

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066615.D
 Acq On : 10 Sep 2020 14:48
 Operator : VA/SY
 Sample : L3896-01
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Sep 11 02:39:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	293361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	567922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	455722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	125833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231515	65.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.46%	
35) Dibromofluoromethane	7.91	113	210256	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
50) Toluene-d8	10.34	98	658857	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.63	95	159285	35.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.16%	

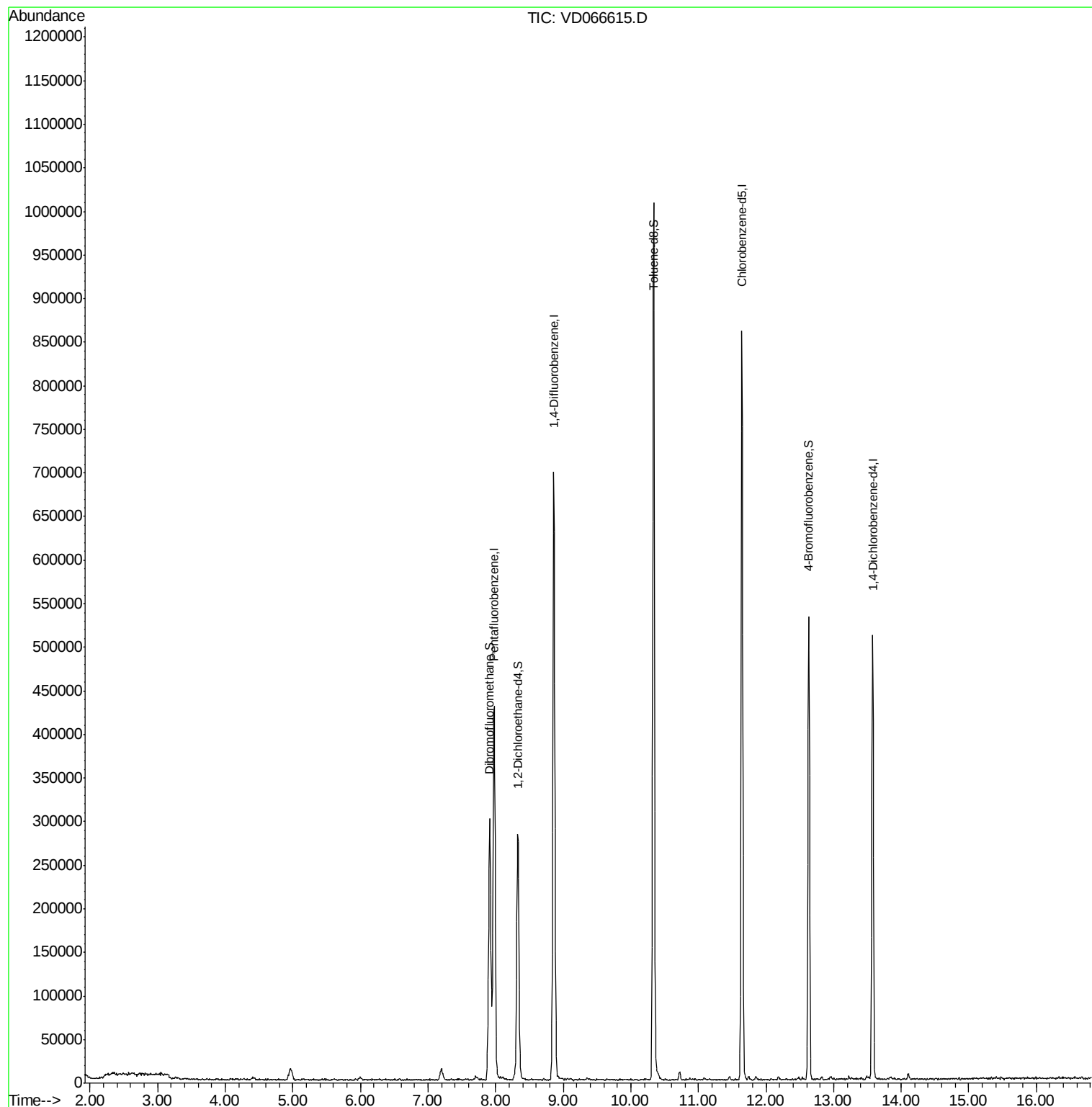
Target Compounds	Qvalue

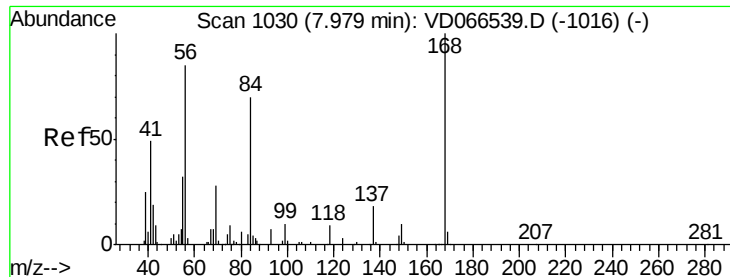
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampled :

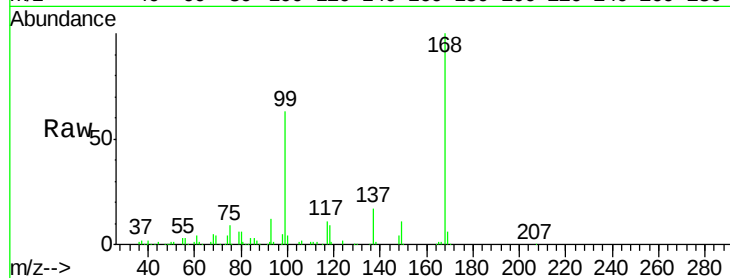
WC-1

Tot Ion:168 Resp: 293361

Ion Ratio Lower Upper

168 100

99 63.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

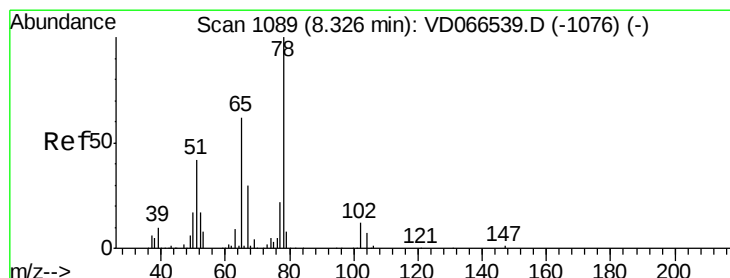
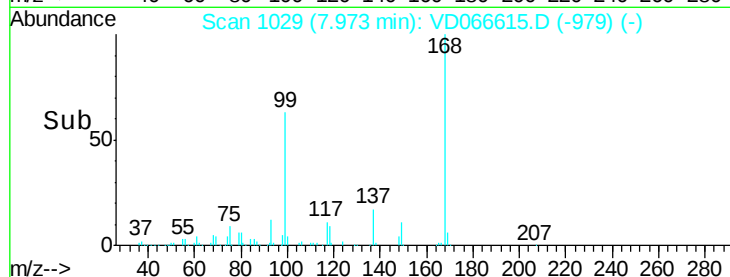
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 65.227 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066615.D

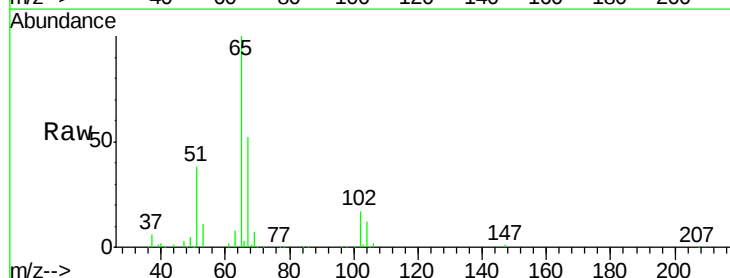
Acq: 10 Sep 2020 14:48

Tgt Ion: 65 Resp: 231515

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

60000

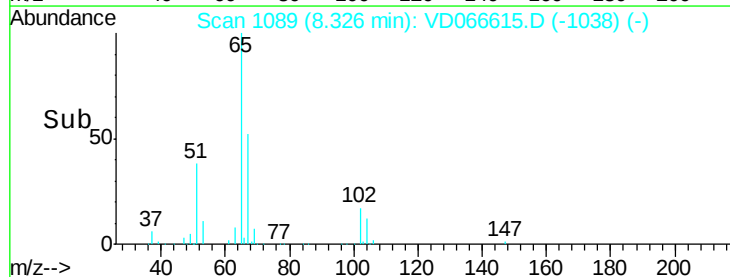
40000

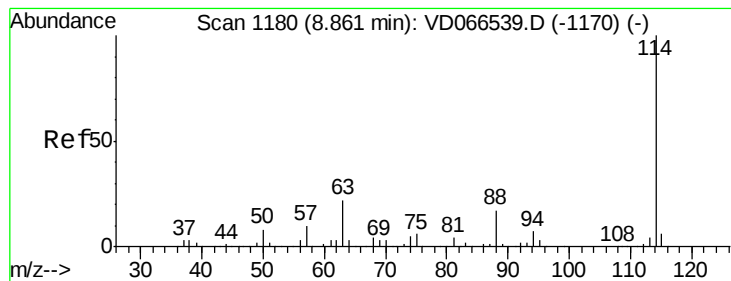
20000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-1

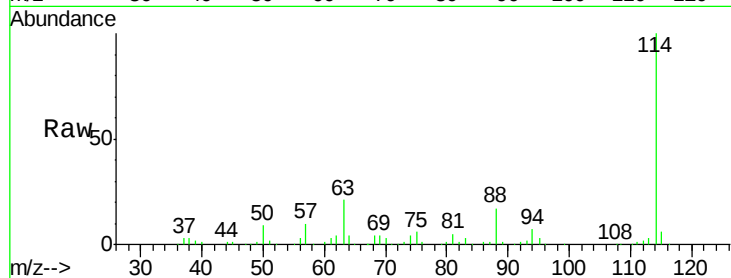
Tot Ion:114 Resp: 567922

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

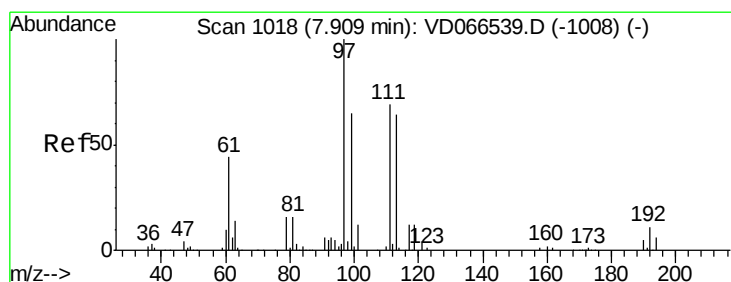
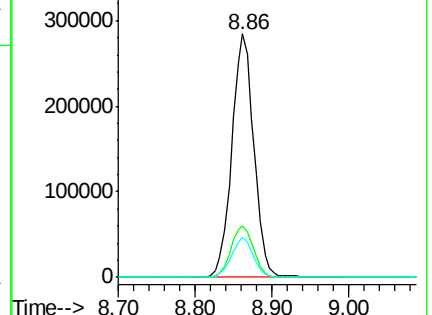
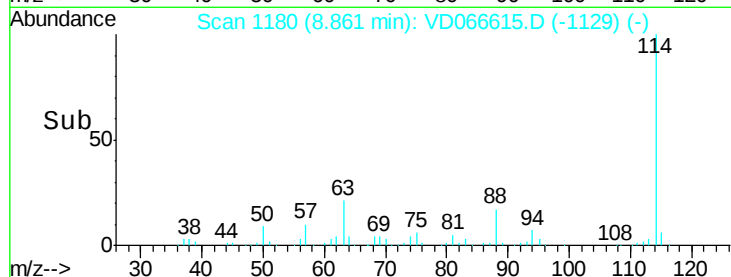
88 16.5 0.0 33.2



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: 54.879 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

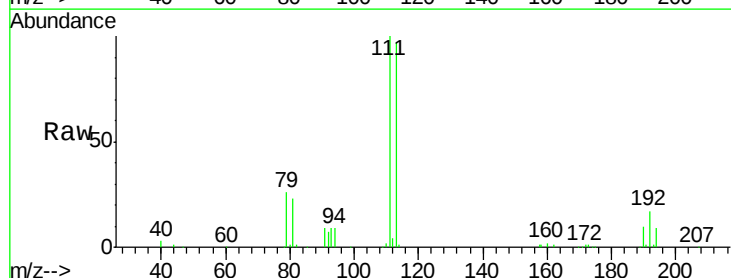
Tgt Ion:113 Resp: 210256

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

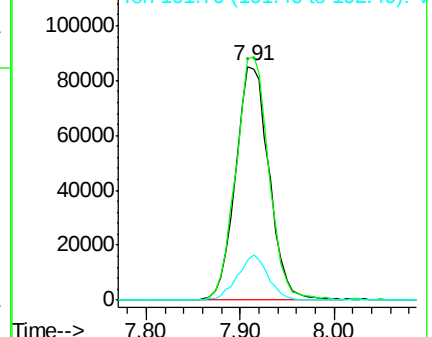
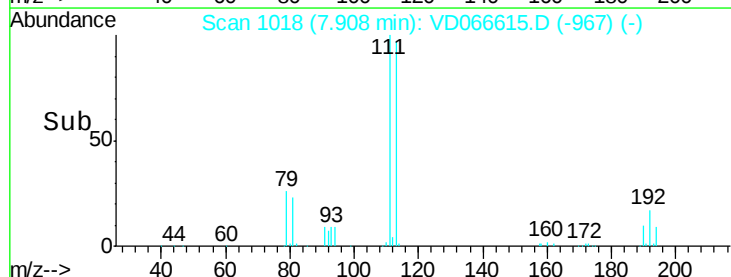
192 17.7 13.7 20.5

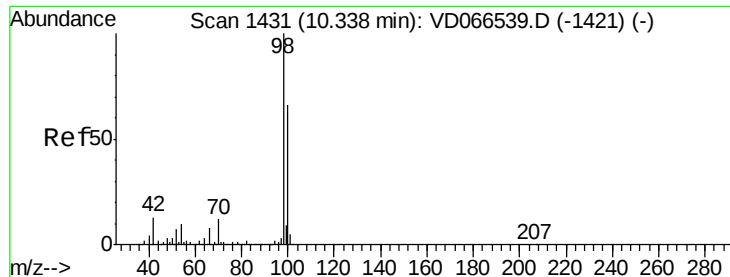


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.115 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampled :

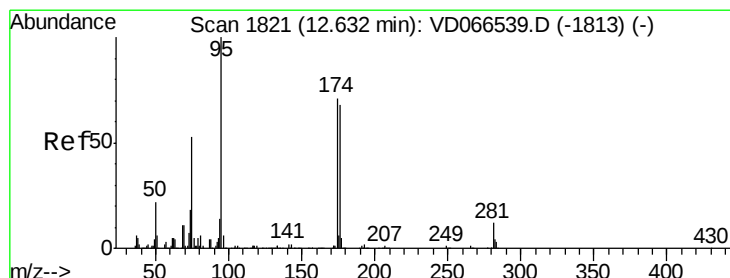
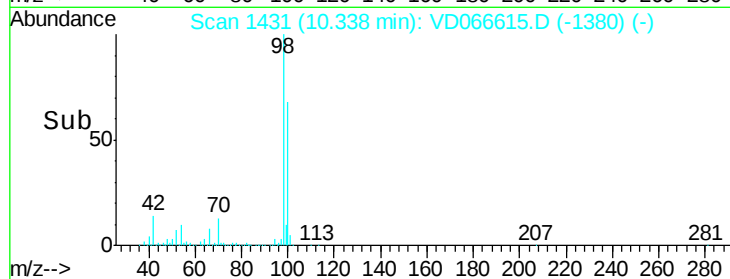
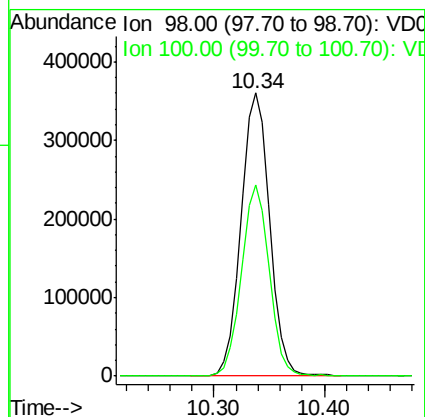
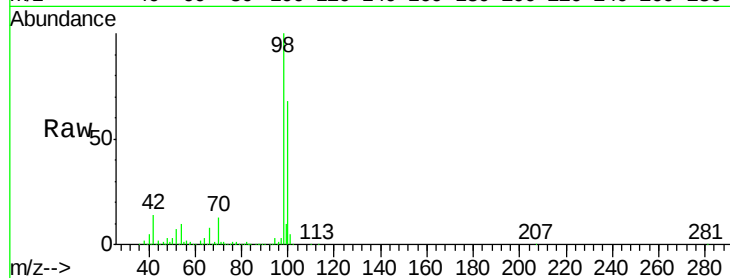
WC-1

Tot Ion: 98 Resp: 658857

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 35.080 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

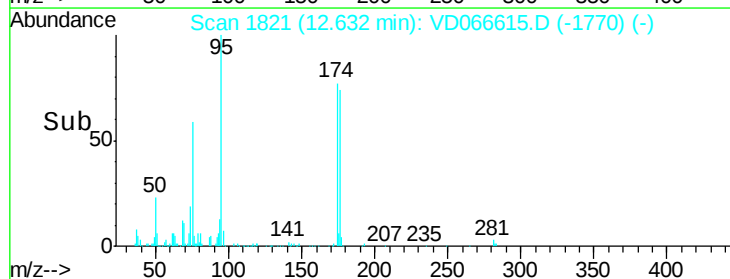
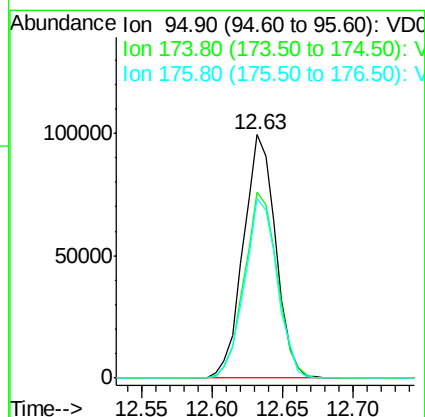
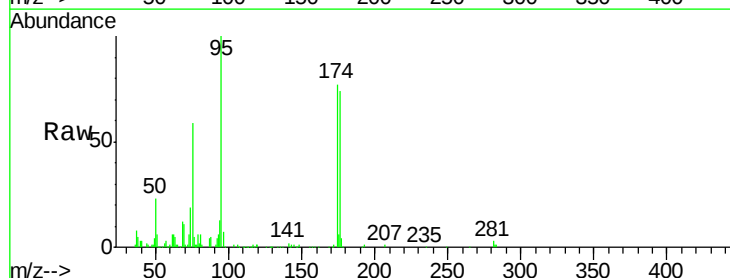
Tgt Ion: 95 Resp: 159285

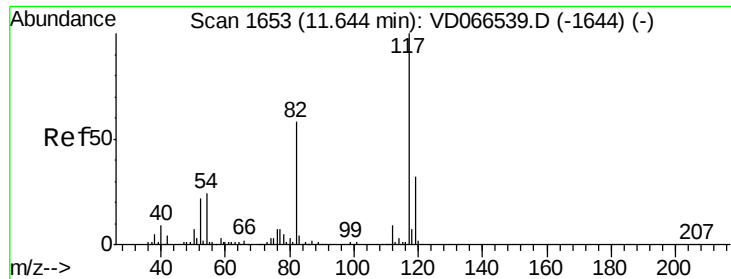
Ion Ratio Lower Upper

95 100

174 77.9 0.0 155.8

176 74.8 0.0 148.6

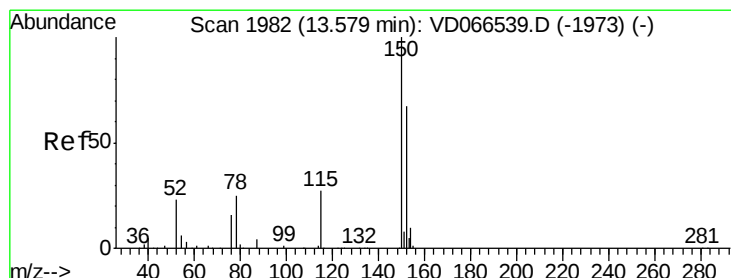
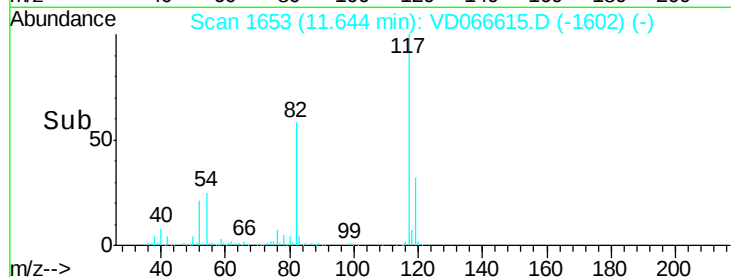
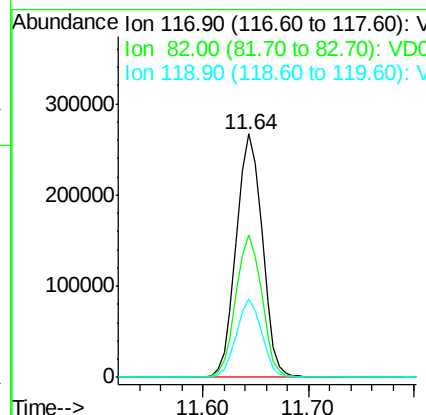
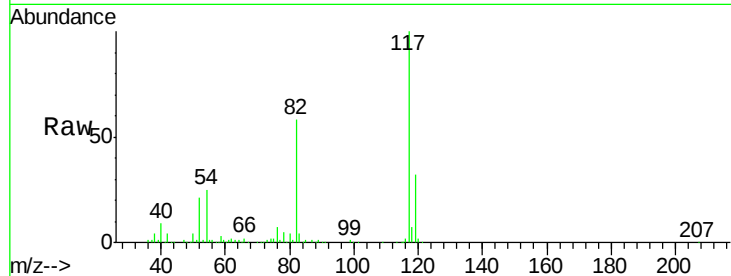




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066615.D
Acq: 10 Sep 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tot Ion:117 Resp: 455722
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.2
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066615.D
Acq: 10 Sep 2020 14:48

Tgt Ion:152 Resp: 125833
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.2
150 156.0 0.0 345.8

