

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067233.D
 Acq On : 12 Oct 2020 14:53
 Operator : VA/SY
 Sample : L4337-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Oct 13 00:45:35 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	362599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	583499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	540021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254351	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	175229	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.91	113	184569	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.34	98	668117	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.64	95	229569	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

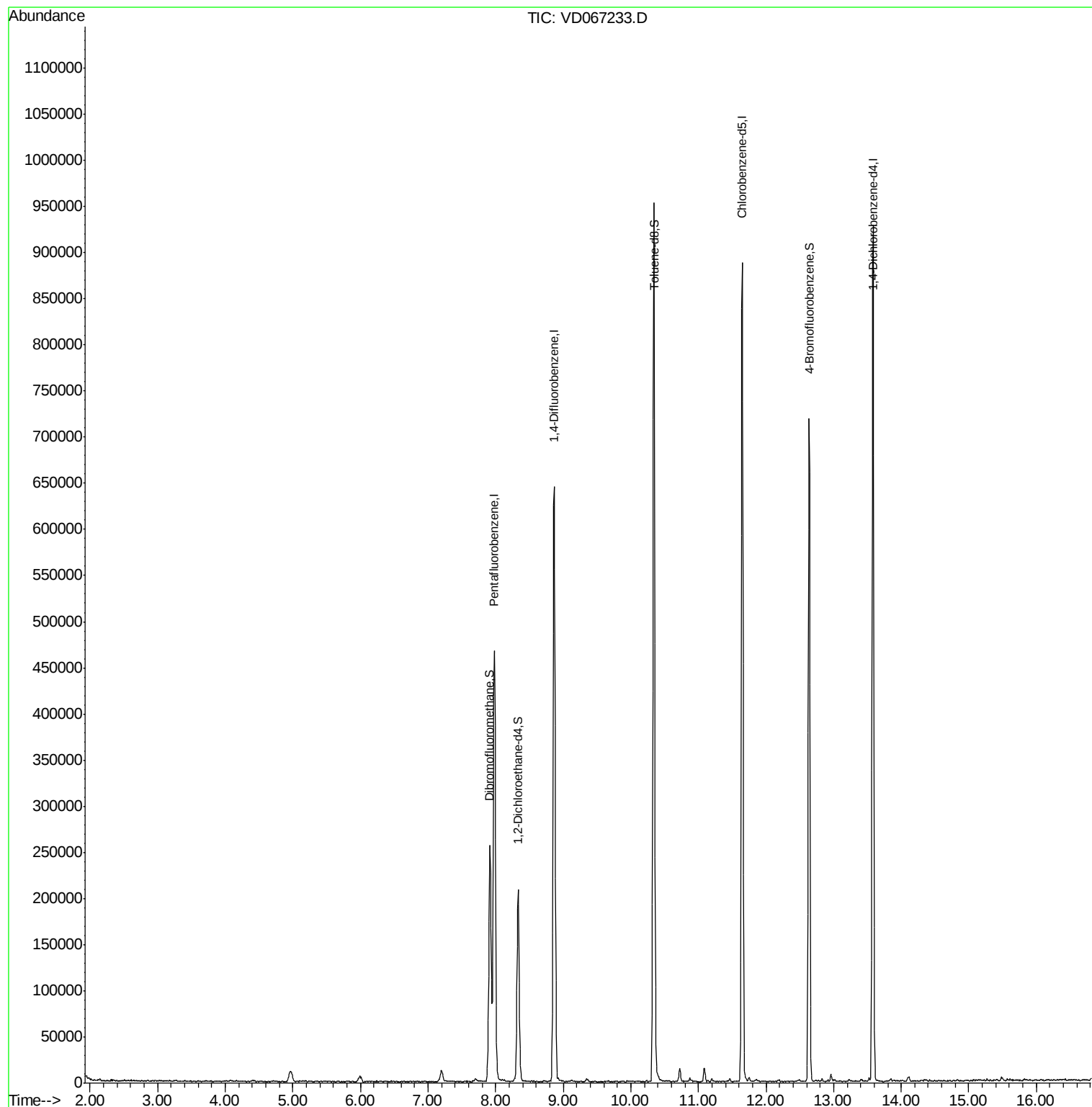
Target Compounds	Qvalue

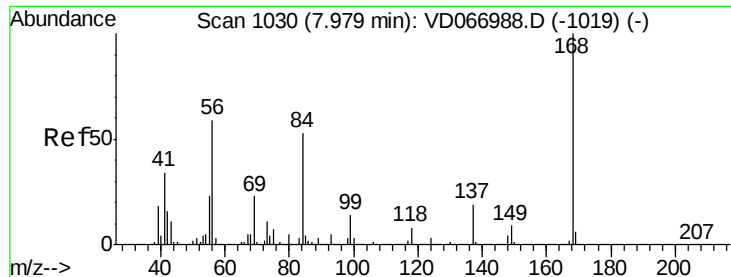
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VD067233.D

Acq: 12 Oct 2020 14:53

Instrument :

MSVOA_D

ClientSampled :

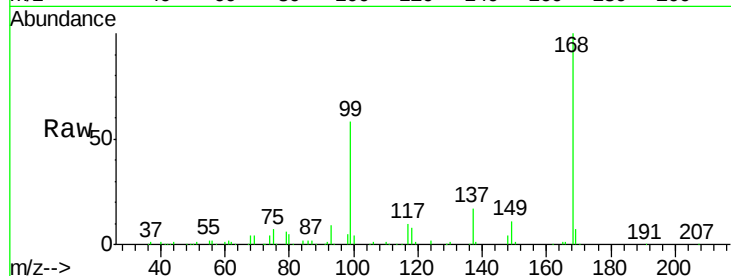
TP-4

Tot Ion:168 Resp: 362599

Ion Ratio Lower Upper

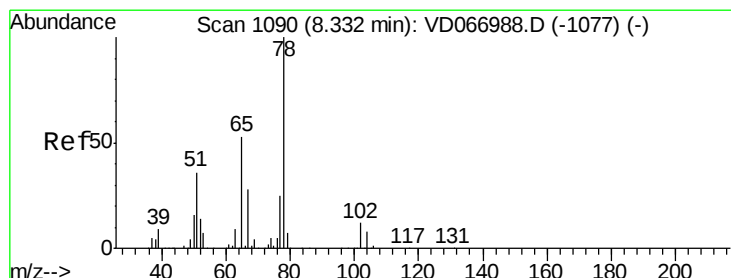
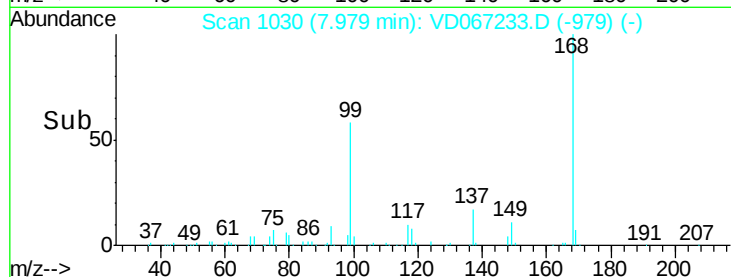
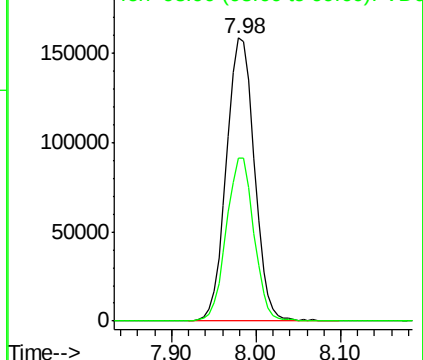
168 100

99 57.6 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: 50.172 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067233.D

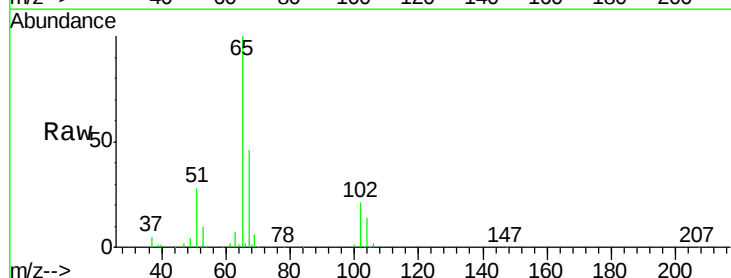
Acq: 12 Oct 2020 14:53

Tgt Ion: 65 Resp: 175229

Ion Ratio Lower Upper

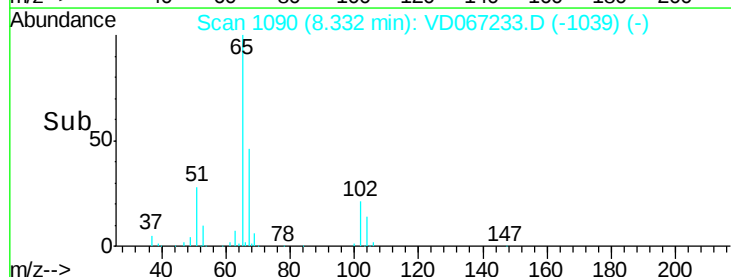
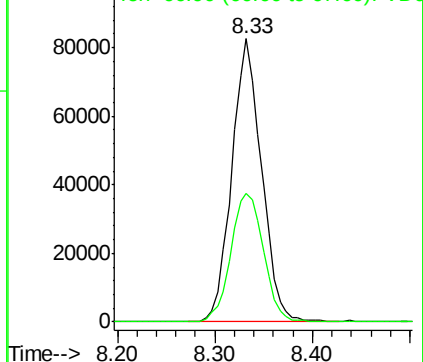
65 100

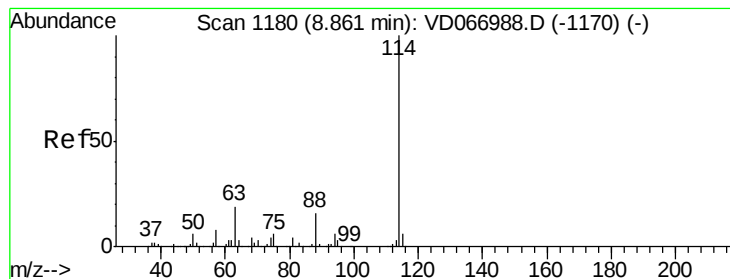
67 49.9 0.0 106.8



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: VD067233.D

Acq: 12 Oct 2020 14:53

Instrument :

MSVOA_D

ClientSampleId :

TP-4

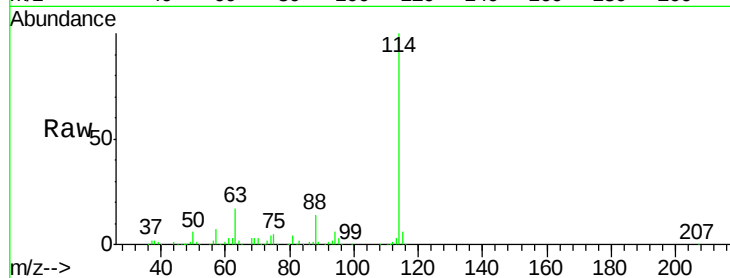
Tot Ion:114 Resp: 583499

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

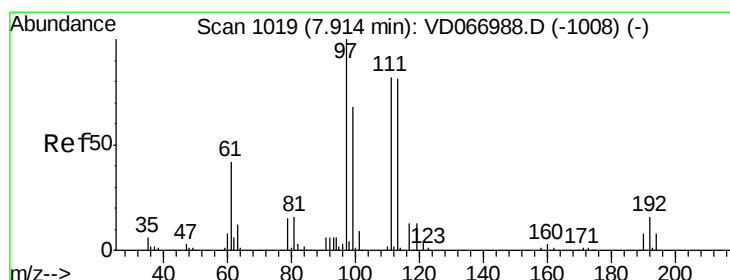
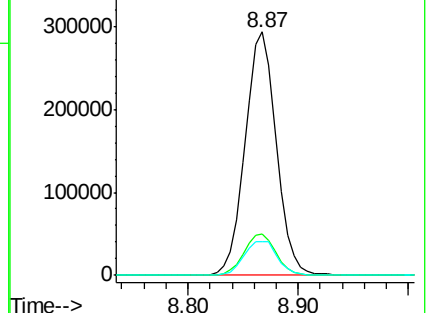
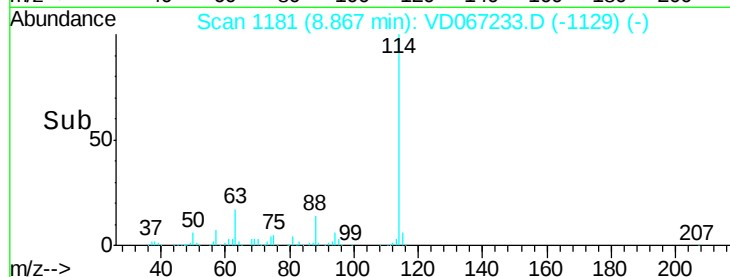
88 13.9 0.0 31.2



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: 48.316 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067233.D

Acq: 12 Oct 2020 14:53

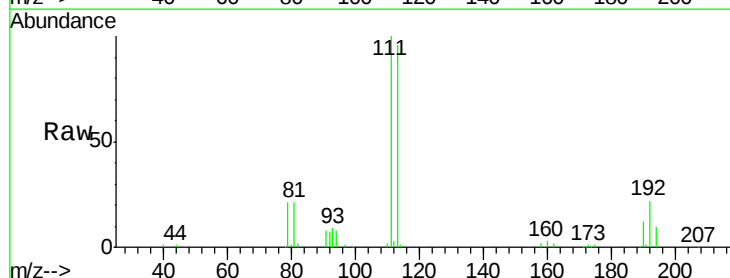
Tgt Ion:113 Resp: 184569

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

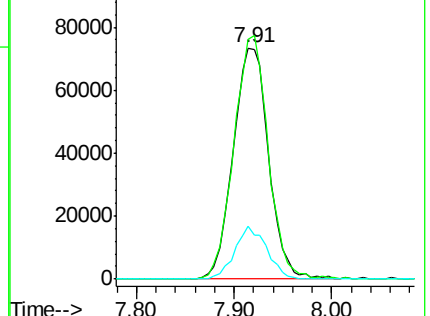
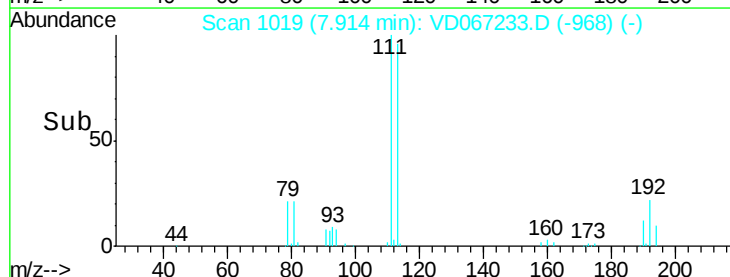
192 20.7 15.5 23.3

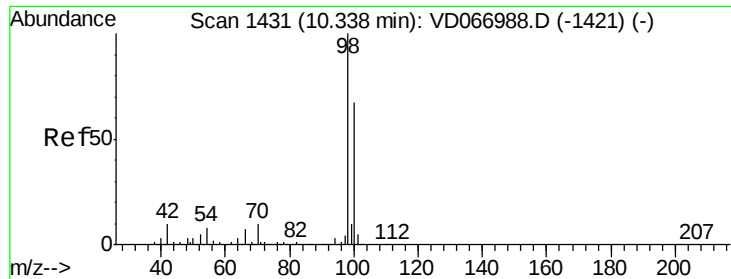


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.998 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067233.D

Acq: 12 Oct 2020 14:53

Instrument :

MSVOA_D

ClientSampleId :

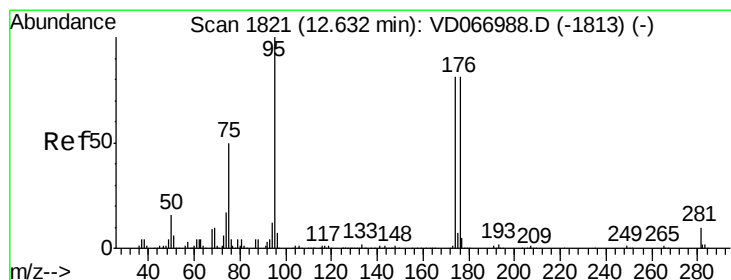
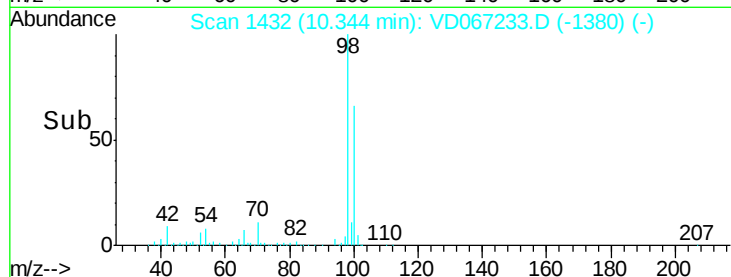
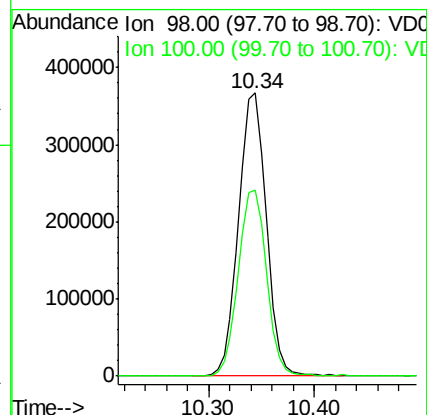
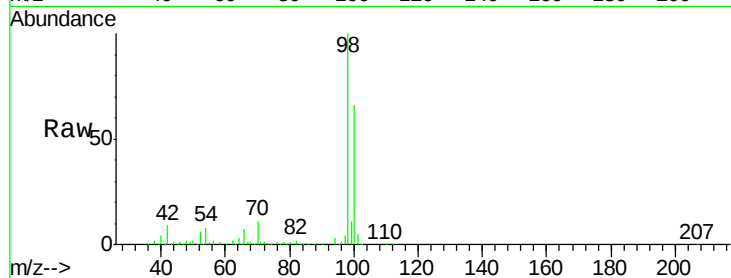
TP-4

Tot Ion: 98 Resp: 668117

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 48.581 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067233.D

Acq: 12 Oct 2020 14:53

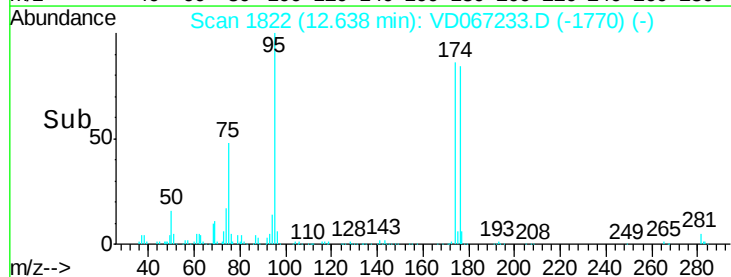
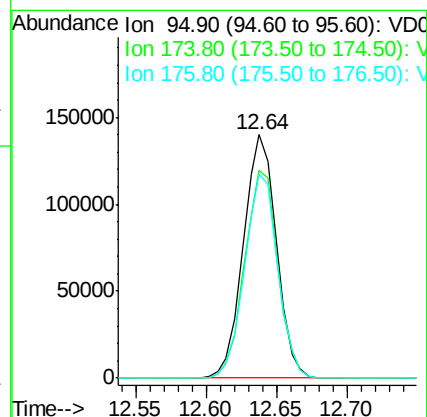
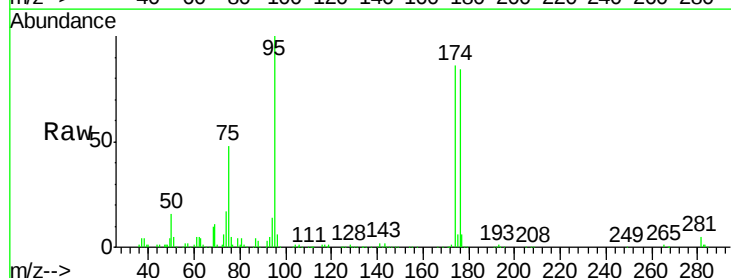
Tgt Ion: 95 Resp: 229569

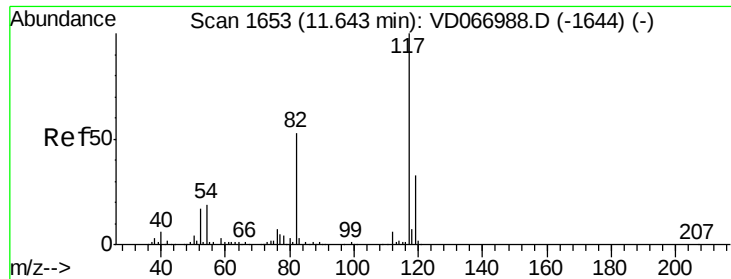
Ion Ratio Lower Upper

95 100

174 86.2 0.0 167.6

176 84.0 0.0 162.4

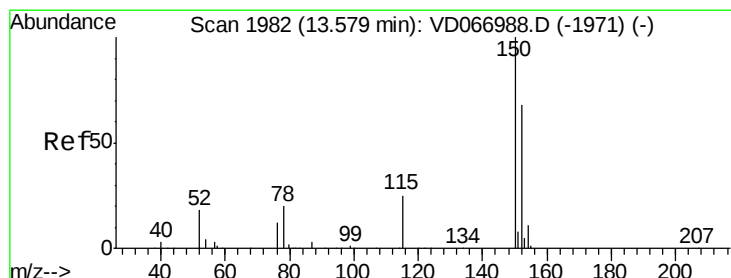
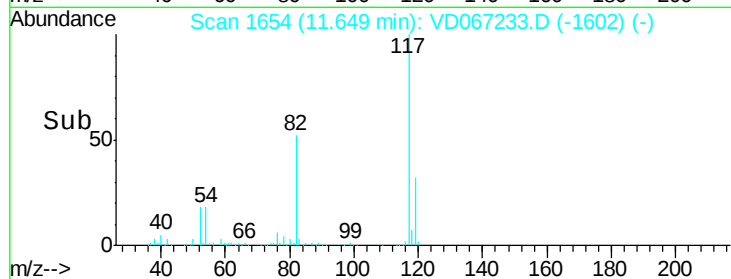
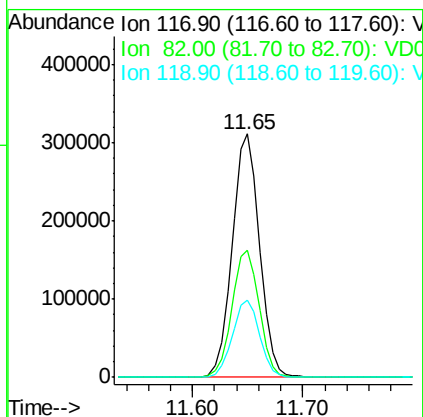
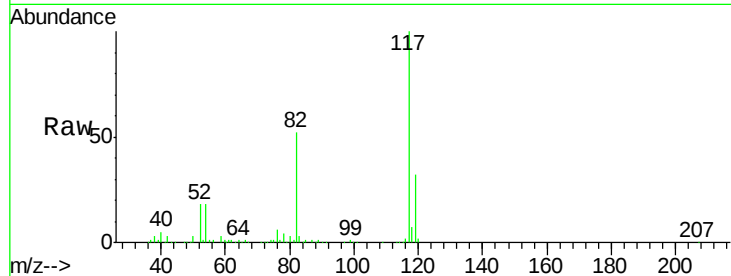




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067233.D
Acq: 12 Oct 2020 14:53

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:117 Resp: 540021
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067233.D
Acq: 12 Oct 2020 14:53

Tgt Ion:152 Resp: 254351
Ion Ratio Lower Upper
152 100
115 60.5 29.6 88.8
150 160.4 0.0 344.8

