

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064018.D
 Acq On : 23 Oct 2019 13:51
 Operator : VA/SY
 Sample : VD1023SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBL01

Quant Time: Oct 24 06:35:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	204332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	354171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	360908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174464	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	109560	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
35) Dibromofluoromethane	7.92	113	107868	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.34	98	463103	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.63	95	146040	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

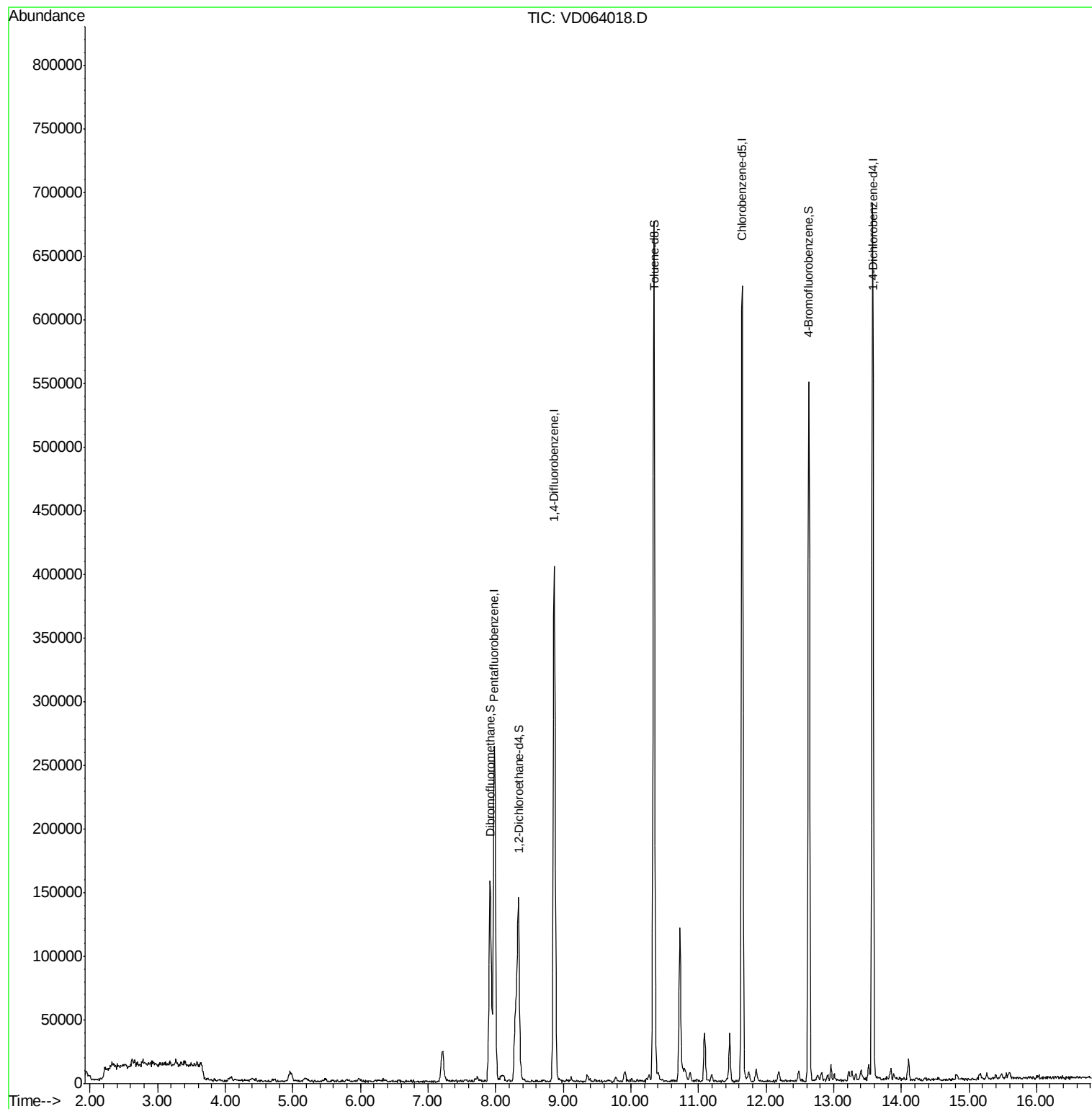
Target Compounds	Qvalue
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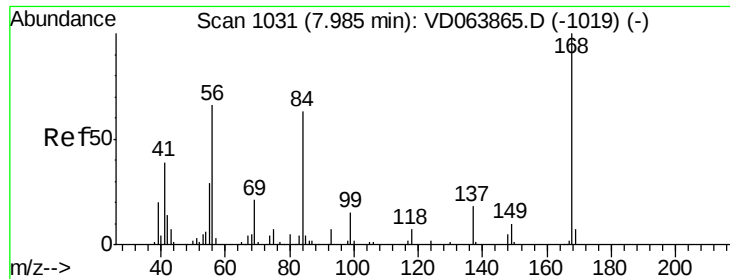
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064018.D

Acq: 23 Oct 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

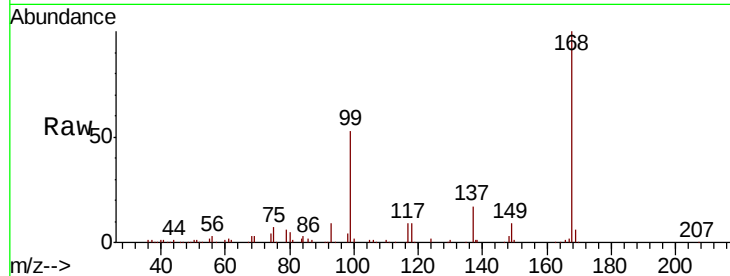
VD1023SBL01

Tot Ion:168 Resp: 204332

Ion Ratio Lower Upper

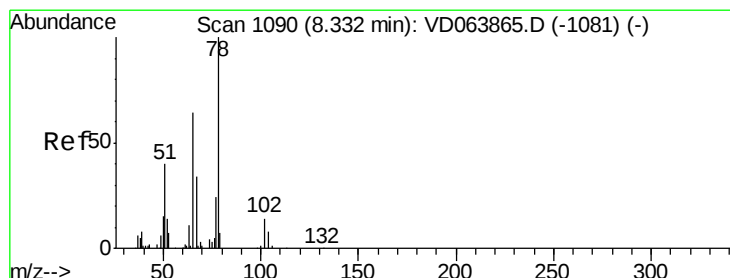
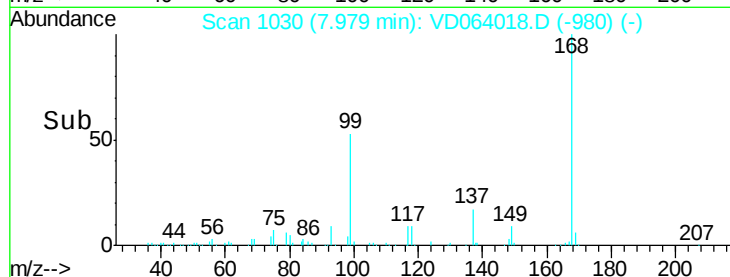
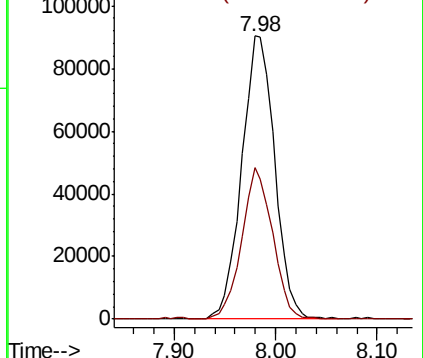
168 100

99 53.4 43.0 64.4



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: 55.074 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064018.D

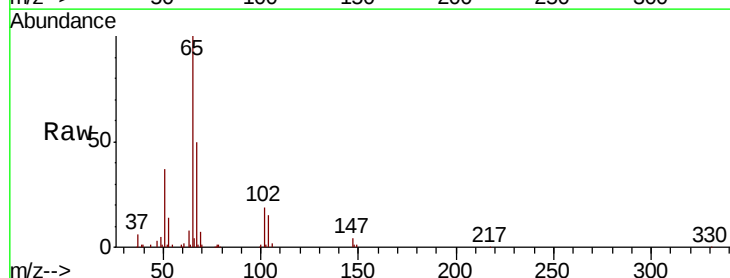
Acq: 23 Oct 2019 13:51

Tgt Ion: 65 Resp: 109560

Ion Ratio Lower Upper

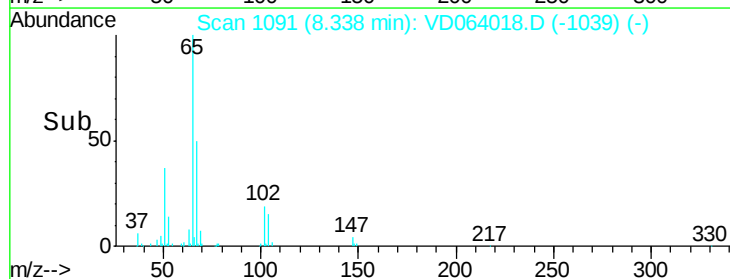
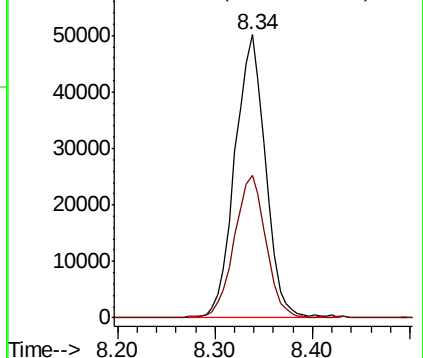
65 100

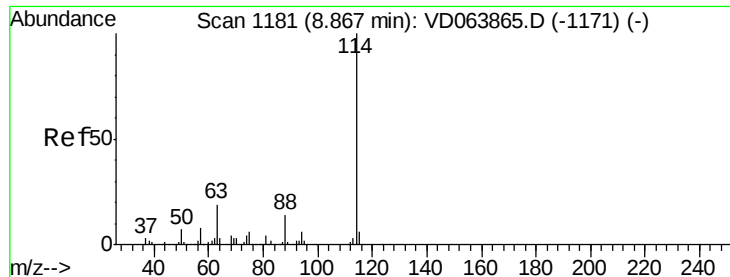
67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

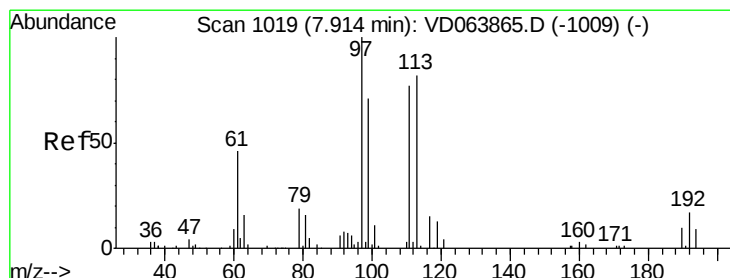
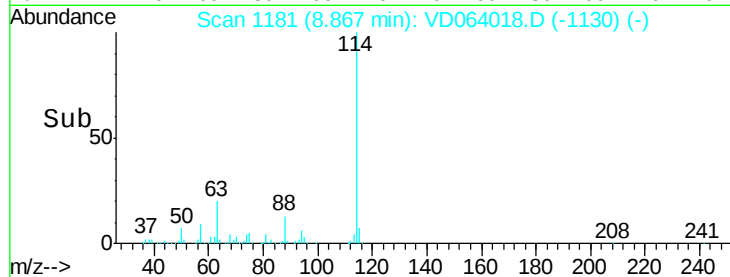
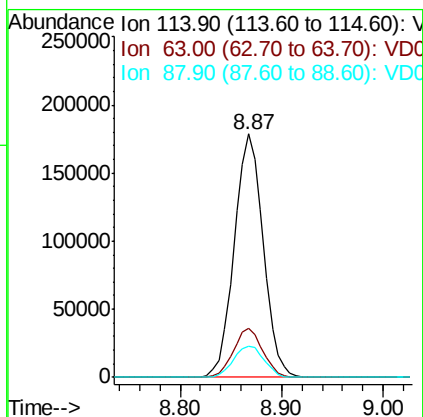
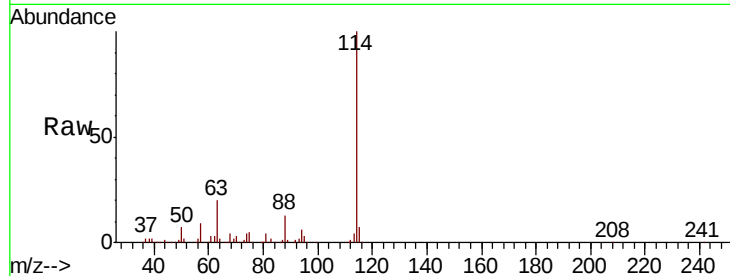




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064018.D
 Acq: 23 Oct 2019 13:51

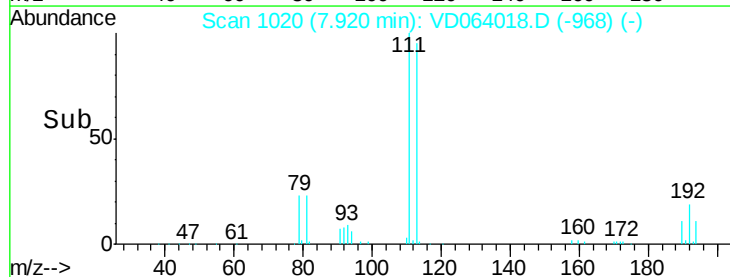
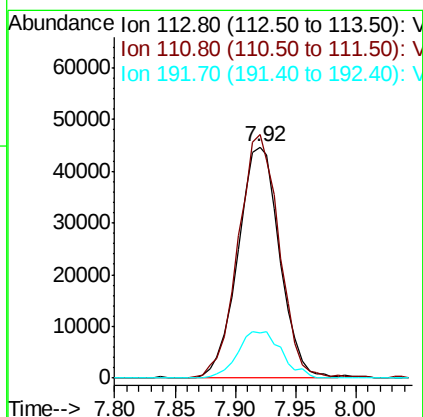
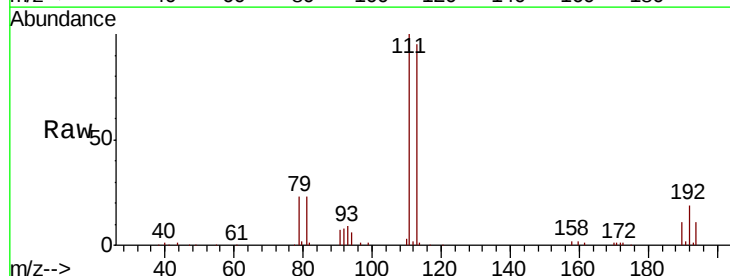
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBL01

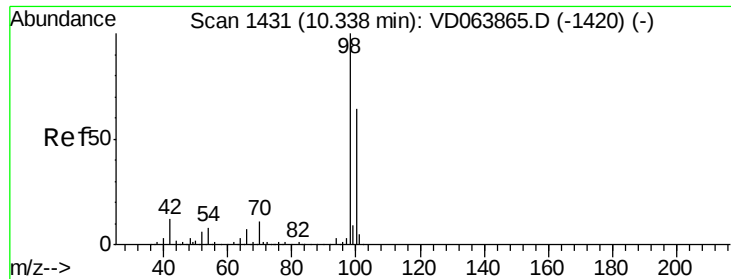
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	13.0	0.0	27.4



#35
 Dibromofluoromethane
 Concen: 49.836 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064018.D
 Acq: 23 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	21.2	17.1	25.7





#50

Toluene-d8

Concen: 52.714 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064018.D

Acq: 23 Oct 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

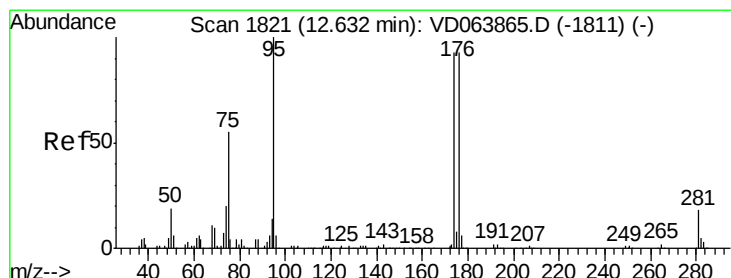
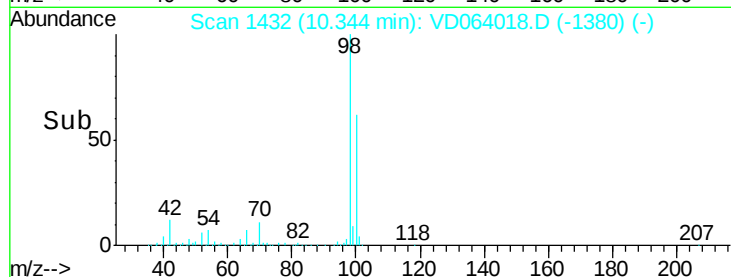
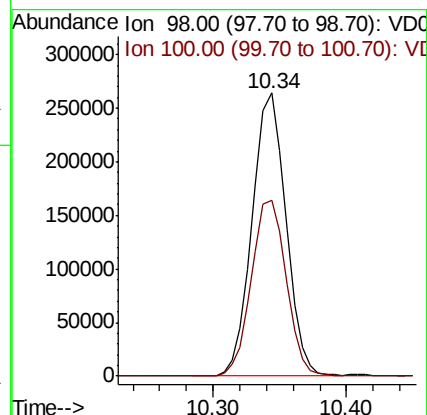
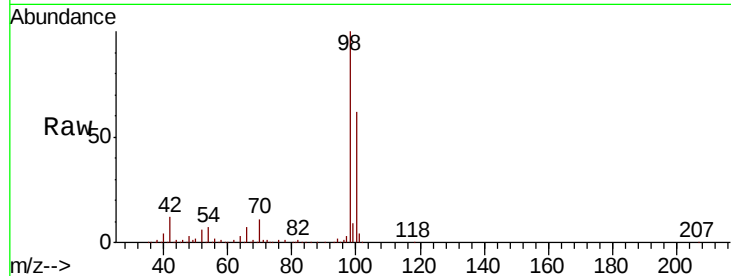
VD1023SBL01

Tot Ion: 98 Resp: 463103

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.837 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD064018.D

Acq: 23 Oct 2019 13:51

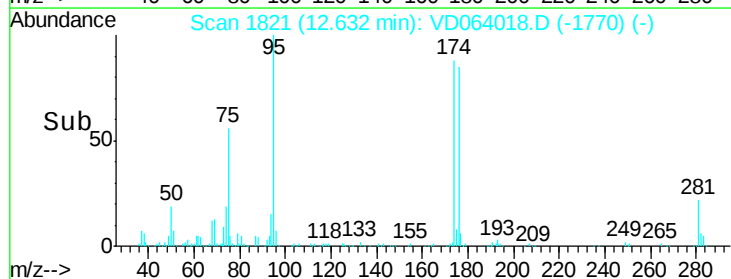
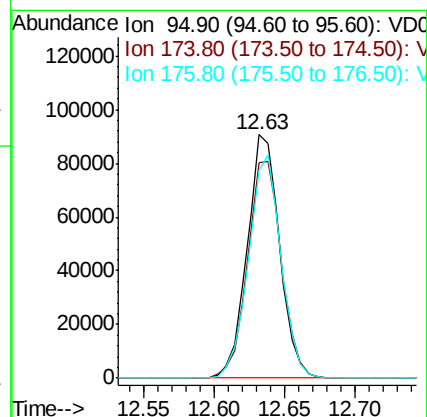
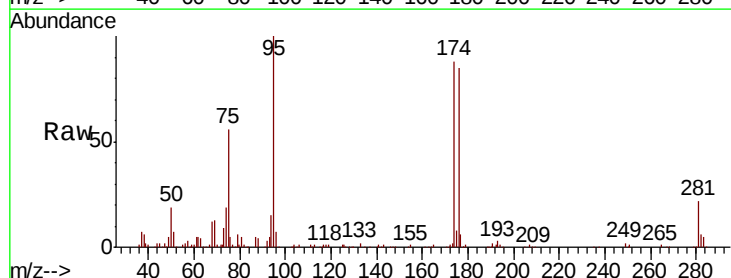
Tgt Ion: 95 Resp: 146040

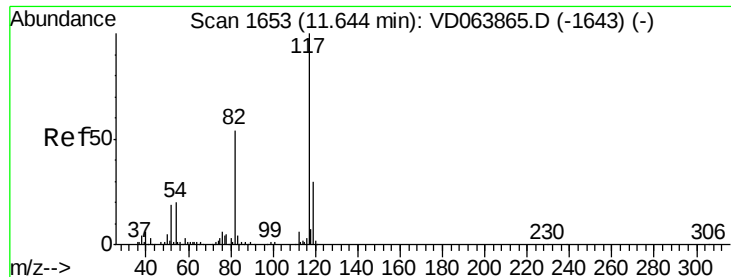
Ion Ratio Lower Upper

95 100

174 93.0 0.0 186.4

176 92.0 0.0 184.2

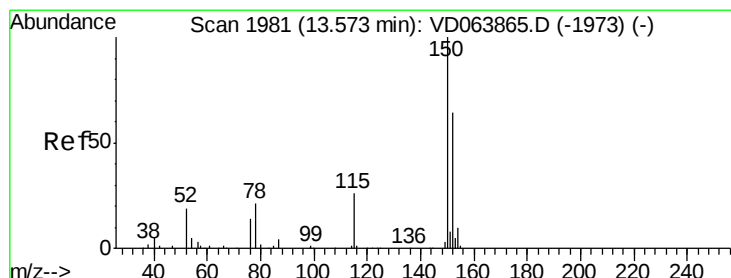
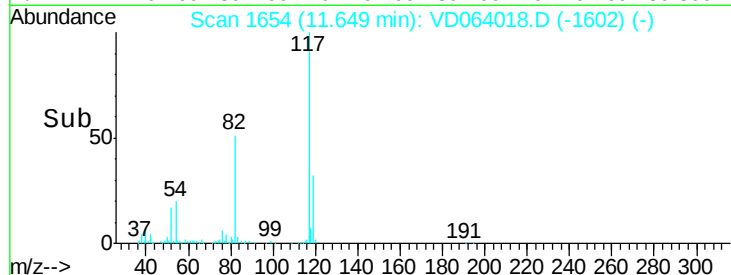
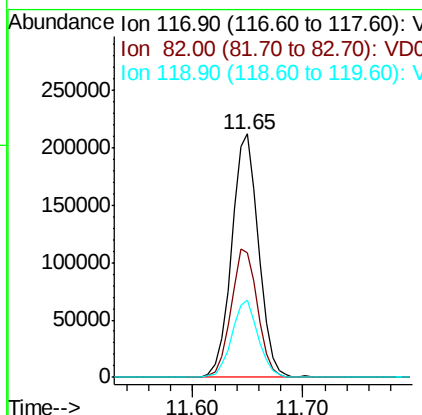
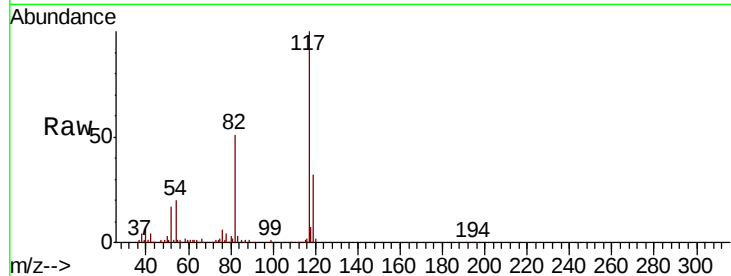




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064018.D
Acq: 23 Oct 2019 13:51

Instrument :
MSVOA_D
ClientSampleId :
VD1023SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.8	64.2
119	31.6	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064018.D
Acq: 23 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	25.9	77.7
150	156.4	0.0	344.2

