

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067106.D
 Acq On : 06 Oct 2020 14:28
 Operator : VA/SY
 Sample : L4272-21
 Misc : 6.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-4-(6)

Quant Time: Oct 07 01:39:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

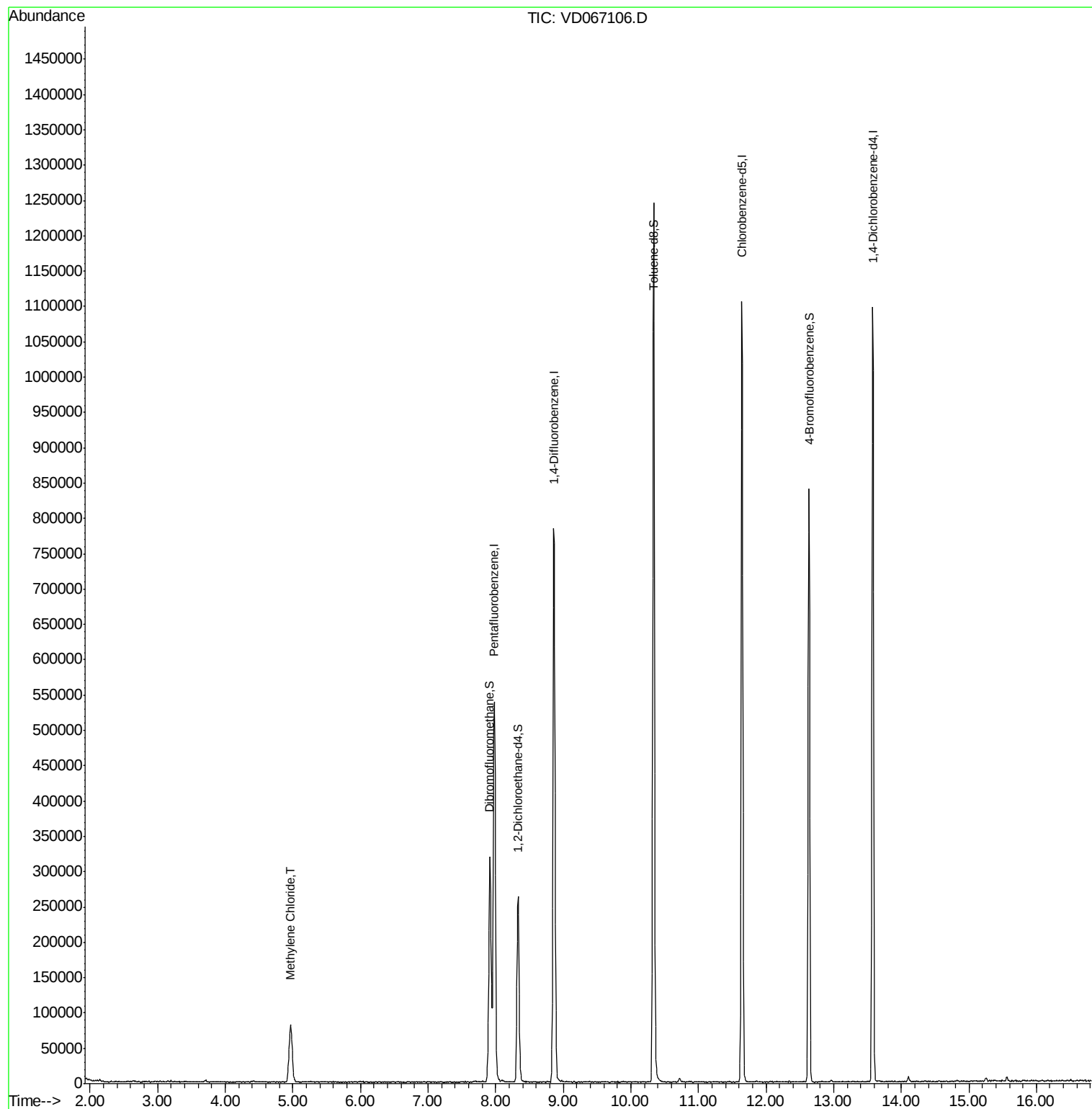
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	420056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	721409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	674426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	214490	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.92	113	233977	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.34	98	843646	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.64	95	278828	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
20) Methylene Chloride	4.97	84	71532	10.587	ug/l	Qvalue 96

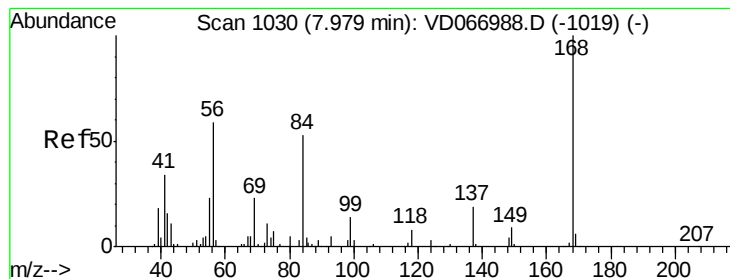
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

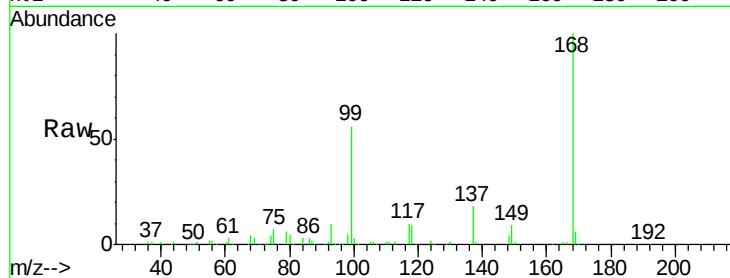
GIS-4-(6)

Tot Ion:168 Resp: 420056

Ion Ratio Lower Upper

168 100

99 55.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

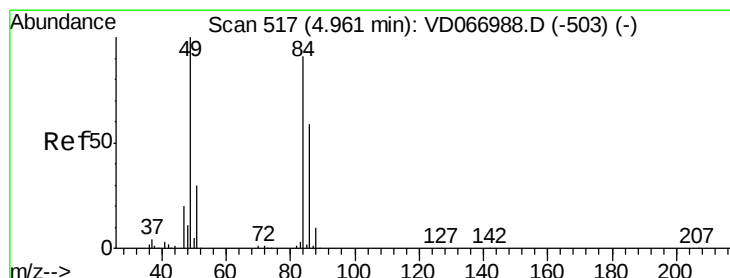
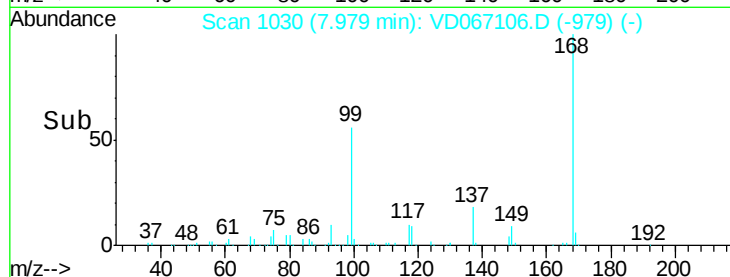
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.587 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

Tgt Ion: 84 Resp: 71532

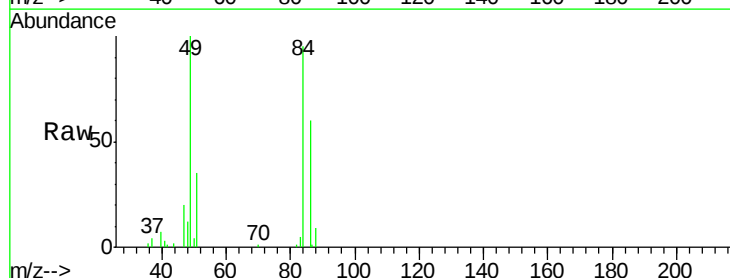
Ion Ratio Lower Upper

84 100

49 105.3 88.2 132.2

51 36.5 26.6 39.8

86 63.5 52.1 78.1



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.97

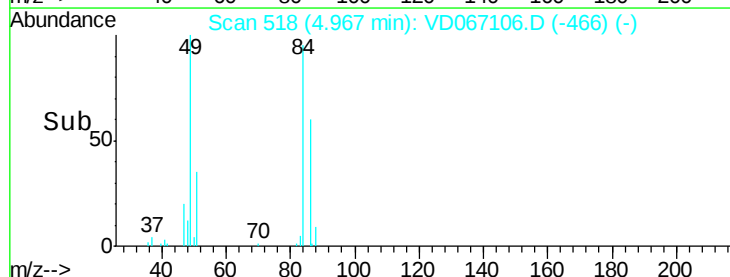
30000

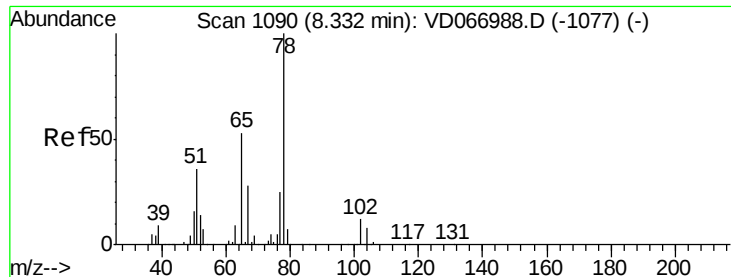
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.013 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

Instrument :

MSVOA_D

ClientSampled :

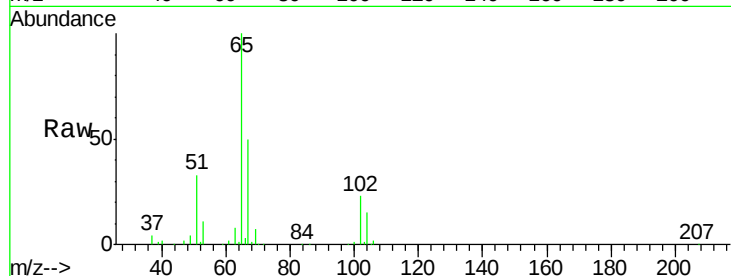
GIS-4-(6)

Tot Ion: 65 Resp: 214490

Ion Ratio Lower Upper

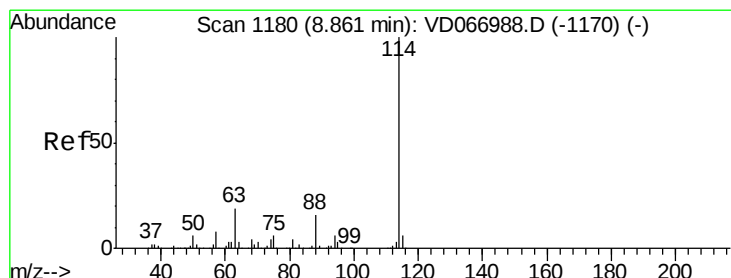
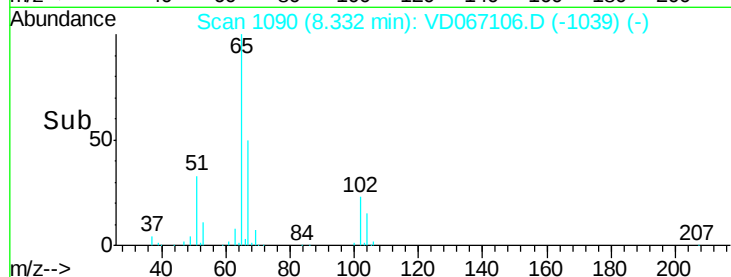
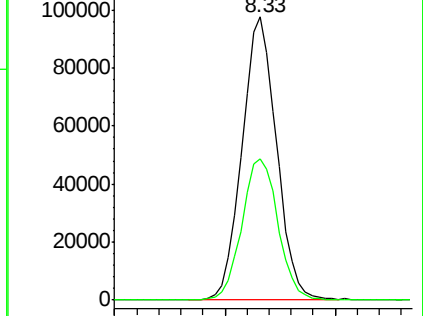
65 100

67 52.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

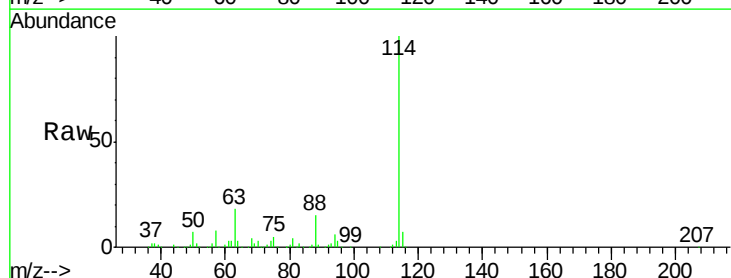
Tgt Ion: 114 Resp: 721409

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

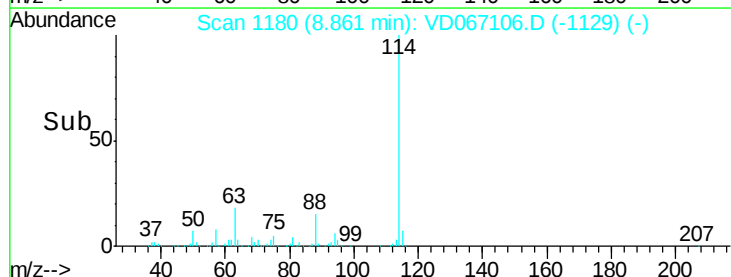
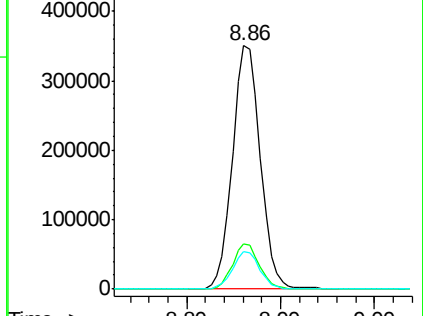
88 15.3 0.0 31.2

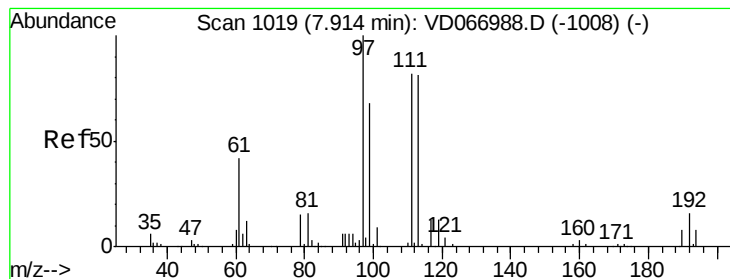


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.541 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

GIS-4-(6)

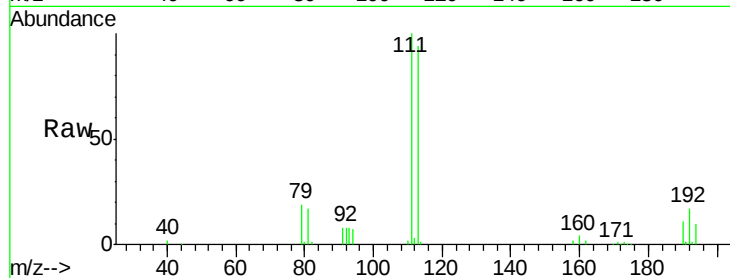
Tot Ion:113 Resp: 233977

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

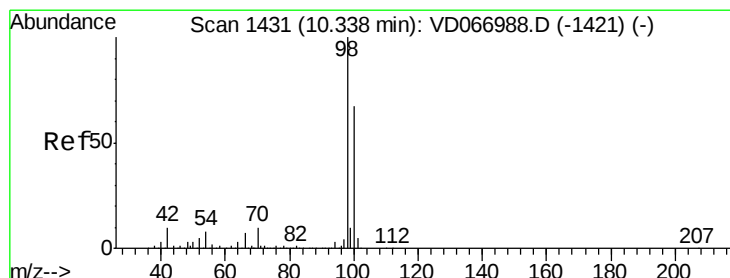
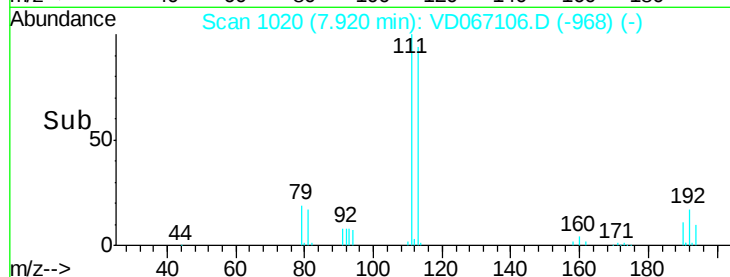
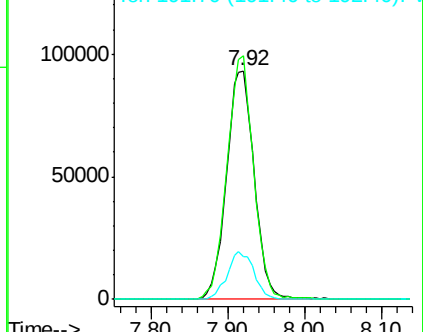
192 20.2 15.5 23.3



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: 49.021 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067106.D

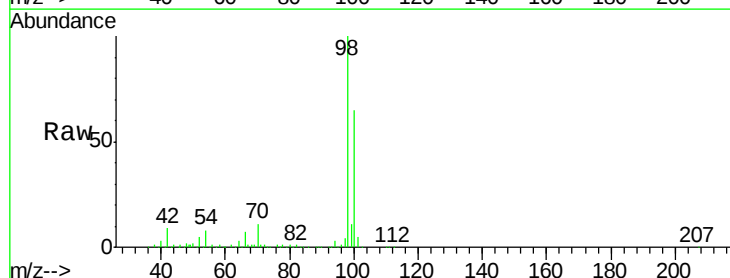
Acq: 06 Oct 2020 14:28

Tgt Ion: 98 Resp: 843646

Ion Ratio Lower Upper

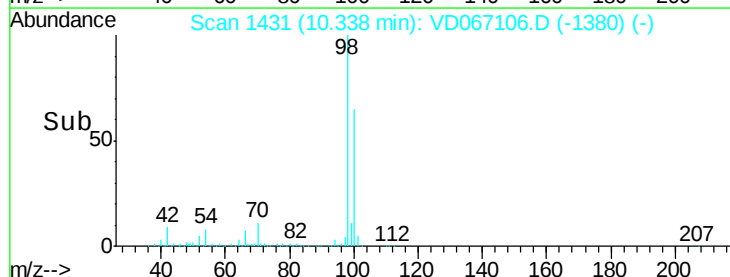
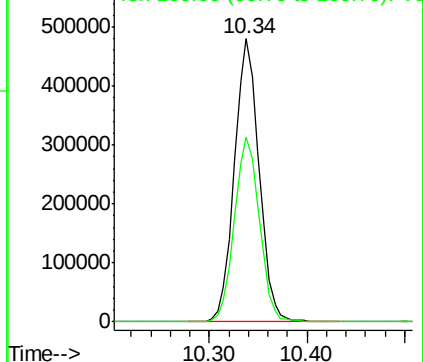
98 100

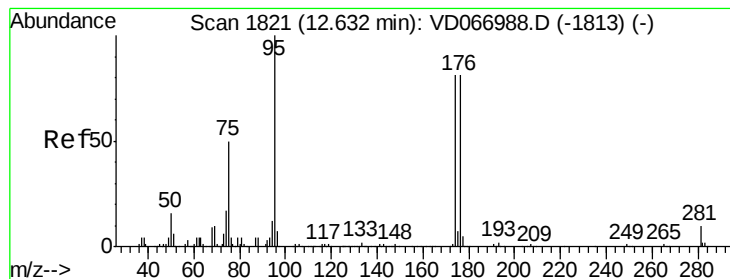
100 66.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.726 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

GIS-4-(6)

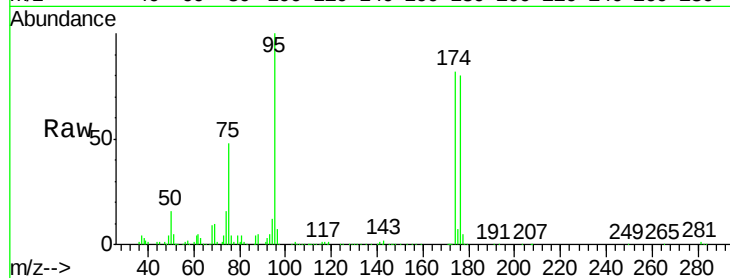
Tot Ion: 95 Resp: 278828

Ion Ratio Lower Upper

95 100

174 83.9 0.0 167.6

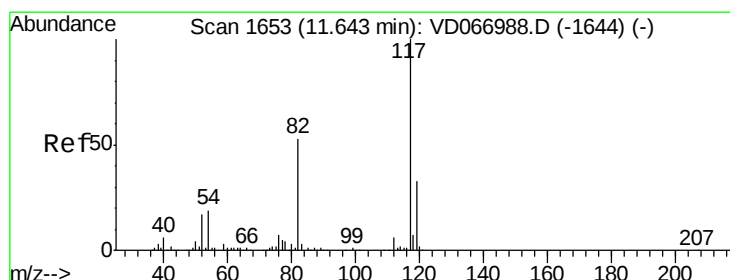
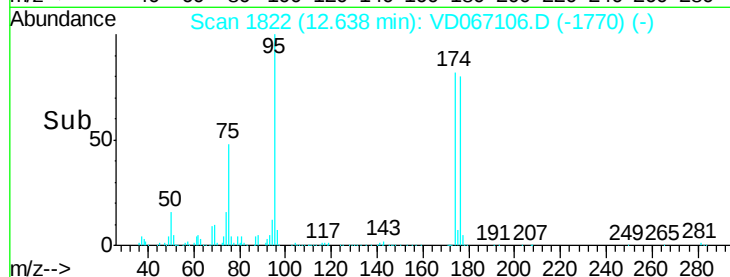
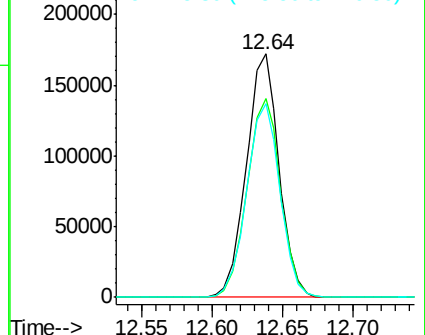
176 81.5 0.0 162.4



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: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

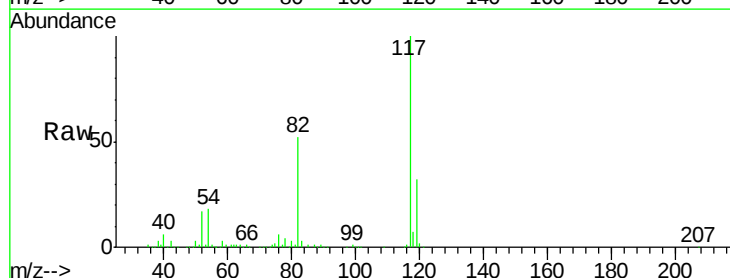
Tgt Ion: 117 Resp: 674426

Ion Ratio Lower Upper

117 100

82 51.8 42.6 63.8

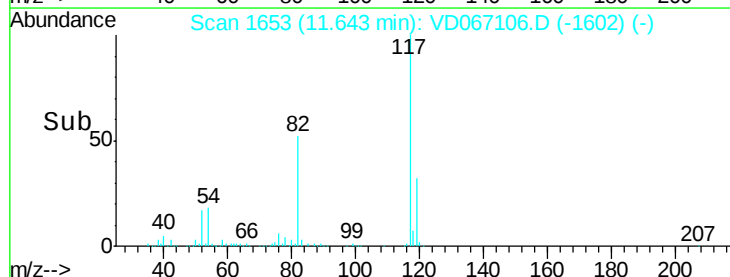
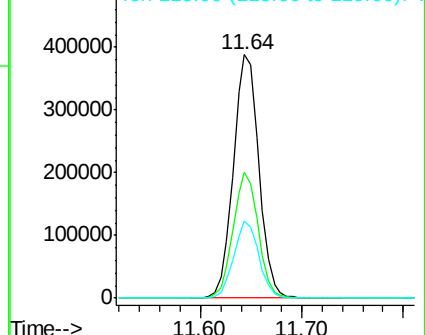
119 31.6 26.3 39.5

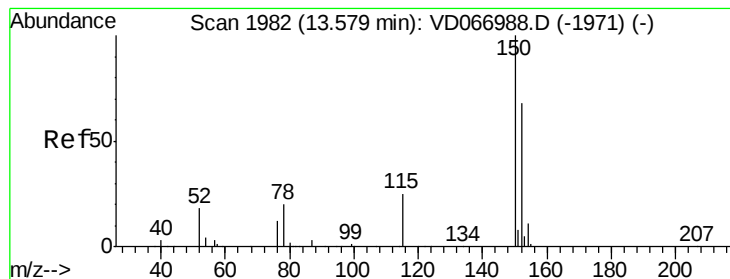


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. 0.00 min

Lab File: VD067106.D

Acq: 06 Oct 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

GIS-4-(6)

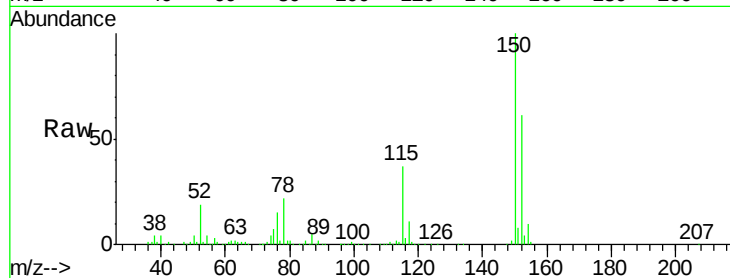
Tot Ion:152 Resp: 307981

Ion Ratio Lower Upper

152 100

115 58.8 29.6 88.8

150 155.5 0.0 344.8



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

