

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067107.D
 Acq On : 06 Oct 2020 14:55
 Operator : VA/SY
 Sample : L4272-24
 Misc : 7.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-1-(6.5)

Quant Time: Oct 07 01:41:12 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	408640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	698015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	648183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297258	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	211392	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.91	113	229416	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.34	98	822889	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.63	95	269008	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

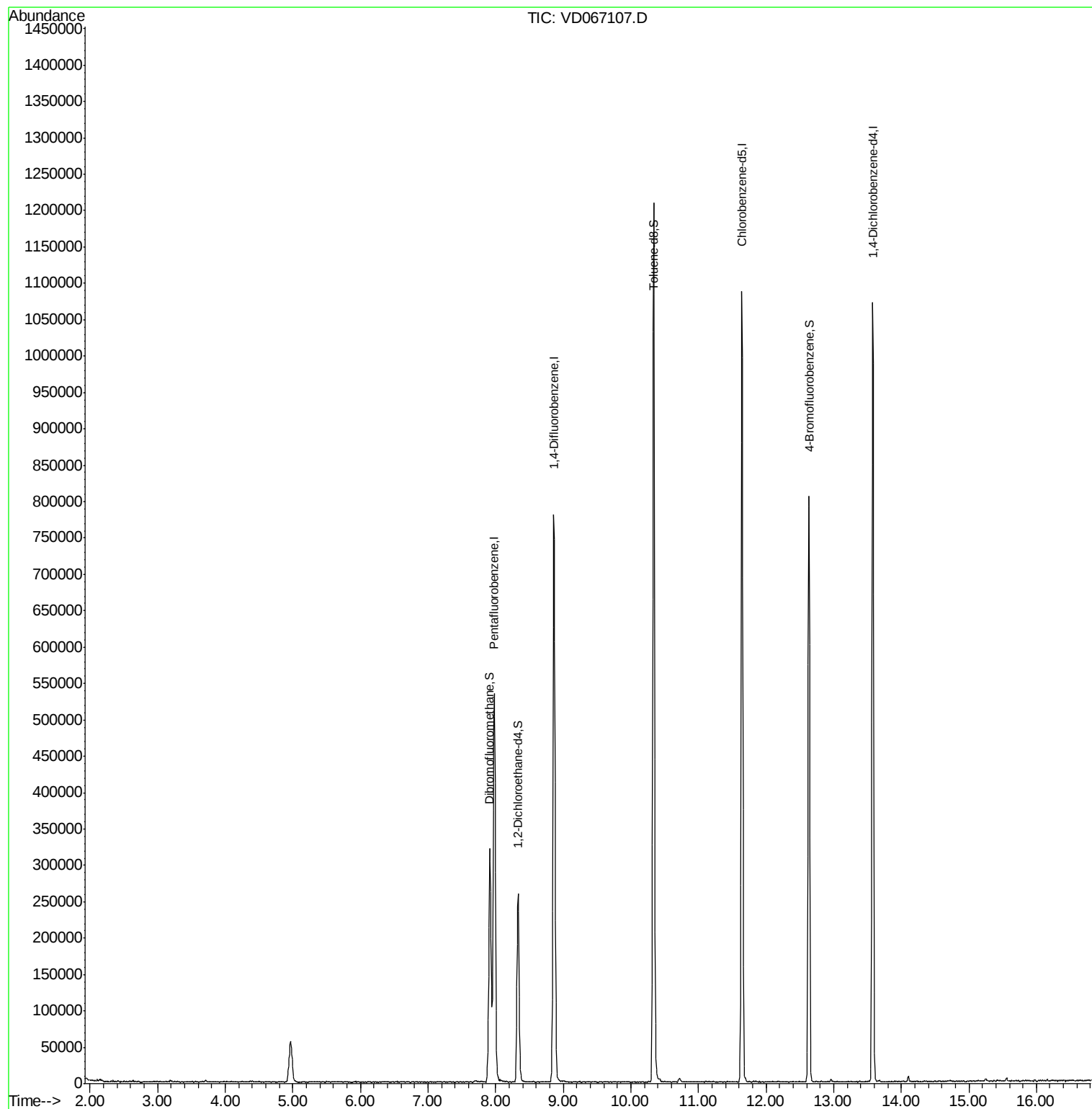
Target Compounds	Qvalue

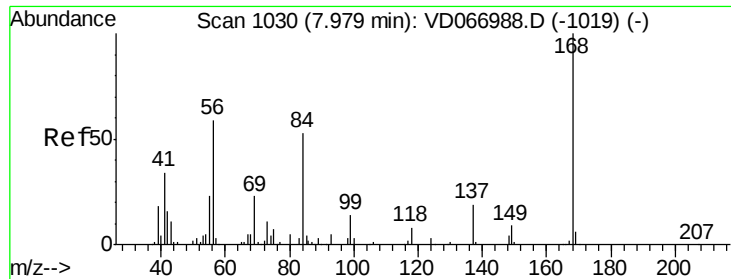
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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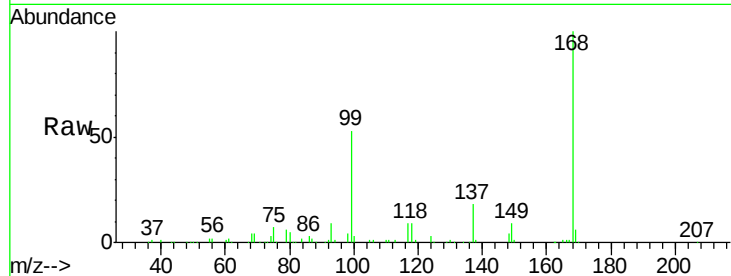




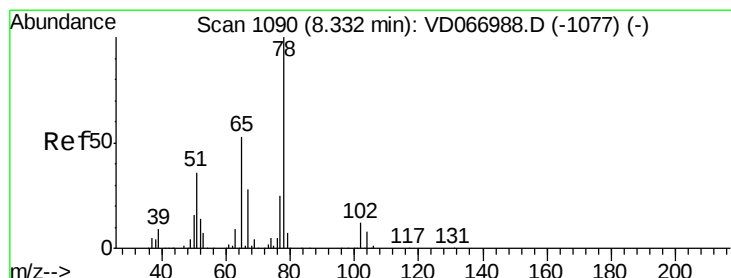
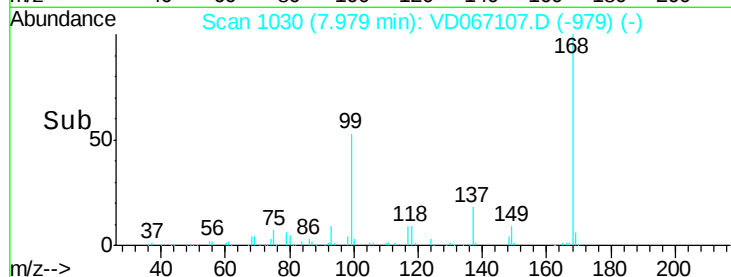
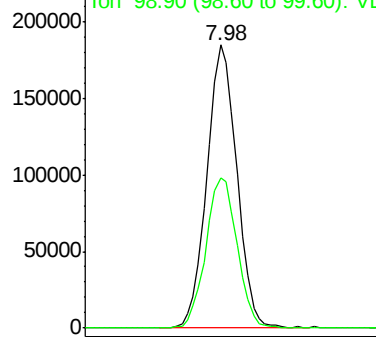
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD067107.D
Acq: 06 Oct 2020 14:55

Instrument :
MSVOA_D
ClientSampleId :
SC-1-(6.5)

Tot Ion:168 Resp: 408640
Ion Ratio Lower Upper
168 100
99 52.9 44.1 66.1

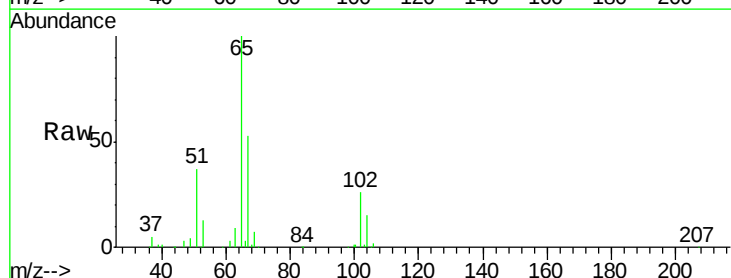


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

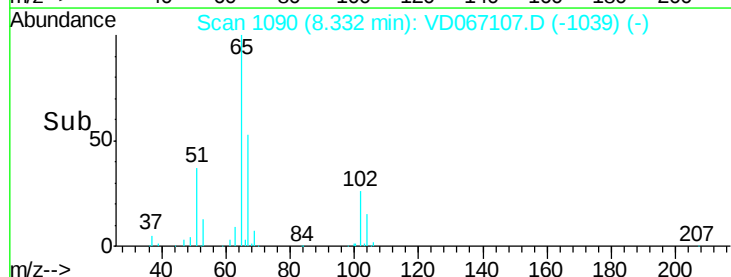
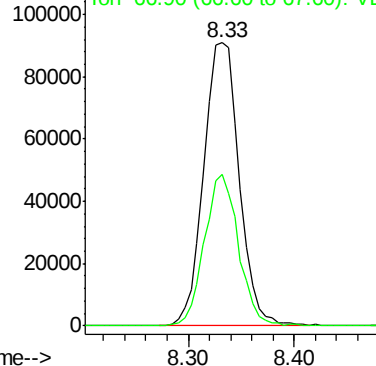


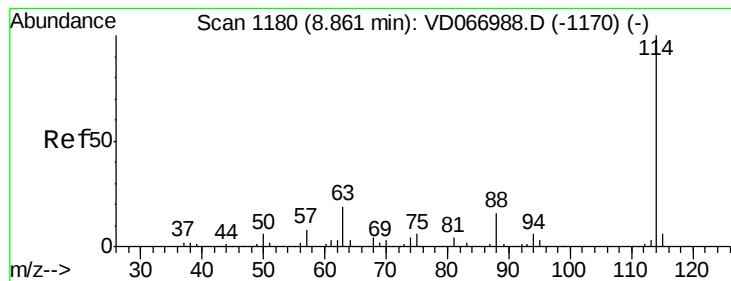
#33
1,2-Dichloroethane-d4
Concen: 53.707 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067107.D
Acq: 06 Oct 2020 14:55

Tgt Ion: 65 Resp: 211392
Ion Ratio Lower Upper
65 100
67 51.4 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: VD067107.D

Acq: 06 Oct 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

SC-1-(6.5)

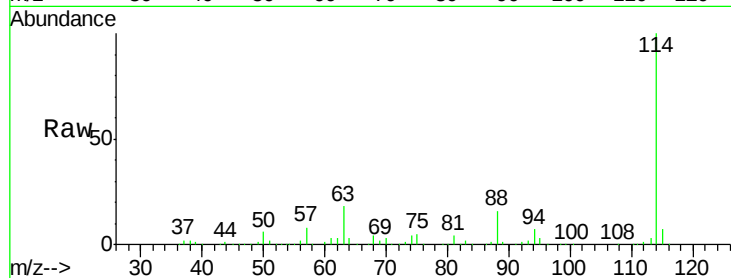
Tot Ion:114 Resp: 698015

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

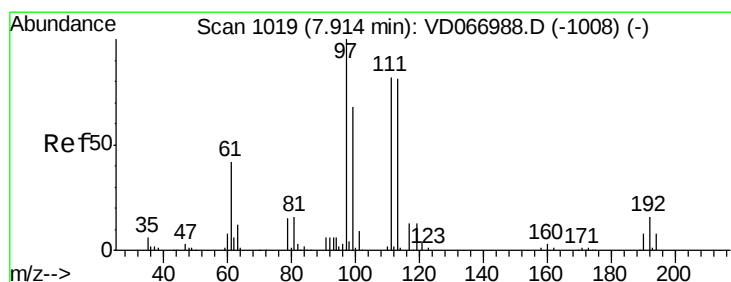
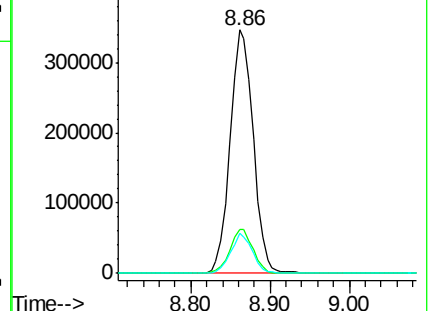
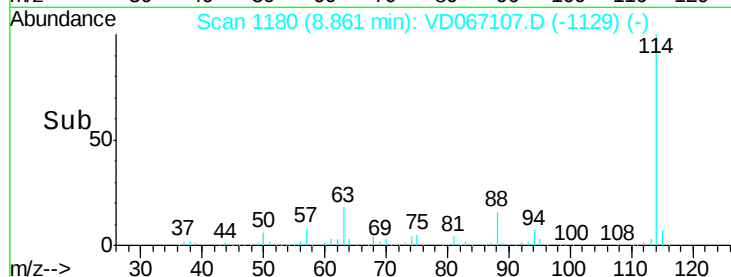
88 16.3 0.0 31.2



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: 50.203 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067107.D

Acq: 06 Oct 2020 14:55

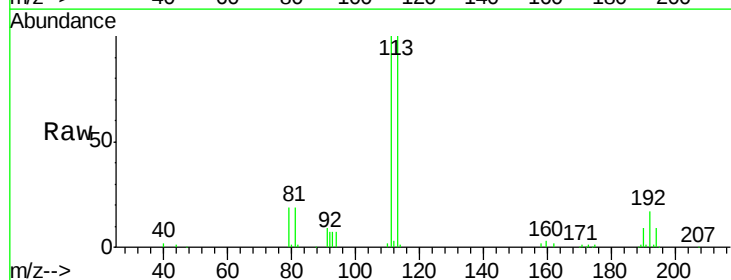
Tgt Ion:113 Resp: 229416

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

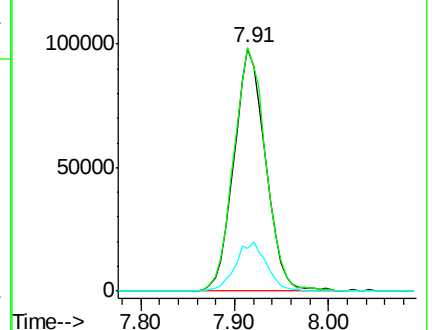
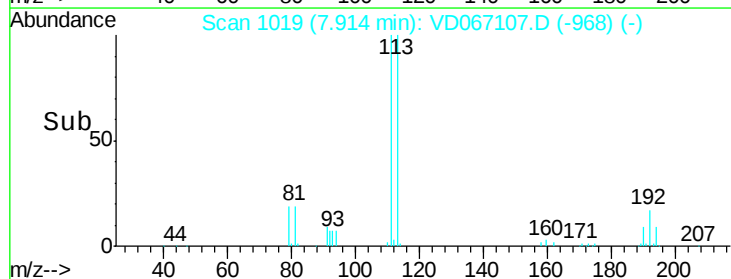
192 19.9 15.5 23.3

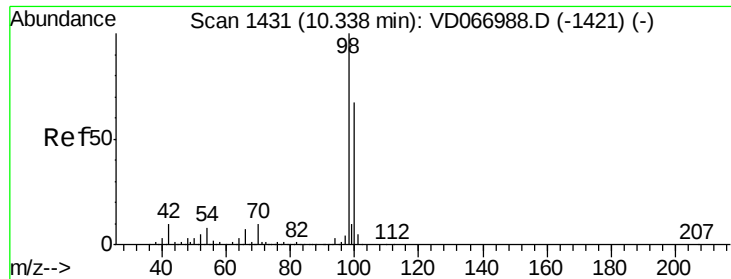


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.418 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067107.D

Acq: 06 Oct 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

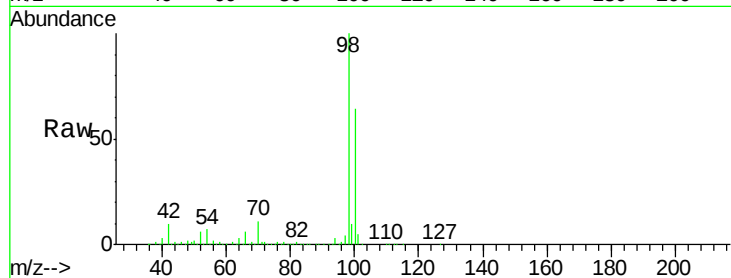
SC-1-(6.5)

Tot Ion: 98 Resp: 822889

Ion Ratio Lower Upper

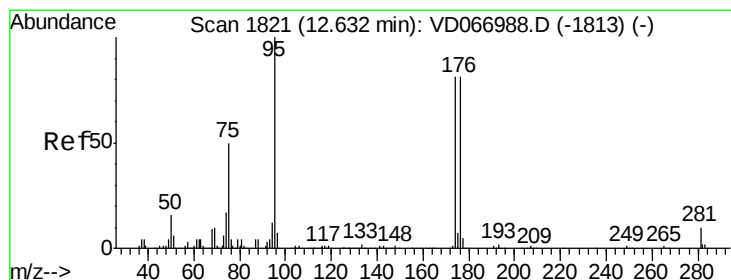
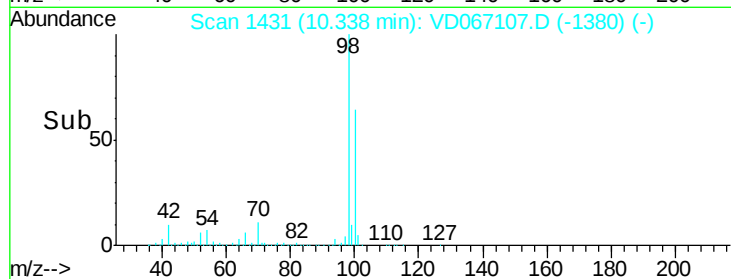
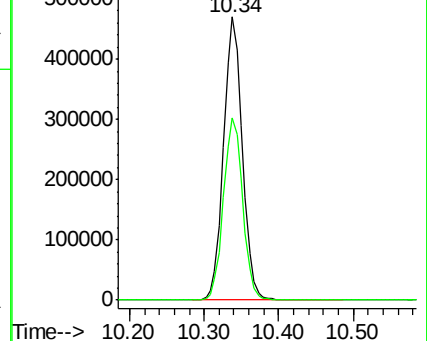
98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.588 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067107.D

Acq: 06 Oct 2020 14:55

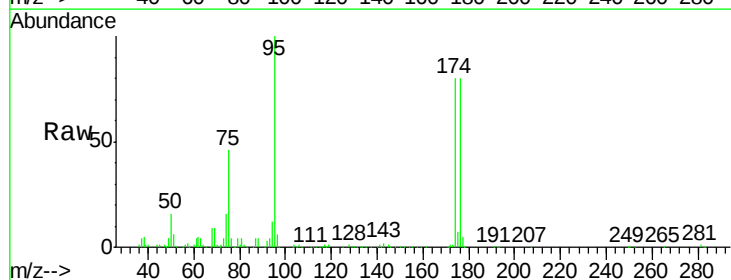
Tgt Ion: 95 Resp: 269008

Ion Ratio Lower Upper

95 100

174 84.8 0.0 167.6

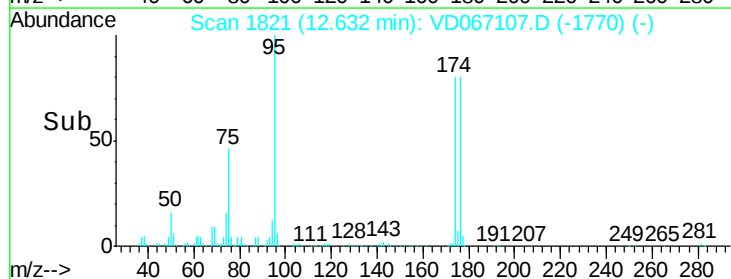
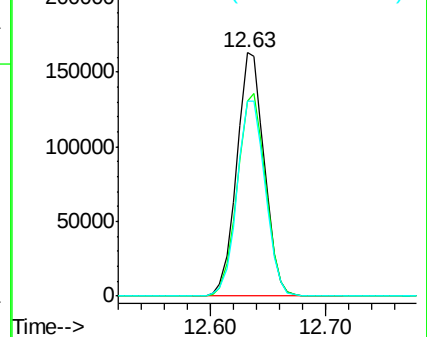
176 81.9 0.0 162.4

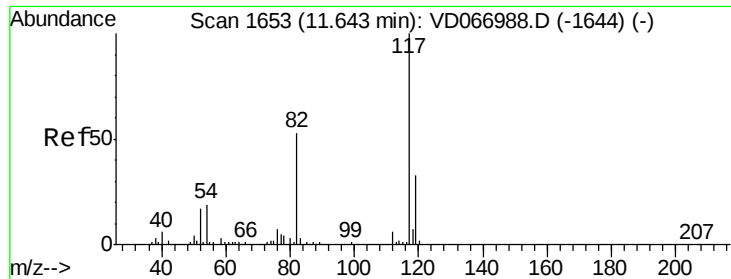


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

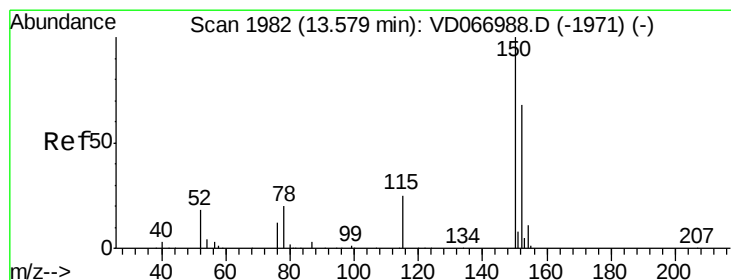
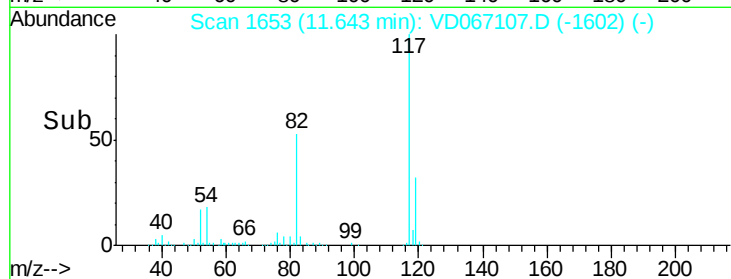
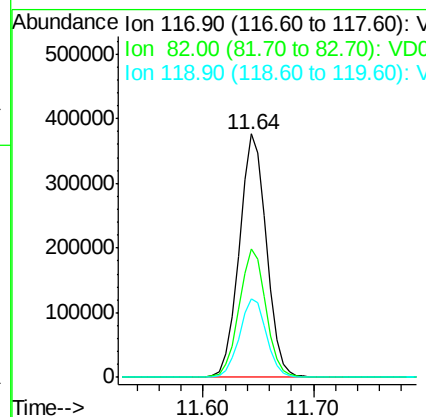
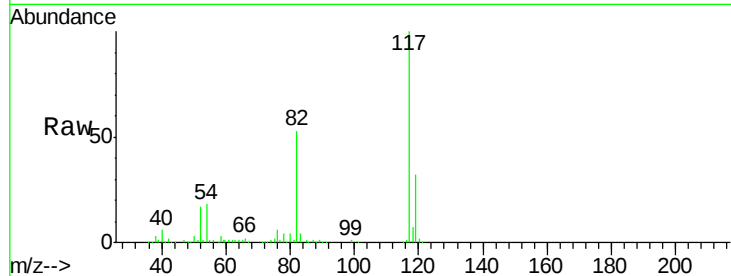




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067107.D
Acq: 06 Oct 2020 14:55

Instrument :
MSVOA_D
ClientSampleId :
SC-1-(6.5)

Tot Ion:117 Resp: 648183
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067107.D
Acq: 06 Oct 2020 14:55

Tgt Ion:152 Resp: 297258
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.8
150 156.2 0.0 344.8

