

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031619\
 Data File : VF061986.D
 Acq On : 16 Mar 2019 20:24
 Operator : VA/AP
 Sample : K1861-05
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-10-031119

Quant Time: Mar 18 07:38:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

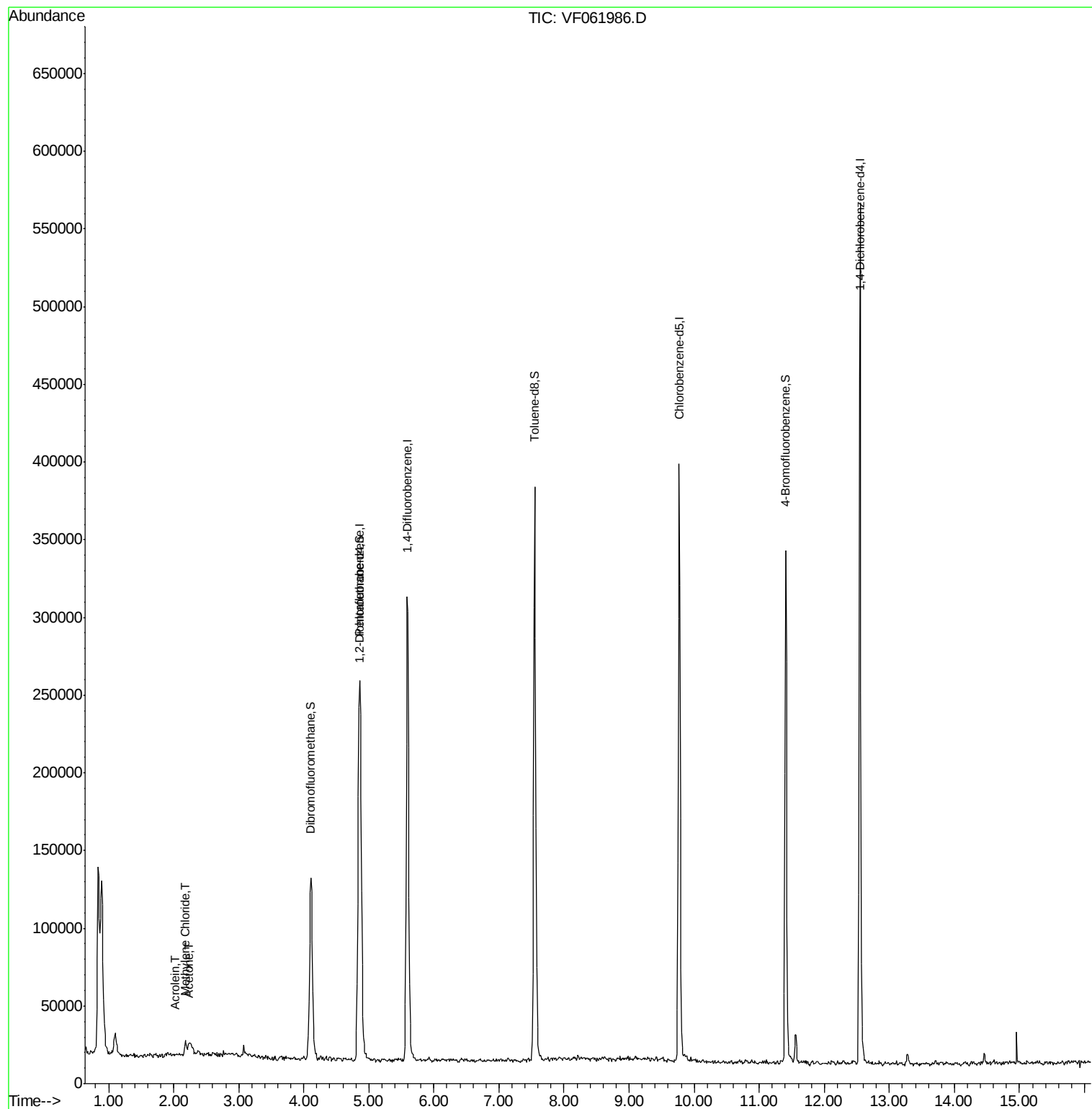
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	230036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	367200	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	302672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	157250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	82546	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	4.11	113	119861	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	7.55	98	323254	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.41	95	129844	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
Target Compounds						
13) Acrolein	2.02	56	375	3.428	ug/l	89
16) Acetone	2.24	43	3108	8.359	ug/l	93
20) Methylene Chloride	2.18	84	4129	2.157	ug/l	91

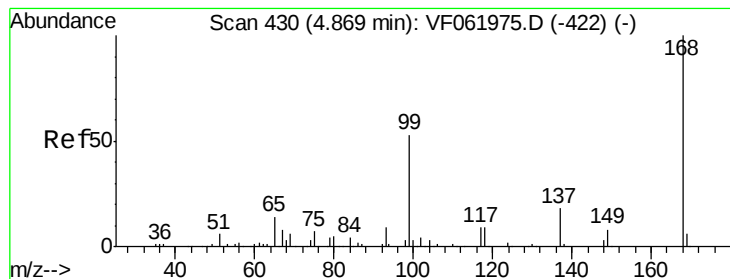
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF031619\
Data File : VF061986.D
Acq On : 16 Mar 2019 20:24
Operator : VA/AP
Sample : K1861-05
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BF-10-031119

Quant Time: Mar 18 07:38:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061986.D

Acq: 16 Mar 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

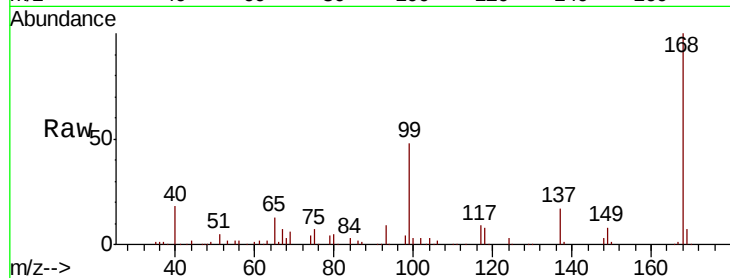
BF-10-031119

Tgt Ion:168 Resp: 230036

Ion Ratio Lower Upper

168 100

99 48.4 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

60000

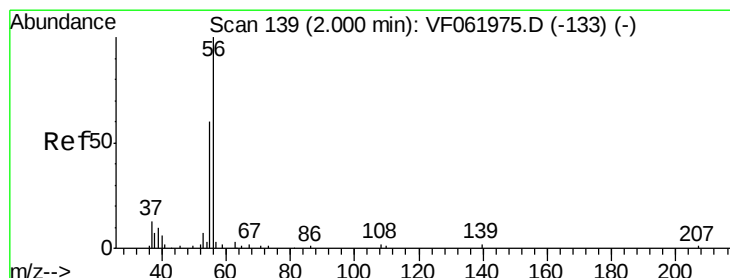
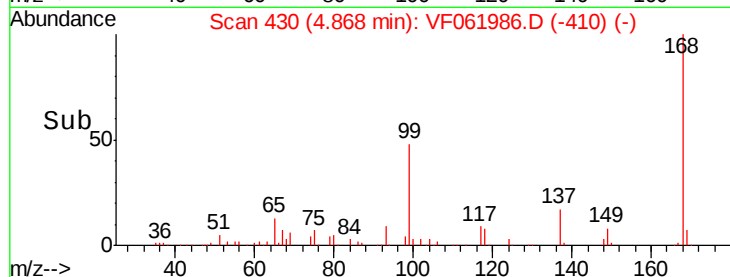
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#13

Acrolein

Concen: 3.428 ug/l

RT: 2.02 min Scan# 141

Delta R.T. 0.02 min

Lab File: VF061986.D

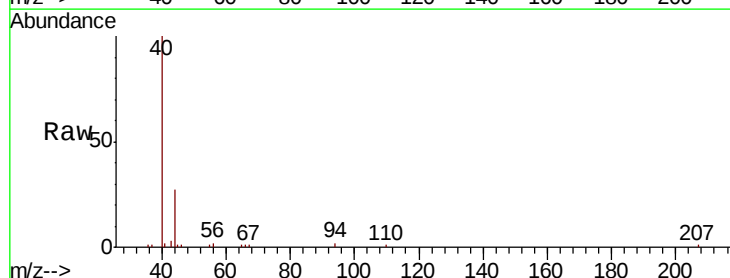
Acq: 16 Mar 2019 20:24

Tgt Ion: 56 Resp: 375

Ion Ratio Lower Upper

56 100

55 69.6 49.1 73.7



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.02

300

250

200

150

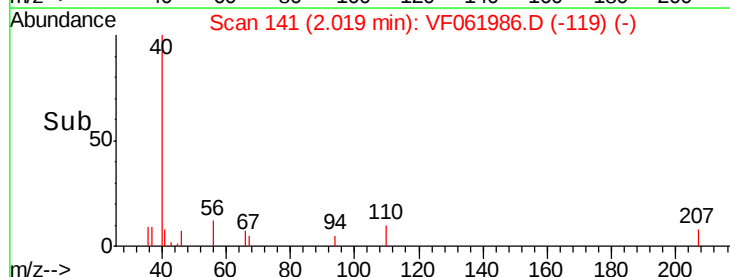
100

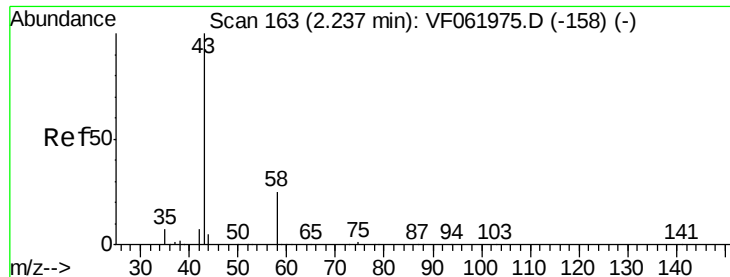
50

0

Time-->

2.00 2.05





#16

Acetone

Concen: 8.359 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061986.D

Acq: 16 Mar 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

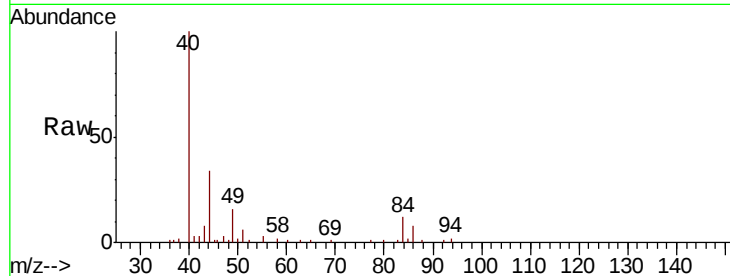
BF-10-031119

Tgt Ion: 43 Resp: 3108

Ion Ratio Lower Upper

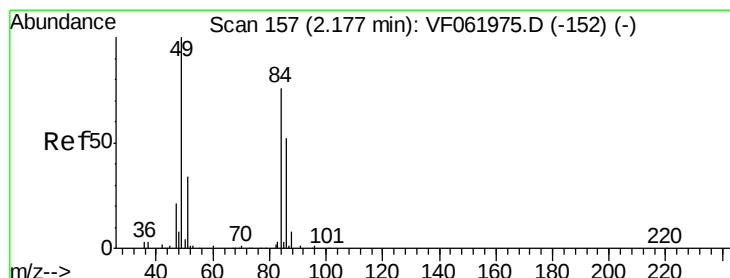
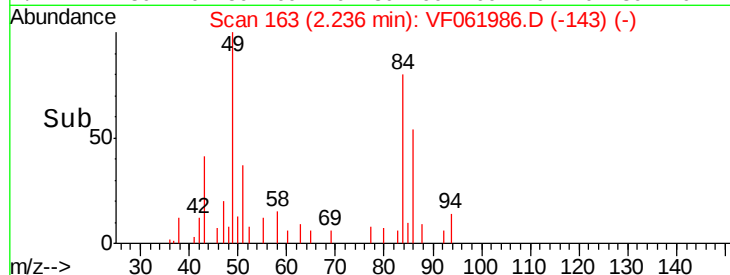
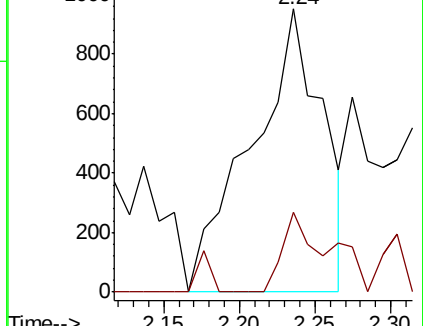
43 100

58 28.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#20

Methylene Chloride

Concen: 2.157 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF061986.D

Acq: 16 Mar 2019 20:24

Tgt Ion: 84 Resp: 4129

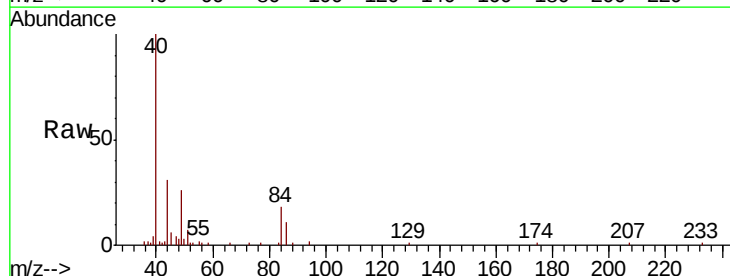
Ion Ratio Lower Upper

84 100

49 143.7 107.0 160.6

51 39.4 37.2 55.8

86 61.5 55.3 82.9

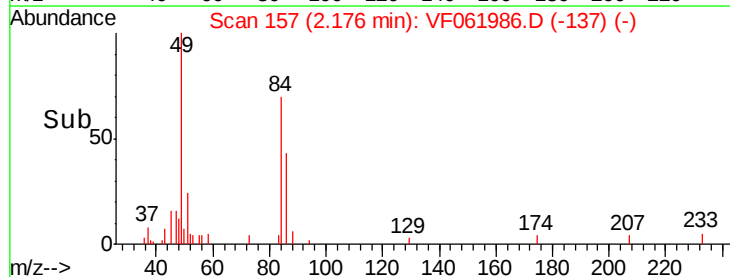
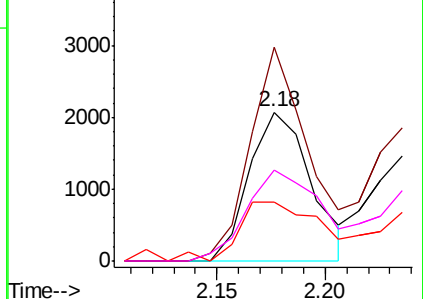


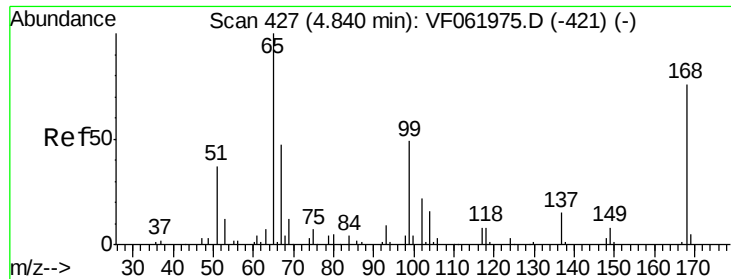
Abundance Ion 84.00 (83.70 to 84.70): VF0

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: 49.850 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.00 min

Lab File: VF061986.D

Acq: 16 Mar 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

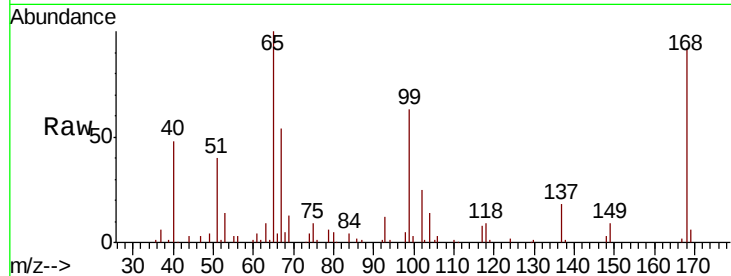
BF-10-031119

Tgt Ion: 65 Resp: 82546

Ion Ratio Lower Upper

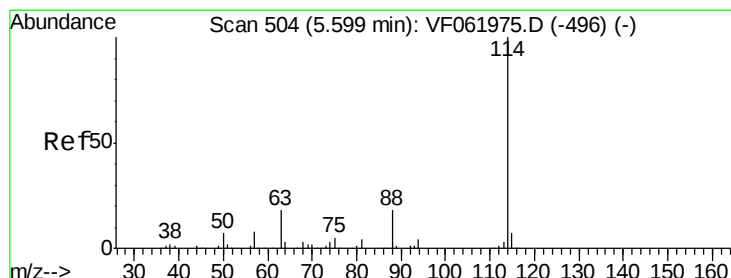
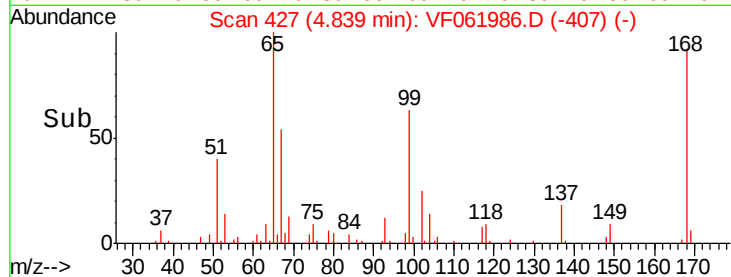
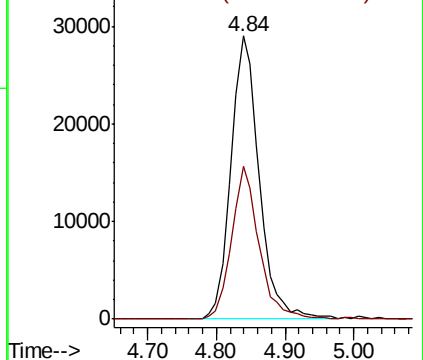
65 100

67 54.2 0.0 109.4



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: 5.60 min Scan# 504

Delta R.T. -0.00 min

Lab File: VF061986.D

Acq: 16 Mar 2019 20:24

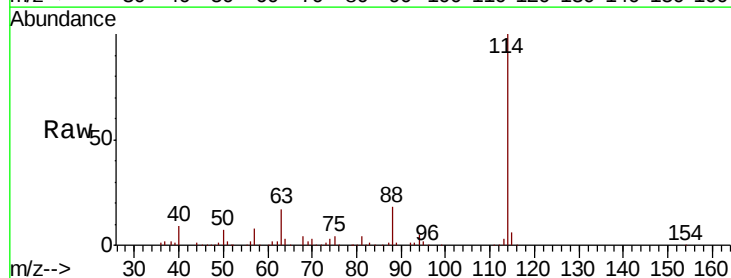
Tgt Ion: 114 Resp: 367200

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.4

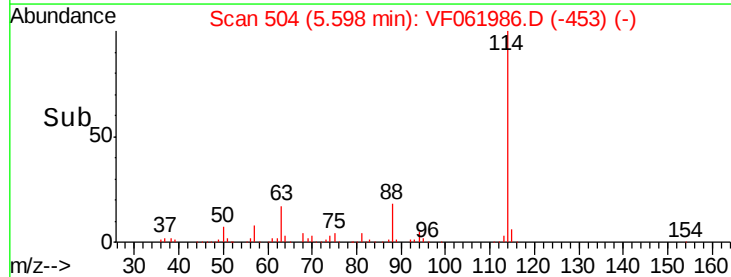
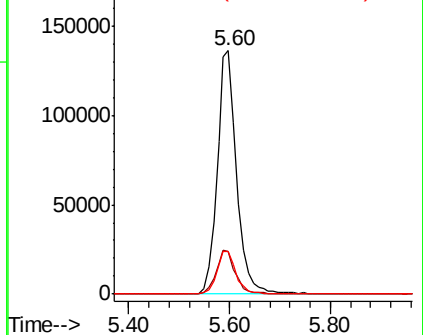
88 17.8 0.0 36.4

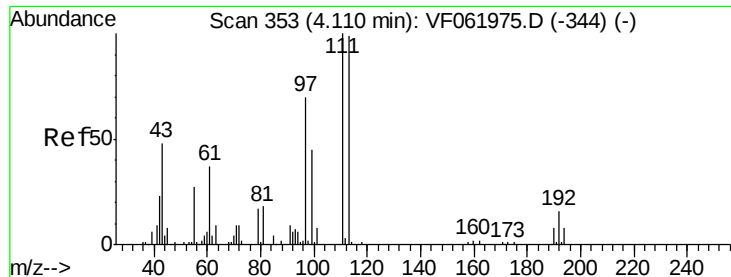


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

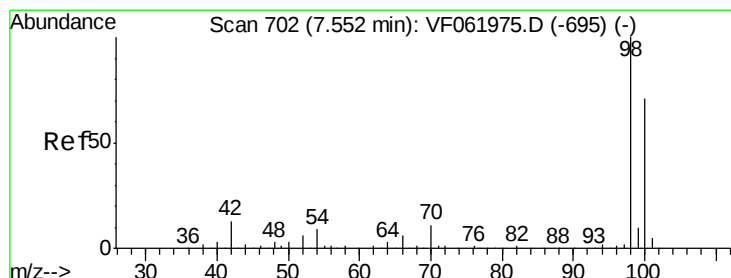
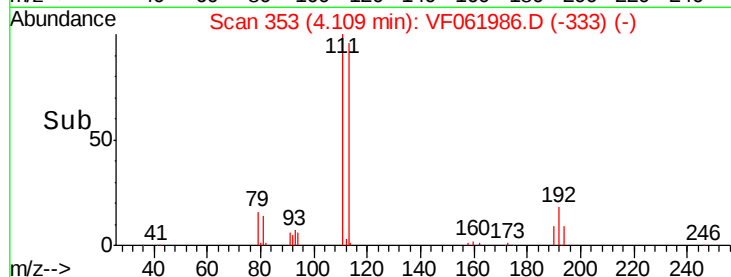
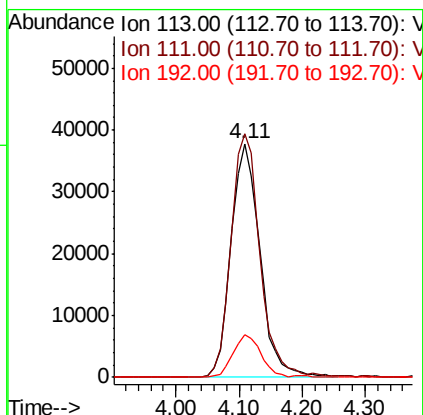
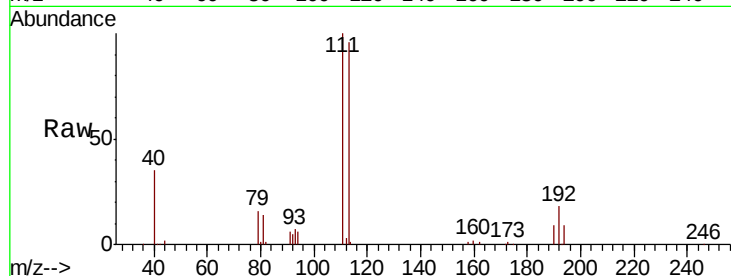




#35
 Dibromofluoromethane
 Concen: 48.609 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VF061986.D
 Acq: 16 Mar 2019 20:24

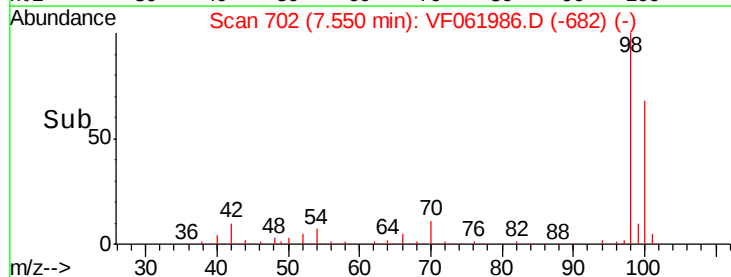
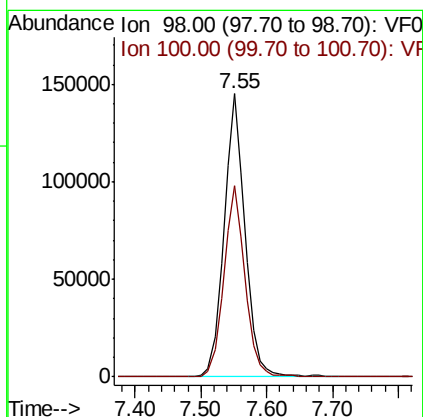
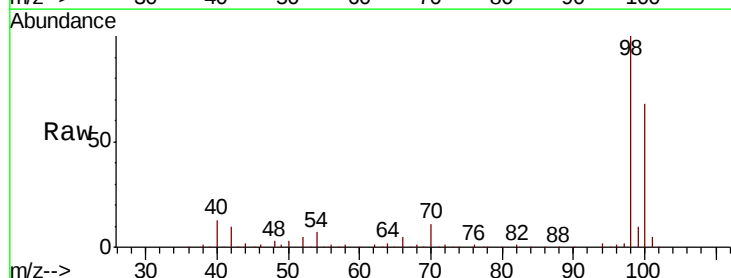
Instrument :
 MSVOA_F
 ClientSampleId :
 BF-10-031119

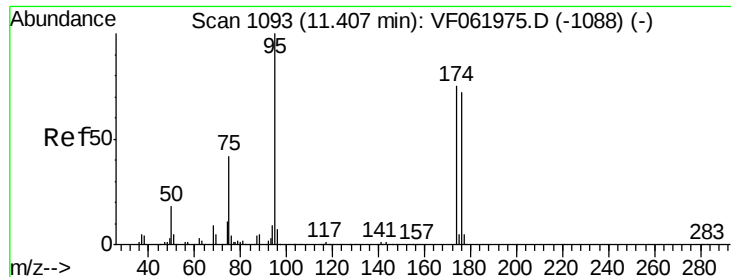
Tgt Ion: 113 Resp: 119861
 Ion Ratio Lower Upper
 113 100
 111 104.3 80.8 121.2
 192 18.9 13.0 19.6



#50
 Toluene-d8
 Concen: 44.845 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VF061986.D
 Acq: 16 Mar 2019 20:24

Tgt Ion: 98 Resp: 323254
 Ion Ratio Lower Upper
 98 100
 100 67.7 56.8 85.2





#62

4-Bromofluorobenzene

Concen: 45.343 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061986.D

Acq: 16 Mar 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

BF-10-031119

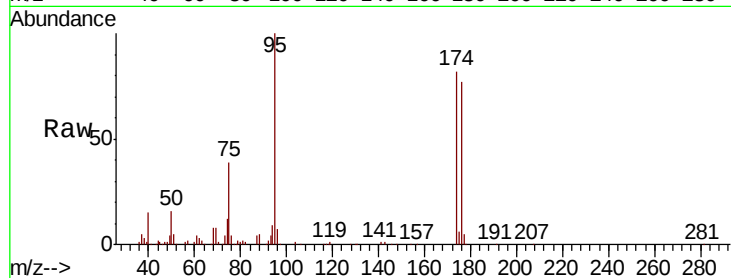
Tgt Ion: 95 Resp: 129844

Ion Ratio Lower Upper

95 100

174 81.7 0.0 149.4

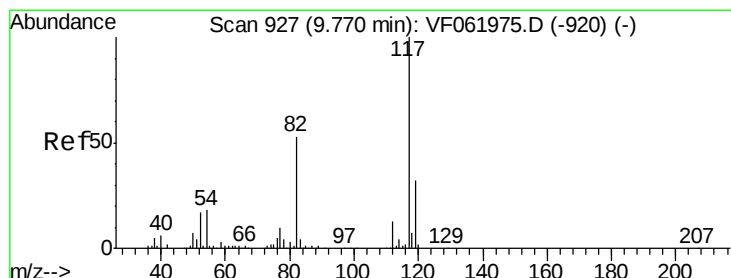
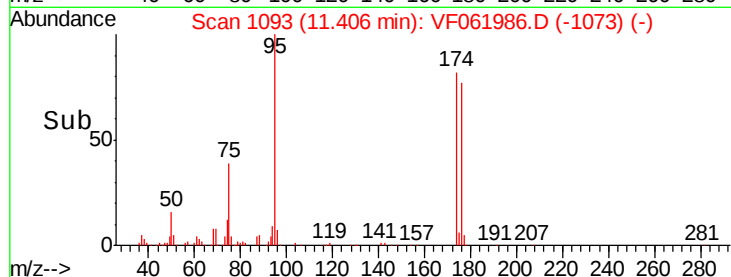
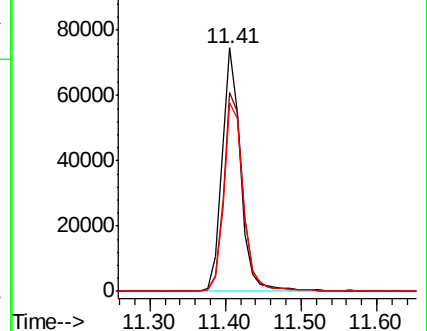
176 77.5 0.0 143.4



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: 9.77 min Scan# 927

Delta R.T. -0.00 min

Lab File: VF061986.D

Acq: 16 Mar 2019 20:24

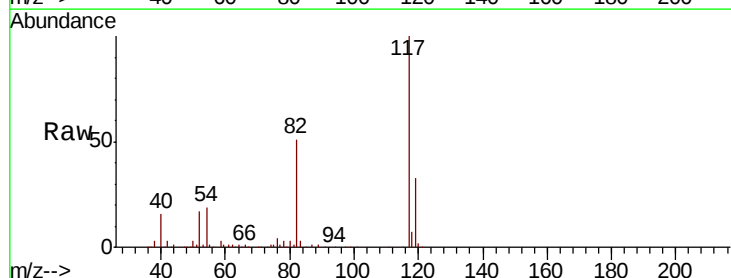
Tgt Ion: 117 Resp: 302672

Ion Ratio Lower Upper

117 100

82 51.1 42.5 63.7

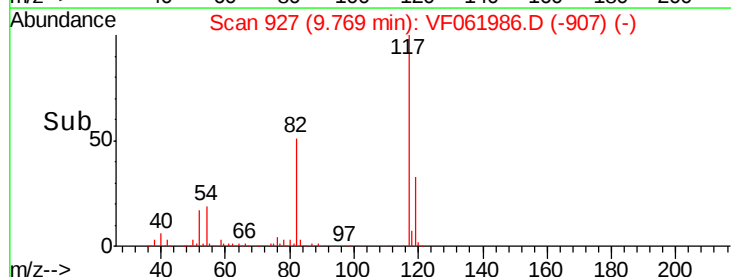
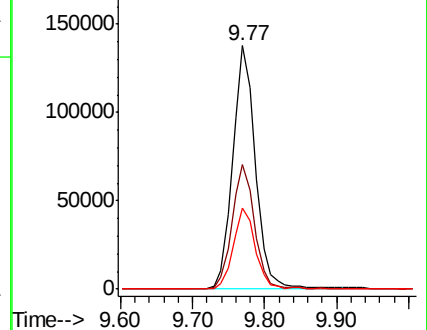
119 33.5 25.4 38.0

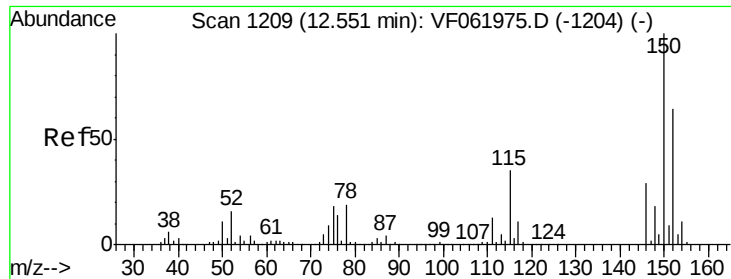


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.55 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: VF061986.D
 Acq: 16 Mar 2019 20:24

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-10-031119

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.8	27.3	81.9
150	151.8	0.0	316.2

