

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067637.D
 Acq On : 16 Nov 2020 13:34
 Operator : VA/SY
 Sample : L4745-01
 Misc : 5.04G/5.01ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CV-OS

Quant Time: Nov 17 01:28:53 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	280312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	432581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	440845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222756	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	121349	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.92	113	129047	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.34	98	499625	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
62) 4-Bromofluorobenzene	12.64	95	196073	62.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.02%	

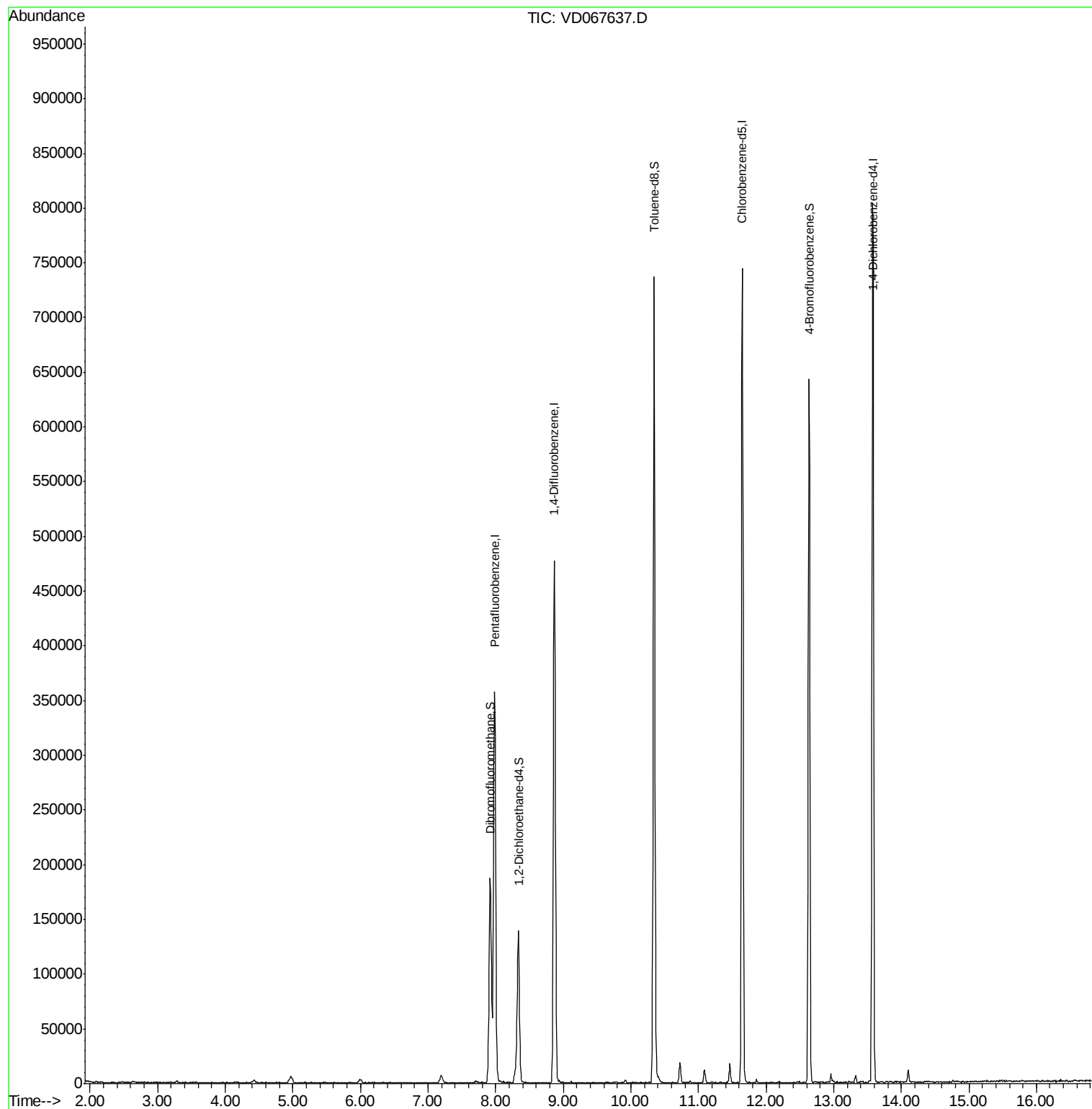
Target Compounds	Qvalue

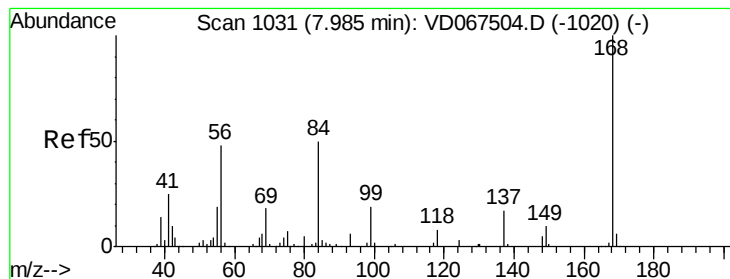
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067637.D

Acq: 16 Nov 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

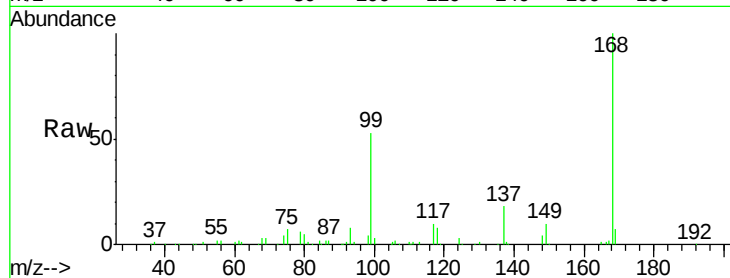
CV-OS

Tot Ion:168 Resp: 280312

Ion Ratio Lower Upper

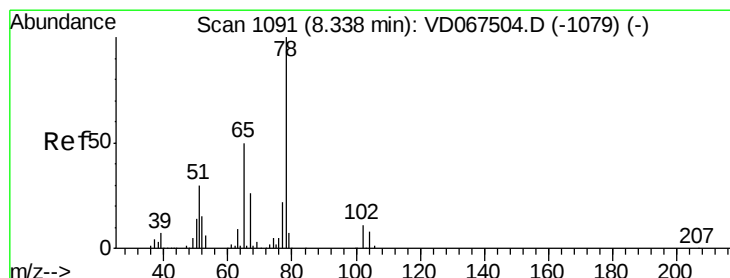
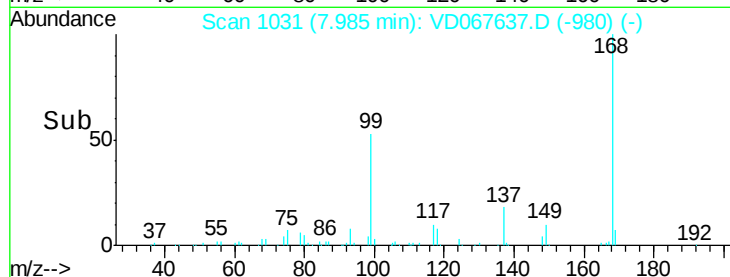
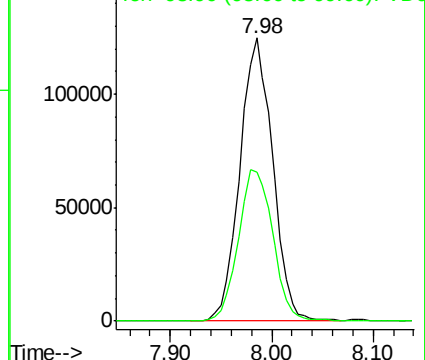
168 100

99 52.6 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: 49.510 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067637.D

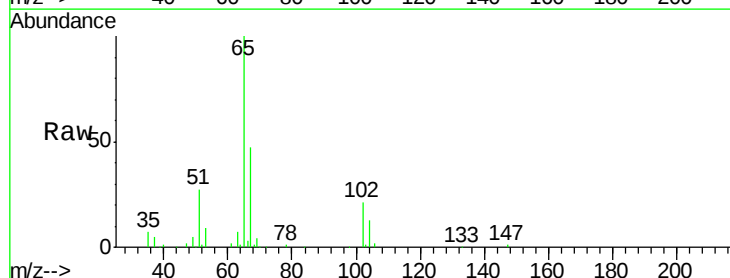
Acq: 16 Nov 2020 13:34

Tgt Ion: 65 Resp: 121349

Ion Ratio Lower Upper

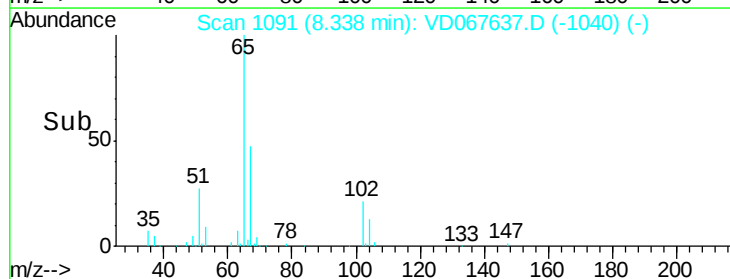
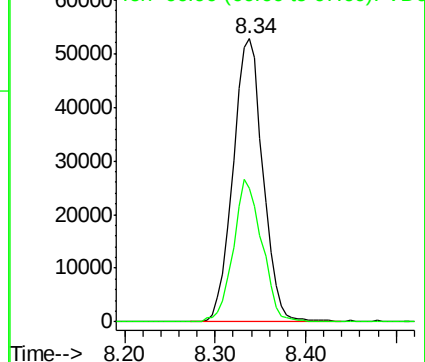
65 100

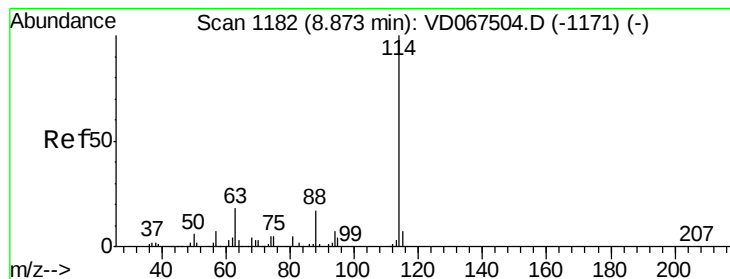
67 48.2 0.0 99.4



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: VD067637.D

Acq: 16 Nov 2020 13:34

Instrument :

MSVOA_D

ClientSampled :

CV-OS

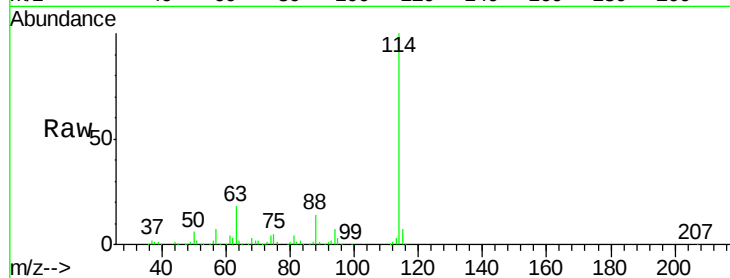
Tot Ion:114 Resp: 432581

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

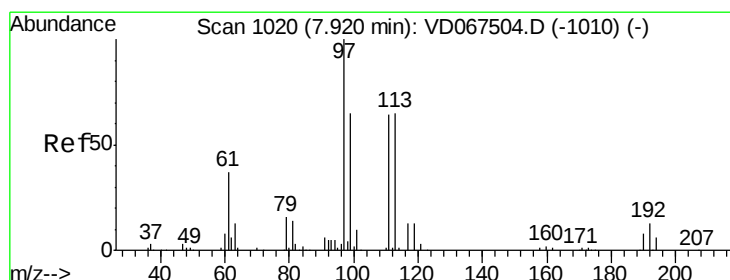
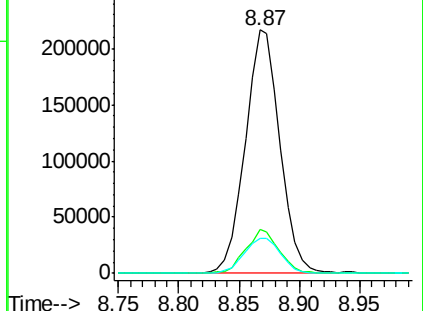
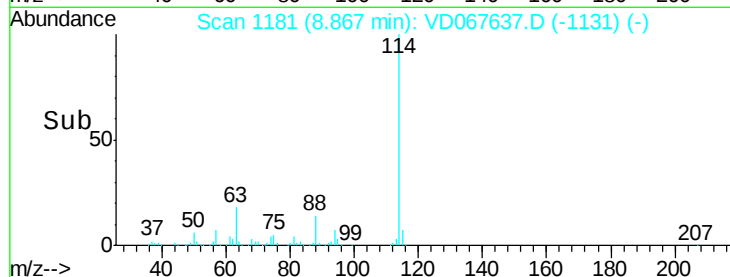
88 14.2 0.0 33.0



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: 49.514 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067637.D

Acq: 16 Nov 2020 13:34

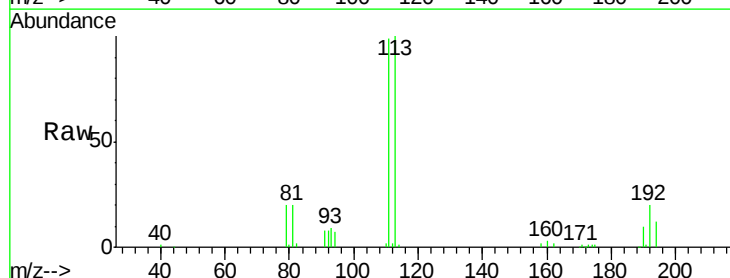
Tgt Ion:113 Resp: 129047

Ion Ratio Lower Upper

113 100

111 105.7 80.0 120.0

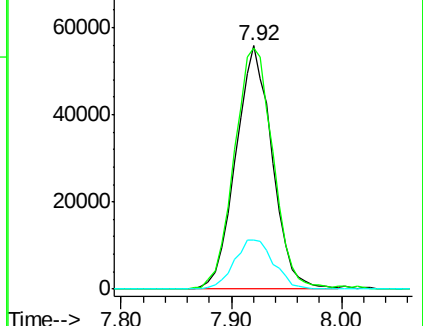
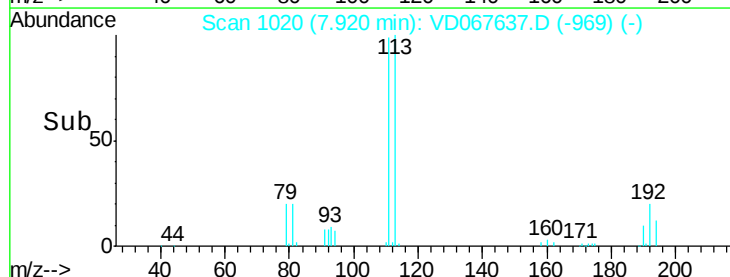
192 22.0 16.3 24.5

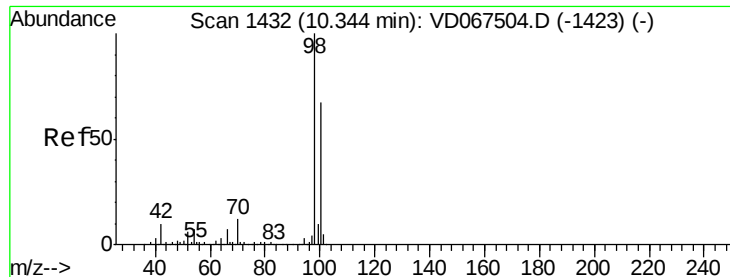


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.549 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067637.D

Acq: 16 Nov 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

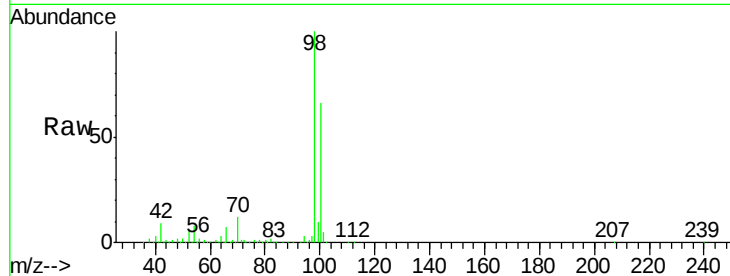
CV-OS

Tot Ion: 98 Resp: 499625

Ion Ratio Lower Upper

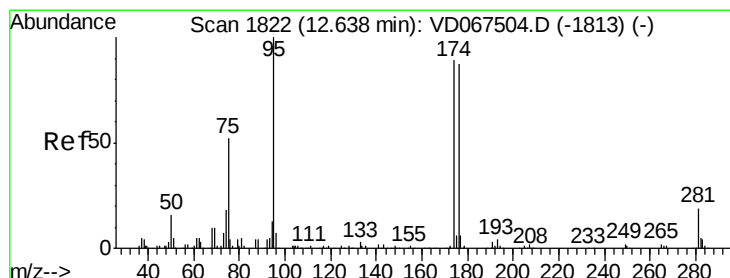
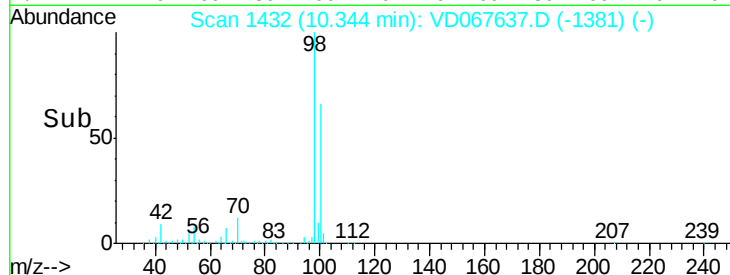
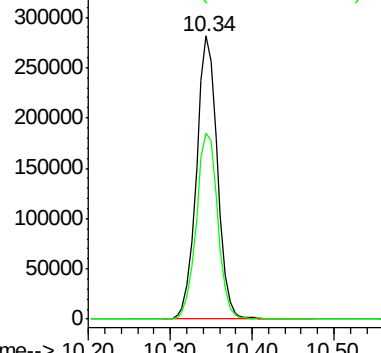
98 100

100 67.5 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: 62.006 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067637.D

Acq: 16 Nov 2020 13:34

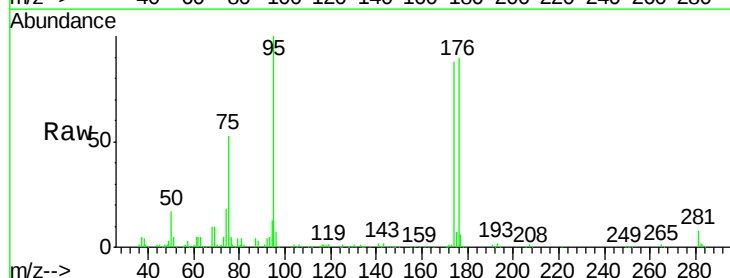
Tgt Ion: 95 Resp: 196073

Ion Ratio Lower Upper

95 100

174 90.4 0.0 177.8

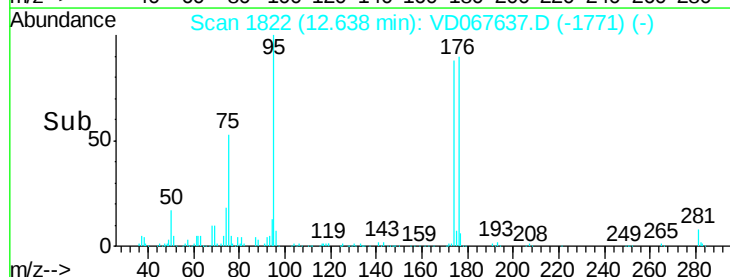
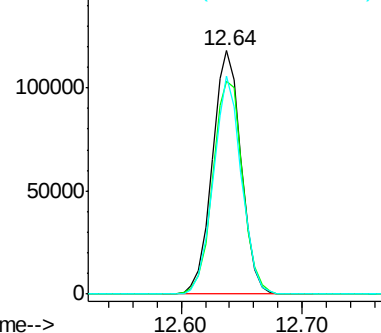
176 87.0 0.0 172.0

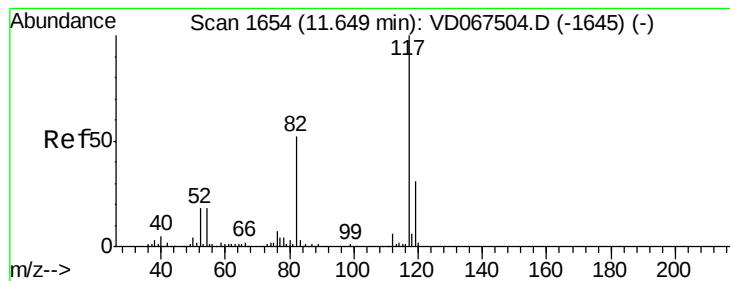


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: VD067637.D

Acq: 16 Nov 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

CV-OS

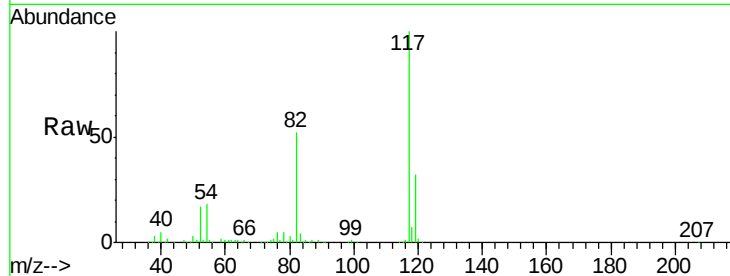
Tot Ion:117 Resp: 440845

Ion Ratio Lower Upper

117 100

82 51.5 41.6 62.4

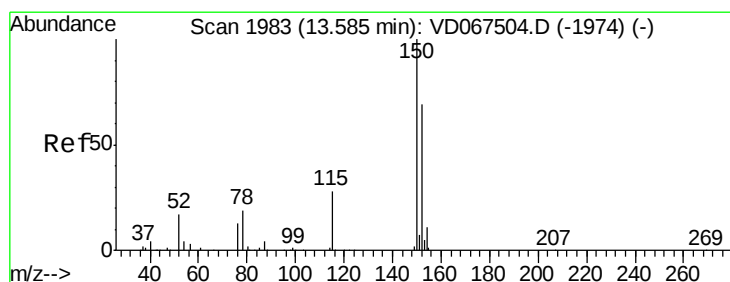
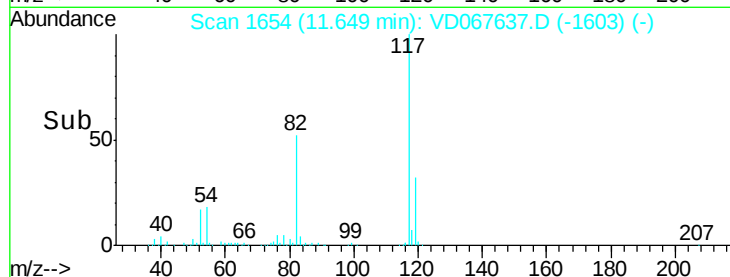
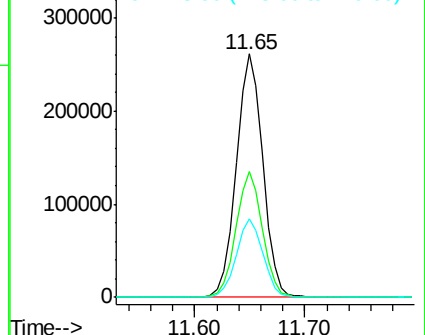
119 32.2 25.1 37.7



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: VD067637.D

Acq: 16 Nov 2020 13:34

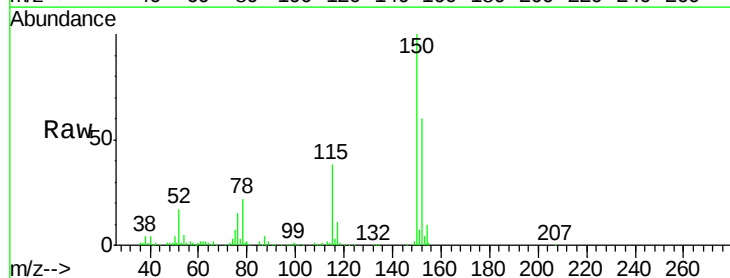
Tgt Ion:152 Resp: 222756

Ion Ratio Lower Upper

152 100

115 60.2 29.3 88.0

150 160.6 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

