

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067749.D
 Acq On : 23 Nov 2020 16:48
 Operator : VA/SY
 Sample : L4836-10
 Misc : 6.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SL-01

Quant Time: Nov 24 01:12:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	224122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	343128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	355262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	148351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110216	50.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.16%
35) Dibromofluoromethane	7.92	113	109382	50.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.18%
50) Toluene-d8	10.34	98	392697	49.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.38%
62) 4-Bromofluorobenzene	12.64	95	153217	56.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.30%

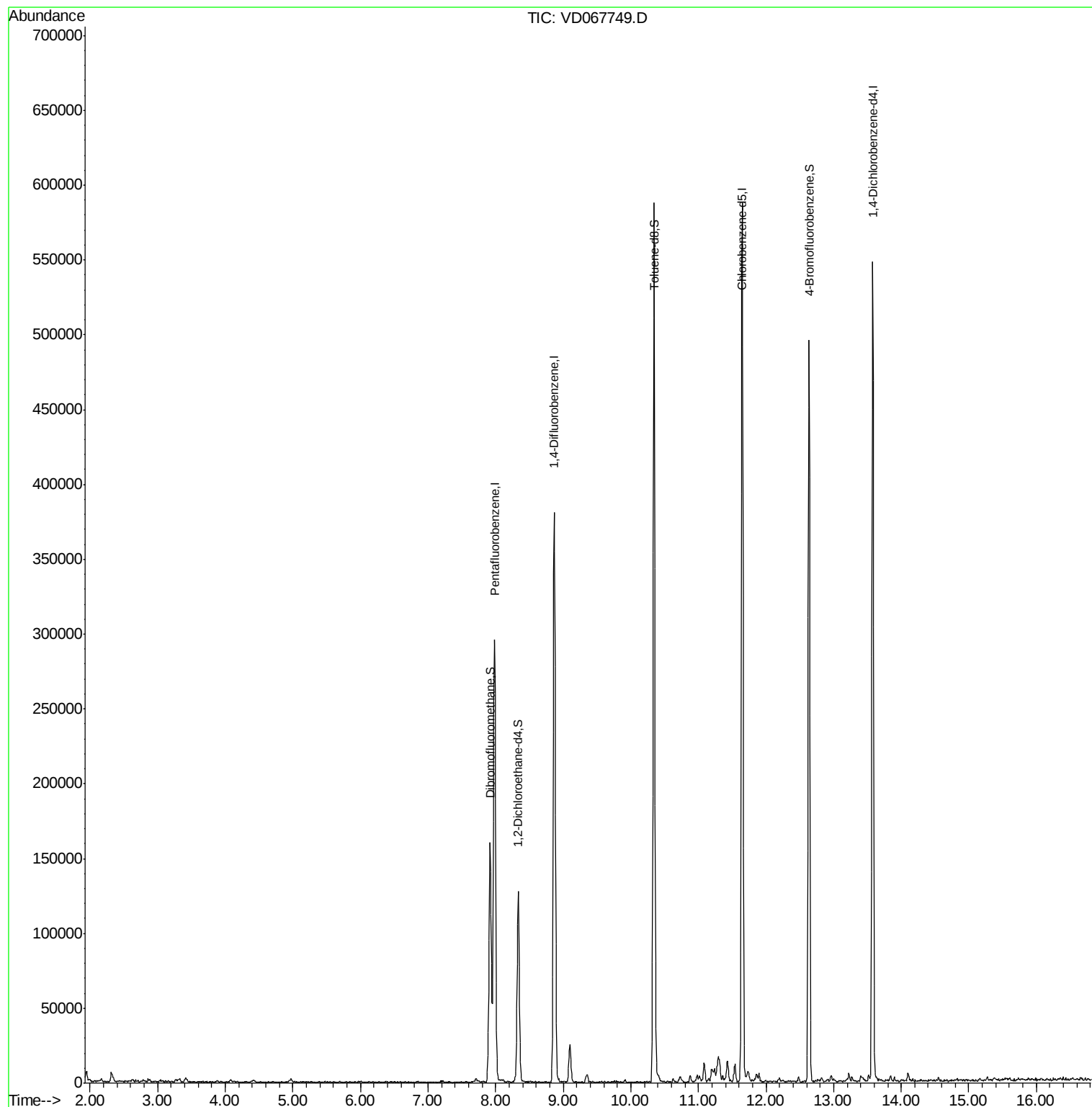
Target Compounds	Qvalue
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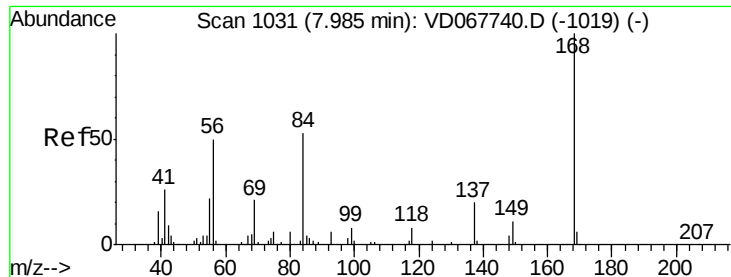
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

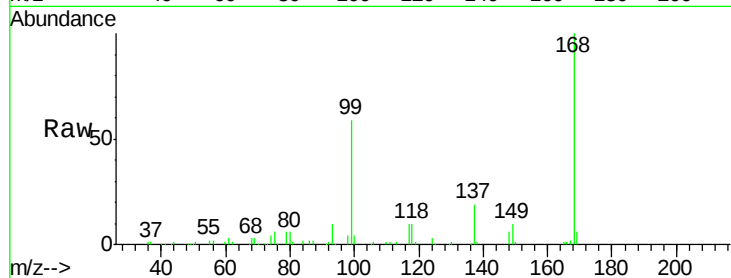
SL-01

Tot Ion:168 Resp: 224122

Ion Ratio Lower Upper

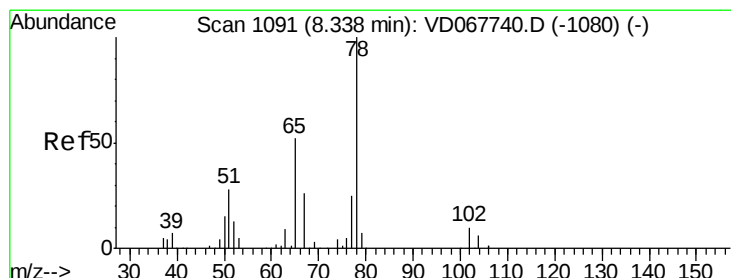
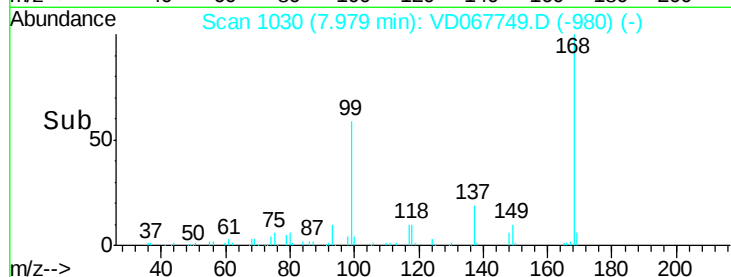
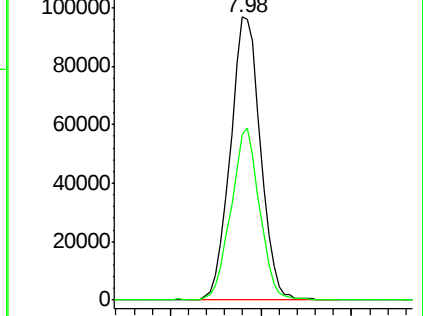
168 100

99 58.5 43.8 65.8



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: 50.577 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067749.D

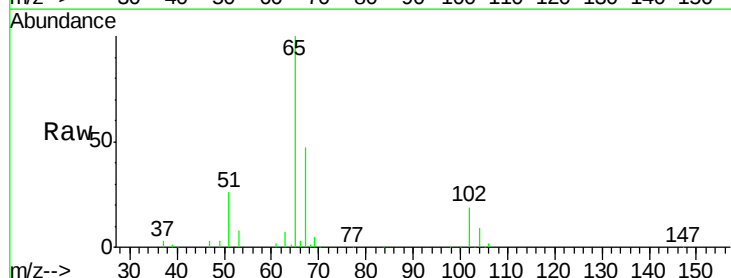
Acq: 23 Nov 2020 16:48

Tgt Ion: 65 Resp: 110216

Ion Ratio Lower Upper

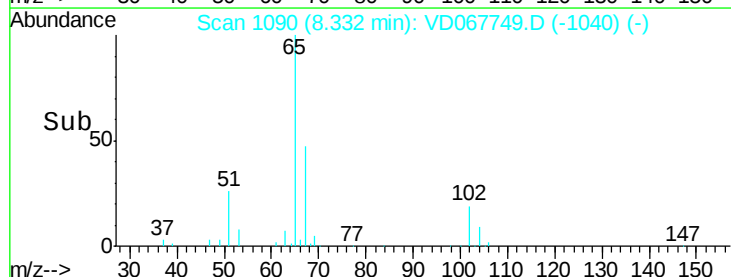
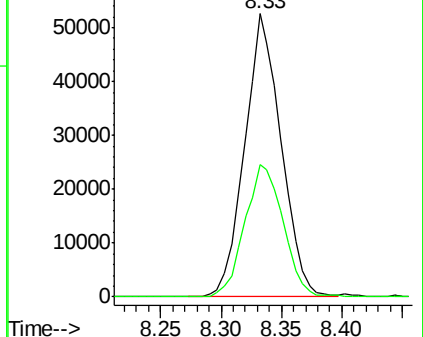
65 100

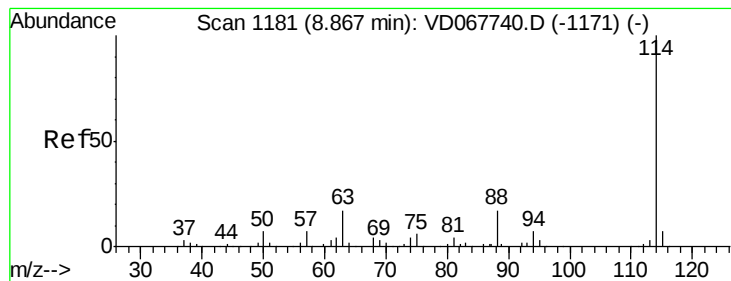
67 49.0 0.0 101.0



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. 0.00 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

SL-01

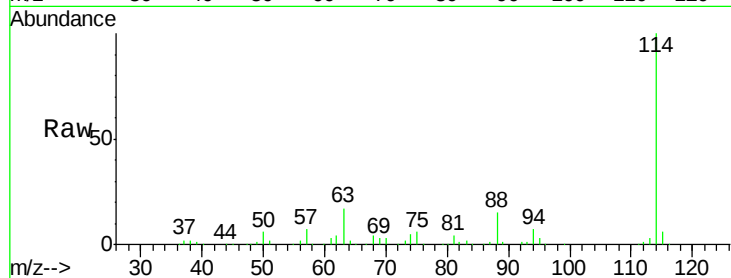
Tot Ion:114 Resp: 343128

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.8

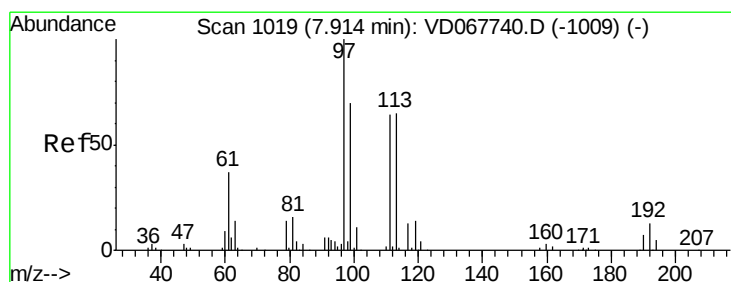
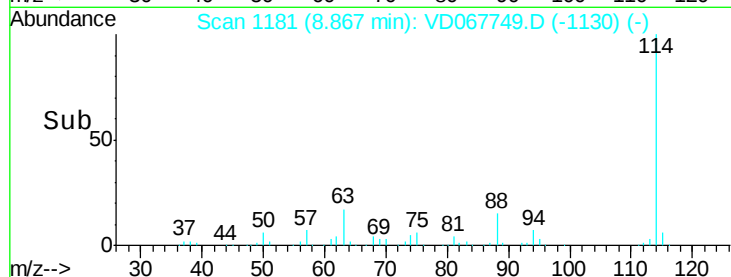
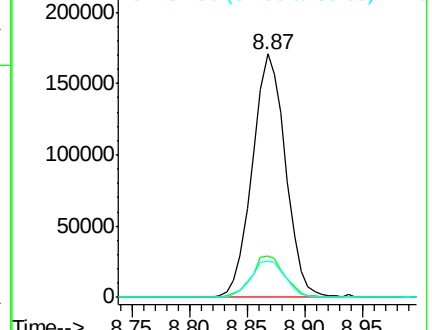
88 14.7 0.0 34.4



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: 50.091 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

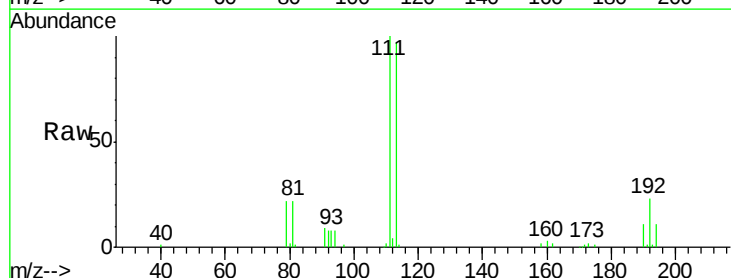
Tgt Ion:113 Resp: 109382

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

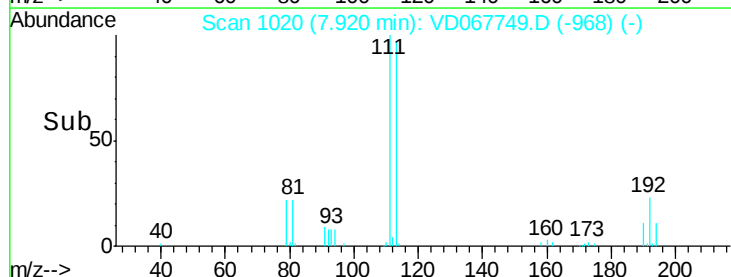
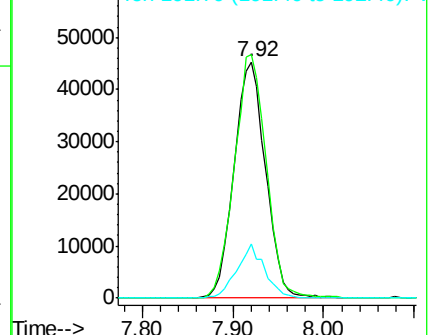
192 20.3 17.0 25.4

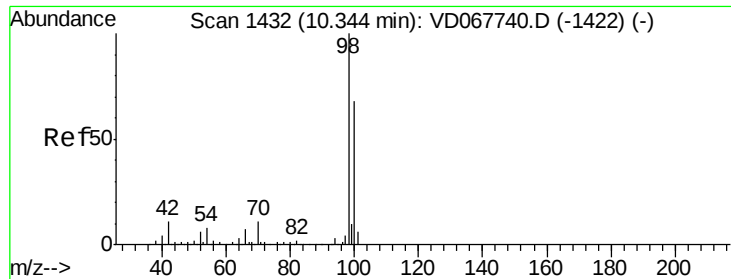


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.188 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

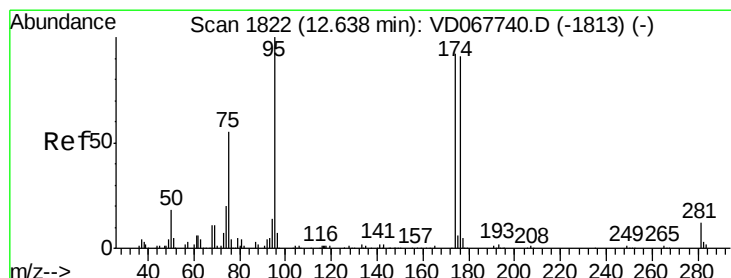
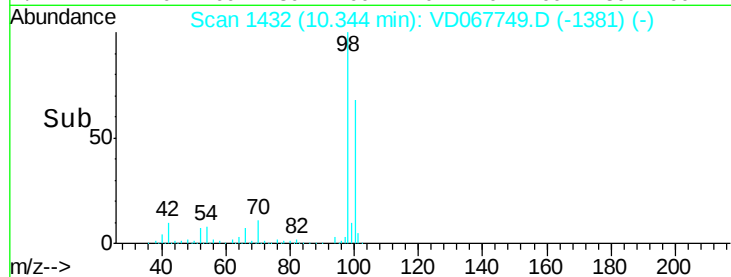
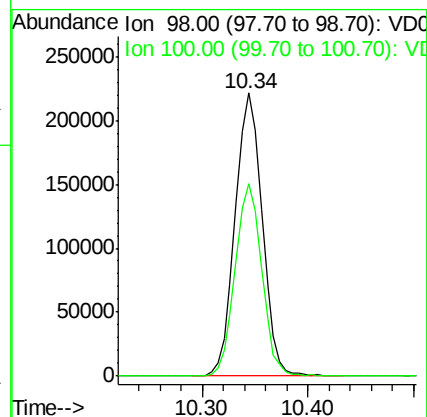
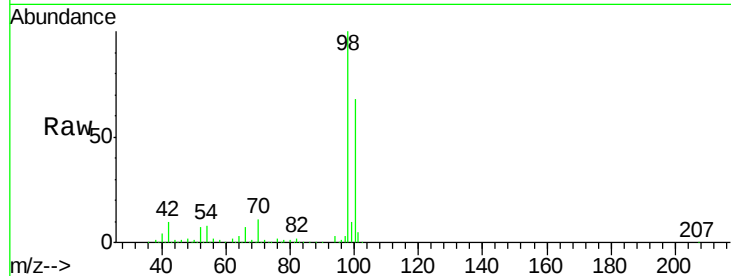
SL-01

Tot Ion: 98 Resp: 392697

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 56.147 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067749.D

Acq: 23 Nov 2020 16:48

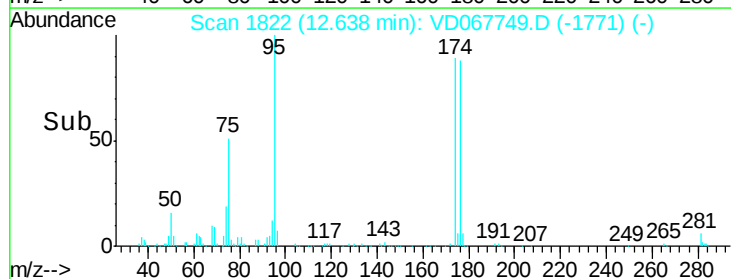
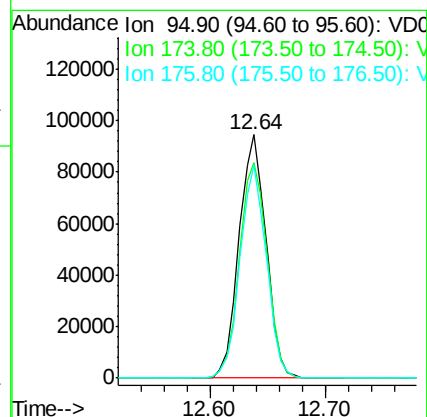
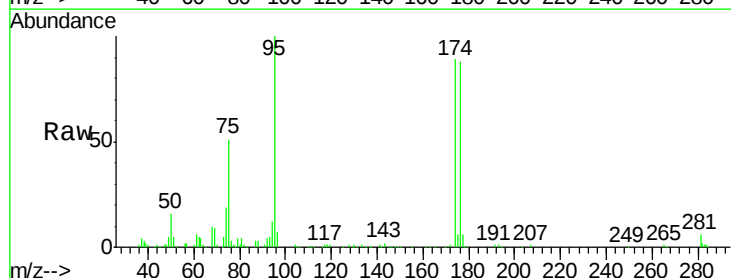
Tgt Ion: 95 Resp: 153217

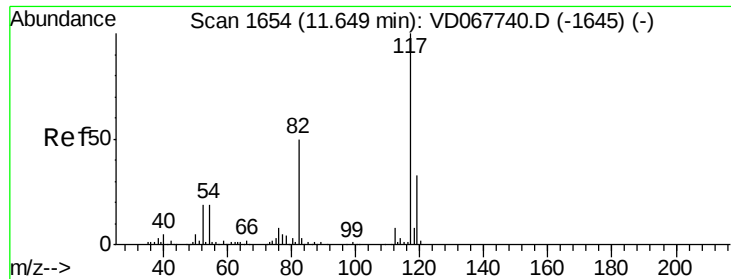
Ion Ratio Lower Upper

95 100

174 90.6 0.0 182.4

176 85.4 0.0 178.2

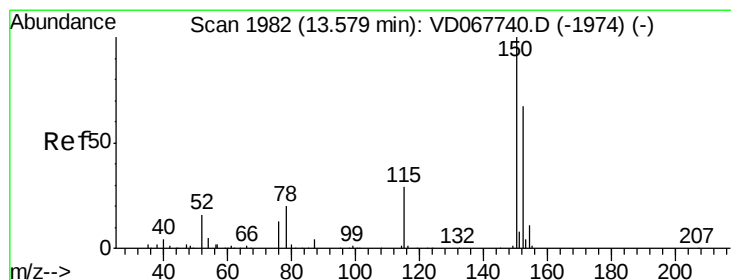
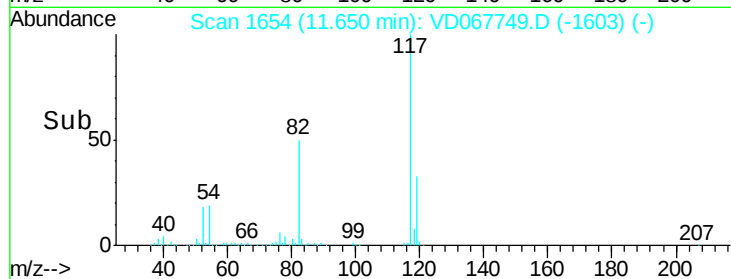
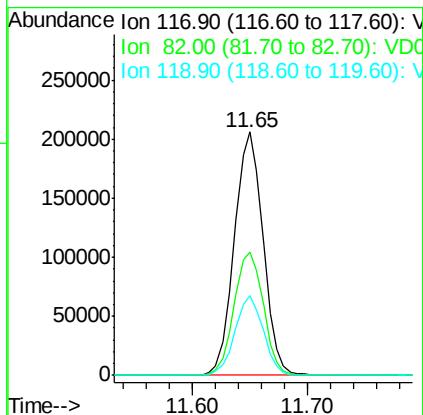
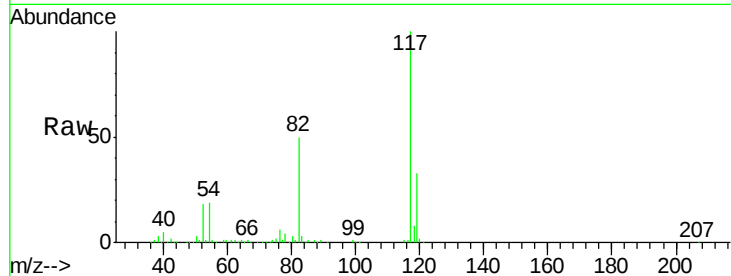




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067749.D
Acq: 23 Nov 2020 16:48

Instrument :
MSVOA_D
ClientSampled :
SL-01

Tot Ion:117 Resp: 355262
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067749.D
Acq: 23 Nov 2020 16:48

Tgt Ion:152 Resp: 148351
Ion Ratio Lower Upper
152 100
115 60.4 29.4 88.3
150 161.1 0.0 340.6

