

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067789.D
 Acq On : 25 Nov 2020 16:10
 Operator : VA/SY
 Sample : L4893-01
 Misc : 5.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-36-2-WC

Quant Time: Nov 26 02:16:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	349910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	534704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	564615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	167387	49.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.40%
35) Dibromofluoromethane	7.92	113	163066	47.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.84%
50) Toluene-d8	10.34	98	617408	49.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.26%
62) 4-Bromofluorobenzene	12.64	95	247075	58.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.20%

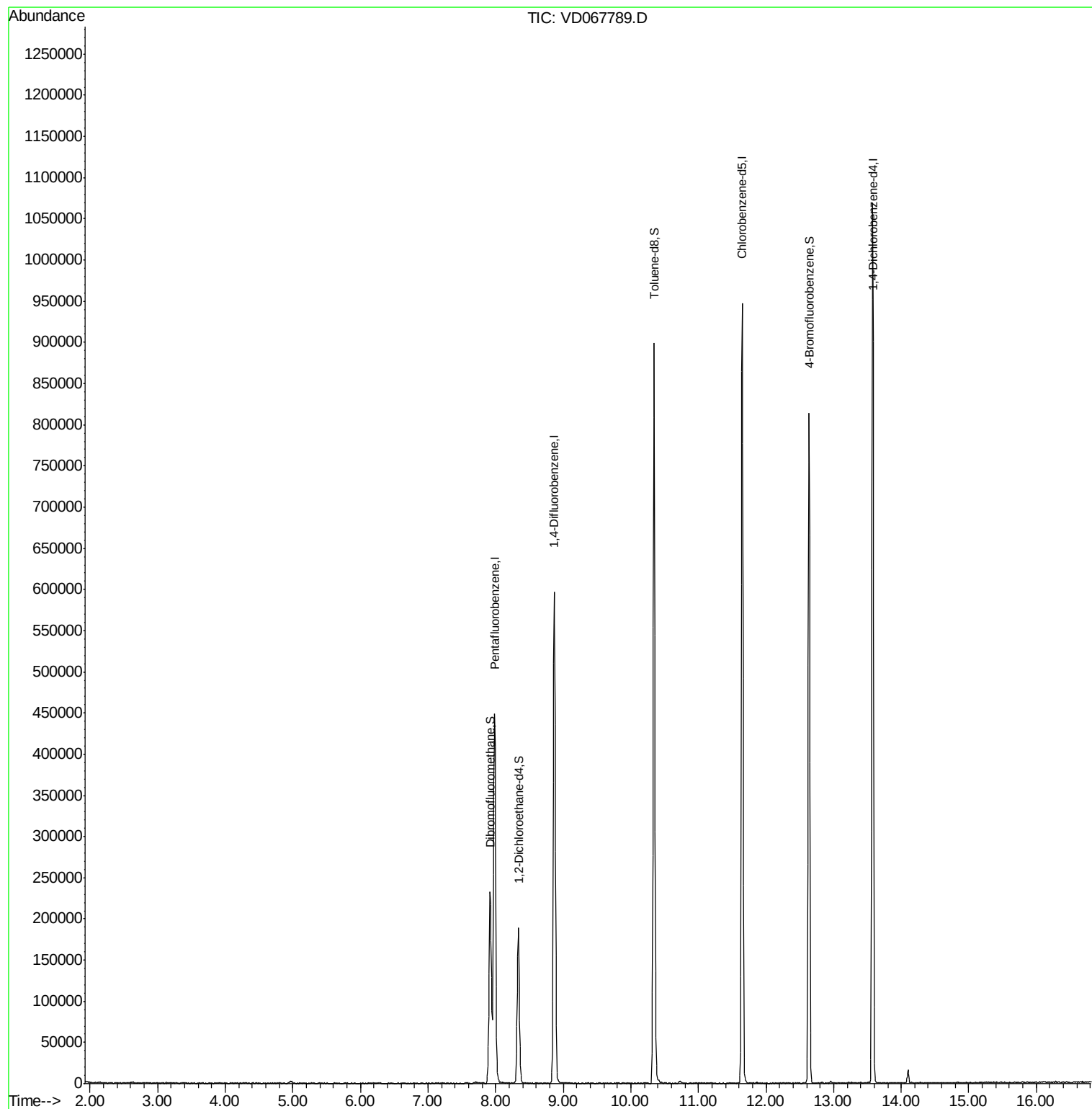
Target Compounds	Qvalue
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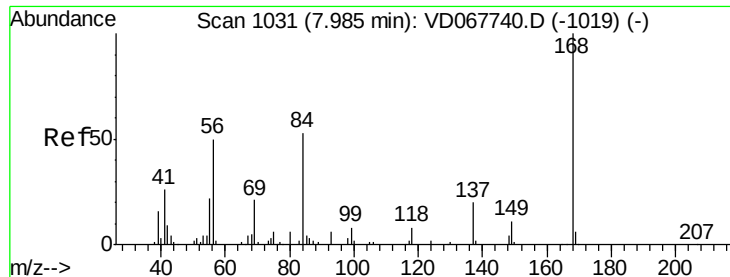
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

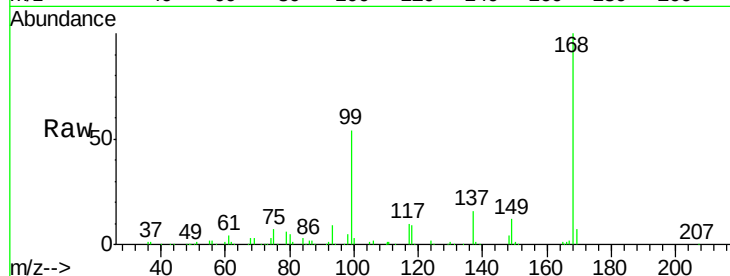
R-LA-36-2-WC

Tot Ion:168 Resp: 349910

Ion Ratio Lower Upper

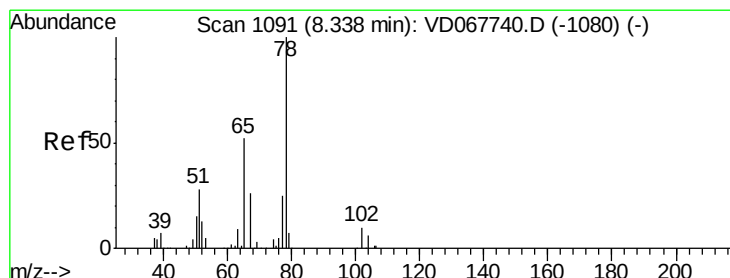
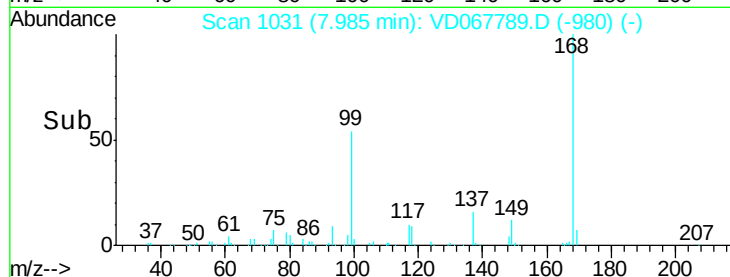
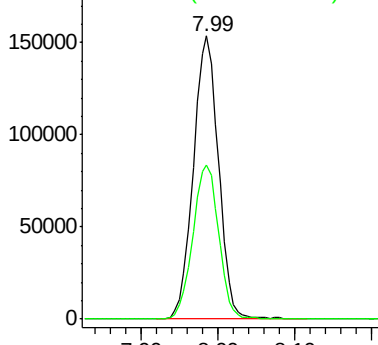
168 100

99 54.4 43.8 65.8



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: 49.199 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067789.D

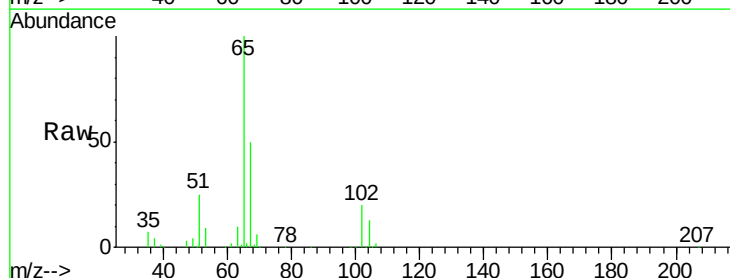
Acq: 25 Nov 2020 16:10

Tgt Ion: 65 Resp: 167387

Ion Ratio Lower Upper

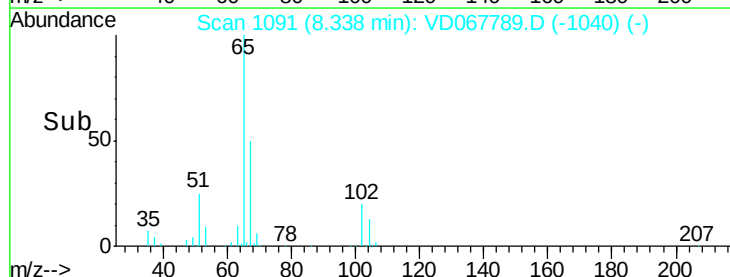
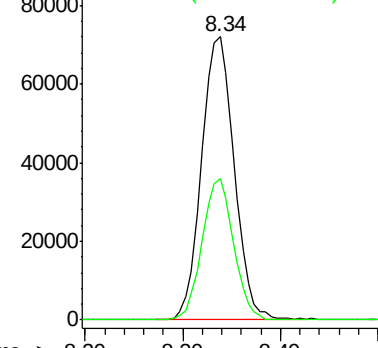
65 100

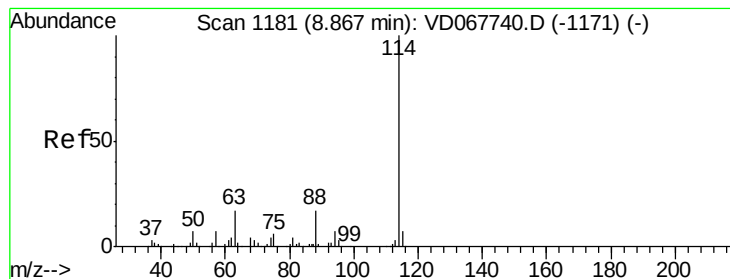
67 48.2 0.0 101.0



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. 0.00 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

R-LA-36-2-WC

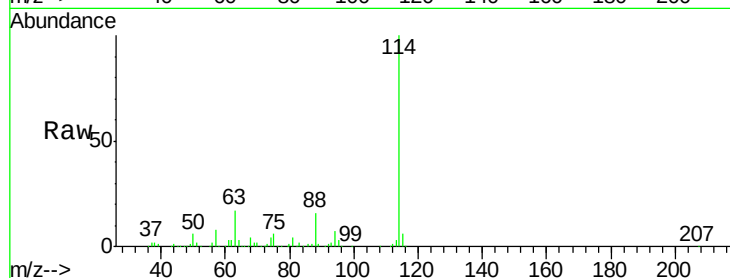
Tot Ion:114 Resp: 534704

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.8

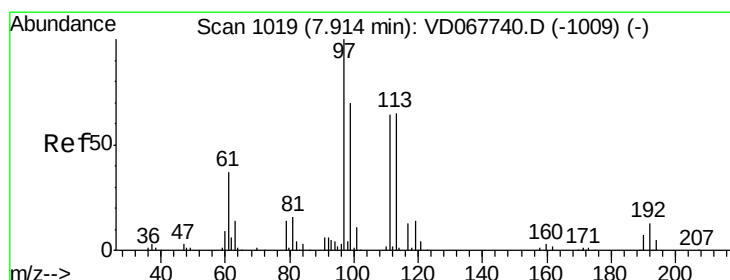
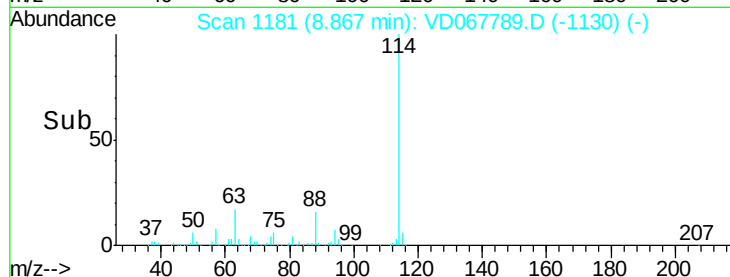
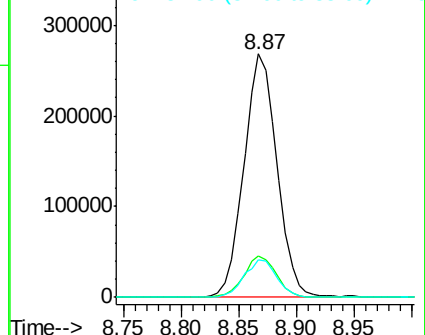
88 15.6 0.0 34.4



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: 47.920 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

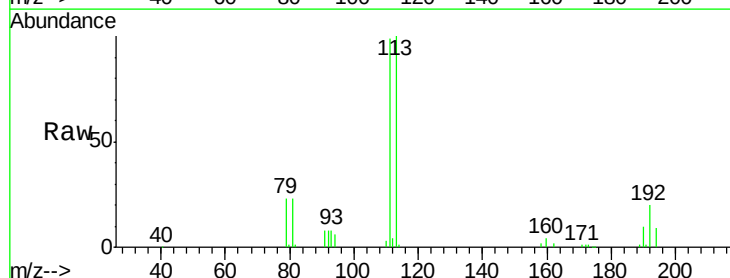
Tgt Ion:113 Resp: 163066

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

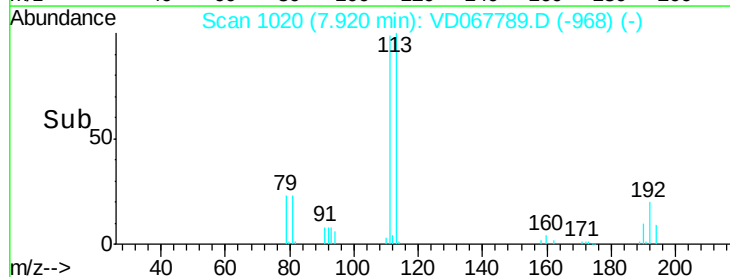
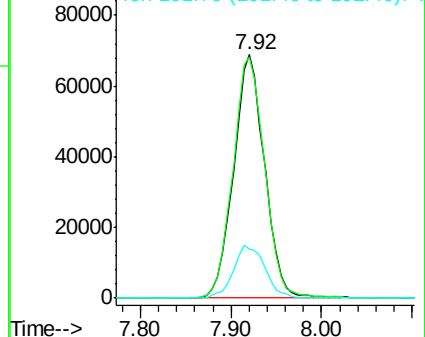
192 21.9 17.0 25.4

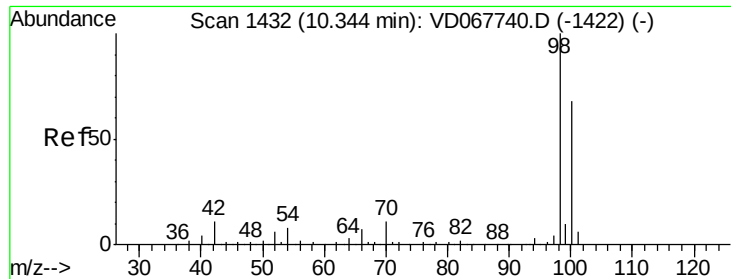


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.627 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

Instrument :

MSVOA_D

ClientSampleId :

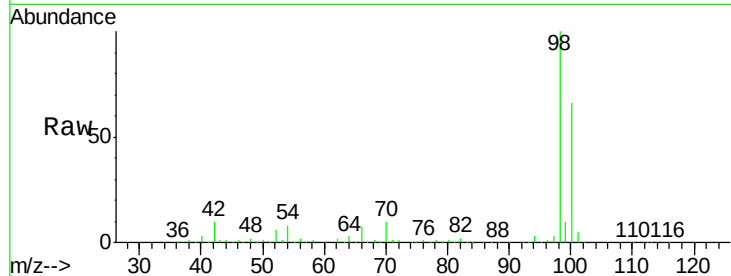
R-LA-36-2-WC

Tot Ion: 98 Resp: 617408

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD067740.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD067740.D (-1422) (-)

10.34

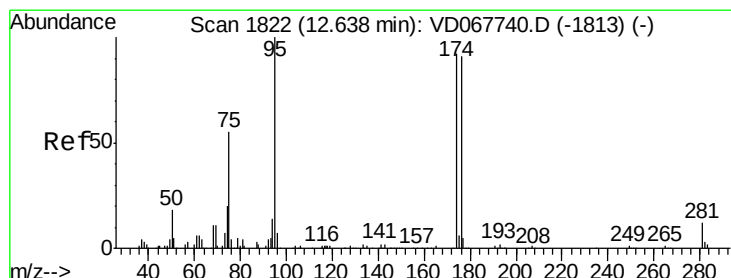
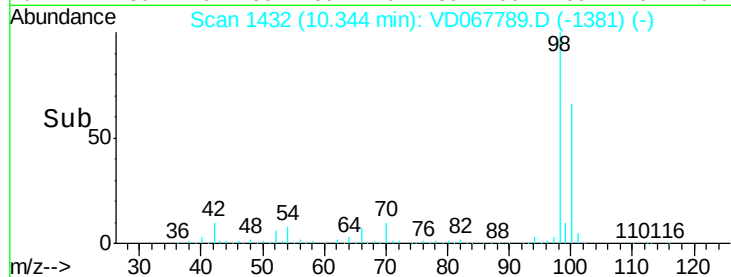
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 58.102 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067789.D

Acq: 25 Nov 2020 16:10

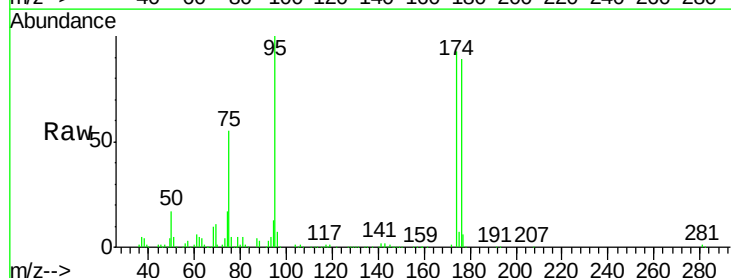
Tgt Ion: 95 Resp: 247075

Ion Ratio Lower Upper

95 100

174 95.7 0.0 182.4

176 93.8 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): VD067740.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD067740.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD067740.D (-1813) (-)

12.64

200000

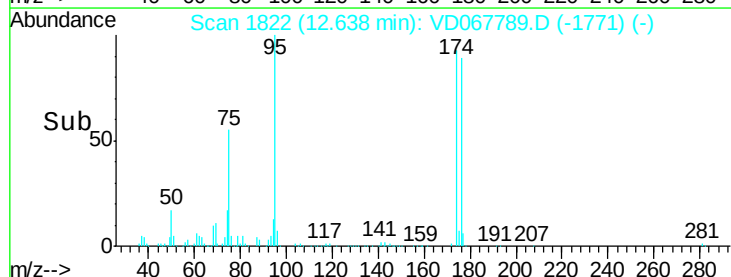
150000

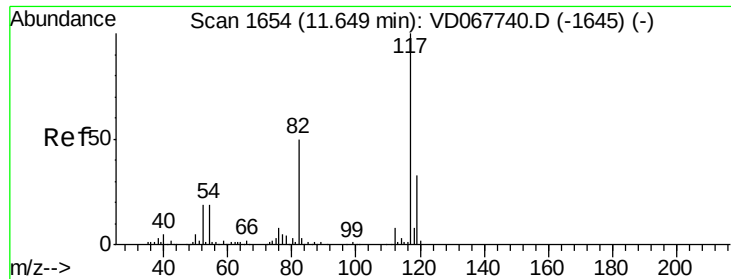
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

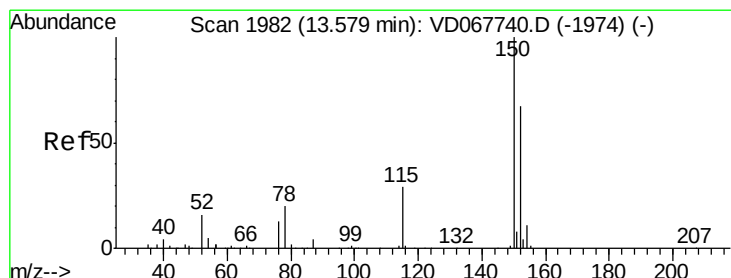
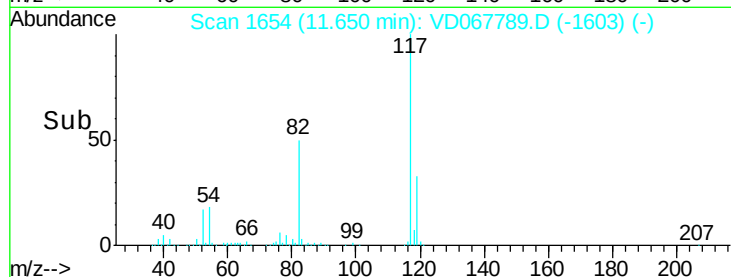
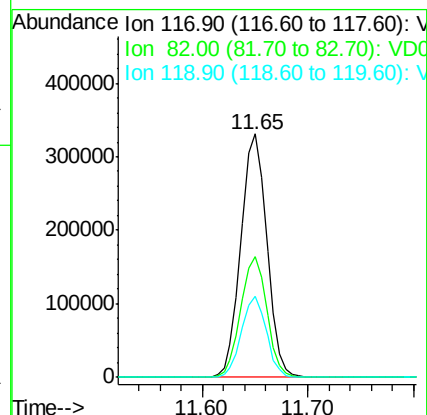
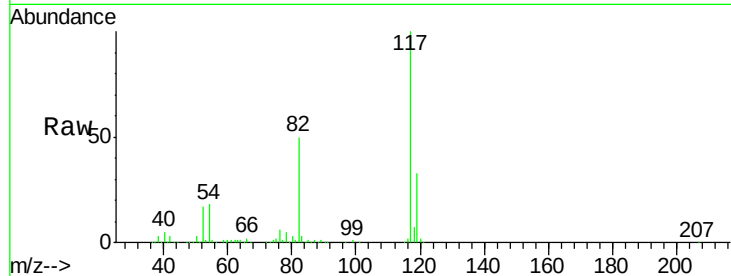




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

Instrument :
MSVOA_D
ClientSampleId :
R-LA-36-2-WC

Tot Ion:117 Resp: 564615
Ion Ratio Lower Upper
117 100
82 49.6 40.2 60.4
119 33.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067789.D
Acq: 25 Nov 2020 16:10

Tgt Ion:152 Resp: 301917
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.3
150 154.5 0.0 340.6

