

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064006.D
 Acq On : 18 Oct 2019 13:00
 Operator : VA/SY
 Sample : K5420-09
 Misc : 6.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Oct 19 02:08:17 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	189359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	341408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	340433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169999	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	106328	57.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.36%	
35) Dibromofluoromethane	7.92	113	105539	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.34	98	451148	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.64	95	140428	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

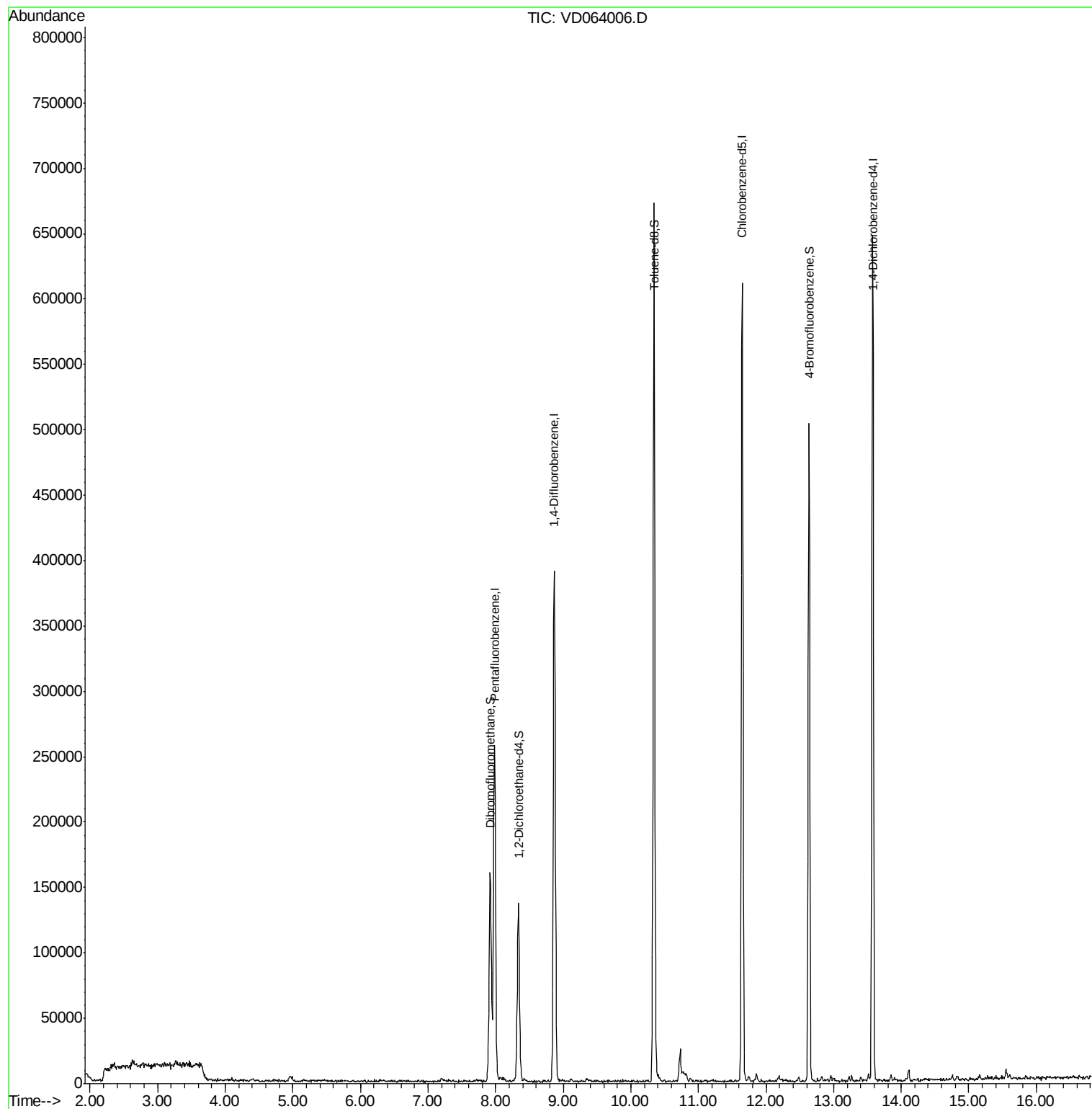
Target Compounds	Qvalue

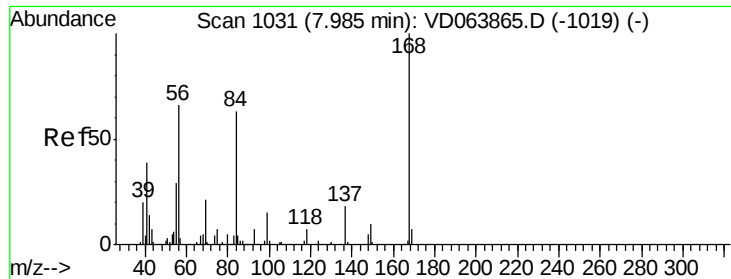
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101819\
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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
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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: VD064006.D

Acq: 18 Oct 2019 13:00

Instrument :

MSVOA_D

ClientSampleId :

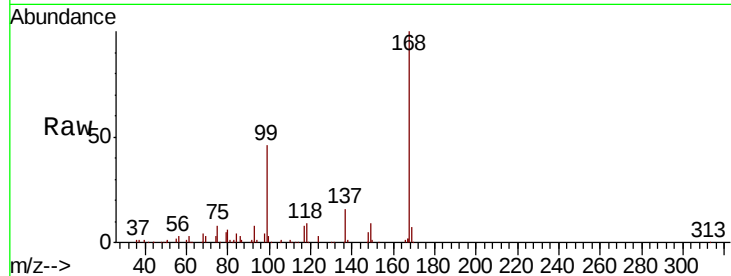
TP-5

Tot Ion:168 Resp: 189359

Ion Ratio Lower Upper

168 100

99 45.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

100000

80000

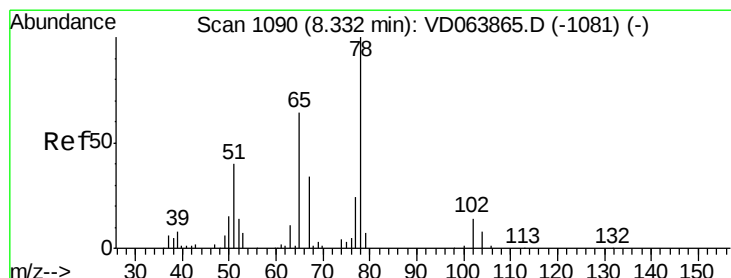
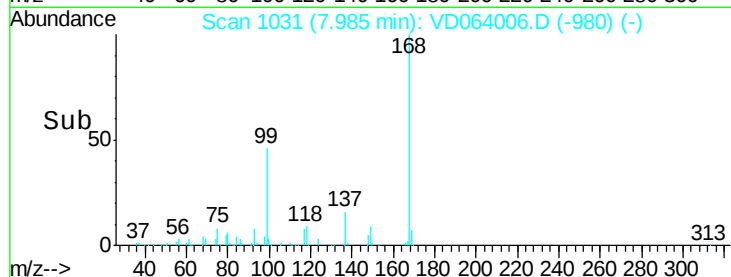
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.676 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064006.D

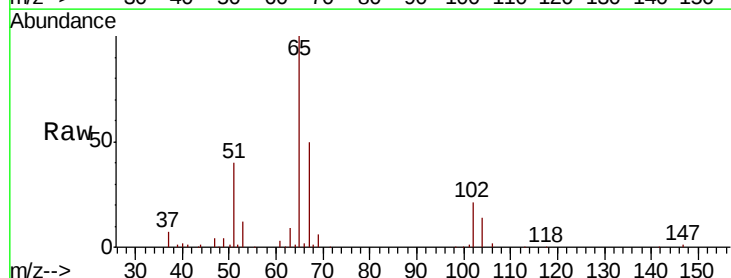
Acq: 18 Oct 2019 13:00

Tgt Ion: 65 Resp: 106328

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

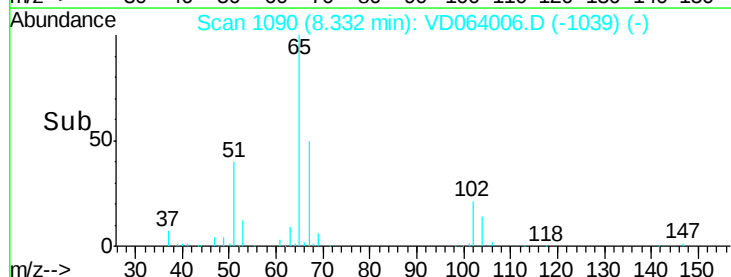
30000

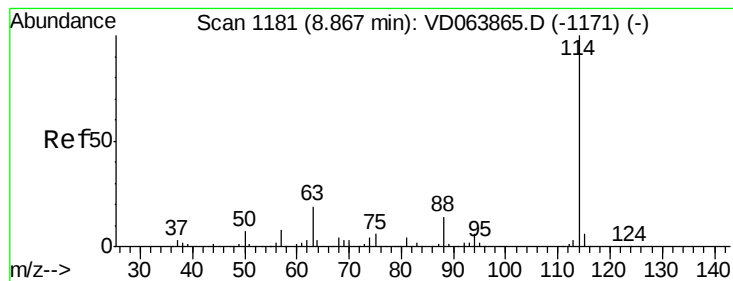
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064006.D

Acq: 18 Oct 2019 13:00

Instrument :

MSVOA_D

ClientSampleId :

TP-5

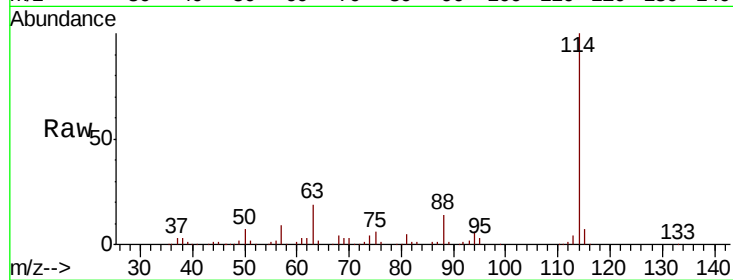
Tot Ion:114 Resp: 341408

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

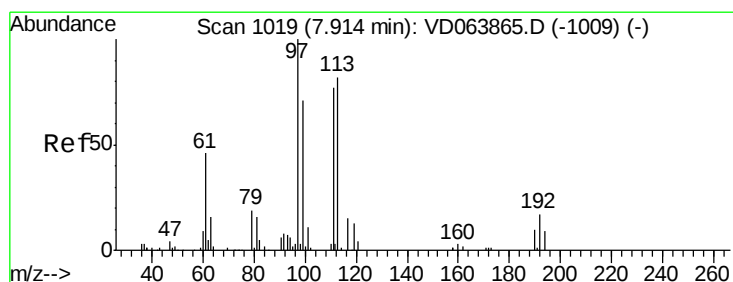
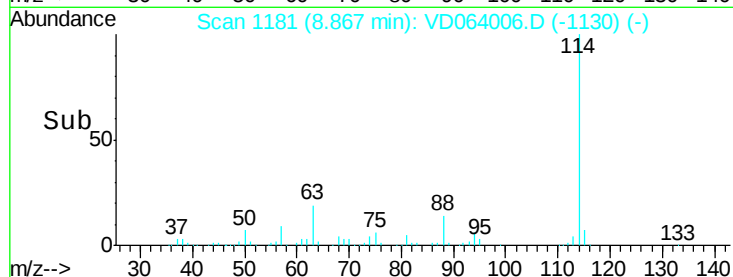
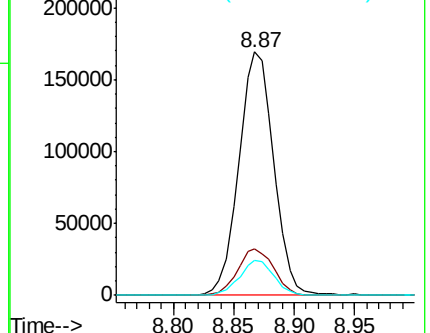
88 14.4 0.0 27.4



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: 50.583 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064006.D

Acq: 18 Oct 2019 13:00

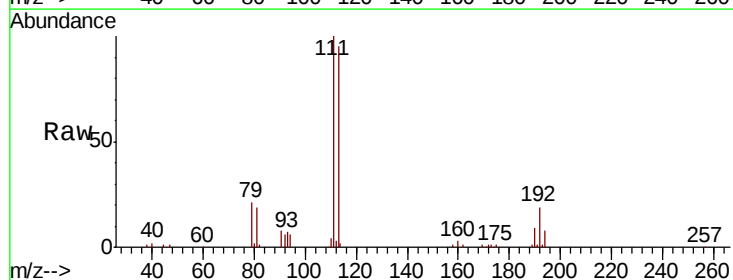
Tgt Ion:113 Resp: 105539

Ion Ratio Lower Upper

113 100

111 107.2 82.6 123.8

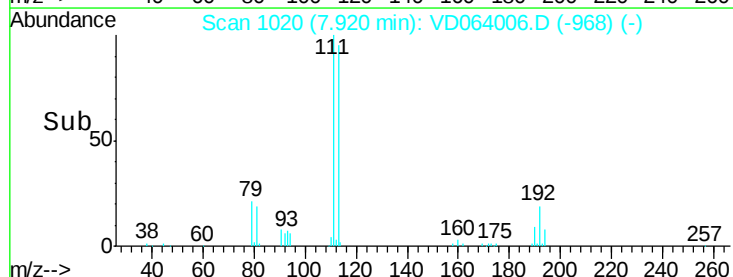
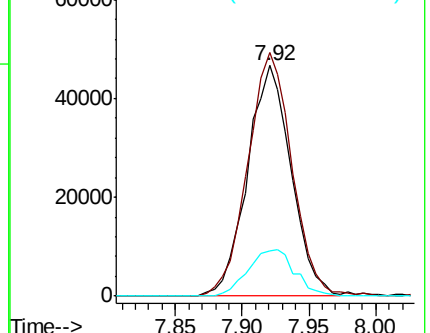
192 21.4 17.1 25.7

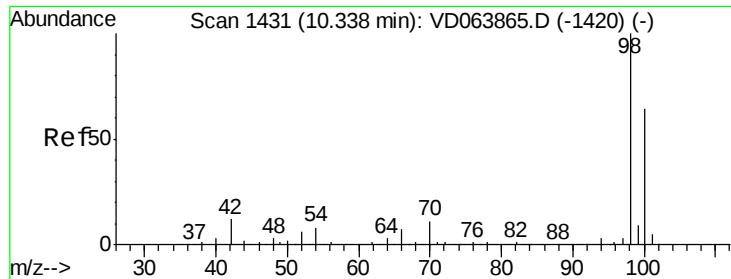


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

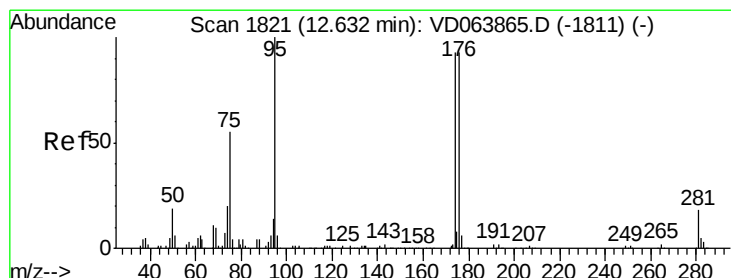
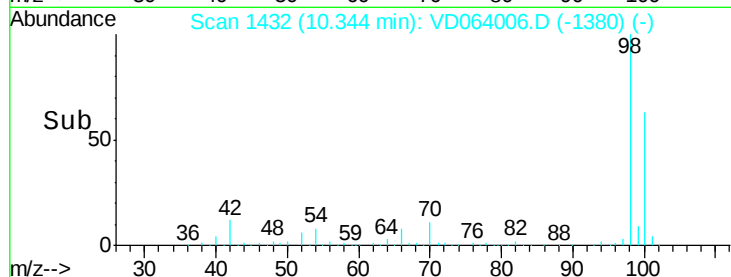
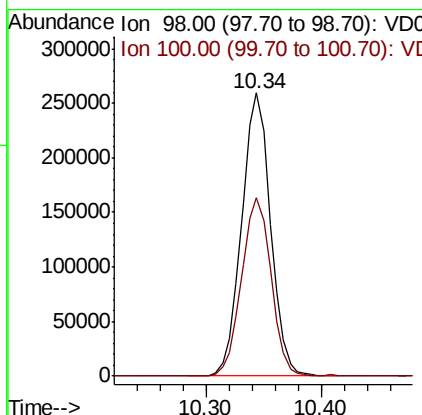
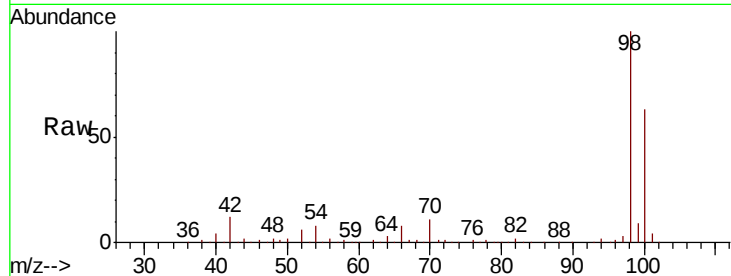




#50
Toluene-d8
Concen: 53.273 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064006.D
Acq: 18 Oct 2019 13:00

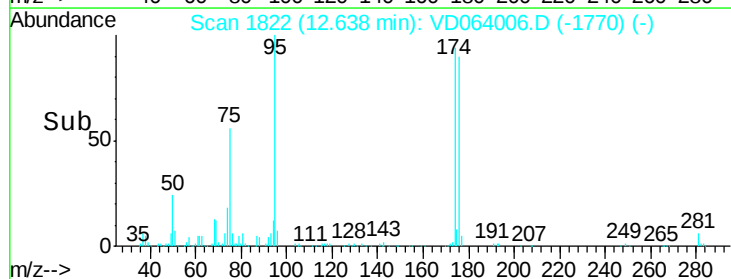
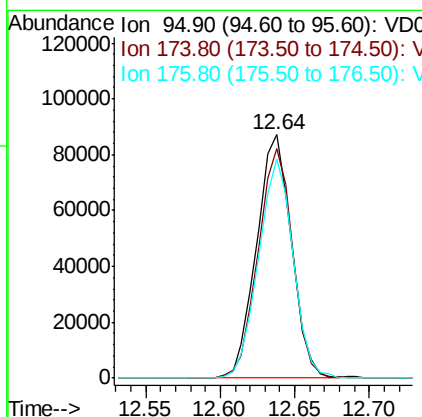
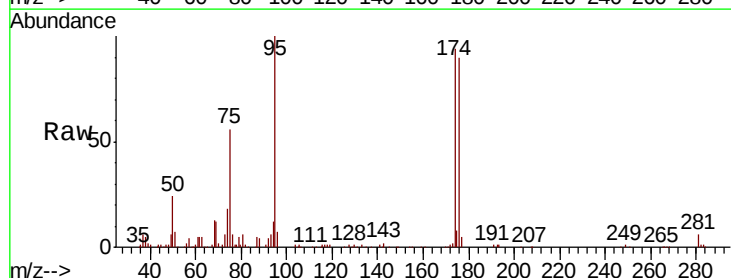
Instrument :
MSVOA_D
ClientSampleID :
TP-5

Tot Ion: 98 Resp: 451148
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064006.D
Acq: 18 Oct 2019 13:00

Tgt Ion: 95 Resp: 140428
Ion Ratio Lower Upper
95 100
174 93.6 0.0 186.4
176 89.3 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: VD064006.D

Acq: 18 Oct 2019 13:00

Instrument :

MSVOA_D

ClientSampled :

TP-5

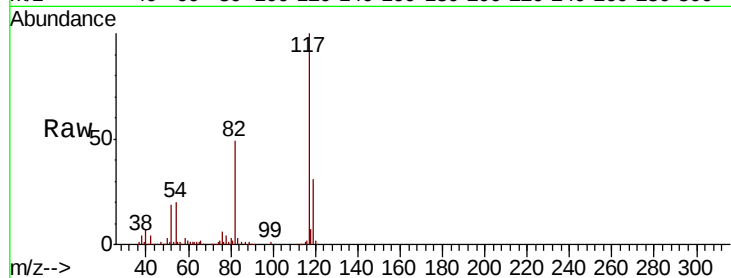
Tot Ion:117 Resp: 340433

Ion Ratio Lower Upper

117 100

82 49.0 42.8 64.2

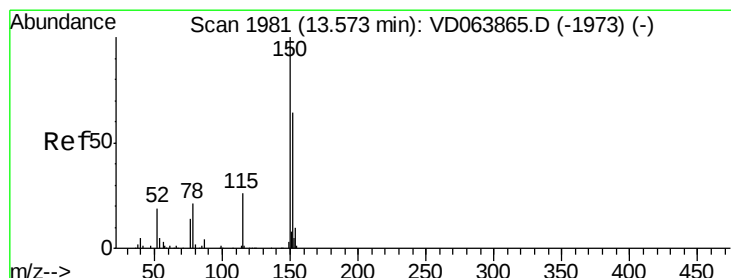
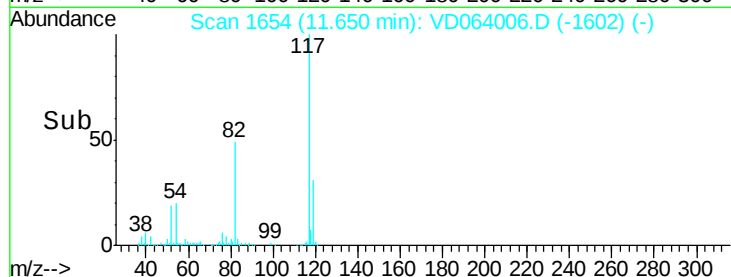
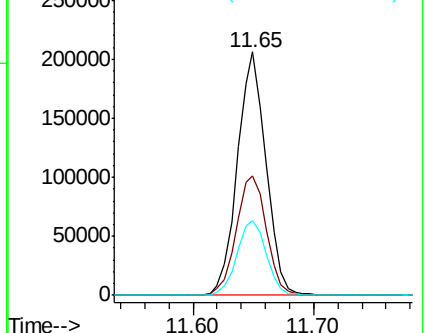
119 30.6 24.4 36.6



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: VD064006.D

Acq: 18 Oct 2019 13:00

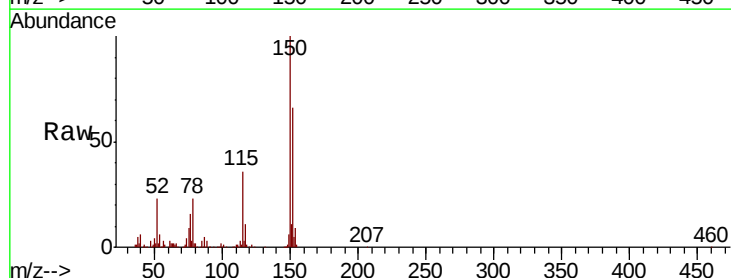
Tgt Ion:152 Resp: 169999

Ion Ratio Lower Upper

152 100

115 54.6 25.9 77.7

150 152.1 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

