

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064133.D
 Acq On : 31 Oct 2019 15:25
 Operator : VA/SY
 Sample : K5620-03
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25-S

Quant Time: Nov 01 07:50:02 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	7.98	168	222193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	359243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	385828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	99659	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
35) Dibromofluoromethane	7.92	113	113632	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.34	98	455795	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.64	95	155984	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

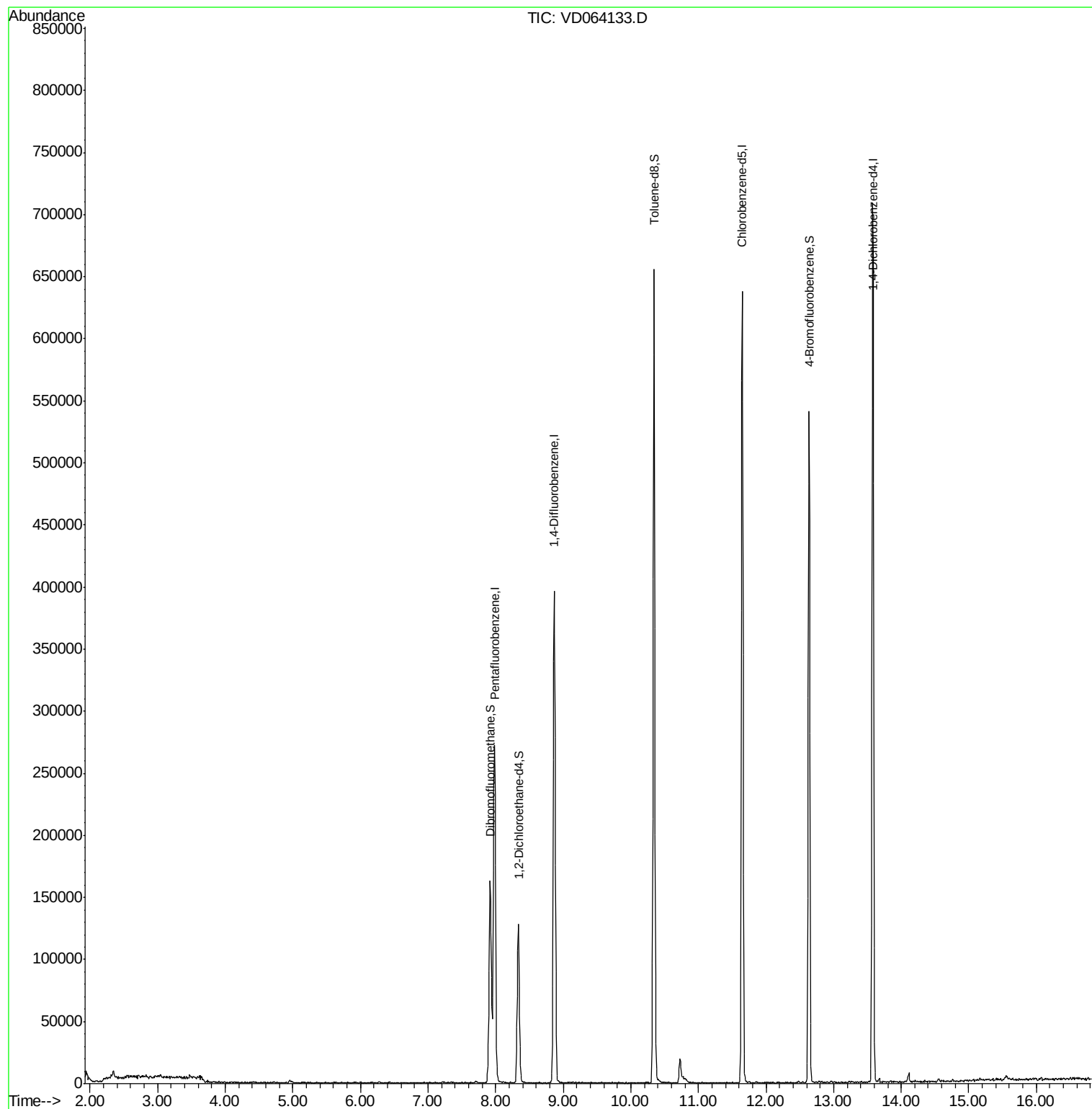
Target Compounds	Qvalue
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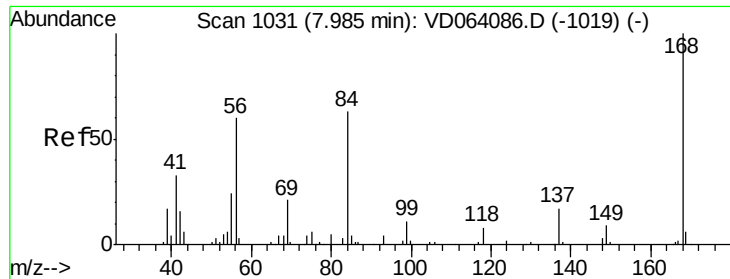
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064133.D

Acq: 31 Oct 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

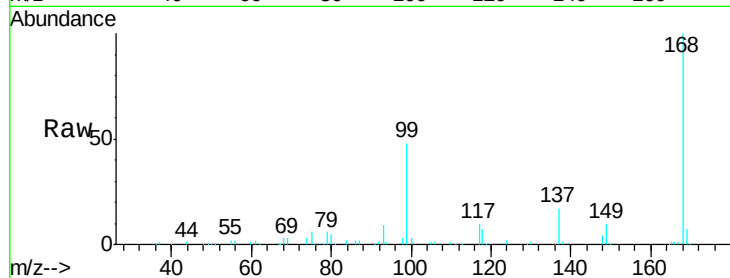
TP-25-S

Tgt Ion: 168 Resp: 222193

Ion Ratio Lower Upper

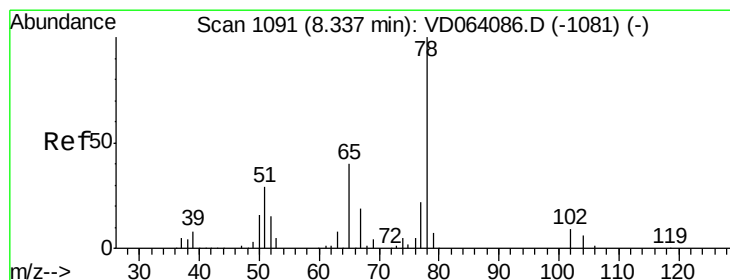
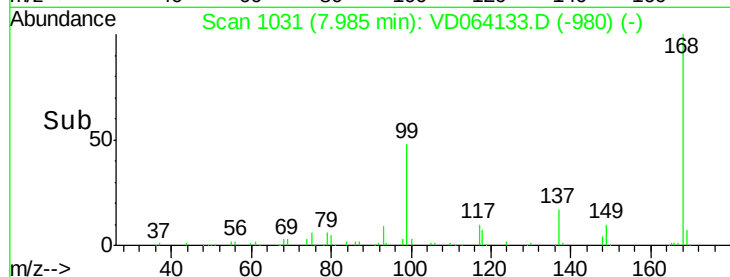
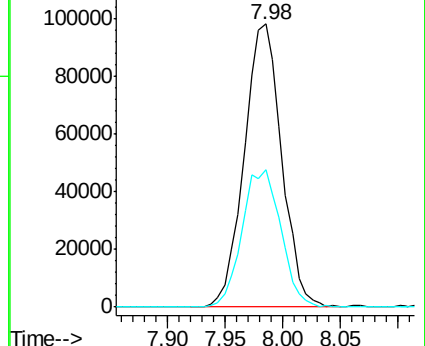
168 100

99 48.4 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: 56.396 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064133.D

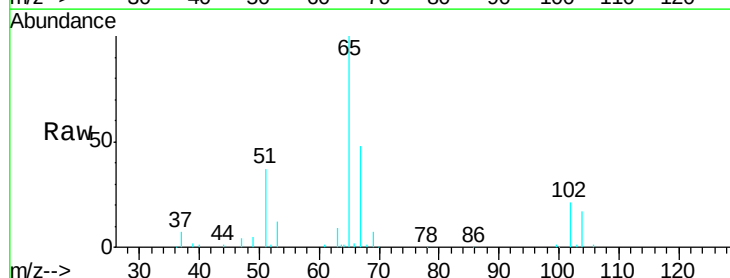
Acq: 31 Oct 2019 15:25

Tgt Ion: 65 Resp: 99659

Ion Ratio Lower Upper

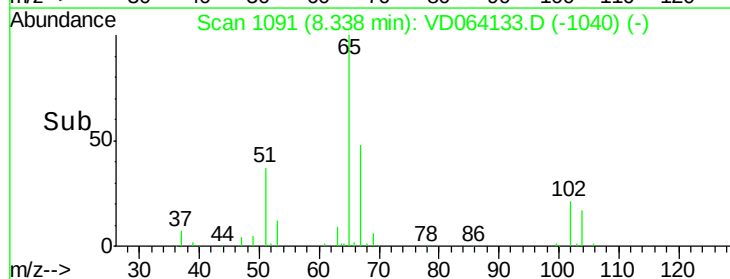
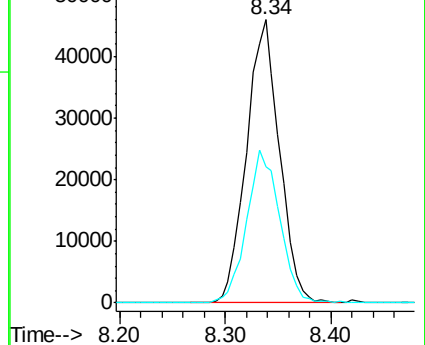
65 100

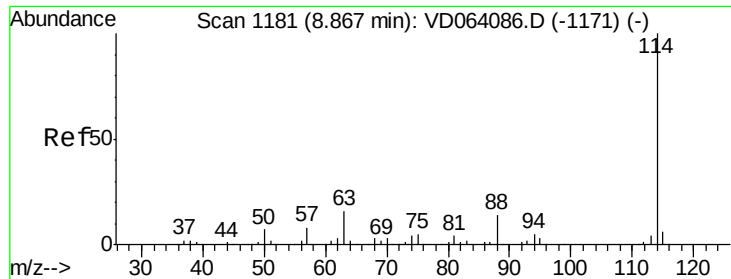
67 54.1 0.0 104.6



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: VD064133.D

Acq: 31 Oct 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

TP-25-S

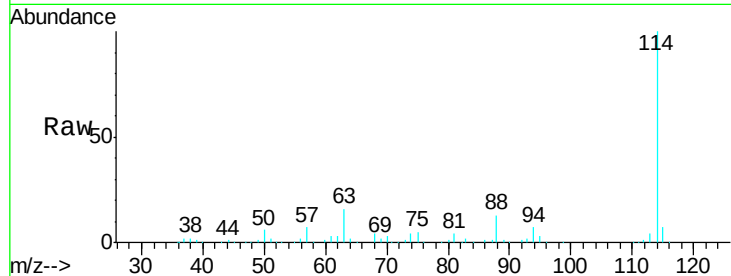
Tgt Ion:114 Resp: 359243

Ion Ratio Lower Upper

114 100

63 15.7 0.0 32.8

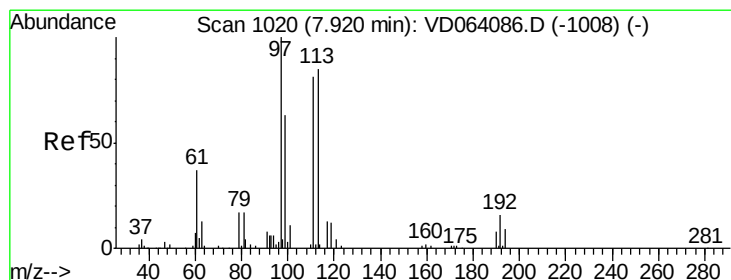
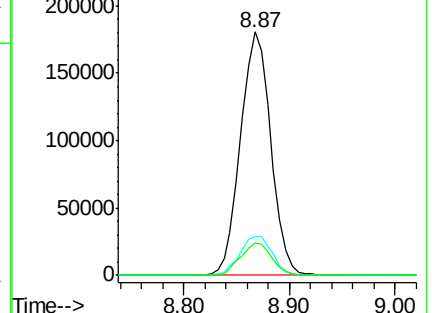
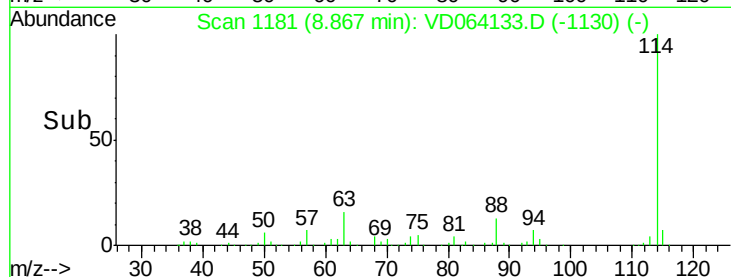
88 13.1 0.0 27.6



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: 51.413 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064133.D

Acq: 31 Oct 2019 15:25

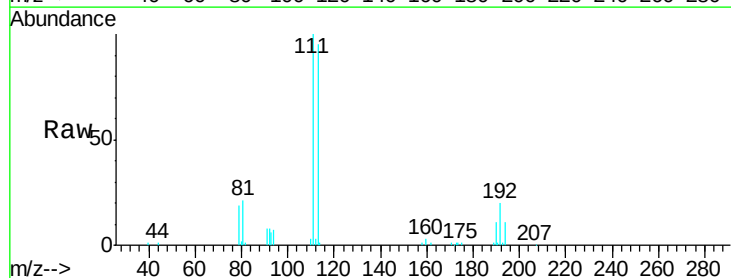
Tgt Ion:113 Resp: 113632

Ion Ratio Lower Upper

113 100

111 103.6 79.3 118.9

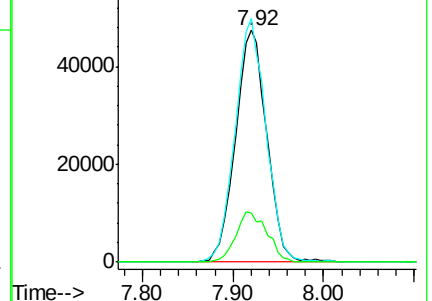
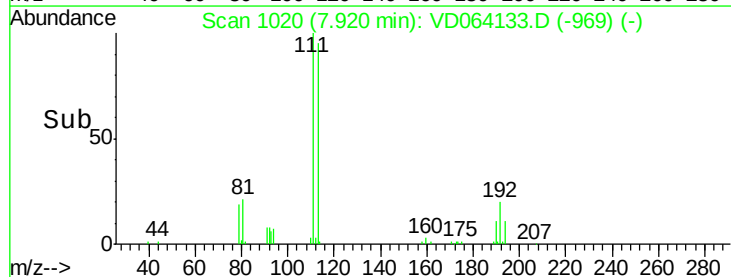
192 21.7 16.2 24.2

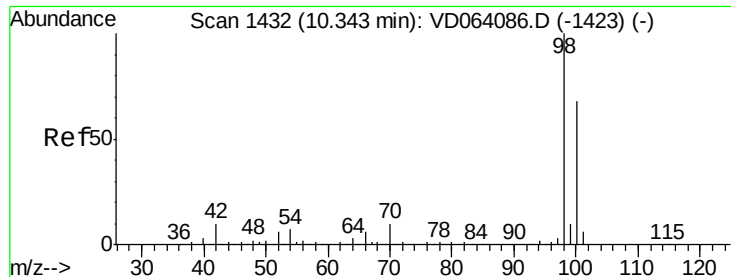


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.567 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064133.D

Acq: 31 Oct 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

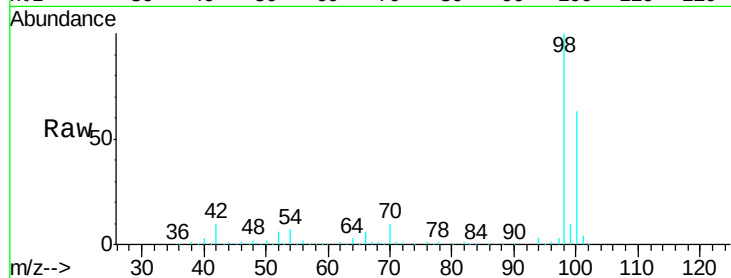
TP-25-S

Tgt Ion: 98 Resp: 455795

Ion Ratio Lower Upper

98 100

100 62.3 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

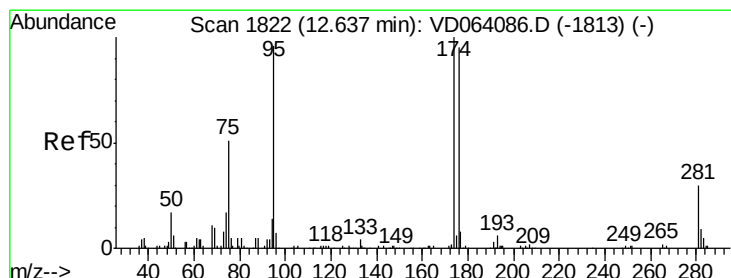
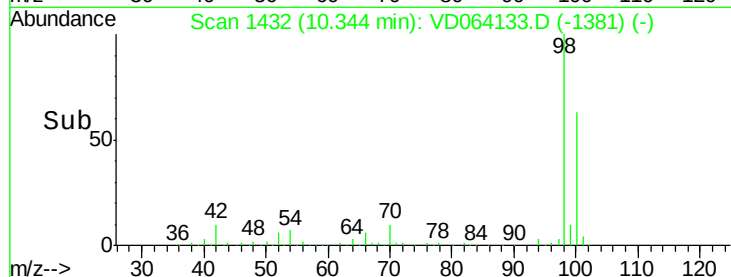
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.231 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064133.D

Acq: 31 Oct 2019 15:25

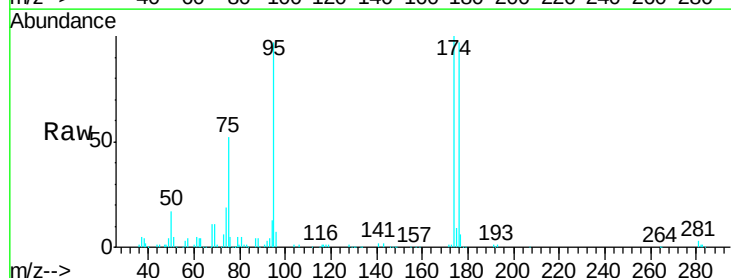
Tgt Ion: 95 Resp: 155984

Ion Ratio Lower Upper

95 100

174 100.4 0.0 201.6

176 96.9 0.0 192.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

120000

100000

80000

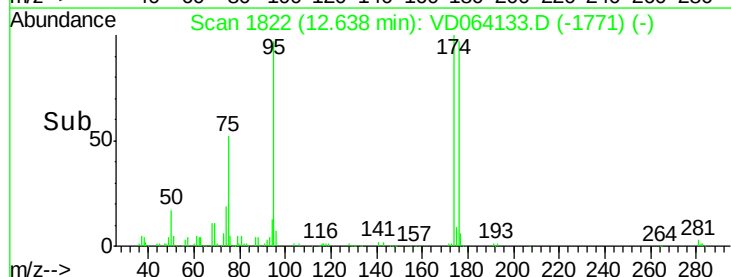
60000

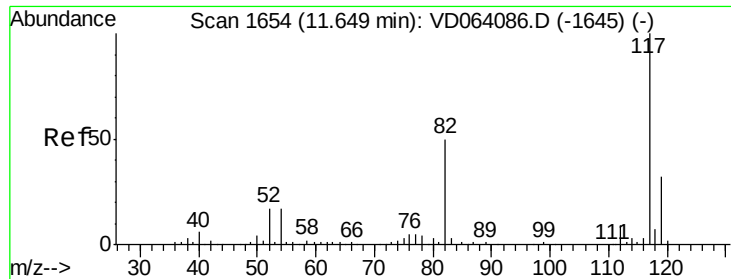
40000

20000

0

Time-->

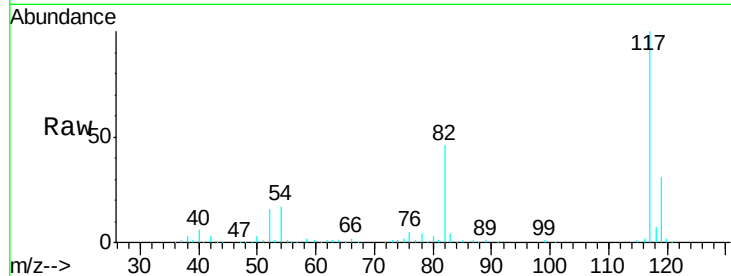




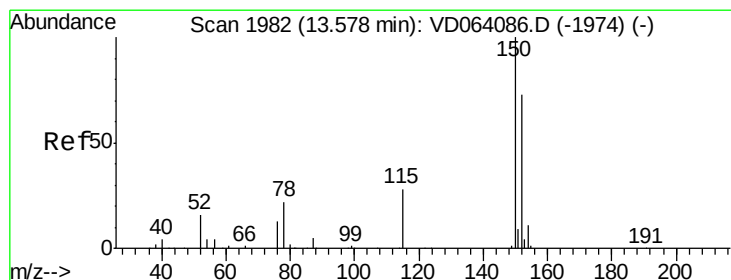
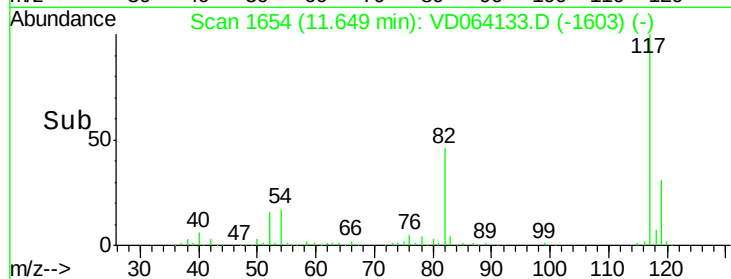
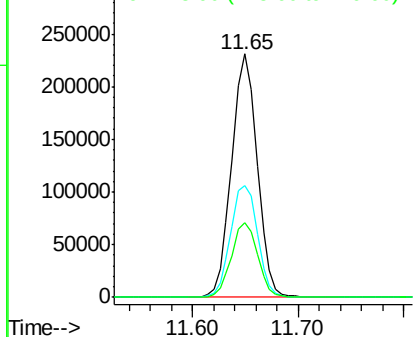
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

Instrument :
MSVOA_D
ClientSampleId :
TP-25-S

Tgt Ion:117 Resp: 385828
Ion Ratio Lower Upper
117 100
82 45.7 40.2 60.4
119 30.8 26.0 39.0

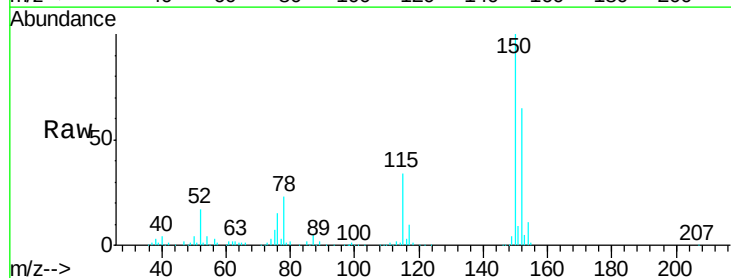


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

Tgt Ion:152 Resp: 201097
Ion Ratio Lower Upper
152 100
115 53.8 26.2 78.6
150 152.6 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

