

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060820\
 Data File : VD065782.D
 Acq On : 08 Jun 2020 15:58
 Operator : VA/SY
 Sample : L2939-02RE
 Misc : 6.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2020-06-02-FD02RE

Quant Time: Jun 09 07:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	160364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	282658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	209075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	60292	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	111785	70.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.08%	
35) Dibromofluoromethane	7.92	113	102265	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
50) Toluene-d8	10.34	98	329668	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.64	95	75497	33.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.88%	

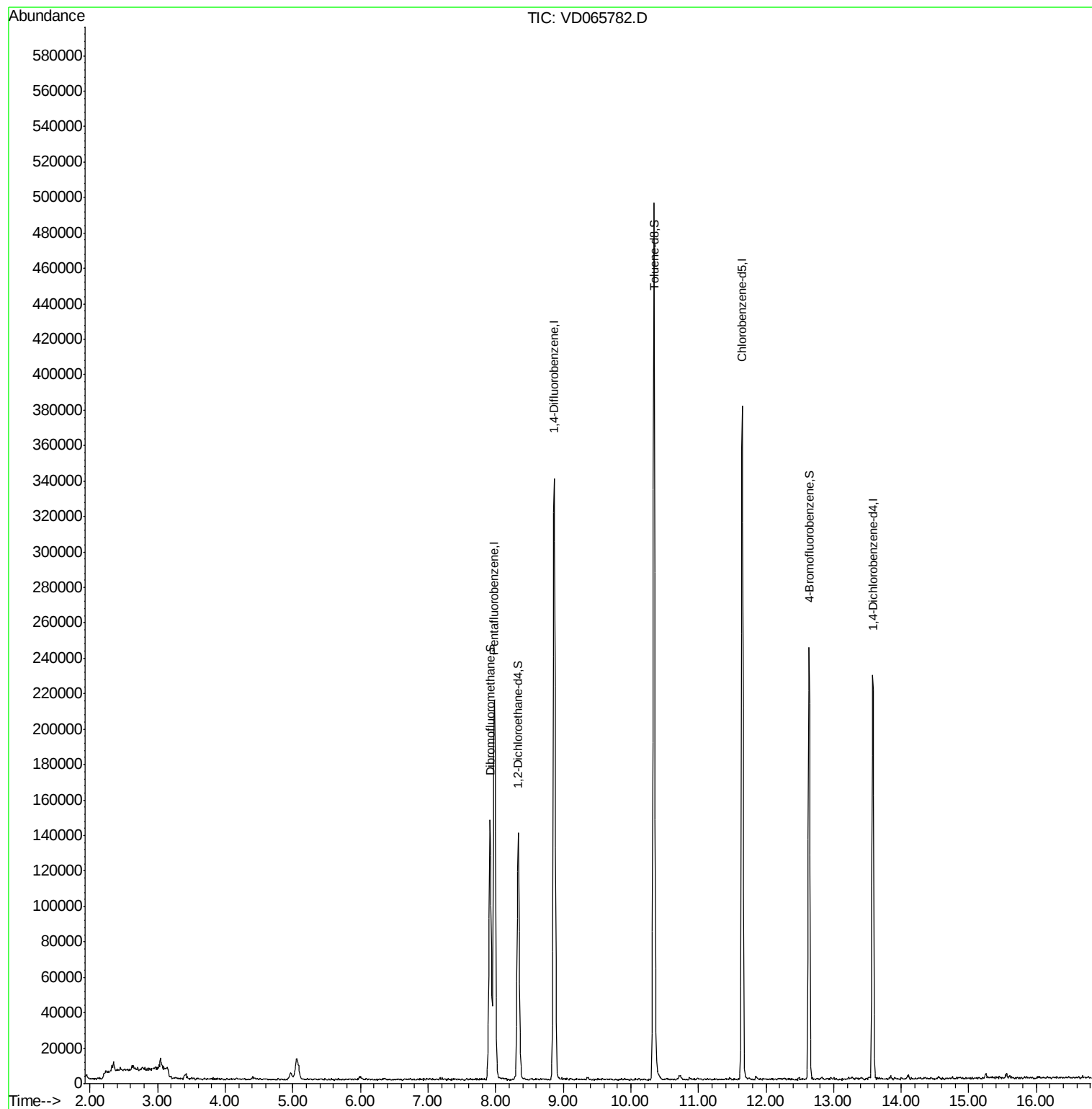
Target Compounds	Qvalue
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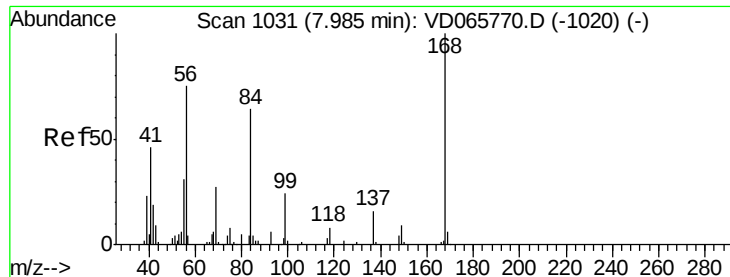
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

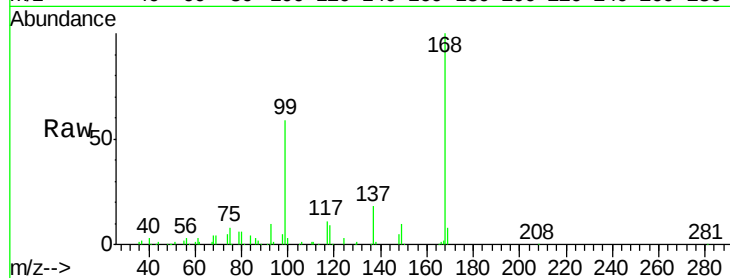
2020-06-02-FD02RE

Tgt Ion:168 Resp: 160364

Ion Ratio Lower Upper

168 100

99 59.4 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

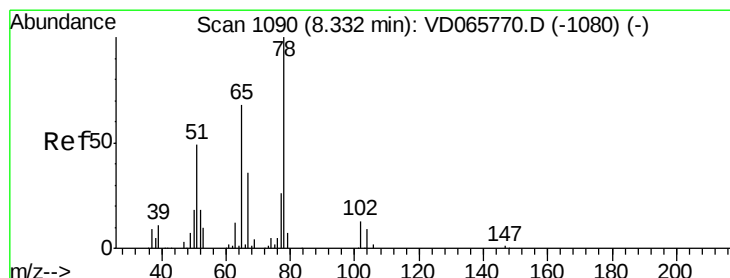
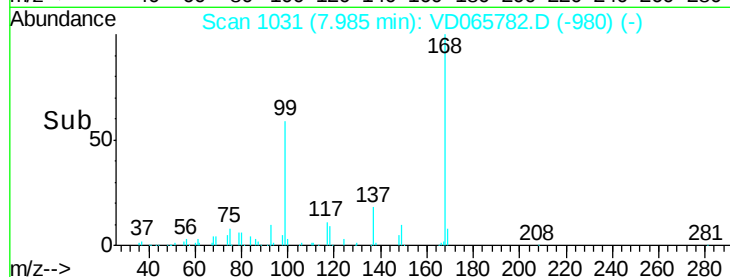
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 70.54 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065782.D

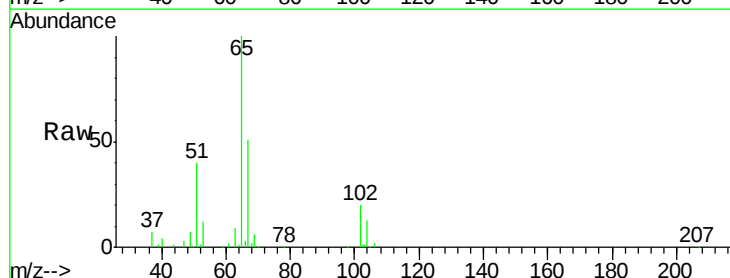
Acq: 08 Jun 2020 15:58

Tgt Ion: 65 Resp: 111785

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

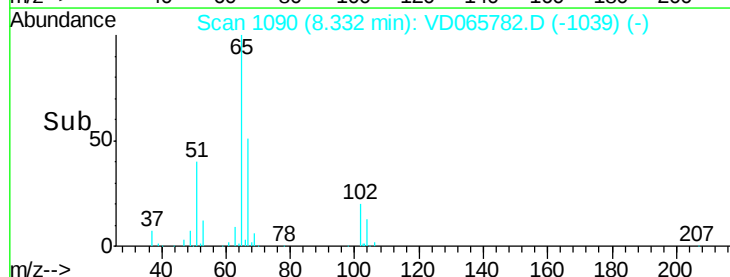
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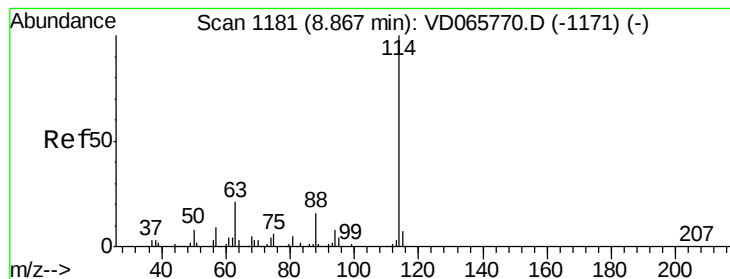
10000

0

8.25 8.30 8.35 8.40 8.45

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

2020-06-02-FD02RE

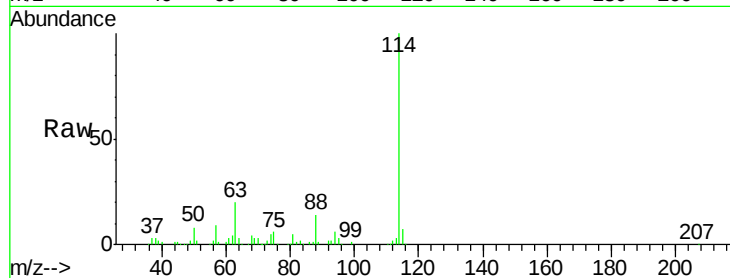
Tgt Ion:114 Resp: 282658

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

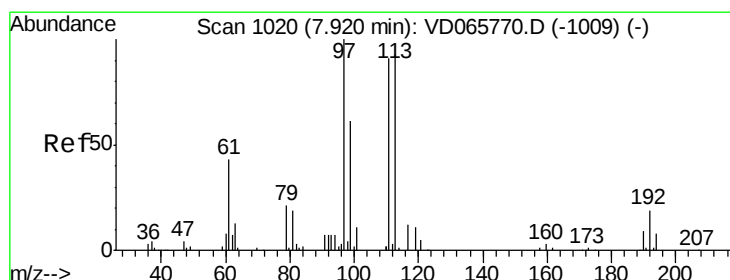
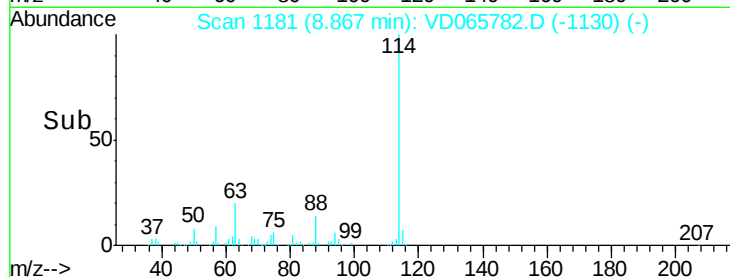
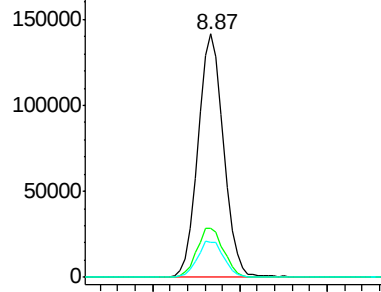
88 14.2 0.0 32.0



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: 57.28 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

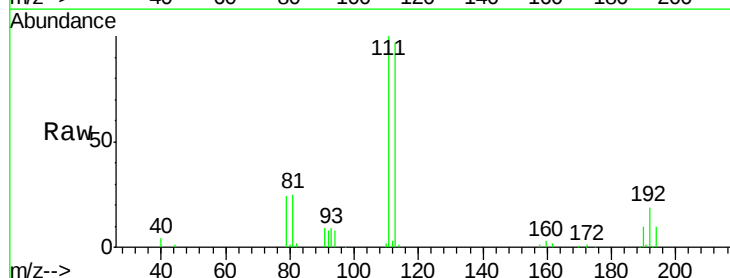
Tgt Ion:113 Resp: 102265

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

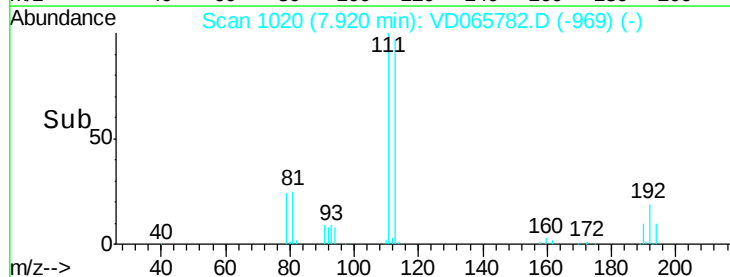
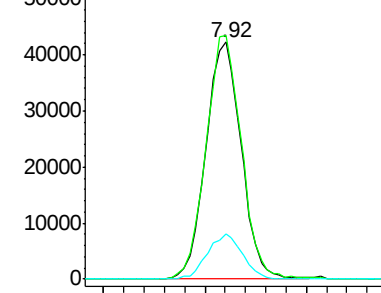
192 18.8 15.7 23.5

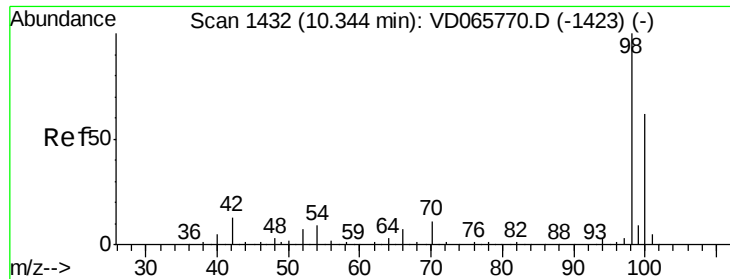


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.52 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

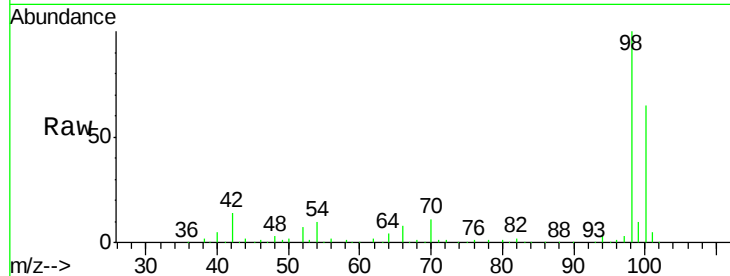
2020-06-02-FD02RE

Tgt Ion: 98 Resp: 329668

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

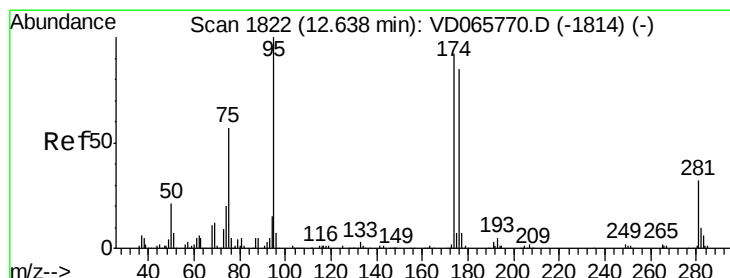
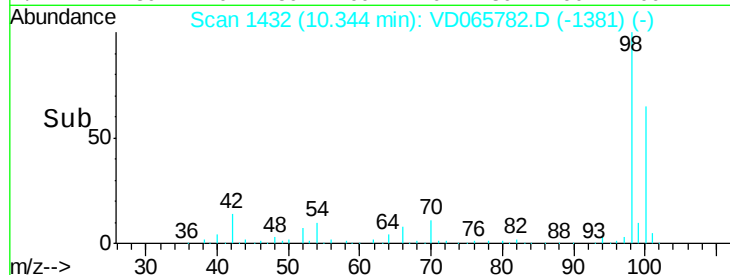
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.44 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

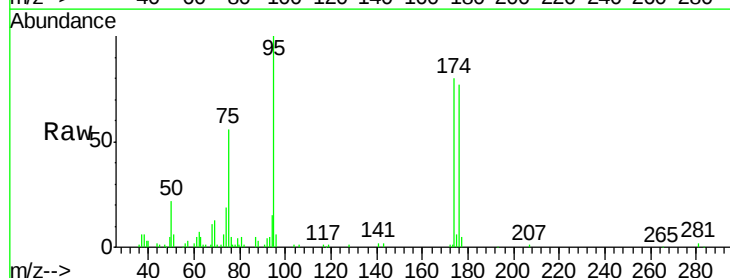
Tgt Ion: 95 Resp: 75497

Ion Ratio Lower Upper

95 100

174 81.1 0.0 175.2

176 79.3 0.0 163.0



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

12.64

60000

50000

40000

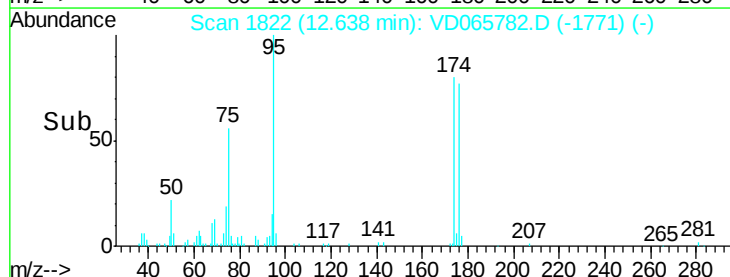
30000

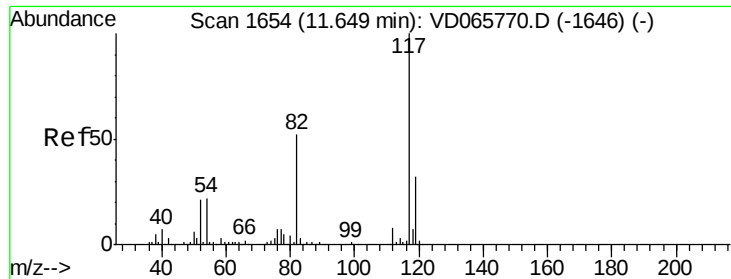
20000

10000

0

Time-->

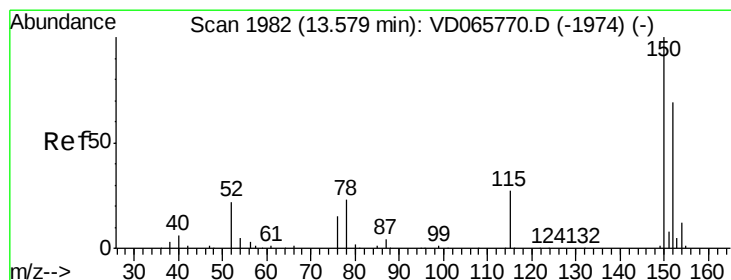
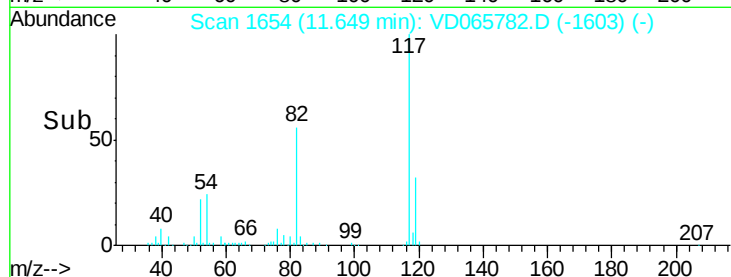
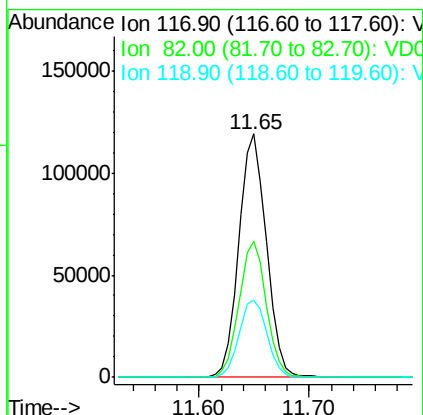
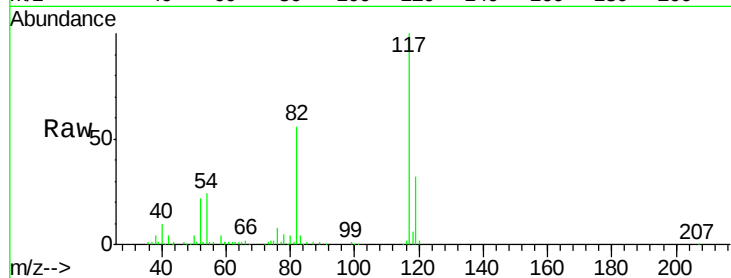




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
2020-06-02-FD02RE

Tgt Ion:117 Resp: 209075
Ion Ratio Lower Upper
117 100
82 56.0 41.9 62.9
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Tgt Ion:152 Resp: 60292
Ion Ratio Lower Upper
152 100
115 58.9 28.7 86.1
150 157.7 0.0 348.0

