

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065742.D
 Acq On : 14 May 2020 14:55
 Operator : VA/SY
 Sample : L2646-06
 Misc : 8.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-D2

Quant Time: May 15 06:44:05 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	316976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	480110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	436241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	140372	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	7.92	113	152641	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
50) Toluene-d8	10.34	98	570593	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.64	95	194720	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	

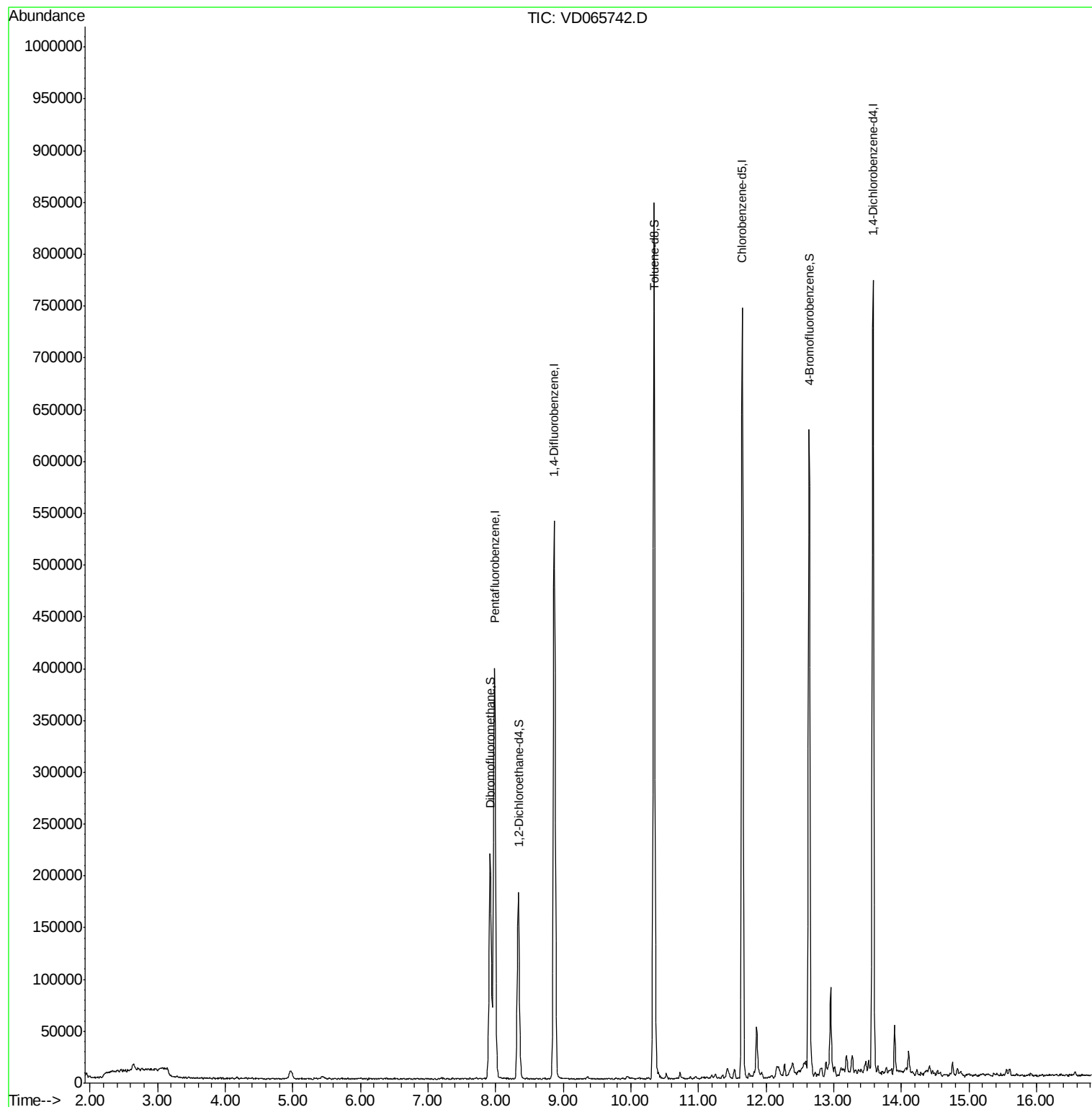
Target Compounds	Qvalue

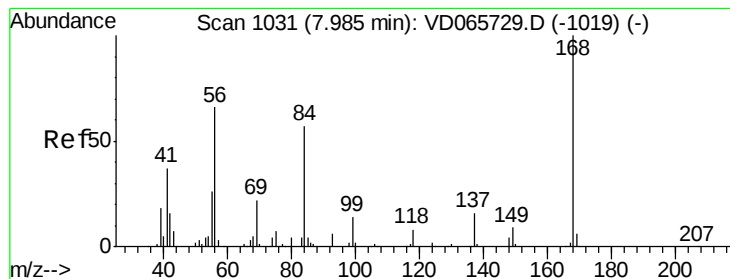
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065742.D

Acq: 14 May 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

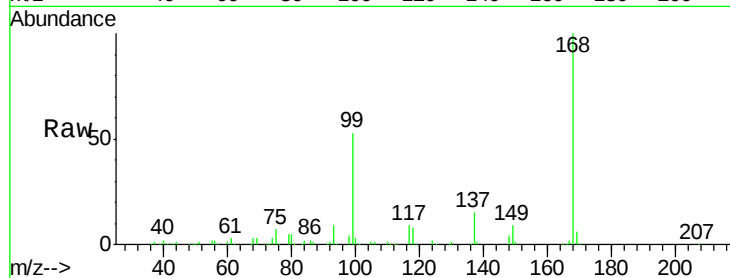
TP-B-D2

Tot Ion:168 Resp: 316976

Ion Ratio Lower Upper

168 100

99 52.5 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

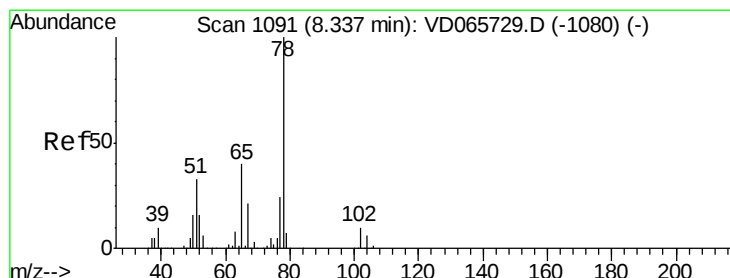
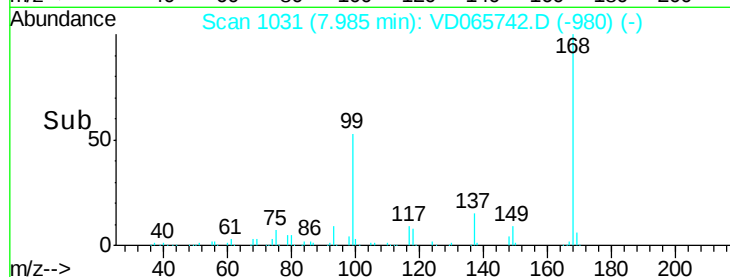
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.954 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065742.D

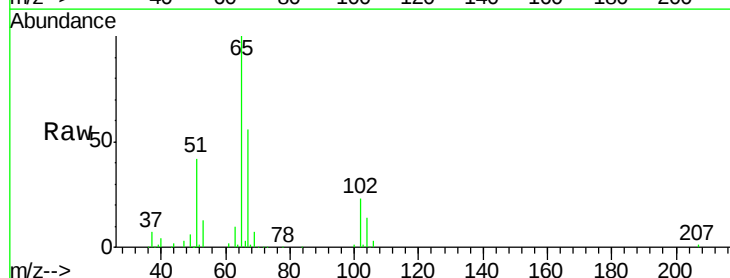
Acq: 14 May 2020 14:55

Tgt Ion: 65 Resp: 140372

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

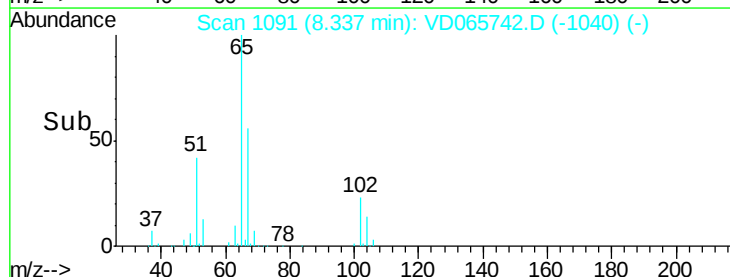
40000

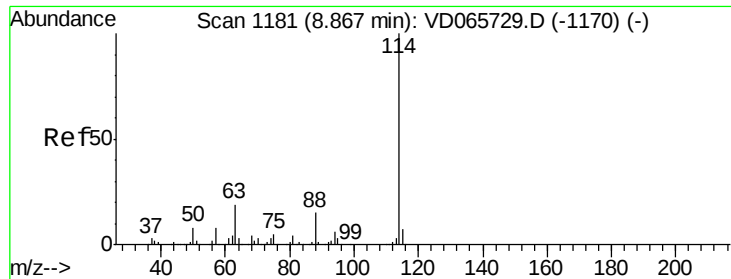
20000

0

8.25 8.30 8.35 8.40

Time-->

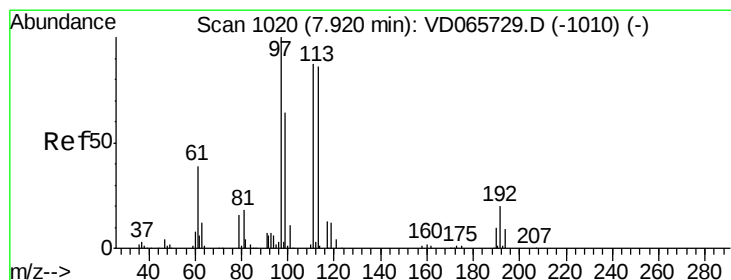
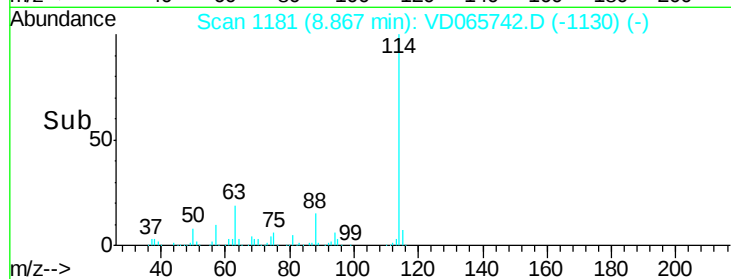
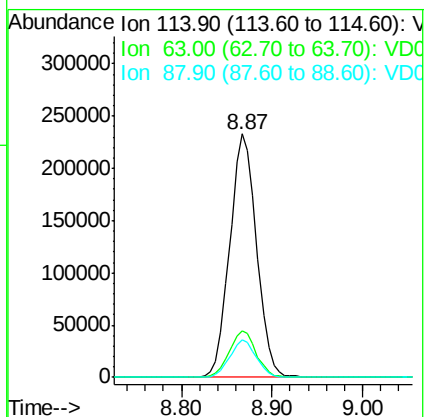
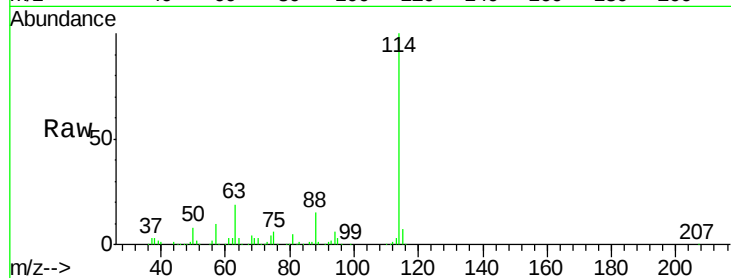




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065742.D
 Acq: 14 May 2020 14:55

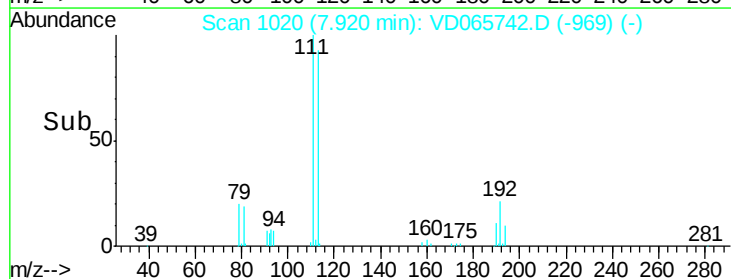
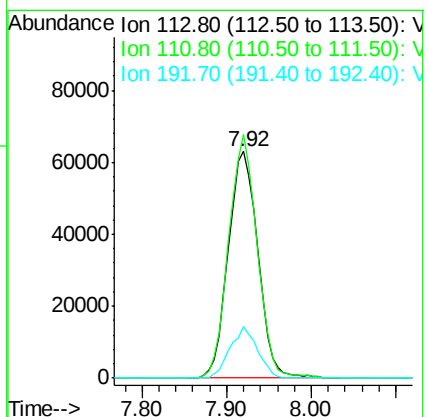
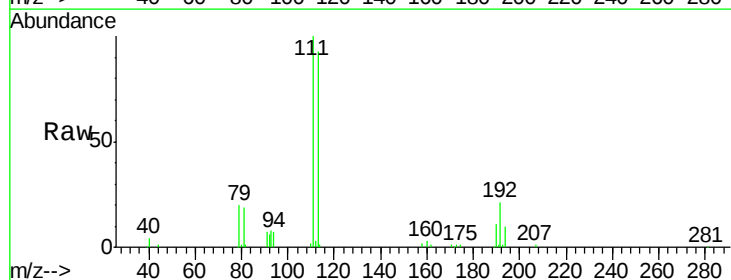
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-D2

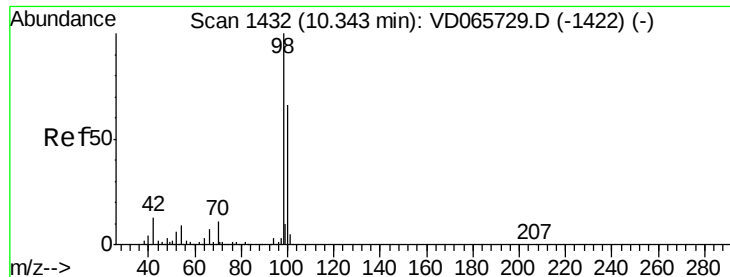
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.2
88	15.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 56.119 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065742.D
 Acq: 14 May 2020 14:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.1	121.7
192	21.0	17.6	26.4





#50

Toluene-d8

Concen: 55.102 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065742.D

Acq: 14 May 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

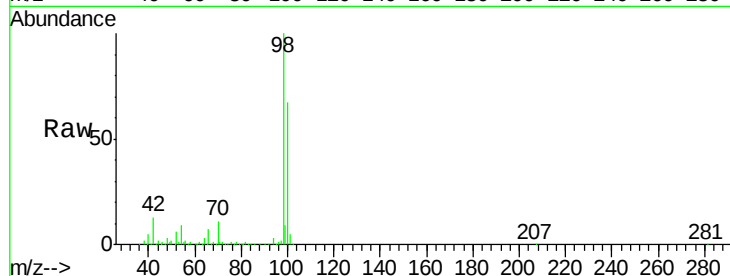
TP-B-D2

Tot Ion: 98 Resp: 570593

Ion Ratio Lower Upper

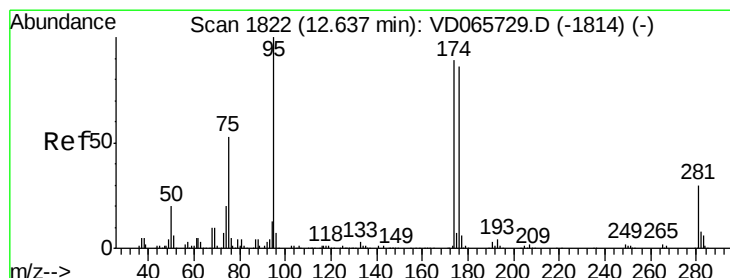
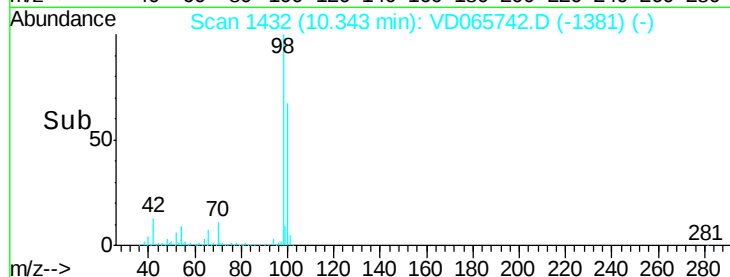
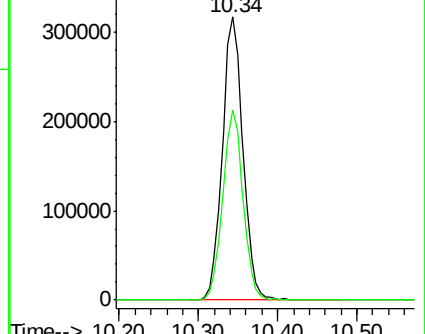
98 100

100 65.9 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: 55.525 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065742.D

Acq: 14 May 2020 14:55

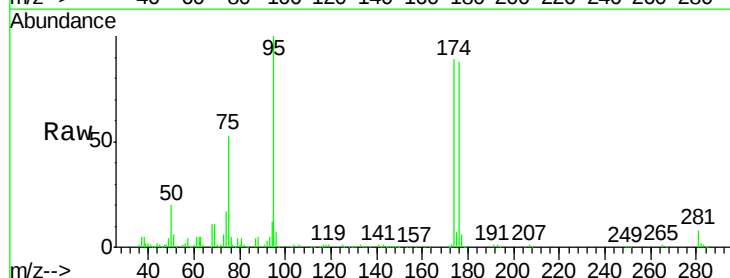
Tgt Ion: 95 Resp: 194720

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.4

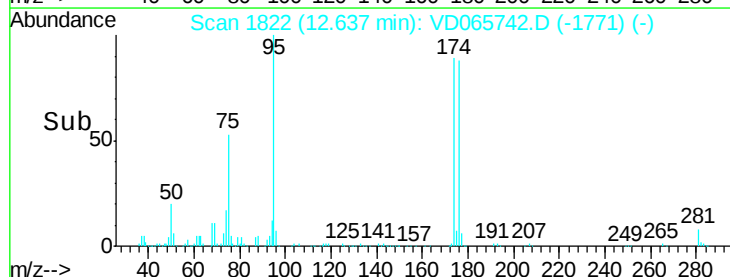
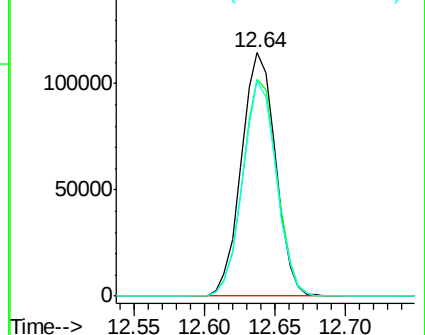
176 86.9 0.0 174.0

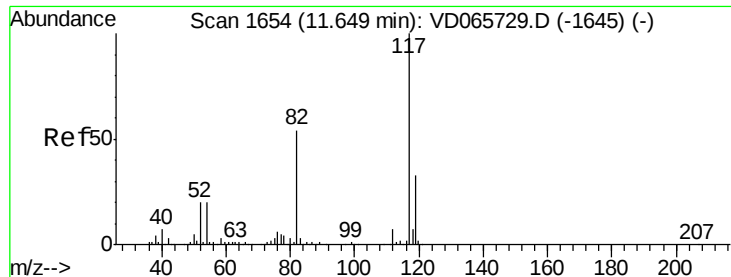


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

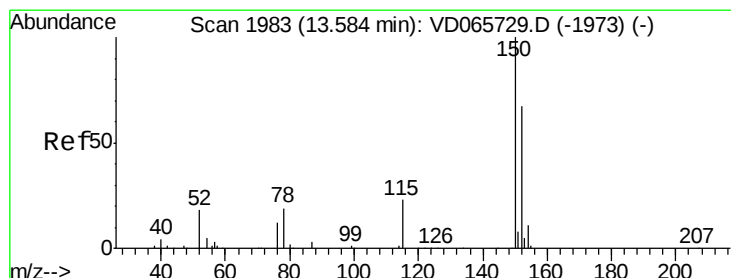
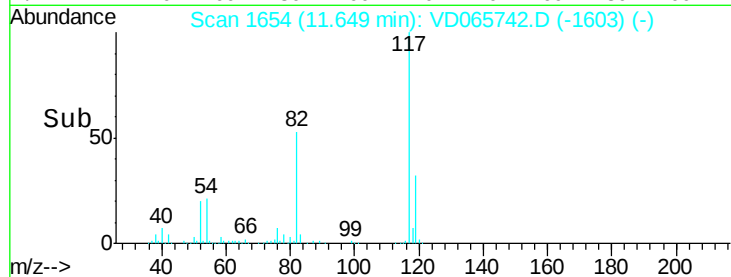
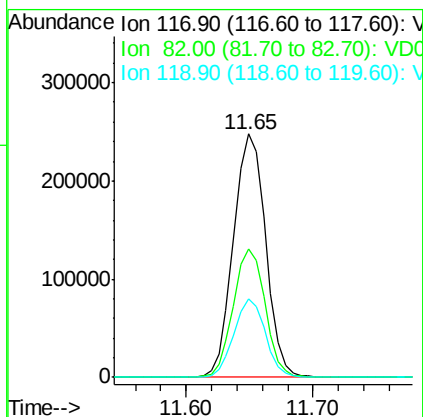
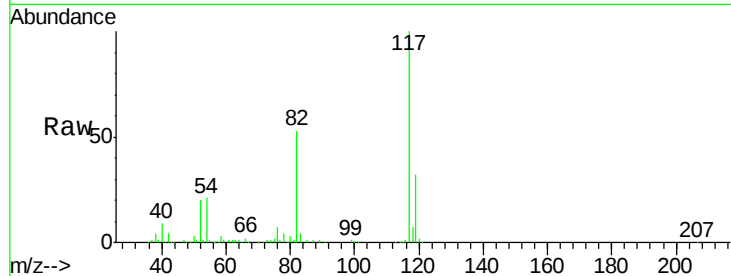




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

Instrument :
MSVOA_D
ClientSampleId :
TP-B-D2

Tot Ion:117 Resp: 436241
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.6
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

Tgt Ion:152 Resp: 209834
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.3
150 155.7 0.0 343.2

