

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061184.D
 Acq On : 26 Dec 2018 13:13
 Operator : VA/AP
 Sample : J6447-04
 Misc : 3.82g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS024-1218-01

Quant Time: Dec 27 00:34:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

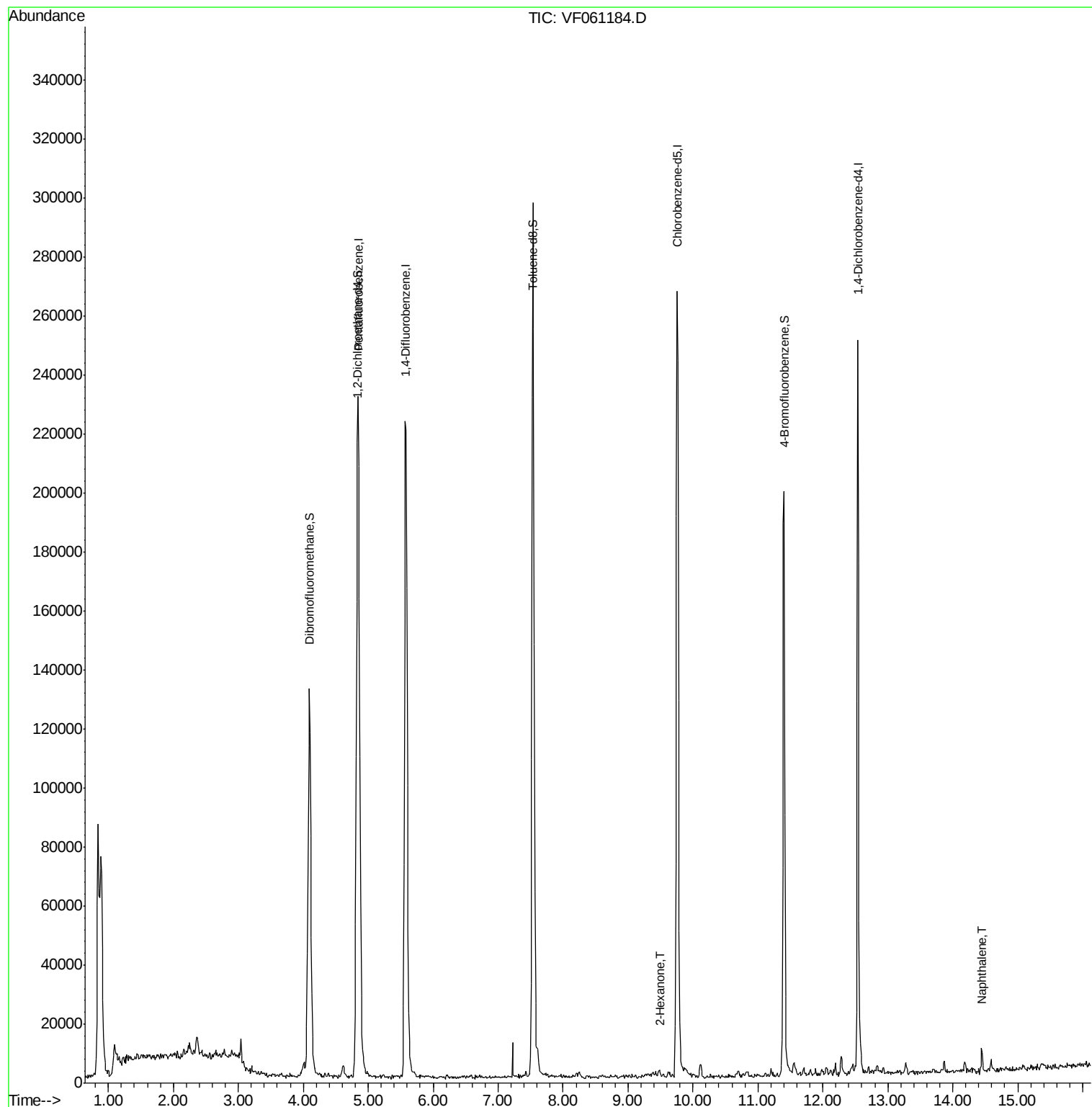
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	154145	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	254787	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	191091	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	61453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	115289	58.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.30%	
35) Dibromofluoromethane	4.09	113	126446	61.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	123.90%	
50) Toluene-d8	7.54	98	246951	42.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.40%	
62) 4-Bromofluorobenzene	11.40	95	80782	30.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.60%	
Target Compounds						
59) 2-Hexanone	9.48	43	3106	4.217	ug/l	99
95) Naphthalene	14.44	128	4349	1.648	ug/l #	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

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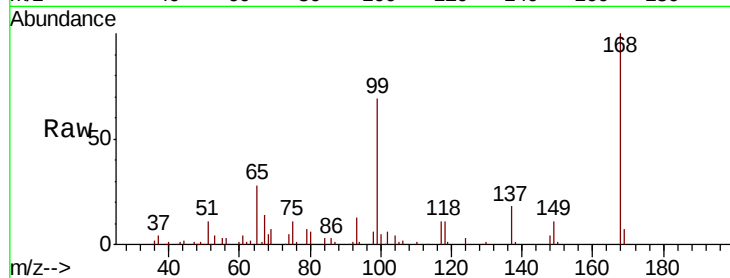
P001-SS024-1218-01

Tot Ion:168 Resp: 154145

Ion Ratio Lower Upper

168 100

99 69.4 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

50000

40000

30000

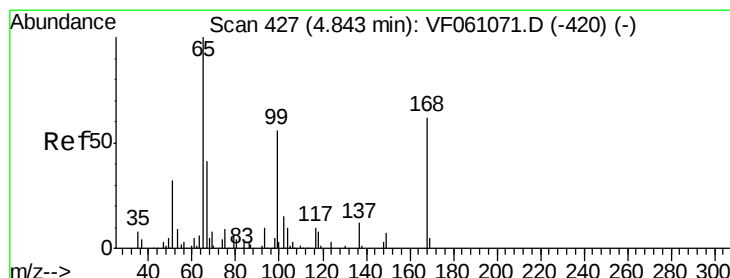
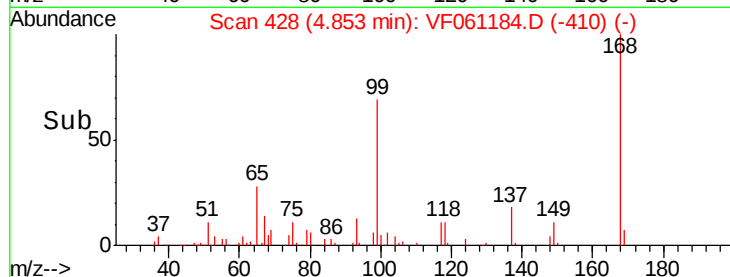
20000

10000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 58.151 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061184.D

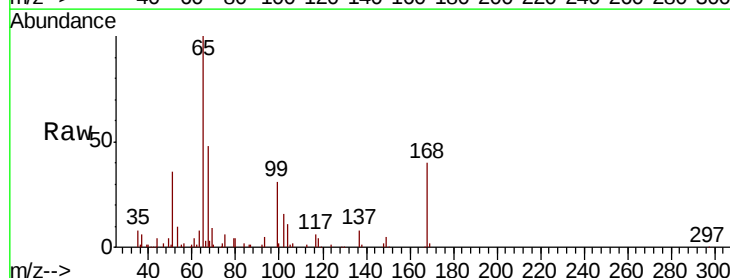
Acq: 26 Dec 2018 13:13

Tgt Ion: 65 Resp: 115289

Ion Ratio Lower Upper

65 100

67 47.9 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

40000

30000

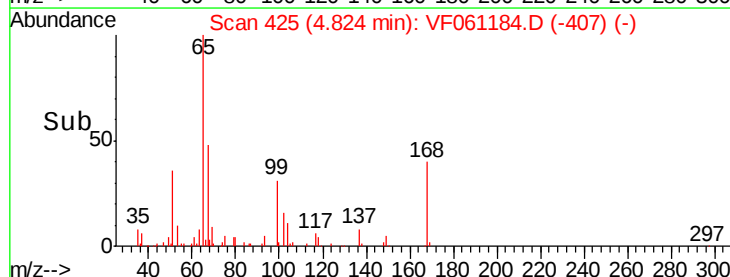
20000

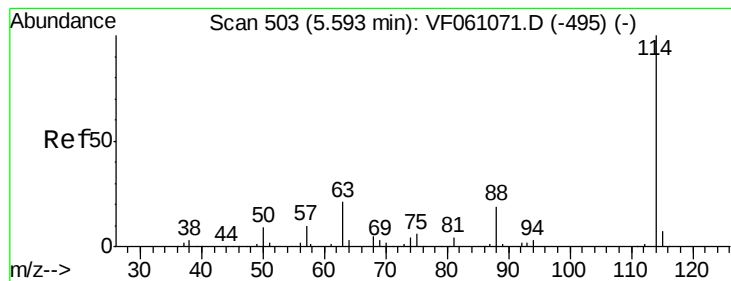
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.02 min

Lab File: VF061184.D

Acq: 26 Dec 2018 13:13

Instrument :

MSVOA_F

ClientSampleId :

P001-SS024-1218-01

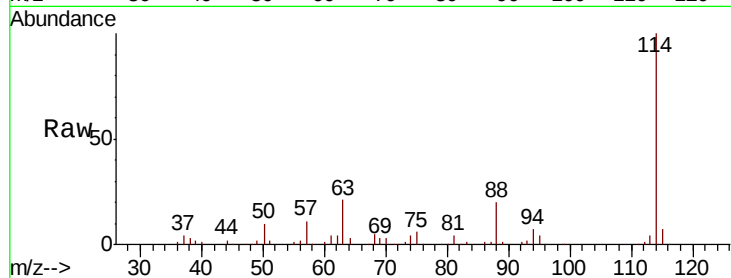
Tot Ion:114 Resp: 254787

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

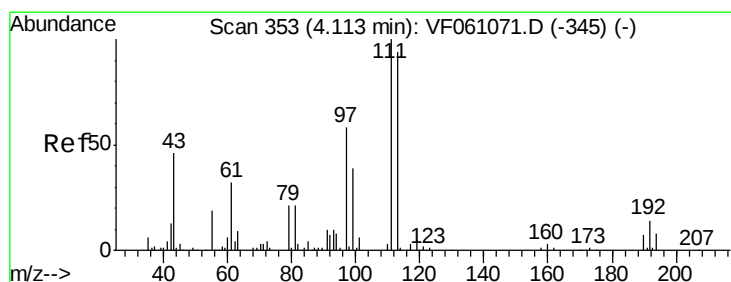
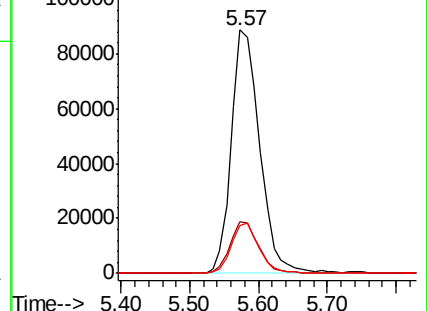
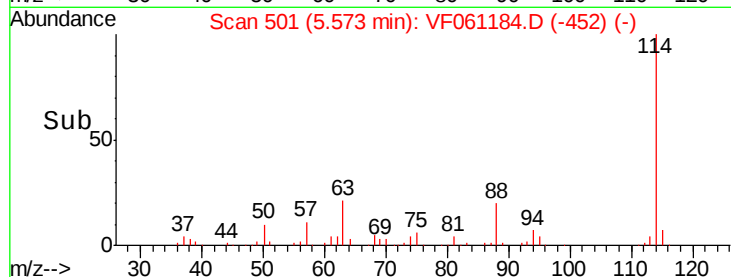
88 19.9 0.0 38.0



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: 61.953 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061184.D

Acq: 26 Dec 2018 13:13

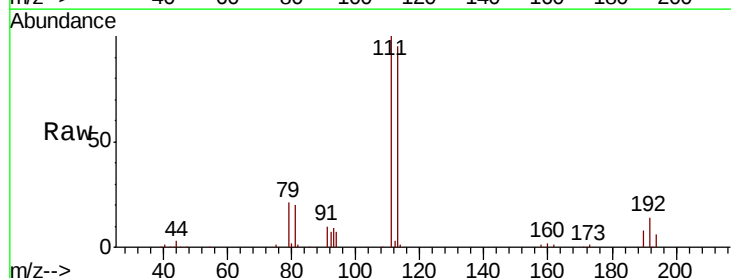
Tgt Ion:113 Resp: 126446

Ion Ratio Lower Upper

113 100

111 105.4 85.2 127.8

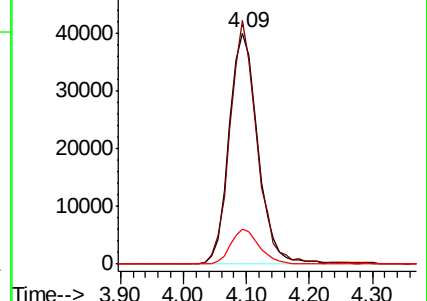
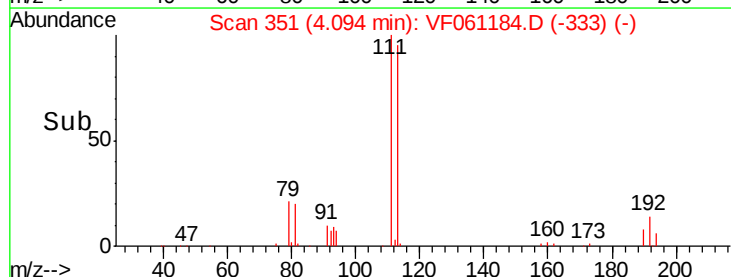
192 15.5 12.8 19.2

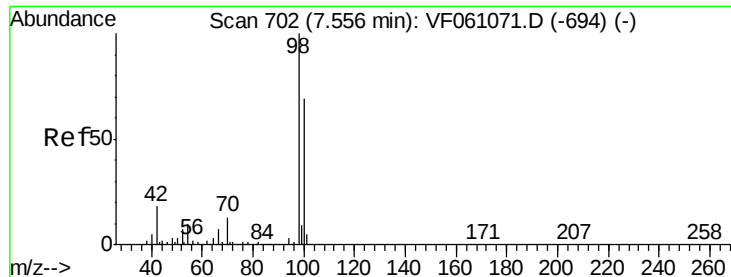


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 42.696 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061184.D

Acq: 26 Dec 2018 13:13

Instrument :

MSVOA_F

ClientSampleId :

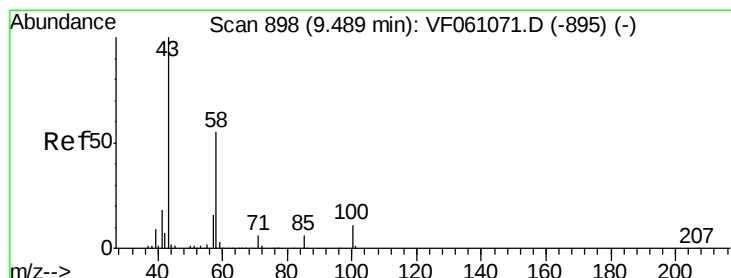
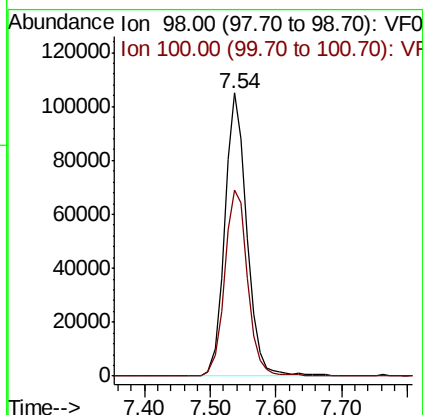
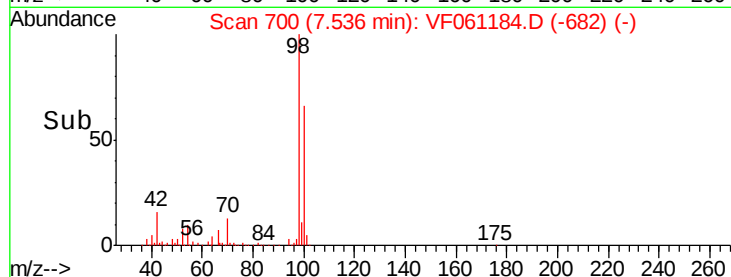
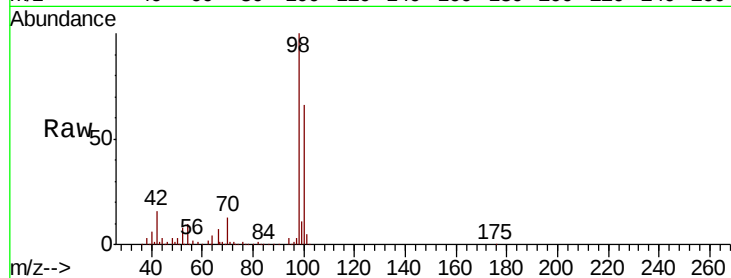
P001-SS024-1218-01

Tot Ion: 98 Resp: 246951

Ion Ratio Lower Upper

98 100

100 65.8 55.3 82.9



#59

2-Hexanone

Concen: 4.217 ug/l

RT: 9.48 min Scan# 897

Delta R.T. -0.01 min

Lab File: VF061184.D

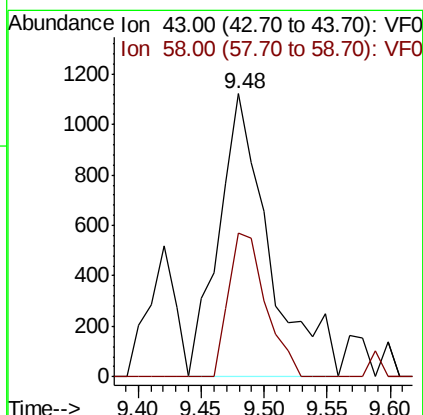
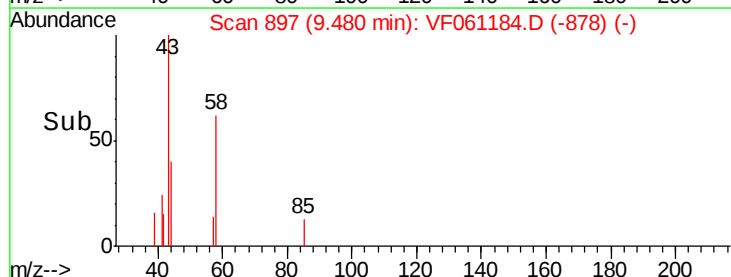
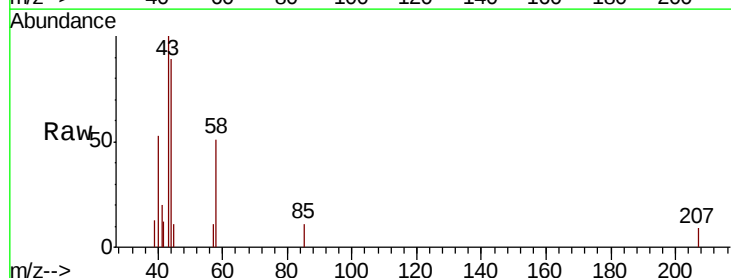
Acq: 26 Dec 2018 13:13

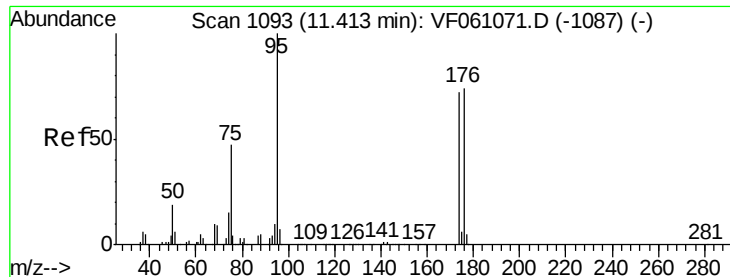
Tgt Ion: 43 Resp: 3106

Ion Ratio Lower Upper

43 100

58 50.8 25.1 75.2





#62

4-Bromofluorobenzene

Concen: 30.296 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061184.D

Acq: 26 Dec 2018 13:13

Instrument :

MSVOA_F

ClientSampleId :

P001-SS024-1218-01

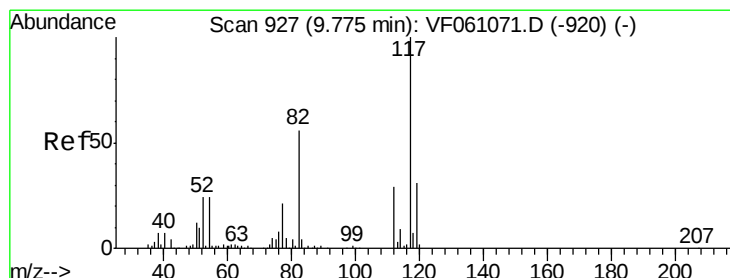
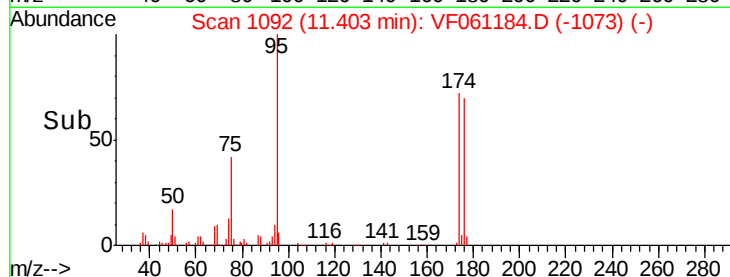
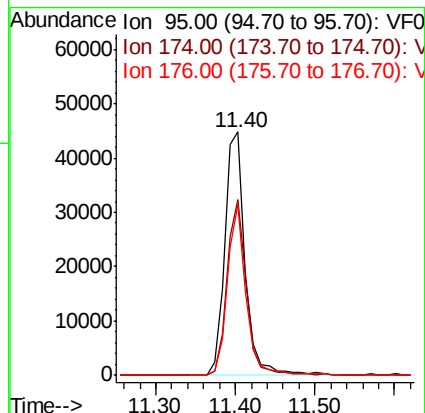
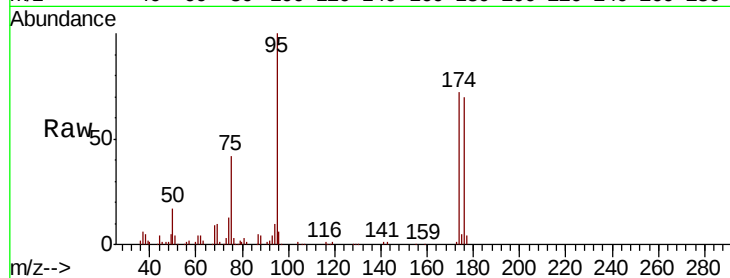
Tot Ion: 95 Resp: 80782

Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.8

176 70.2 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 925

Delta R.T. -0.02 min

Lab File: VF061184.D

Acq: 26 Dec 2018 13:13

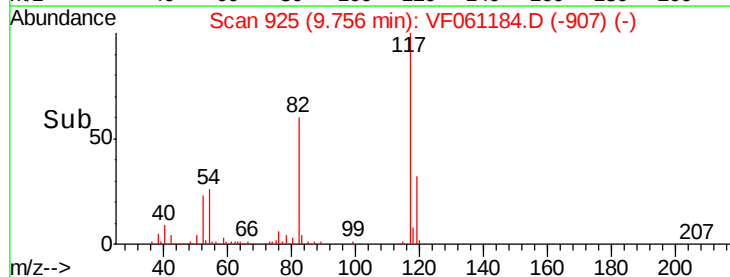
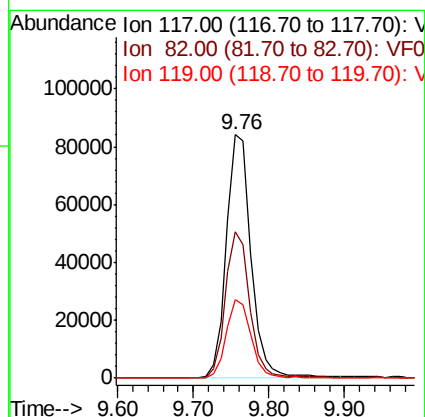
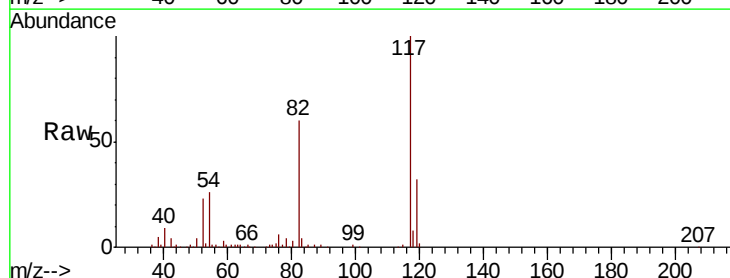
Tgt Ion: 117 Resp: 191091

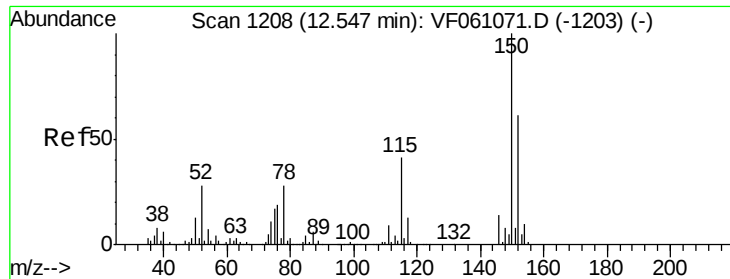
Ion Ratio Lower Upper

117 100

82 60.2 45.0 67.4

119 32.1 24.8 37.2



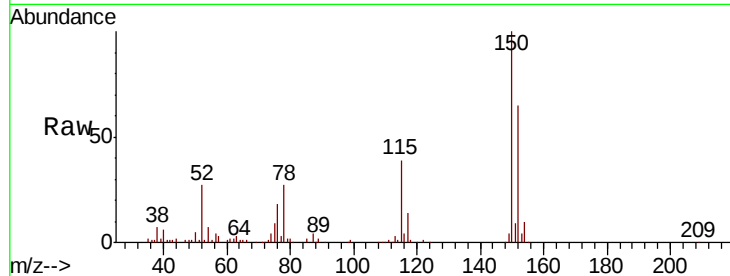


#72

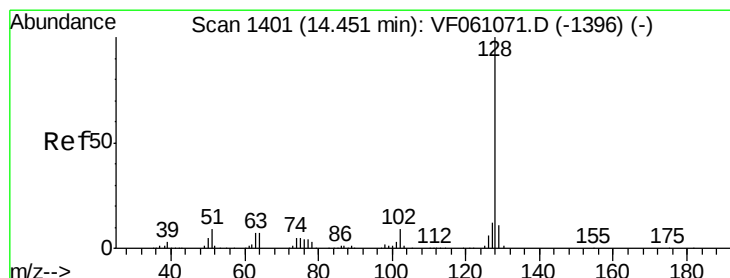
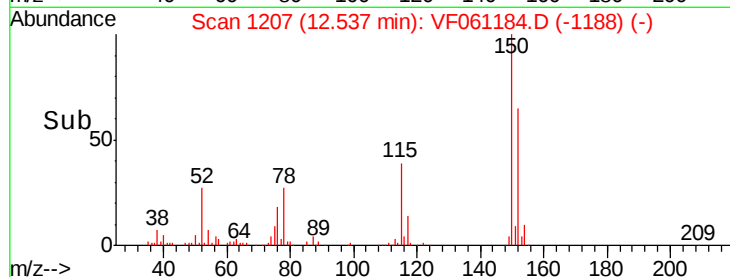
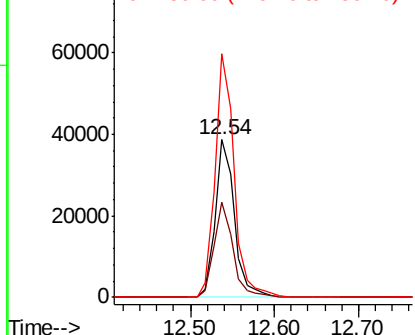
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061184.D
Acq: 26 Dec 2018 13:13

Instrument :
MSVOA_F
ClientSampleId :
P001-SS024-1218-01

Tot Ion:152 Resp: 61453
Ion Ratio Lower Upper
152 100
115 60.2 33.3 99.9
150 154.6 0.0 328.2



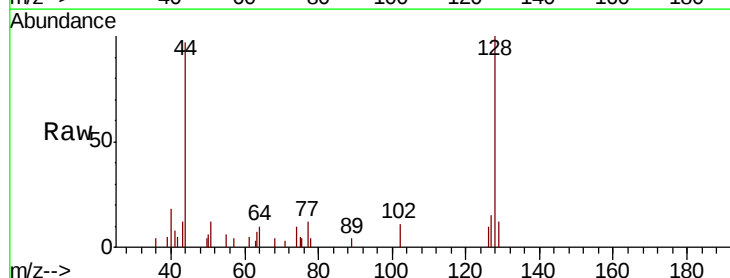
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene
Concen: 1.648 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.01 min
Lab File: VF061184.D
Acq: 26 Dec 2018 13:13

Tgt Ion:128 Resp: 4349
Ion Ratio Lower Upper
128 100
127 14.6 9.4 14.2#
129 11.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

