

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067564.D
 Acq On : 09 Nov 2020 14:29
 Operator : VA/SY
 Sample : L4589-01
 Misc : 5.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-110620

Quant Time: Nov 10 00:54:03 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	299357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	483364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	515391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	148379	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
35) Dibromofluoromethane	7.92	113	152120	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.34	98	582222	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	
62) 4-Bromofluorobenzene	12.64	95	238021	67.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.72%	

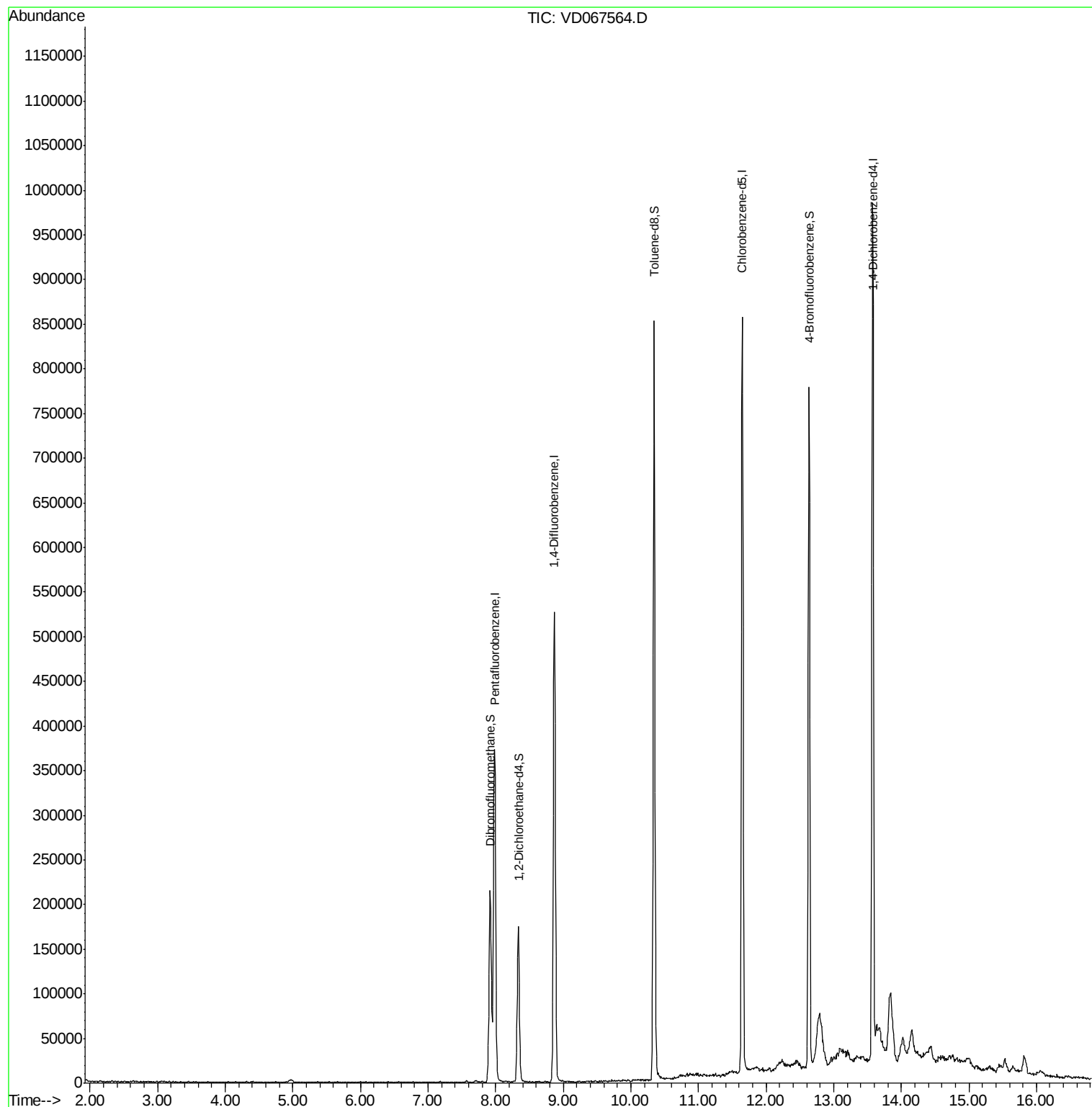
Target Compounds	Qvalue

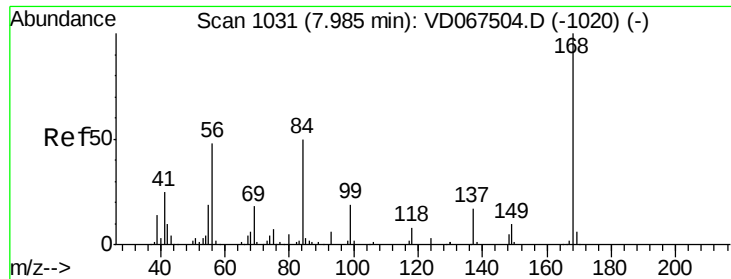
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

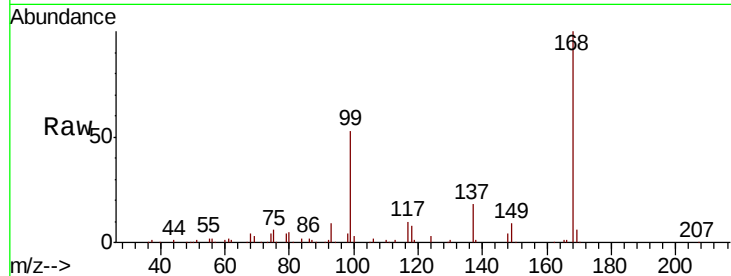
CL-02-110620

Tot Ion:168 Resp: 299357

Ion Ratio Lower Upper

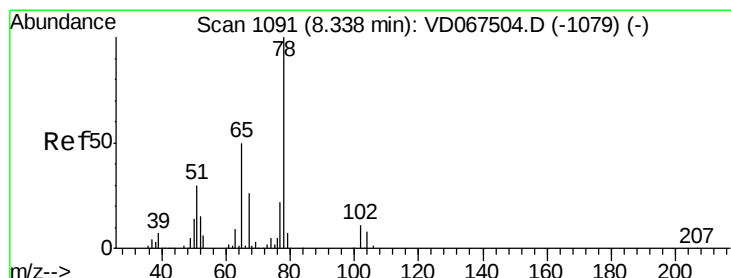
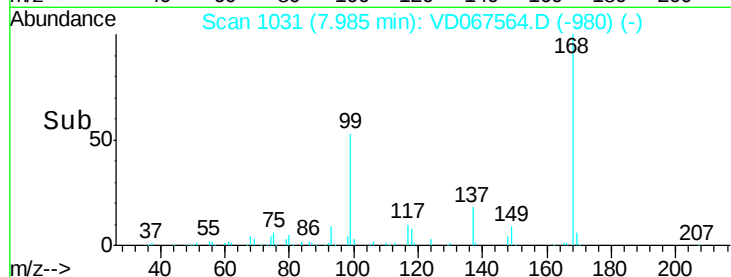
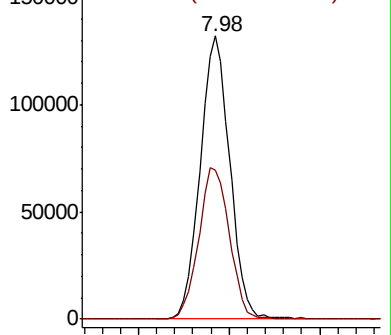
168 100

99 52.8 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: 56.686 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067564.D

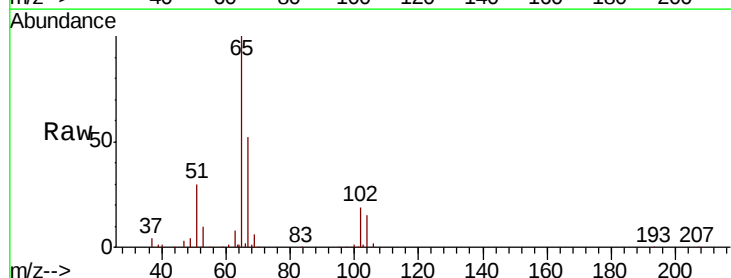
Acq: 09 Nov 2020 14:29

Tgt Ion: 65 Resp: 148379

Ion Ratio Lower Upper

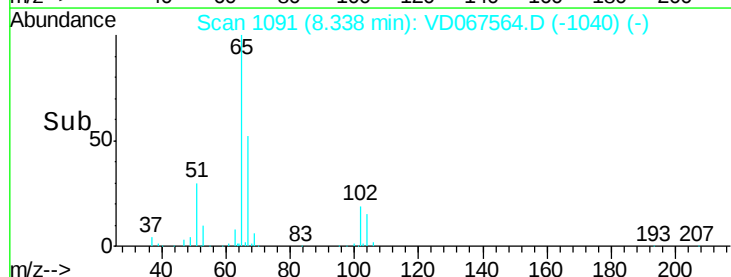
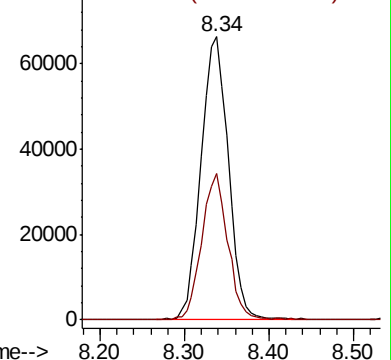
65 100

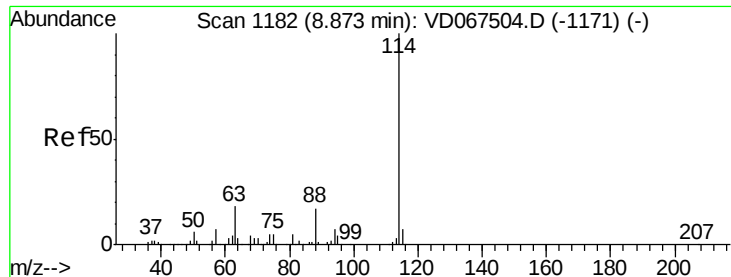
67 49.0 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

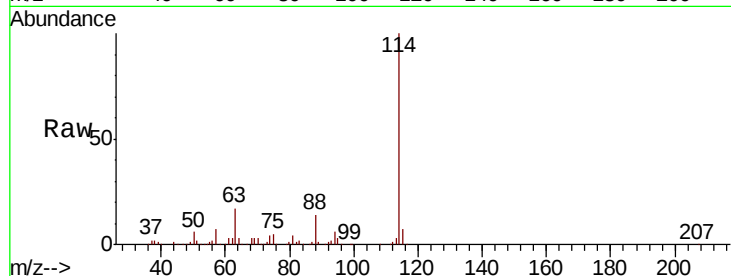




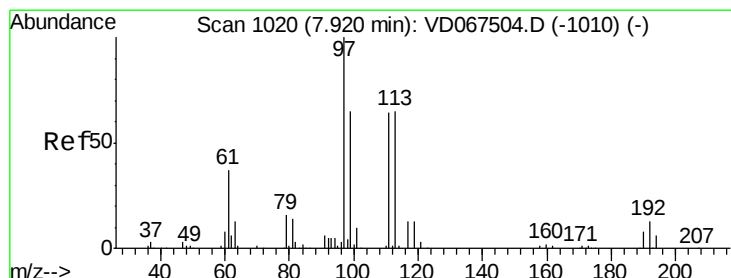
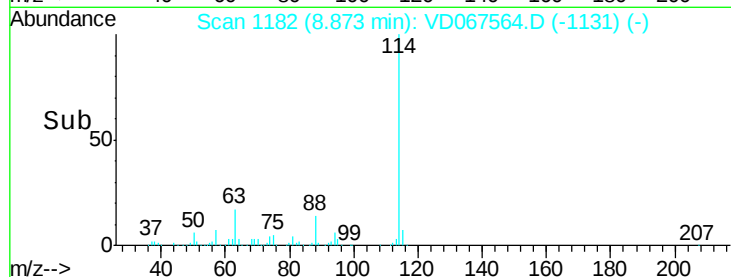
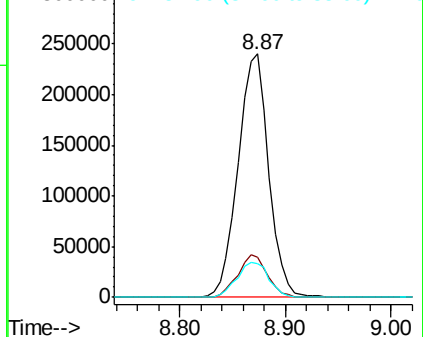
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VD067564.D
Acq: 09 Nov 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :
CL-02-110620

Tot Ion:114 Resp: 483364
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 13.6 0.0 33.0

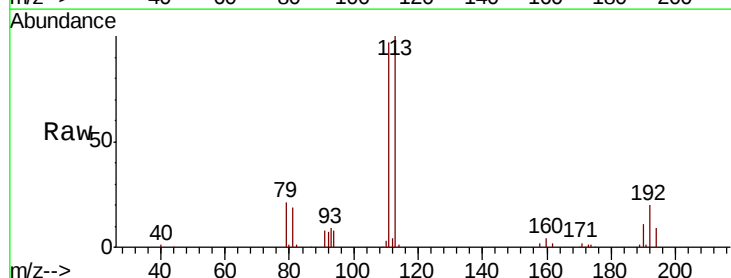


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

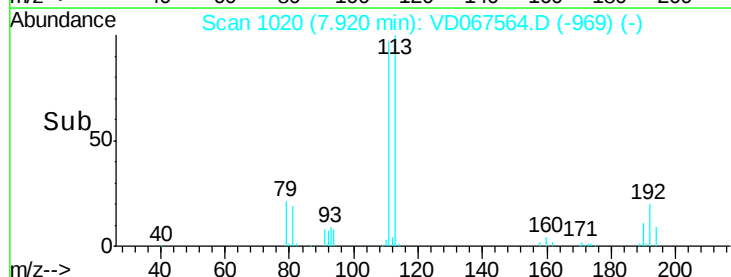
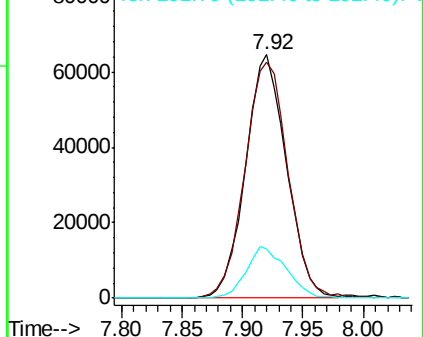


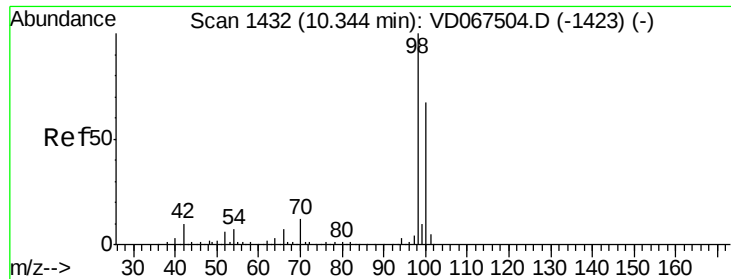
#35
Dibromofluoromethane
Concen: 52.234 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067564.D
Acq: 09 Nov 2020 14:29

Tgt Ion:113 Resp: 152120
Ion Ratio Lower Upper
113 100
111 102.2 80.0 120.0
192 20.8 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: 56.889 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

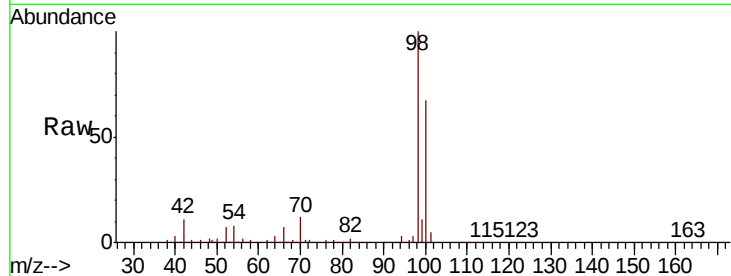
CL-02-110620

Tot Ion: 98 Resp: 582222

Ion Ratio Lower Upper

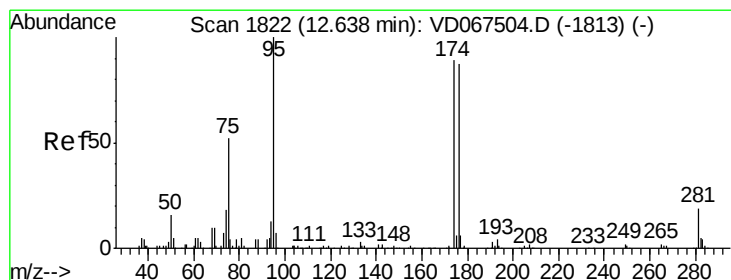
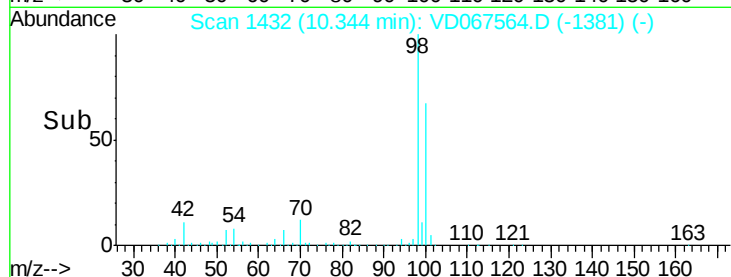
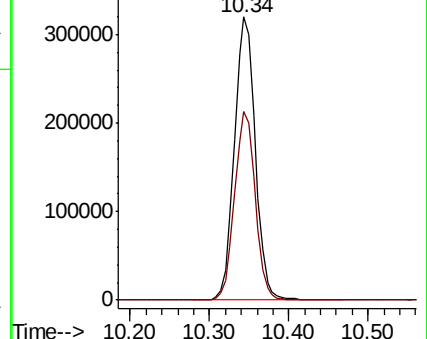
98 100

100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 67.364 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

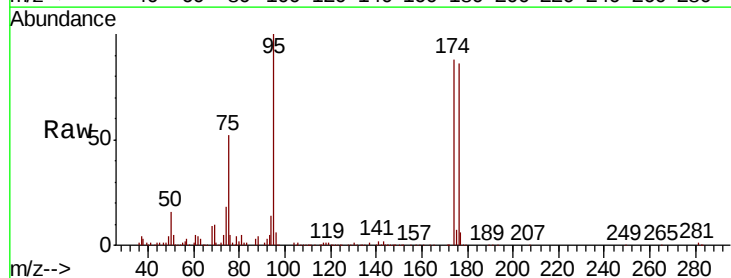
Tgt Ion: 95 Resp: 238021

Ion Ratio Lower Upper

95 100

174 88.5 0.0 177.8

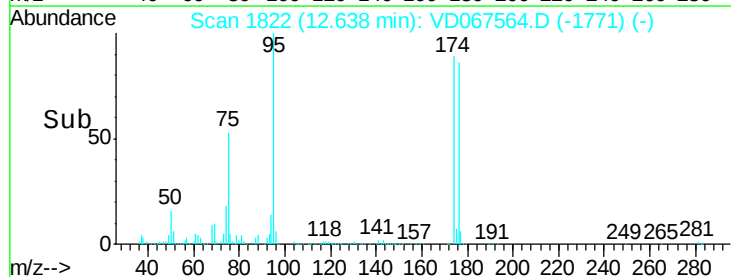
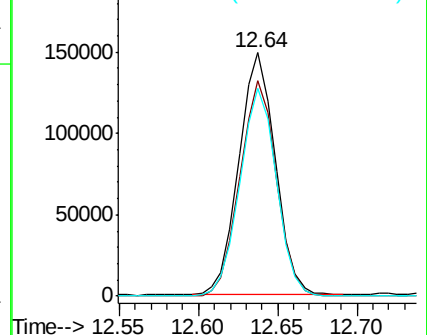
176 85.7 0.0 172.0

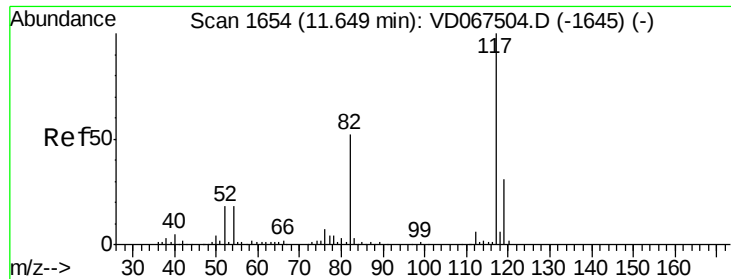


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

CL-02-110620

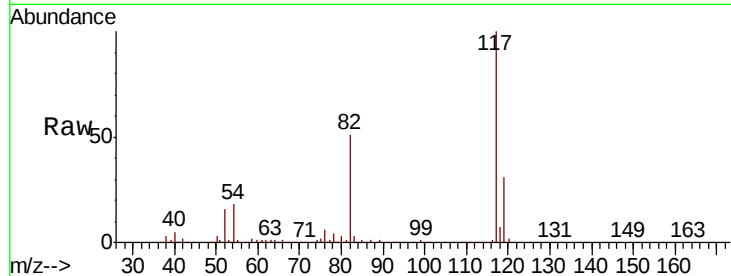
Tot Ion:117 Resp: 515391

Ion Ratio Lower Upper

117 100

82 50.8 41.6 62.4

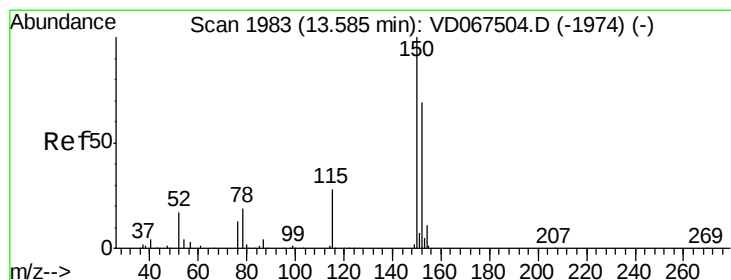
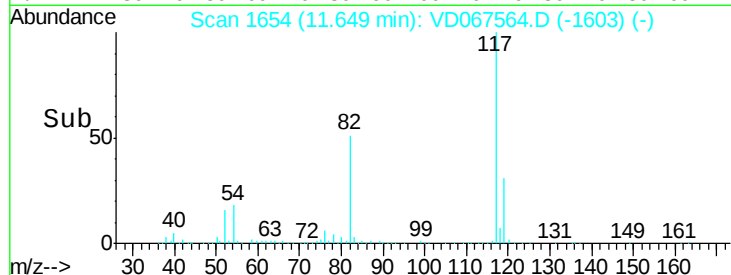
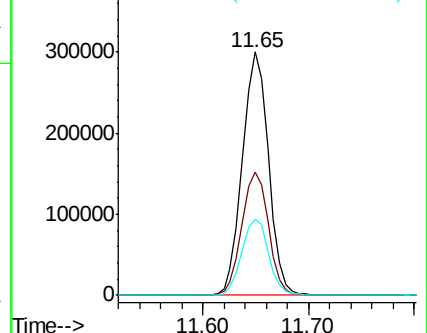
119 31.4 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VD067564.D

Acq: 09 Nov 2020 14:29

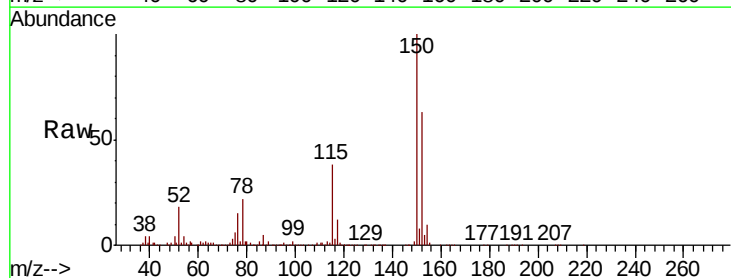
Tgt Ion:152 Resp: 270887

Ion Ratio Lower Upper

152 100

115 60.2 29.3 88.0

150 156.9 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

