

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067585.D
 Acq On : 10 Nov 2020 16:28
 Operator : VA/SY
 Sample : L4700-01
 Misc : 6.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-38-2-WC

Quant Time: Nov 11 00:53:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

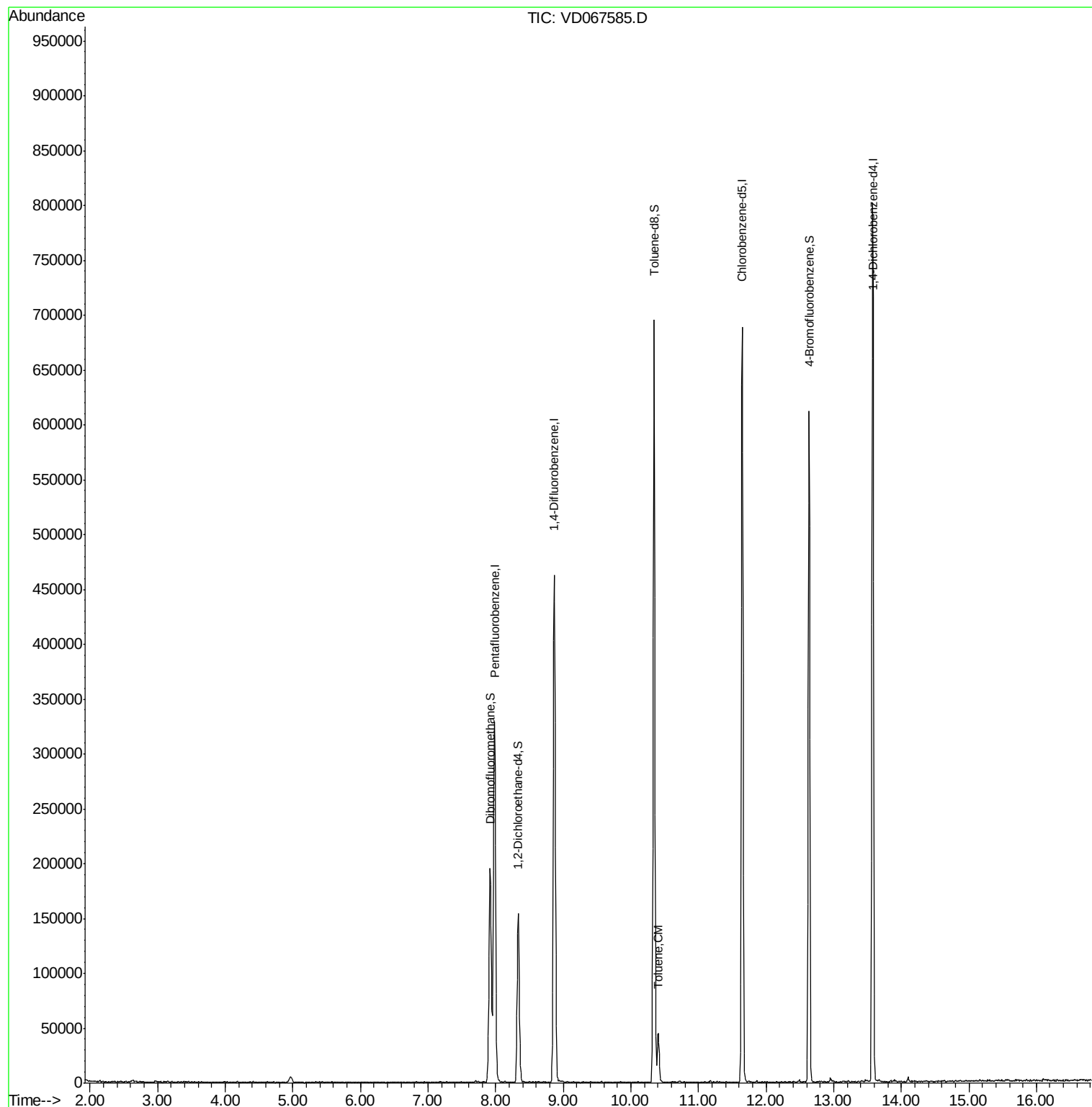
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	253325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	415692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	416294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	137349	62.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.02%	
35) Dibromofluoromethane	7.92	113	139164	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
50) Toluene-d8	10.34	98	477224	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.64	95	187089	61.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.14%	
Target Compounds						
52) Toluene	10.40	92	18281	2.832	ug/l	Qvalue 91

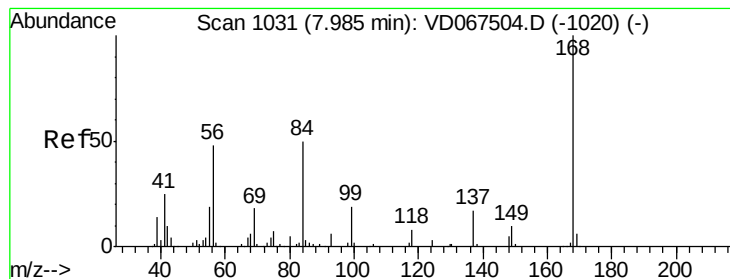
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 00:56:28 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067585.D

Acq: 10 Nov 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

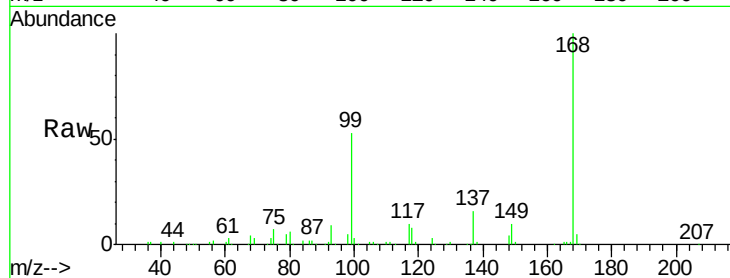
R-LA-38-2-WC

Tot Ion:168 Resp: 253325

Ion Ratio Lower Upper

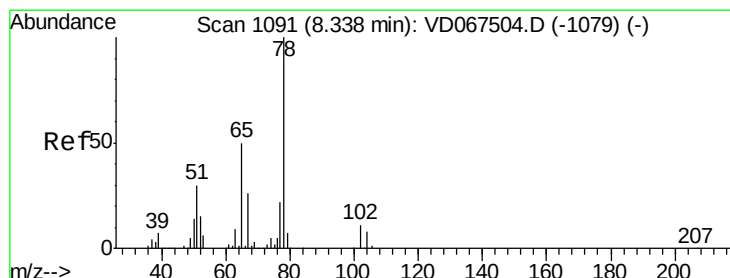
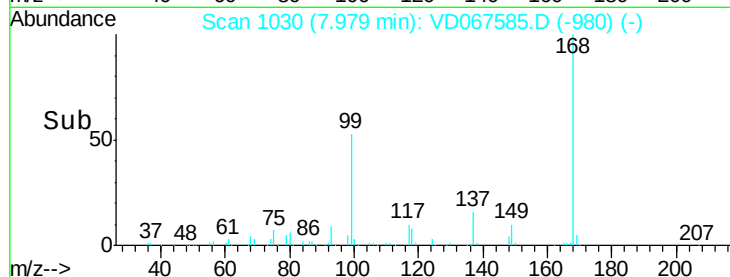
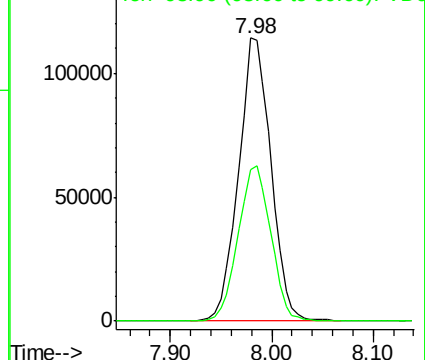
168 100

99 53.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 62.007 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067585.D

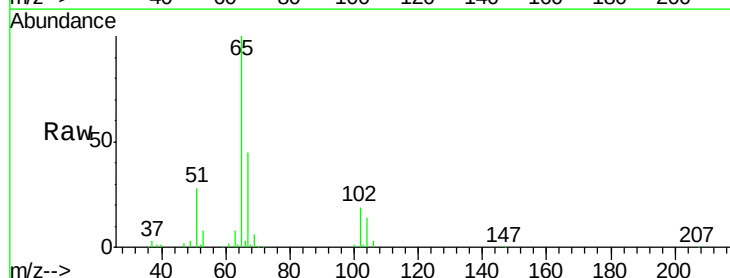
Acq: 10 Nov 2020 16:28

Tgt Ion: 65 Resp: 137349

Ion Ratio Lower Upper

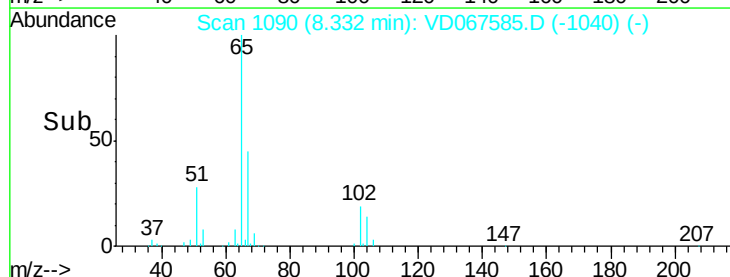
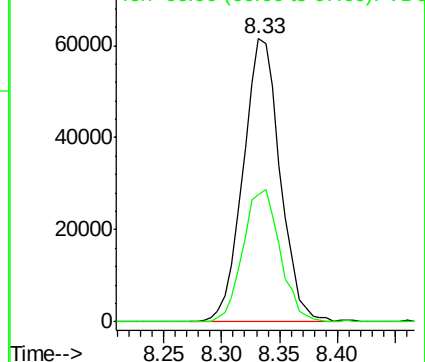
65 100

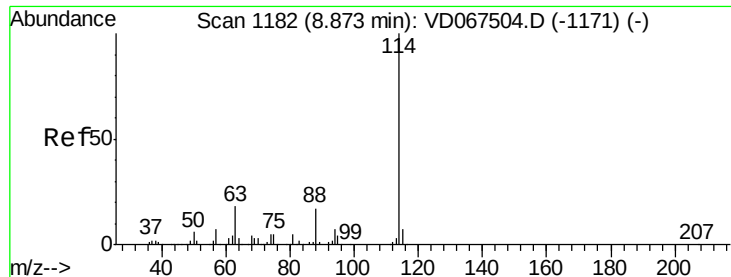
67 47.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067585.D

Acq: 10 Nov 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

R-LA-38-2-WC

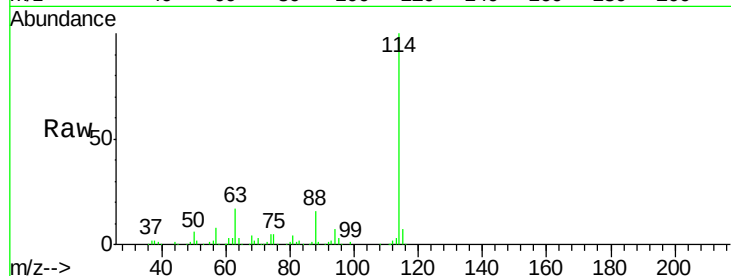
Tot Ion:114 Resp: 415692

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

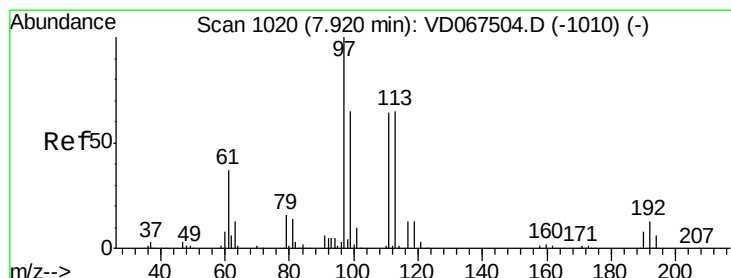
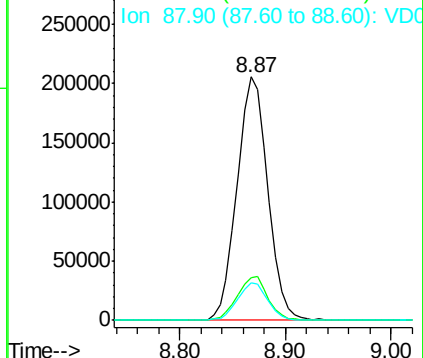
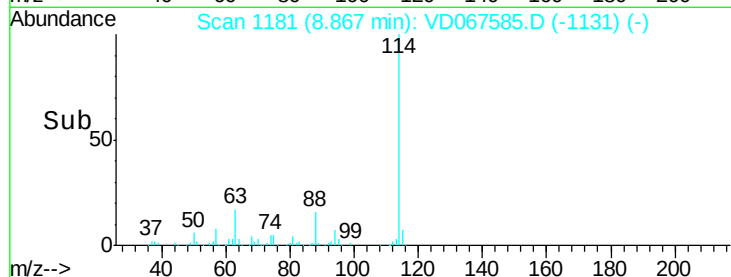
88 15.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 55.565 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067585.D

Acq: 10 Nov 2020 16:28

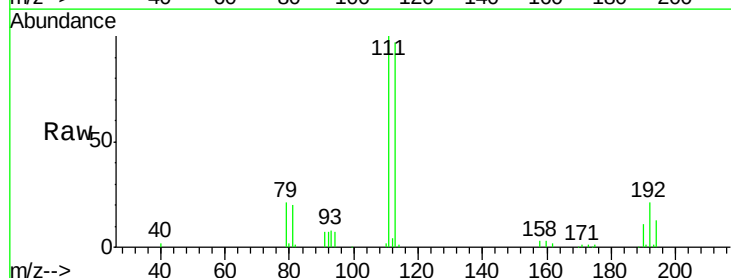
Tgt Ion:113 Resp: 139164

Ion Ratio Lower Upper

113 100

111 102.6 80.0 120.0

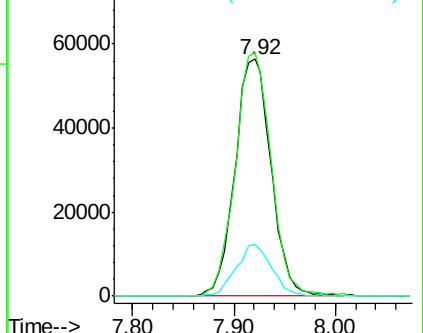
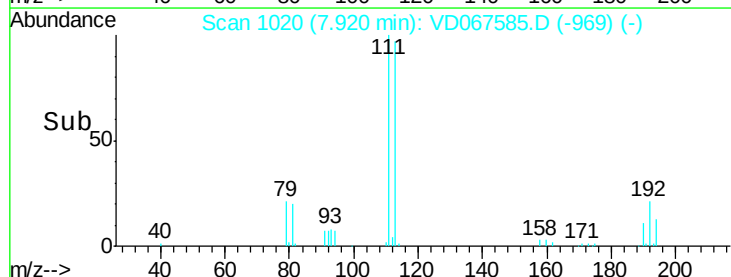
192 21.2 16.3 24.5

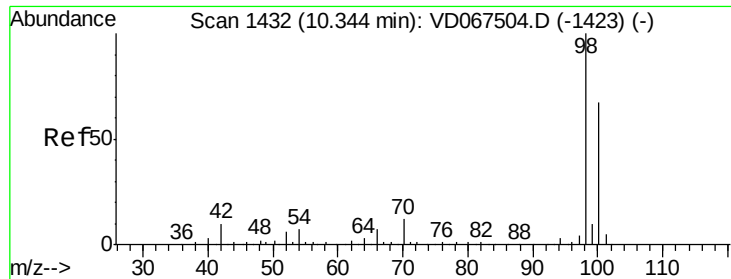


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.221 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067585.D

Acq: 10 Nov 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

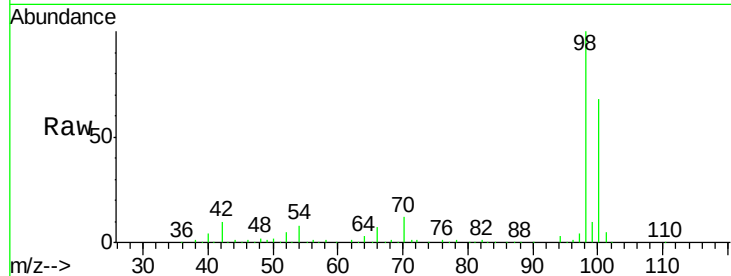
R-LA-38-2-WC

Tot Ion: 98 Resp: 477224

Ion Ratio Lower Upper

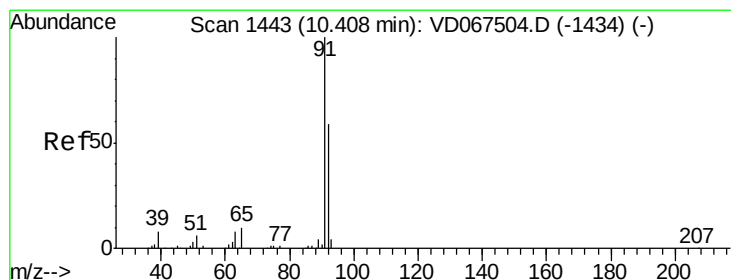
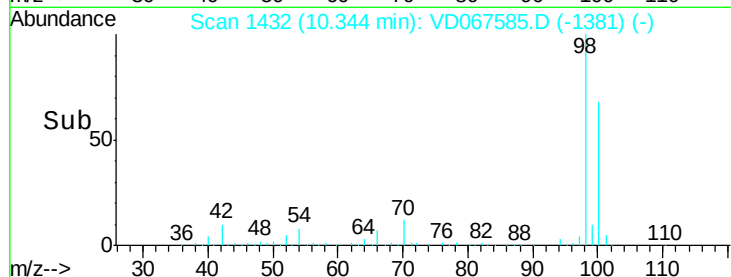
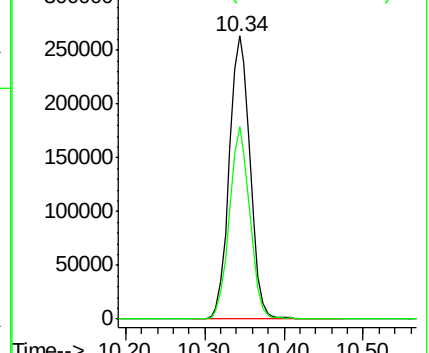
98 100

100 66.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#52

Toluene

Concen: 2.832 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD067585.D

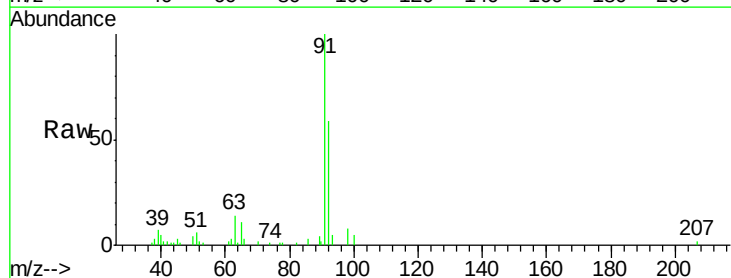
Acq: 10 Nov 2020 16:28

Tgt Ion: 92 Resp: 18281

Ion Ratio Lower Upper

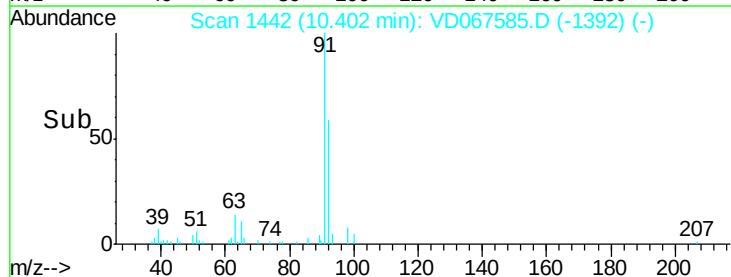
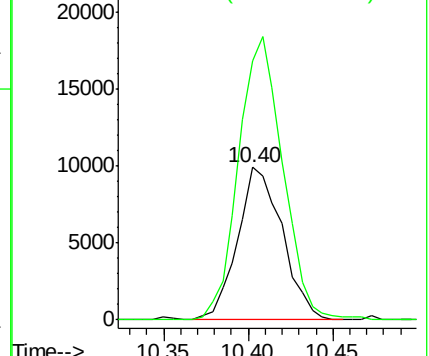
92 100

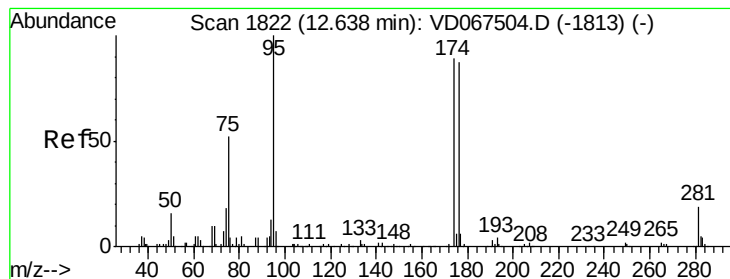
91 183.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 61.569 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067585.D

Acq: 10 Nov 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

R-LA-38-2-WC

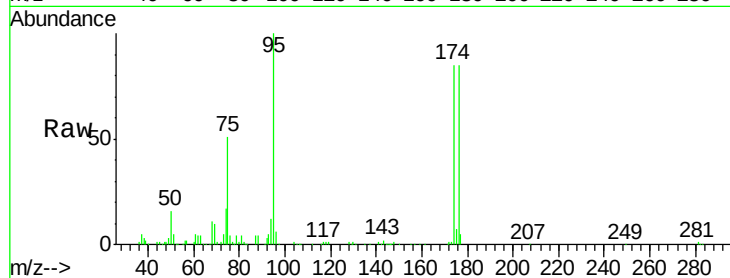
Tot Ion: 95 Resp: 187089

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.8

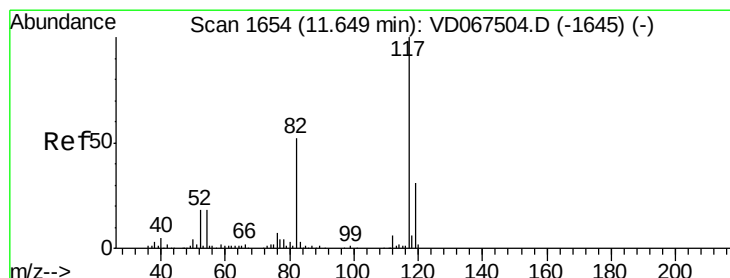
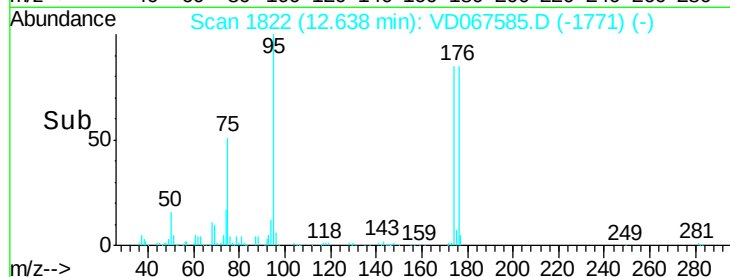
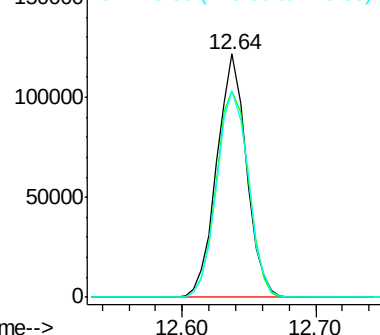
176 90.3 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067585.D

Acq: 10 Nov 2020 16:28

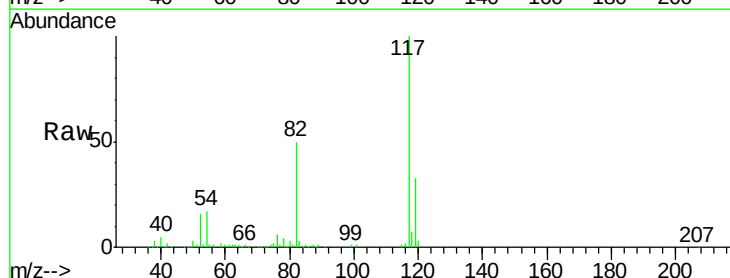
Tgt Ion: 117 Resp: 416294

Ion Ratio Lower Upper

117 100

82 50.1 41.6 62.4

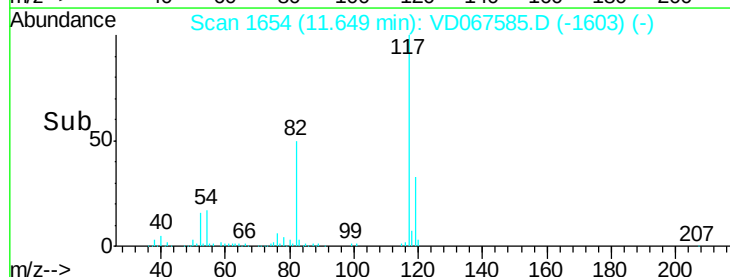
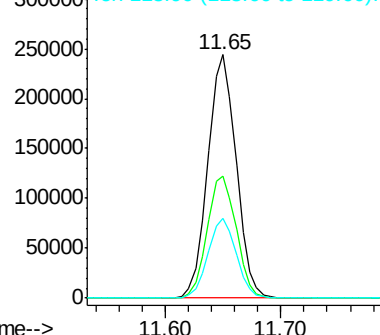
119 32.6 25.1 37.7

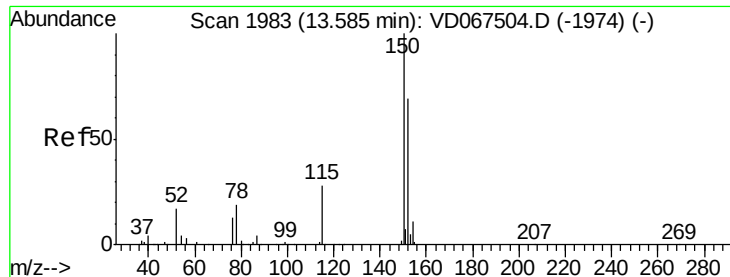


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067585.D

Acq: 10 Nov 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

R-LA-38-2-WC

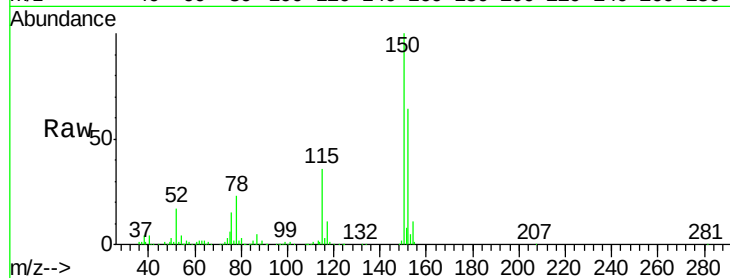
Tot Ion:152 Resp: 224969

Ion Ratio Lower Upper

152 100

115 58.2 29.3 88.0

150 155.0 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

