

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011320\
 Data File : VD064853.D
 Acq On : 13 Jan 2020 17:01
 Operator : VA/SY
 Sample : L1098-09
 Misc : 6.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9_13.5-14.0

Quant Time: Jan 14 11:57:16 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

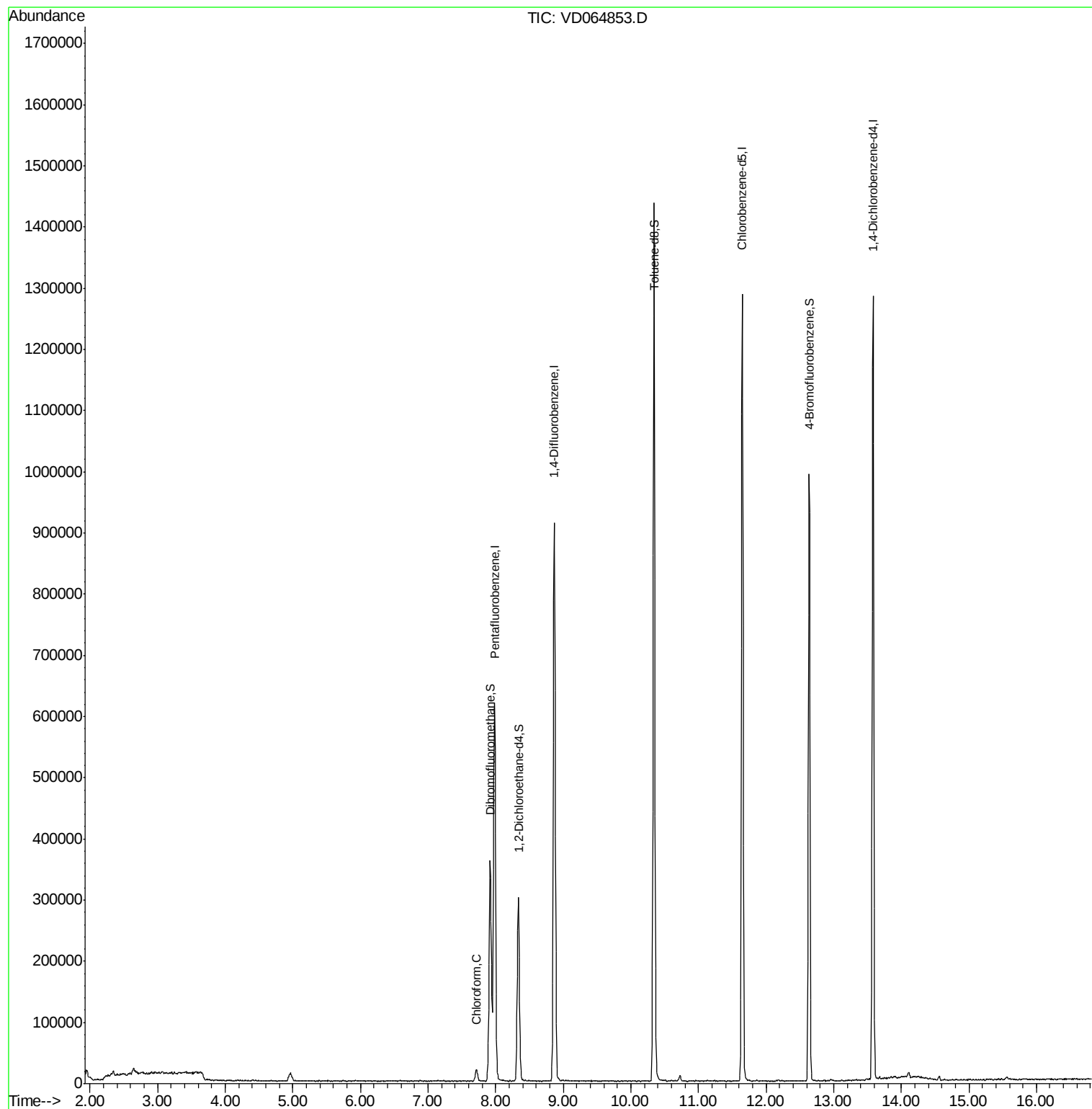
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	474106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	705080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	244840	58.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.14%	
35) Dibromofluoromethane	7.92	113	244926	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.34	98	927466	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.64	95	292070	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
Target Compounds						
30) Chloroform	7.71	83	16770	2.053	ug/l	Qvalue 100

(#) = 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

Lab File: VD064853.D

Acq: 13 Jan 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

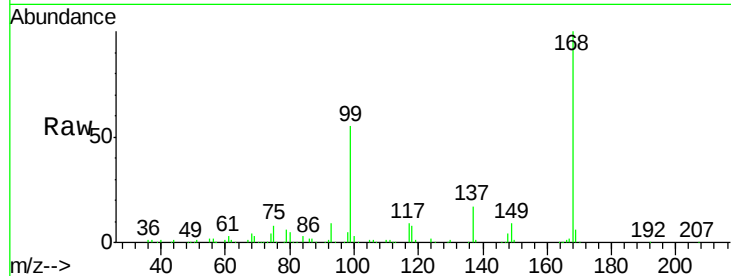
SB-9_13.5-14.0

Tot Ion:168 Resp: 474106

Ion Ratio Lower Upper

168 100

99 54.6 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

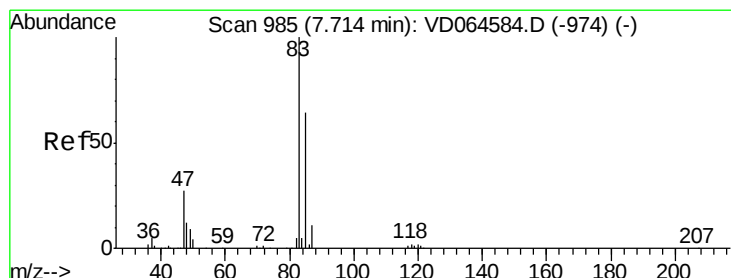
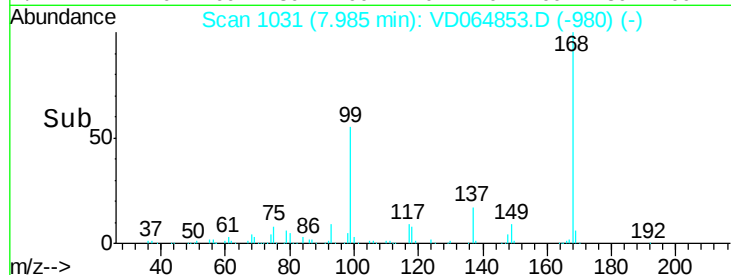
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 2.053 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064853.D

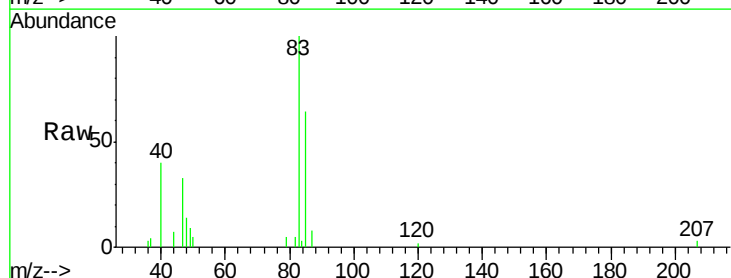
Acq: 13 Jan 2020 17:01

Tgt Ion: 83 Resp: 16770

Ion Ratio Lower Upper

83 100

85 64.0 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

8000

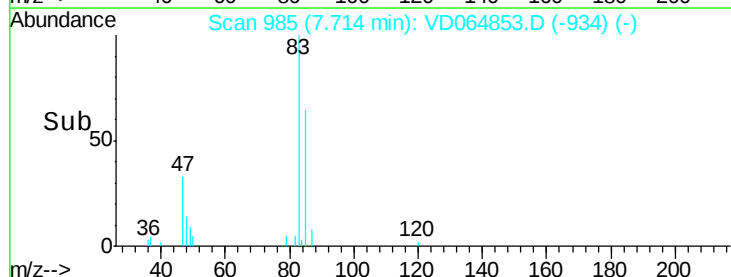
6000

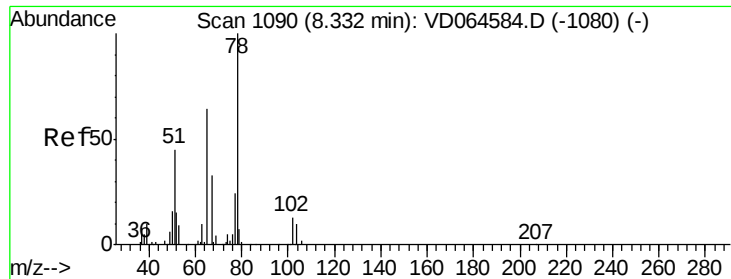
4000

2000

0

Time-->

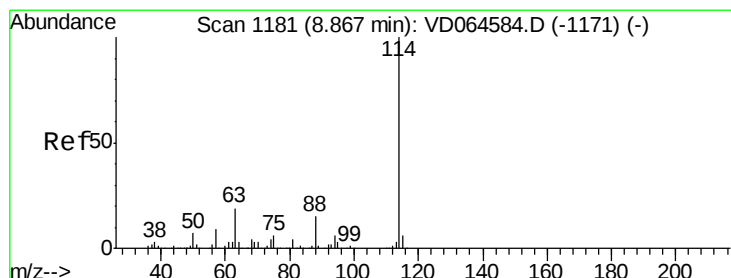
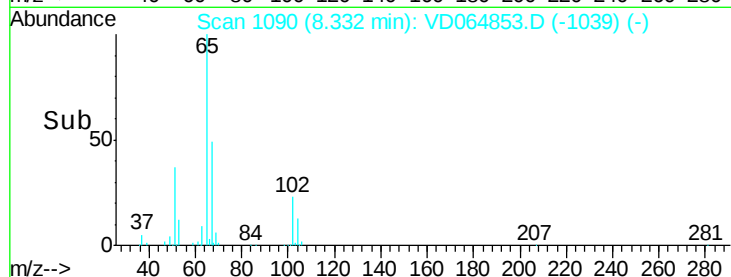
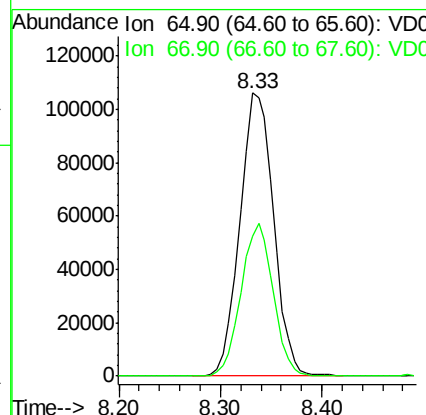
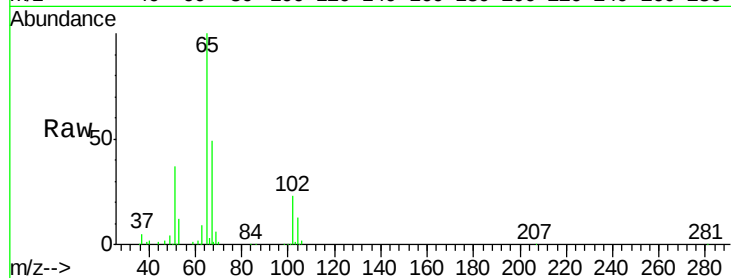




#33
 1,2-Dichloroethane-d4
 Concen: 58.566 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064853.D
 Acq: 13 Jan 2020 17:01

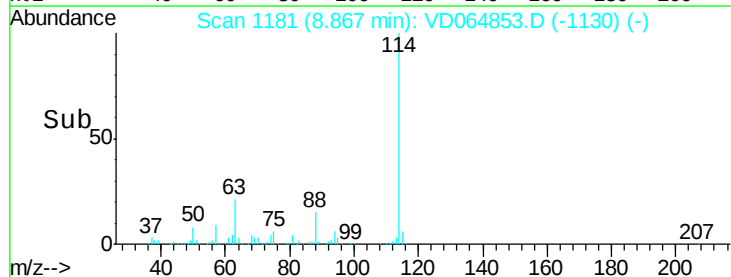
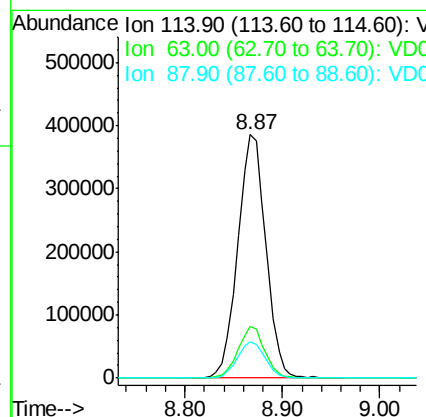
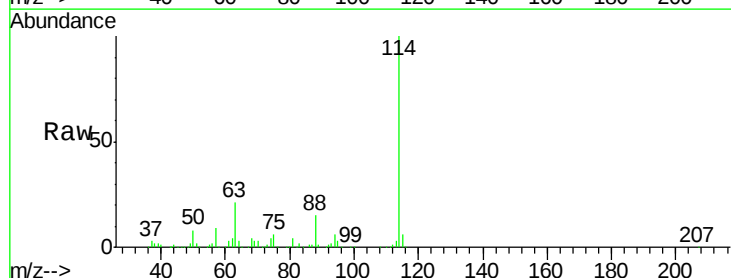
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9_13.5-14.0

Tot Ion: 65 Resp: 244840
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064853.D
 Acq: 13 Jan 2020 17:01

Tgt Ion: 114 Resp: 769361
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 38.0
 88 14.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.889 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064853.D

Acq: 13 Jan 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

SB-9_13.5-14.0

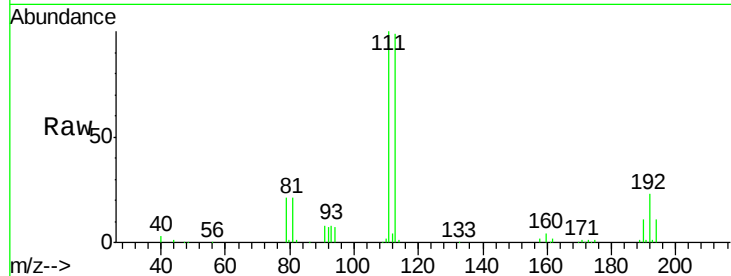
Tot Ion:113 Resp: 244926

Ion Ratio Lower Upper

113 100

111 103.0 80.6 121.0

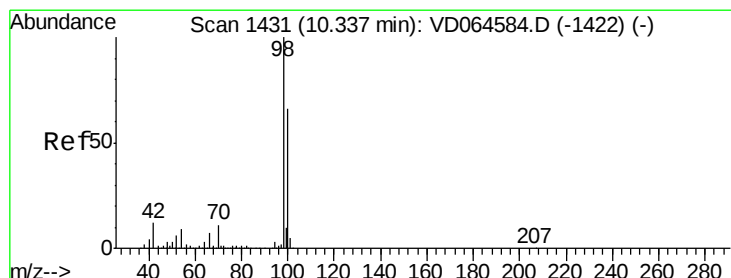
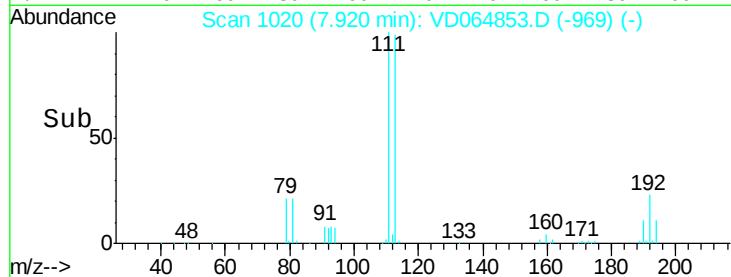
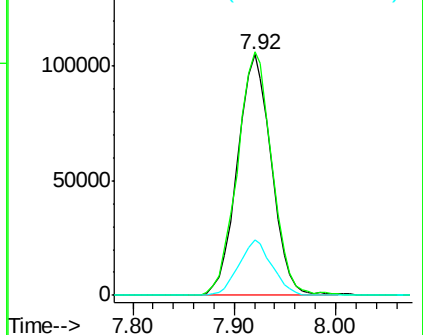
192 22.5 17.9 26.9



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: 51.304 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064853.D

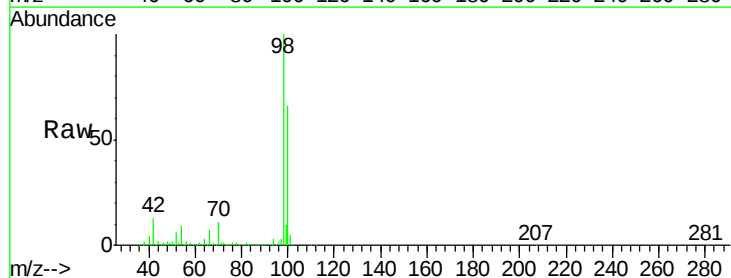
Acq: 13 Jan 2020 17:01

Tgt Ion: 98 Resp: 927466

Ion Ratio Lower Upper

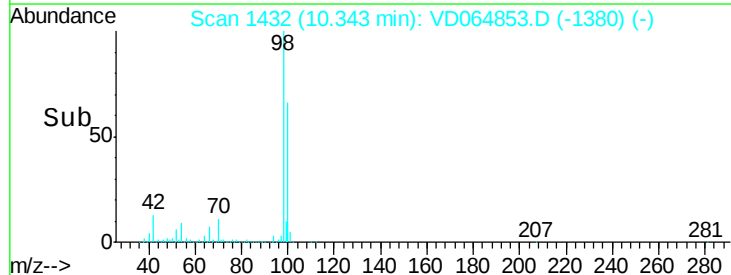
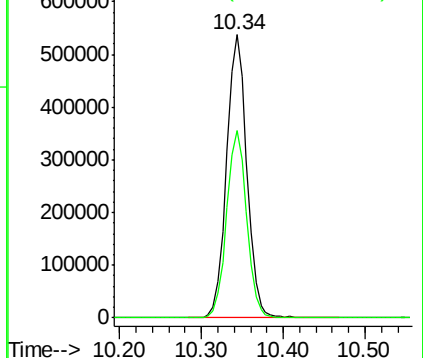
98 100

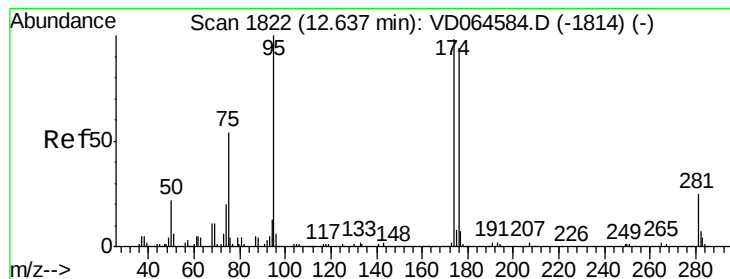
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.094 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064853.D

Acq: 13 Jan 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

SB-9_13.5-14.0

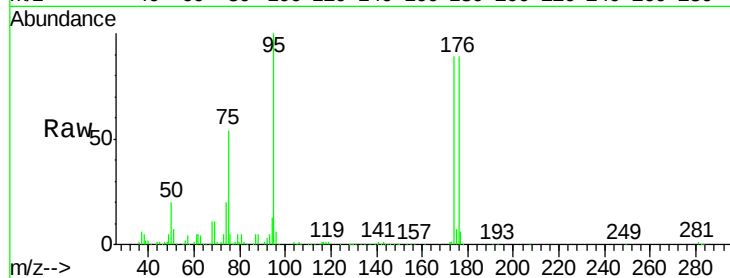
Tot Ion: 95 Resp: 292070

Ion Ratio Lower Upper

95 100

174 93.2 0.0 193.2

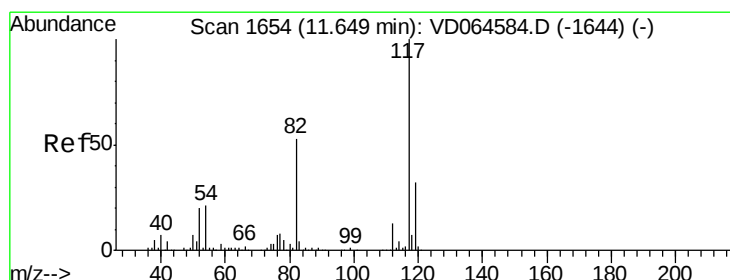
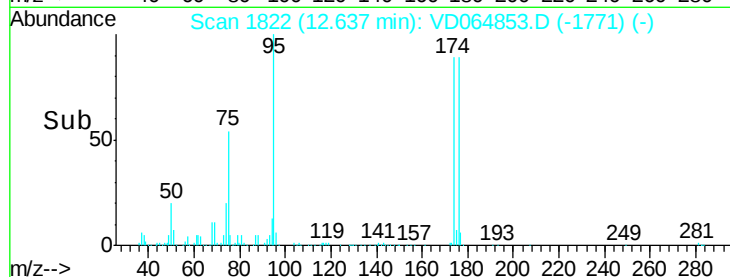
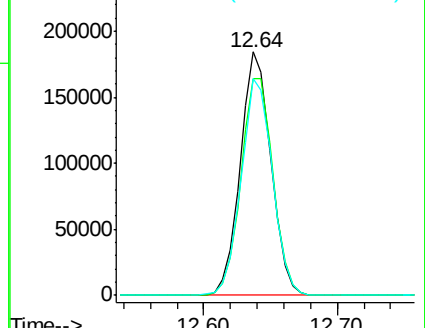
176 90.7 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064853.D

Acq: 13 Jan 2020 17:01

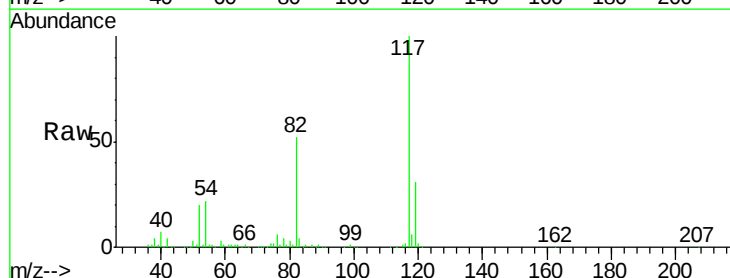
Tgt Ion: 117 Resp: 705080

Ion Ratio Lower Upper

117 100

82 51.6 42.2 63.4

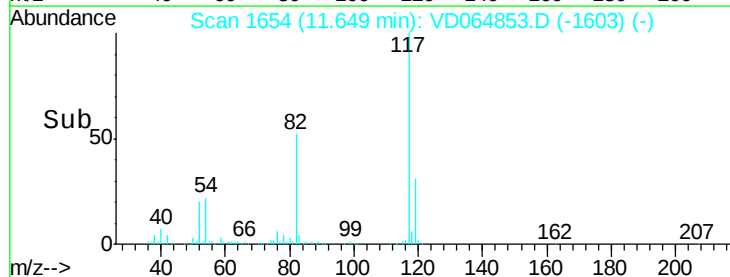
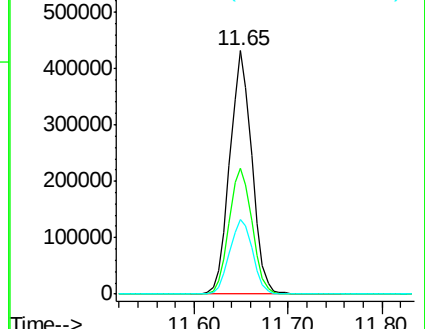
119 30.8 26.0 39.0

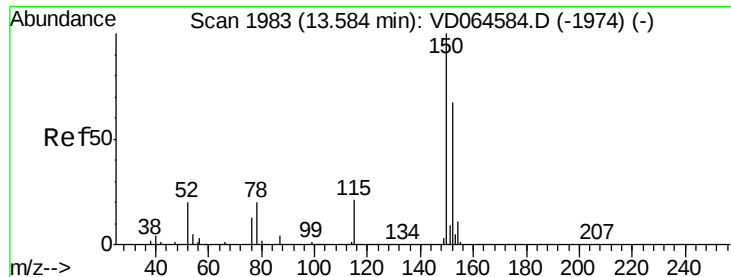


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.00 min

Lab File: VD064853.D

Acq: 13 Jan 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

SB-9_13.5-14.0

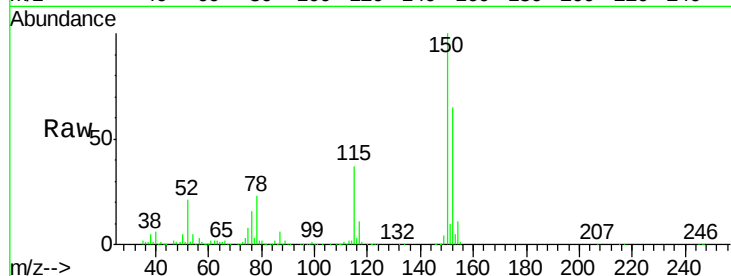
Tot Ion:152 Resp: 335099

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 155.5 0.0 351.4



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

