

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067675.D
 Acq On : 18 Nov 2020 10:17
 Operator : VA/SY
 Sample : VD1118SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBL01

Quant Time: Nov 19 00:35:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	249795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	398622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	361654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	163826	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112794	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.92	113	111871	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	10.34	98	371517	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
62) 4-Bromofluorobenzene	12.64	95	126487	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	

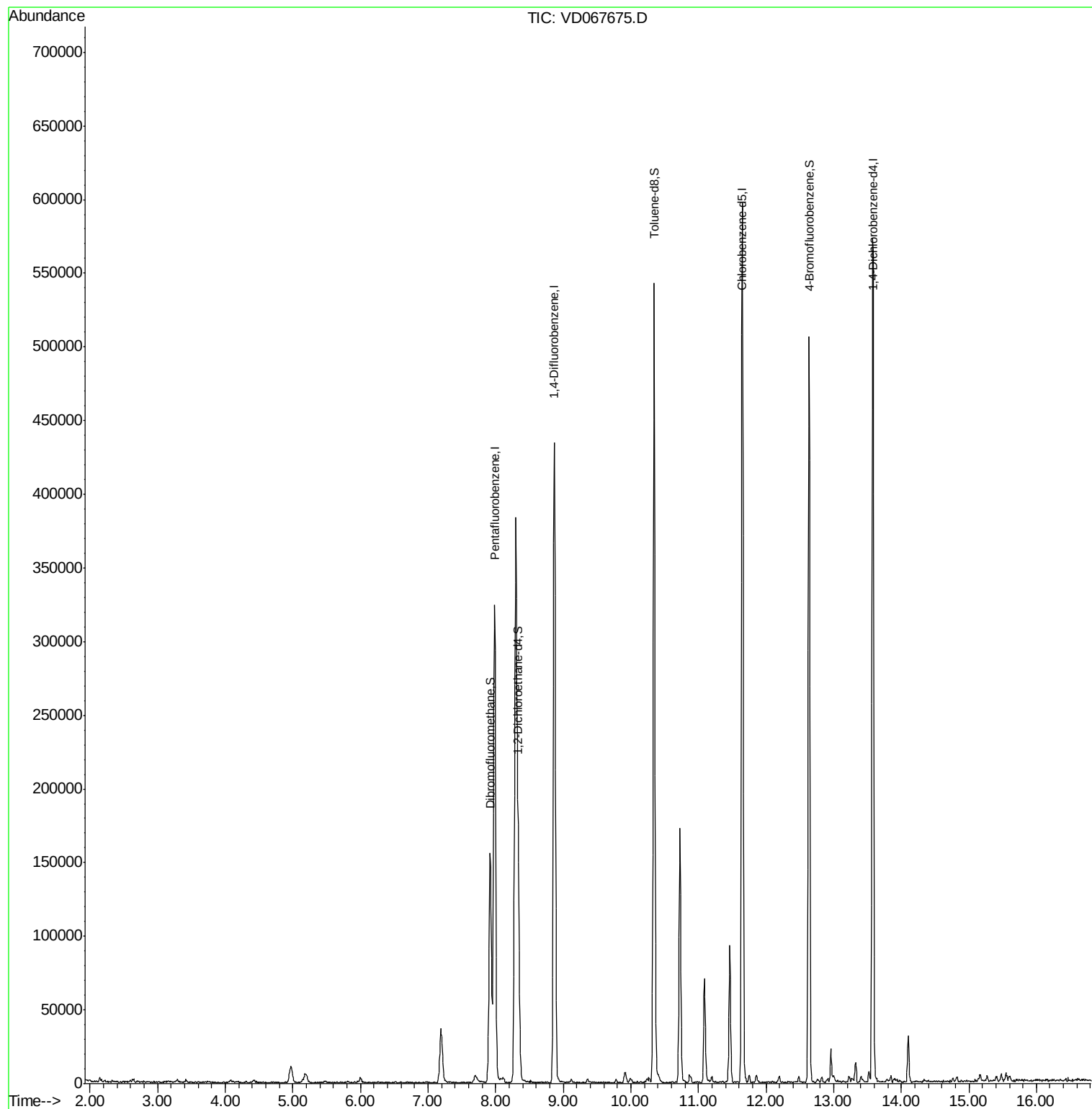
Target Compounds	Qvalue
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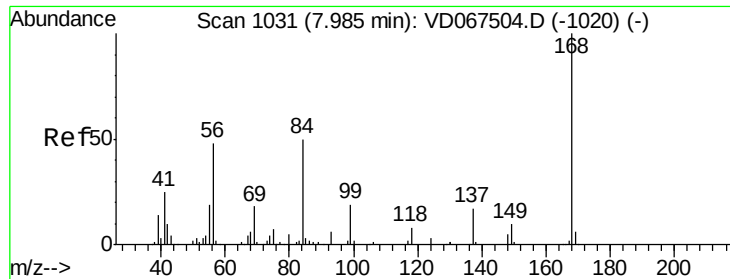
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

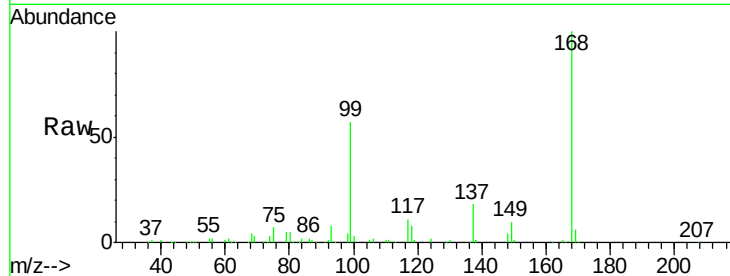
VD1118SBL01

Tot Ion:168 Resp: 249795

Ion Ratio Lower Upper

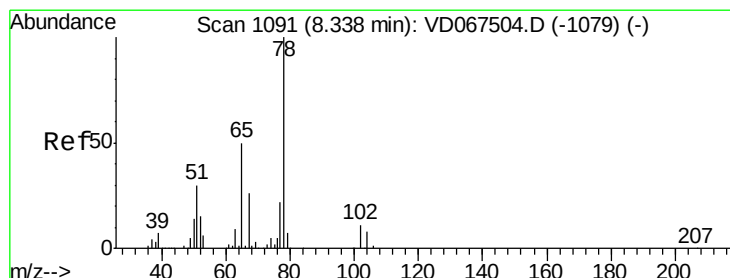
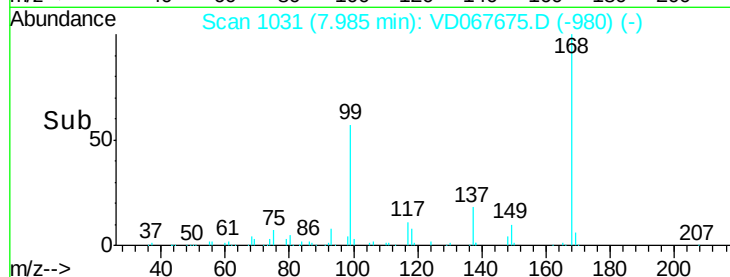
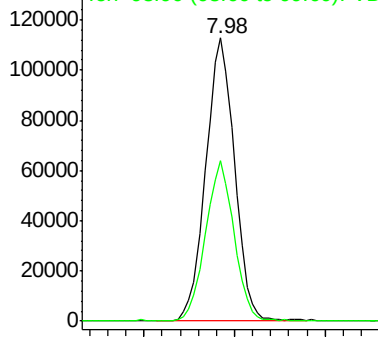
168 100

99 56.3 45.0 67.6



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: 51.641 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067675.D

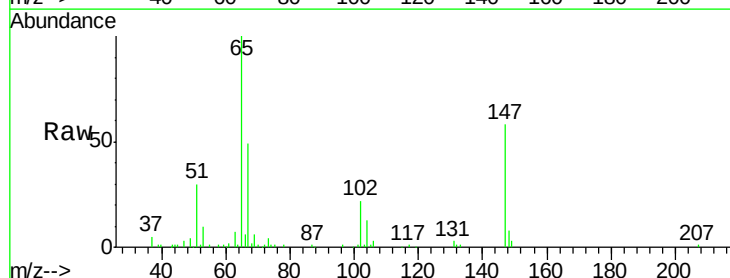
Acq: 18 Nov 2020 10:17

Tgt Ion: 65 Resp: 112794

Ion Ratio Lower Upper

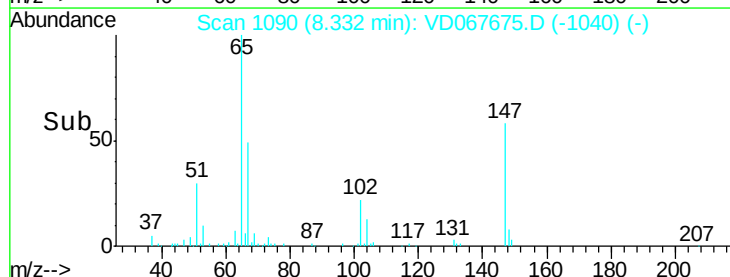
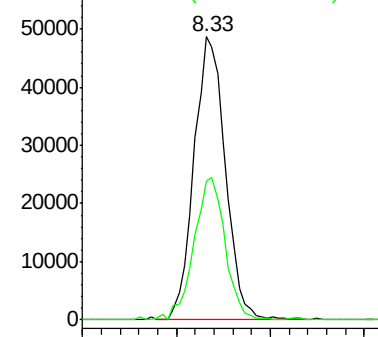
65 100

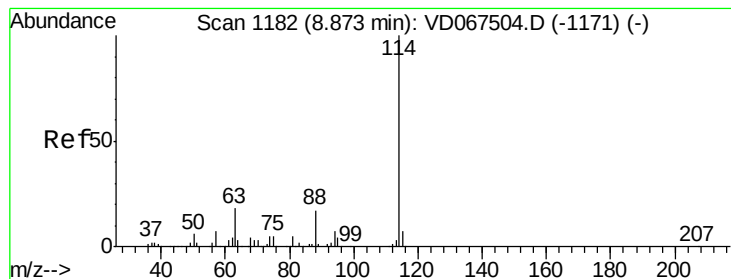
67 50.0 0.0 99.4



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# 1182

Delta R.T. -0.00 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBL01

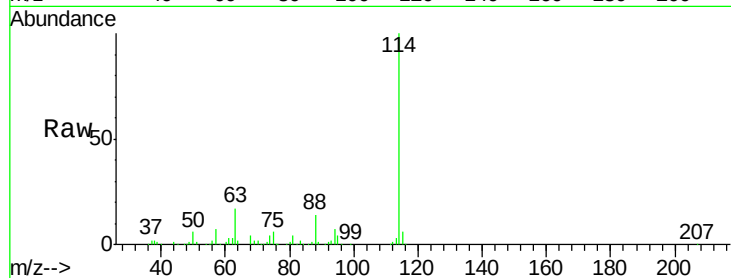
Tot Ion:114 Resp: 398622

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

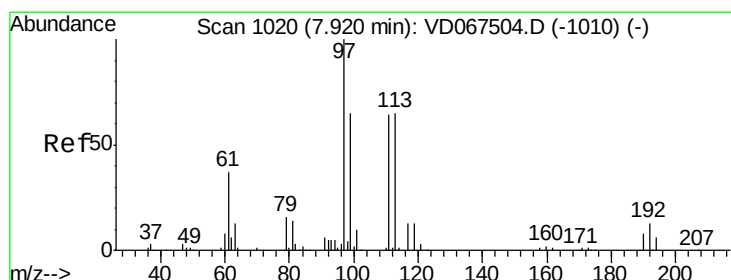
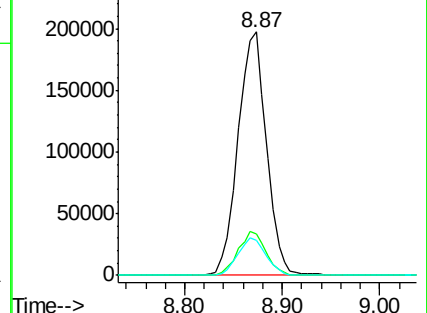
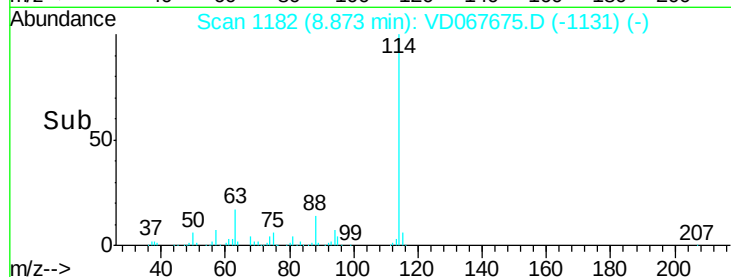
88 14.2 0.0 33.0



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: 46.580 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

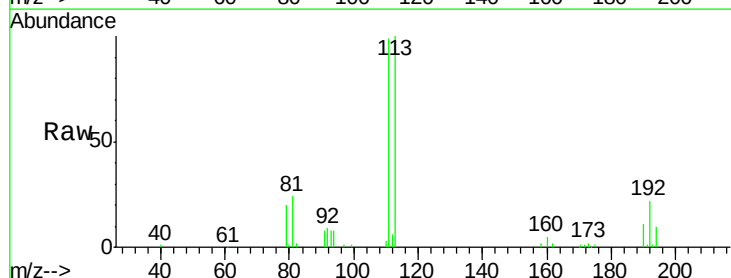
Tgt Ion:113 Resp: 111871

Ion Ratio Lower Upper

113 100

111 101.7 80.0 120.0

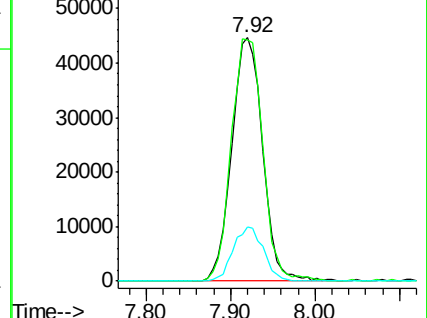
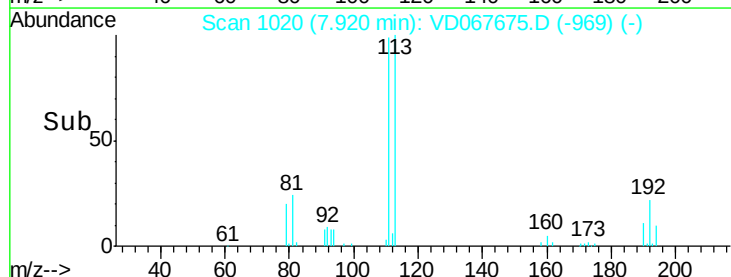
192 21.7 16.3 24.5

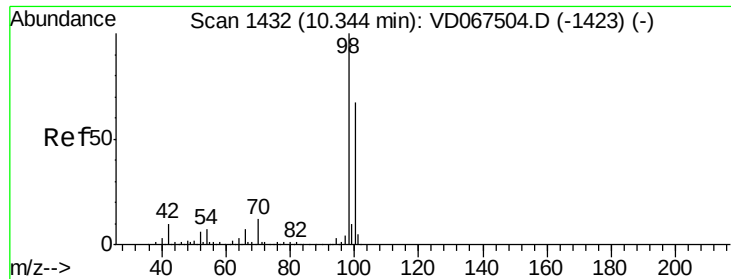


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.018 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

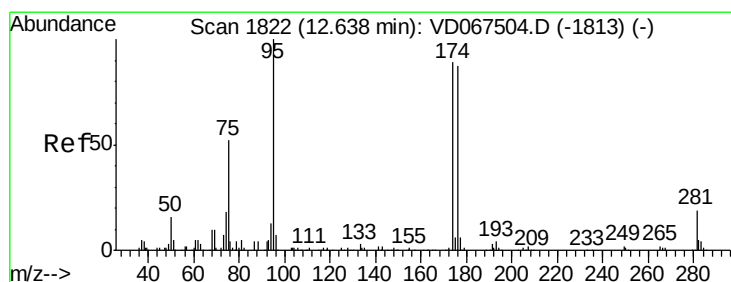
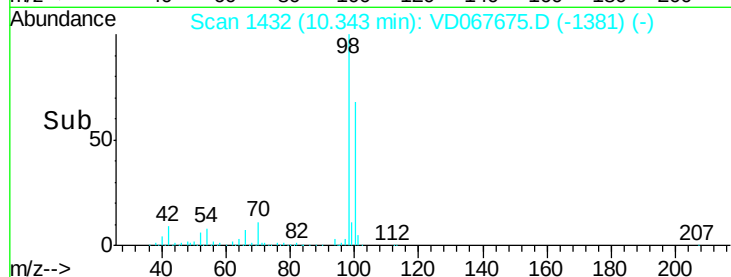
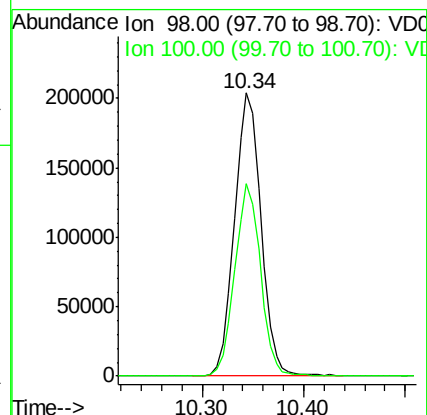
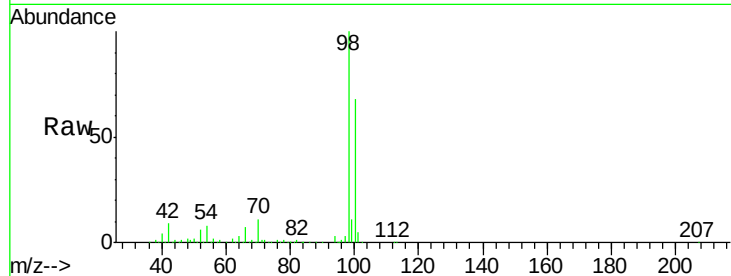
VD1118SBL01

Tot Ion: 98 Resp: 371517

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 43.408 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067675.D

Acq: 18 Nov 2020 10:17

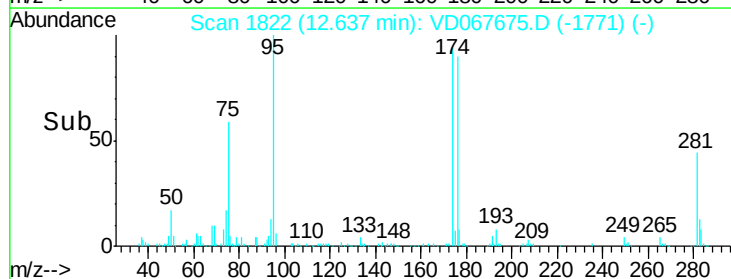
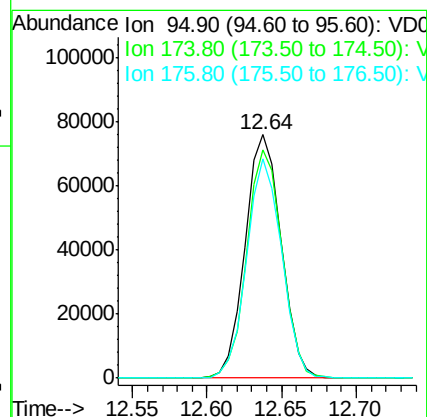
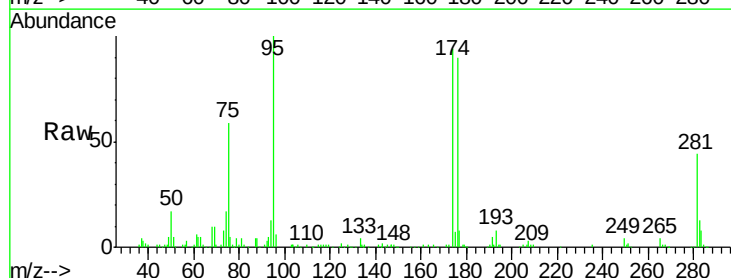
Tgt Ion: 95 Resp: 126487

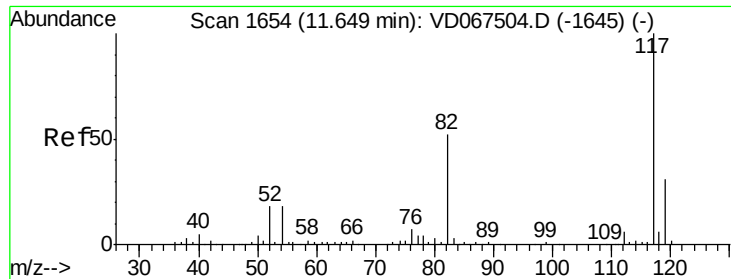
Ion Ratio Lower Upper

95 100

174 91.8 0.0 177.8

176 87.7 0.0 172.0

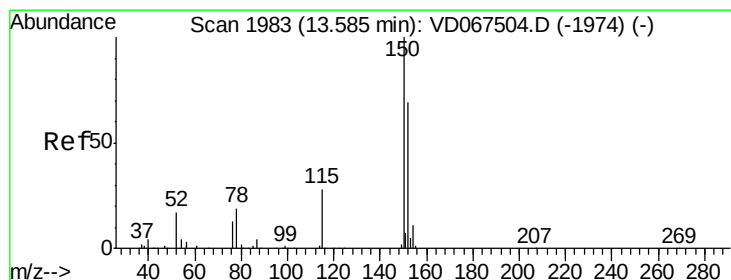
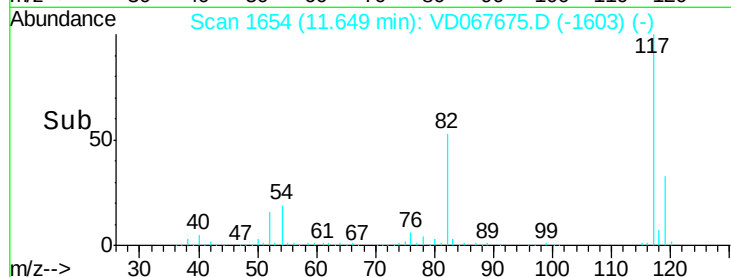
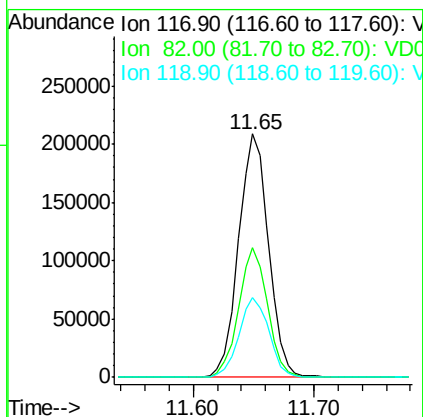
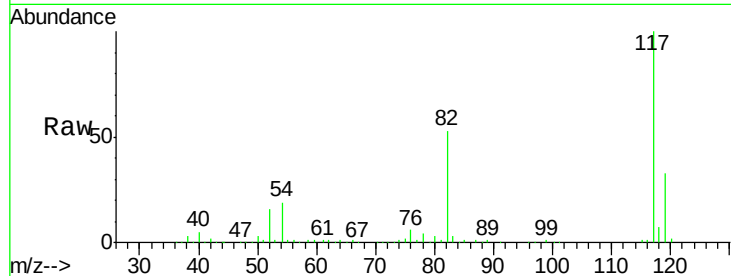




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067675.D
Acq: 18 Nov 2020 10:17

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBL01

Tot Ion:117 Resp: 361654
Ion Ratio Lower Upper
117 100
82 53.3 41.6 62.4
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067675.D
Acq: 18 Nov 2020 10:17

Tgt Ion:152 Resp: 163826
Ion Ratio Lower Upper
152 100
115 60.1 29.3 88.0
150 159.9 0.0 338.2

