

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067343.D
 Acq On : 21 Oct 2020 13:09
 Operator : VA/SY
 Sample : L4467-05
 Misc : 8.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 357

Quant Time: Oct 22 00:41:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	251976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	427792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	418588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	199059	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	157144	62.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.50%	
35) Dibromofluoromethane	7.92	113	146942	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.34	98	511480	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.64	95	181480	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

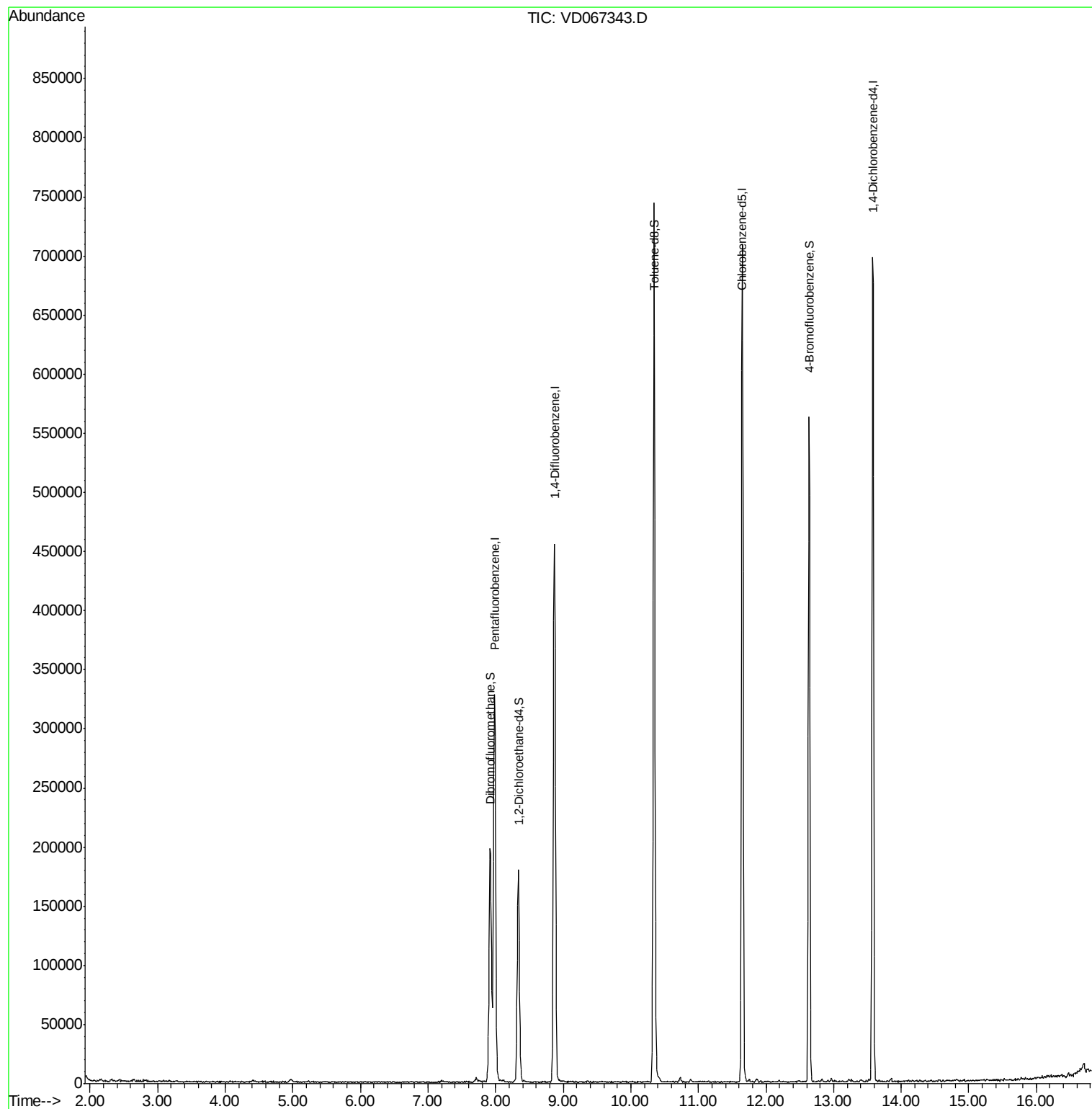
Target Compounds	Qvalue

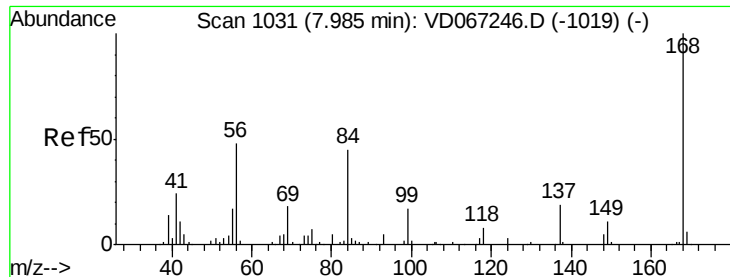
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067343.D

Acq: 21 Oct 2020 13:09

Instrument :

MSVOA_D

ClientSampled :

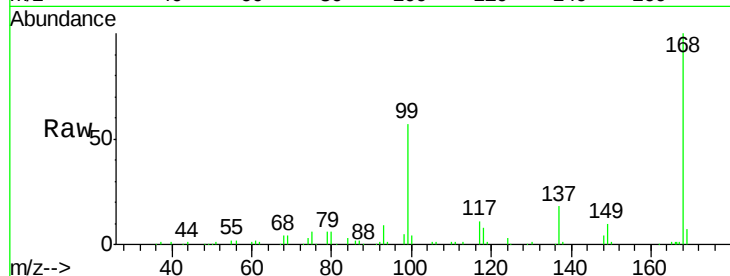
357

Tot Ion:168 Resp: 251976

Ion Ratio Lower Upper

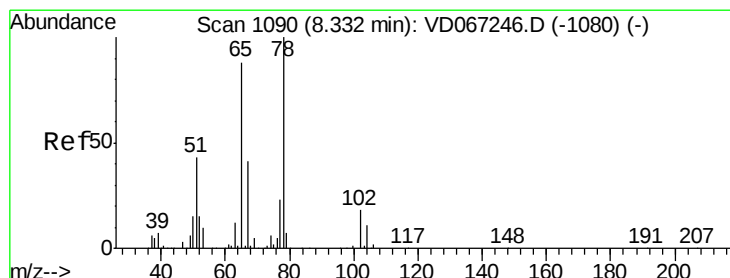
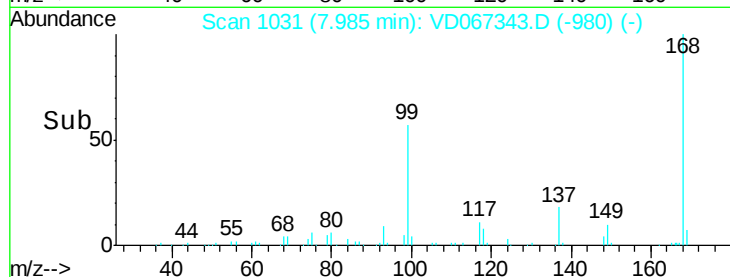
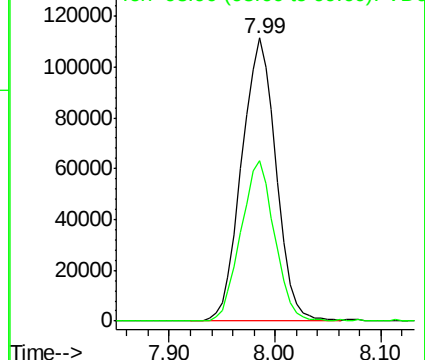
168 100

99 56.6 45.9 68.9



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: 62.249 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067343.D

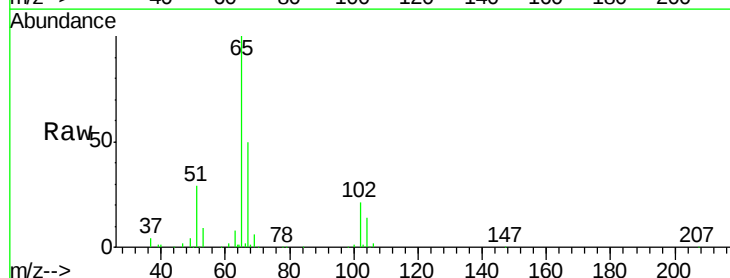
Acq: 21 Oct 2020 13:09

Tgt Ion: 65 Resp: 157144

Ion Ratio Lower Upper

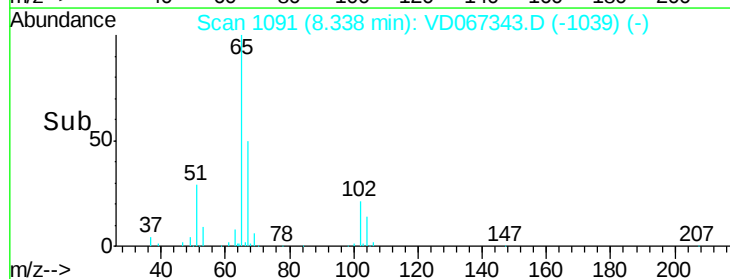
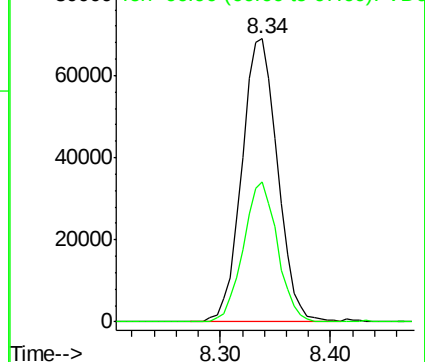
65 100

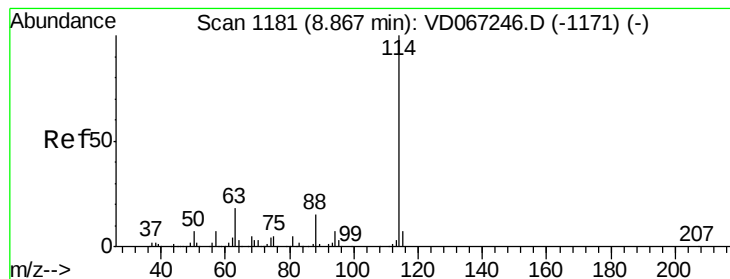
67 47.2 0.0 103.8



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. 0.01 min

Lab File: VD067343.D

Acq: 21 Oct 2020 13:09

Instrument :

MSVOA_D

ClientSampled :

357

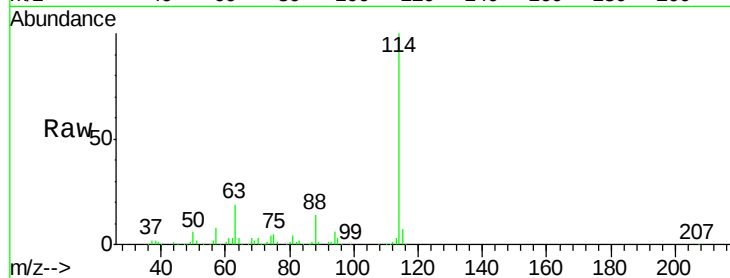
Tot Ion:114 Resp: 427792

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

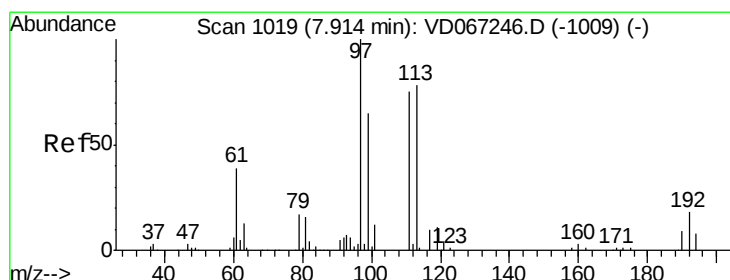
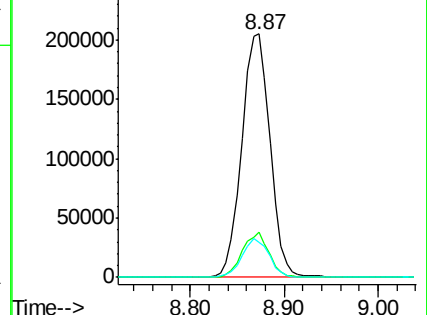
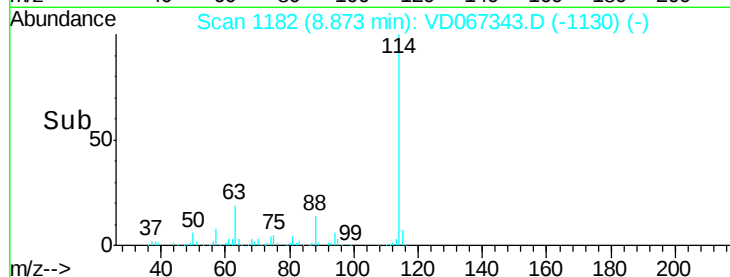
88 14.4 0.0 30.6



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: 51.614 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067343.D

Acq: 21 Oct 2020 13:09

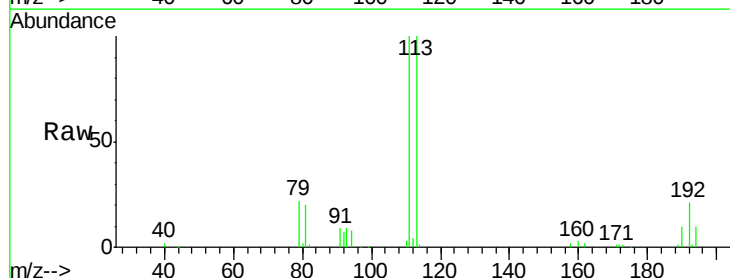
Tgt Ion:113 Resp: 146942

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

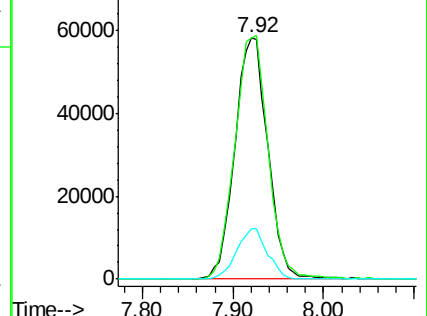
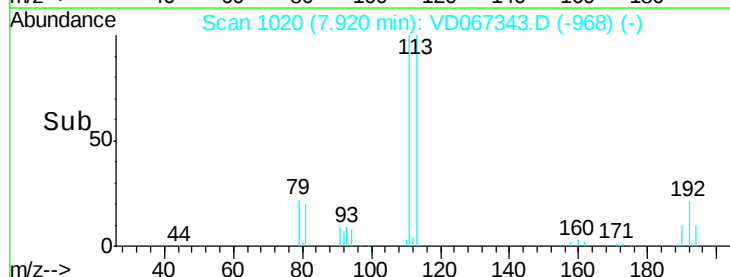
192 19.4 17.0 25.4

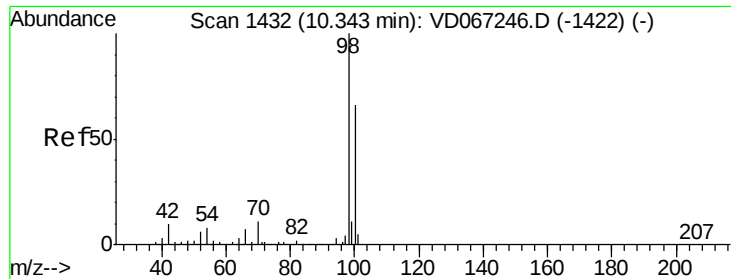


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

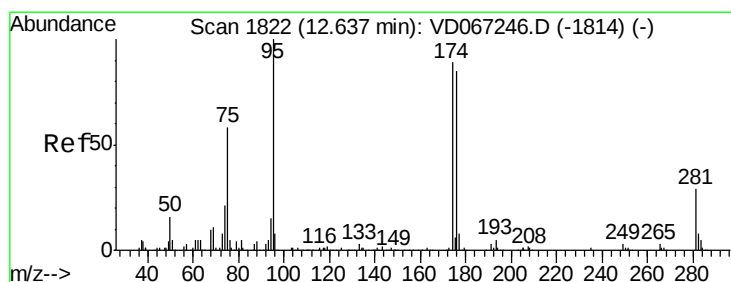
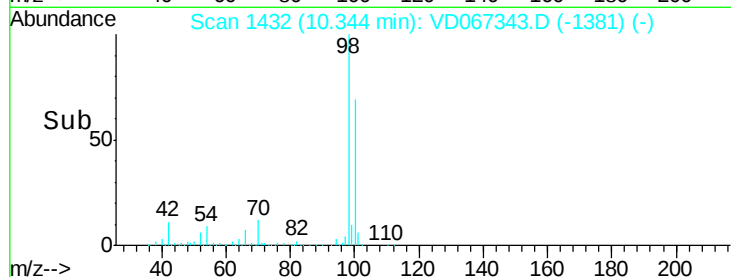
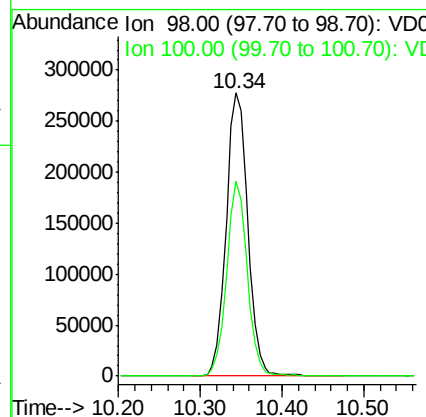
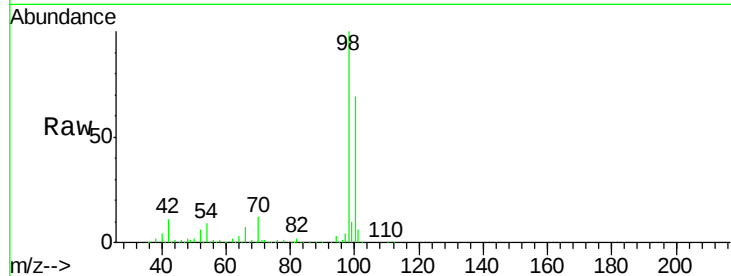




#50
Toluene-d8
Concen: 49.644 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067343.D
Acq: 21 Oct 2020 13:09

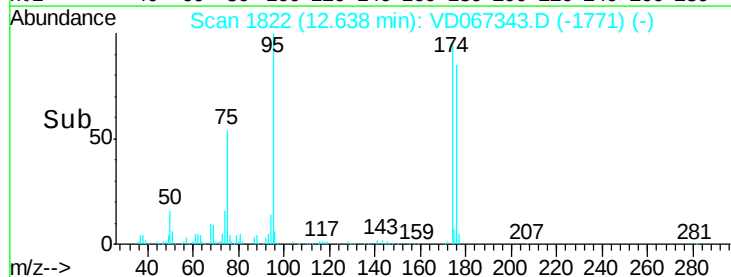
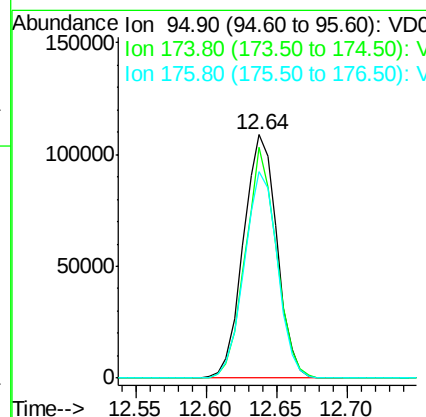
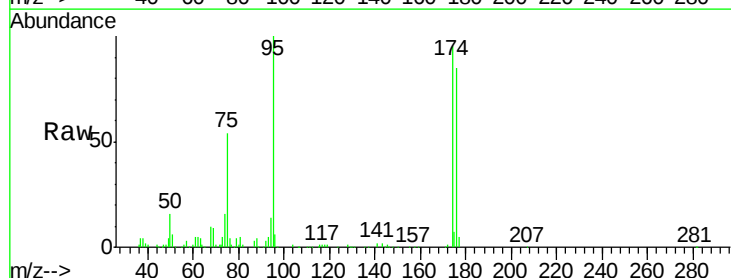
Instrument :
MSVOA_D
ClientSampleId :
357

Tot Ion: 98 Resp: 511480
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.657 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067343.D
Acq: 21 Oct 2020 13:09

Tgt Ion: 95 Resp: 181480
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.2
176 83.9 0.0 168.6

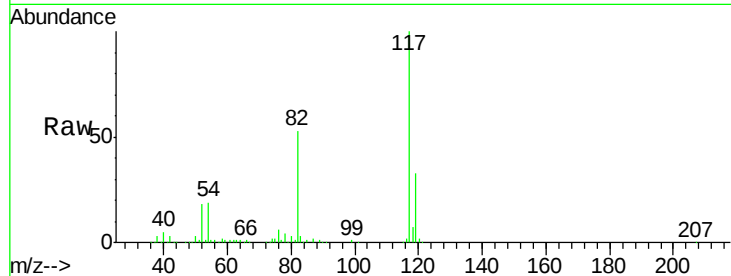




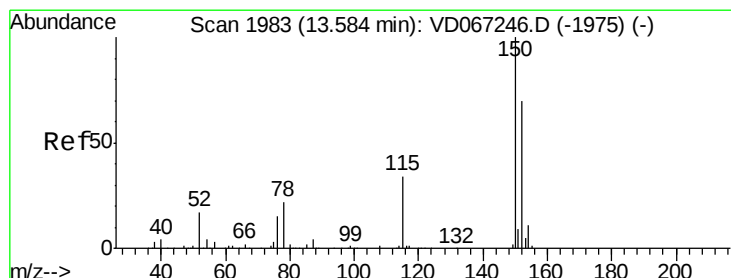
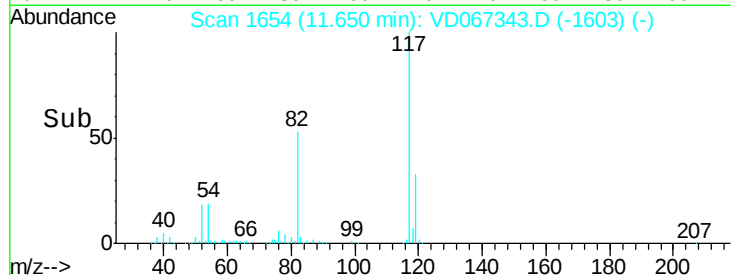
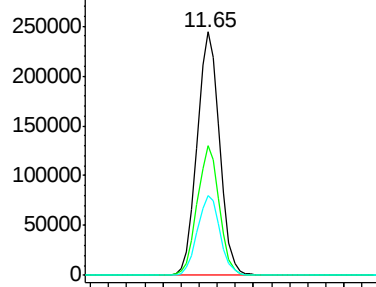
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067343.D
Acq: 21 Oct 2020 13:09

Instrument :
MSVOA_D
ClientSampleId :
357

Tot Ion:117 Resp: 418588
Ion Ratio Lower Upper
117 100
82 53.1 39.9 59.9
119 32.6 24.9 37.3

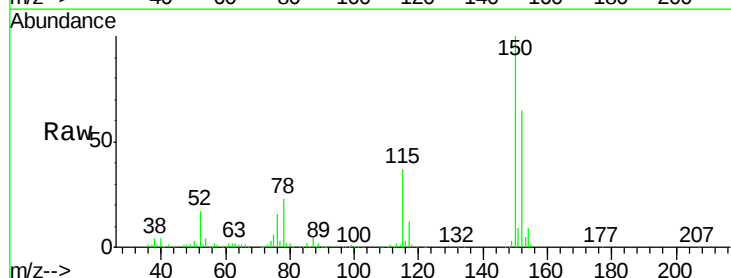


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067343.D
Acq: 21 Oct 2020 13:09

Tgt Ion:152 Resp: 199059
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 157.1 0.0 339.0



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

