

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065089.D
 Acq On : 06 Feb 2020 16:22
 Operator : VA/SY
 Sample : L1394-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WPNB-1-(0.0-6.0)

Quant Time: Feb 07 06:47:55 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	481115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	794254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	800176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	386269	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	228840	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	7.92	113	243284	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
50) Toluene-d8	10.34	98	983300	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
62) 4-Bromofluorobenzene	12.64	95	344673	61.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.34%	

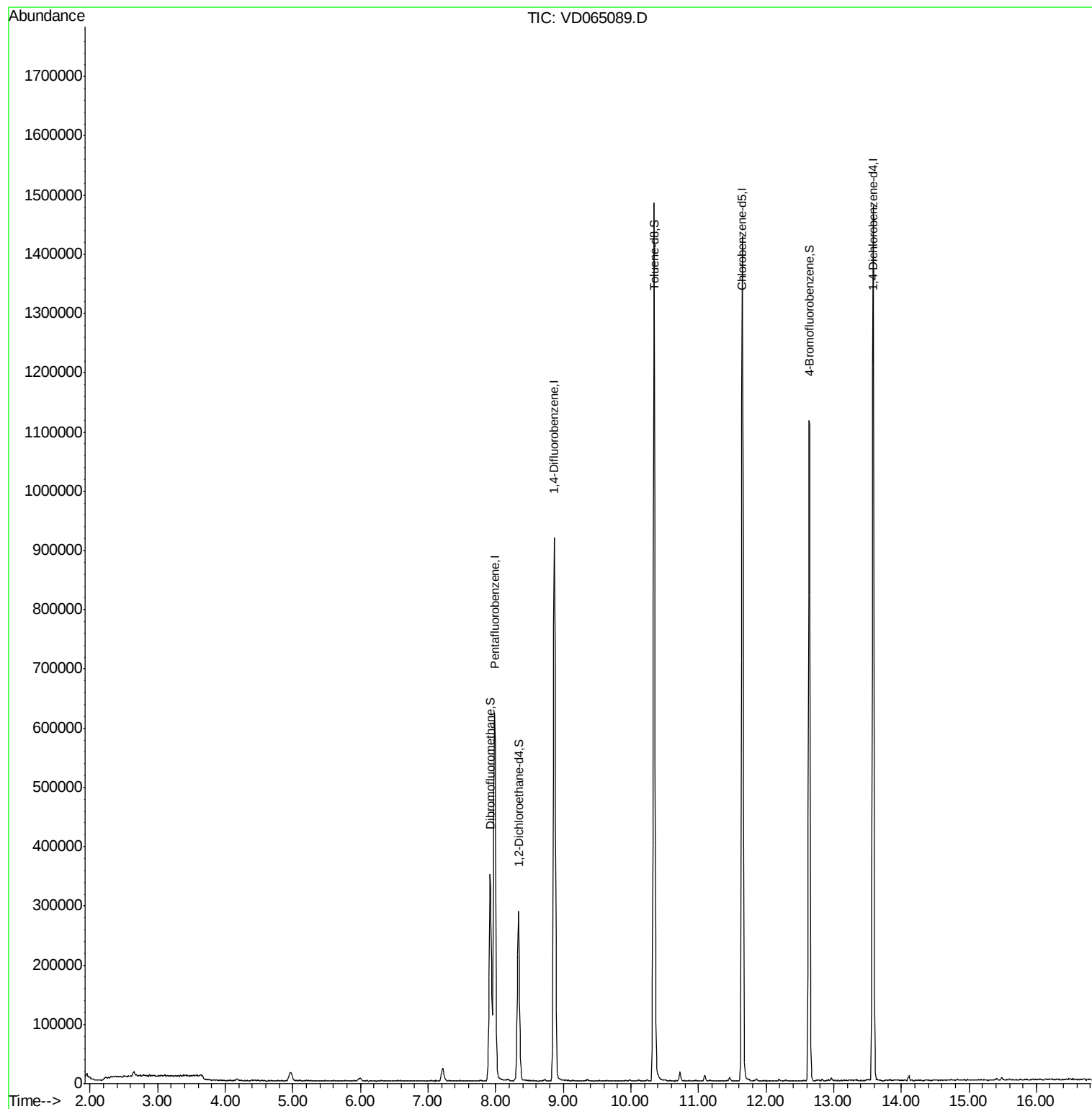
Target Compounds	Qvalue
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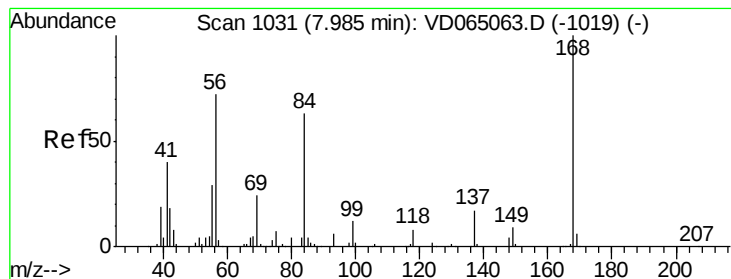
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065089.D

Acq: 06 Feb 2020 16:22

Instrument :

MSVOA_D

ClientSampleId :

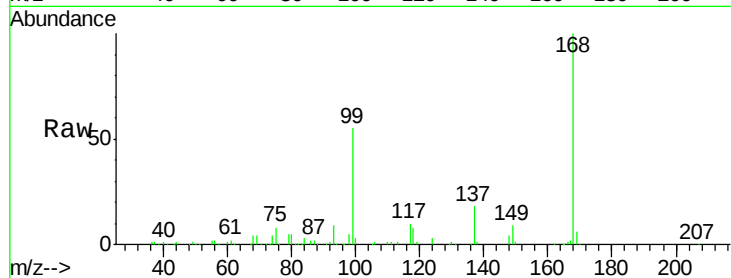
WPNB-1-(0.0-6.0)

Tot Ion:168 Resp: 481115

Ion Ratio Lower Upper

168 100

99 54.9 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

200000

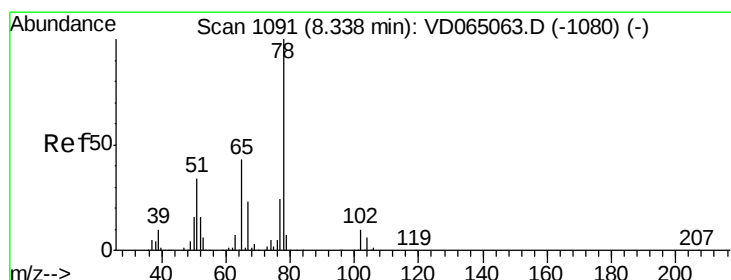
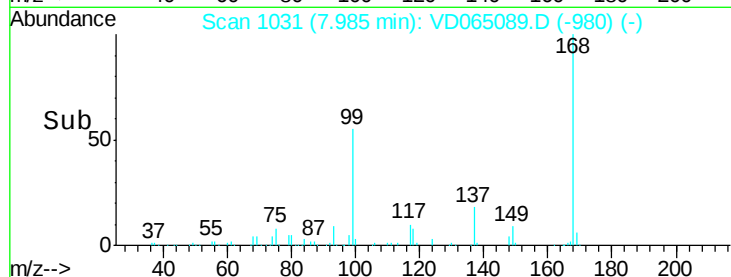
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.964 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065089.D

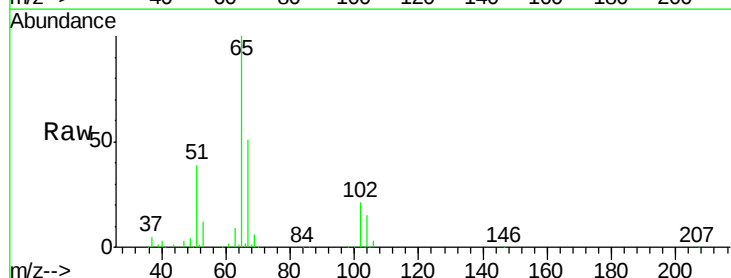
Acq: 06 Feb 2020 16:22

Tgt Ion: 65 Resp: 228840

Ion Ratio Lower Upper

65 100

67 52.6 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

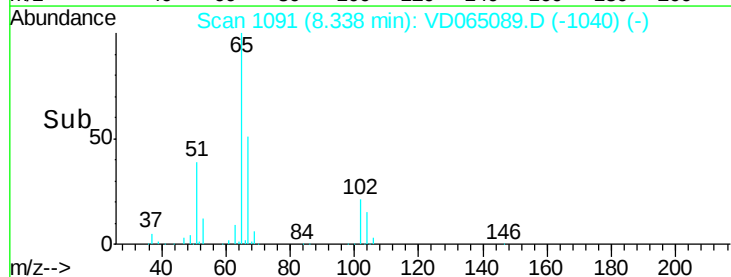
60000

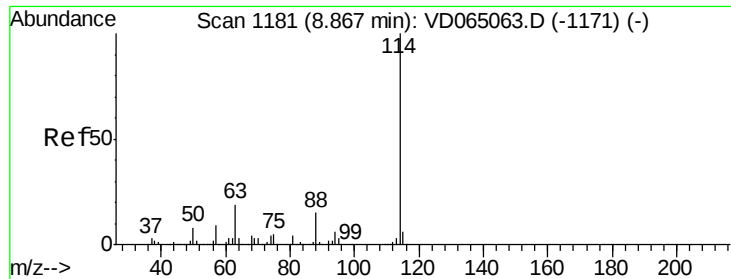
40000

20000

0

Time-->

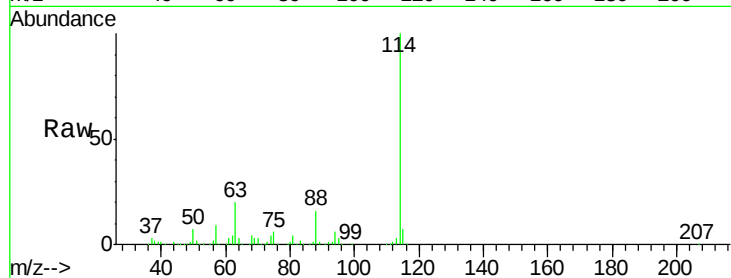




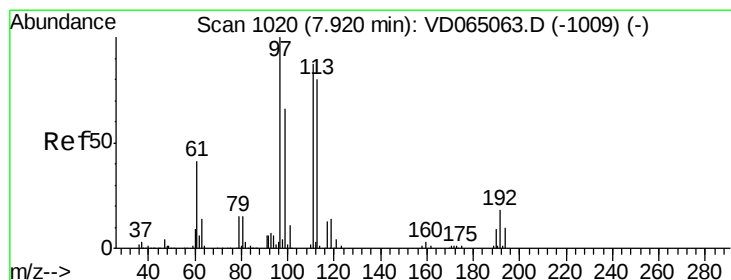
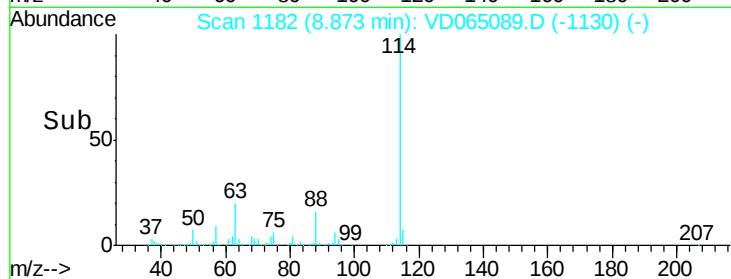
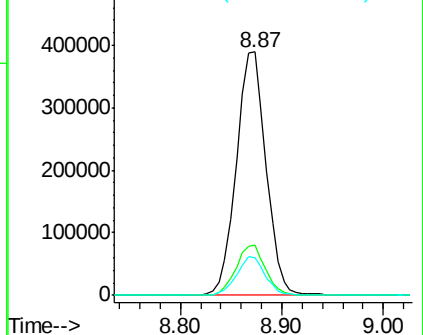
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065089.D
 Acq: 06 Feb 2020 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 WPNB-1-(0.0-6.0)

Tot Ion:114	Resp:	794254
Ion Ratio	Lower	Upper
114 100		
63 20.5	0.0	38.8
88 15.6	0.0	29.6

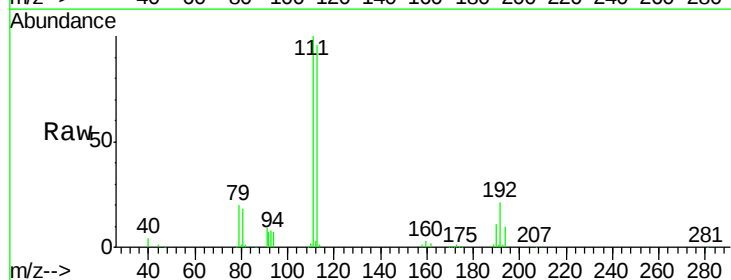


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

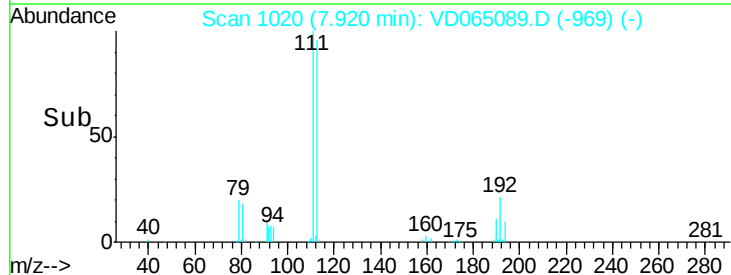
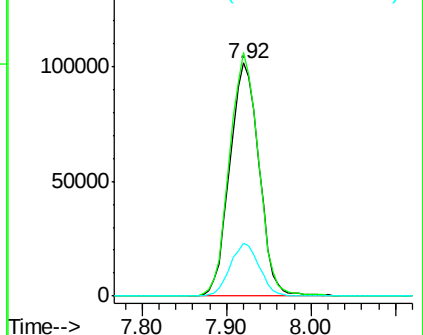


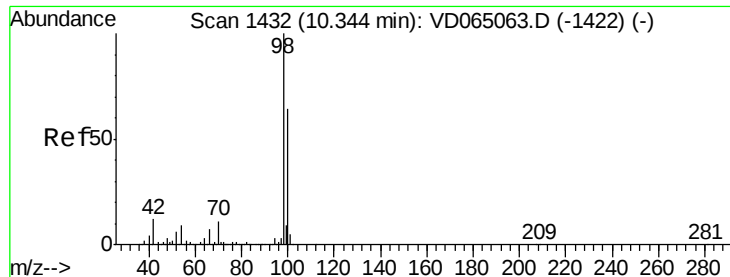
#35
 Dibromofluoromethane
 Concen: 54.899 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065089.D
 Acq: 06 Feb 2020 16:22

Tgt Ion:113	Resp:	243284
Ion Ratio	Lower	Upper
113 100		
111 103.4	83.1	124.7
192 22.5	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: 55.747 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065089.D

Acq: 06 Feb 2020 16:22

Instrument :

MSVOA_D

ClientSampleId :

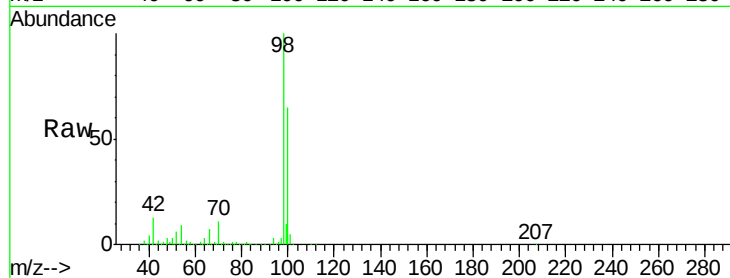
WPNB-1-(0.0-6.0)

Tot Ion: 98 Resp: 983300

Ion Ratio Lower Upper

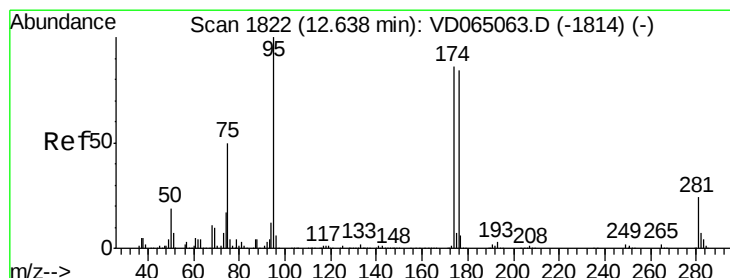
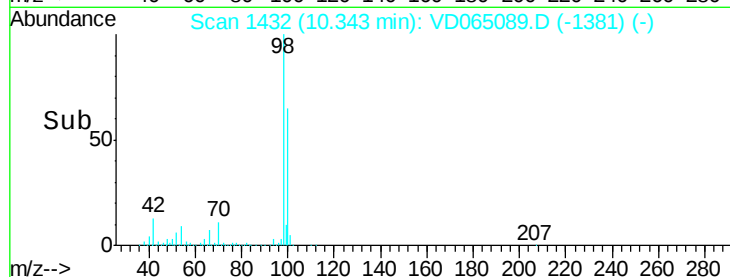
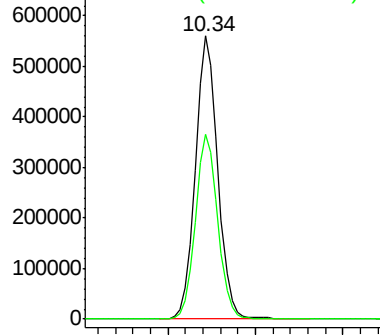
98 100

100 65.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 61.670 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065089.D

Acq: 06 Feb 2020 16:22

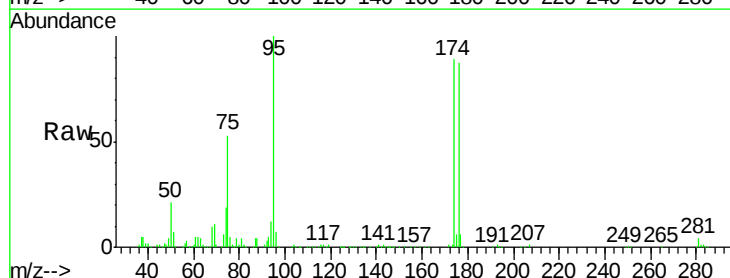
Tgt Ion: 95 Resp: 344673

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

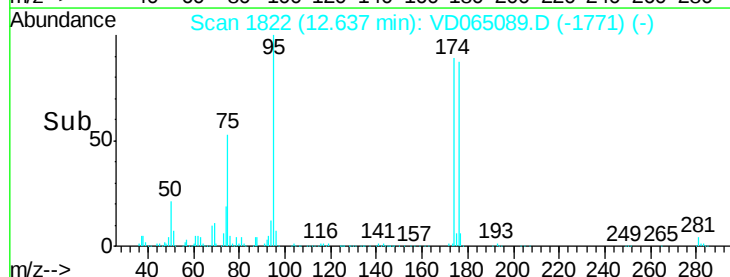
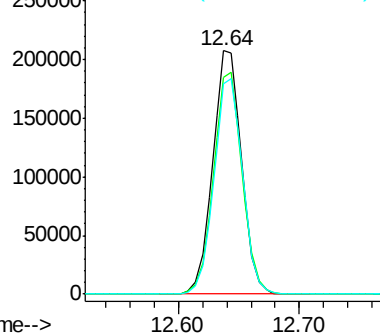
176 87.8 0.0 173.2

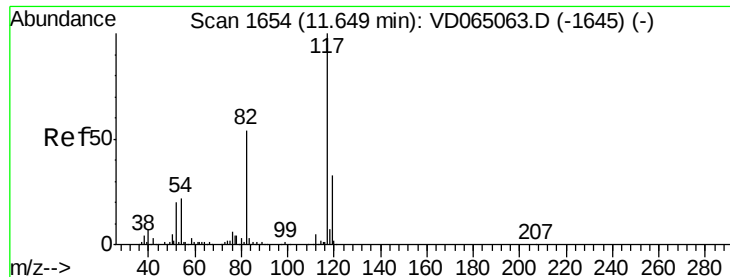


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

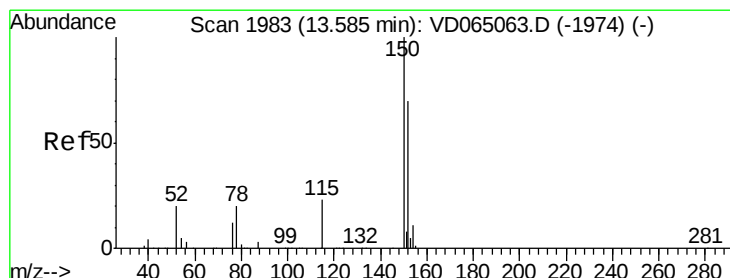
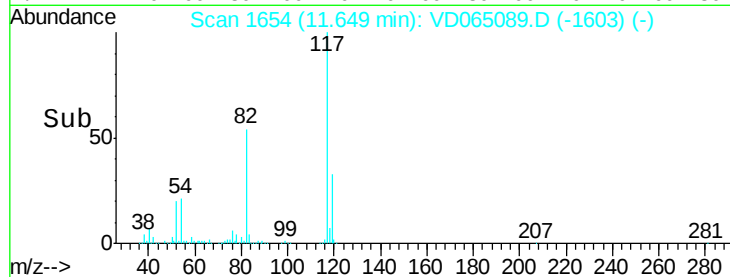
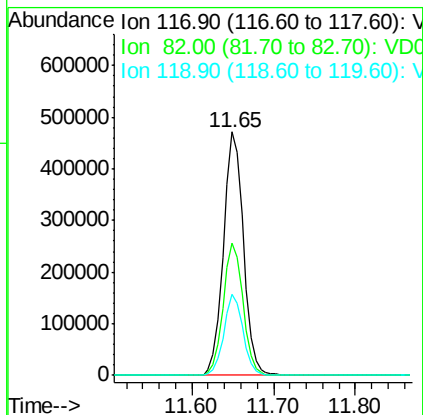
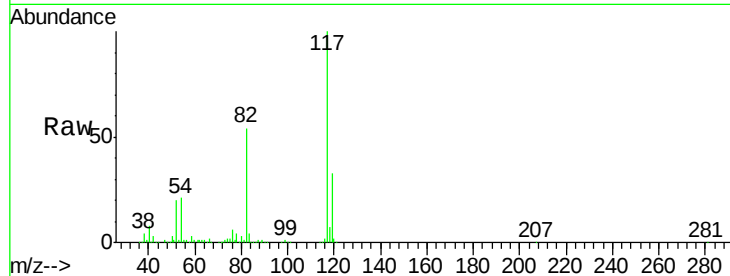




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065089.D
Acq: 06 Feb 2020 16:22

Instrument :
MSVOA_D
ClientSampleId :
WPNB-1-(0.0-6.0)

Tot Ion:117 Resp: 800176
Ion Ratio Lower Upper
117 100
82 54.2 43.1 64.7
119 33.4 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: VD065089.D
Acq: 06 Feb 2020 16:22

Tgt Ion:152 Resp: 386269
Ion Ratio Lower Upper
152 100
115 55.2 27.5 82.4
150 156.7 0.0 343.2

