

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064984.D
 Acq On : 28 Jan 2020 18:48
 Operator : VA/SY
 Sample : L1289-25
 Misc : 6.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-35-34

Quant Time: Jan 29 02:58:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	522268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	840574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	762292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	349977	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	236986	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	7.92	113	253332	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.34	98	1006175	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.64	95	317024	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

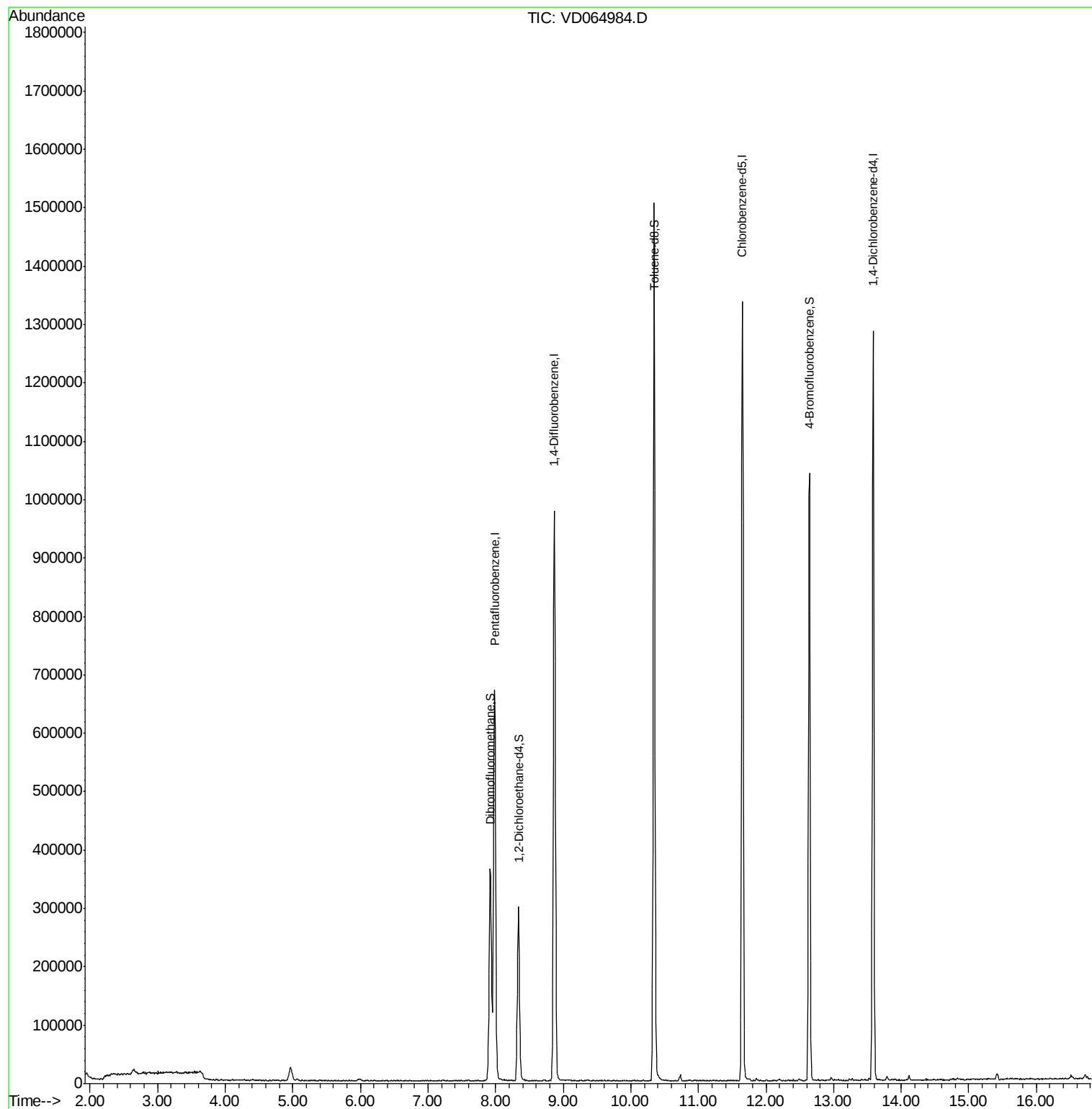
Target Compounds	Qvalue

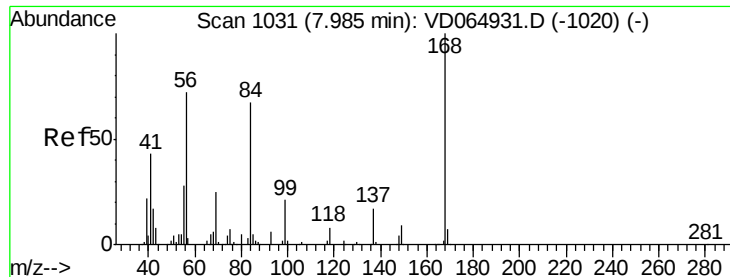
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064984.D

Acq: 28 Jan 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

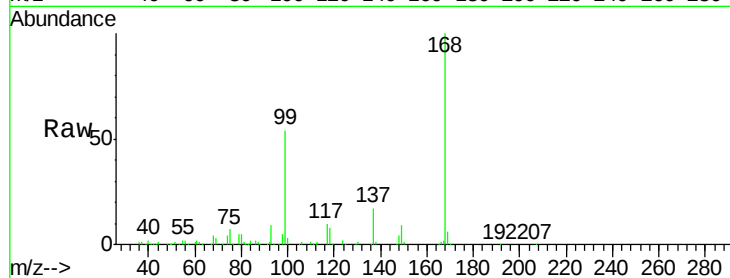
TP-35-34

Tot Ion:168 Resp: 522268

Ion Ratio Lower Upper

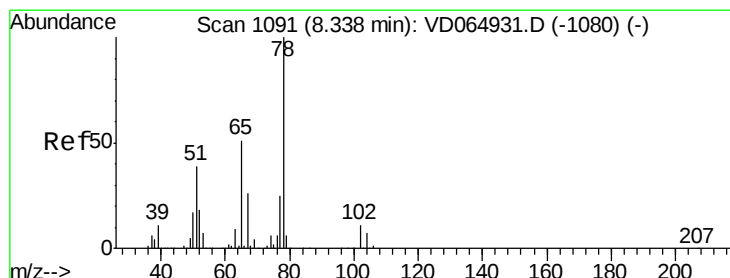
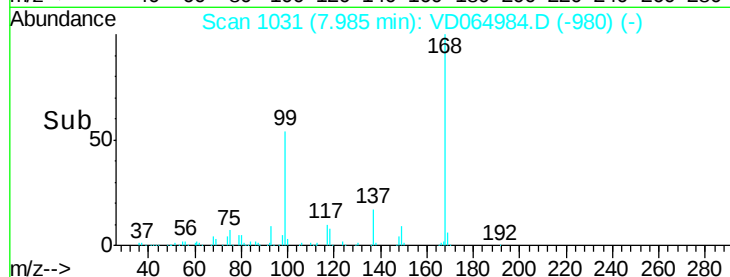
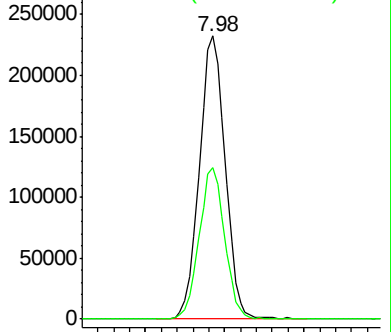
168 100

99 53.7 43.3 64.9



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: 47.306 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064984.D

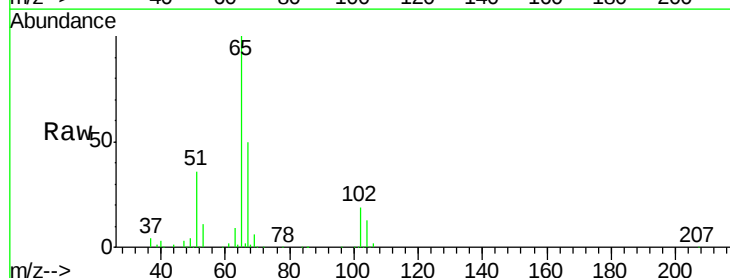
Acq: 28 Jan 2020 18:48

Tgt Ion: 65 Resp: 236986

Ion Ratio Lower Upper

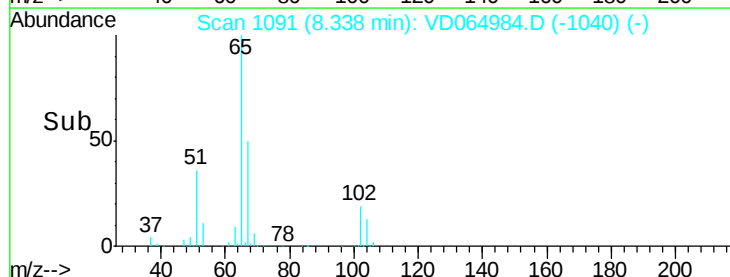
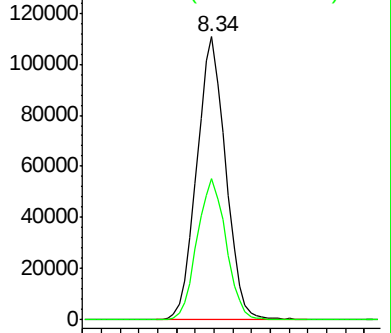
65 100

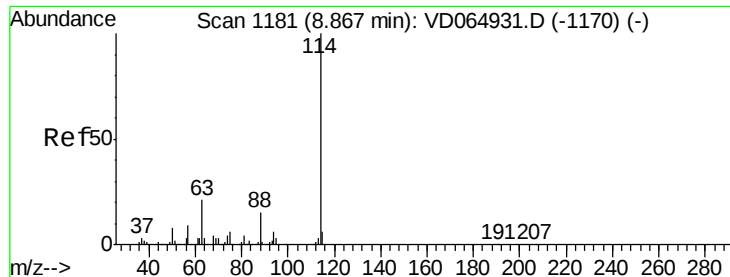
67 50.2 0.0 103.6



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: VD064984.D

Acq: 28 Jan 2020 18:48

Instrument :

MSVOA_D

ClientSampled :

TP-35-34

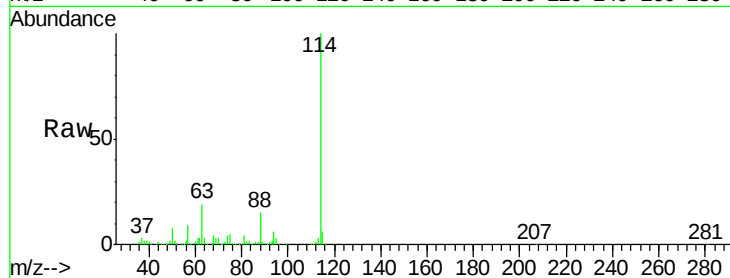
Tot Ion:114 Resp: 840574

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.0

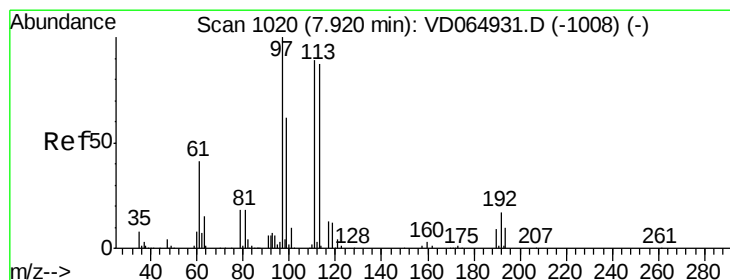
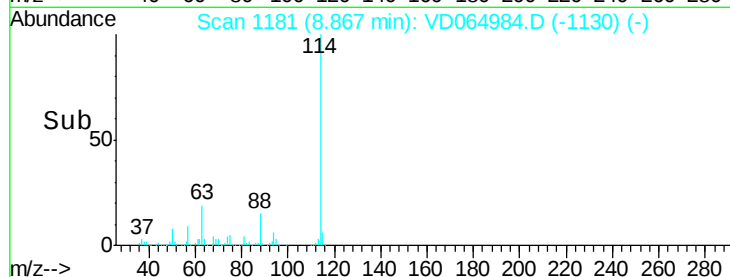
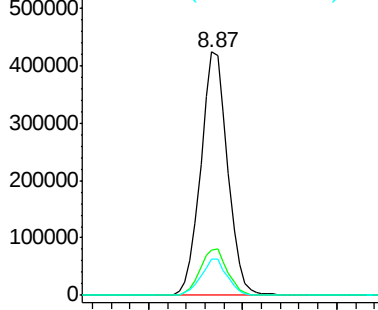
88 14.7 0.0 29.4



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: 47.959 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064984.D

Acq: 28 Jan 2020 18:48

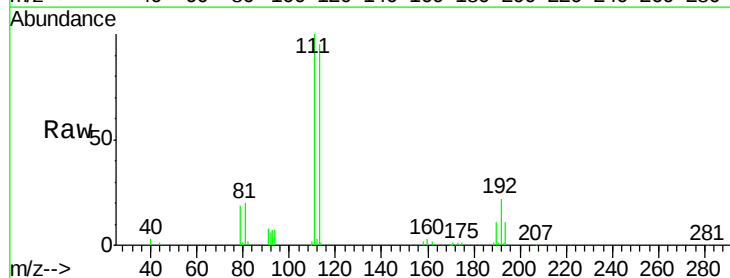
Tgt Ion:113 Resp: 253332

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

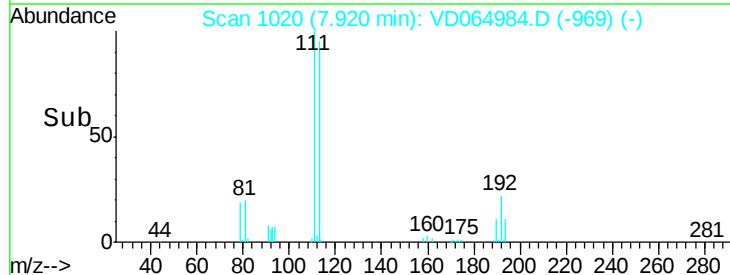
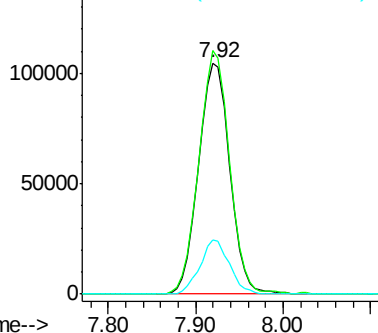
192 22.2 16.9 25.3

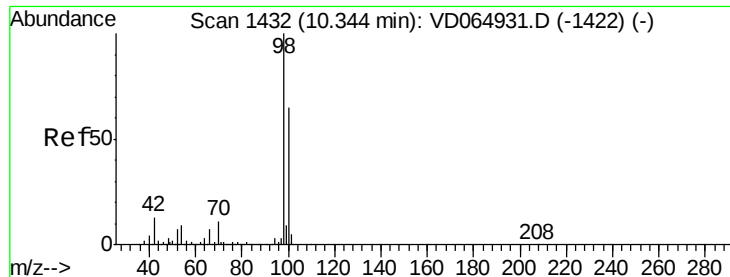


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.352 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064984.D

Acq: 28 Jan 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

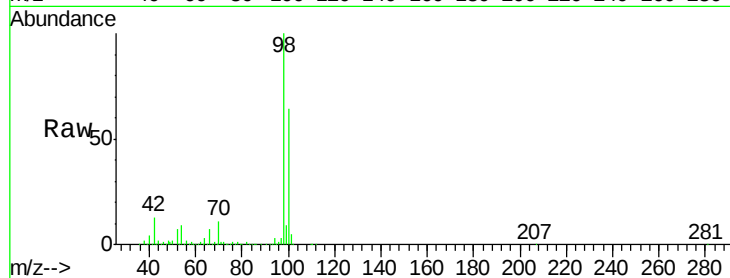
TP-35-34

Tot Ion: 98 Resp: 1006175

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VD064931.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD064931.D (-1422) (-)

10.34

600000

500000

400000

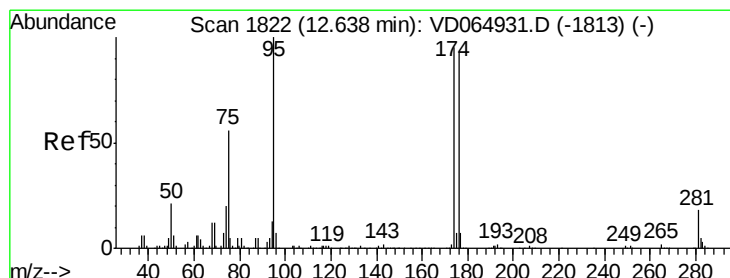
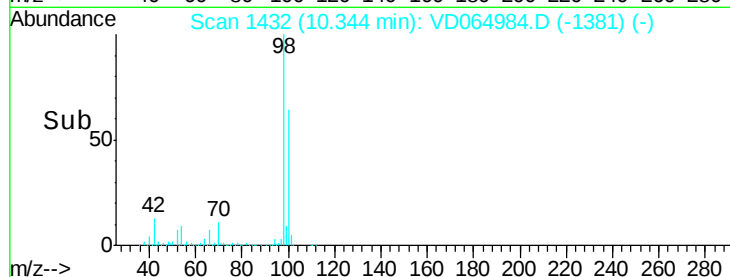
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.813 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064984.D

Acq: 28 Jan 2020 18:48

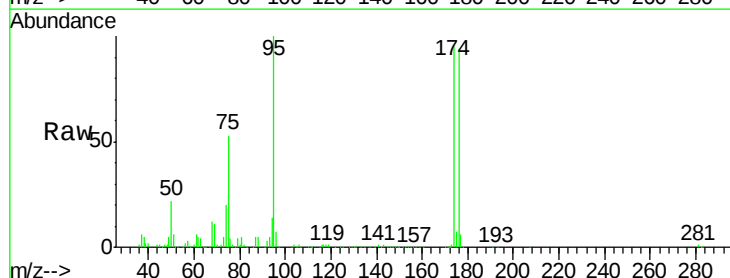
Tgt Ion: 95 Resp: 317024

Ion Ratio Lower Upper

95 100

174 92.9 0.0 186.8

176 89.6 0.0 183.4



Abundance Ion 94.90 (94.60 to 95.60): VD064931.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD064931.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD064931.D (-1813) (-)

12.64

250000

200000

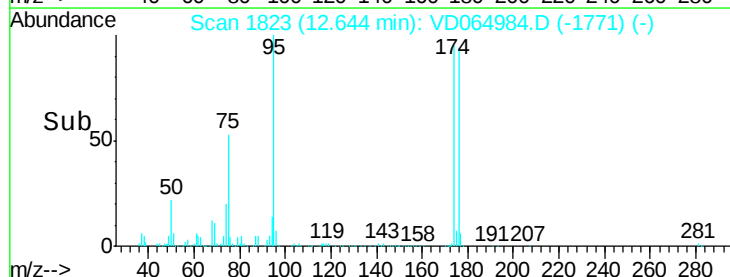
150000

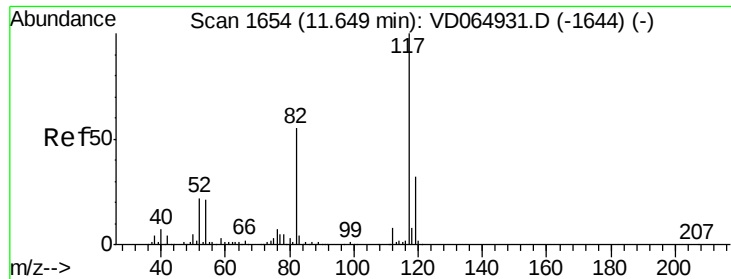
100000

50000

0

Time--> 12.60 12.70

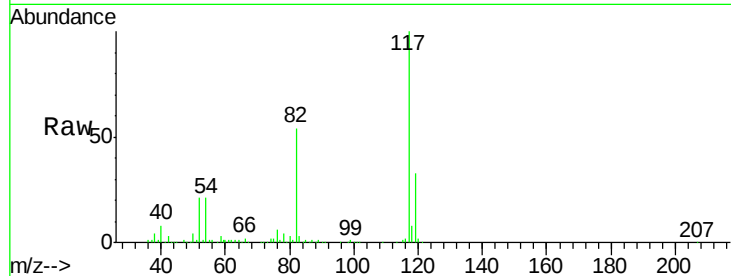




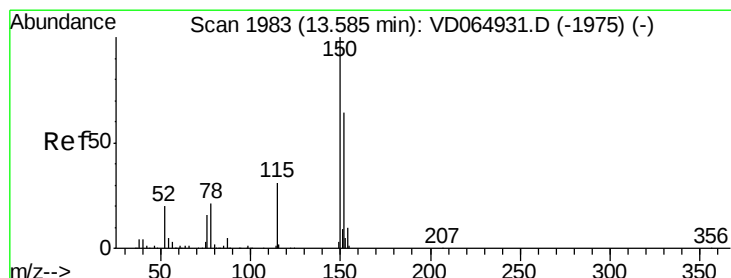
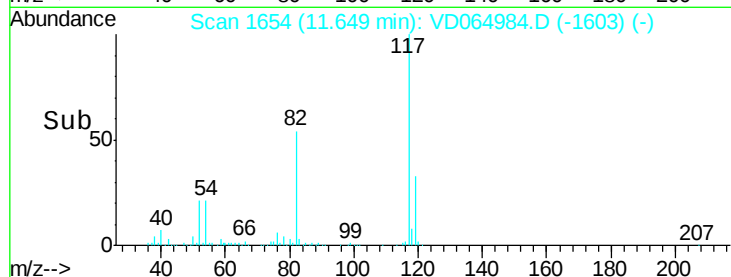
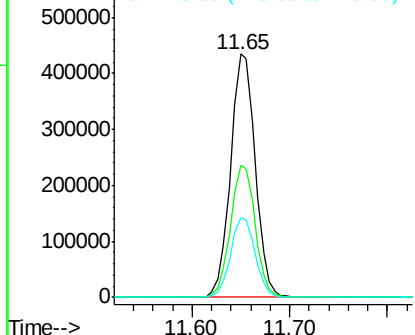
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064984.D
Acq: 28 Jan 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
TP-35-34

Tot Ion:117 Resp: 762292
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.6 25.2 37.8

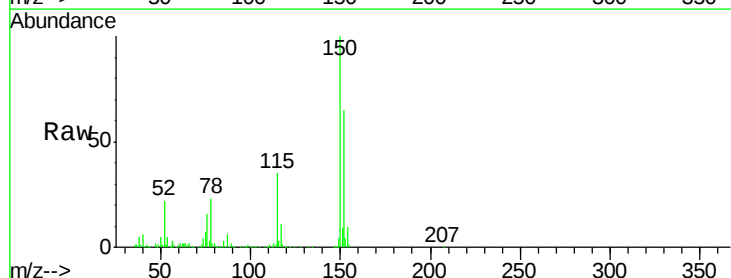


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064984.D
Acq: 28 Jan 2020 18:48

Tgt Ion:152 Resp: 349977
Ion Ratio Lower Upper
152 100
115 54.4 28.1 84.4
150 153.9 0.0 350.4



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

