

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063911.D
 Acq On : 10 Oct 2019 15:41
 Operator : VA/SY
 Sample : K5300-07
 Misc : 5.03G/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18A-D

Quant Time: Oct 11 08:10:15 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	174857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	310133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	291695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144215	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	86958	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.92	113	92623	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.34	98	404074	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.63	95	121959	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	

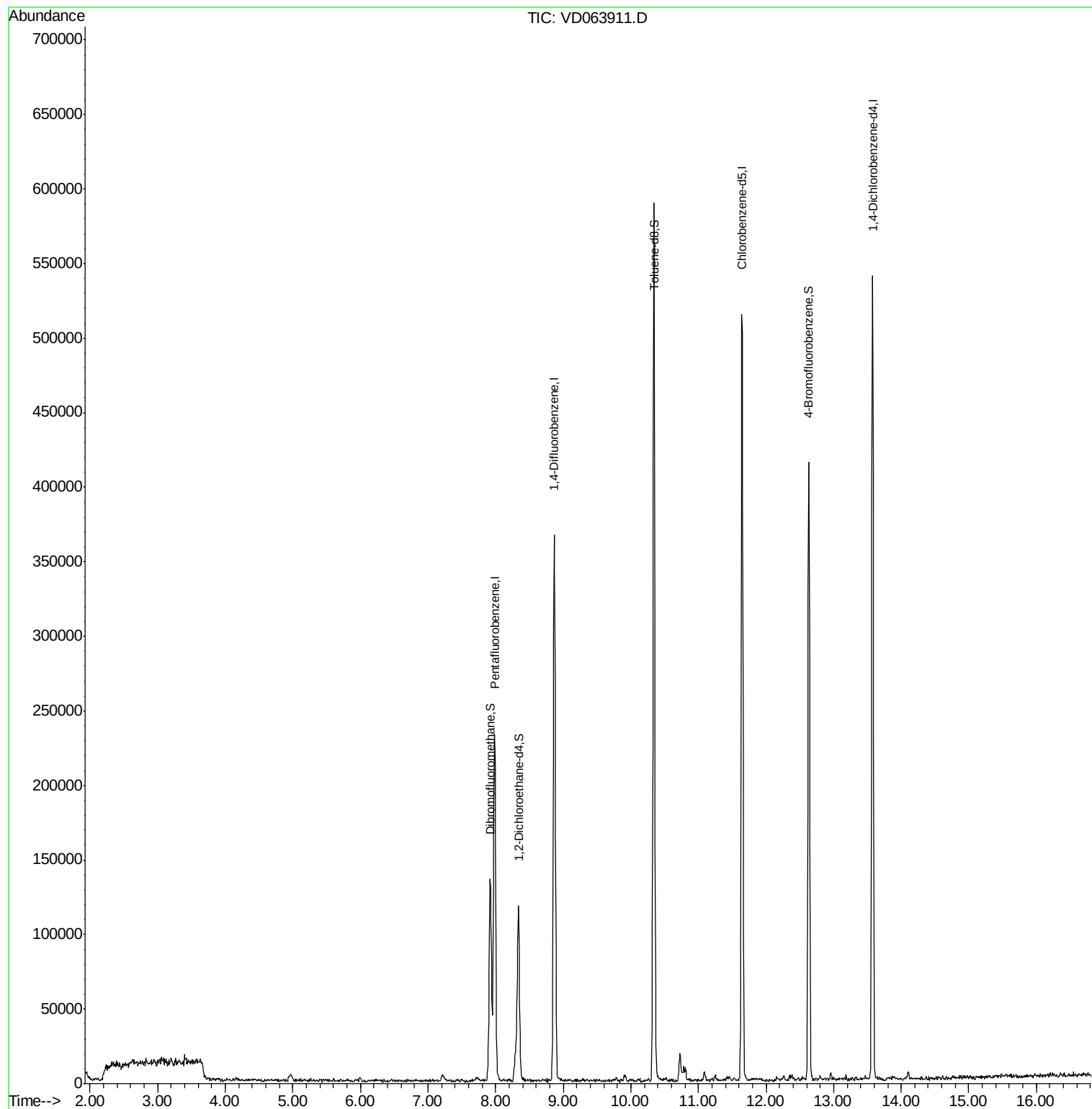
Target Compounds	Qvalue
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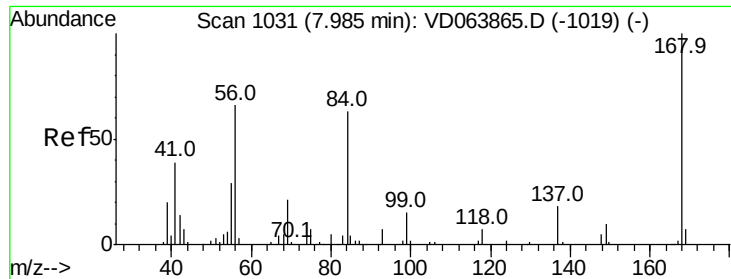
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

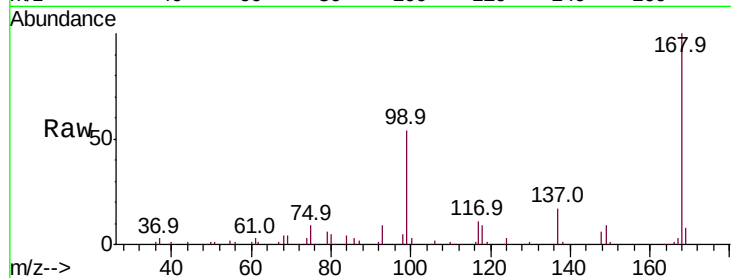
TP-18A-D

Tot Ion:168 Resp: 174857

Ion Ratio Lower Upper

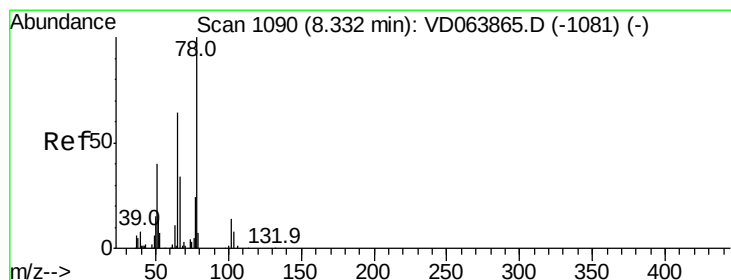
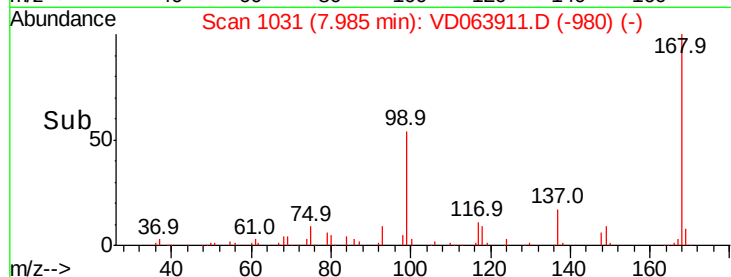
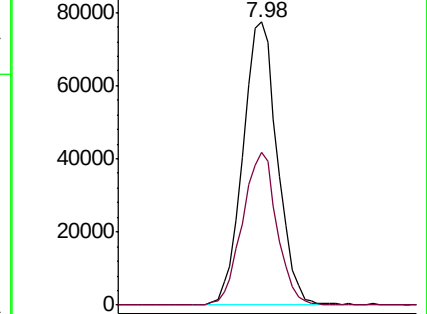
168 100

99 53.9 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: 51.081 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063911.D

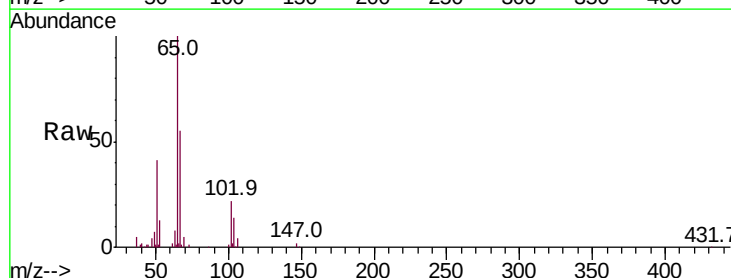
Acq: 10 Oct 2019 15:41

Tgt Ion: 65 Resp: 86958

Ion Ratio Lower Upper

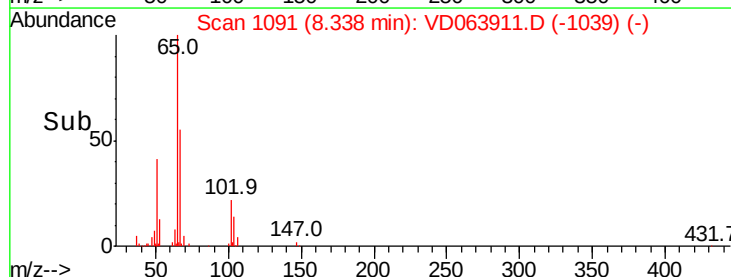
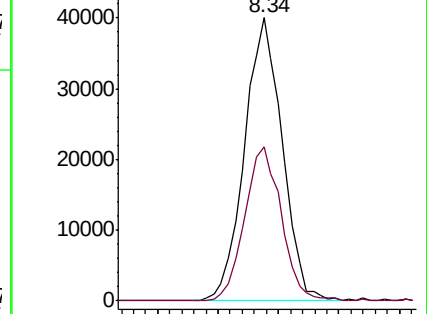
65 100

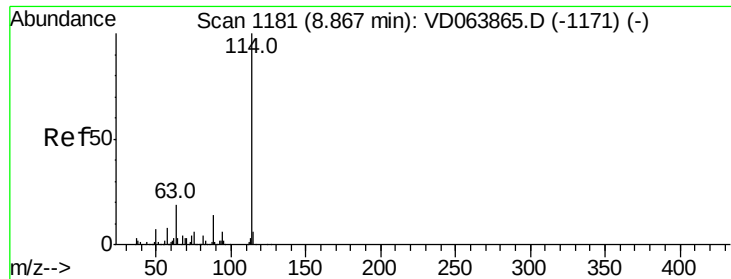
67 53.0 0.0 106.4



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

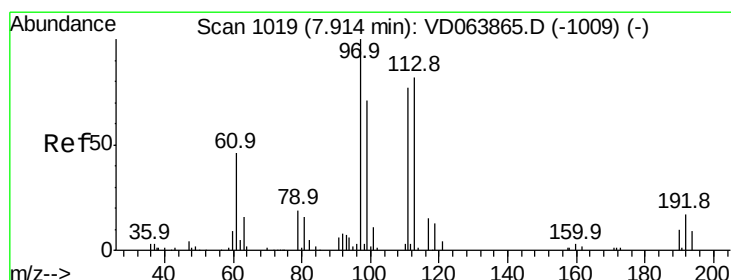
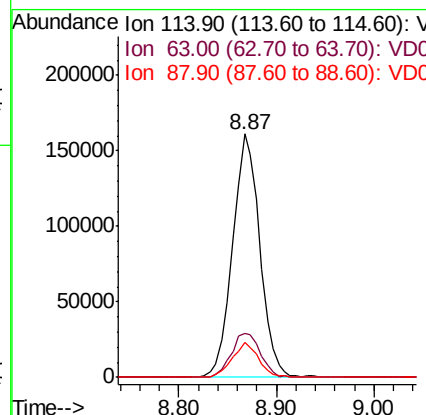
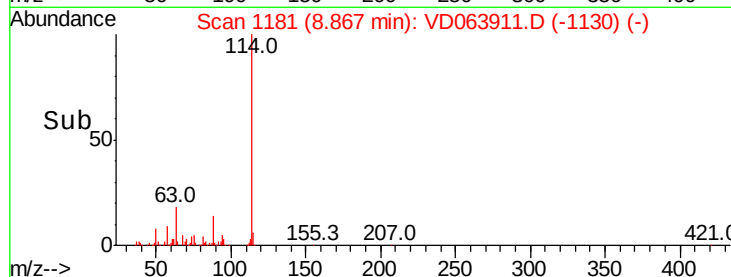
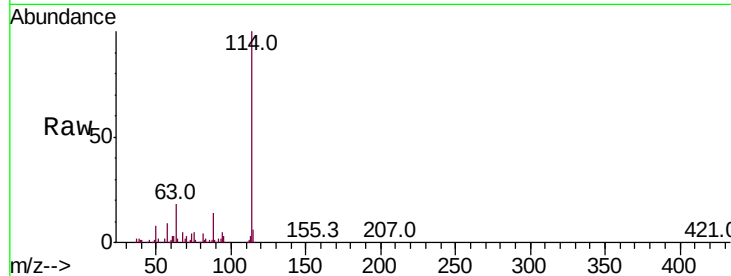
Lab File: VD063911.D

Acq: 10 Oct 2019 15:41

Instrument :
MSVOA_D
ClientSampleId :
TP-18A-D

Tot Ion:114 Resp: 310133

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.4
88	14.3	0.0	27.4



#35

Dibromofluoromethane

Concen: 48.869 ug/l

RT: 7.92 min Scan# 1020

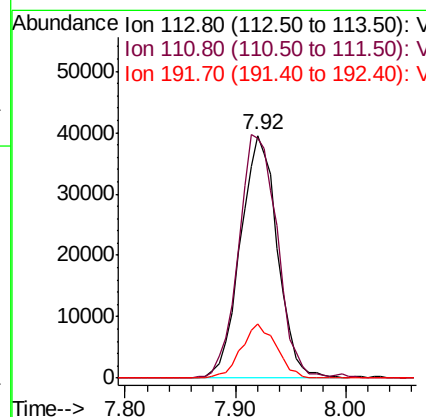
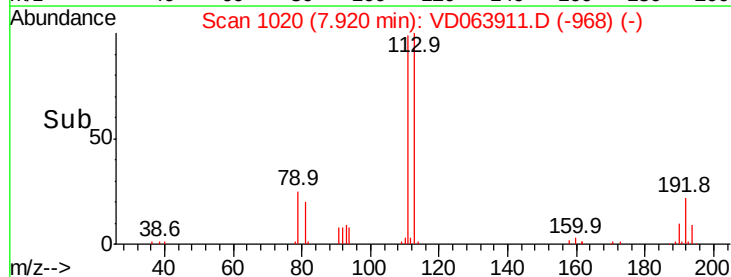
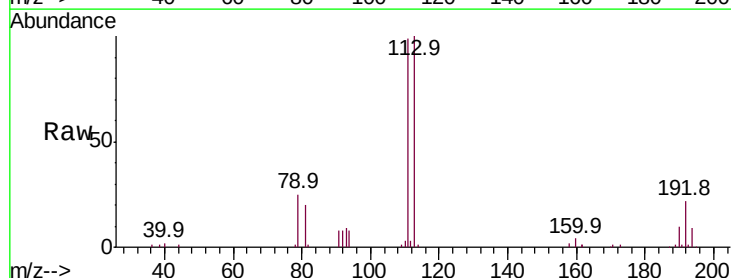
Delta R.T. 0.01 min

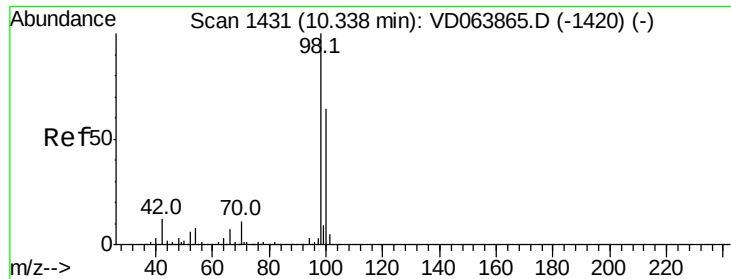
Lab File: VD063911.D

Acq: 10 Oct 2019 15:41

Tgt Ion:113 Resp: 92623

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.6	123.8
192	21.4	17.1	25.7

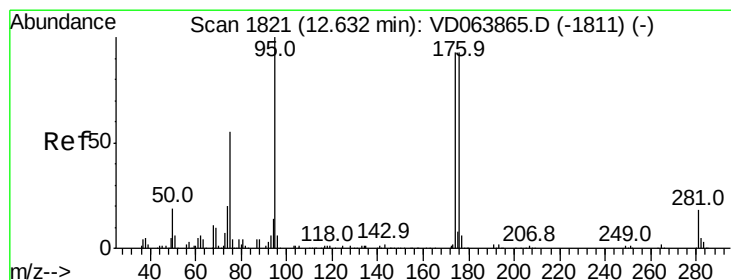
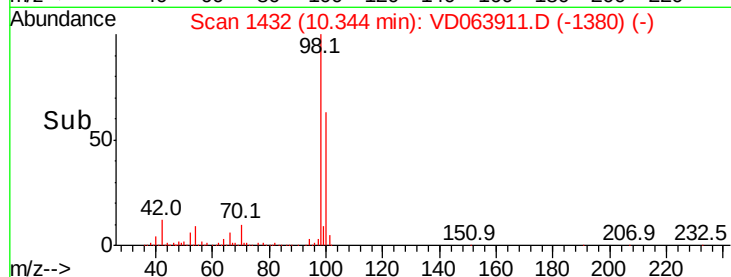
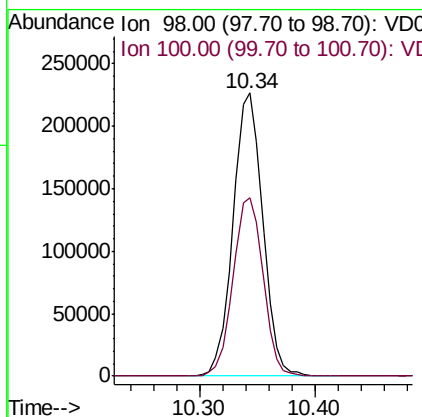
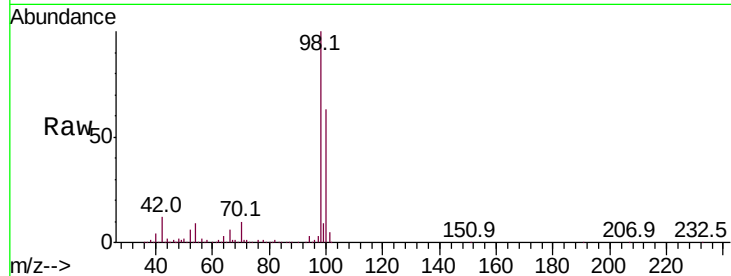




#50
Toluene-d8
Concen: 52.526 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063911.D
Acq: 10 Oct 2019 15:41

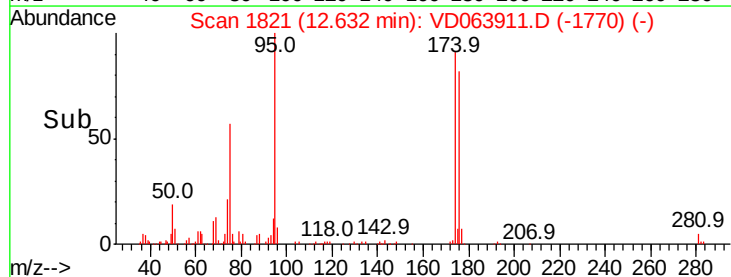
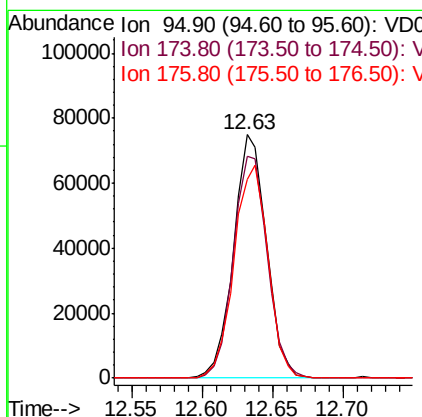
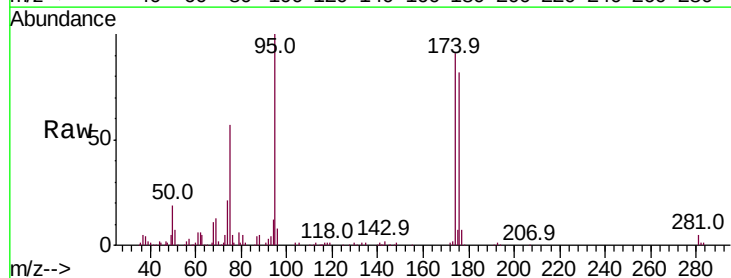
Instrument :
MSVOA_D
ClientSampled :
TP-18A-D

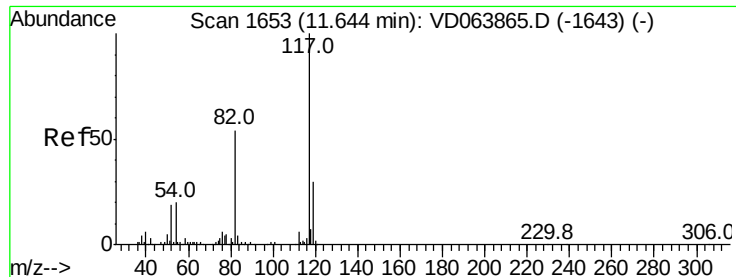
Tot Ion: 98 Resp: 404074
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.622 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063911.D
Acq: 10 Oct 2019 15:41

Tgt Ion: 95 Resp: 121959
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.4
176 90.2 0.0 184.2

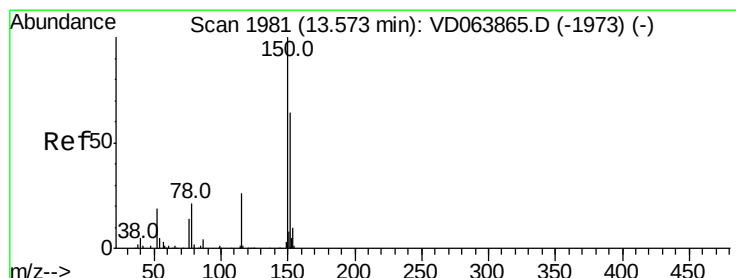
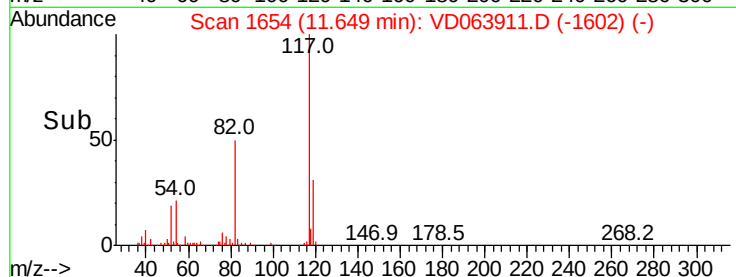
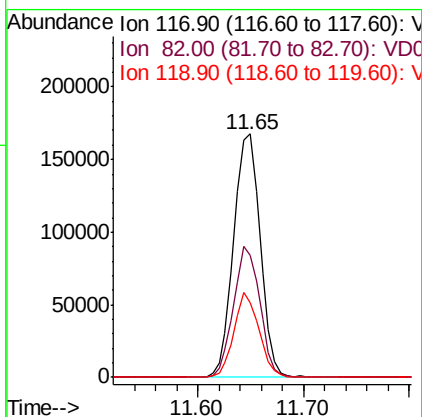
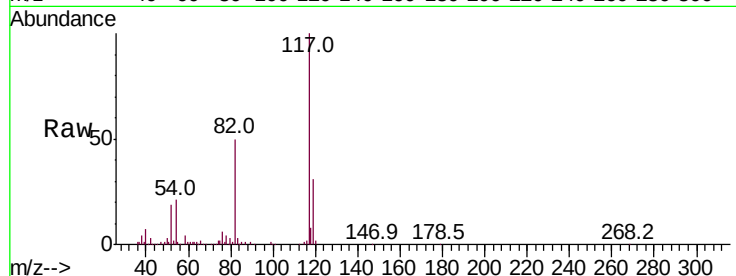




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063911.D
Acq: 10 Oct 2019 15:41

Instrument :
MSVOA_D
ClientSampled :
TP-18A-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.8	64.2
119	30.7	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: VD063911.D
Acq: 10 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	25.9	77.7
150	153.2	0.0	344.2

