

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064569.D
 Acq On : 23 Dec 2019 15:34
 Operator : VA/SY
 Sample : K6396-07
 Misc : 5.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Dec 24 06:15:54 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

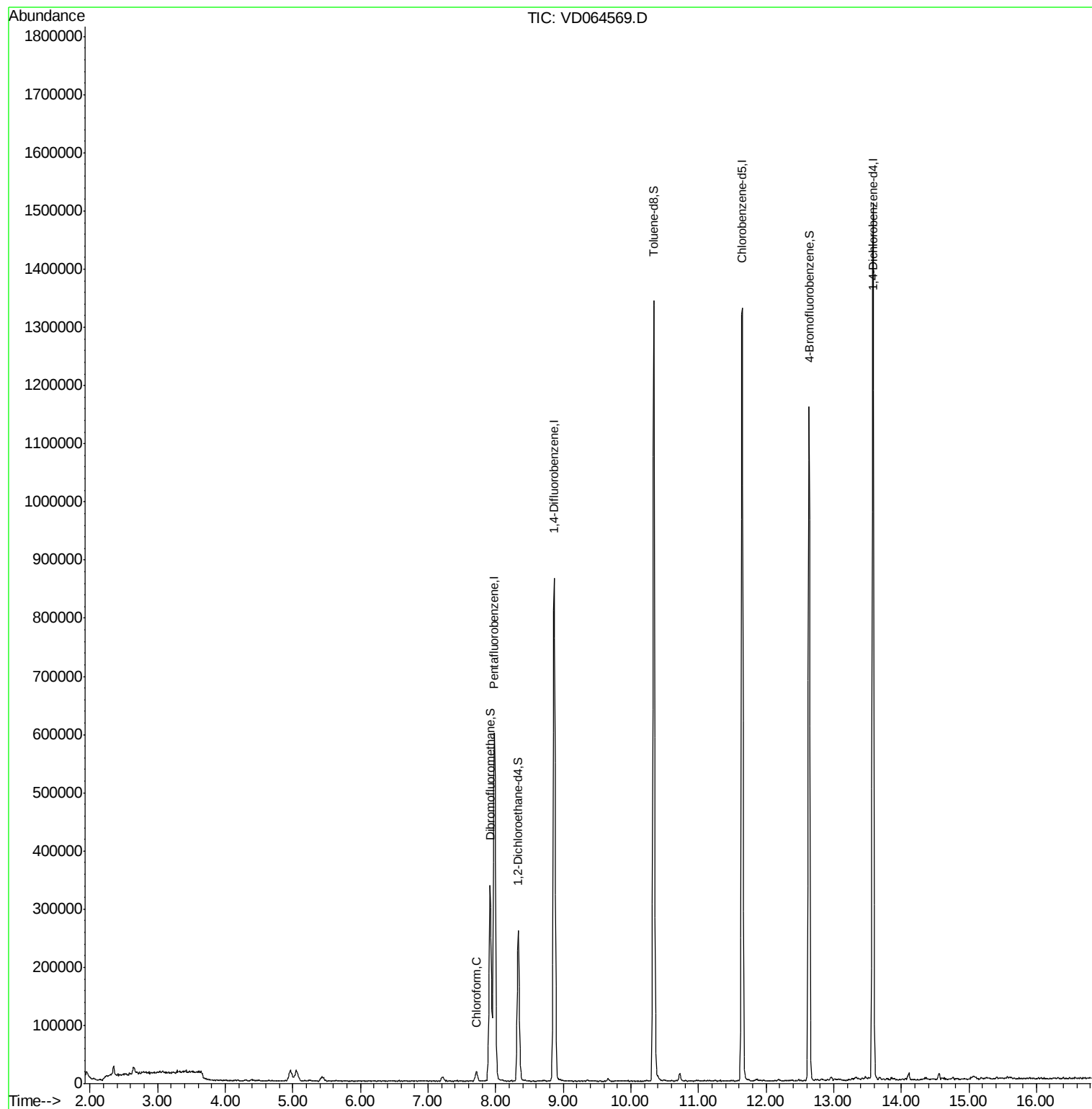
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	481572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	748218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	775776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	402832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	203318	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	7.92	113	229625	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.34	98	913880	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	346505	60.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.44%	
Target Compounds						
30) Chloroform	7.72	83	15586	1.871	ug/l #	Qvalue 81

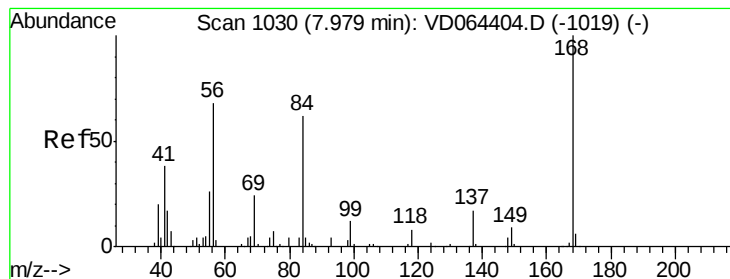
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064569.D

Acq: 23 Dec 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

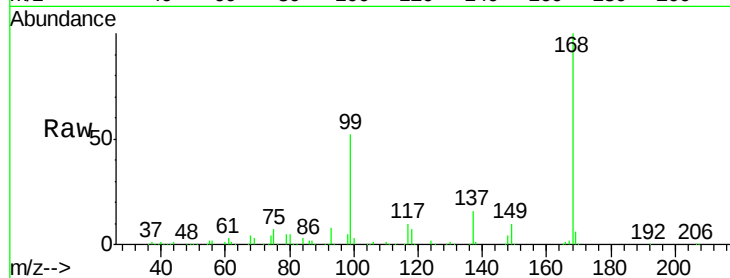
SB-3-(0-2)

Tot Ion:168 Resp: 481572

Ion Ratio Lower Upper

168 100

99 52.1 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

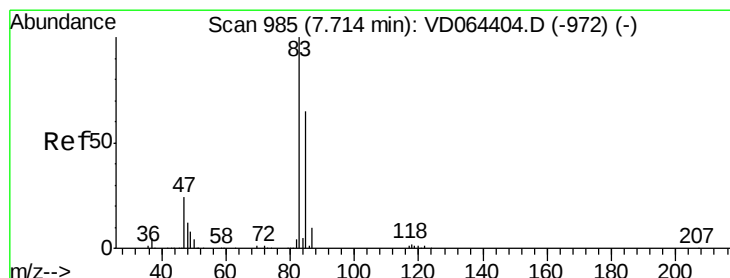
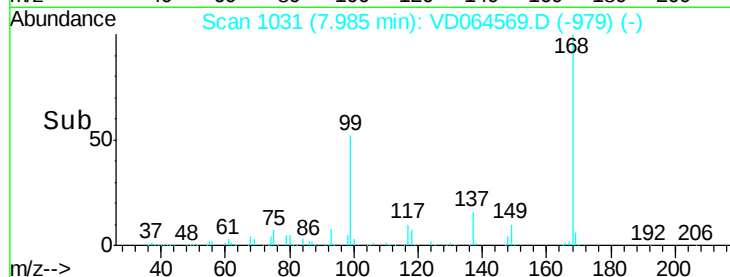
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.871 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064569.D

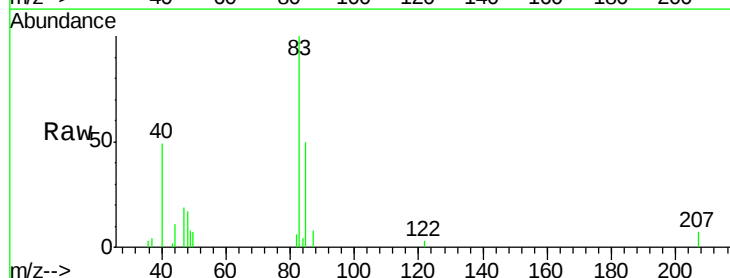
Acq: 23 Dec 2019 15:34

Tgt Ion: 83 Resp: 15586

Ion Ratio Lower Upper

83 100

85 49.9 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

8000

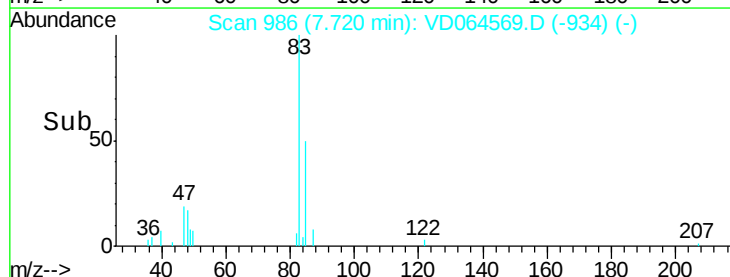
6000

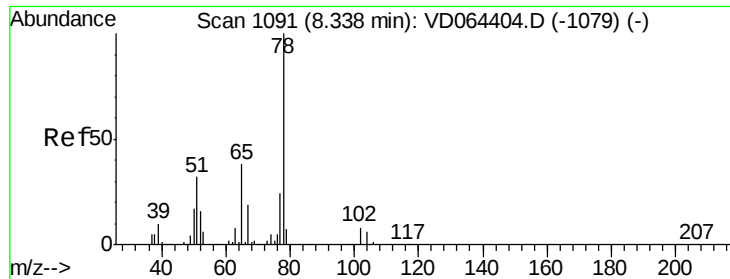
4000

2000

0

Time-->

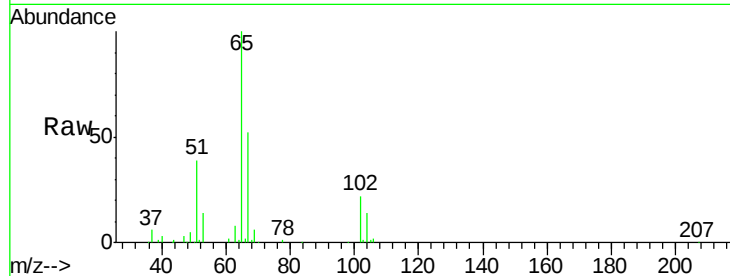




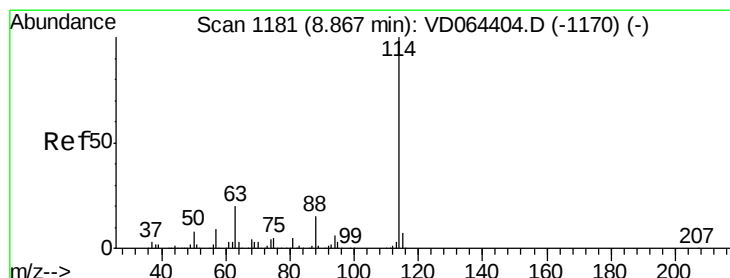
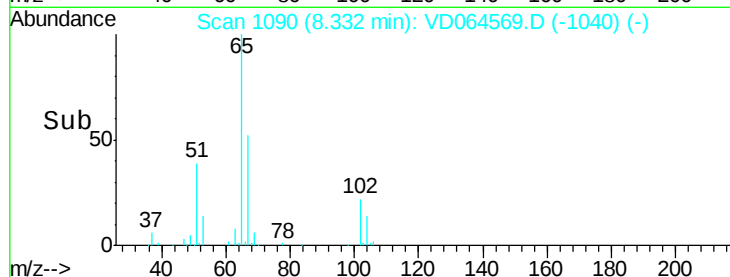
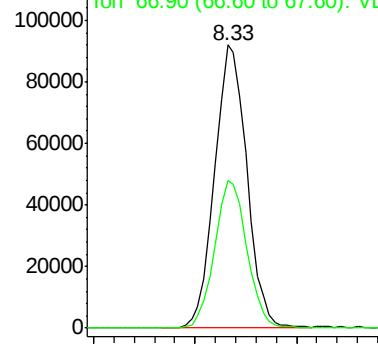
#33
 1,2-Dichloroethane-d4
 Concen: 46.644 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064569.D
 Acq: 23 Dec 2019 15:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(0-2)

Tot Ion: 65 Resp: 203318
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0

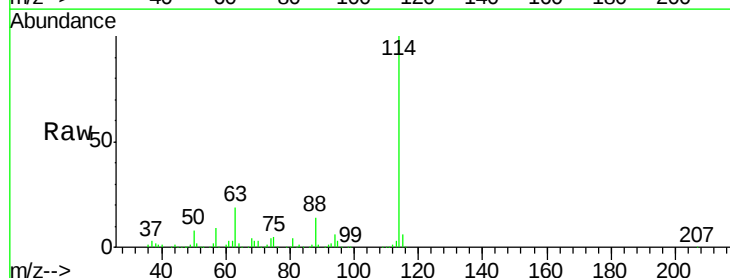


Abundance Ion 64.90 (64.60 to 65.60): VDC
 Ion 66.90 (66.60 to 67.60): VDC

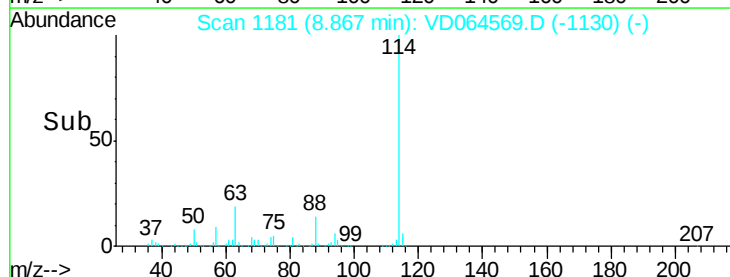
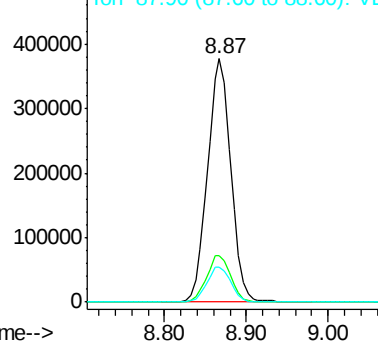


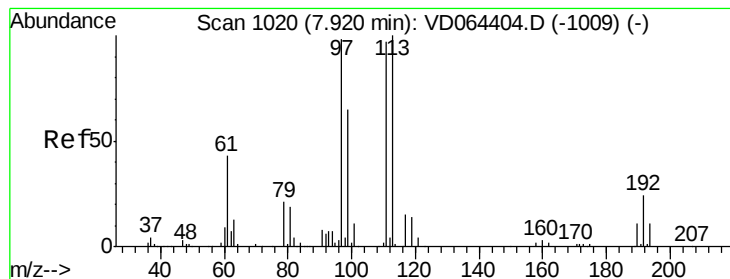
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064569.D
 Acq: 23 Dec 2019 15:34

Tgt Ion: 114 Resp: 748218
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 14.4 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 48.710 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064569.D

Acq: 23 Dec 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(0-2)

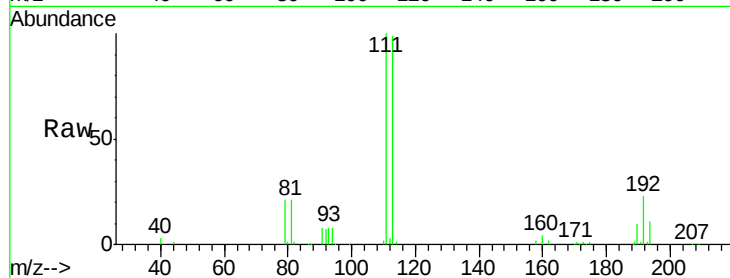
Tot Ion:113 Resp: 229625

Ion Ratio Lower Upper

113 100

111 102.2 79.4 119.2

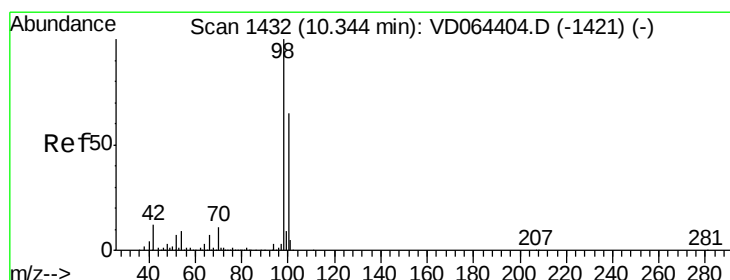
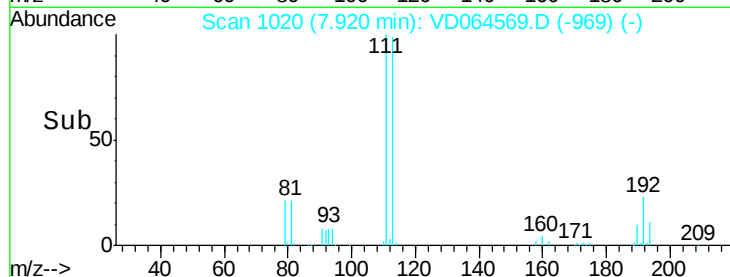
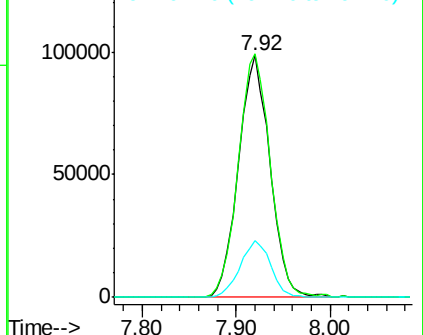
192 23.1 18.6 28.0



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: 51.464 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064569.D

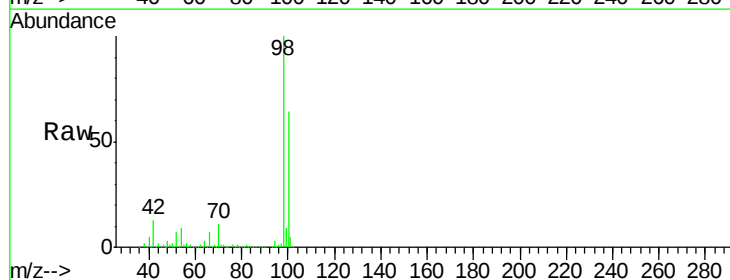
Acq: 23 Dec 2019 15:34

Tgt Ion: 98 Resp: 913880

Ion Ratio Lower Upper

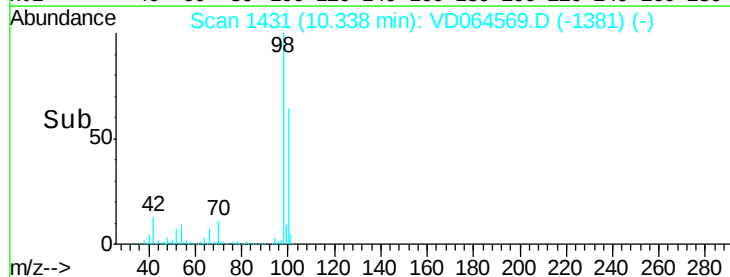
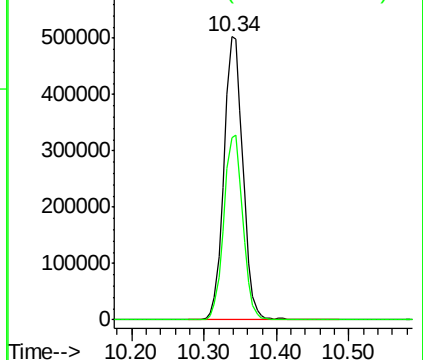
98 100

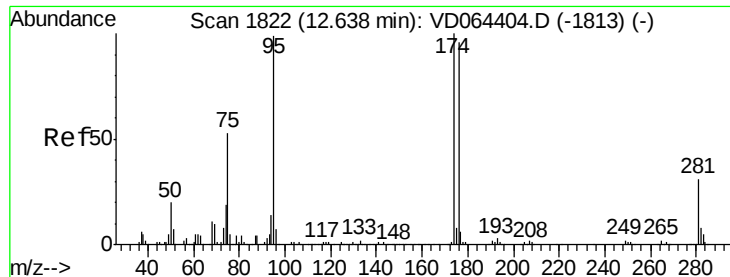
100 65.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

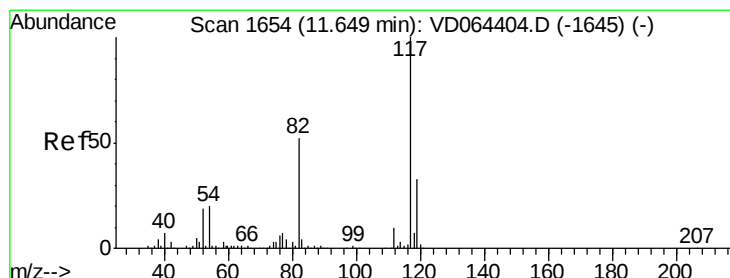
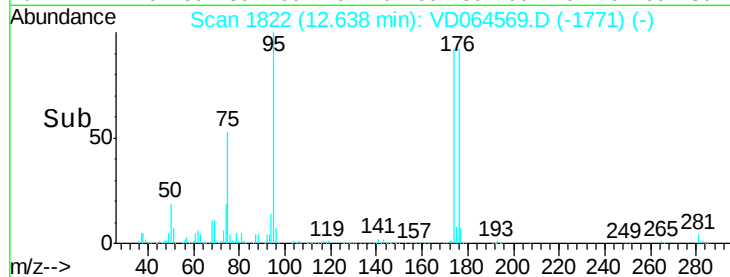
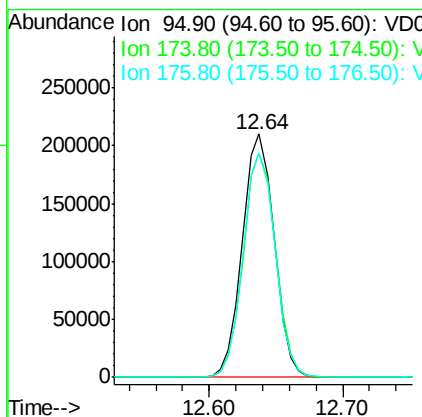
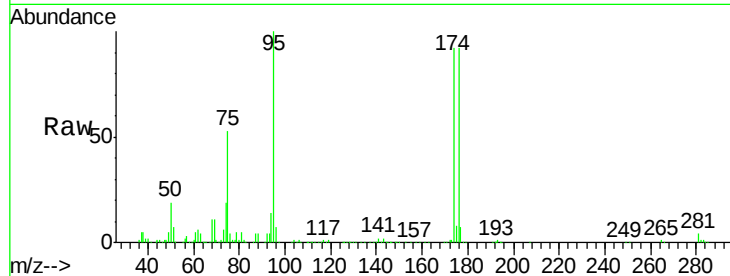




#62
4-Bromofluorobenzene
Concen: 60.718 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064569.D
Acq: 23 Dec 2019 15:34

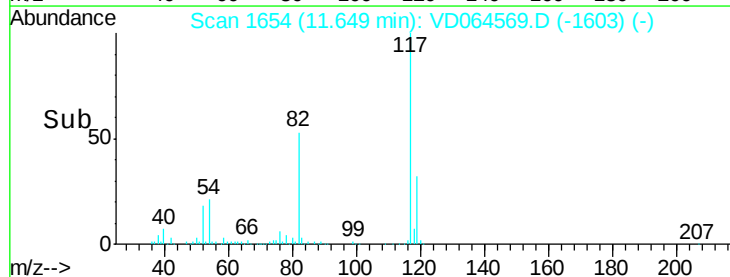
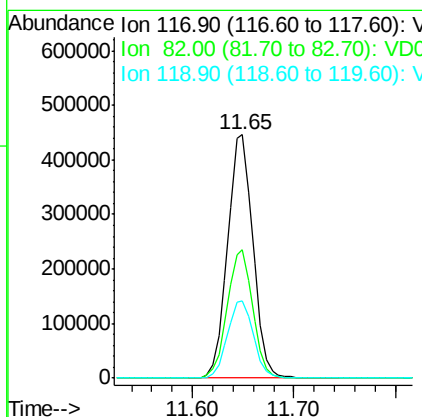
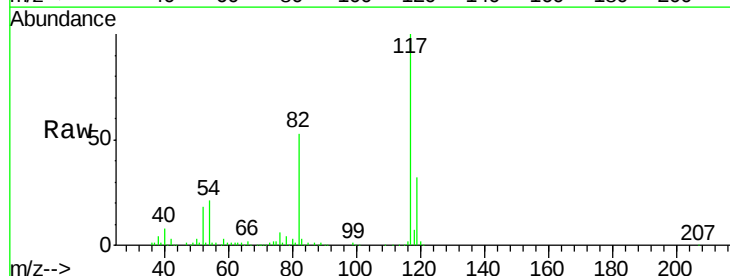
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(0-2)

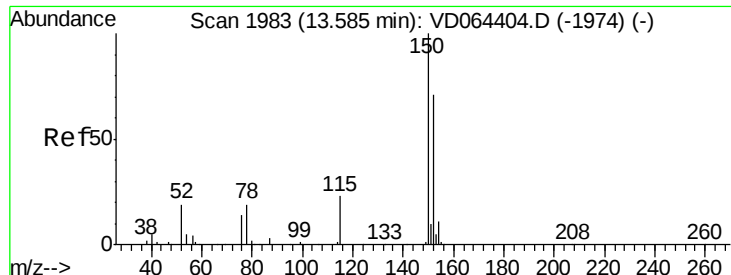
Tot Ion: 95 Resp: 346505
Ion Ratio Lower Upper
95 100
174 93.1 0.0 197.2
176 92.4 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064569.D
Acq: 23 Dec 2019 15:34

Tgt Ion: 117 Resp: 775776
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.2
119 31.7 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: VD064569.D

Acq: 23 Dec 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(0-2)

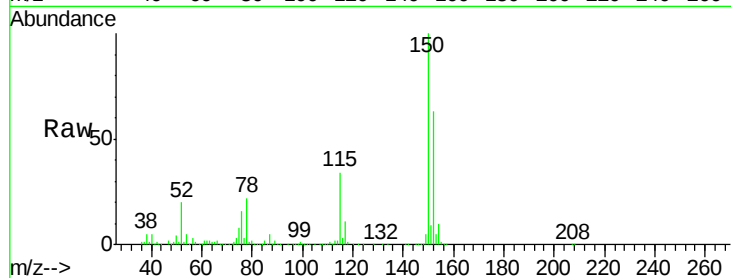
Tot Ion:152 Resp: 402832

Ion Ratio Lower Upper

152 100

115 55.4 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

