

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067611.D
 Acq On : 11 Nov 2020 19:15
 Operator : VA/SY
 Sample : L4719-10
 Misc : 8.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3A-S2

Quant Time: Nov 12 01:19:29 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	369395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	582933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	592977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300847	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	152558	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	7.92	113	180481	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.34	98	693175	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.64	95	264955	62.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.36%	

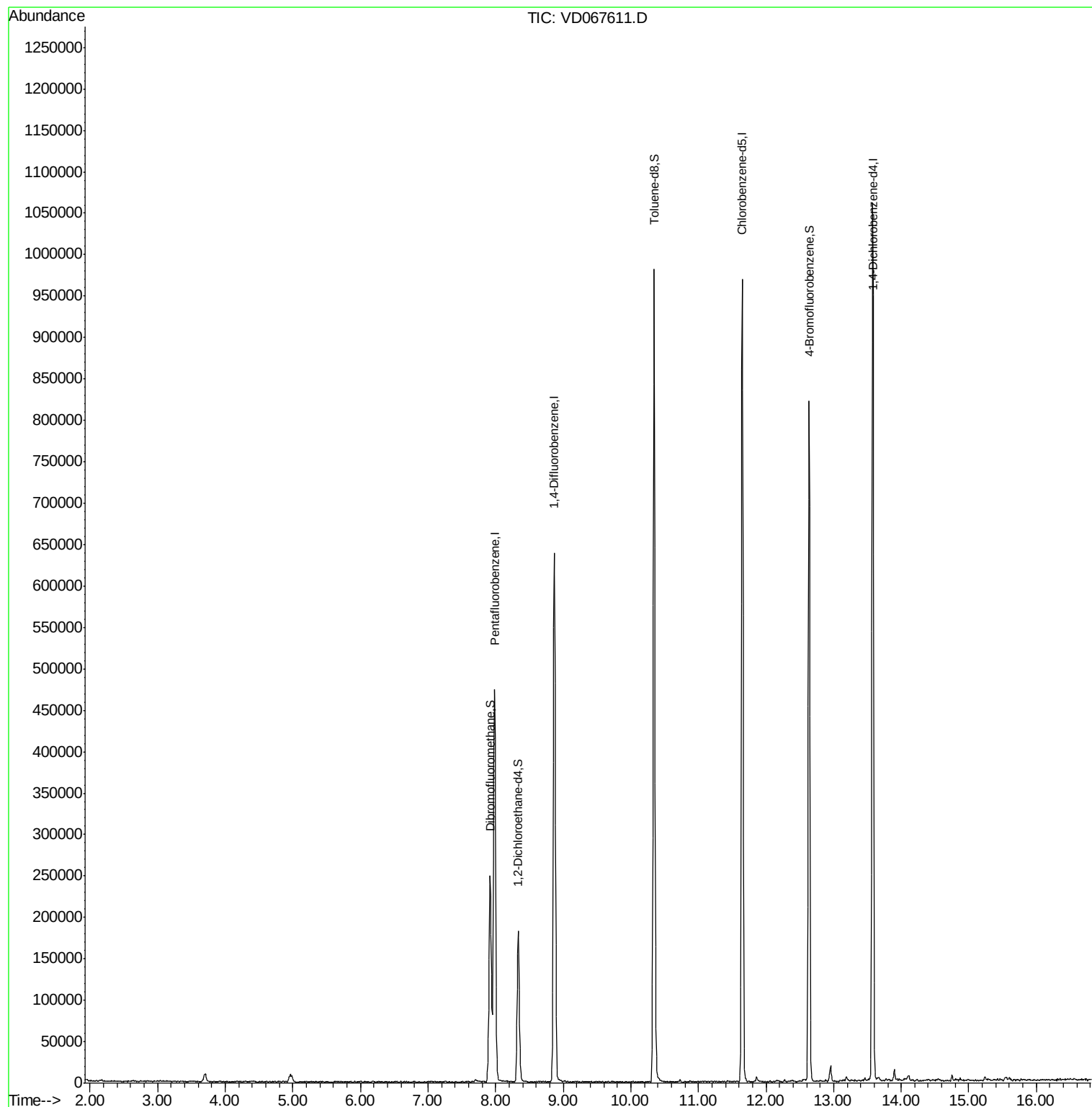
Target Compounds	Qvalue
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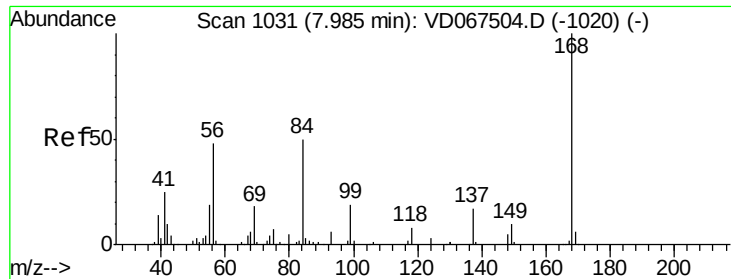
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

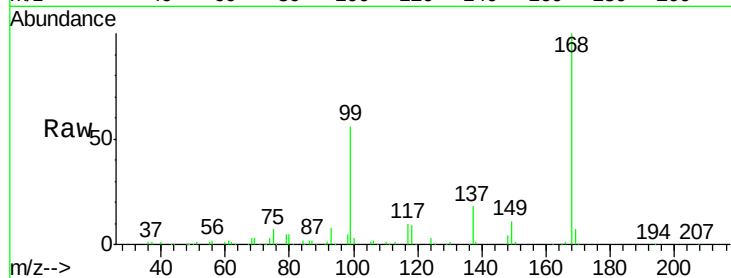
TP-3A-S2

Tot Ion:168 Resp: 369395

Ion Ratio Lower Upper

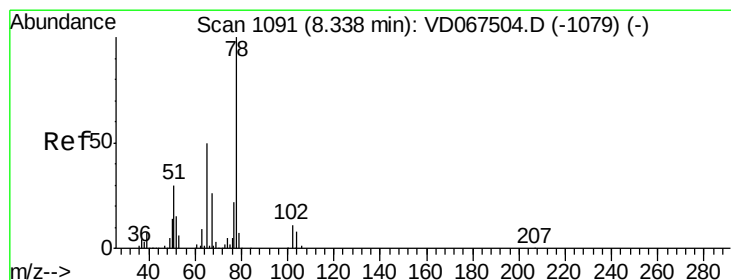
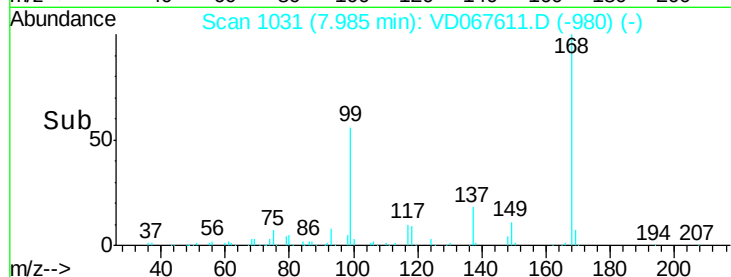
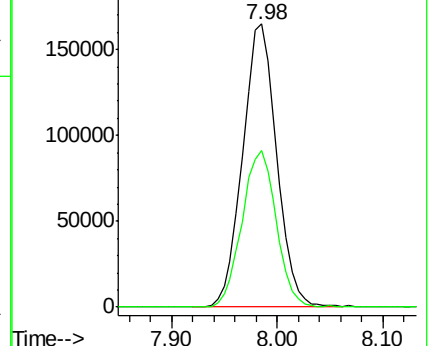
168 100

99 55.5 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: 47.232 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067611.D

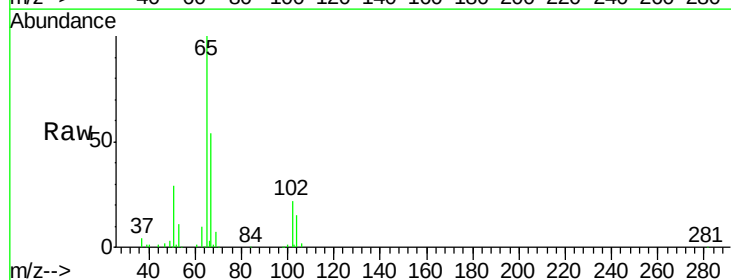
Acq: 11 Nov 2020 19:15

Tgt Ion: 65 Resp: 152558

Ion Ratio Lower Upper

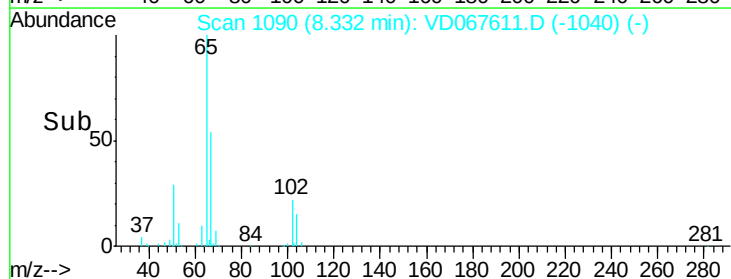
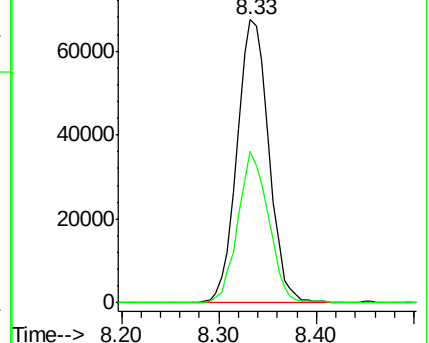
65 100

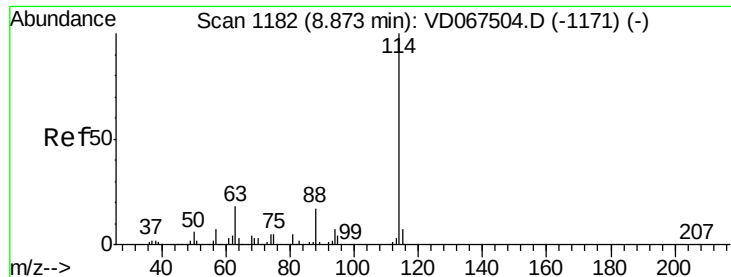
67 51.6 0.0 99.4



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# 1181

Delta R.T. -0.01 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

TP-3A-S2

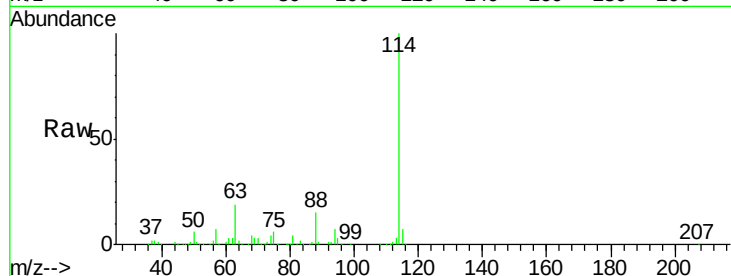
Tot Ion:114 Resp: 582933

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

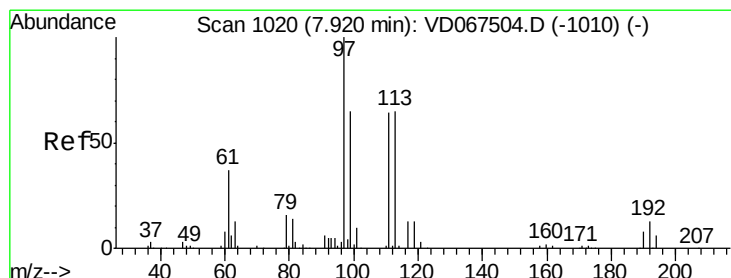
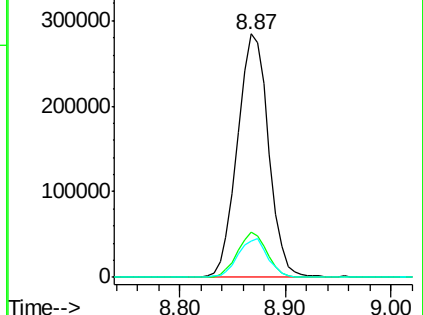
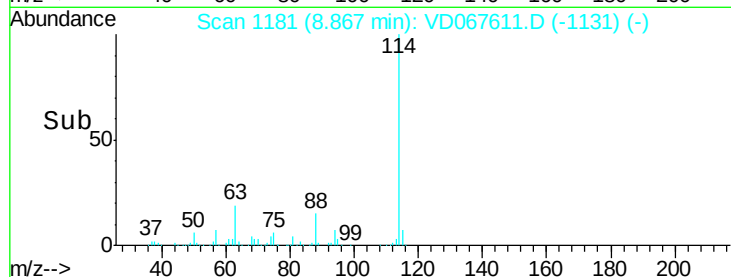
88 14.8 0.0 33.0



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: 51.388 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

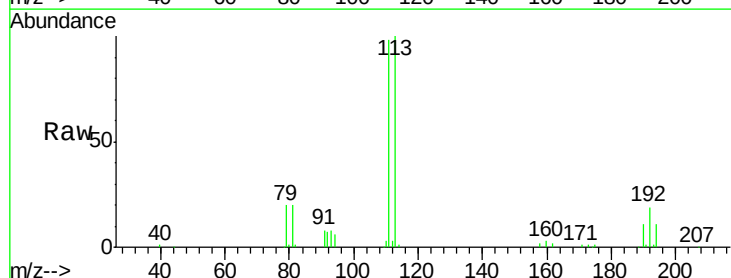
Tgt Ion:113 Resp: 180481

Ion Ratio Lower Upper

113 100

111 100.5 80.0 120.0

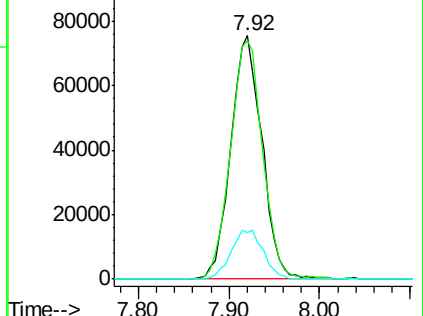
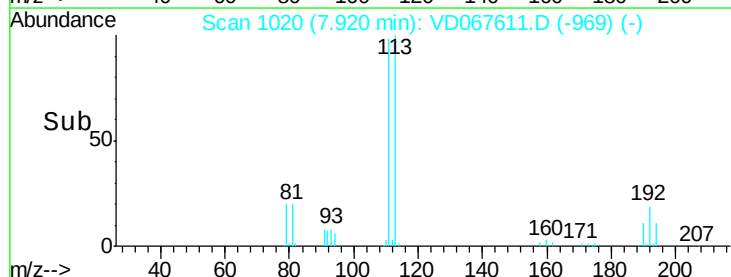
192 20.9 16.3 24.5

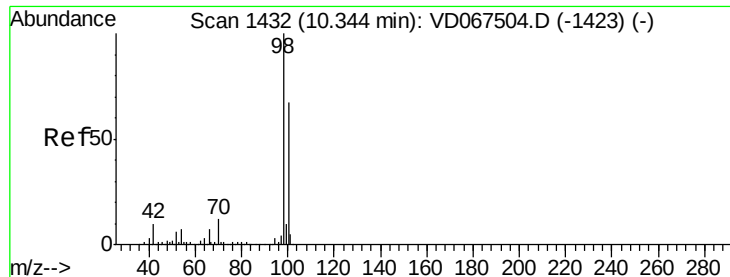


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.161 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

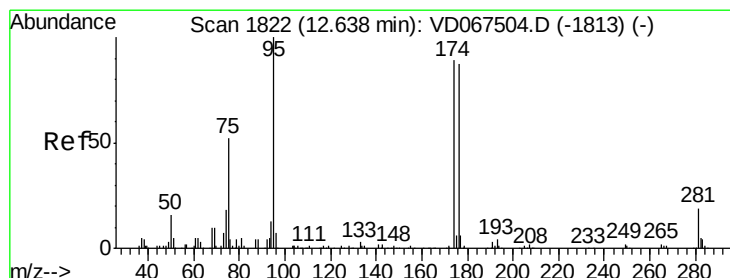
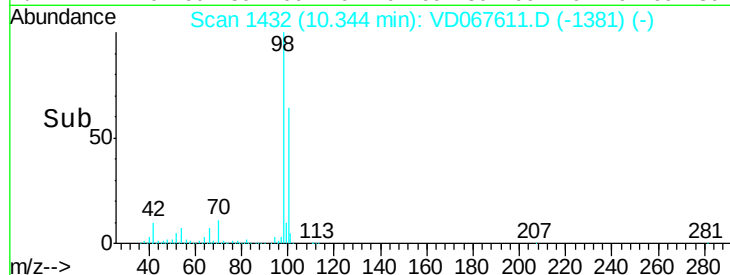
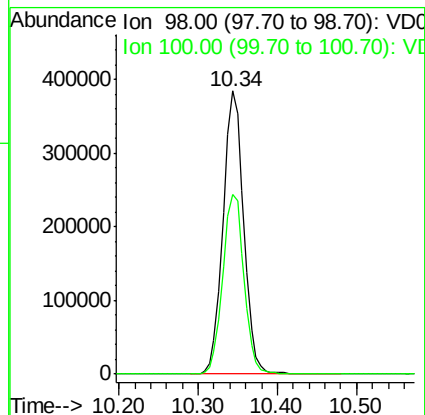
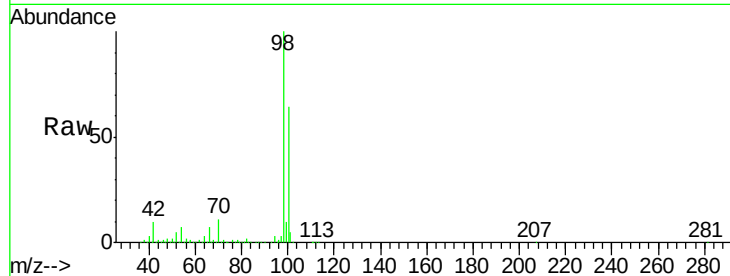
TP-3A-S2

Tot Ion: 98 Resp: 693175

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 62.178 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

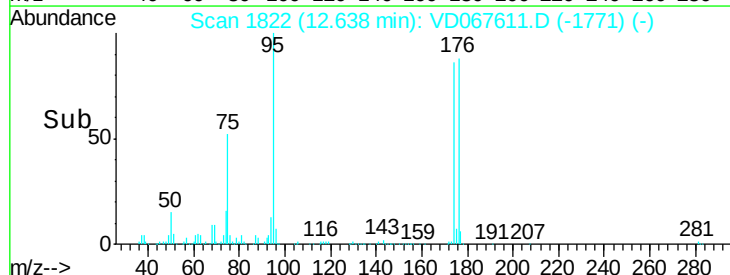
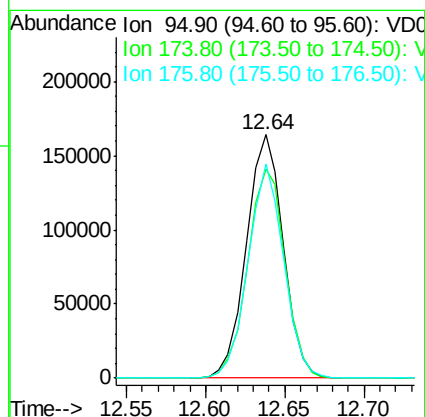
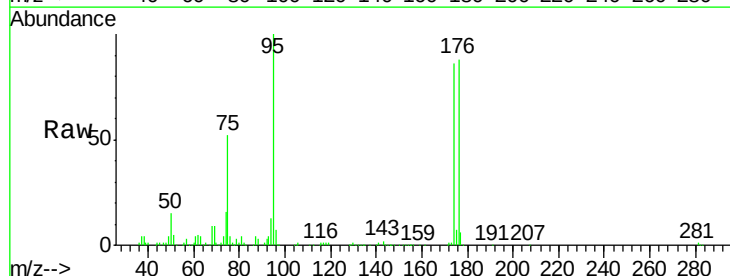
Tgt Ion: 95 Resp: 264955

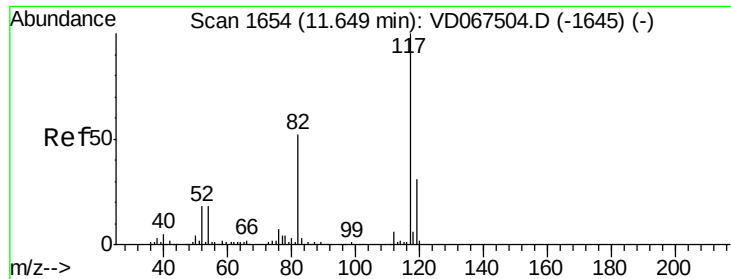
Ion Ratio Lower Upper

95 100

174 87.5 0.0 177.8

176 85.0 0.0 172.0

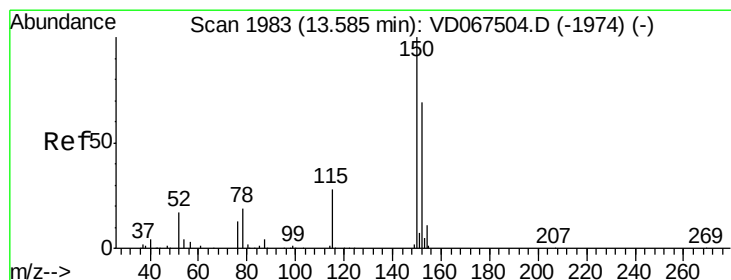
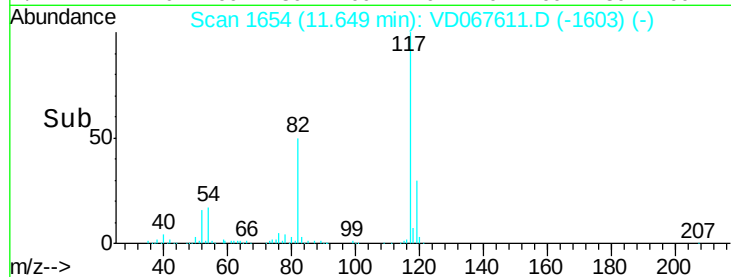
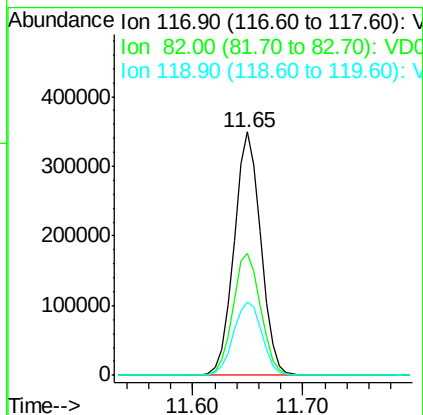
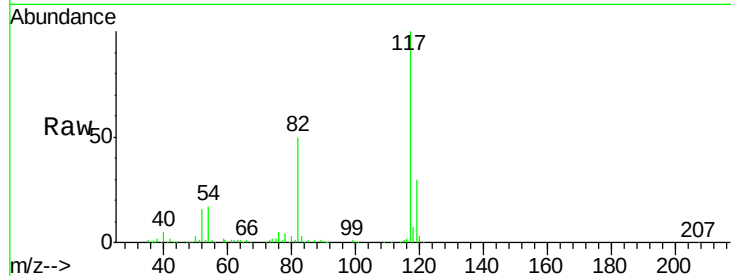




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
TP-3A-S2

Tot Ion:117 Resp: 592977
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 29.9 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: VD067611.D
Acq: 11 Nov 2020 19:15

Tgt Ion:152 Resp: 300847
Ion Ratio Lower Upper
152 100
115 59.7 29.3 88.0
150 156.1 0.0 338.2

