

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064114.D
 Acq On : 30 Oct 2019 16:03
 Operator : VA/SY
 Sample : K5599-13
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-23A

Quant Time: Oct 31 04:25:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	217189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	360194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196975	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	94809	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
35) Dibromofluoromethane	7.92	113	112868	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	10.34	98	452808	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.64	95	152256	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

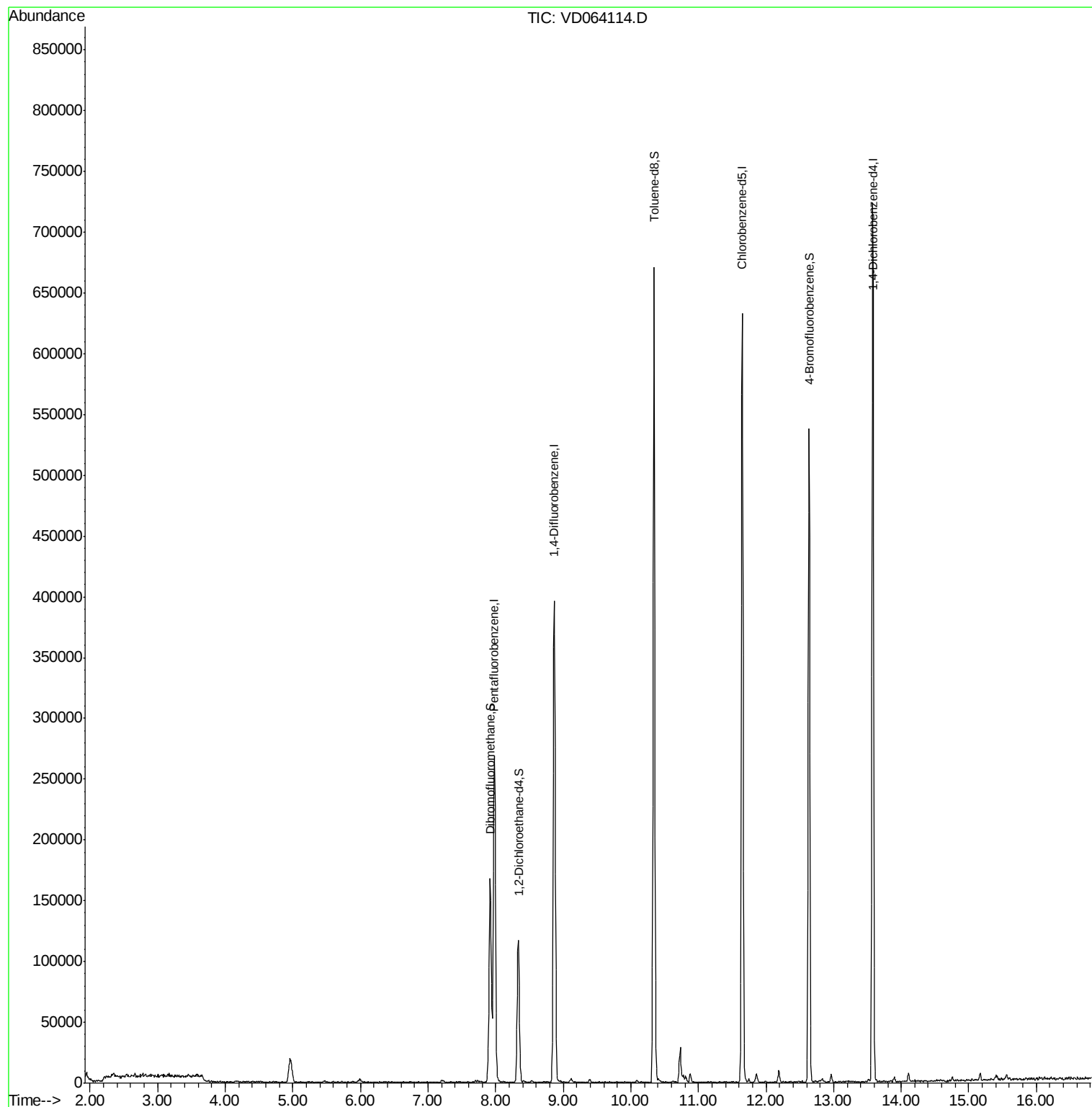
Target Compounds	Qvalue

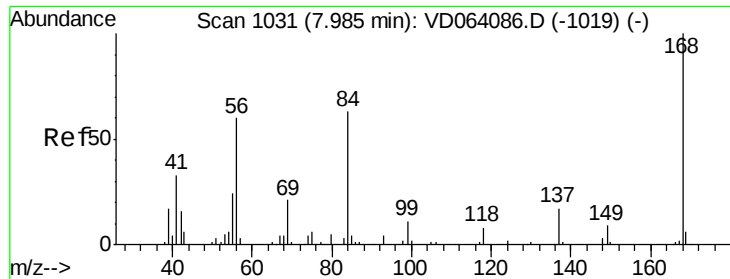
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064114.D

Acq: 30 Oct 2019 16:03

Instrument :

MSVOA_D

ClientSampleId :

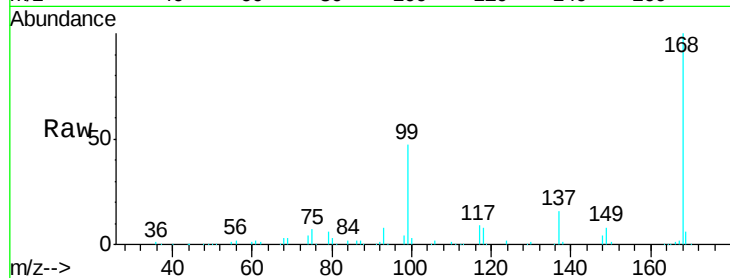
Z3-23A

Tgt Ion:168 Resp: 217189

Ion Ratio Lower Upper

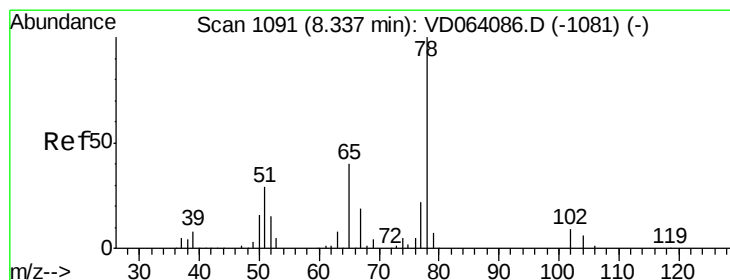
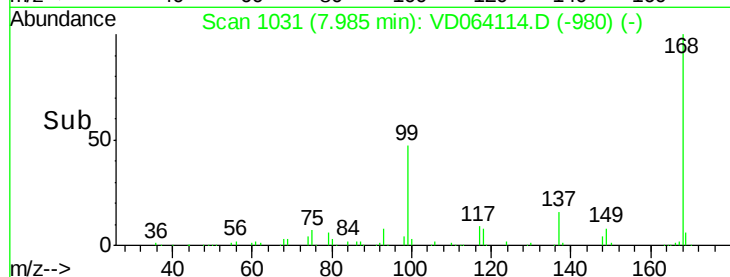
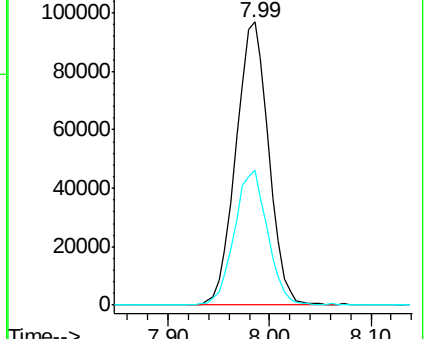
168 100

99 47.5 37.6 56.4



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: 54.888 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064114.D

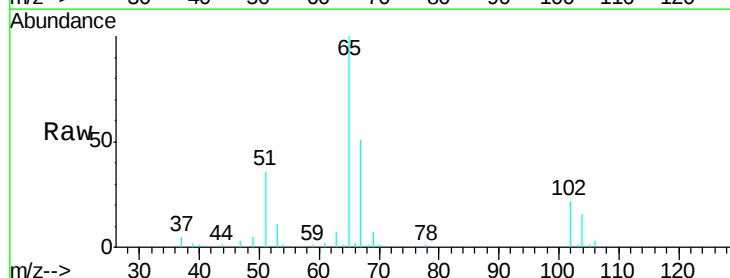
Acq: 30 Oct 2019 16:03

Tgt Ion: 65 Resp: 94809

Ion Ratio Lower Upper

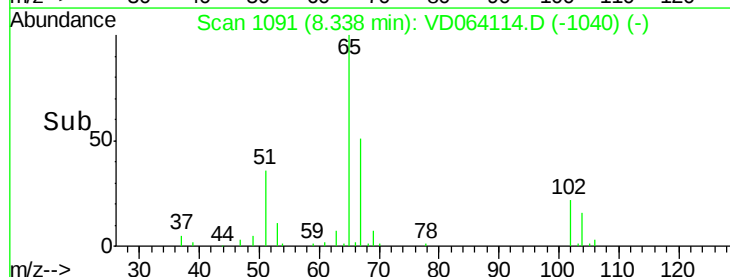
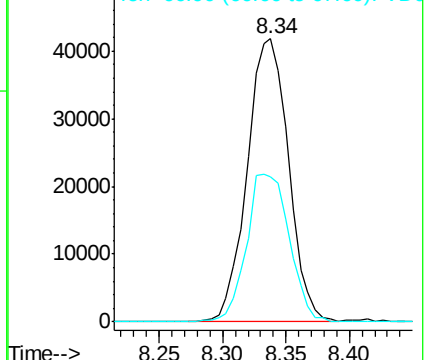
65 100

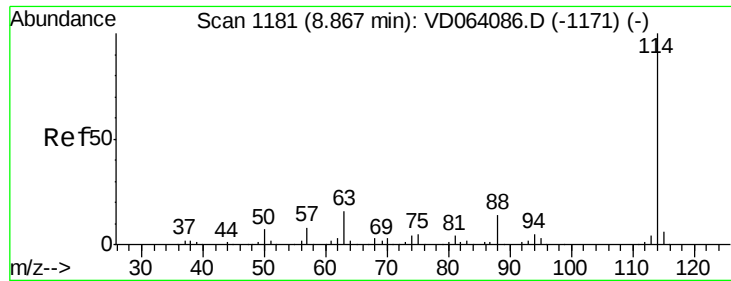
67 53.8 0.0 104.6



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: VD064114.D

Acq: 30 Oct 2019 16:03

Instrument :

MSVOA_D

ClientSampleId :

Z3-23A

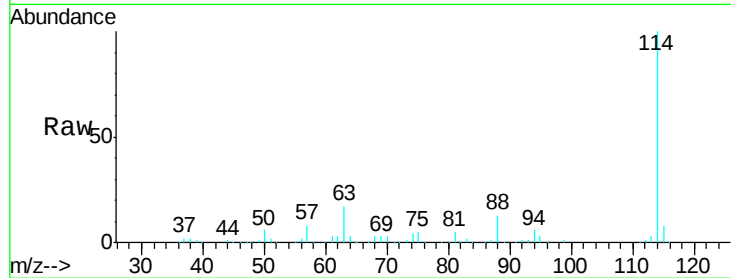
Tgt Ion:114 Resp: 360194

Ion Ratio Lower Upper

114 100

63 17.3 0.0 32.8

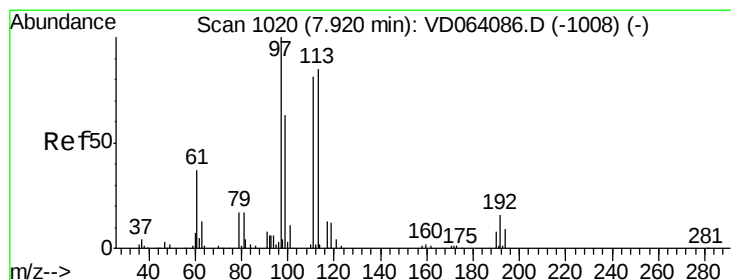
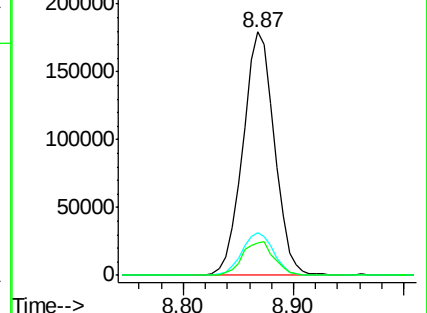
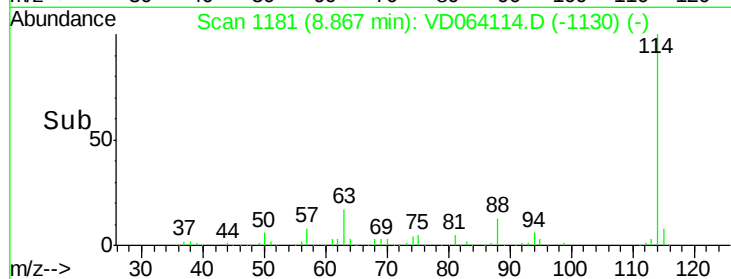
88 13.4 0.0 27.6



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: 50.933 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064114.D

Acq: 30 Oct 2019 16:03

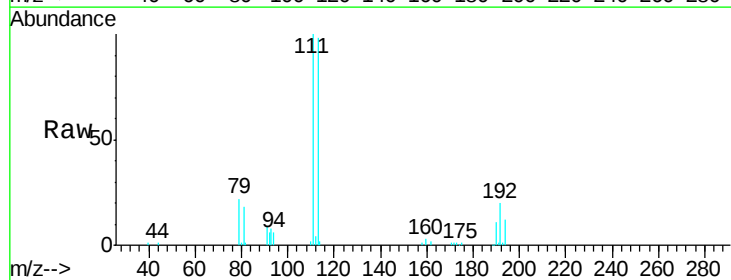
Tgt Ion:113 Resp: 112868

Ion Ratio Lower Upper

113 100

111 105.2 79.3 118.9

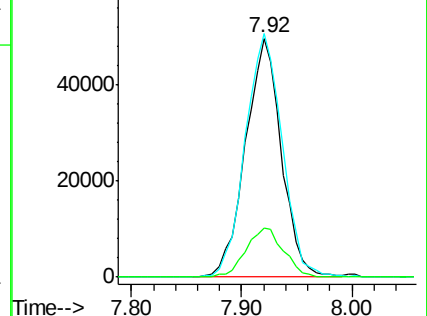
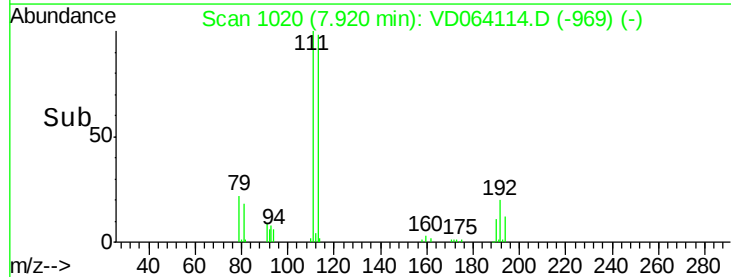
192 21.4 16.2 24.2

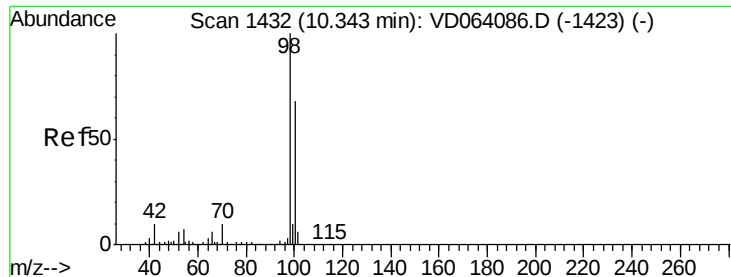


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.094 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064114.D

Acq: 30 Oct 2019 16:03

Instrument :

MSVOA_D

ClientSampleId :

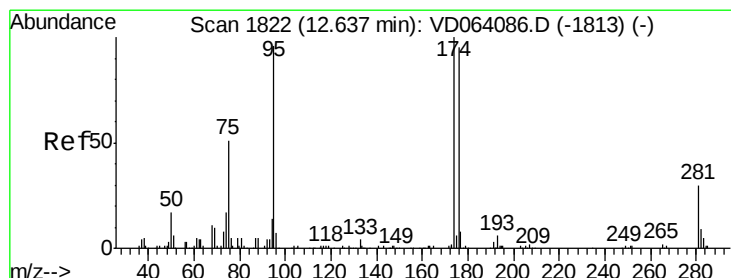
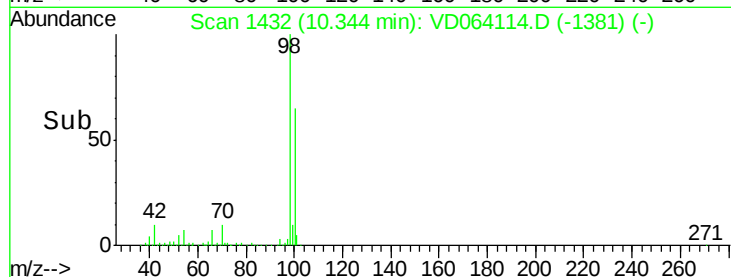
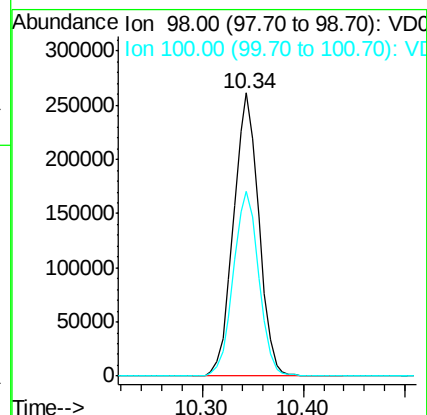
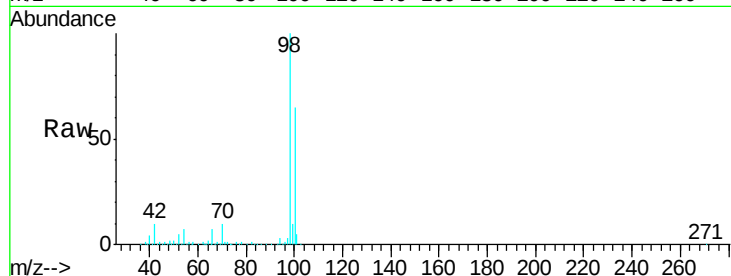
Z3-23A

Tgt Ion: 98 Resp: 452808

Ion Ratio Lower Upper

98 100

100 65.7 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 51.821 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064114.D

Acq: 30 Oct 2019 16:03

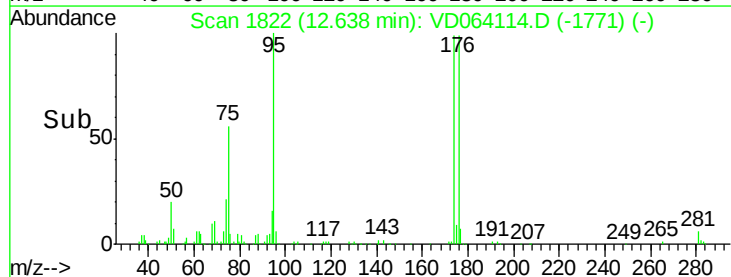
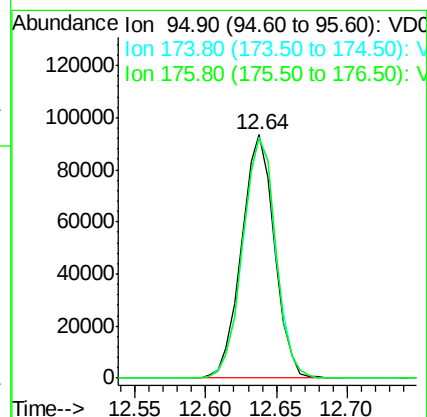
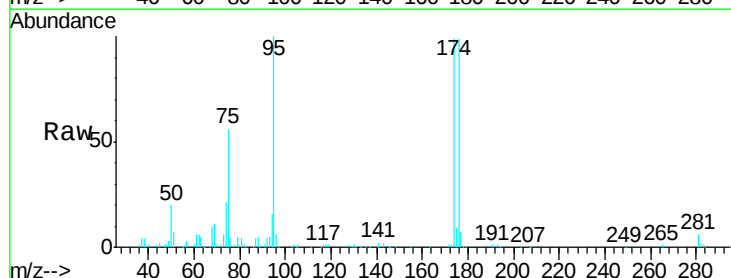
Tgt Ion: 95 Resp: 152256

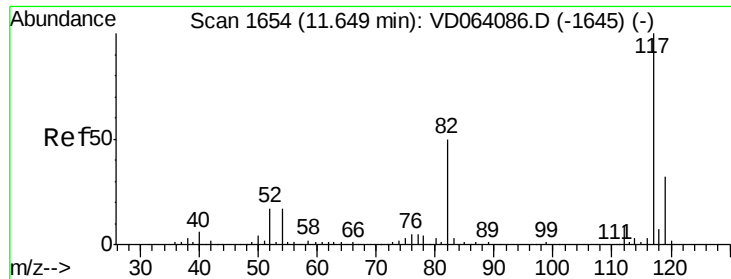
Ion Ratio Lower Upper

95 100

174 99.0 0.0 201.6

176 99.2 0.0 192.6

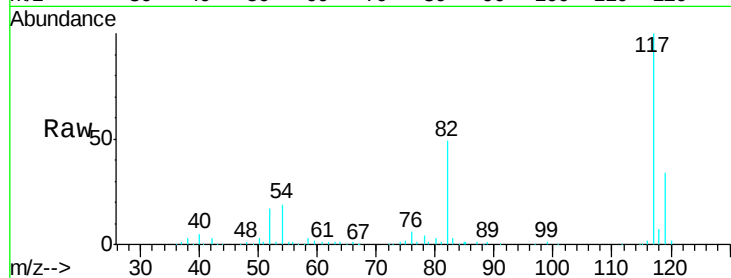




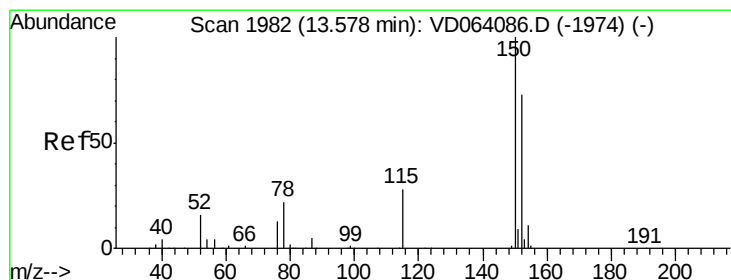
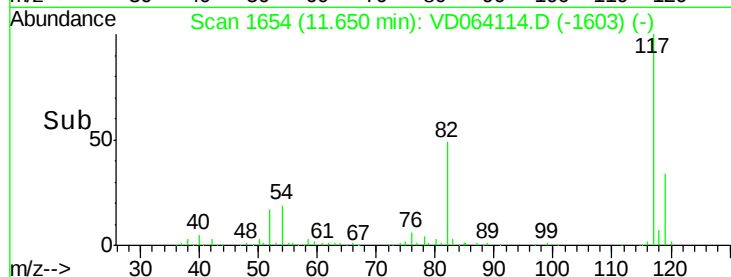
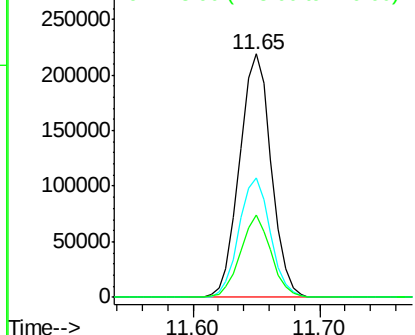
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Instrument :
MSVOA_D
ClientSampleId :
Z3-23A

Tgt Ion:117 Resp: 380942
Ion Ratio Lower Upper
117 100
82 49.2 40.2 60.4
119 33.6 26.0 39.0

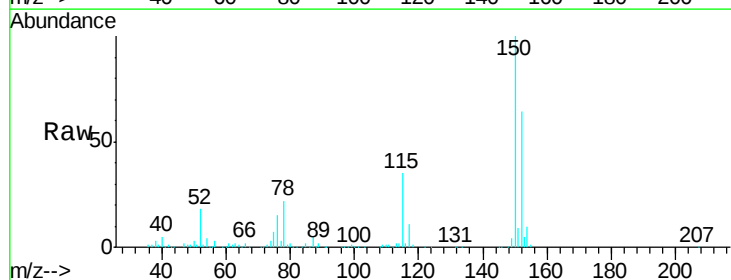


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Tgt Ion:152 Resp: 196975
Ion Ratio Lower Upper
152 100
115 53.4 26.2 78.6
150 157.7 0.0 338.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

