

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064075.D
 Acq On : 25 Oct 2019 19:51
 Operator : VA/SY
 Sample : K5541-16
 Misc : 4.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-12-(2.5)

Quant Time: Oct 26 00:56:38 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	15656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	24016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	28199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	13487	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	13184	86.50	ug/l	0.00
Spiked Amount			Recovery	=	173.00%	
35) Dibromofluoromethane	7.92	113	9463	64.48	ug/l	0.00
Spiked Amount			Recovery	=	128.96%	
50) Toluene-d8	10.34	98	31419	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.64	95	11058	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	

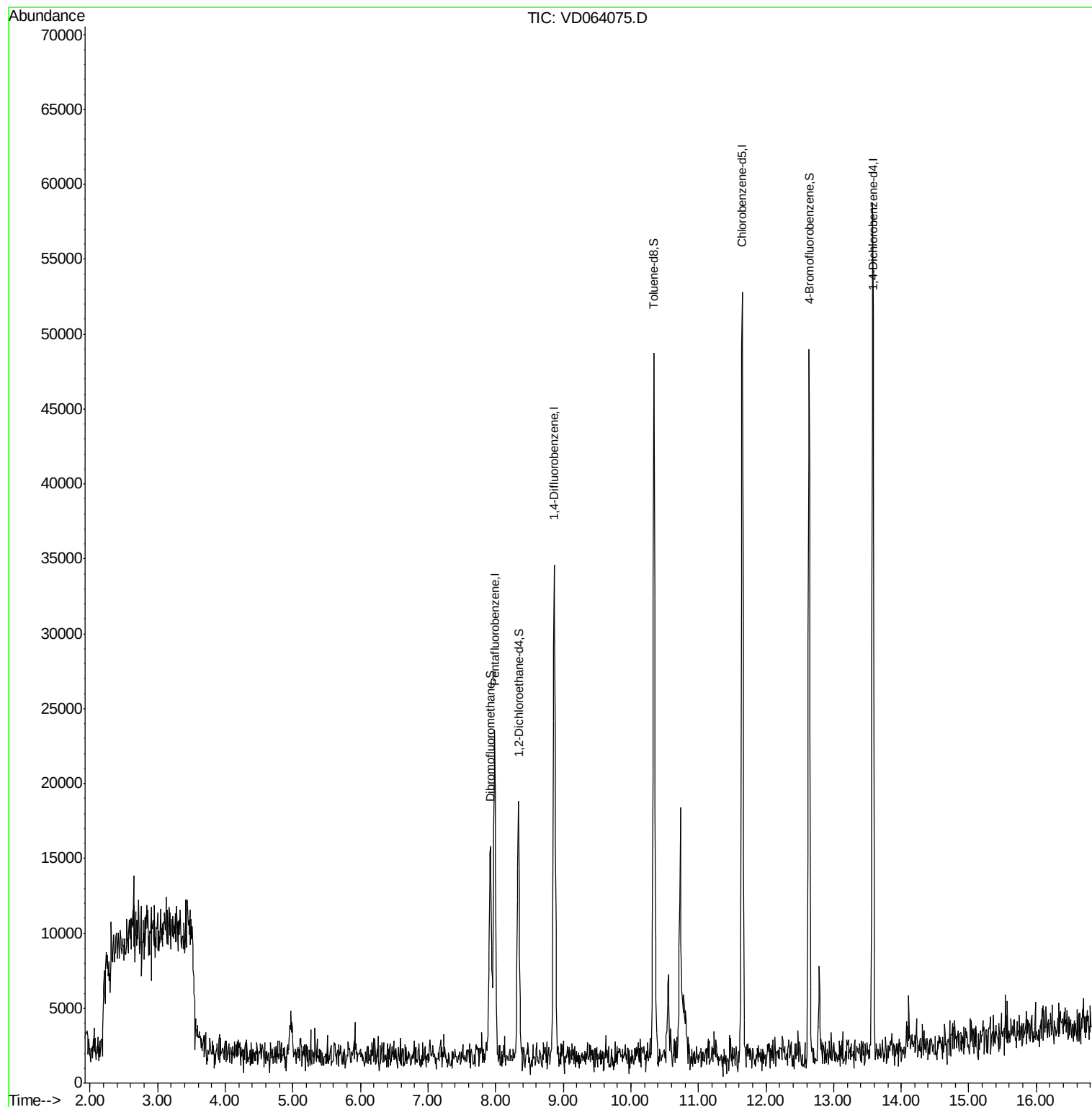
Target Compounds	Qvalue
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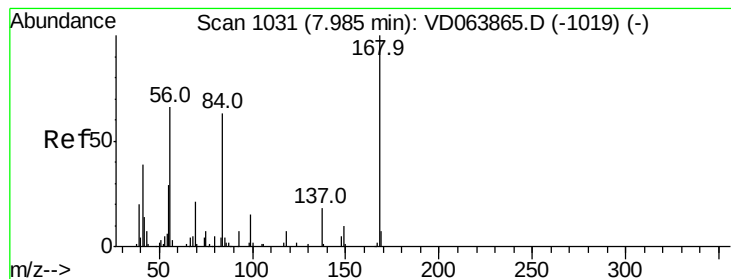
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064075.D

Acq: 25 Oct 2019 19:51

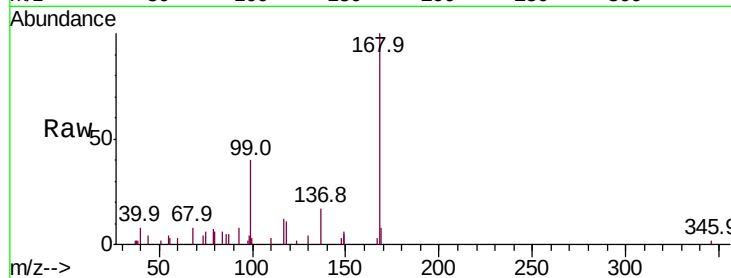
Instrument :
MSVOA_D
ClientSampleId :
18-12-(2.5)

Tot Ion:168 Resp: 15656

Ion Ratio Lower Upper

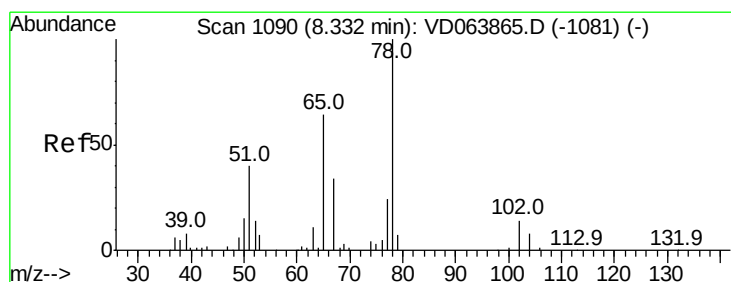
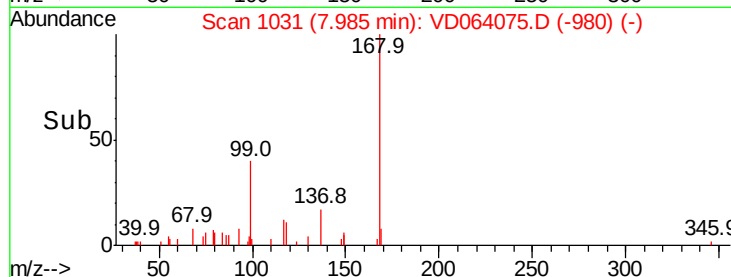
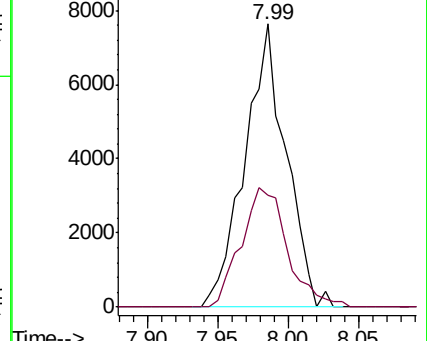
168 100

99 39.6 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: 86.496 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064075.D

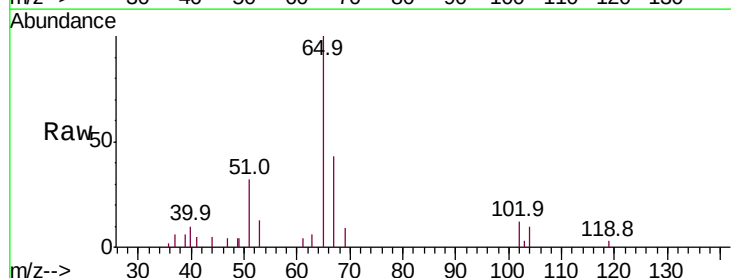
Acq: 25 Oct 2019 19:51

Tgt Ion: 65 Resp: 13184

Ion Ratio Lower Upper

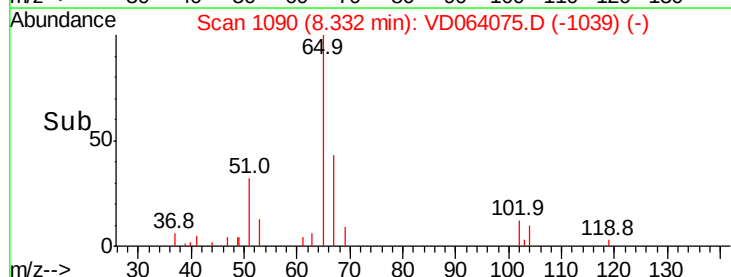
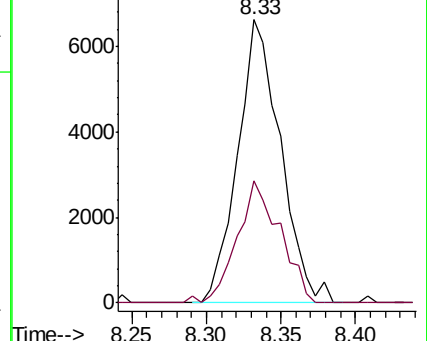
65 100

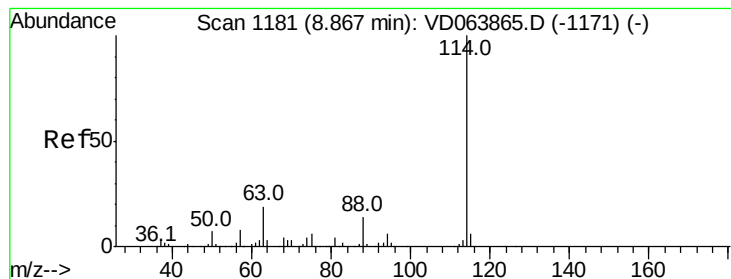
67 43.4 0.0 106.4



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: VD064075.D

Acq: 25 Oct 2019 19:51

Instrument :

MSVOA_D

ClientSampleId :

18-12-(2.5)

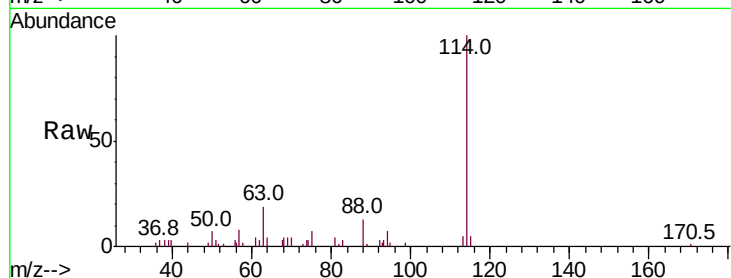
Tot Ion:114 Resp: 24016

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

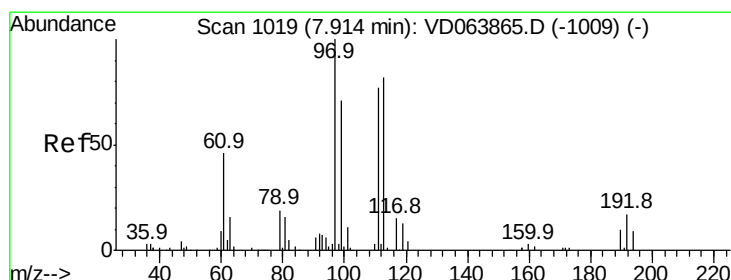
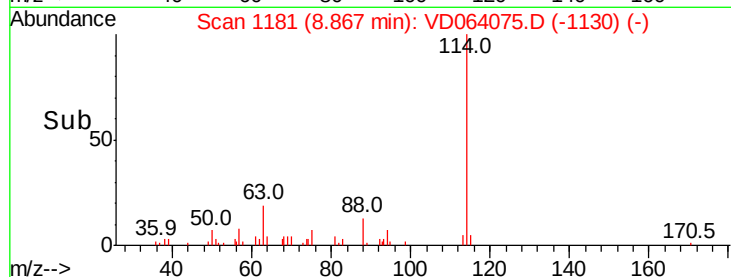
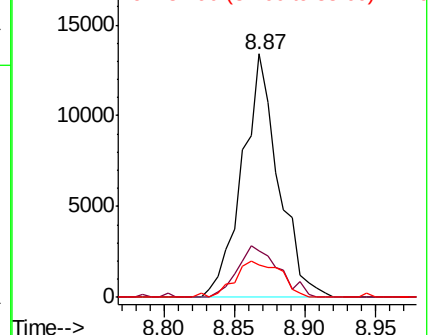
88 13.5 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 64.475 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064075.D

Acq: 25 Oct 2019 19:51

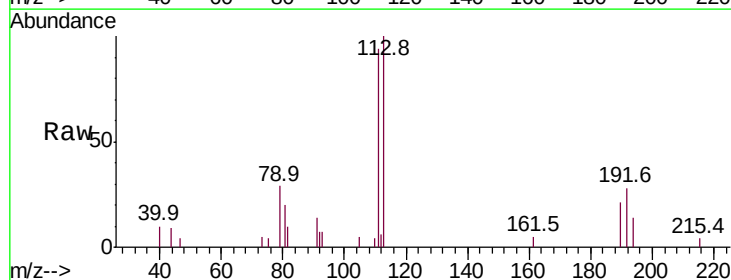
Tgt Ion:113 Resp: 9463

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

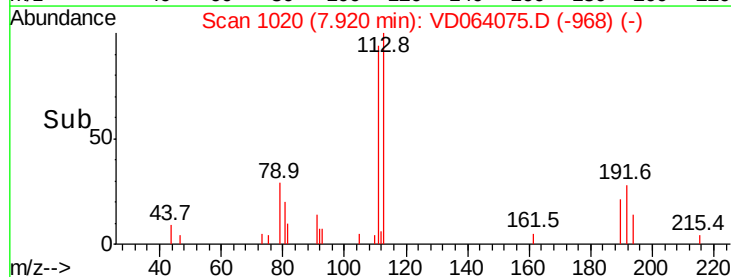
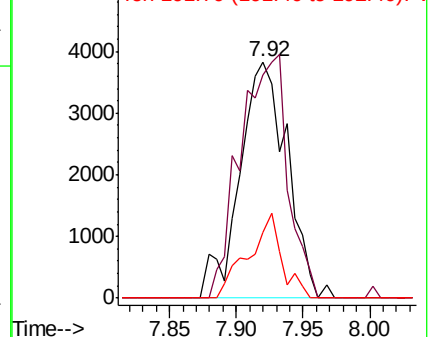
192 25.2 17.1 25.7

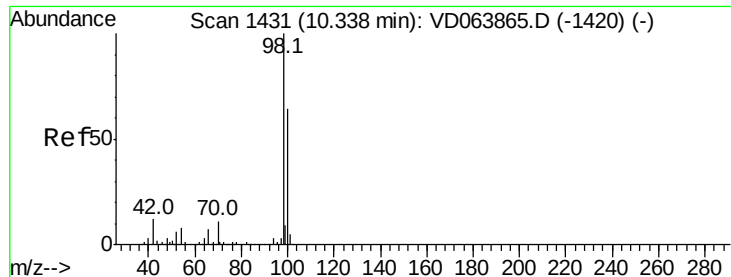


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.742 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD064075.D

Acq: 25 Oct 2019 19:51

Instrument :

MSVOA_D

ClientSampleId :

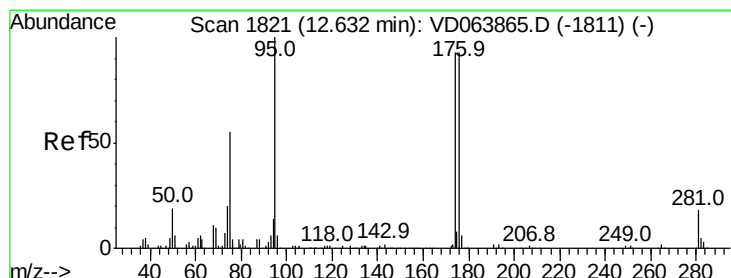
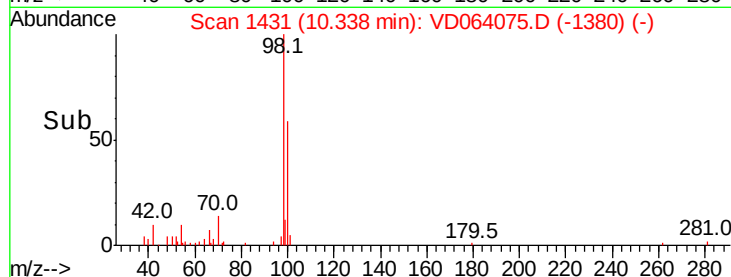
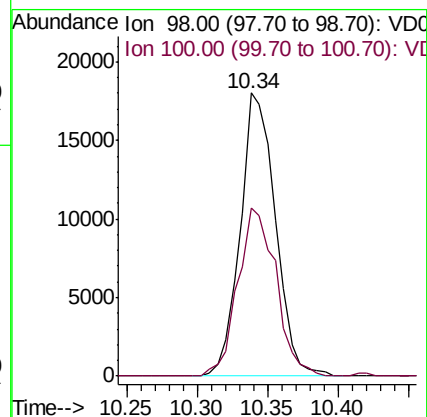
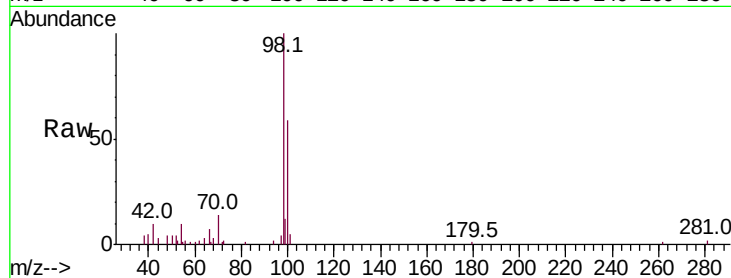
18-12-(2.5)

Tot Ion: 98 Resp: 31419

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 53.418 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064075.D

Acq: 25 Oct 2019 19:51

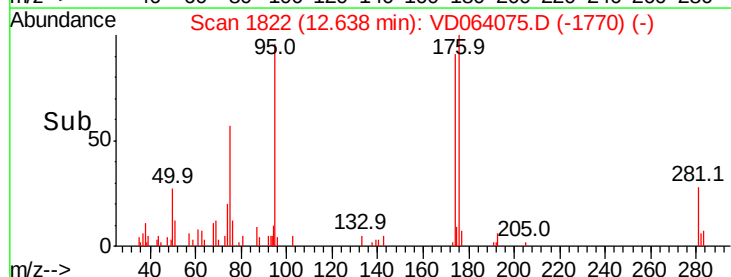
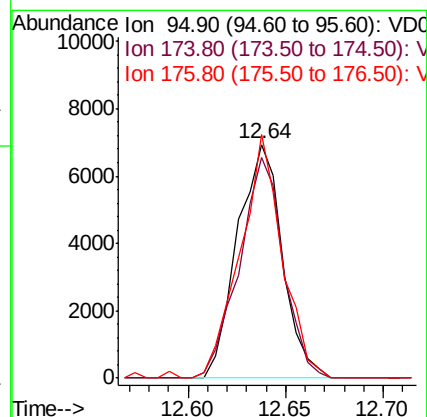
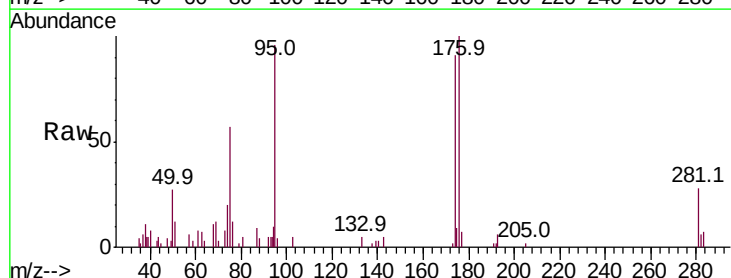
Tgt Ion: 95 Resp: 11058

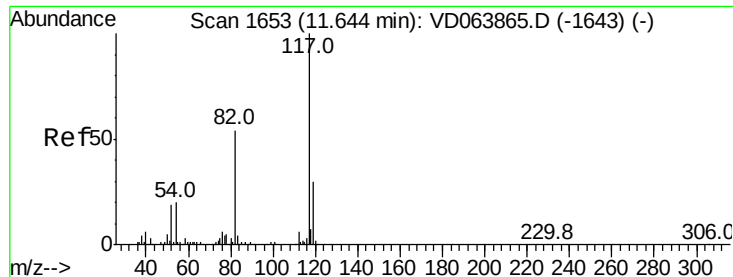
Ion Ratio Lower Upper

95 100

174 92.3 0.0 186.4

176 97.5 0.0 184.2

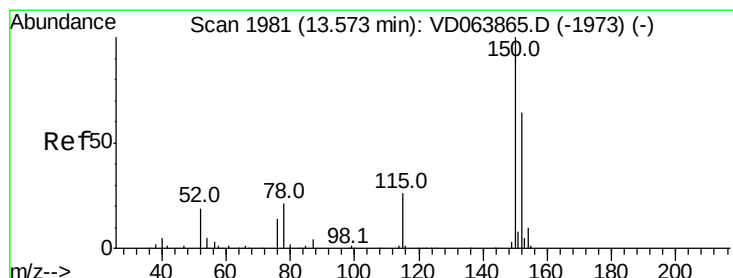
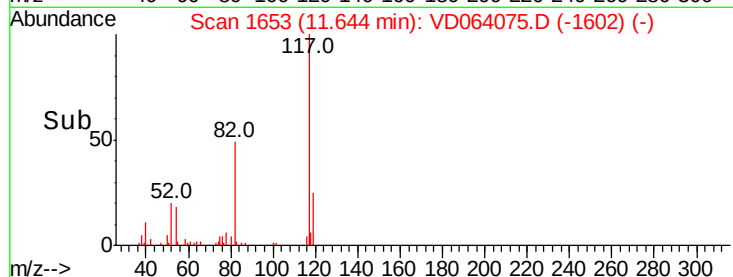
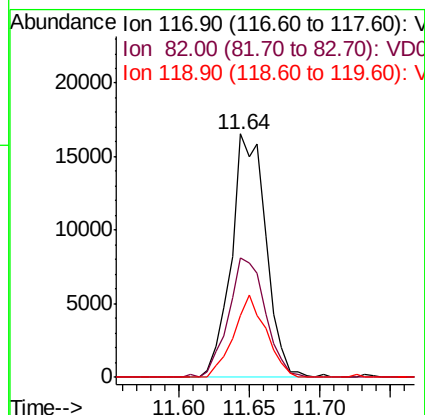
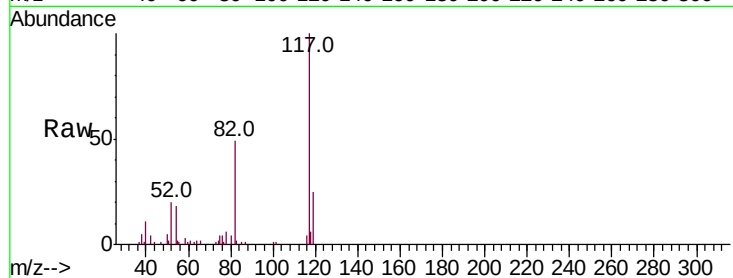




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD064075.D
Acq: 25 Oct 2019 19:51

Instrument :
MSVOA_D
ClientSampleId :
18-12-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	42.8	64.2
119	25.4	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: VD064075.D
Acq: 25 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.1	25.9	77.7
150	161.0	0.0	344.2

