

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063558.D
 Acq On : 14 Aug 2019 7:06
 Operator : JC/SY
 Sample : K4324-09
 Misc : 5.72g/5ml/MSVOA D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C1-(4)

Quant Time: Aug 14 10:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

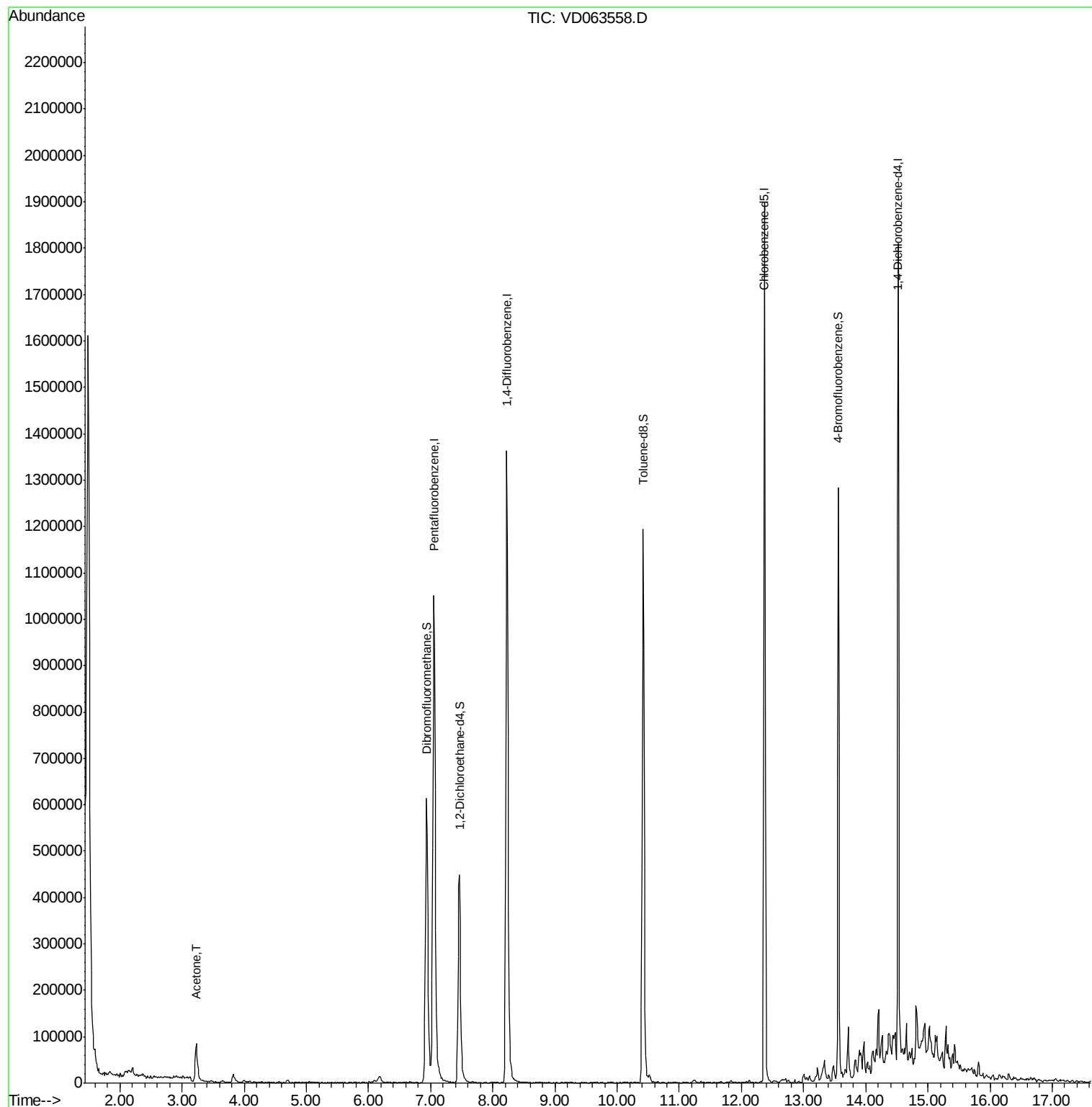
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1008459	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1469414	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.38	117	1061320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	376847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	506644	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
35) Dibromofluoromethane	6.93	113	535654	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
50) Toluene-d8	10.42	98	968420	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.18%	
62) 4-Bromofluorobenzene	13.56	95	344106	27.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.80%	
Target Compounds						
16) Acetone	3.23	43	162970	74.372	ug/l	Qvalue 94

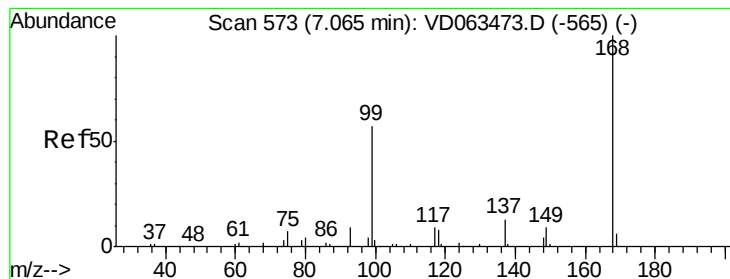
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063558.D

Acq: 14 Aug 2019 7:06

Instrument :

MSVOA_D

ClientSampleId :

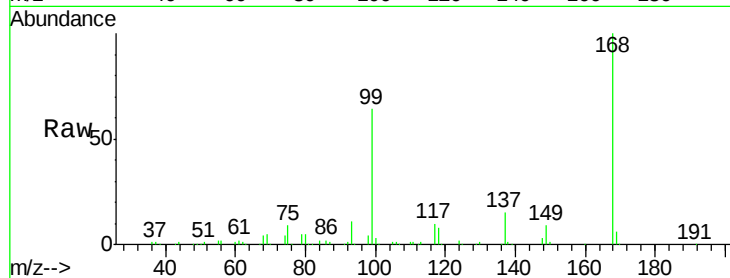
T8-C1-(4)

Tot Ion:168 Resp: 1008459

Ion Ratio Lower Upper

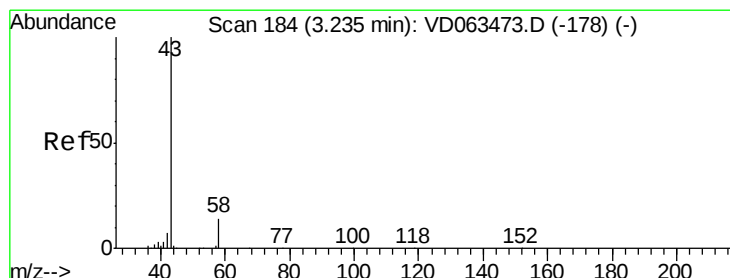
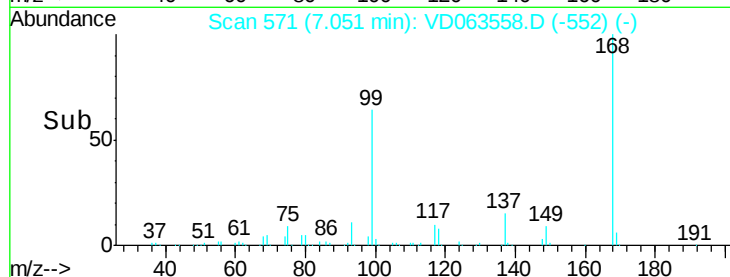
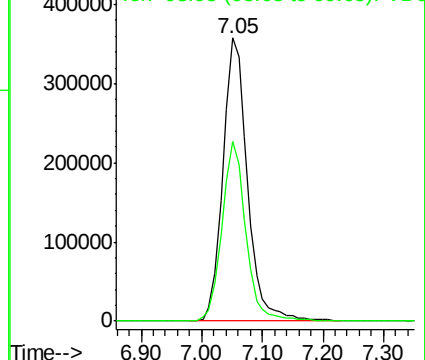
168 100

99 63.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 74.372 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD063558.D

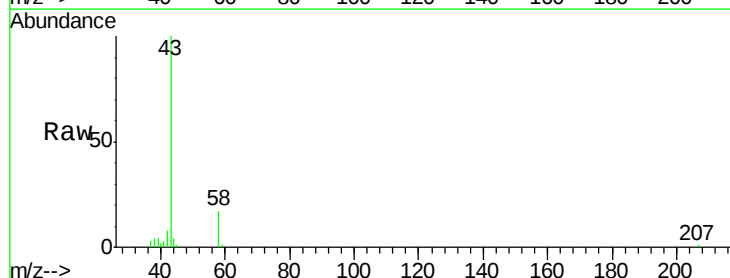
Acq: 14 Aug 2019 7:06

Tgt Ion: 43 Resp: 162970

Ion Ratio Lower Upper

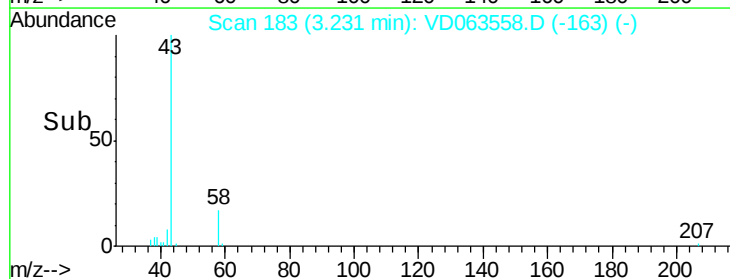
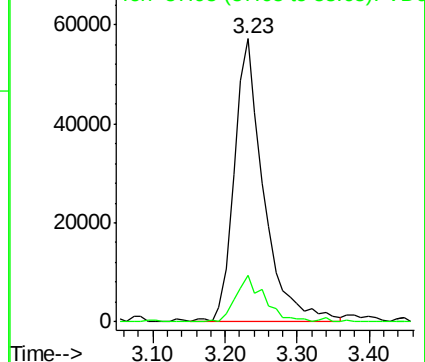
43 100

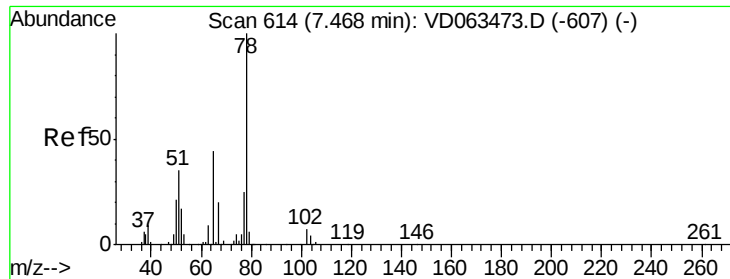
58 16.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

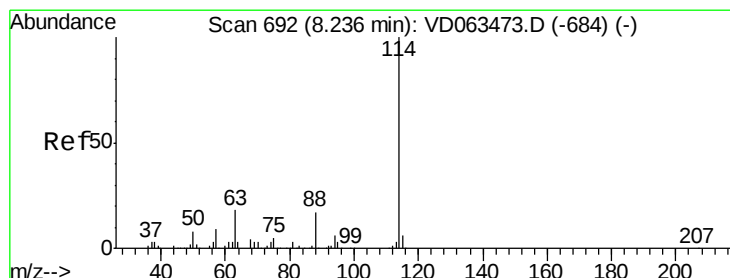
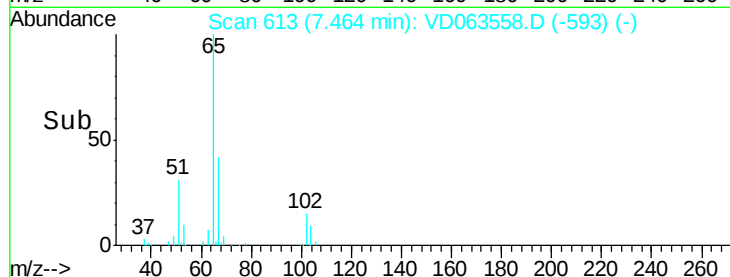
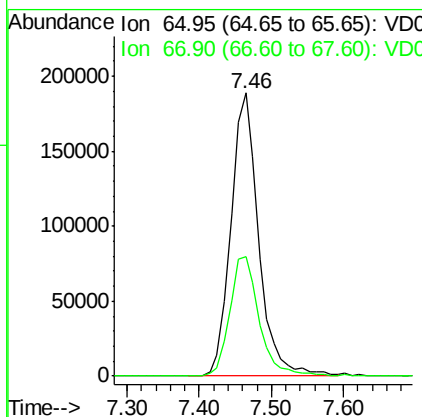
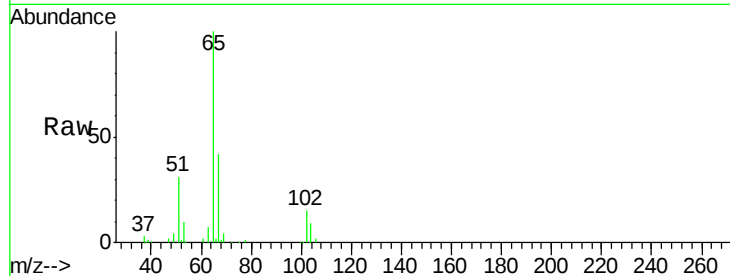




#33
 1,2-Dichloroethane-d4
 Concen: 47.000 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD063558.D
 Acq: 14 Aug 2019 7:06

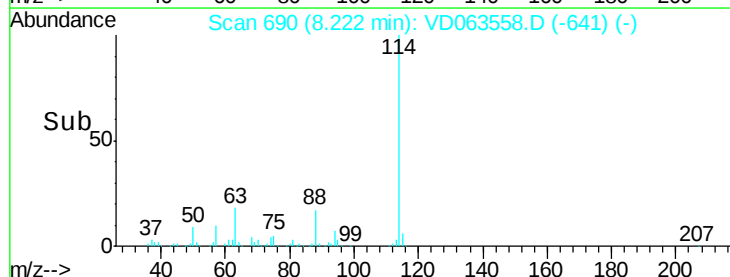
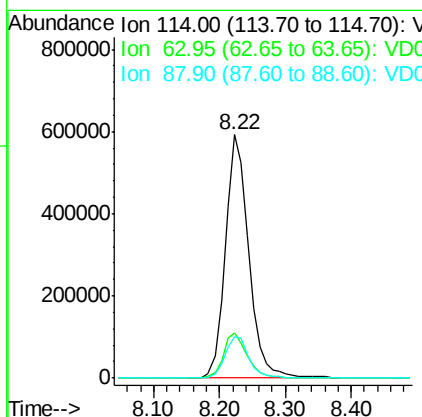
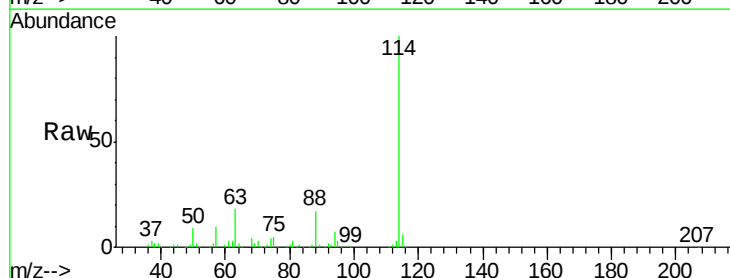
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C1-(4)

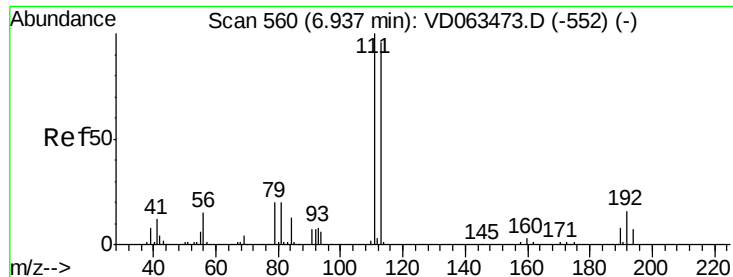
Tot Ion: 65 Resp: 506644
 Ion Ratio Lower Upper
 65 100
 67 42.1 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD063558.D
 Acq: 14 Aug 2019 7:06

Tgt Ion: 114 Resp: 1469414
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 17.2 0.0 35.0





#35

Dibromofluoromethane

Concen: 43.283 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063558.D

Acq: 14 Aug 2019 7:06

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(4)

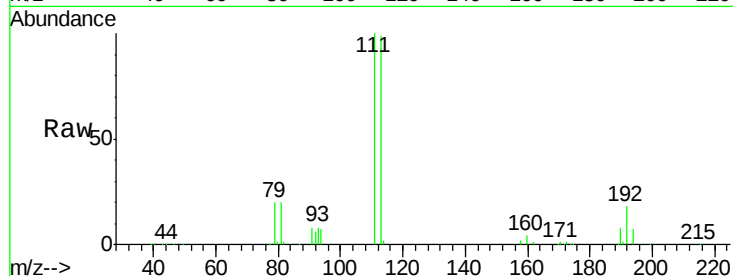
Tot Ion:113 Resp: 535654

Ion Ratio Lower Upper

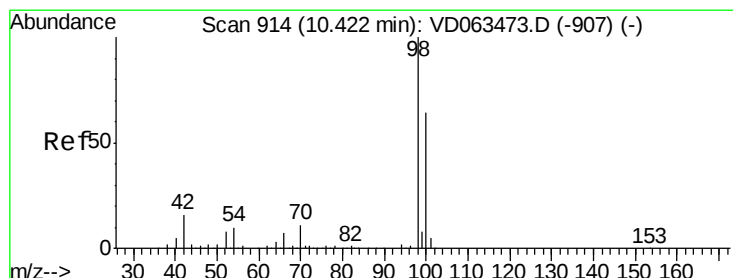
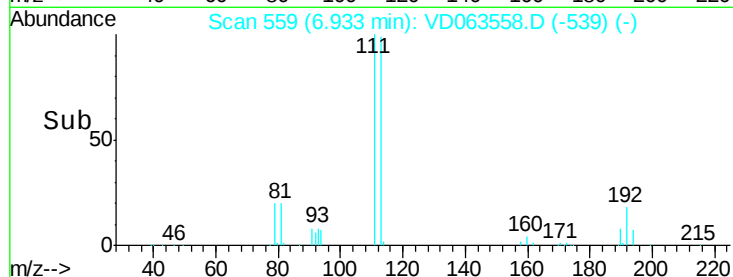
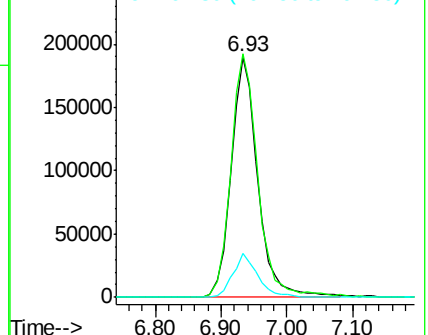
113 100

111 101.3 83.1 124.7

192 18.4 13.1 19.7



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: 35.593 ug/l

RT: 10.42 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD063558.D

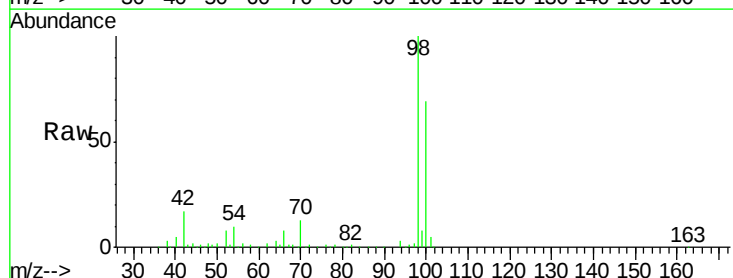
Acq: 14 Aug 2019 7:06

Tgt Ion: 98 Resp: 968420

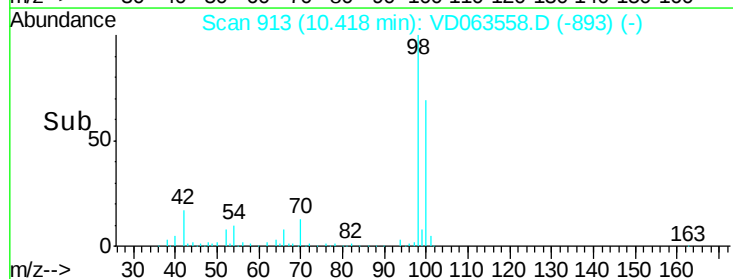
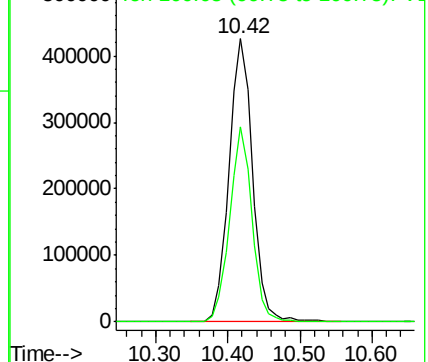
Ion Ratio Lower Upper

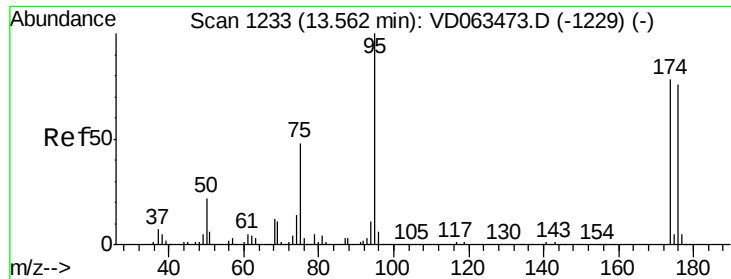
98 100

100 68.8 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 27.904 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063558.D

Acq: 14 Aug 2019 7:06

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(4)

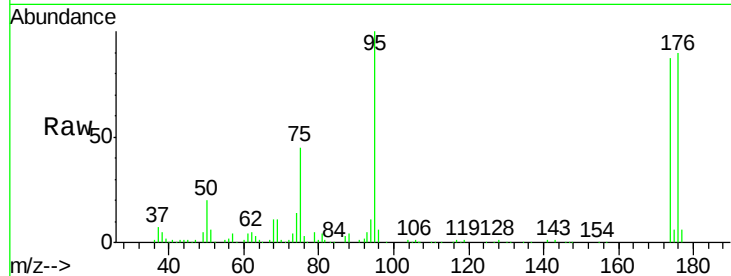
Tot Ion: 95 Resp: 344106

Ion Ratio Lower Upper

95 100

174 87.2 0.0 155.4

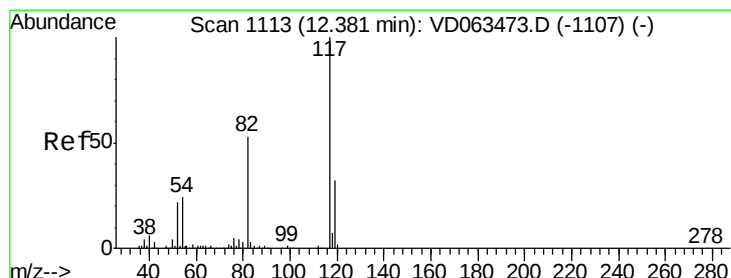
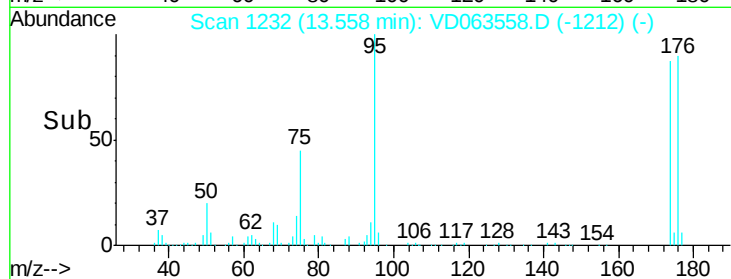
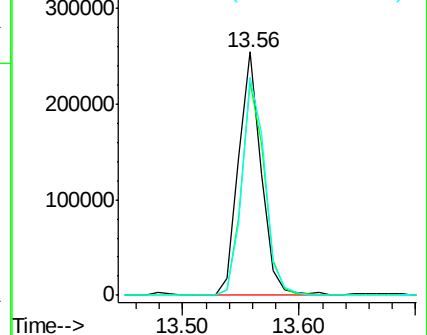
176 89.6 0.0 152.4



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: 12.38 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD063558.D

Acq: 14 Aug 2019 7:06

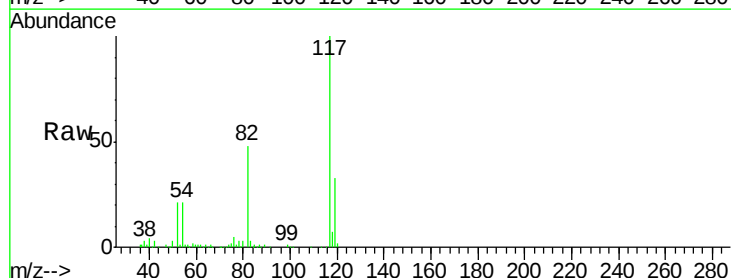
Tgt Ion: 117 Resp: 1061320

Ion Ratio Lower Upper

117 100

82 48.4 42.0 63.0

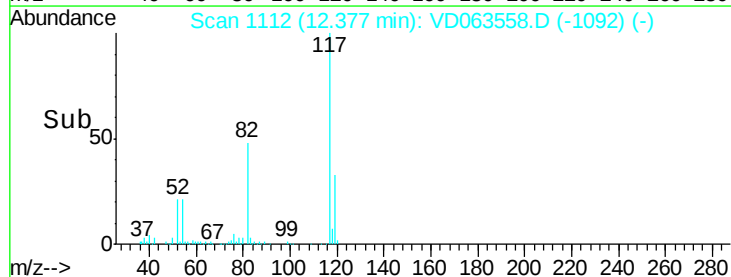
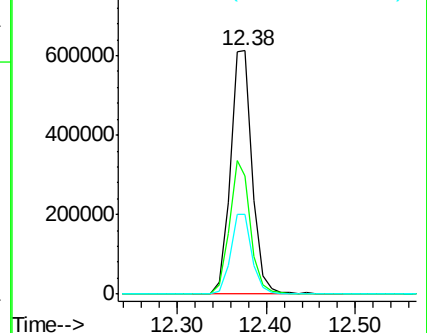
119 33.0 25.4 38.0

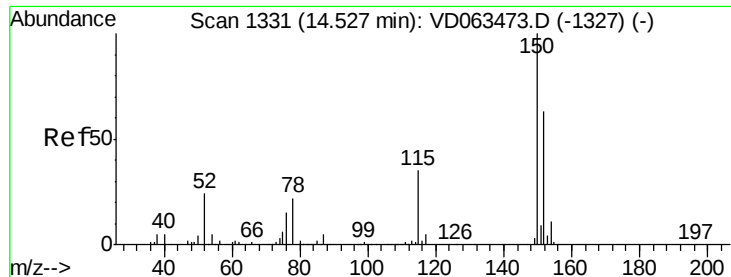


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063558.D

Acq: 14 Aug 2019 7:06

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(4)

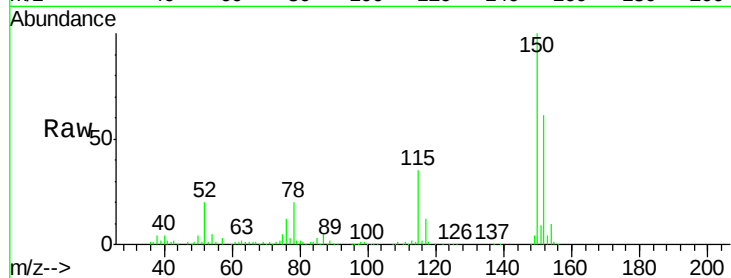
Tot Ion:152 Resp: 376847

Ion Ratio Lower Upper

152 100

115 57.7 30.9 92.7

150 164.5 0.0 318.6



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

