

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065762.D
 Acq On : 26 May 2020 15:17
 Operator : VA/SY
 Sample : L2768-03
 Misc : 7.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 371

Quant Time: May 27 04:23:10 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	301918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	480091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	439893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	204921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	146994	60.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.84%	
35) Dibromofluoromethane	7.92	113	150783	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
50) Toluene-d8	10.34	98	576158	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
62) 4-Bromofluorobenzene	12.64	95	195893	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	

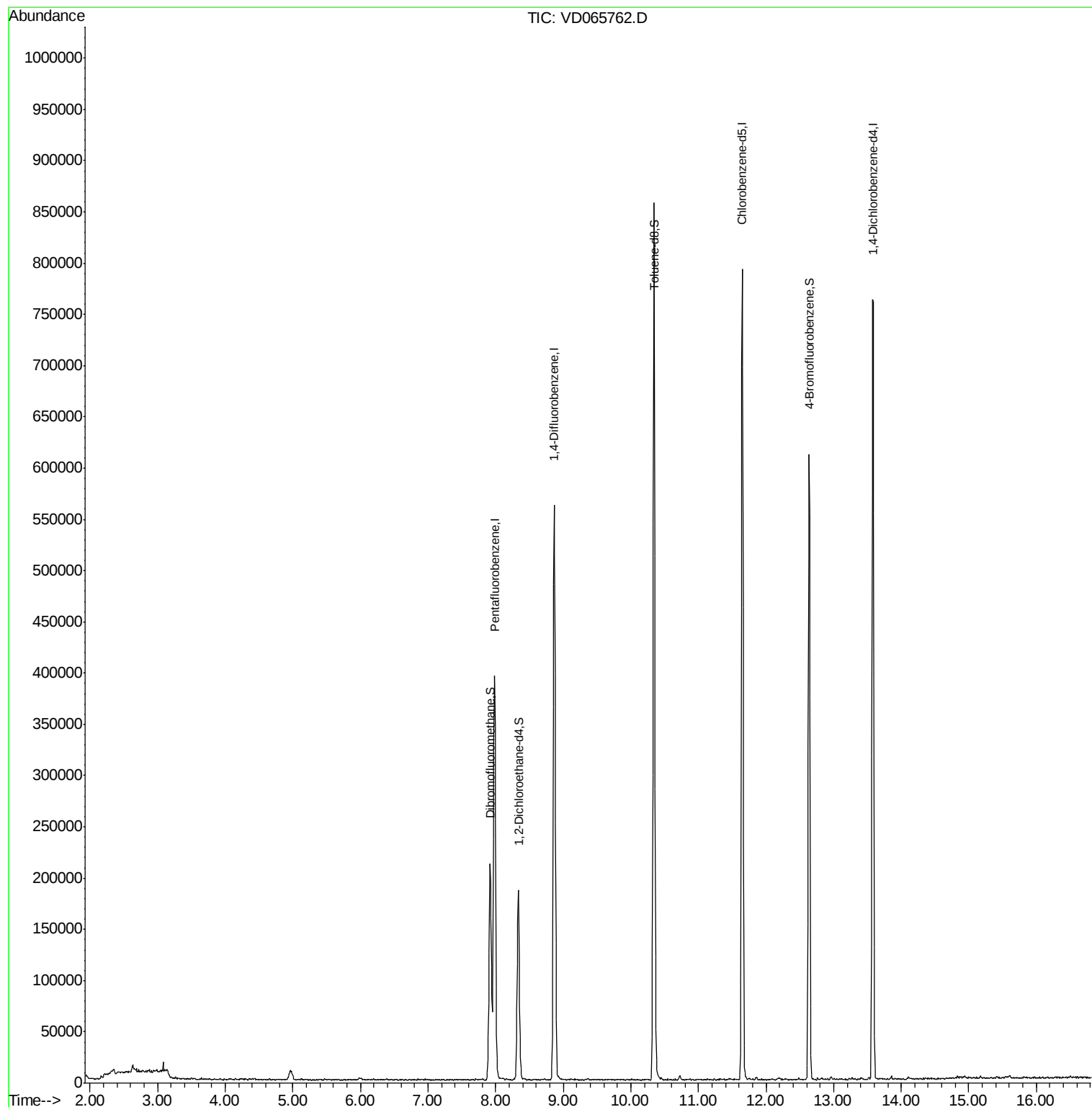
Target Compounds	Qvalue

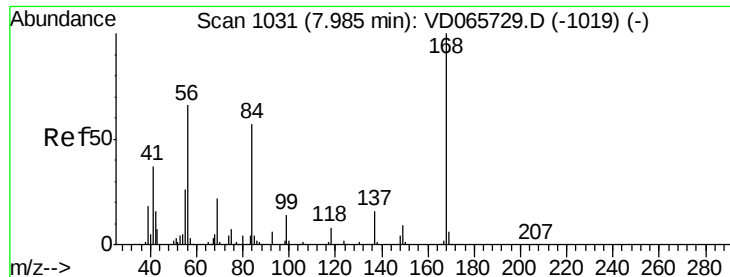
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065762.D

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Instrument :

MSVOA_D

ClientSampleId :

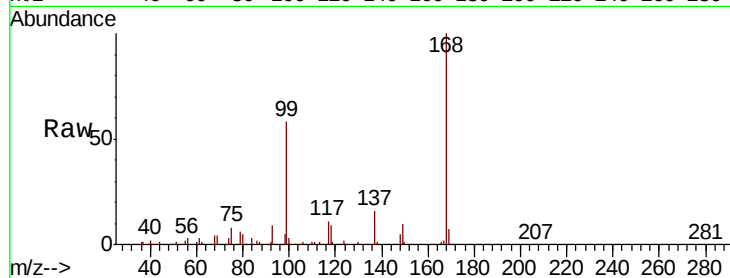
371

Tot Ion:168 Resp: 301918

Ion Ratio Lower Upper

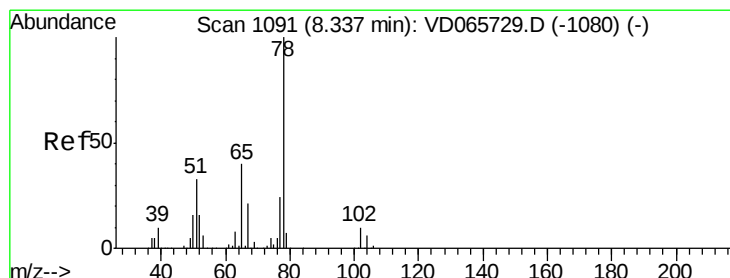
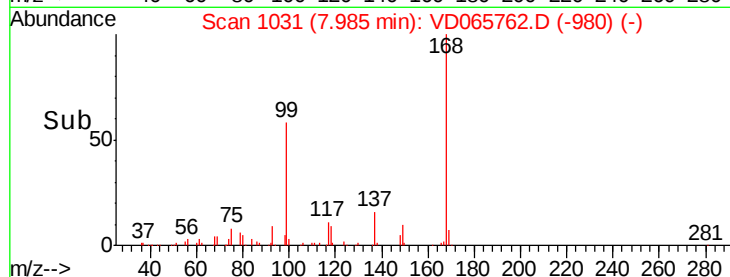
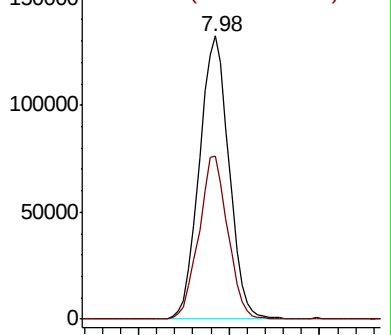
168 100

99 57.6 40.6 60.8



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: 60.416 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065762.D

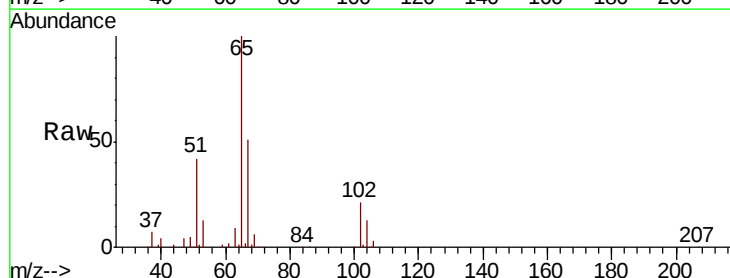
Acq: 26 May 2020 15:17

Tgt Ion: 65 Resp: 146994

Ion Ratio Lower Upper

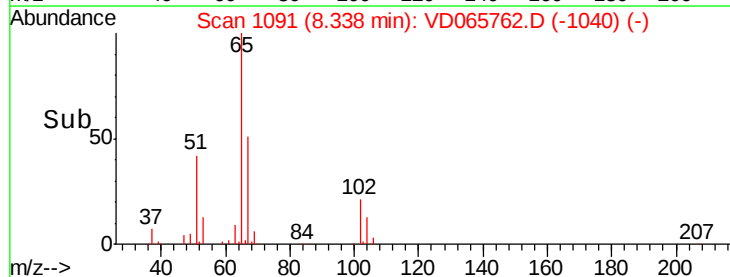
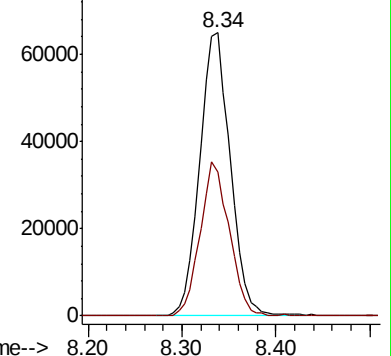
65 100

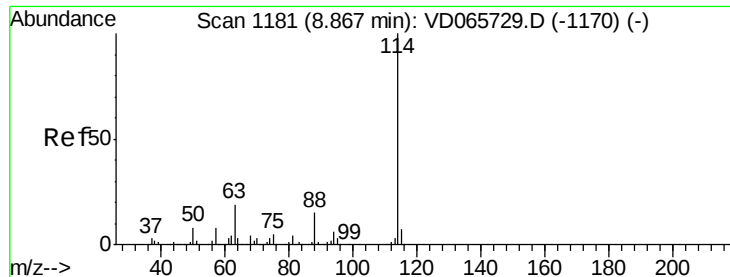
67 51.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

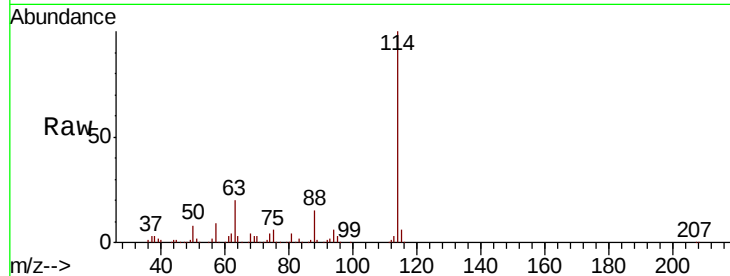




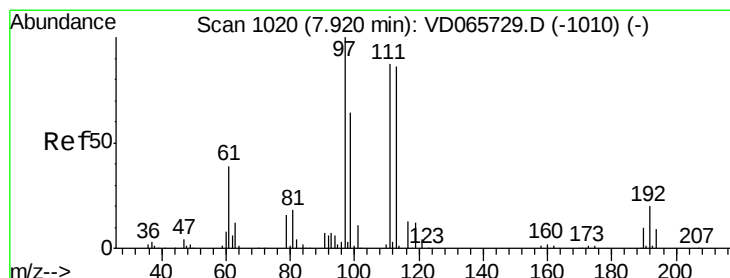
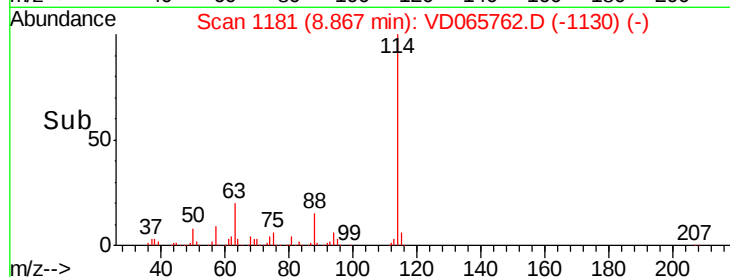
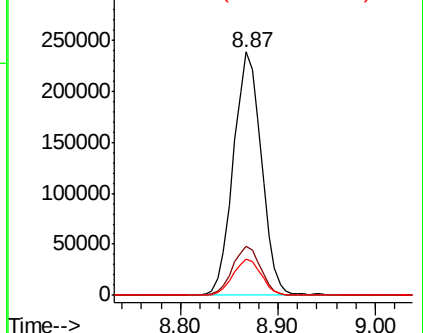
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065762.D
 Acq: 26 May 2020 15:17

Instrument :
 MSVOA_D
 ClientSampleId :
 371

Tot Ion:114 Resp: 480091
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.2
 88 15.0 0.0 30.2

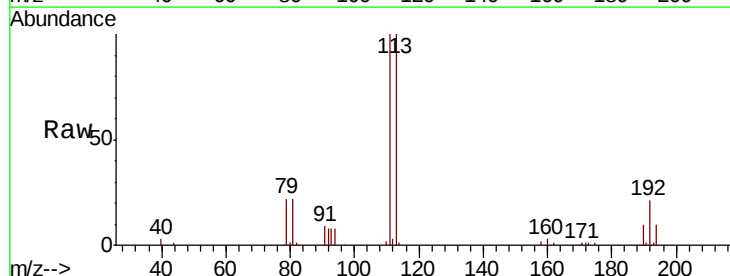


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

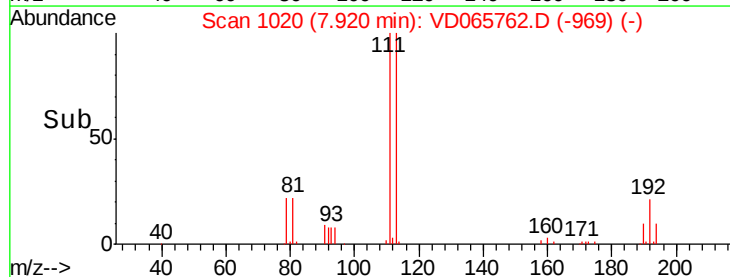
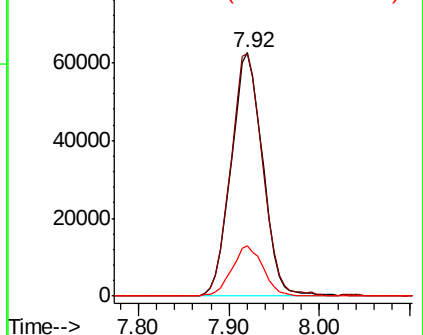


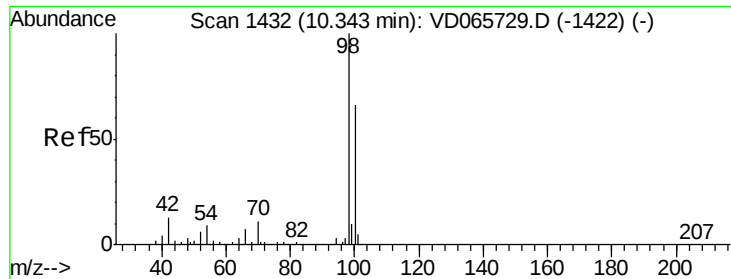
#35
 Dibromofluoromethane
 Concen: 55.438 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065762.D
 Acq: 26 May 2020 15:17

Tgt Ion:113 Resp: 150783
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.1 121.7
 192 20.4 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: 55.642 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065762.D

Acq: 26 May 2020 15:17

Instrument :

MSVOA_D

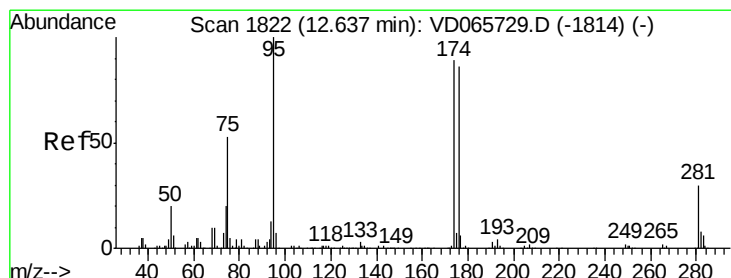
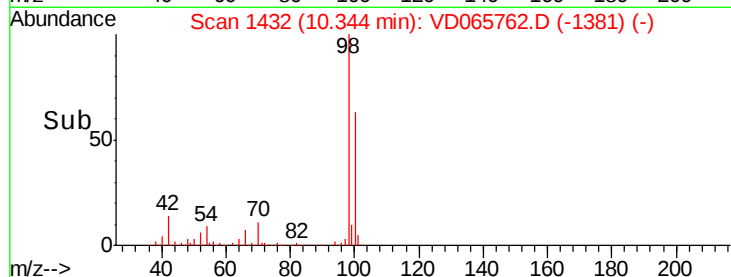
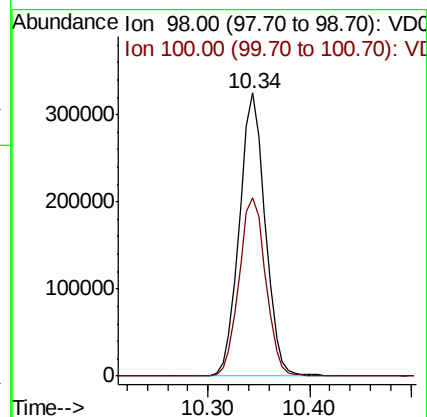
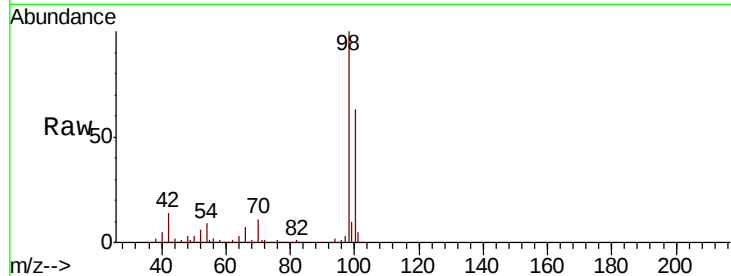
ClientSampleId :
371

Tot Ion: 98 Resp: 576158

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 55.861 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065762.D

Acq: 26 May 2020 15:17

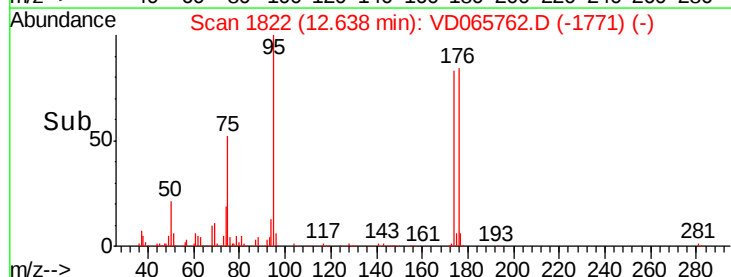
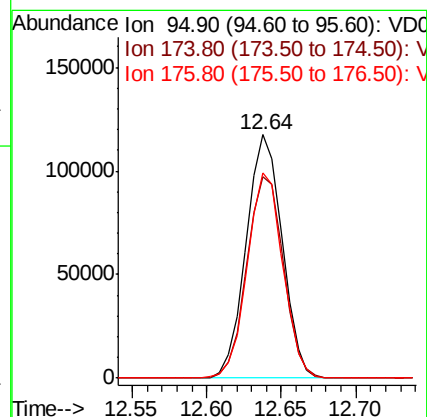
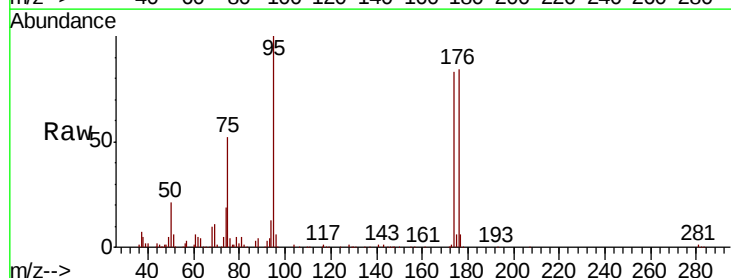
Tgt Ion: 95 Resp: 195893

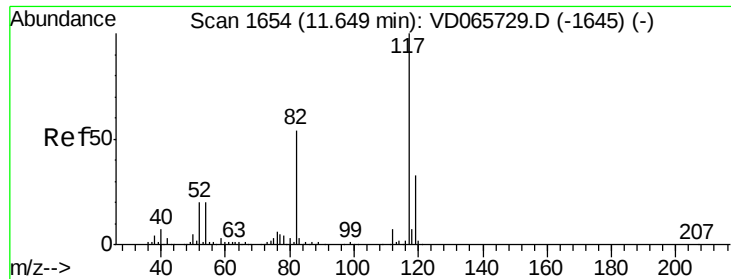
Ion Ratio Lower Upper

95 100

174 84.3 0.0 179.4

176 82.9 0.0 174.0

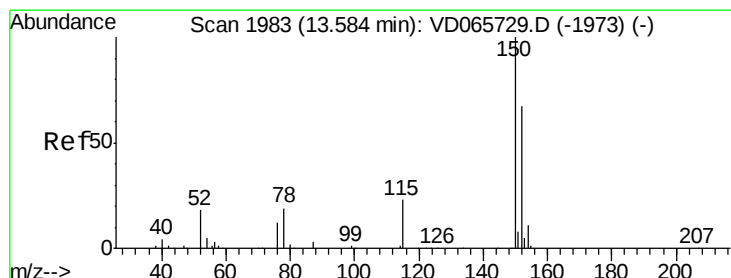
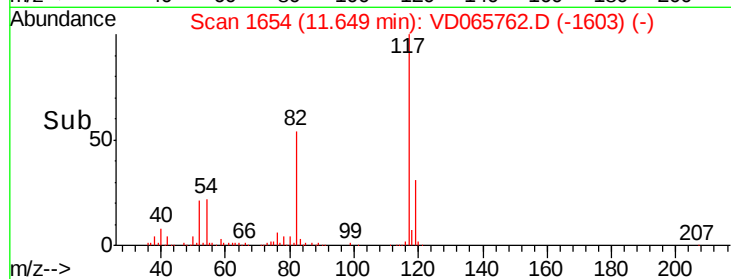
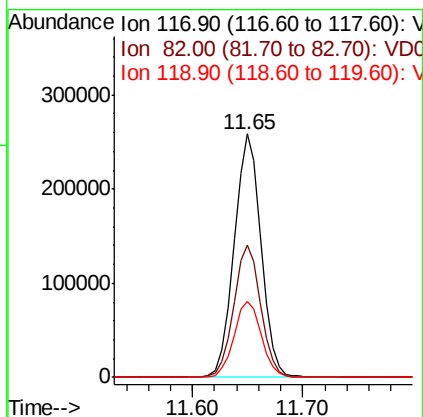
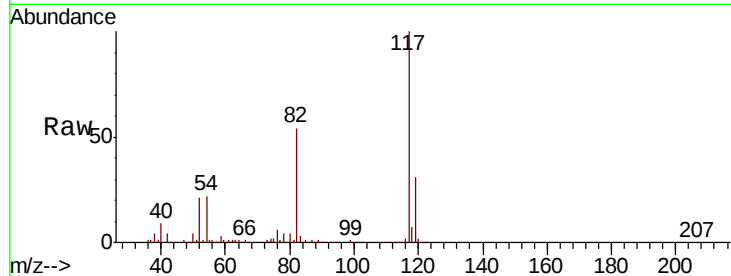




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065762.D
Acq: 26 May 2020 15:17

Instrument :
MSVOA_D
ClientSampleId :
371

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.6
119	31.3	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: VD065762.D
Acq: 26 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.1	84.3
150	158.2	0.0	343.2

