

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065764.D
 Acq On : 26 May 2020 16:12
 Operator : VA/SY
 Sample : L2768-03RE
 Misc : 6.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 371RE

Quant Time: May 27 04:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	285232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	458147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	418548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	141081	61.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.76%	
35) Dibromofluoromethane	7.92	113	143575	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
50) Toluene-d8	10.34	98	555676	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
62) 4-Bromofluorobenzene	12.64	95	180090	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

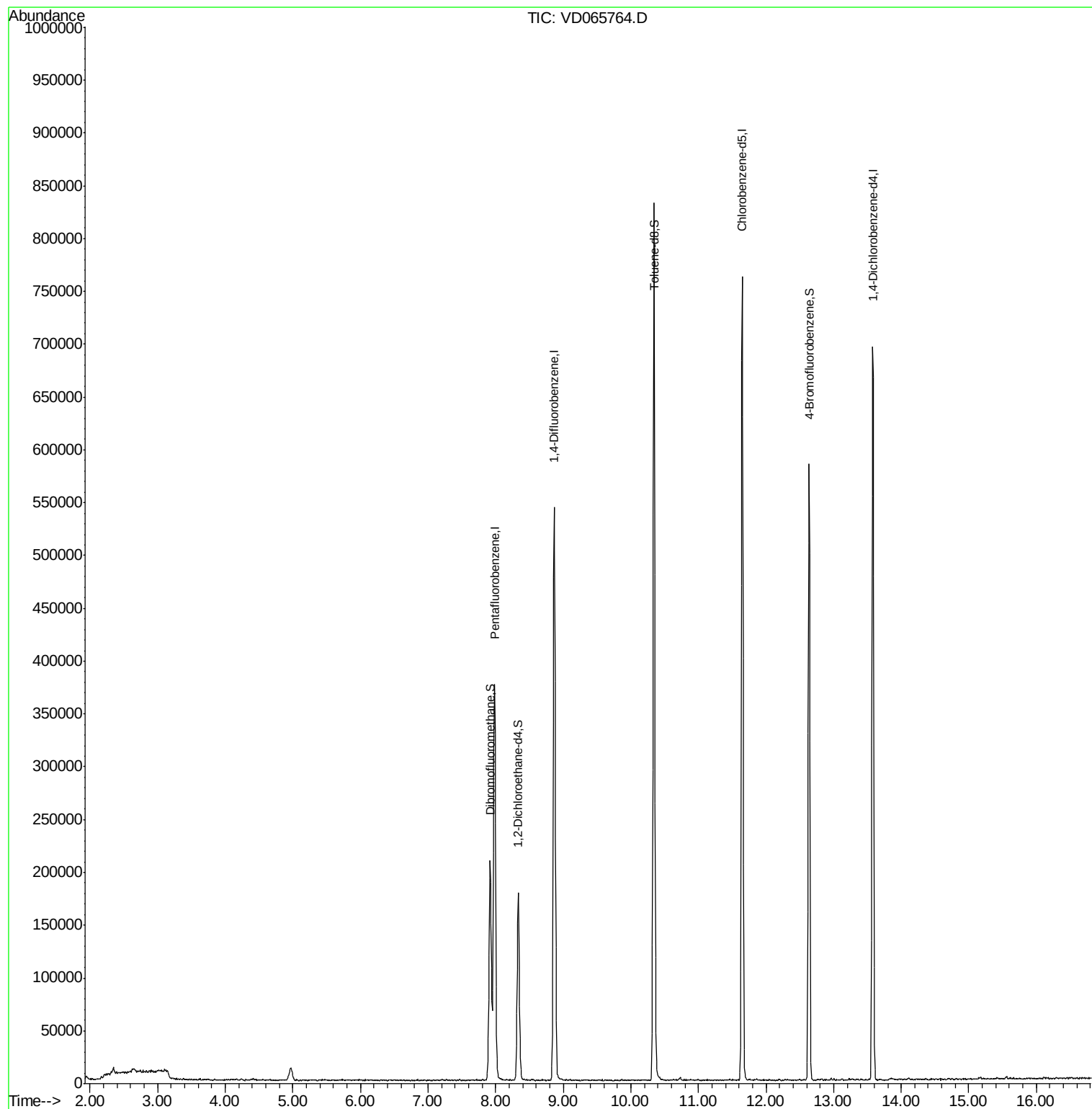
Target Compounds	Qvalue

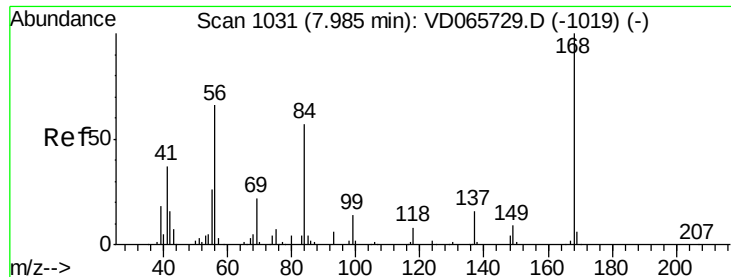
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065764.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

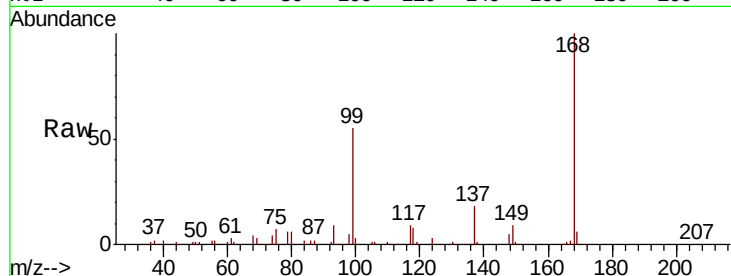
371RE

Tot Ion:168 Resp: 285232

Ion Ratio Lower Upper

168 100

99 55.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

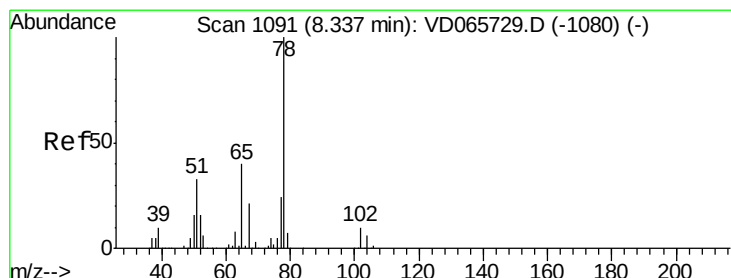
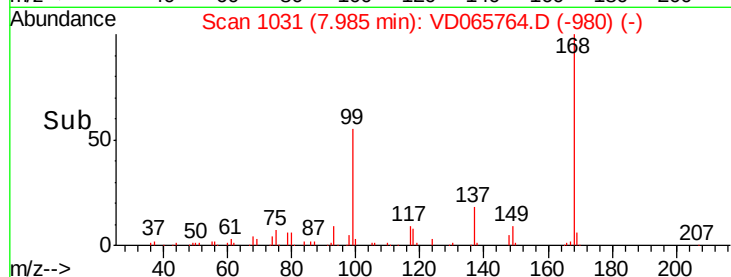
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.378 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065764.D

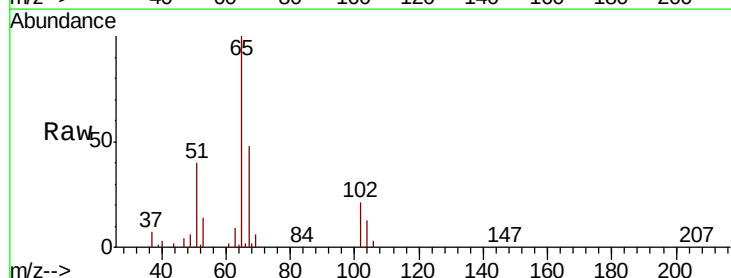
Acq: 26 May 2020 16:12

Tgt Ion: 65 Resp: 141081

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

60000

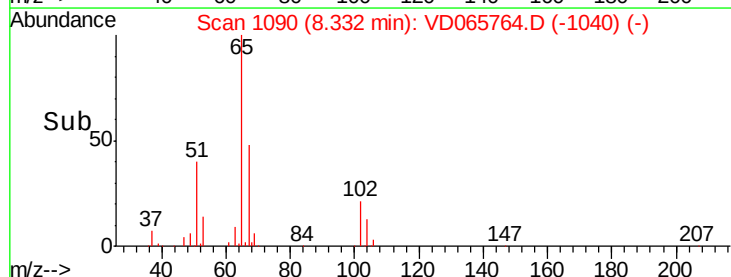
40000

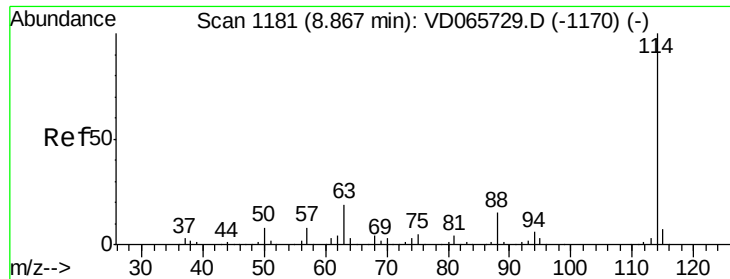
20000

0

8.20 8.30 8.40

Time-->

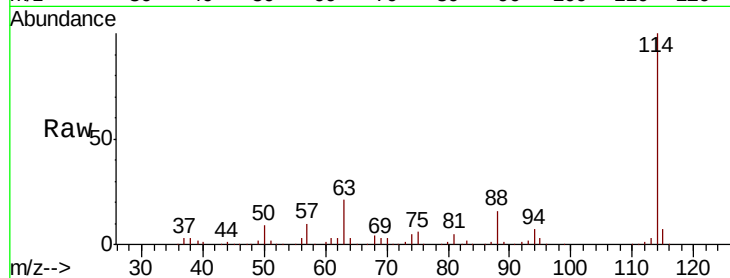




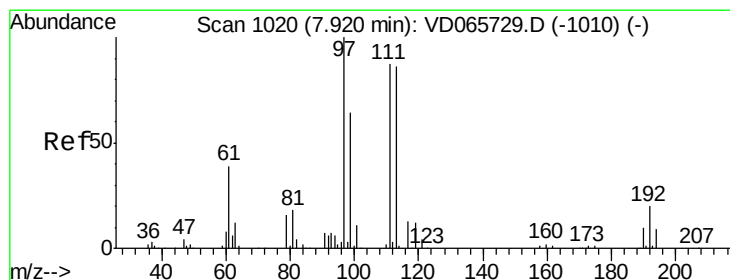
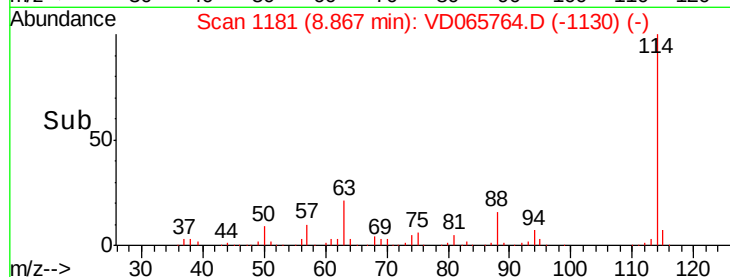
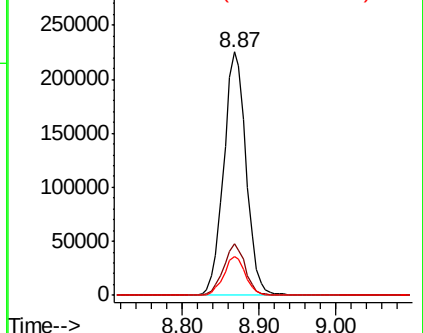
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065764.D
 Acq: 26 May 2020 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 371RE

Tot Ion:114 Resp: 458147
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.2
 88 15.8 0.0 30.2

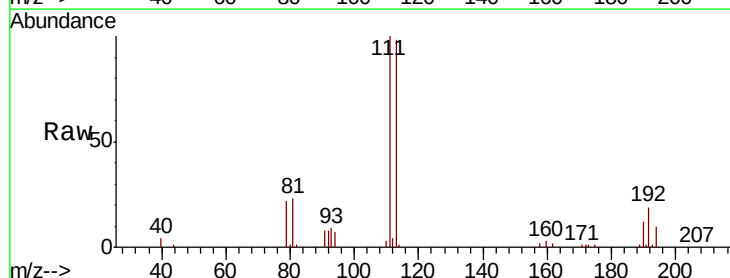


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

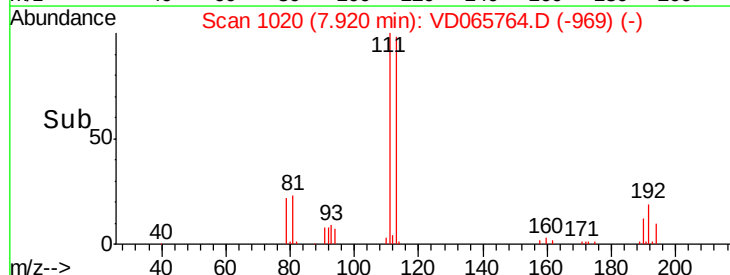
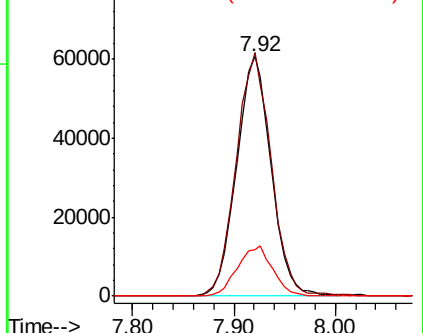


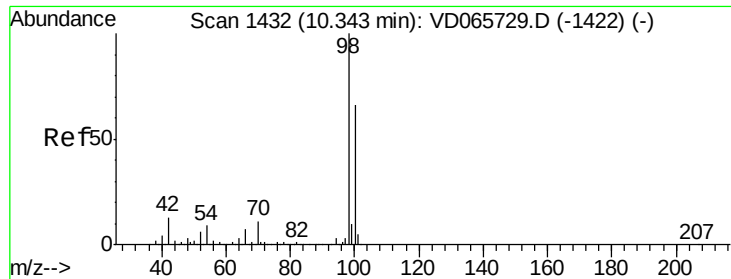
#35
 Dibromofluoromethane
 Concen: 55.316 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065764.D
 Acq: 26 May 2020 16:12

Tgt Ion:113 Resp: 143575
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 21.0 17.6 26.4



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: 56.234 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065764.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

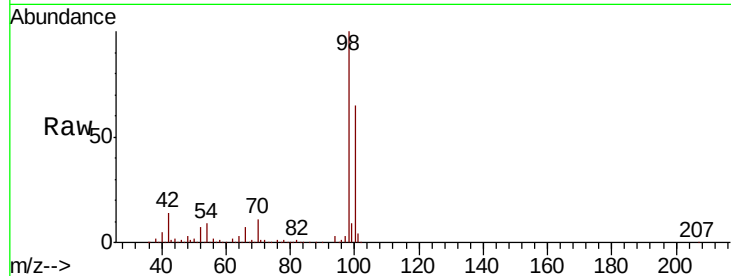
371RE

Tot Ion: 98 Resp: 555676

Ion Ratio Lower Upper

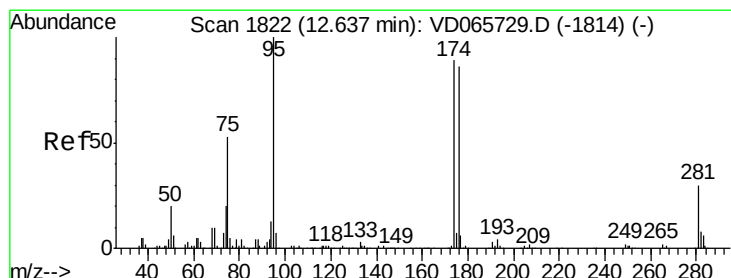
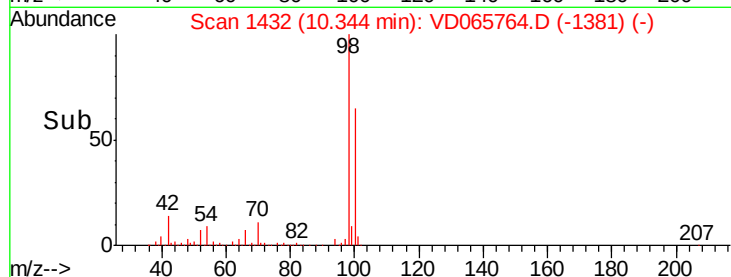
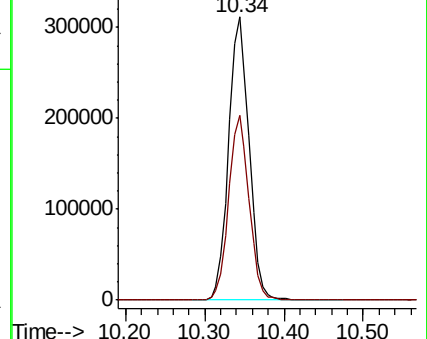
98 100

100 65.1 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.815 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065764.D

Acq: 26 May 2020 16:12

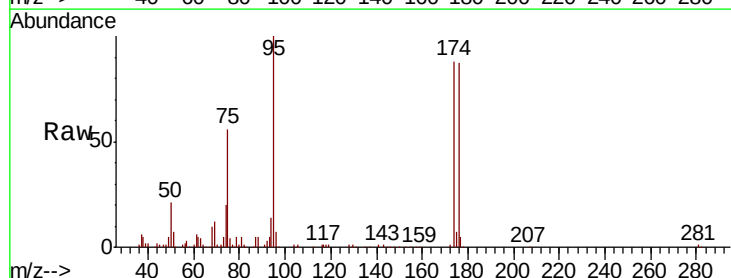
Tgt Ion: 95 Resp: 180090

Ion Ratio Lower Upper

95 100

174 87.8 0.0 179.4

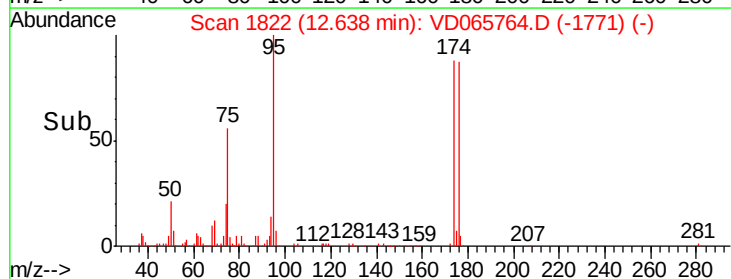
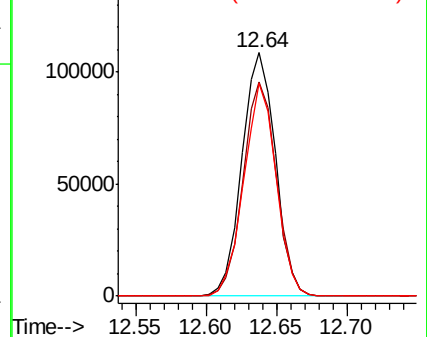
176 84.6 0.0 174.0

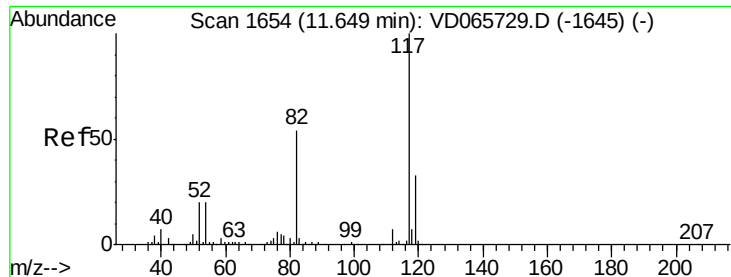


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

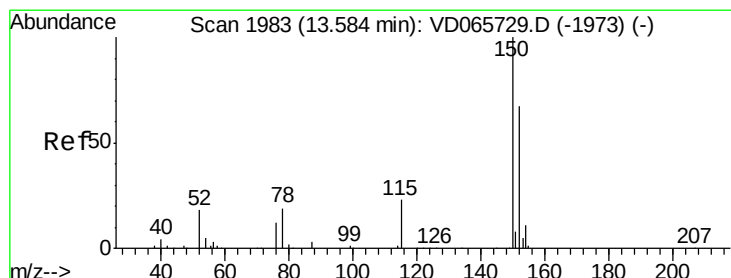
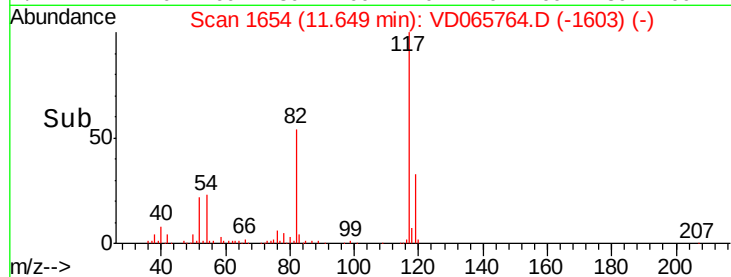
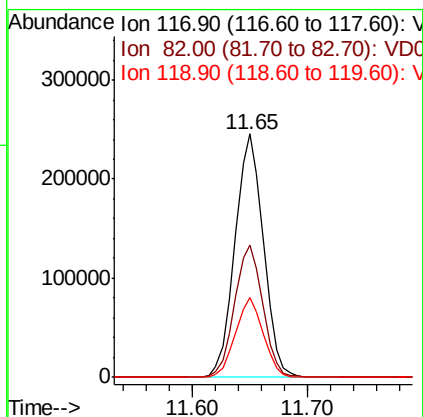
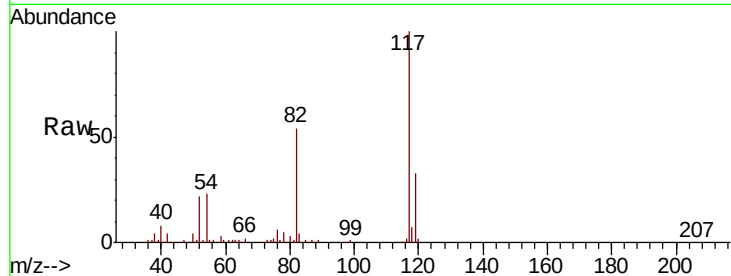




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
371RE

Tot Ion:117 Resp: 418548
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.6
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

Tgt Ion:152 Resp: 186388
Ion Ratio Lower Upper
152 100
115 57.7 28.1 84.3
150 155.9 0.0 343.2

