

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067347.D
 Acq On : 21 Oct 2020 14:59
 Operator : VA/SY
 Sample : L4436-09
 Misc : 10.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 36B

Quant Time: Oct 22 00:55:59 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

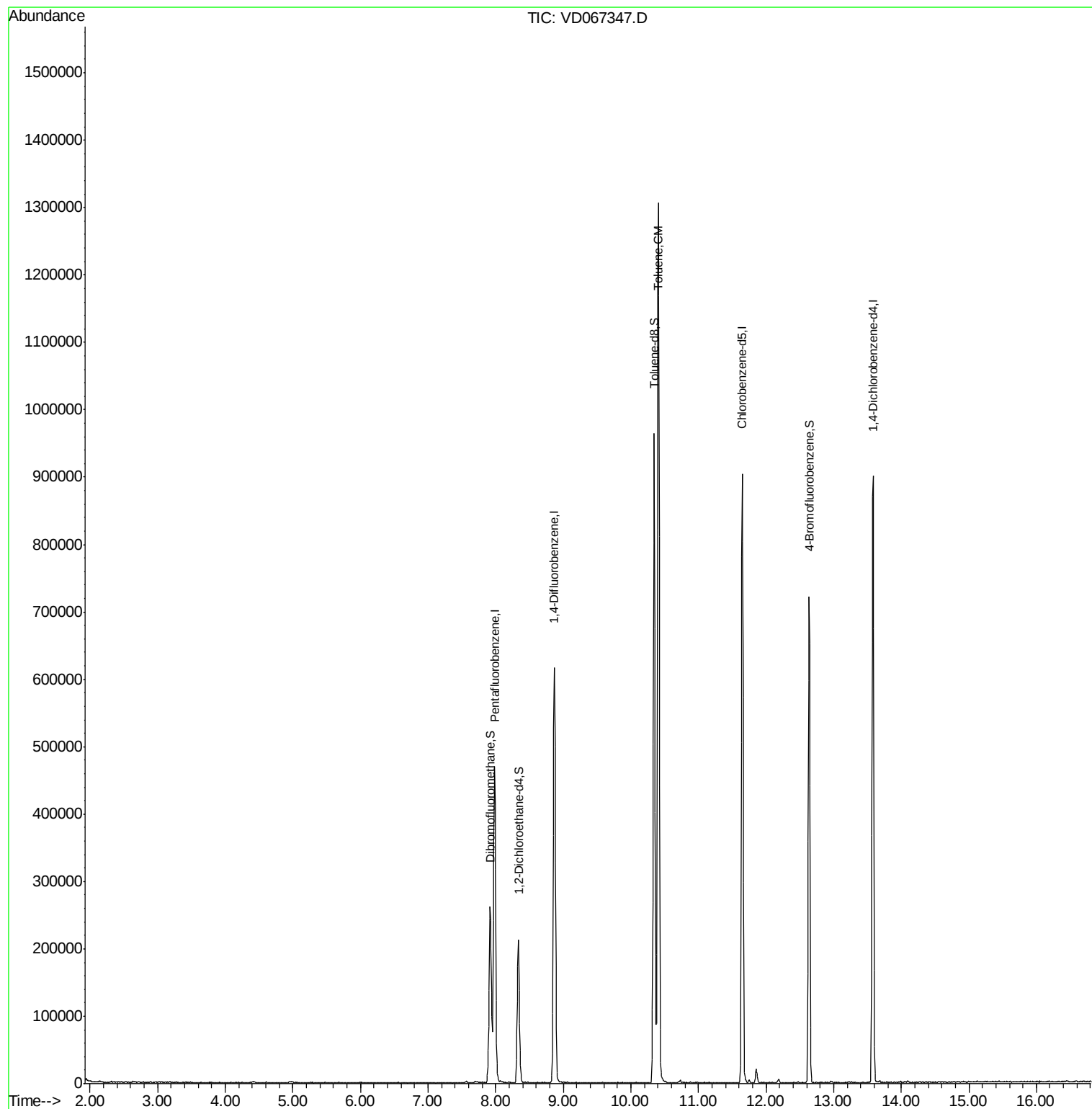
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	345236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	572685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	552608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	177837	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
35) Dibromofluoromethane	7.92	113	182134	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	10.34	98	672974	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.64	95	233493	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
Target Compounds						
52) Toluene	10.41	92	594478	65.546	ug/l	Qvalue 97

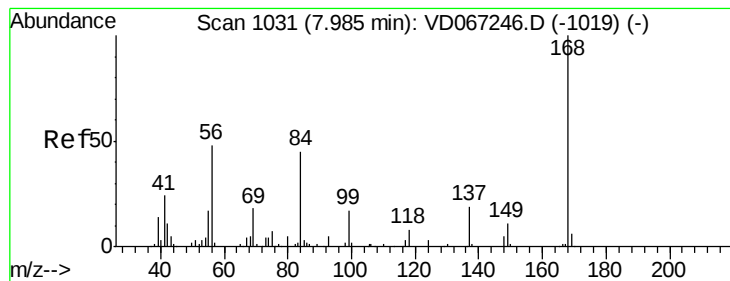
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102120\
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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: VD067347.D

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MSVOA_D

ClientSampleId :

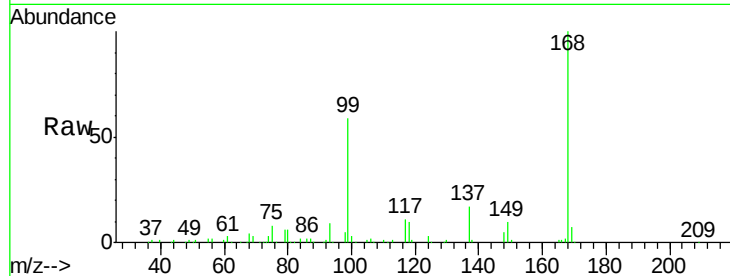
36B

Tot Ion:168 Resp: 345236

Ion Ratio Lower Upper

168 100

99 59.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

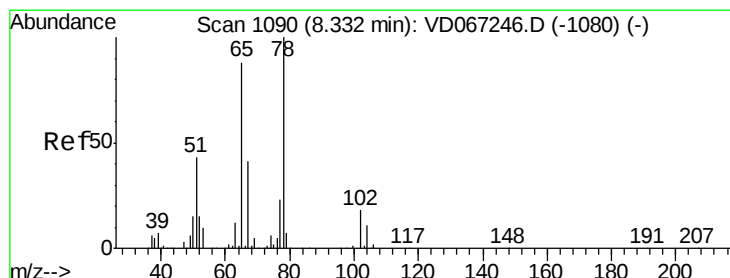
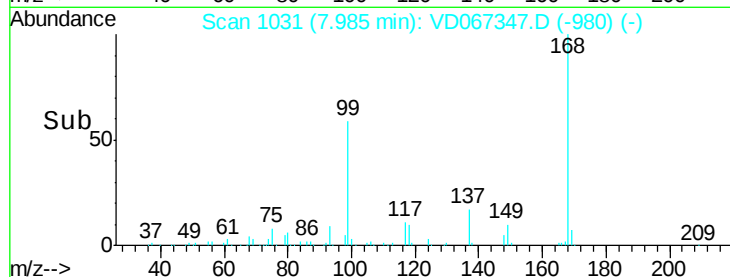
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.417 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067347.D

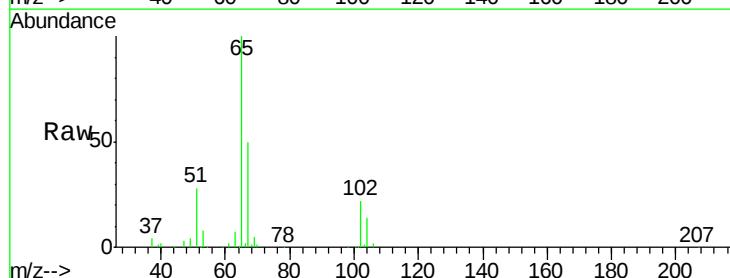
Acq: 21 Oct 2020 14:59

Tgt Ion: 65 Resp: 177837

Ion Ratio Lower Upper

65 100

67 50.9 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

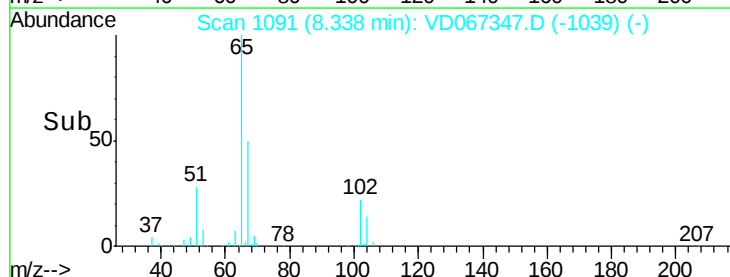
40000

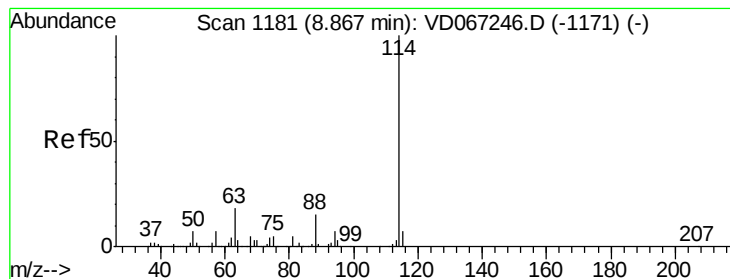
20000

0

Time-->

8.20 8.30 8.40 8.50





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067347.D

Acq: 21 Oct 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

36B

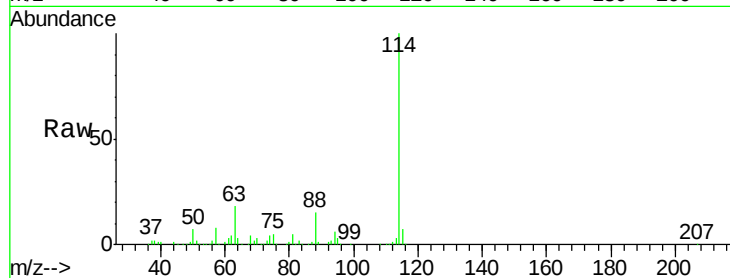
Tot Ion:114 Resp: 572685

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

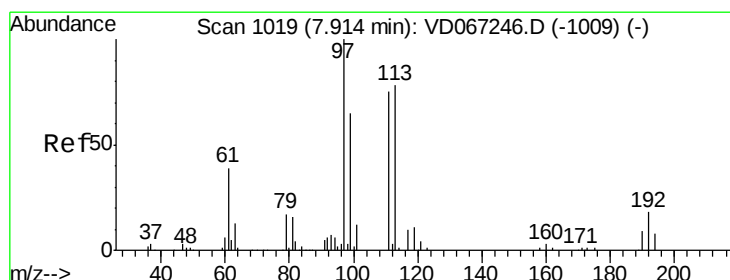
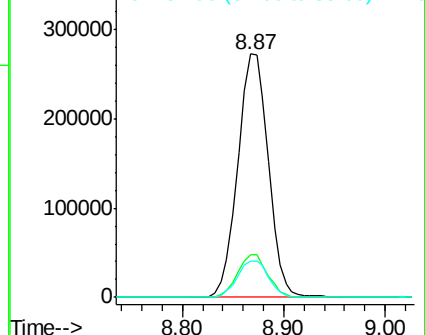
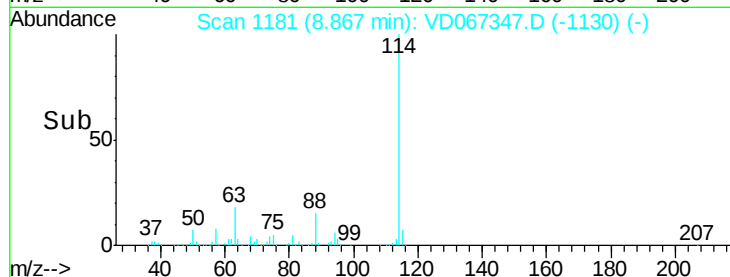
88 15.2 0.0 30.6



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: 47.789 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067347.D

Acq: 21 Oct 2020 14:59

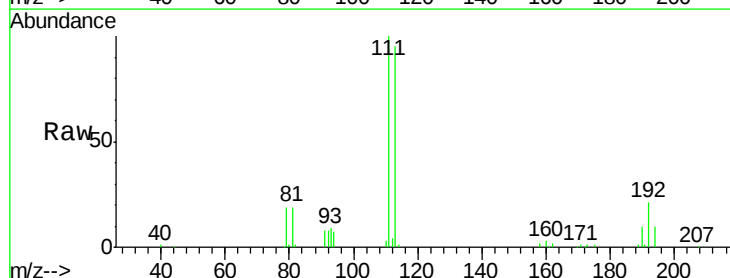
Tgt Ion:113 Resp: 182134

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

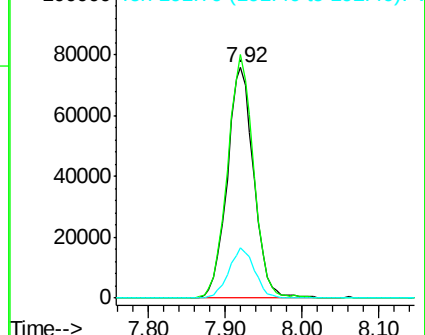
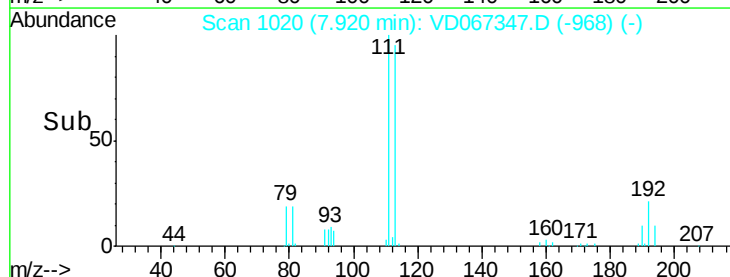
192 21.1 17.0 25.4

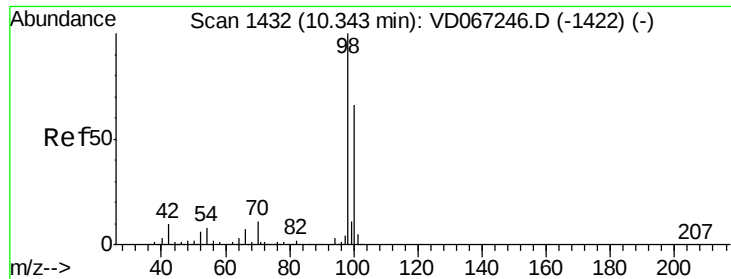


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

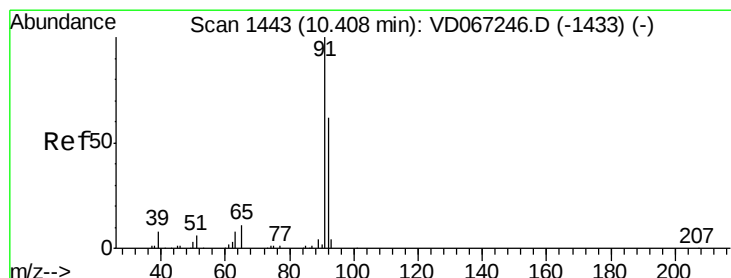
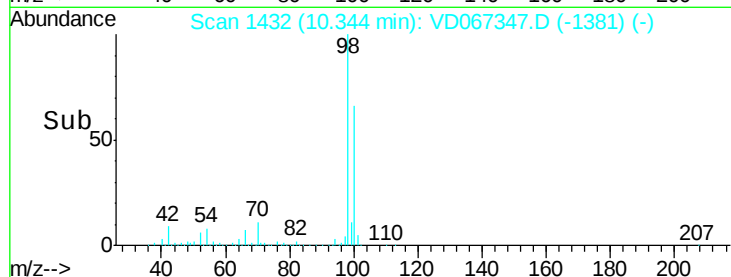
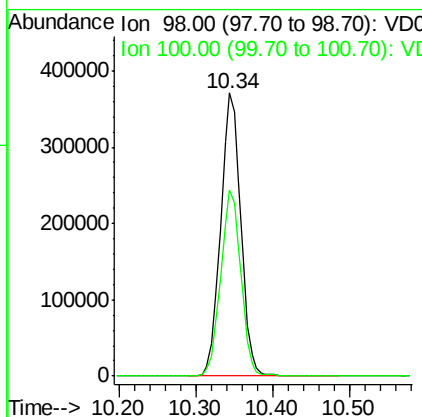
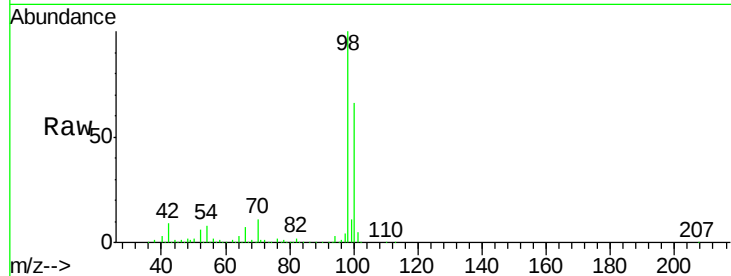




#50
Toluene-d8
Concen: 48.793 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067347.D
Acq: 21 Oct 2020 14:59

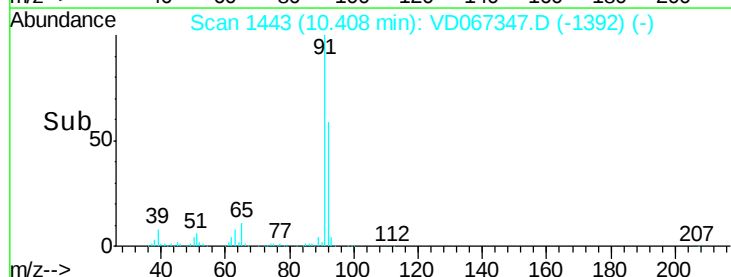
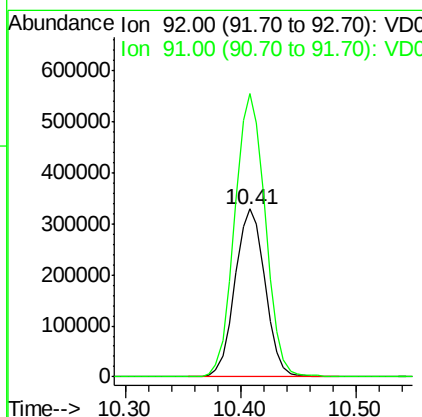
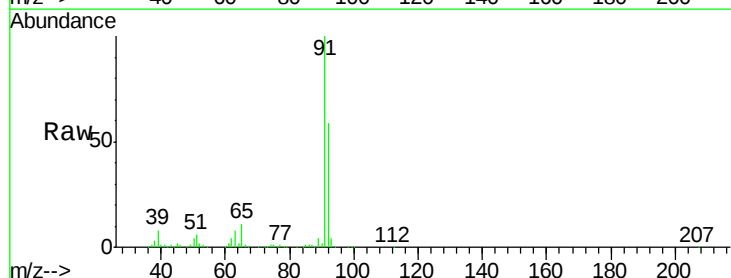
Instrument :
MSVOA_D
ClientSampleId :
36B

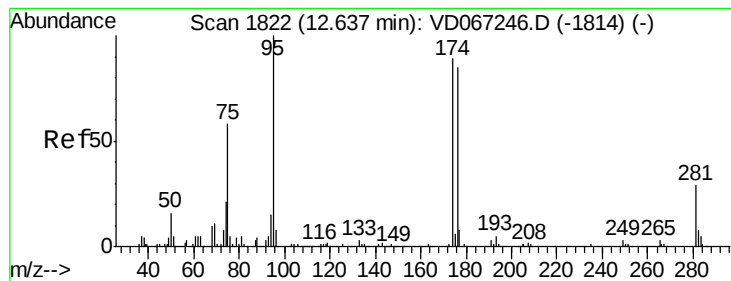
Tot Ion: 98 Resp: 672974
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#52
Toluene
Concen: 65.546 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067347.D
Acq: 21 Oct 2020 14:59

Tgt Ion: 92 Resp: 594478
Ion Ratio Lower Upper
92 100
91 171.7 133.8 200.8





#62

4-Bromofluorobenzene

Concen: 48.686 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067347.D

Acq: 21 Oct 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

36B

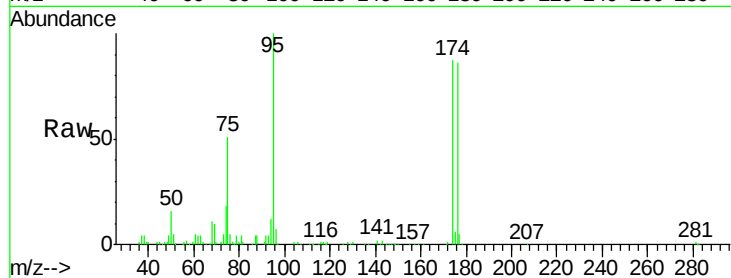
Tot Ion: 95 Resp: 233493

Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.2

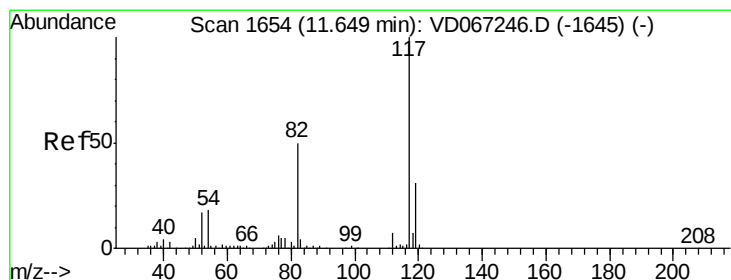
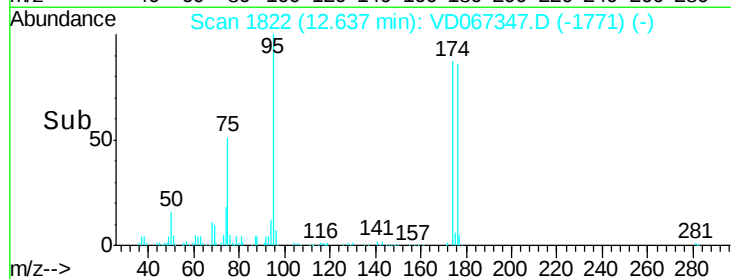
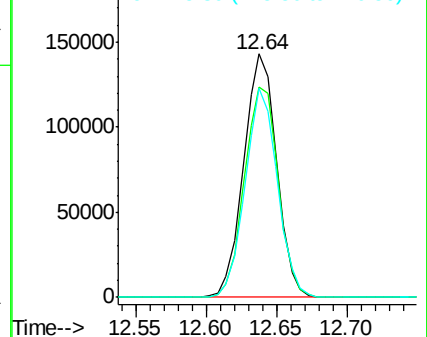
176 84.0 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD067347.D

Acq: 21 Oct 2020 14:59

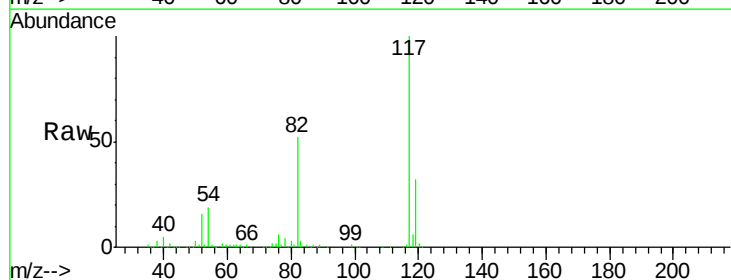
Tgt Ion: 117 Resp: 552608

Ion Ratio Lower Upper

117 100

82 52.3 39.9 59.9

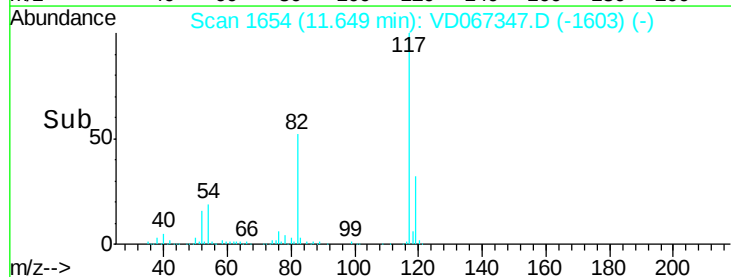
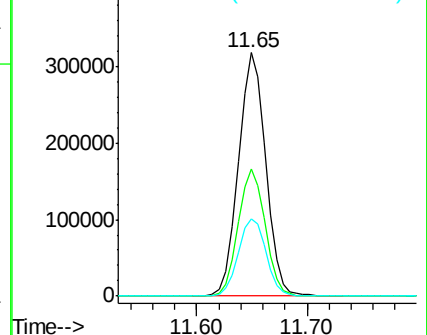
119 32.0 24.9 37.3

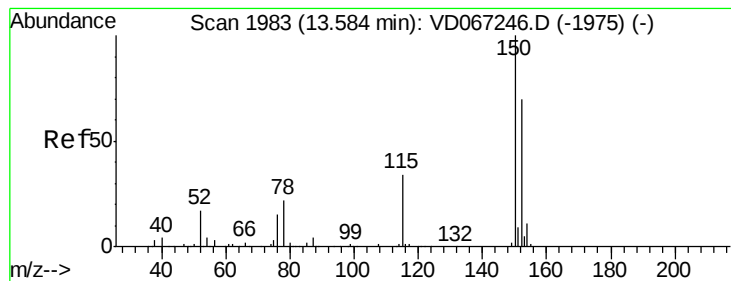


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.00 min

Lab File: VD067347.D

Acq: 21 Oct 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

36B

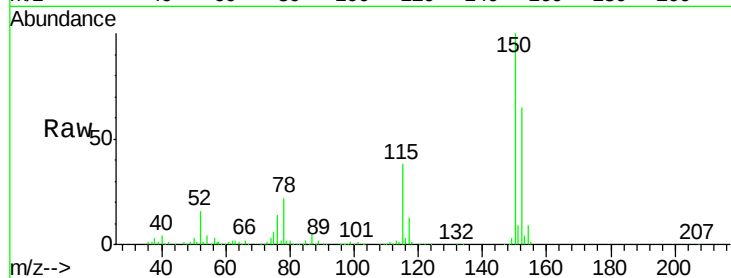
Tot Ion:152 Resp: 263736

Ion Ratio Lower Upper

152 100

115 57.5 29.3 87.9

150 154.7 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

