

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067349.D
 Acq On : 21 Oct 2020 15:54
 Operator : VA/SY
 Sample : L4467-05RE
 Misc : 6.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 357RE

Quant Time: Oct 22 01:00:12 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

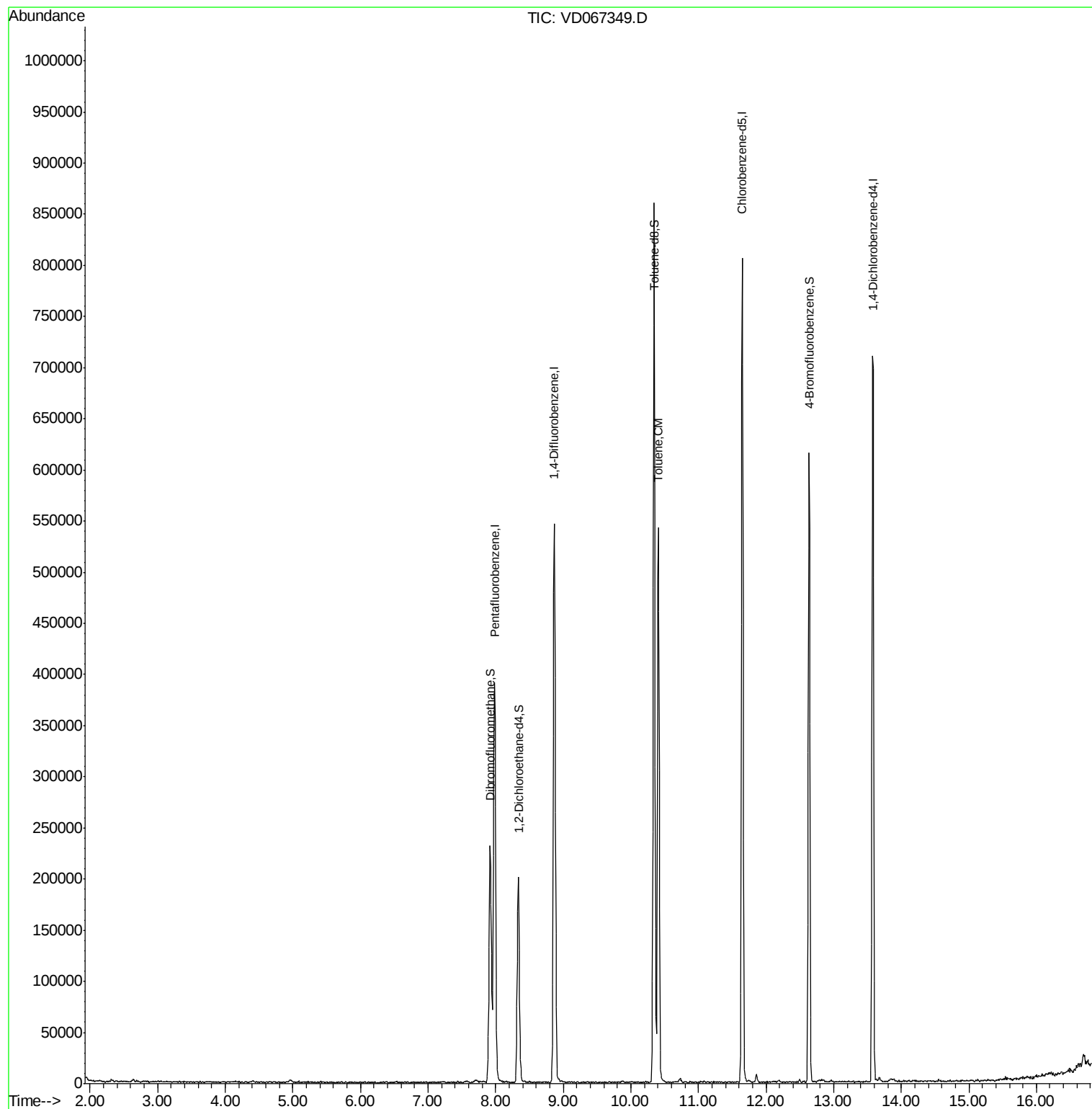
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	300500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	498441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	476553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	203785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	172666	57.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.70%	
35) Dibromofluoromethane	7.92	113	166548	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.34	98	584294	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.64	95	193951	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
52) Toluene	10.41	92	240794	30.504	ug/l	Qvalue 98

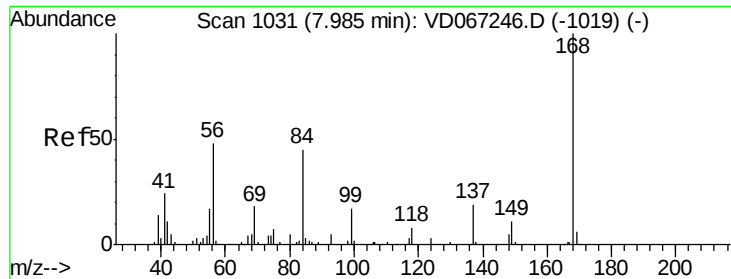
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067349.D

Acq: 21 Oct 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

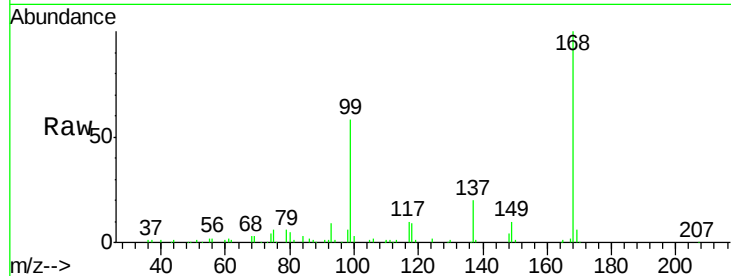
357RE

Tot Ion:168 Resp: 300500

Ion Ratio Lower Upper

168 100

99 57.6 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

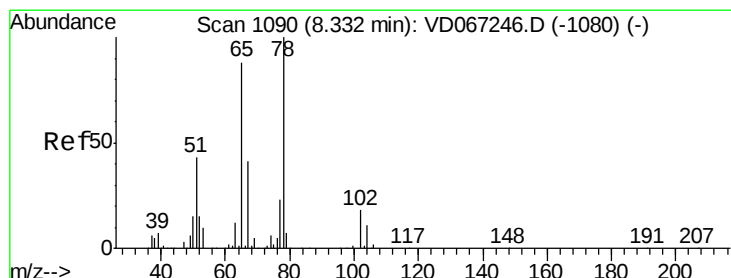
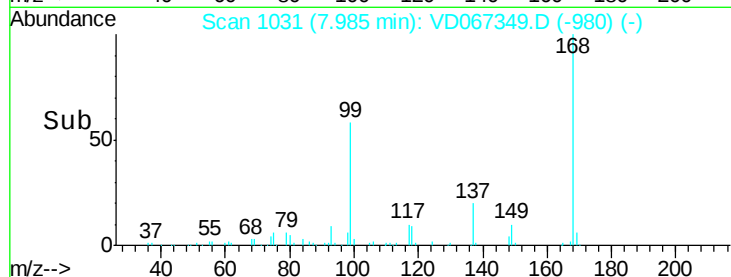
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.353 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067349.D

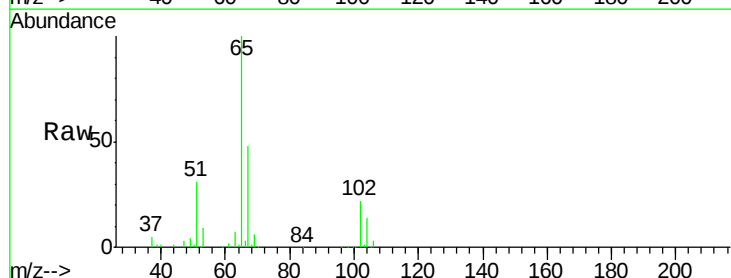
Acq: 21 Oct 2020 15:54

Tgt Ion: 65 Resp: 172666

Ion Ratio Lower Upper

65 100

67 49.3 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

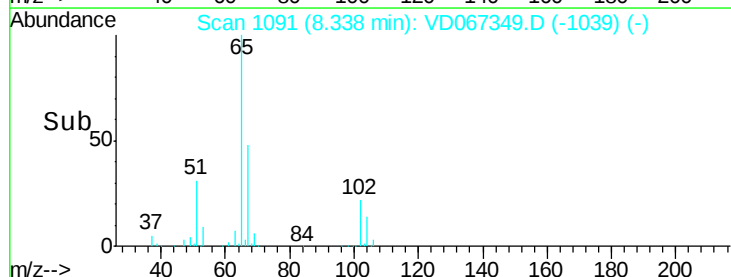
60000

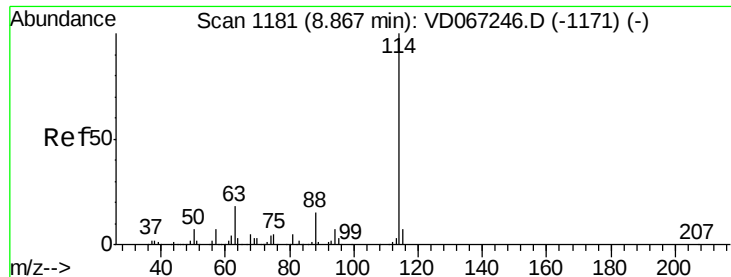
40000

20000

0

Time-->

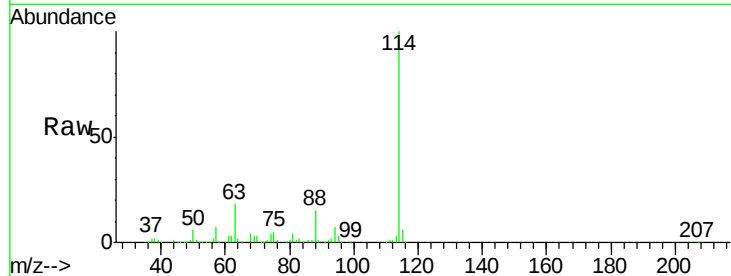




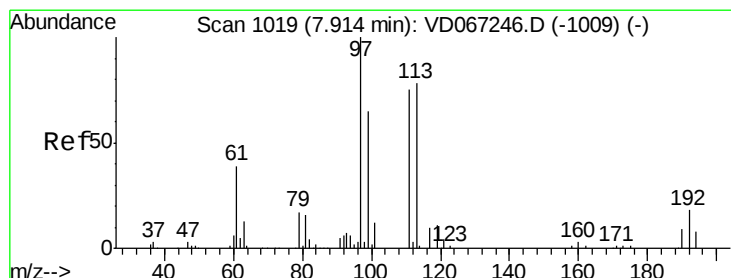
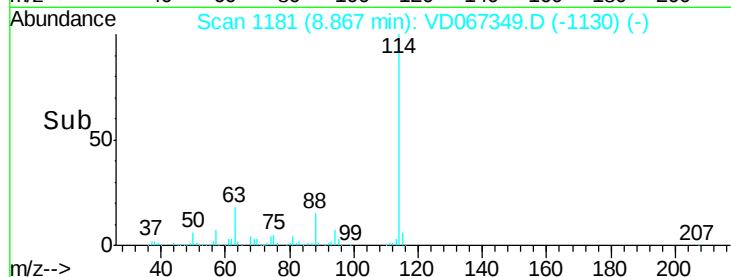
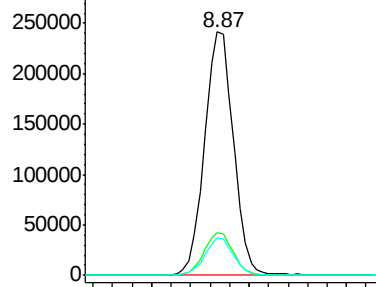
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067349.D
Acq: 21 Oct 2020 15:54

Instrument :
MSVOA_D
ClientSampleId :
357RE

Tot Ion:114 Resp: 498441
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 15.4 0.0 30.6

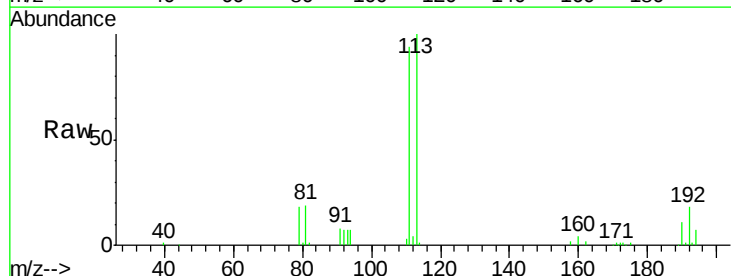


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

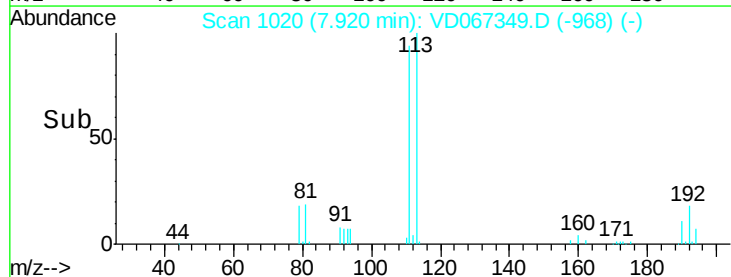
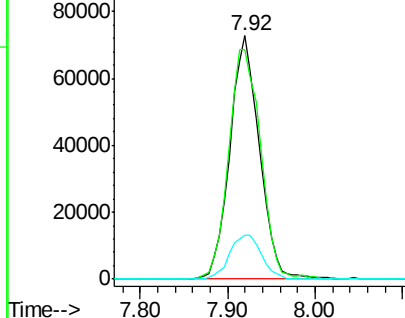


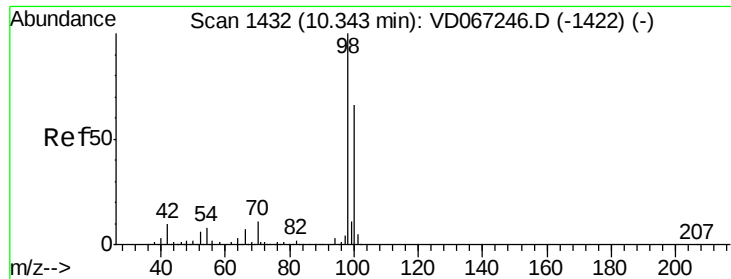
#35
Dibromofluoromethane
Concen: 50.208 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067349.D
Acq: 21 Oct 2020 15:54

Tgt Ion:113 Resp: 166548
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 19.6 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

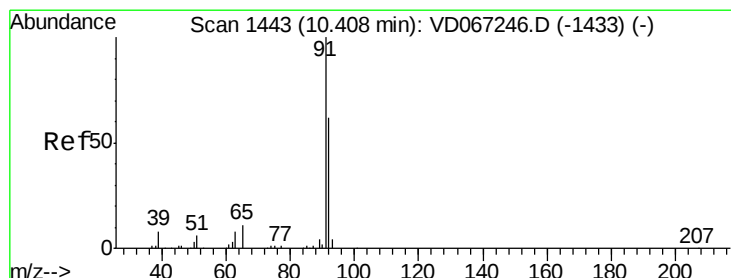
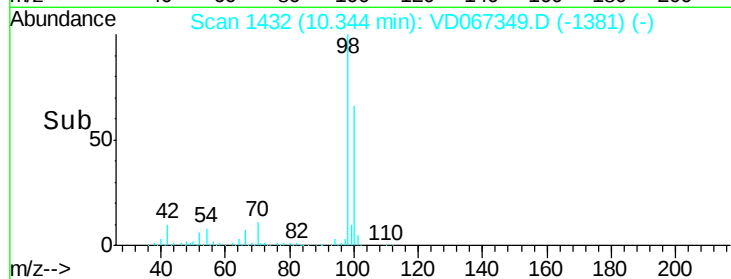
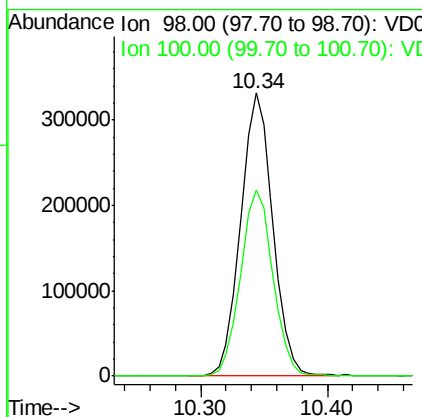
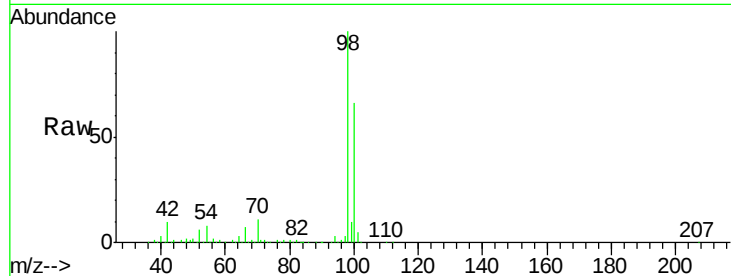




#50
Toluene-d8
Concen: 48.673 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067349.D
Acq: 21 Oct 2020 15:54

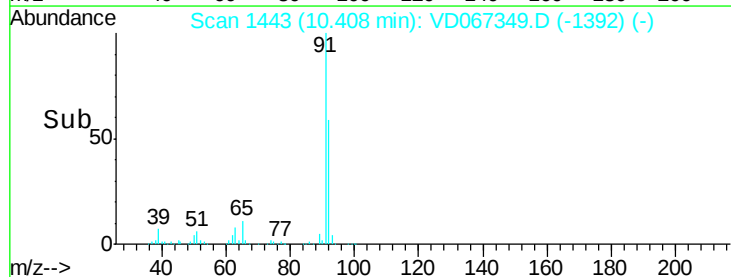
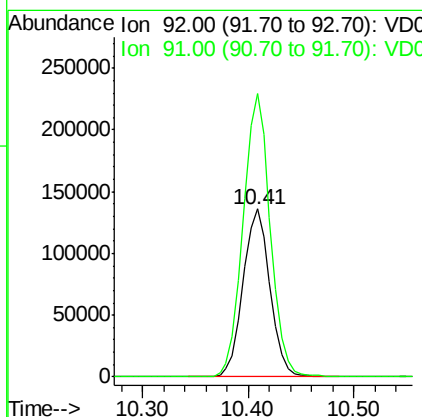
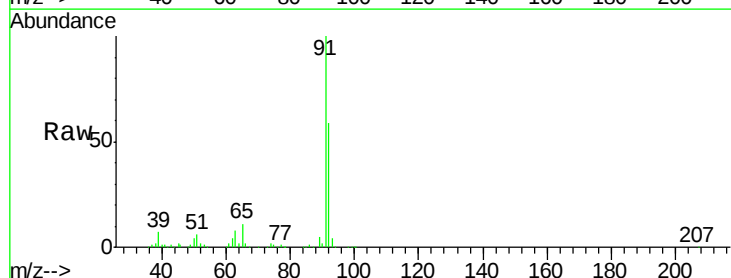
Instrument :
MSVOA_D
ClientSampleId :
357RE

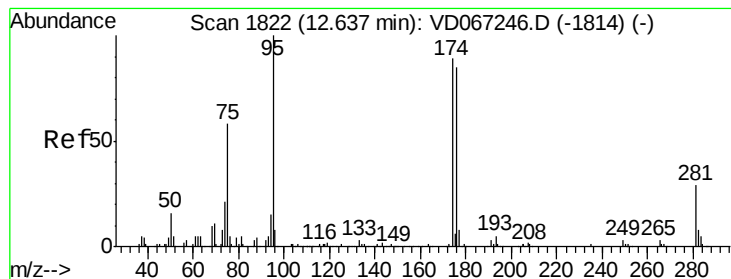
Tot Ion: 98 Resp: 584294
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#52
Toluene
Concen: 30.504 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067349.D
Acq: 21 Oct 2020 15:54

Tgt Ion: 92 Resp: 240794
Ion Ratio Lower Upper
92 100
91 169.7 133.8 200.8





#62

4-Bromofluorobenzene

Concen: 46.464 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067349.D

Acq: 21 Oct 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

357RE

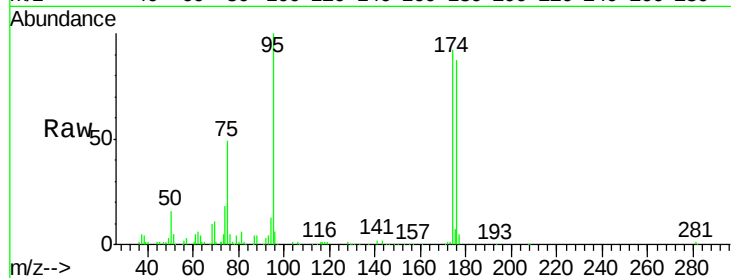
Tot Ion: 95 Resp: 193951

Ion Ratio Lower Upper

95 100

174 90.1 0.0 175.2

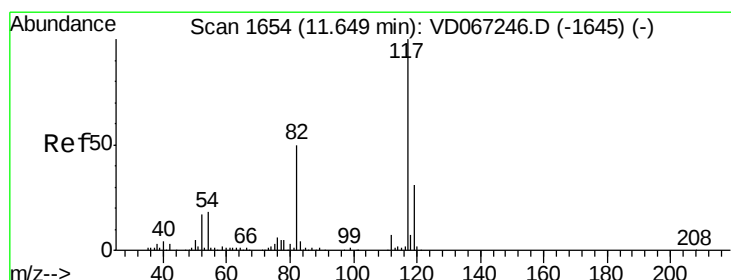
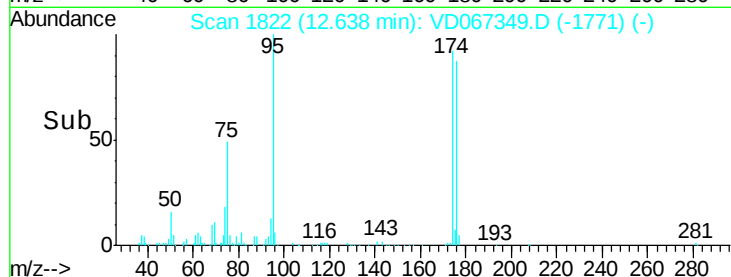
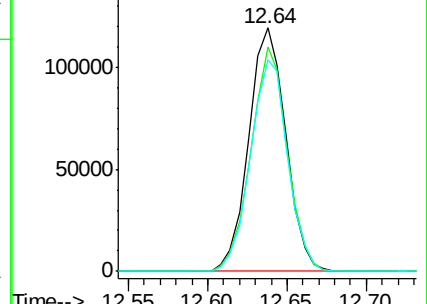
176 87.2 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067349.D

Acq: 21 Oct 2020 15:54

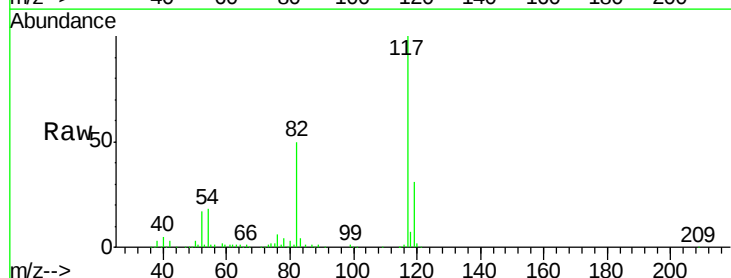
Tgt Ion: 117 Resp: 476553

Ion Ratio Lower Upper

117 100

82 50.4 39.9 59.9

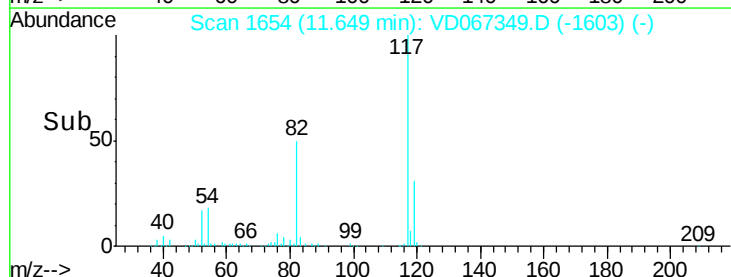
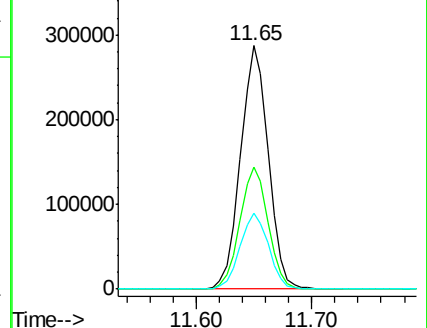
119 31.2 24.9 37.3

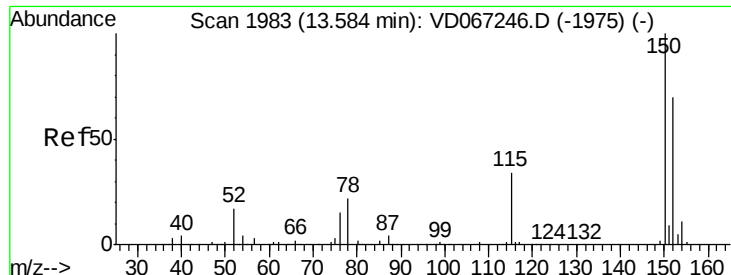


Abundance Ion 116.90 (116.60 to 117.60): VD067246.D (-1645) (-)

Ion 82.00 (81.70 to 82.70): VD067246.D (-1645) (-)

Ion 118.90 (118.60 to 119.60): VD067246.D (-1645) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067349.D

Acq: 21 Oct 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

357RE

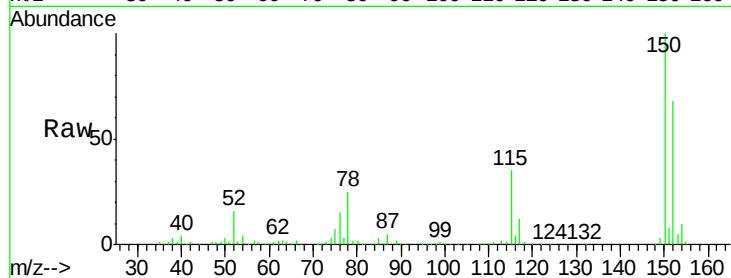
Tot Ion:152 Resp: 203785

Ion Ratio Lower Upper

152 100

115 58.9 29.3 87.9

150 155.5 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

