

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064054.D
 Acq On : 24 Oct 2019 19:11
 Operator : VA/SY
 Sample : K5497-12
 Misc : 7.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 167-58-(1)

Quant Time: Oct 25 05:26:48 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	137634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	247729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	262386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123942	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	76371	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
35) Dibromofluoromethane	7.92	113	78637	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.34	98	346555	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
62) 4-Bromofluorobenzene	12.63	95	99717	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

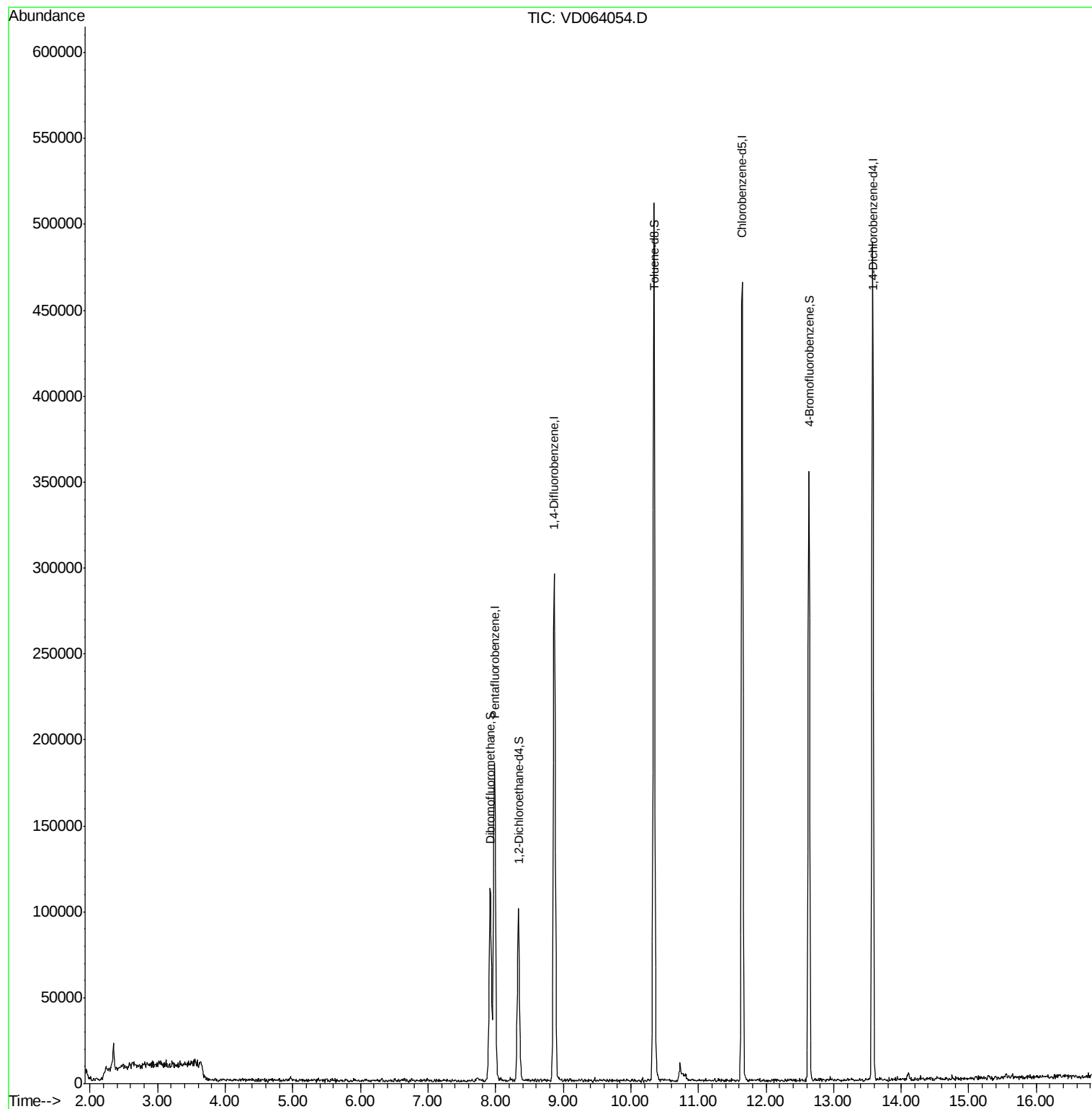
Target Compounds	Qvalue

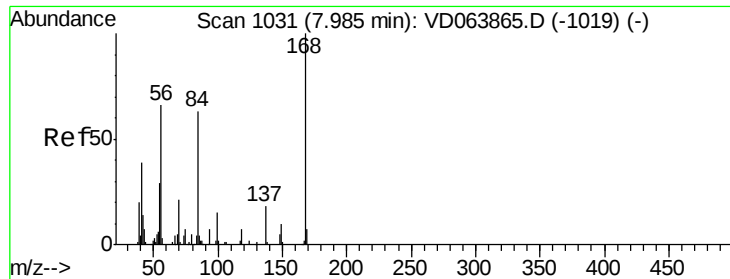
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102419\
Data File : VD064054.D
Acq On : 24 Oct 2019 19:11
Operator : VA/SY
Sample : K5497-12
Misc : 7.35G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
167-58-(1)

Quant Time: Oct 25 05:26:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
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: VD064054.D

Acq: 24 Oct 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

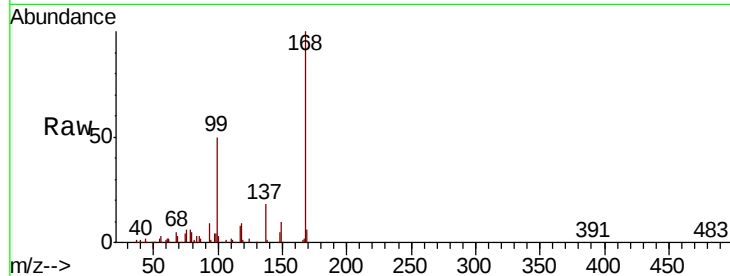
167-58-(1)

Tot Ion:168 Resp: 137634

Ion Ratio Lower Upper

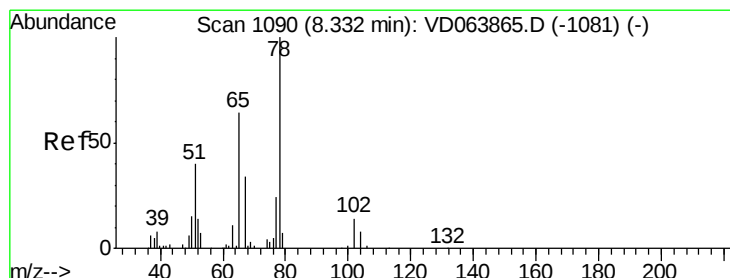
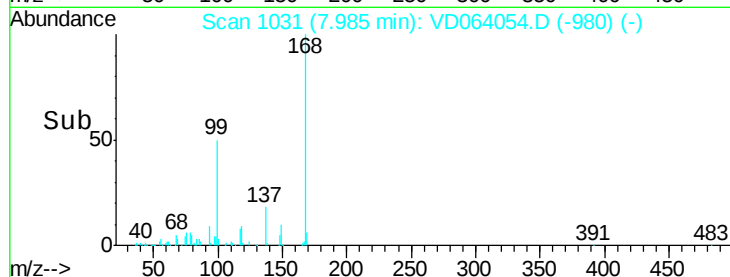
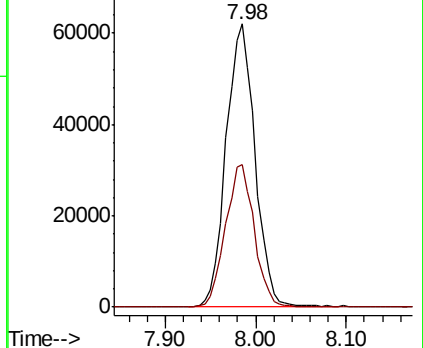
168 100

99 50.4 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: 56.994 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064054.D

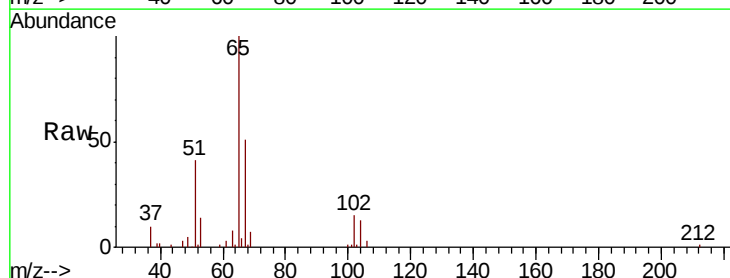
Acq: 24 Oct 2019 19:11

Tgt Ion: 65 Resp: 76371

Ion Ratio Lower Upper

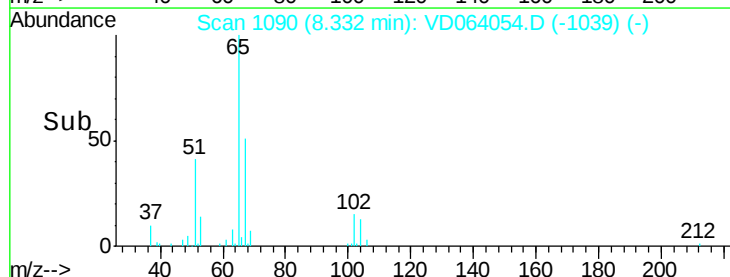
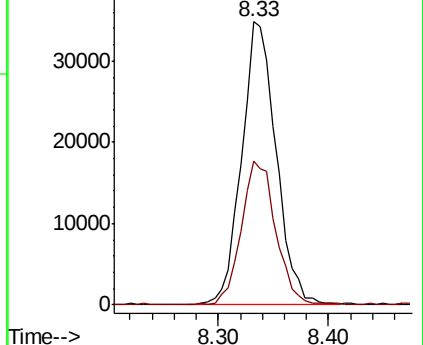
65 100

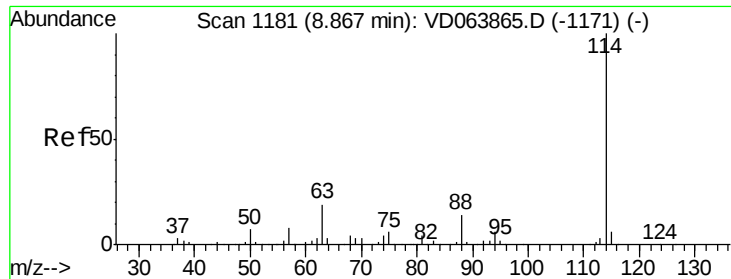
67 51.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

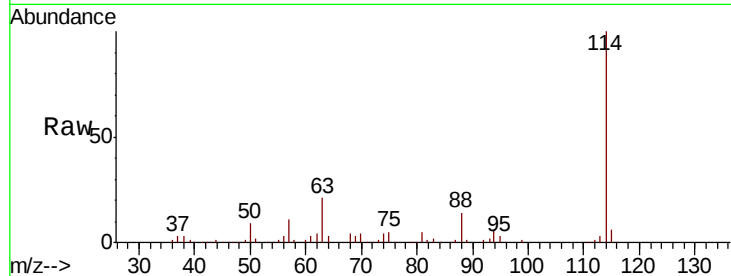




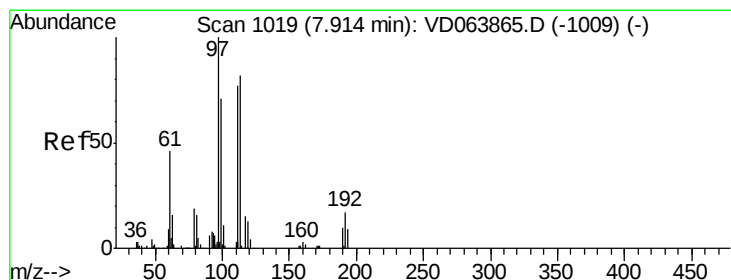
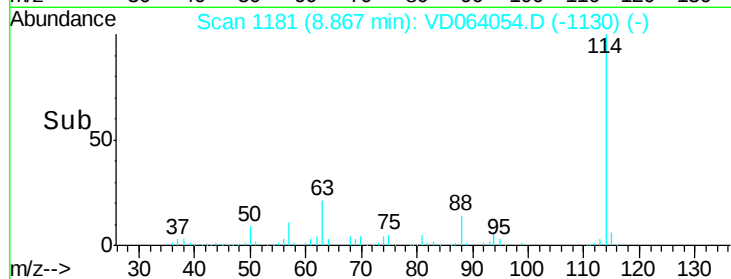
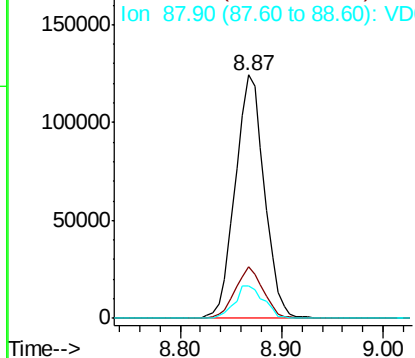
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064054.D
 Acq: 24 Oct 2019 19:11

Instrument :
 MSVOA_D
 ClientSampleId :
 167-58-(1)

Tot Ion:114 Resp: 247729
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 38.4
 88 13.5 0.0 27.4

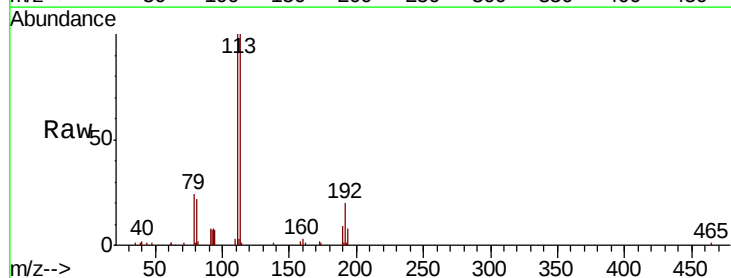


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

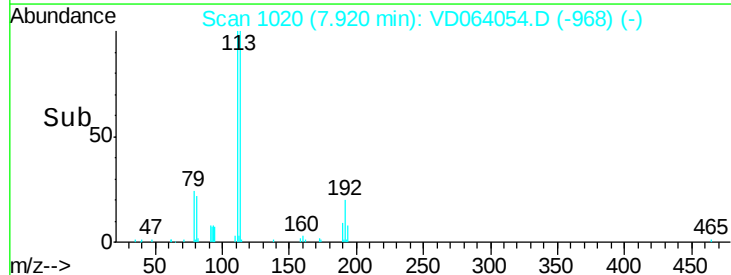
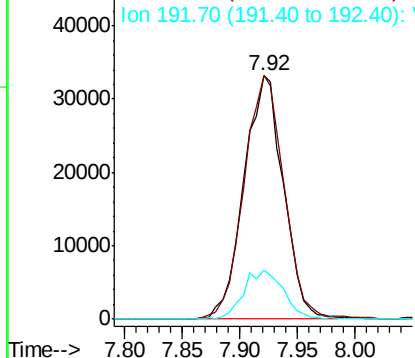


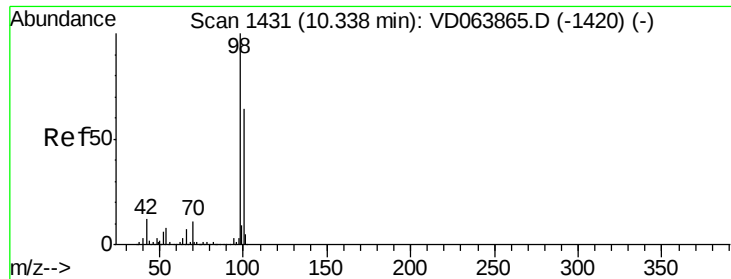
#35
 Dibromofluoromethane
 Concen: 51.942 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064054.D
 Acq: 24 Oct 2019 19:11

Tgt Ion:113 Resp: 78637
 Ion Ratio Lower Upper
 113 100
 111 102.2 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: 56.397 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064054.D

Acq: 24 Oct 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

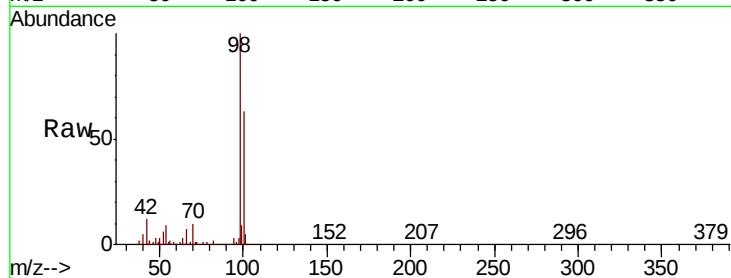
167-58-(1)

Tot Ion: 98 Resp: 346555

Ion Ratio Lower Upper

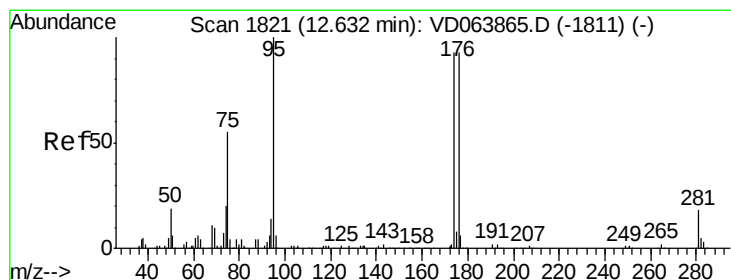
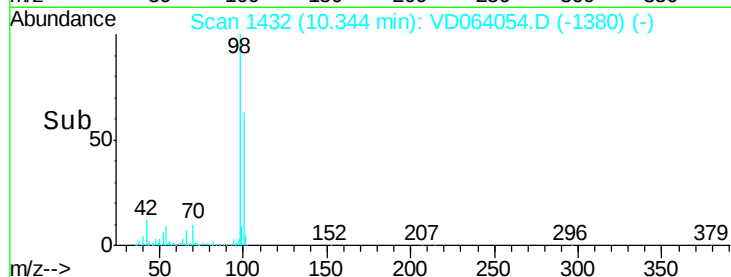
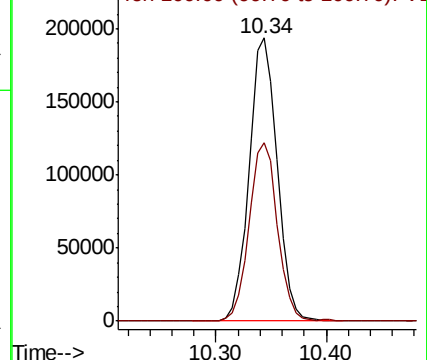
98 100

100 63.2 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: 46.698 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD064054.D

Acq: 24 Oct 2019 19:11

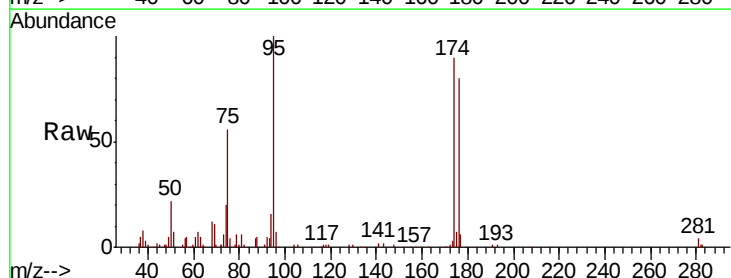
Tgt Ion: 95 Resp: 99717

Ion Ratio Lower Upper

95 100

174 95.9 0.0 186.4

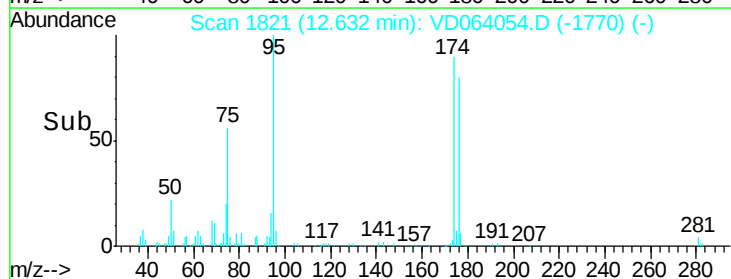
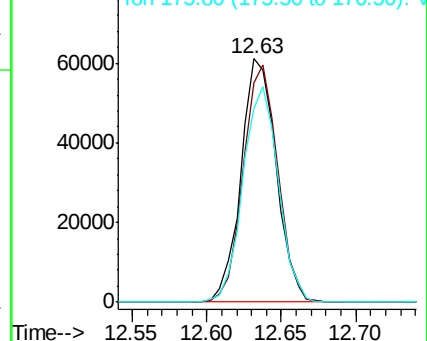
176 89.0 0.0 184.2

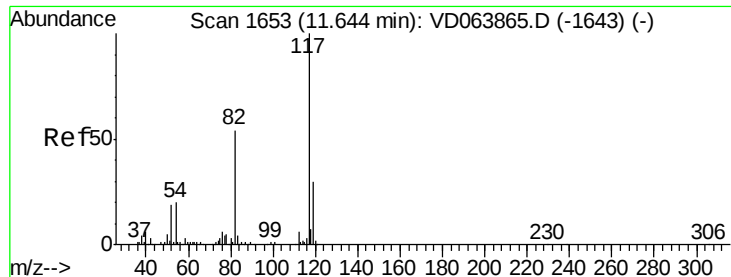


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: VD064054.D

Acq: 24 Oct 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

167-58-(1)

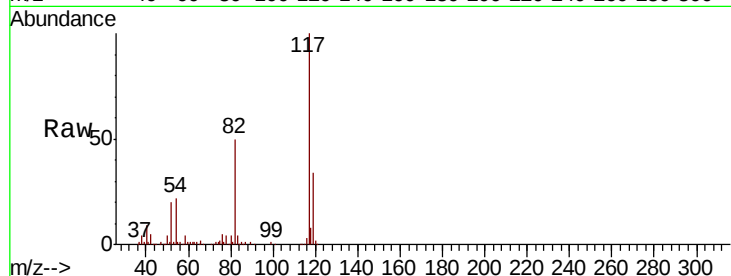
Tot Ion:117 Resp: 262386

Ion Ratio Lower Upper

117 100

82 49.9 42.8 64.2

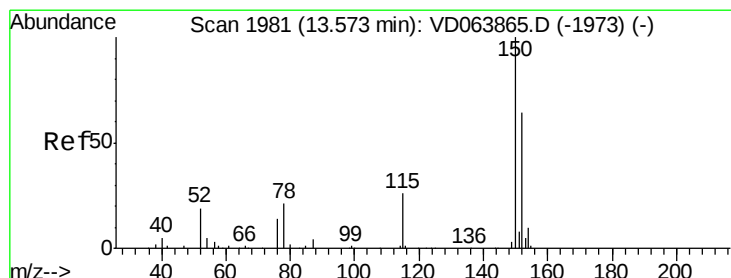
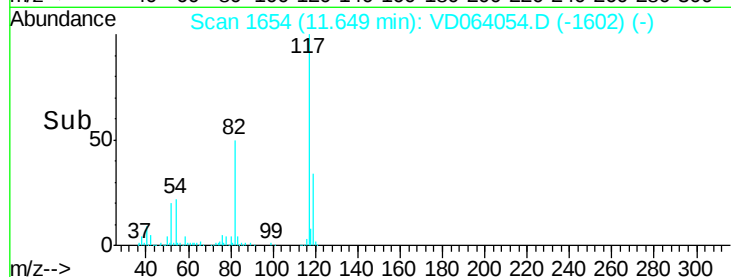
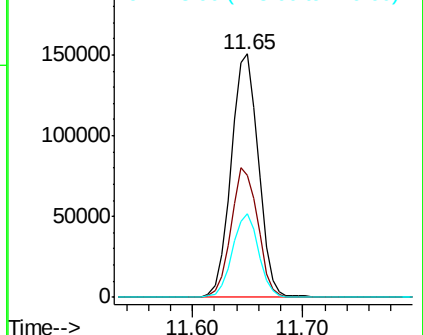
119 34.4 24.4 36.6



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: VD064054.D

Acq: 24 Oct 2019 19:11

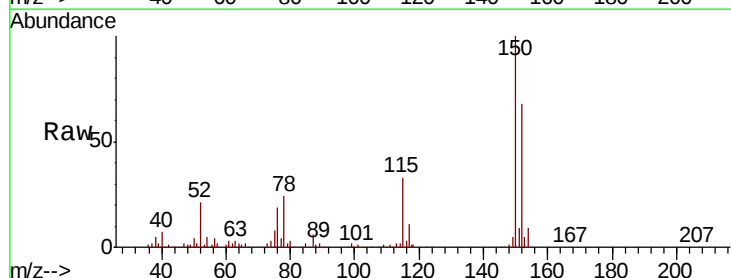
Tgt Ion:152 Resp: 123942

Ion Ratio Lower Upper

152 100

115 50.3 25.9 77.7

150 150.4 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

