

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064818.D
 Acq On : 09 Jan 2020 15:49
 Operator : VA/SY
 Sample : L1051-05
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4F-(22-24)

Quant Time: Jan 09 16:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

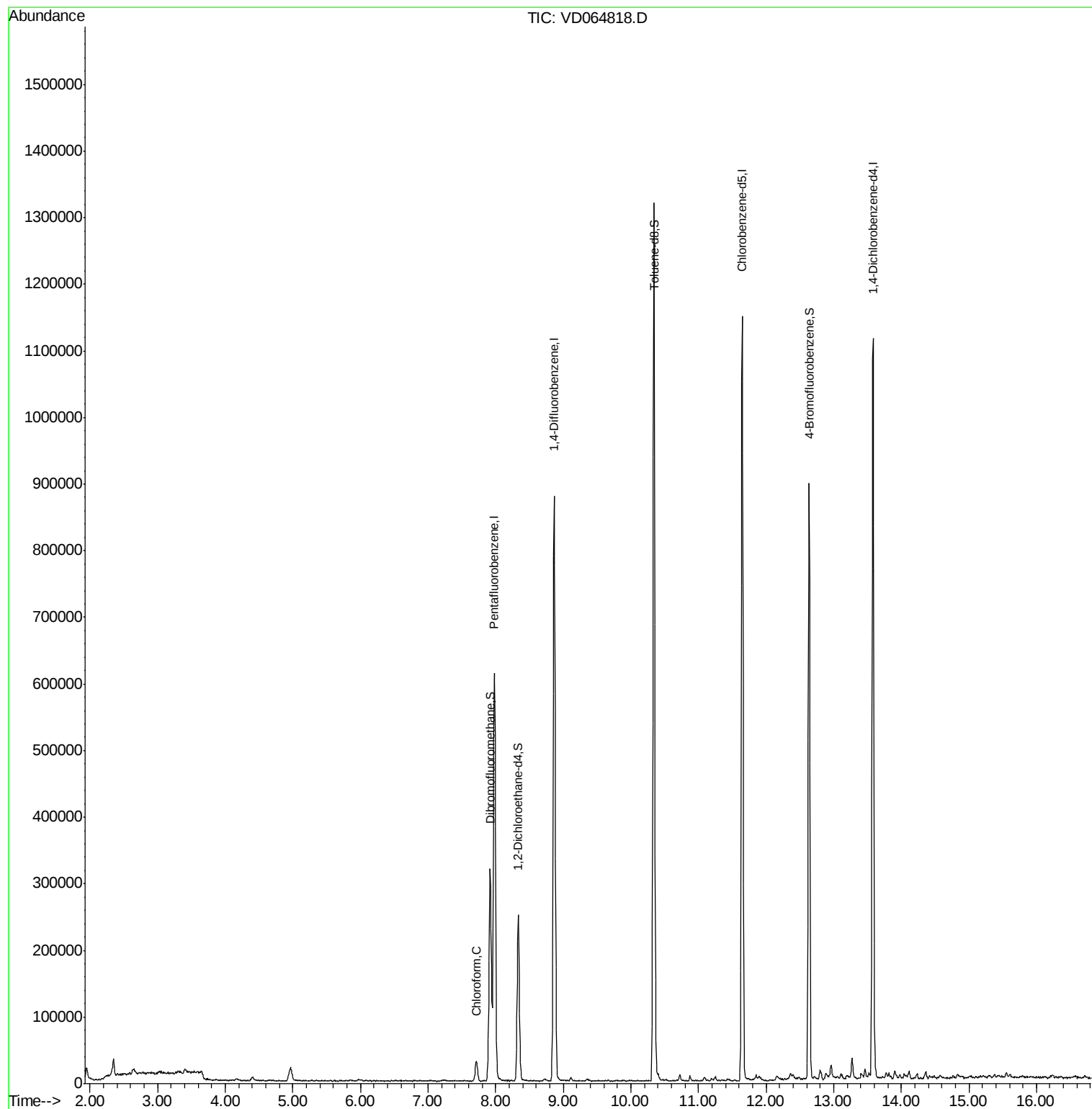
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	476186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	740356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	644308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199857	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	7.92	113	218178	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.34	98	884396	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.64	95	262443	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
30) Chloroform	7.71	83	29631	3.611	ug/l	Qvalue 96

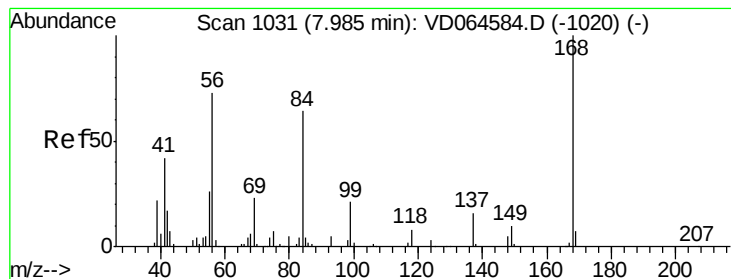
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

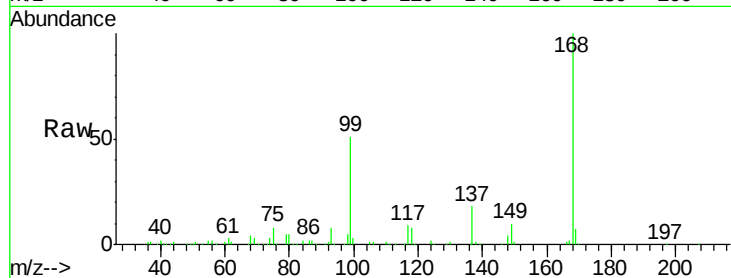
SB-4F-(22-24)

Tot Ion:168 Resp: 476186

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

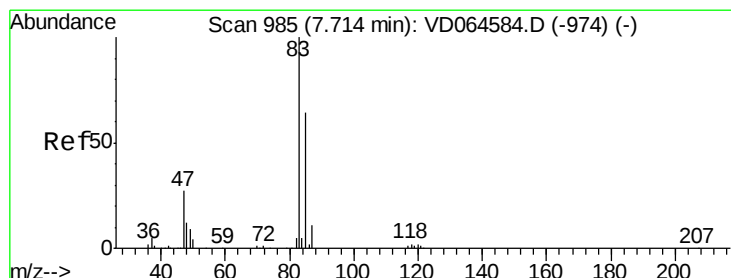
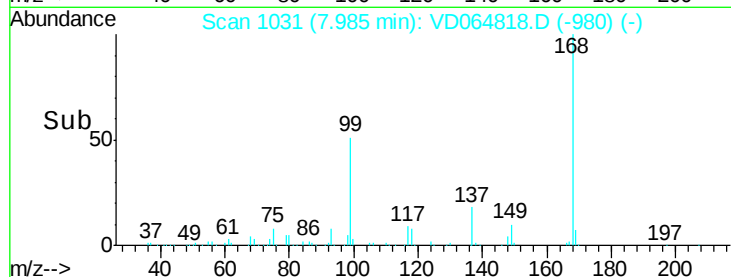
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 3.611 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD064818.D

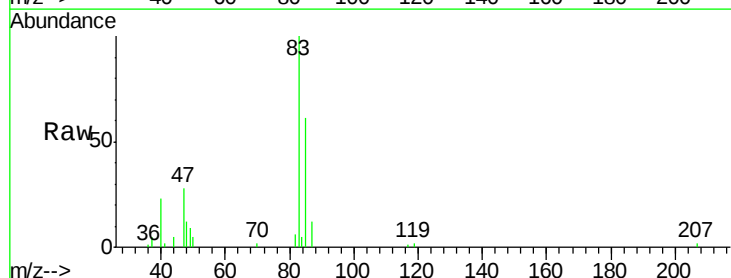
Acq: 09 Jan 2020 15:49

Tgt Ion: 83 Resp: 29631

Ion Ratio Lower Upper

83 100

85 60.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

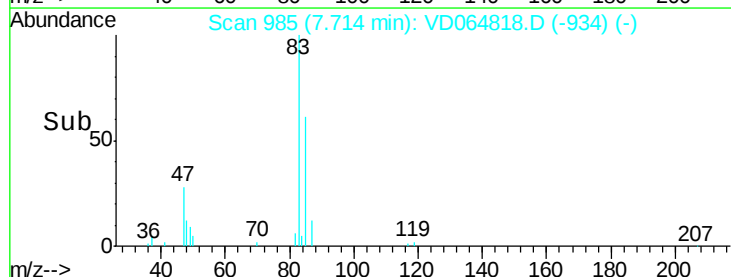
7.71

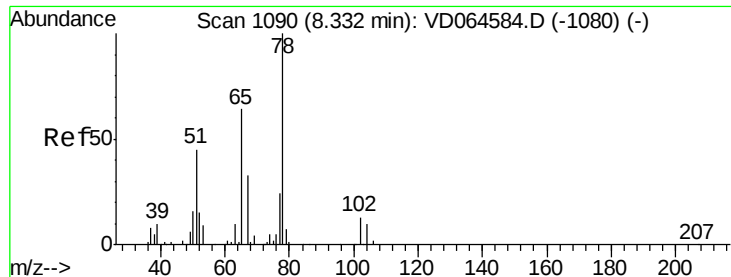
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.597 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

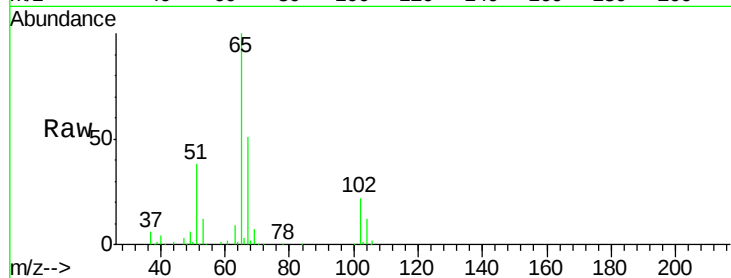
SB-4F-(22-24)

Tot Ion: 65 Resp: 199857

Ion Ratio Lower Upper

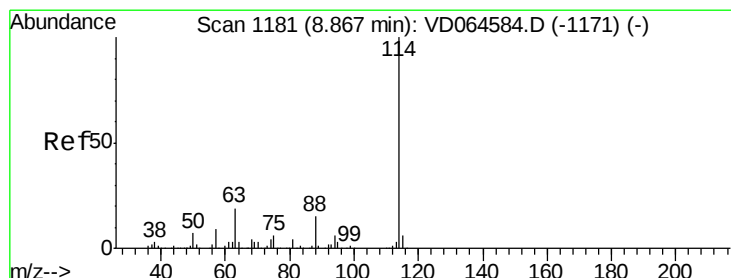
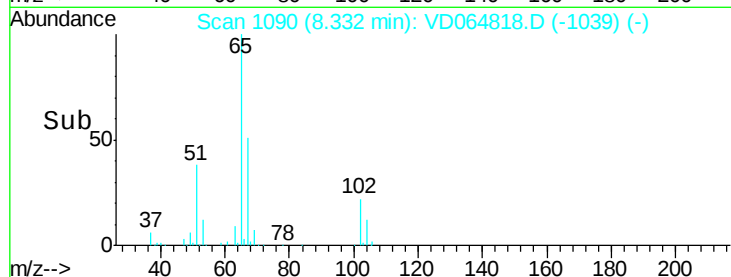
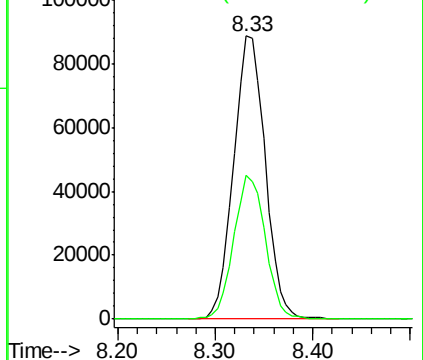
65 100

67 50.8 0.0 106.2



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: VD064818.D

Acq: 09 Jan 2020 15:49

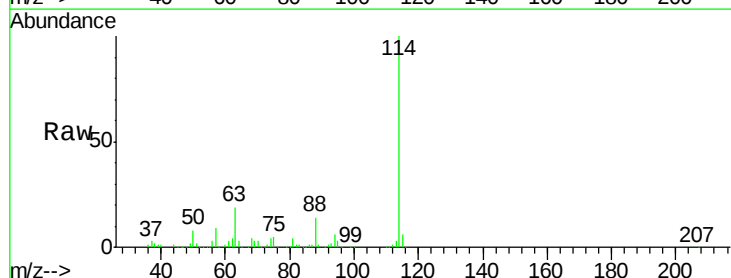
Tgt Ion: 114 Resp: 740356

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

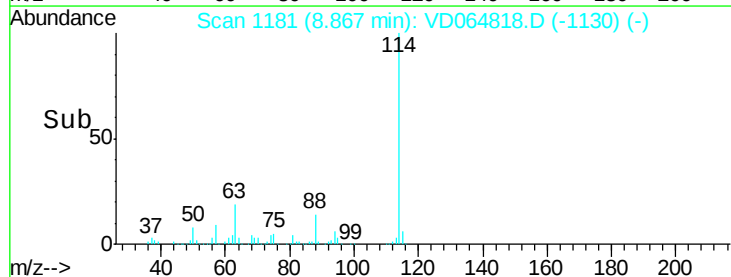
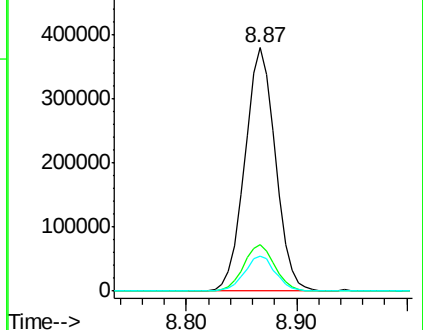
88 14.3 0.0 29.2

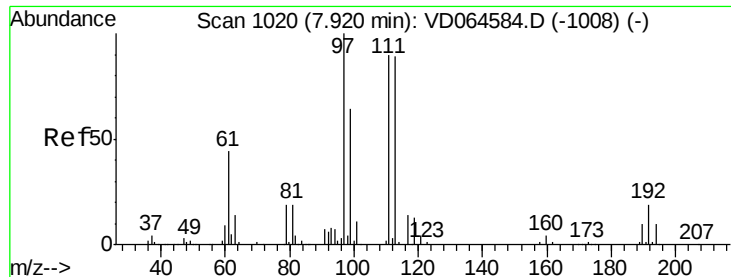


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

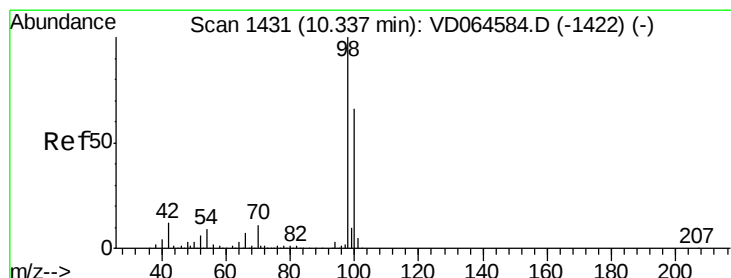
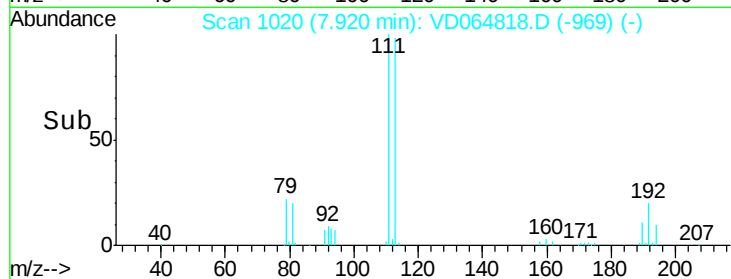
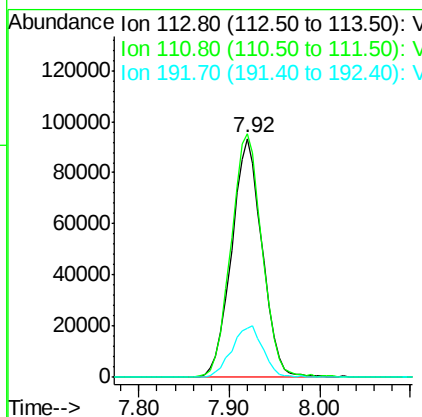
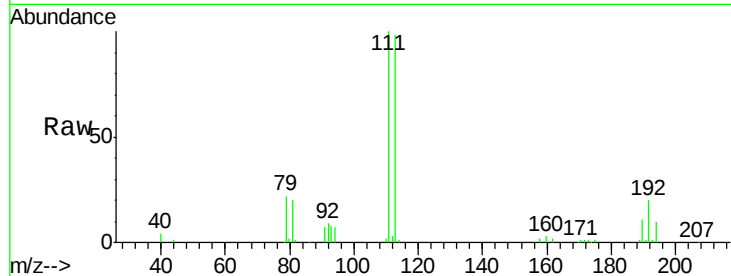




#35
 Dibromofluoromethane
 Concen: 48.033 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064818.D
 Acq: 09 Jan 2020 15:49

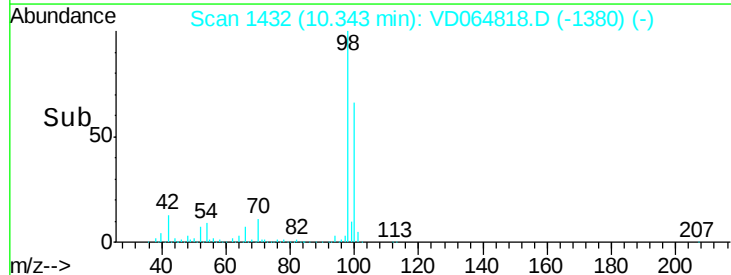
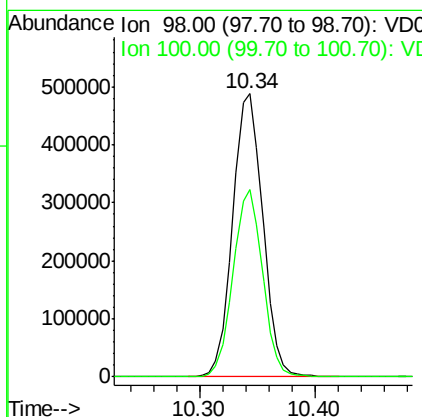
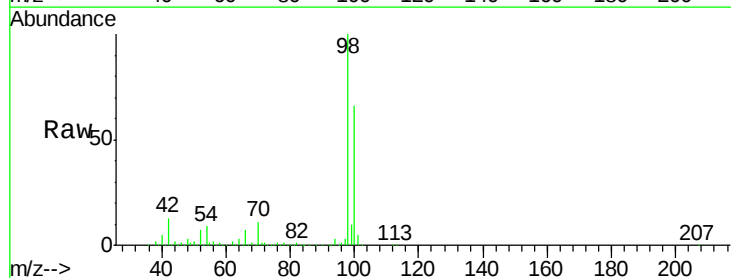
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4F-(22-24)

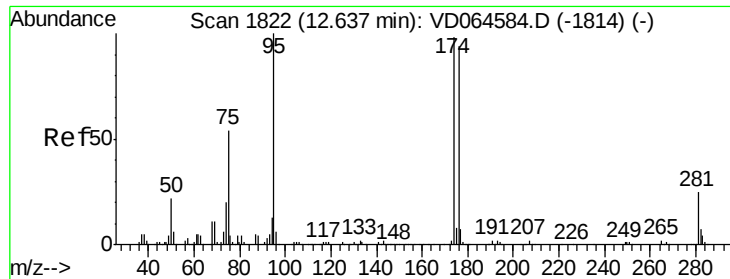
Tot Ion:113 Resp: 218178
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.6 121.0
 192 22.0 17.9 26.9



#50
 Toluene-d8
 Concen: 50.839 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064818.D
 Acq: 09 Jan 2020 15:49

Tgt Ion: 98 Resp: 884396
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5

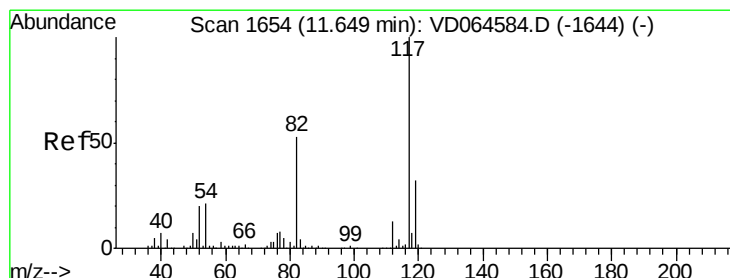
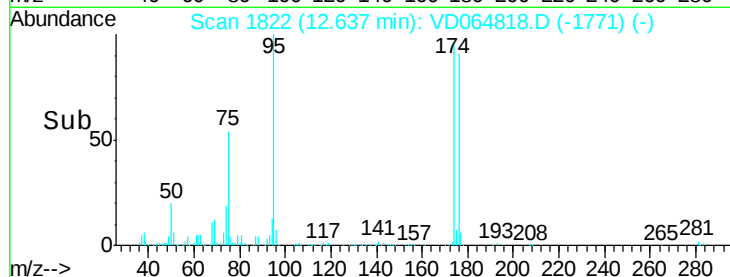
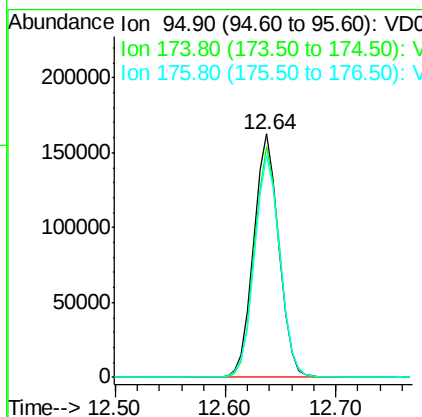
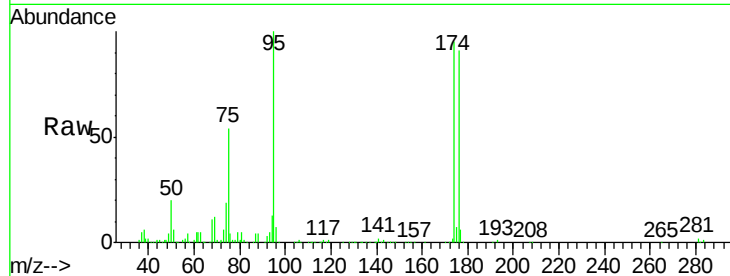




#62
4-Bromofluorobenzene
Concen: 47.709 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

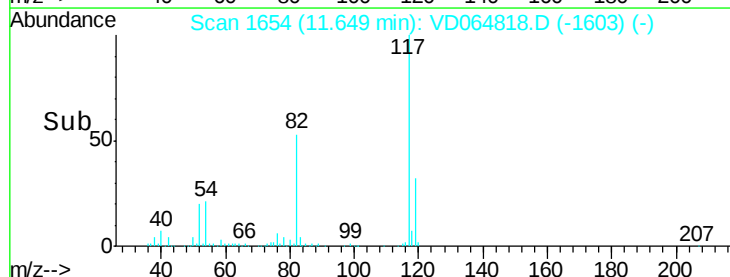
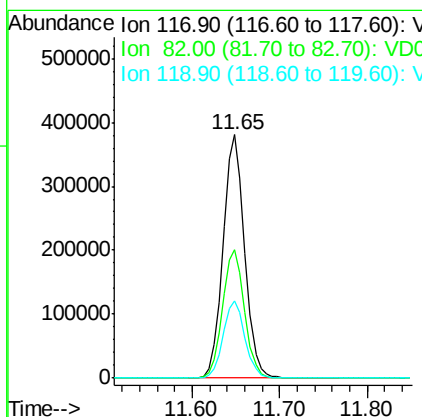
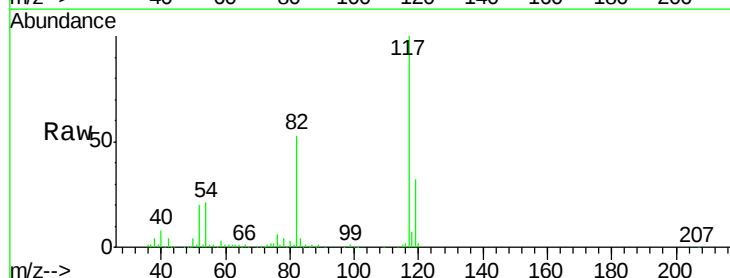
Instrument :
MSVOA_D
ClientSampleId :
SB-4F-(22-24)

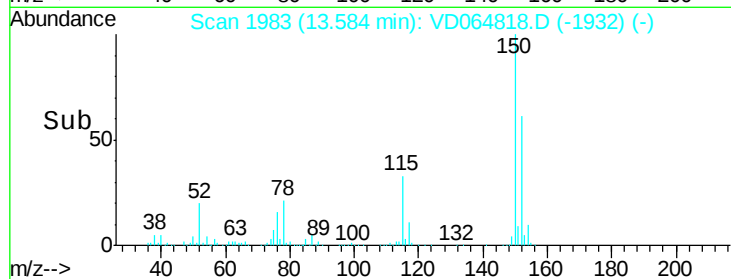
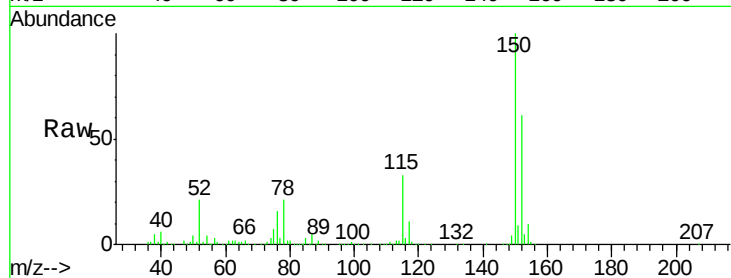
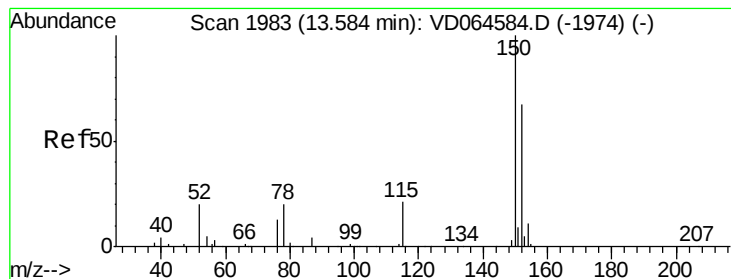
Tot Ion: 95 Resp: 262443
Ion Ratio Lower Upper
95 100
174 94.0 0.0 193.2
176 91.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

Tgt Ion: 117 Resp: 644308
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

SB-4F-(22-24)

Tot Ion:152 Resp: 294527

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

150 160.3 0.0 351.4

