

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067317.D
 Acq On : 20 Oct 2020 12:06
 Operator : VA/SY
 Sample : L4222-01
 Misc : 6.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-101920

Quant Time: Oct 21 02:08:53 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	319916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	534165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	480703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	173373	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
35) Dibromofluoromethane	7.92	113	175118	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.34	98	554713	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.64	95	237671	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

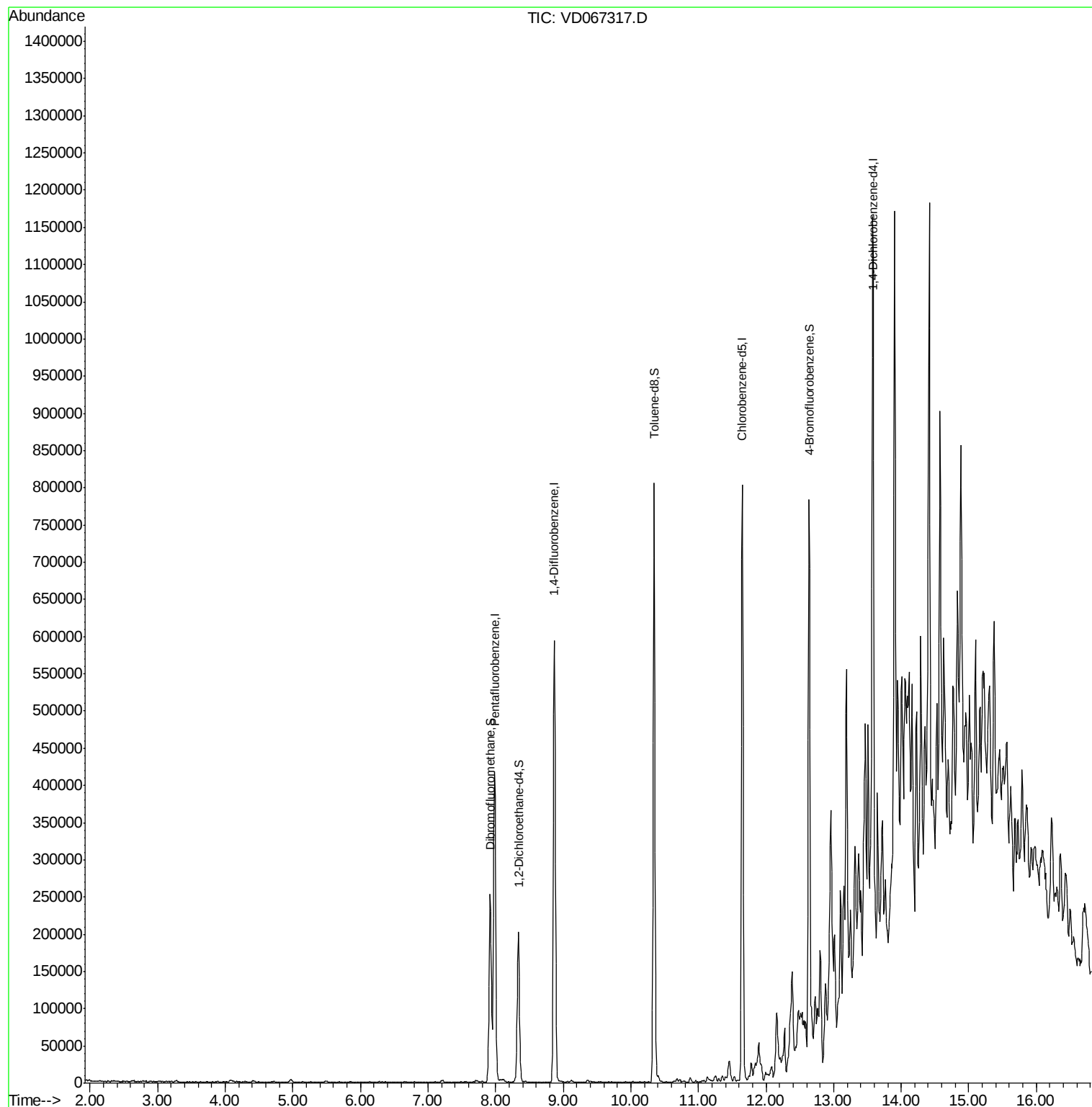
Target Compounds	Qvalue

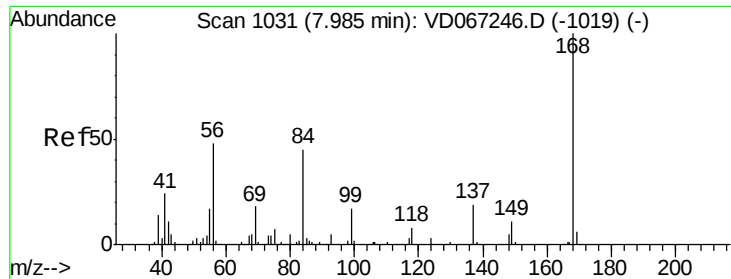
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067317.D

Acq: 20 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

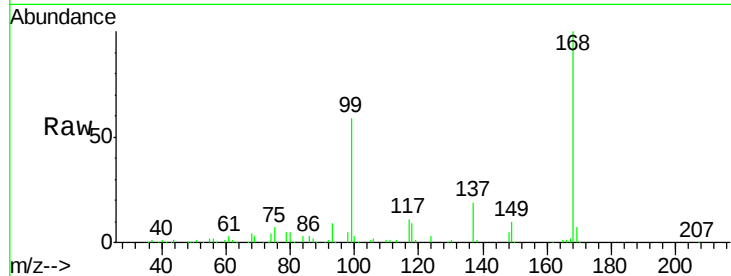
EO-03-101920

Tot Ion:168 Resp: 319916

Ion Ratio Lower Upper

168 100

99 58.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

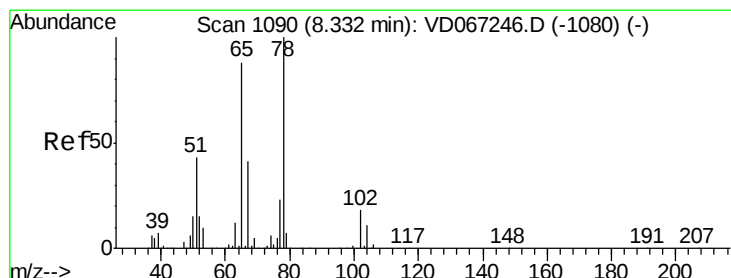
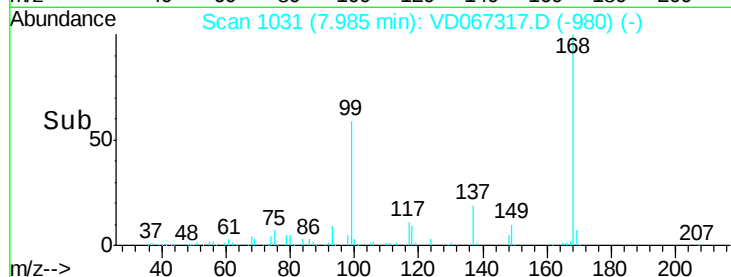
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.093 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067317.D

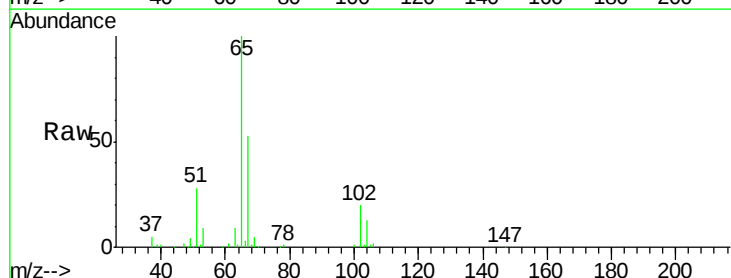
Acq: 20 Oct 2020 12:06

Tgt Ion: 65 Resp: 173373

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

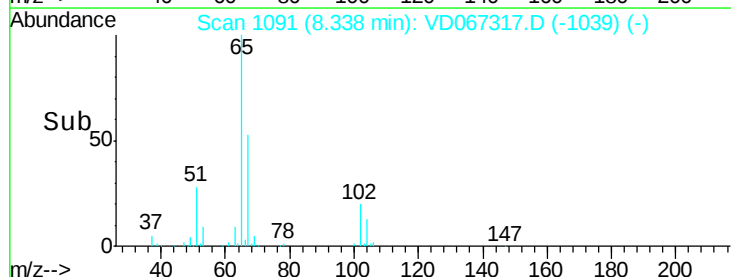
40000

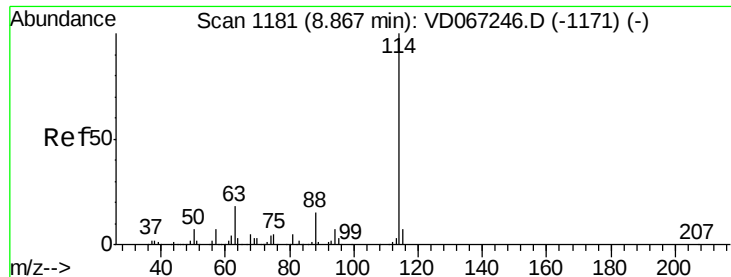
20000

0

8.25 8.30 8.35 8.40 8.45

Time-->

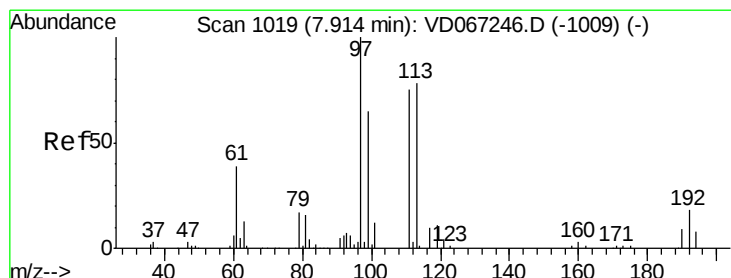
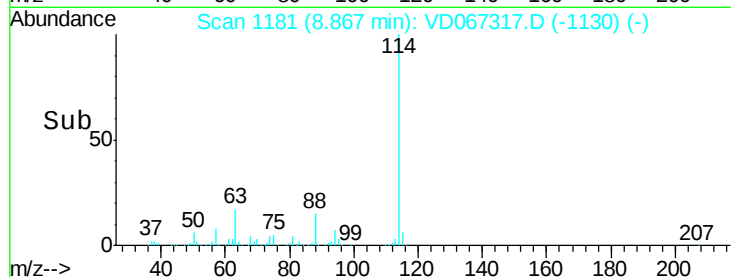
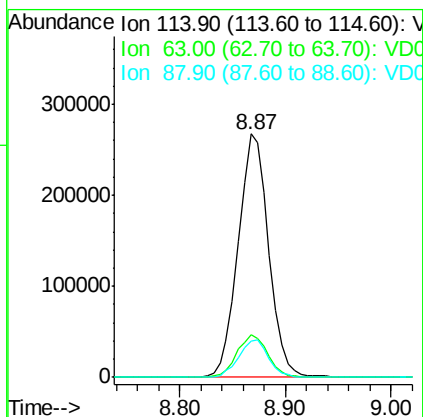
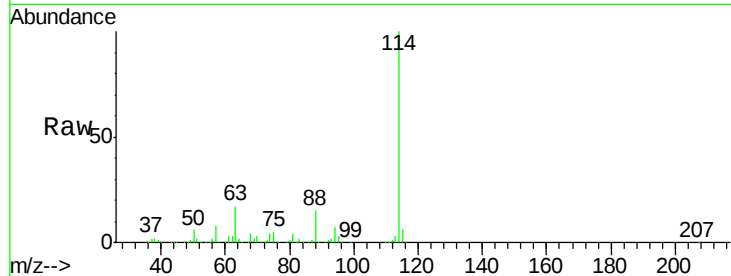




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067317.D
 Acq: 20 Oct 2020 12:06

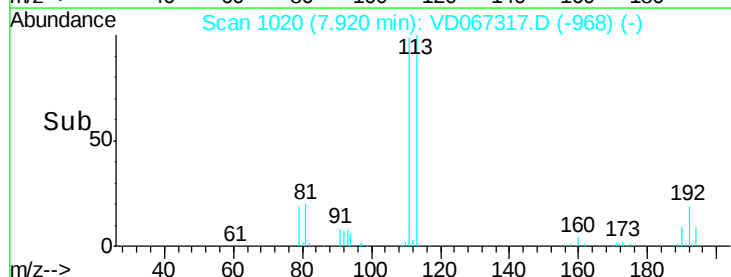
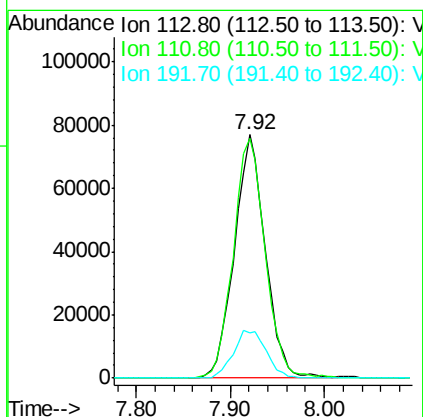
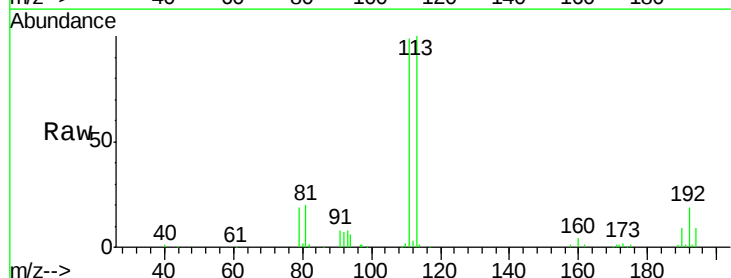
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-101920

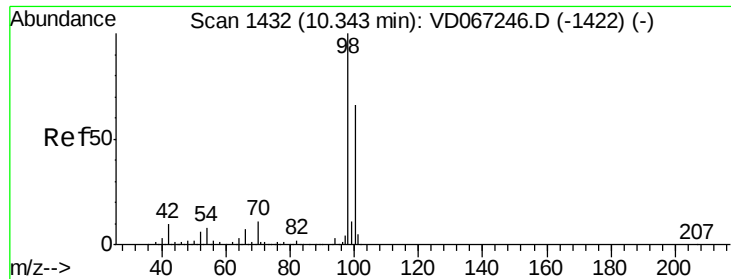
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.0
88	15.1	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 49.261 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067317.D
 Acq: 20 Oct 2020 12:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	20.6	17.0	25.4





#50

Toluene-d8

Concen: 43.119 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067317.D

Acq: 20 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

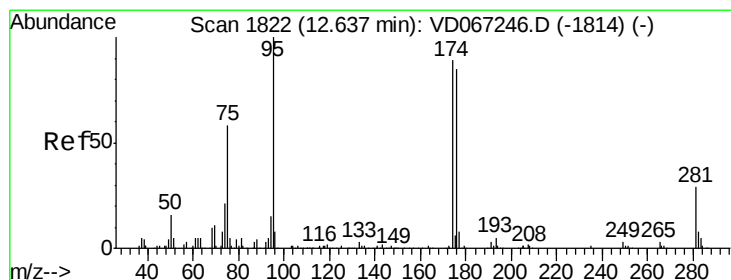
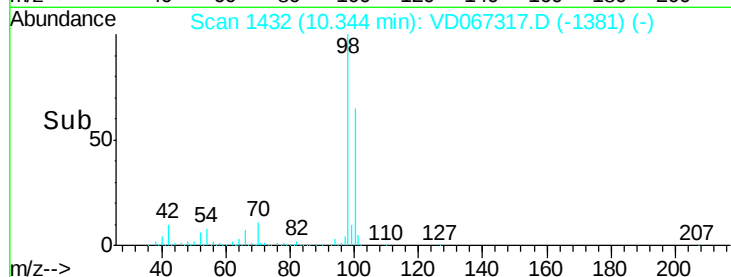
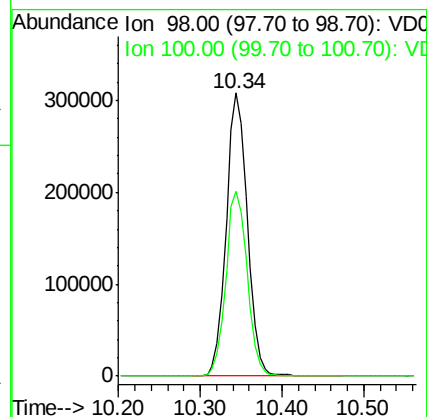
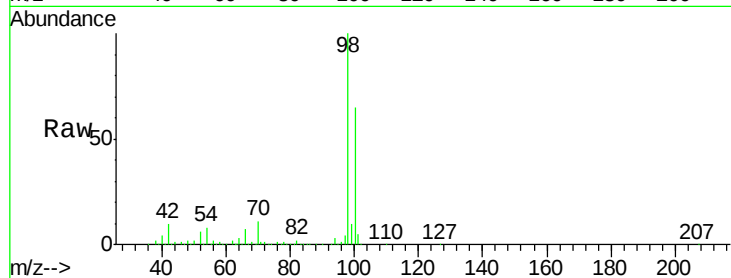
EO-03-101920

Tot Ion: 98 Resp: 554713

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.130 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067317.D

Acq: 20 Oct 2020 12:06

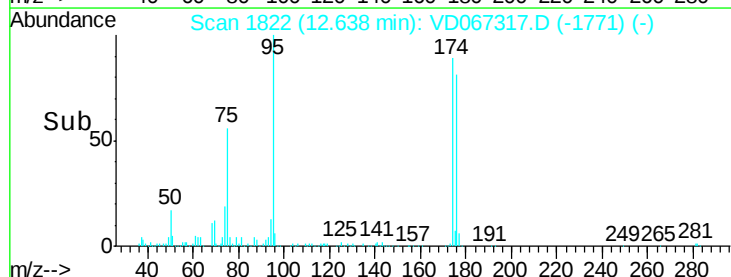
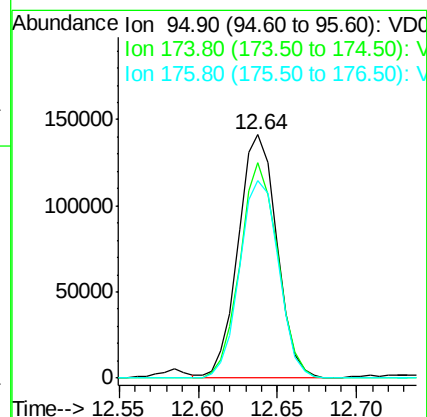
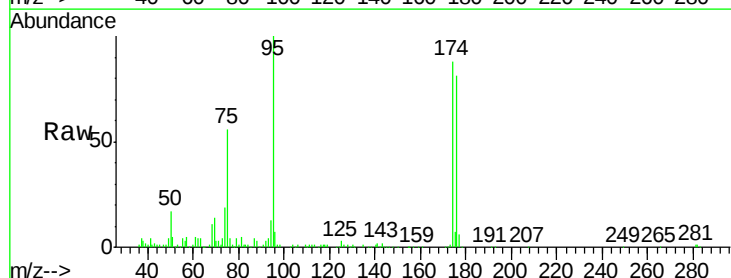
Tgt Ion: 95 Resp: 237671

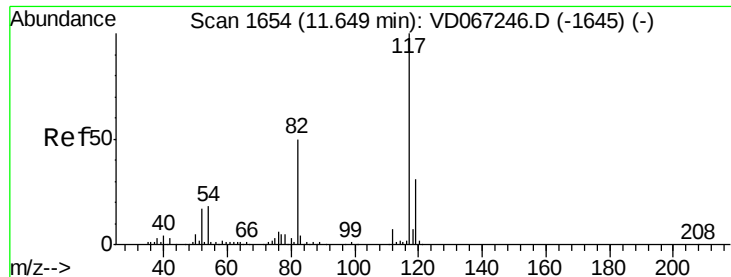
Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.2

176 82.3 0.0 168.6

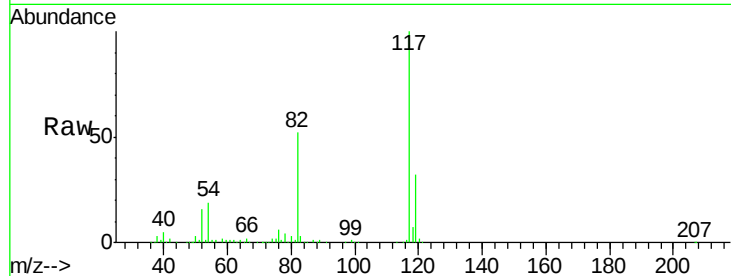




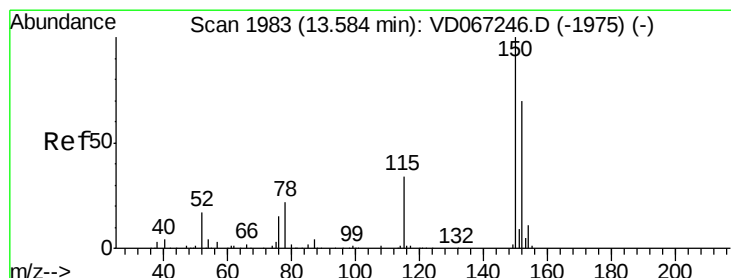
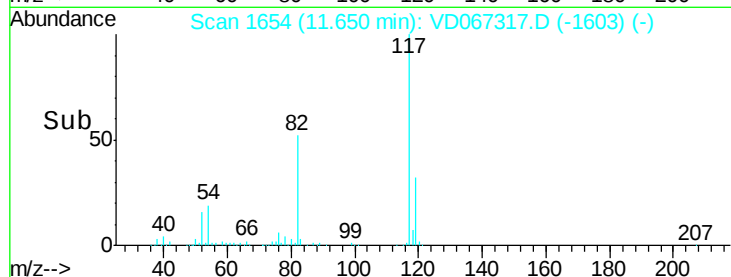
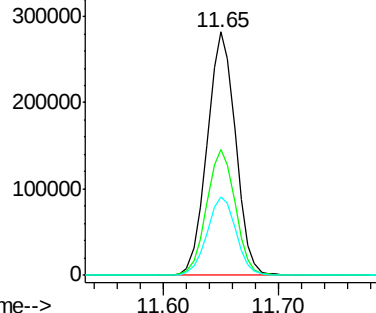
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067317.D
Acq: 20 Oct 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
EO-03-101920

Tot Ion:117 Resp: 480703
Ion Ratio Lower Upper
117 100
82 51.5 39.9 59.9
119 32.0 24.9 37.3

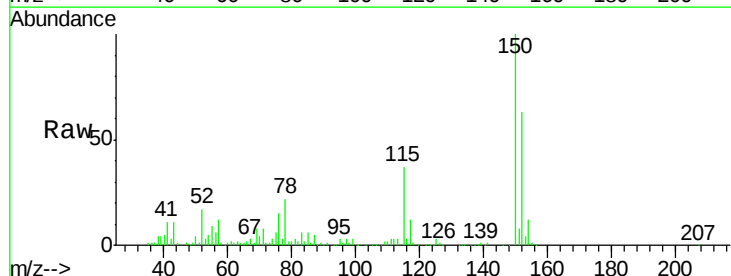


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067317.D
Acq: 20 Oct 2020 12:06

Tgt Ion:152 Resp: 249317
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.9
150 157.6 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

