

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065086.D
 Acq On : 06 Feb 2020 14:56
 Operator : VA/SY
 Sample : L1394-03
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WPNB-3-(0.0-6.0)

Quant Time: Feb 07 06:43:14 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	492687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	809903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	812405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	393325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	238029	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
35) Dibromofluoromethane	7.92	113	250152	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
50) Toluene-d8	10.34	98	1011091	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
62) 4-Bromofluorobenzene	12.64	95	351957	61.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.52%	

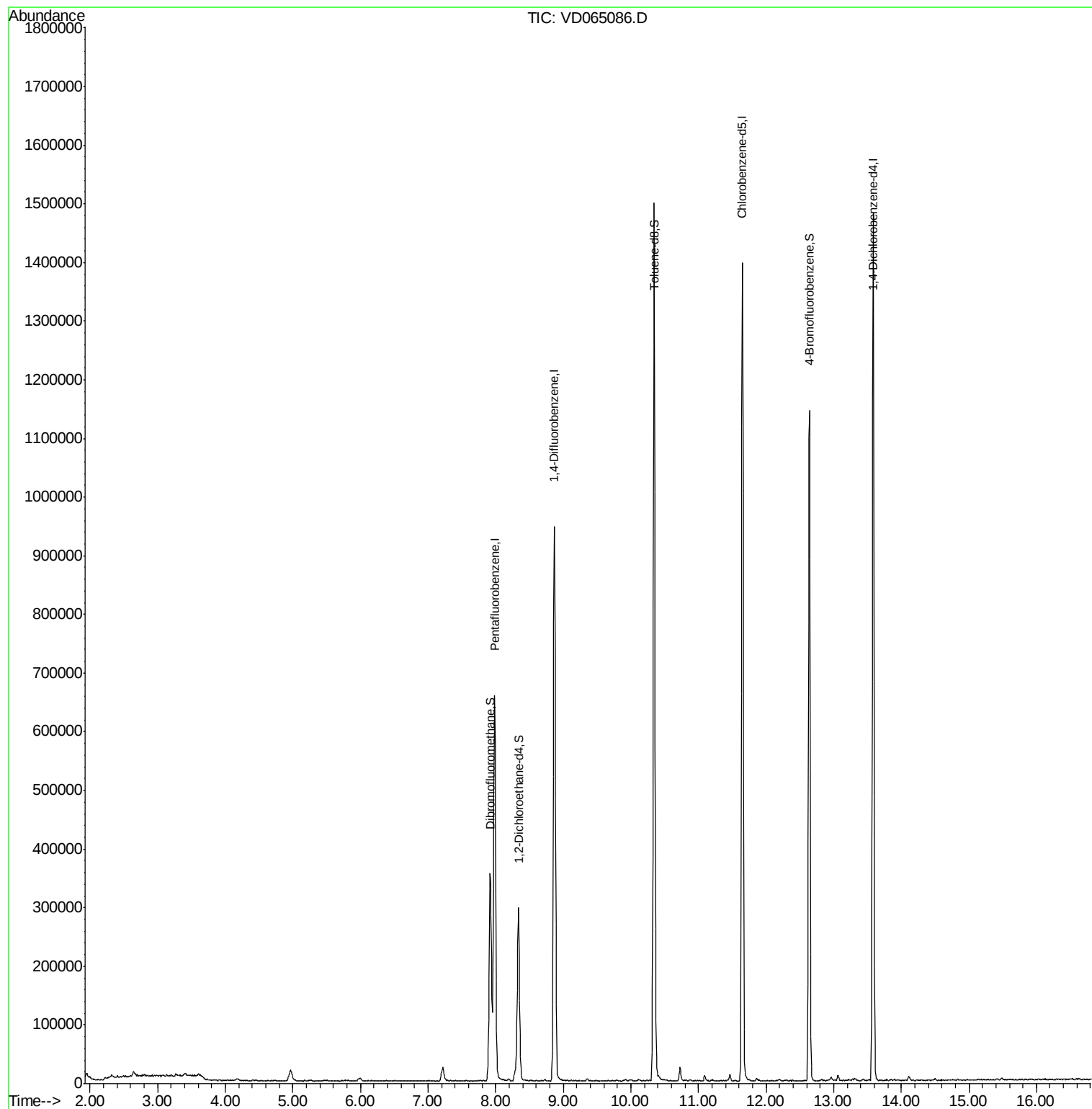
Target Compounds	Qvalue

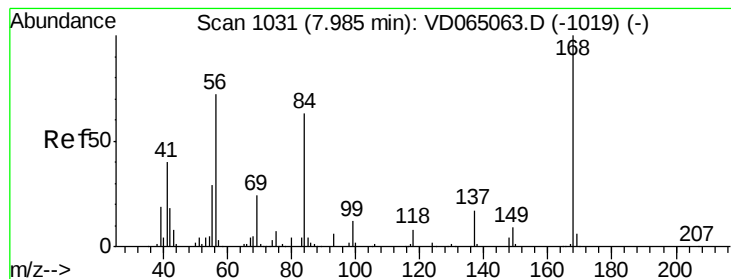
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065086.D

Acq: 06 Feb 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

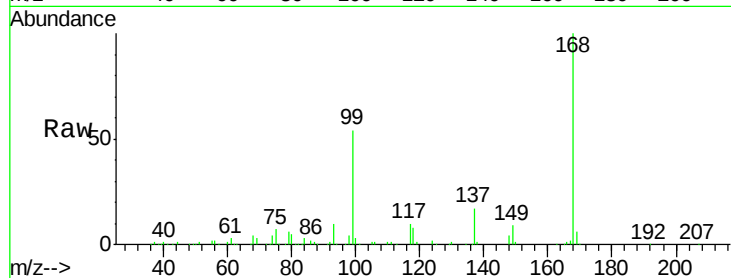
WPNB-3-(0.0-6.0)

Tot Ion:168 Resp: 492687

Ion Ratio Lower Upper

168 100

99 53.6 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

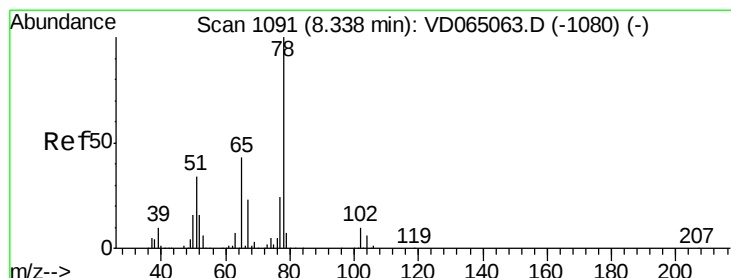
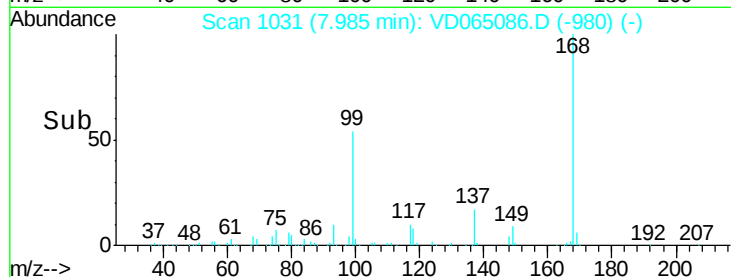
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.844 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065086.D

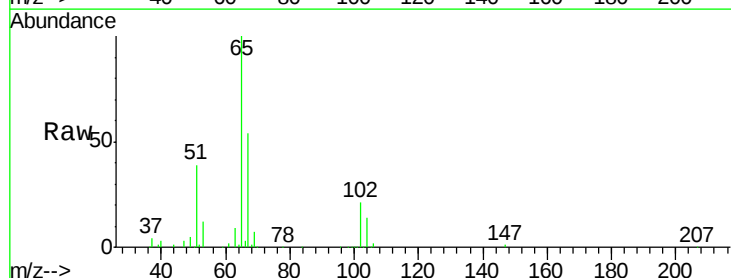
Acq: 06 Feb 2020 14:56

Tgt Ion: 65 Resp: 238029

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

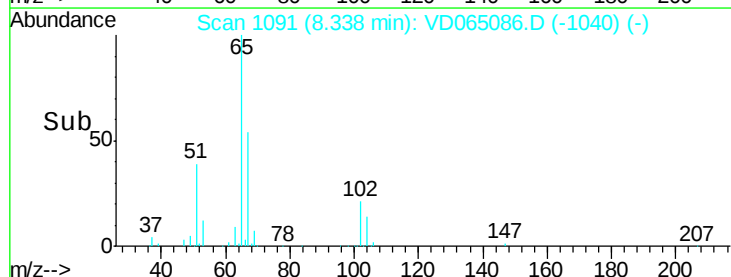
60000

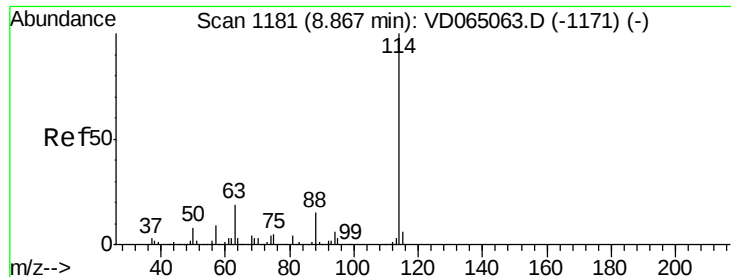
40000

20000

0

Time-->

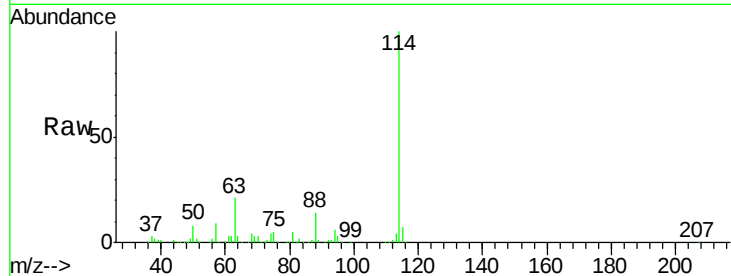




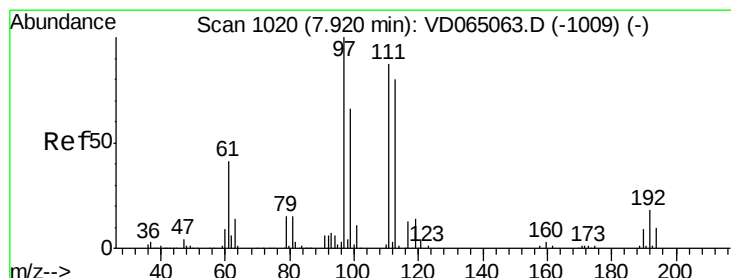
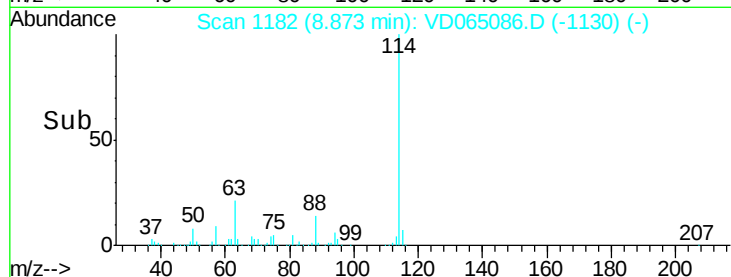
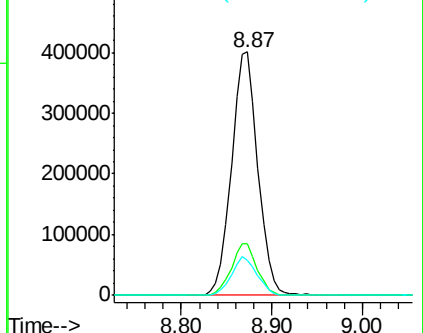
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065086.D
 Acq: 06 Feb 2020 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 WPNB-3-(0.0-6.0)

Tot Ion:114 Resp: 809903
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.8
 88 14.3 0.0 29.6

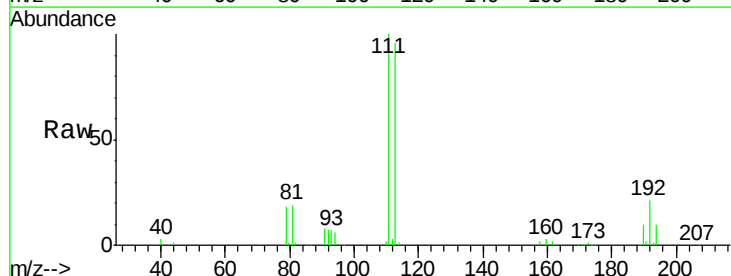


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

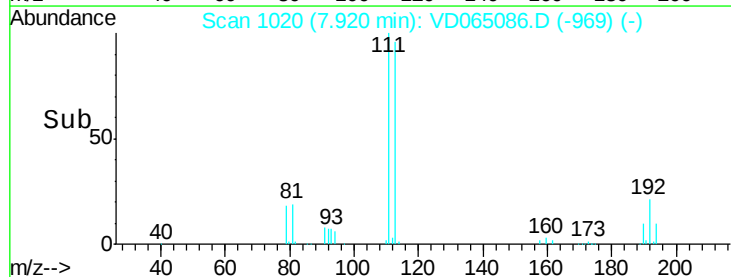
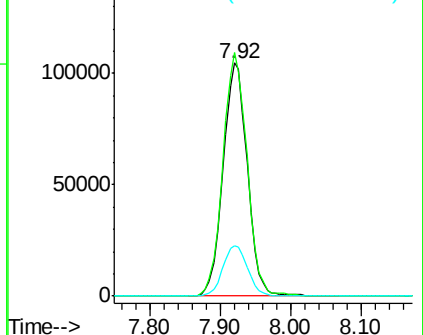


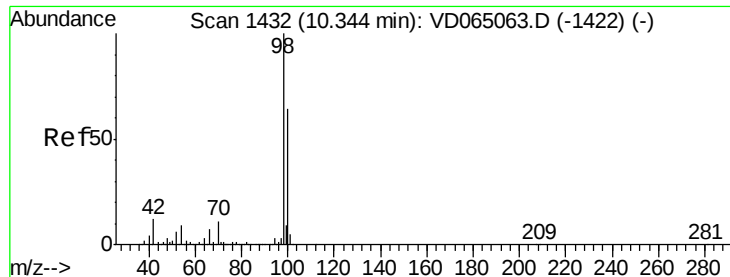
#35
 Dibromofluoromethane
 Concen: 55.359 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065086.D
 Acq: 06 Feb 2020 14:56

Tgt Ion:113 Resp: 250152
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.1 124.7
 192 22.0 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: 56.215 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065086.D

Acq: 06 Feb 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

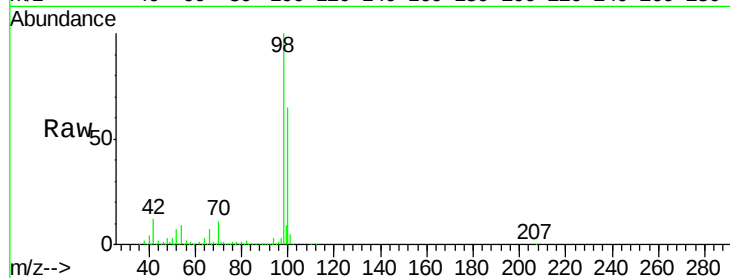
WPNB-3-(0.0-6.0)

Tot Ion: 98 Resp: 1011091

Ion Ratio Lower Upper

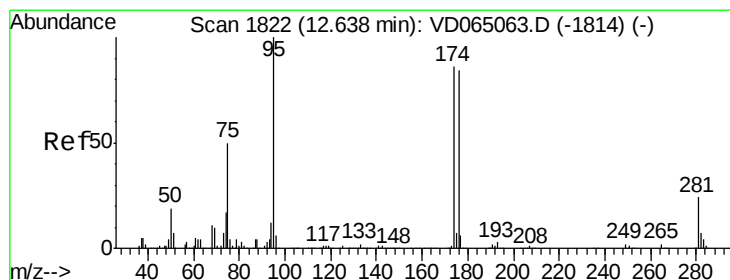
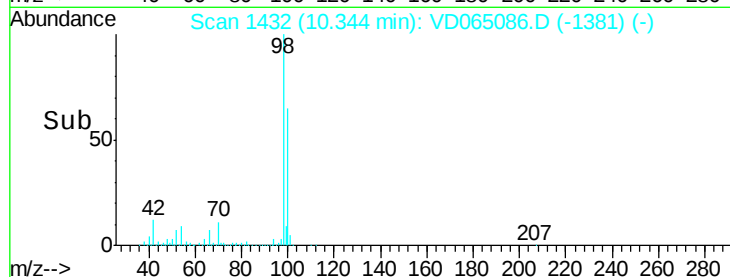
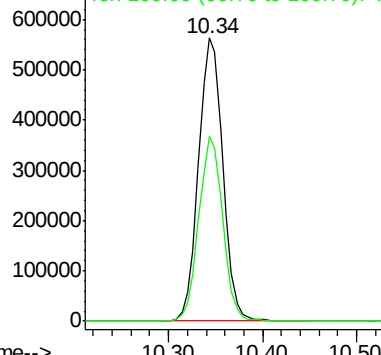
98 100

100 64.4 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: 61.757 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065086.D

Acq: 06 Feb 2020 14:56

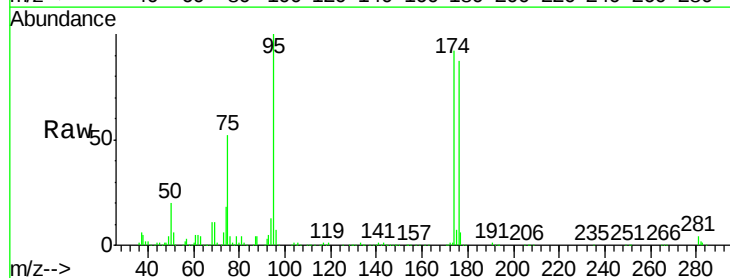
Tgt Ion: 95 Resp: 351957

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.0

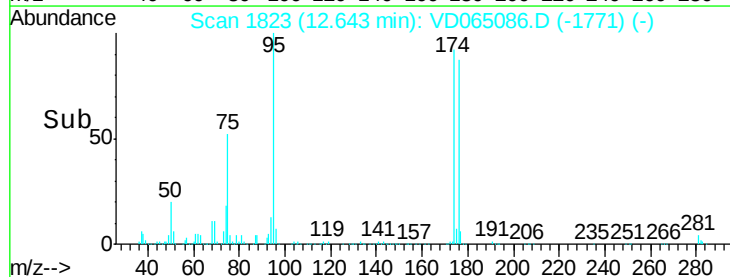
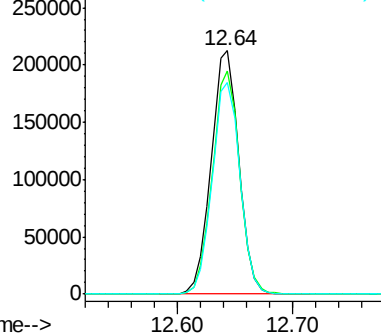
176 87.5 0.0 173.2

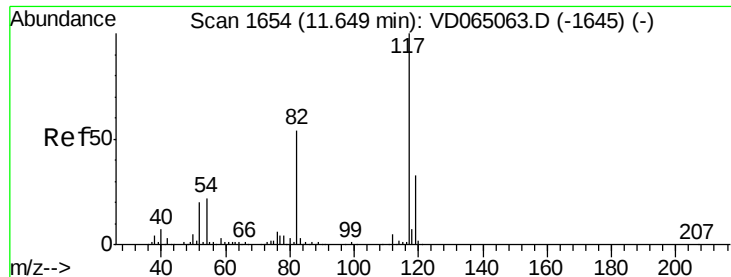


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

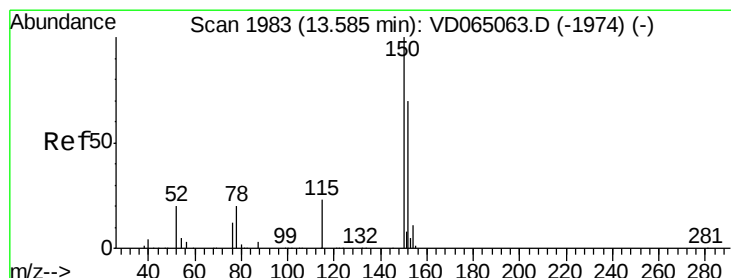
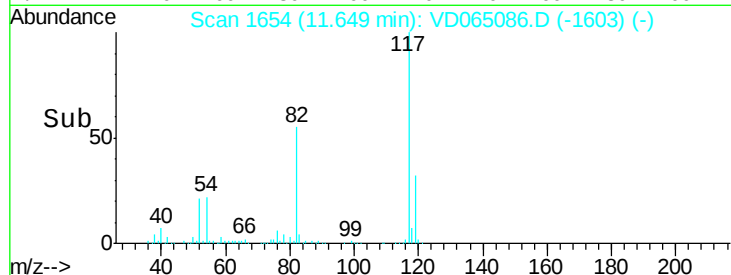
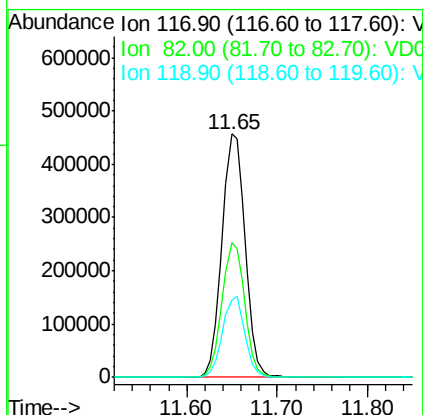
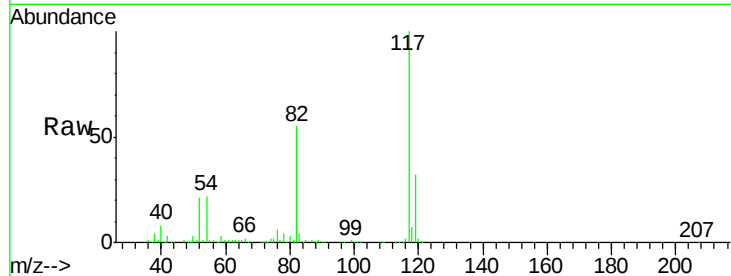




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065086.D
Acq: 06 Feb 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
WPNB-3-(0.0-6.0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.1	64.7
119	31.9	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: VD065086.D
Acq: 06 Feb 2020 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.5	82.4
150	156.7	0.0	343.2

