

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060100.D
 Acq On : 24 Aug 2018 15:20
 Operator : VA/AP
 Sample : J4581-14
 Misc : 5.76g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-FD-01

Quant Time: Aug 25 04:34:26 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	167894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	261193	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	305338	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	180308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	103195	44.91	ug/l	-0.02
Spiked Amount			Recovery	=	89.82%	
35) Dibromofluoromethane	4.28	113	105274	51.33	ug/l	-0.02
Spiked Amount			Recovery	=	102.66%	
50) Toluene-d8	7.70	98	280432	48.14	ug/l	-0.02
Spiked Amount			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.51	95	152304	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	

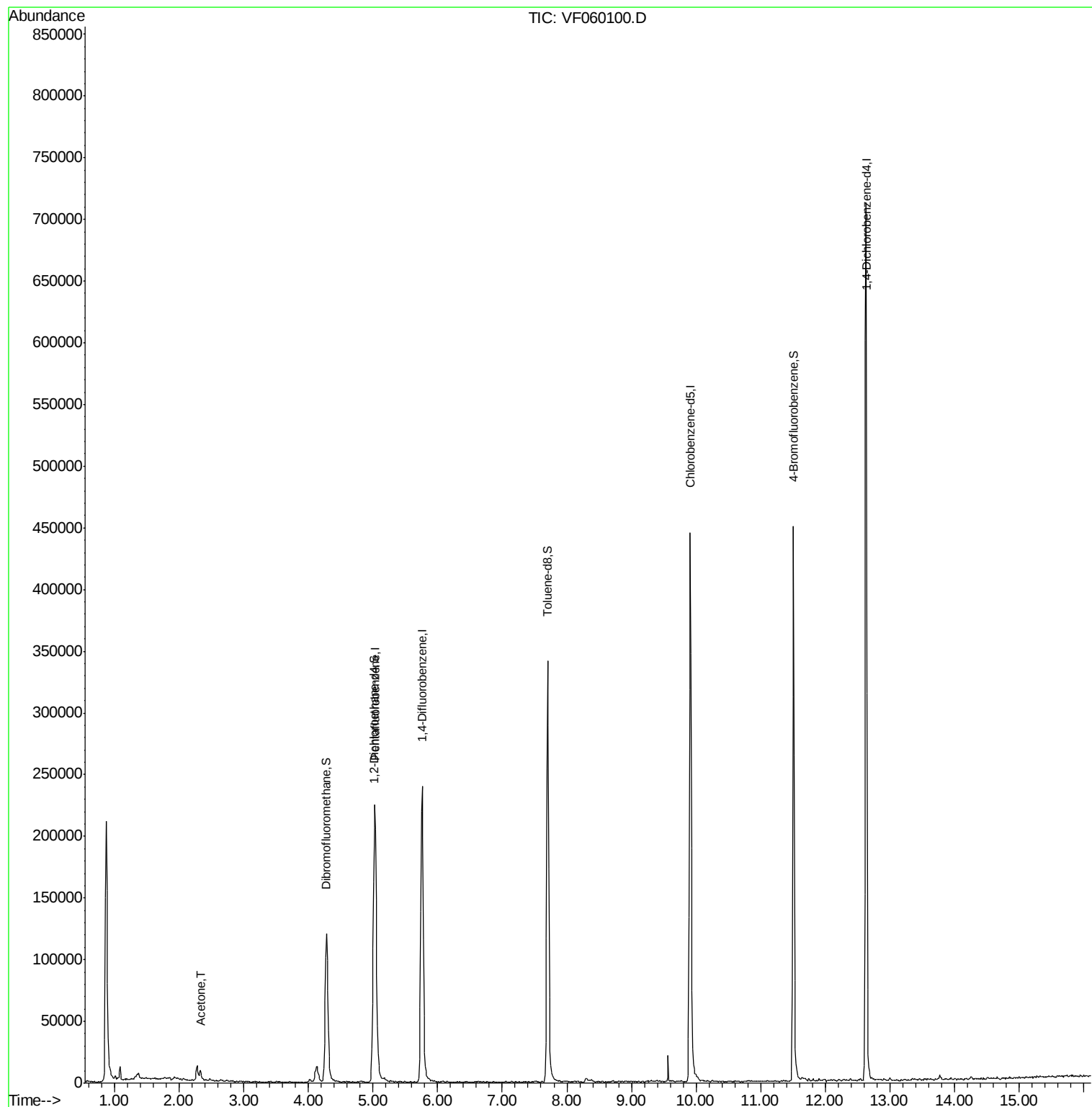
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	8141	13.48	ug/l	# 74

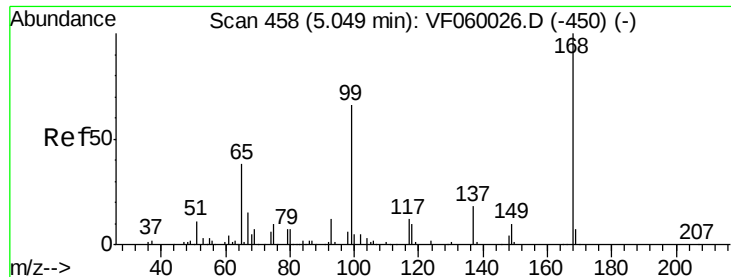
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 457

Delta R.T. -0.01 min

Lab File: VF060100.D

Acq: 24 Aug 2018 15:20

Instrument :

MSVOA_F

ClientSampleId :

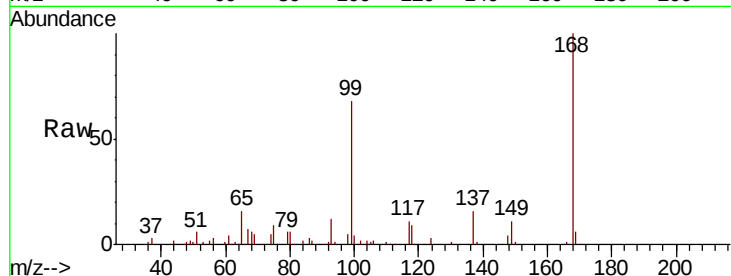
EP1-Q3-FD-01

Tot Ion:168 Resp: 167894

Ion Ratio Lower Upper

168 100

99 68.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

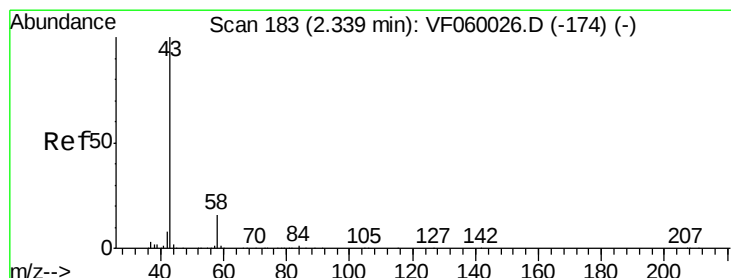
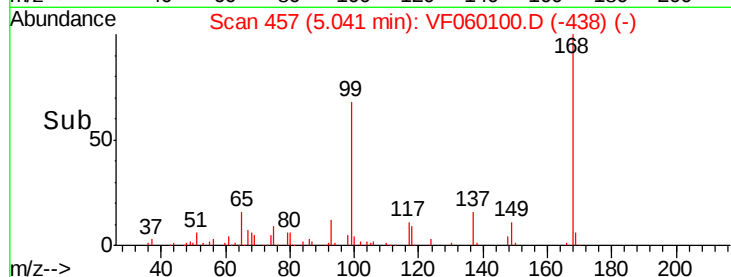
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 13.48 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060100.D

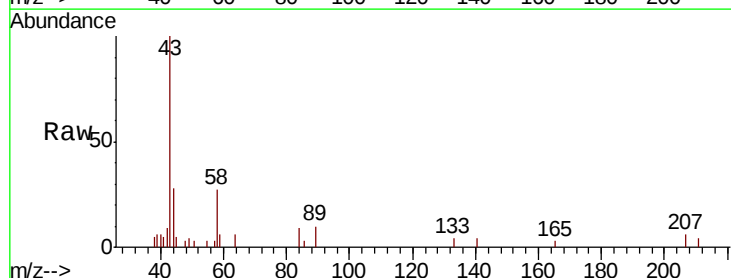
Acq: 24 Aug 2018 15:20

Tgt Ion: 43 Resp: 8141

Ion Ratio Lower Upper

43 100

58 26.8 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

4000

3000

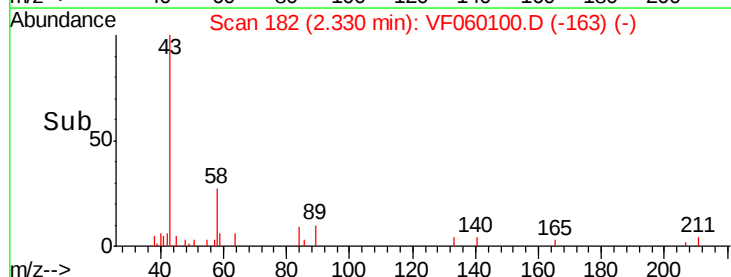
2000

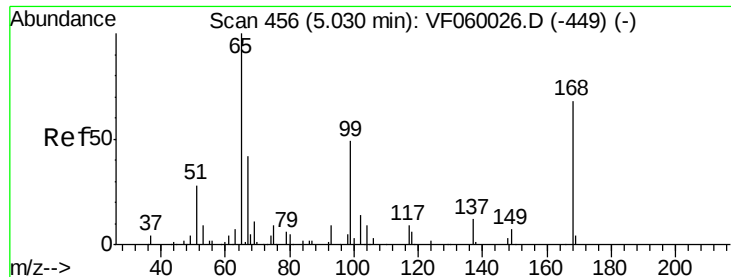
1000

0

Time-->

2.25 2.30 2.35 2.40





#33

1,2-Dichloroethane-d4

Concen: 44.91 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060100.D

Acq: 24 Aug 2018 15:20

Instrument :

MSVOA_F

ClientSampleId :

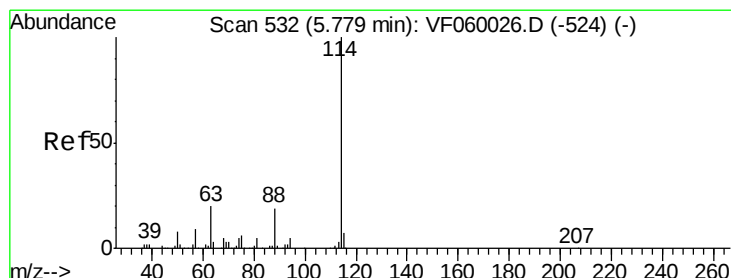
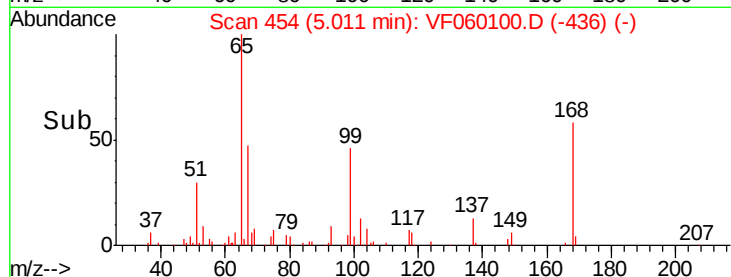
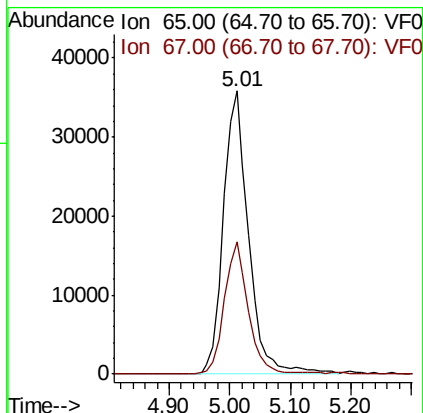
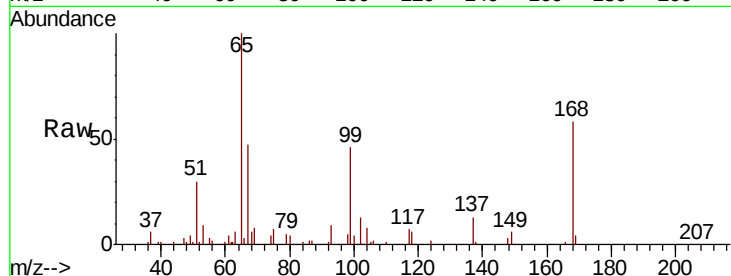
EP1-Q3-FD-01

Tot Ion: 65 Resp: 103195

Ion Ratio Lower Upper

65 100

67 46.7 0.0 92.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060100.D

Acq: 24 Aug 2018 15:20

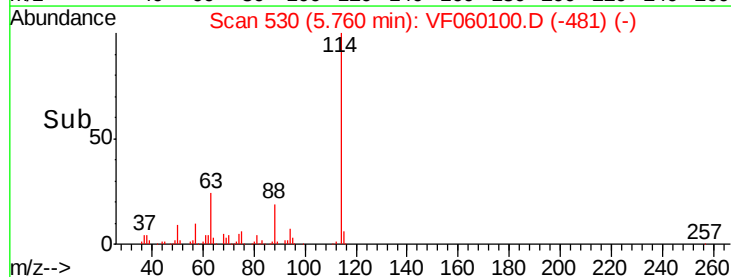
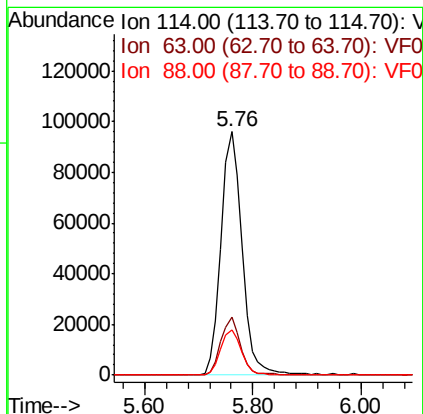
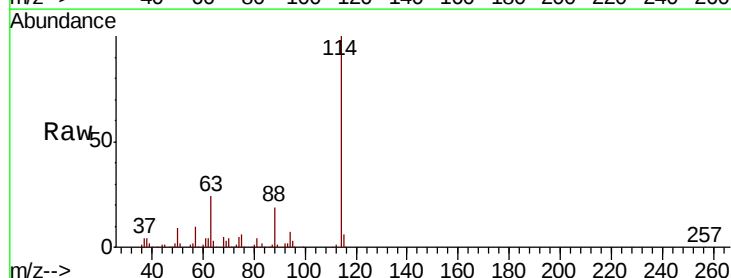
Tgt Ion: 114 Resp: 261193

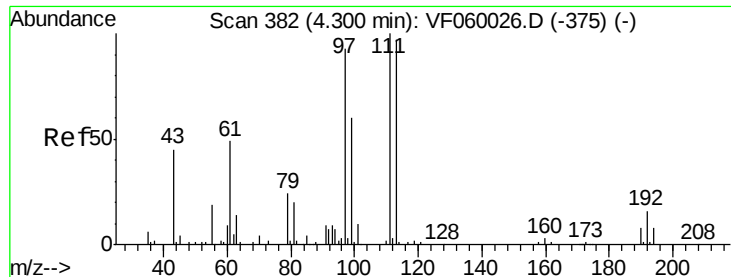
Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.4

88 18.6 0.0 38.6

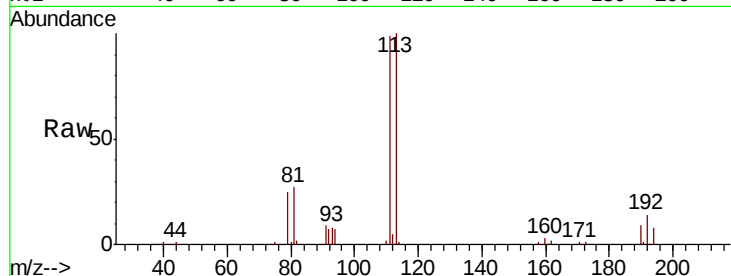




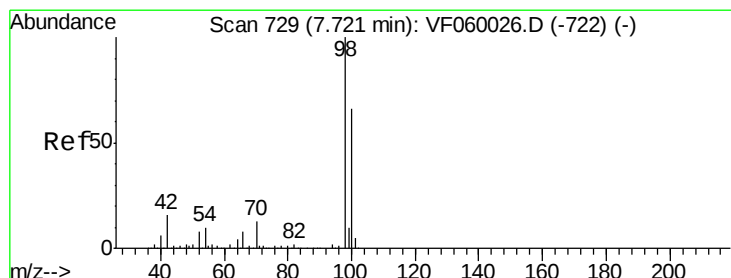
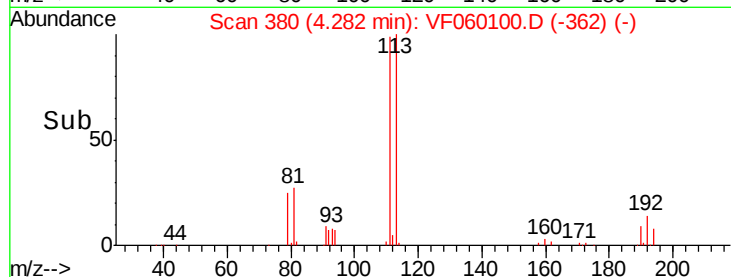
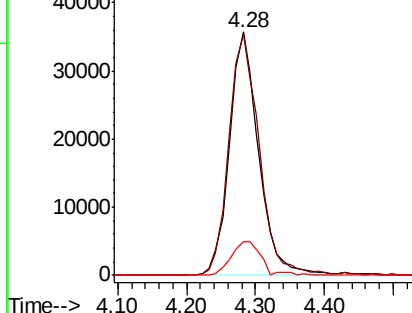
#35
 Dibromofluoromethane
 Concen: 51.33 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF060100.D
 Acq: 24 Aug 2018 15:20

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-FD-01

Tot Ion:113 Resp: 105274
 Ion Ratio Lower Upper
 113 100
 111 98.8 82.7 124.1
 192 13.7 13.0 19.4

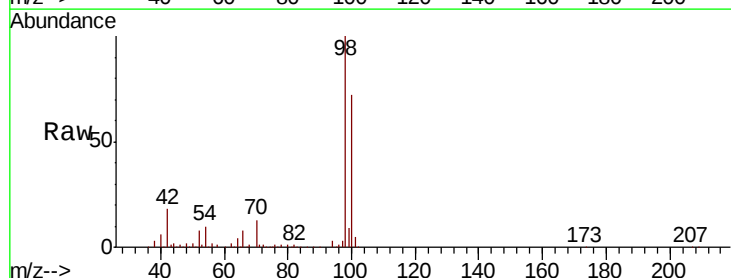


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

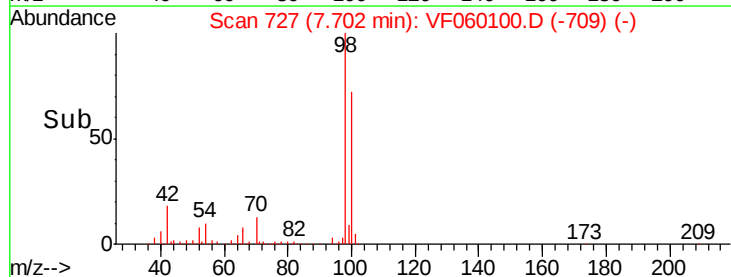
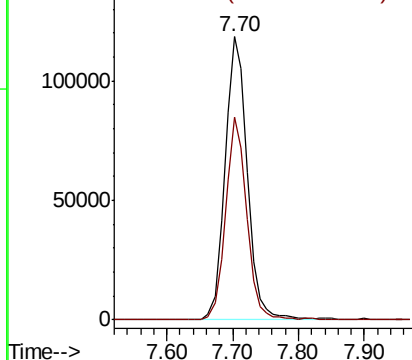


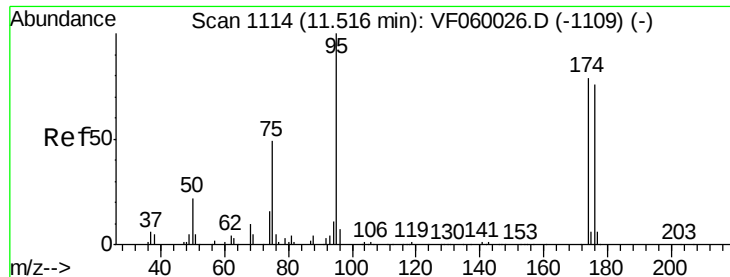
#50
 Toluene-d8
 Concen: 48.14 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF060100.D
 Acq: 24 Aug 2018 15:20

Tgt Ion: 98 Resp: 280432
 Ion Ratio Lower Upper
 98 100
 100 71.6 53.2 79.8



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





#62

4-Bromofluorobenzene

Concen: 49.43 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060100.D

Acq: 24 Aug 2018 15:20

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-FD-01

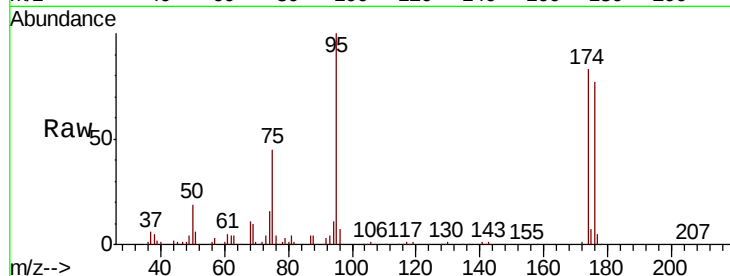
Tot Ion: 95 Resp: 152304

Ion Ratio Lower Upper

95 100

174 82.6 0.0 158.4

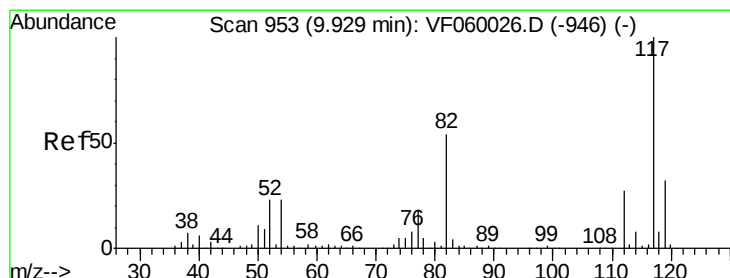
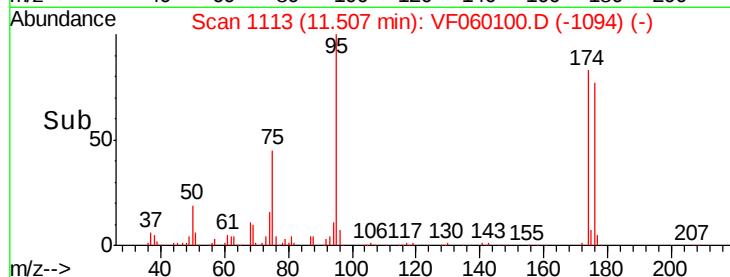
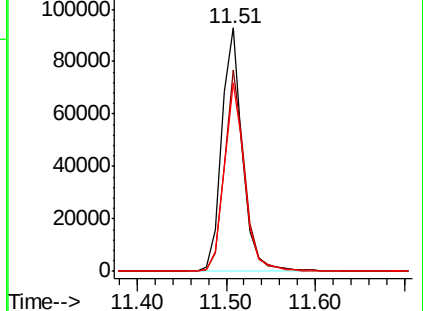
176 77.2 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF060100.D

Acq: 24 Aug 2018 15:20

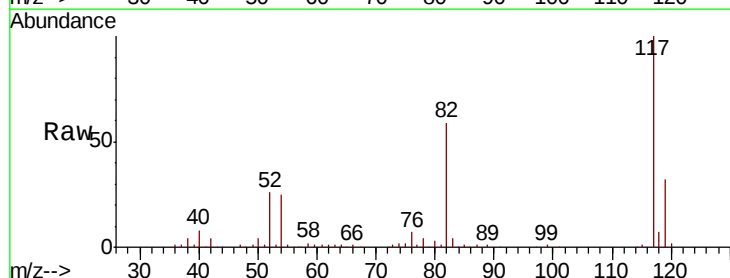
Tgt Ion: 117 Resp: 305338

Ion Ratio Lower Upper

117 100

82 59.0 43.6 65.4

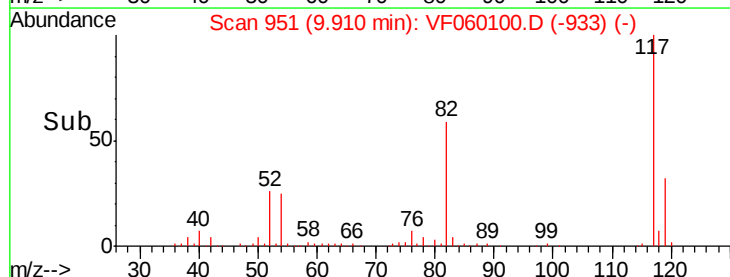
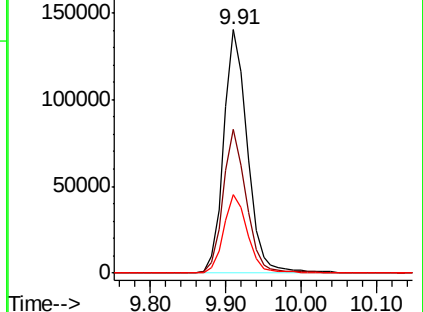
119 32.3 25.6 38.4

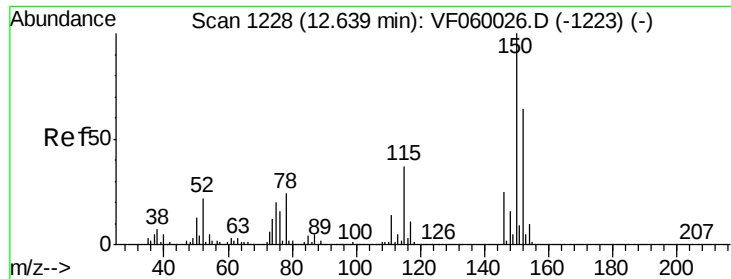


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF060100.D

Acq: 24 Aug 2018 15:20

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-FD-01

Tot Ion:152 Resp: 180308

Ion Ratio Lower Upper

152 100

115 58.3 28.6 85.9

150 154.4 0.0 312.0

