

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065504.D
 Acq On : 13 Mar 2020 15:21
 Operator : VA/SY
 Sample : L1933-01
 Misc : 8.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12002

Quant Time: Mar 16 03:32:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	451598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	727440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	236441	61.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.08%	
35) Dibromofluoromethane	7.92	113	254188	53.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.26%	
50) Toluene-d8	10.34	98	927185	50.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.64	95	285665	50.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.78%	

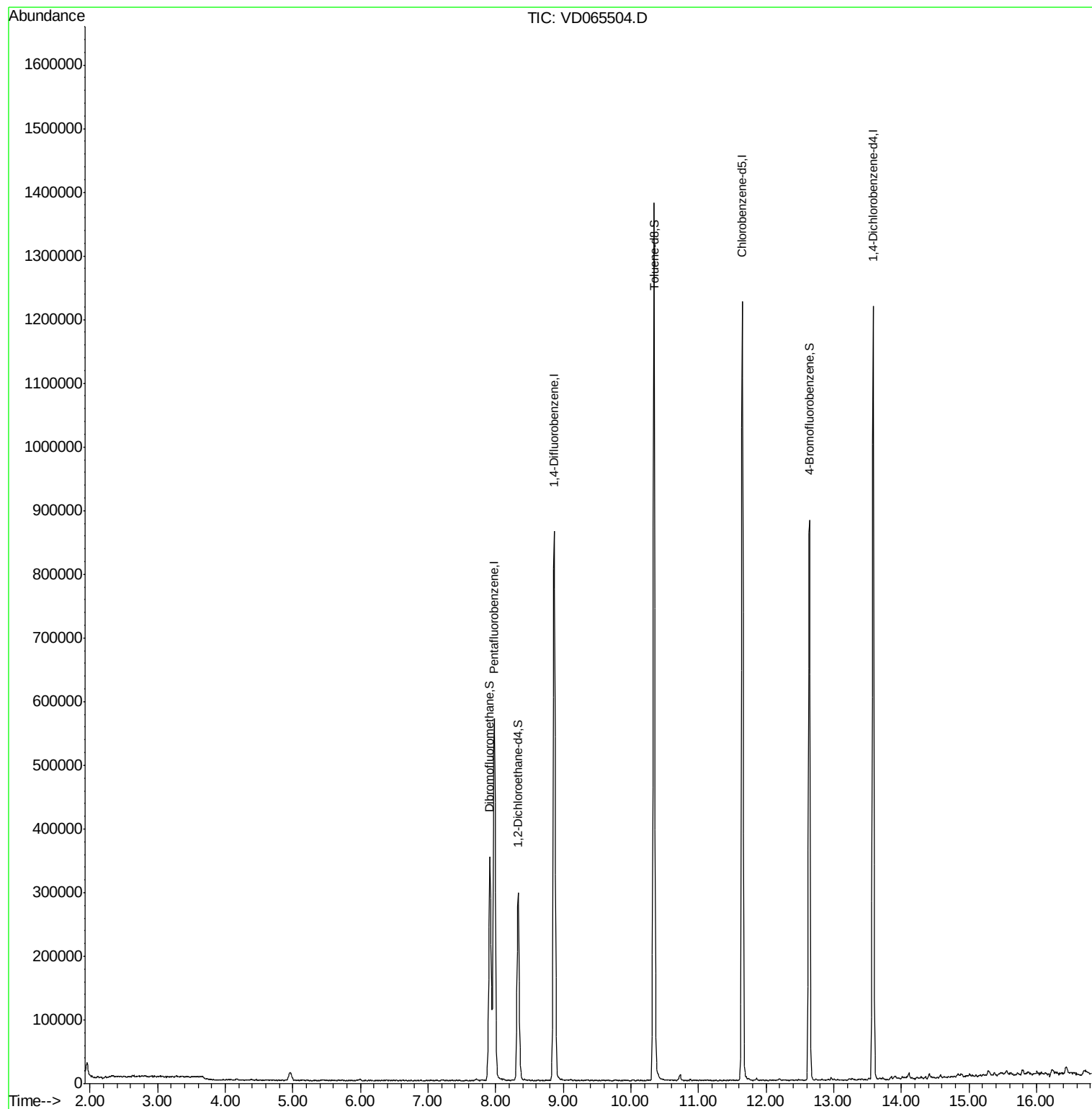
Target Compounds	Qvalue

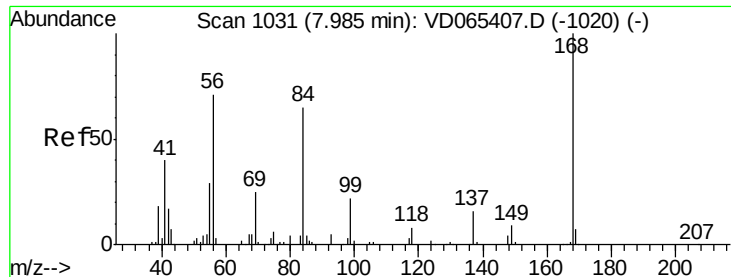
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :

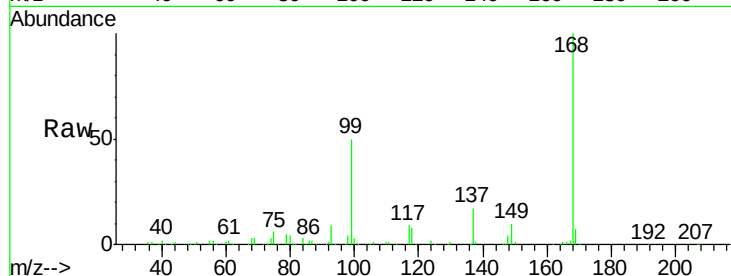
72-12002

Tot Ion:168 Resp: 451598

Ion Ratio Lower Upper

168 100

99 50.3 41.5 62.3



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

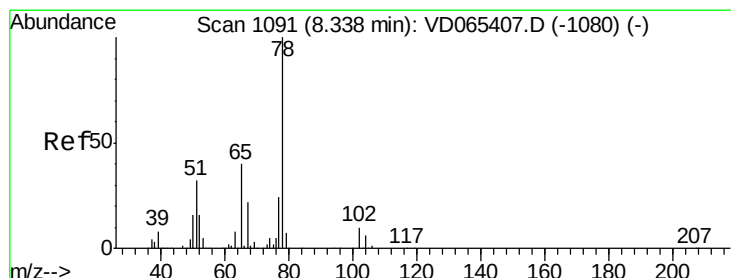
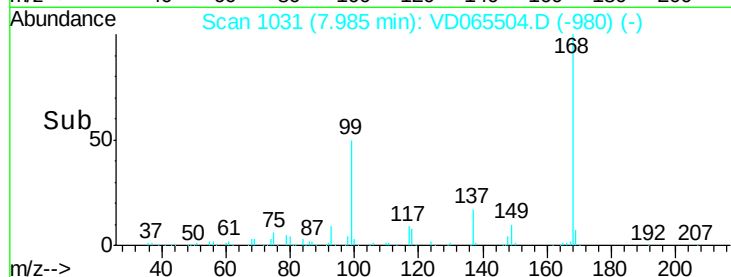
0

7.90

8.00

8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.036 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065504.D

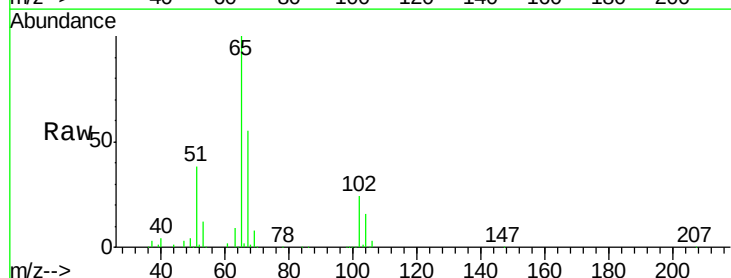
Acq: 13 Mar 2020 15:21

Tgt Ion: 65 Resp: 236441

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

60000

40000

20000

0

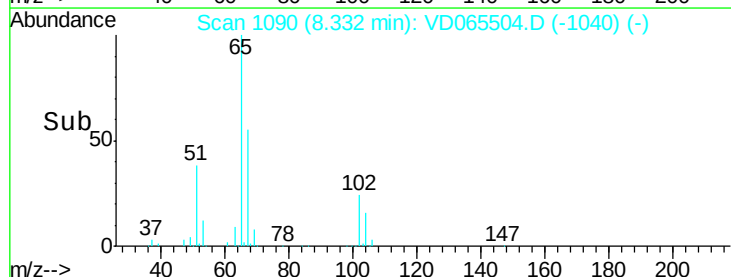
8.20

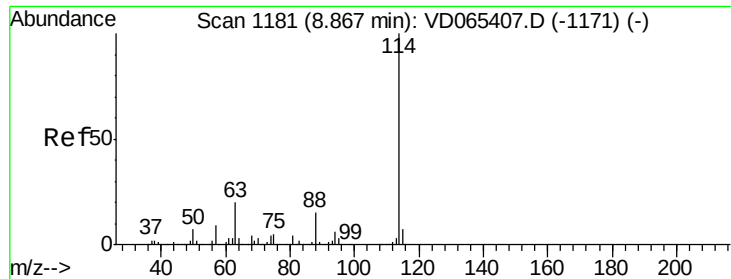
8.30

8.40

8.50

Time-->

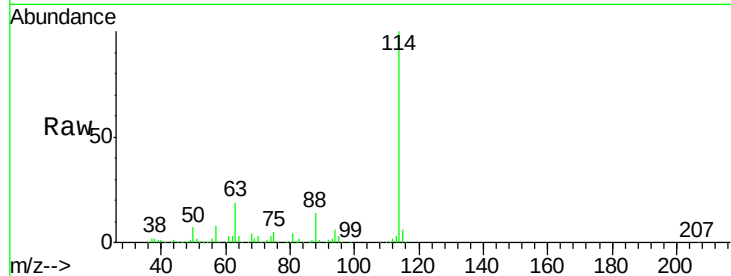




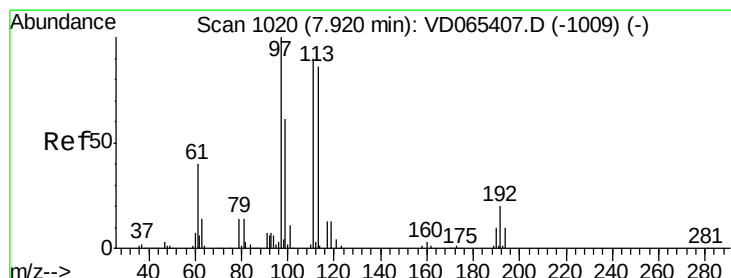
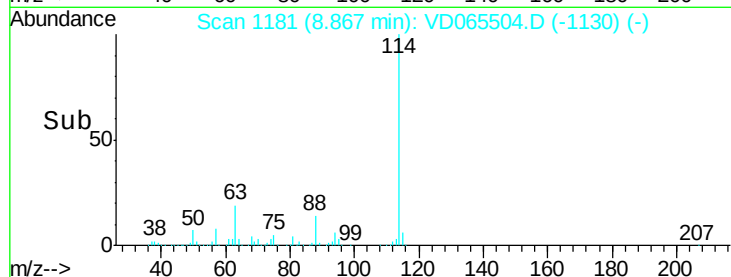
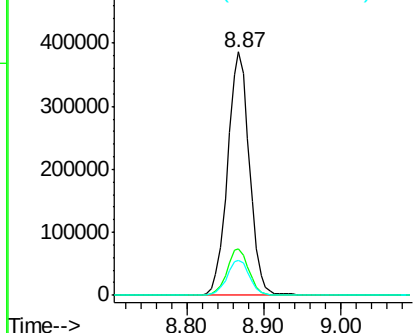
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065504.D
 Acq: 13 Mar 2020 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12002

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	14.5	0.0	30.4

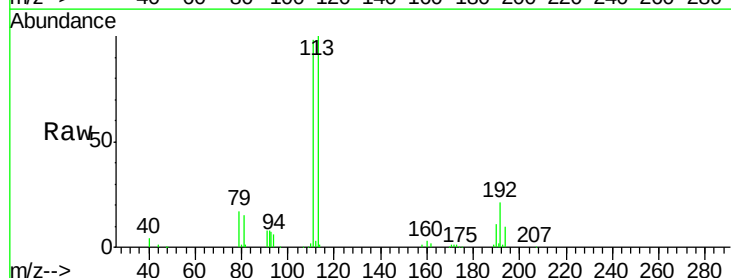


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

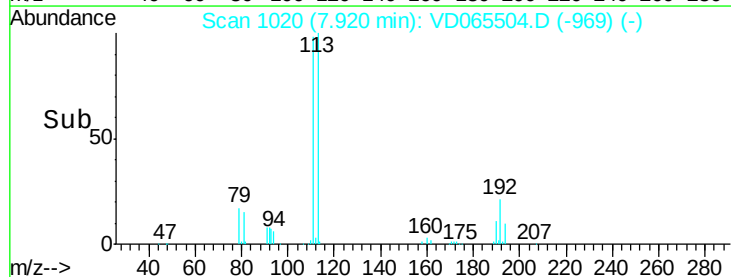
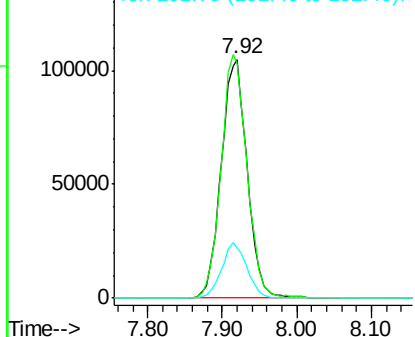


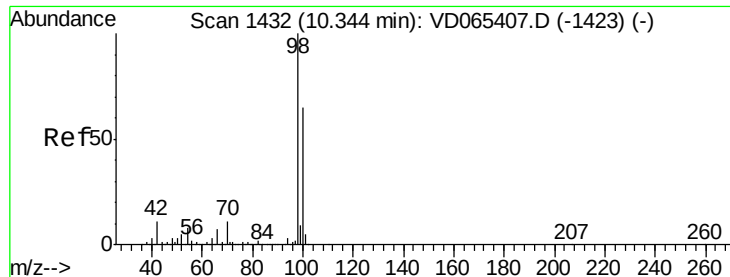
#35
 Dibromofluoromethane
 Concen: 53.629 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065504.D
 Acq: 13 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	22.4	17.2	25.8



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

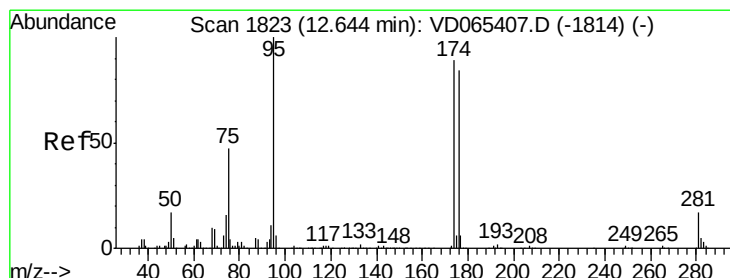
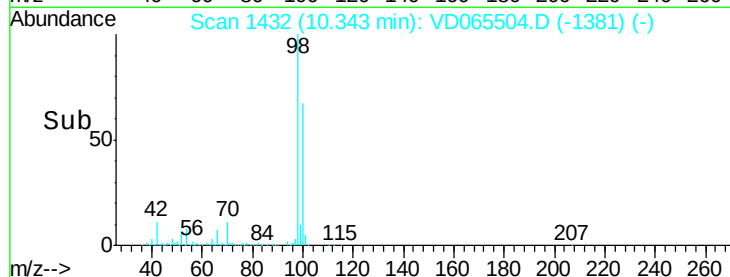
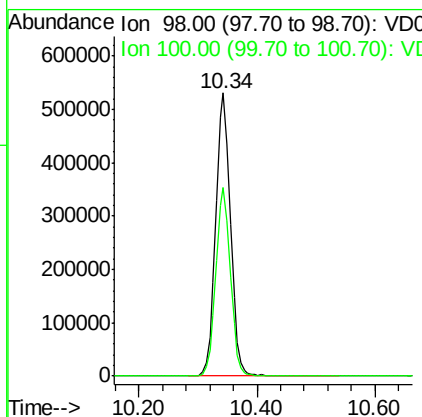
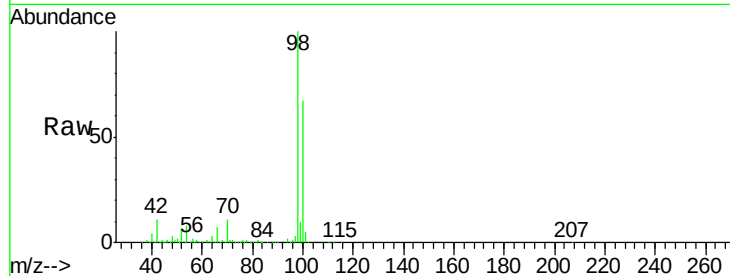




#50
Toluene-d8
Concen: 50.991 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065504.D
Acq: 13 Mar 2020 15:21

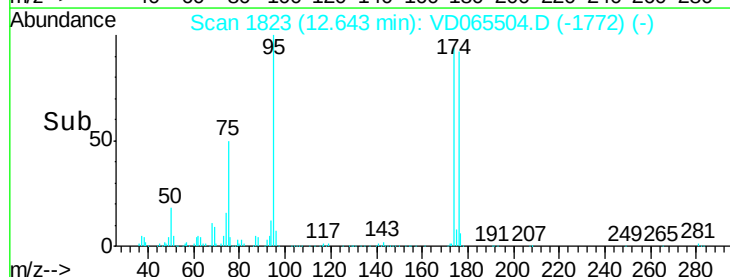
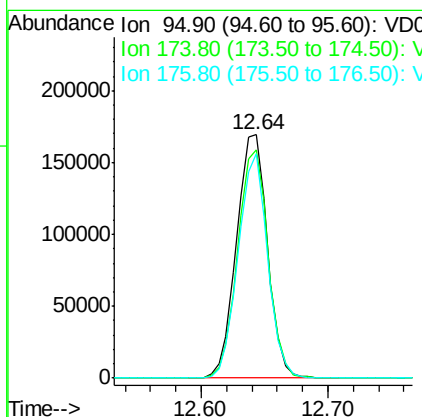
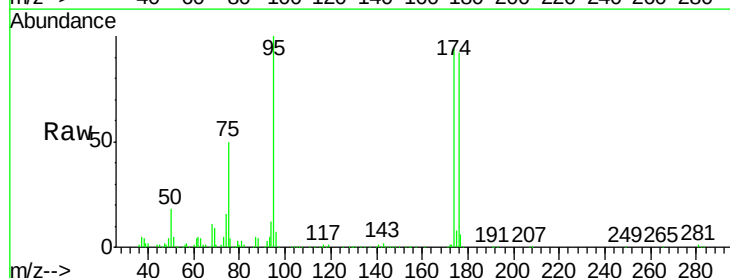
Instrument :
MSVOA_D
ClientSampleId :
72-12002

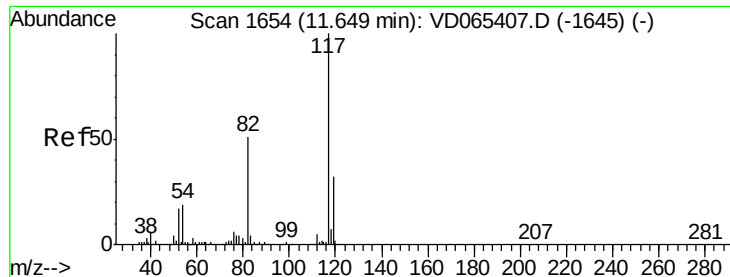
Tot Ion: 98 Resp: 927185
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.890 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VD065504.D
Acq: 13 Mar 2020 15:21

Tgt Ion: 95 Resp: 285665
Ion Ratio Lower Upper
95 100
174 92.8 0.0 176.8
176 87.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :

72-12002

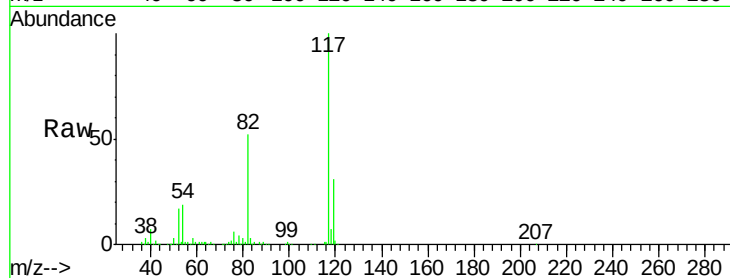
Tot Ion:117 Resp: 727440

Ion Ratio Lower Upper

117 100

82 51.8 40.6 60.8

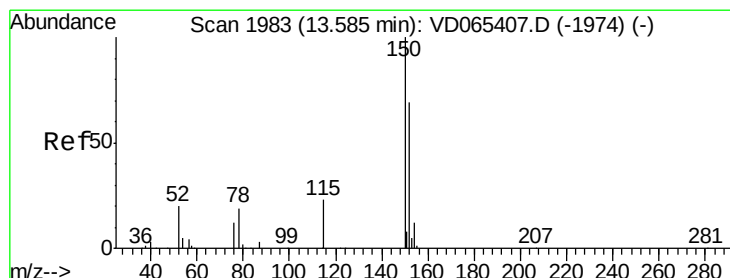
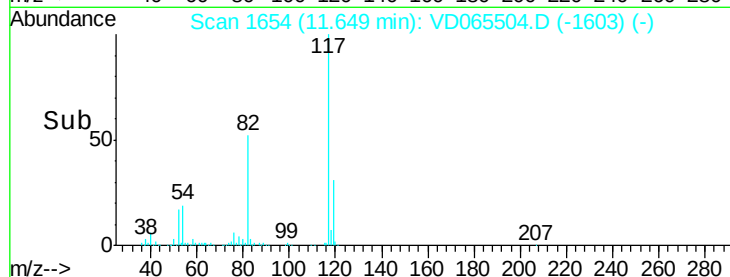
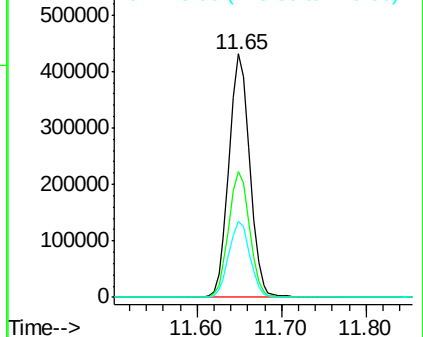
119 31.3 25.4 38.2



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: VD065504.D

Acq: 13 Mar 2020 15:21

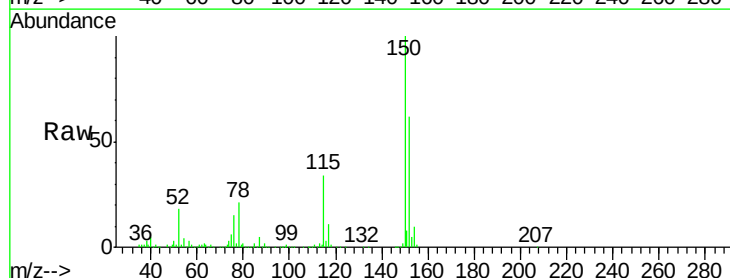
Tgt Ion:152 Resp: 337738

Ion Ratio Lower Upper

152 100

115 54.9 27.6 82.8

150 157.5 0.0 345.0



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

