

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013120\
 Data File : VD065037.D
 Acq On : 31 Jan 2020 16:47
 Operator : VA/SY
 Sample : L1345-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 01-31-A

Quant Time: Jan 31 17:11:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	50735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	78371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	86588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	35826	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	39709	81.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.20%	
35) Dibromofluoromethane	7.92	113	31584	64.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.26%	
50) Toluene-d8	10.34	98	95497	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.64	95	33508	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	

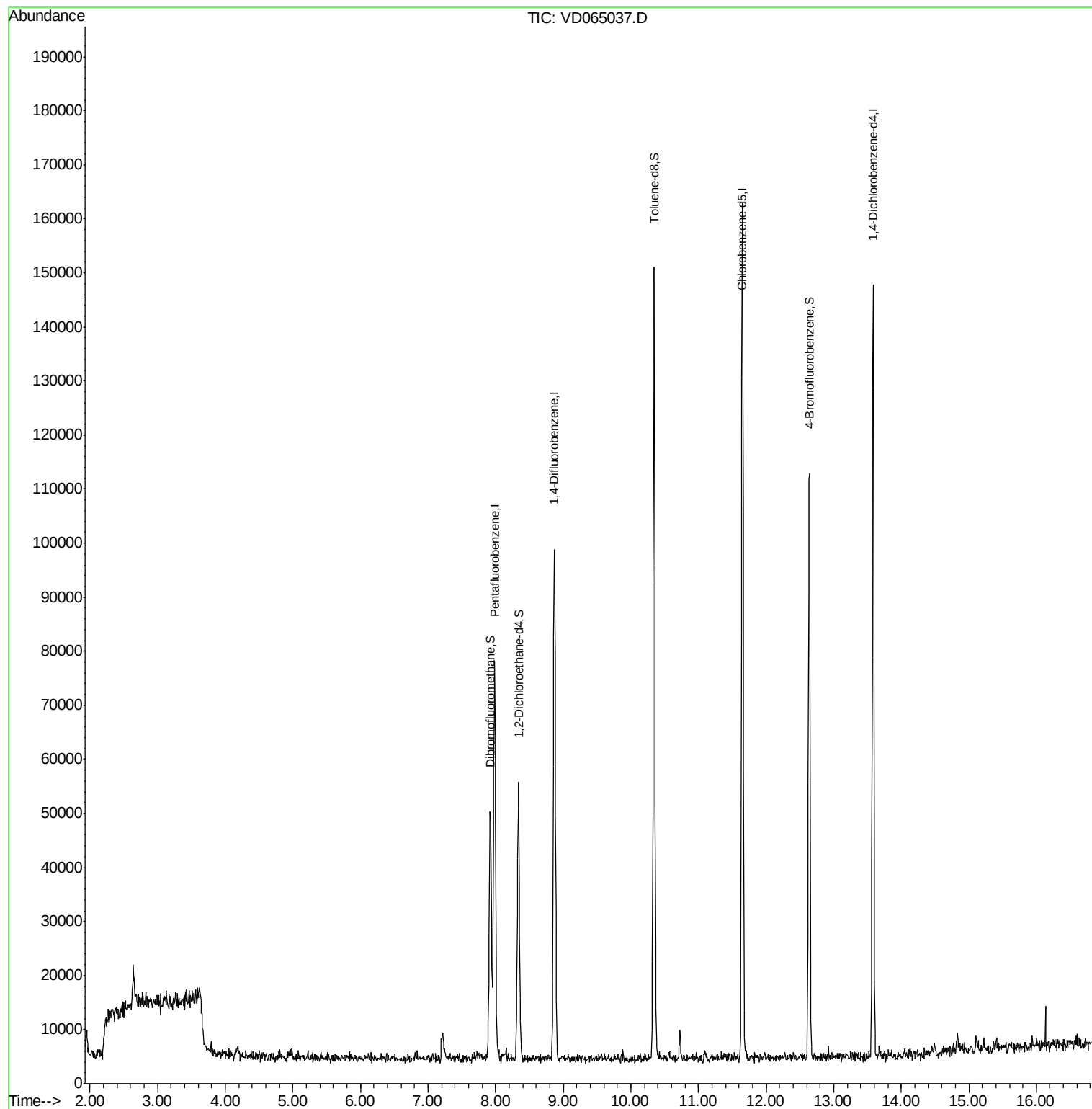
Target Compounds	Qvalue
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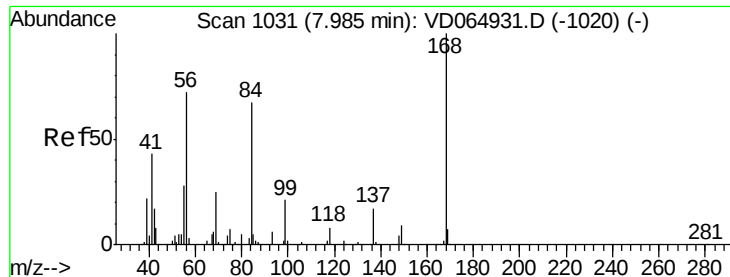
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
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: VD065037.D

Acq: 31 Jan 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

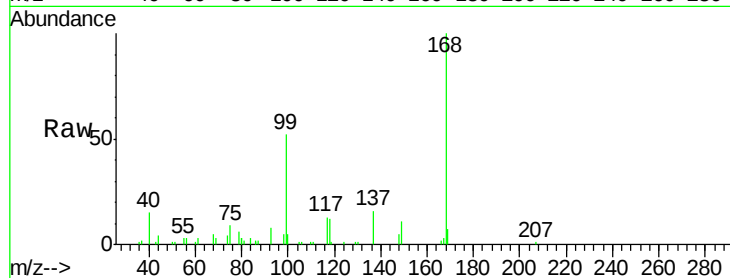
01-31-A

Tot Ion:168 Resp: 50735

Ion Ratio Lower Upper

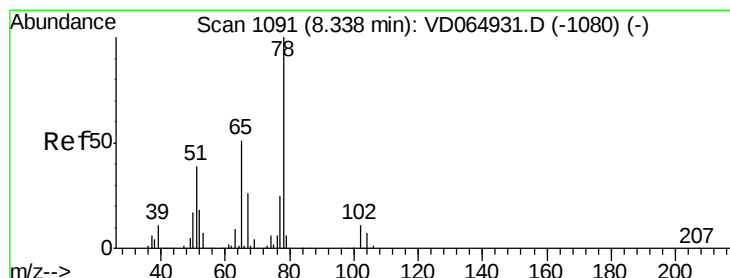
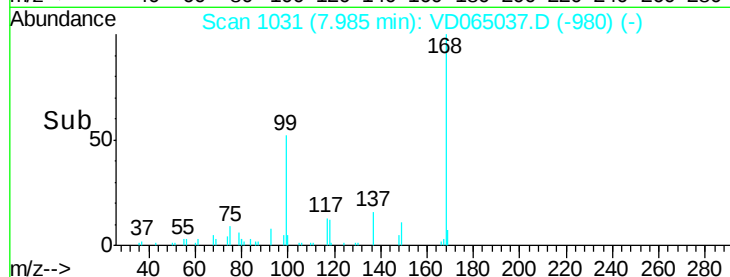
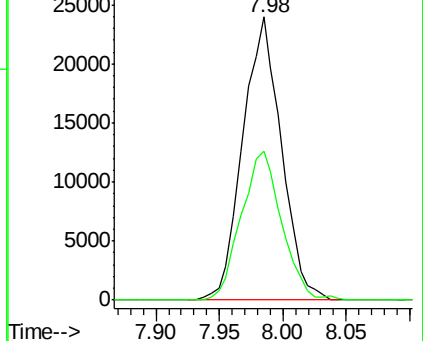
168 100

99 52.5 43.3 64.9



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: 81.595 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065037.D

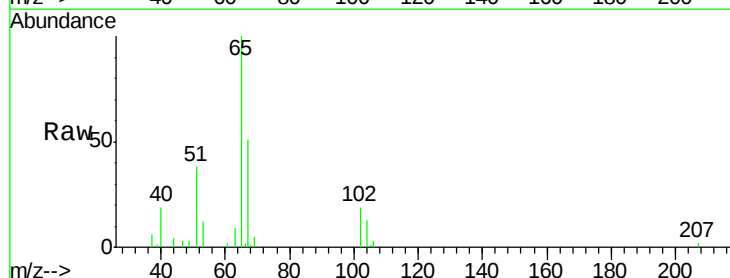
Acq: 31 Jan 2020 16:47

Tgt Ion: 65 Resp: 39709

Ion Ratio Lower Upper

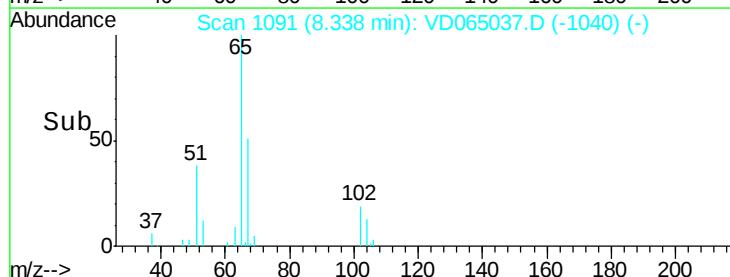
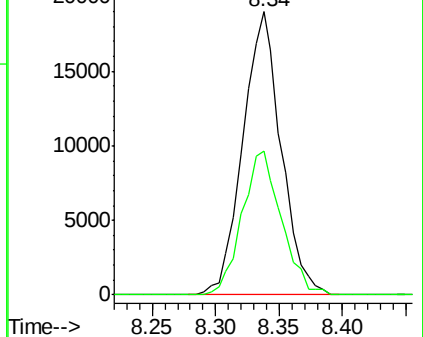
65 100

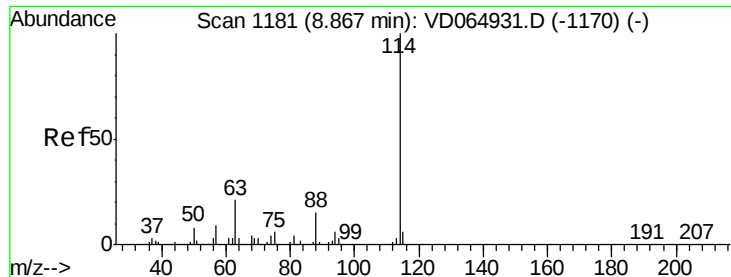
67 52.1 0.0 103.6



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: VD065037.D

Acq: 31 Jan 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

01-31-A

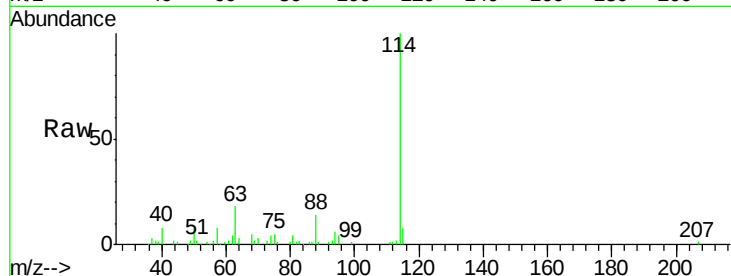
Tot Ion:114 Resp: 78371

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.0

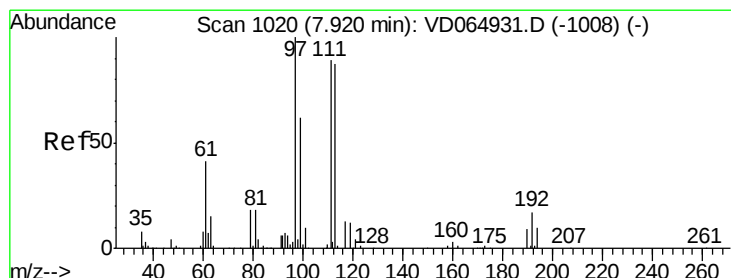
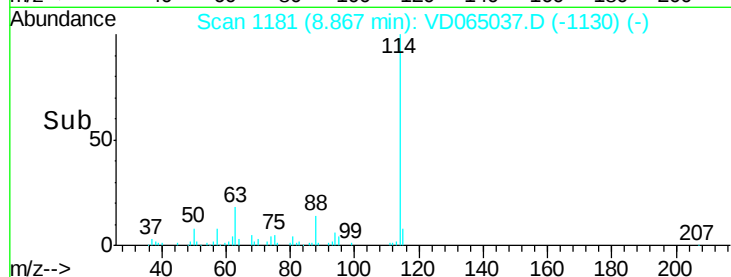
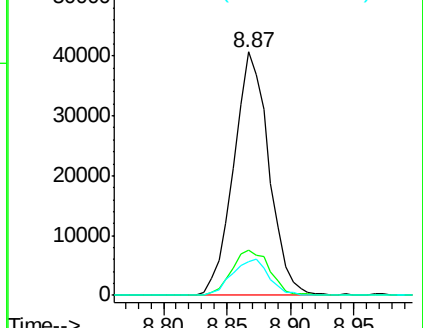
88 13.6 0.0 29.4



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: 64.131 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065037.D

Acq: 31 Jan 2020 16:47

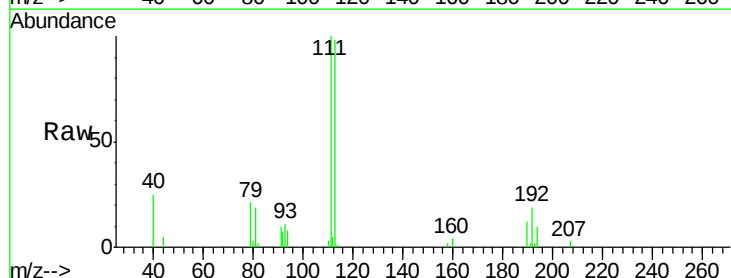
Tgt Ion:113 Resp: 31584

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

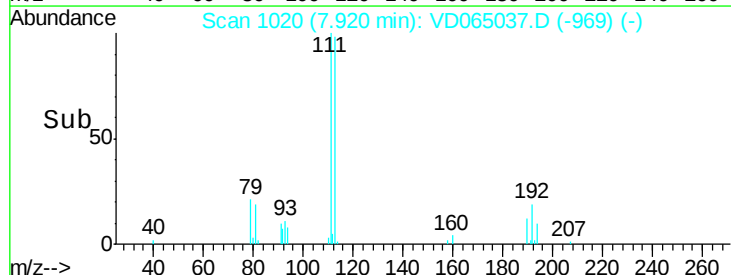
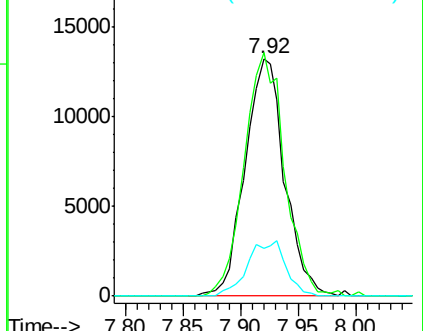
192 22.4 16.9 25.3

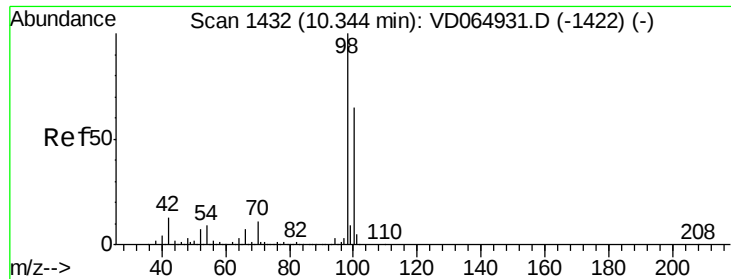


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.239 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065037.D

Acq: 31 Jan 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

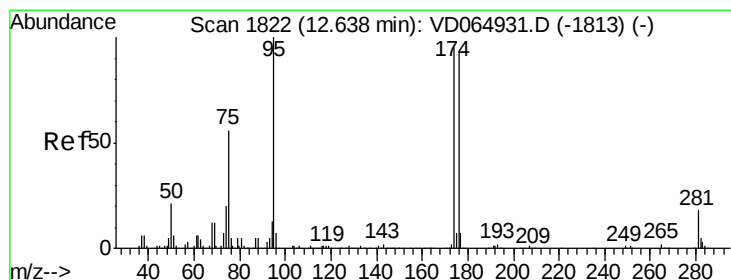
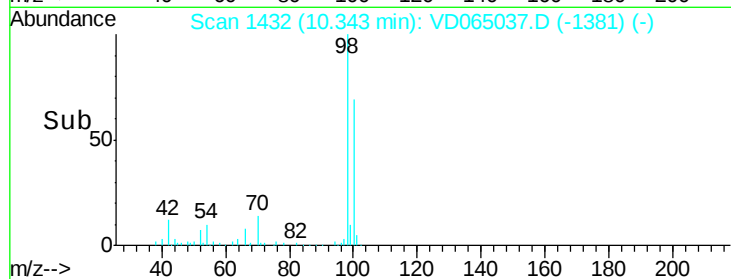
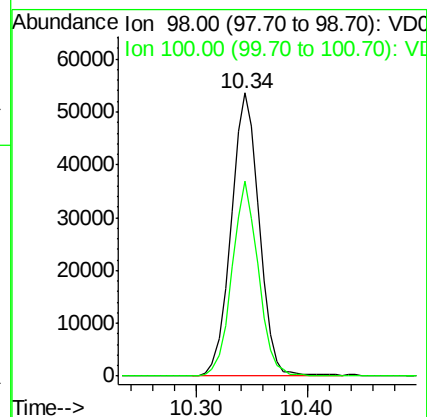
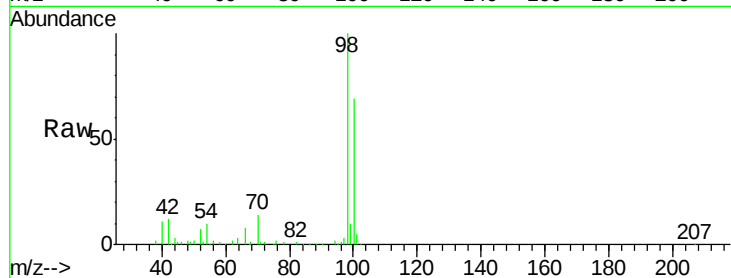
01-31-A

Tot Ion: 98 Resp: 95497

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 57.604 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065037.D

Acq: 31 Jan 2020 16:47

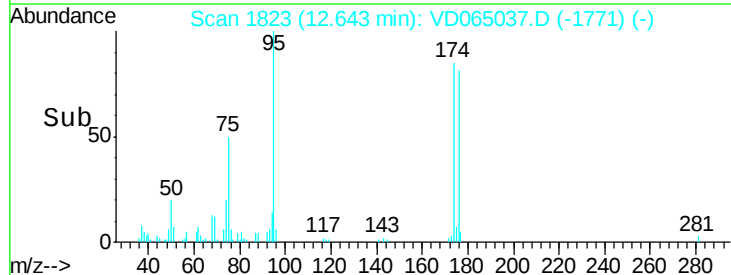
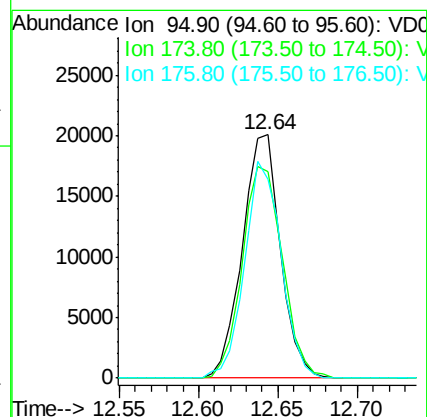
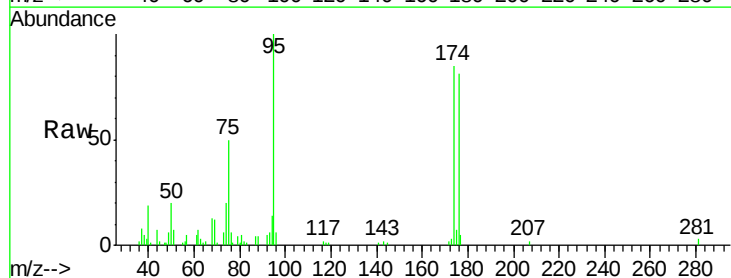
Tgt Ion: 95 Resp: 33508

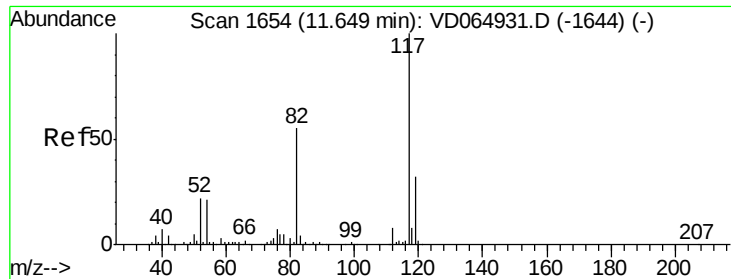
Ion Ratio Lower Upper

95 100

174 92.1 0.0 186.8

176 85.5 0.0 183.4

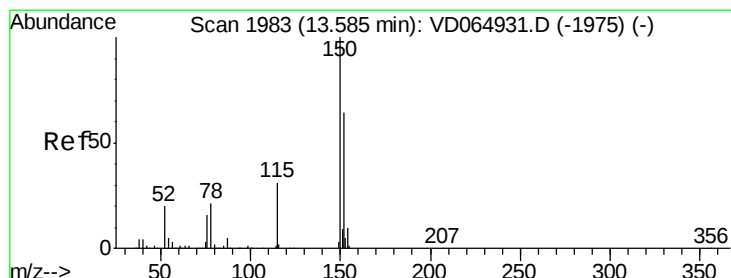
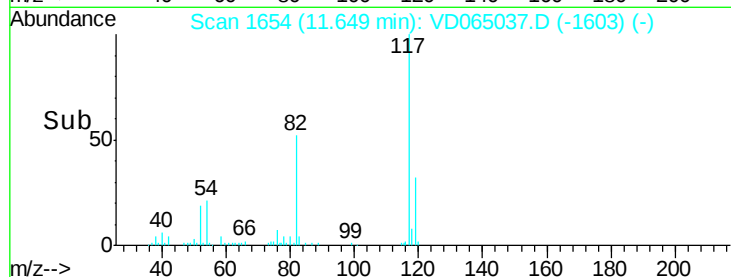
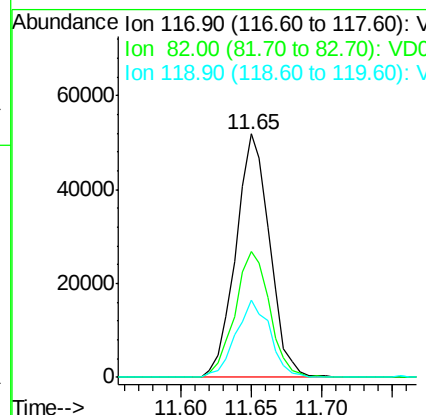
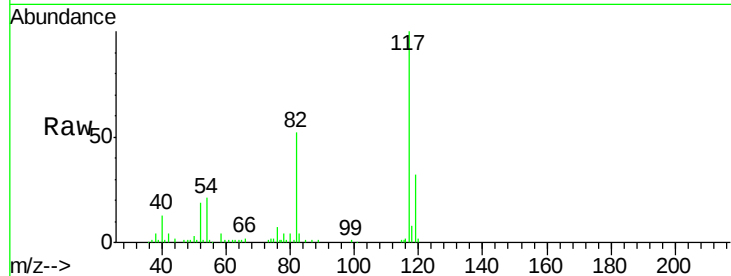




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065037.D
Acq: 31 Jan 2020 16:47

Instrument :
MSVOA_D
ClientSampleId :
01-31-A

Tot Ion:117 Resp: 86588
Ion Ratio Lower Upper
117 100
82 51.7 43.6 65.4
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065037.D
Acq: 31 Jan 2020 16:47

Tgt Ion:152 Resp: 35826
Ion Ratio Lower Upper
152 100
115 59.2 28.1 84.4
150 165.9 0.0 350.4

