

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067864.D
 Acq On : 03 Dec 2020 13:17
 Operator : VA/SY
 Sample : L4932-01
 Misc : 4.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-35-1-WC

Quant Time: Dec 04 01:28:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	234714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	329279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	298007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117557	46.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.30%
35) Dibromofluoromethane	7.92	113	99591	45.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.40%
50) Toluene-d8	10.34	98	376246	47.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.88%
62) 4-Bromofluorobenzene	12.64	95	121499	44.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.62%

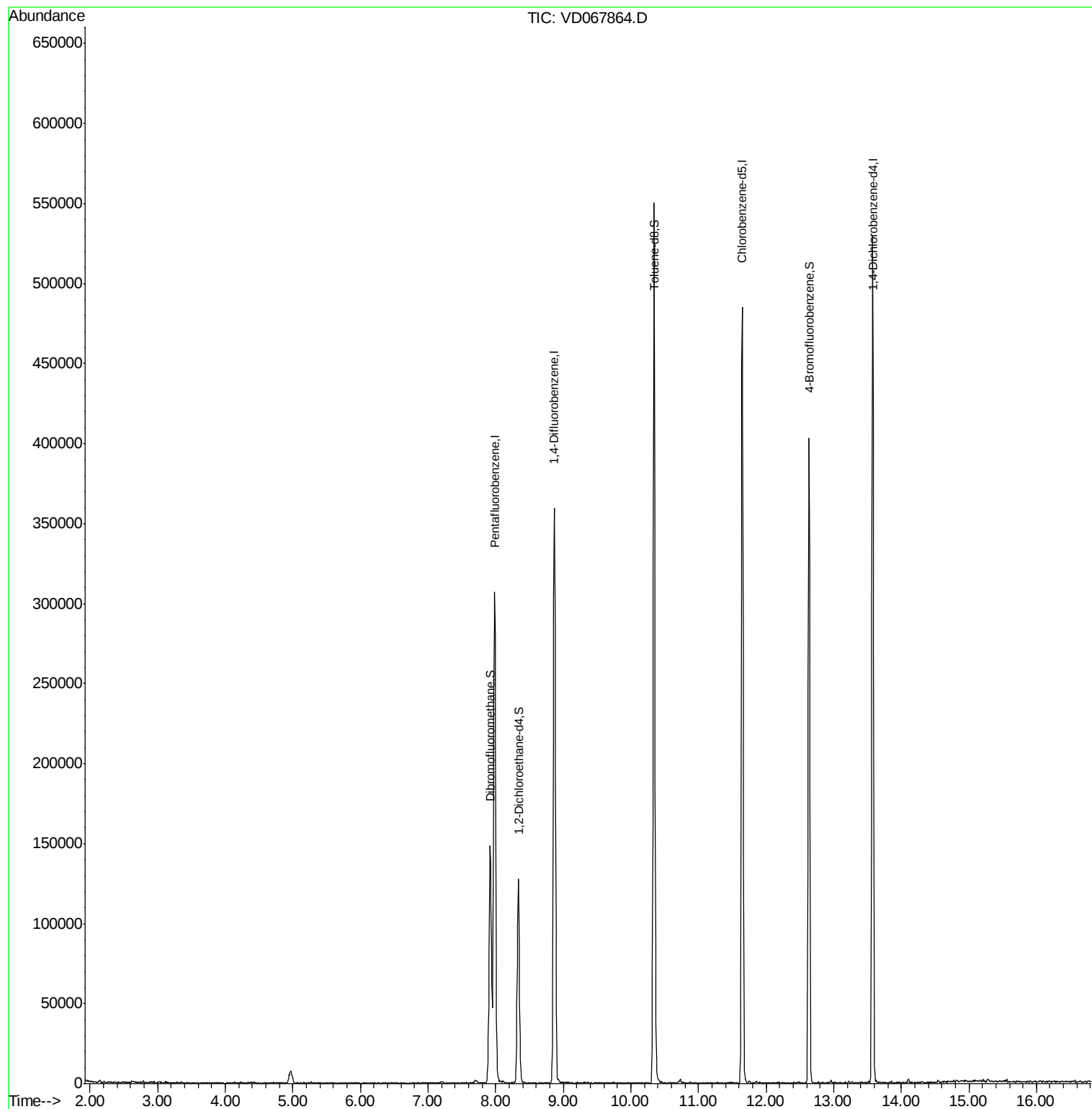
Target Compounds	Qvalue

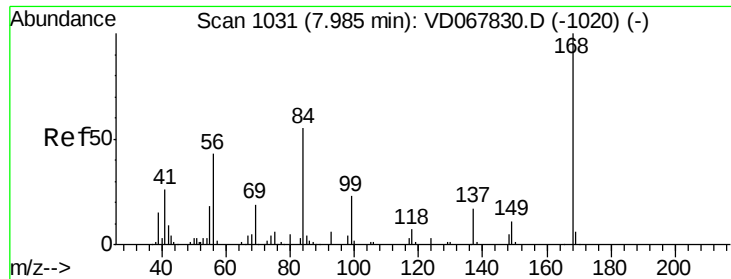
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067864.D

Acq: 03 Dec 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

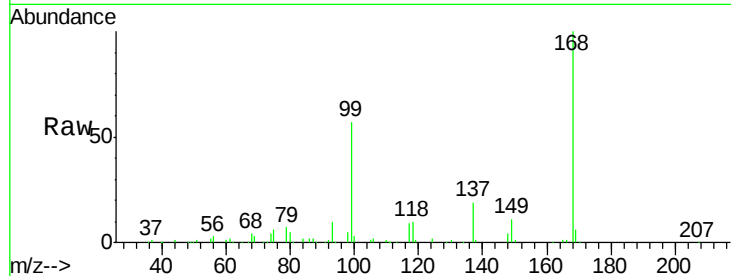
R-LA-35-1-WC

Tot Ion:168 Resp: 234714

Ion Ratio Lower Upper

168 100

99 56.7 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

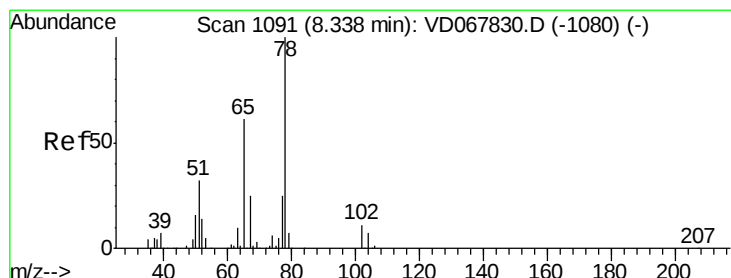
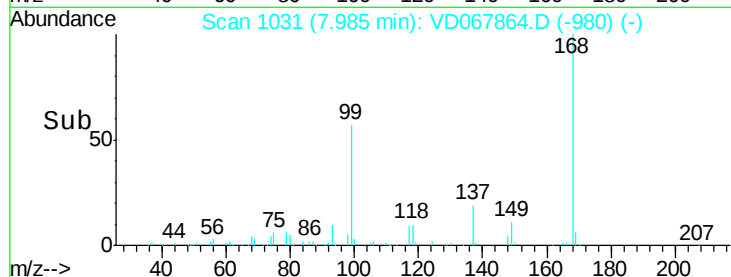
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.654 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067864.D

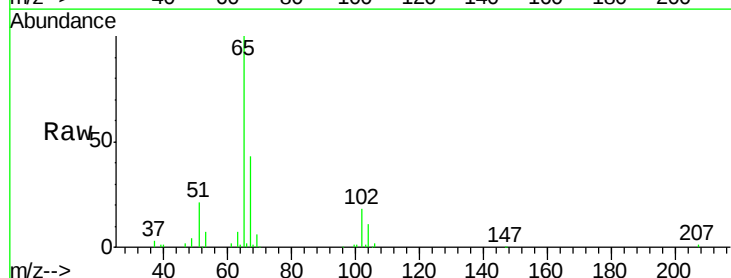
Acq: 03 Dec 2020 13:17

Tgt Ion: 65 Resp: 117557

Ion Ratio Lower Upper

65 100

67 46.5 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

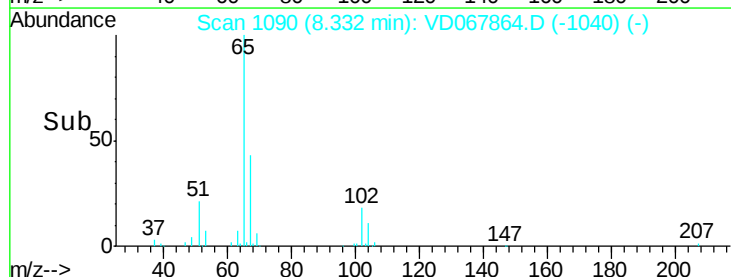
30000

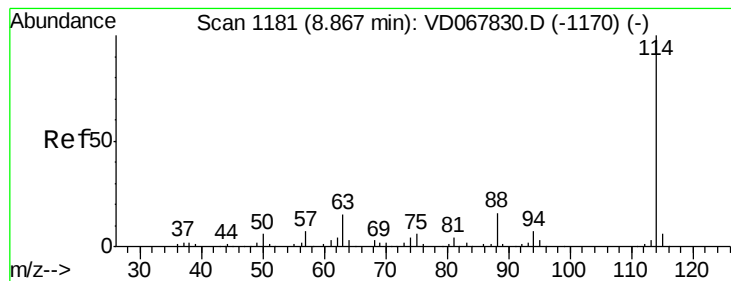
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067864.D

Acq: 03 Dec 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

R-LA-35-1-WC

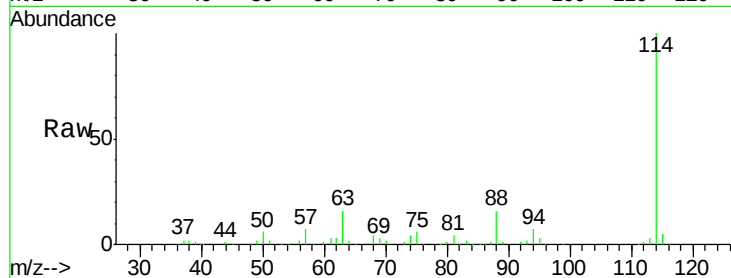
Tot Ion:114 Resp: 329279

Ion Ratio Lower Upper

114 100

63 16.3 0.0 30.8

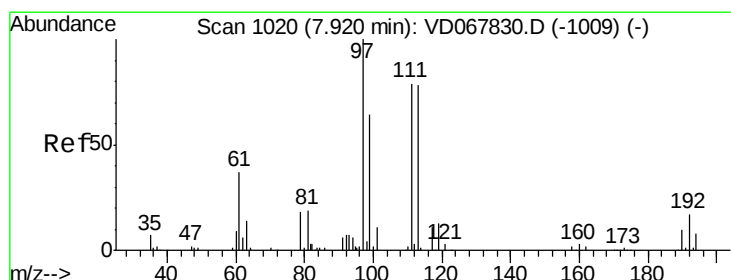
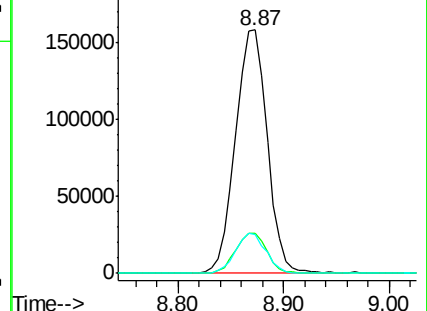
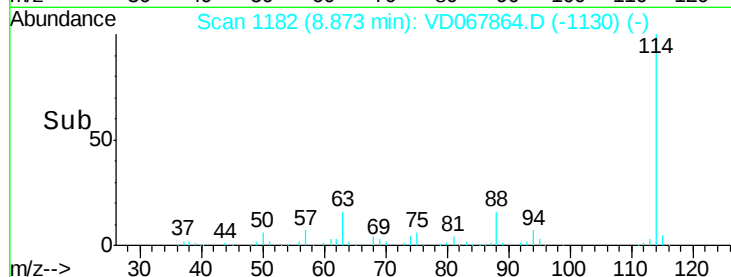
88 15.7 0.0 31.8



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: 45.200 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067864.D

Acq: 03 Dec 2020 13:17

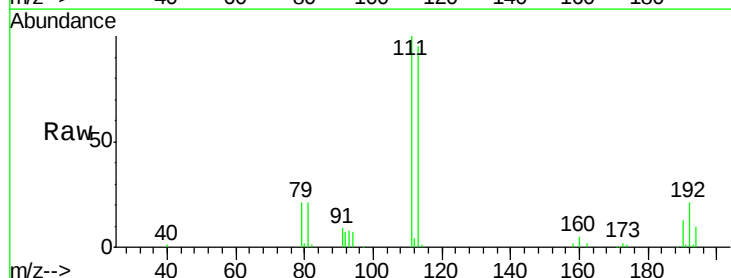
Tgt Ion:113 Resp: 99591

Ion Ratio Lower Upper

113 100

111 104.1 81.2 121.8

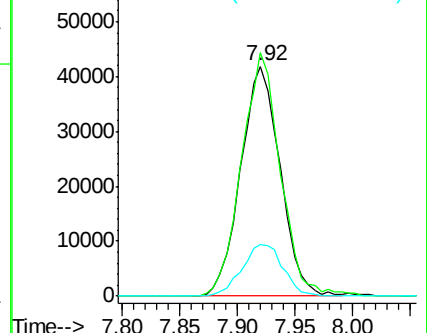
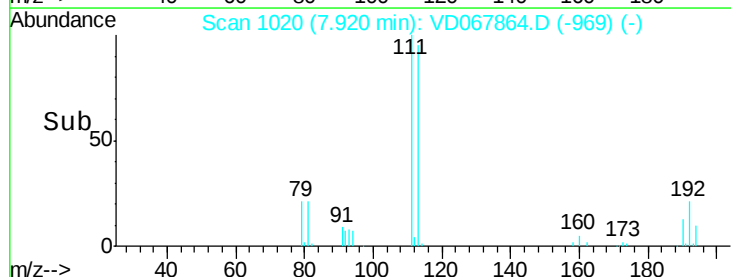
192 23.3 16.8 25.2

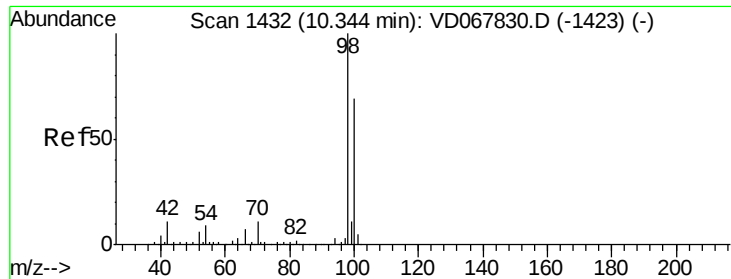


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.436 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067864.D

Acq: 03 Dec 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

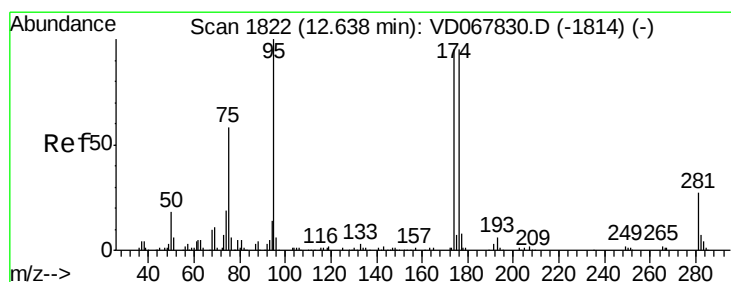
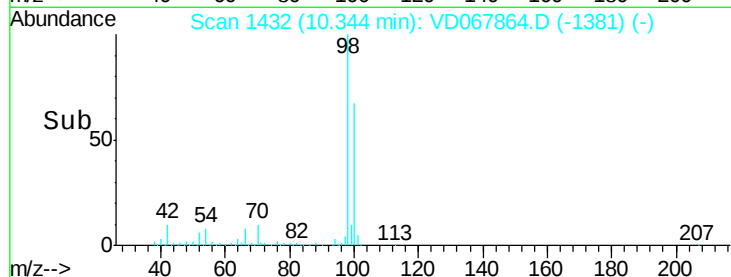
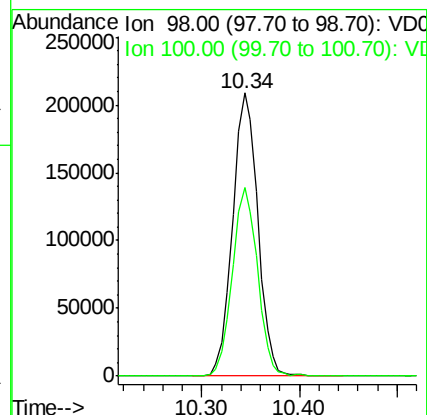
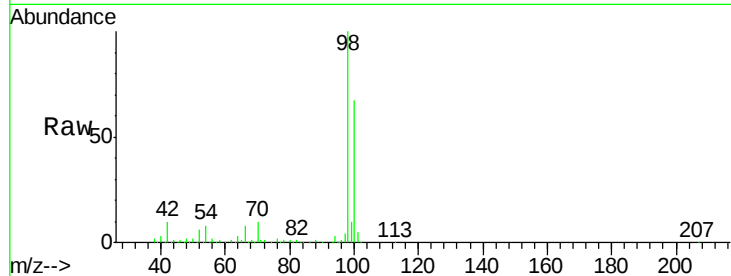
R-LA-35-1-WC

Tot Ion: 98 Resp: 376246

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.307 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067864.D

Acq: 03 Dec 2020 13:17

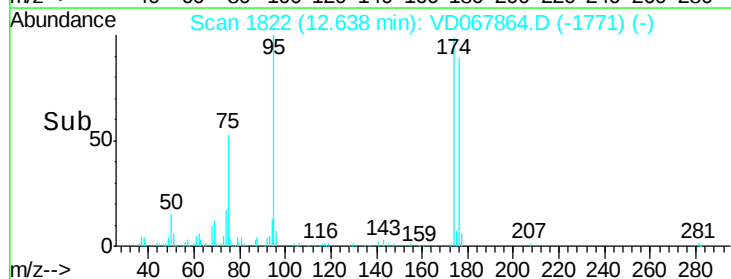
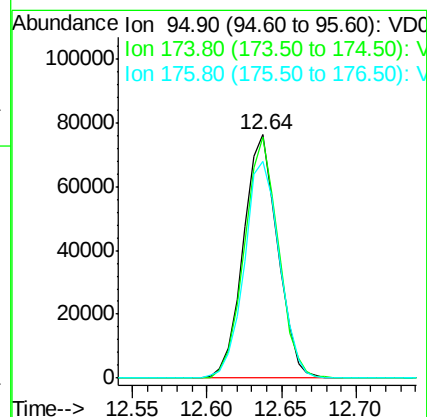
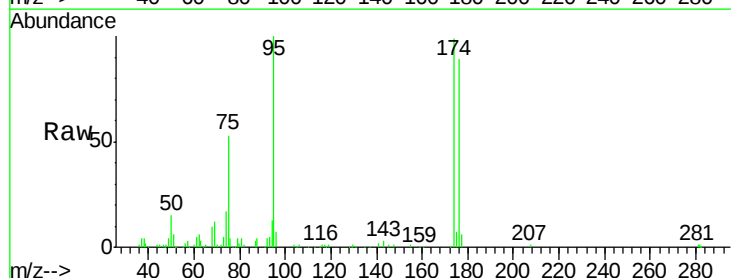
Tgt Ion: 95 Resp: 121499

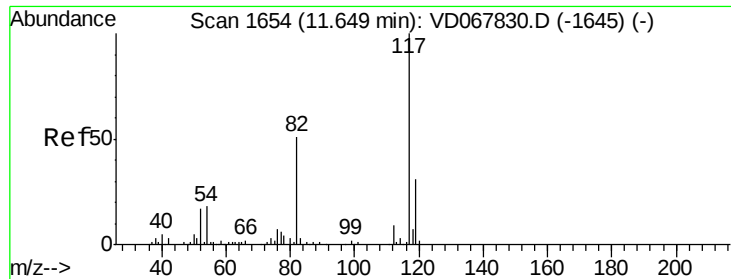
Ion Ratio Lower Upper

95 100

174 97.6 0.0 186.0

176 91.2 0.0 184.2

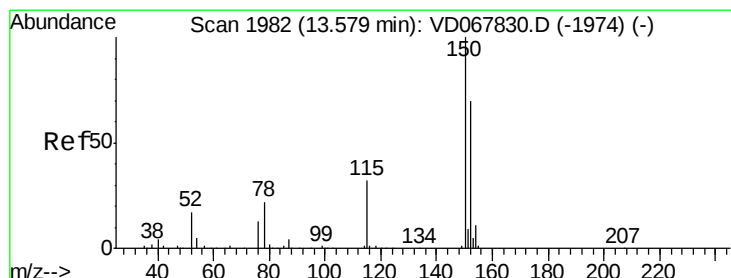
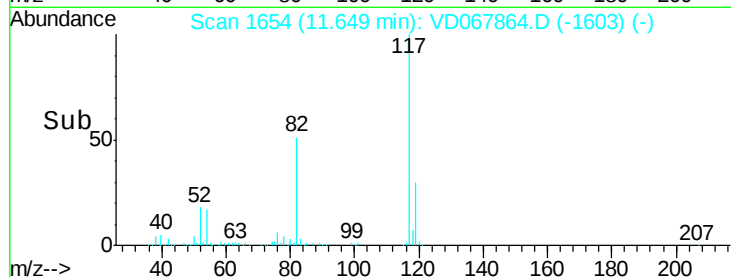
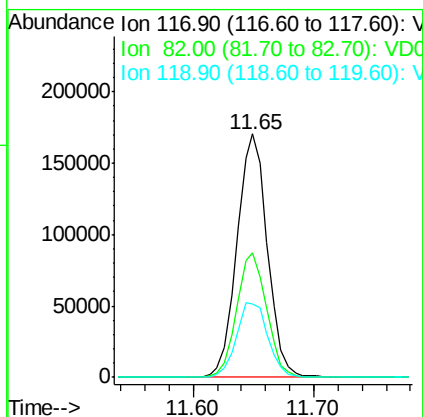
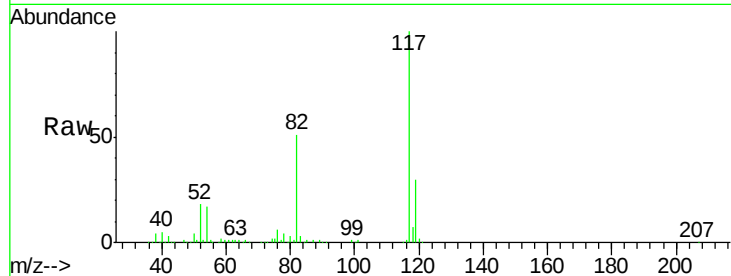




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067864.D
Acq: 03 Dec 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
R-LA-35-1-WC

Tot Ion:117 Resp: 298007
Ion Ratio Lower Upper
117 100
82 51.3 40.6 60.8
119 30.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067864.D
Acq: 03 Dec 2020 13:17

Tgt Ion:152 Resp: 145804
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 155.6 0.0 339.0

