

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067764.D
 Acq On : 24 Nov 2020 12:58
 Operator : VA/SY
 Sample : L4597-01
 Misc : 7.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-112320

Quant Time: Nov 25 02:24:35 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	22164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	34819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	41700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	14808	68.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.42%
35) Dibromofluoromethane	7.91	113	11580	52.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.52%
50) Toluene-d8	10.34	98	40763	50.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.64%
62) 4-Bromofluorobenzene	12.63	95	16770	60.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.12%

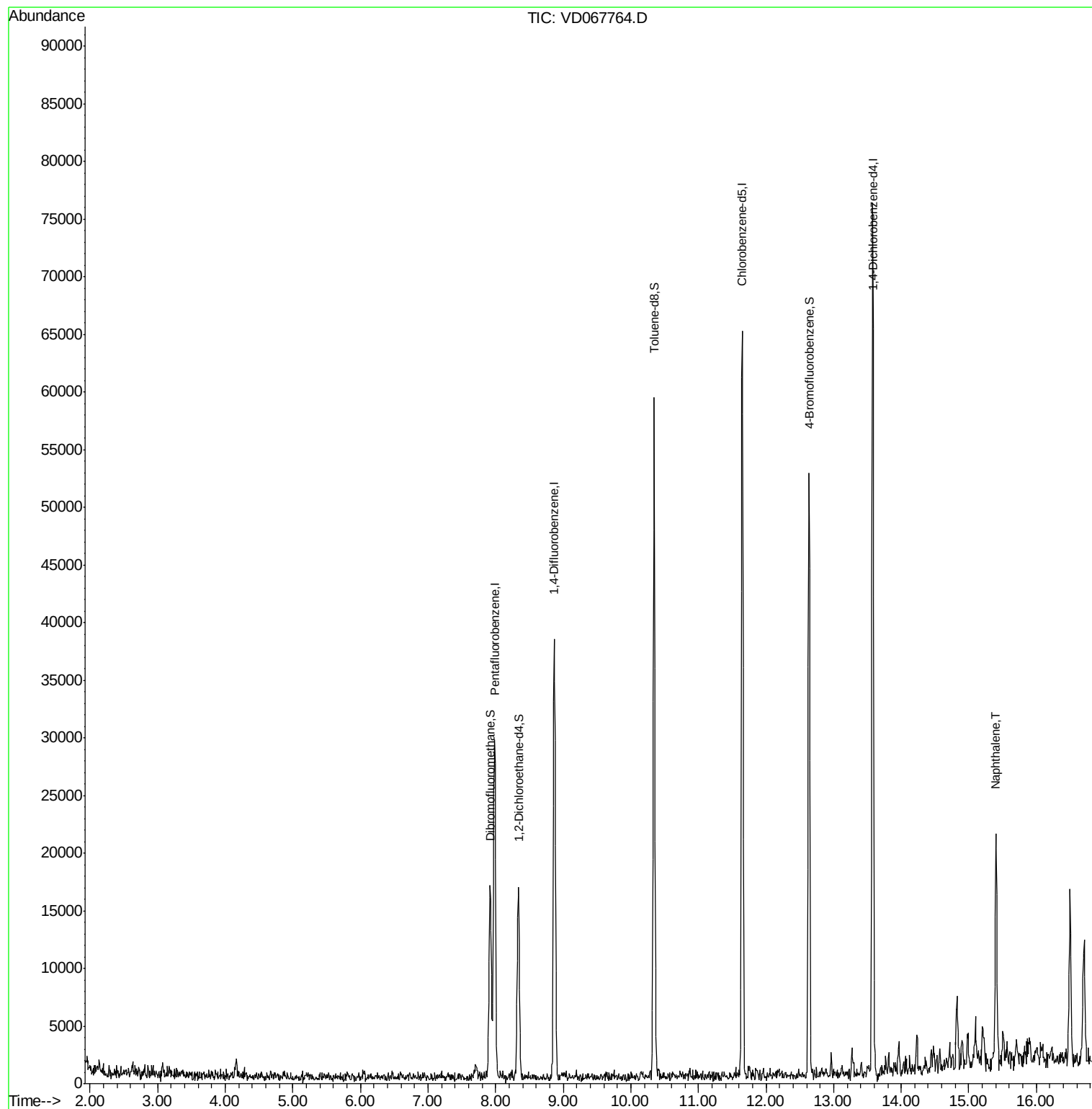
Target Compounds					Qvalue
95) Naphthalene	15.41	128	18927	27.346 ug/l	98

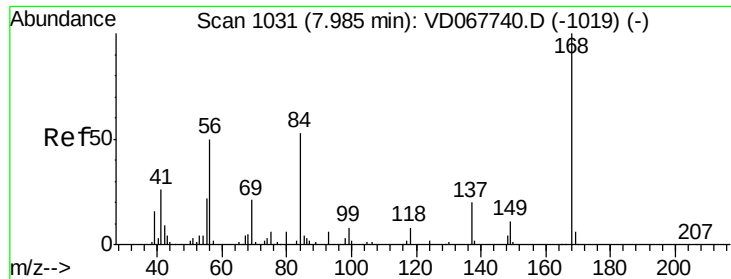
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067764.D

Acq: 24 Nov 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

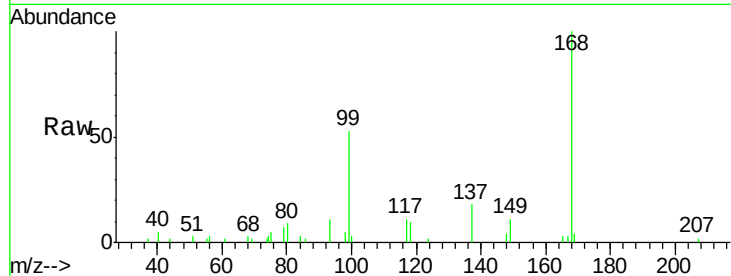
BU-03-112320

Tot Ion:168 Resp: 22164

Ion Ratio Lower Upper

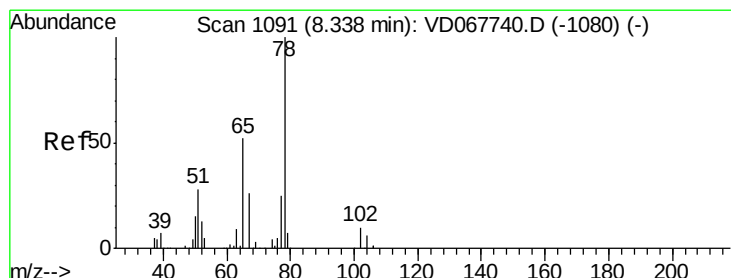
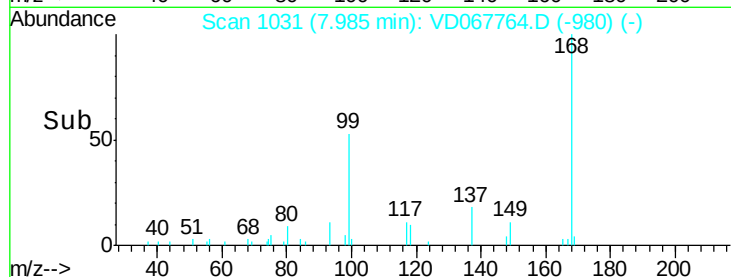
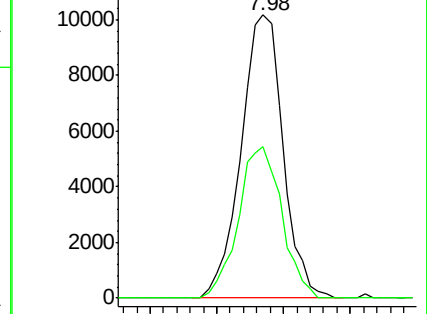
168 100

99 53.4 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: 68.713 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067764.D

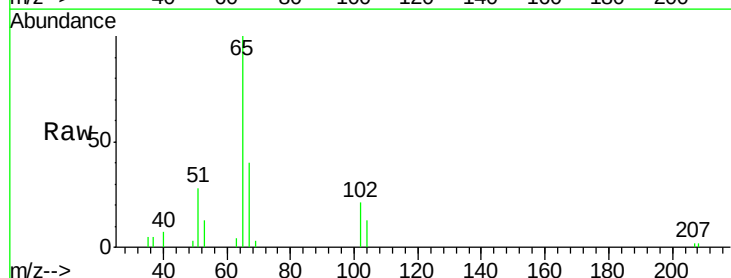
Acq: 24 Nov 2020 12:58

Tgt Ion: 65 Resp: 14808

Ion Ratio Lower Upper

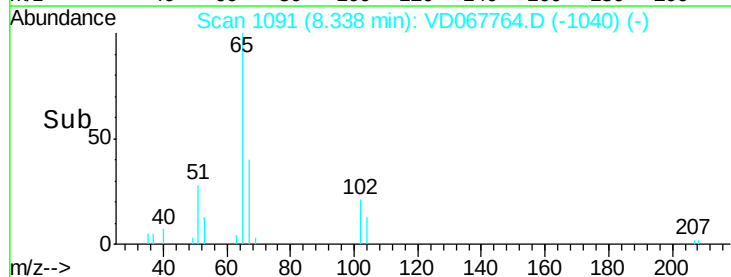
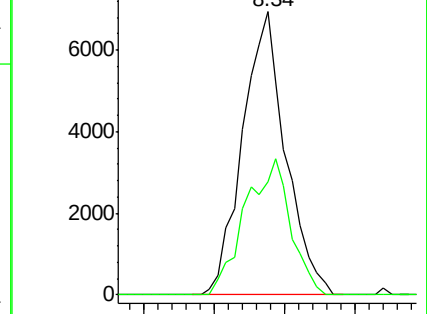
65 100

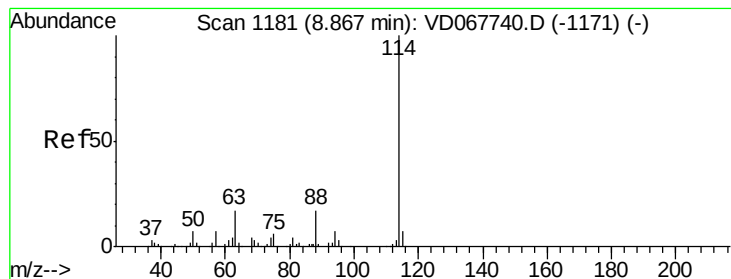
67 50.5 0.0 101.0



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: VD067764.D

Acq: 24 Nov 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

BU-03-112320

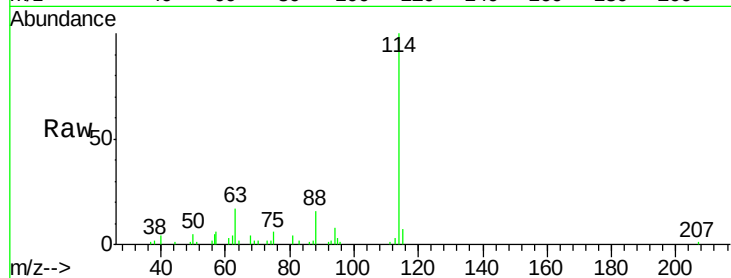
Tot Ion:114 Resp: 34819

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.8

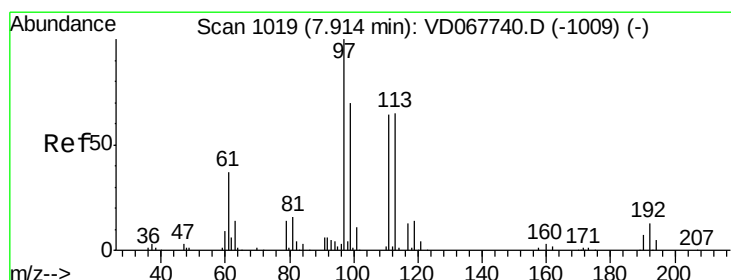
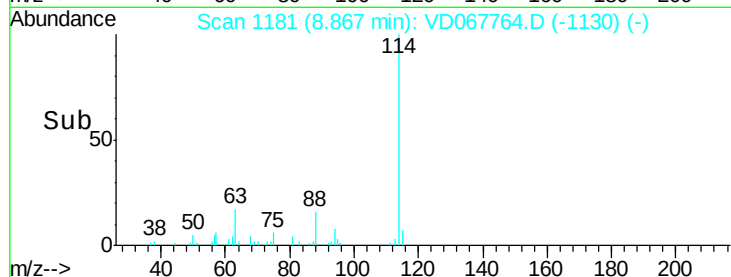
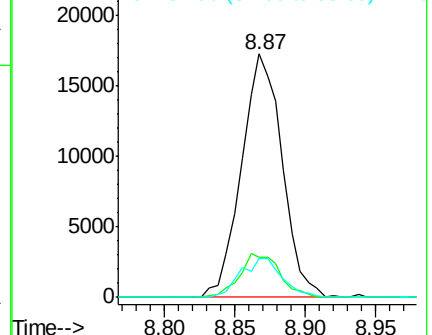
88 15.7 0.0 34.4



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: 52.259 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067764.D

Acq: 24 Nov 2020 12:58

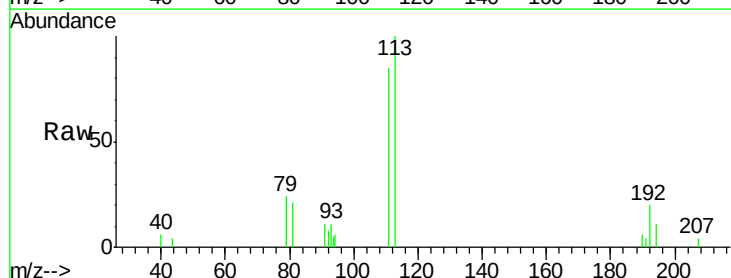
Tgt Ion:113 Resp: 11580

Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.0

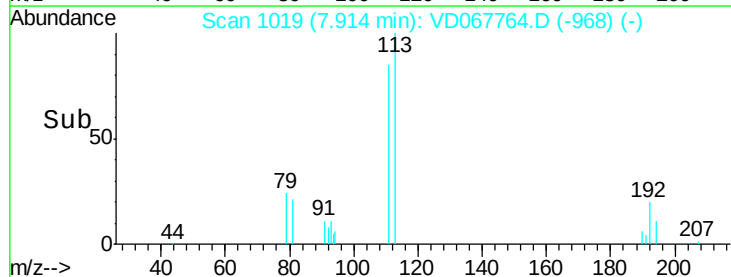
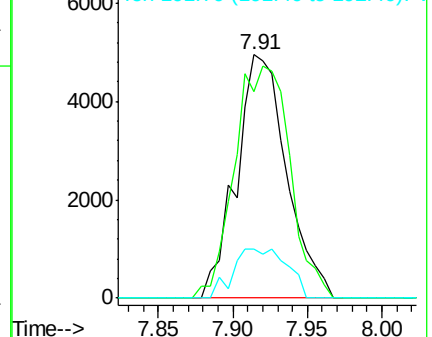
192 21.7 17.0 25.4

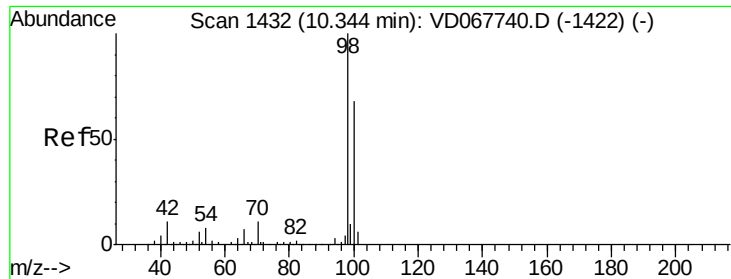


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.316 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067764.D

Acq: 24 Nov 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

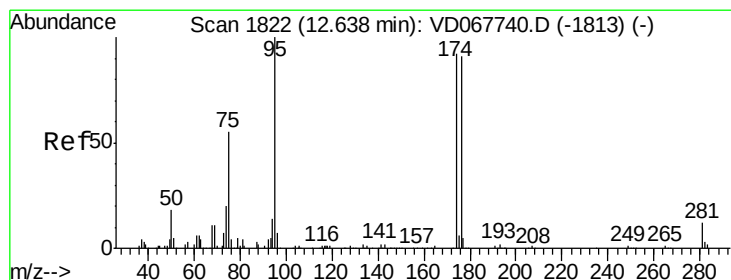
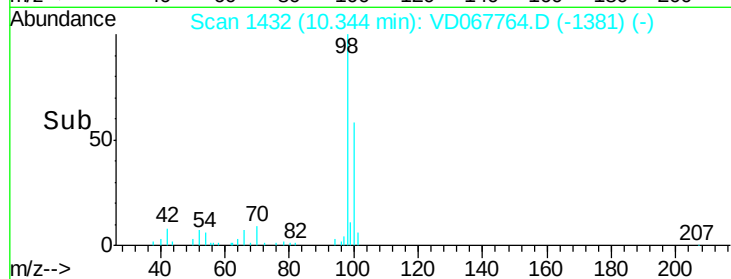
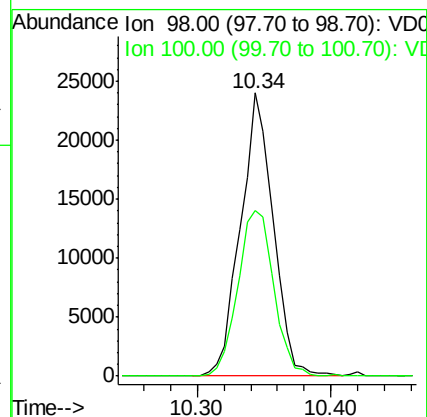
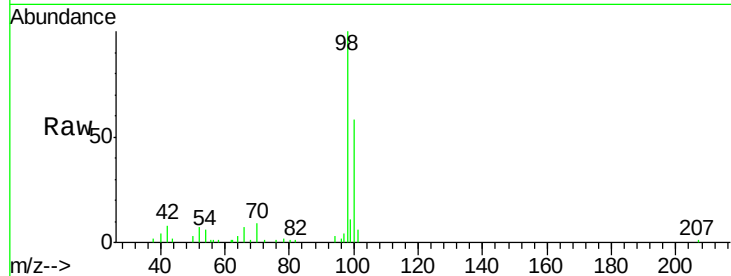
BU-03-112320

Tot Ion: 98 Resp: 40763

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 60.561 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067764.D

Acq: 24 Nov 2020 12:58

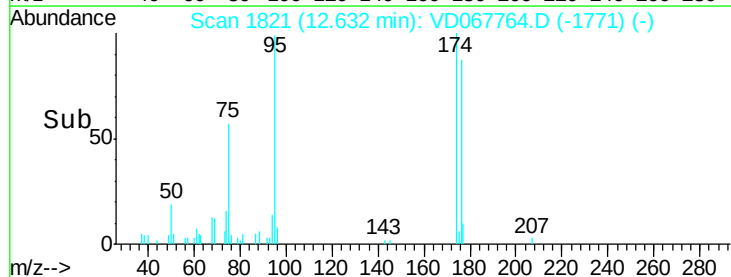
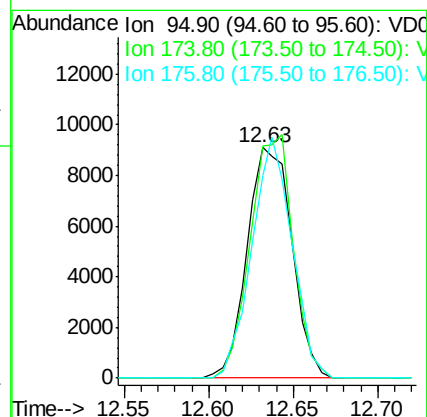
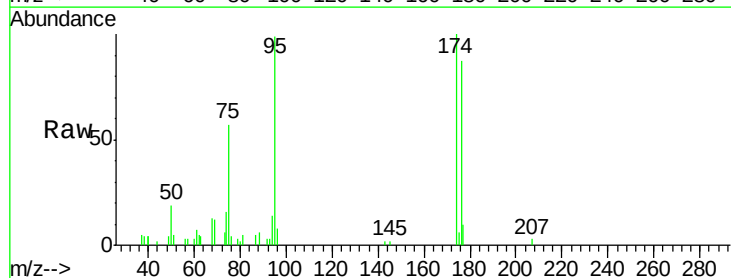
Tgt Ion: 95 Resp: 16770

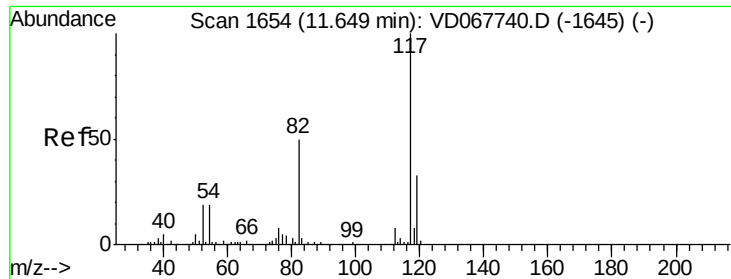
Ion Ratio Lower Upper

95 100

174 101.0 0.0 182.4

176 93.5 0.0 178.2

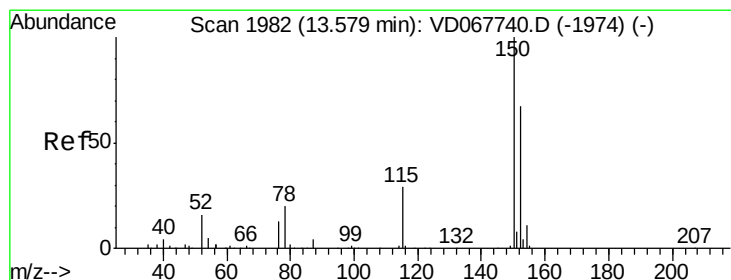
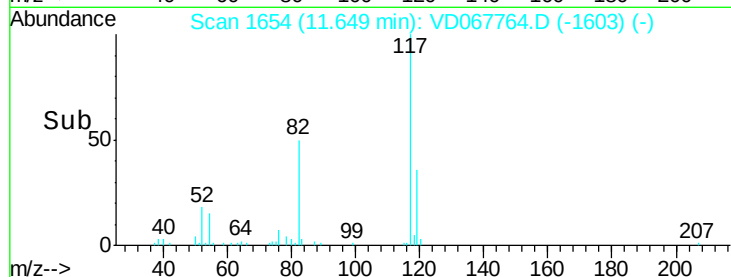
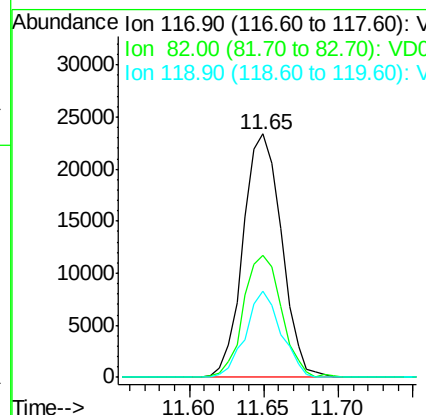
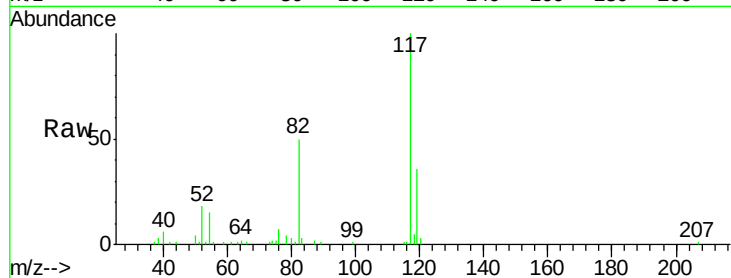




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067764.D
Acq: 24 Nov 2020 12:58

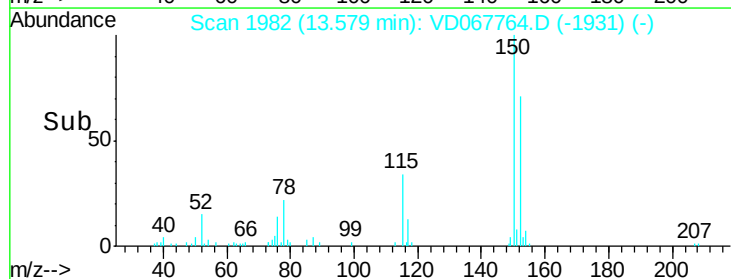
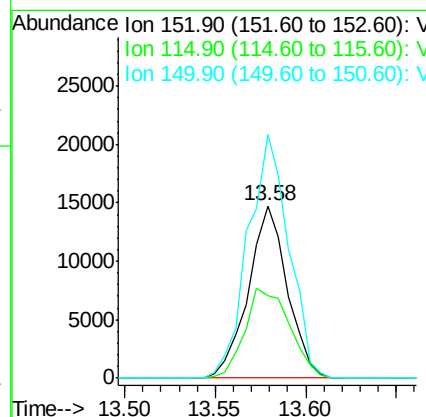
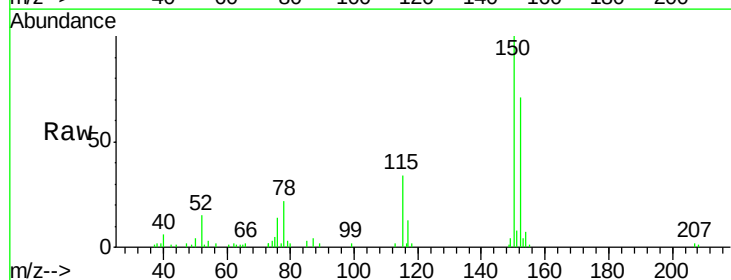
Instrument :
MSVOA_D
ClientSampleId :
BU-03-112320

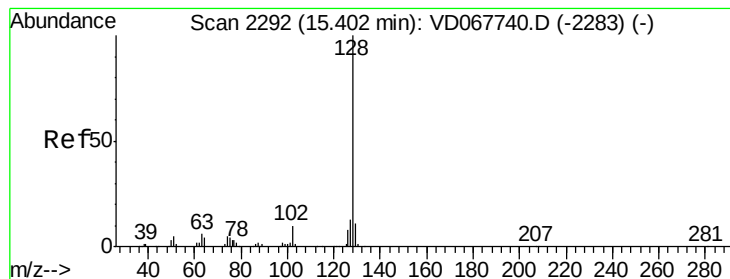
Tot Ion:117 Resp: 41700
Ion Ratio Lower Upper
117 100
82 50.2 40.2 60.4
119 35.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067764.D
Acq: 24 Nov 2020 12:58

Tgt Ion:152 Resp: 21996
Ion Ratio Lower Upper
152 100
115 59.6 29.4 88.3
150 147.9 0.0 340.6





#95

Naphthalene

Concen: 27.346 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD067764.D

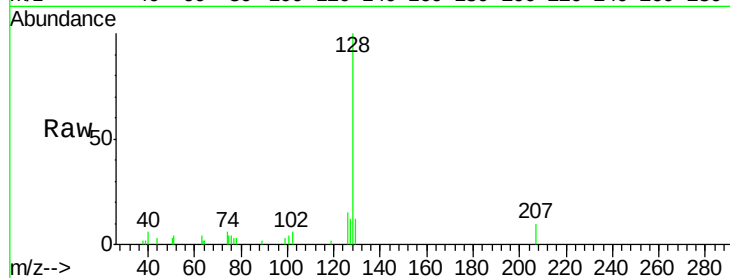
Acq: 24 Nov 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

BU-03-112320



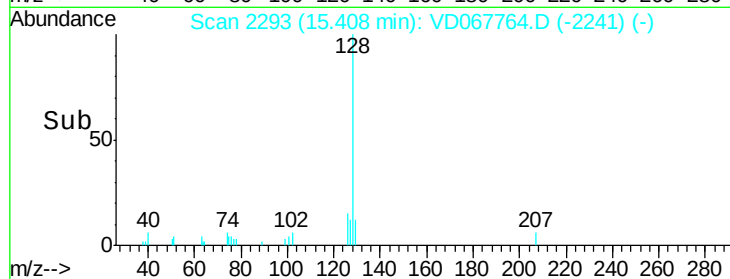
Tot Ion:128 Resp: 18927

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	11.3	8.6	12.8

128 100

127 14.0 10.7 16.1

129 11.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

