

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063924.D
 Acq On : 10 Oct 2019 21:49
 Operator : VA/SY
 Sample : K5298-03
 Misc : 6.49G/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Oct 11 08:36:09 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	7.99	168	161425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	288307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	285969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135856	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	87606	55.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.48%	
35) Dibromofluoromethane	7.92	113	86420	49.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.10%	
50) Toluene-d8	10.34	98	377544	52.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.63	95	115659	46.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.08%	

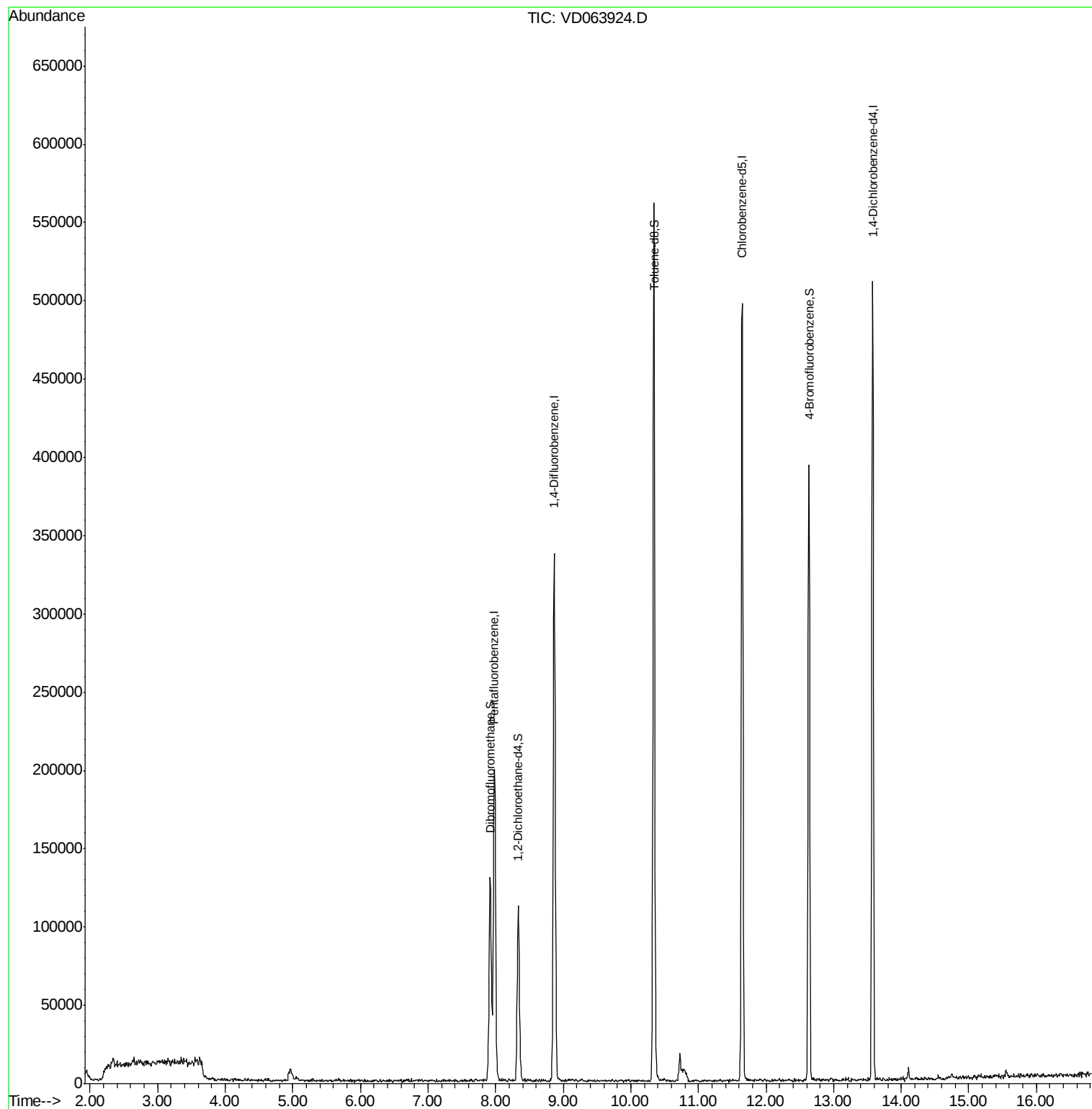
Target Compounds	Qvalue
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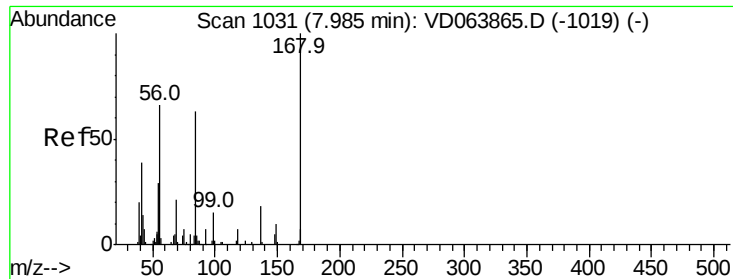
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

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ClientSampleId :

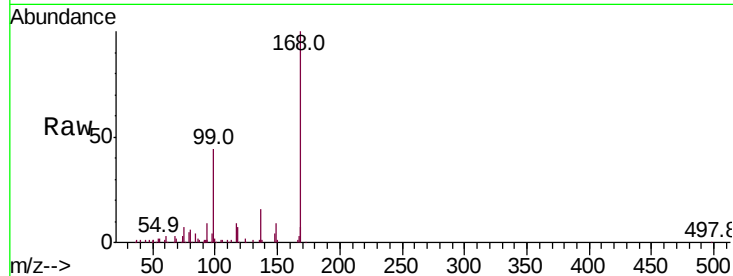
TP-9

Tot Ion:168 Resp: 161425

Ion Ratio Lower Upper

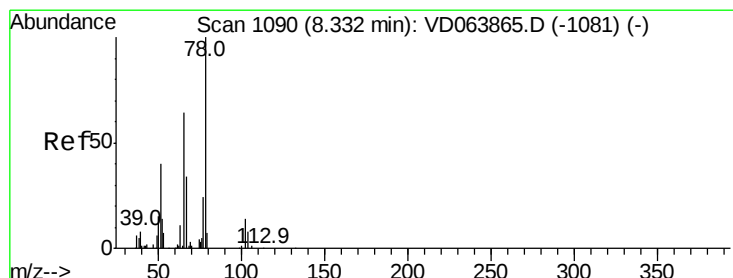
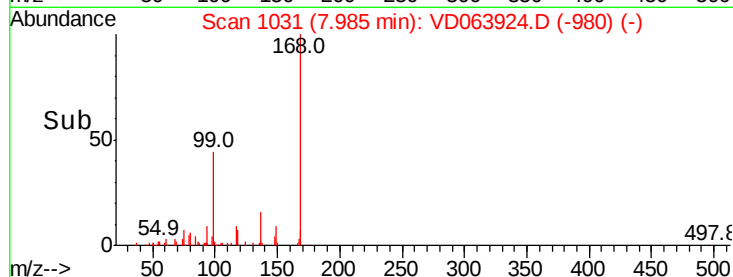
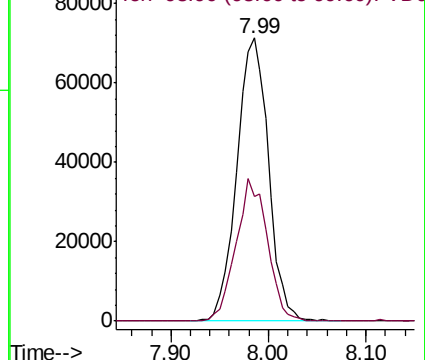
168 100

99 44.1 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: 55.743 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063924.D

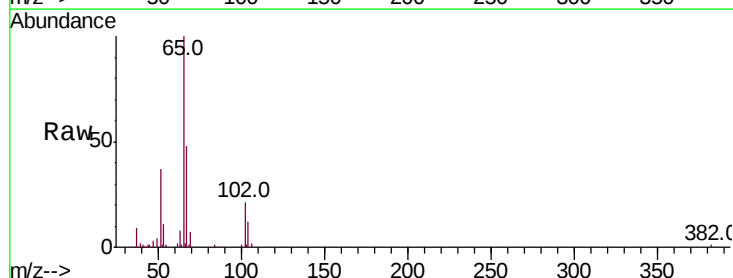
Acq: 10 Oct 2019 21:49

Tgt Ion: 65 Resp: 87606

Ion Ratio Lower Upper

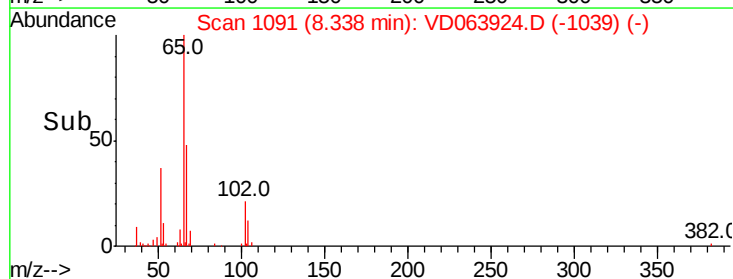
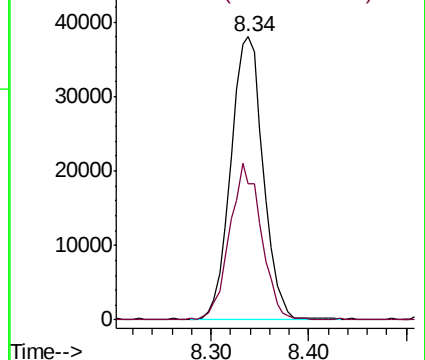
65 100

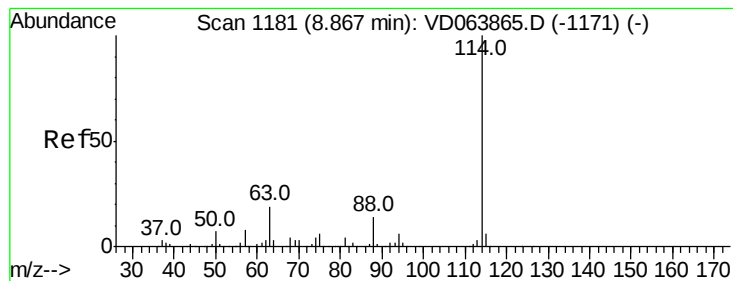
67 54.0 0.0 106.4



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: VD063924.D

Acq: 10 Oct 2019 21:49

Instrument :

MSVOA_D

ClientSampleId :

TP-9

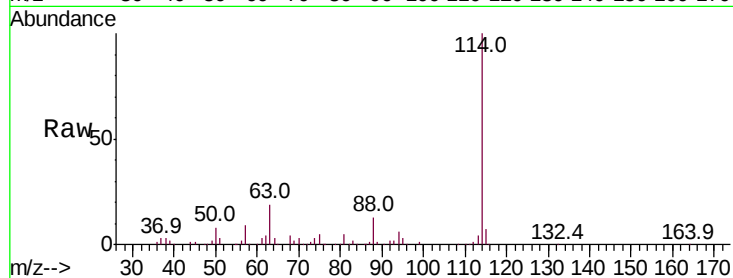
Tot Ion:114 Resp: 288307

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

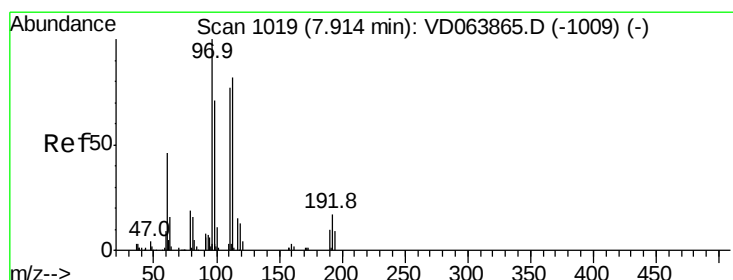
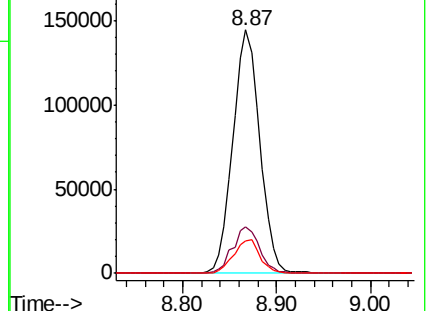
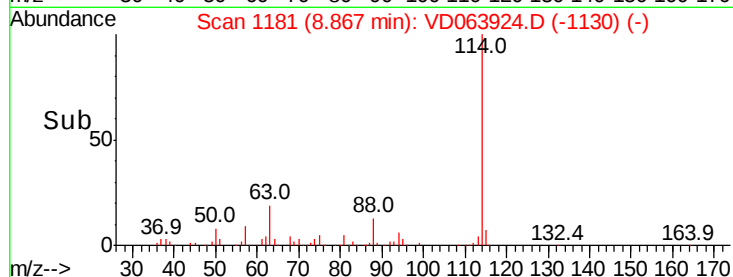
88 13.2 0.0 27.4



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: 49.048 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

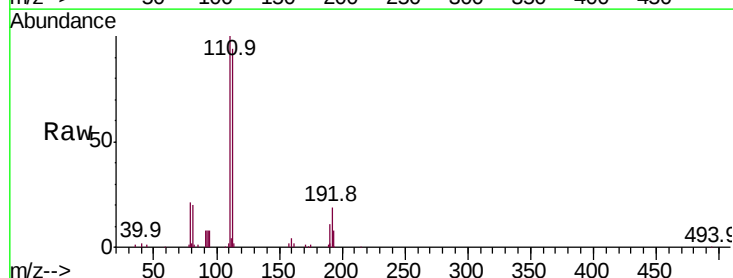
Tgt Ion:113 Resp: 86420

Ion Ratio Lower Upper

113 100

111 107.6 82.6 123.8

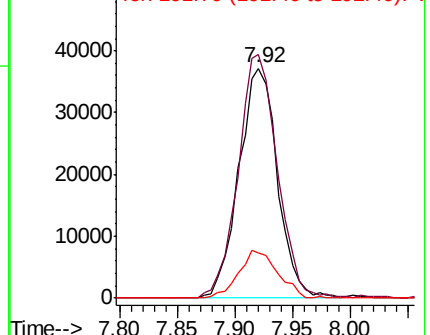
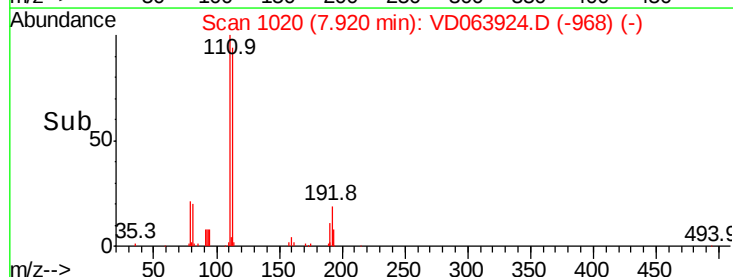
192 20.8 17.1 25.7

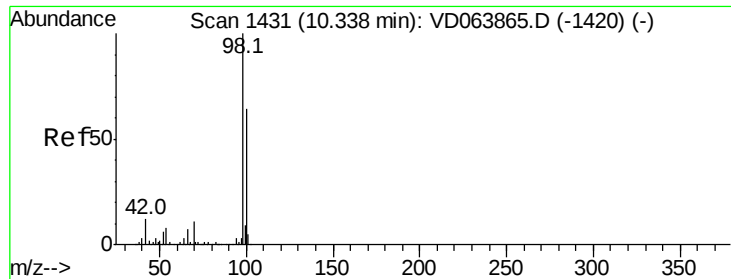


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.793 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

Instrument :

MSVOA_D

ClientSampleId :

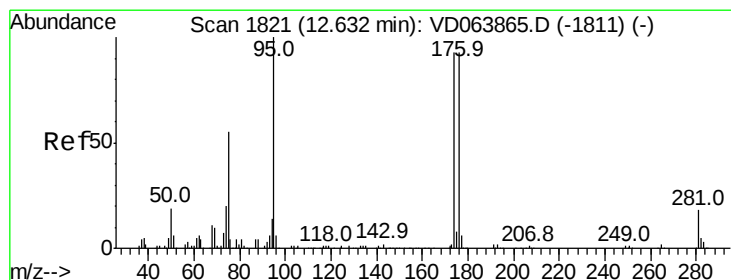
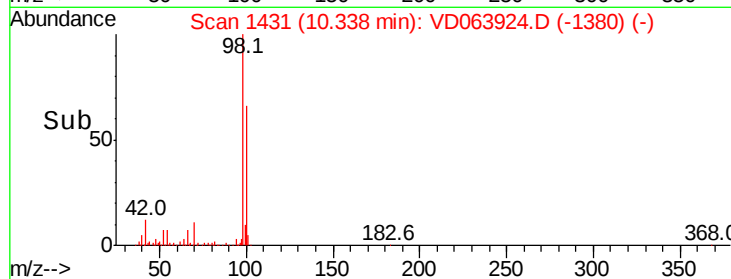
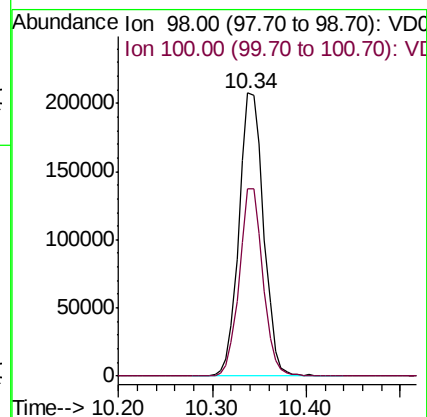
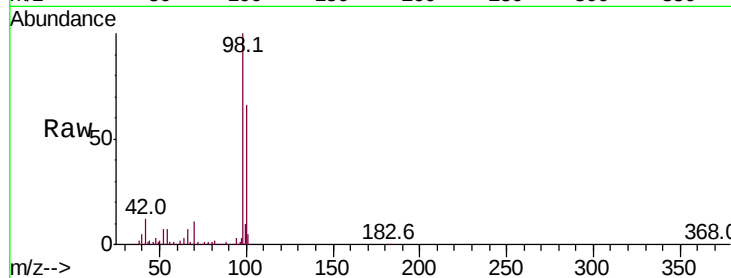
TP-9

Tot Ion: 98 Resp: 377544

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.541 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

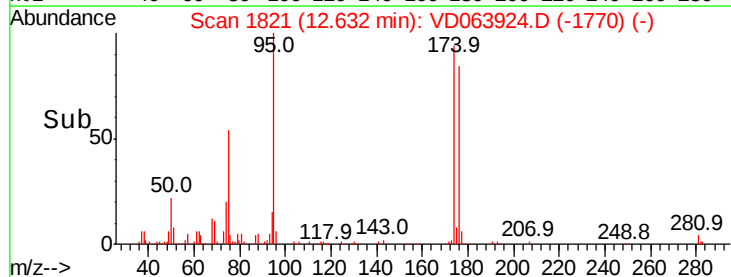
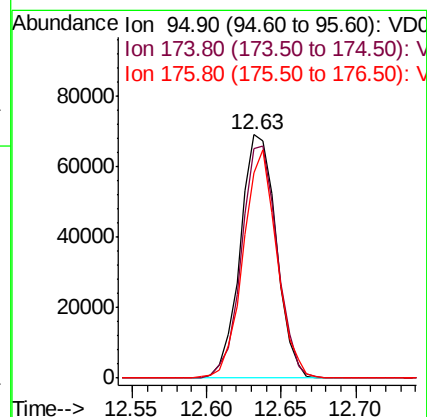
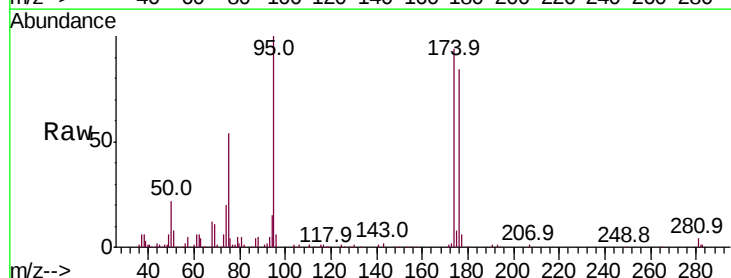
Tgt Ion: 95 Resp: 115659

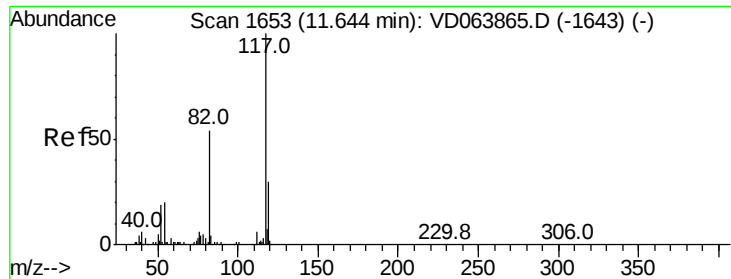
Ion Ratio Lower Upper

95 100

174 94.5 0.0 186.4

176 88.5 0.0 184.2

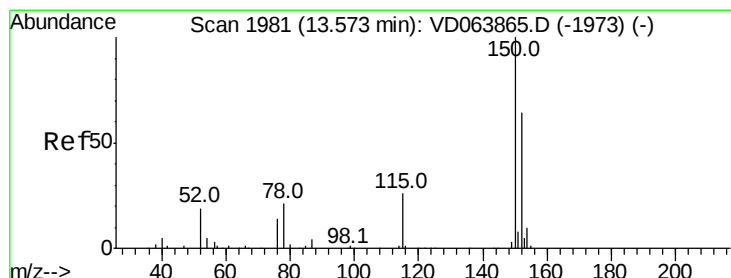
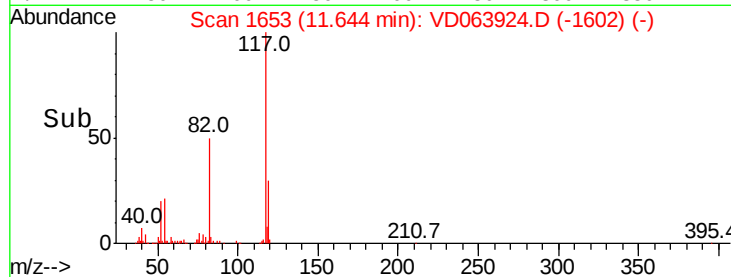
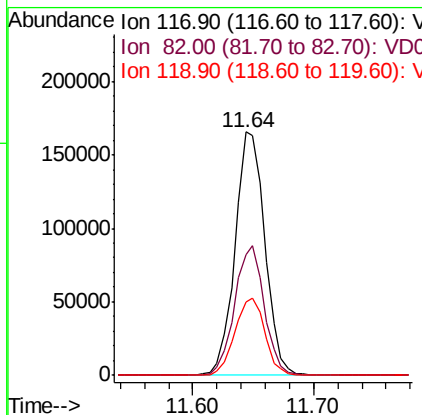
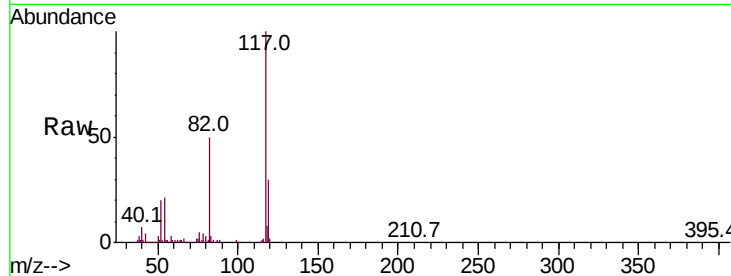




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

Instrument :
MSVOA_D
ClientSampled :
TP-9

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.8	64.2
119	30.2	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: VD063924.D
Acq: 10 Oct 2019 21:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	25.9	77.7
150	154.5	0.0	344.2

