

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064459.D
 Acq On : 06 Dec 2019 15:27
 Operator : VA/SY
 Sample : K6187-04
 Misc : 5.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-BOT-E

Quant Time: Dec 06 23:13:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	613227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	906088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	840394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	414233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	250473	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
35) Dibromofluoromethane	7.92	113	270955	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	10.34	98	1065880	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.64	95	361346	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	

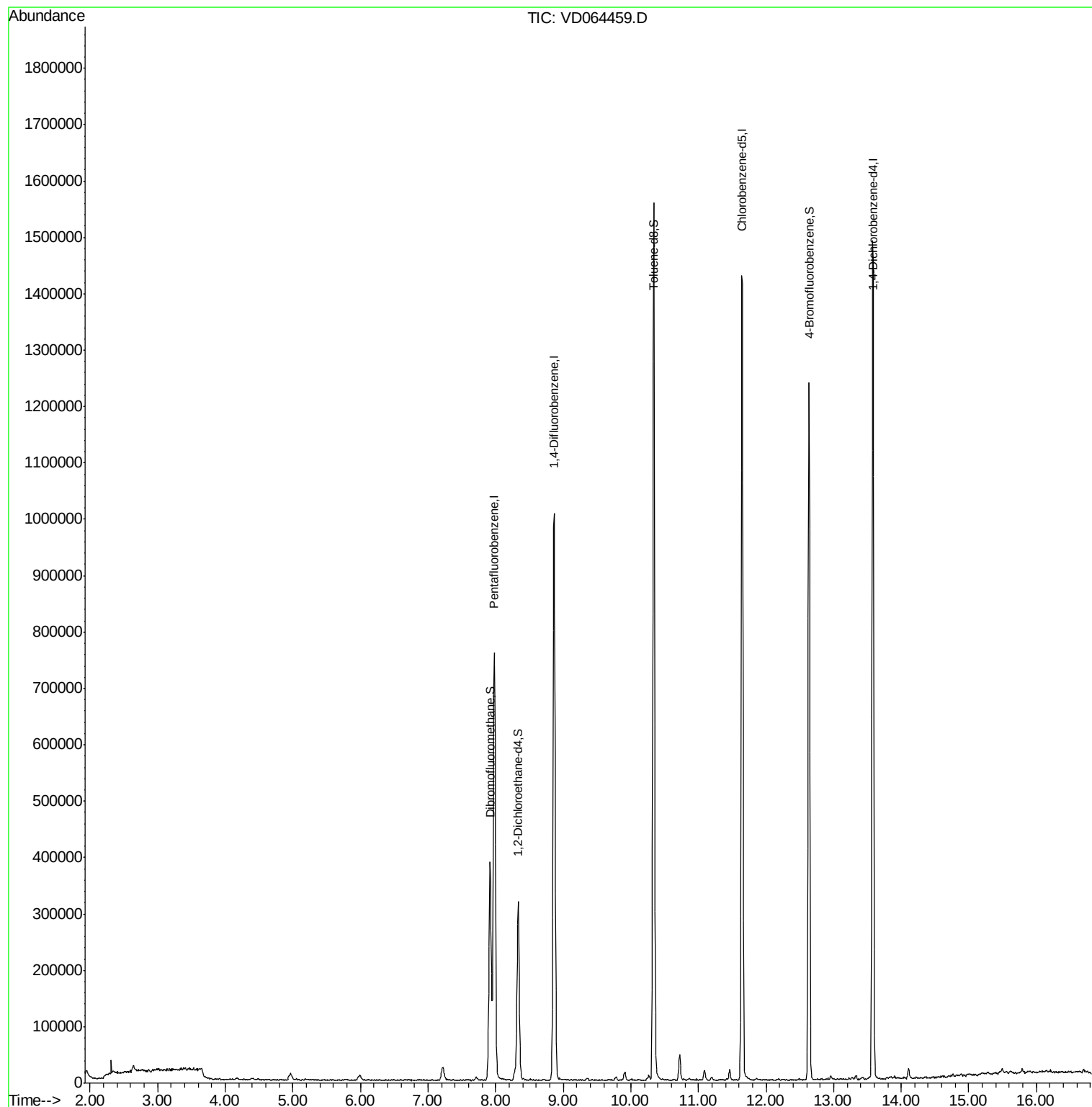
Target Compounds Qvalue

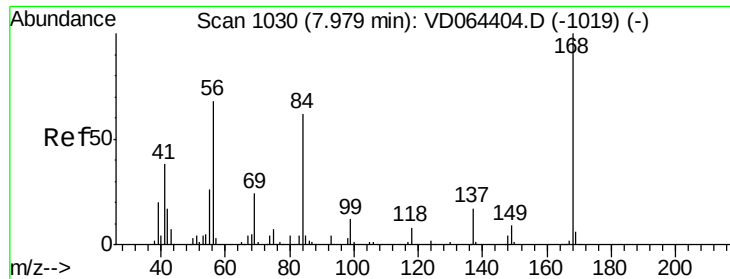
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064459.D

Acq: 06 Dec 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

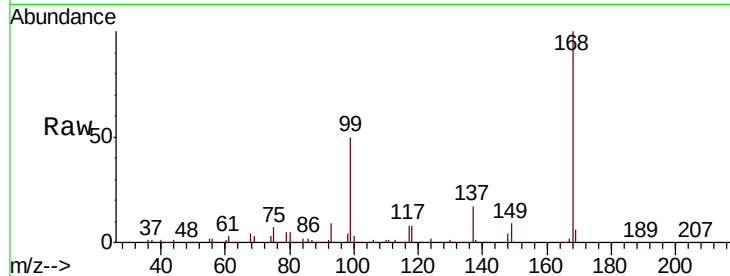
RPC-BOT-E

Tot Ion:168 Resp: 613227

Ion Ratio Lower Upper

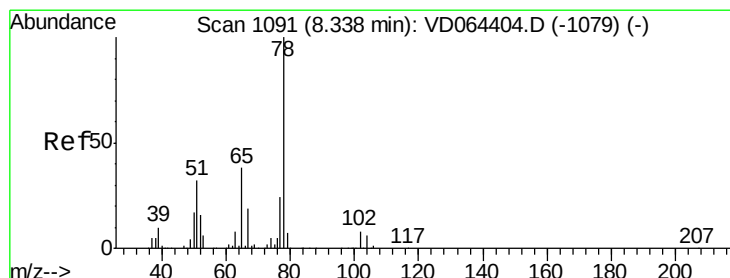
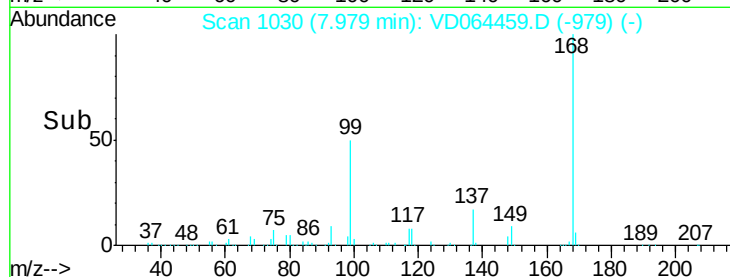
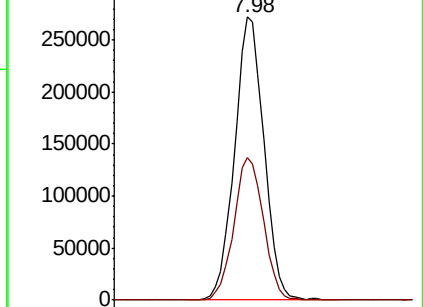
168 100

99 50.2 40.7 61.1



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: 45.125 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064459.D

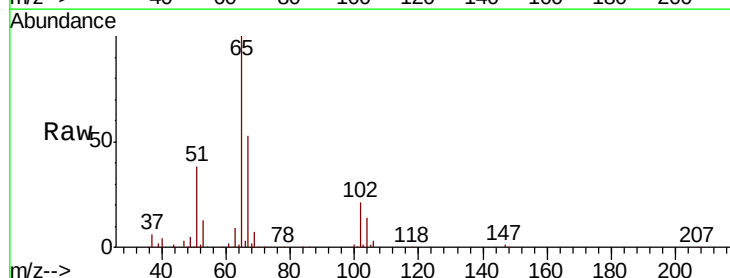
Acq: 06 Dec 2019 15:27

Tgt Ion: 65 Resp: 250473

Ion Ratio Lower Upper

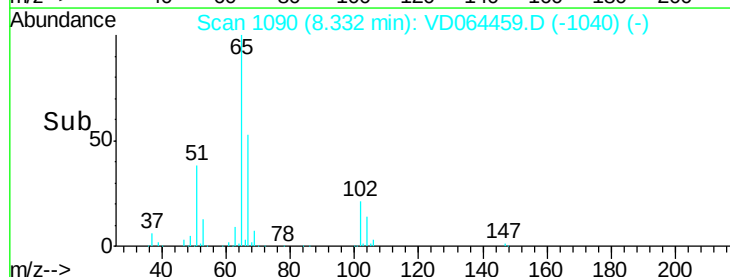
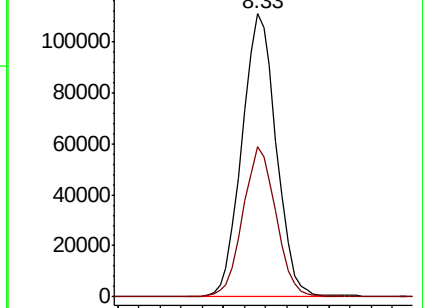
65 100

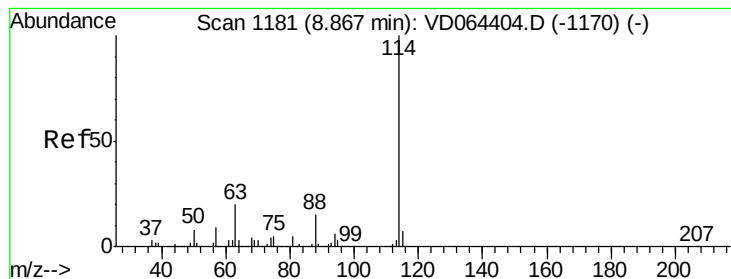
67 51.3 0.0 102.0



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: VD064459.D

Acq: 06 Dec 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

RPC-BOT-E

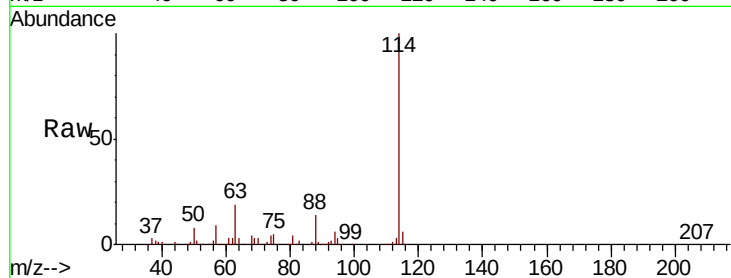
Tot Ion:114 Resp: 906088

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

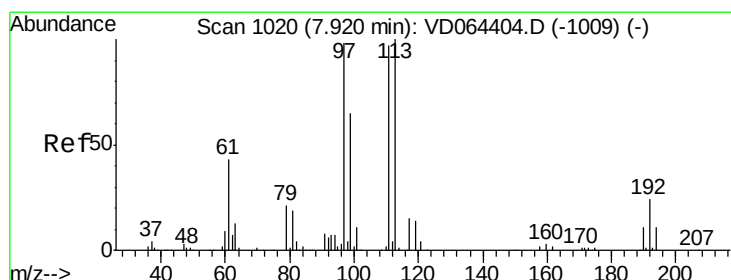
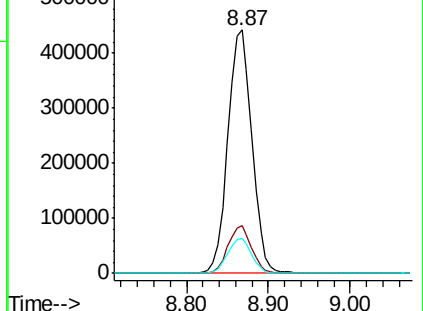
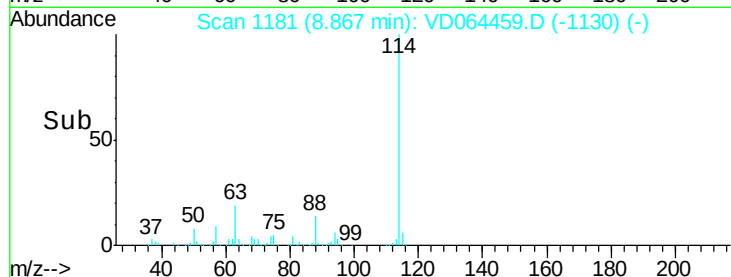
88 14.5 0.0 29.2



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: 47.463 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064459.D

Acq: 06 Dec 2019 15:27

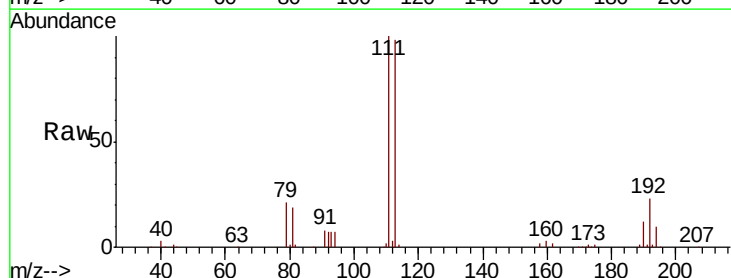
Tgt Ion:113 Resp: 270955

Ion Ratio Lower Upper

113 100

111 102.5 79.4 119.2

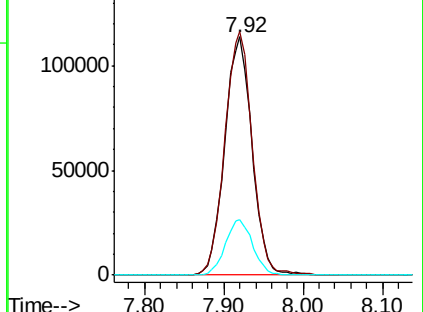
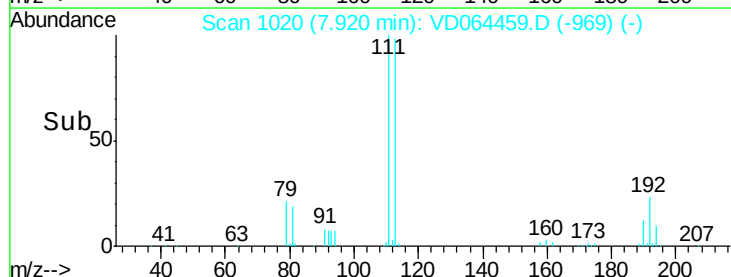
192 23.2 18.6 28.0

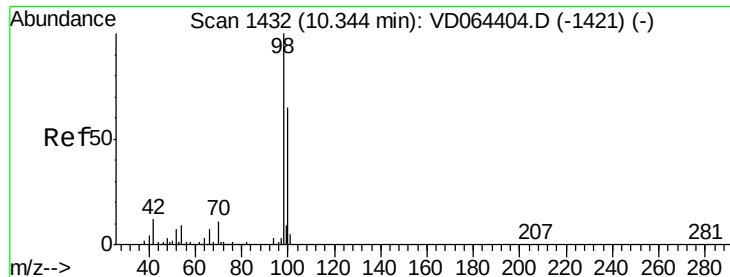


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.566 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064459.D

Acq: 06 Dec 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

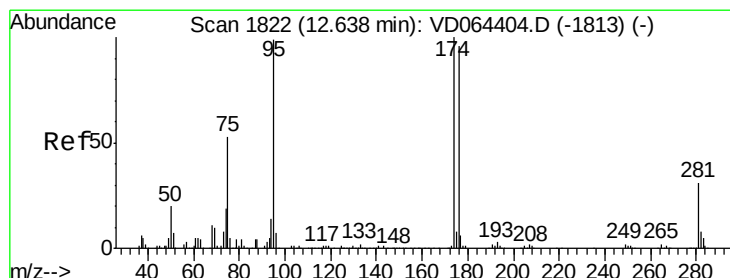
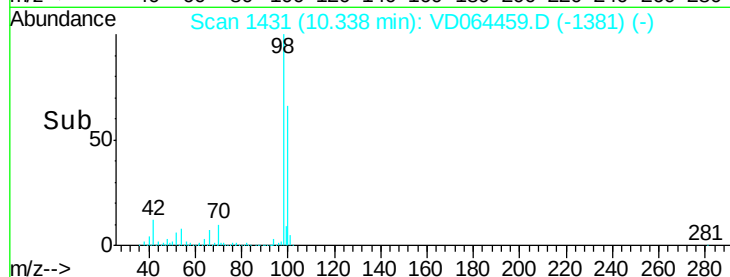
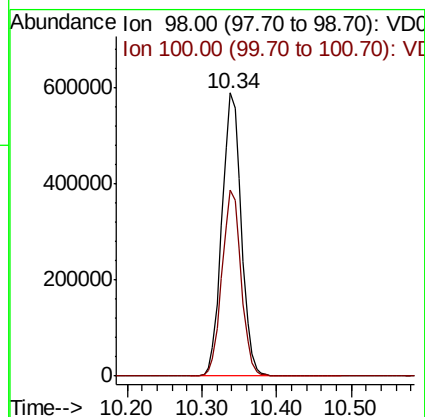
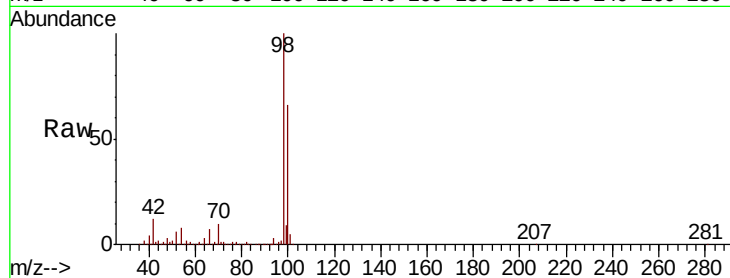
RPC-BOT-E

Tot Ion: 98 Resp: 1065880

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 52.286 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064459.D

Acq: 06 Dec 2019 15:27

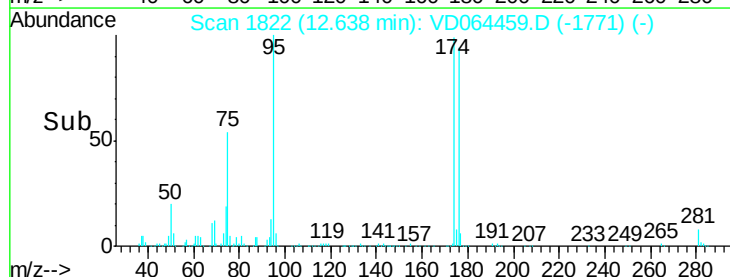
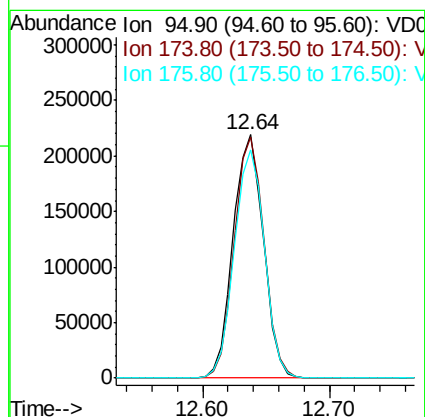
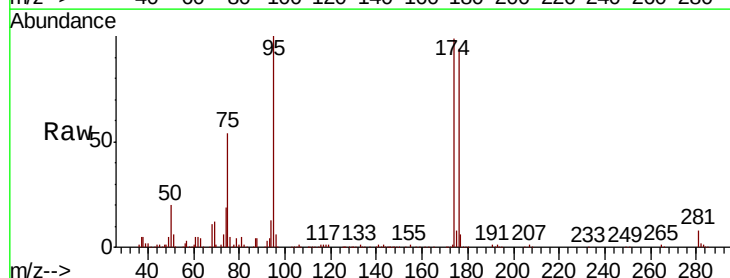
Tgt Ion: 95 Resp: 361346

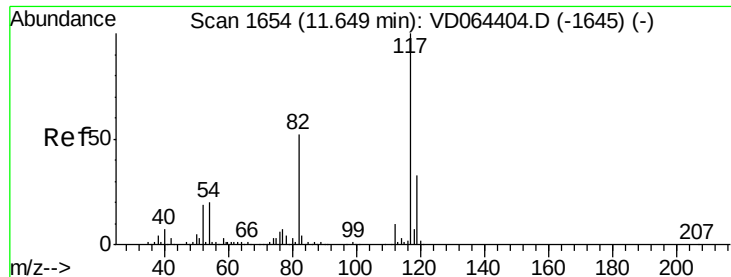
Ion Ratio Lower Upper

95 100

174 97.7 0.0 197.2

176 93.8 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064459.D

Acq: 06 Dec 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

RPC-BOT-E

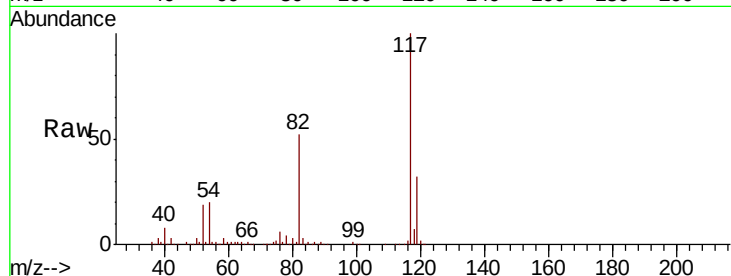
Tot Ion:117 Resp: 840394

Ion Ratio Lower Upper

117 100

82 51.7 41.4 62.2

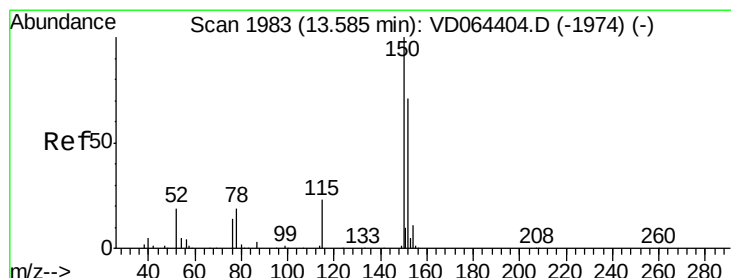
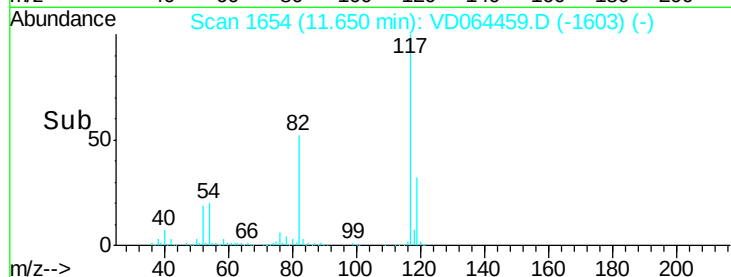
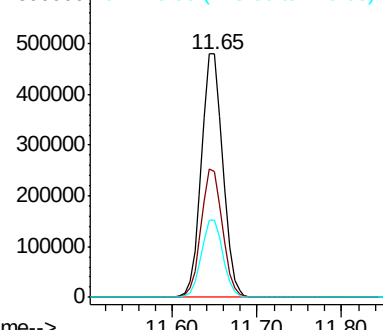
119 31.7 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064459.D

Acq: 06 Dec 2019 15:27

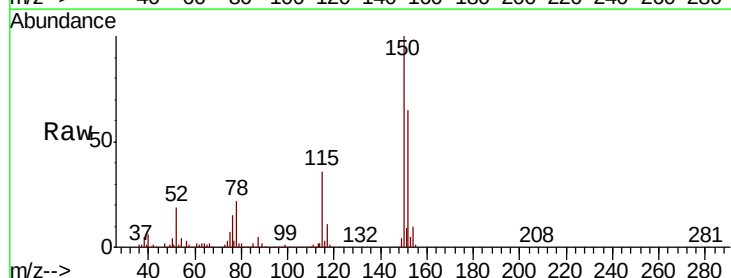
Tgt Ion:152 Resp: 414233

Ion Ratio Lower Upper

152 100

115 55.1 26.7 80.1

150 157.8 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

