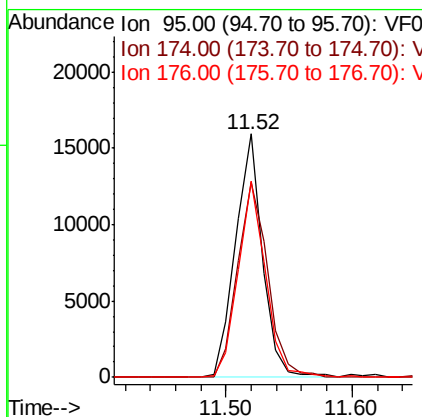
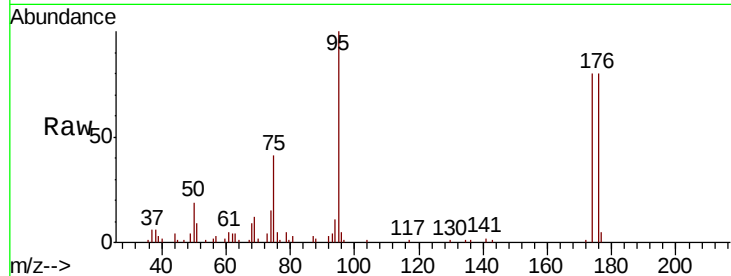




#62
4-Bromofluorobenzene
Concen: 34.54 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

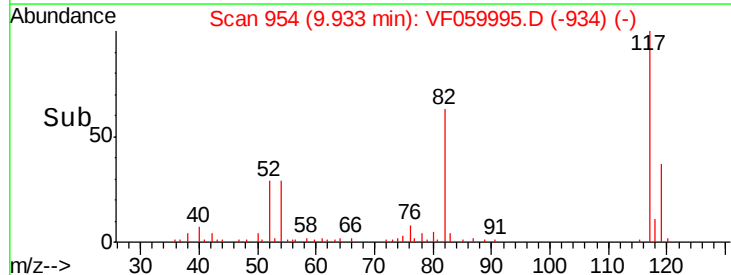
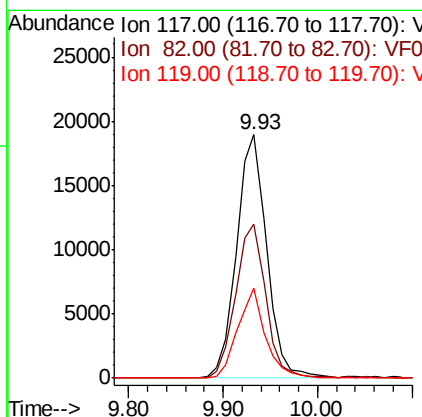
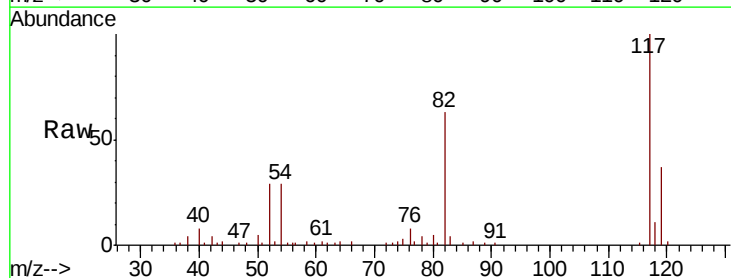
Instrument :
MSVOA_F
ClientSampleId :
RA-081418-FL-028

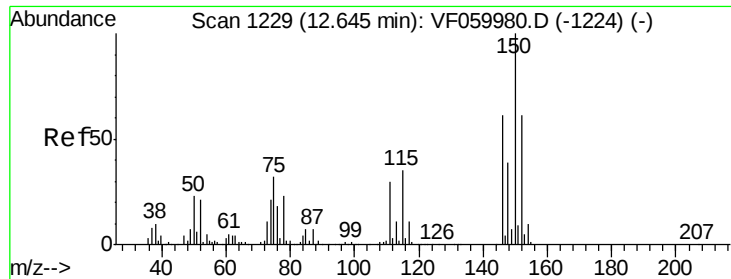
Tot Ion: 95 Resp: 23596
Ion Ratio Lower Upper
95 100
174 80.1 0.0 169.8
176 80.4 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 954
Delta R.T. -0.00 min
Lab File: VF059995.D
Acq: 18 Aug 2018 2:19

Tgt Ion: 117 Resp: 41742
Ion Ratio Lower Upper
117 100
82 63.2 47.2 70.8
119 36.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VF059995.D

Acq: 18 Aug 2018 2:19

Instrument :

MSVOA_F

ClientSampleId :

RA-081418-FL-028

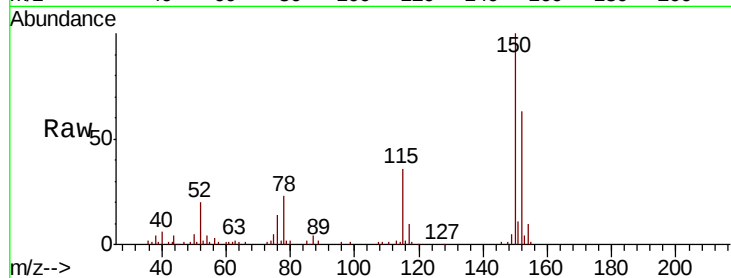
Tot Ion:152 Resp: 27653

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 159.7 0.0 330.2



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

