

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065629.D
 Acq On : 13 Apr 2020 21:04
 Operator : VA/SY
 Sample : L2230-19
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-A

Quant Time: Apr 14 06:39:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

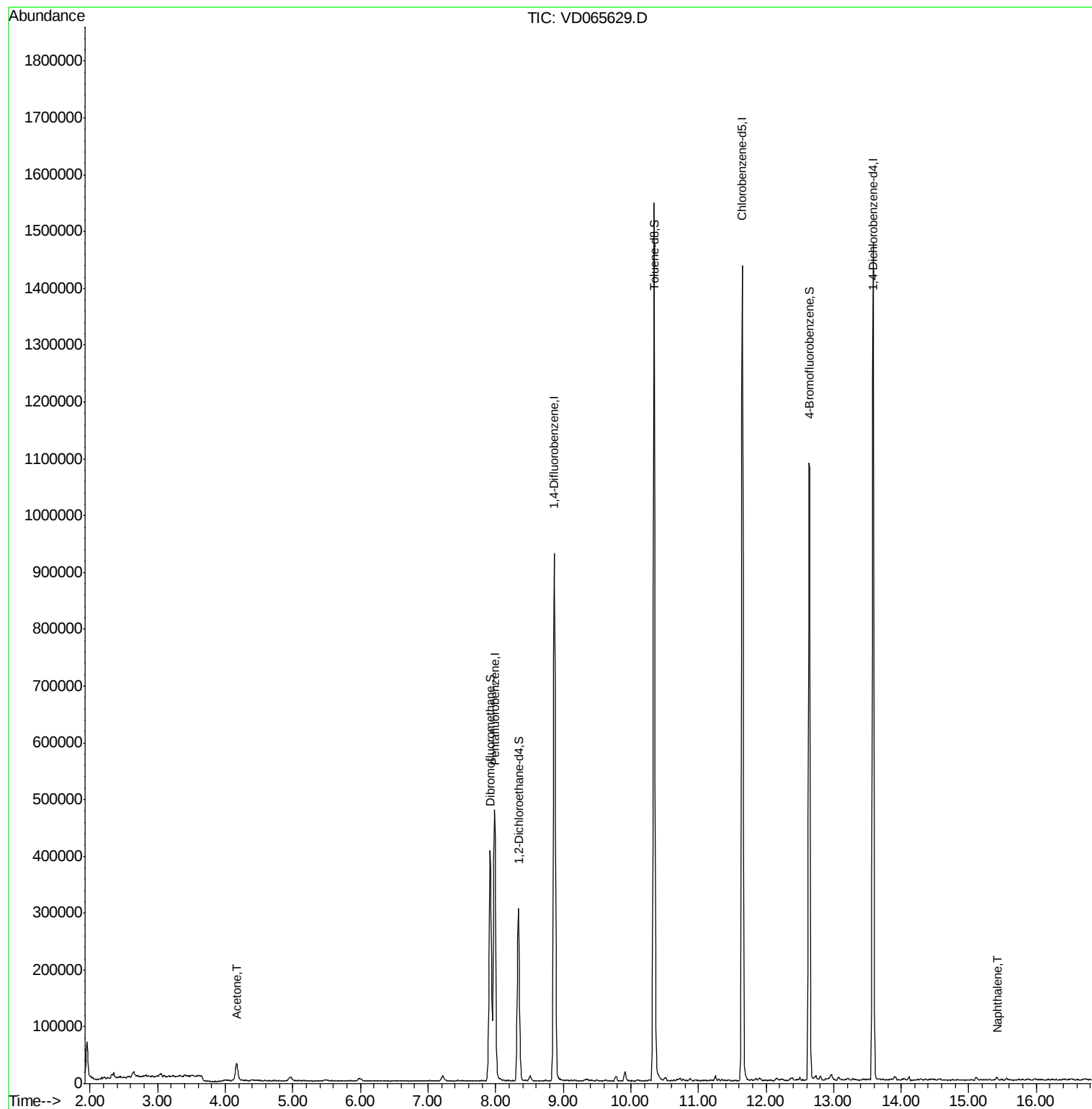
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	377453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	788654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	848250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	396983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	244868	68.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.18%	
35) Dibromofluoromethane	7.92	113	286585	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.34	98	1020649	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.64	95	349361	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
Target Compounds						
16) Acetone	4.17	43	53811	83.478	ug/l	95
95) Naphthalene	15.41	128	4705	4.326	ug/l #	93

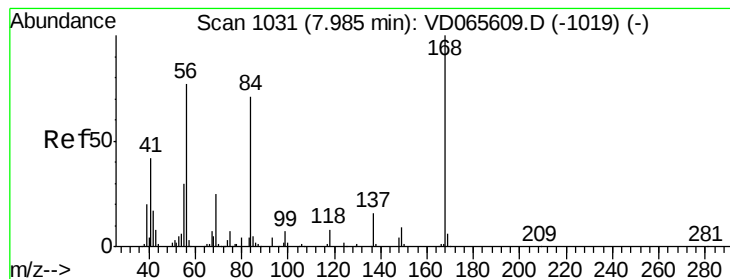
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065629.D

Acq: 13 Apr 2020 21:04

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MSVOA_D

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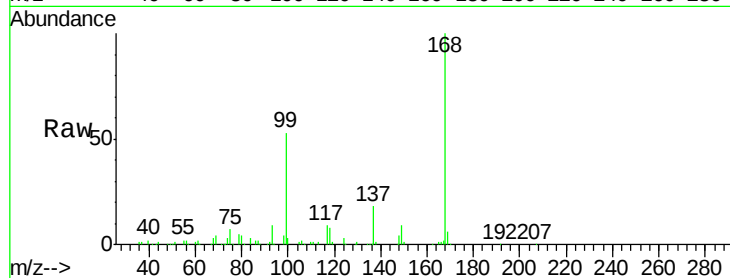
TP-12-A

Tot Ion:168 Resp: 377453

Ion Ratio Lower Upper

168 100

99 53.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

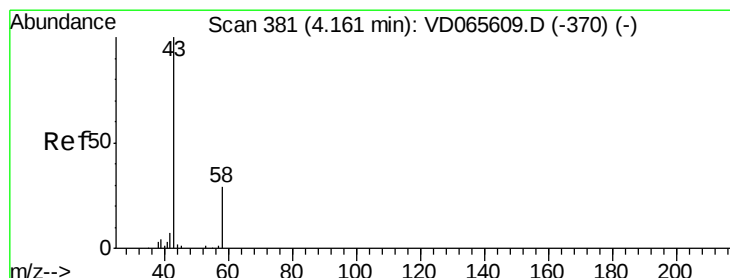
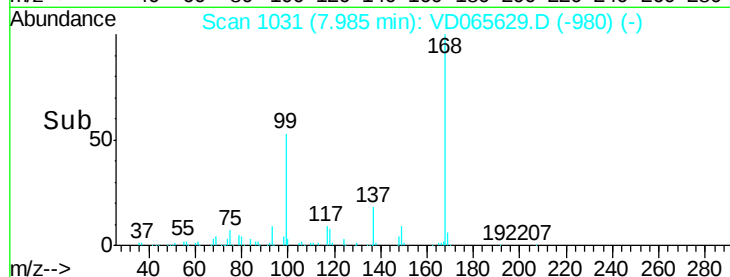
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 83.478 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065629.D

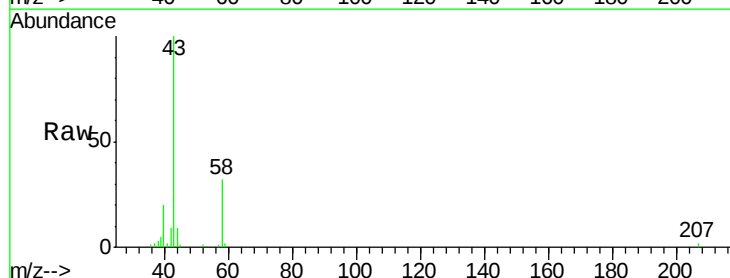
Acq: 13 Apr 2020 21:04

Tgt Ion: 43 Resp: 53811

Ion Ratio Lower Upper

43 100

58 31.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

20000

15000

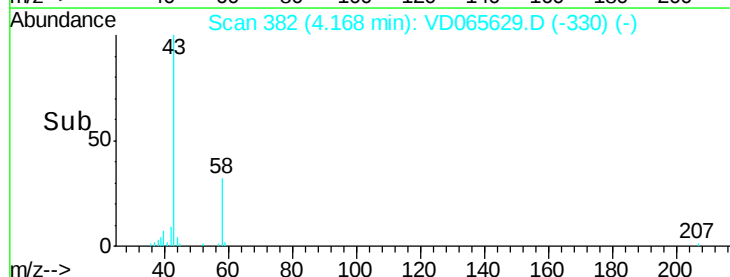
10000

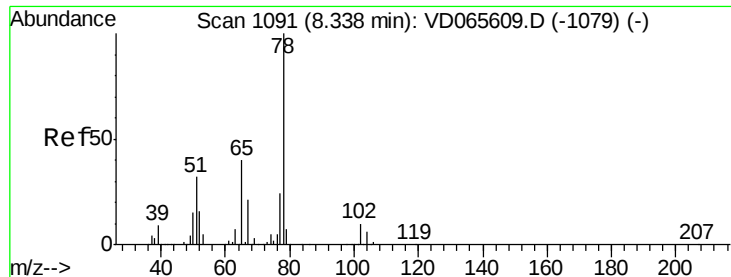
5000

0

Time-->

4.00 4.10 4.20 4.30





#33

1,2-Dichloroethane-d4

Concen: 68.594 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065629.D

Acq: 13 Apr 2020 21:04

Instrument :

MSVOA_D

ClientSampleId :

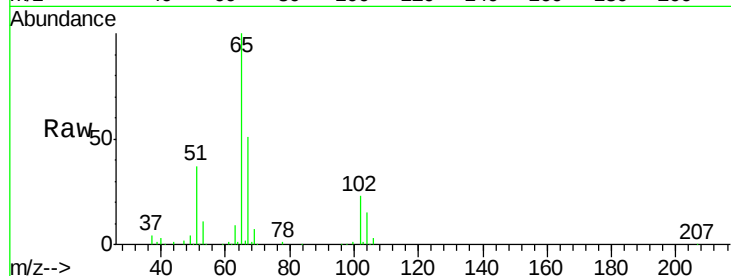
TP-12-A

Tot Ion: 65 Resp: 244868

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

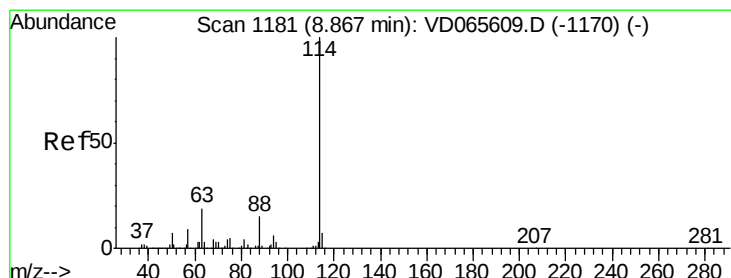
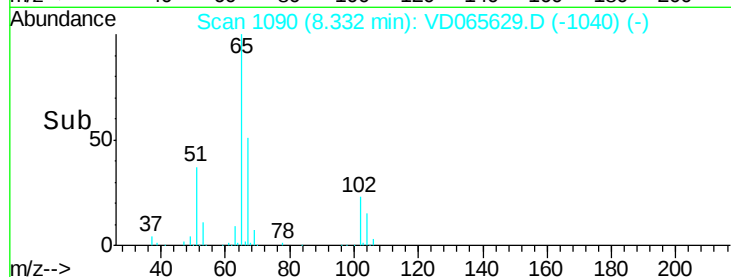
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065629.D

Acq: 13 Apr 2020 21:04

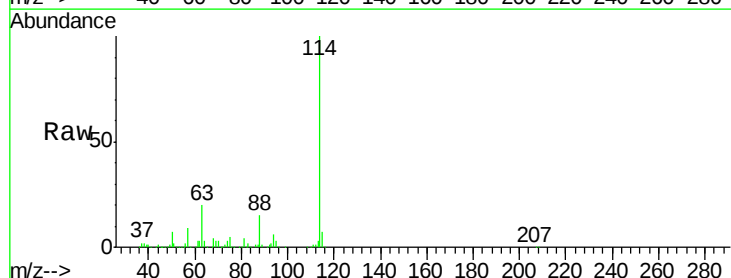
Tgt Ion: 114 Resp: 788654

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.2

88 14.8 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

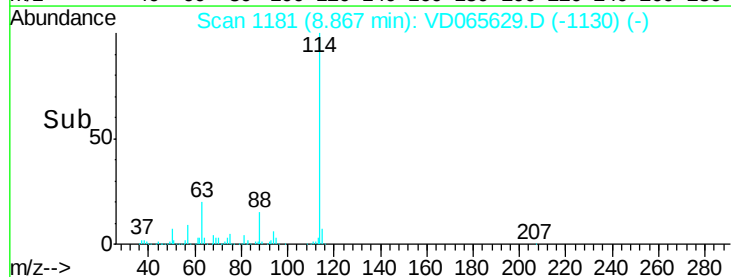
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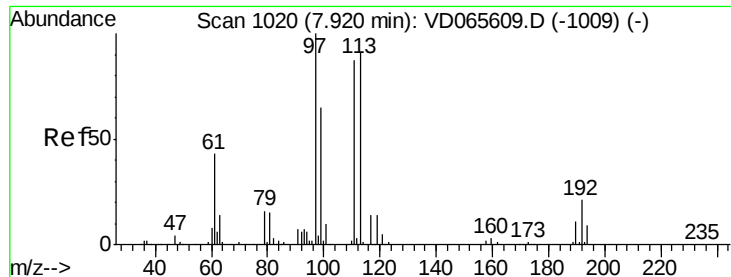
200000

100000

0

Time-->

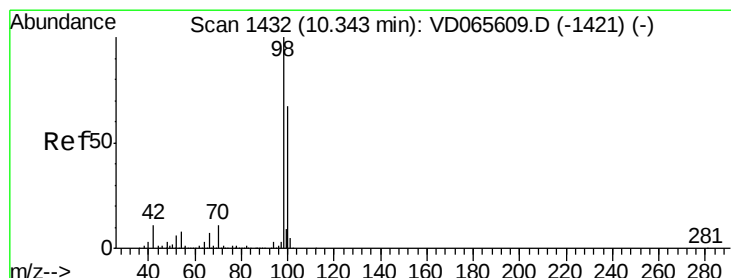
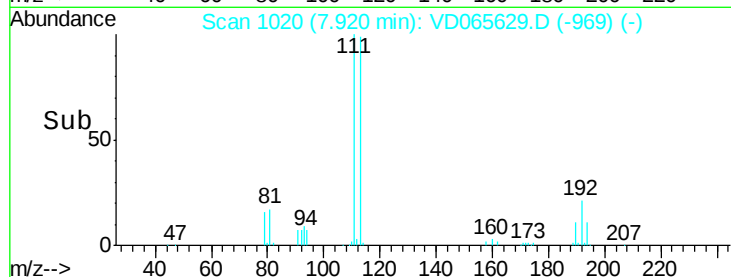
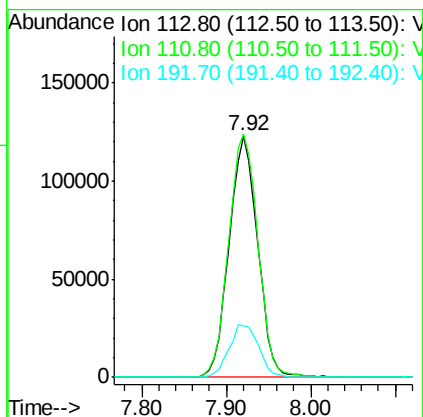
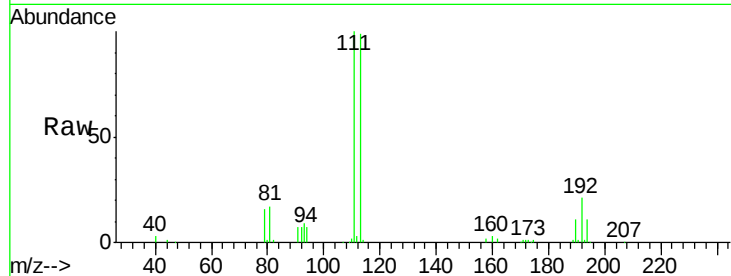




#35
 Dibromofluoromethane
 Concen: 52.014 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065629.D
 Acq: 13 Apr 2020 21:04

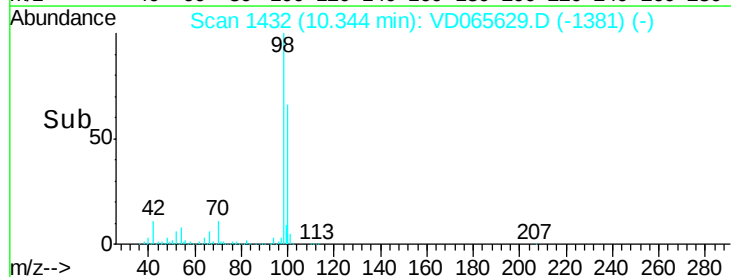
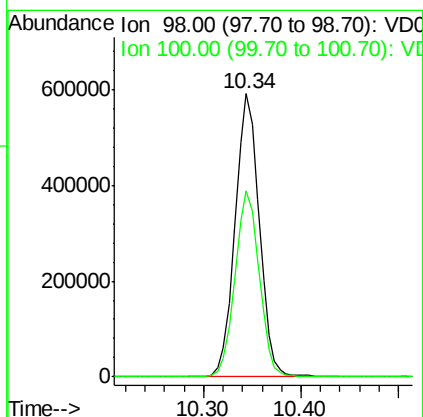
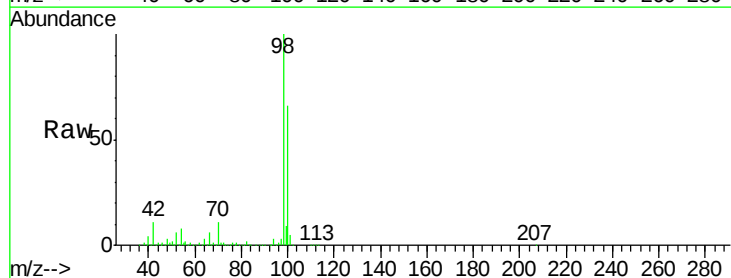
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-A

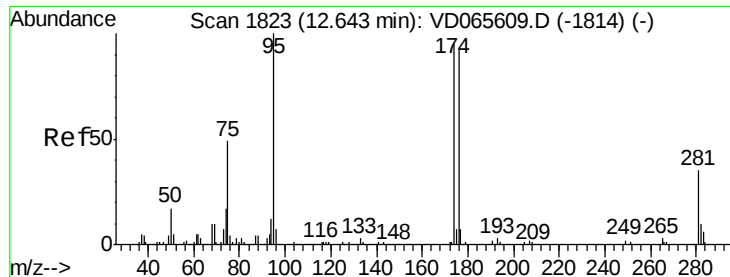
Tot Ion:113 Resp: 286585
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.6 120.8
 192 22.9 18.6 27.8



#50
 Toluene-d8
 Concen: 50.728 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065629.D
 Acq: 13 Apr 2020 21:04

Tgt Ion: 98 Resp: 1020649
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 54.035 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VD065629.D

Acq: 13 Apr 2020 21:04

Instrument :

MSVOA_D

ClientSampleId :

TP-12-A

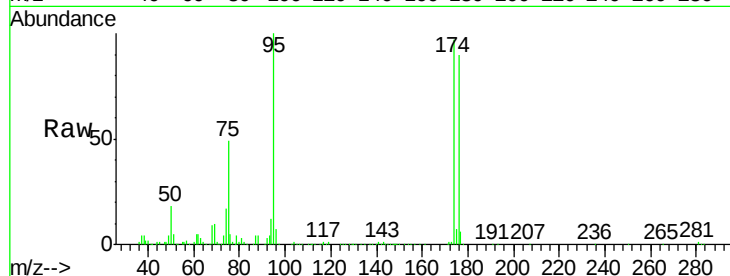
Tot Ion: 95 Resp: 349361

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.8

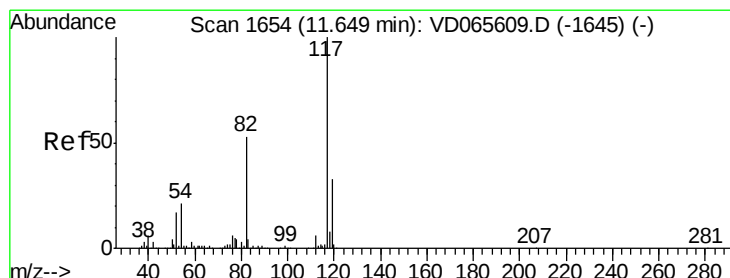
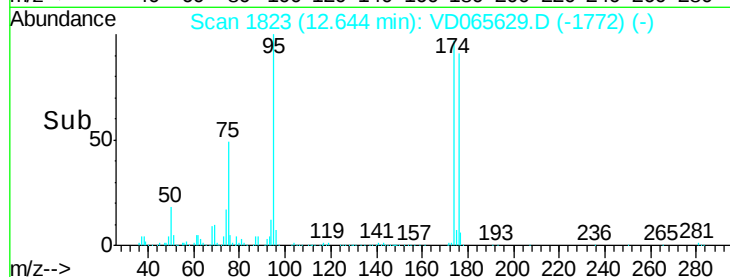
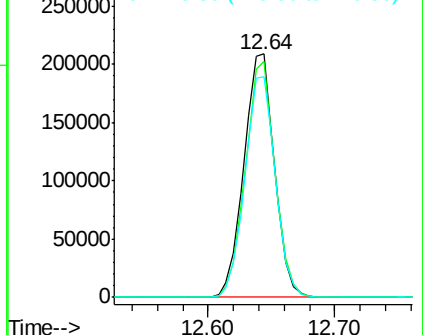
176 90.5 0.0 176.6



Abundance Ion 94.90 (94.60 to 95.60): VD

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: VD065629.D

Acq: 13 Apr 2020 21:04

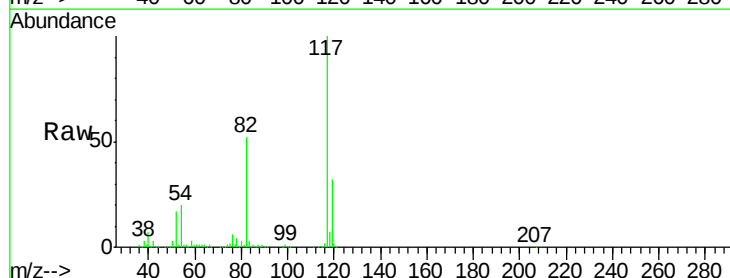
Tgt Ion: 117 Resp: 848250

Ion Ratio Lower Upper

117 100

82 51.7 42.6 64.0

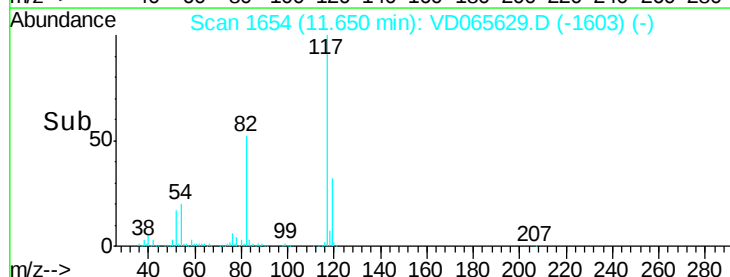
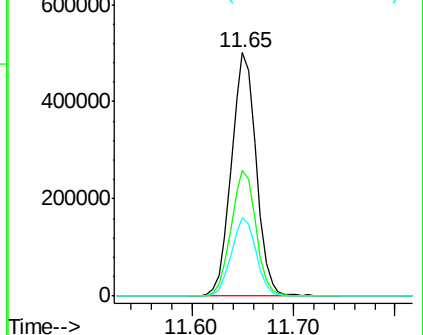
119 32.0 26.7 40.1

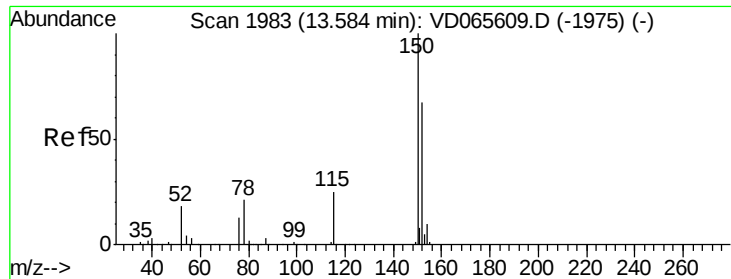


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

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: VD065629.D

Acq: 13 Apr 2020 21:04

Instrument :

MSVOA_D

ClientSampleId :

TP-12-A

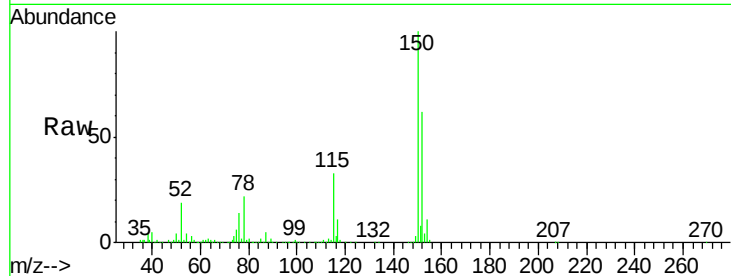
Tot Ion:152 Resp: 396983

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.2

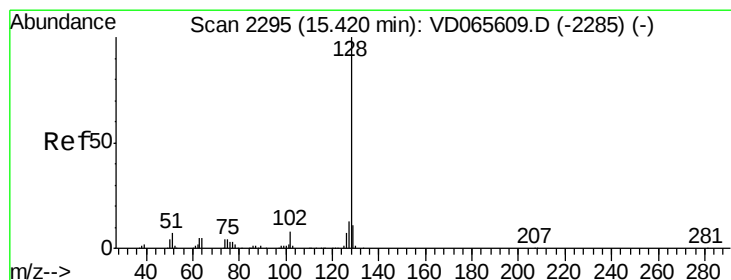
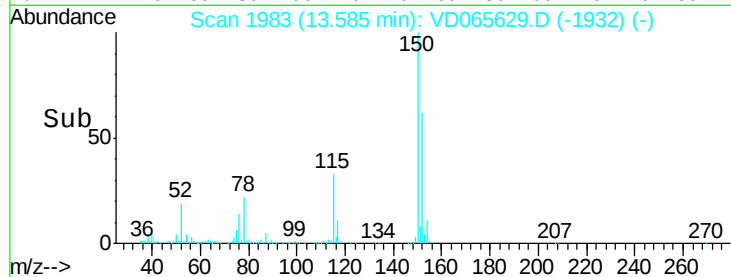
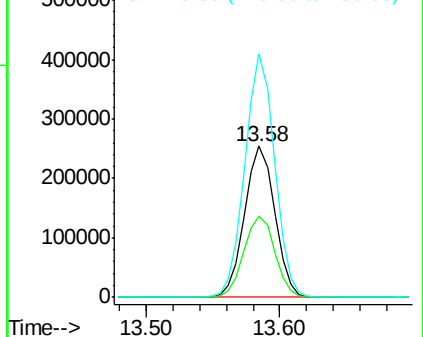
150 158.7 0.0 348.2



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



#95

Naphthalene

Concen: 4.326 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD065629.D

Acq: 13 Apr 2020 21:04

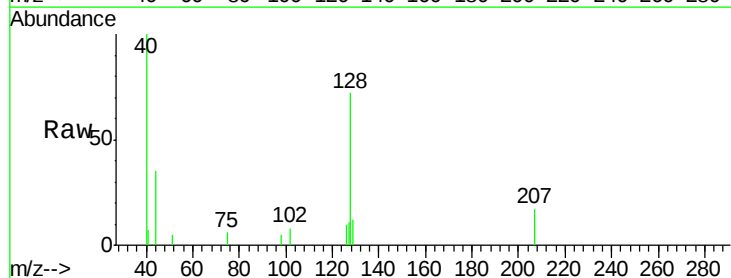
Tgt Ion:128 Resp: 4705

Ion Ratio Lower Upper

128 100

127 17.6 10.6 15.8#

129 11.5 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

