

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060107.D
 Acq On : 24 Aug 2018 18:35
 Operator : VA/AP
 Sample : J4621-02
 Misc : 6.43g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1

Quant Time: Aug 25 04:58:17 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

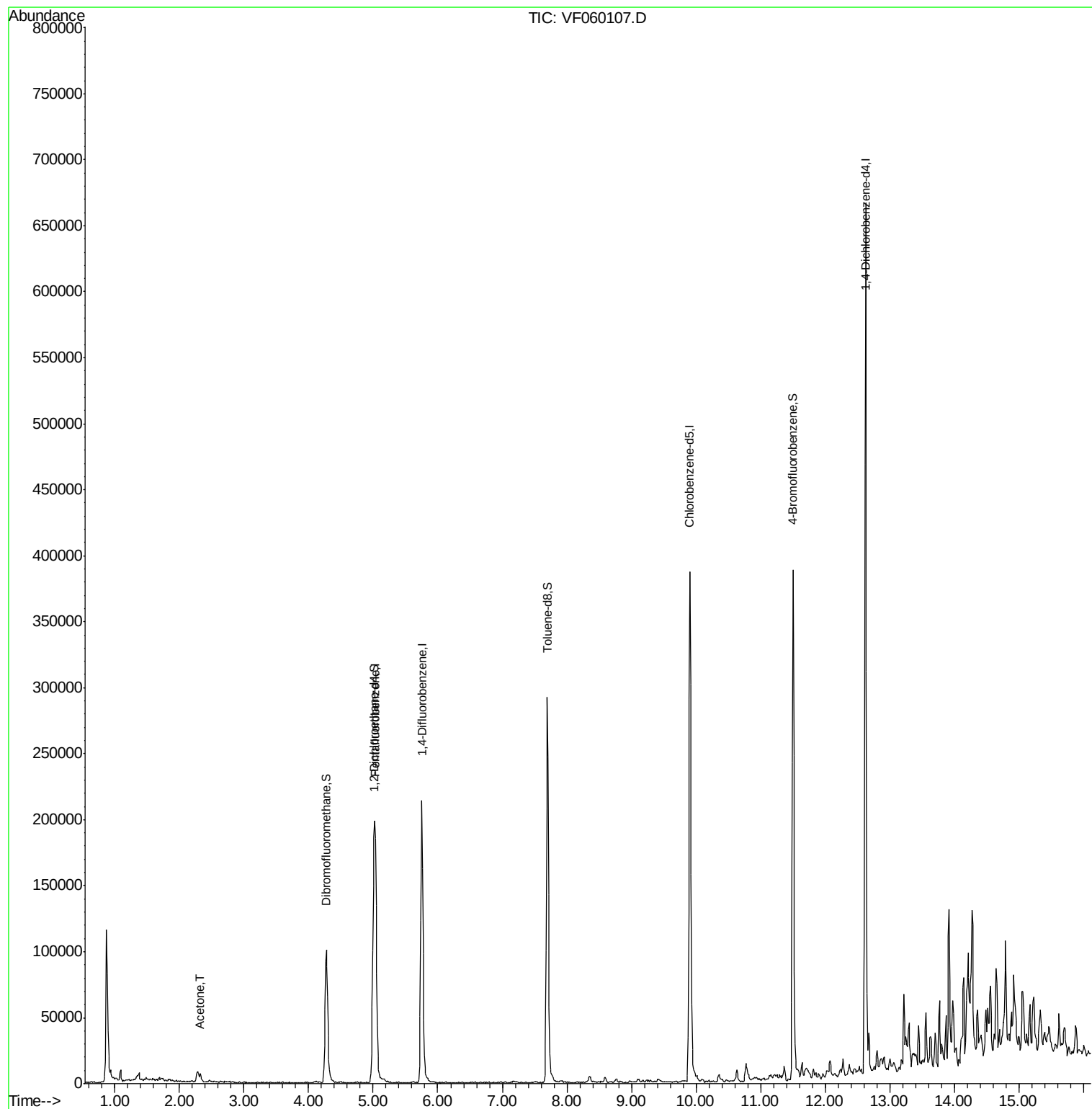
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	153349	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	217928	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	260521	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	155479	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	89334	42.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.12%	
35) Dibromofluoromethane	4.28	113	91861	53.68	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.36%	
50) Toluene-d8	7.70	98	233482	48.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.50	95	128665	50.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.08%	
Target Compounds						
16) Acetone	2.32	43	6020	10.91	ug/l	# 85

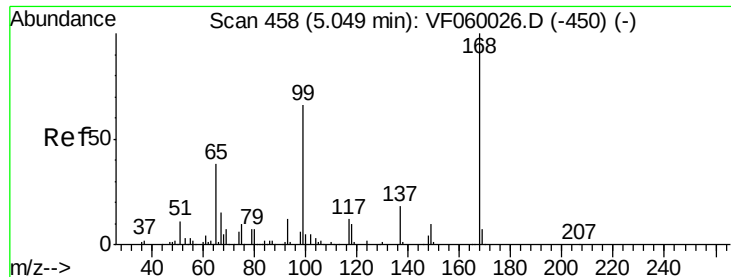
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060107.D

Acq: 24 Aug 2018 18:35

Instrument :

MSVOA_F

ClientSampleId :

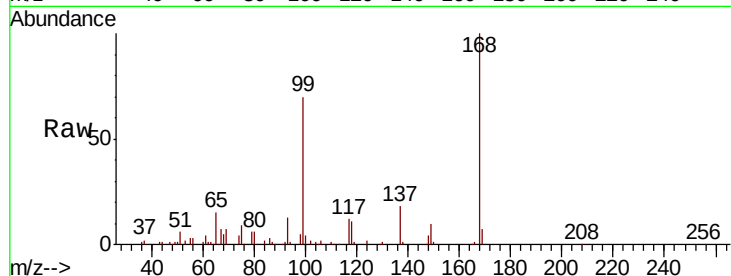
SP-1

Tot Ion:168 Resp: 153349

Ion Ratio Lower Upper

168 100

99 70.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

50000

40000

30000

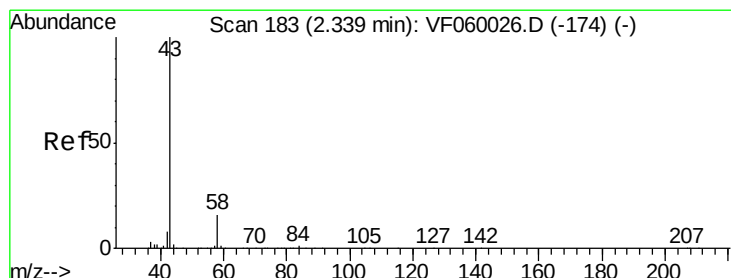
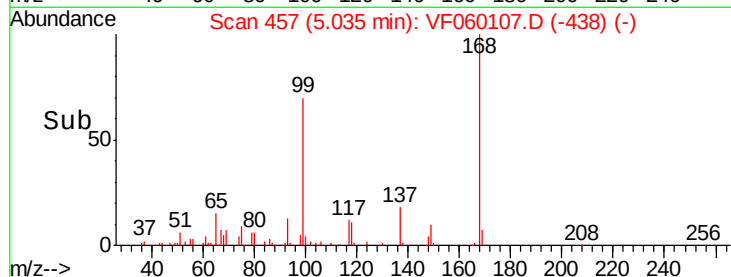
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 10.91 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060107.D

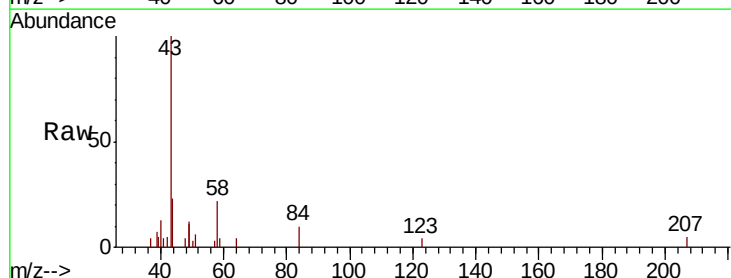
Acq: 24 Aug 2018 18:35

Tgt Ion: 43 Resp: 6020

Ion Ratio Lower Upper

43 100

58 22.1 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

3000

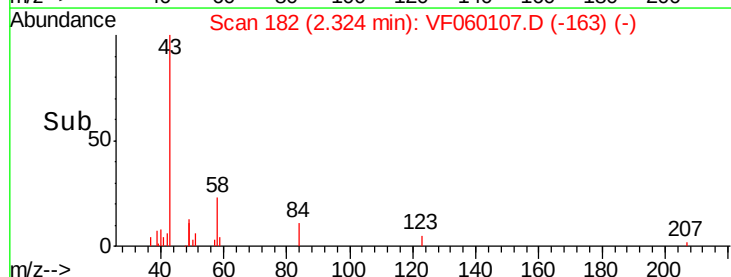
2000

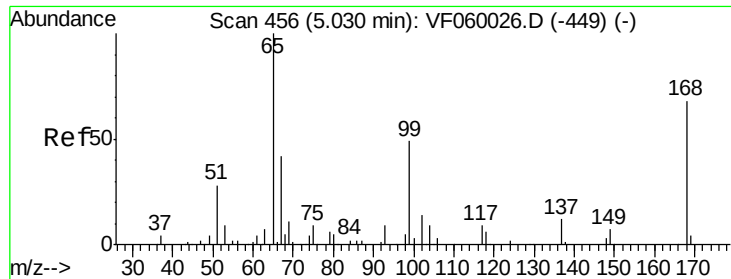
1000

0

Time-->

2.20 2.30 2.40

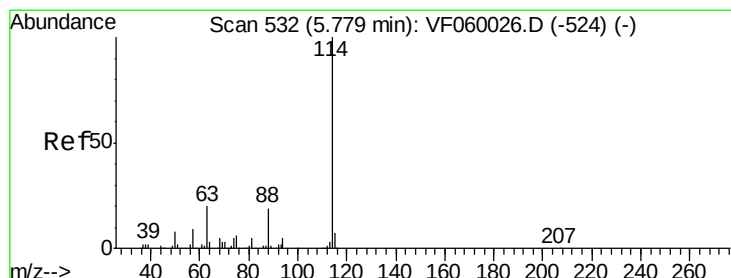
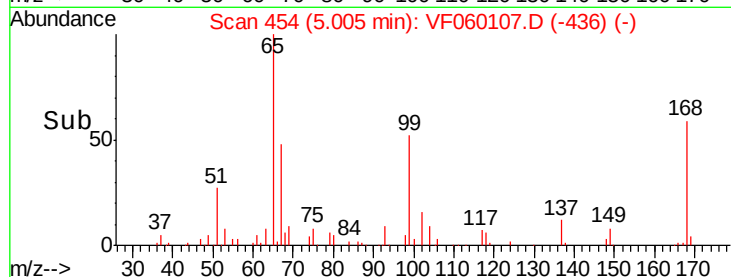
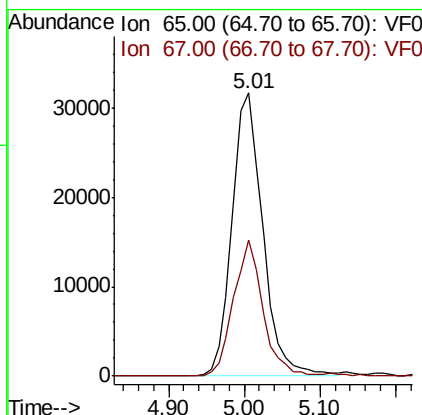
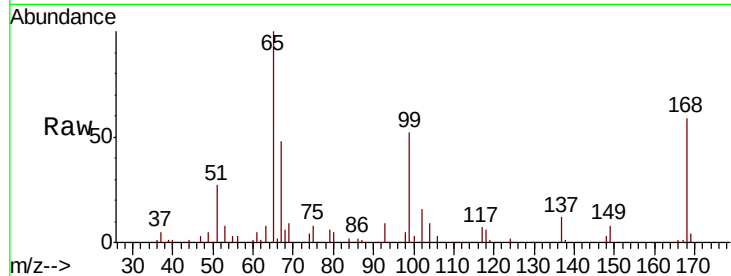




#33
 1,2-Dichloroethane-d4
 Concen: 42.56 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF060107.D
 Acq: 24 Aug 2018 18:35

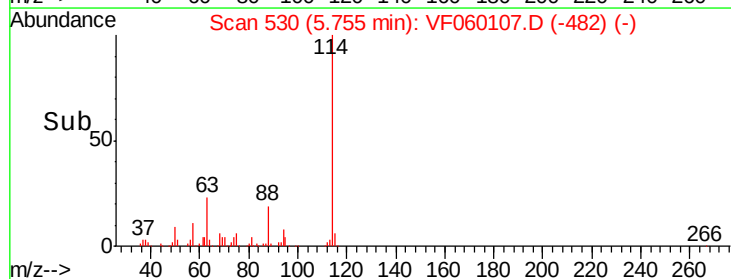
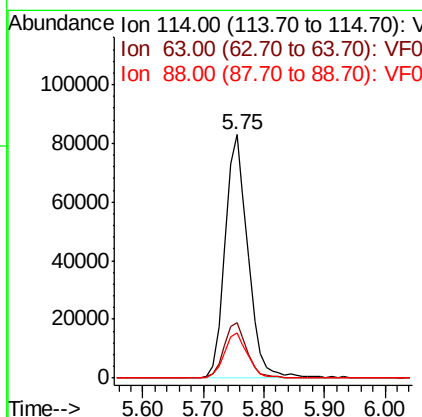
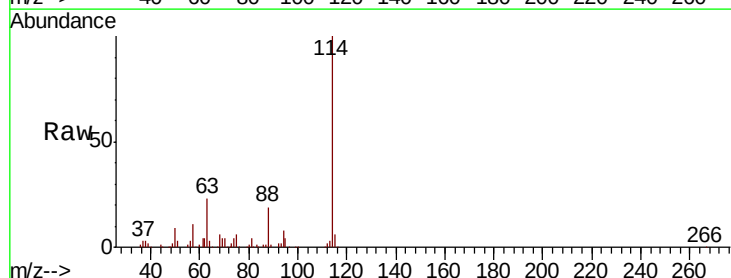
Instrument :
 MSVOA_F
 ClientSampled :
 SP-1

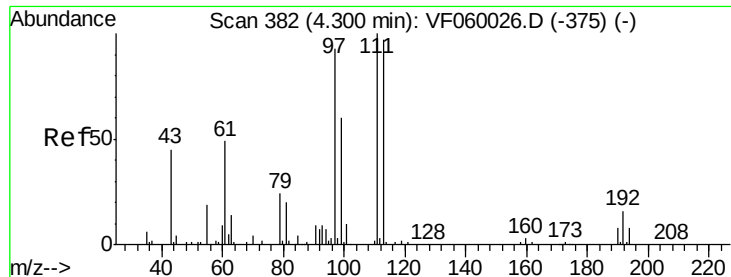
Tot Ion: 65 Resp: 89334
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060107.D
 Acq: 24 Aug 2018 18:35

Tgt Ion: 114 Resp: 217928
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.4
 88 18.5 0.0 38.6

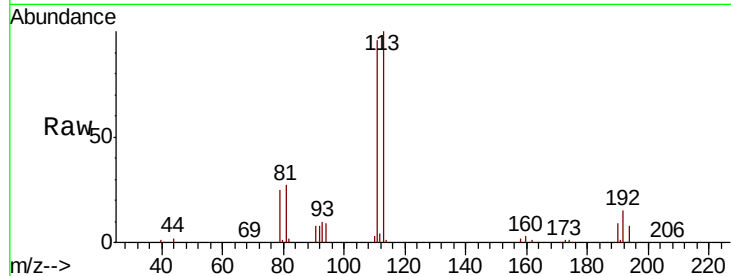




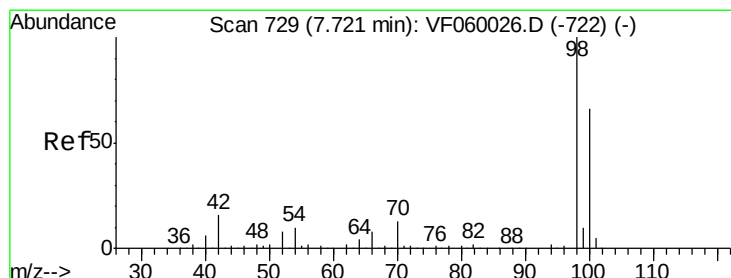
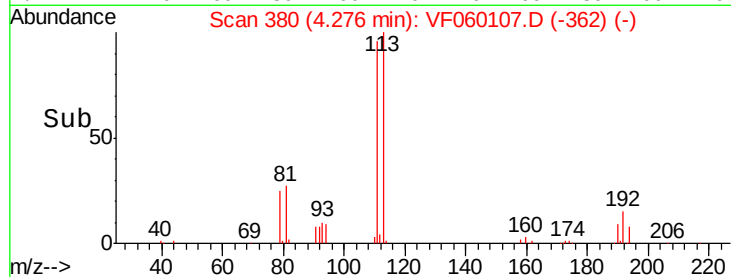
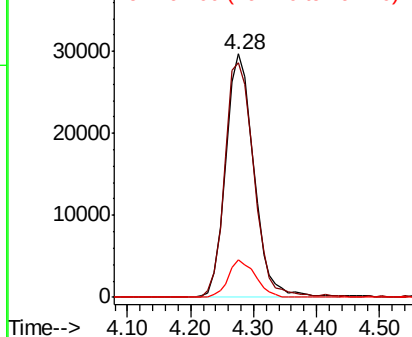
#35
Dibromofluoromethane
Concen: 53.68 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF060107.D
Acq: 24 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tot Ion:113 Resp: 91861
Ion Ratio Lower Upper
113 100
111 96.5 82.7 124.1
192 15.4 13.0 19.4

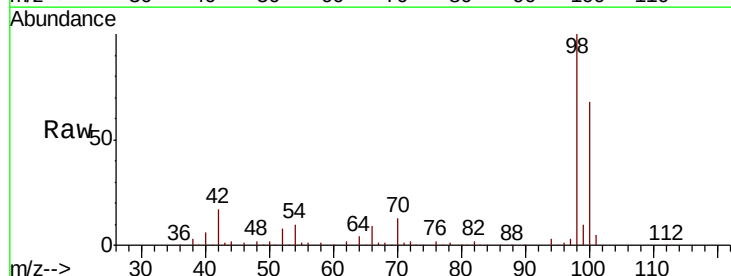


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

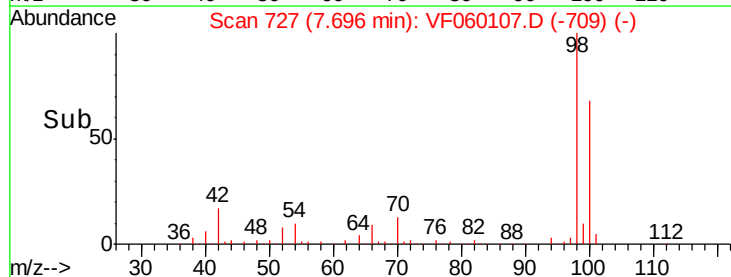
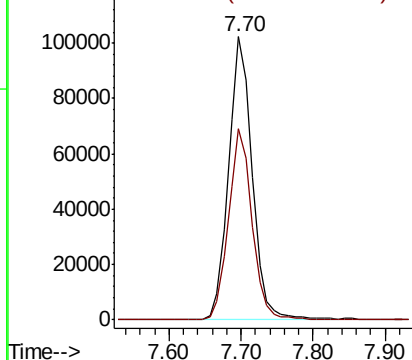


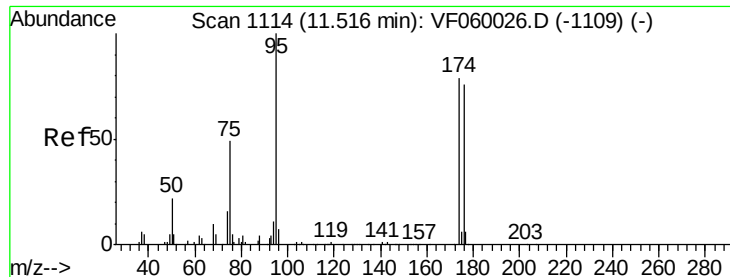
#50
Toluene-d8
Concen: 48.04 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060107.D
Acq: 24 Aug 2018 18:35

Tgt Ion: 98 Resp: 233482
Ion Ratio Lower Upper
98 100
100 67.8 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: 50.04 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060107.D

Acq: 24 Aug 2018 18:35

Instrument :

MSVOA_F

ClientSampleId :

SP-1

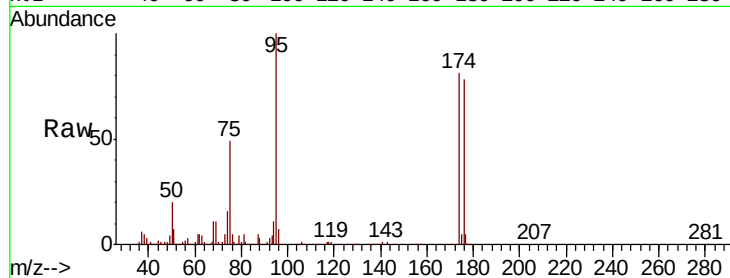
Tot Ion: 95 Resp: 128665

Ion Ratio Lower Upper

95 100

174 81.5 0.0 158.4

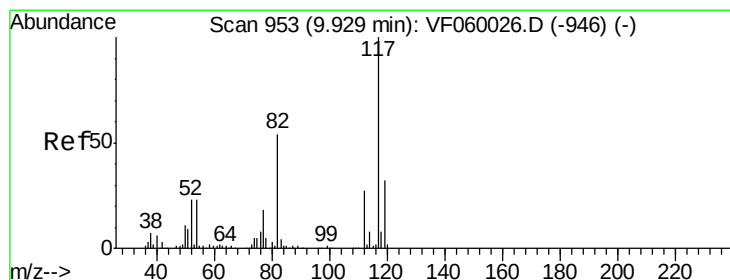
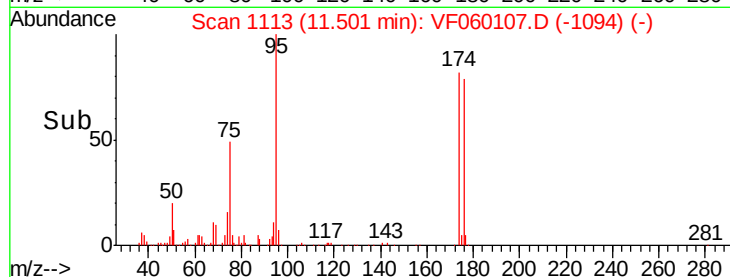
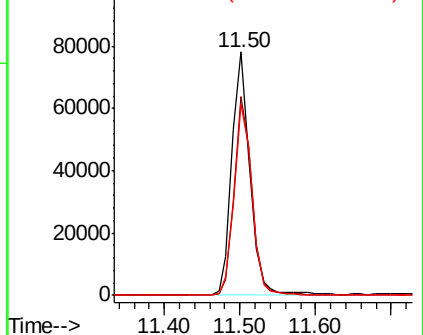
176 78.4 0.0 153.0



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: 9.90 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF060107.D

Acq: 24 Aug 2018 18:35

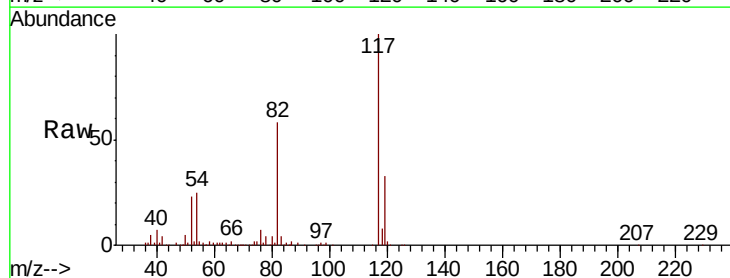
Tgt Ion: 117 Resp: 260521

Ion Ratio Lower Upper

117 100

82 58.2 43.6 65.4

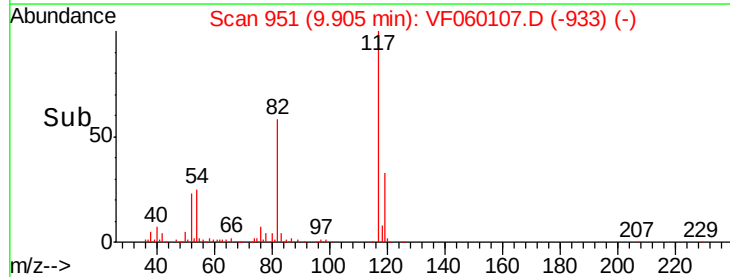
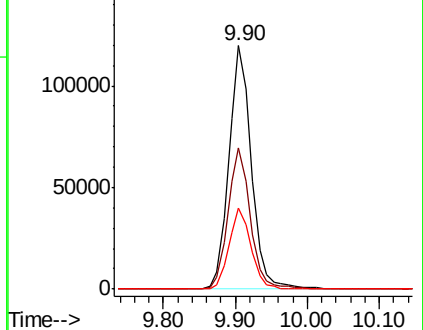
119 33.2 25.6 38.4

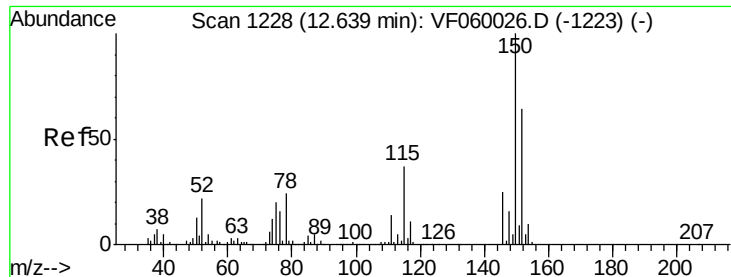


Abundance Ion 117.00 (116.70 to 117.70): VF0

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# 1227

Delta R.T. -0.01 min

Lab File: VF060107.D

Acq: 24 Aug 2018 18:35

Instrument :

MSVOA_F

ClientSampleId :

SP-1

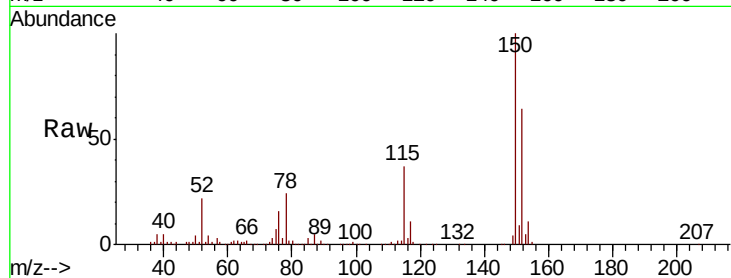
Tot Ion:152 Resp: 155479

Ion Ratio Lower Upper

152 100

115 57.9 28.6 85.9

150 155.7 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

