

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060062.D
 Acq On : 23 Aug 2018 19:24
 Operator : VA/AP
 Sample : J4581-04
 Misc : 5.41g/5mL/MSVOA F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-A4

Quant Time: Aug 24 03:57:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	188523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	299332	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	331519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	206948	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	145089	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
35) Dibromofluoromethane	4.29	113	134937	57.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.82%	
50) Toluene-d8	7.72	98	339405	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.51	95	189027	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	

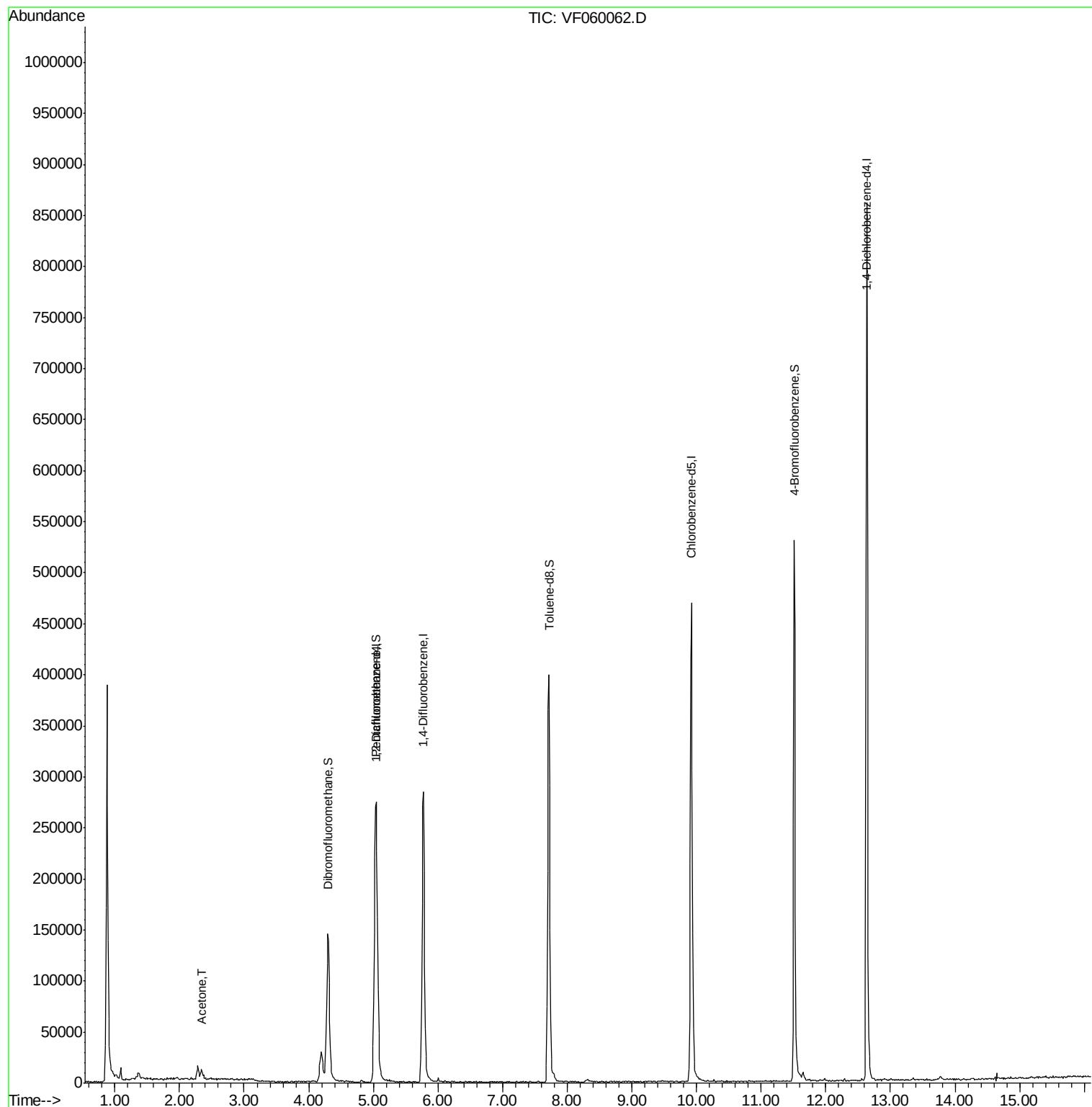
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	15221	22.45	ug/l	93

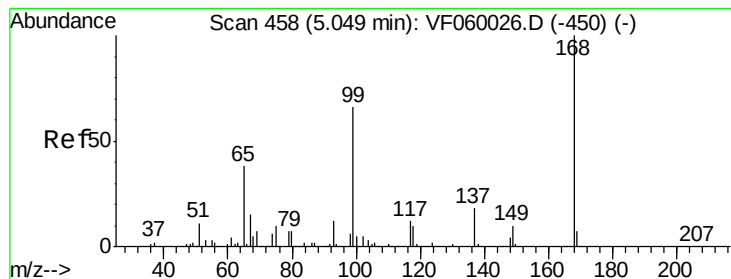
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060062.D

Acq: 23 Aug 2018 19:24

Instrument :

MSVOA_F

ClientSampleId :

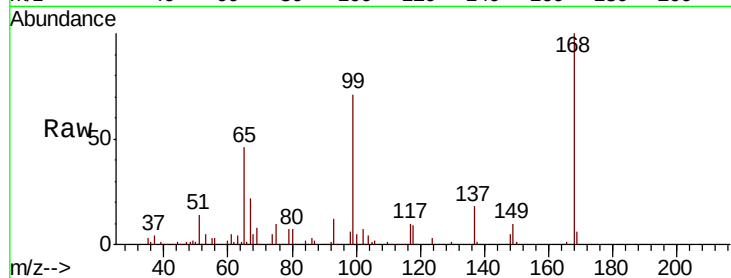
EP1-Q3-A4

Tot Ion:168 Resp: 188523

Ion Ratio Lower Upper

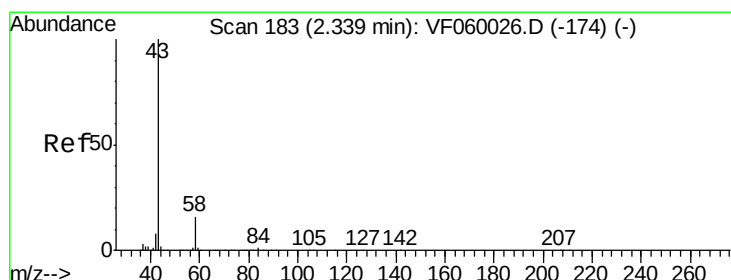
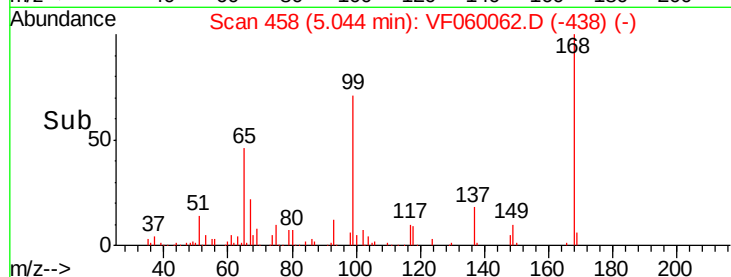
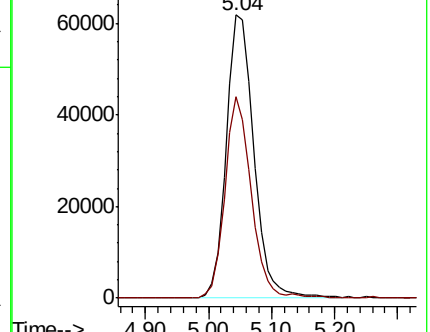
168 100

99 71.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 22.45 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF060062.D

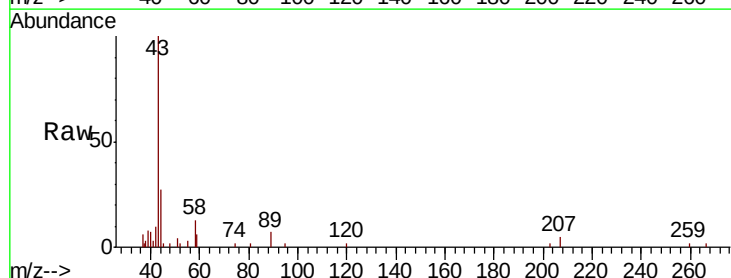
Acq: 23 Aug 2018 19:24

Tgt Ion: 43 Resp: 15221

Ion Ratio Lower Upper

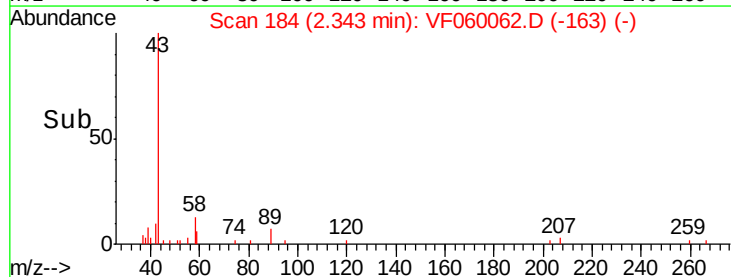
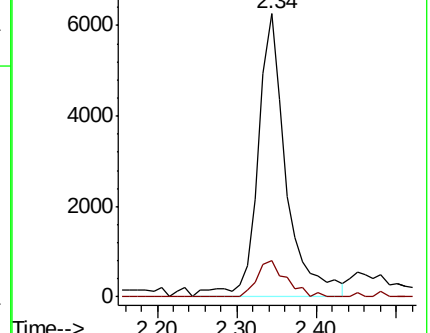
43 100

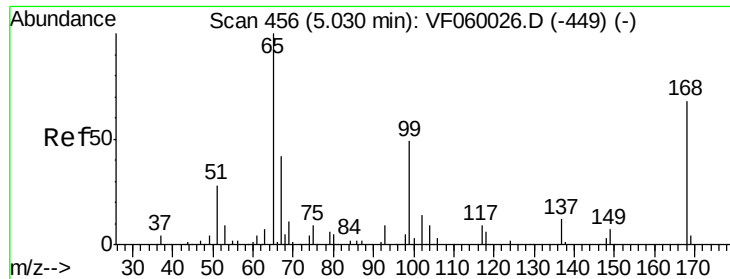
58 13.0 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

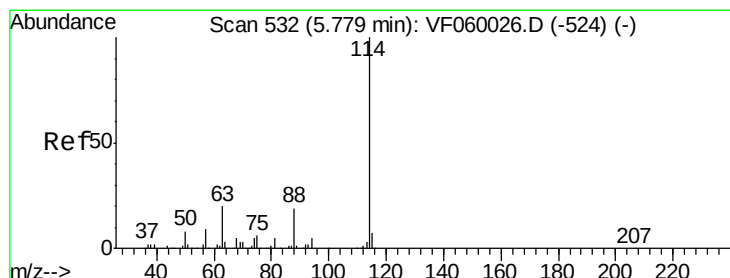
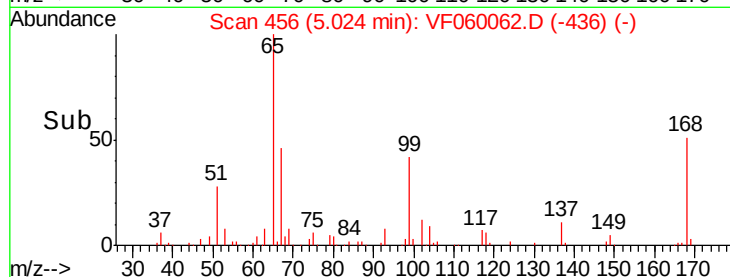
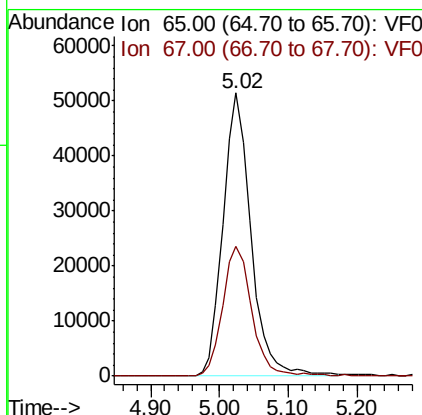
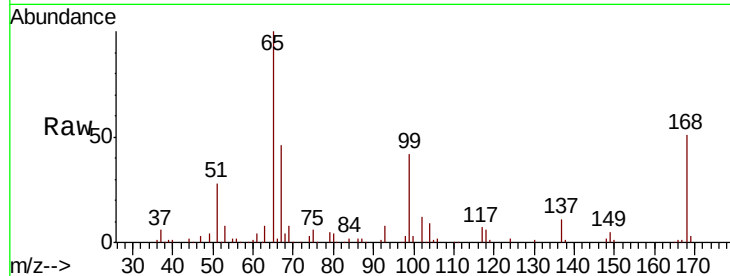




#33
 1,2-Dichloroethane-d4
 Concen: 56.23 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VF060062.D
 Acq: 23 Aug 2018 19:24

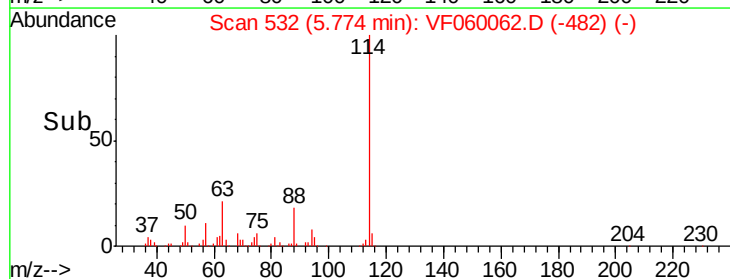
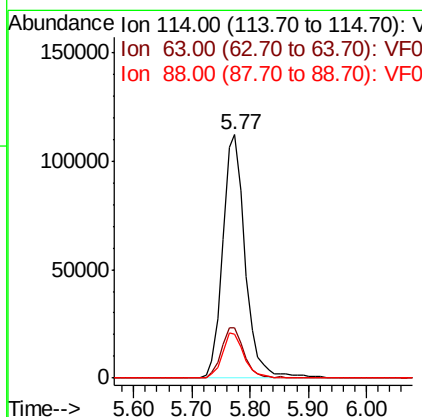
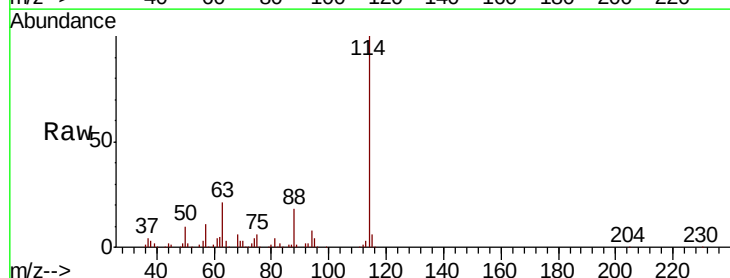
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-A4

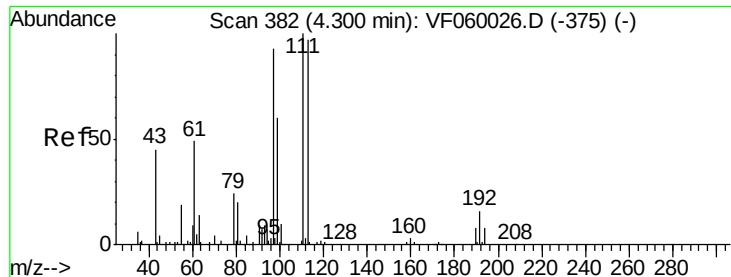
Tot Ion: 65 Resp: 145089
 Ion Ratio Lower Upper
 65 100
 67 45.9 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VF060062.D
 Acq: 23 Aug 2018 19:24

Tgt Ion: 114 Resp: 299332
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 18.0 0.0 38.6

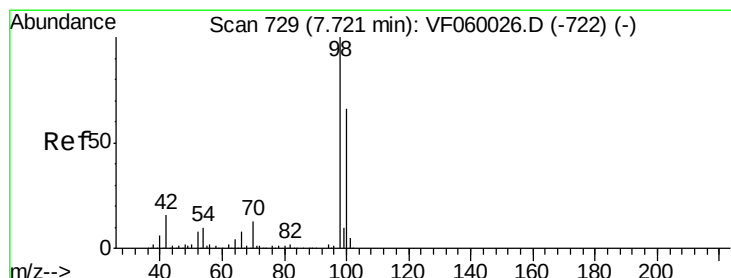
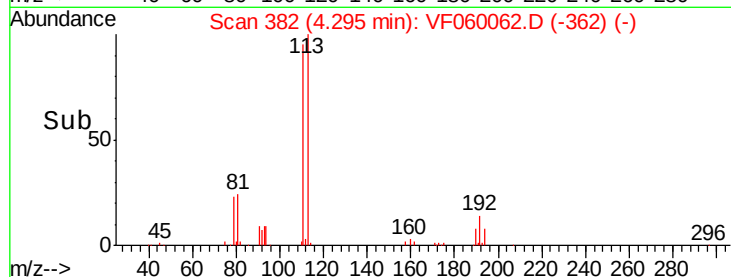
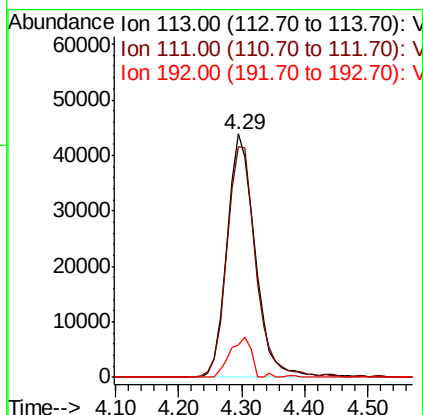
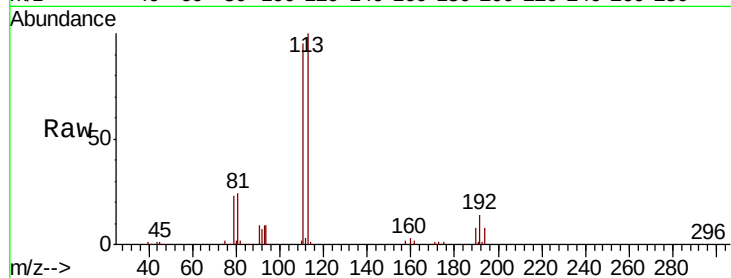




#35
 Dibromofluoromethane
 Concen: 57.41 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VF060062.D
 Acq: 23 Aug 2018 19:24

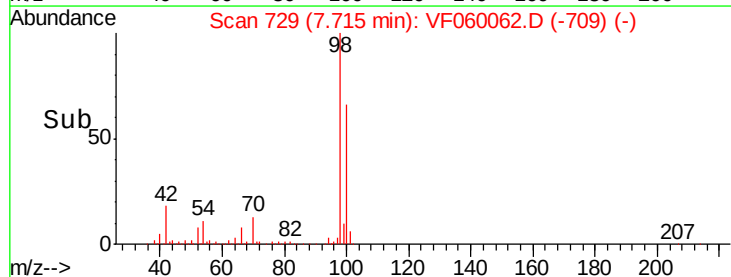
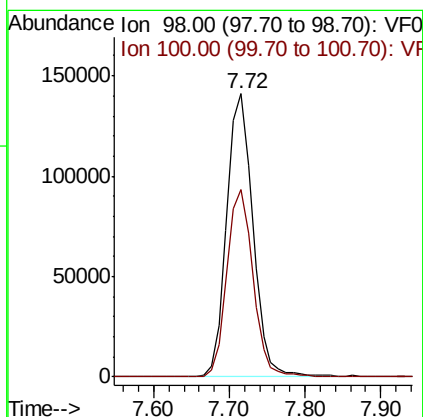
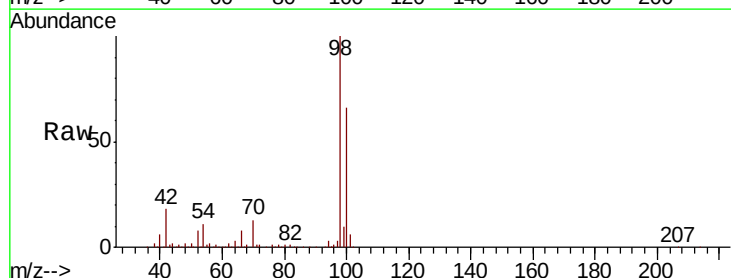
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-A4

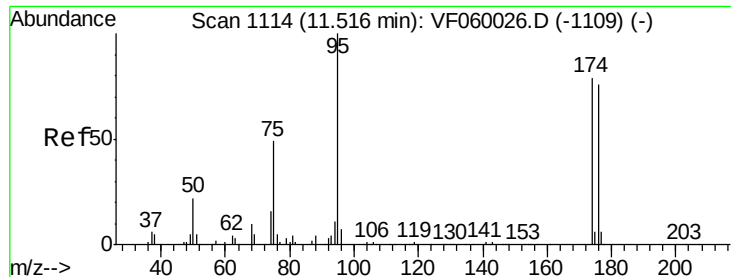
Tot Ion	Ratio	Lower	Upper
113	100		
111	94.6	82.7	124.1
192	13.5	13.0	19.4



#50
 Toluene-d8
 Concen: 50.84 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: VF060062.D
 Acq: 23 Aug 2018 19:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 53.53 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060062.D

Acq: 23 Aug 2018 19:24

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-A4

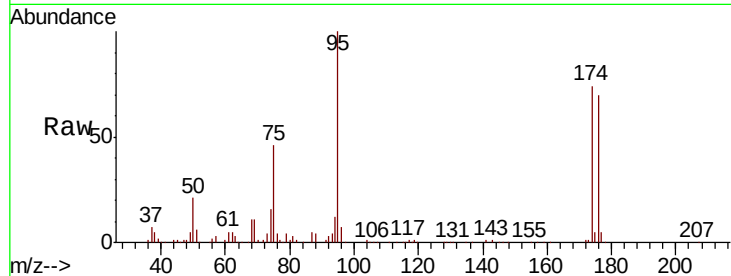
Tot Ion: 95 Resp: 189027

Ion Ratio Lower Upper

95 100

174 73.7 0.0 158.4

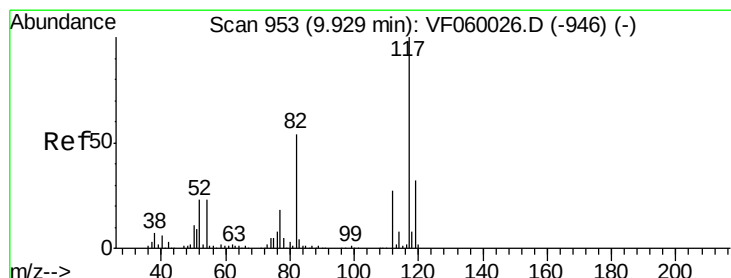
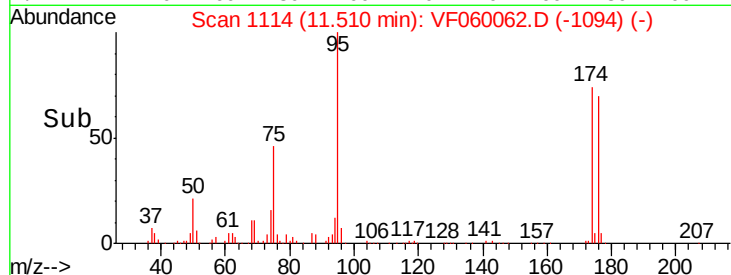
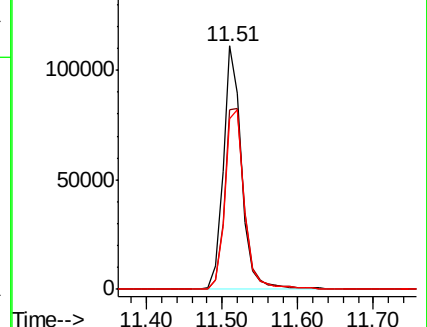
176 70.2 0.0 153.0



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: 9.92 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF060062.D

Acq: 23 Aug 2018 19:24

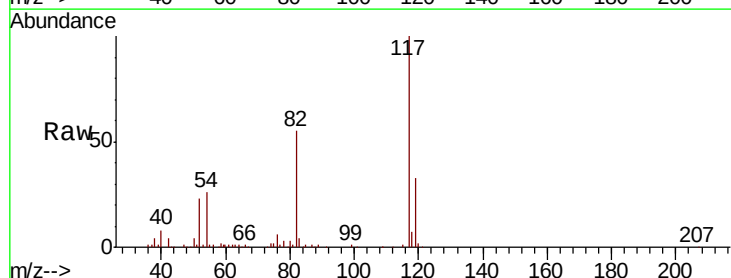
Tgt Ion: 117 Resp: 331519

Ion Ratio Lower Upper

117 100

82 55.5 43.6 65.4

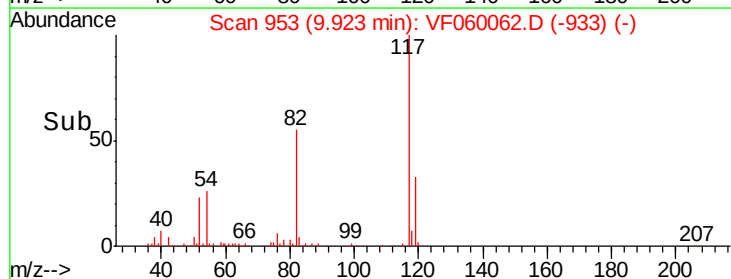
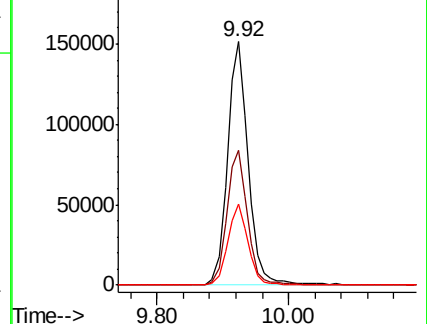
119 33.1 25.6 38.4

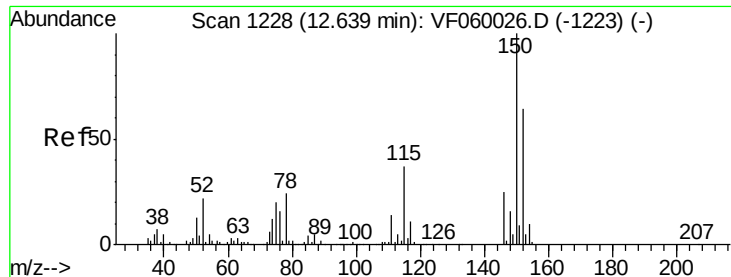


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF060062.D

Acq: 23 Aug 2018 19:24

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-A4

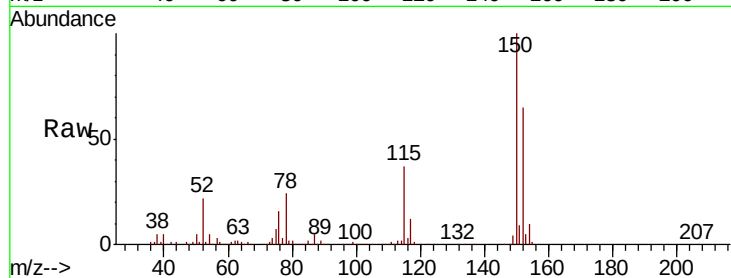
Tot Ion:152 Resp: 206948

Ion Ratio Lower Upper

152 100

115 57.5 28.6 85.9

150 154.1 0.0 312.0



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

