

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064112.D
 Acq On : 30 Oct 2019 13:52
 Operator : VA/SY
 Sample : K5148-13
 Misc : 7.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-102919

Quant Time: Oct 31 04:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

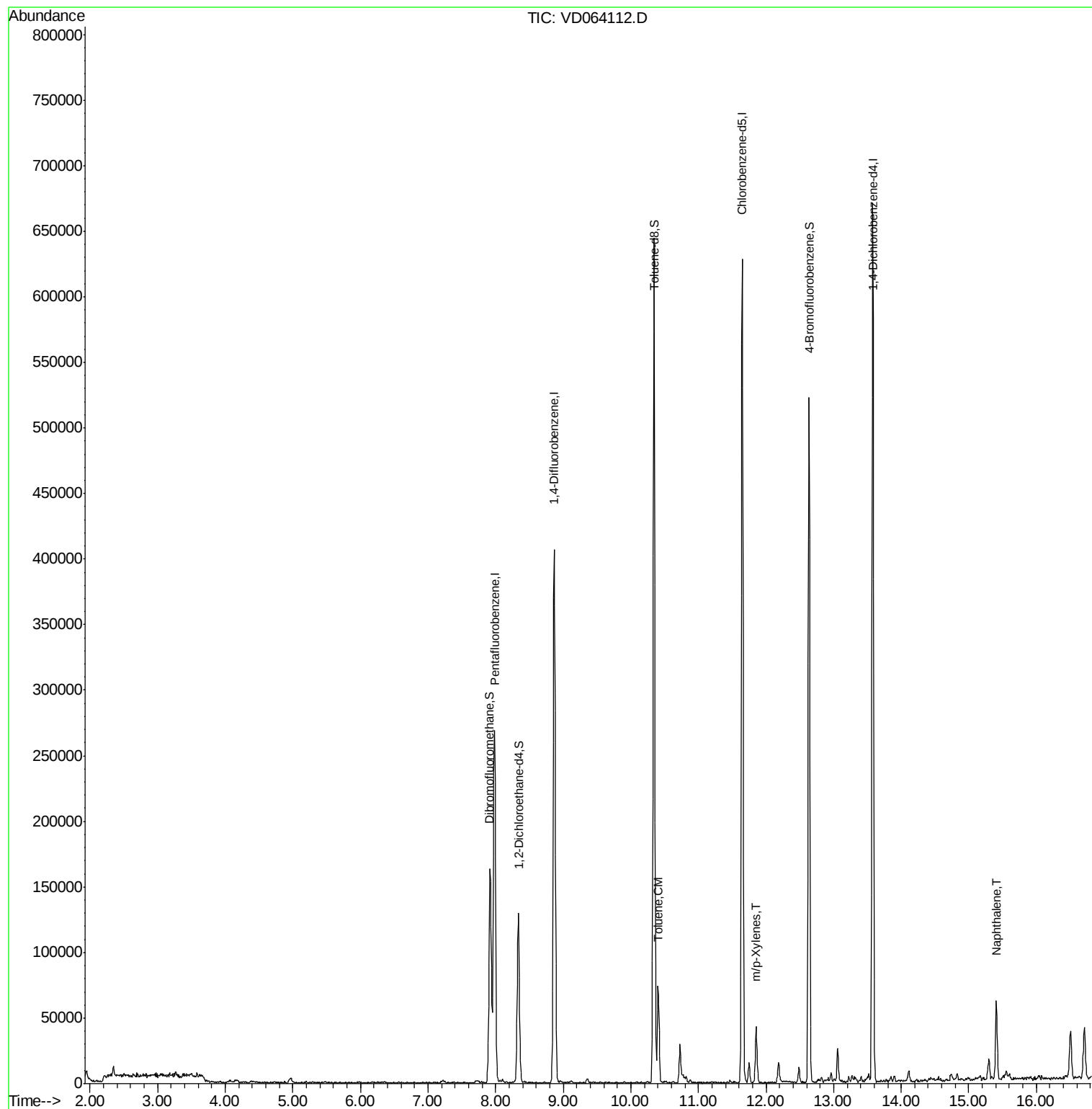
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	216165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	367330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	369084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	100330	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
35) Dibromofluoromethane	7.92	113	116765	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	10.34	98	445773	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.64	95	148138	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
Target Compounds						
52) Toluene	10.40	92	30054	4.569	ug/l	87
68) m/p-Xylenes	11.86	106	13336	2.444	ug/l	93
95) Naphthalene	15.41	128	54066	8.987	ug/l	98

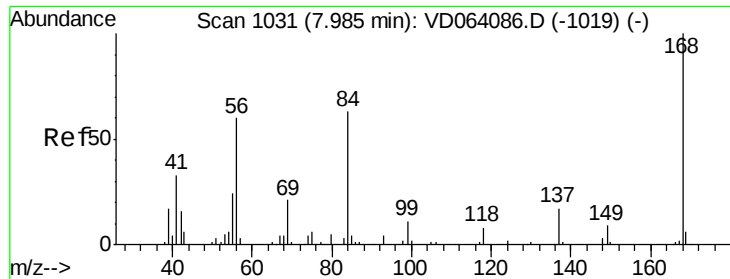
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
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QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :

MSVOA_D

ClientSampleId :

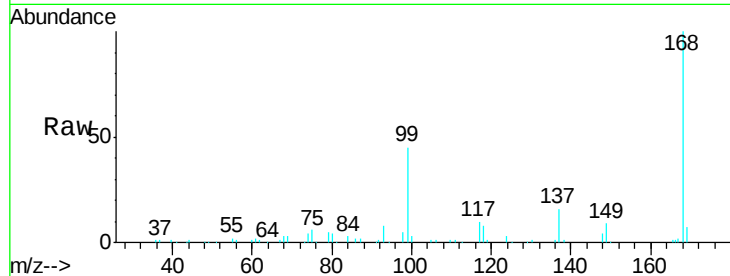
OR-03-102919

Tgt Ion: 168 Resp: 216165

Ion Ratio Lower Upper

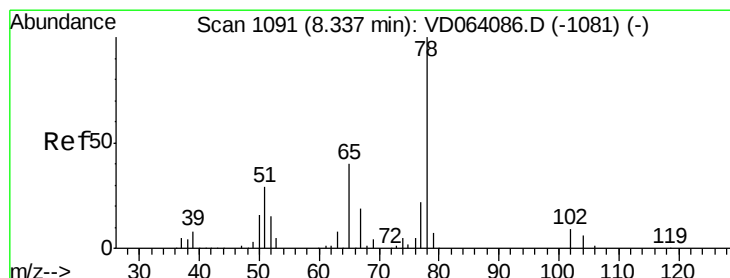
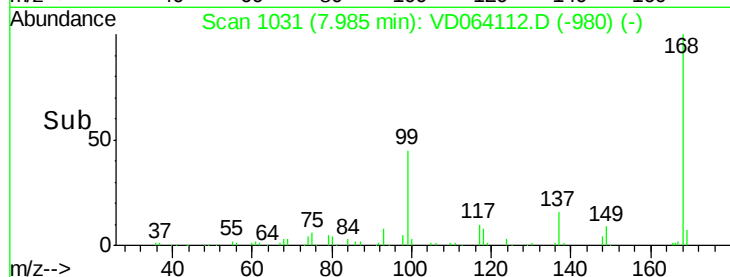
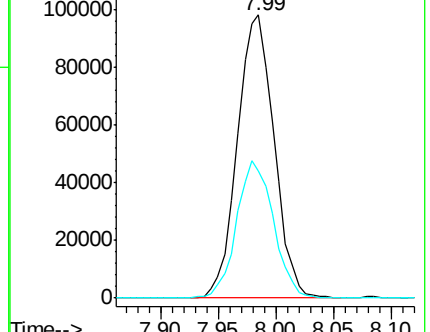
168 100

99 44.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.359 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064112.D

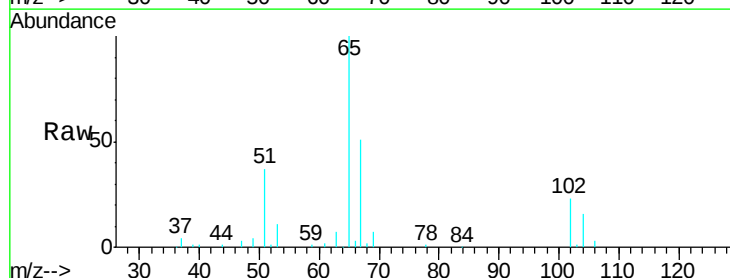
Acq: 30 Oct 2019 13:52

Tgt Ion: 65 Resp: 100330

Ion Ratio Lower Upper

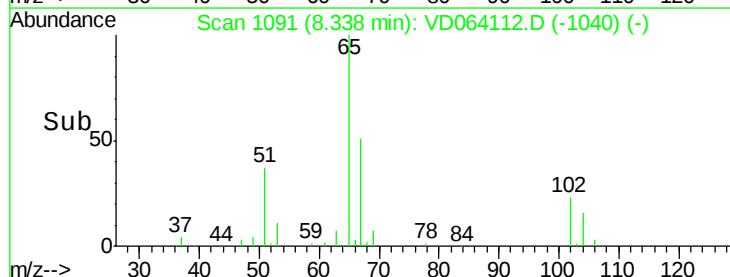
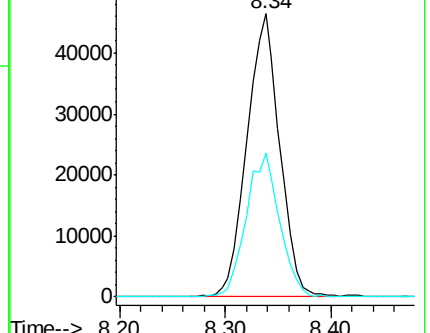
65 100

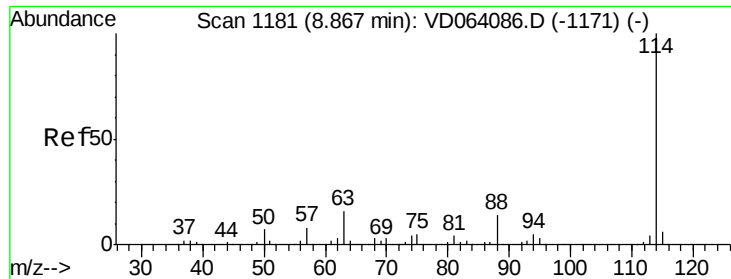
67 51.6 0.0 104.6



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: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :

MSVOA_D

ClientSampleId :

OR-03-102919

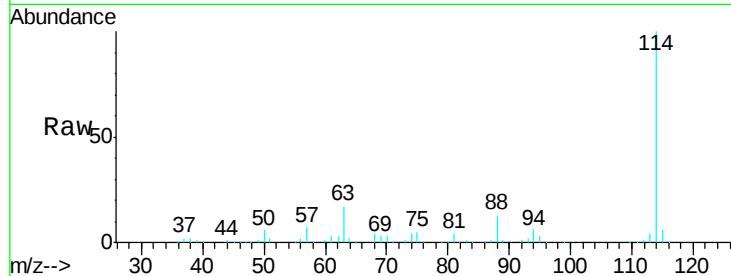
Tgt Ion:114 Resp: 367330

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.8

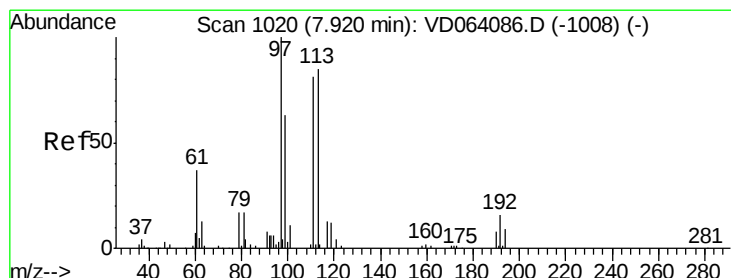
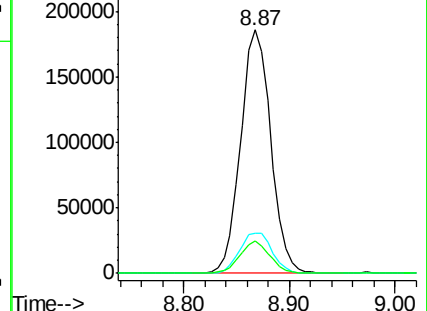
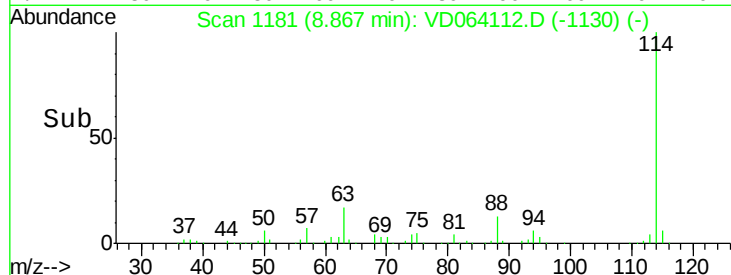
88 13.3 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 51.668 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

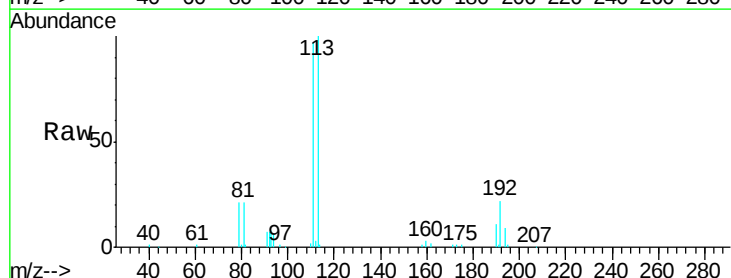
Tgt Ion:113 Resp: 116765

Ion Ratio Lower Upper

113 100

111 101.4 79.3 118.9

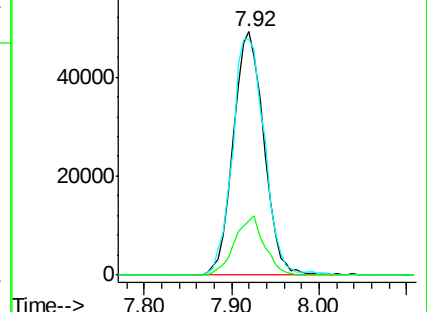
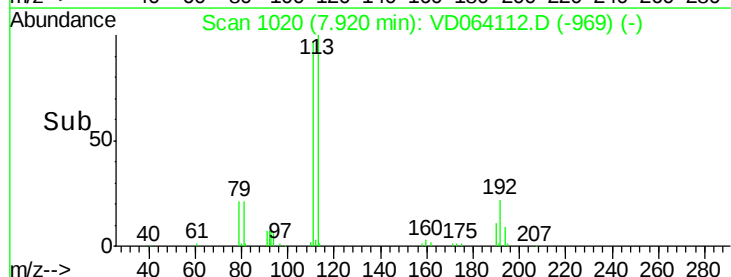
192 23.3 16.2 24.2

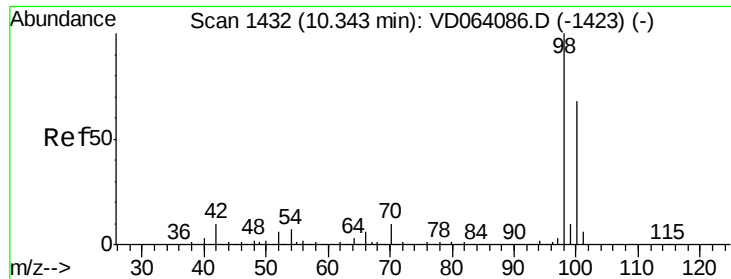


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.323 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :

MSVOA_D

ClientSampleId :

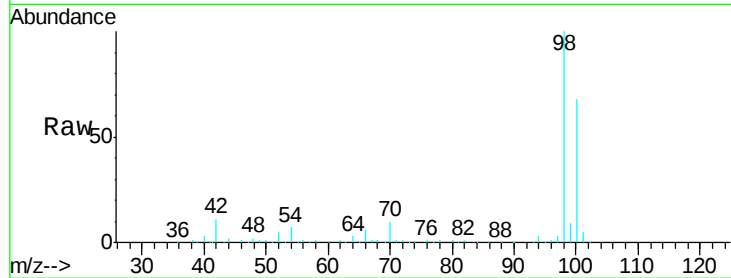
OR-03-102919

Tgt Ion: 98 Resp: 445773

Ion Ratio Lower Upper

98 100

100 65.7 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

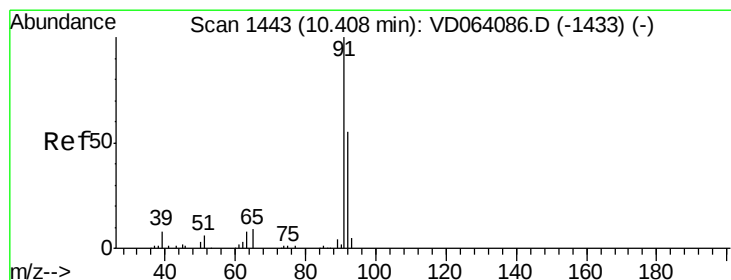
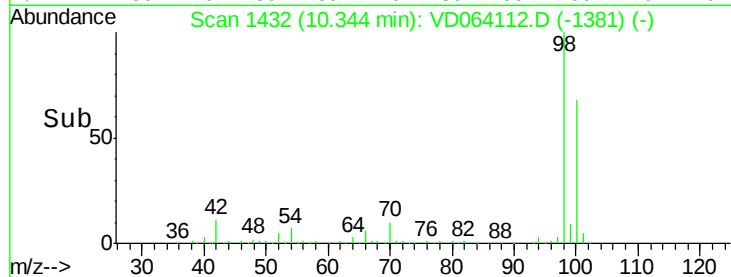
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 4.569 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064112.D

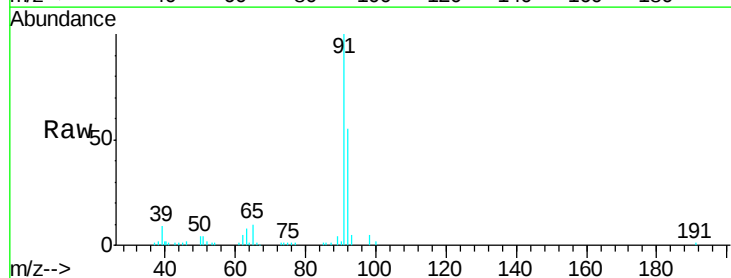
Acq: 30 Oct 2019 13:52

Tgt Ion: 92 Resp: 30054

Ion Ratio Lower Upper

92 100

91 194.1 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

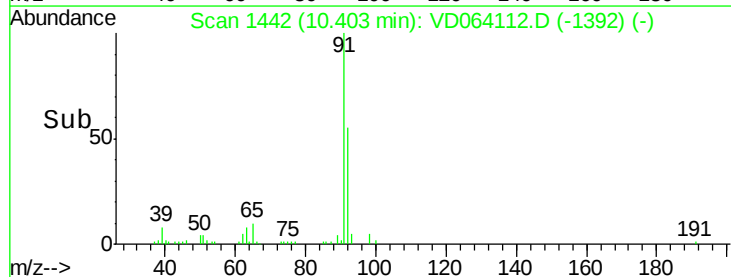
30000

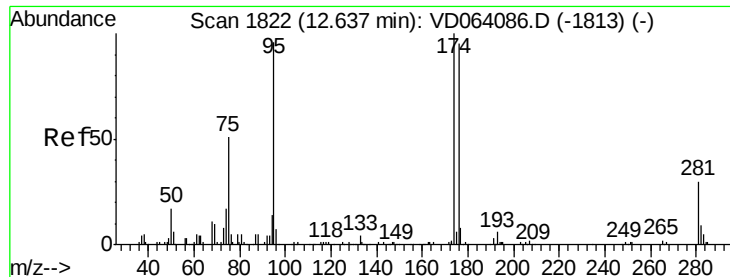
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.440 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :

MSVOA_D

ClientSampleId :

OR-03-102919

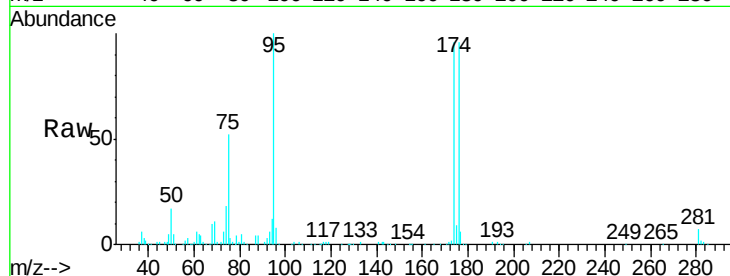
Tgt Ion: 95 Resp: 148138

Ion Ratio Lower Upper

95 100

174 101.2 0.0 201.6

176 95.8 0.0 192.6



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

120000

100000

80000

60000

40000

20000

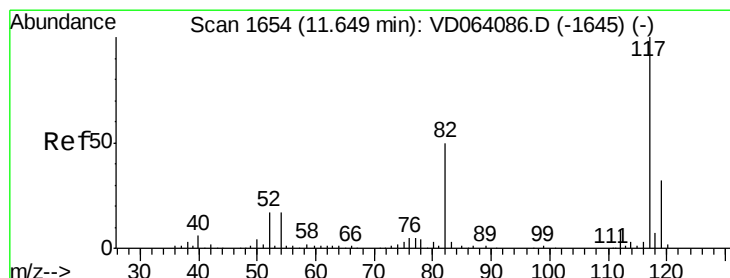
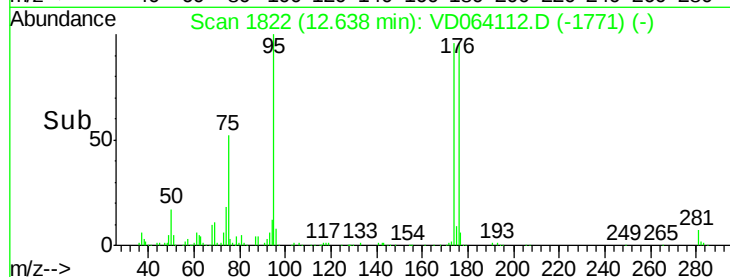
0

12.60

12.64

12.70

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

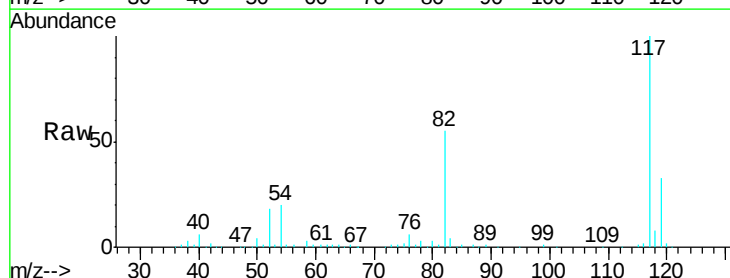
Tgt Ion: 117 Resp: 369084

Ion Ratio Lower Upper

117 100

82 54.8 40.2 60.4

119 32.8 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

250000

200000

150000

100000

50000

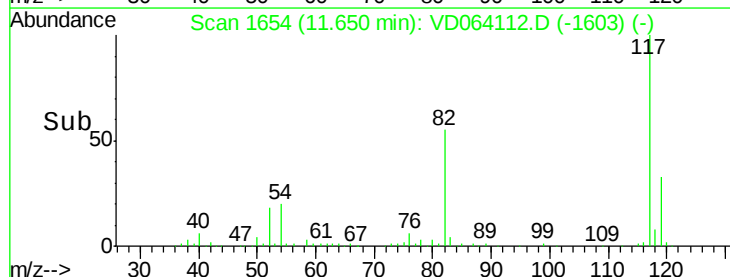
0

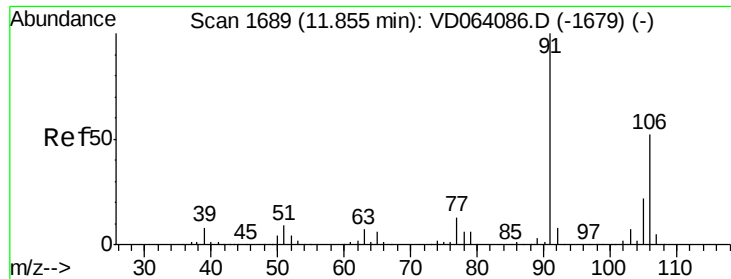
11.60

11.65

11.70

Time-->

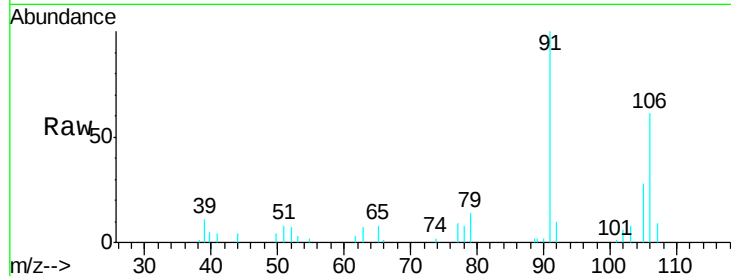




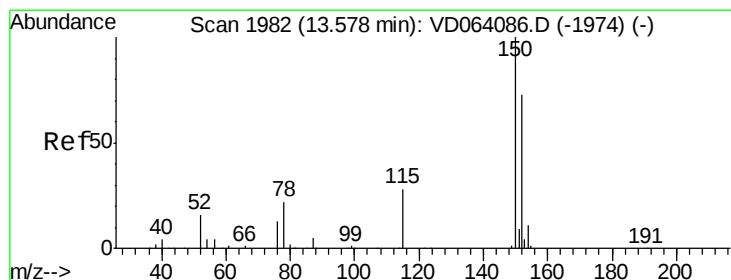
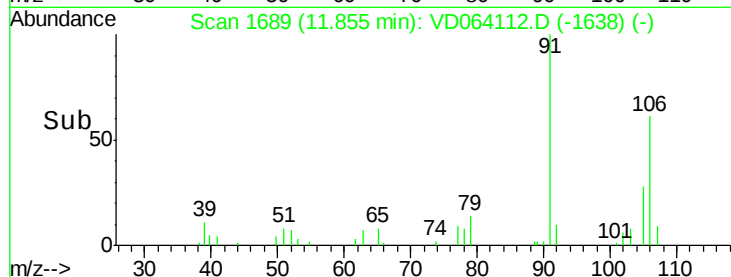
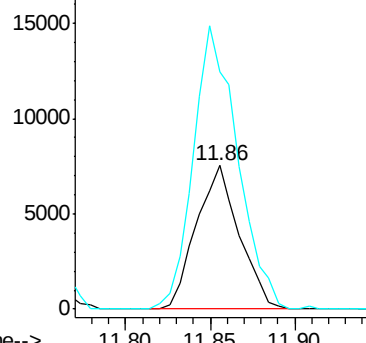
#68
m/p-Xylenes
Concen: 2.444 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Instrument :
MSVOA_D
ClientSampleId :
OR-03-102919

Tgt Ion:106 Resp: 13336
Ion Ratio Lower Upper
106 100
91 202.3 154.0 231.0

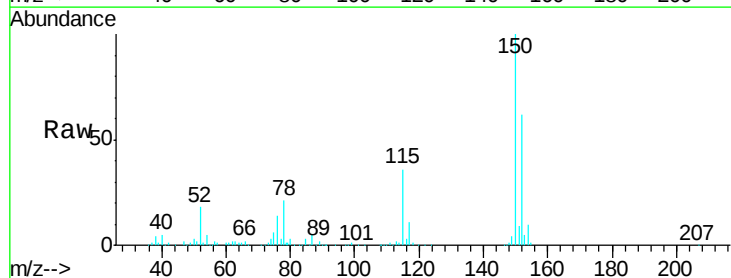


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

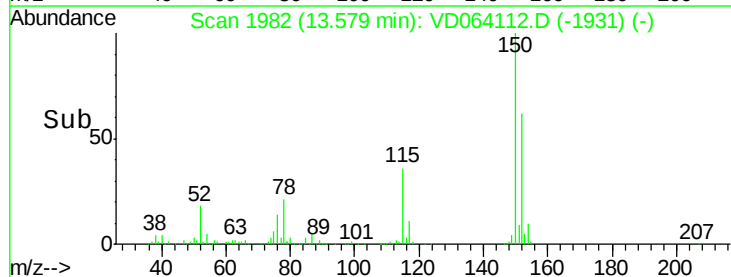
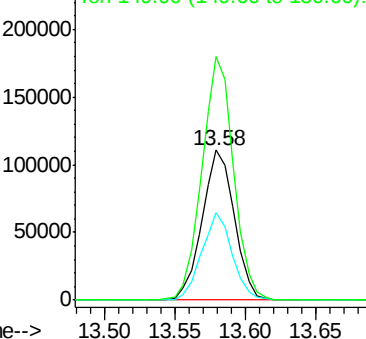


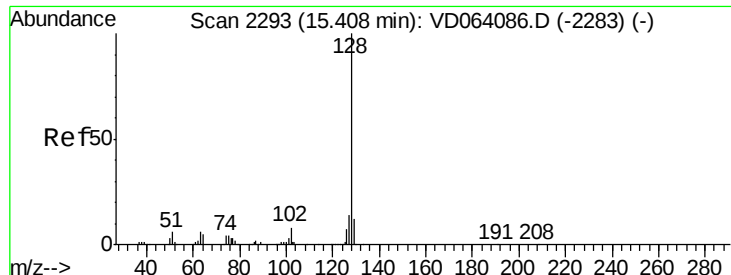
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Tgt Ion:152 Resp: 177350
Ion Ratio Lower Upper
152 100
115 54.8 26.2 78.6
150 158.0 0.0 338.8



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





#95
Naphthalene
Concen: 8.987 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Instrument :
MSVOA_D
ClientSampleId :
OR-03-102919

Tgt Ion:128 Resp: 54066
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 12.1 8.8 13.2

