

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060158.D
 Acq On : 28 Aug 2018 19:03
 Operator : VA/AP
 Sample : J4646-08RE
 Misc : 5.53q/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B7RE

Quant Time: Aug 29 01:45:47 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	5.03	168	105888	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	138069	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	120391	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	53725	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	36197	24.98	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	49.96%	
35) Dibromofluoromethane	4.27	113	43113	39.77	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	79.54%	
50) Toluene-d8	7.71	98	130705	42.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.90%	
62) 4-Bromofluorobenzene	11.50	95	47530	29.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	58.36%	

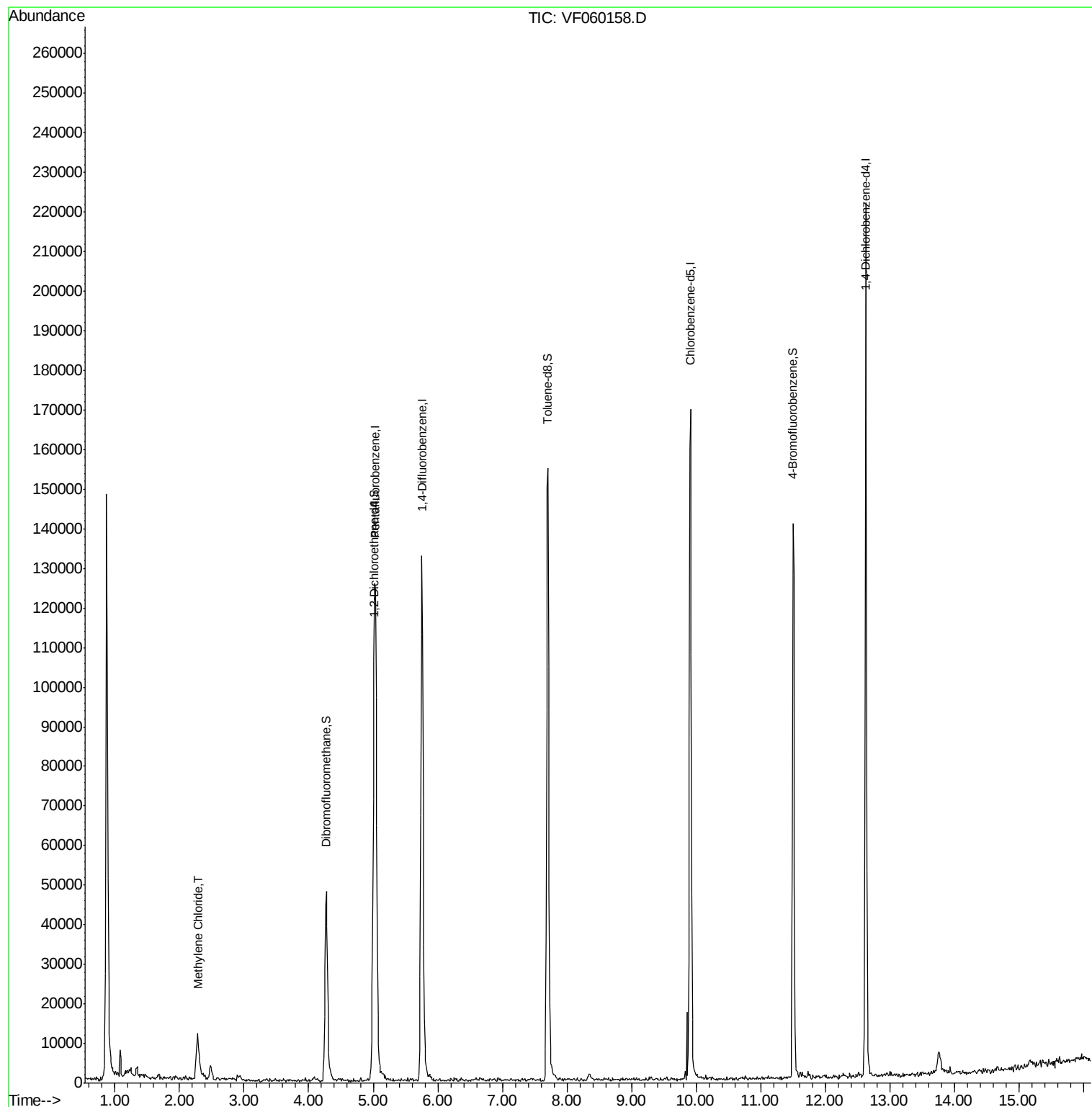
Target Compounds						Qvalue
20) Methylene Chloride	2.28	84	6706	4.25	ug/l	# 86

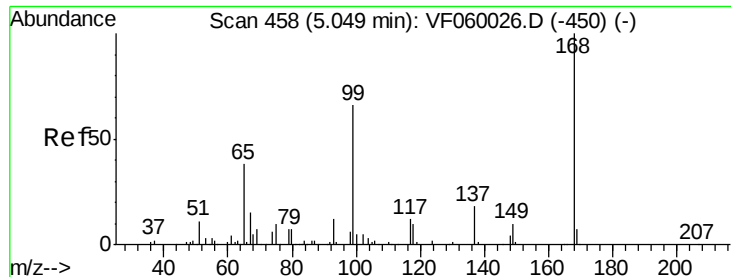
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF060158.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

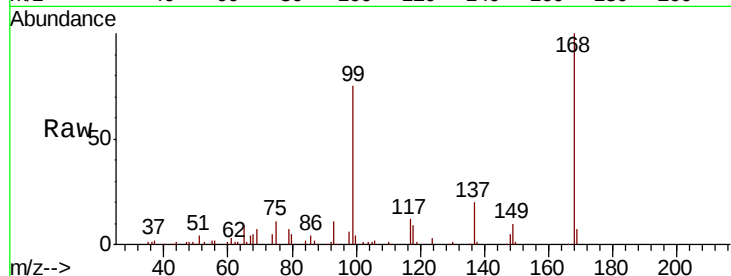
EP1-Q4-B7RE

Tot Ion:168 Resp: 105888

Ion Ratio Lower Upper

168 100

99 75.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

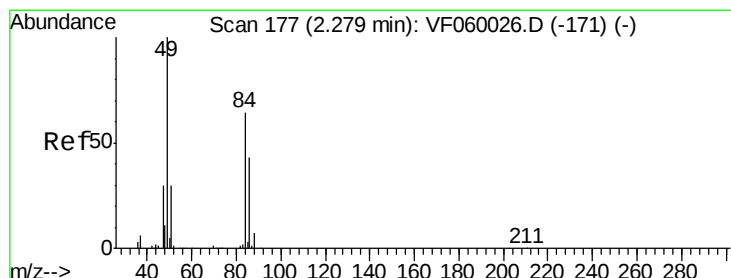
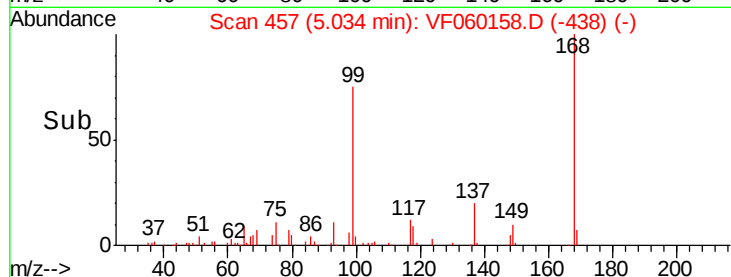
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 4.25 ug/l

RT: 2.28 min Scan# 178

Delta R.T. 0.00 min

Lab File: VF060158.D

Acq: 28 Aug 2018 19:03

Tgt Ion: 84 Resp: 6706

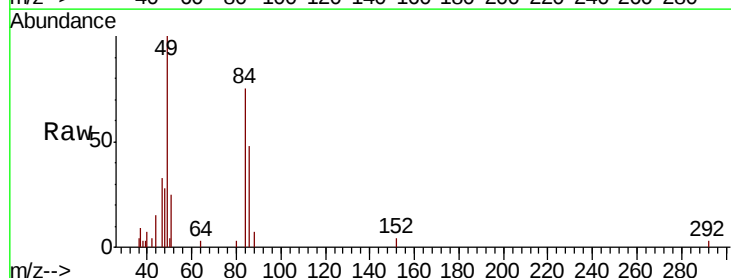
Ion Ratio Lower Upper

84 100

49 133.9 125.4 188.0

51 34.1 38.3 57.5#

86 64.5 53.3 79.9



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

5000

4000

3000

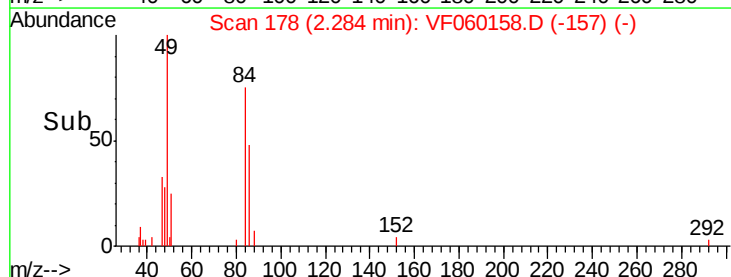
2000

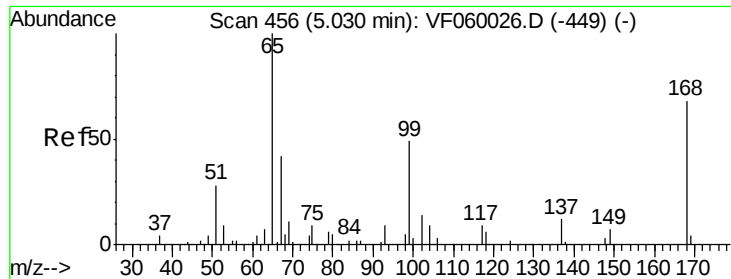
1000

0

Time-->

2.20 2.30 2.40

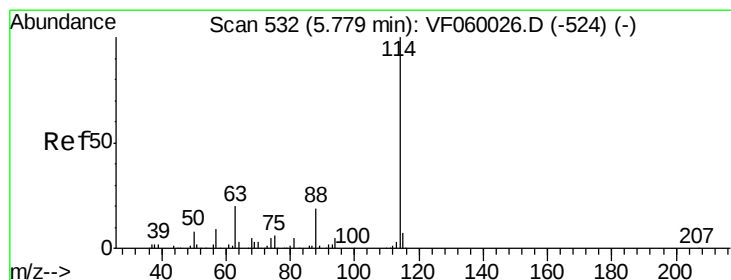
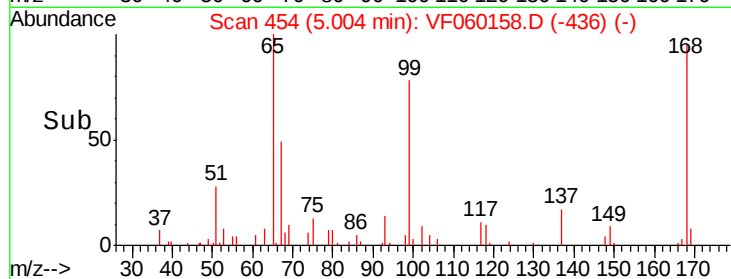
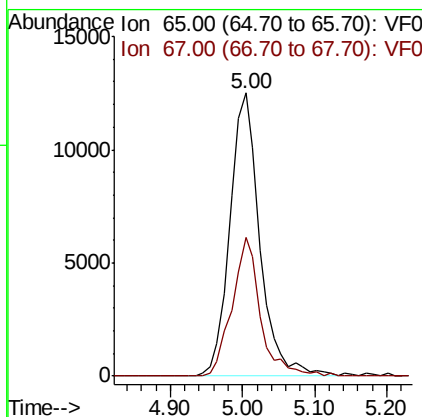
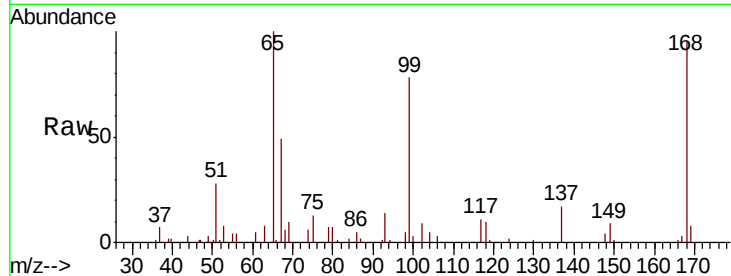




#33
 1,2-Dichloroethane-d4
 Concen: 24.98 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: VF060158.D
 Acq: 28 Aug 2018 19:03

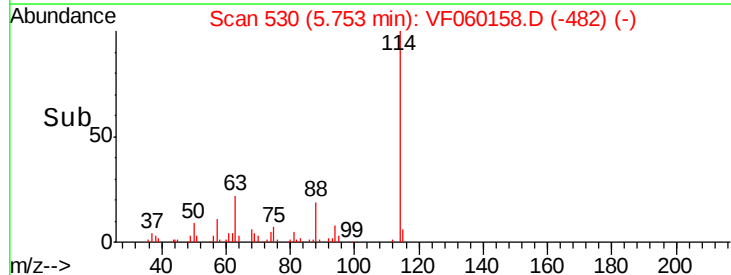
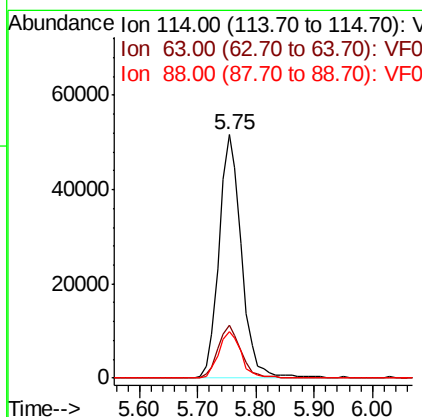
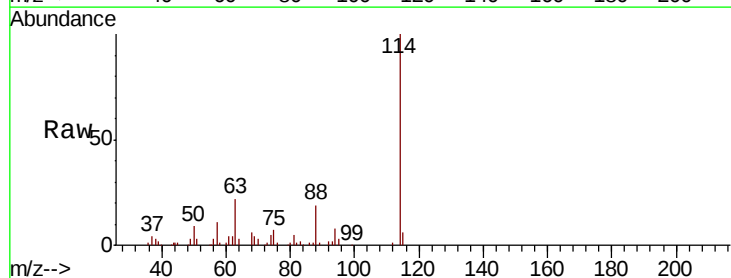
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B7RE

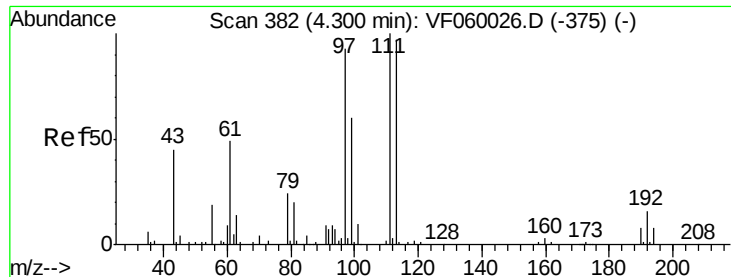
Tot Ion: 65 Resp: 36197
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF060158.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 114 Resp: 138069
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.4
 88 19.1 0.0 38.6

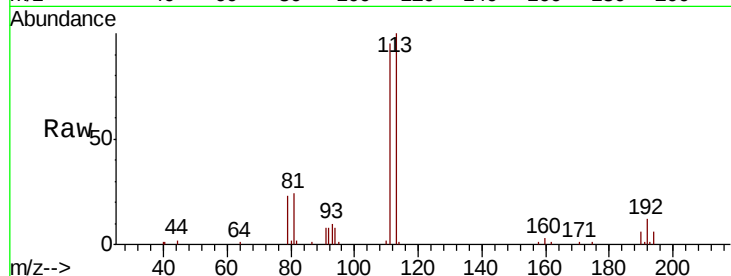




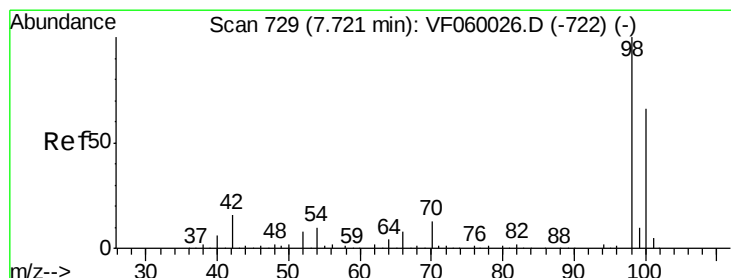
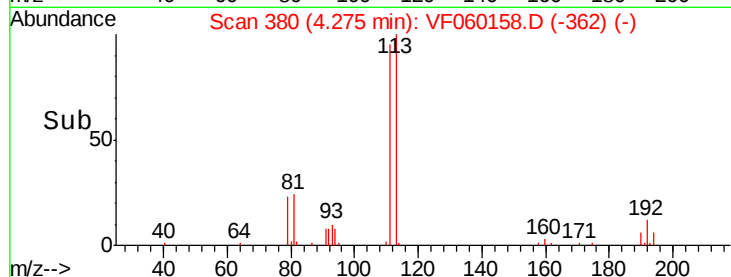
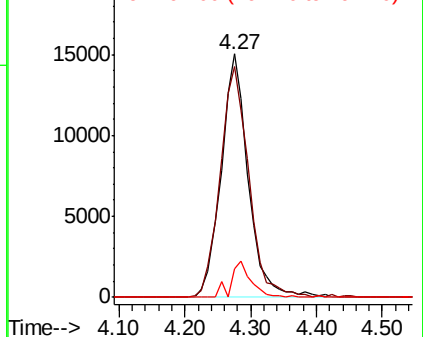
#35
 Dibromofluoromethane
 Concen: 39.77 ug/l
 RT: 4.27 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VF060158.D
 Acq: 28 Aug 2018 19:03

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B7RE

Tot Ion:113 Resp: 43113
 Ion Ratio Lower Upper
 113 100
 111 95.0 82.7 124.1
 192 11.6 13.0 19.4#

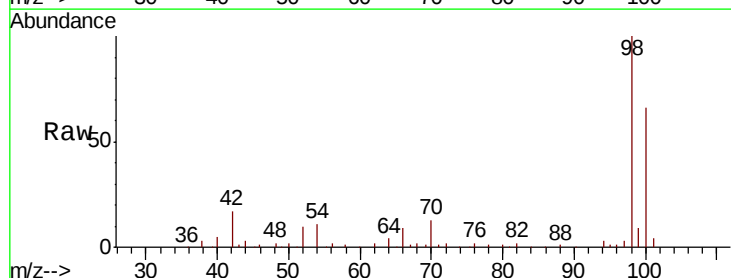


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

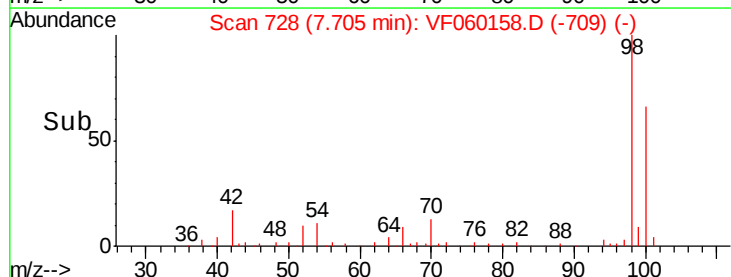
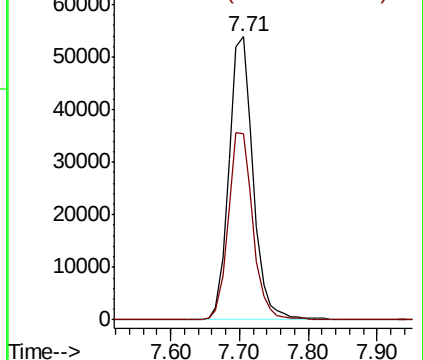


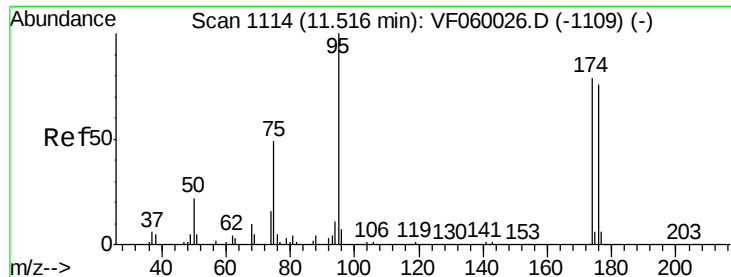
#50
 Toluene-d8
 Concen: 42.45 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: VF060158.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 98 Resp: 130705
 Ion Ratio Lower Upper
 98 100
 100 65.6 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: 29.18 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF060158.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-B7RE

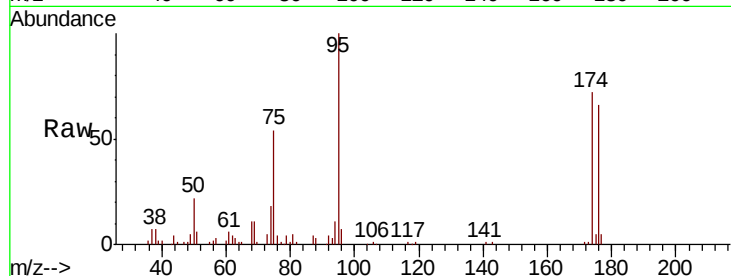
Tot Ion: 95 Resp: 47530

Ion Ratio Lower Upper

95 100

174 72.5 0.0 158.4

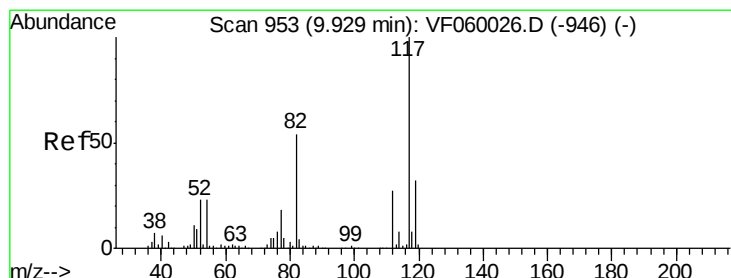
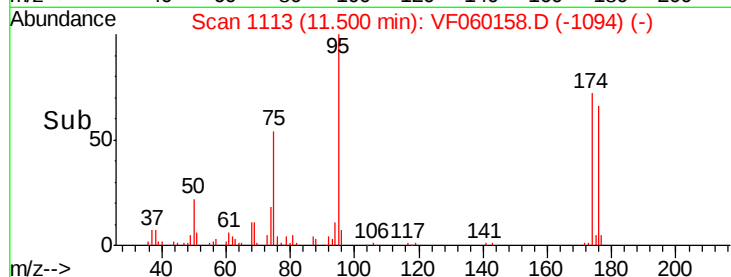
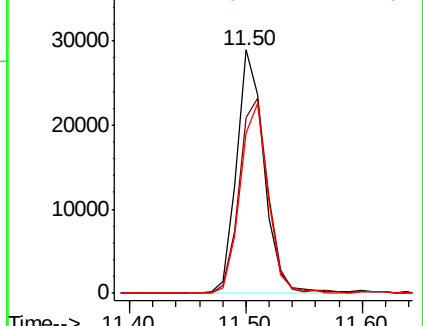
176 66.0 0.0 153.0



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# 952

Delta R.T. -0.02 min

Lab File: VF060158.D

Acq: 28 Aug 2018 19:03

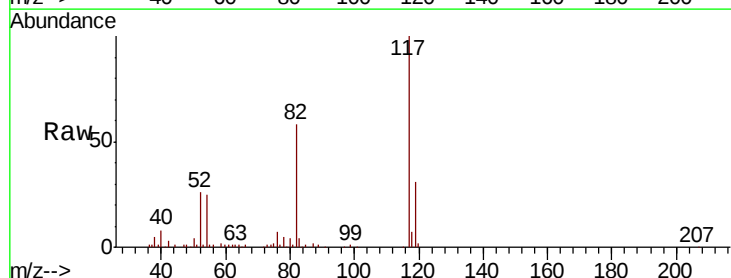
Tgt Ion: 117 Resp: 120391

Ion Ratio Lower Upper

117 100

82 58.2 43.6 65.4

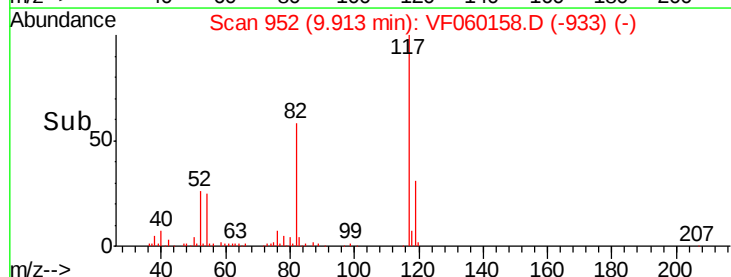
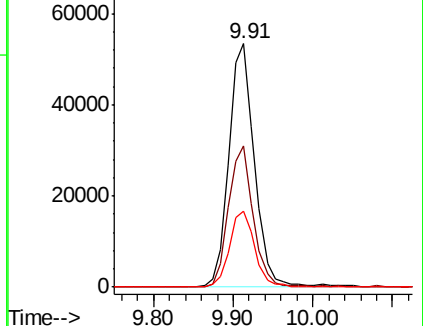
119 31.1 25.6 38.4

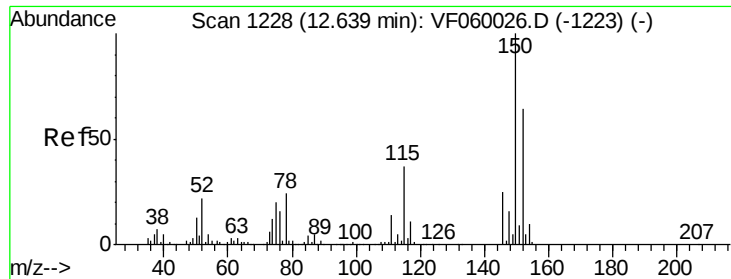


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.62 min Scan# 1227

Delta R.T. -0.02 min

Lab File: VF060158.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-B7RE

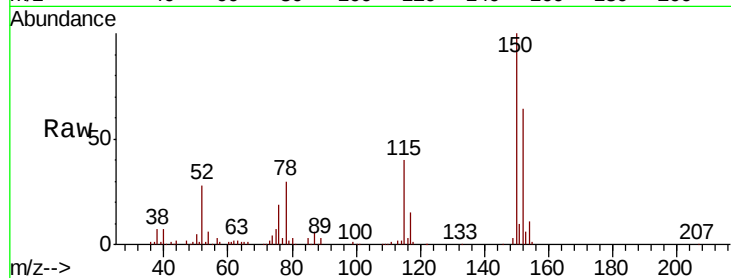
Tot Ion:152 Resp: 53725

Ion Ratio Lower Upper

152 100

115 62.8 28.6 85.9

150 155.4 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

