

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065110.D
 Acq On : 07 Feb 2020 15:21
 Operator : VA/SY
 Sample : L1403-05
 Misc : 10.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-14-14.5

Quant Time: Feb 08 00:42:23 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	505046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	800994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	824437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415601	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	235549	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	7.92	113	243156	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	10.34	98	986371	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
62) 4-Bromofluorobenzene	12.64	95	365007	64.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.52%	

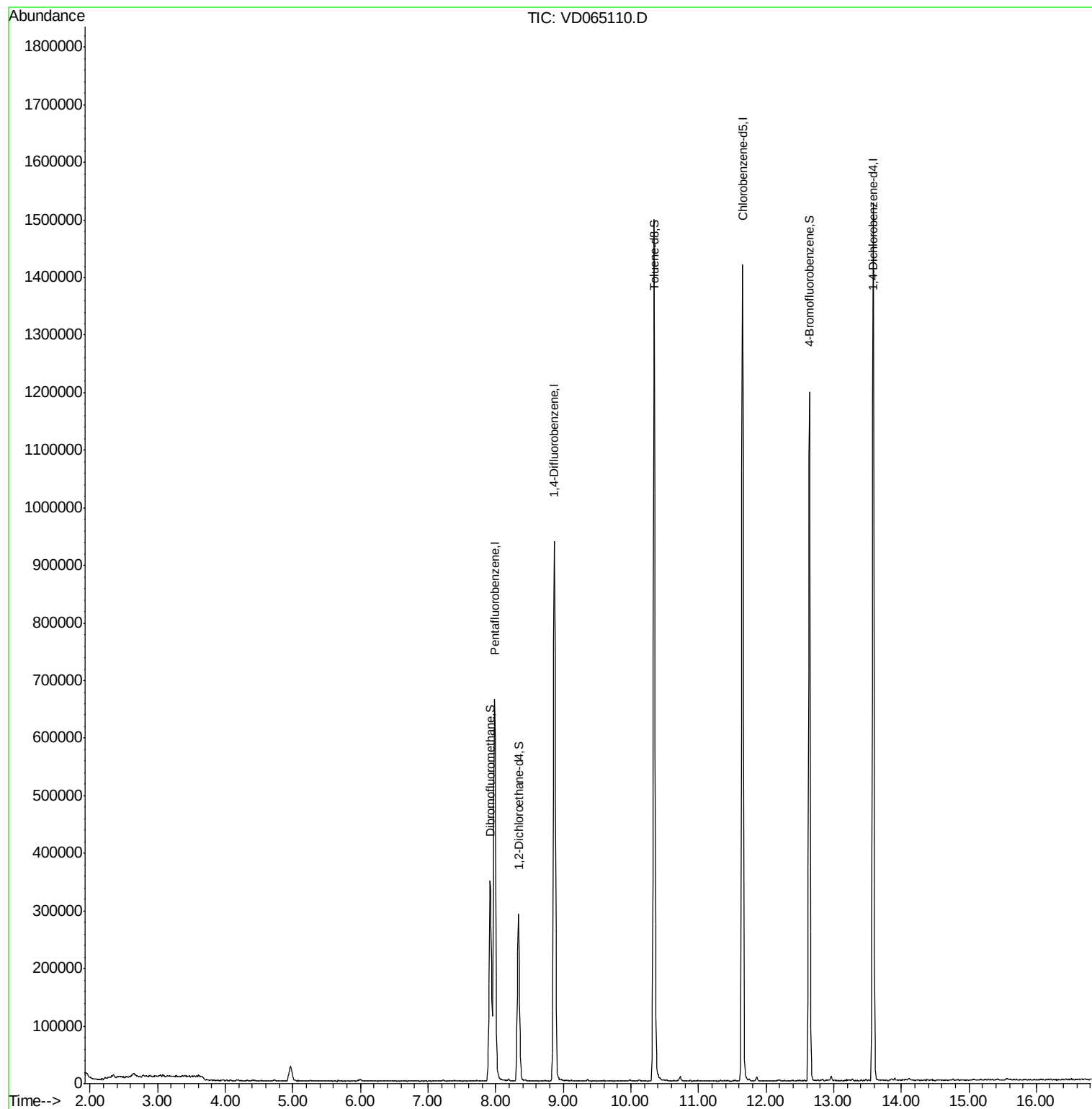
Target Compounds	Qvalue

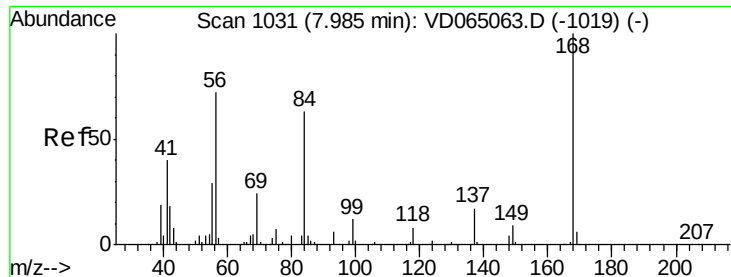
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020720\
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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: VD065110.D

Acq: 07 Feb 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :

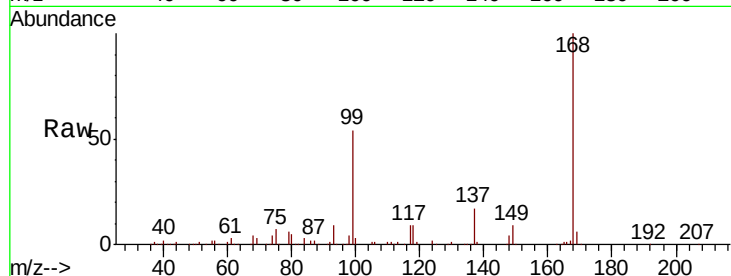
SB-5-14-14.5

Tot Ion:168 Resp: 505046

Ion Ratio Lower Upper

168 100

99 54.2 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

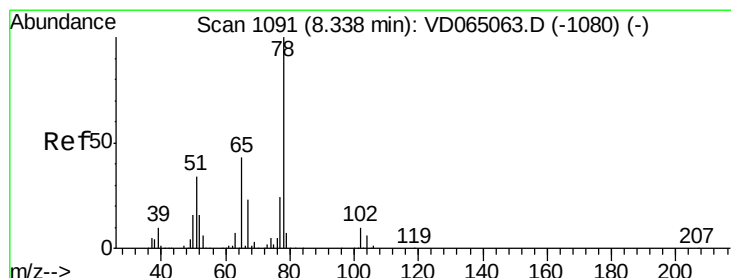
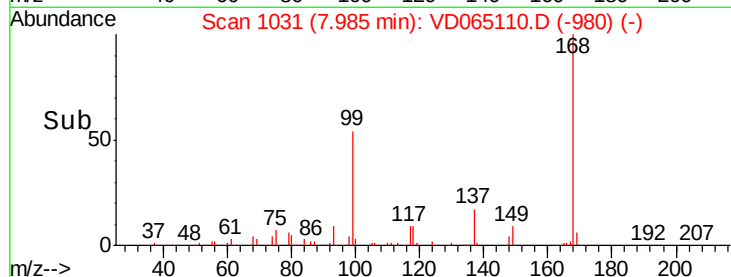
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.875 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065110.D

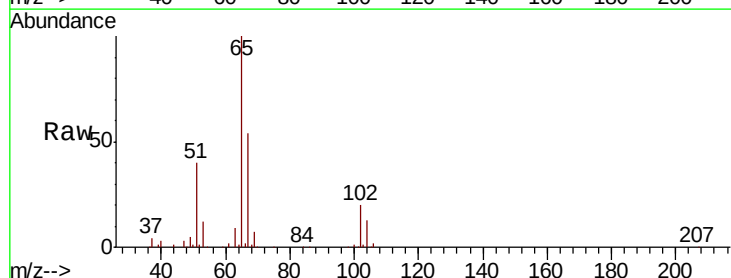
Acq: 07 Feb 2020 15:21

Tgt Ion: 65 Resp: 235549

Ion Ratio Lower Upper

65 100

67 52.2 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

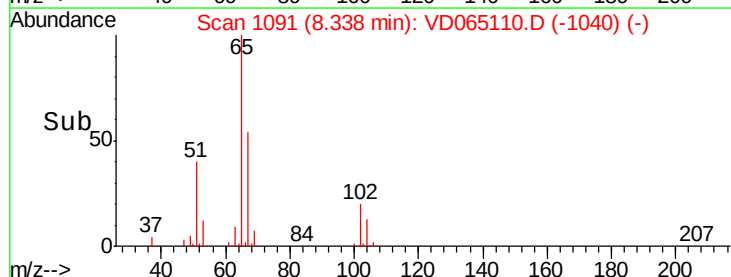
40000

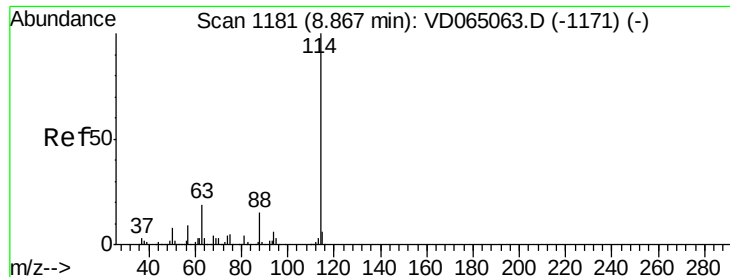
20000

0

8.30 8.40

Time-->

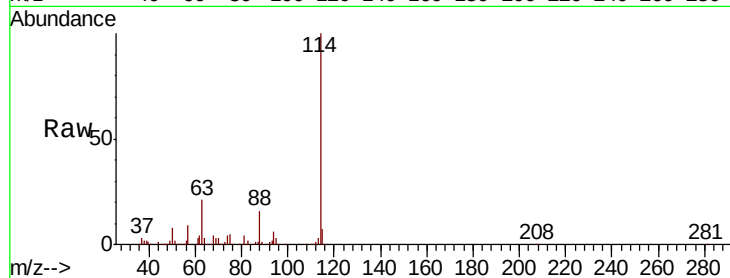




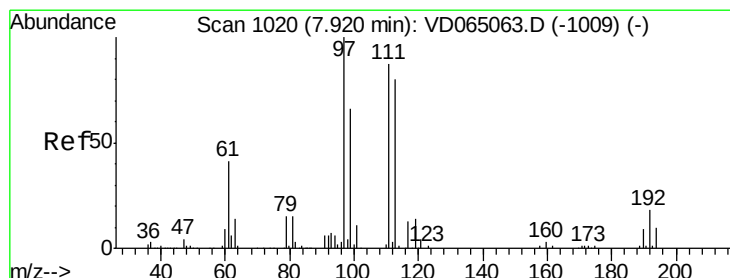
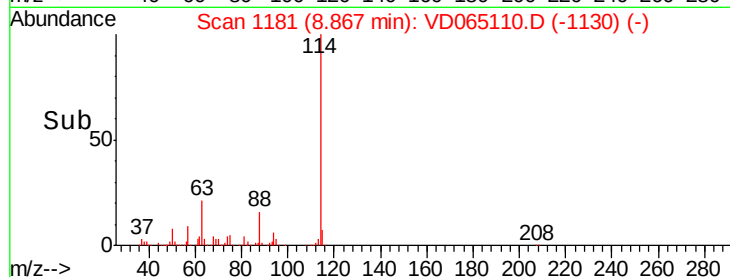
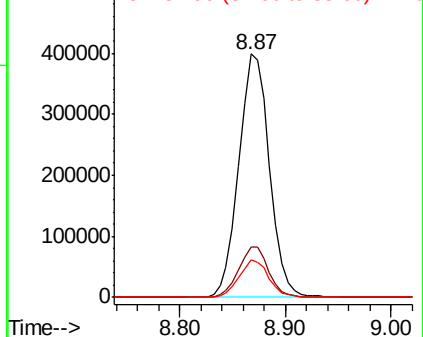
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065110.D
 Acq: 07 Feb 2020 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-14-14.5

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	38.8
88	15.6	0.0	29.6

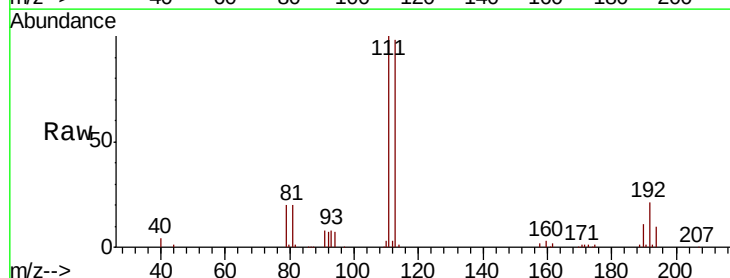


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

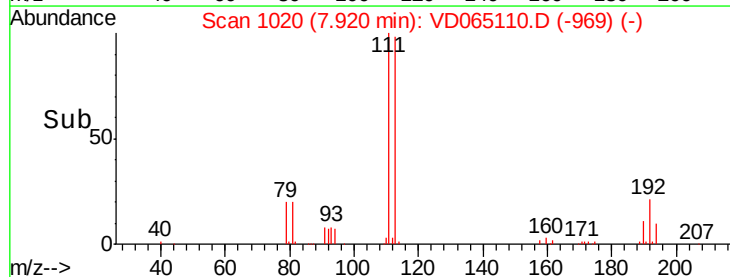
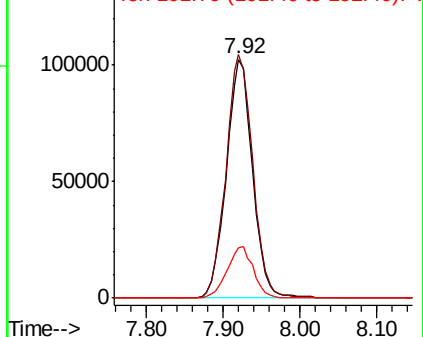


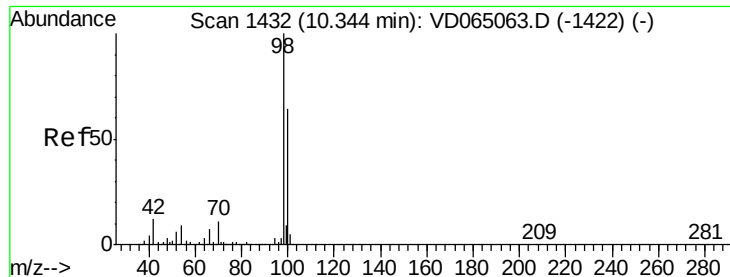
#35
 Dibromofluoromethane
 Concen: 54.409 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065110.D
 Acq: 07 Feb 2020 15:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	21.5	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: 55.451 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065110.D

Acq: 07 Feb 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :

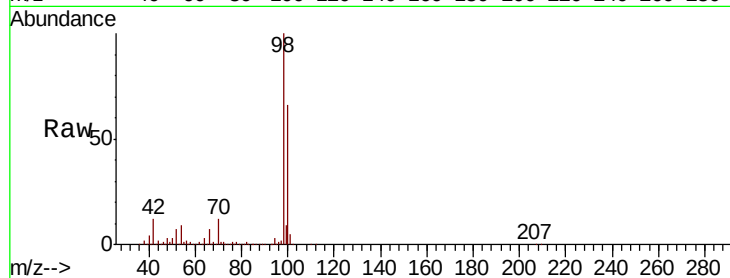
SB-5-14-14.5

Tot Ion: 98 Resp: 986371

Ion Ratio Lower Upper

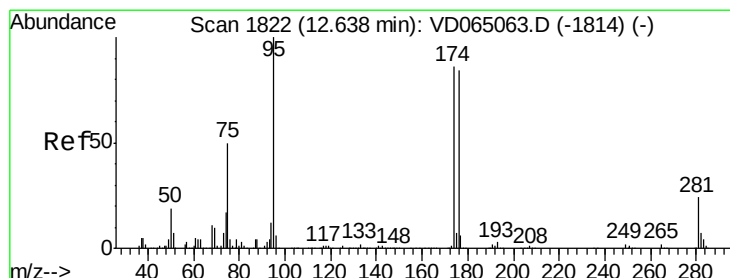
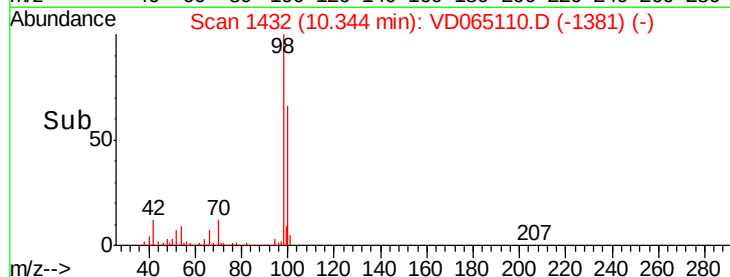
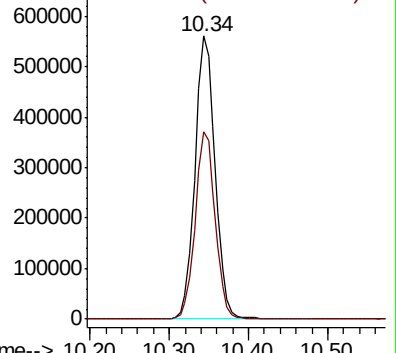
98 100

100 65.6 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: 64.759 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065110.D

Acq: 07 Feb 2020 15:21

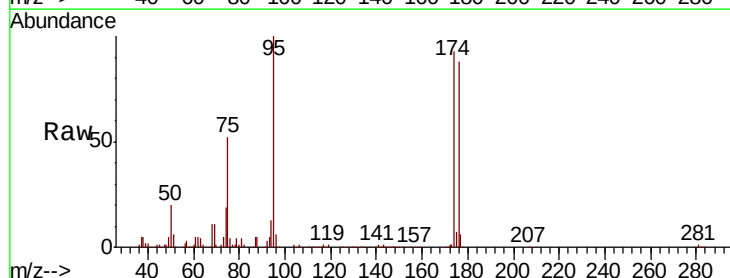
Tgt Ion: 95 Resp: 365007

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

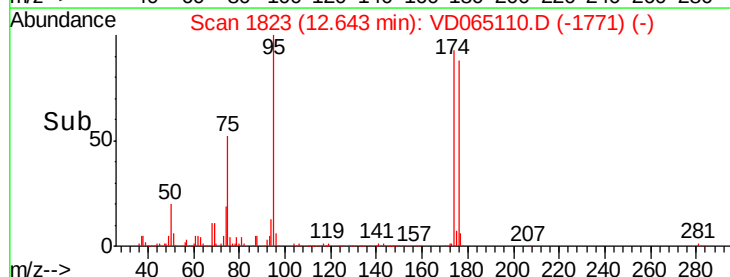
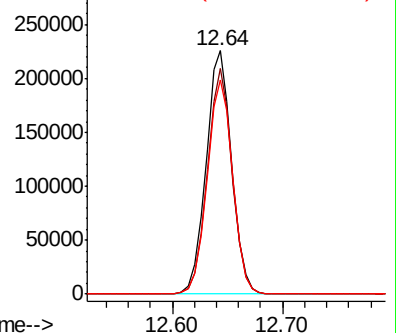
176 88.0 0.0 173.2

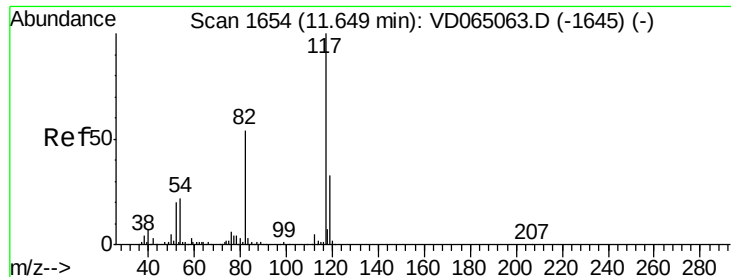


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

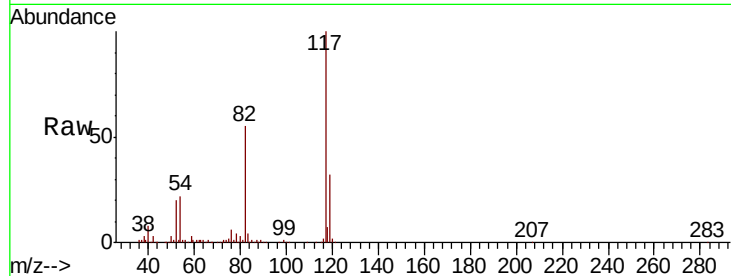




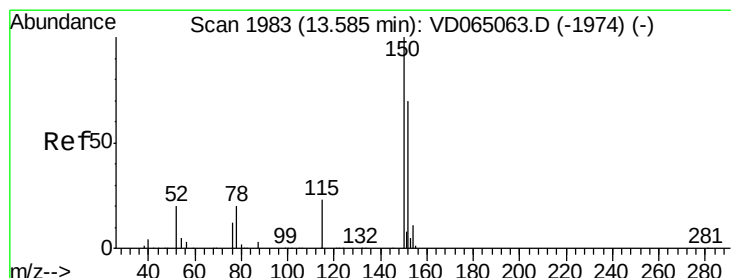
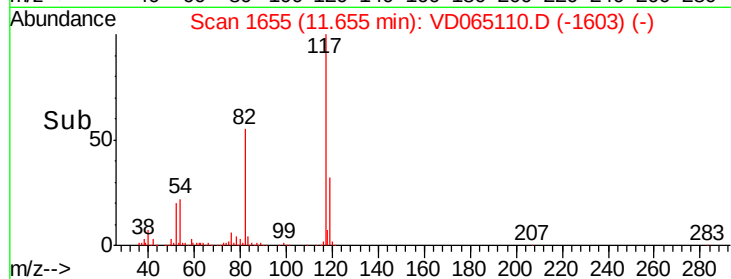
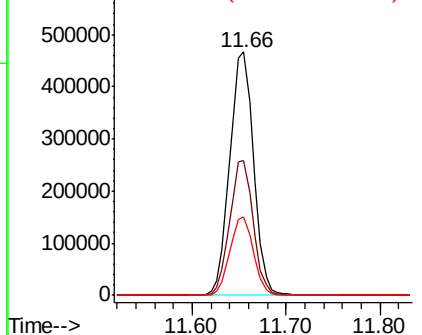
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065110.D
Acq: 07 Feb 2020 15:21

Instrument :
MSVOA_D
ClientSampleId :
SB-5-14-14.5

Tot Ion:117 Resp: 824437
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 32.3 26.0 39.0

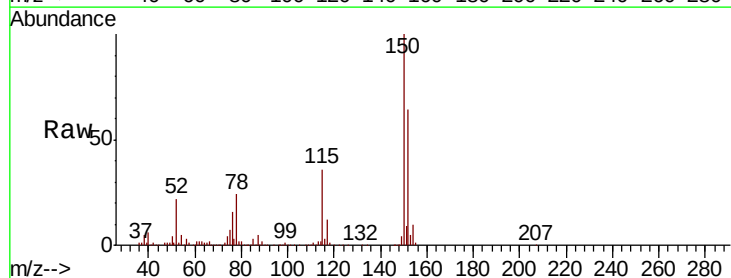


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065110.D
Acq: 07 Feb 2020 15:21

Tgt Ion:152 Resp: 415601
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 155.3 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

