

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063173.D
 Acq On : 22 Jul 2019 13:30
 Operator : VA/AP
 Sample : K3622-11
 Misc : 6.59g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071919-B

Quant Time: Jul 23 08:08:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

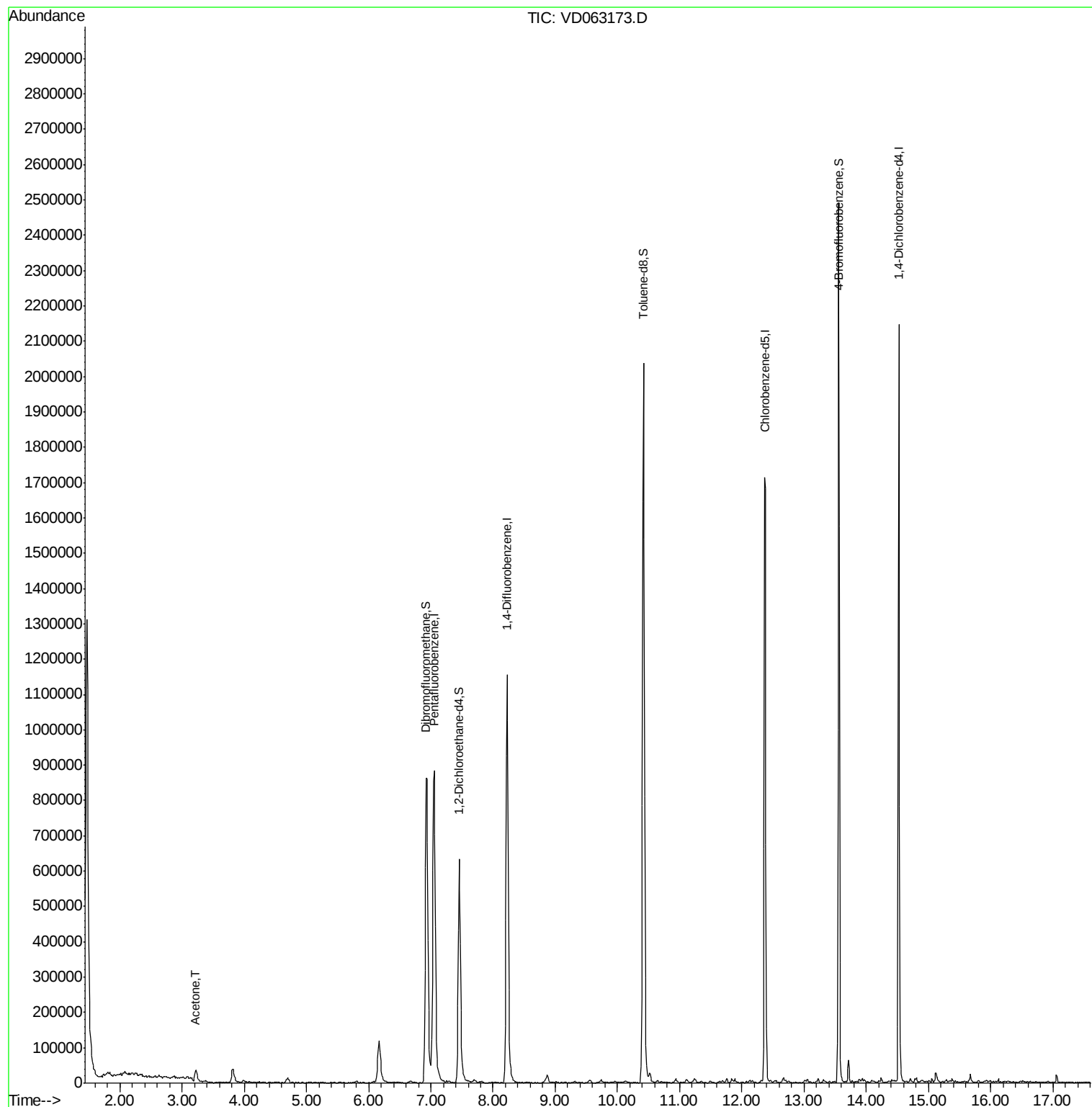
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	877973	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1257755	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	974612	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	455901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	667662	61.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.10%	
35) Dibromofluoromethane	6.93	113	775976	61.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	123.88%	
50) Toluene-d8	10.42	98	1622252	60.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	120.58%	
62) 4-Bromofluorobenzene	13.56	95	650369	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
Target Compounds						
16) Acetone	3.22	43	63885	24.185	ug/l	Qvalue 98

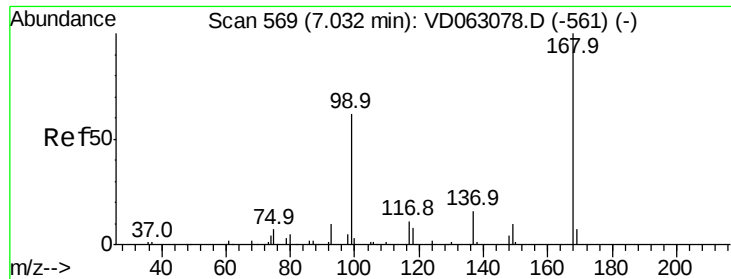
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

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MSVOA_D

ClientSampleId :

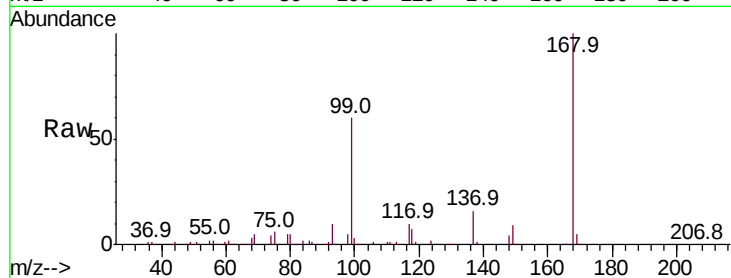
OR-02-071919-B

Tot Ion:168 Resp: 877973

Ion Ratio Lower Upper

168 100

99 59.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

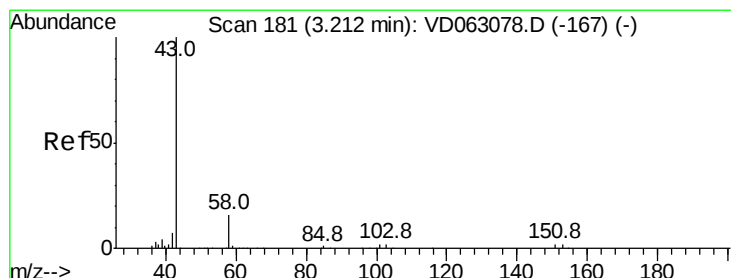
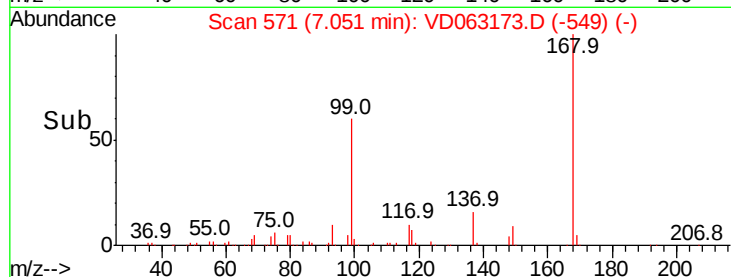
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 24.185 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD063173.D

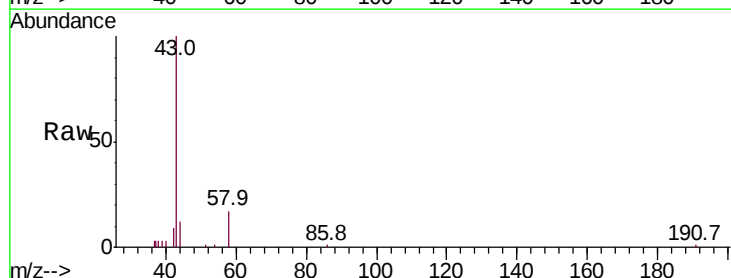
Acq: 22 Jul 2019 13:30

Tgt Ion: 43 Resp: 63885

Ion Ratio Lower Upper

43 100

58 16.9 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

25000

20000

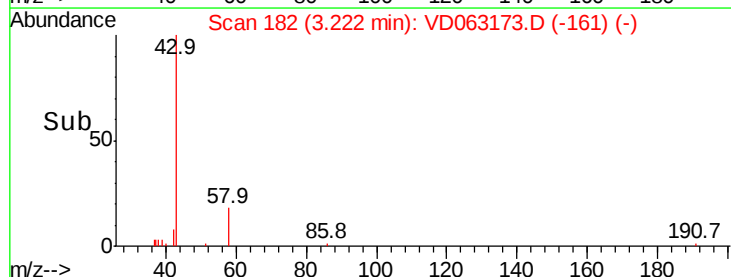
15000

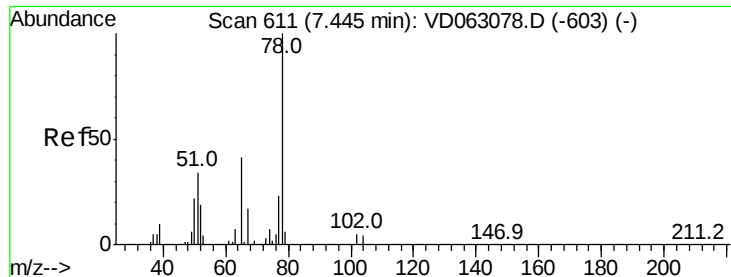
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 61.047 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063173.D

Acq: 22 Jul 2019 13:30

Instrument :

MSVOA_D

ClientSampleId :

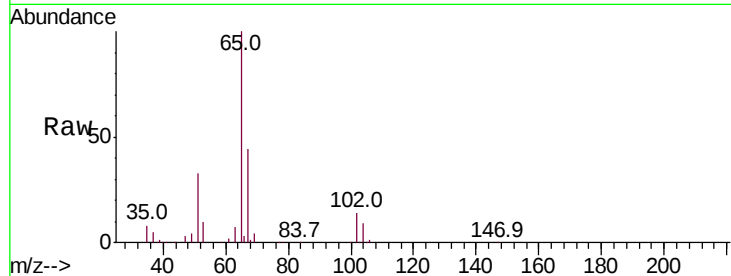
OR-02-071919-B

Tot Ion: 65 Resp: 667662

Ion Ratio Lower Upper

65 100

67 44.3 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

250000

200000

150000

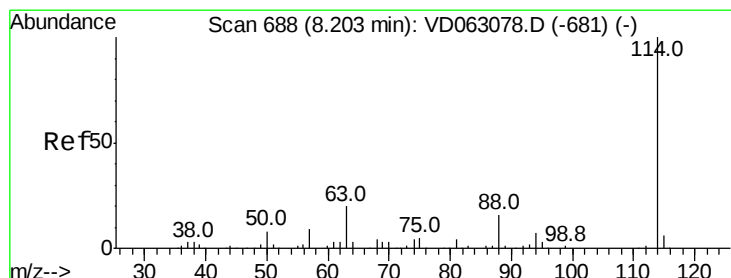
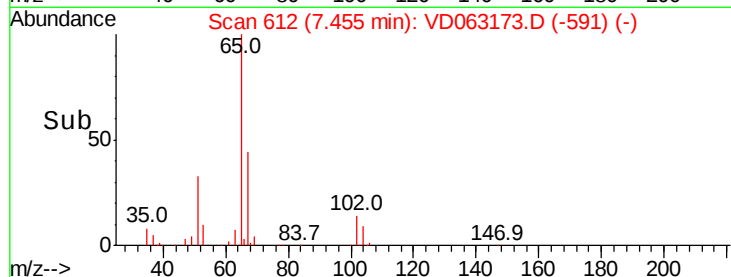
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD063173.D

Acq: 22 Jul 2019 13:30

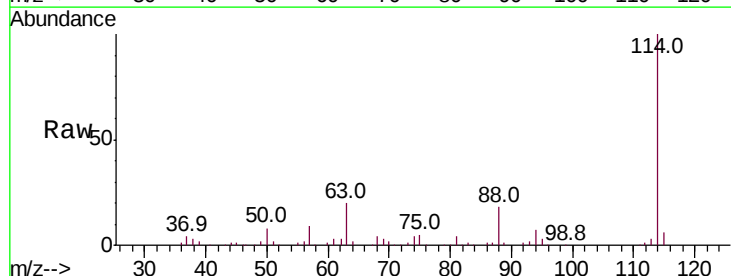
Tgt Ion: 114 Resp: 1257755

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

88 18.1 0.0 32.6



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

8.22

600000

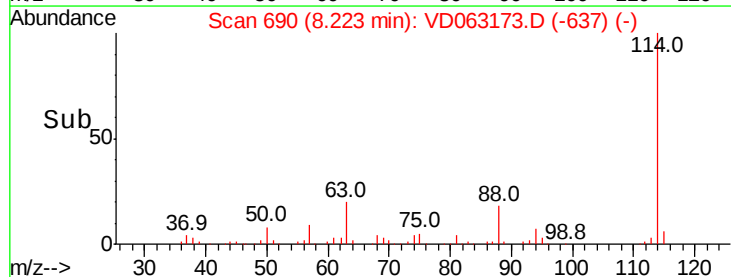
400000

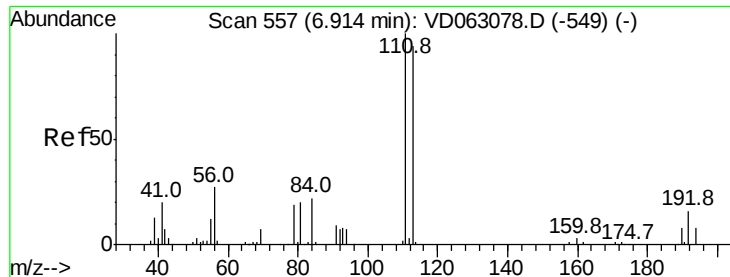
200000

0

Time-->

8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 61.942 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063173.D

Acq: 22 Jul 2019 13:30

Instrument :

MSVOA_D

ClientSampleId :

OR-02-071919-B

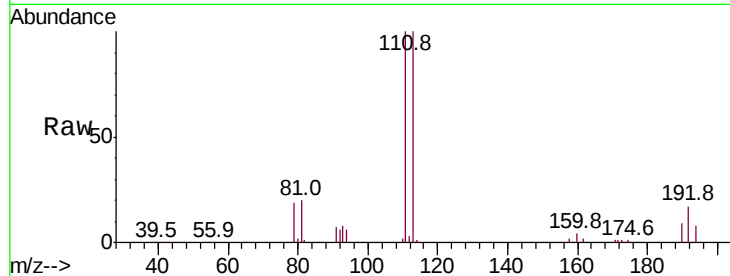
Tot Ion:113 Resp: 775976

Ion Ratio Lower Upper

113 100

111 100.3 84.8 127.2

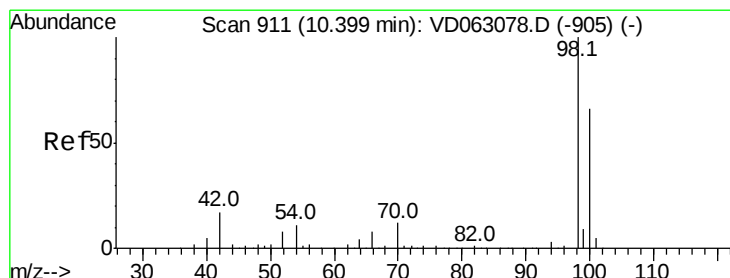
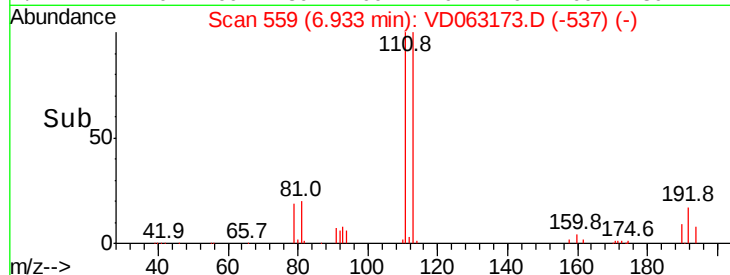
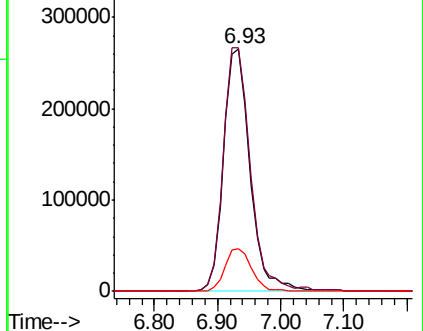
192 17.5 13.4 20.0



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: 60.286 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD063173.D

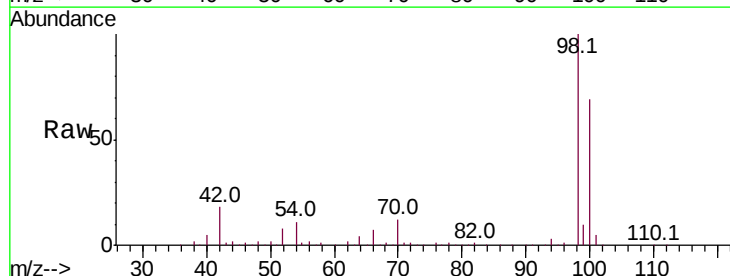
Acq: 22 Jul 2019 13:30

Tgt Ion: 98 Resp: 1622252

Ion Ratio Lower Upper

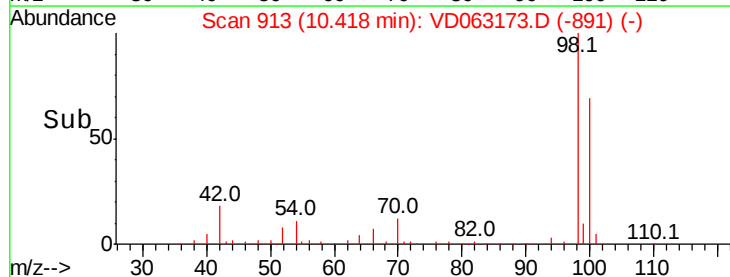
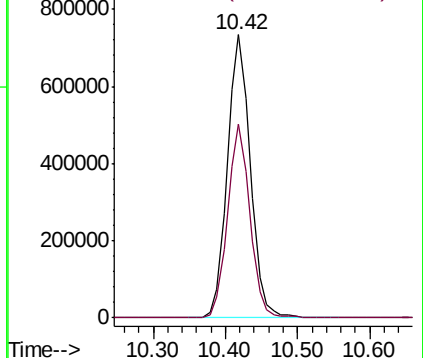
98 100

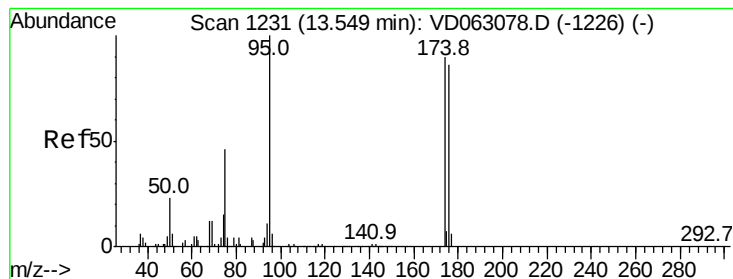
100 68.5 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 52.242 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063173.D

Acq: 22 Jul 2019 13:30

Instrument :

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OR-02-071919-B

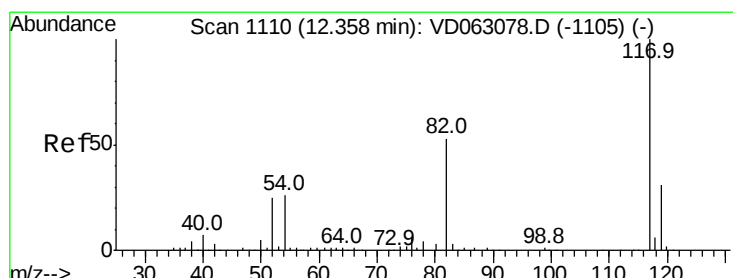
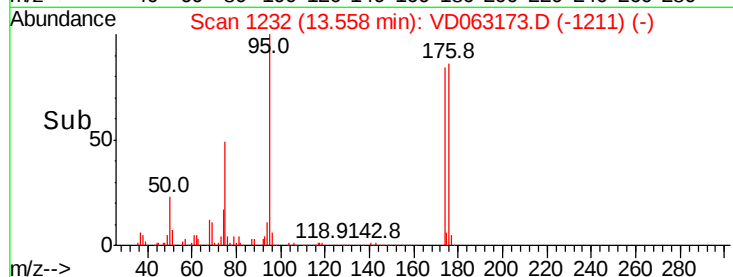
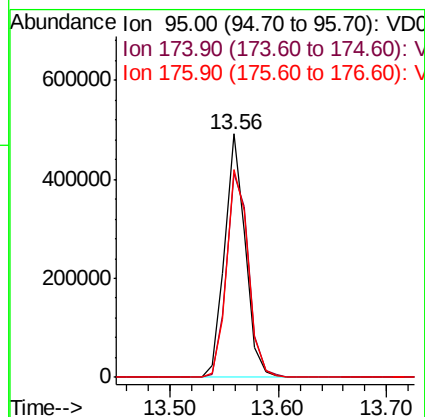
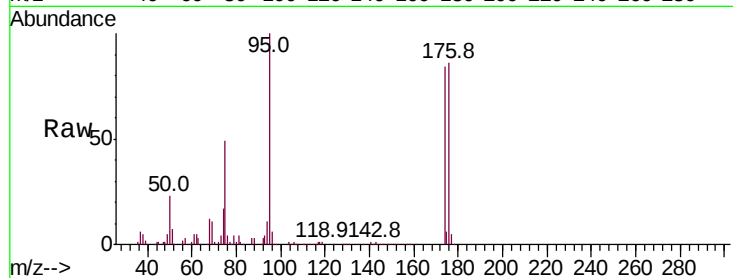
Tot Ion: 95 Resp: 650369

Ion Ratio Lower Upper

95 100

174 83.8 0.0 180.6

176 85.5 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VD063173.D

Acq: 22 Jul 2019 13:30

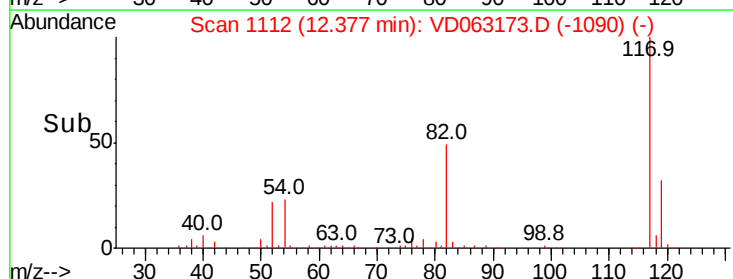
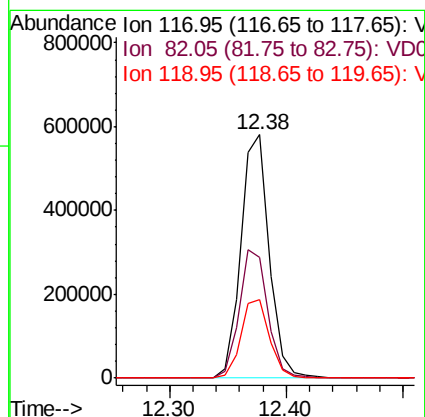
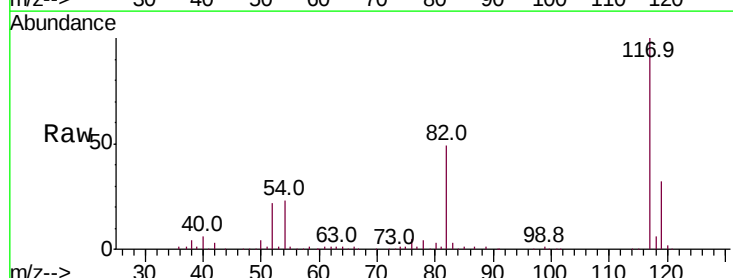
Tgt Ion: 117 Resp: 974612

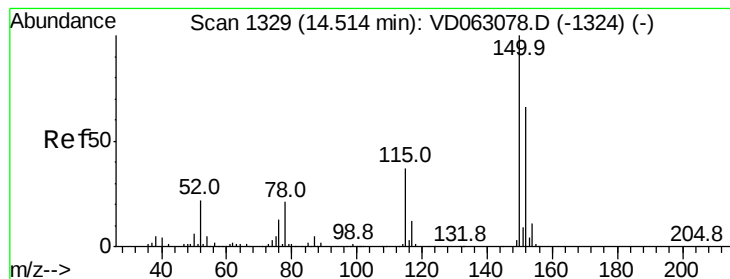
Ion Ratio Lower Upper

117 100

82 49.3 42.3 63.5

119 32.5 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD063173.D

Acq: 22 Jul 2019 13:30

Instrument :

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ClientSampleId :

OR-02-071919-B

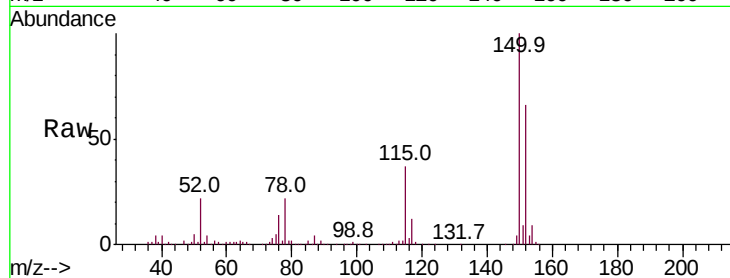
Tot Ion:152 Resp: 455901

Ion Ratio Lower Upper

152 100

115 55.5 28.9 86.8

150 151.8 0.0 313.8



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

