

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065704.D
 Acq On : 07 May 2020 10:58
 Operator : VA/SY
 Sample : VD0507SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBL01

Quant Time: May 08 07:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	459310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	754712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	681758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	327910	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229151	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	7.92	113	236353	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.34	98	916005	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.64	95	311947	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

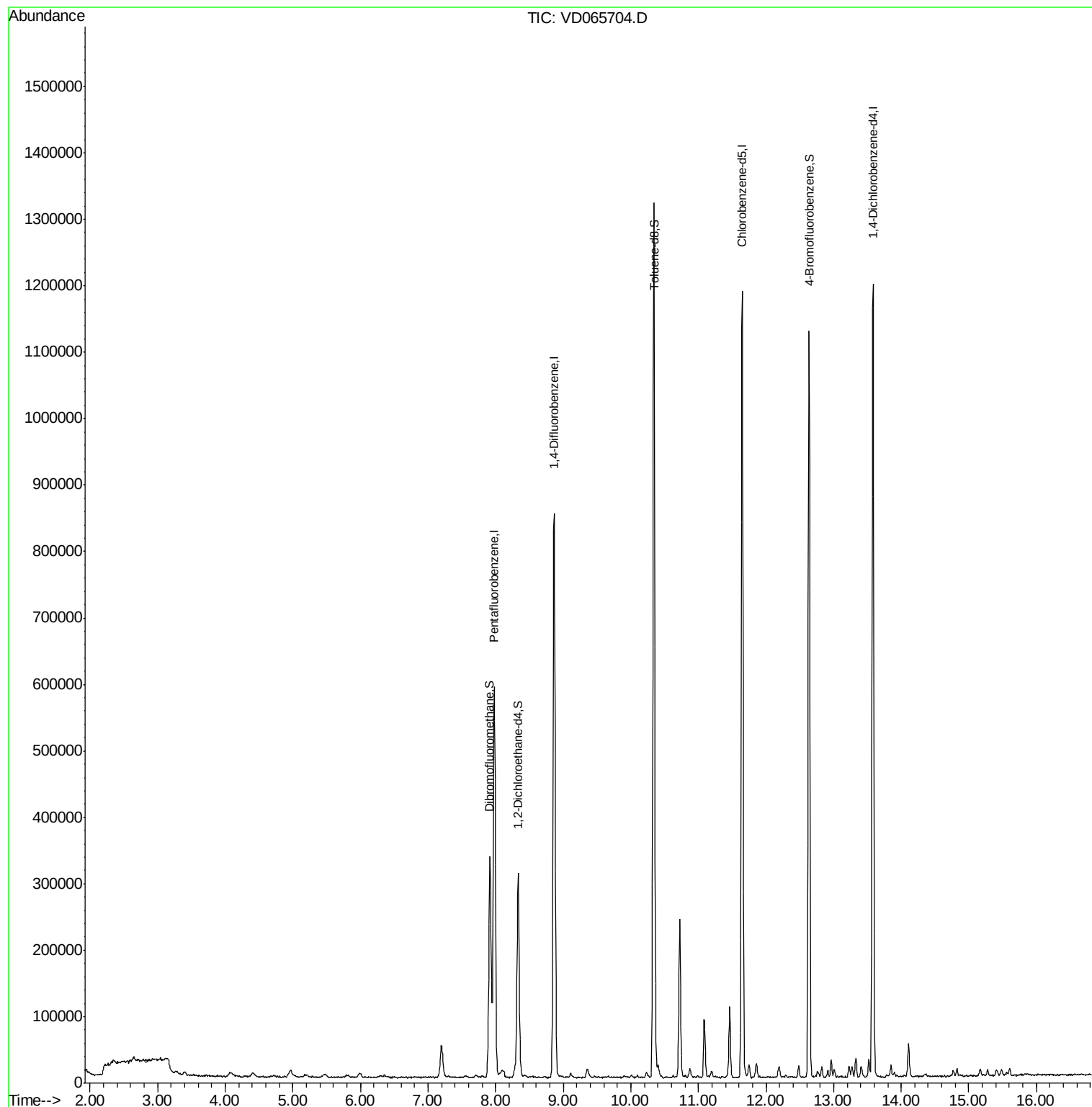
Target Compounds	Qvalue

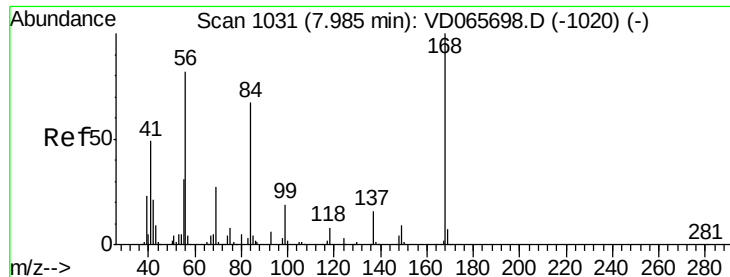
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 17:01:16 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065704.D

Acq: 07 May 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

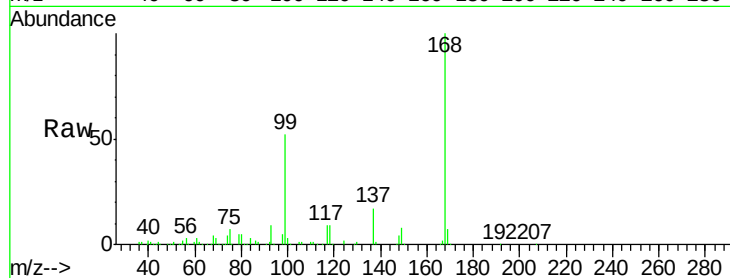
VD0507SBL01

Tot Ion:168 Resp: 459310

Ion Ratio Lower Upper

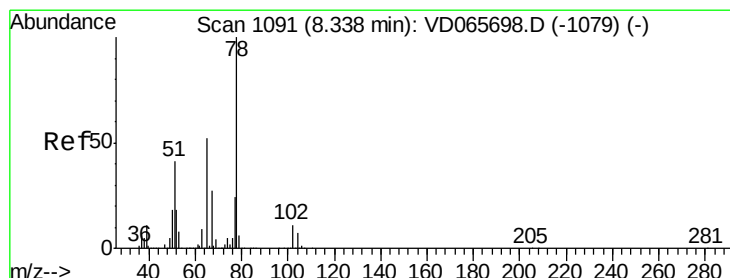
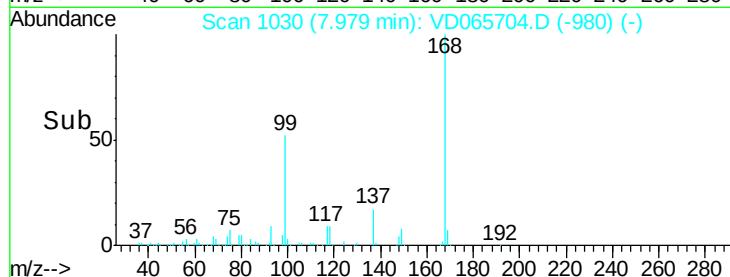
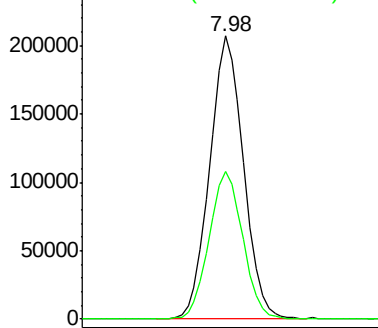
168 100

99 52.0 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.807 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065704.D

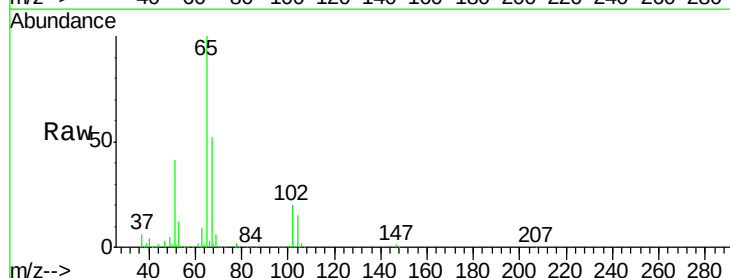
Acq: 07 May 2020 10:58

Tgt Ion: 65 Resp: 229151

Ion Ratio Lower Upper

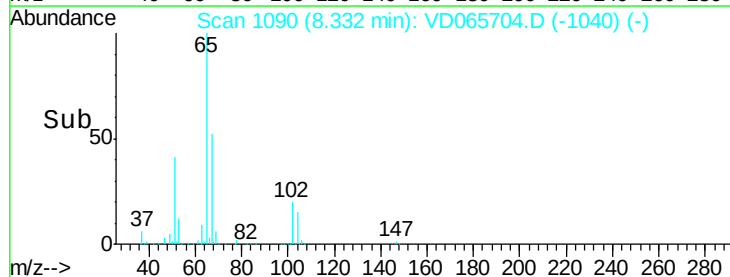
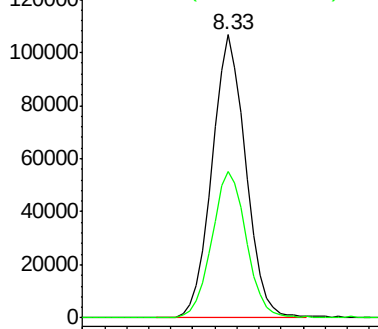
65 100

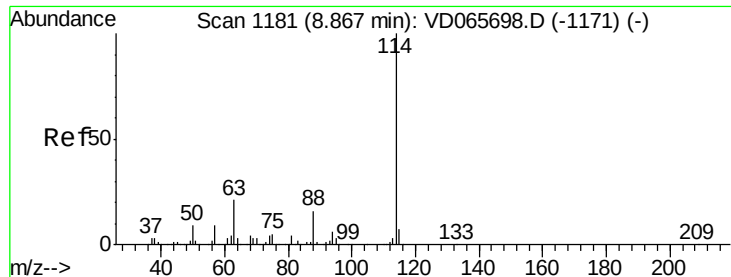
67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065704.D

Acq: 07 May 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBL01

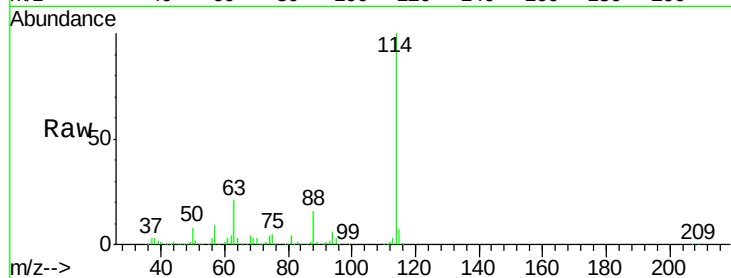
Tot Ion:114 Resp: 754712

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

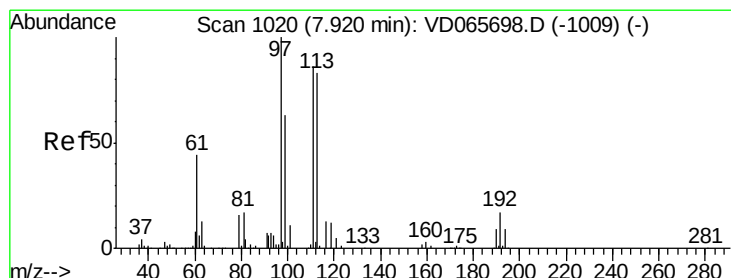
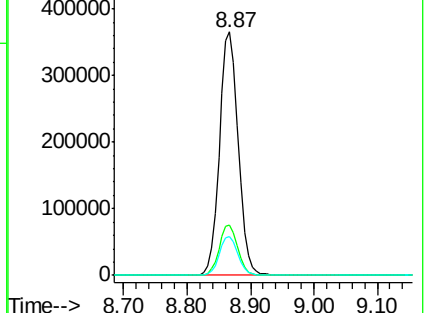
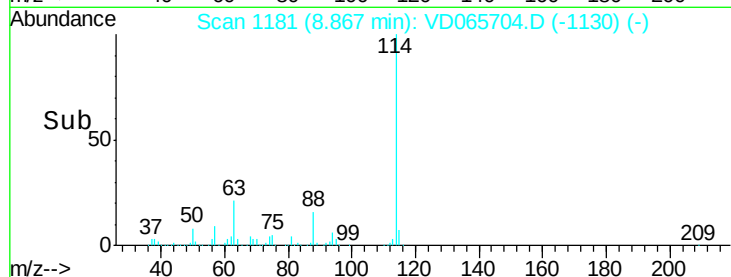
88 15.9 0.0 32.6



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: 50.108 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065704.D

Acq: 07 May 2020 10:58

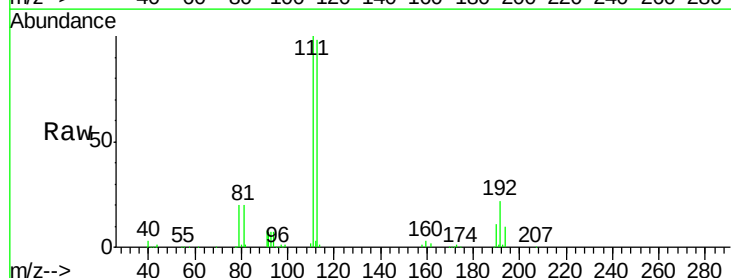
Tgt Ion:113 Resp: 236353

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

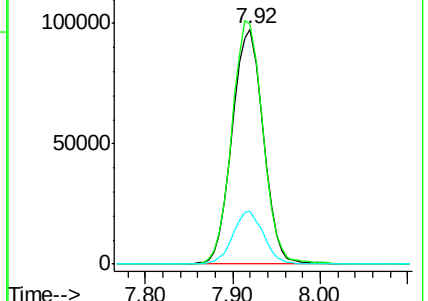
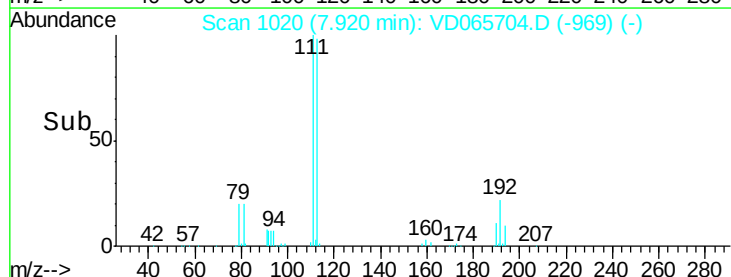
192 22.1 17.0 25.4

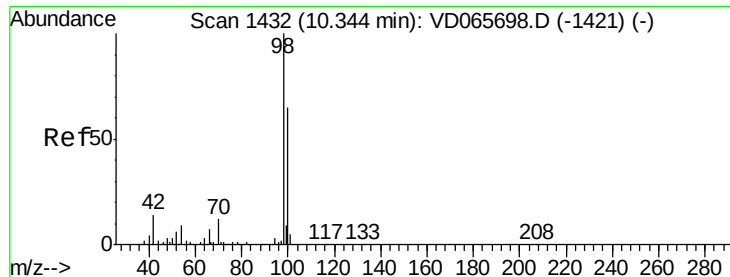


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.568 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065704.D

Acq: 07 May 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

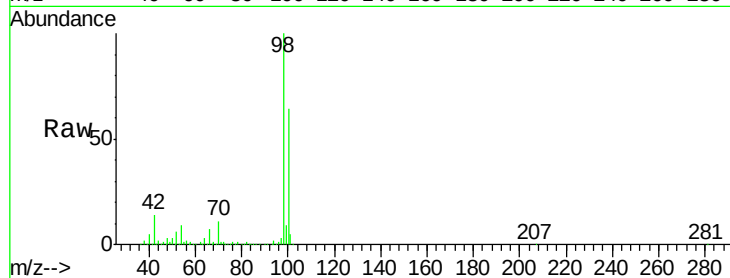
VD0507SBL01

Tot Ion: 98 Resp: 916005

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD065704.D (-1381) (-)

Ion 100.00 (99.70 to 100.70): VD065704.D (-1381) (-)

10.34

500000

400000

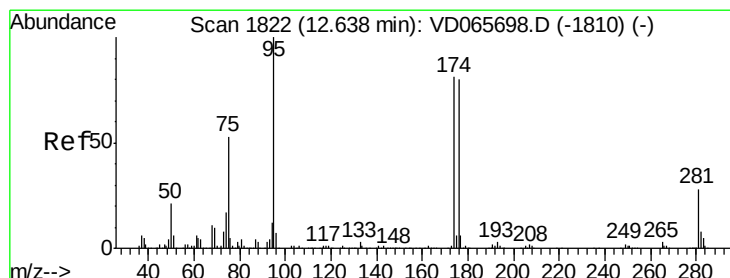
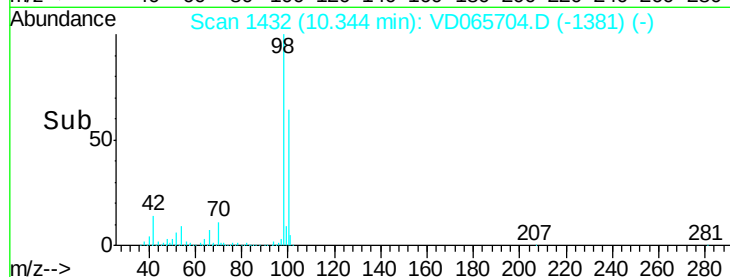
300000

200000

100000

0

Time--> 10.20 10.40



#62

4-Bromofluorobenzene

Concen: 48.578 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065704.D

Acq: 07 May 2020 10:58

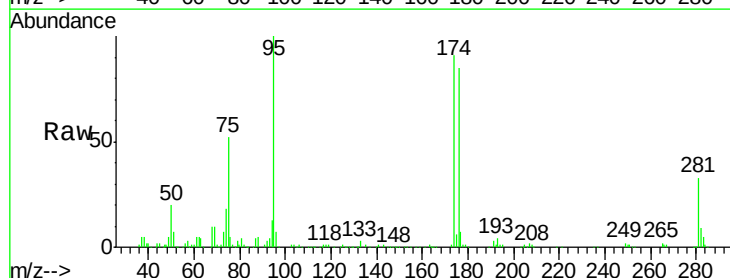
Tgt Ion: 95 Resp: 311947

Ion Ratio Lower Upper

95 100

174 87.0 0.0 162.6

176 83.7 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VD065704.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065704.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065704.D (-1771) (-)

12.64

250000

200000

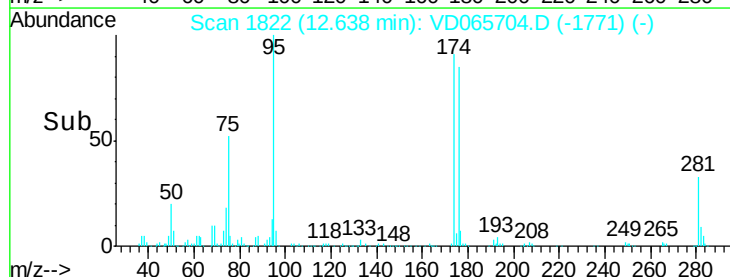
150000

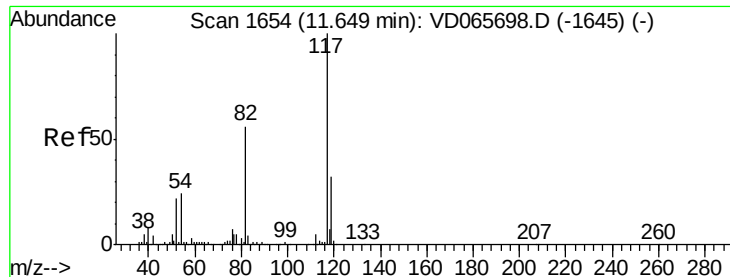
100000

50000

0

Time--> 12.60 12.70

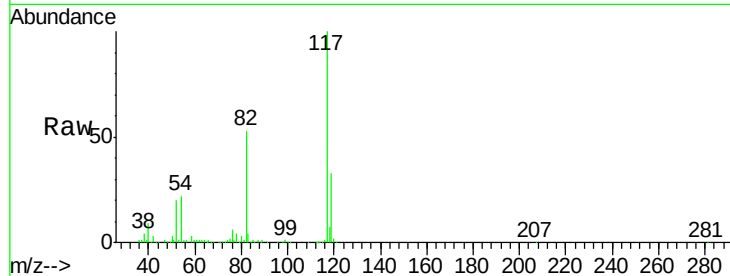




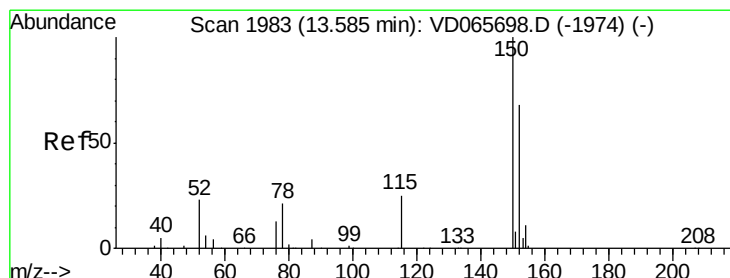
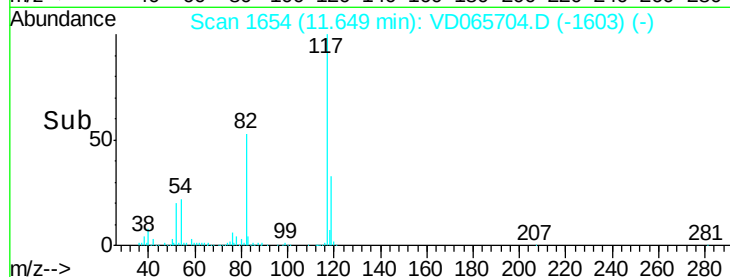
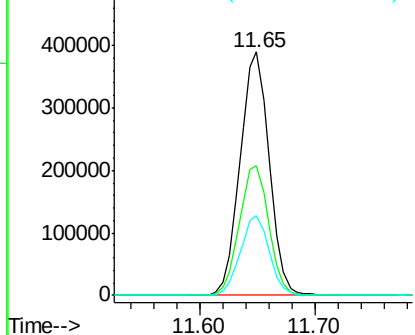
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tot Ion:117 Resp: 681758
Ion Ratio Lower Upper
117 100
82 53.5 44.9 67.3
119 33.0 25.4 38.2

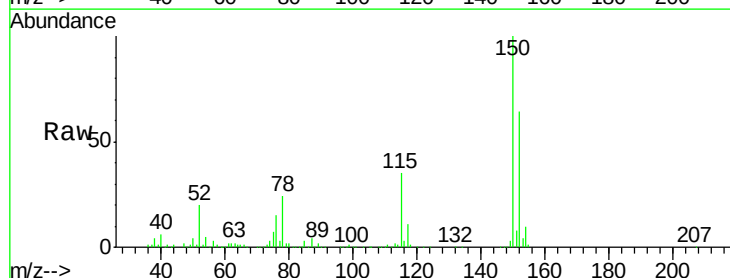


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion:152 Resp: 327910
Ion Ratio Lower Upper
152 100
115 56.9 29.5 88.5
150 158.1 0.0 346.8



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

