

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063934.D
 Acq On : 11 Oct 2019 13:49
 Operator : VA/SY
 Sample : K5298-04
 Misc : 7.22G/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10

Quant Time: Oct 12 02:10:21 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	161730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	293450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	286435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134812	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	88810	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	
35) Dibromofluoromethane	7.92	113	89397	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.34	98	378522	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.63	95	117479	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	

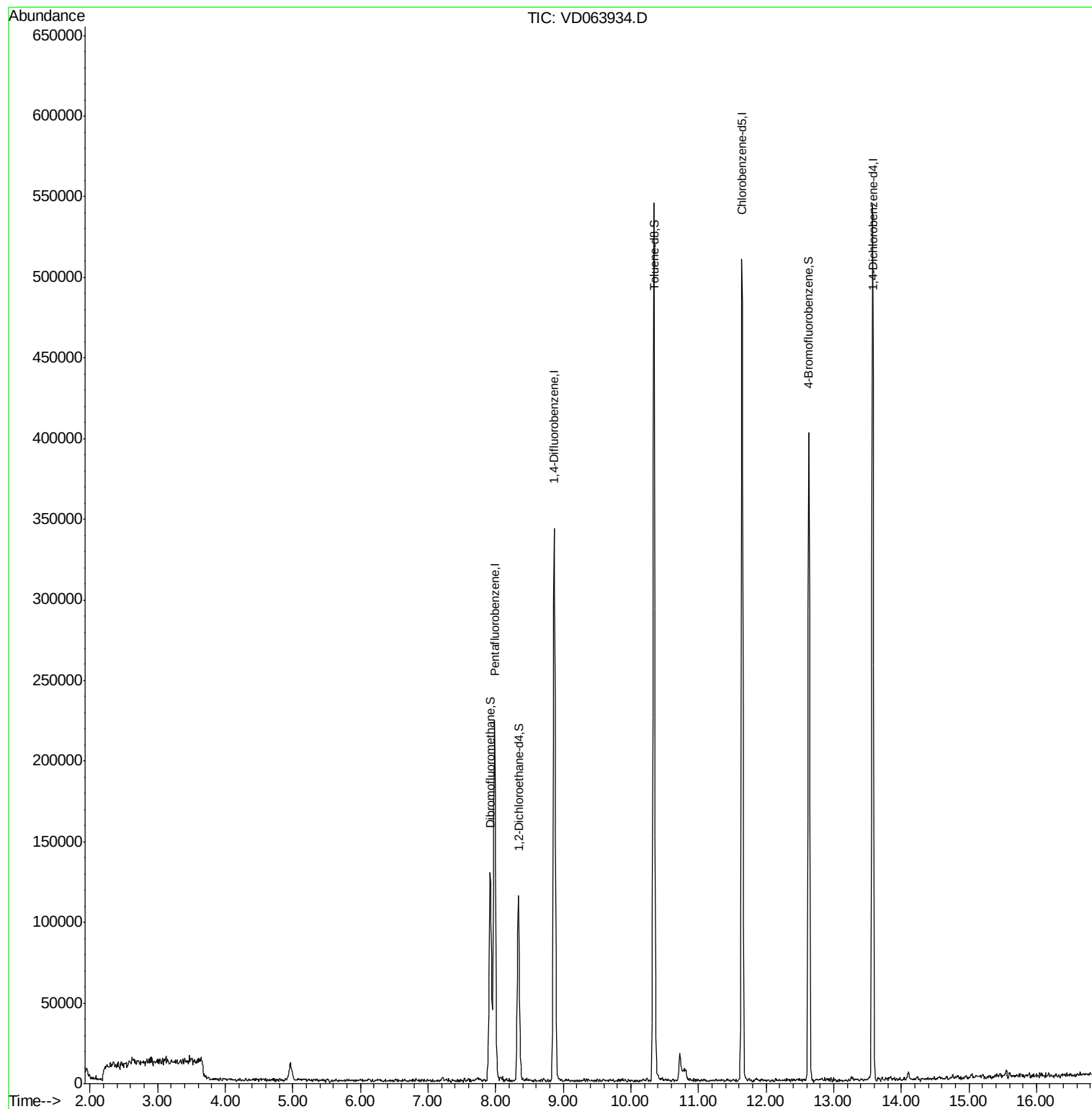
Target Compounds	Qvalue
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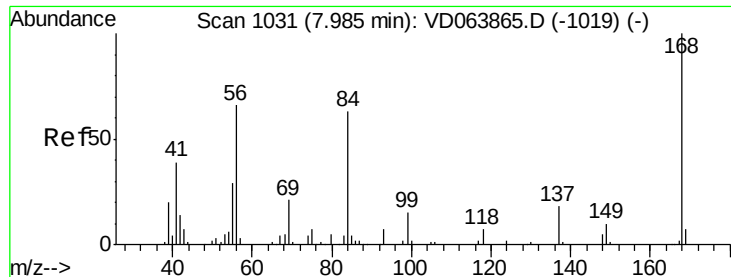
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063934.D

Acq: 11 Oct 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

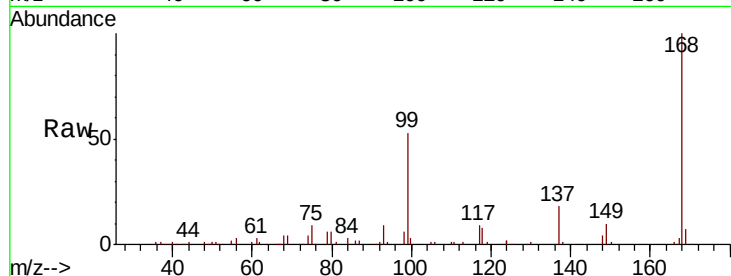
TP-10

Tot Ion:168 Resp: 161730

Ion Ratio Lower Upper

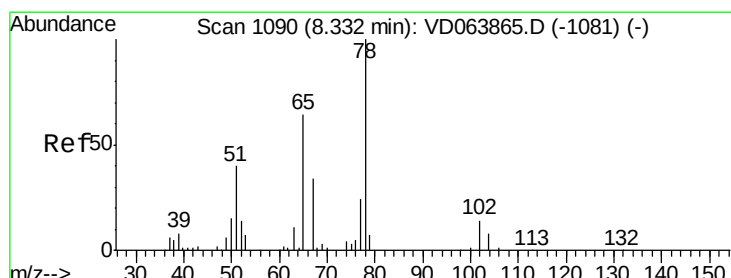
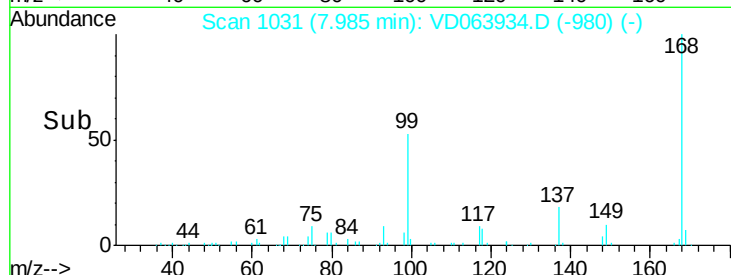
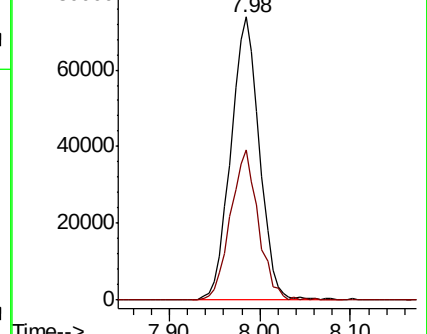
168 100

99 53.0 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: 56.403 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063934.D

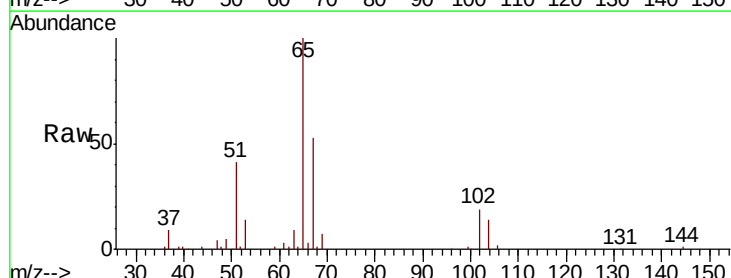
Acq: 11 Oct 2019 13:49

Tgt Ion: 65 Resp: 88810

Ion Ratio Lower Upper

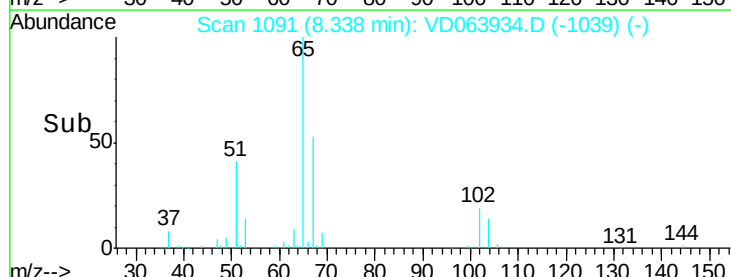
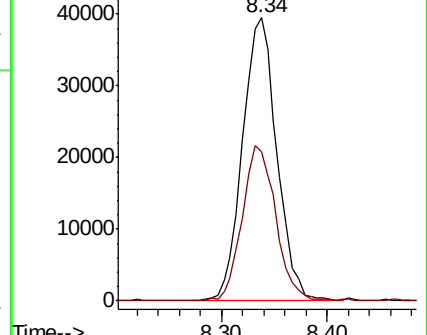
65 100

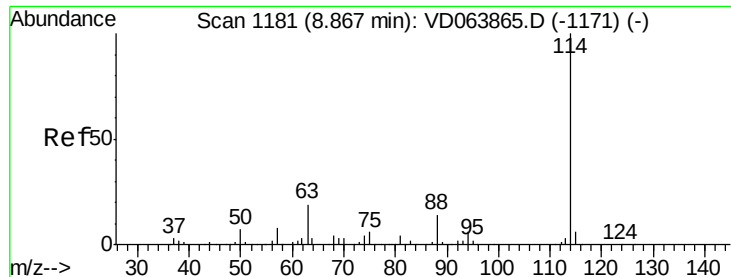
67 53.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

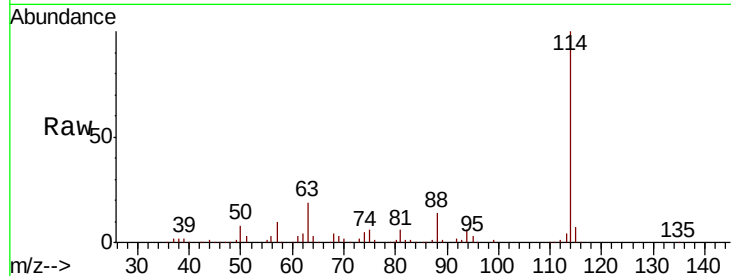




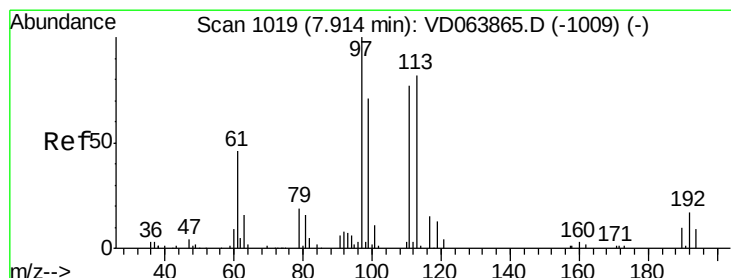
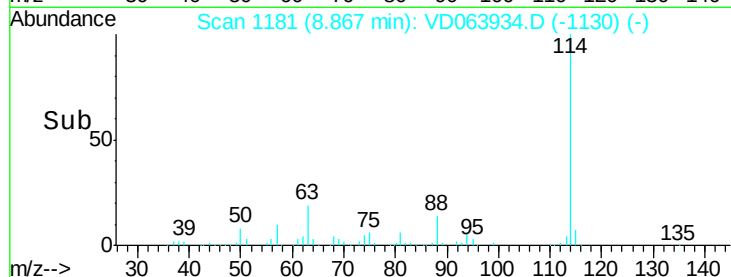
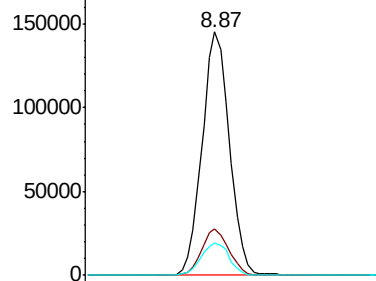
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063934.D
Acq: 11 Oct 2019 13:49

Instrument :
MSVOA_D
ClientSampleId :
TP-10

Tot Ion:114 Resp: 293450
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 13.5 0.0 27.4

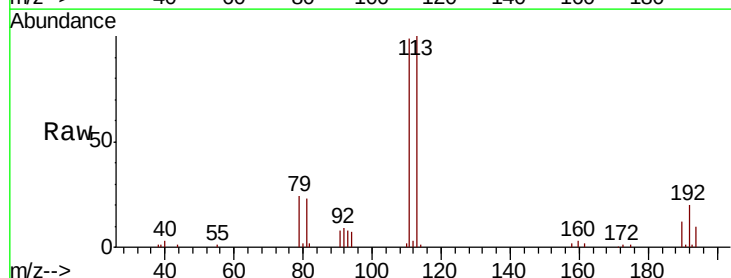


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

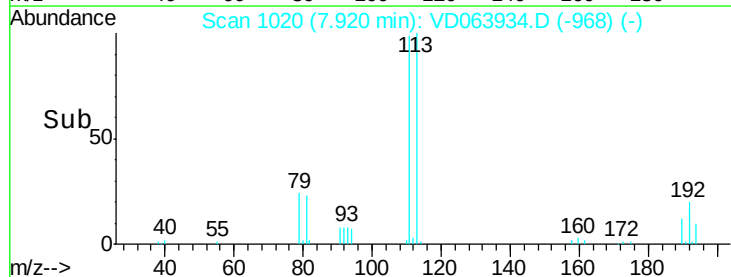
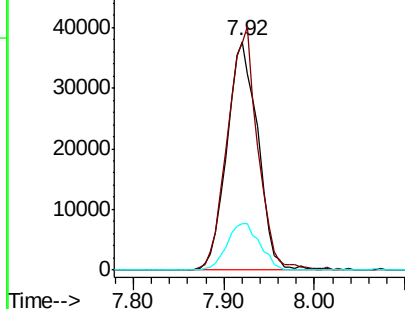


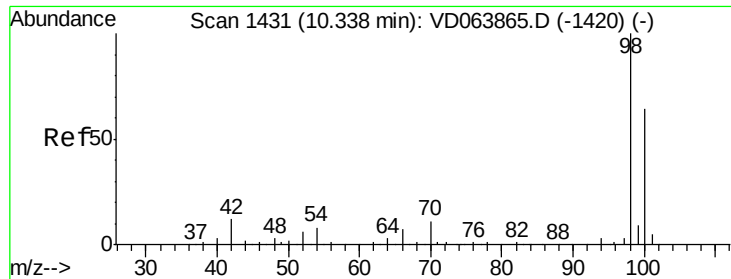
#35
Dibromofluoromethane
Concen: 49.849 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063934.D
Acq: 11 Oct 2019 13:49

Tgt Ion:113 Resp: 89397
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 21.6 17.1 25.7



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

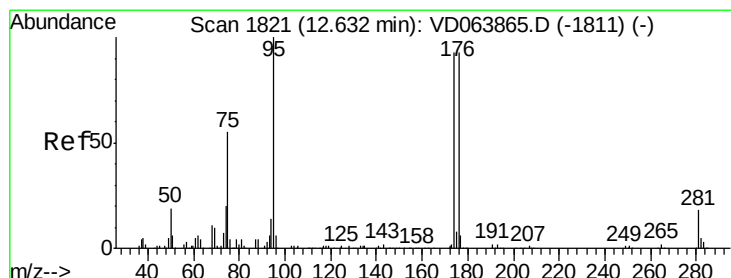
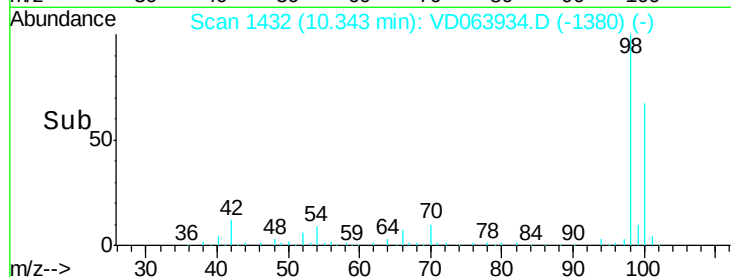
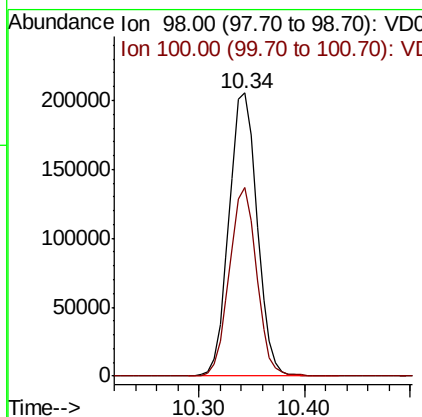
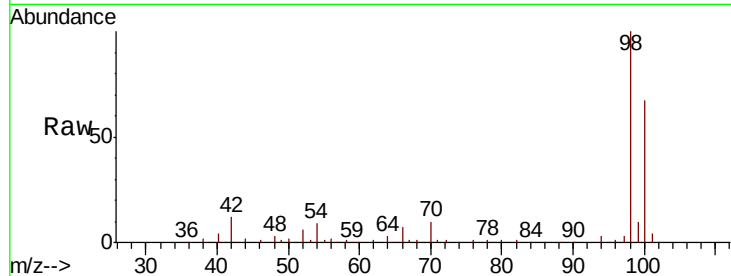




#50
Toluene-d8
Concen: 52.002 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063934.D
Acq: 11 Oct 2019 13:49

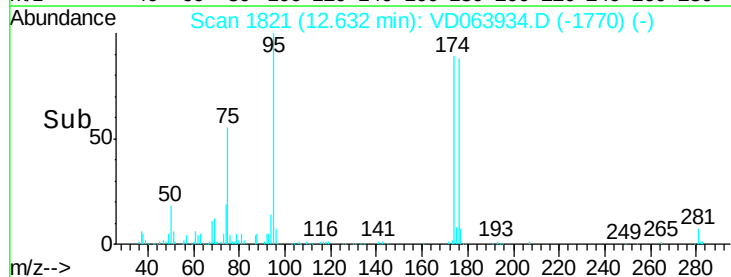
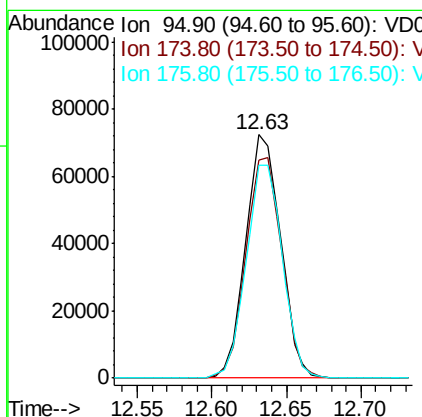
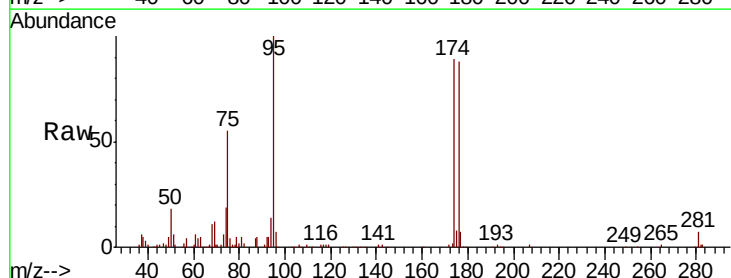
Instrument :
MSVOA_D
ClientSampleId :
TP-10

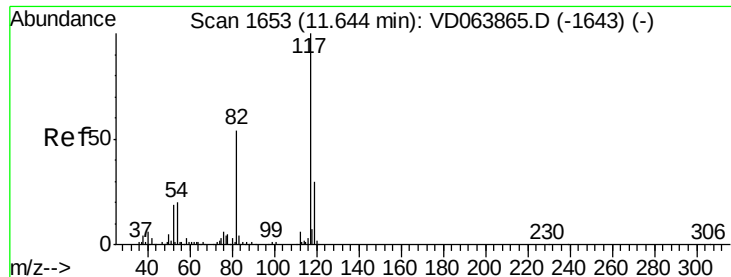
Tot Ion: 98 Resp: 378522
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063934.D
Acq: 11 Oct 2019 13:49

Tgt Ion: 95 Resp: 117479
Ion Ratio Lower Upper
95 100
174 93.2 0.0 186.4
176 90.5 0.0 184.2

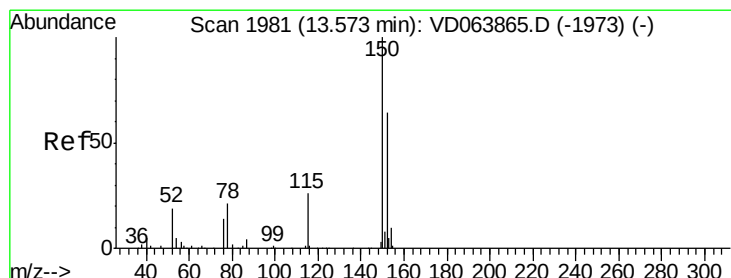
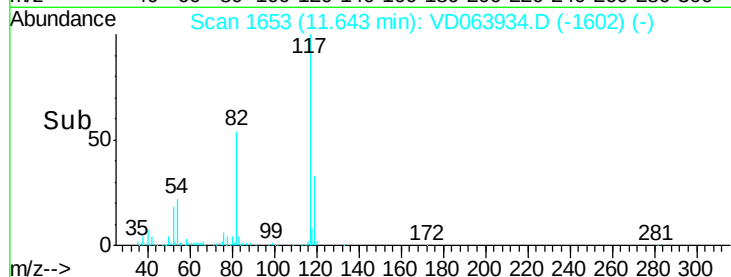
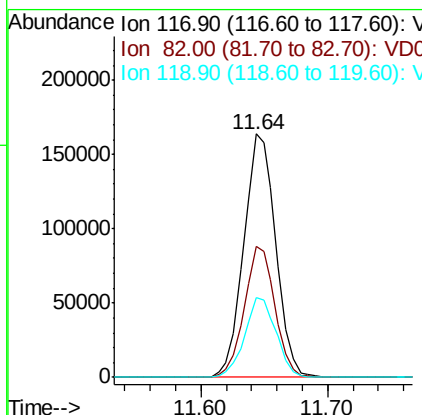
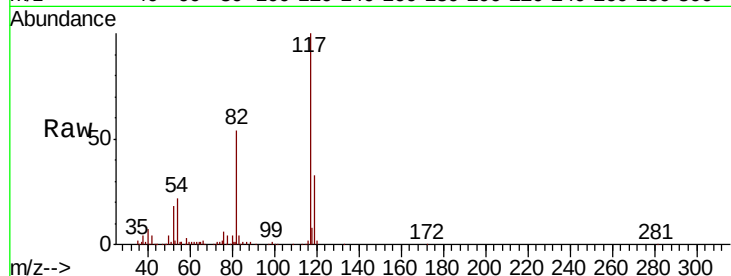




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063934.D
Acq: 11 Oct 2019 13:49

Instrument :
MSVOA_D
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.8	64.2
119	32.5	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: VD063934.D
Acq: 11 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	25.9	77.7
150	162.8	0.0	344.2

