

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067601.D
 Acq On : 11 Nov 2020 14:41
 Operator : VA/SY
 Sample : L4714-01
 Misc : 5.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-SP-1

Quant Time: Nov 12 00:50:29 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	361911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	593822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	600824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306384	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	174459	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
35) Dibromofluoromethane	7.92	113	186602	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.34	98	695269	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.64	95	270903	62.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.82%	

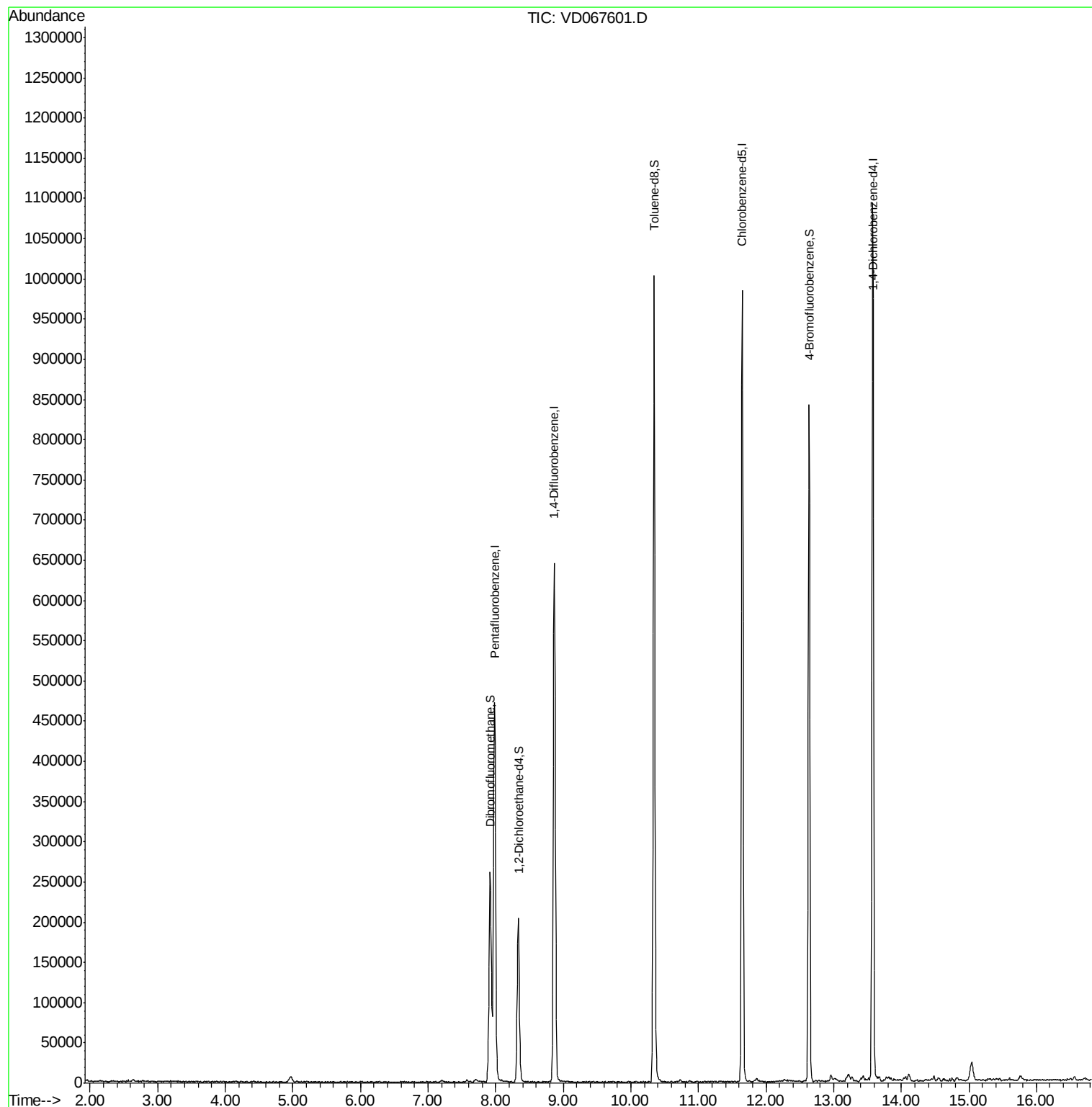
Target Compounds	Qvalue

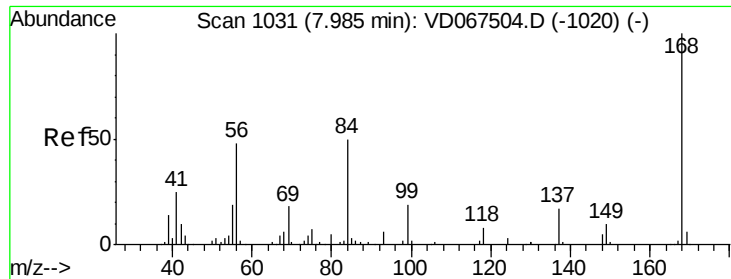
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067601.D

Acq: 11 Nov 2020 14:41

Instrument :

MSVOA_D

ClientSampleId :

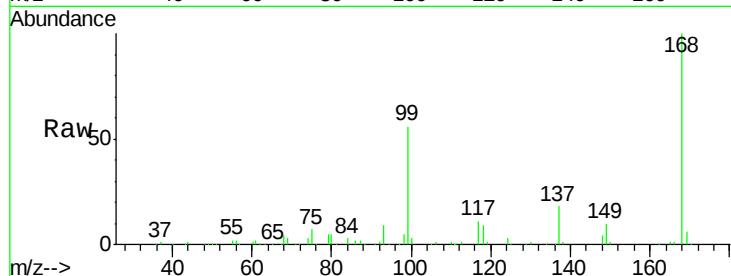
EROC-SP-1

Tot Ion:168 Resp: 361911

Ion Ratio Lower Upper

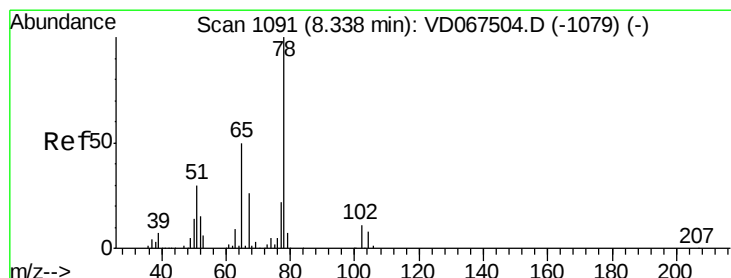
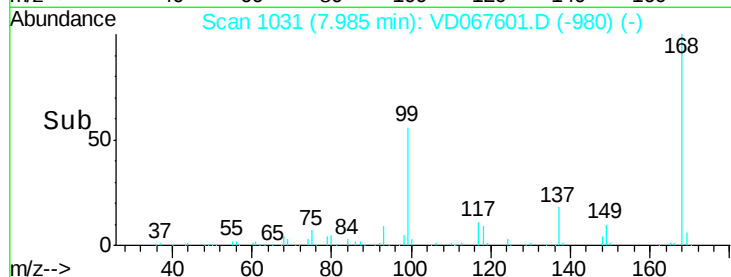
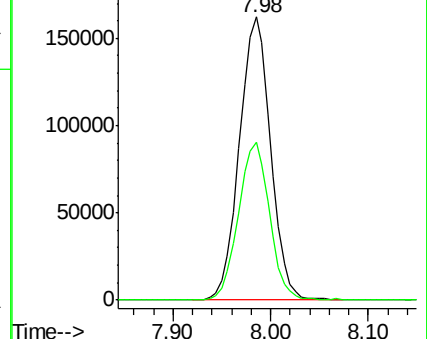
168 100

99 55.9 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: 55.130 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067601.D

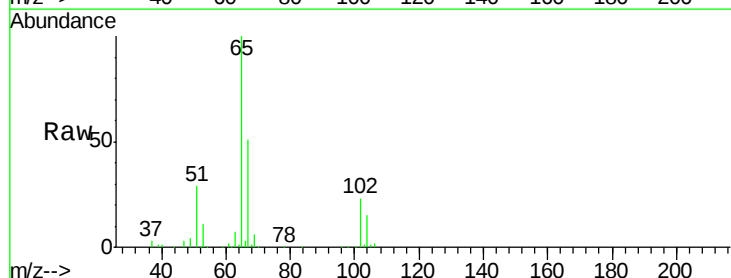
Acq: 11 Nov 2020 14:41

Tgt Ion: 65 Resp: 174459

Ion Ratio Lower Upper

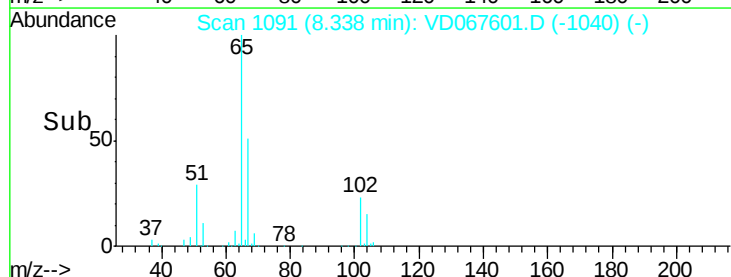
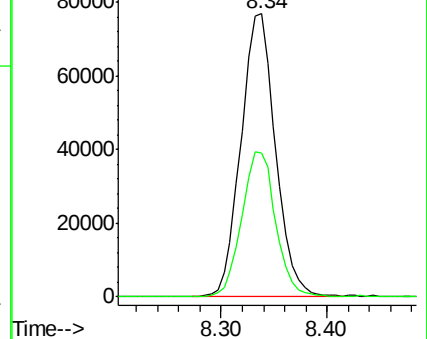
65 100

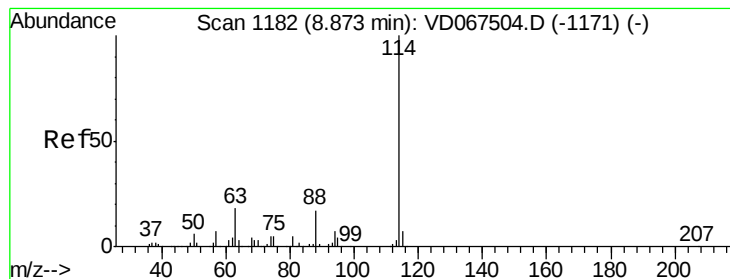
67 50.3 0.0 99.4



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: VD067601.D

Acq: 11 Nov 2020 14:41

Instrument :

MSVOA_D

ClientSampleId :

EROC-SP-1

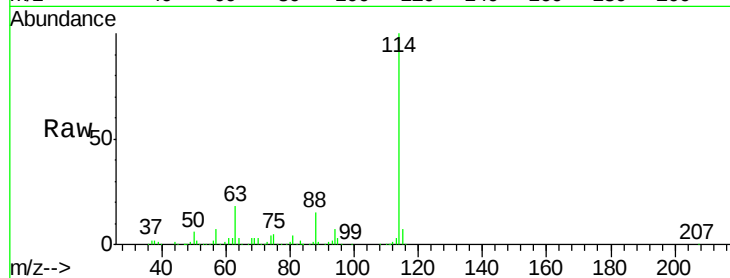
Tot Ion:114 Resp: 593822

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

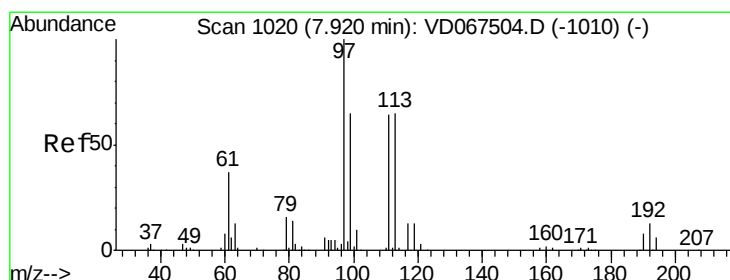
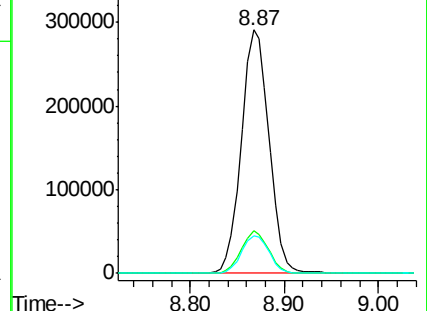
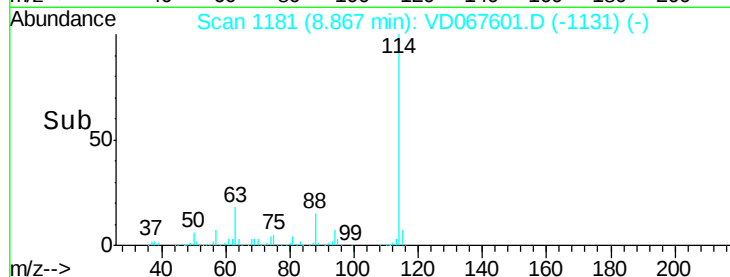
88 15.2 0.0 33.0



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: 52.156 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

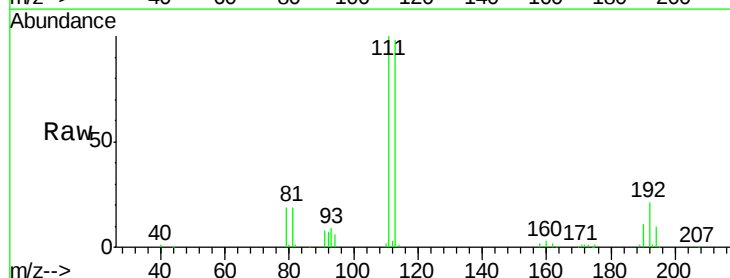
Tgt Ion:113 Resp: 186602

Ion Ratio Lower Upper

113 100

111 101.5 80.0 120.0

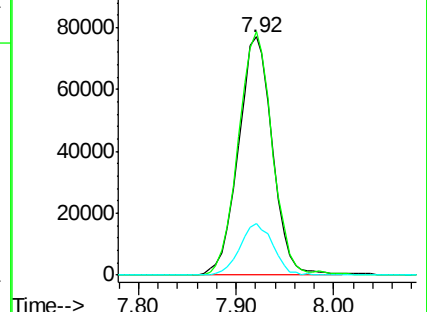
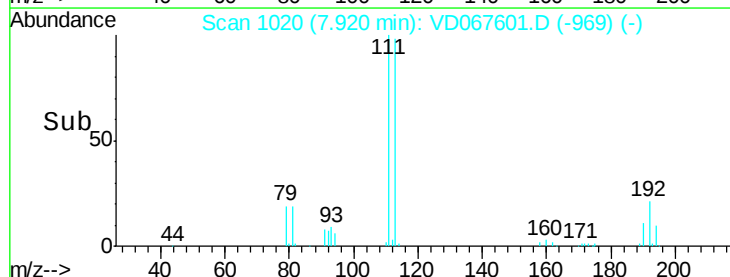
192 21.5 16.3 24.5

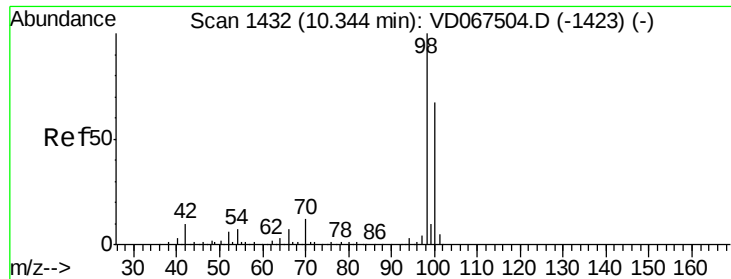


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.298 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

Instrument :

MSVOA_D

ClientSampleId :

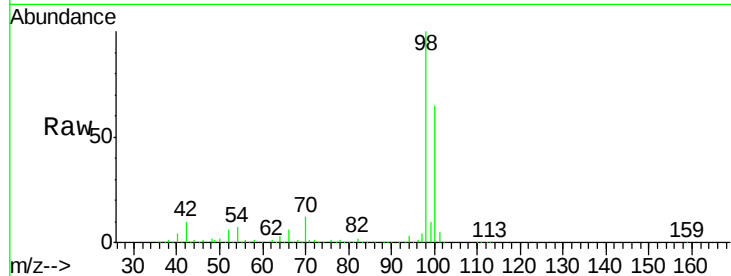
EROC-SP-1

Tot Ion: 98 Resp: 695269

Ion Ratio Lower Upper

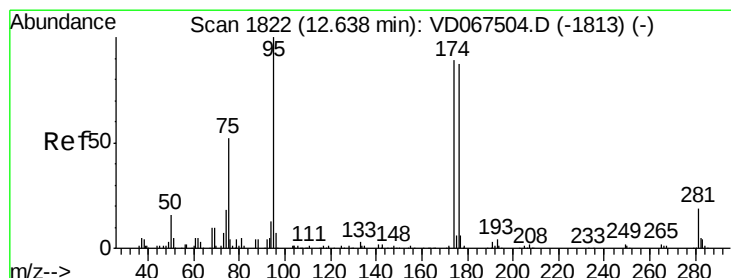
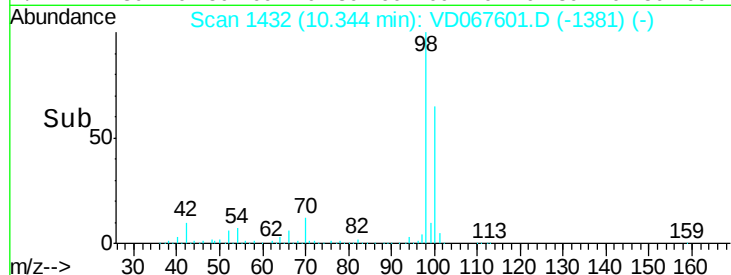
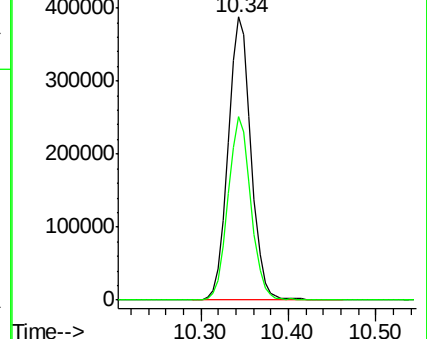
98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 62.408 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

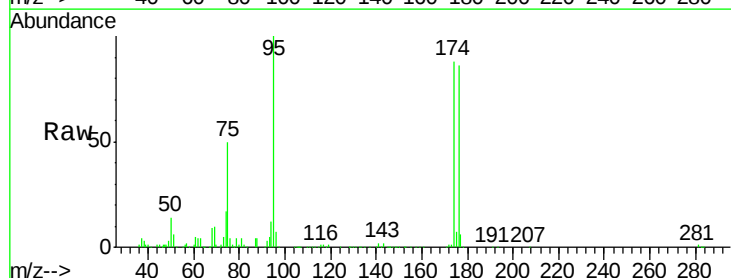
Tgt Ion: 95 Resp: 270903

Ion Ratio Lower Upper

95 100

174 87.7 0.0 177.8

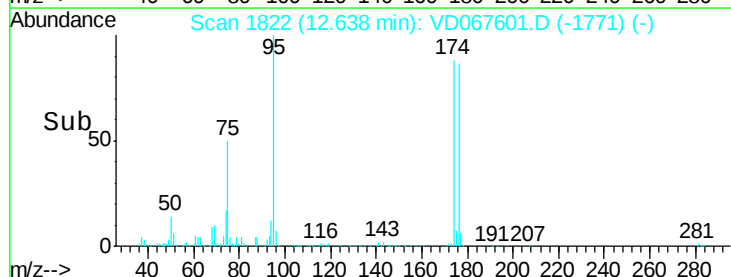
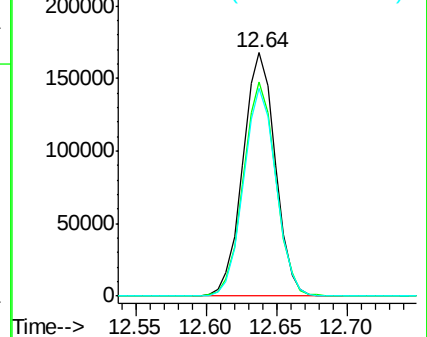
176 85.2 0.0 172.0

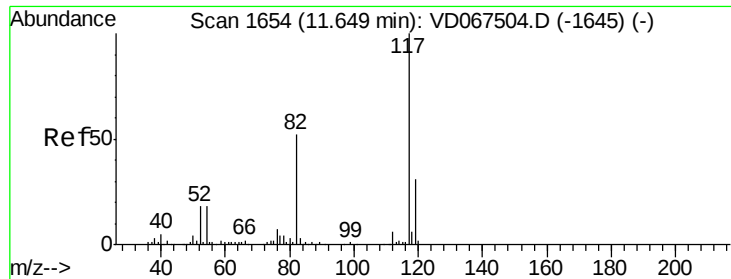


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

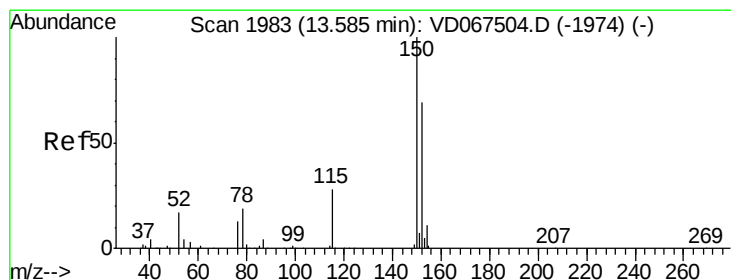
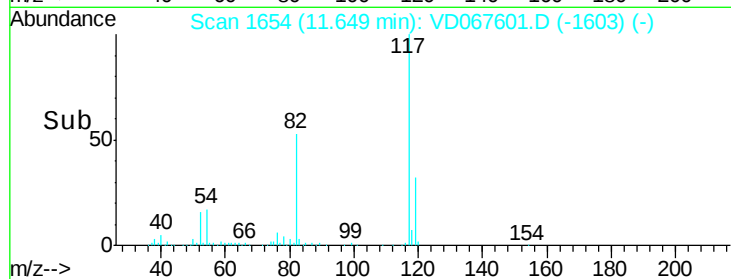
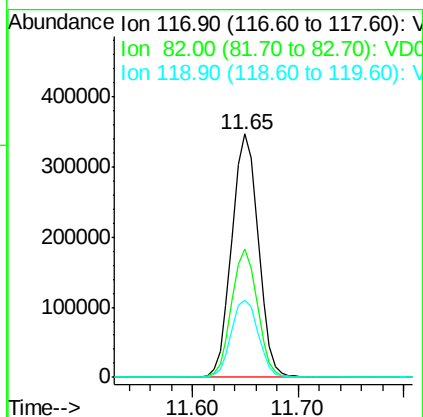
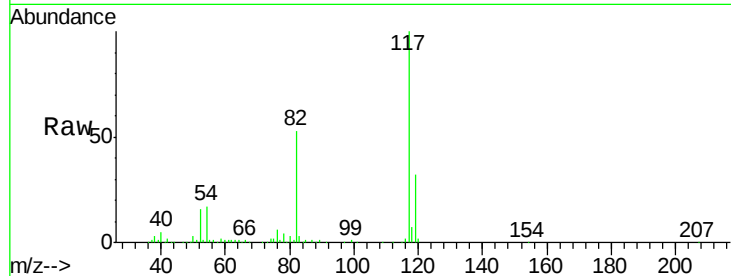




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-1

Tot Ion:117 Resp: 600824
Ion Ratio Lower Upper
117 100
82 52.5 41.6 62.4
119 31.7 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: VD067601.D
Acq: 11 Nov 2020 14:41

Tgt Ion:152 Resp: 306384
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 156.4 0.0 338.2

