

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065087.D
 Acq On : 06 Feb 2020 15:25
 Operator : VA/SY
 Sample : L1394-04
 Misc : 5.090G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WPNB-4-(0.0-6.0)

Quant Time: Feb 07 06:44:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	811275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	806544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	384084	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	230791	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.92	113	247616	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.34	98	1008219	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.64	95	343868	60.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.48%	

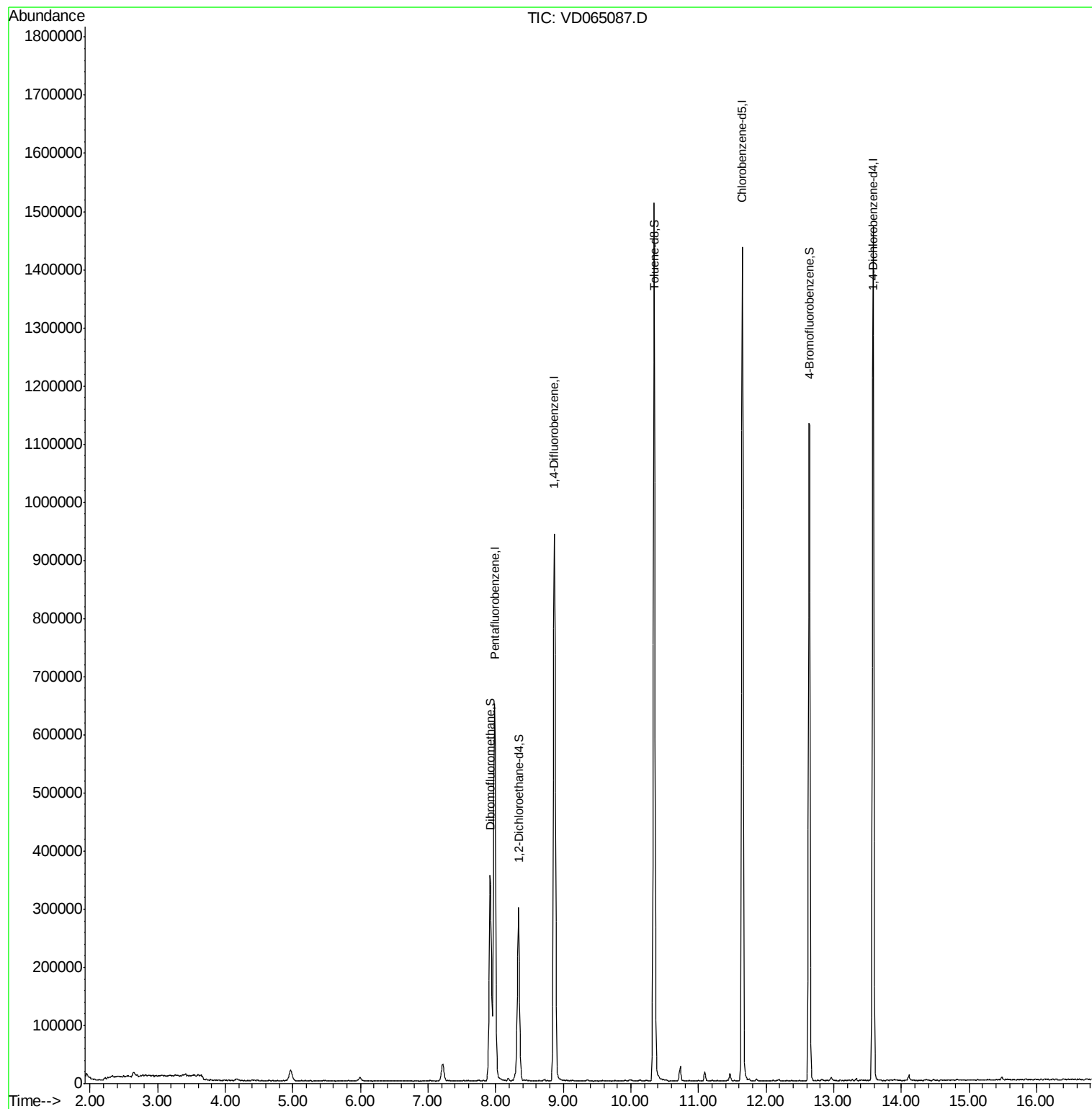
Target Compounds	Qvalue
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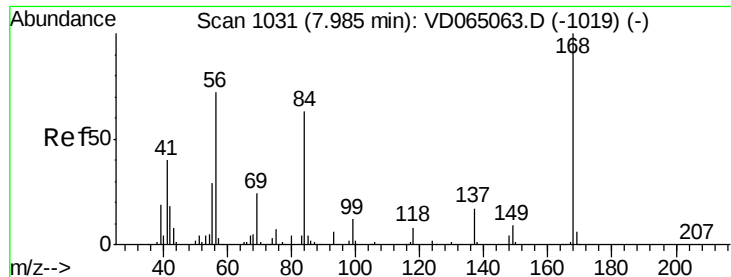
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065087.D

Acq: 06 Feb 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

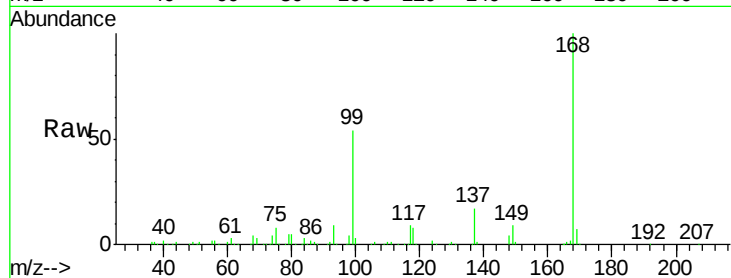
WPNB-4-(0.0-6.0)

Tot Ion:168 Resp: 489583

Ion Ratio Lower Upper

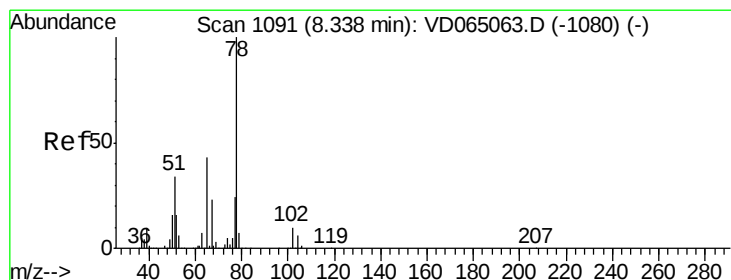
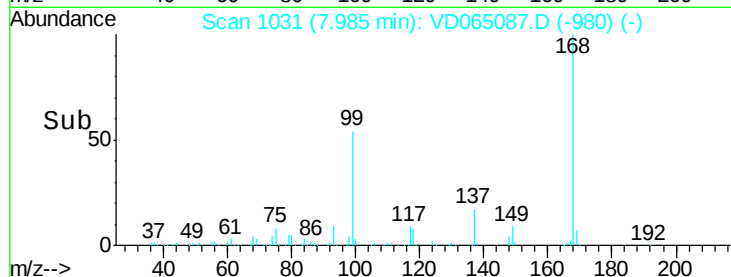
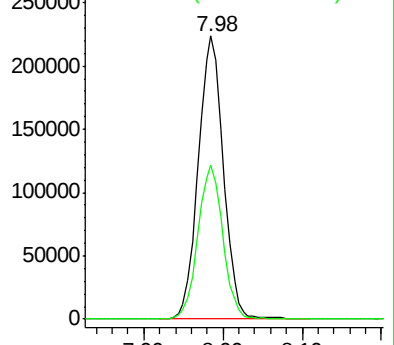
168 100

99 54.4 41.0 61.6



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: 55.465 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065087.D

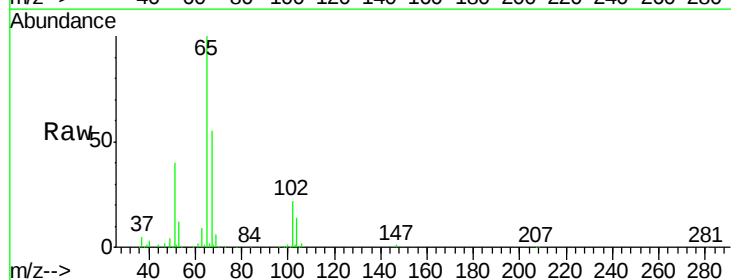
Acq: 06 Feb 2020 15:25

Tgt Ion: 65 Resp: 230791

Ion Ratio Lower Upper

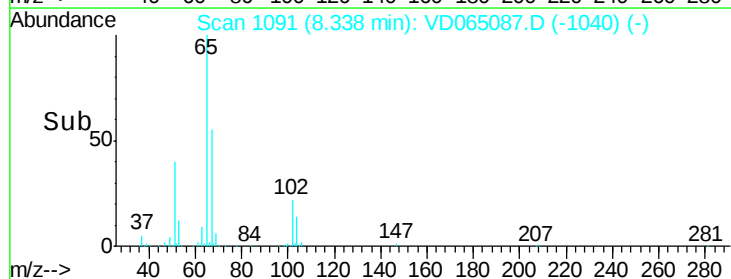
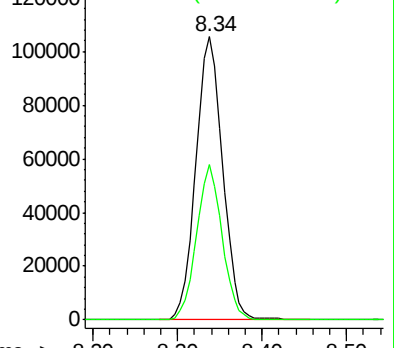
65 100

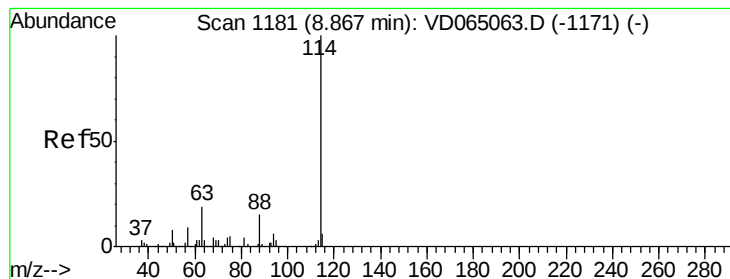
67 52.5 0.0 105.8



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: VD065087.D

Acq: 06 Feb 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

WPNB-4-(0.0-6.0)

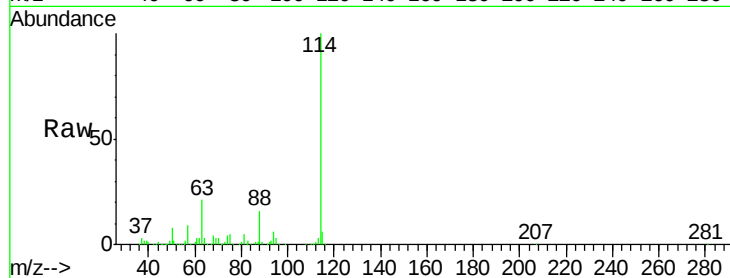
Tot Ion:114 Resp: 811275

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.8

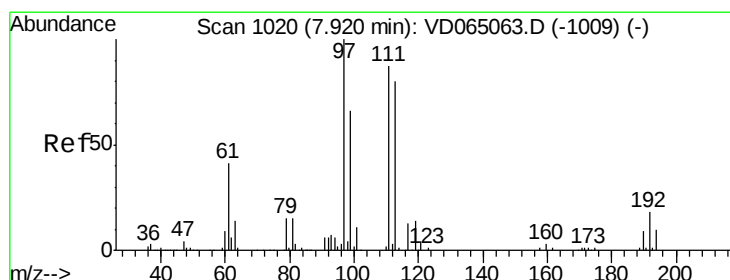
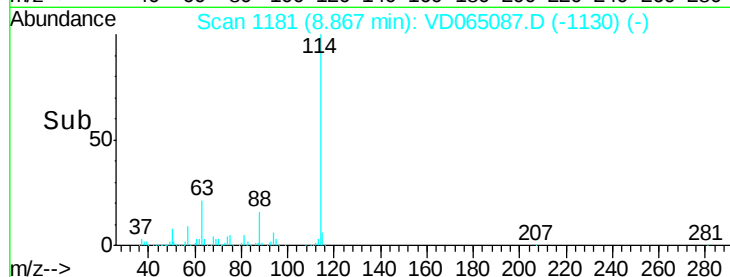
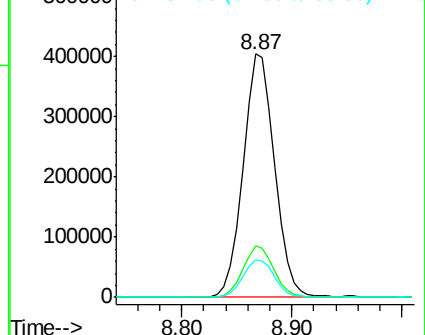
88 15.6 0.0 29.6



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: 54.705 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065087.D

Acq: 06 Feb 2020 15:25

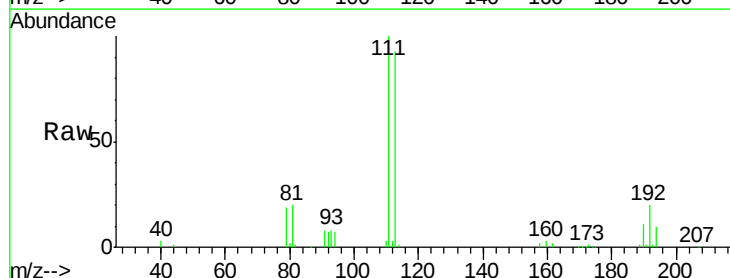
Tgt Ion:113 Resp: 247616

Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

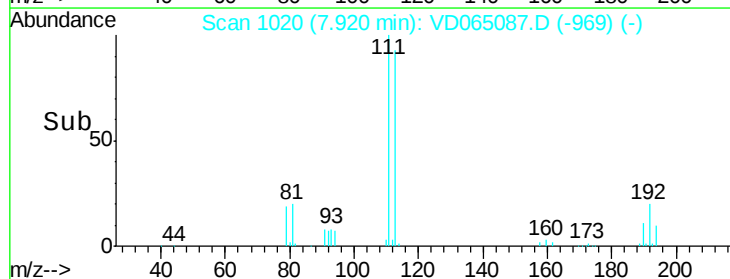
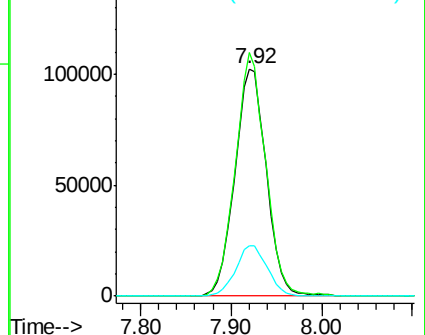
192 22.2 18.1 27.1

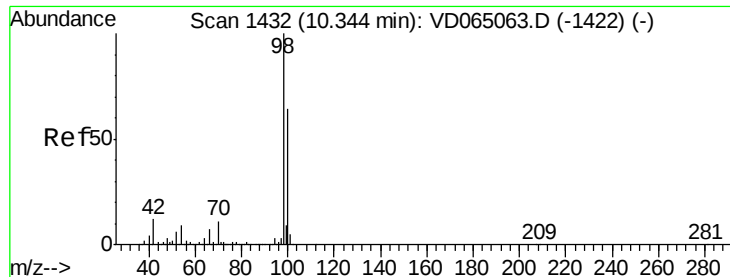


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.961 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065087.D

Acq: 06 Feb 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

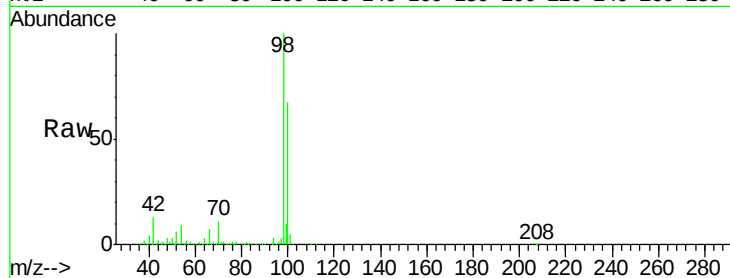
WPNB-4-(0.0-6.0)

Tot Ion: 98 Resp: 1008219

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD

10.34

600000

500000

400000

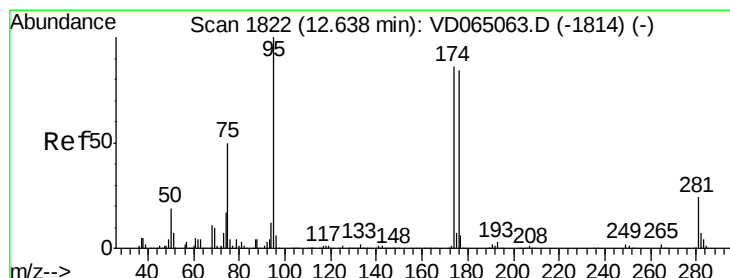
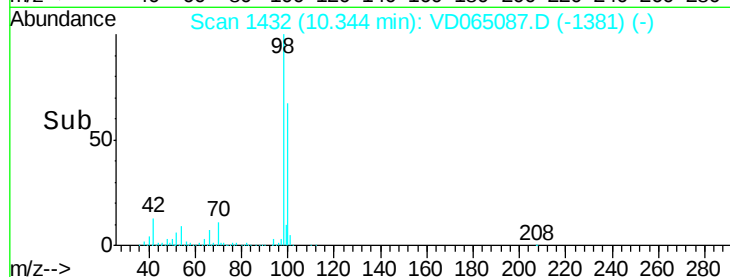
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 60.235 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065087.D

Acq: 06 Feb 2020 15:25

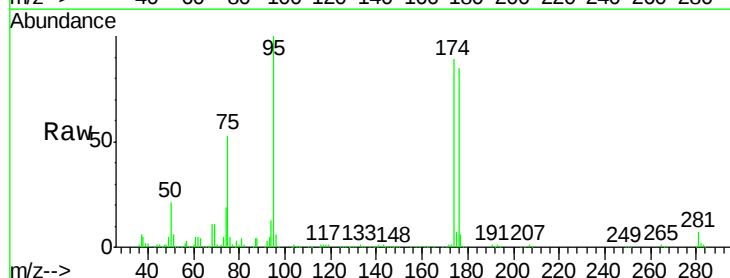
Tgt Ion: 95 Resp: 343868

Ion Ratio Lower Upper

95 100

174 92.2 0.0 180.0

176 86.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

250000

200000

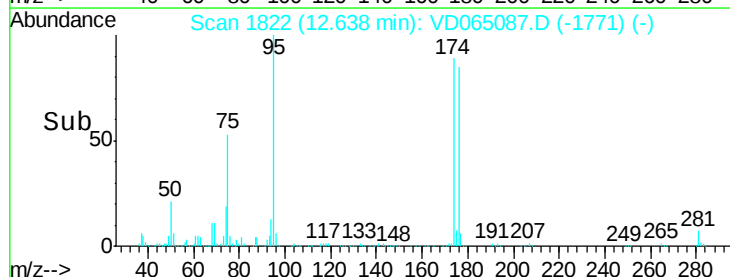
150000

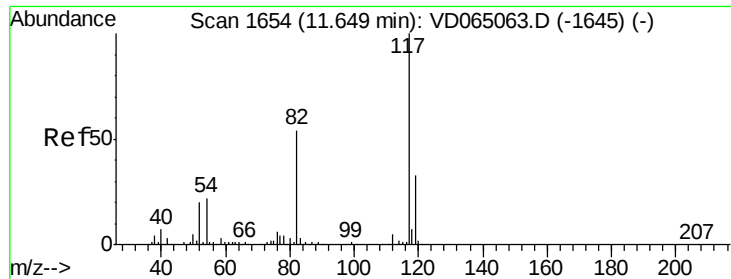
100000

50000

0

Time-->

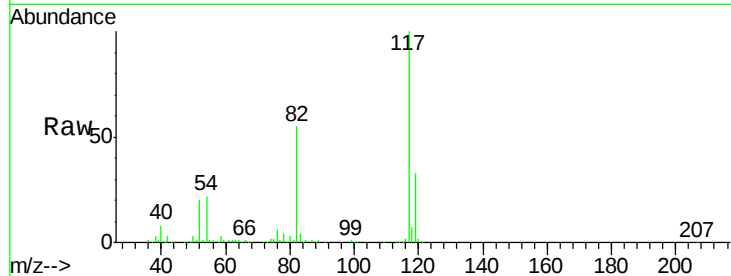




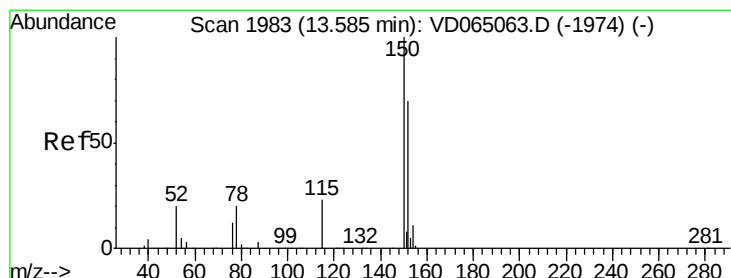
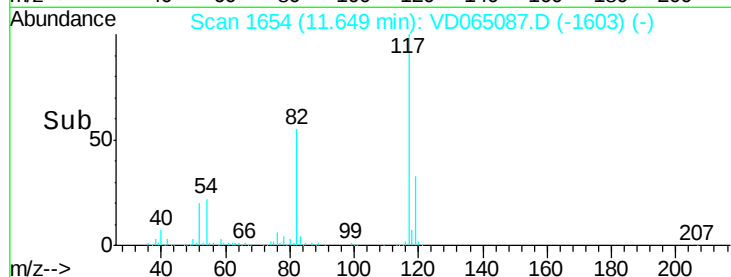
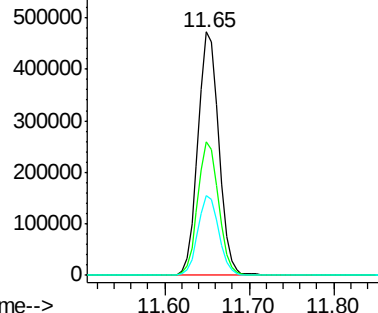
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065087.D
Acq: 06 Feb 2020 15:25

Instrument :
MSVOA_D
ClientSampleId :
WPNB-4-(0.0-6.0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.1	64.7
119	32.6	26.0	39.0

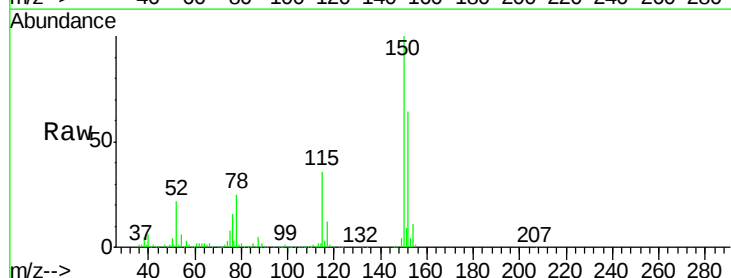


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065087.D
Acq: 06 Feb 2020 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.5	82.4
150	156.1	0.0	343.2



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

