

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062380.D
 Acq On : 15 May 2019 8:09
 Operator : FY/SY
 Sample : K2801-01
 Misc : 5.88g/5mL/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-1873

Quant Time: May 15 08:54:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

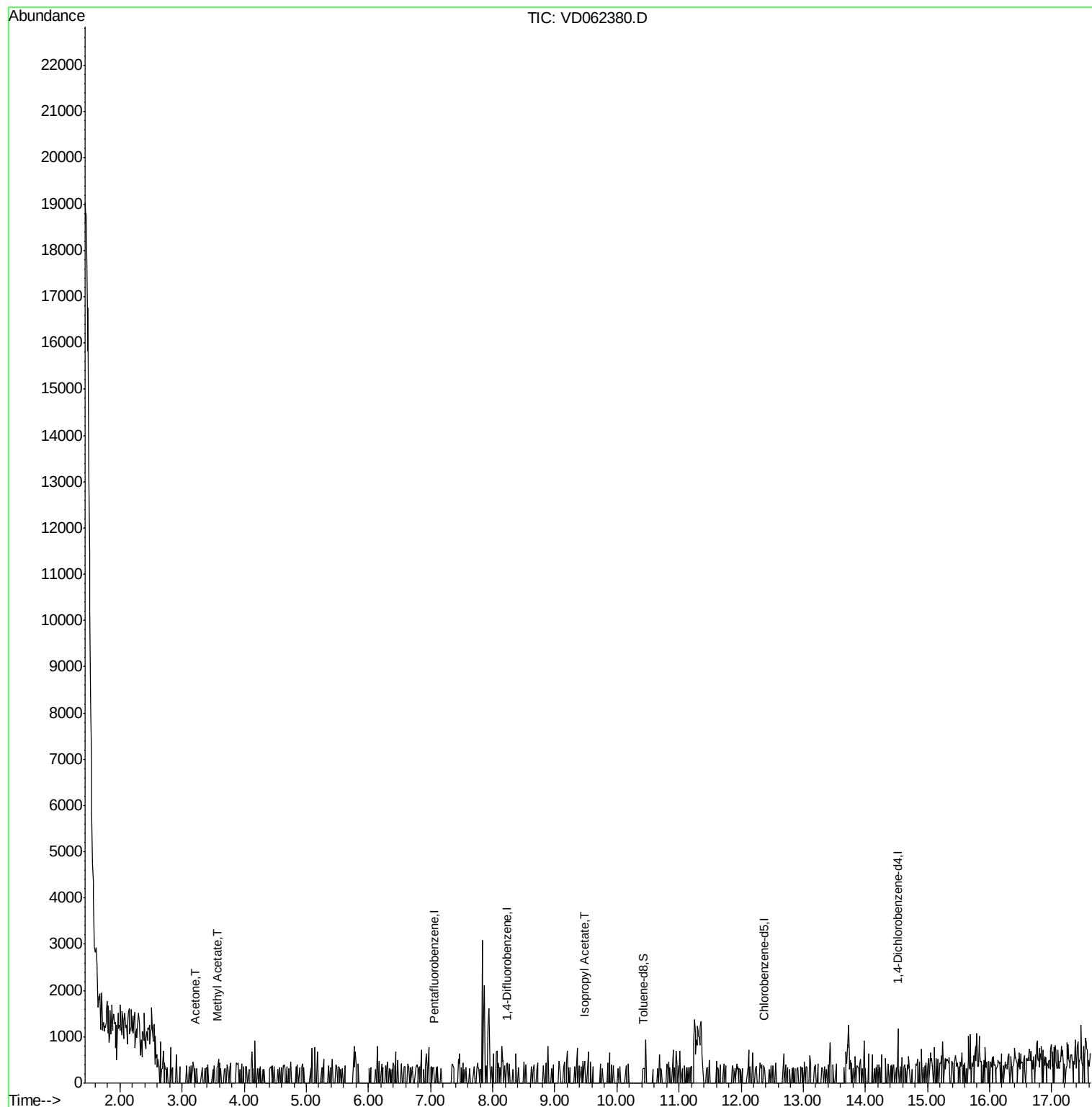
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	199	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	189	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	180	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	192	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.43	98	185	48.93	ug/l	0.03
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
16) Acetone	3.21	43	187	482.177	ug/l #	50
18) Methyl Acetate	3.56	43	188	272.392	ug/l #	53
43) Isopropyl Acetate	9.47	43	186	199.567	ug/l #	43

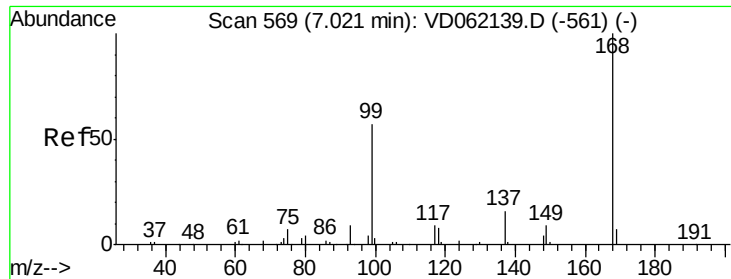
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062380.D

Acq: 15 May 2019 8:09

Instrument :

MSVOA_D

ClientSampleId :

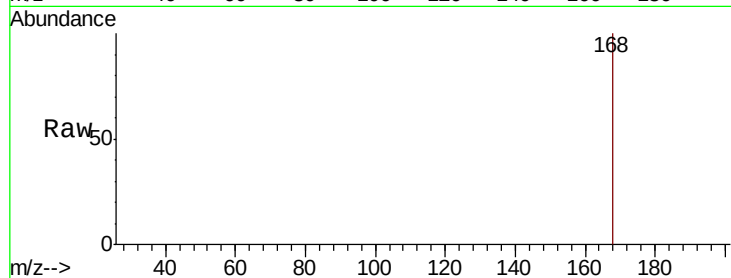
RT-1873

Tot Ion:168 Resp: 199

Ion Ratio Lower Upper

168 100

99 0.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

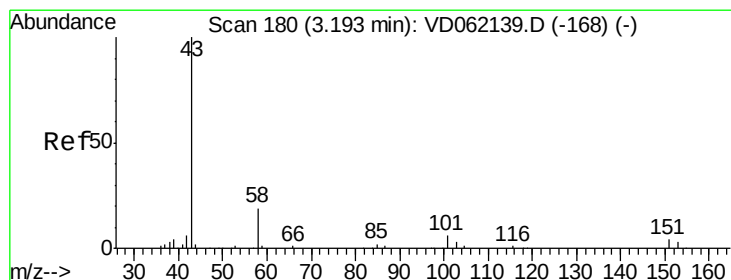
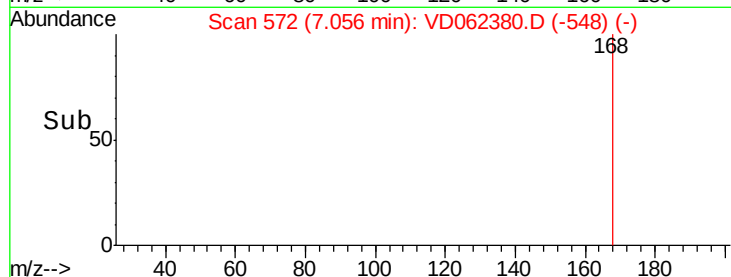
300

200

100

0

Time-->



#16

Acetone

Concen: 482.177 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062380.D

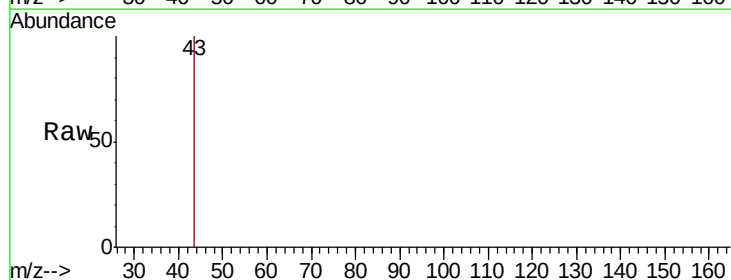
Acq: 15 May 2019 8:09

Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

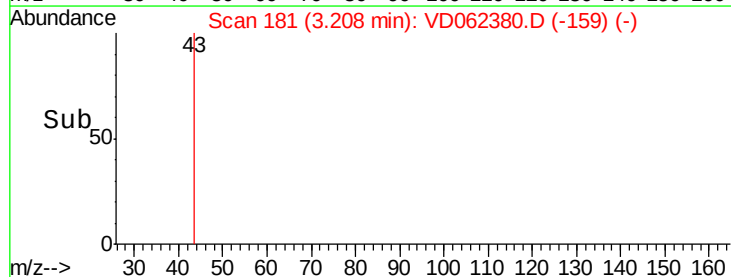
300

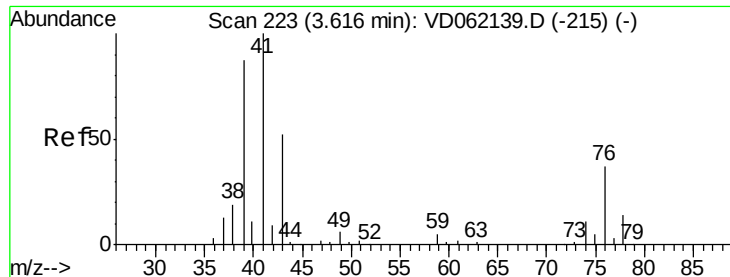
200

100

0

Time-->

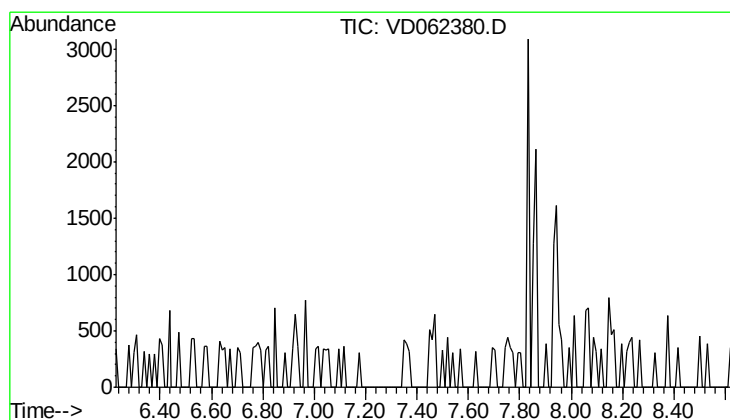
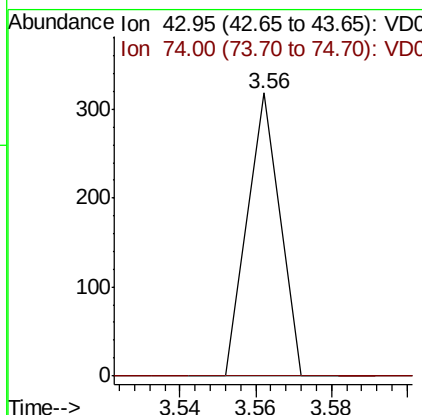
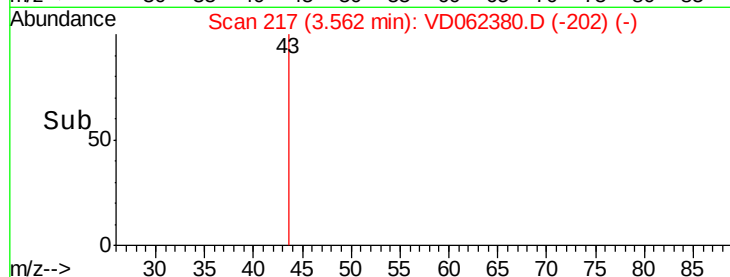
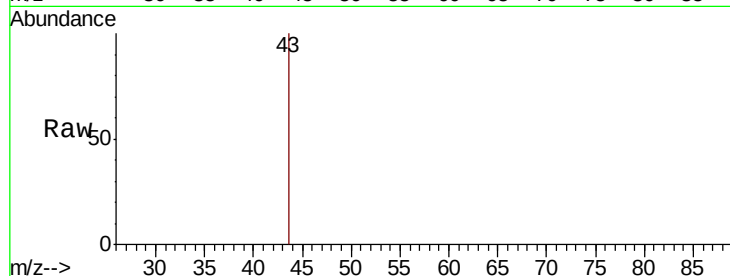




#18
Methyl Acetate
Concen: 272.392 ug/l
RT: 3.56 min Scan# 217
Delta R.T. -0.05 min
Lab File: VD062380.D
Acq: 15 May 2019 8:09

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

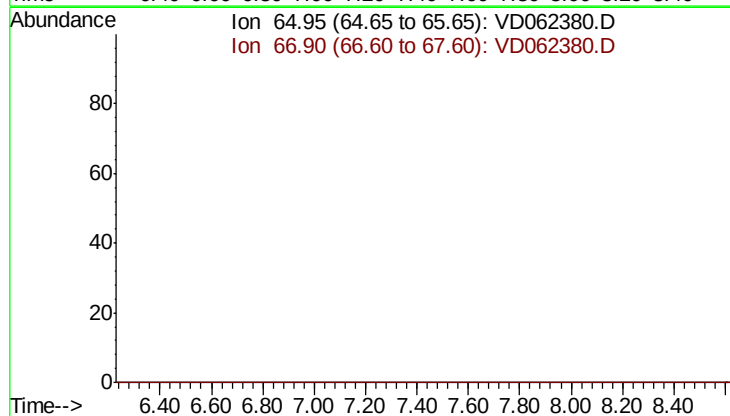
Tot Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#

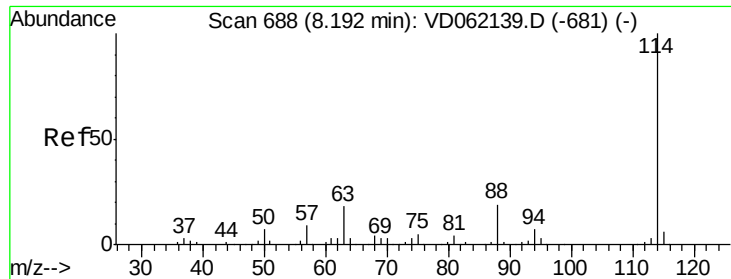


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 7.42 min

Lab File: VD062380.D
Acq: 15 May 2019 8:09

Tgt Ion: 65
Sig Exp Ratio
65 100
67 49.0

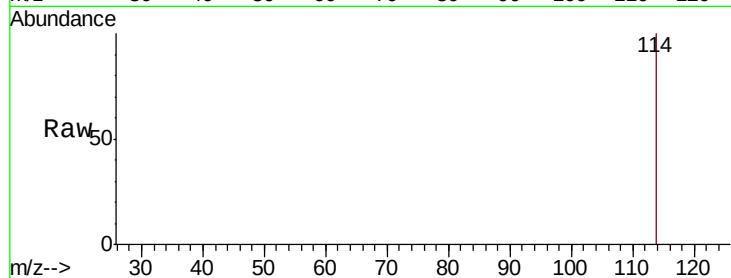




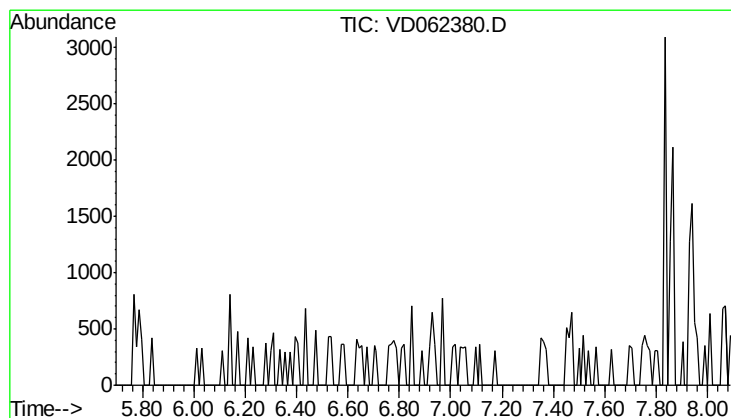
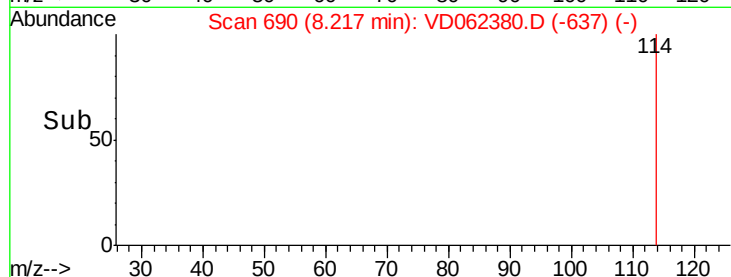
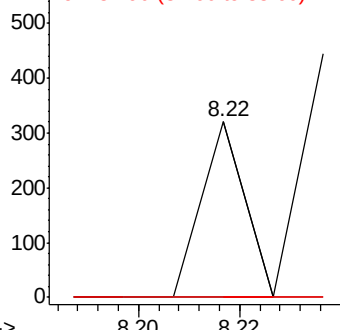
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062380.D
 Acq: 15 May 2019 8:09

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-1873

Tot Ion:114 Resp: 189
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 32.4
 88 0.0 0.0 33.6

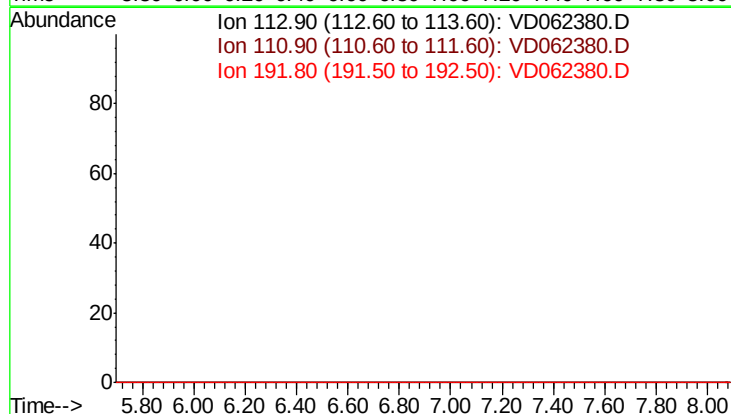


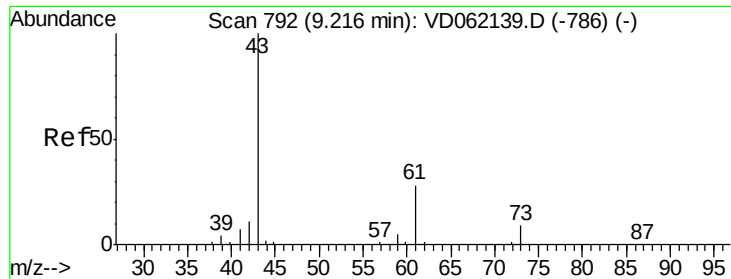
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.89 min
 Lab File: VD062380.D
 Acq: 15 May 2019 8:09

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 98.1
 192 16.2





#43

Isopropyl Acetate

Concen: 199.567 ug/l

RT: 9.47 min Scan# 817

Delta R.T. 0.25 min

Lab File: VD062380.D

Acq: 15 May 2019 8:09

Instrument :

MSVOA_D

ClientSampleID :

RT-1873

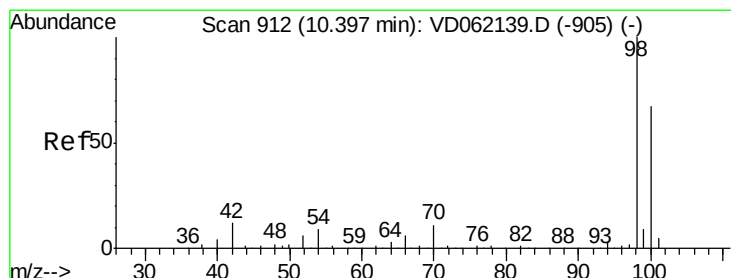
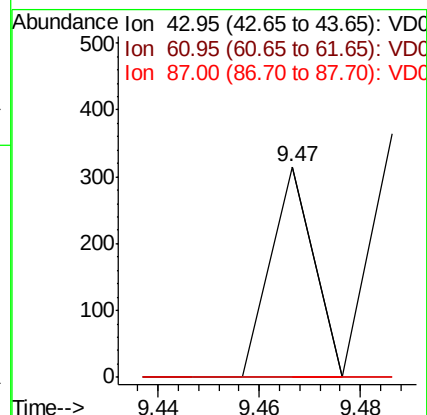
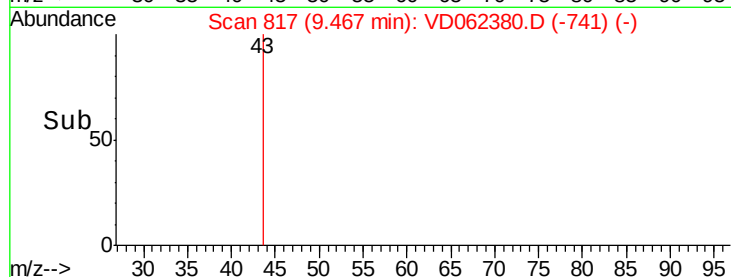
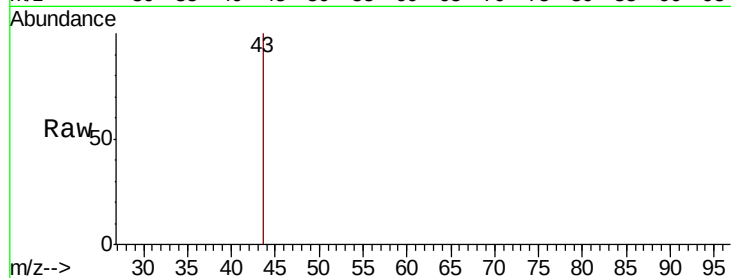
Tot Ion: 43 Resp: 186

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

87 0.0 0.0 0.0



#50

Toluene-d8

Concen: 48.930 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062380.D

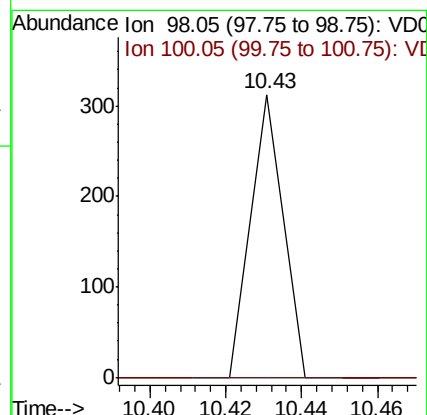
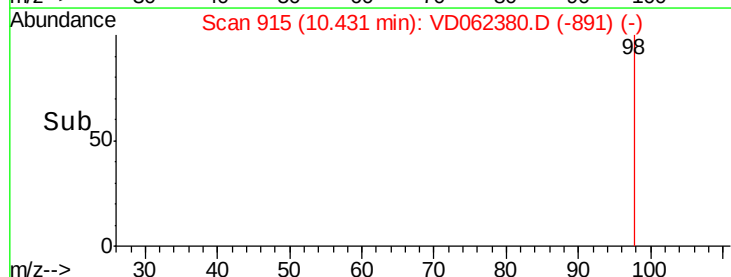
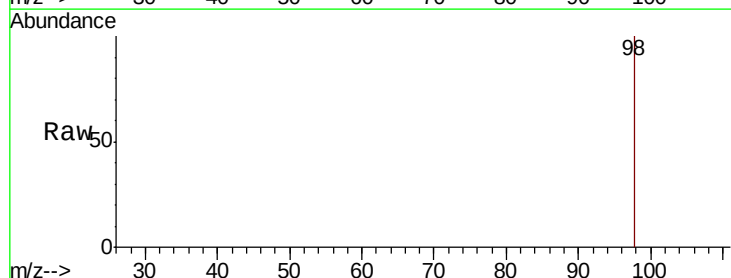
Acq: 15 May 2019 8:09

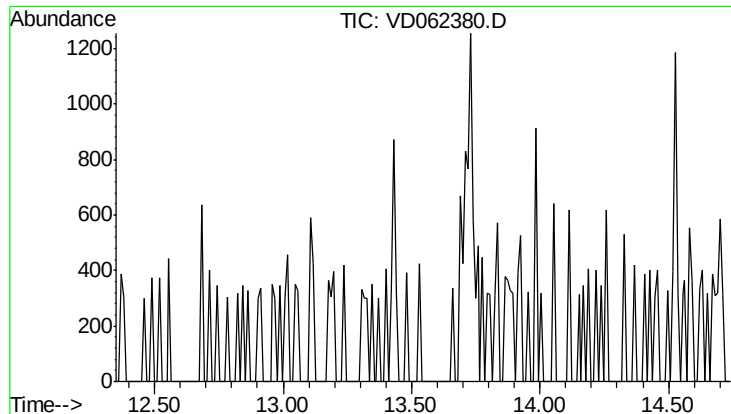
Tgt Ion: 98 Resp: 185

Ion Ratio Lower Upper

98 100

100 0.0 53.8 80.8#





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 13.55 min

Lab File: VD062380.D

Acq: 15 May 2019 8:09

Instrument :

MSVOA_D

ClientSampleId :

RT-1873

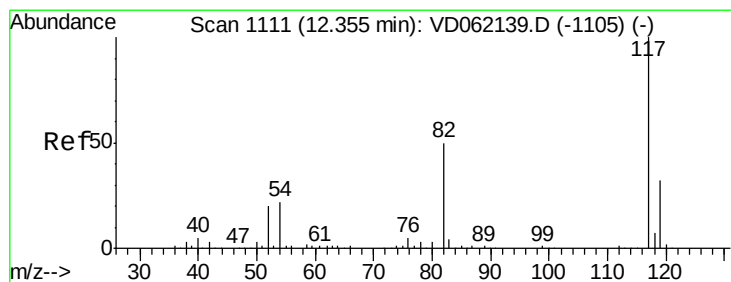
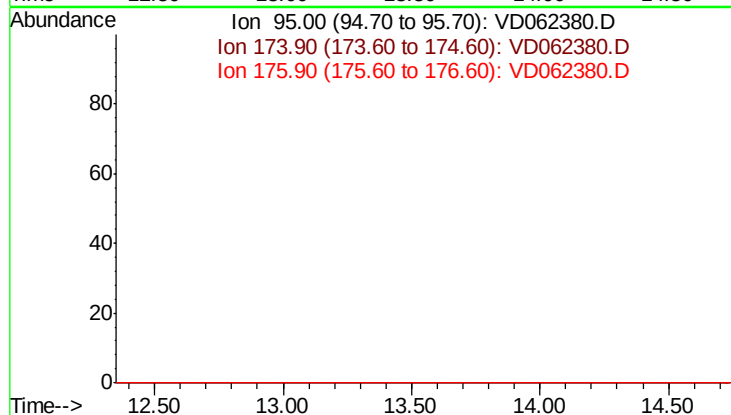
Tot Ion: 95

Sig Exp Ratio

95 100

174 90.9

176 87.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062380.D

Acq: 15 May 2019 8:09

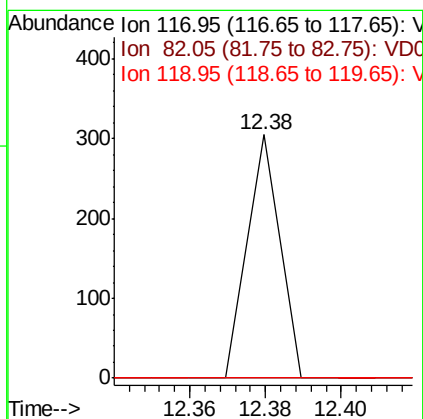
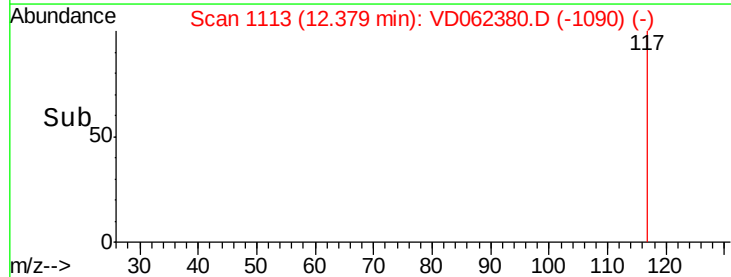
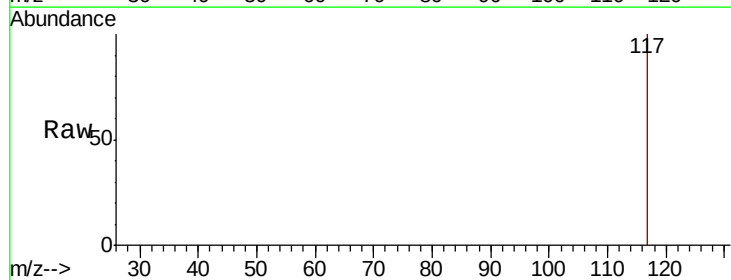
Tgt Ion: 117 Resp: 180

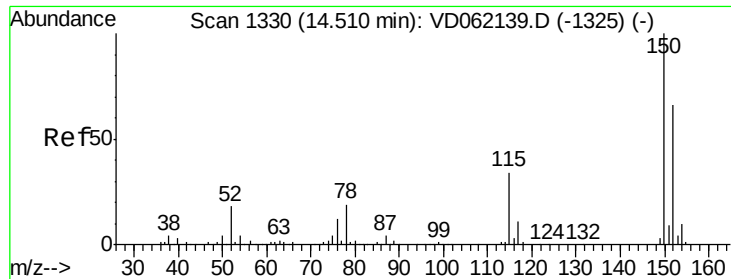
Ion Ratio Lower Upper

117 100

82 0.0 36.2 54.2#

119 0.0 26.2 39.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062380.D

Acq: 15 May 2019 8:09

Instrument :

MSVOA_D

ClientSampleId :

RT-1873

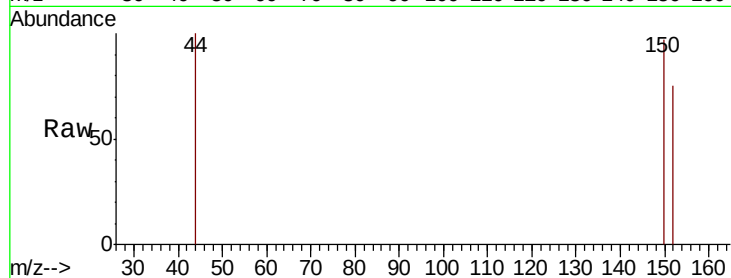
Tot Ion:152 Resp: 192

Ion Ratio Lower Upper

152 100

115 0.0 30.9 92.7#

150 130.5 0.0 314.8



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

