

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065464.D
 Acq On : 10 Mar 2020 15:59
 Operator : VA/SY
 Sample : L1873-03
 Misc : 6.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Mar 11 02:12:35 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

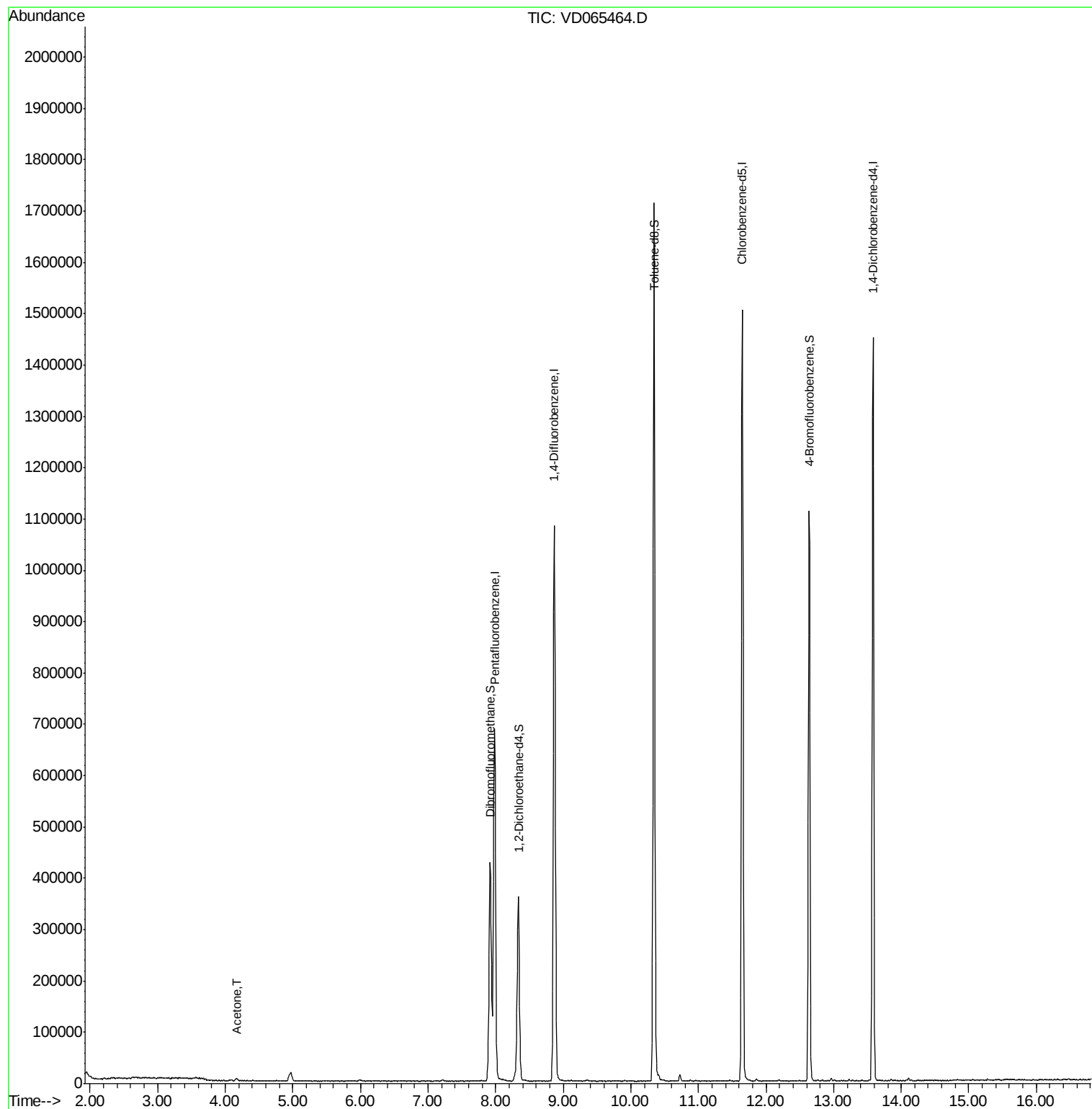
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	539373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	950459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	891629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	406930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	285983	61.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.62%	
35) Dibromofluoromethane	7.92	113	308790	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	10.34	98	1164959	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.64	95	360508	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
Target Compounds						
16) Acetone	4.17	43	8609	9.200	ug/l	Qvalue 96

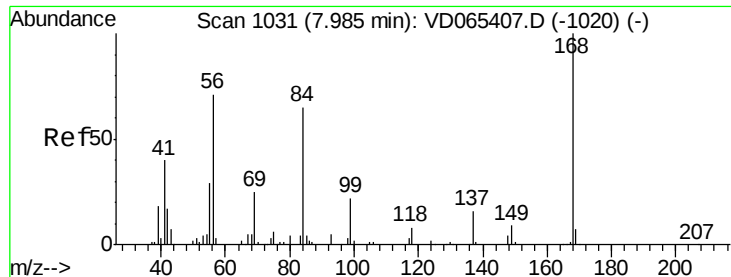
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD065464.D

Acq: 10 Mar 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

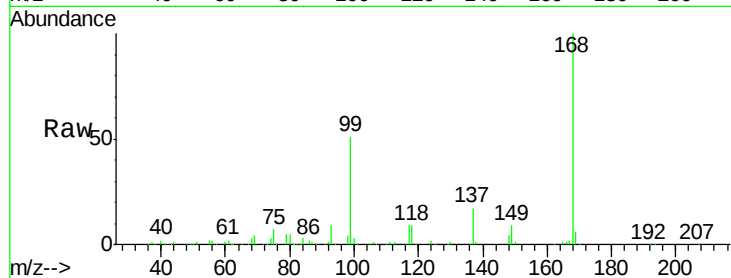
TP-2

Tot Ion:168 Resp: 539373

Ion Ratio Lower Upper

168 100

99 51.4 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

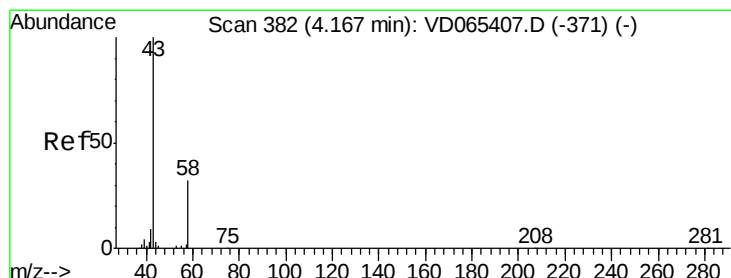
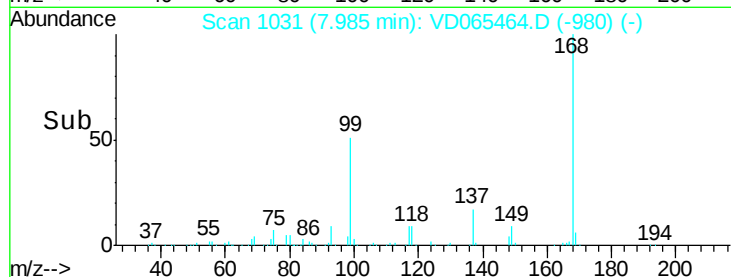
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.200 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065464.D

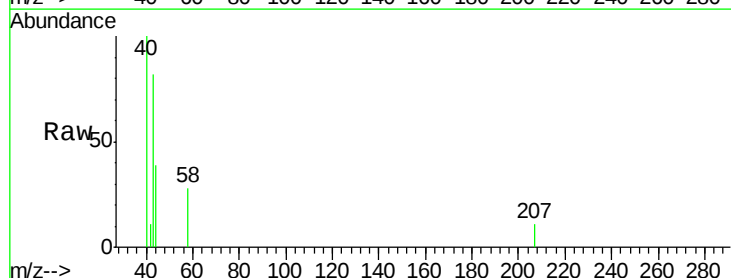
Acq: 10 Mar 2020 15:59

Tgt Ion: 43 Resp: 8609

Ion Ratio Lower Upper

43 100

58 33.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

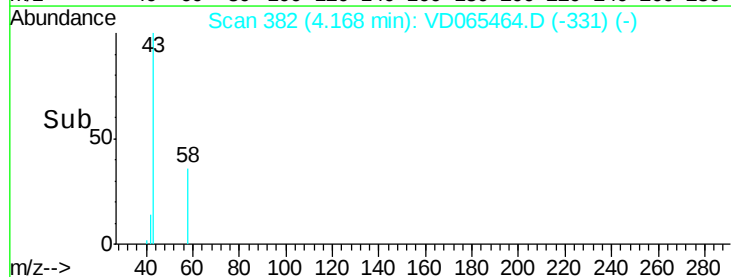
3000

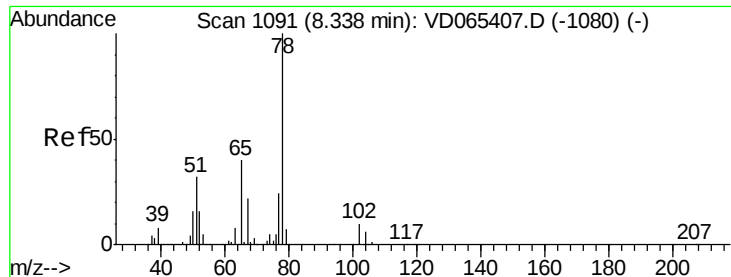
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 61.811 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065464.D

Acq: 10 Mar 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

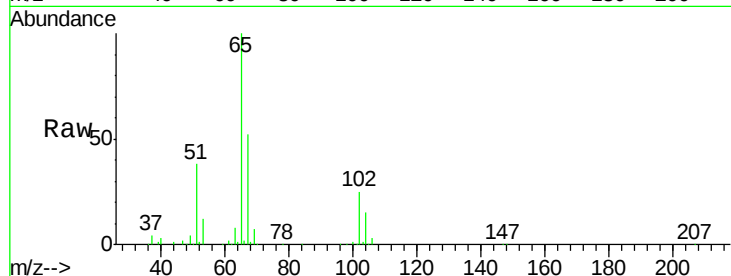
TP-2

Tot Ion: 65 Resp: 285983

Ion Ratio Lower Upper

65 100

67 53.1 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

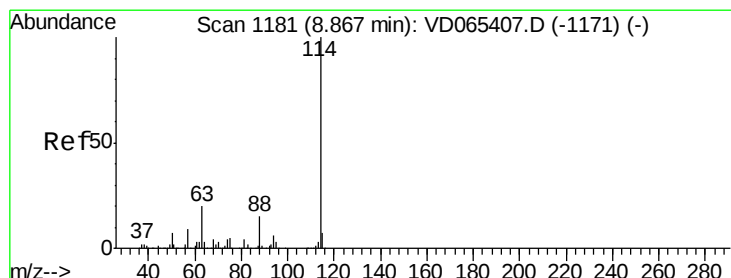
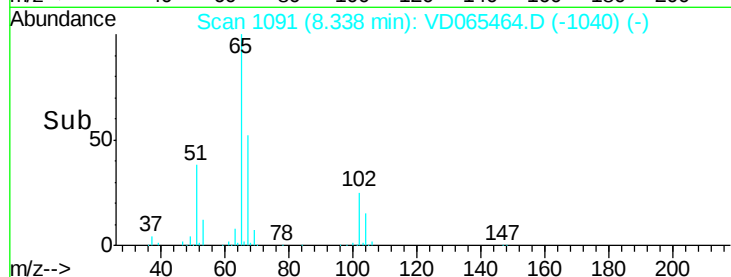
100000

50000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065464.D

Acq: 10 Mar 2020 15:59

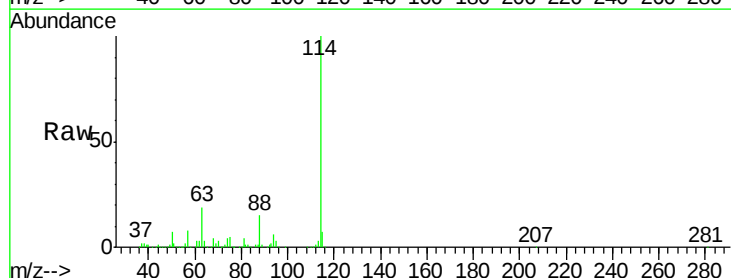
Tgt Ion: 114 Resp: 950459

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.9 0.0 30.4



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

600000

500000

400000

300000

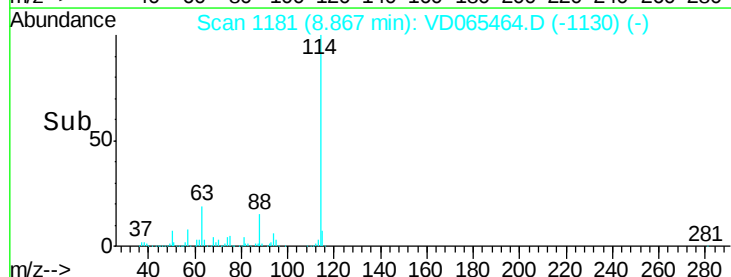
200000

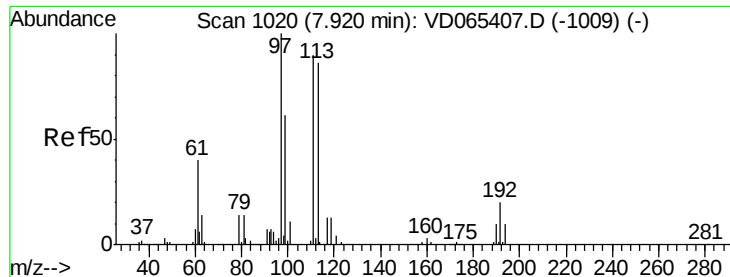
100000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 52.536 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065464.D

Acq: 10 Mar 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

TP-2

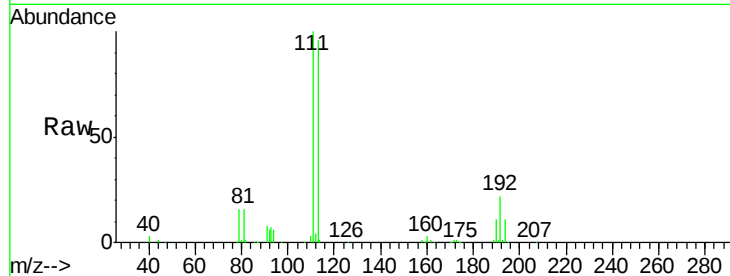
Tot Ion:113 Resp: 308790

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

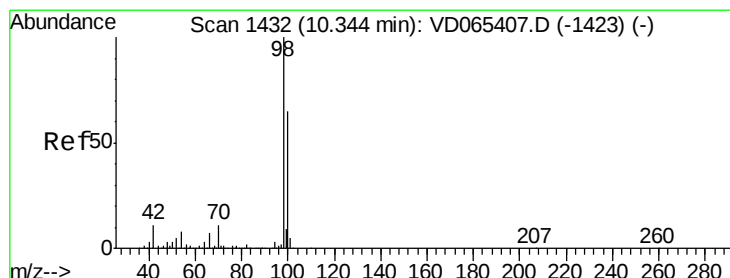
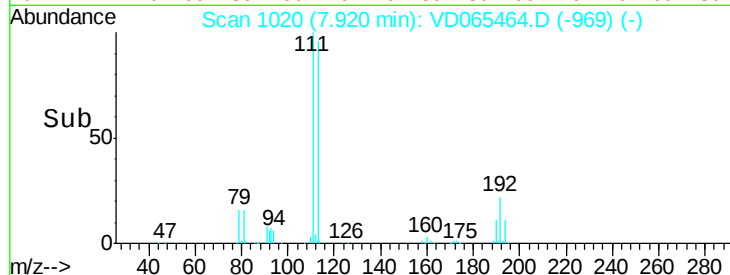
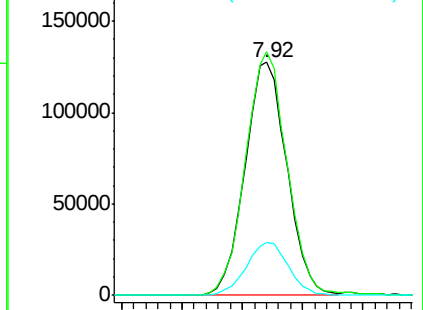
192 22.7 17.2 25.8



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



#50

Toluene-d8

Concen: 51.663 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065464.D

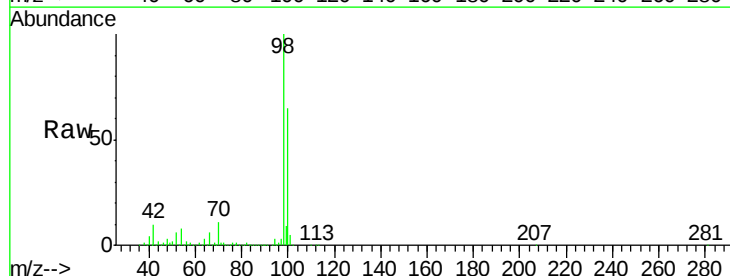
Acq: 10 Mar 2020 15:59

Tgt Ion: 98 Resp: 1164959

Ion Ratio Lower Upper

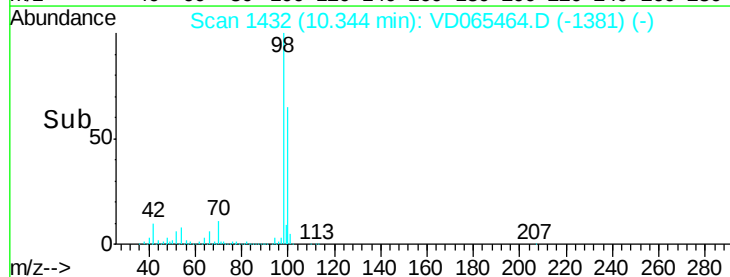
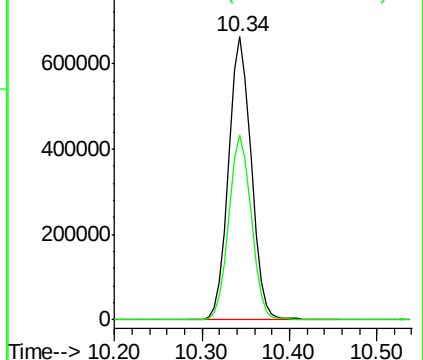
98 100

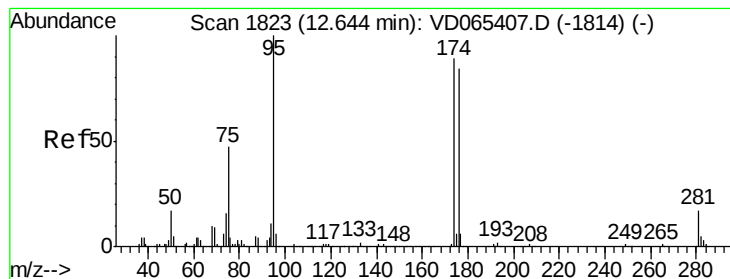
100 65.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.789 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065464.D

Acq: 10 Mar 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

TP-2

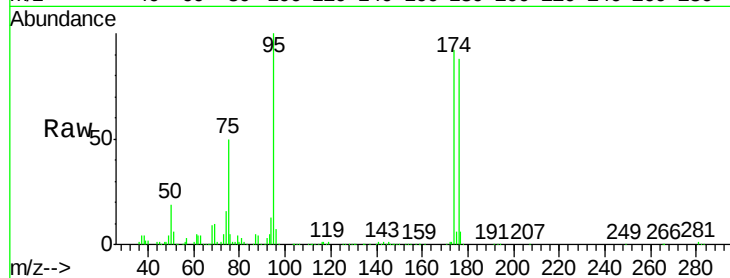
Tot Ion: 95 Resp: 360508

Ion Ratio Lower Upper

95 100

174 91.7 0.0 176.8

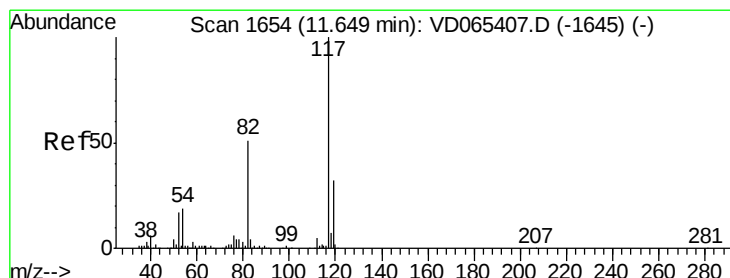
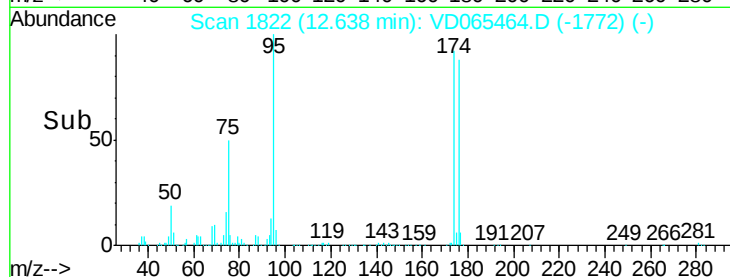
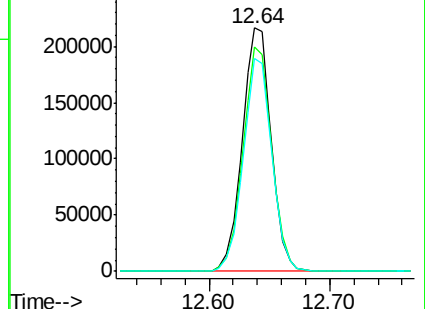
176 86.6 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD065464.D

Acq: 10 Mar 2020 15:59

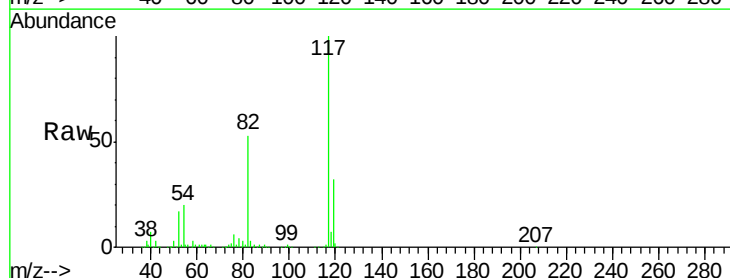
Tgt Ion: 117 Resp: 891629

Ion Ratio Lower Upper

117 100

82 53.2 40.6 60.8

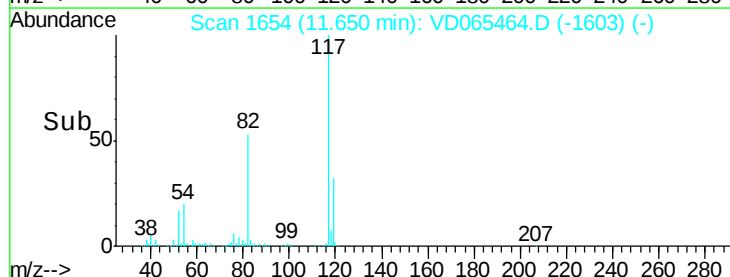
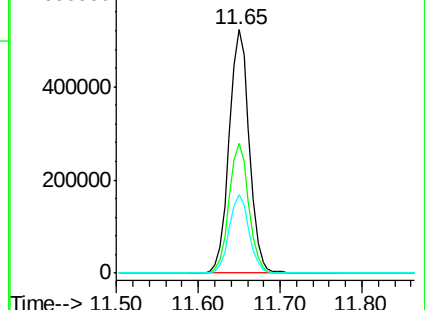
119 32.1 25.4 38.2

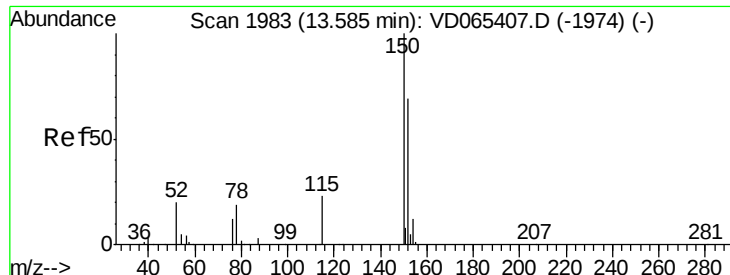


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VD065464.D

Acq: 10 Mar 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

TP-2

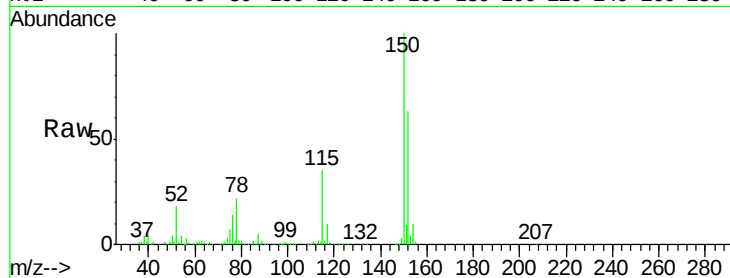
Tot Ion:152 Resp: 406930

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

150 155.8 0.0 345.0



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

