

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067166.D
 Acq On : 07 Oct 2020 22:51
 Operator : VA/SY
 Sample : VD1007SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBL02

Quant Time: Oct 08 08:37:32 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	313684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	527190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	496302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	230504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	178965	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
35) Dibromofluoromethane	7.91	113	188606	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
50) Toluene-d8	10.34	98	648354	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.64	95	219109	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

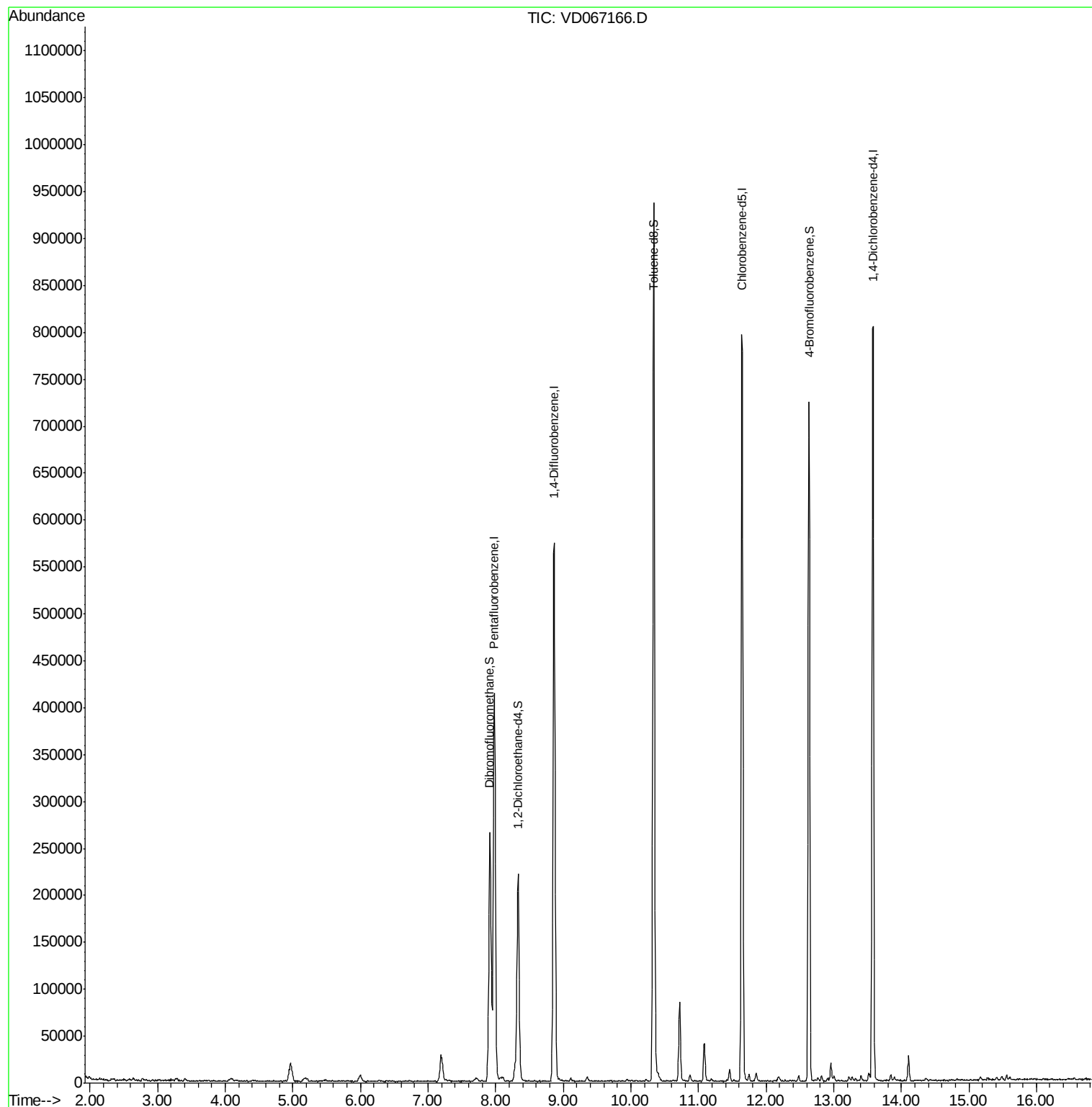
Target Compounds	Qvalue

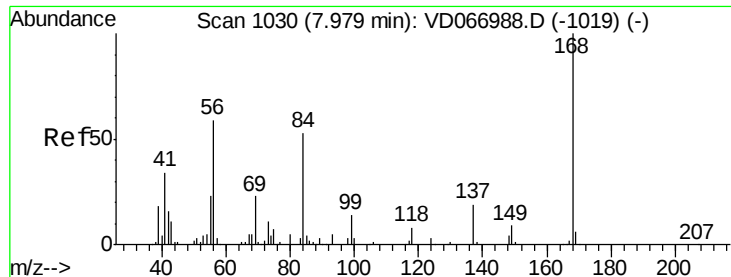
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067166.D

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Instrument :

MSVOA_D

ClientSampleId :

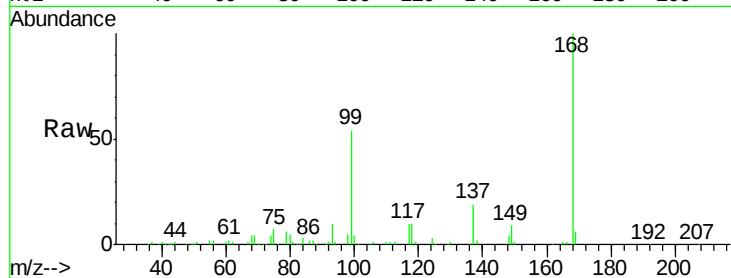
VD1007SBL02

Tot Ion:168 Resp: 313684

Ion Ratio Lower Upper

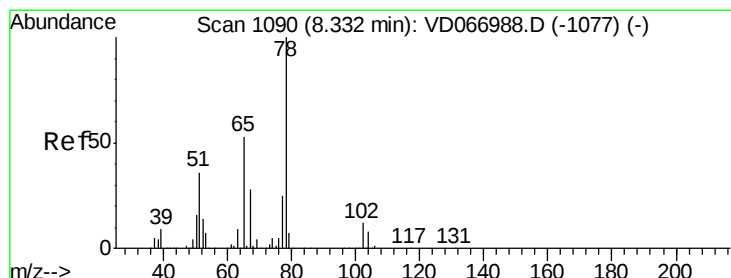
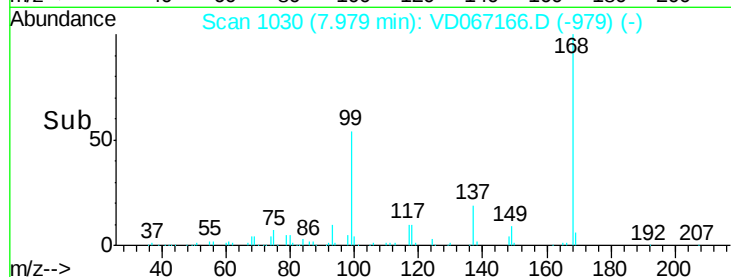
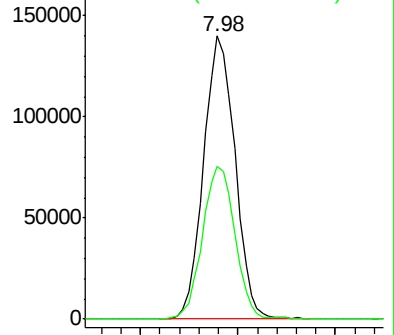
168 100

99 53.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.233 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067166.D

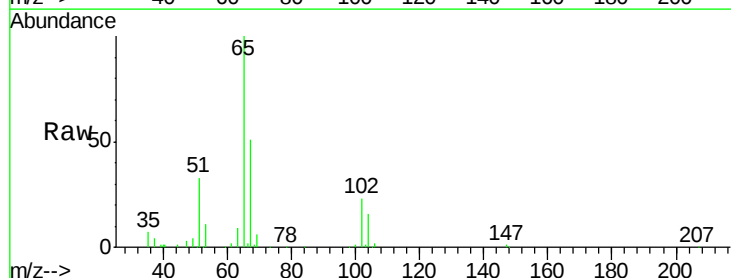
Acq: 07 Oct 2020 22:51

Tgt Ion: 65 Resp: 178965

Ion Ratio Lower Upper

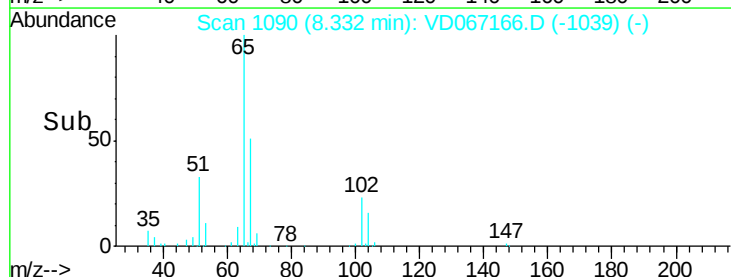
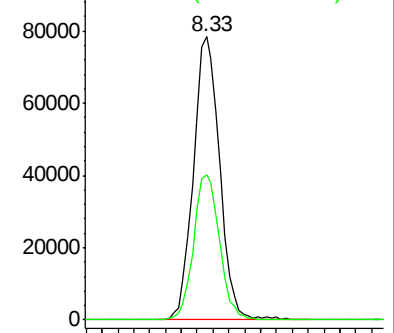
65 100

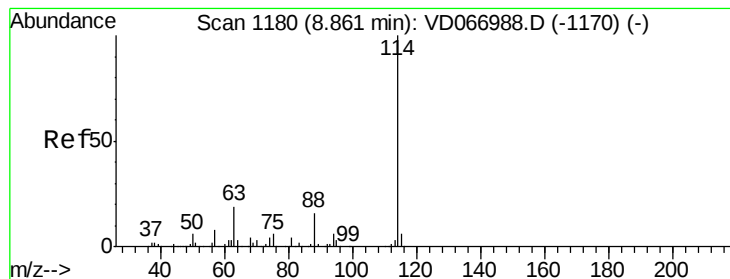
67 50.6 0.0 106.8



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: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067166.D

Acq: 07 Oct 2020 22:51

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBL02

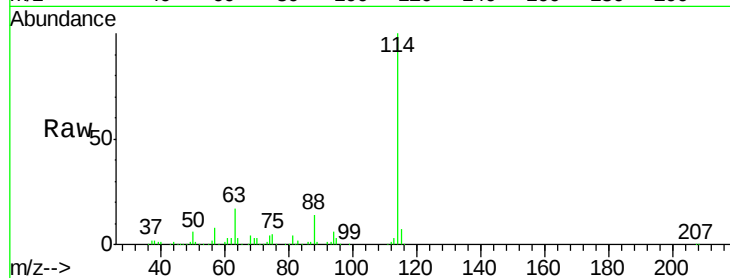
Tot Ion:114 Resp: 527190

Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.4

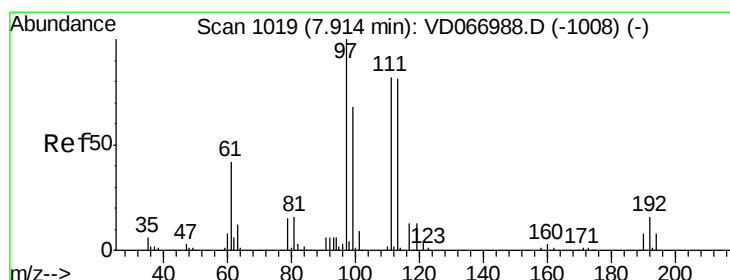
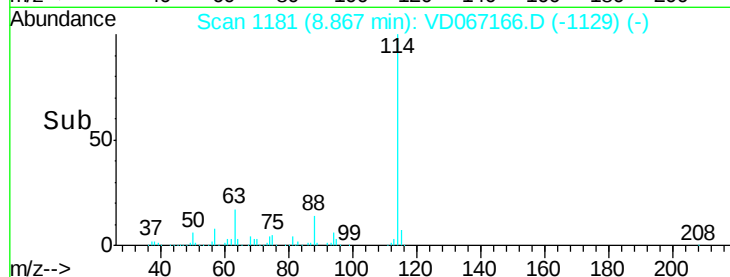
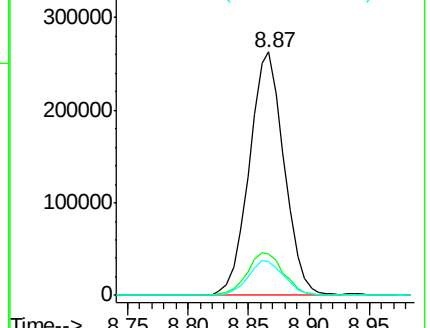
88 13.7 0.0 31.2



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



#35

Dibromofluoromethane

Concen: 54.646 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067166.D

Acq: 07 Oct 2020 22:51

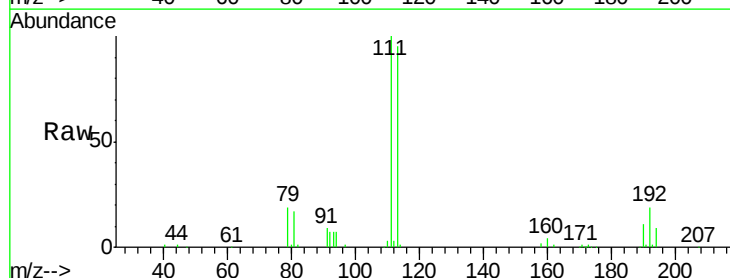
Tgt Ion:113 Resp: 188606

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.4

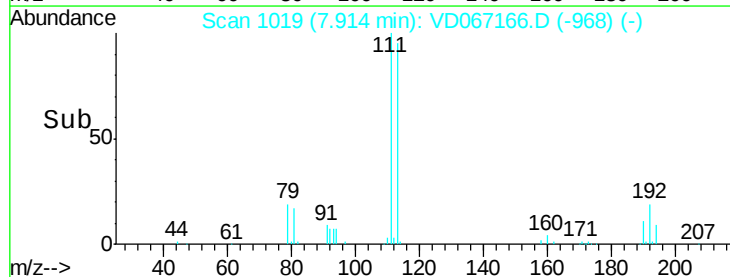
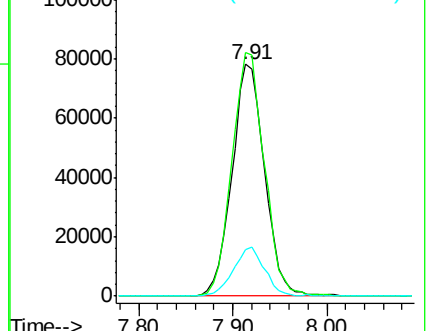
192 20.1 15.5 23.3

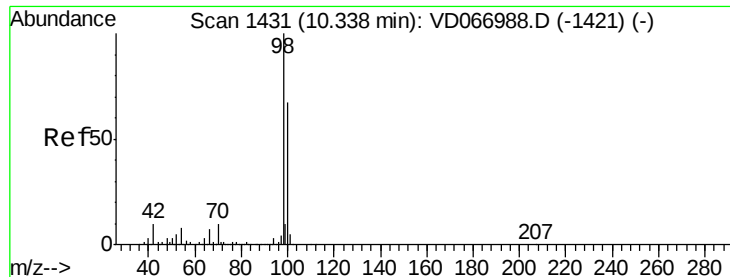


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.553 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067166.D

Acq: 07 Oct 2020 22:51

Instrument :

MSVOA_D

ClientSampleId :

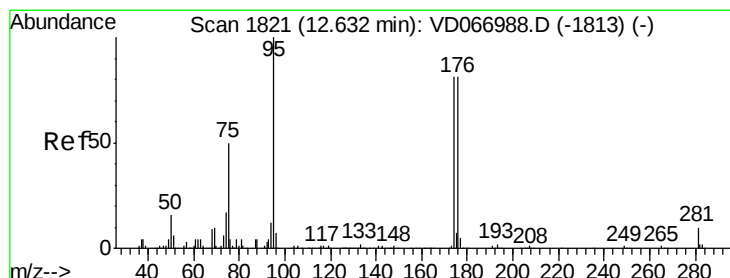
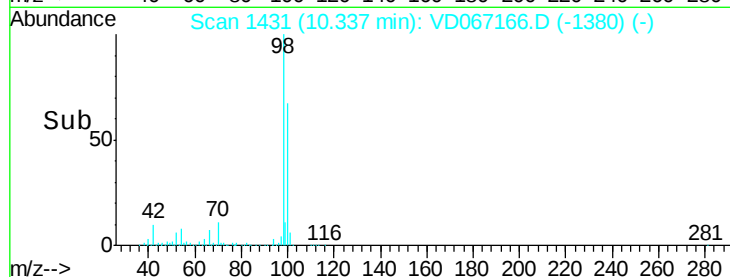
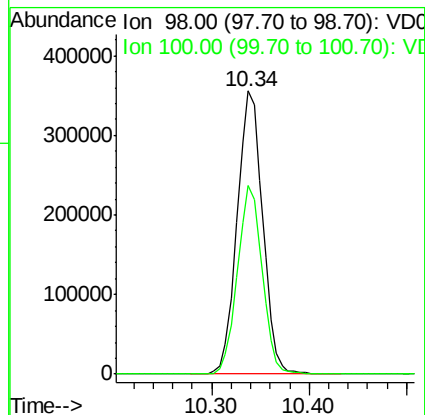
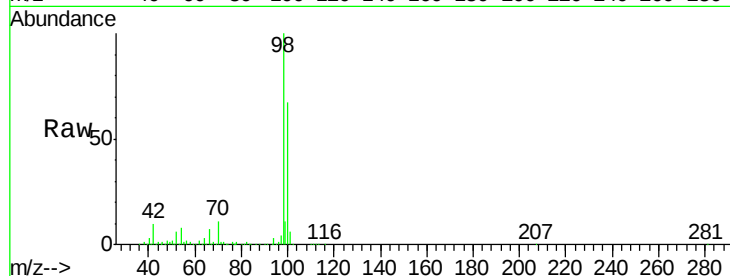
VD1007SBL02

Tot Ion: 98 Resp: 648354

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 51.320 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067166.D

Acq: 07 Oct 2020 22:51

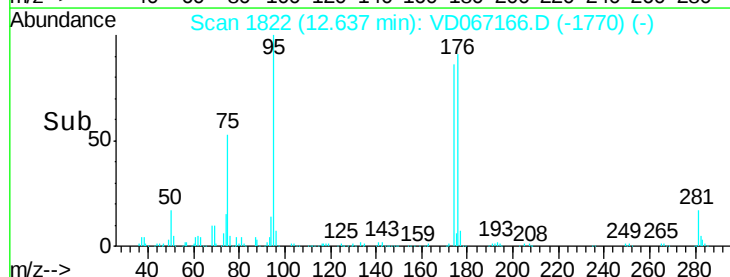
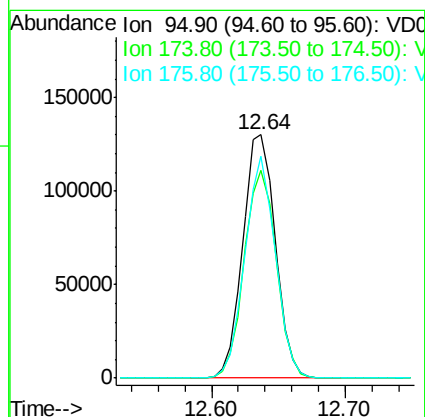
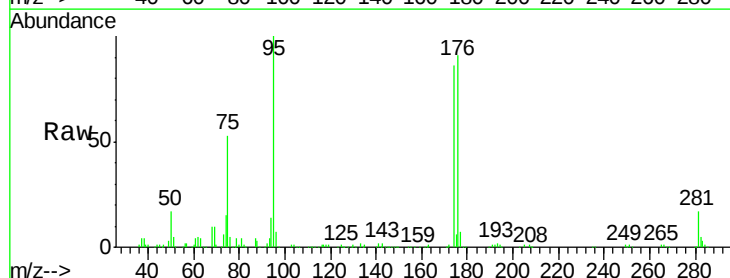
Tgt Ion: 95 Resp: 219109

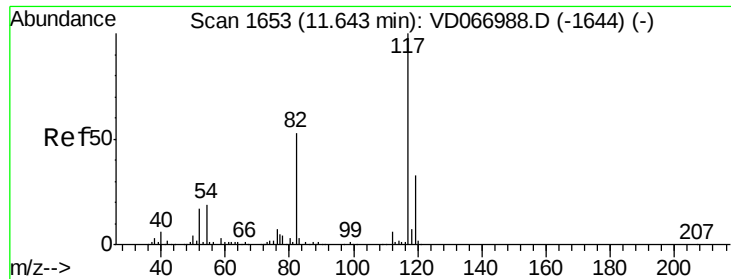
Ion Ratio Lower Upper

95 100

174 84.2 0.0 167.6

176 85.5 0.0 162.4

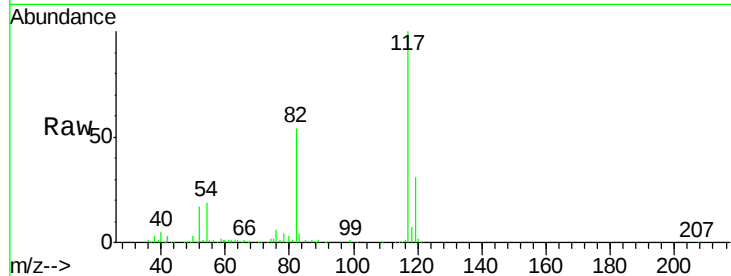




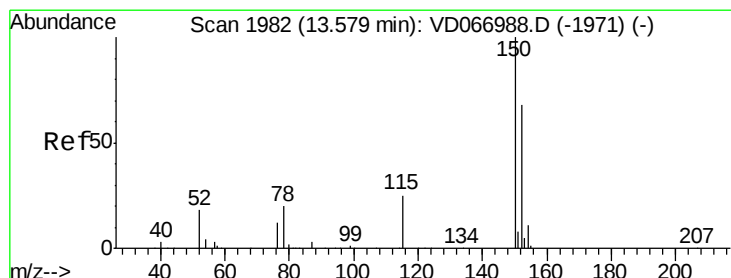
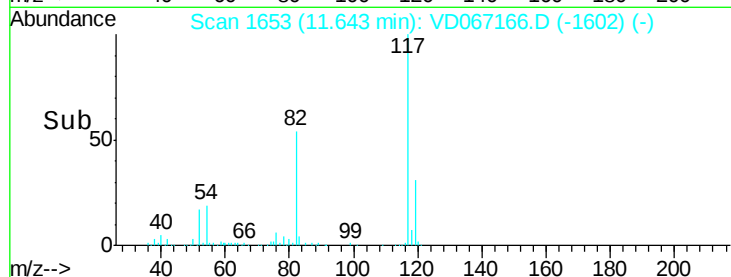
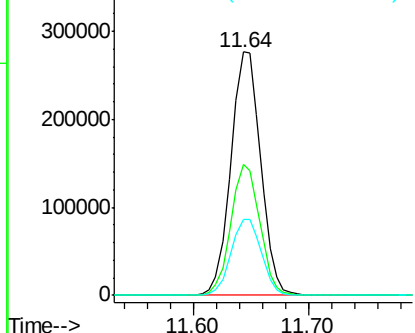
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067166.D
Acq: 07 Oct 2020 22:51

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL02

Tot Ion:117 Resp: 496302
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 31.4 26.3 39.5

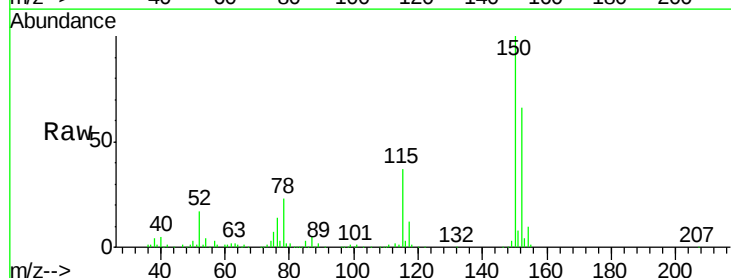


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067166.D
Acq: 07 Oct 2020 22:51

Tgt Ion:152 Resp: 230504
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 156.9 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

