

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063047.D
 Acq On : 8 Jul 2019 20:08
 Operator : VA/AP
 Sample : K3700-02
 Misc : 6.31g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-052

Quant Time: Jul 09 06:02:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

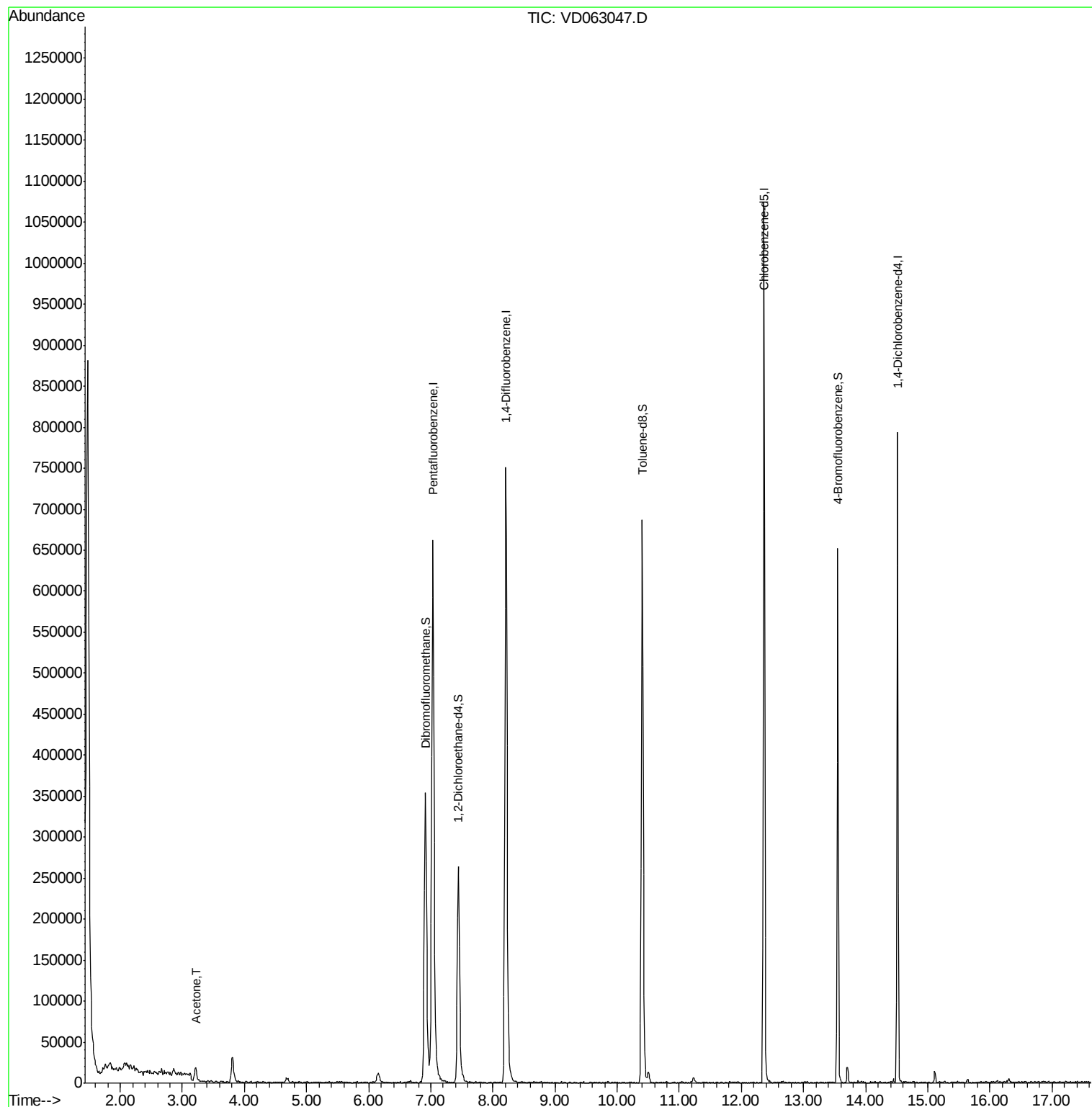
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	603315	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	808727	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	549613	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	175388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	299614	45.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	6.92	113	309983	45.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.92%	
50) Toluene-d8	10.40	98	533667	35.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	71.92%	
62) 4-Bromofluorobenzene	13.55	95	164341	24.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.70%	
Target Compounds						
16) Acetone	3.21	43	31467	17.145	ug/l	Qvalue 96

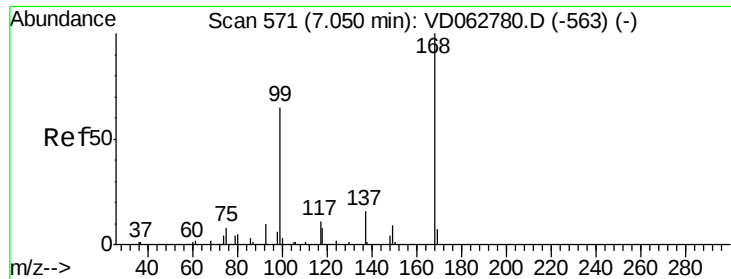
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063047.D

Acq: 8 Jul 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

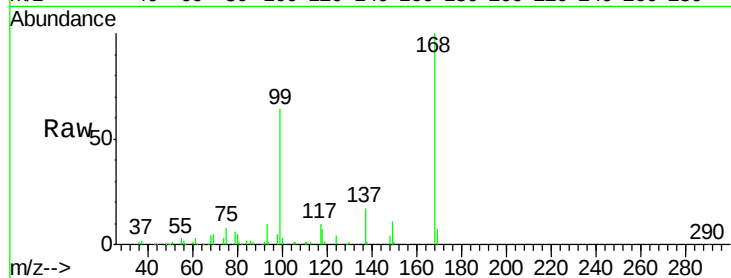
FK-PS-01-052

Tot Ion:168 Resp: 603315

Ion Ratio Lower Upper

168 100

99 64.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

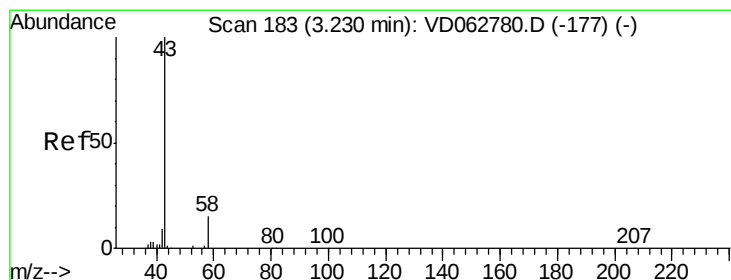
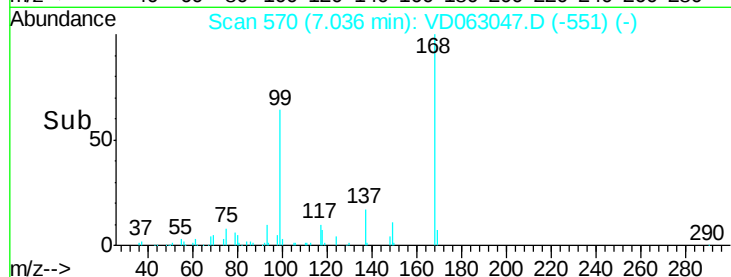
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 17.145 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063047.D

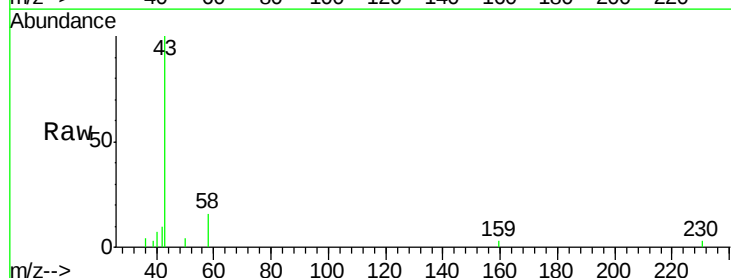
Acq: 8 Jul 2019 20:08

Tgt Ion: 43 Resp: 31467

Ion Ratio Lower Upper

43 100

58 16.4 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

12000

10000

8000

6000

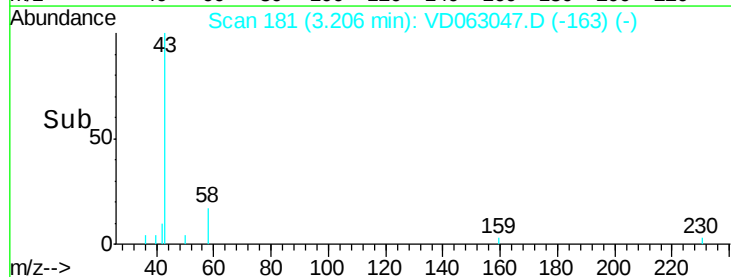
4000

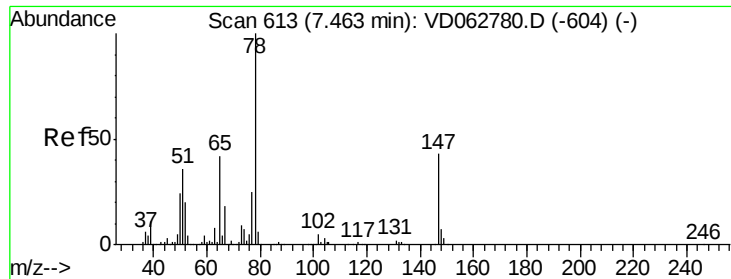
2000

0

3.10 3.20 3.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.687 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063047.D

Acq: 8 Jul 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

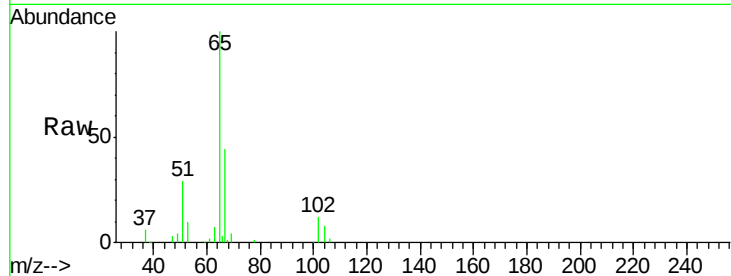
FK-PS-01-052

Tot Ion: 65 Resp: 299614

Ion Ratio Lower Upper

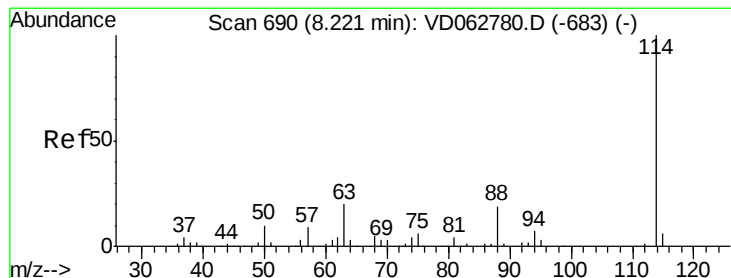
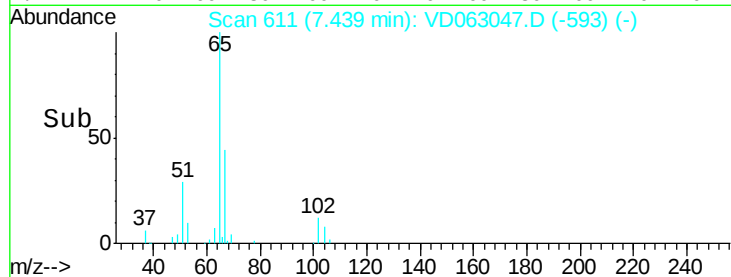
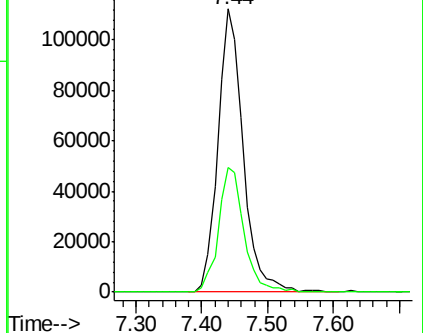
65 100

67 44.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD063047.D

Acq: 8 Jul 2019 20:08

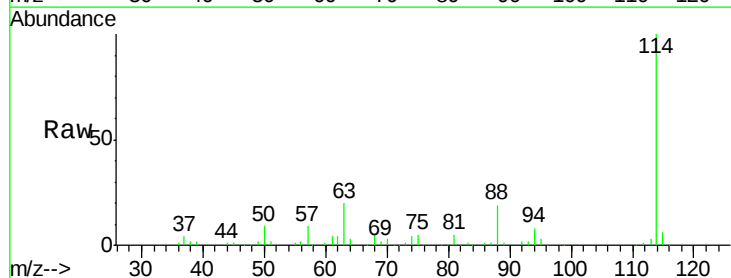
Tgt Ion: 114 Resp: 808727

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

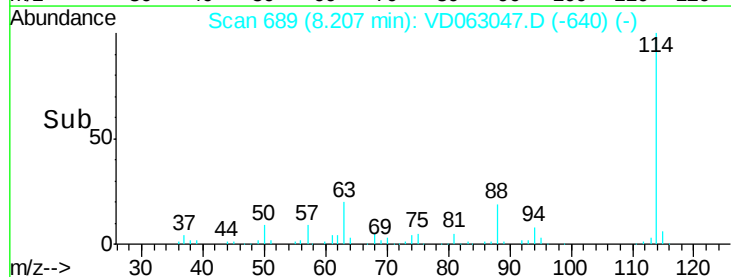
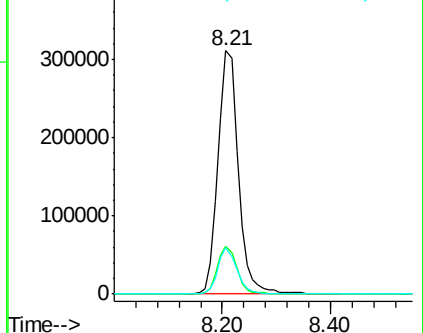
88 19.0 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 45.458 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063047.D

Acq: 8 Jul 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-052

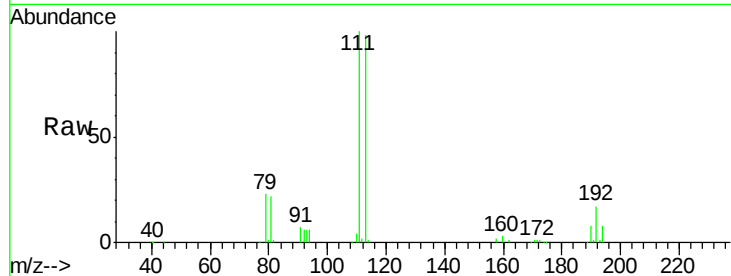
Tot Ion:113 Resp: 309983

Ion Ratio Lower Upper

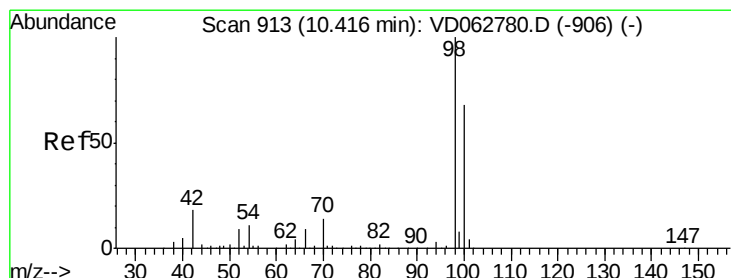
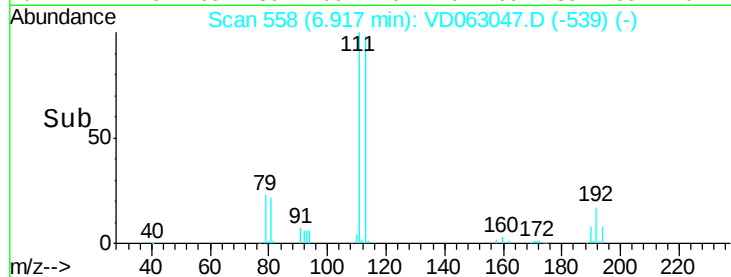
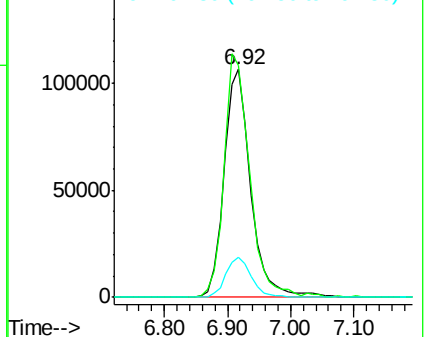
113 100

111 102.1 81.2 121.8

192 17.8 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 35.957 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063047.D

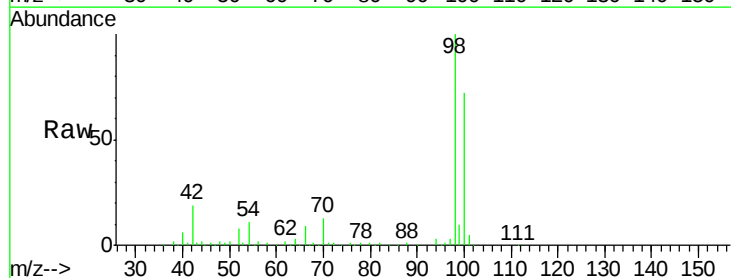
Acq: 8 Jul 2019 20:08

Tgt Ion: 98 Resp: 533667

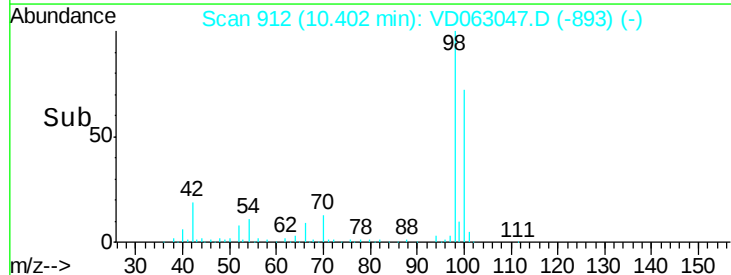
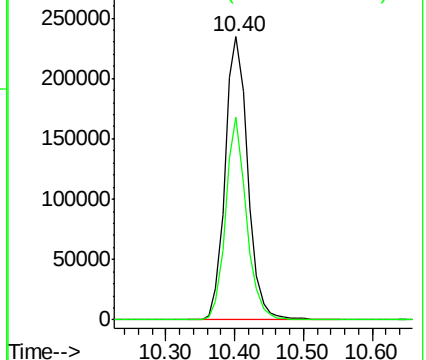
Ion Ratio Lower Upper

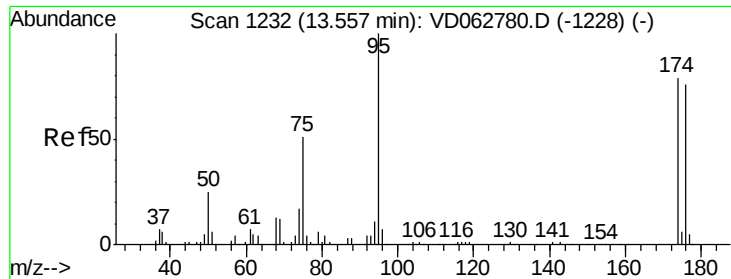
98 100

100 71.8 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 24.352 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063047.D

Acq: 8 Jul 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-052

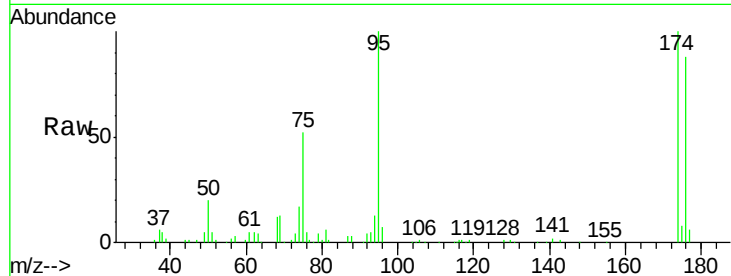
Tot Ion: 95 Resp: 164341

Ion Ratio Lower Upper

95 100

174 100.4 0.0 158.0

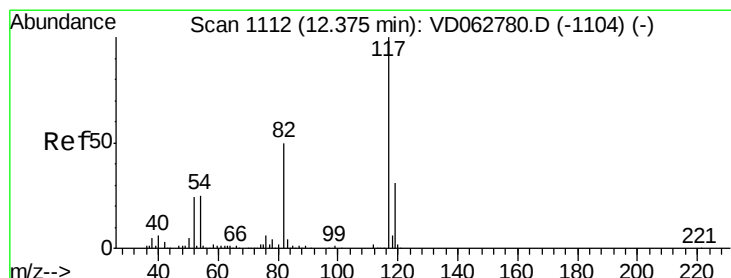
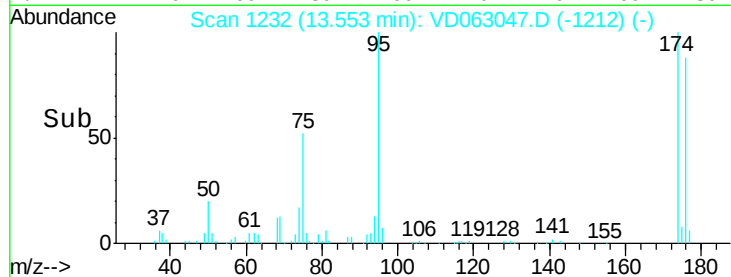
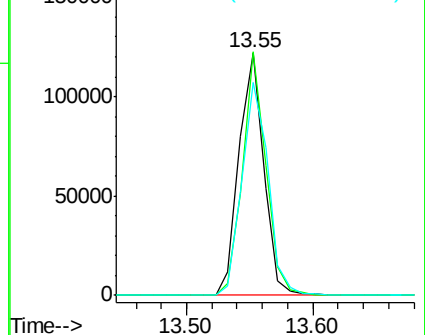
176 88.0 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063047.D

Acq: 8 Jul 2019 20:08

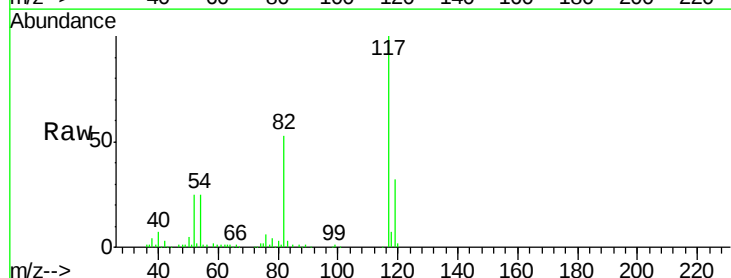
Tgt Ion: 117 Resp: 549613

Ion Ratio Lower Upper

117 100

82 53.4 40.4 60.6

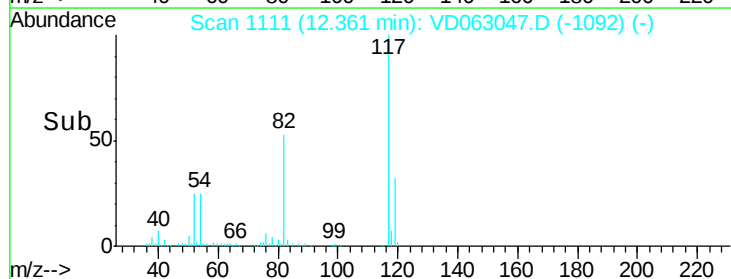
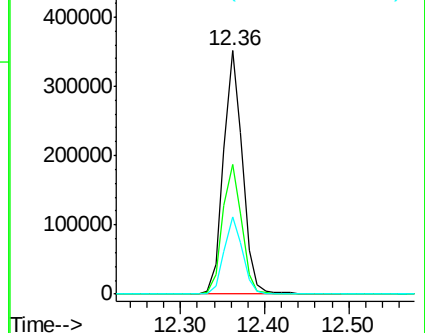
119 31.9 25.2 37.8

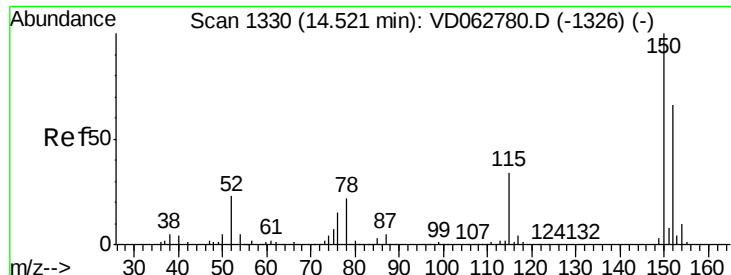


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

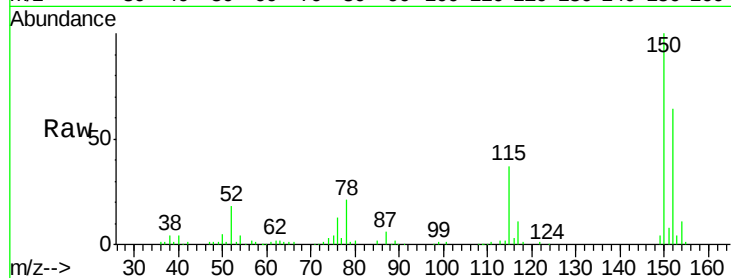




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD063047.D
 Acq: 8 Jul 2019 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-052

Tot Ion:152 Resp: 175388
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.2 87.6
 150 157.2 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

