

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065088.D
 Acq On : 06 Feb 2020 15:54
 Operator : VA/SY
 Sample : L1394-05
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WPNB-5-(0.0-6.0)

Quant Time: Feb 07 06:46:09 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	485046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	807622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	789590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	383295	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	232357	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
35) Dibromofluoromethane	7.92	113	244867	54.34	ug/l	0.00
Spiked Amount			Recovery	=	108.68%	
50) Toluene-d8	10.34	98	986891	55.02	ug/l	0.00
Spiked Amount			Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.64	95	339260	59.70	ug/l	0.00
Spiked Amount			Recovery	=	119.40%	

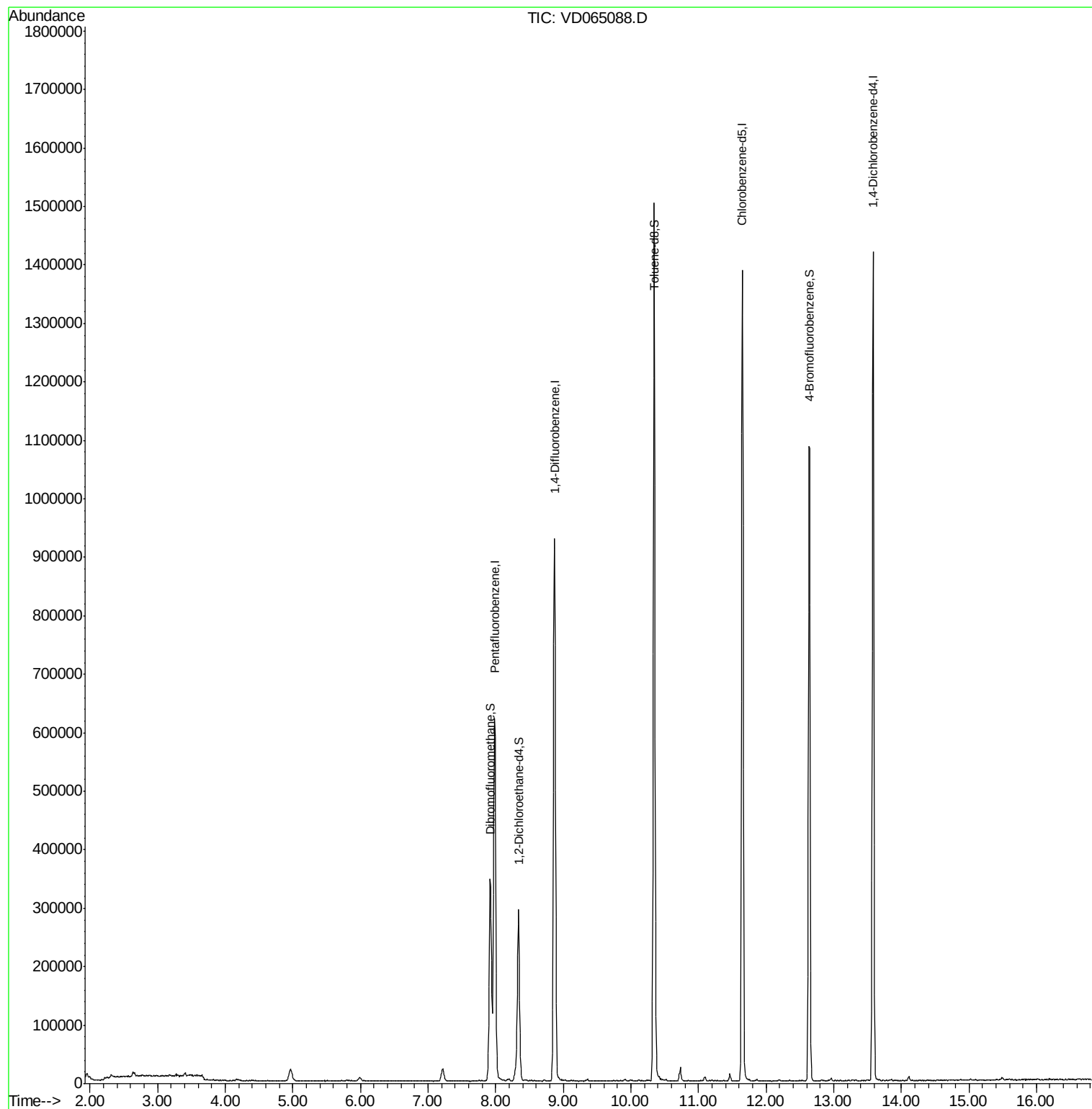
Target Compounds	Qvalue
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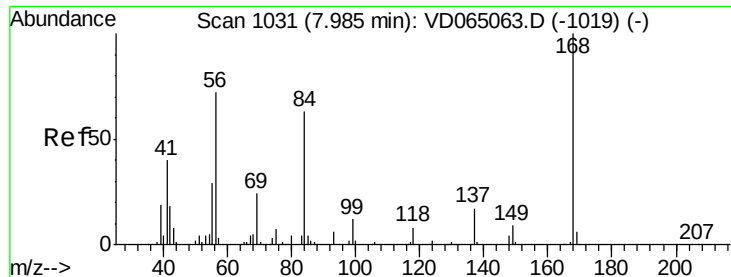
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 05 15:53:00 2020
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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: VD065088.D

Acq: 06 Feb 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

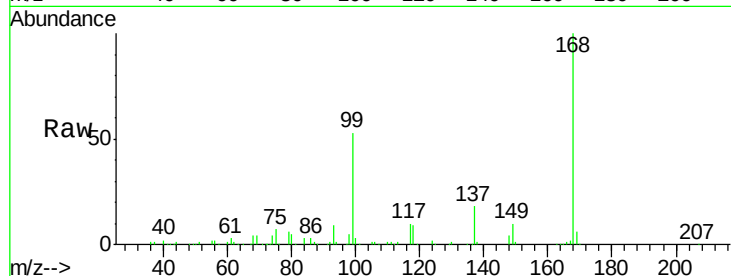
WPNB-5-(0.0-6.0)

Tot Ion:168 Resp: 485046

Ion Ratio Lower Upper

168 100

99 53.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

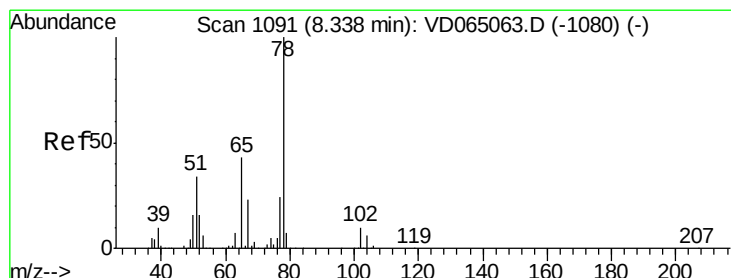
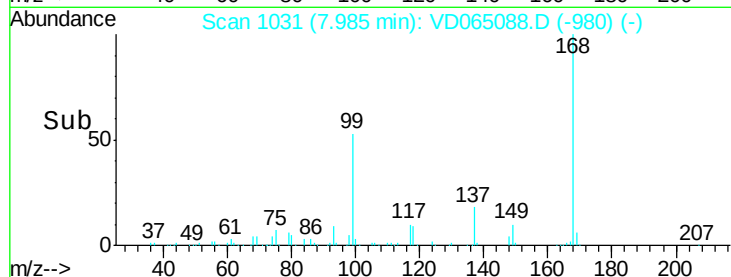
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.363 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065088.D

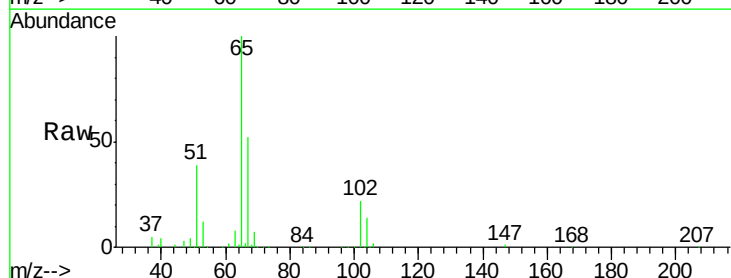
Acq: 06 Feb 2020 15:54

Tgt Ion: 65 Resp: 232357

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

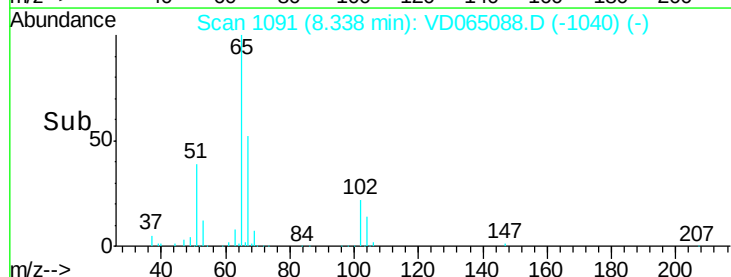
60000

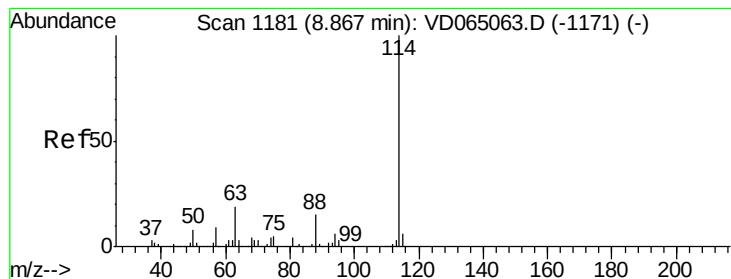
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065088.D

Acq: 06 Feb 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

WPNB-5-(0.0-6.0)

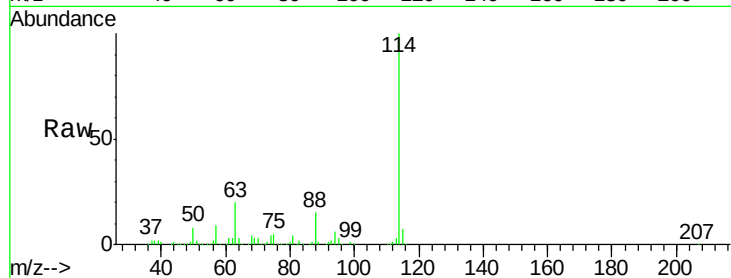
Tot Ion:114 Resp: 807622

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

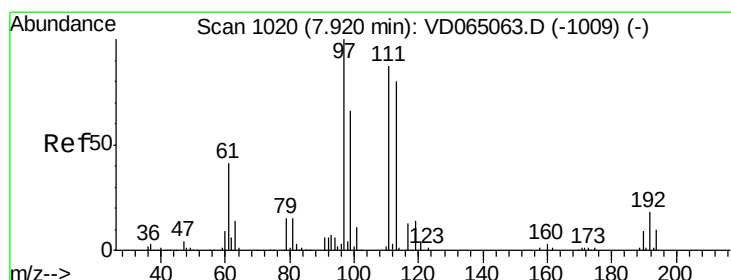
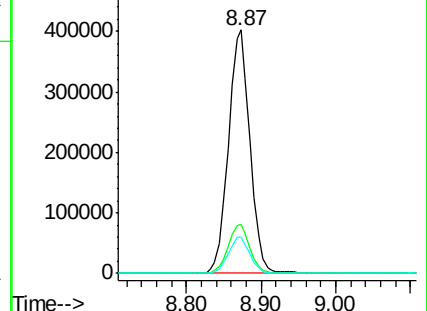
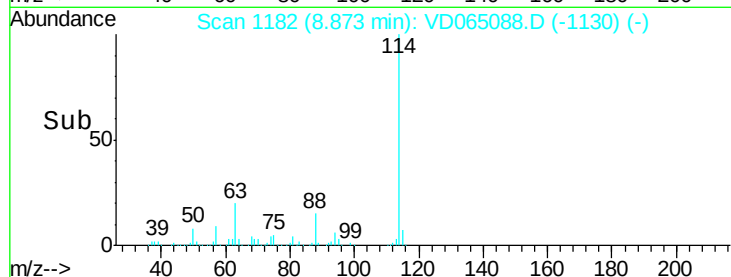
88 14.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 54.342 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065088.D

Acq: 06 Feb 2020 15:54

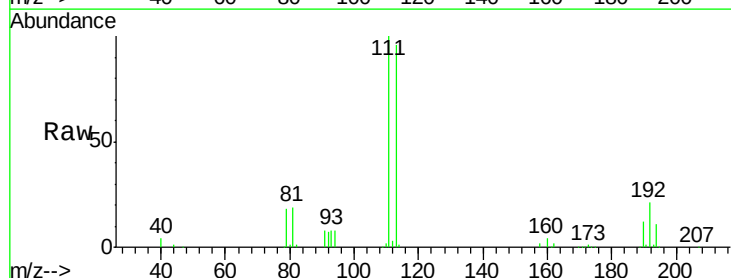
Tgt Ion:113 Resp: 244867

Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

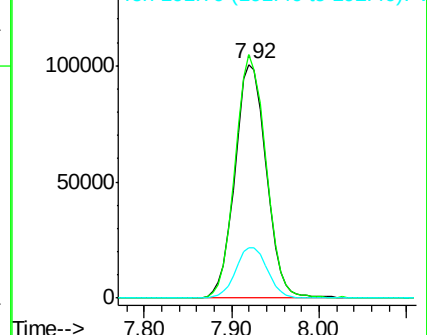
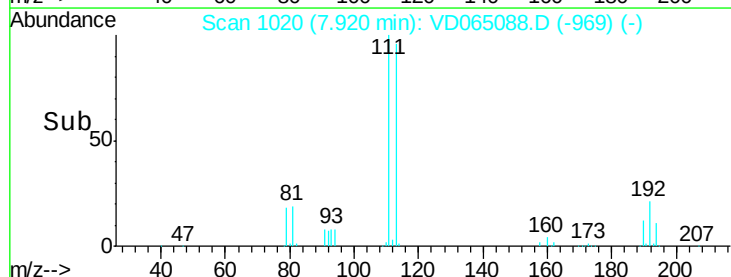
192 21.8 18.1 27.1

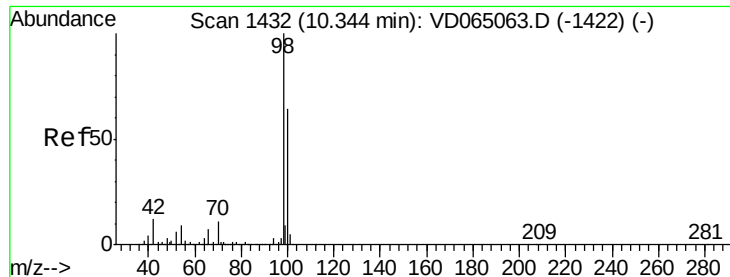


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.025 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065088.D

Acq: 06 Feb 2020 15:54

Instrument :

MSVOA_D

ClientSampleId :

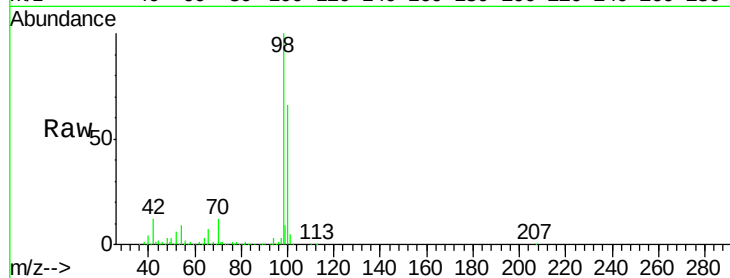
WPNB-5-(0.0-6.0)

Tot Ion: 98 Resp: 986891

Ion Ratio Lower Upper

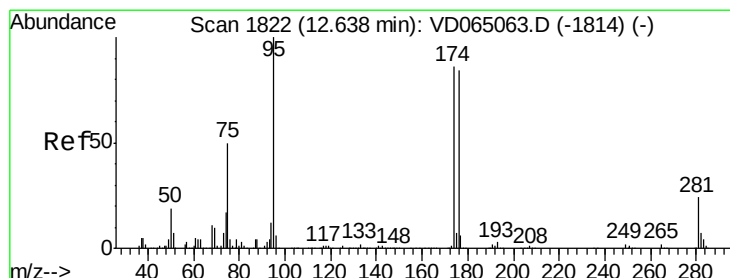
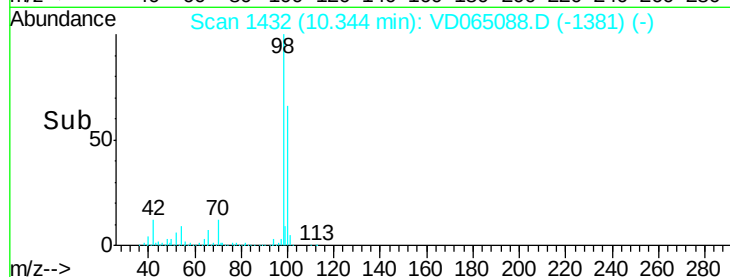
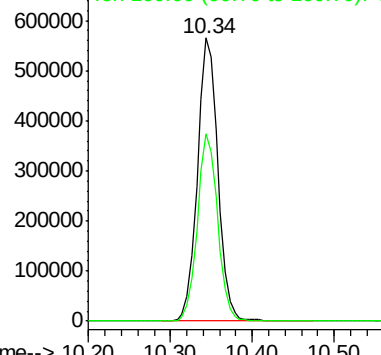
98 100

100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 59.697 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065088.D

Acq: 06 Feb 2020 15:54

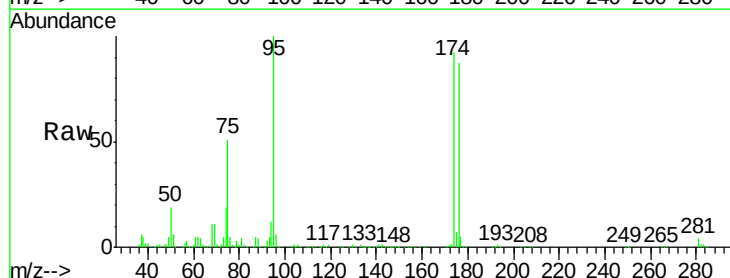
Tgt Ion: 95 Resp: 339260

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

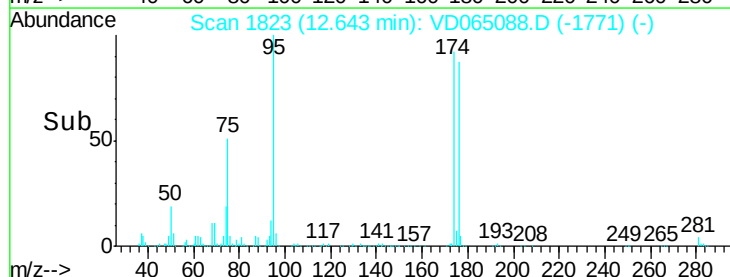
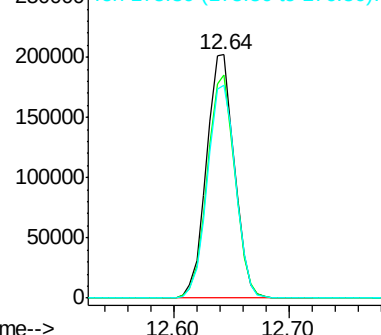
176 88.1 0.0 173.2

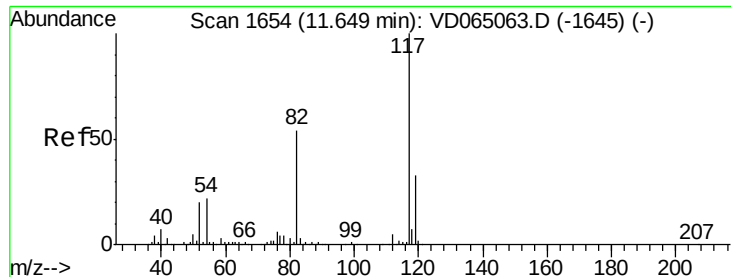


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

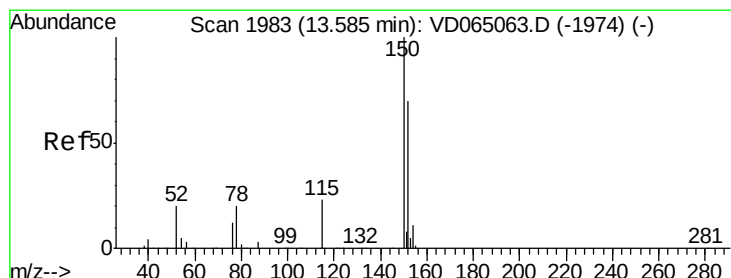
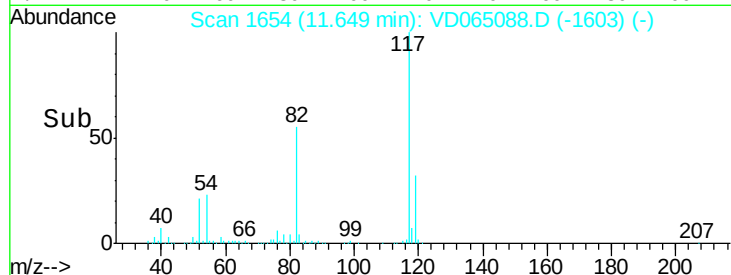
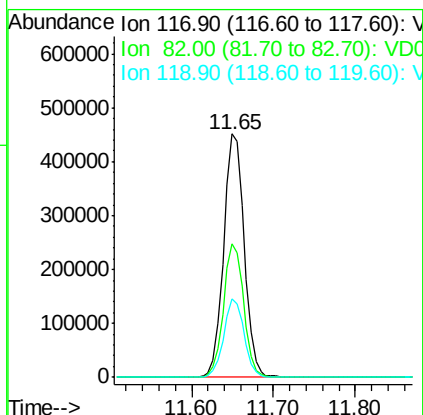
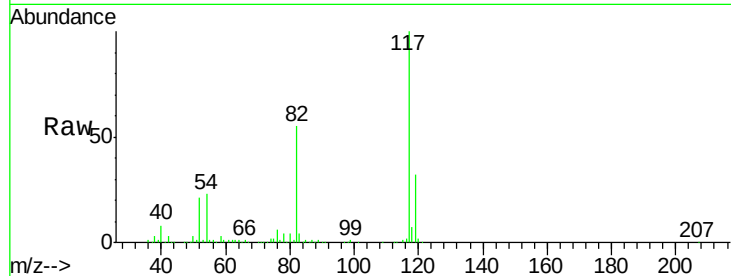




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065088.D
Acq: 06 Feb 2020 15:54

Instrument :
MSVOA_D
ClientSampleId :
WPNB-5-(0.0-6.0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.1	64.7
119	32.1	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065088.D
Acq: 06 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.5	82.4
150	153.6	0.0	343.2

