

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062868.D
 Acq On : 25 Jun 2019 6:38
 Operator : VA/AP
 Sample : K3164-07
 Misc : 4.73g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B09

Quant Time: Jun 25 07:04:43 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

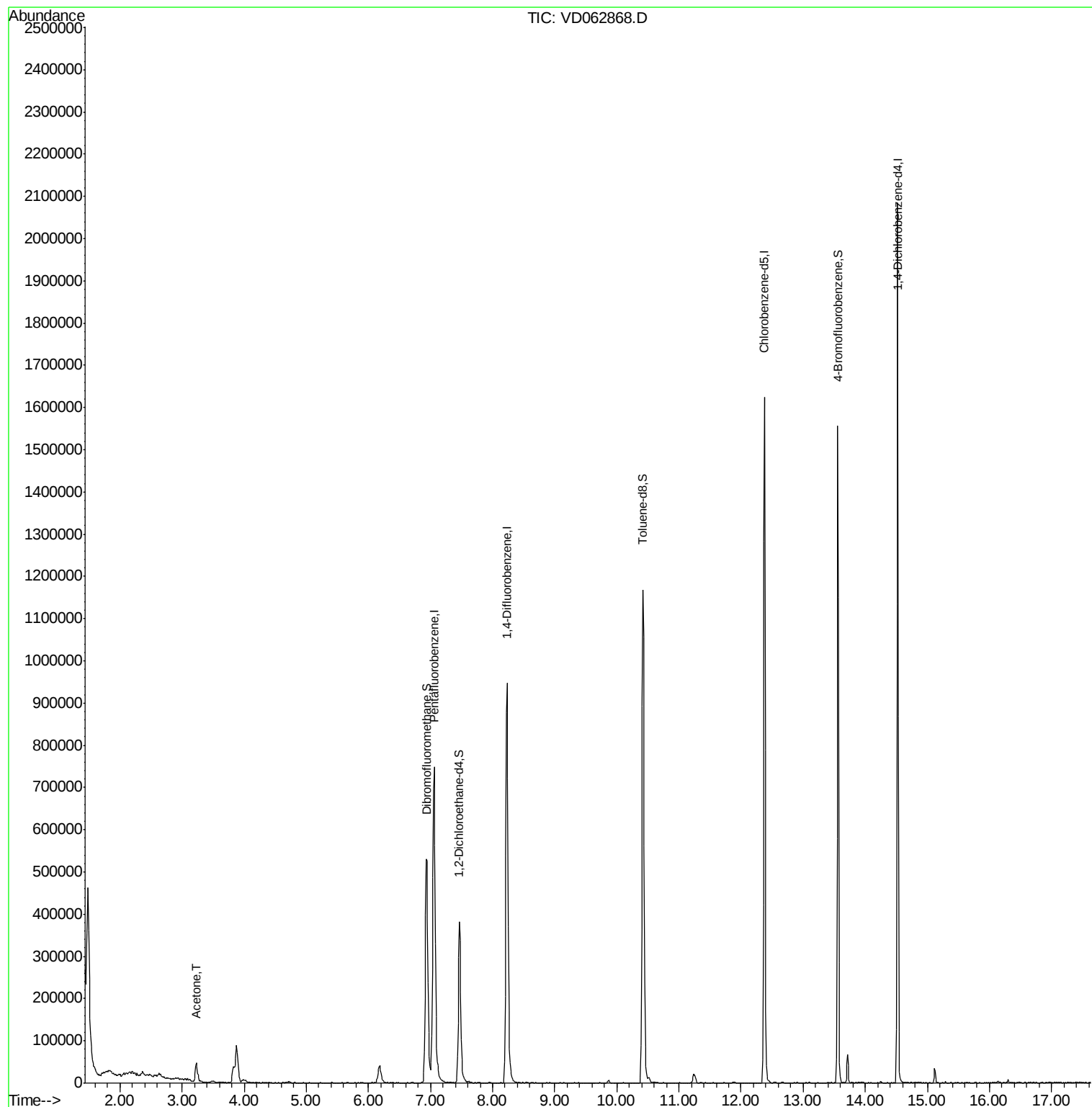
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	721036	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1032770	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	841646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	441161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	430619	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	6.94	113	488987	56.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.30%	
50) Toluene-d8	10.42	98	975021	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	13.56	95	425948	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
Target Compounds						
16) Acetone	3.23	43	91303	51.902	ug/l #	Qvalue 90

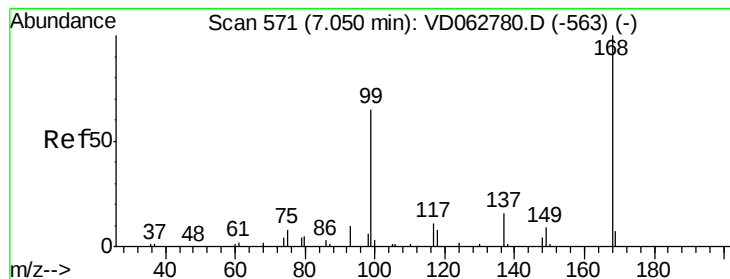
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

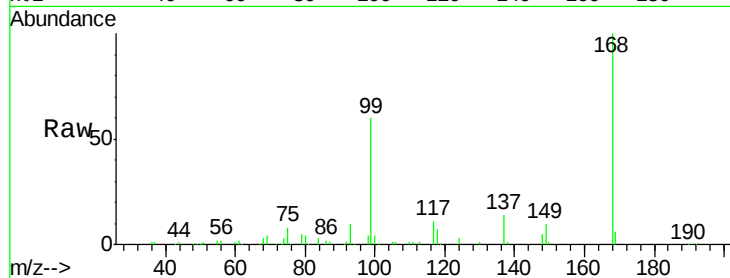
BAT-B09

Tot Ion:168 Resp: 721036

Ion Ratio Lower Upper

168 100

99 60.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

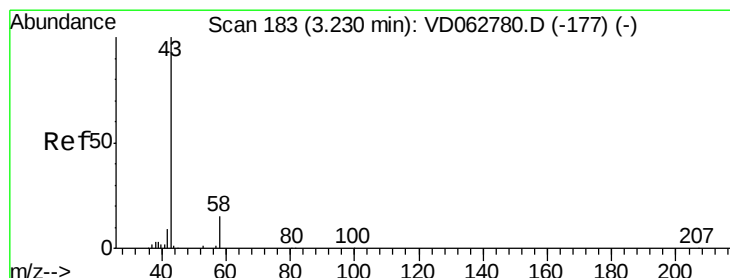
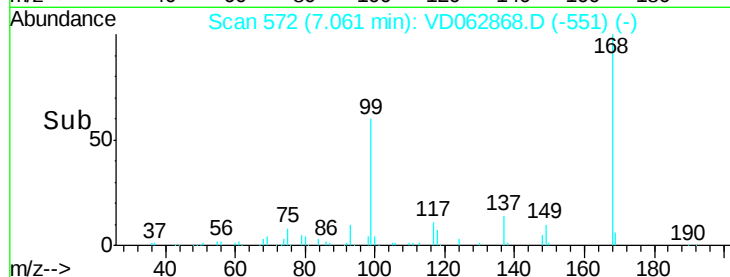
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 51.902 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062868.D

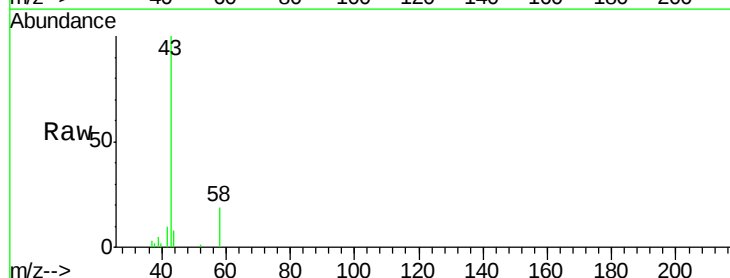
Acq: 25 Jun 2019 6:38

Tgt Ion: 43 Resp: 91303

Ion Ratio Lower Upper

43 100

58 18.9 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

30000

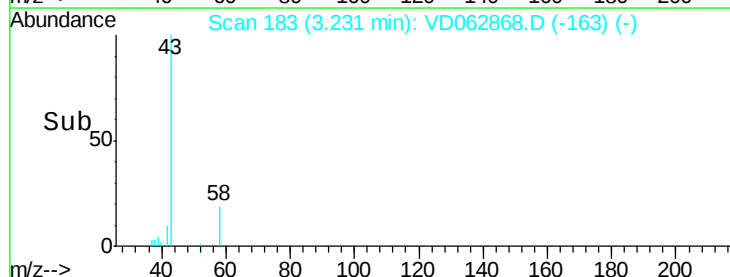
20000

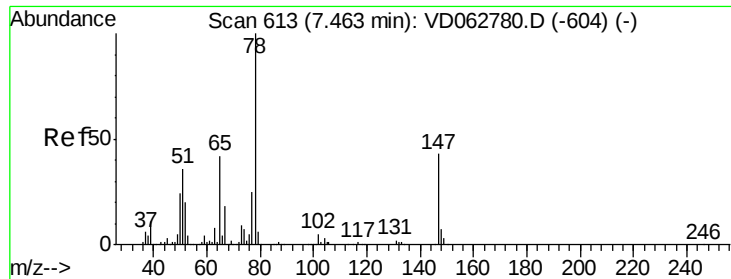
10000

0

3.10 3.20 3.30 3.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.943 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062868.D

Acq: 25 Jun 2019 6:38

Instrument :

MSVOA_D

ClientSampleId :

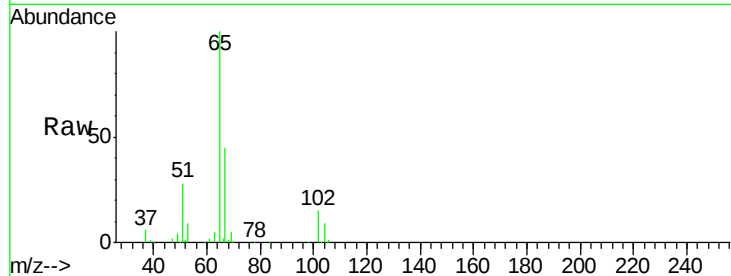
BAT-B09

Tot Ion: 65 Resp: 430619

Ion Ratio Lower Upper

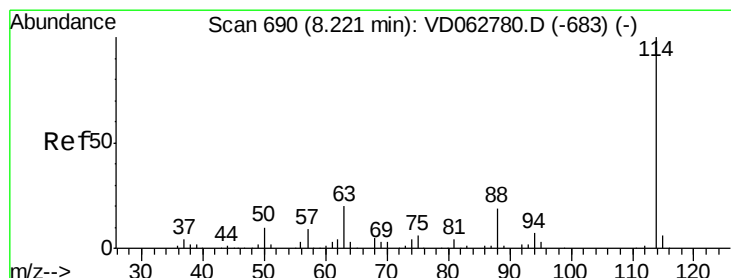
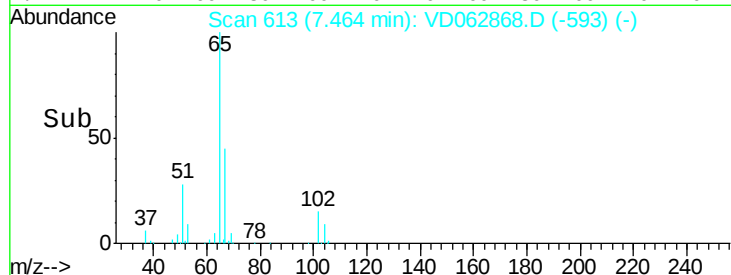
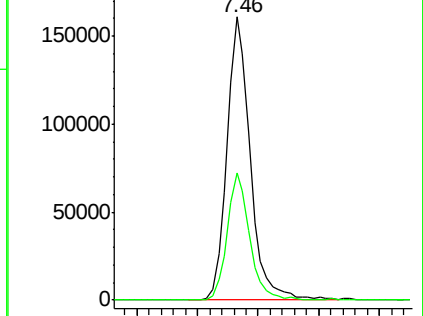
65 100

67 44.9 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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062868.D

Acq: 25 Jun 2019 6:38

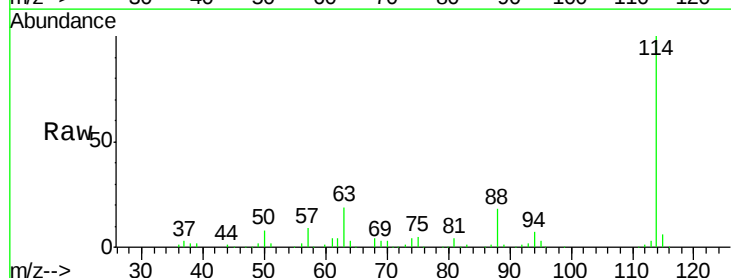
Tgt Ion: 114 Resp: 1032770

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

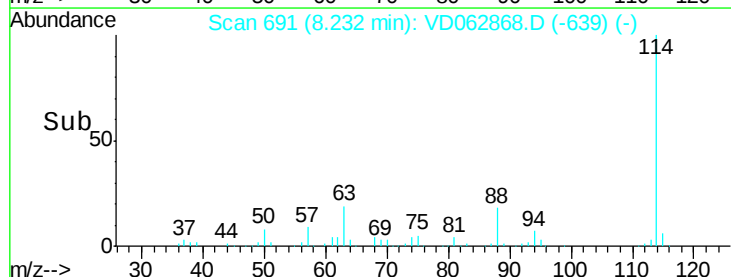
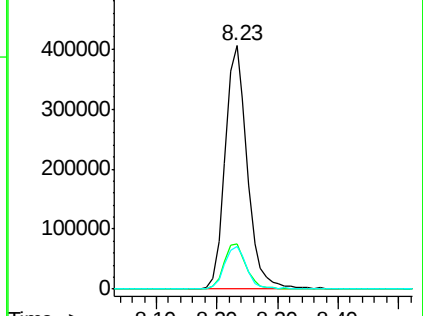
88 17.6 0.0 38.8



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: 56.152 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062868.D

Acq: 25 Jun 2019 6:38

Instrument :

MSVOA_D

ClientSampleId :

BAT-B09

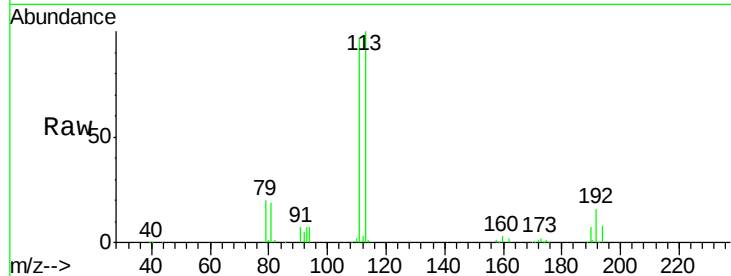
Tot Ion:113 Resp: 488987

Ion Ratio Lower Upper

113 100

111 97.2 81.2 121.8

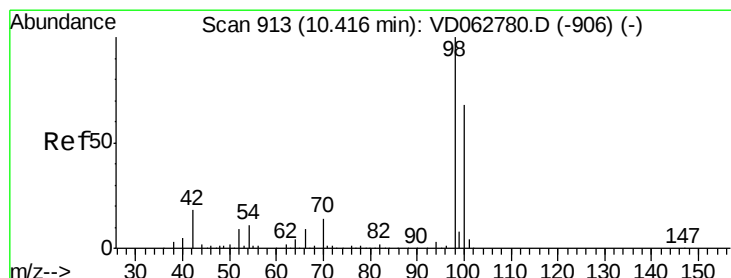
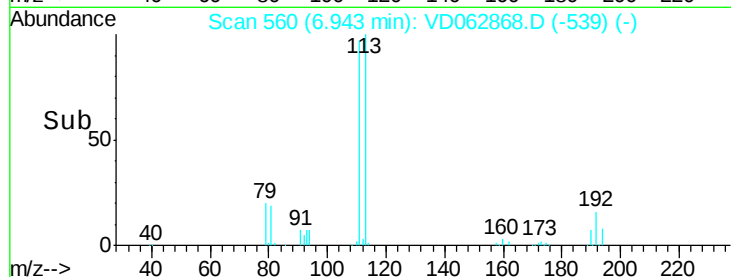
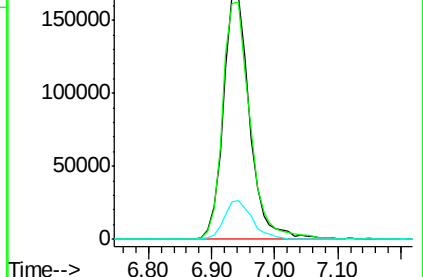
192 16.1 12.9 19.3



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: 51.444 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062868.D

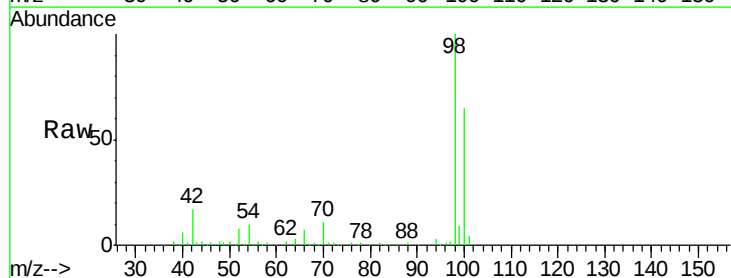
Acq: 25 Jun 2019 6:38

Tgt Ion: 98 Resp: 975021

Ion Ratio Lower Upper

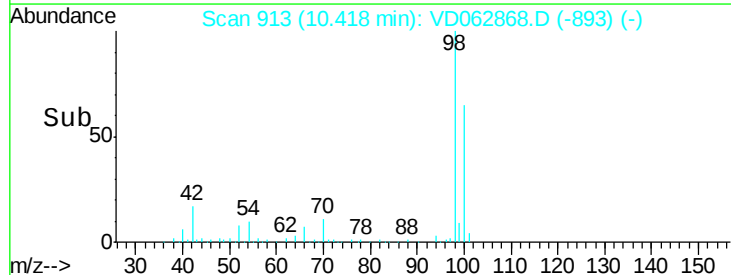
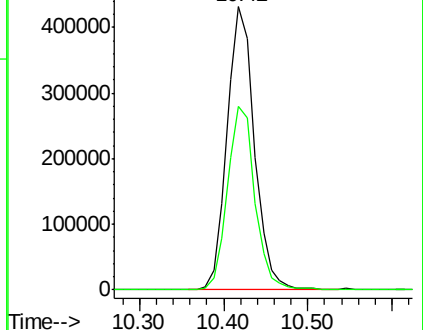
98 100

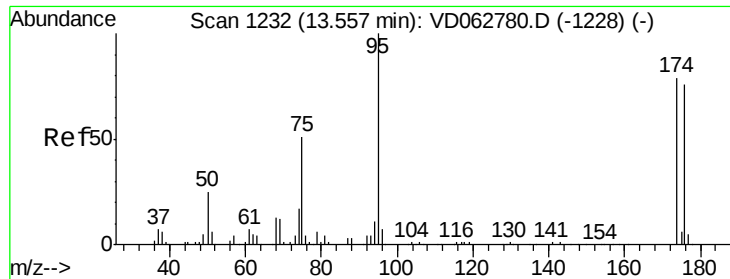
100 64.7 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

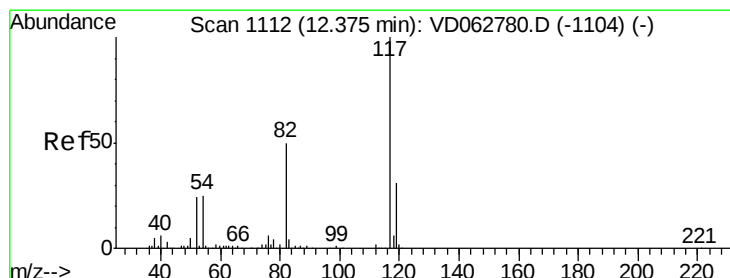
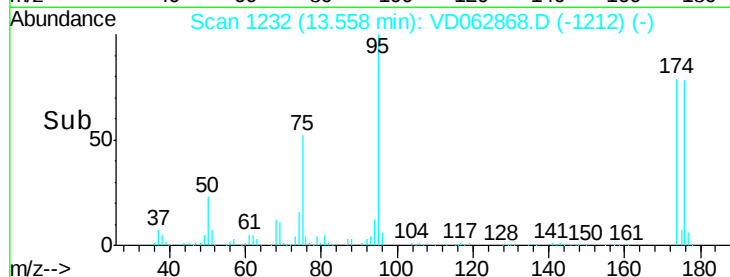
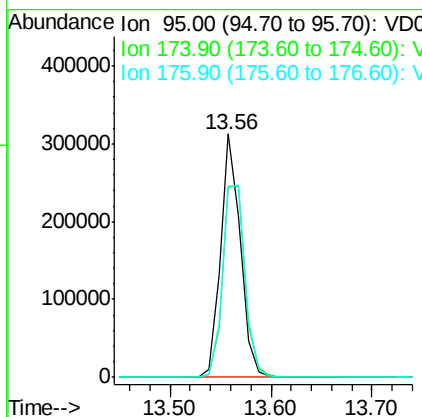
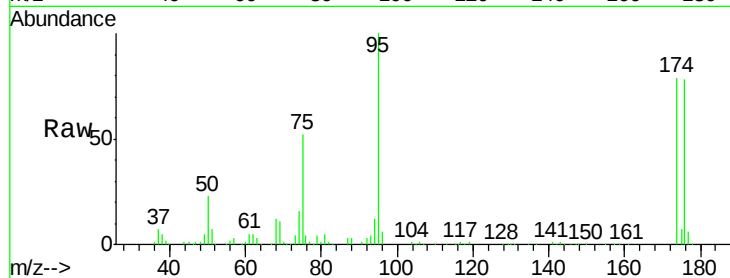




#62
4-Bromofluorobenzene
Concen: 49.424 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062868.D
Acq: 25 Jun 2019 6:38

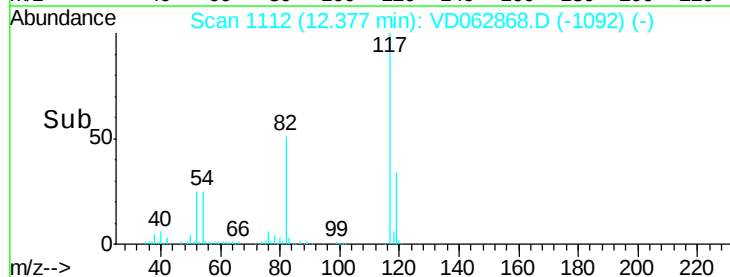
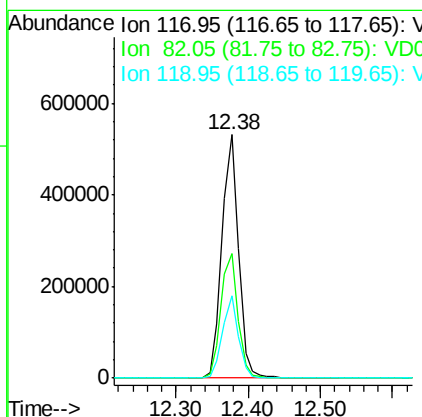
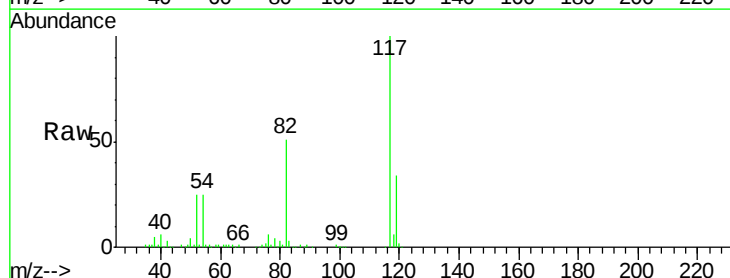
Instrument :
MSVOA_D
ClientSampleId :
BAT-B09

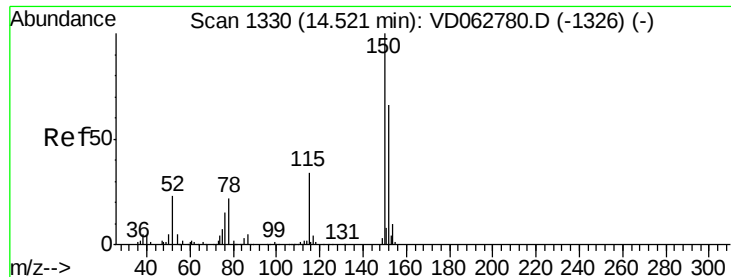
Tot Ion	95	Resp	425948
Ion Ratio	Lower	Upper	
95	100		
174	78.6	0.0	158.0
176	78.1	0.0	151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062868.D
Acq: 25 Jun 2019 6:38

Tgt Ion	117	Resp	841646
Ion Ratio	Lower	Upper	
117	100		
82	51.3	40.4	60.6
119	33.7	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062868.D

Acq: 25 Jun 2019 6:38

Instrument :

MSVOA_D

ClientSampleId :

BAT-B09

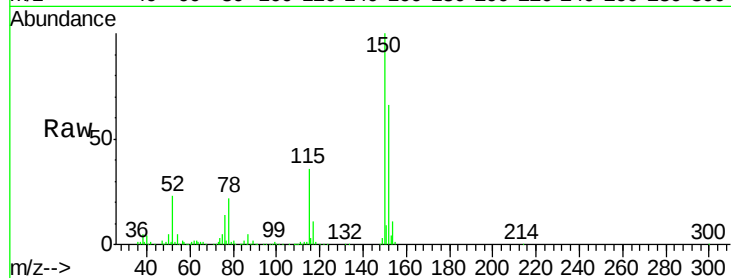
Tot Ion:152 Resp: 441161

Ion Ratio Lower Upper

152 100

115 54.8 29.2 87.6

150 151.9 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

