

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067235.D
 Acq On : 12 Oct 2020 16:20
 Operator : VA/SY
 Sample : L4369-03
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-2

Quant Time: Oct 13 00:49:06 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	7.99	168	342261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	554127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	511571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	169929	51.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.10%	
35) Dibromofluoromethane	7.91	113	183948	50.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.42%	
50) Toluene-d8	10.34	98	638757	48.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.64	95	208733	46.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.02%	

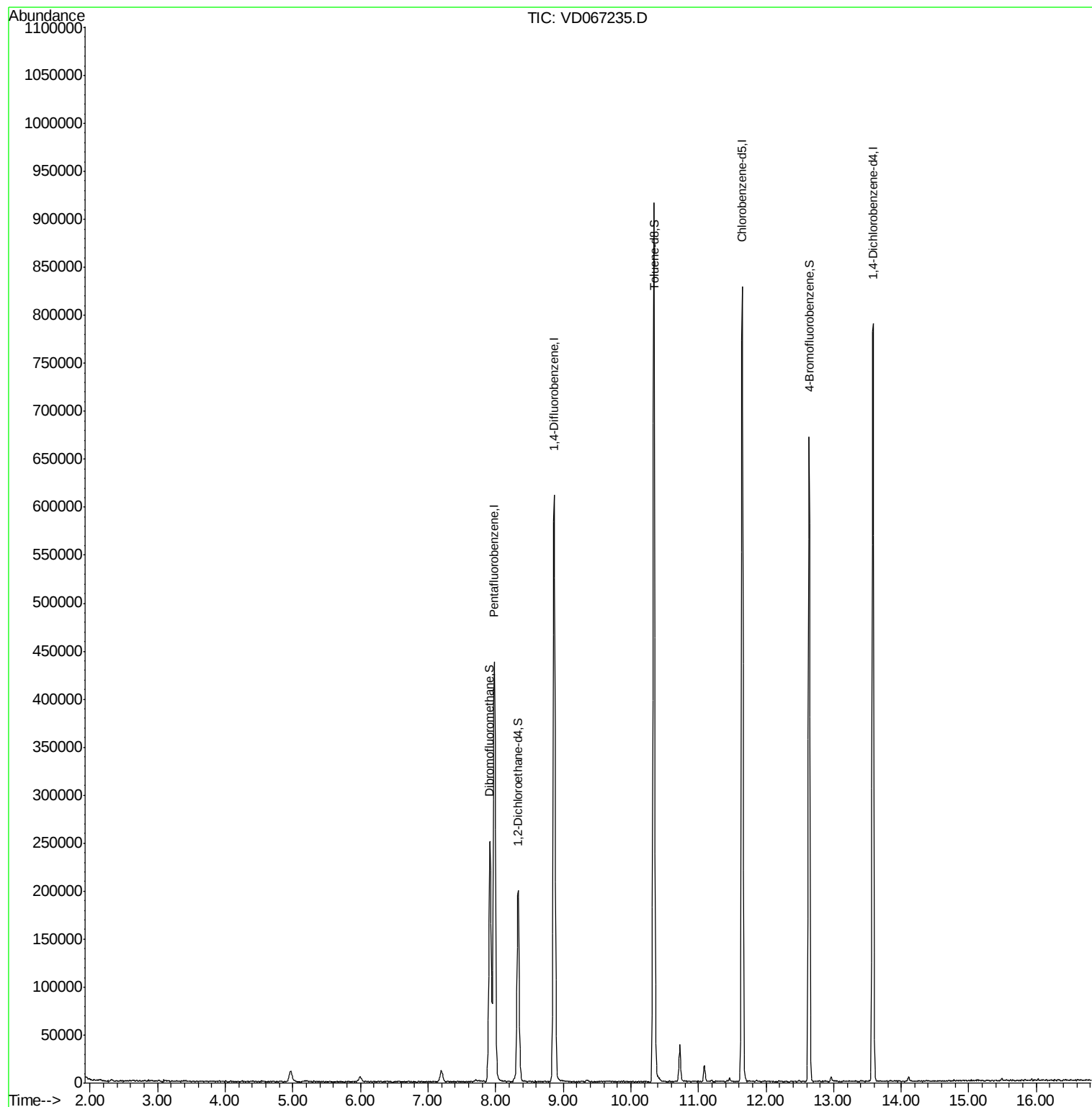
Target Compounds	Qvalue
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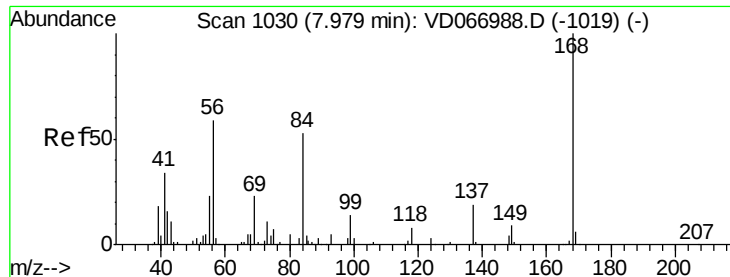
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067235.D

Acq: 12 Oct 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

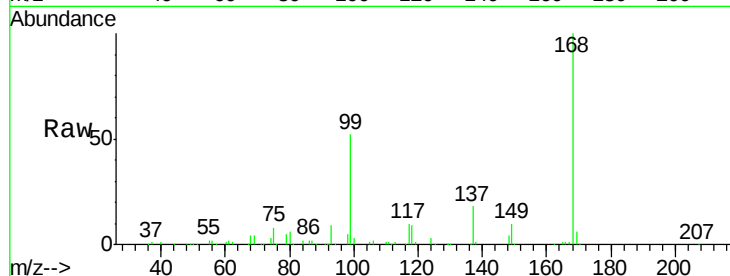
HD-2

Tot Ion:168 Resp: 342261

Ion Ratio Lower Upper

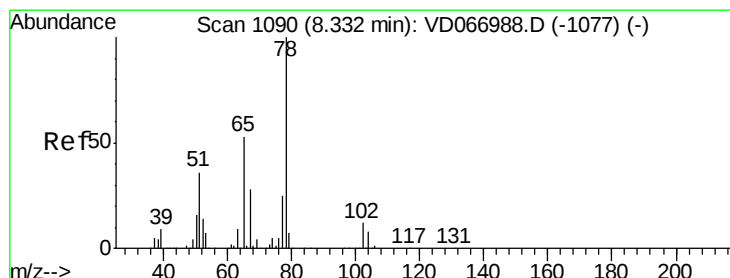
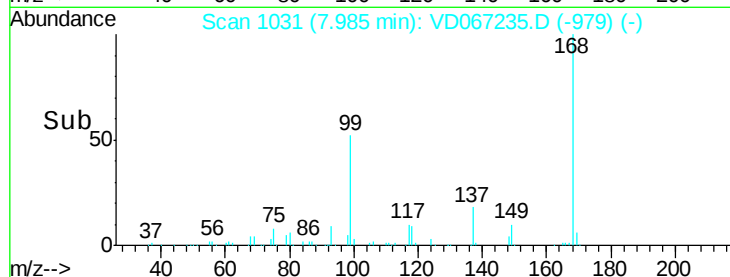
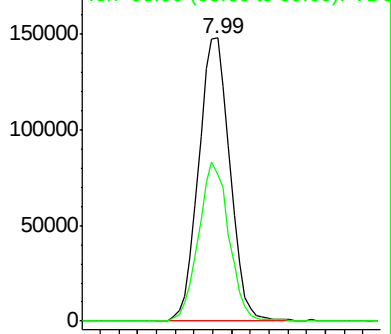
168 100

99 51.7 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: 51.546 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067235.D

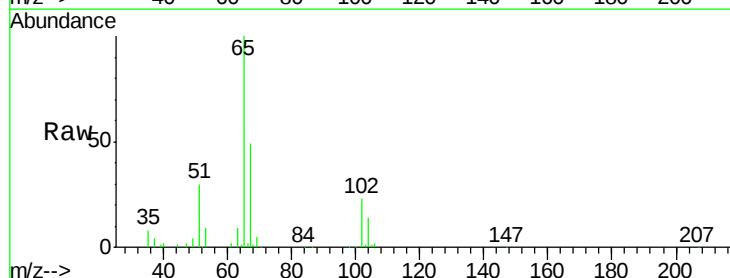
Acq: 12 Oct 2020 16:20

Tgt Ion: 65 Resp: 169929

Ion Ratio Lower Upper

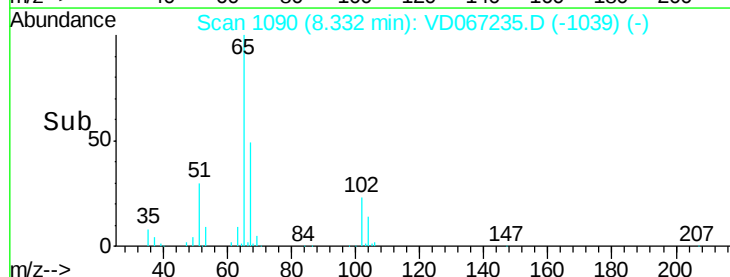
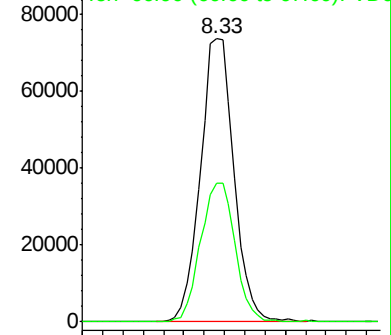
65 100

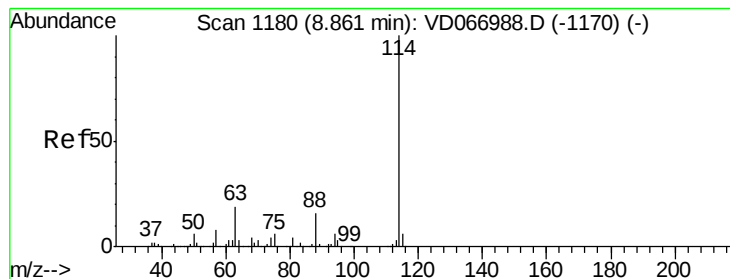
67 50.2 0.0 106.8



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: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067235.D

Acq: 12 Oct 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

HD-2

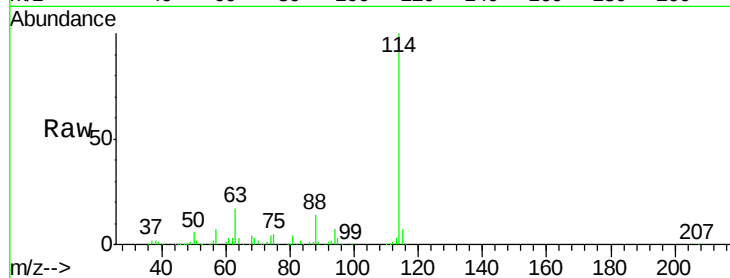
Tot Ion:114 Resp: 554127

Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

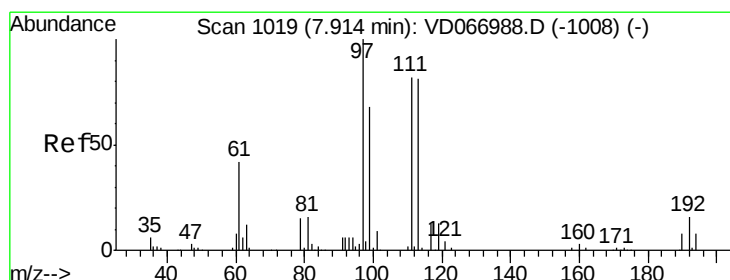
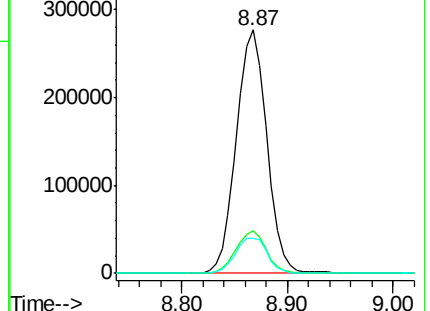
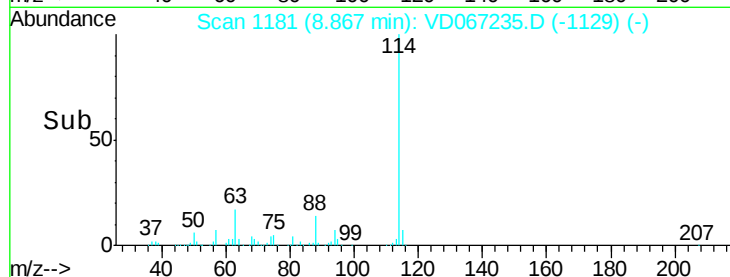
88 14.3 0.0 31.2



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: 50.706 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067235.D

Acq: 12 Oct 2020 16:20

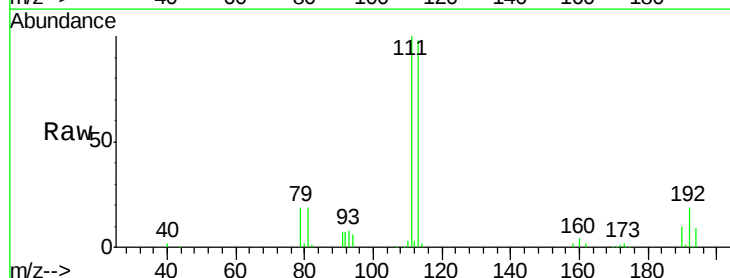
Tgt Ion:113 Resp: 183948

Ion Ratio Lower Upper

113 100

111 100.3 83.0 124.4

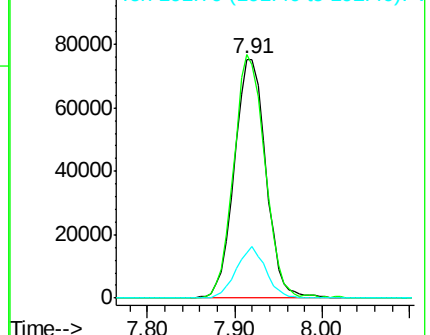
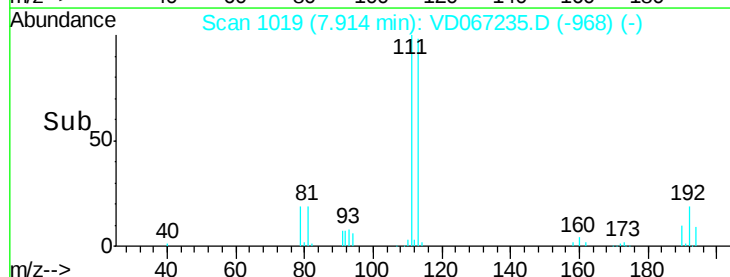
192 20.1 15.5 23.3

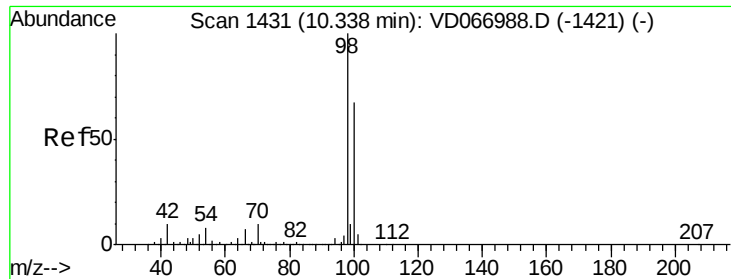


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.321 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067235.D

Acq: 12 Oct 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

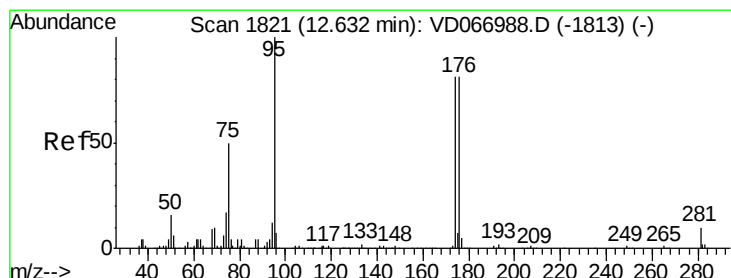
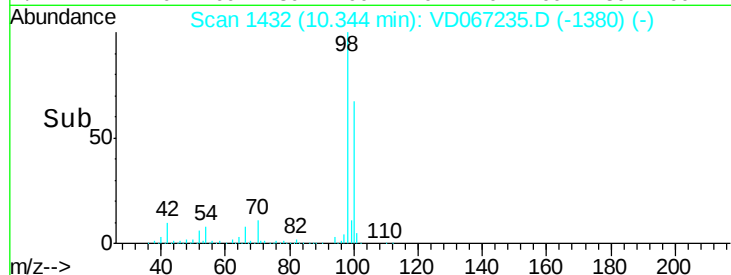
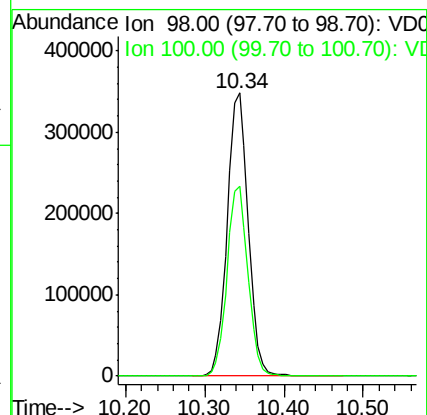
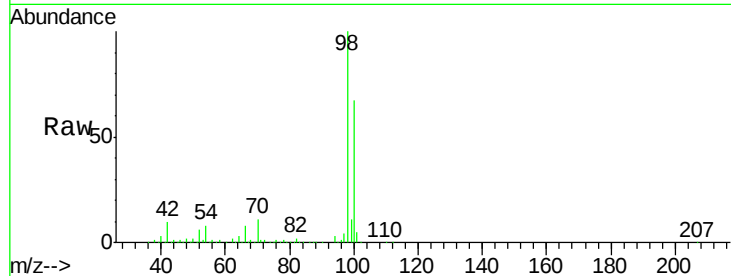
HD-2

Tot Ion: 98 Resp: 638757

Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 46.513 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067235.D

Acq: 12 Oct 2020 16:20

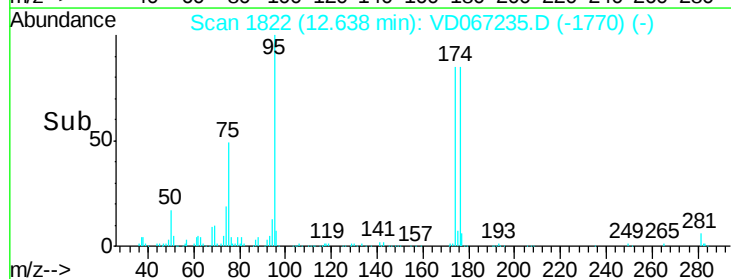
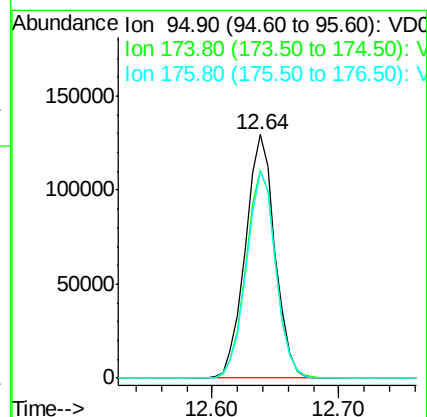
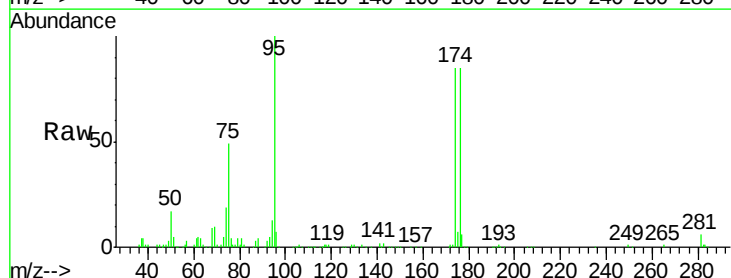
Tgt Ion: 95 Resp: 208733

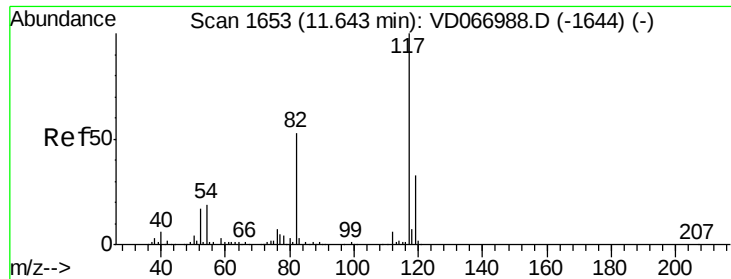
Ion Ratio Lower Upper

95 100

174 86.4 0.0 167.6

176 84.7 0.0 162.4

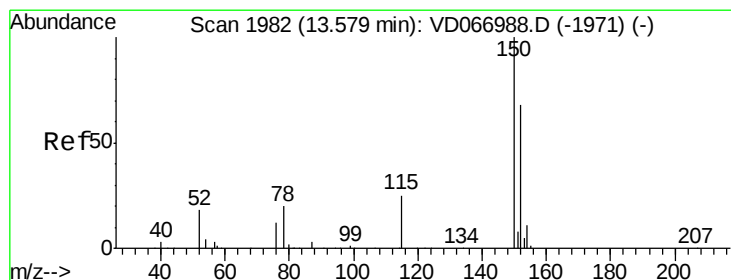
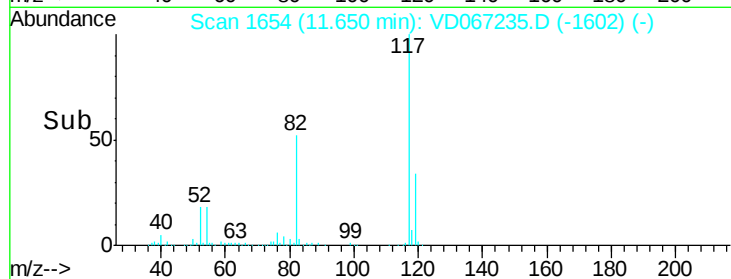
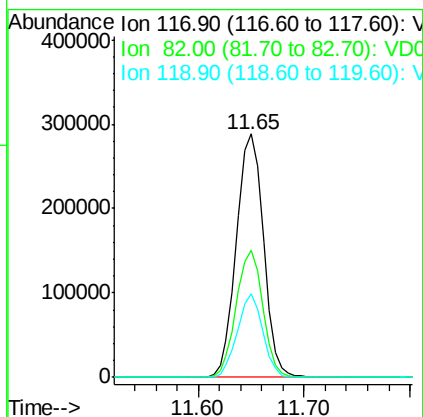
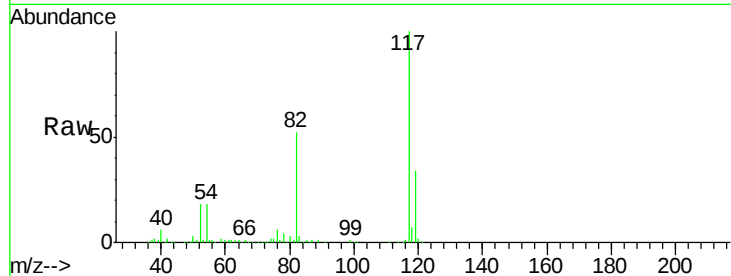




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067235.D
Acq: 12 Oct 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
HD-2

Tot Ion:117 Resp: 511571
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 34.2 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: VD067235.D
Acq: 12 Oct 2020 16:20

Tgt Ion:152 Resp: 224741
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 156.2 0.0 344.8

