

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064564.D
 Acq On : 23 Dec 2019 13:12
 Operator : VA/SY
 Sample : K6396-02
 Misc : 5.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(5-7)

Quant Time: Dec 24 06:08:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

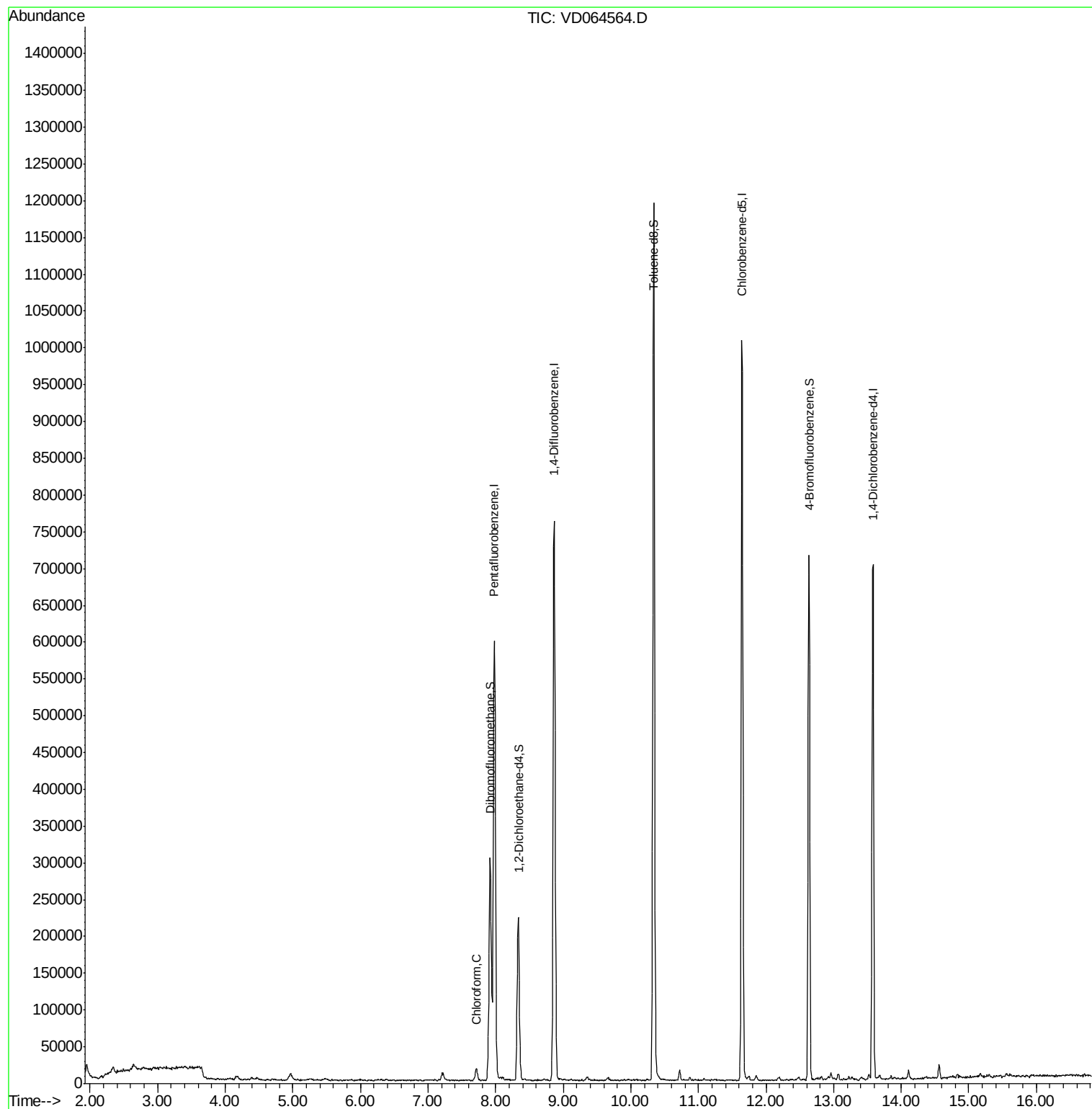
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	478285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	676413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	575883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	195723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	178454	41.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.44%	
35) Dibromofluoromethane	7.92	113	209656	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.34	98	821871	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.64	95	215233	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	
Target Compounds						
30) Chloroform	7.72	83	14551	1.759	ug/l	Qvalue 98

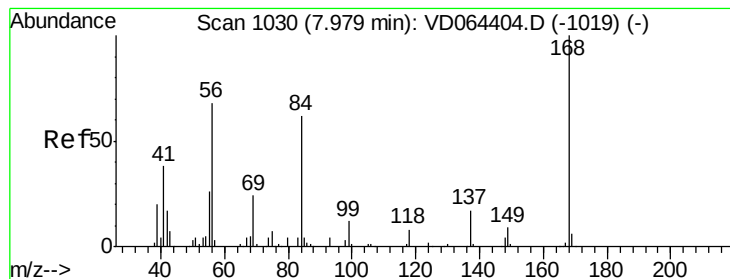
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064564.D

Acq: 23 Dec 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

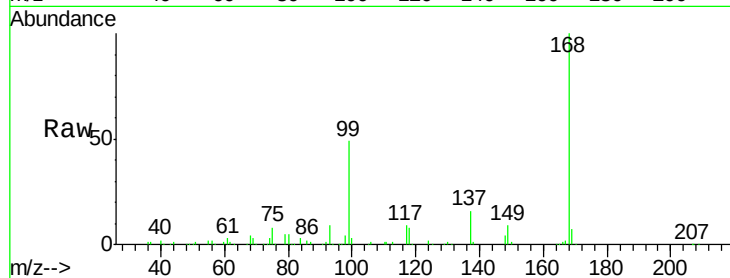
SB-1-(5-7)

Tot Ion:168 Resp: 478285

Ion Ratio Lower Upper

168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

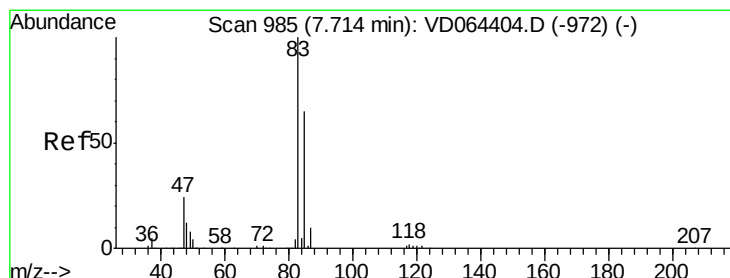
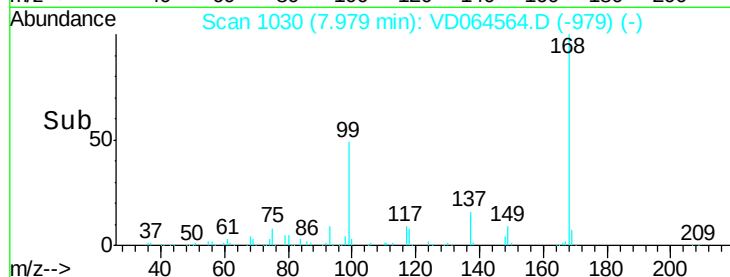
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.759 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064564.D

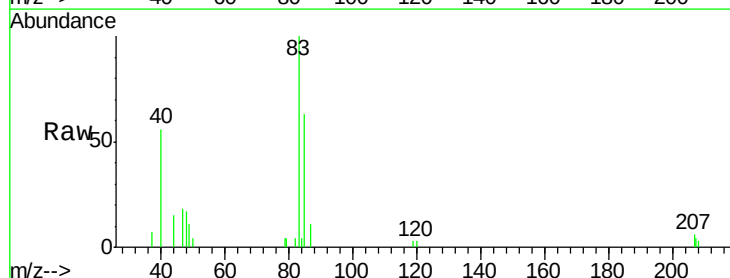
Acq: 23 Dec 2019 13:12

Tgt Ion: 83 Resp: 14551

Ion Ratio Lower Upper

83 100

85 63.0 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.72

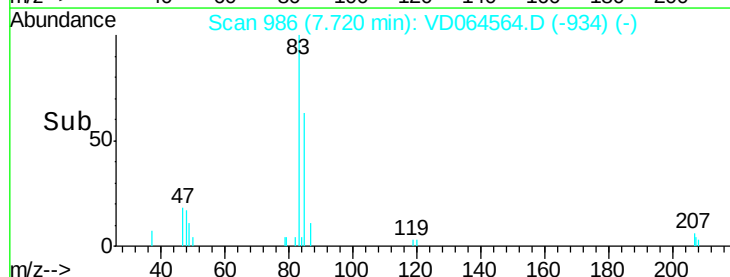
6000

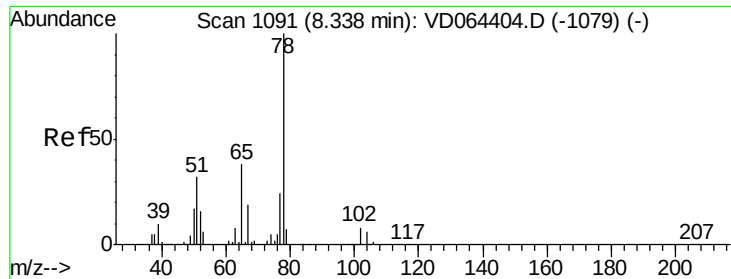
4000

2000

0

Time-->

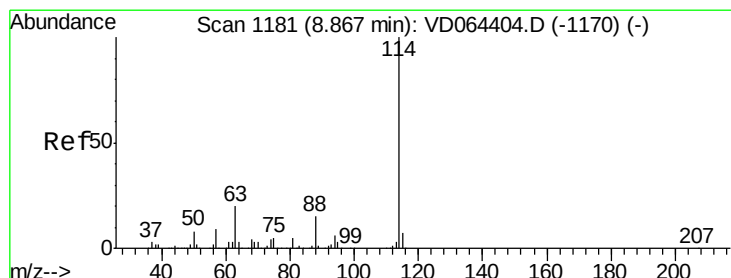
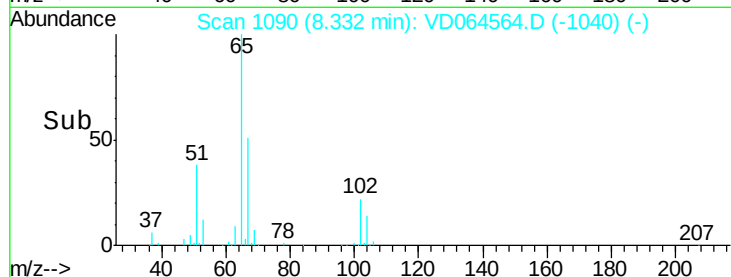
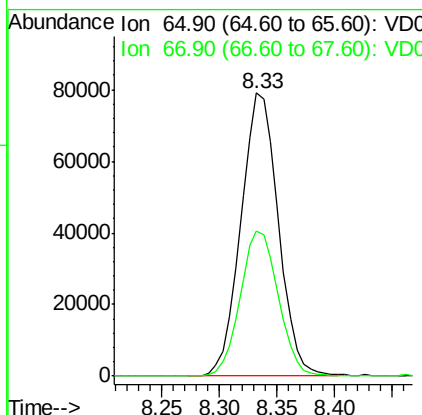
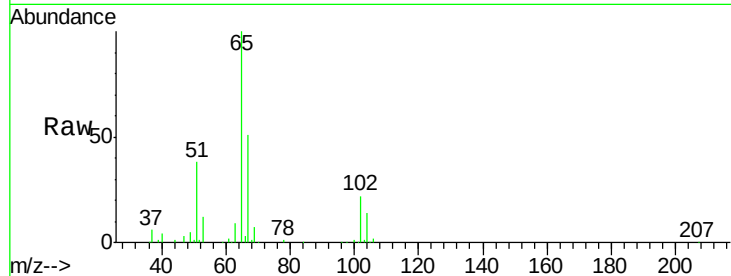




#33
 1,2-Dichloroethane-d4
 Concen: 41.221 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064564.D
 Acq: 23 Dec 2019 13:12

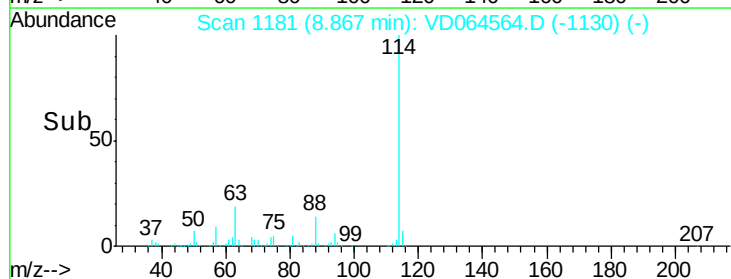
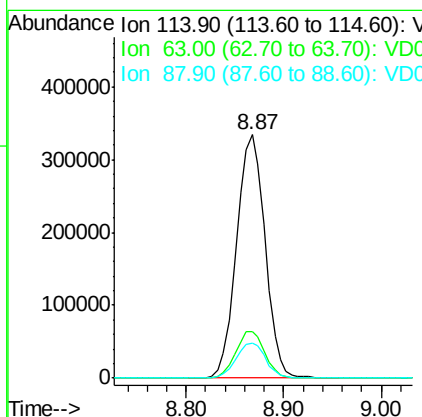
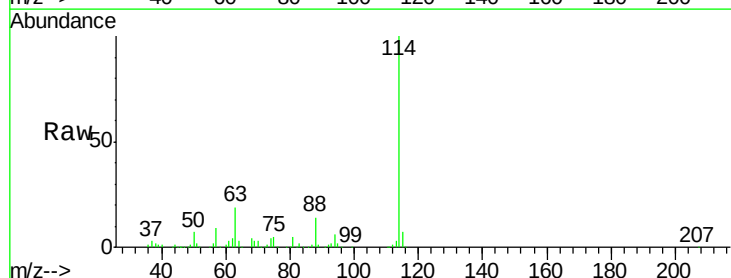
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(5-7)

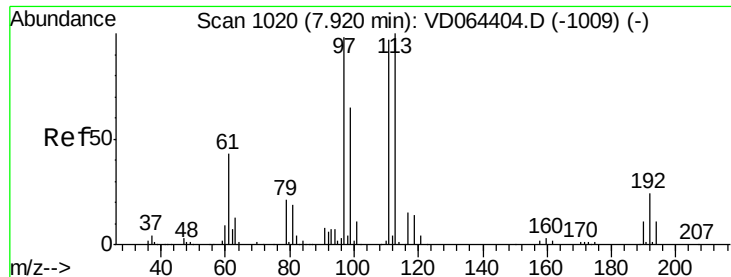
Tot Ion: 65 Resp: 178454
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064564.D
 Acq: 23 Dec 2019 13:12

Tgt Ion: 114 Resp: 676413
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.4 0.0 29.2

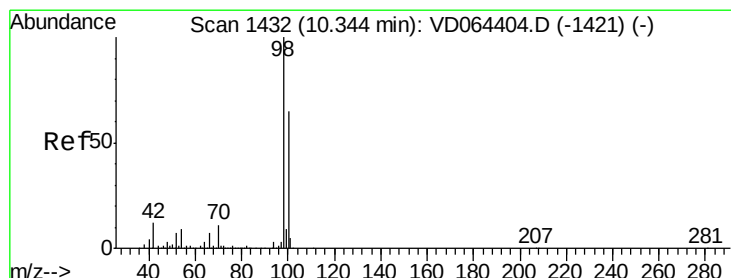
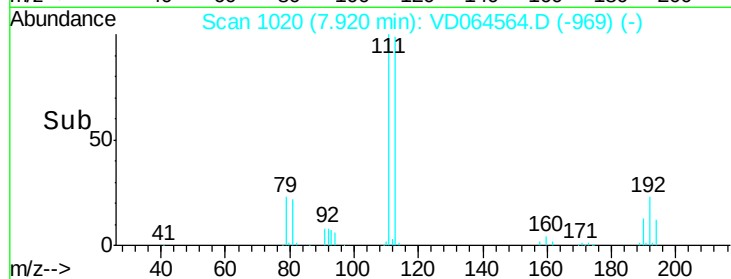
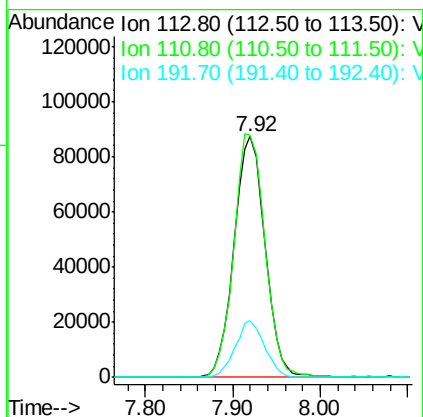
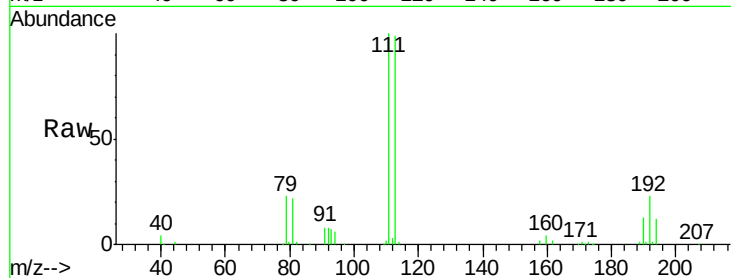




#35
 Dibromofluoromethane
 Concen: 49.195 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064564.D
 Acq: 23 Dec 2019 13:12

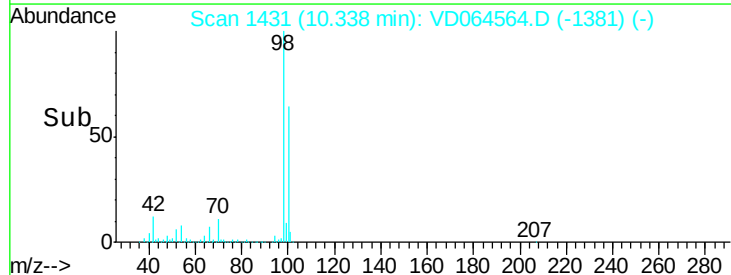
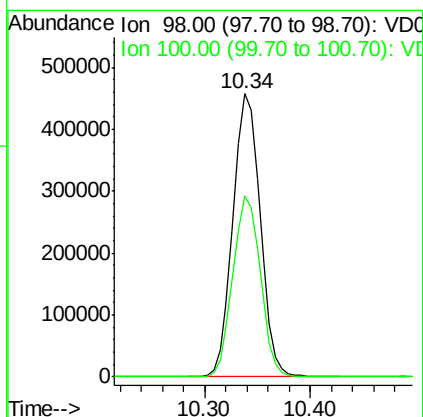
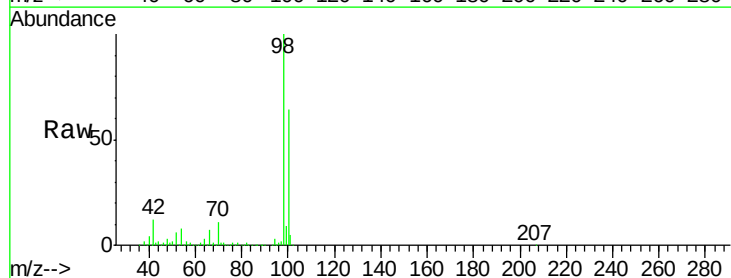
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(5-7)

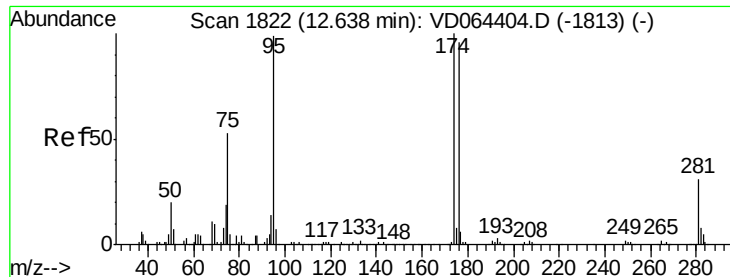
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.4	119.2
192	22.0	18.6	28.0



#50
 Toluene-d8
 Concen: 51.196 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064564.D
 Acq: 23 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	79.0

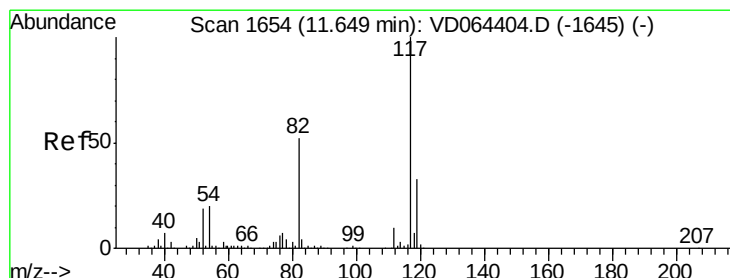
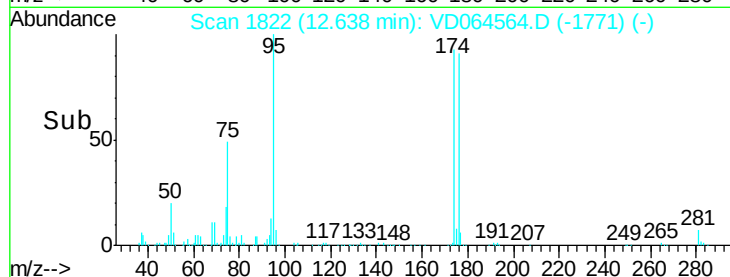
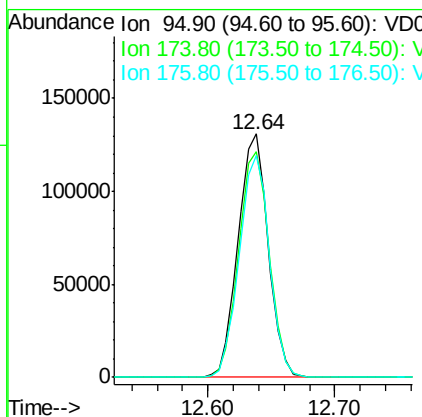
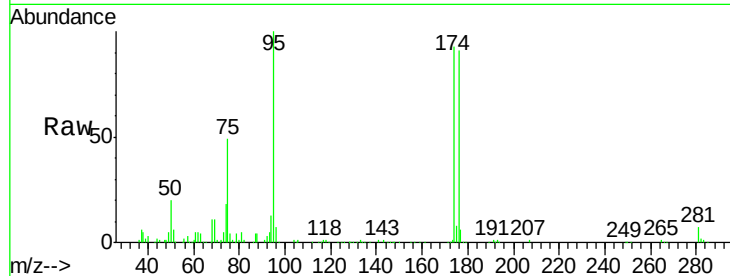




#62
4-Bromofluorobenzene
Concen: 41.719 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064564.D
Acq: 23 Dec 2019 13:12

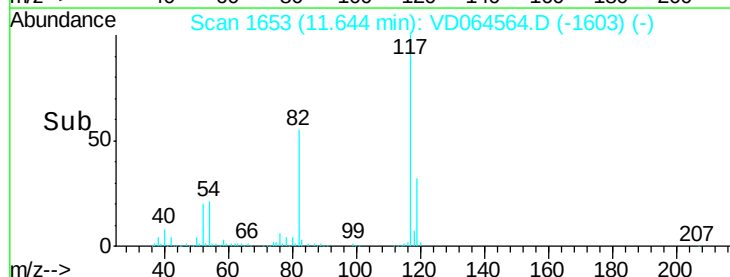
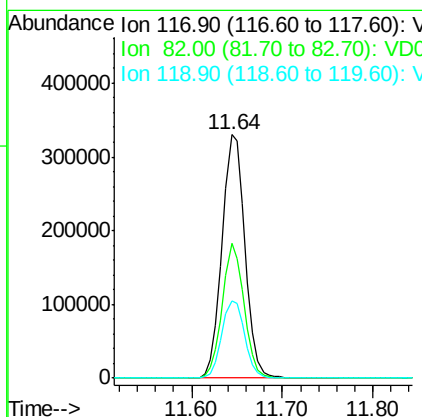
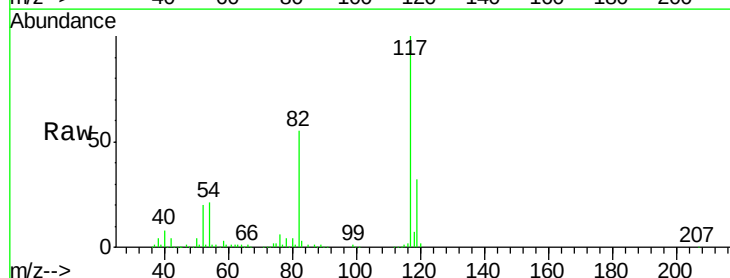
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(5-7)

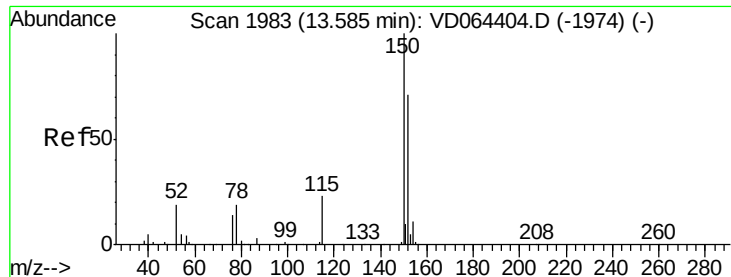
Tot Ion: 95 Resp: 215233
Ion Ratio Lower Upper
95 100
174 94.4 0.0 197.2
176 91.4 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064564.D
Acq: 23 Dec 2019 13:12

Tgt Ion: 117 Resp: 575883
Ion Ratio Lower Upper
117 100
82 55.2 41.4 62.2
119 31.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064564.D

Acq: 23 Dec 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

SB-1-(5-7)

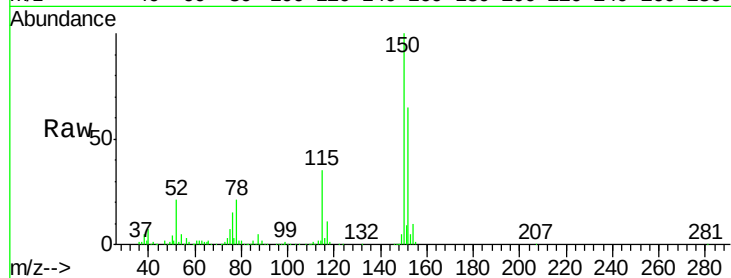
Tot Ion:152 Resp: 195723

Ion Ratio Lower Upper

152 100

115 55.3 26.7 80.1

150 157.8 0.0 347.2



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

