

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065761.D
 Acq On : 26 May 2020 14:50
 Operator : VA/SY
 Sample : L2768-01
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 370

Quant Time: May 27 04:20:10 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	308276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	493176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	449616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	217808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	153674	61.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.72%	
35) Dibromofluoromethane	7.92	113	153267	54.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.72%	
50) Toluene-d8	10.34	98	587335	55.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.64	95	202046	56.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.18%	

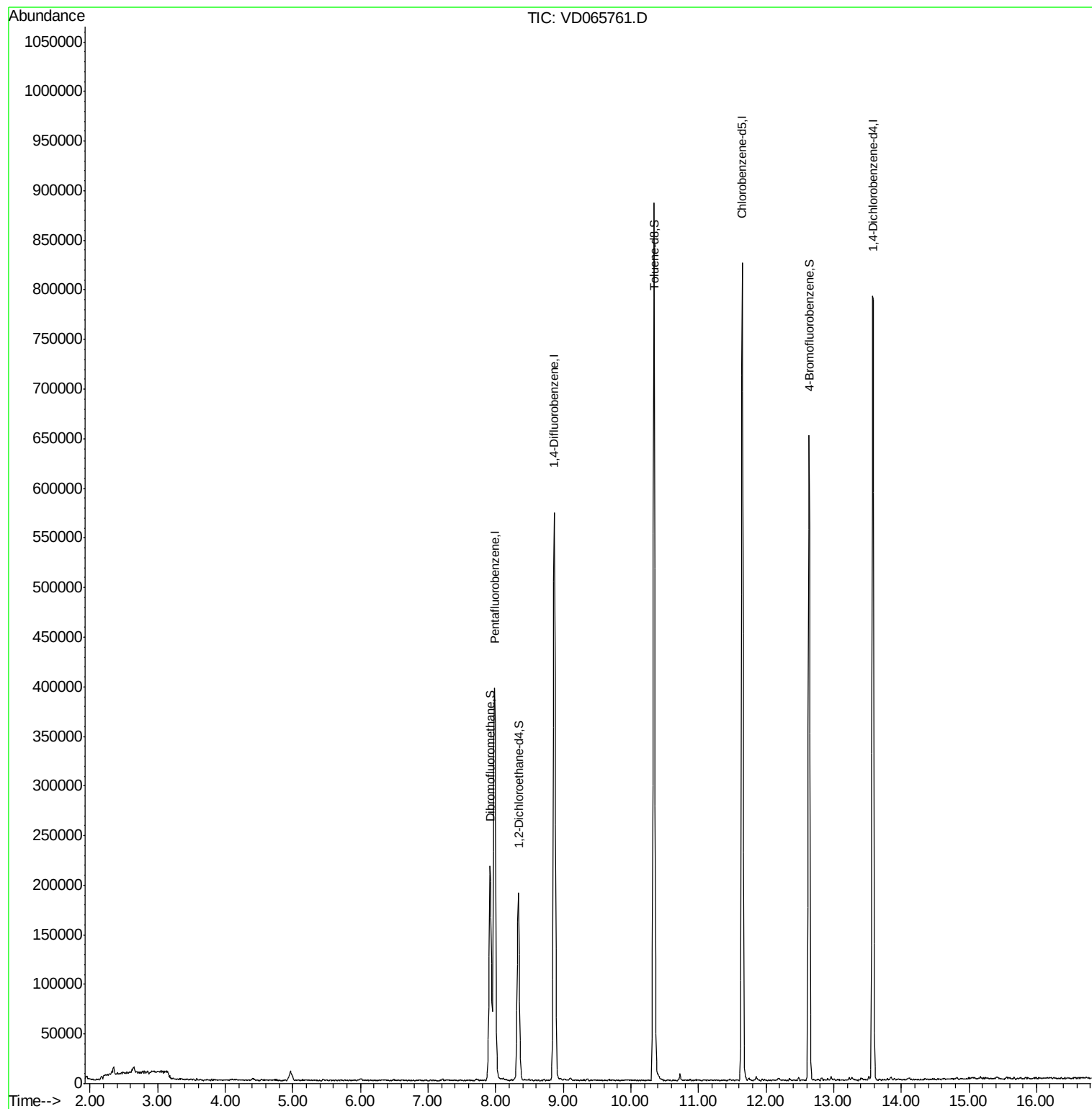
Target Compounds	Qvalue
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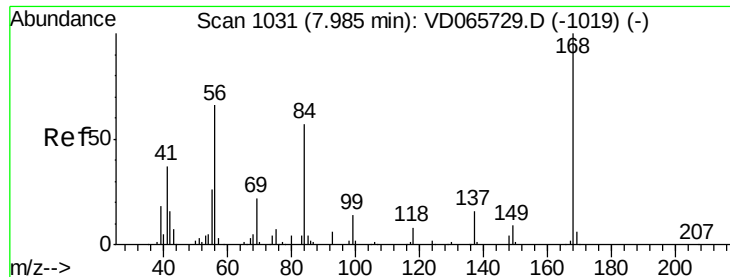
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065761.D

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Instrument :

MSVOA_D

ClientSampleId :

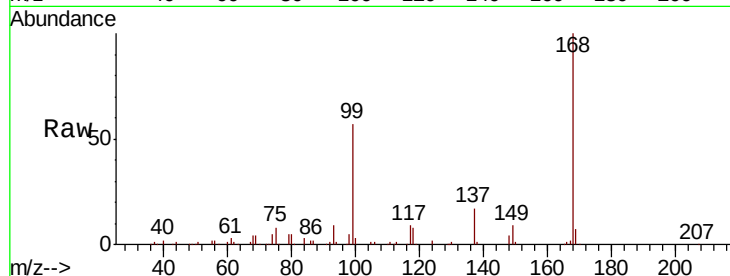
370

Tot Ion:168 Resp: 308276

Ion Ratio Lower Upper

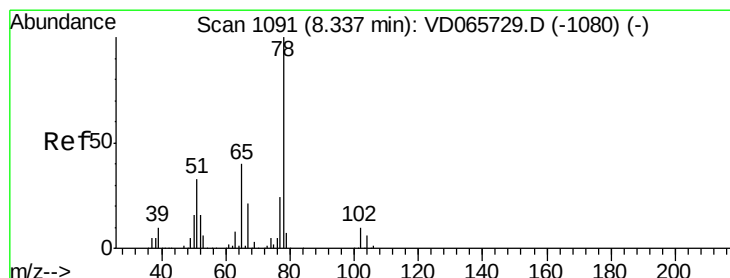
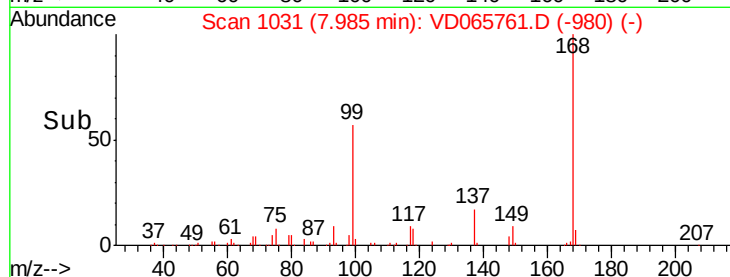
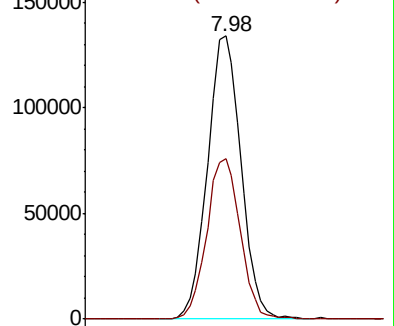
168 100

99 56.7 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: 61.859 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065761.D

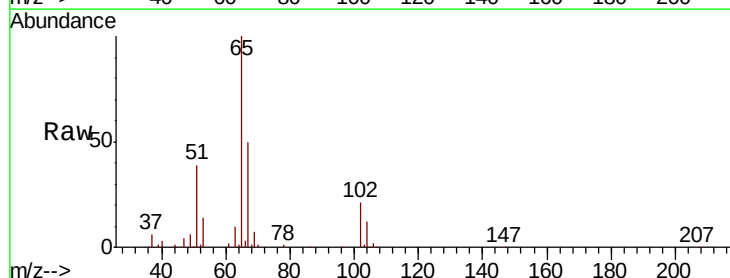
Acq: 26 May 2020 14:50

Tgt Ion: 65 Resp: 153674

Ion Ratio Lower Upper

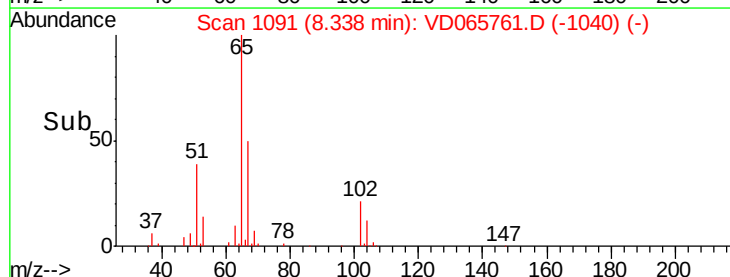
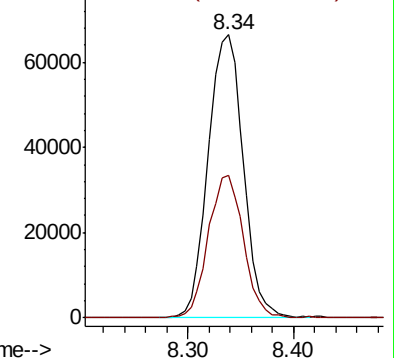
65 100

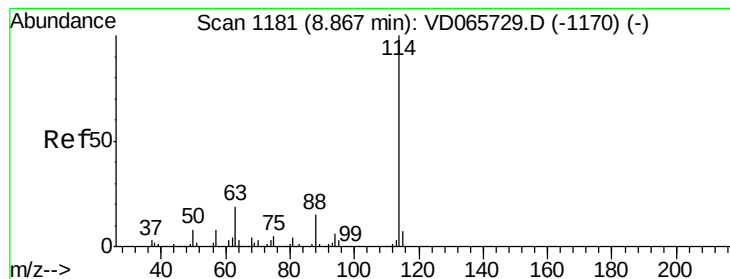
67 50.3 0.0 106.2



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: VD065761.D

Acq: 26 May 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

370

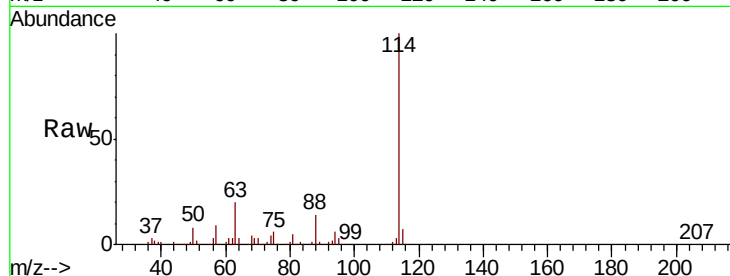
Tot Ion:114 Resp: 493176

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.2

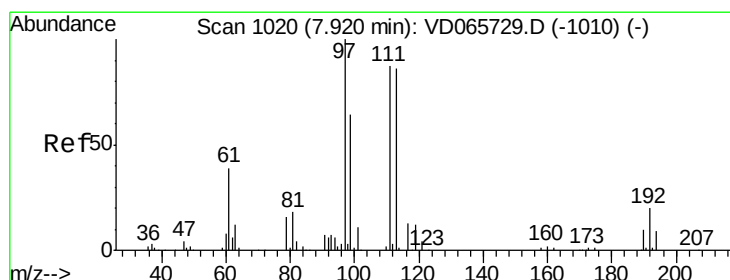
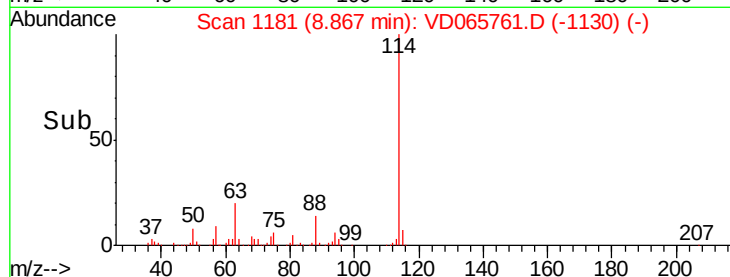
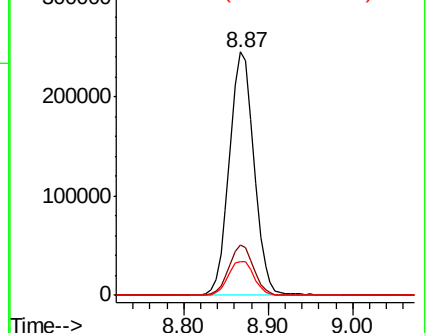
88 14.0 0.0 30.2



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: 54.856 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065761.D

Acq: 26 May 2020 14:50

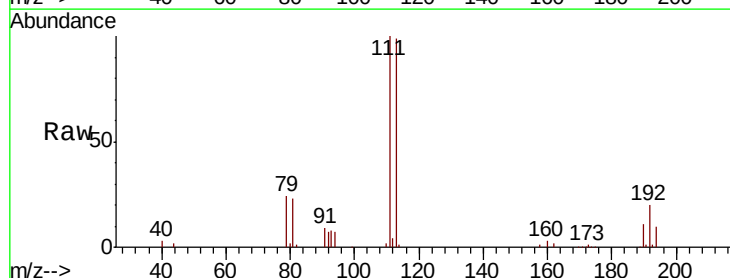
Tgt Ion:113 Resp: 153267

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

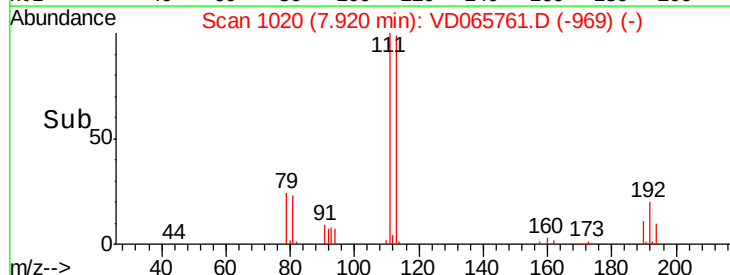
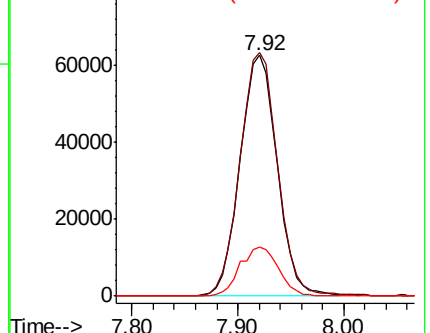
192 21.0 17.6 26.4

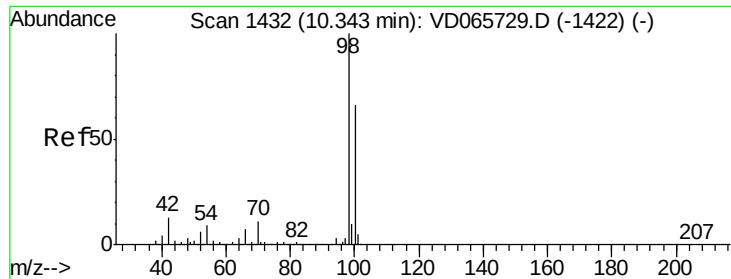


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

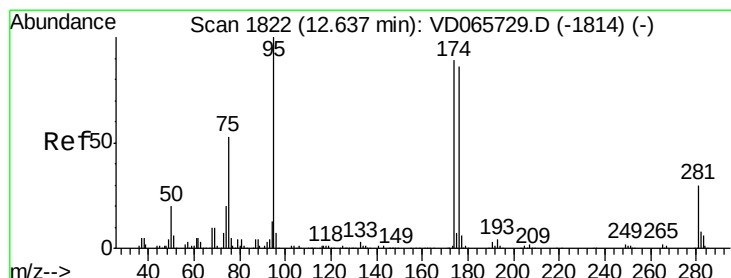
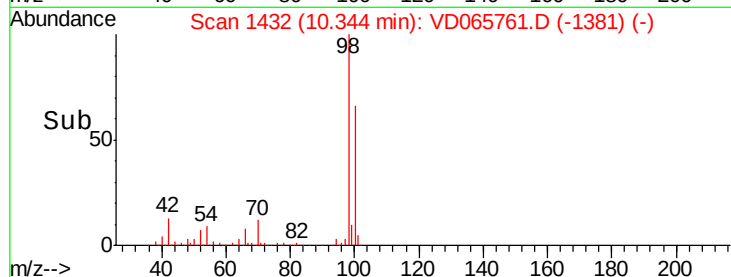
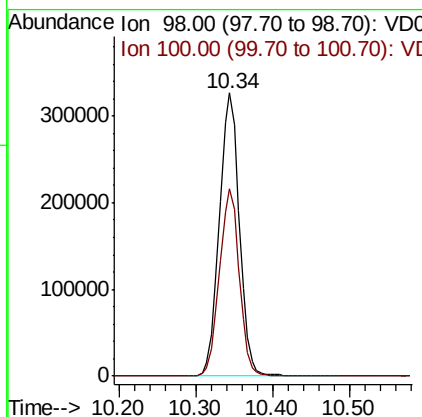
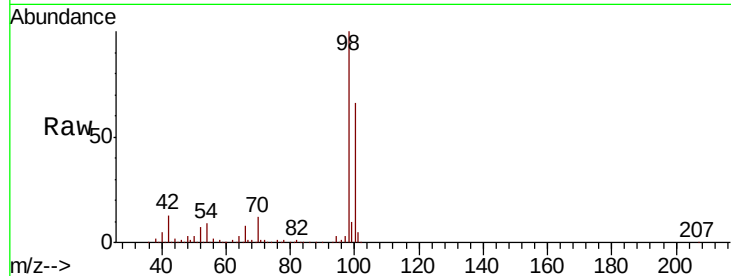




#50
Toluene-d8
Concen: 55.216 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065761.D
Acq: 26 May 2020 14:50

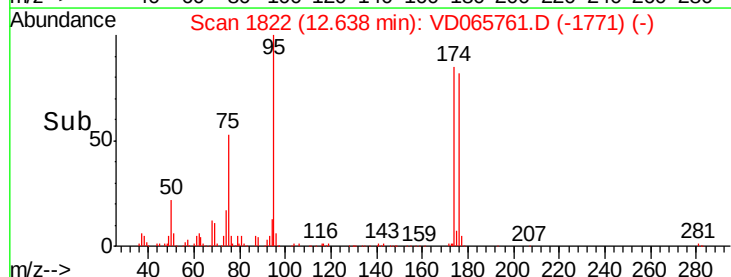
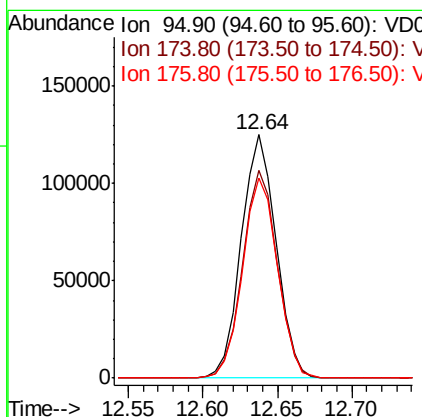
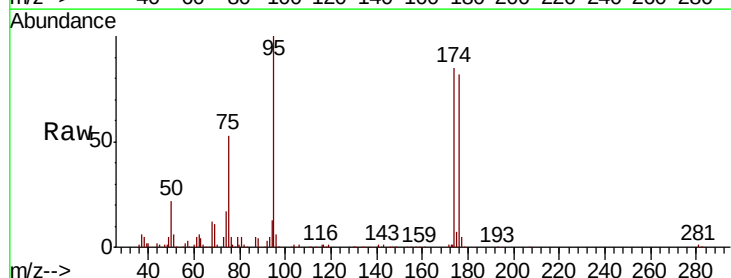
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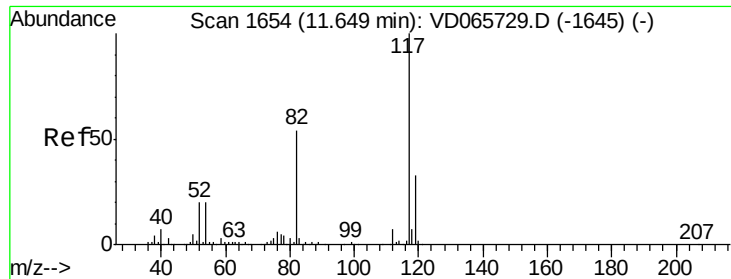
Tot Ion: 98 Resp: 587335
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.087 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065761.D
Acq: 26 May 2020 14:50

Tgt Ion: 95 Resp: 202046
Ion Ratio Lower Upper
95 100
174 84.9 0.0 179.4
176 82.7 0.0 174.0

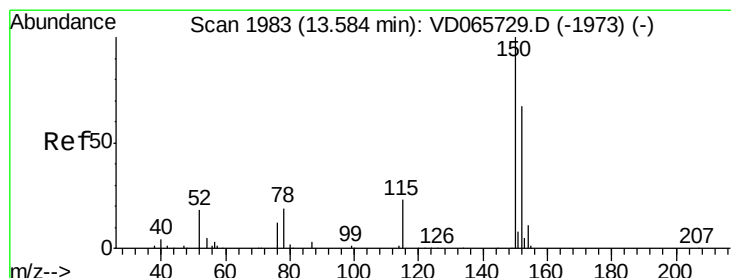
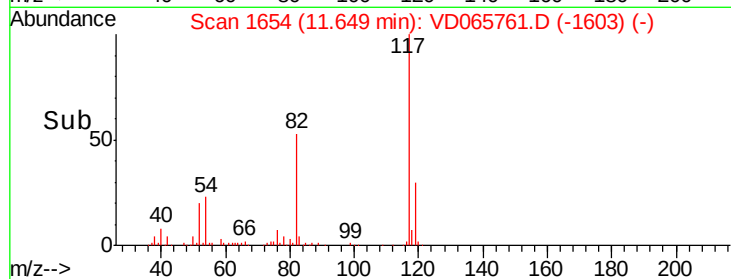
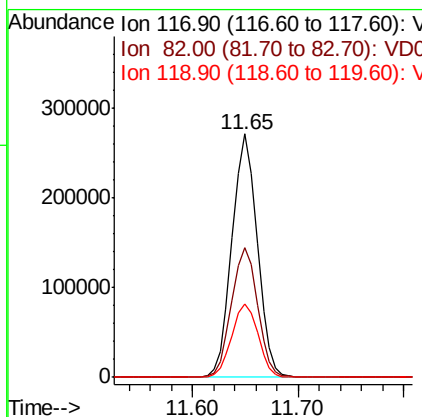
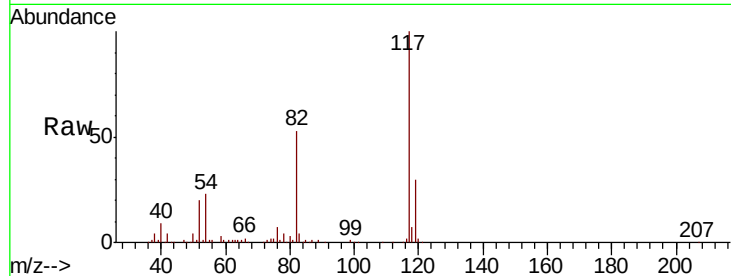




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065761.D
Acq: 26 May 2020 14:50

Instrument :
MSVOA_D
ClientSampleId :
370

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.6
119	30.4	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: VD065761.D
Acq: 26 May 2020 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.1	84.3
150	153.9	0.0	343.2

