

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065710.D
 Acq On : 07 May 2020 13:51
 Operator : VA/SY
 Sample : L2531-01
 Misc : 4.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-(1-2)

Quant Time: May 08 07:40:39 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	434330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	715687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	634719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295105	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	206642	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
35) Dibromofluoromethane	7.92	113	220742	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.34	98	858343	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.64	95	283957	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

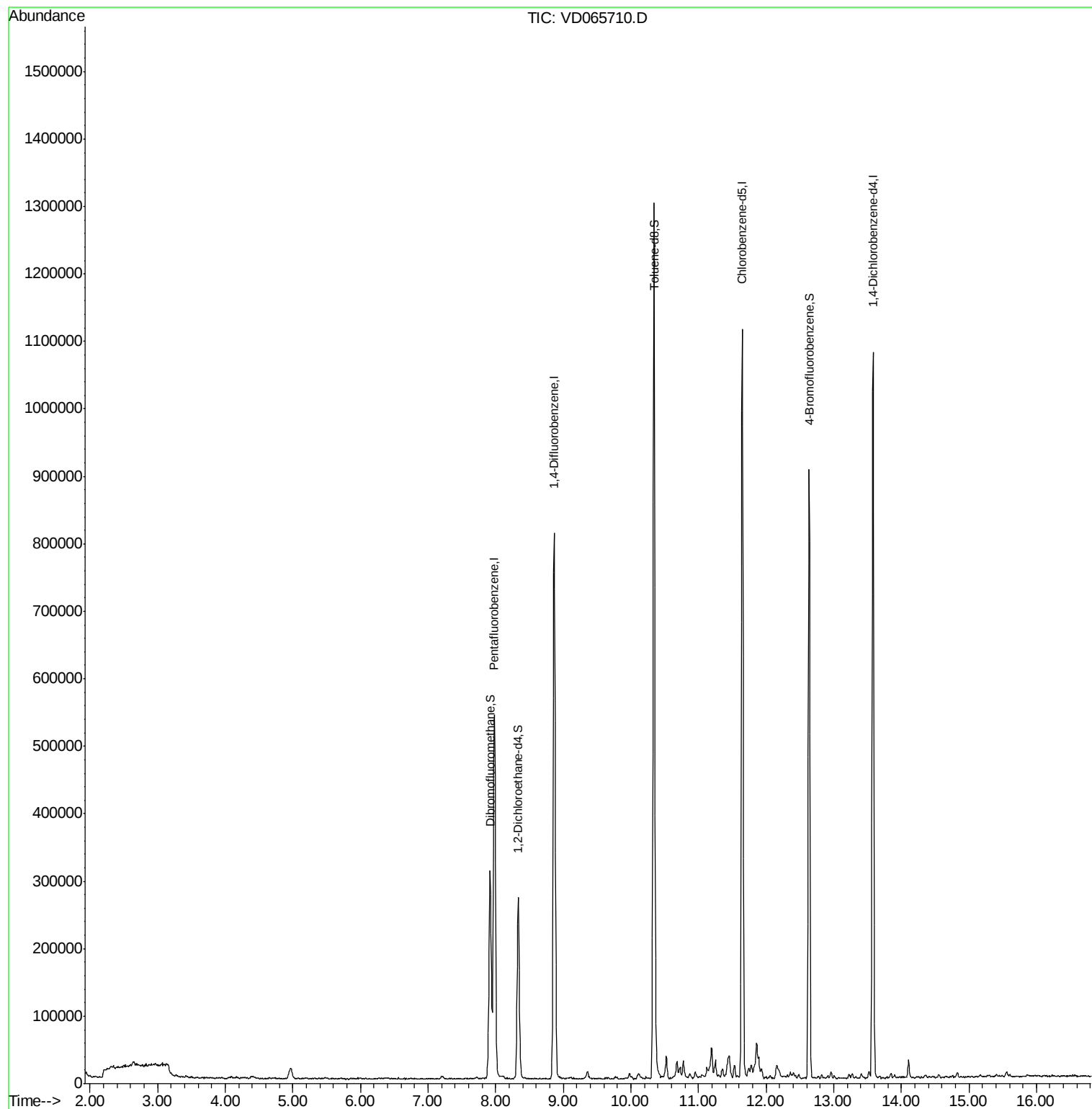
Target Compounds	Qvalue

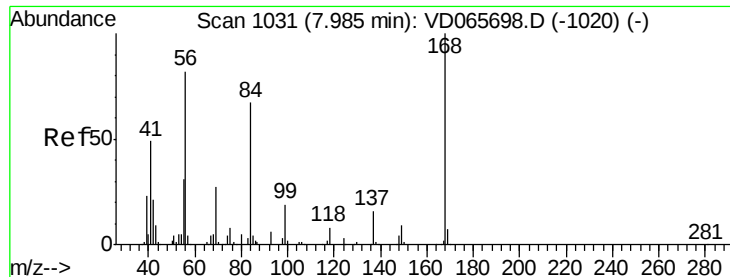
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

Instrument :

MSVOA_D

ClientSampleId :

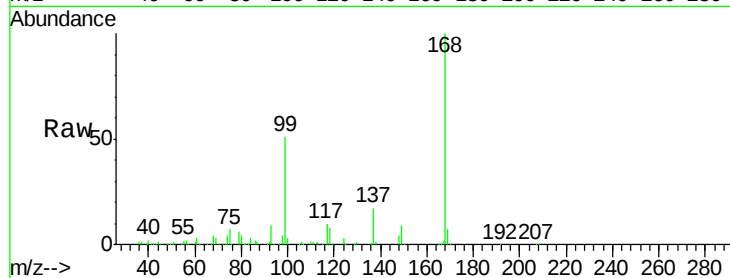
TP-14-(1-2)

Tot Ion:168 Resp: 434330

Ion Ratio Lower Upper

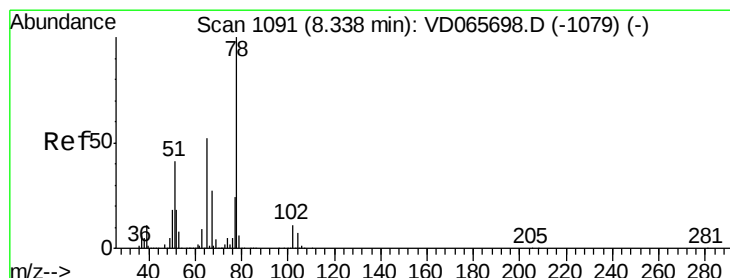
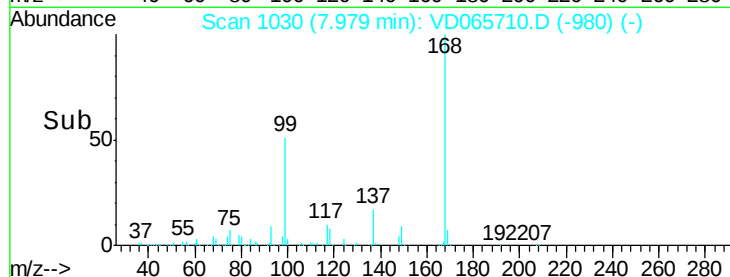
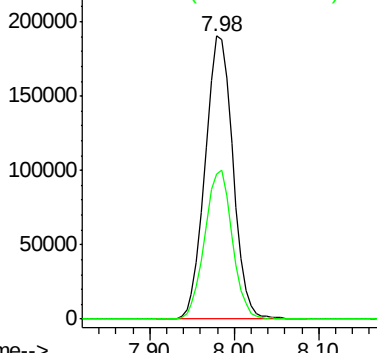
168 100

99 51.0 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: 47.498 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065710.D

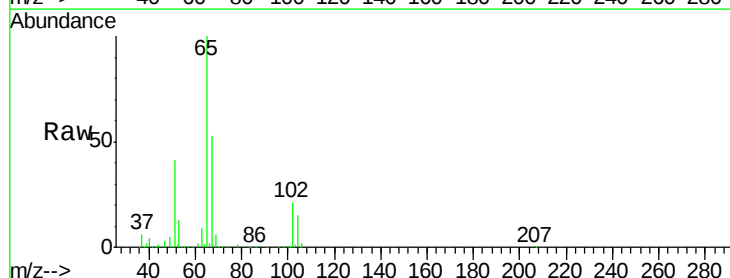
Acq: 07 May 2020 13:51

Tgt Ion: 65 Resp: 206642

Ion Ratio Lower Upper

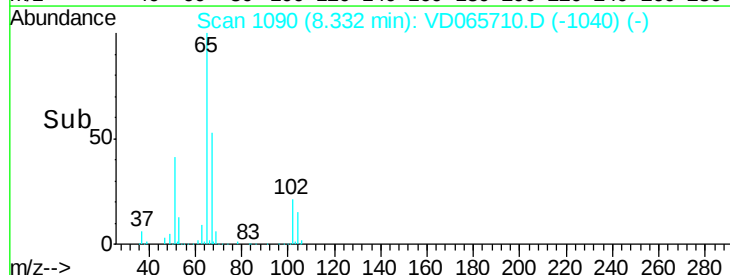
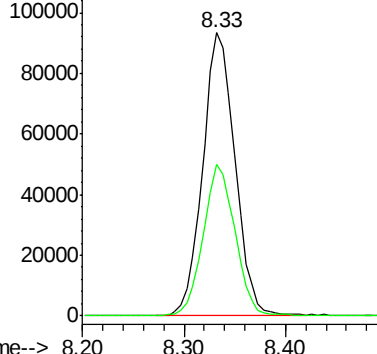
65 100

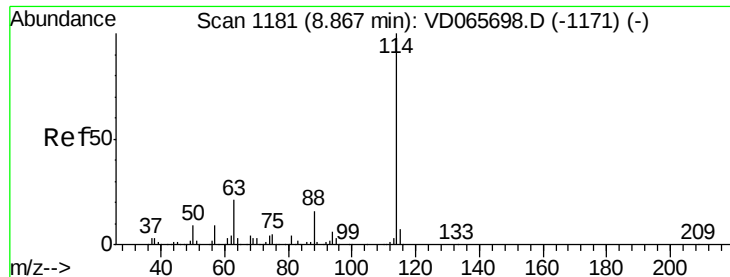
67 52.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

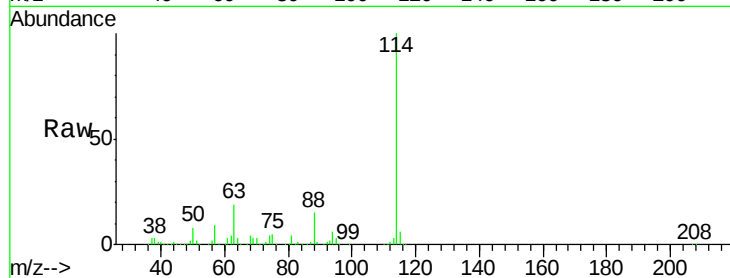




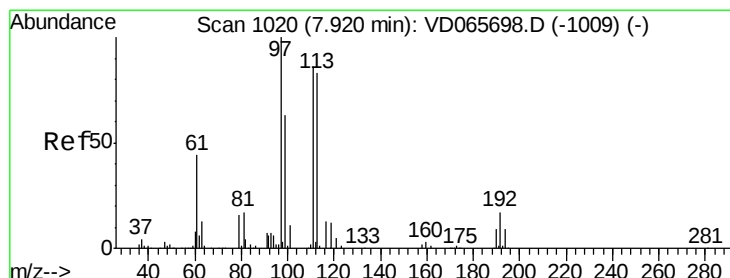
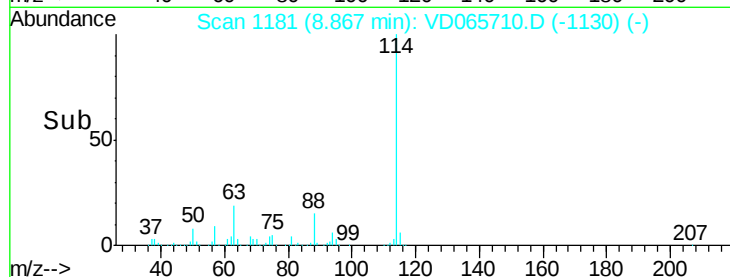
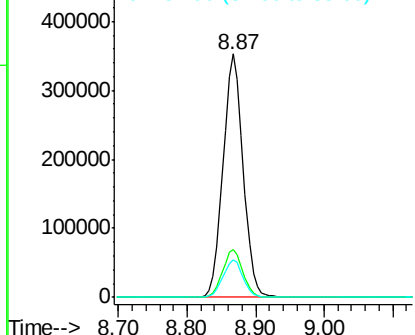
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065710.D
 Acq: 07 May 2020 13:51

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-(1-2)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.4
88	15.3	0.0	32.6

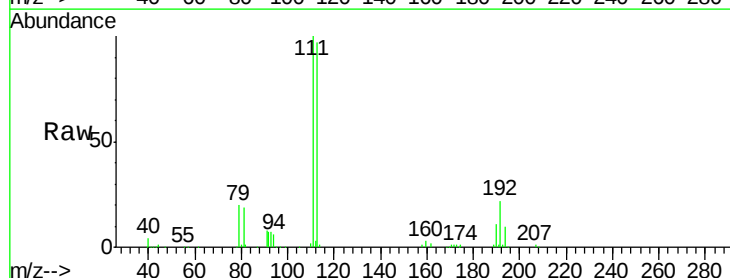


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

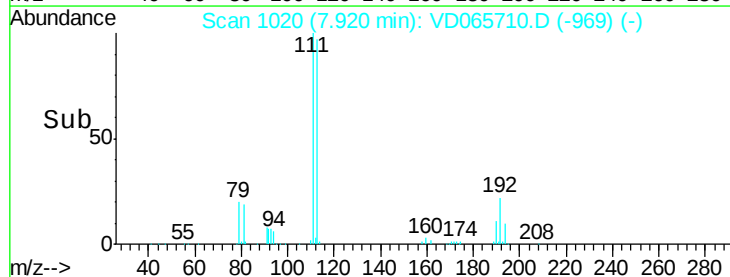
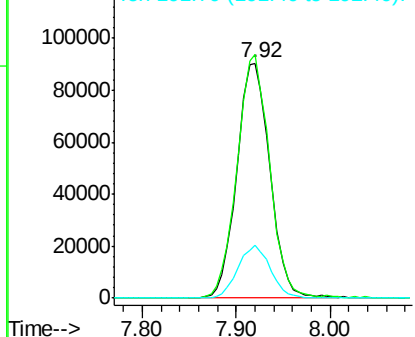


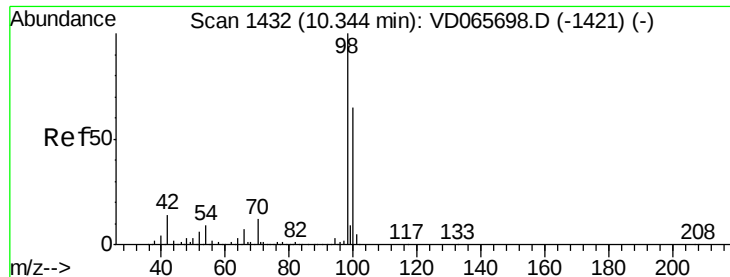
#35
 Dibromofluoromethane
 Concen: 49.350 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065710.D
 Acq: 07 May 2020 13:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	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: 49.969 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

Instrument :

MSVOA_D

ClientSampleId :

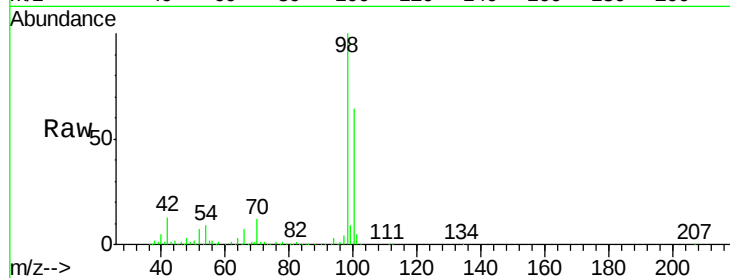
TP-14-(1-2)

Tot Ion: 98 Resp: 858343

Ion Ratio Lower Upper

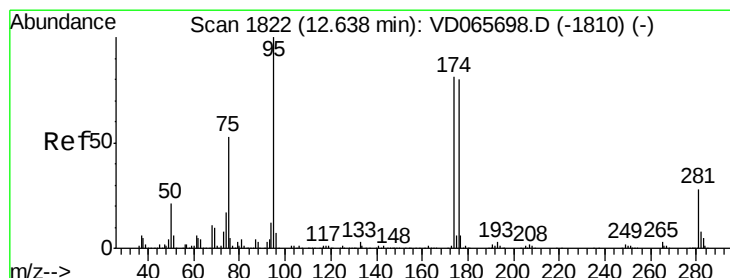
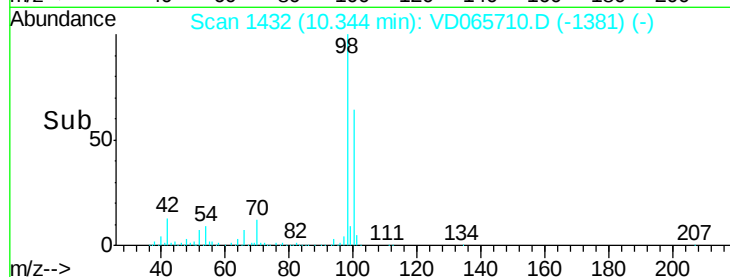
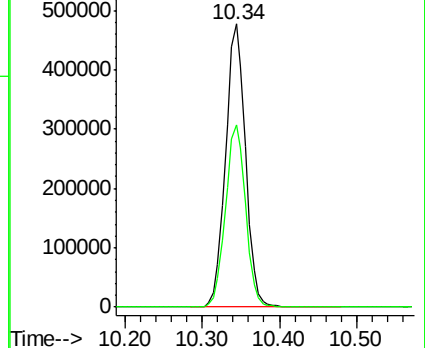
98 100

100 64.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 46.630 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

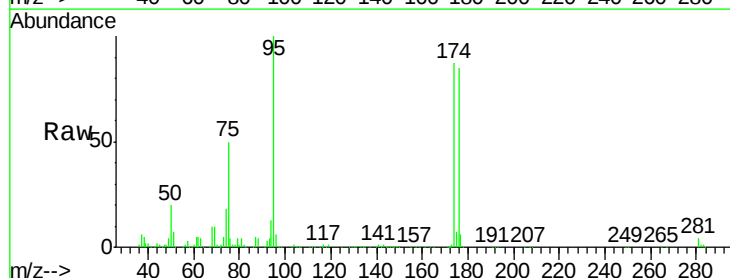
Tgt Ion: 95 Resp: 283957

Ion Ratio Lower Upper

95 100

174 87.4 0.0 162.6

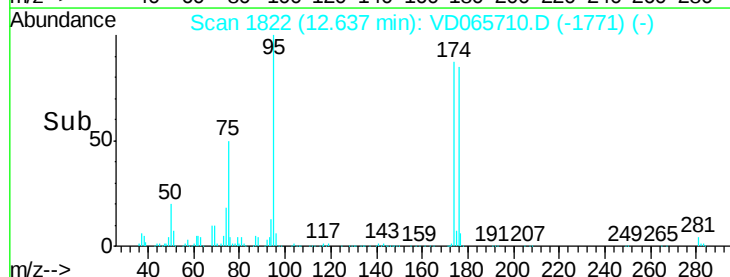
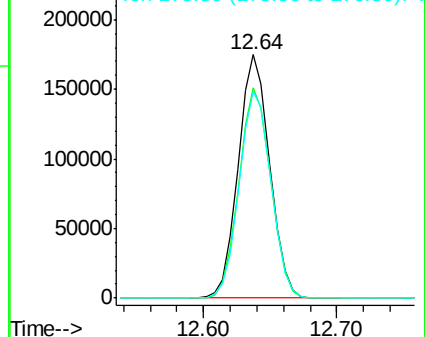
176 85.8 0.0 159.0

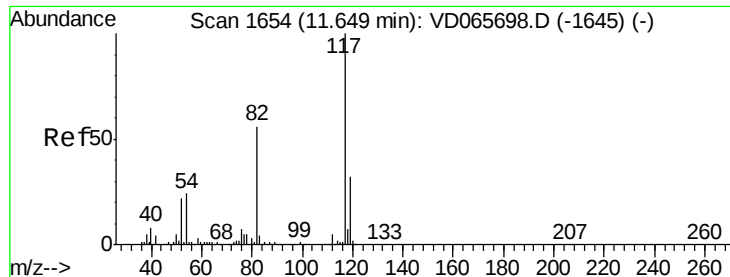


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

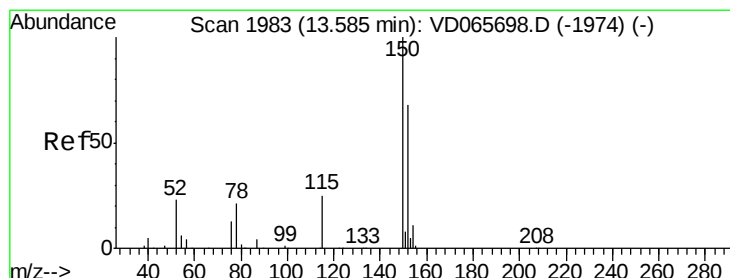
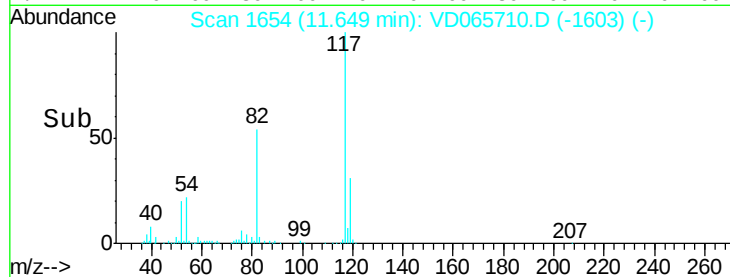
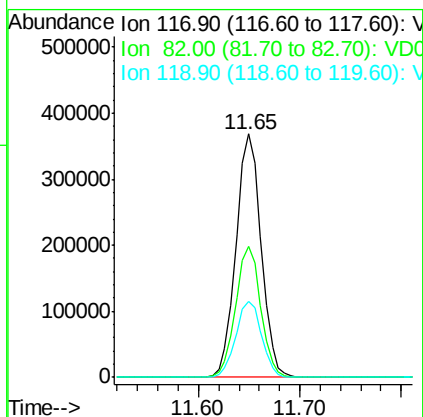
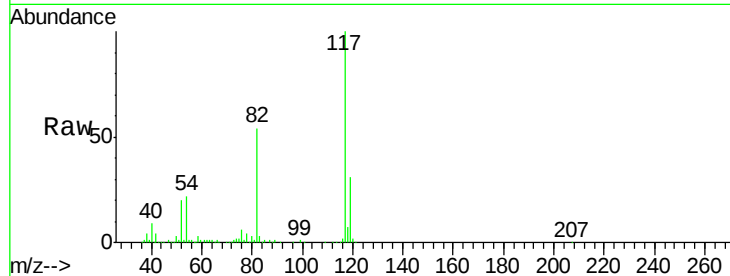




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

Instrument :
MSVOA_D
ClientSampleId :
TP-14-(1-2)

Tot Ion:117 Resp: 634719
Ion Ratio Lower Upper
117 100
82 54.0 44.9 67.3
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

Tgt Ion:152 Resp: 295105
Ion Ratio Lower Upper
152 100
115 55.8 29.5 88.5
150 157.1 0.0 346.8

