

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059419.D
 Acq On : 3 Jul 2018 18:30
 Operator : VA/AP
 Sample : J3826-01RE
 Misc : 5.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-070218RE

Quant Time: Jul 04 01:46:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

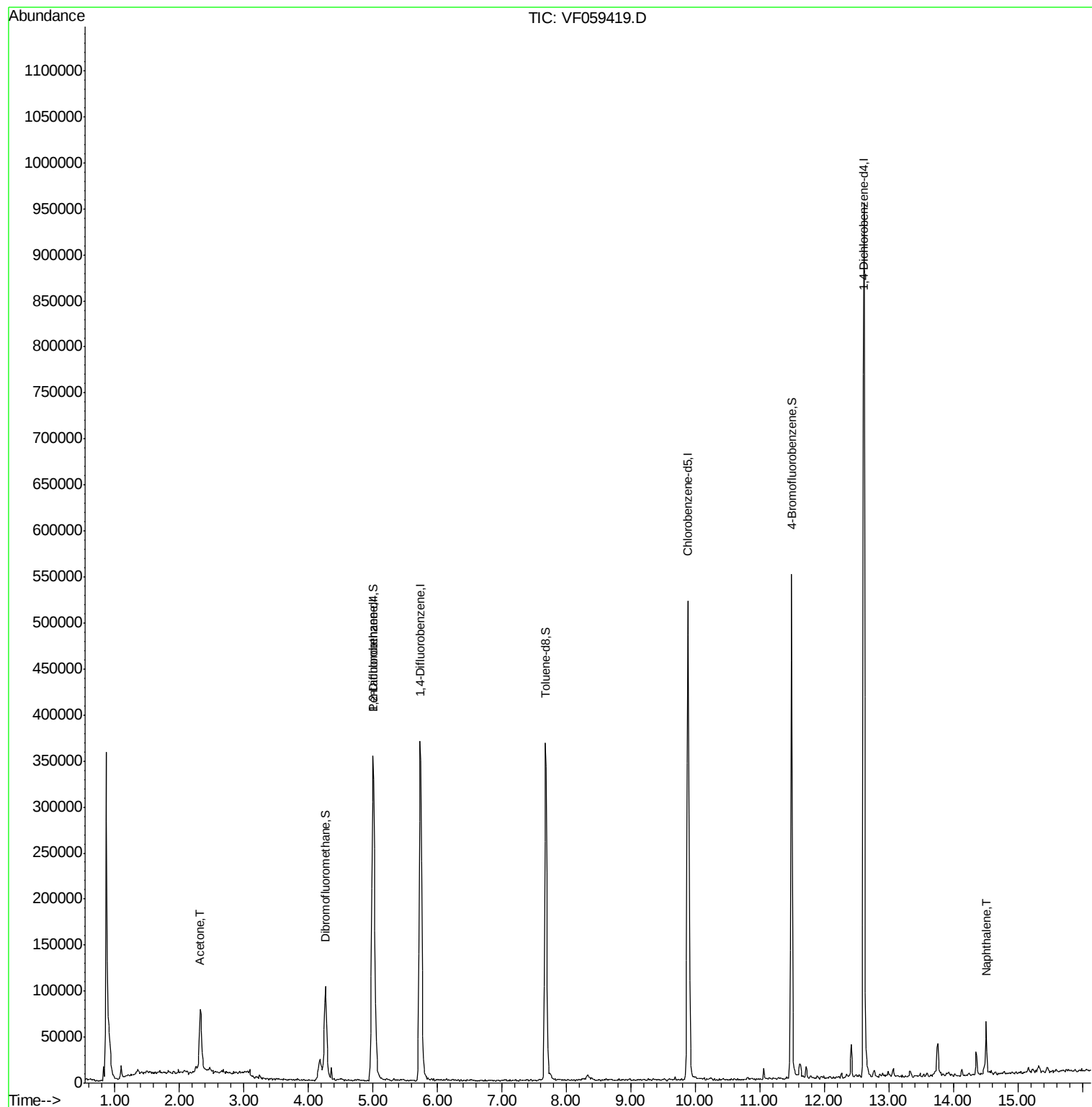
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	235275	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	382891	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	365298	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	238779	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	171097	56.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.58%	
35) Dibromofluoromethane	4.26	113	85304	30.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	60.98%	
50) Toluene-d8	7.68	98	304694	43.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.98%	
62) 4-Bromofluorobenzene	11.49	95	185598	47.50	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.00%	
Target Compounds						
16) Acetone	2.32	43	115617	148.140	ug/l #	91
95) Naphthalene	14.51	128	39253	3.621	ug/l	97

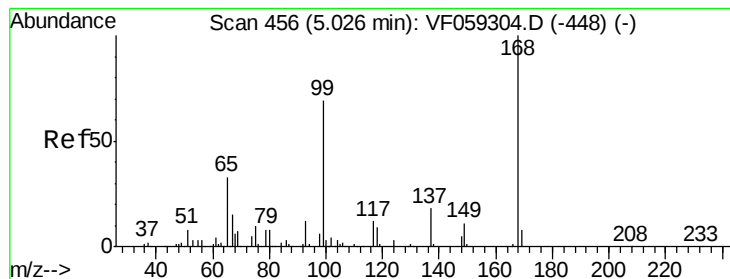
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059419.D

Acq: 3 Jul 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

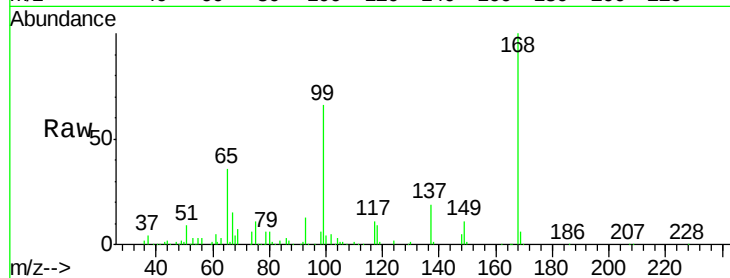
OK-03-070218RE

Tot Ion:168 Resp: 235275

Ion Ratio Lower Upper

168 100

99 66.0 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

60000

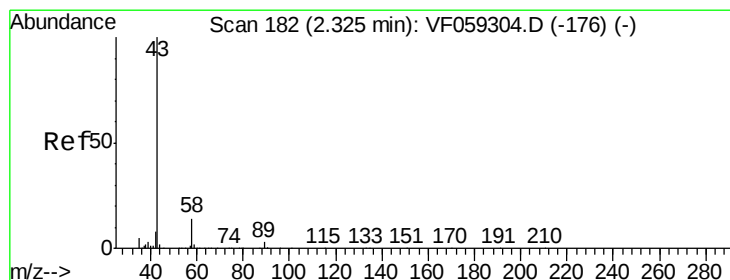
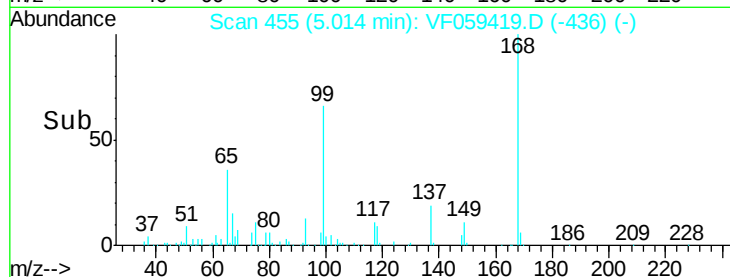
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 148.140 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059419.D

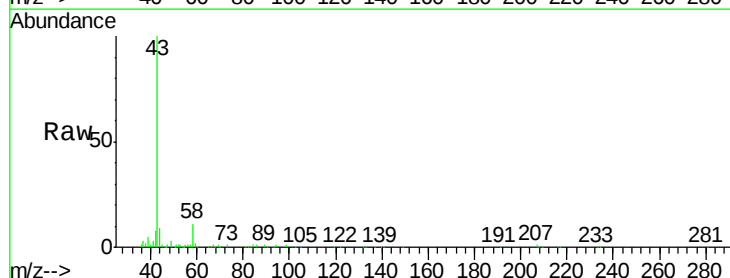
Acq: 3 Jul 2018 18:30

Tgt Ion: 43 Resp: 115617

Ion Ratio Lower Upper

43 100

58 10.7 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

50000

40000

30000

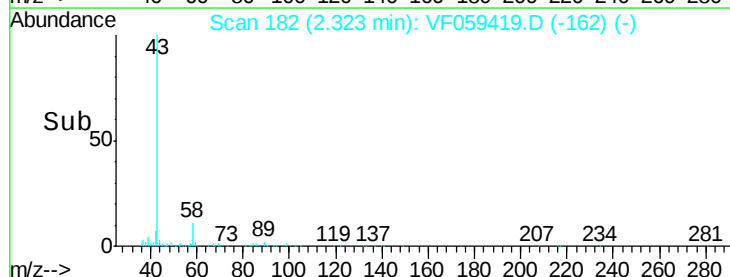
20000

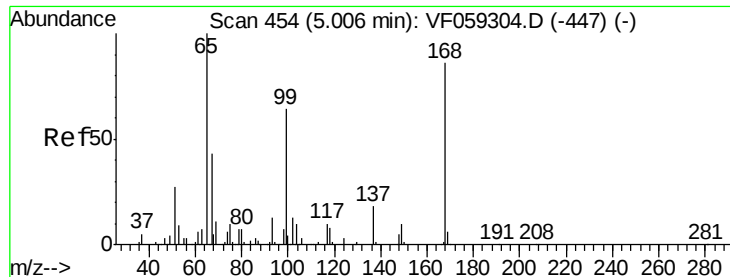
10000

0

Time-->

2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 56.287 ug/l

RT: 4.99 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059419.D

Acq: 3 Jul 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

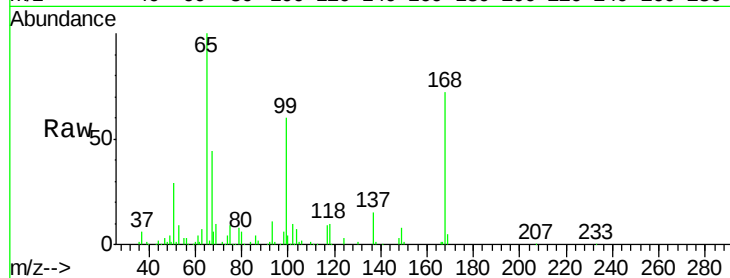
OK-03-070218RE

Tot Ion: 65 Resp: 171097

Ion Ratio Lower Upper

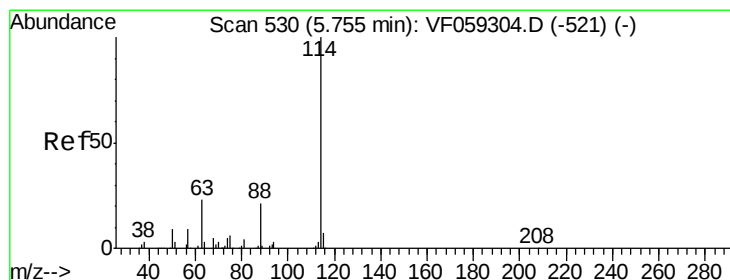
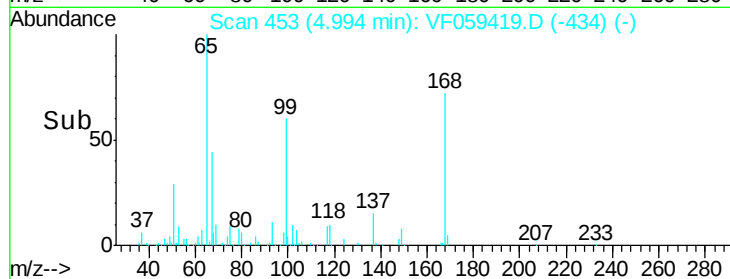
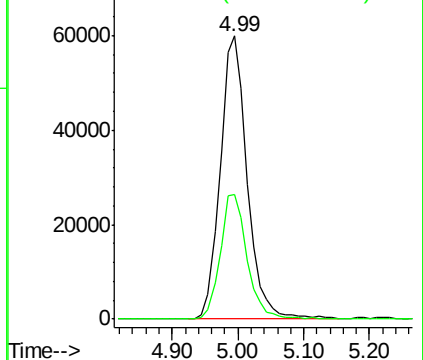
65 100

67 43.8 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059419.D

Acq: 3 Jul 2018 18:30

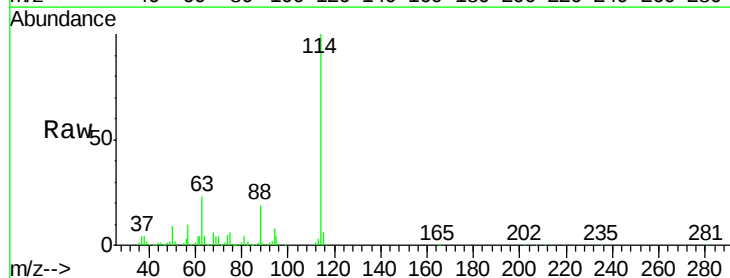
Tgt Ion: 114 Resp: 382891

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.8

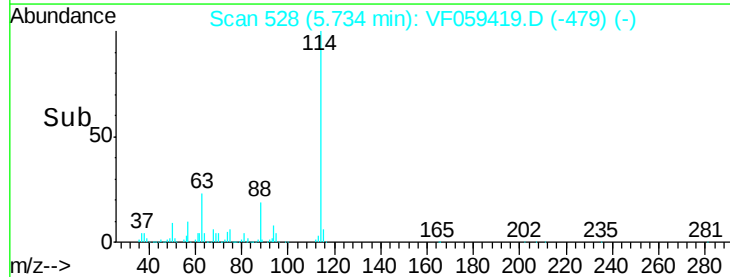
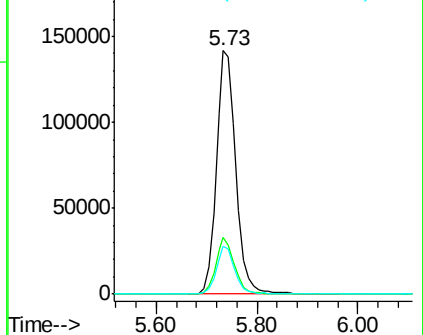
88 19.5 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

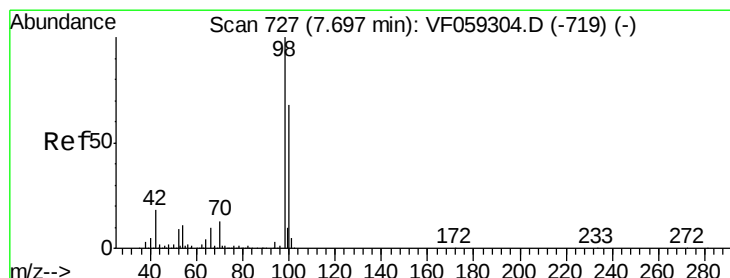
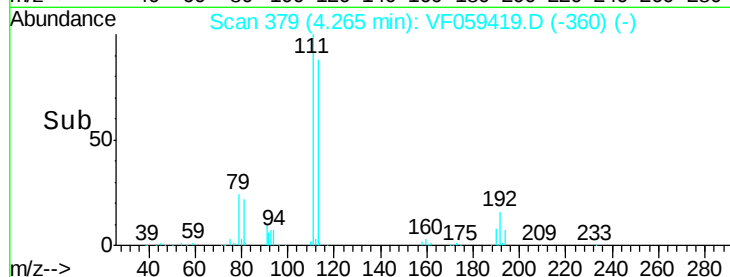
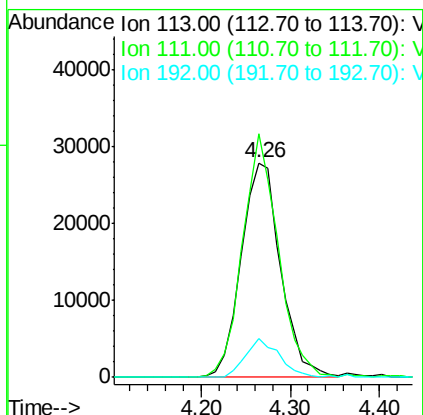
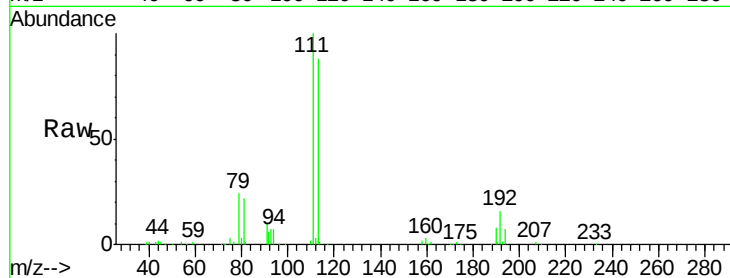




#35
 Dibromofluoromethane
 Concen: 30.491 ug/l
 RT: 4.26 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VF059419.D
 Acq: 3 Jul 2018 18:30

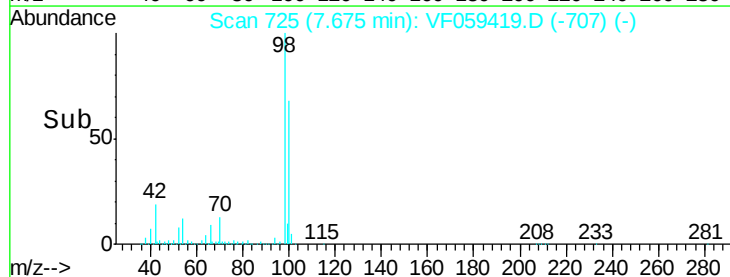
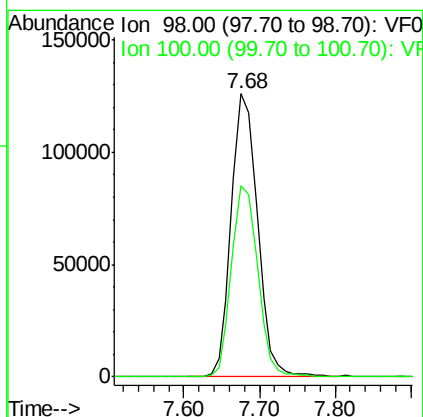
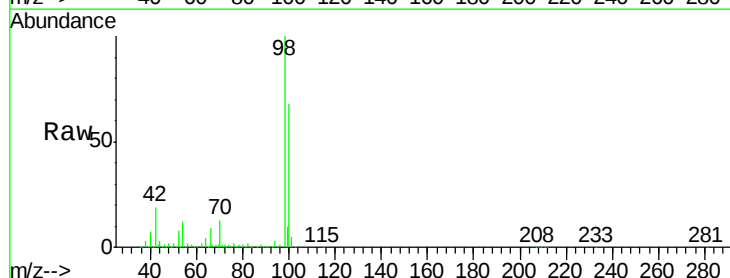
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-070218RE

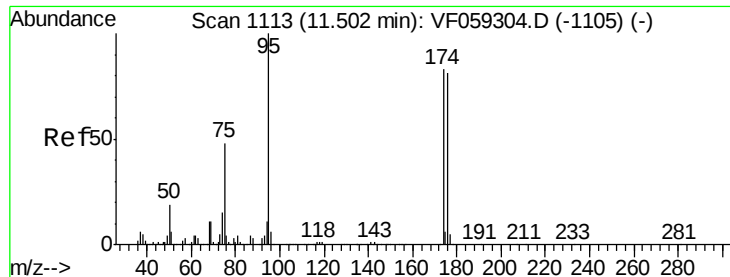
Tot Ion:113 Resp: 85304
 Ion Ratio Lower Upper
 113 100
 111 113.5 82.1 123.1
 192 18.1 13.0 19.6



#50
 Toluene-d8
 Concen: 43.988 ug/l
 RT: 7.68 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: VF059419.D
 Acq: 3 Jul 2018 18:30

Tgt Ion: 98 Resp: 304694
 Ion Ratio Lower Upper
 98 100
 100 67.6 54.6 82.0





#62

4-Bromofluorobenzene

Concen: 47.500 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059419.D

Acq: 3 Jul 2018 18:30

Instrument :

MSVOA_F

ClientSampleId :

OK-03-070218RE

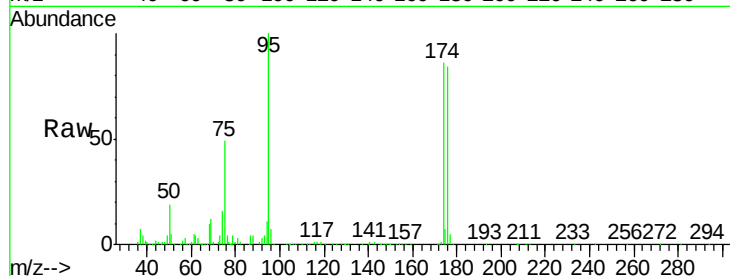
Tot Ion: 95 Resp: 185598

Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.2

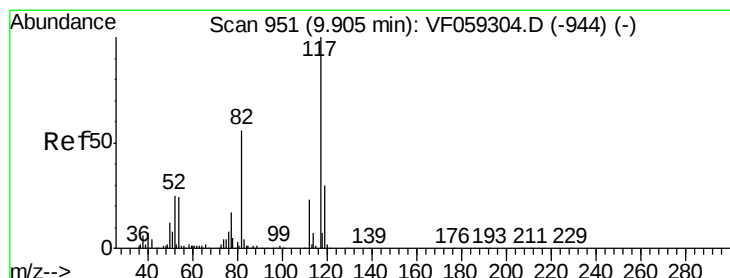
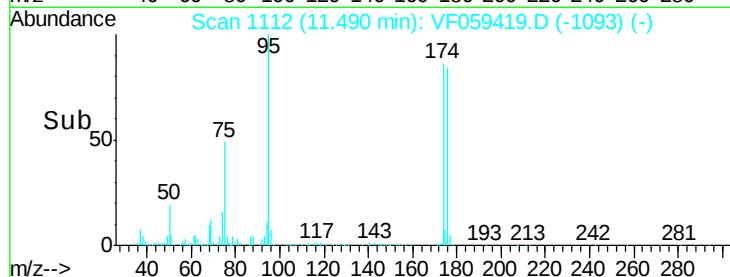
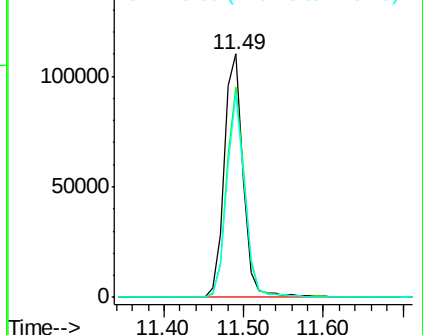
176 84.0 0.0 161.0



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: 50.000 ug/l

RT: 9.88 min Scan# 949

Delta R.T. -0.02 min

Lab File: VF059419.D

Acq: 3 Jul 2018 18:30

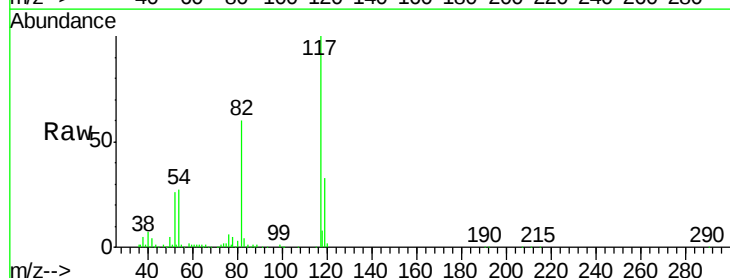
Tgt Ion: 117 Resp: 365298

Ion Ratio Lower Upper

117 100

82 59.5 44.6 66.8

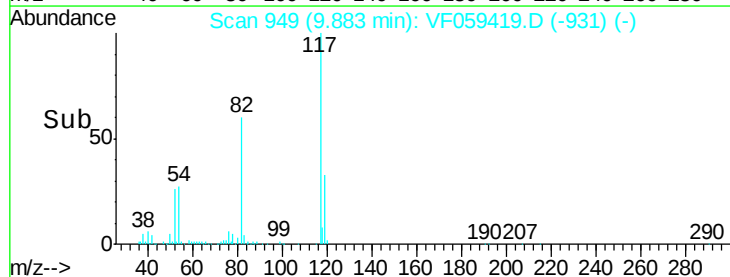
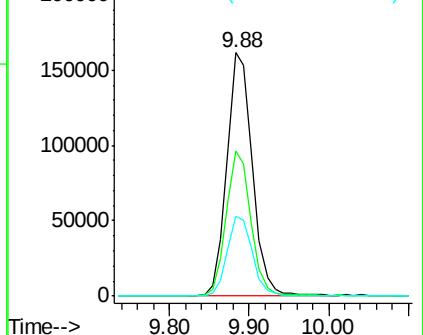
119 32.9 24.1 36.1

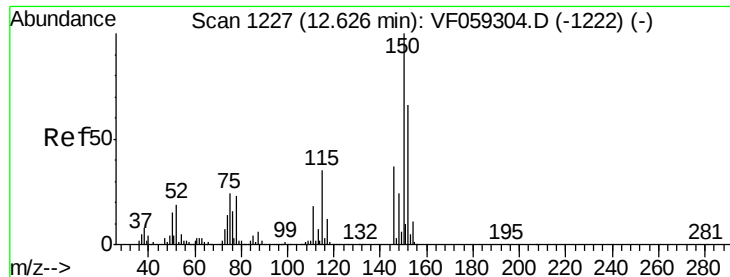


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



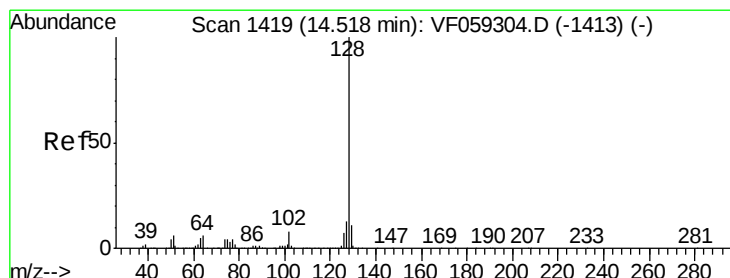
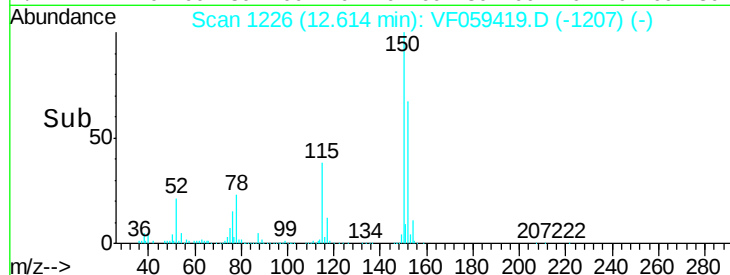
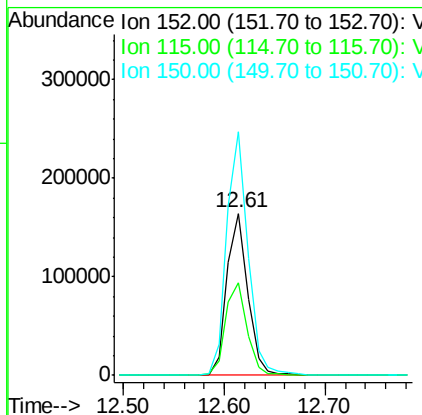
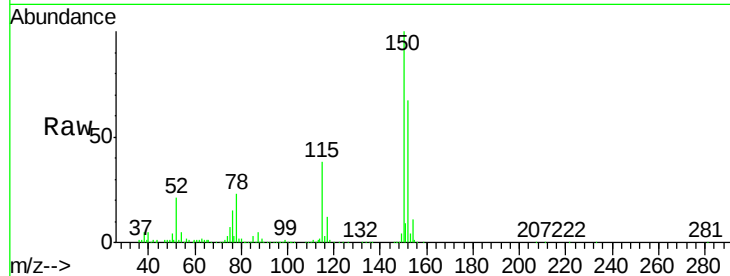


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059419.D
Acq: 3 Jul 2018 18:30

Instrument :
MSVOA_F
ClientSampleId :
OK-03-070218RE

Tot Ion:152 Resp: 238779
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 150.0 0.0 305.2



#95

Naphthalene
Concen: 3.621 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059419.D
Acq: 3 Jul 2018 18:30

Tgt Ion:128 Resp: 39253
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 8.9 8.8 13.2

