

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064024.D
 Acq On : 23 Oct 2019 16:47
 Operator : VA/SY
 Sample : K5497-08
 Misc : 5.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 168-74-(1)

Quant Time: Oct 24 06:47:52 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	148976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	298688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	305774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144778	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	91001	62.74	ug/l	0.00
Spiked Amount			Recovery	=	125.48%	
35) Dibromofluoromethane	7.92	113	92896	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
50) Toluene-d8	10.34	98	399233	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.64	95	118875	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	

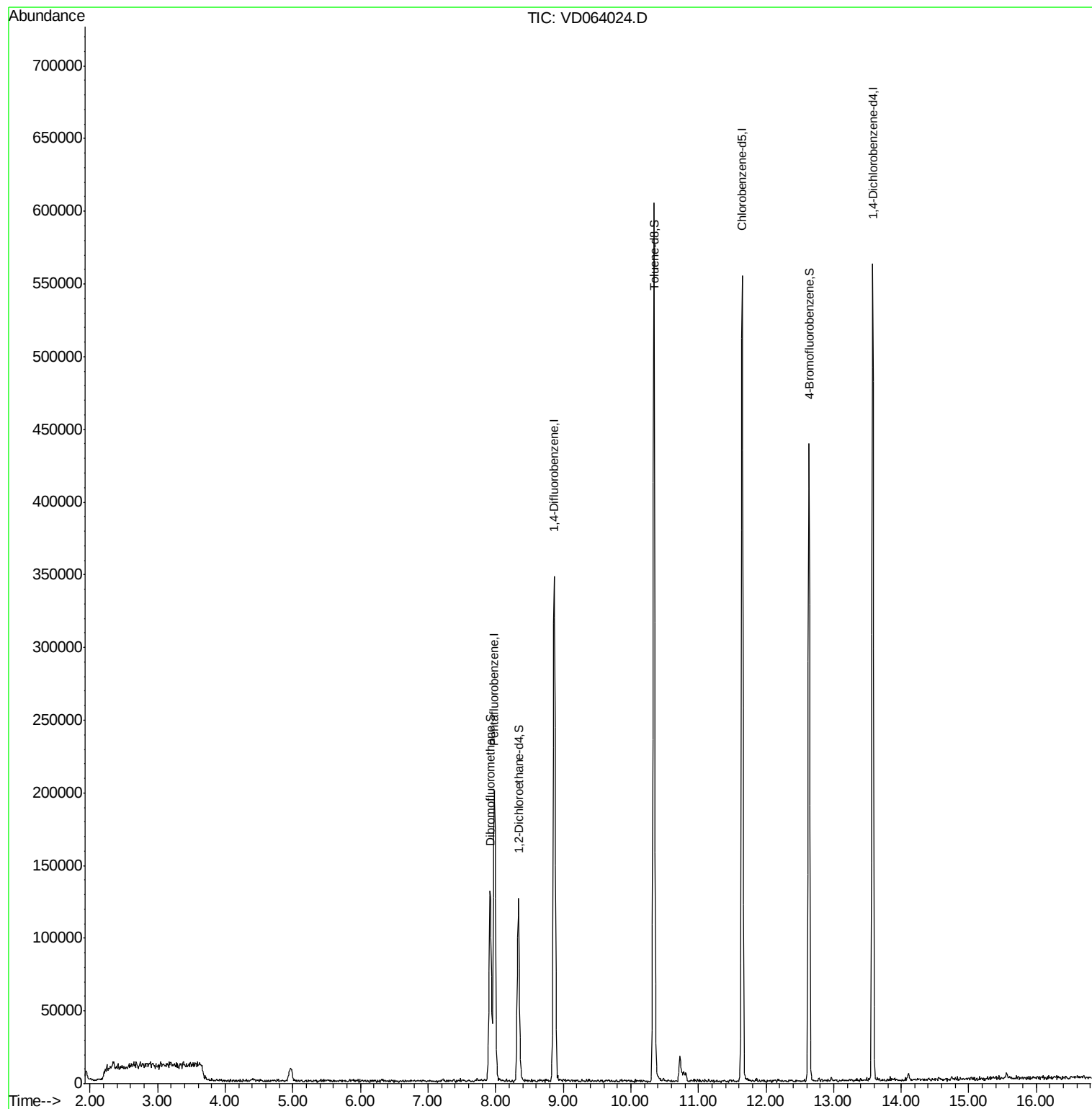
Target Compounds	Qvalue
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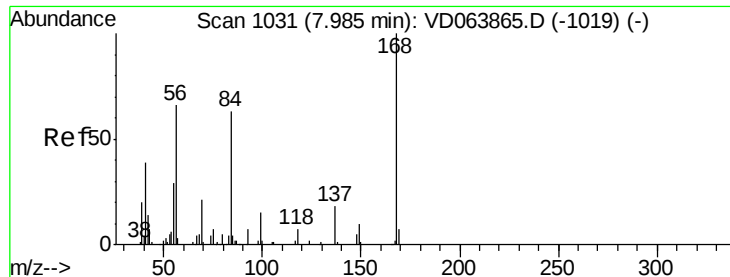
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064024.D

Acq: 23 Oct 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

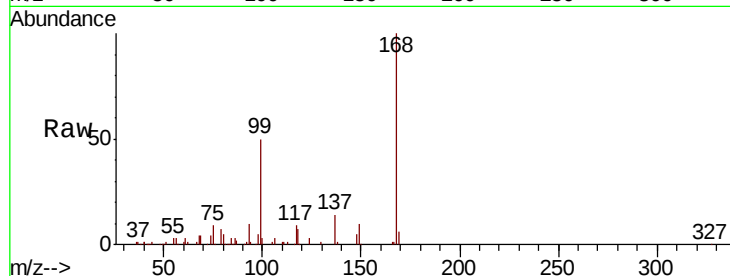
168-74-(1)

Tot Ion:168 Resp: 148976

Ion Ratio Lower Upper

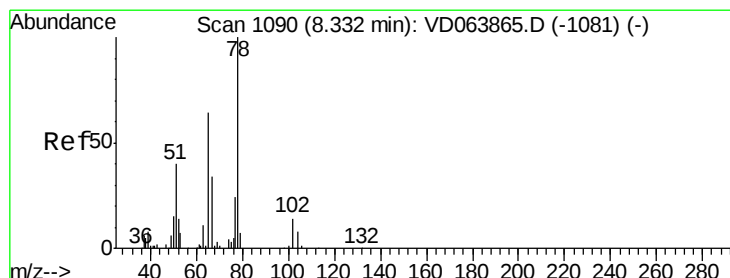
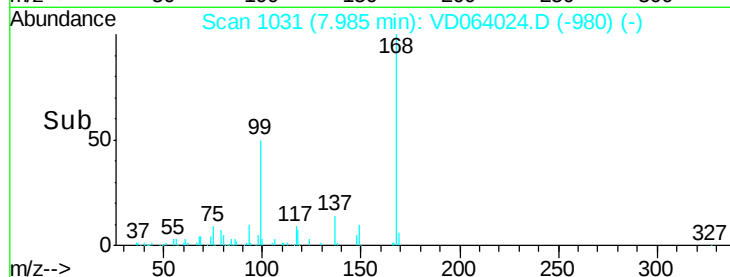
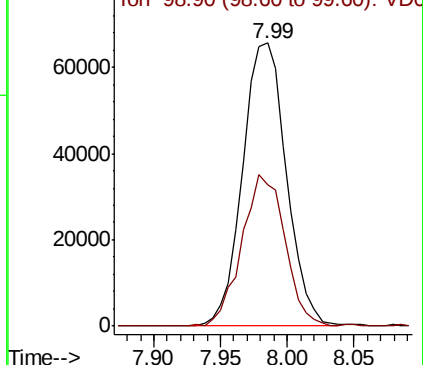
168 100

99 50.0 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: 62.742 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064024.D

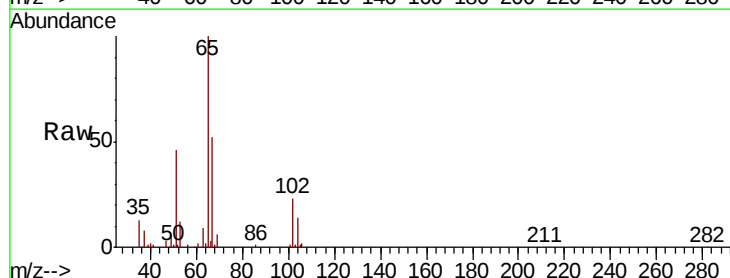
Acq: 23 Oct 2019 16:47

Tgt Ion: 65 Resp: 91001

Ion Ratio Lower Upper

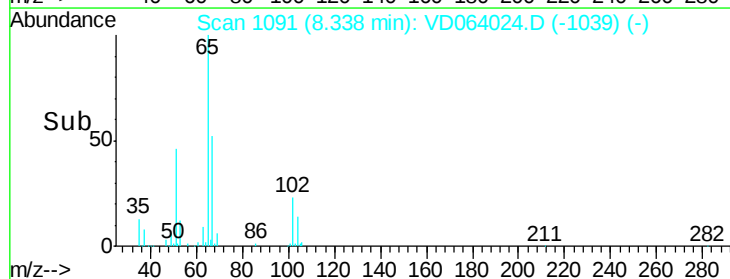
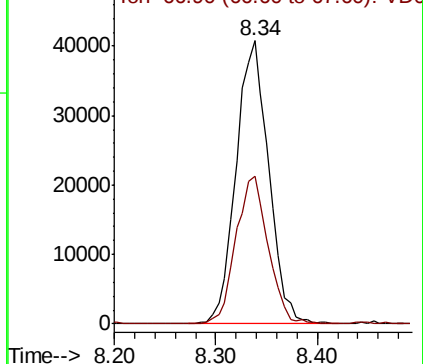
65 100

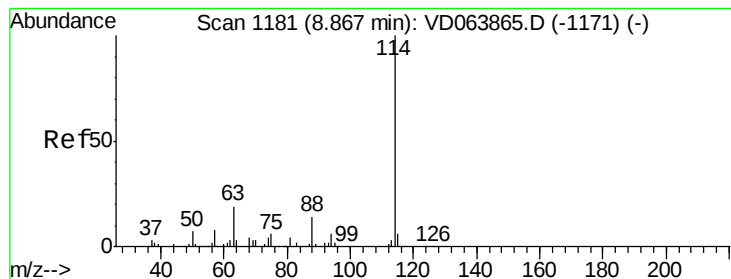
67 51.6 0.0 106.4



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: VD064024.D

Acq: 23 Oct 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

168-74-(1)

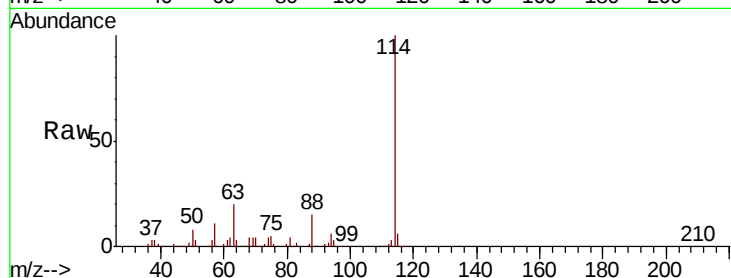
Tot Ion:114 Resp: 298688

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

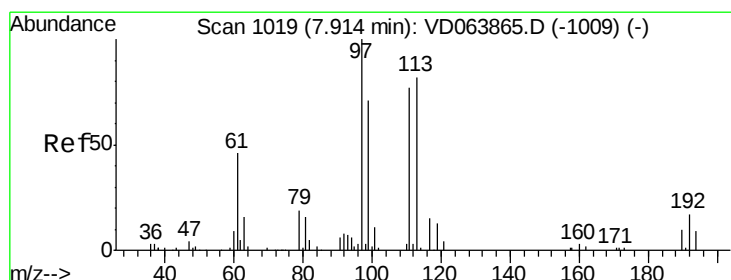
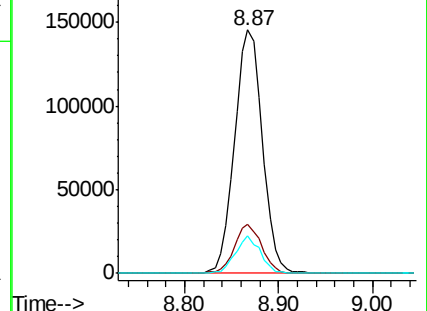
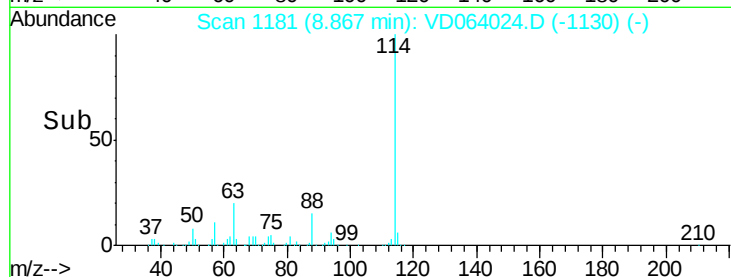
88 15.2 0.0 27.4



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: 50.891 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064024.D

Acq: 23 Oct 2019 16:47

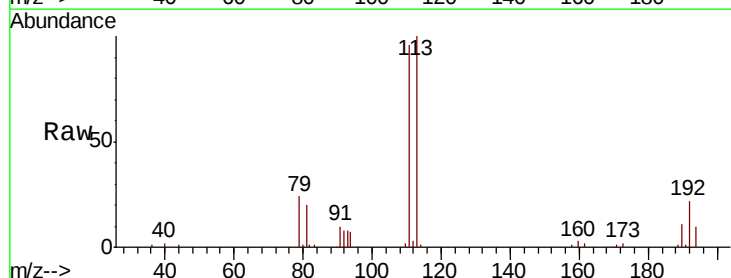
Tgt Ion:113 Resp: 92896

Ion Ratio Lower Upper

113 100

111 99.8 82.6 123.8

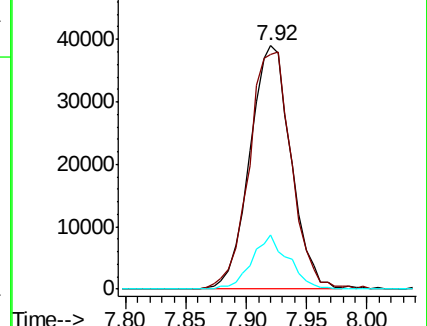
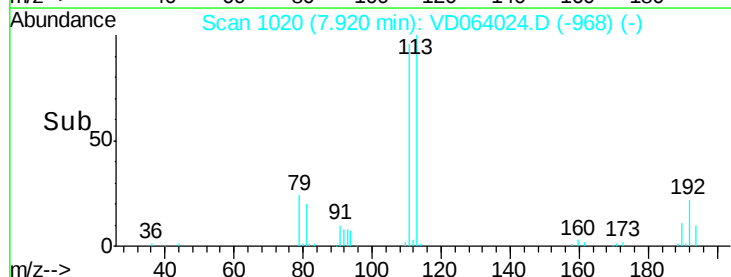
192 19.8 17.1 25.7

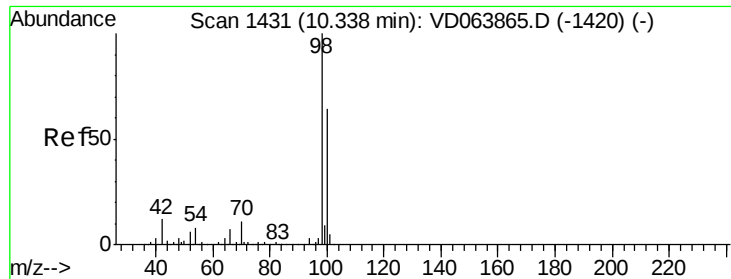


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.886 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064024.D

Acq: 23 Oct 2019 16:47

Instrument :

MSVOA_D

ClientSampled :

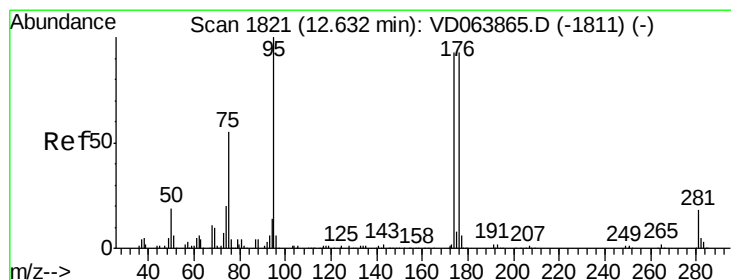
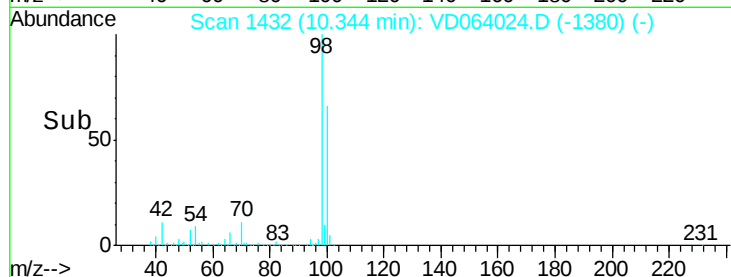
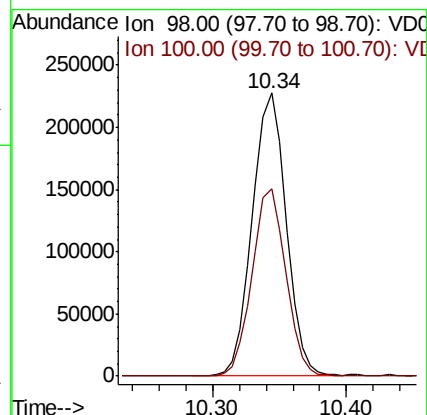
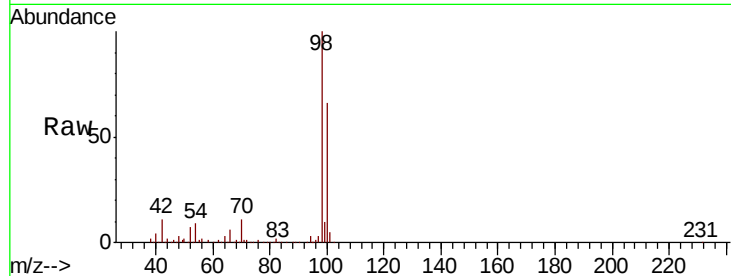
168-74-(1)

Tot Ion: 98 Resp: 399233

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.172 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064024.D

Acq: 23 Oct 2019 16:47

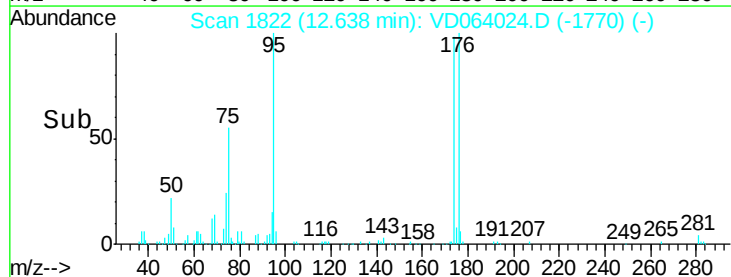
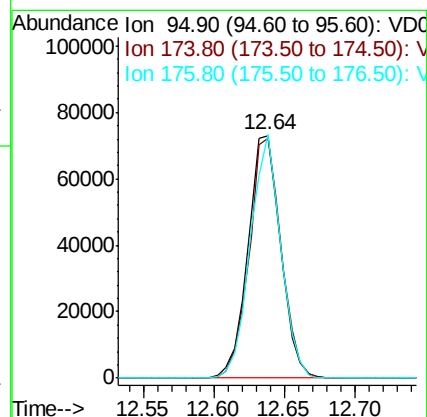
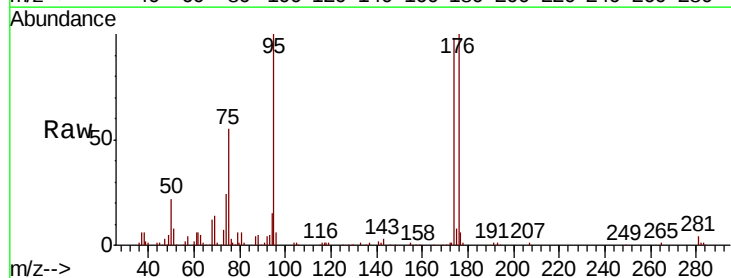
Tgt Ion: 95 Resp: 118875

Ion Ratio Lower Upper

95 100

174 96.8 0.0 186.4

176 93.6 0.0 184.2

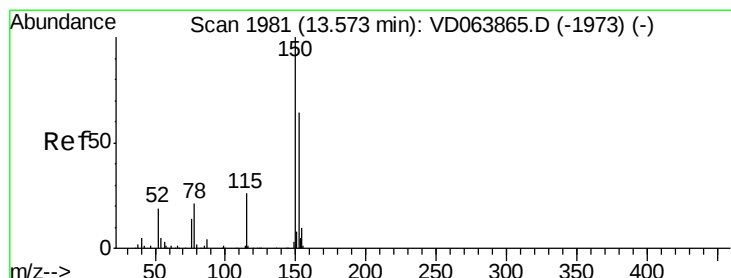
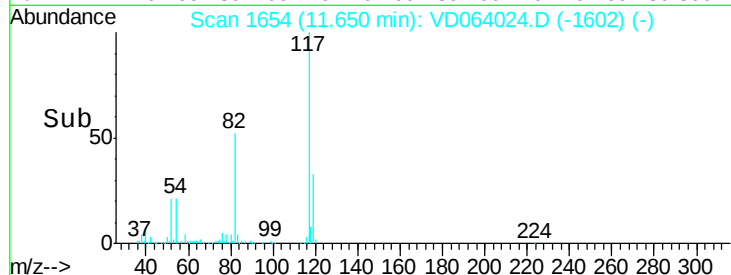
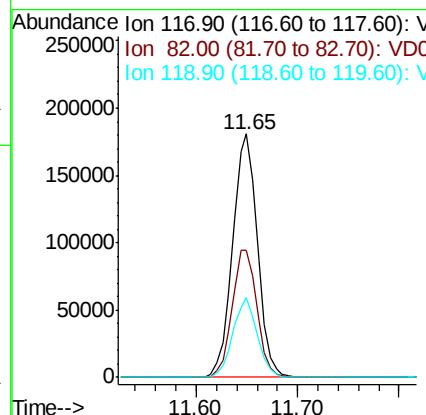
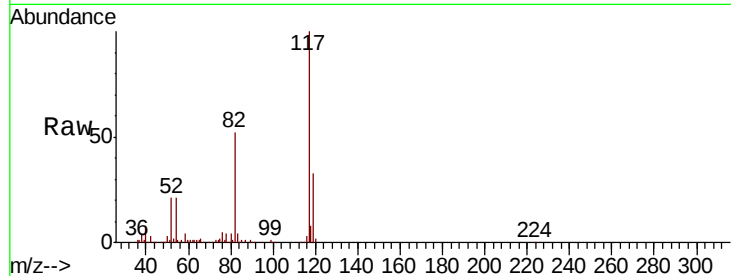




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064024.D
Acq: 23 Oct 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :
168-74-(1)

Tot Ion:117 Resp: 305774
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 32.9 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: VD064024.D
Acq: 23 Oct 2019 16:47

Tgt Ion:152 Resp: 144778
Ion Ratio Lower Upper
152 100
115 52.8 25.9 77.7
150 156.1 0.0 344.2

