

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060970.D
 Acq On : 10 Dec 2018 23:08
 Operator : VA/AP
 Sample : J6196-03RE
 Misc : 6.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-120718-BRE

Quant Time: Dec 11 06:45:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

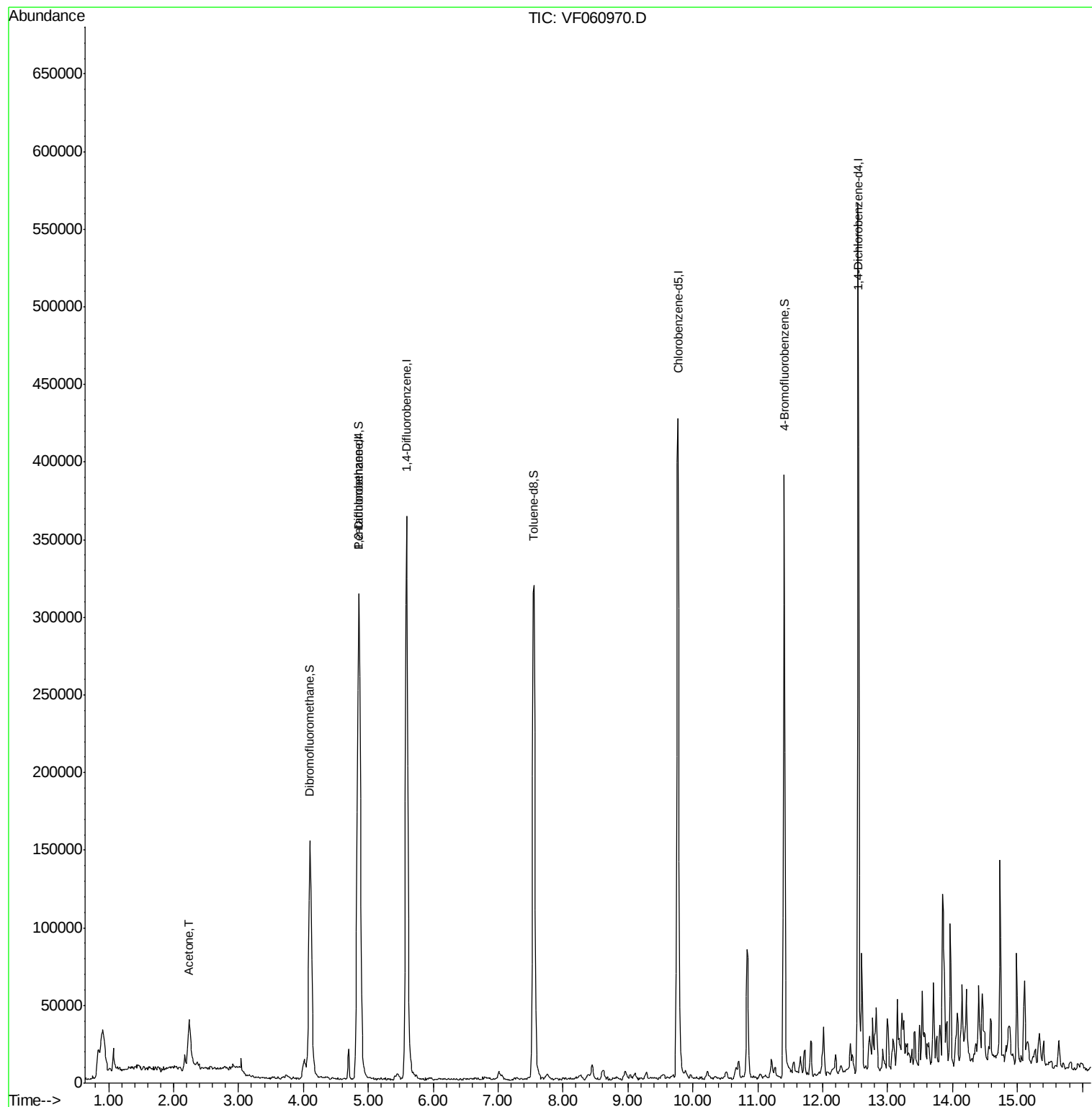
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	230106	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	404150	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	303672	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	136948	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	134975	49.79	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	4.10	113	148621	46.35	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	7.55	98	276889	29.32	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	58.64%	
62) 4-Bromofluorobenzene	11.41	95	146320	34.09	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	68.18%	
Target Compounds						
16) Acetone	2.24	43	46584	93.192	ug/l	Qvalue 97

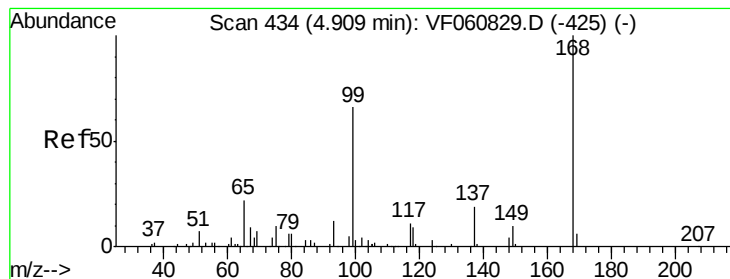
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

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Acq: 10 Dec 2018 23:08

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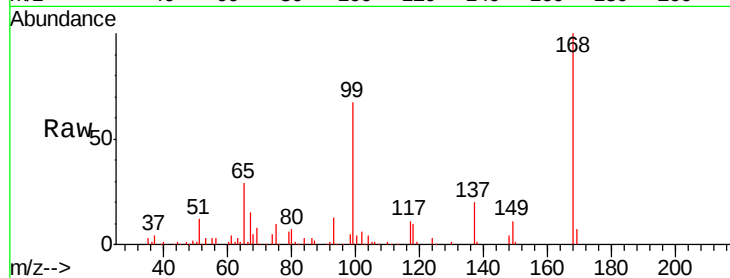
EO-03-120718-BRE

Tgt Ion:168 Resp: 230106

Ion Ratio Lower Upper

168 100

99 66.9 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

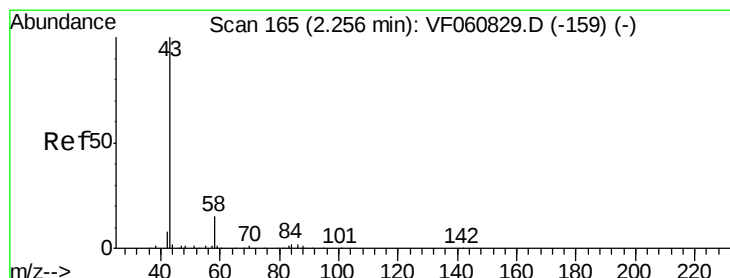
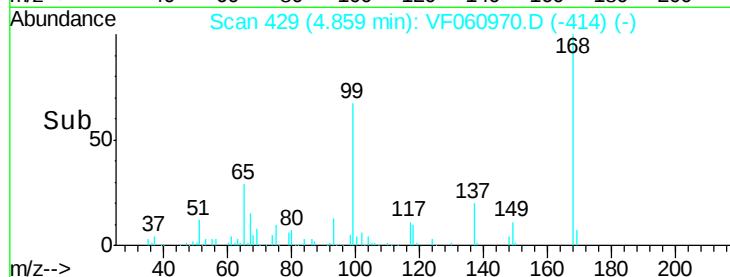
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 93.192 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060970.D

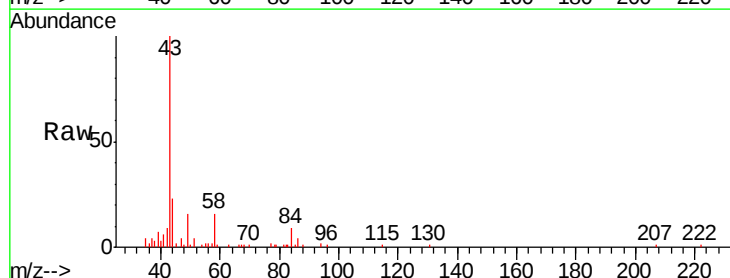
Acq: 10 Dec 2018 23:08

Tgt Ion: 43 Resp: 46584

Ion Ratio Lower Upper

43 100

58 15.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

20000

15000

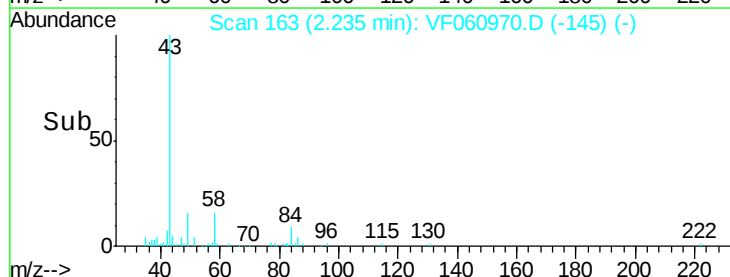
10000

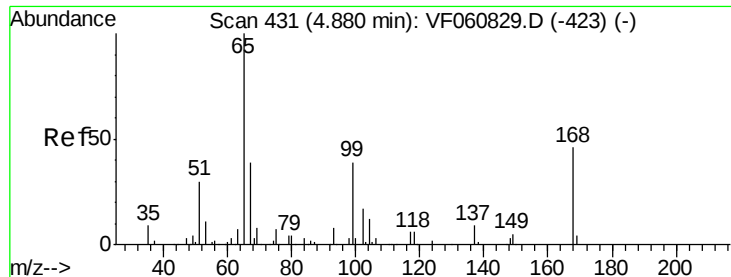
5000

0

Time-->

2.10 2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 49.793 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060970.D

Acq: 10 Dec 2018 23:08

Instrument :

MSVOA_F

ClientSampleId :

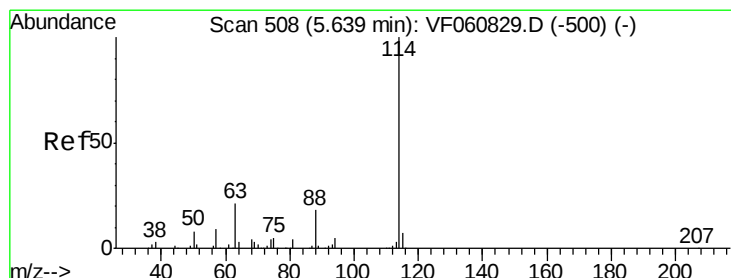
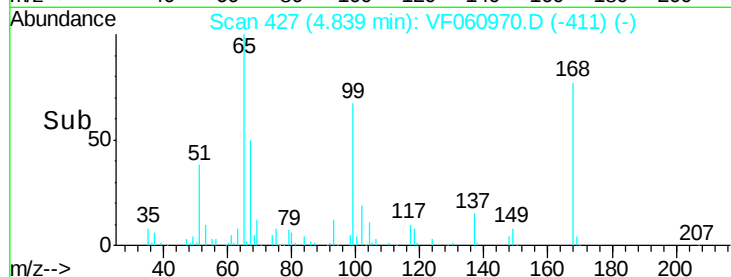
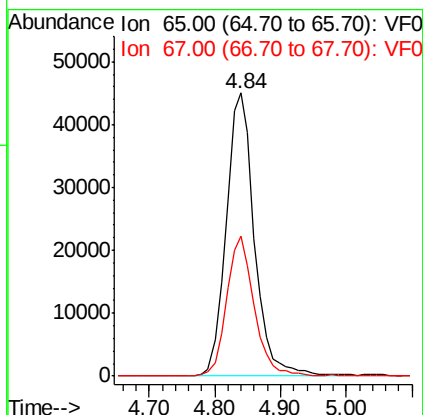
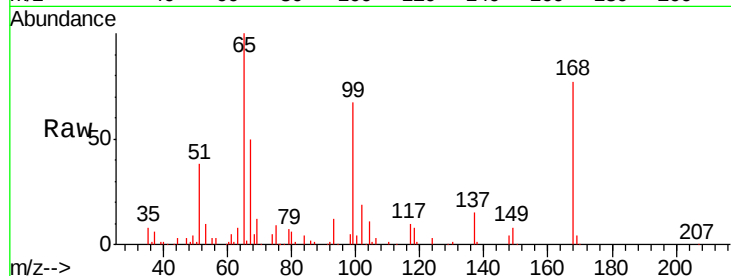
EO-03-120718-BRE

Tgt Ion: 65 Resp: 134975

Ion Ratio Lower Upper

65 100

67 49.7 0.0 96.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060970.D

Acq: 10 Dec 2018 23:08

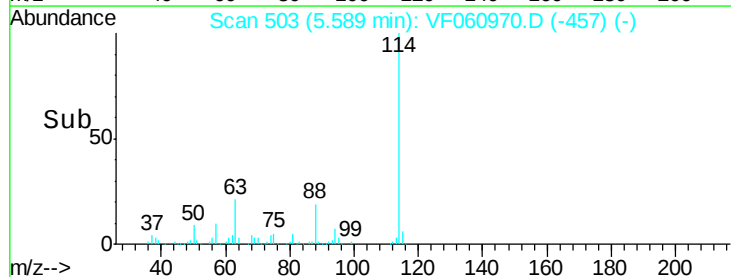
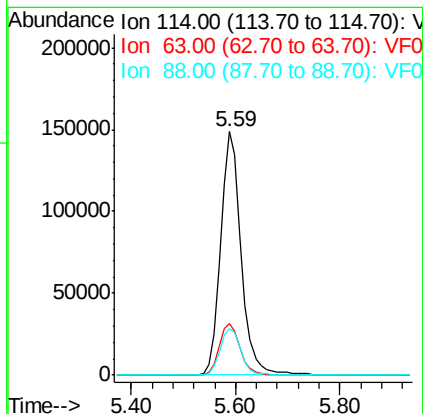
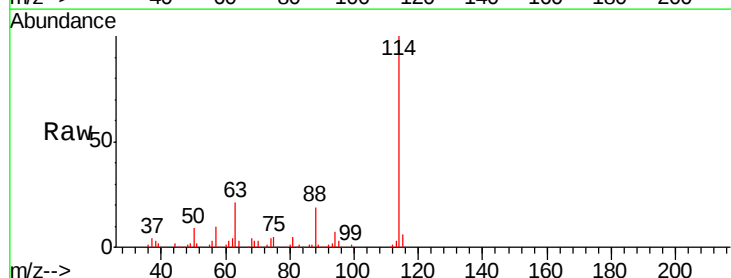
Tgt Ion: 114 Resp: 404150

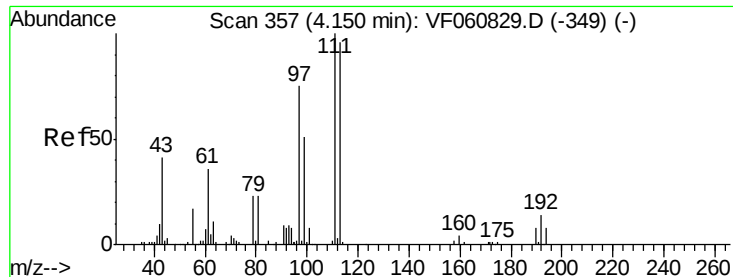
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

88 19.0 0.0 36.6

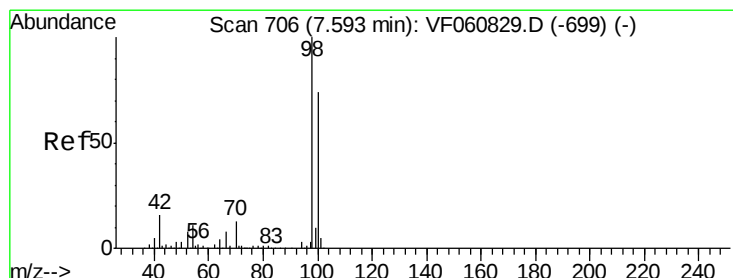
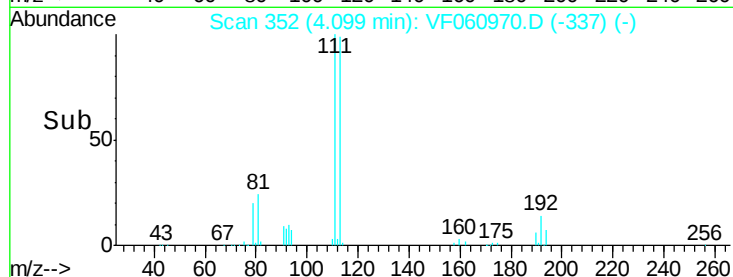
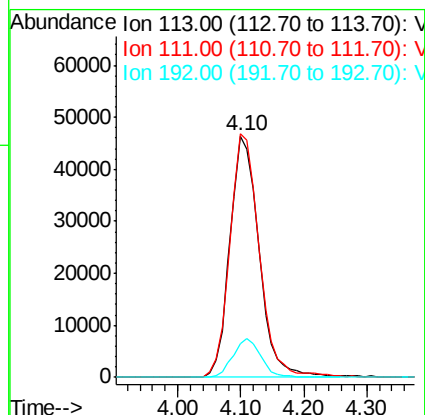
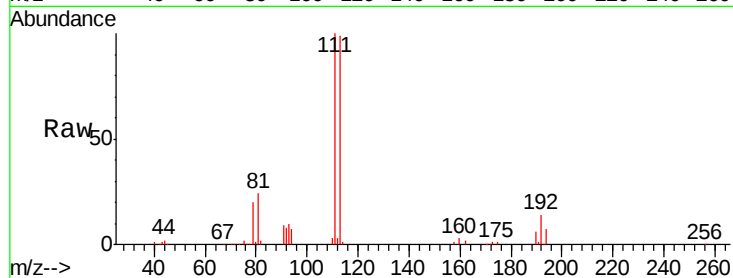




#35
Dibromofluoromethane
Concen: 46.354 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF060970.D
Acq: 10 Dec 2018 23:08

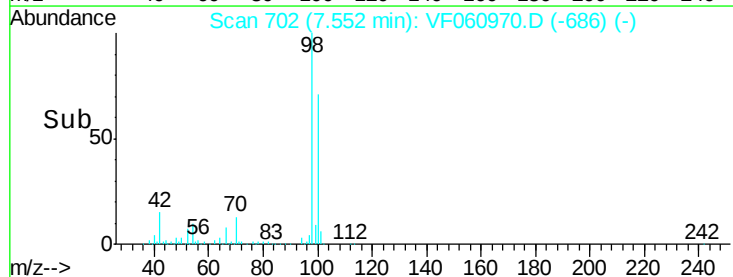
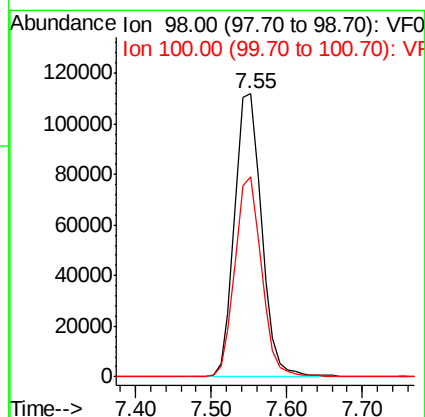
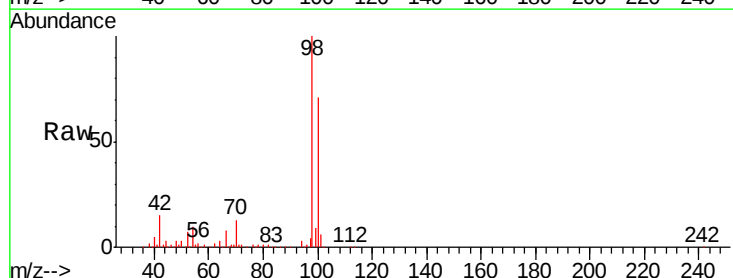
Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-BRE

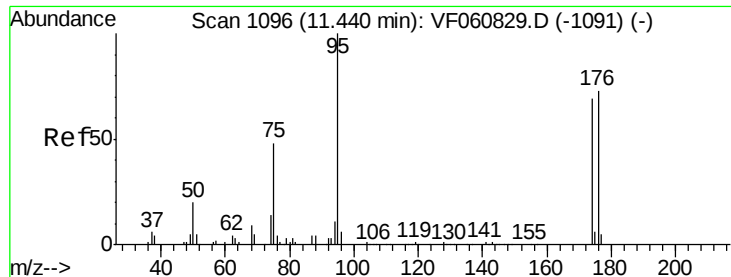
Tgt Ion:113 Resp: 148621
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 13.9 12.3 18.5



#50
Toluene-d8
Concen: 29.317 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060970.D
Acq: 10 Dec 2018 23:08

Tgt Ion: 98 Resp: 276889
Ion Ratio Lower Upper
98 100
100 70.6 59.3 88.9





#62

4-Bromofluorobenzene

Concen: 34.088 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060970.D

Acq: 10 Dec 2018 23:08

Instrument :

MSVOA_F

ClientSampleId :

EO-03-120718-BRE

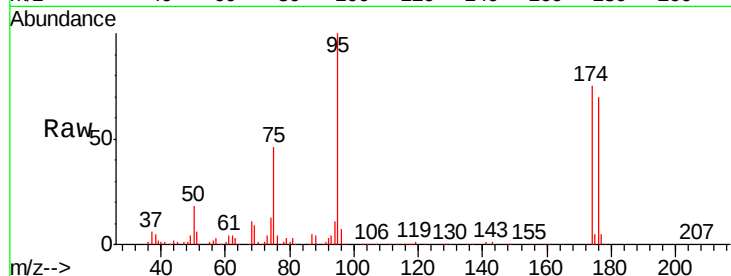
Tgt Ion: 95 Resp: 146320

Ion Ratio Lower Upper

95 100

174 75.2 0.0 138.2

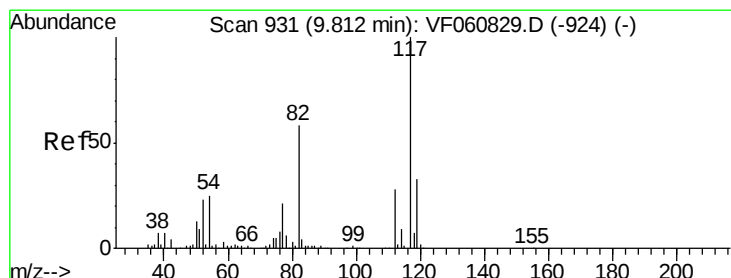
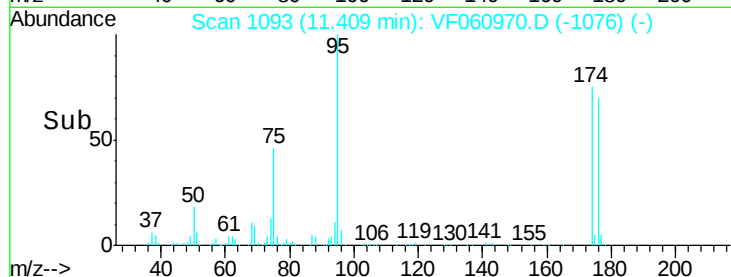
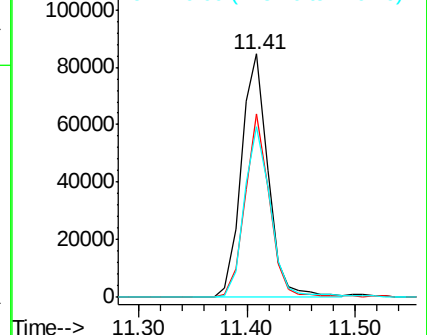
176 70.1 0.0 146.2



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: 9.77 min Scan# 927

Delta R.T. -0.04 min

Lab File: VF060970.D

Acq: 10 Dec 2018 23:08

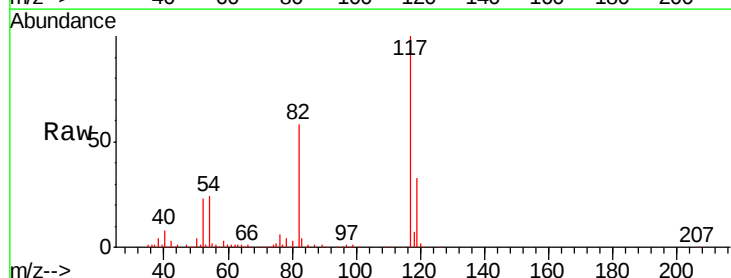
Tgt Ion: 117 Resp: 303672

Ion Ratio Lower Upper

117 100

82 58.2 46.6 69.8

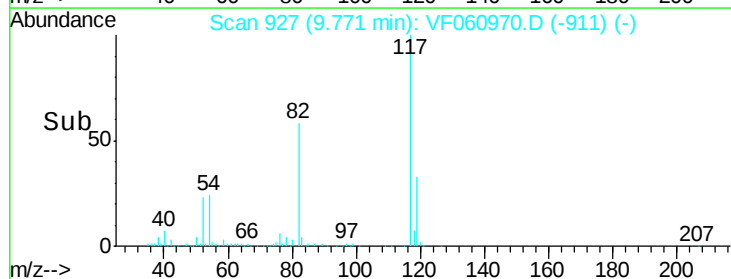
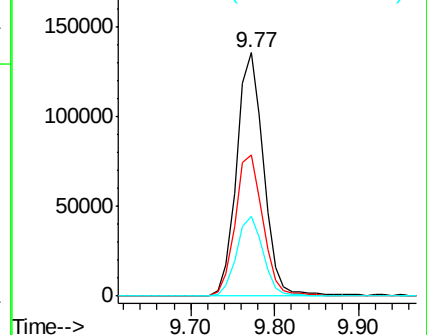
119 32.6 26.4 39.6

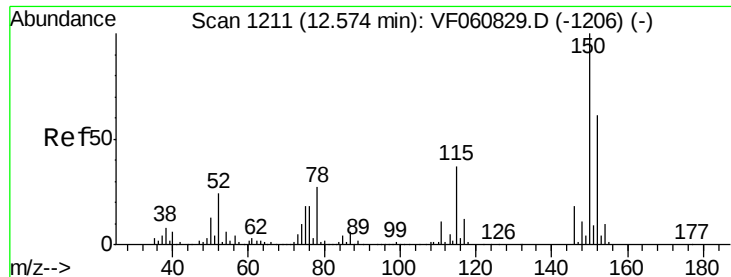


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.54 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF060970.D

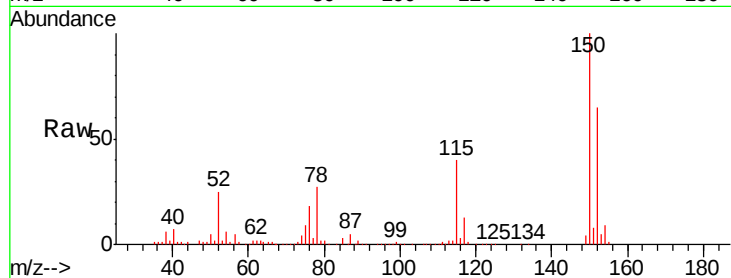
Acq: 10 Dec 2018 23:08

Instrument :

MSVOA_F

ClientSampleId :

EO-03-120718-BRE



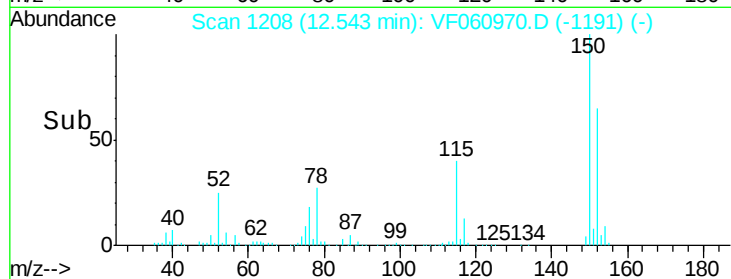
Tgt Ion:152 Resp: 136948

Ion Ratio Lower Upper

152 100

115 62.2 30.1 90.5

150 154.0 0.0 327.6



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

