

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065331.D
 Acq On : 26 Feb 2020 16:44
 Operator : VA/SY
 Sample : L1688-03
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-03-022420

Quant Time: Feb 27 08:33:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

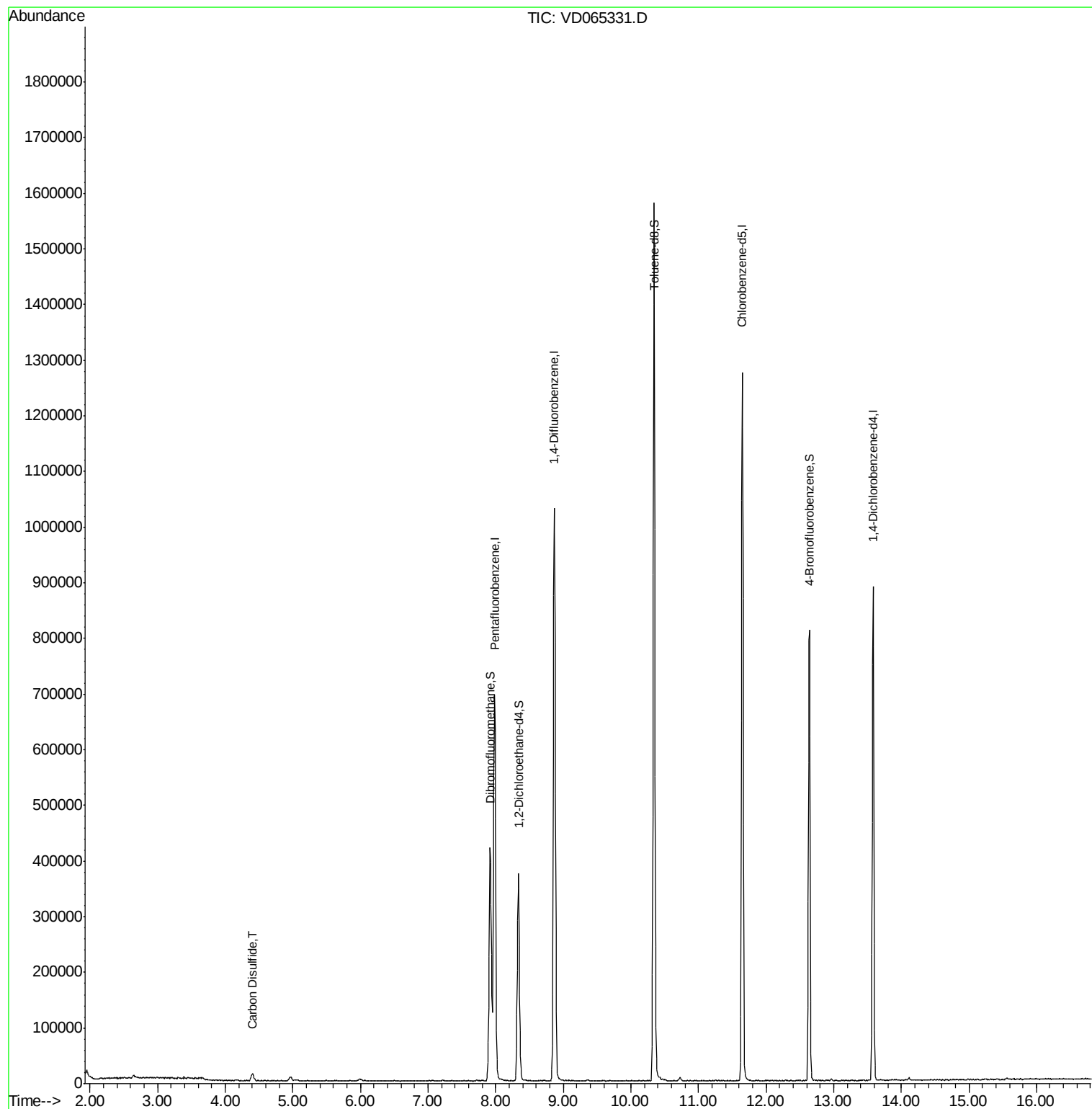
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	538946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	918305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	760284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	287764	59.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.70%	
35) Dibromofluoromethane	7.92	113	302302	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
50) Toluene-d8	10.34	98	1089174	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.64	95	267326	39.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.84%	
Target Compounds						
17) Carbon Disulfide	4.40	76	26969	1.610	ug/l	Qvalue 99

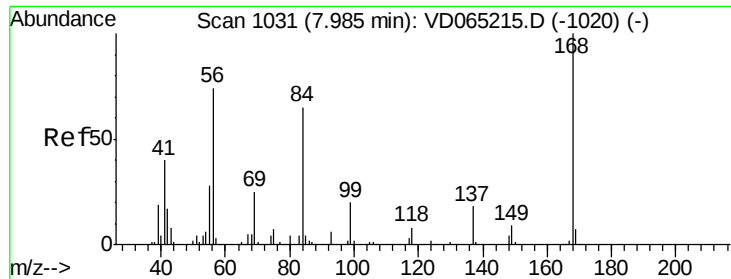
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065331.D

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Instrument :

MSVOA_D

ClientSampleId :

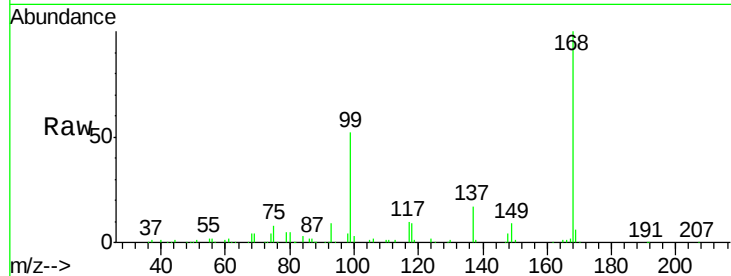
GP-03-022420

Tot Ion:168 Resp: 538946

Ion Ratio Lower Upper

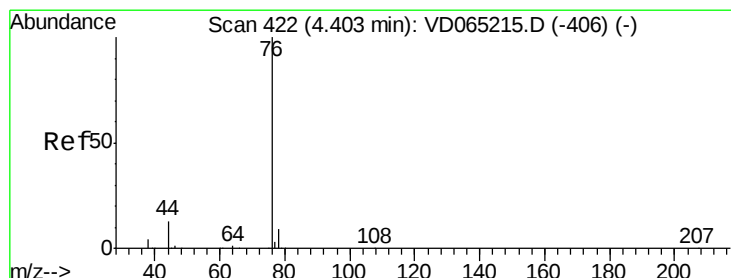
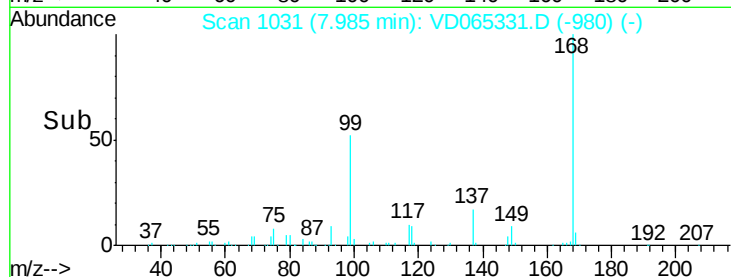
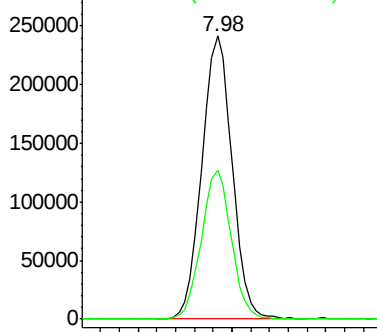
168 100

99 52.5 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 1.610 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065331.D

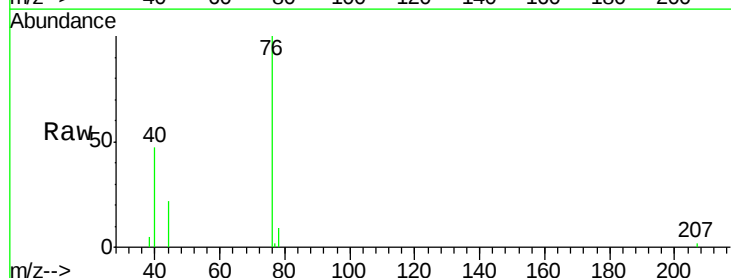
Acq: 26 Feb 2020 16:44

Tgt Ion: 76 Resp: 26969

Ion Ratio Lower Upper

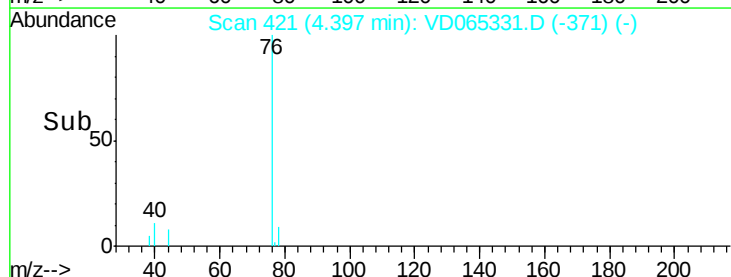
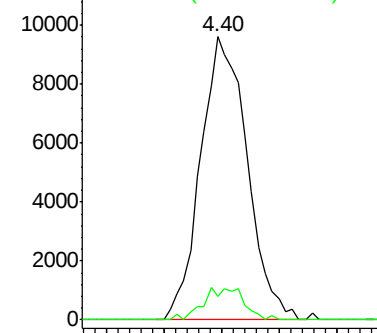
76 100

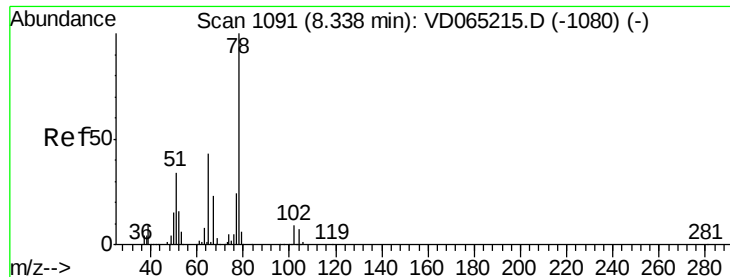
78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 59.352 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065331.D

Acq: 26 Feb 2020 16:44

Instrument :

MSVOA_D

ClientSampleId :

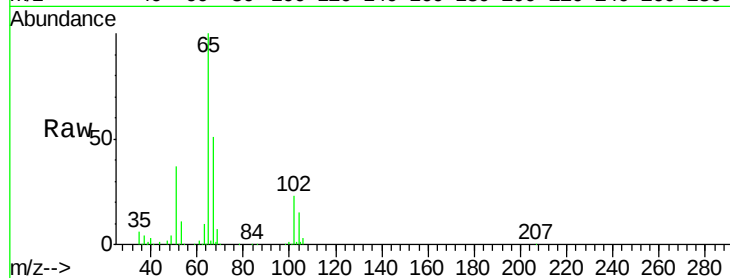
GP-03-022420

Tot Ion: 65 Resp: 287764

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

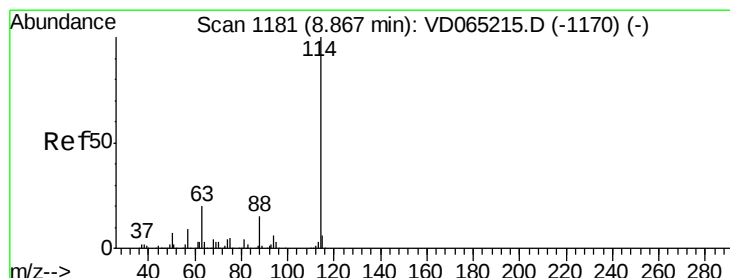
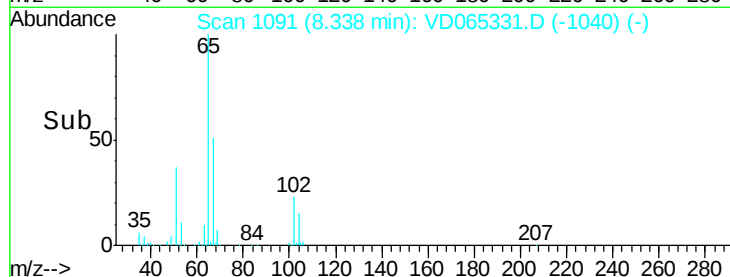
150000

100000

50000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065331.D

Acq: 26 Feb 2020 16:44

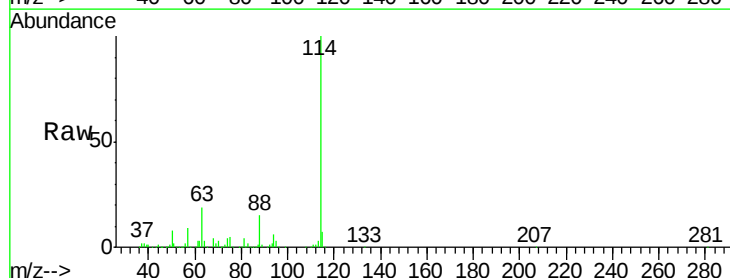
Tgt Ion: 114 Resp: 918305

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

600000

500000

400000

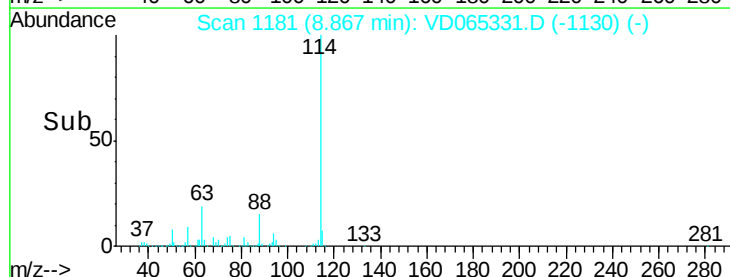
300000

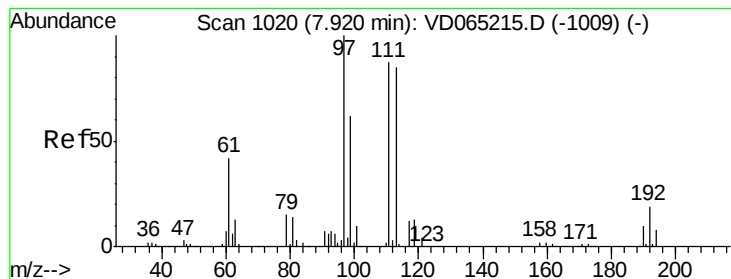
200000

100000

0

Time--> 8.80 8.90





#35

Dibromofluoromethane

Concen: 53.989 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065331.D

Acq: 26 Feb 2020 16:44

Instrument :

MSVOA_D

ClientSampleId :

GP-03-022420

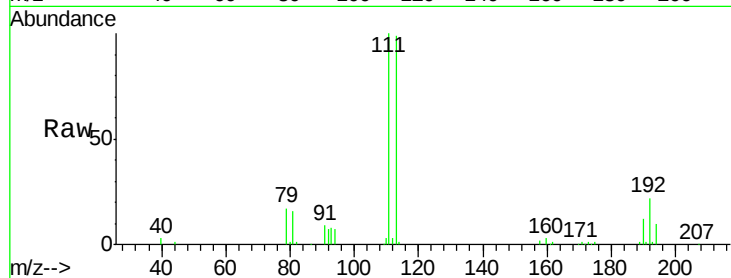
Tot Ion:113 Resp: 302302

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

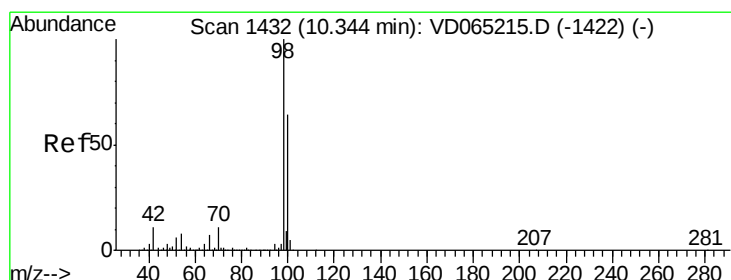
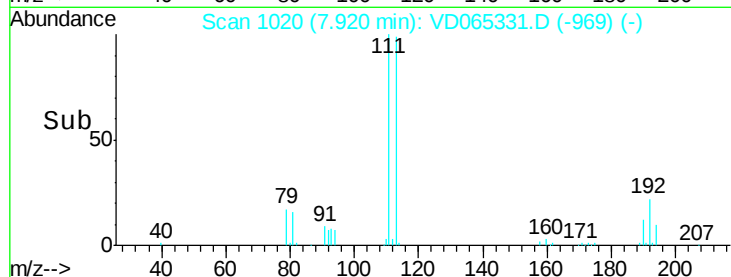
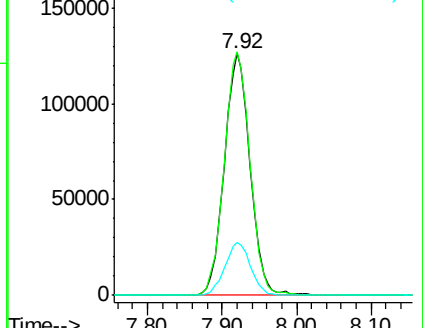
192 21.8 17.3 25.9



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: 50.883 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065331.D

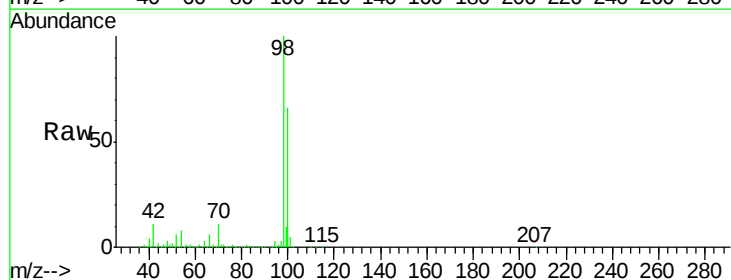
Acq: 26 Feb 2020 16:44

Tgt Ion: 98 Resp: 1089174

Ion Ratio Lower Upper

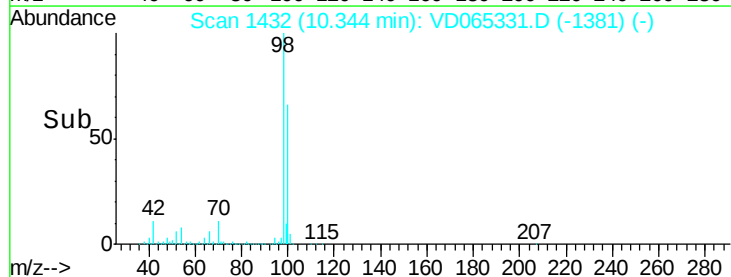
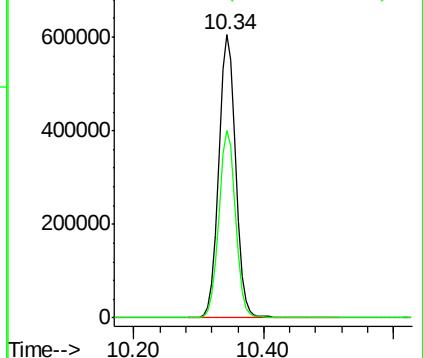
98 100

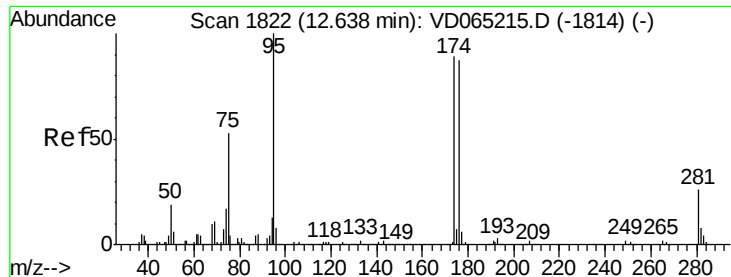
100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 39.422 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065331.D

Acq: 26 Feb 2020 16:44

Instrument :

MSVOA_D

ClientSampleId :

GP-03-022420

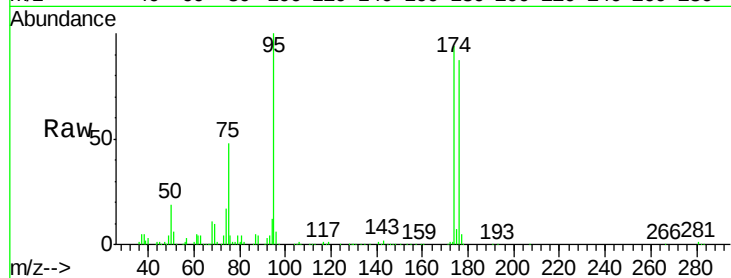
Tot Ion: 95 Resp: 267326

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.0

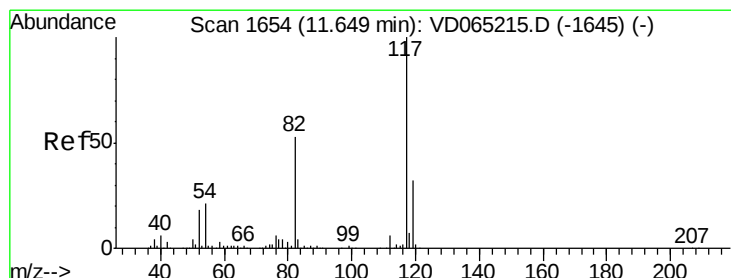
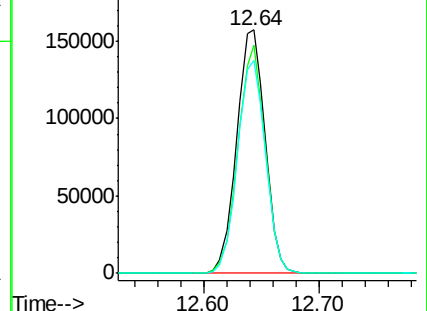
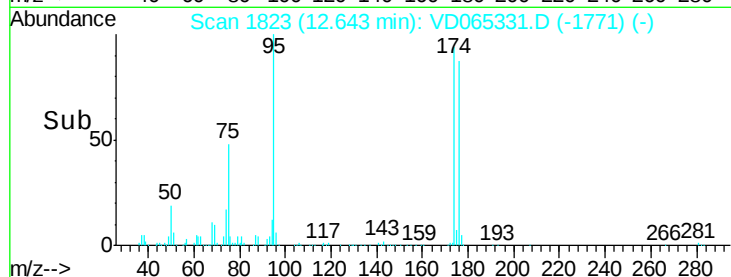
176 86.2 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): VD065331.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065331.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065331.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065331.D

Acq: 26 Feb 2020 16:44

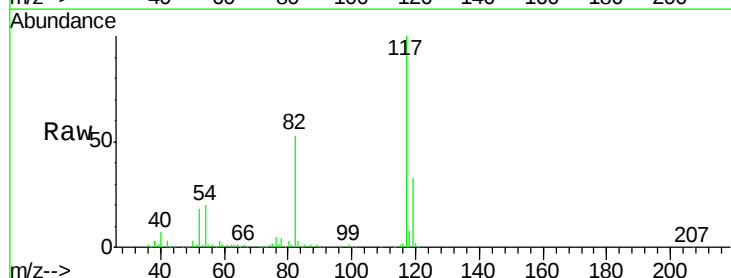
Tgt Ion: 117 Resp: 760284

Ion Ratio Lower Upper

117 100

82 53.3 42.7 64.1

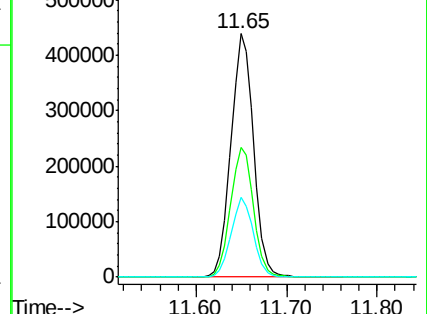
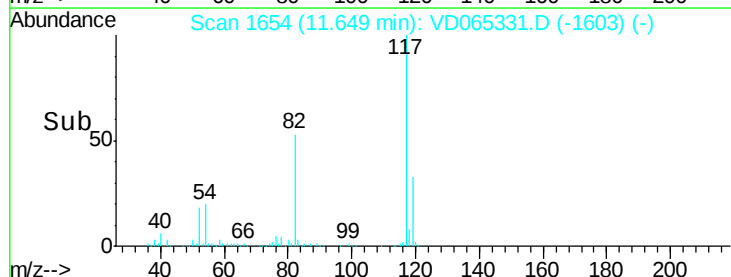
119 32.6 25.5 38.3

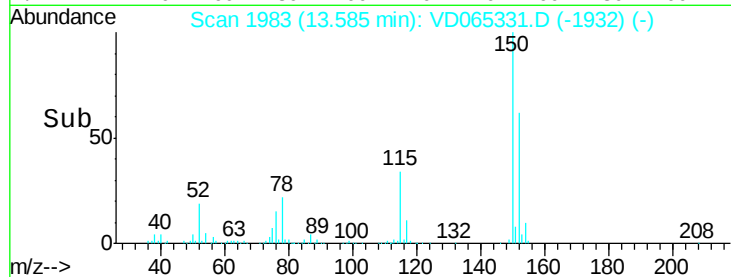
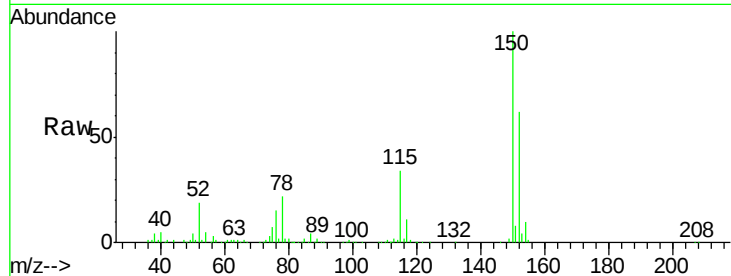
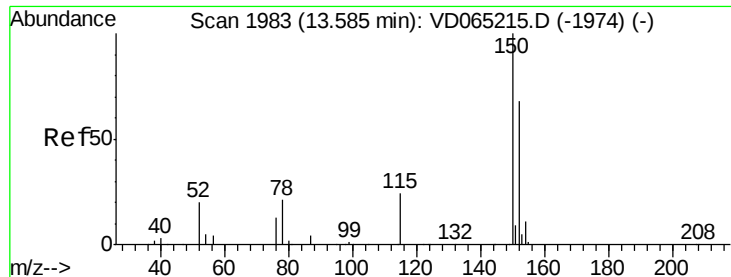


Abundance Ion 116.90 (116.60 to 117.60): VD065331.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065331.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065331.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065331.D

Acq: 26 Feb 2020 16:44

Instrument :

MSVOA_D

ClientSampleId :

GP-03-022420

Tot Ion:152 Resp: 249835

Ion Ratio Lower Upper

152 100

115 55.2 27.6 82.8

150 156.0 0.0 347.4

