

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065844.D
 Acq On : 22 Jun 2020 15:01
 Operator : VA/SY
 Sample : VD0622SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBL01

Quant Time: Jun 23 07:01:44 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	163138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	285277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	258722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	114780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	95996	59.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.10%	
35) Dibromofluoromethane	7.91	113	93719	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.34	98	338469	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.64	95	109867	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

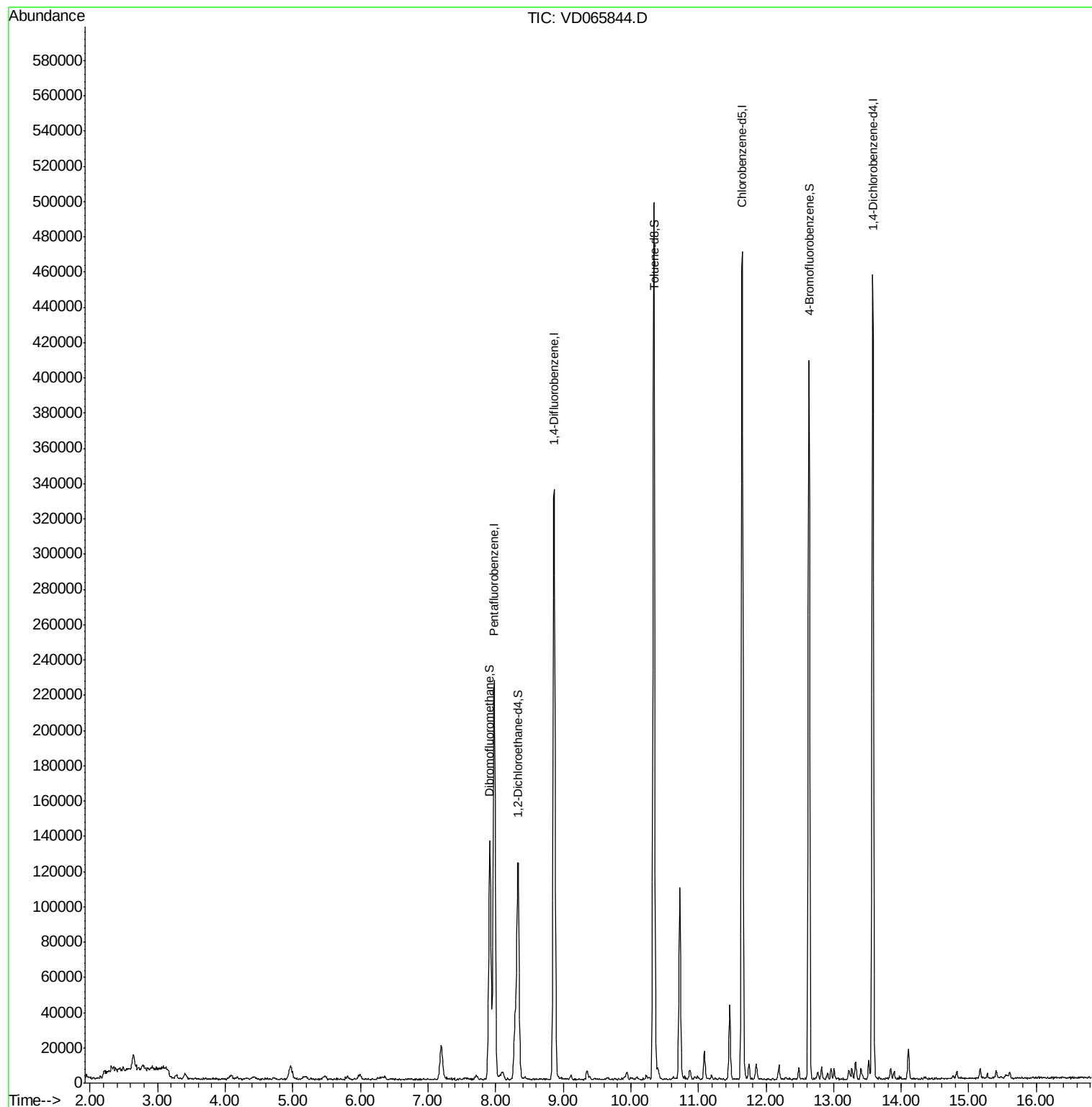
Target Compounds	Qvalue

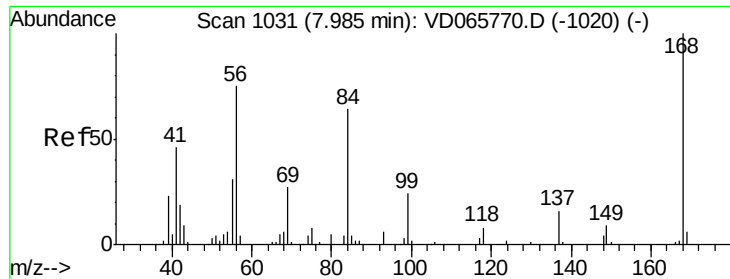
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 13:07:30 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: VD065844.D

Acq: 22 Jun 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

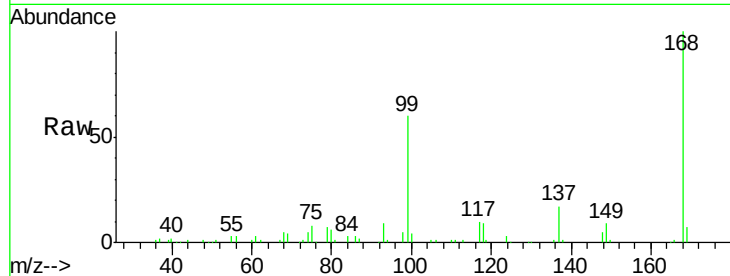
VD0622SBL01

Tot Ion:168 Resp: 163138

Ion Ratio Lower Upper

168 100

99 59.9 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

80000

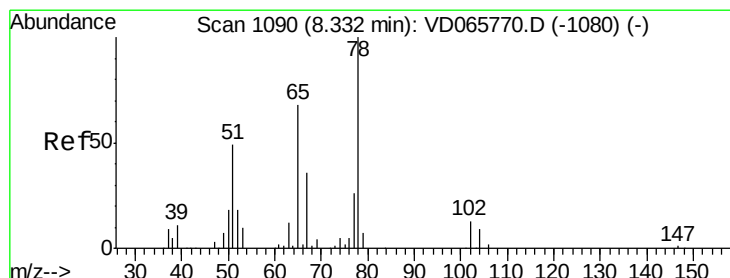
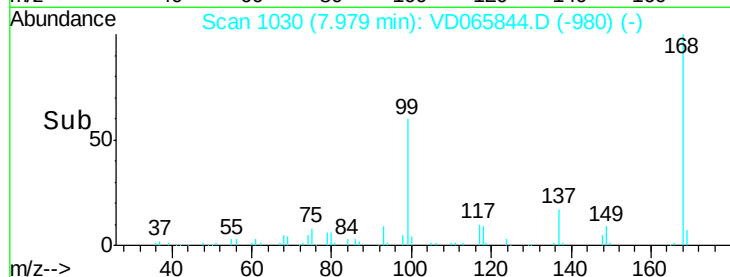
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.550 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065844.D

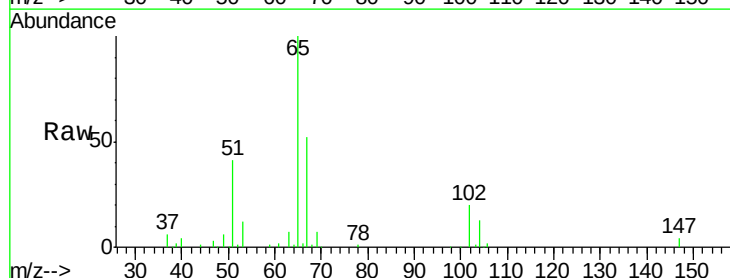
Acq: 22 Jun 2020 15:01

Tgt Ion: 65 Resp: 95996

Ion Ratio Lower Upper

65 100

67 51.3 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

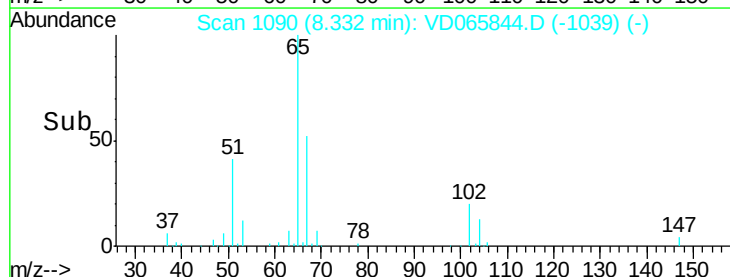
30000

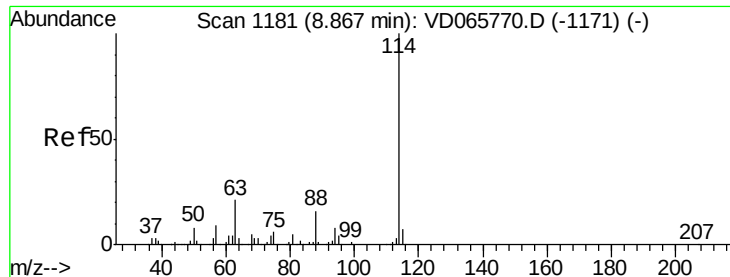
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065844.D

Acq: 22 Jun 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBL01

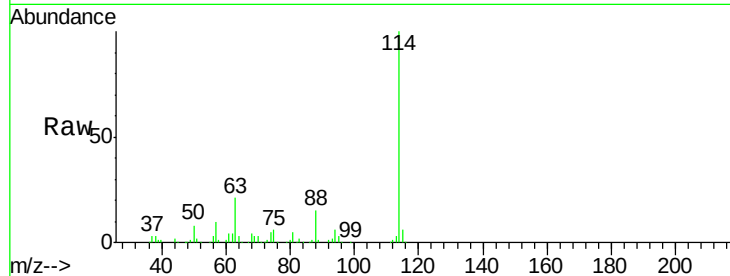
Tot Ion:114 Resp: 285277

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

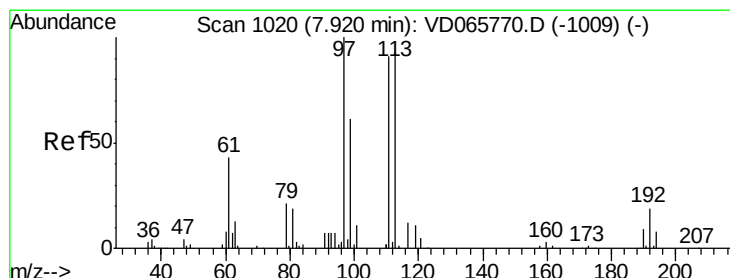
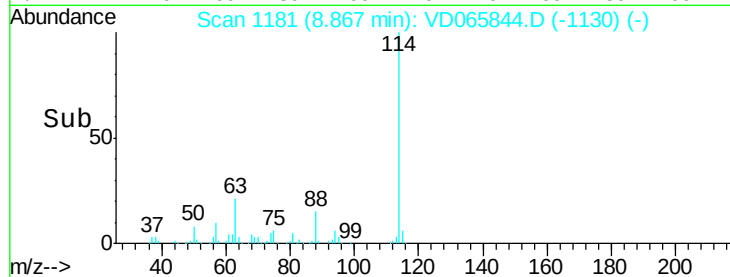
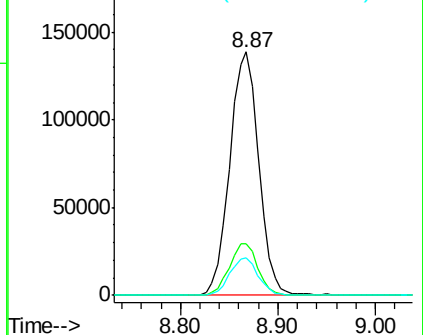
88 15.5 0.0 32.0



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: 52.009 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065844.D

Acq: 22 Jun 2020 15:01

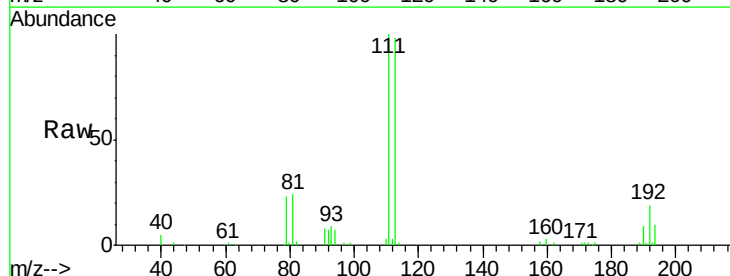
Tgt Ion:113 Resp: 93719

Ion Ratio Lower Upper

113 100

111 105.0 83.4 125.0

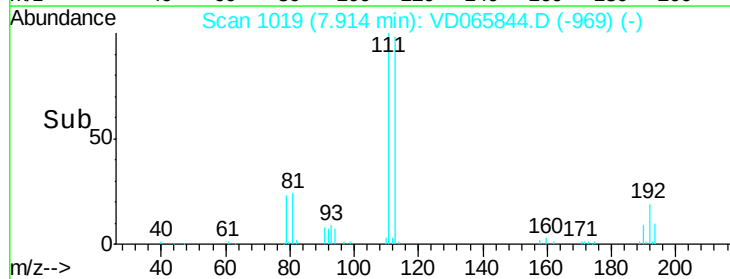
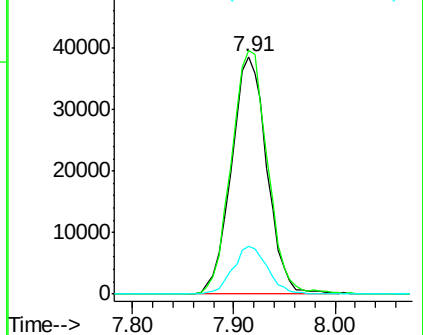
192 19.4 15.7 23.5

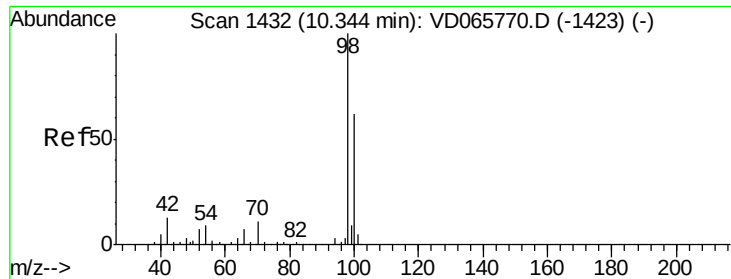


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.372 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065844.D

Acq: 22 Jun 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

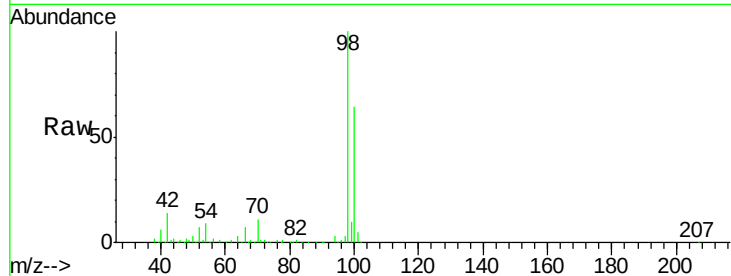
VD0622SBL01

Tot Ion: 98 Resp: 338469

Ion Ratio Lower Upper

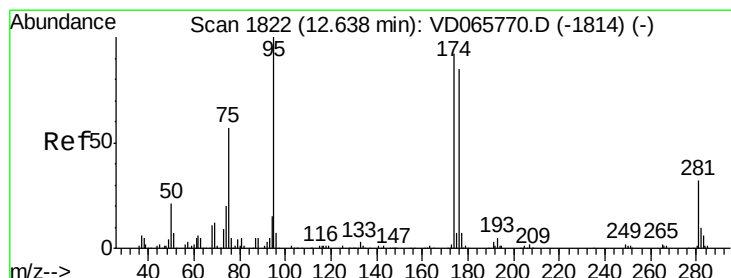
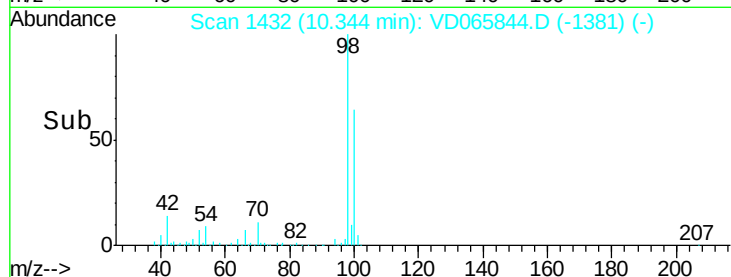
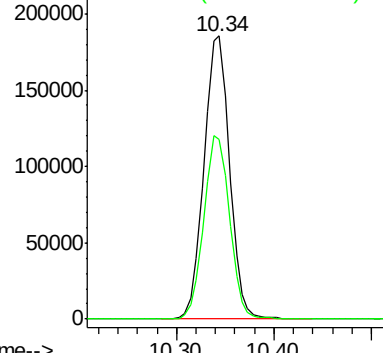
98 100

100 65.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 48.213 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065844.D

Acq: 22 Jun 2020 15:01

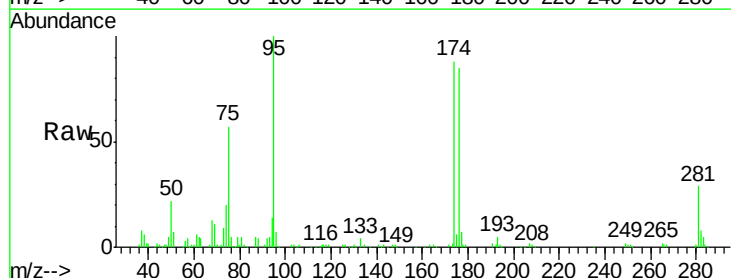
Tgt Ion: 95 Resp: 109867

Ion Ratio Lower Upper

95 100

174 81.8 0.0 175.2

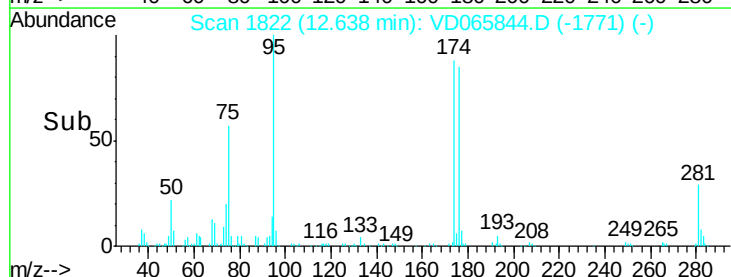
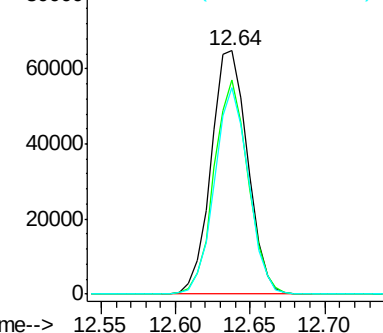
176 78.4 0.0 163.0

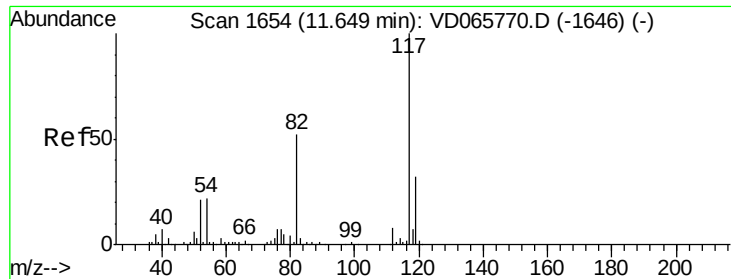


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

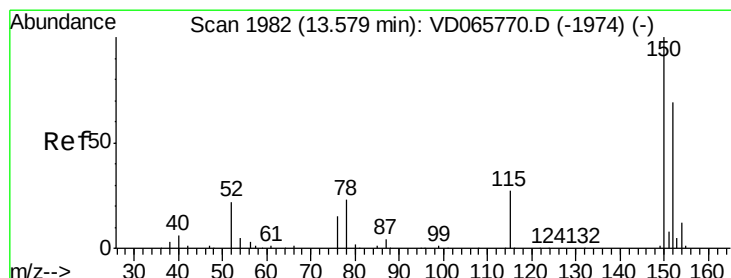
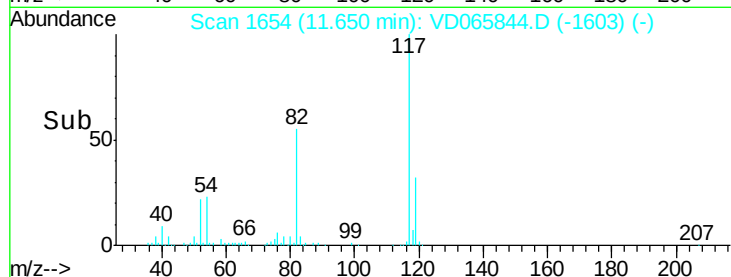
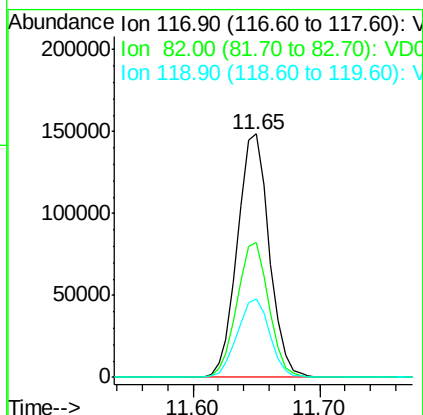
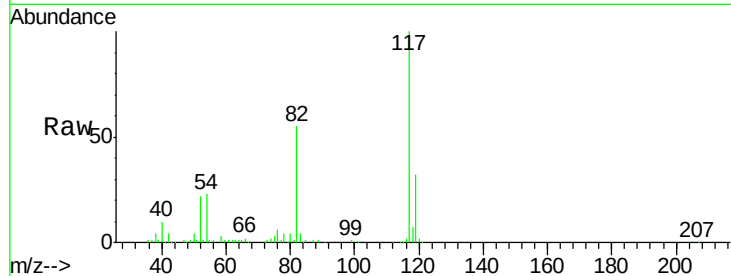




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065844.D
Acq: 22 Jun 2020 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBL01

Tot Ion:117 Resp: 258722
Ion Ratio Lower Upper
117 100
82 55.2 41.9 62.9
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065844.D
Acq: 22 Jun 2020 15:01

Tgt Ion:152 Resp: 114780
Ion Ratio Lower Upper
152 100
115 58.7 28.7 86.1
150 158.2 0.0 348.0

