

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
 Data File : VD065490.D
 Acq On : 12 Mar 2020 18:18
 Operator : VA/SY
 Sample : L1912-15
 Misc : 7.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-2A

Quant Time: Mar 13 05:13:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	562683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	948255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	927871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	435515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	280311	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	7.92	113	301521	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.34	98	1163203	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.64	95	381994	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	

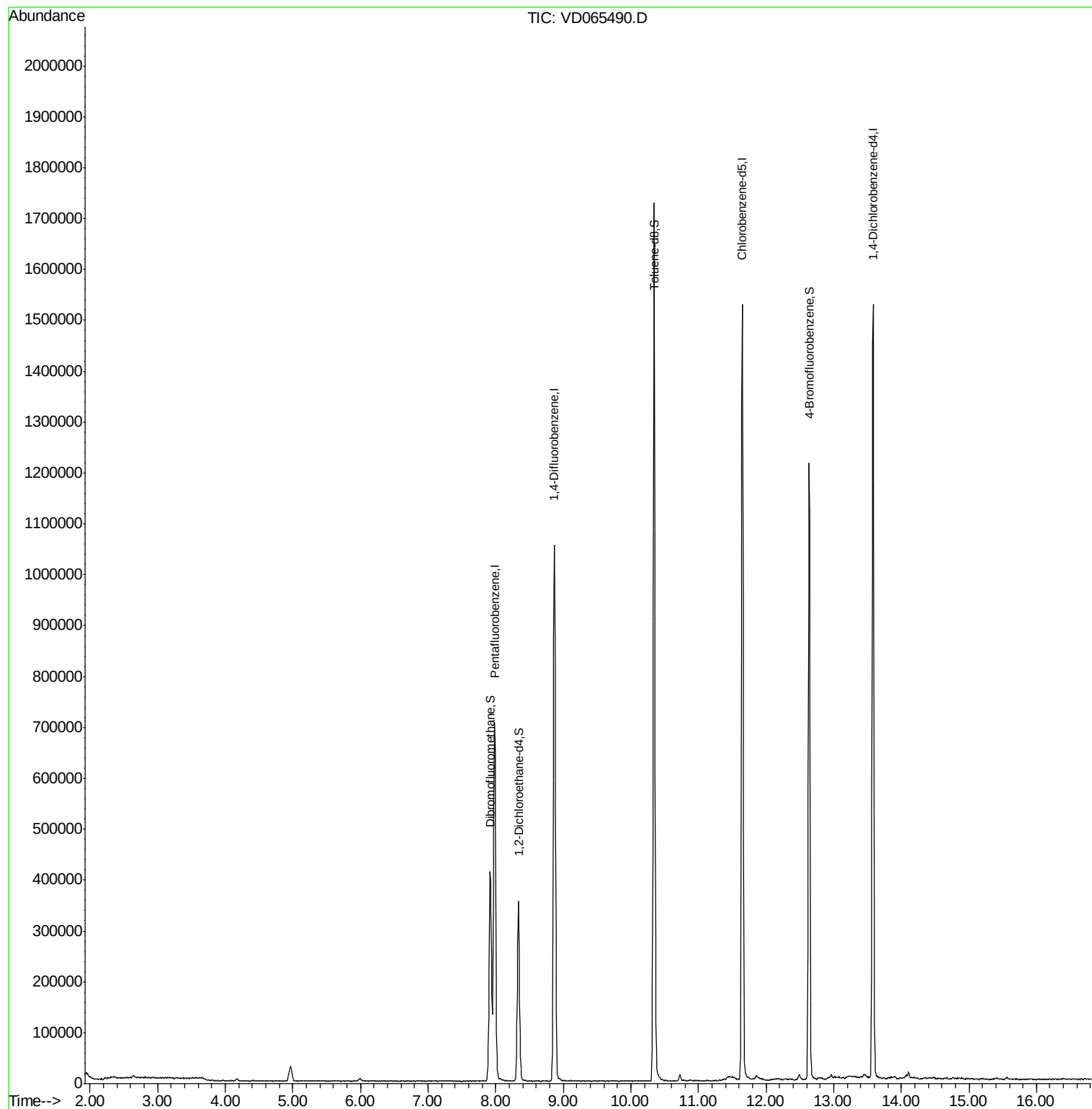
Target Compounds	Qvalue
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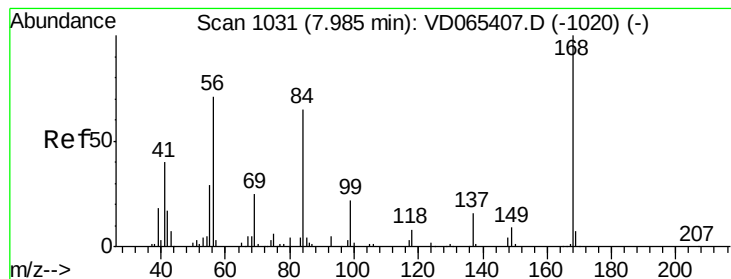
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065490.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

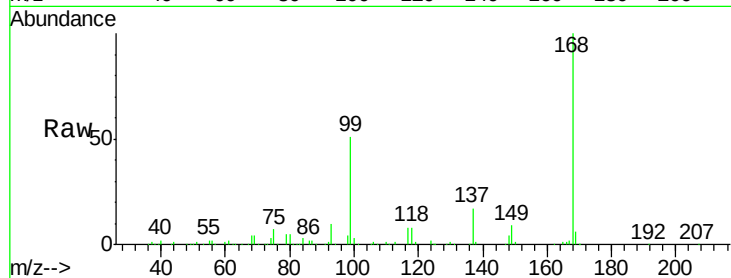
Z1-2A

Tot Ion:168 Resp: 562683

Ion Ratio Lower Upper

168 100

99 51.1 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

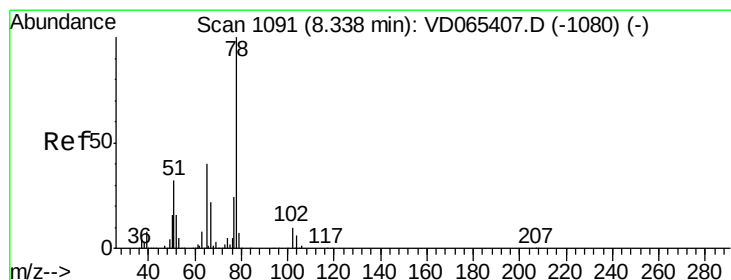
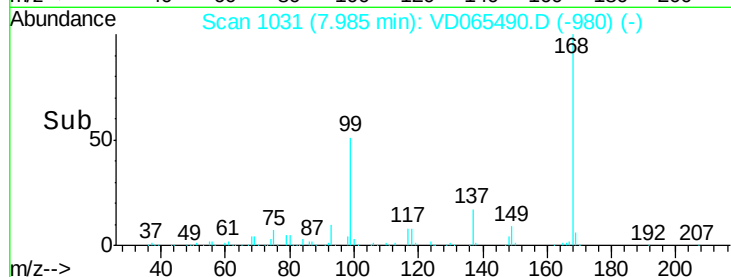
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.075 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065490.D

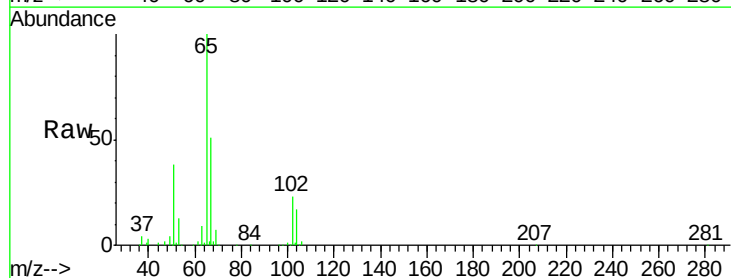
Acq: 12 Mar 2020 18:18

Tgt Ion: 65 Resp: 280311

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

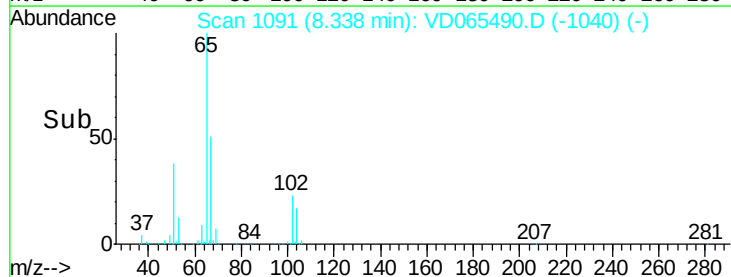
150000

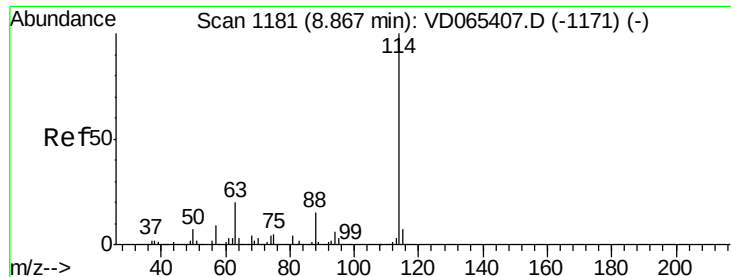
100000

50000

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: VD065490.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

Z1-2A

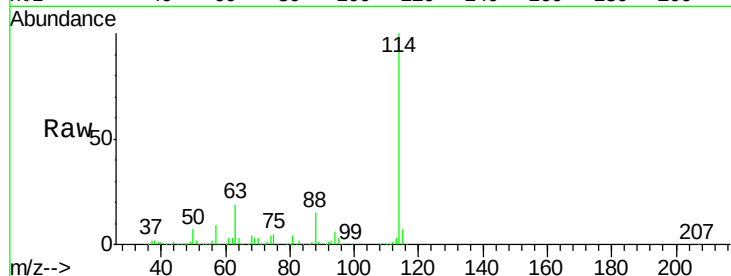
Tot Ion:114 Resp: 948255

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 14.8 0.0 30.4



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

8.87

400000

300000

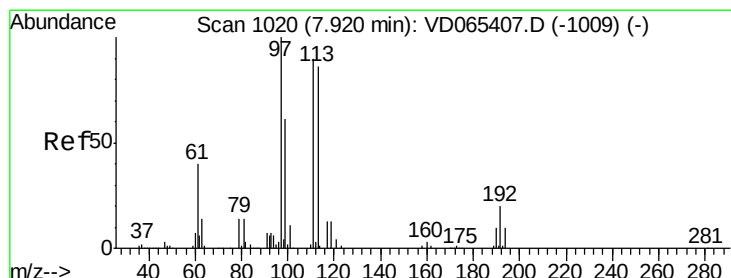
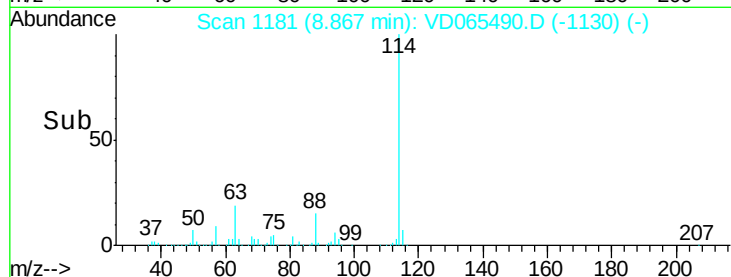
200000

100000

0

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 51.418 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065490.D

Acq: 12 Mar 2020 18:18

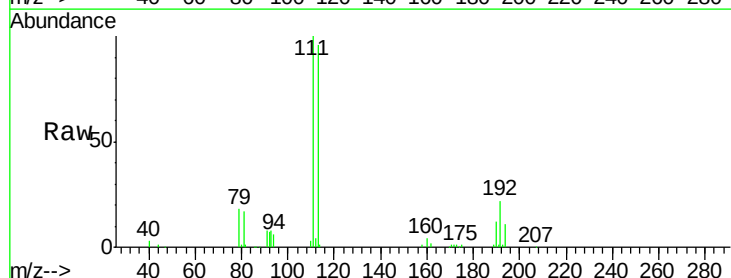
Tgt Ion:113 Resp: 301521

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 22.5 17.2 25.8



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

7.92

150000

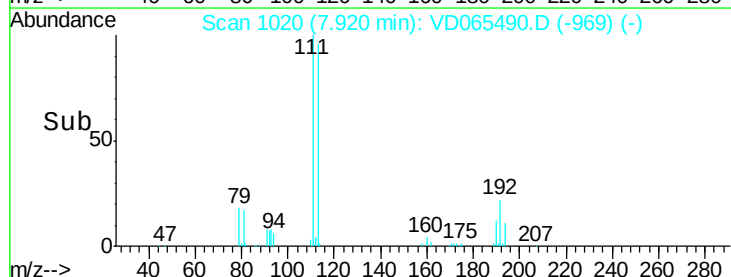
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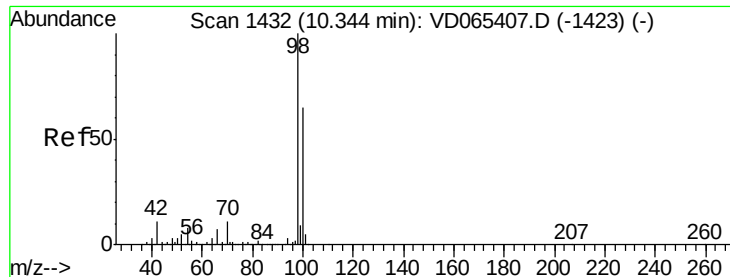
50000

0

7.80 7.90 8.00 8.10

Time-->

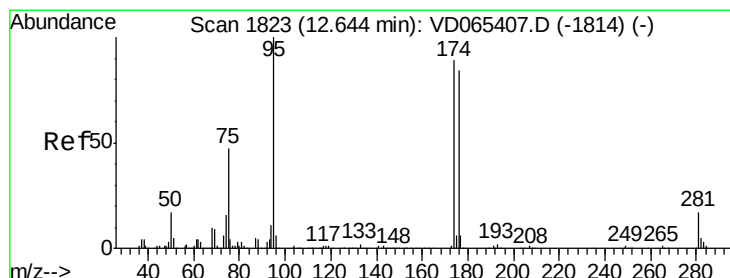
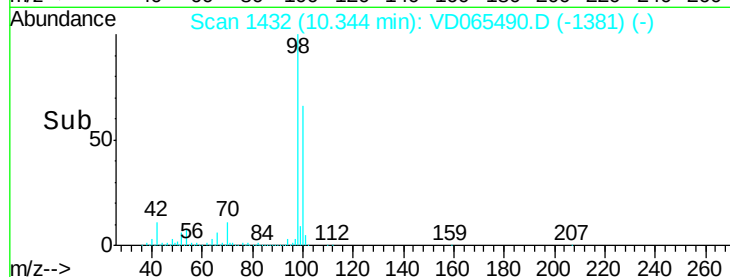
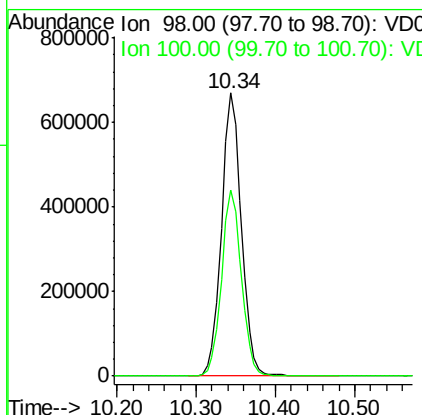
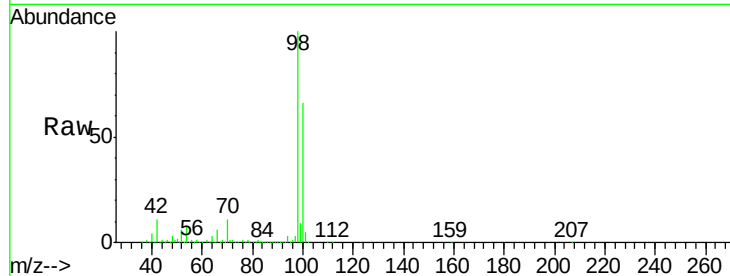




#50
Toluene-d8
Concen: 51.705 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065490.D
Acq: 12 Mar 2020 18:18

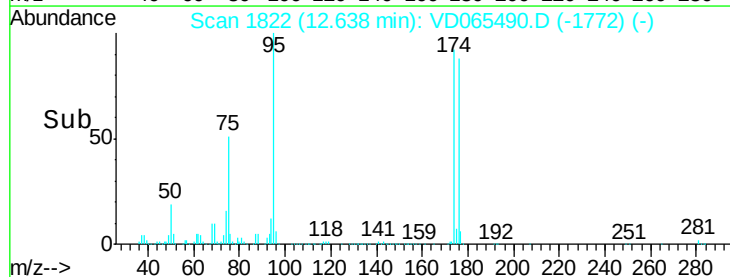
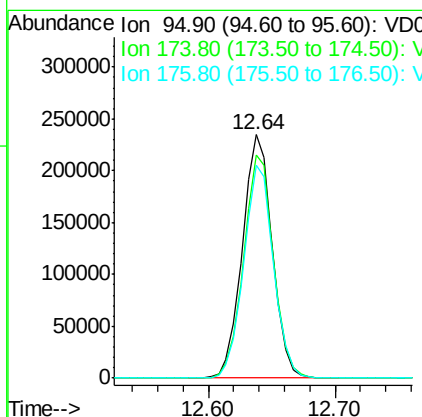
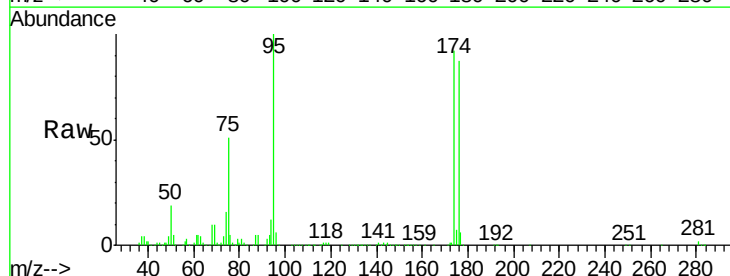
Instrument :
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Z1-2A

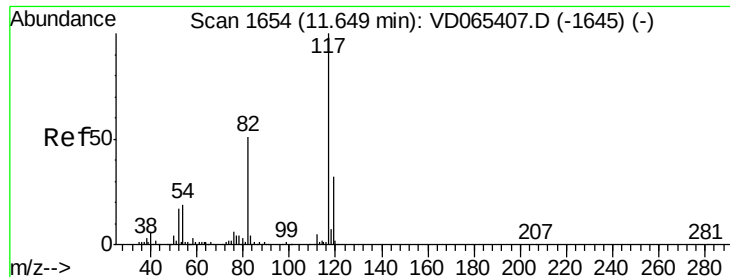
Tot Ion: 98 Resp: 1163203
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 55.003 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065490.D
Acq: 12 Mar 2020 18:18

Tgt Ion: 95 Resp: 381994
Ion Ratio Lower Upper
95 100
174 92.1 0.0 176.8
176 87.6 0.0 171.4

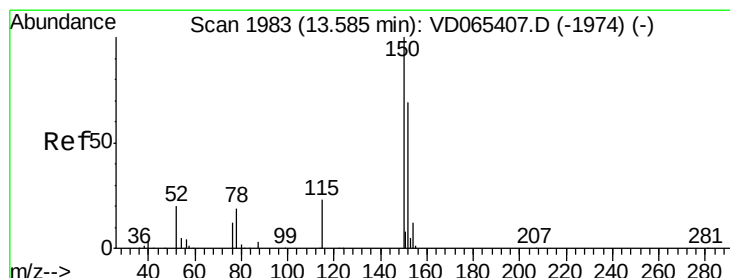
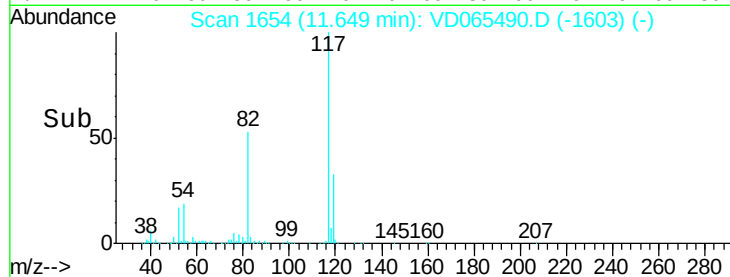
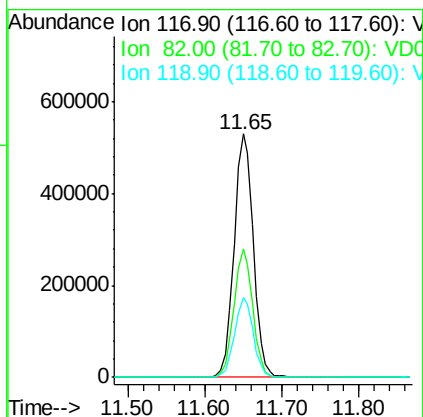
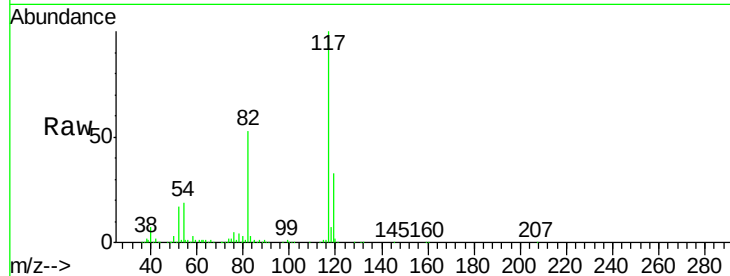




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065490.D
Acq: 12 Mar 2020 18:18

Instrument :
MSVOA_D
ClientSampleId :
Z1-2A

Tot Ion:117 Resp: 927871
Ion Ratio Lower Upper
117 100
82 52.9 40.6 60.8
119 32.9 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: VD065490.D
Acq: 12 Mar 2020 18:18

Tgt Ion:152 Resp: 435515
Ion Ratio Lower Upper
152 100
115 54.6 27.6 82.8
150 156.4 0.0 345.0

