

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064051.D
 Acq On : 24 Oct 2019 17:45
 Operator : VA/SY
 Sample : K5497-02
 Misc : 5.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 170-48-(1)

Quant Time: Oct 25 05:24:50 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	139771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	259884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	81278	59.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.46%	
35) Dibromofluoromethane	7.92	113	82888	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	10.34	98	351805	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.64	95	105593	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

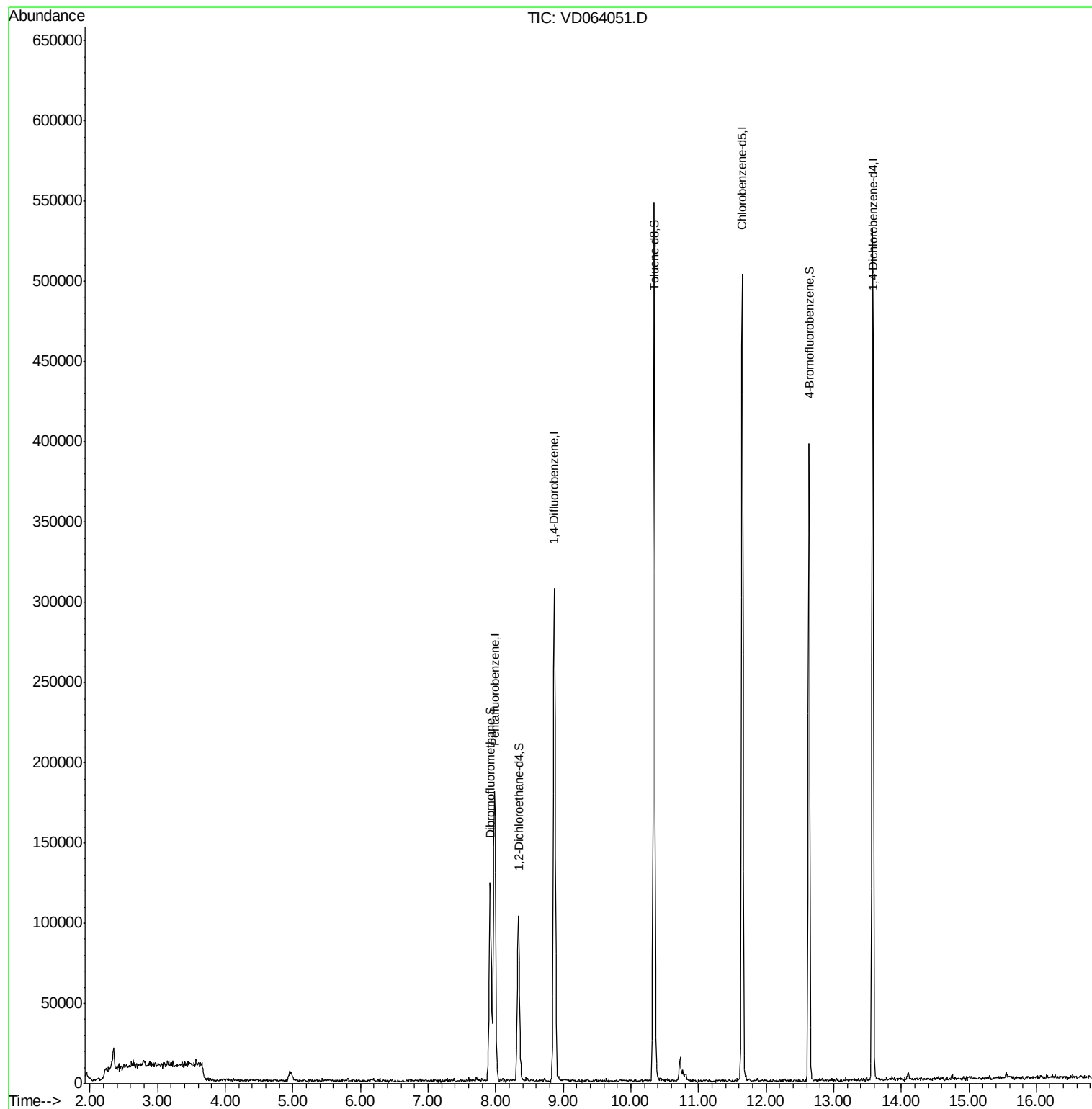
Target Compounds	Qvalue

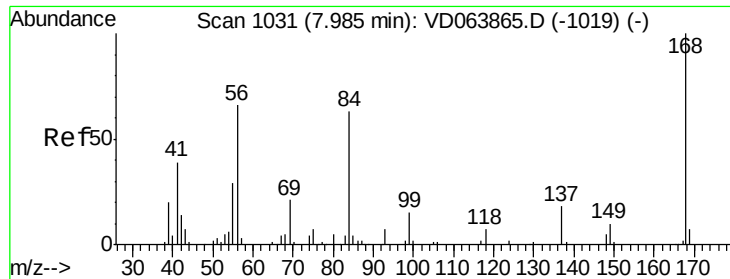
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064051.D

Acq: 24 Oct 2019 17:45

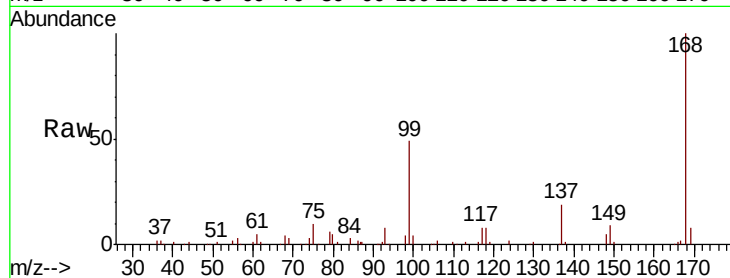
Instrument :
MSVOA_D
ClientSampled :
170-48-(1)

Tot Ion:168 Resp: 139771

Ion Ratio Lower Upper

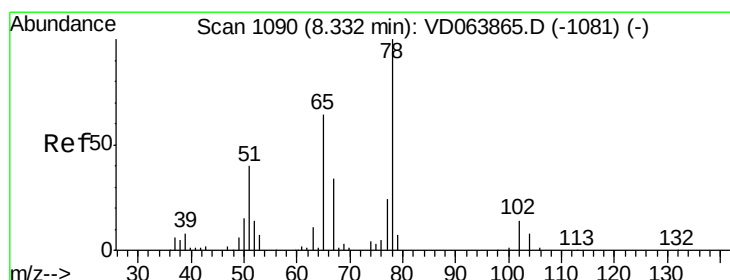
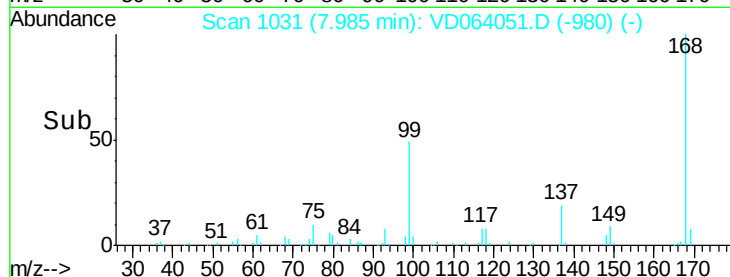
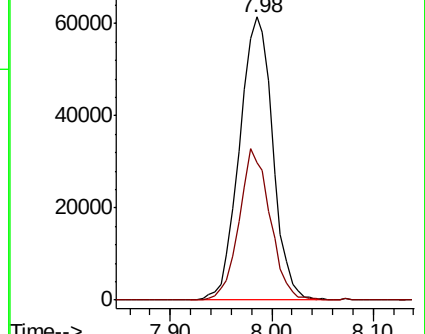
168 100

99 48.5 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: 59.729 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064051.D

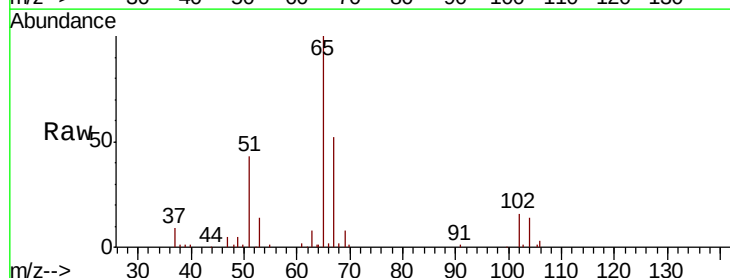
Acq: 24 Oct 2019 17:45

Tgt Ion: 65 Resp: 81278

Ion Ratio Lower Upper

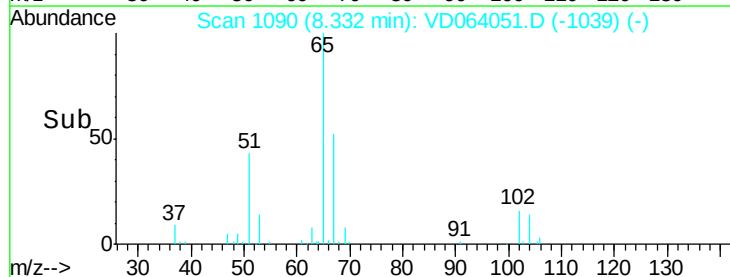
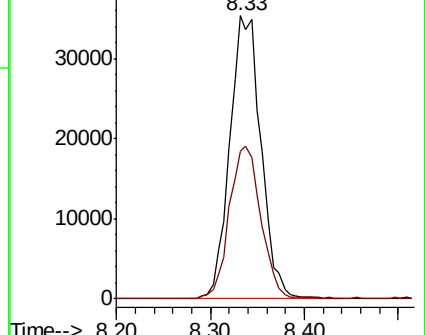
65 100

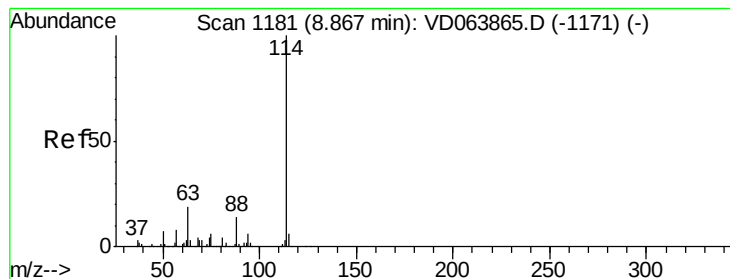
67 54.8 0.0 106.4



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: VD064051.D

Acq: 24 Oct 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

170-48-(1)

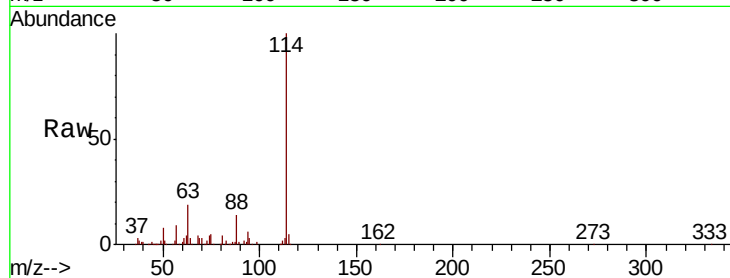
Tot Ion:114 Resp: 259884

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

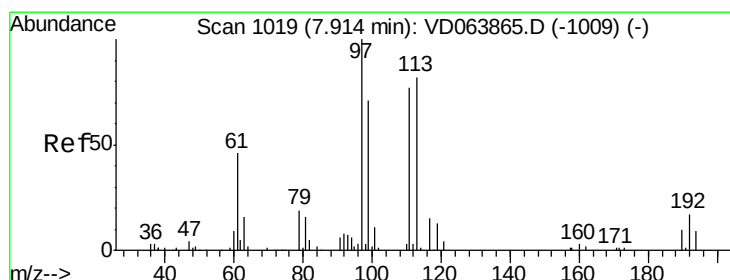
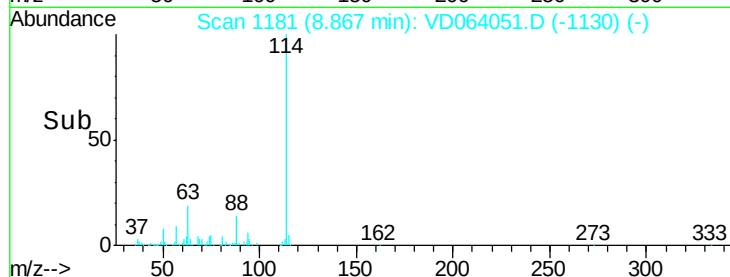
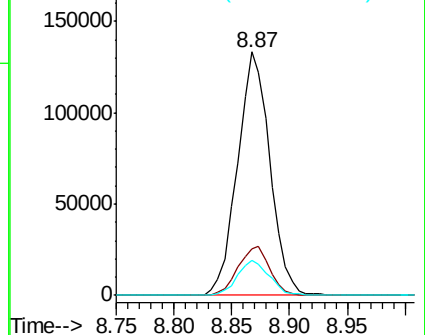
88 14.2 0.0 27.4



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: 52.189 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064051.D

Acq: 24 Oct 2019 17:45

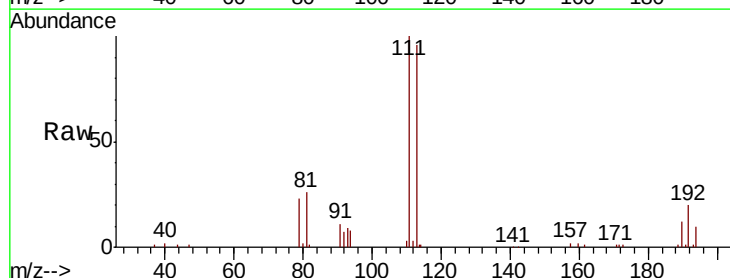
Tgt Ion:113 Resp: 82888

Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

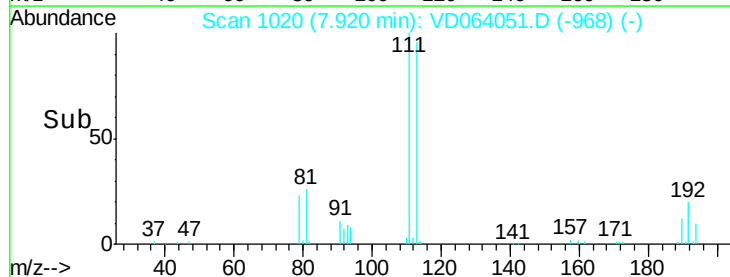
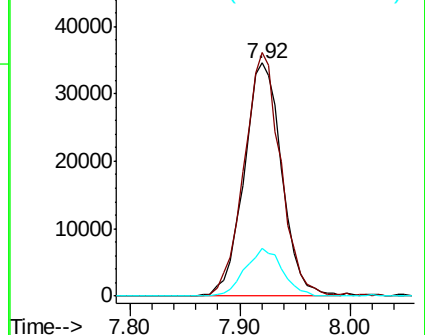
192 20.1 17.1 25.7

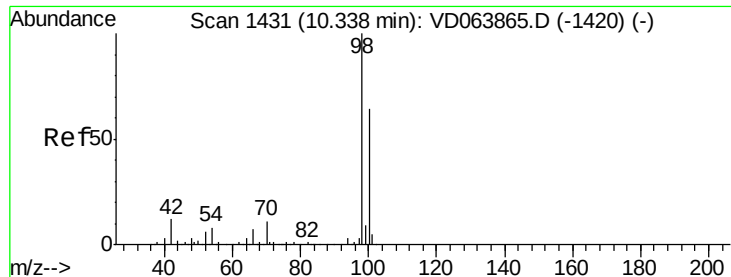


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.574 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064051.D

Acq: 24 Oct 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

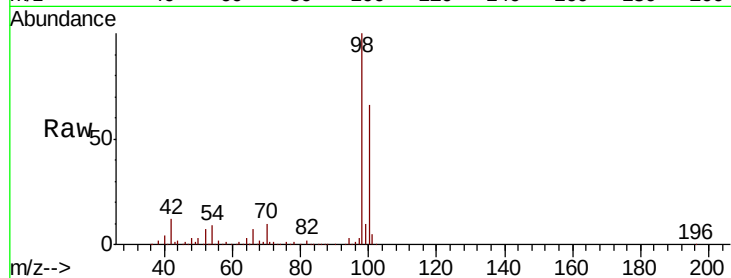
170-48-(1)

Tot Ion: 98 Resp: 351805

Ion Ratio Lower Upper

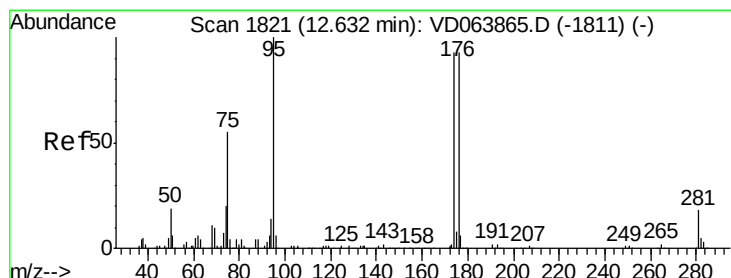
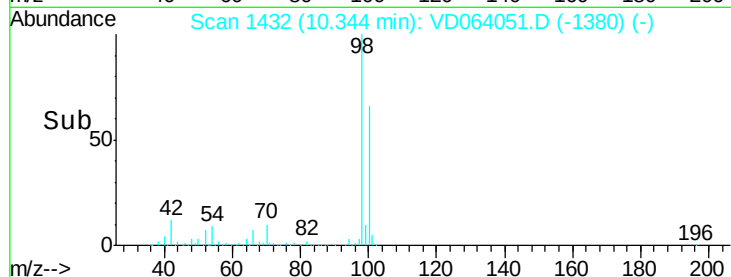
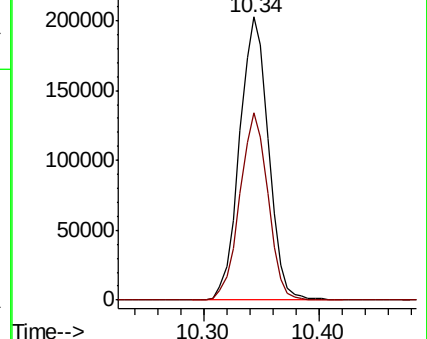
98 100

100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.137 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064051.D

Acq: 24 Oct 2019 17:45

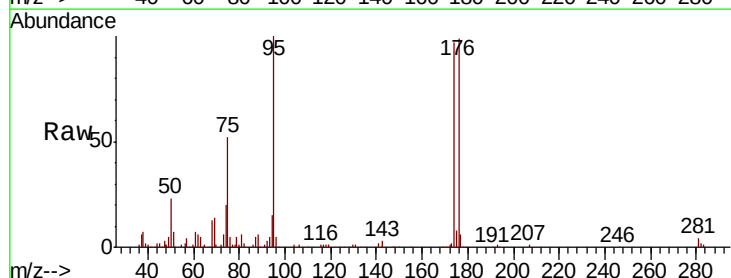
Tgt Ion: 95 Resp: 105593

Ion Ratio Lower Upper

95 100

174 96.5 0.0 186.4

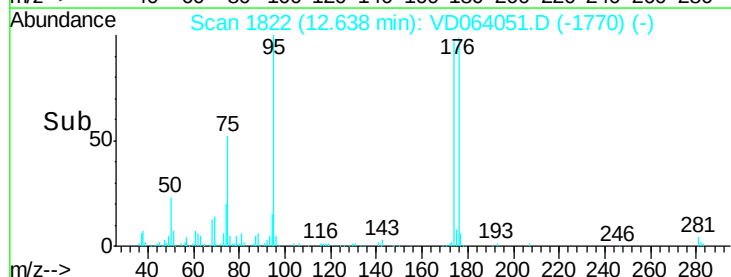
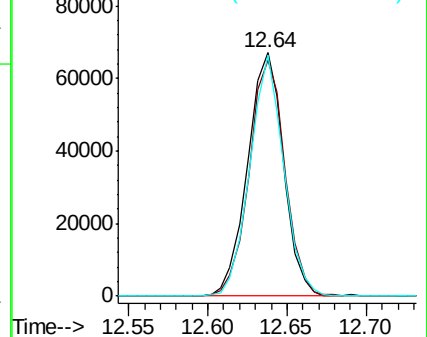
176 93.1 0.0 184.2

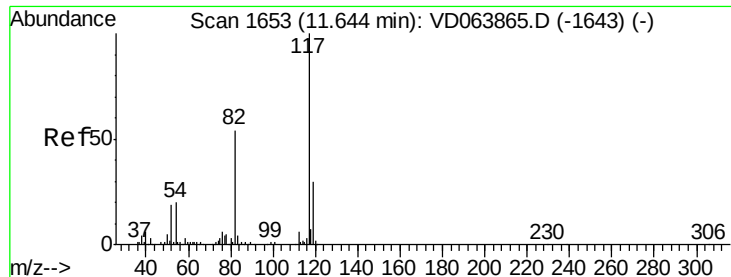


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD064051.D

Acq: 24 Oct 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

170-48-(1)

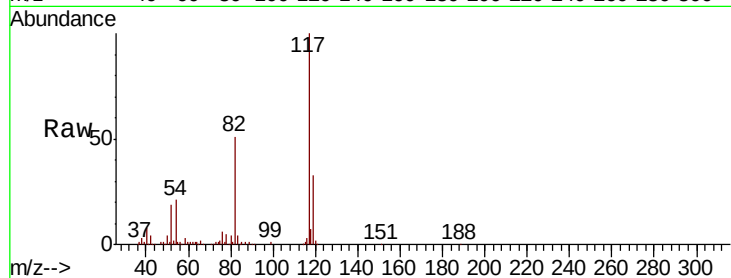
Tot Ion:117 Resp: 274700

Ion Ratio Lower Upper

117 100

82 51.1 42.8 64.2

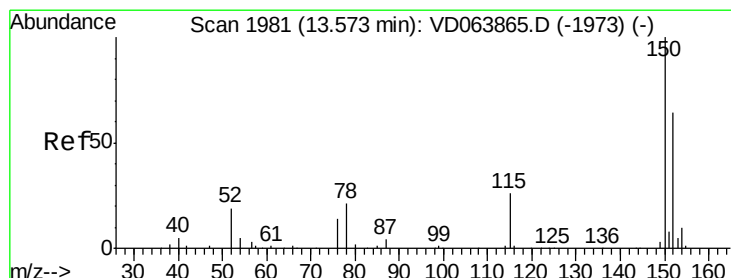
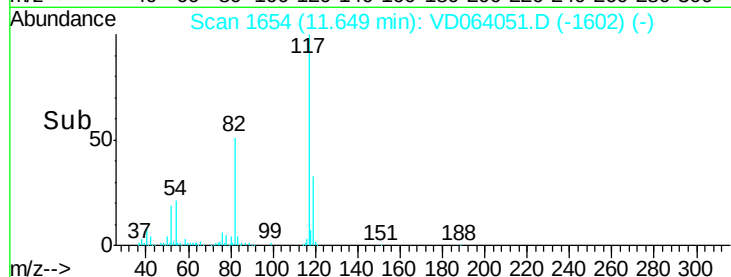
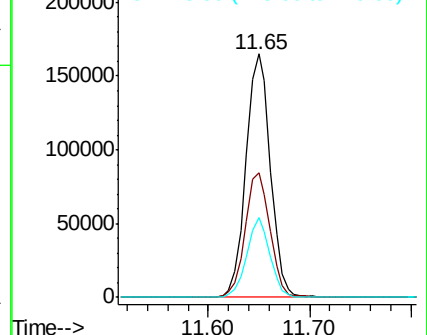
119 32.8 24.4 36.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD064051.D

Acq: 24 Oct 2019 17:45

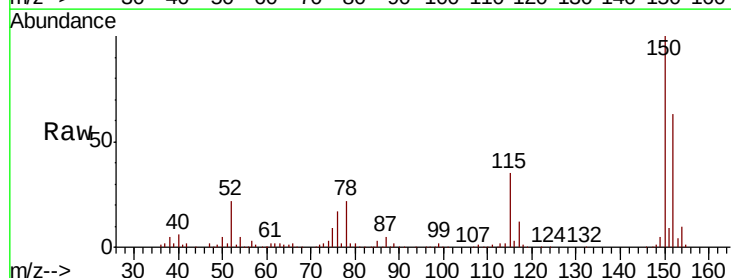
Tgt Ion:152 Resp: 130037

Ion Ratio Lower Upper

152 100

115 54.7 25.9 77.7

150 156.0 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

