

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011320\
 Data File : VD064847.D
 Acq On : 13 Jan 2020 14:08
 Operator : VA/SY
 Sample : L1098-03
 Misc : 7.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3 13.0-13.5

Quant Time: Jan 14 11:49:54 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

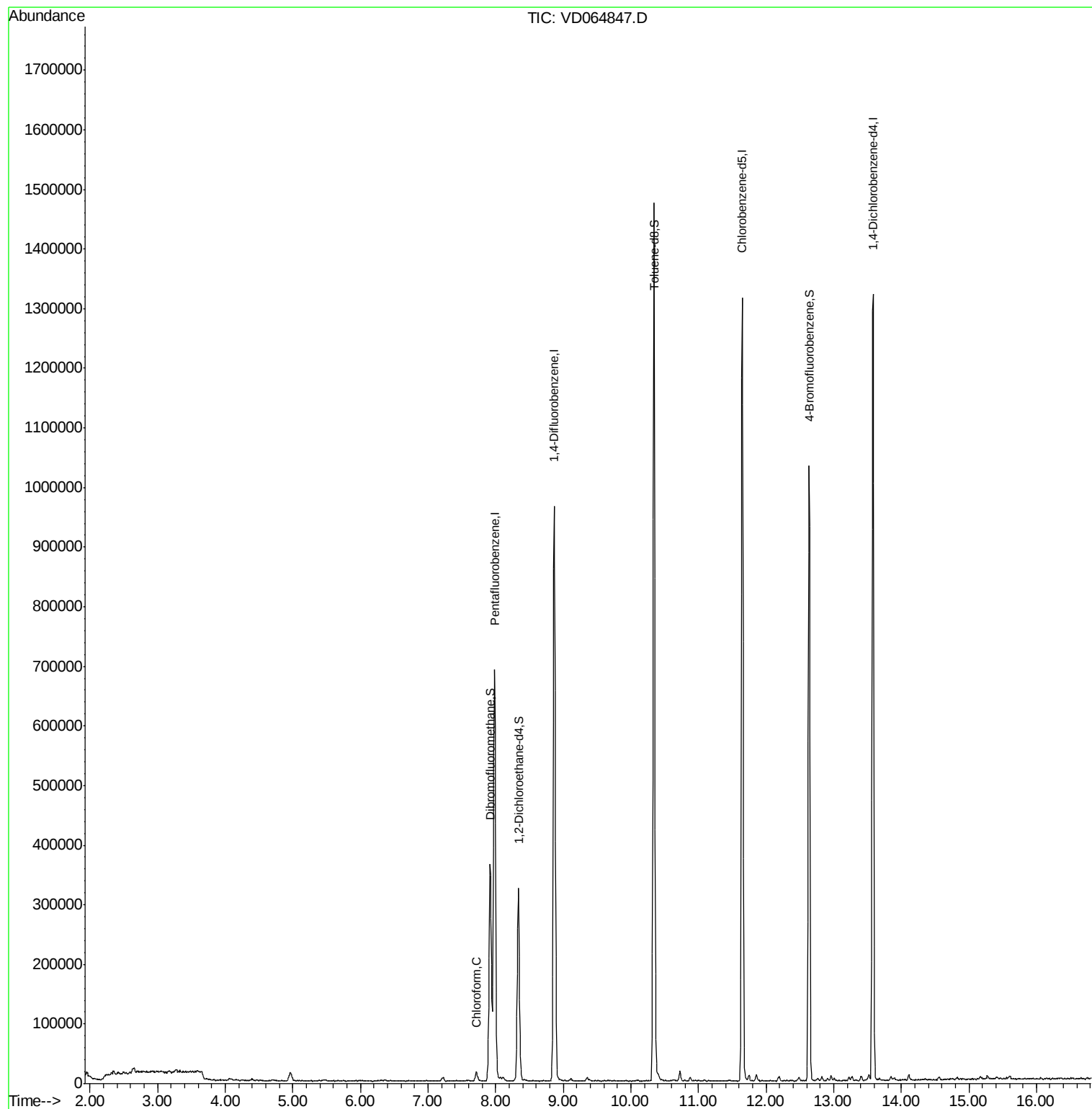
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	815900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	751135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	255320	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
35) Dibromofluoromethane	7.92	113	255582	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.34	98	976493	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.64	95	311105	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
30) Chloroform	7.71	83	13042	1.447	ug/l	Qvalue 93

(#) = 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: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

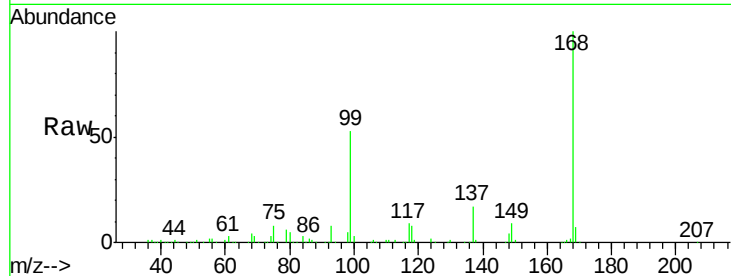
SB-3_13.0-13.5

Tot Ion:168 Resp: 523073

Ion Ratio Lower Upper

168 100

99 52.6 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

250000

200000

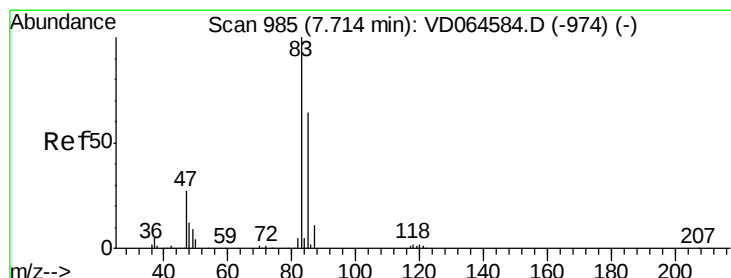
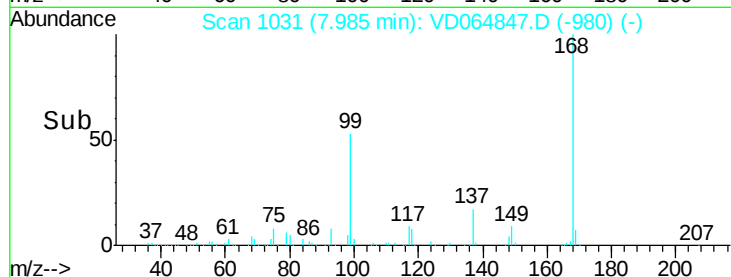
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.447 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064847.D

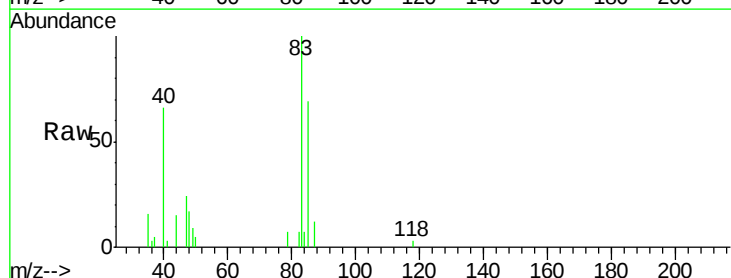
Acq: 13 Jan 2020 14:08

Tgt Ion: 83 Resp: 13042

Ion Ratio Lower Upper

83 100

85 69.3 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

6000

5000

4000

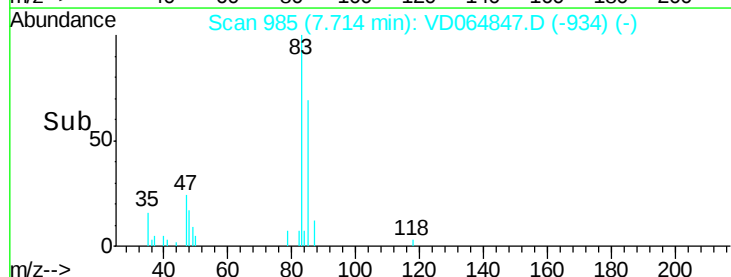
3000

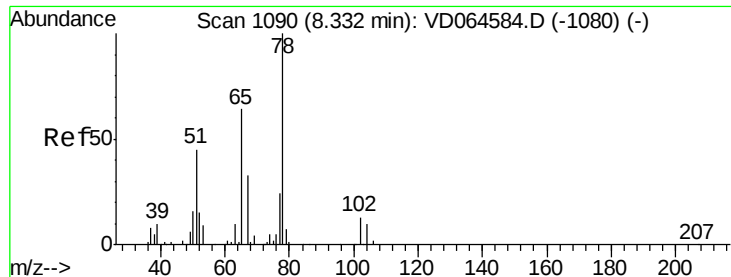
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.355 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

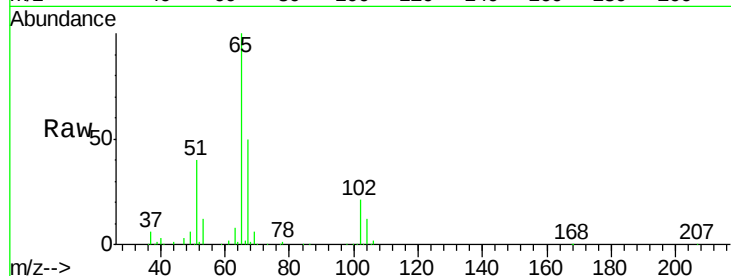
SB-3 13.0-13.5

Tot Ion: 65 Resp: 255320

Ion Ratio Lower Upper

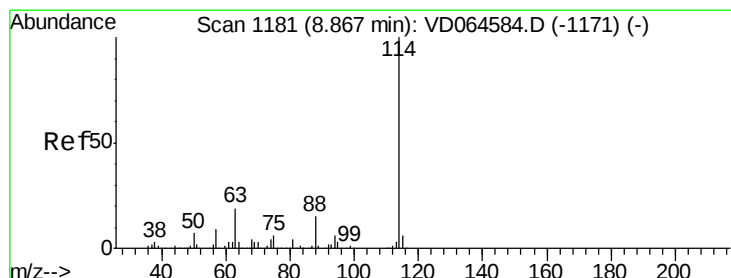
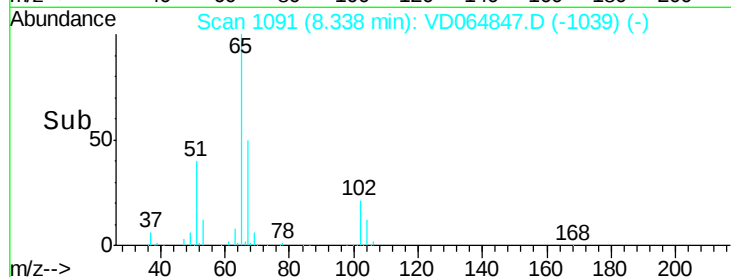
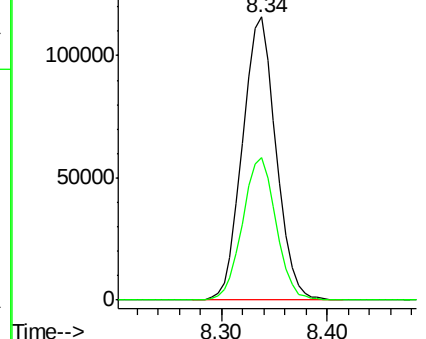
65 100

67 50.6 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: VD064847.D

Acq: 13 Jan 2020 14:08

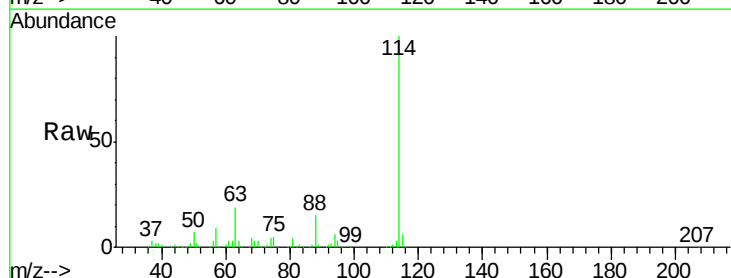
Tgt Ion: 114 Resp: 815900

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

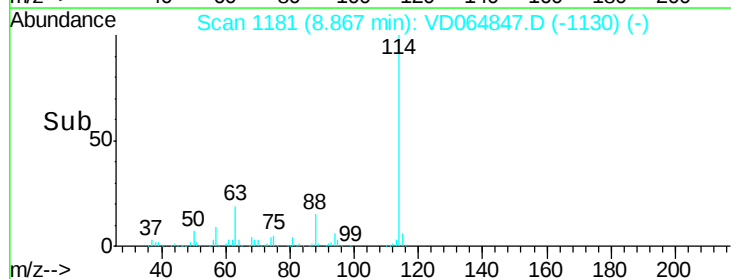
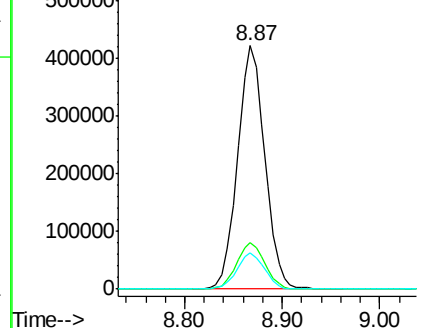
88 15.0 0.0 29.2



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: 51.058 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

SB-3 13.0-13.5

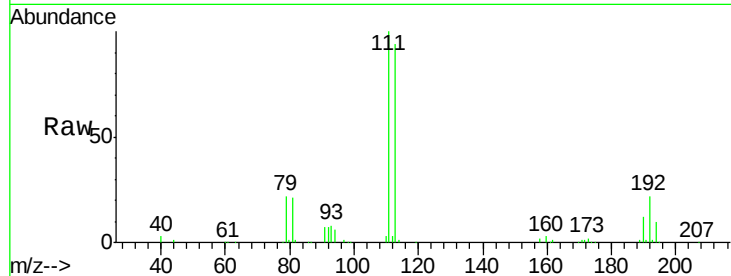
Tot Ion:113 Resp: 255582

Ion Ratio Lower Upper

113 100

111 101.7 80.6 121.0

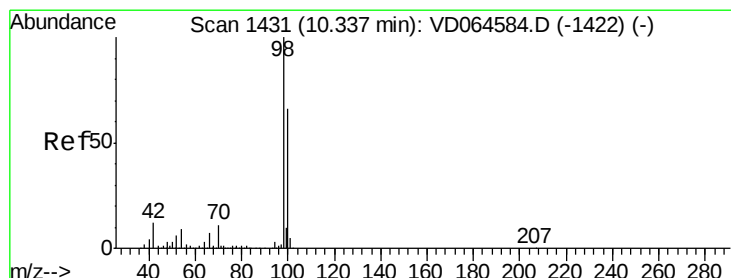
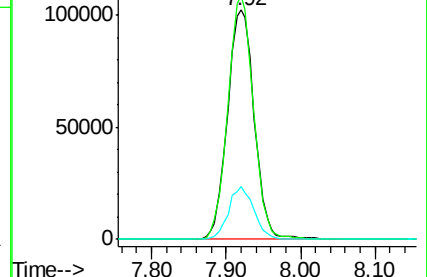
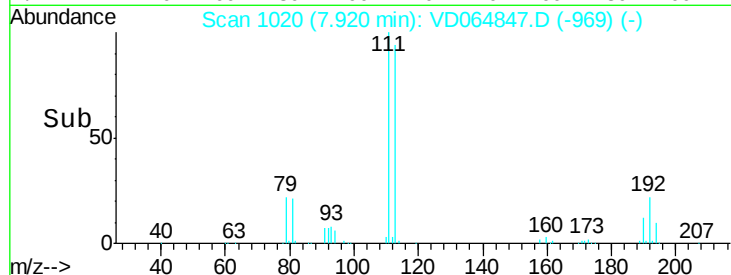
192 21.6 17.9 26.9



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: 50.935 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064847.D

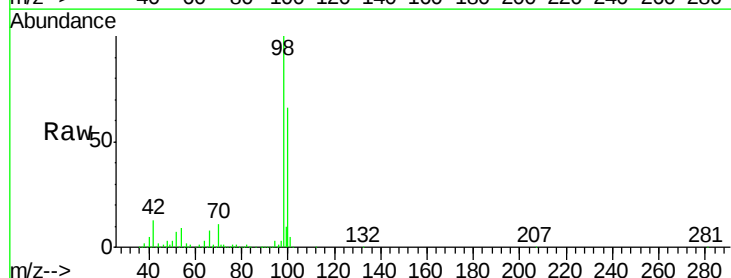
Acq: 13 Jan 2020 14:08

Tgt Ion: 98 Resp: 976493

Ion Ratio Lower Upper

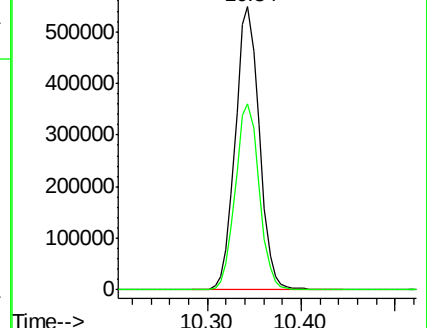
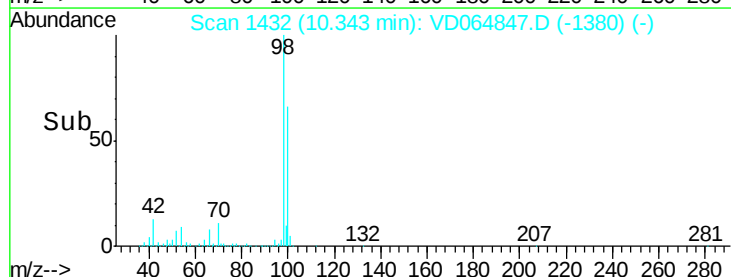
98 100

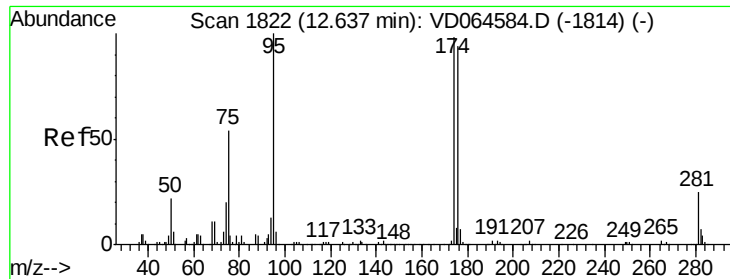
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

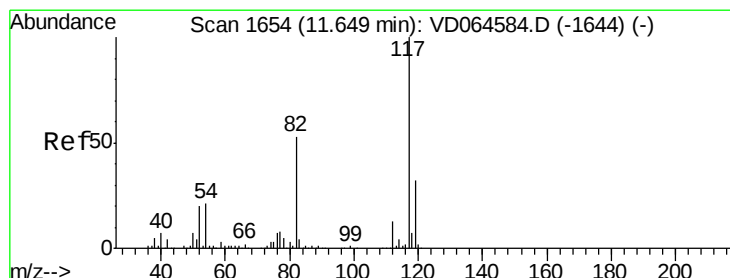
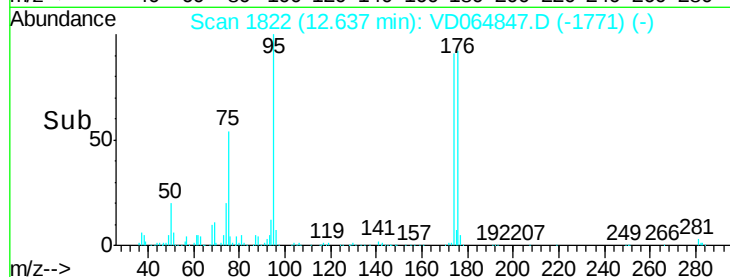
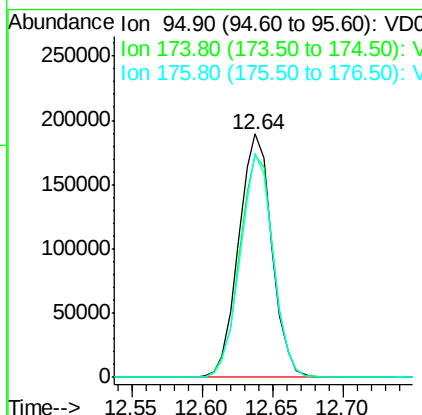
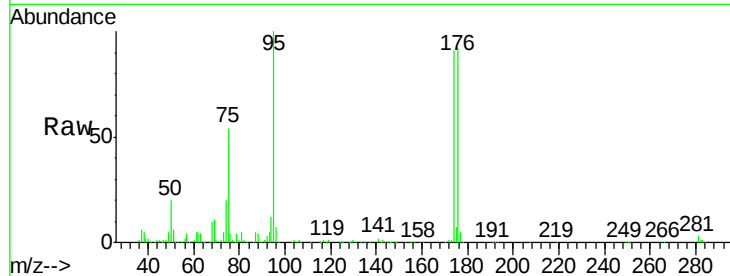




#62
4-Bromofluorobenzene
Concen: 51.319 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

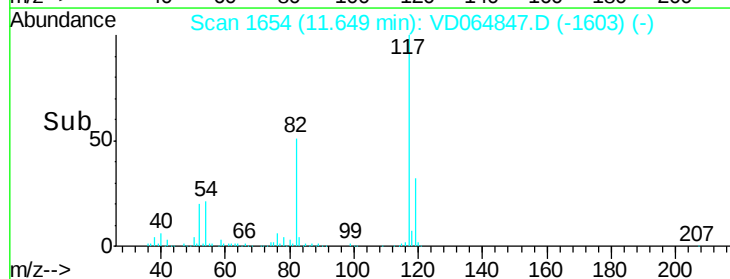
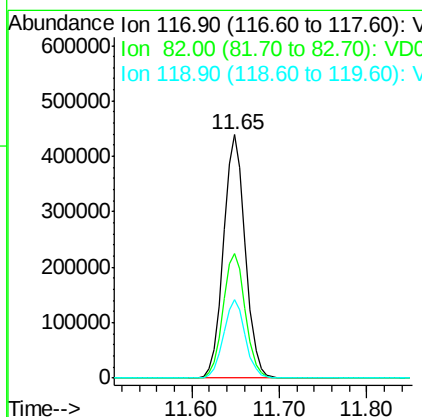
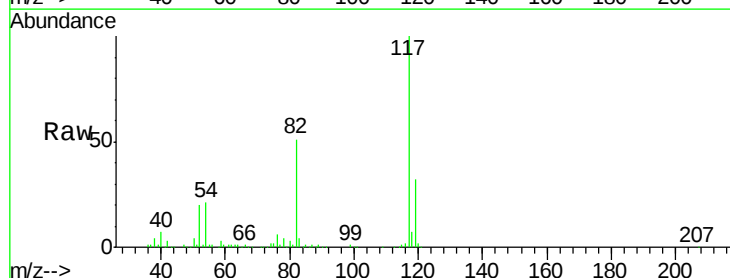
Instrument :
MSVOA_D
ClientSampleId :
SB-3_13.0-13.5

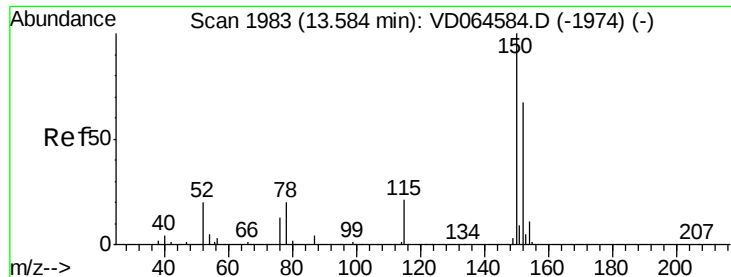
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	193.2
176	90.4	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.2	63.4
119	32.1	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: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

SB-3_13.0-13.5

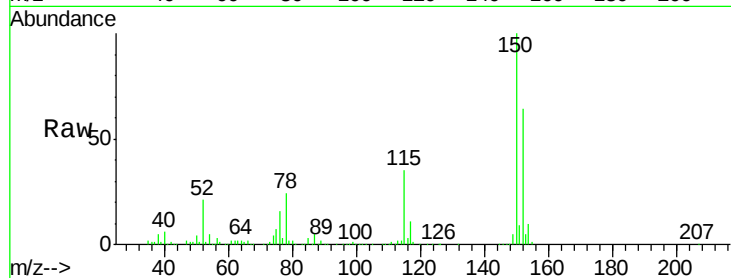
Tot Ion:152 Resp: 353703

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

150 156.9 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

