

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064466.D
 Acq On : 06 Dec 2019 18:49
 Operator : VA/SY
 Sample : K6187-08
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-WALL-S

Quant Time: Dec 06 23:47:19 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	686696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	995710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	901736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	417874	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	249198	40.09	ug/l	0.00
Spiked Amount			Recovery	=	80.18%	
35) Dibromofluoromethane	7.92	113	291117	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
50) Toluene-d8	10.34	98	1175563	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.64	95	377717	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	

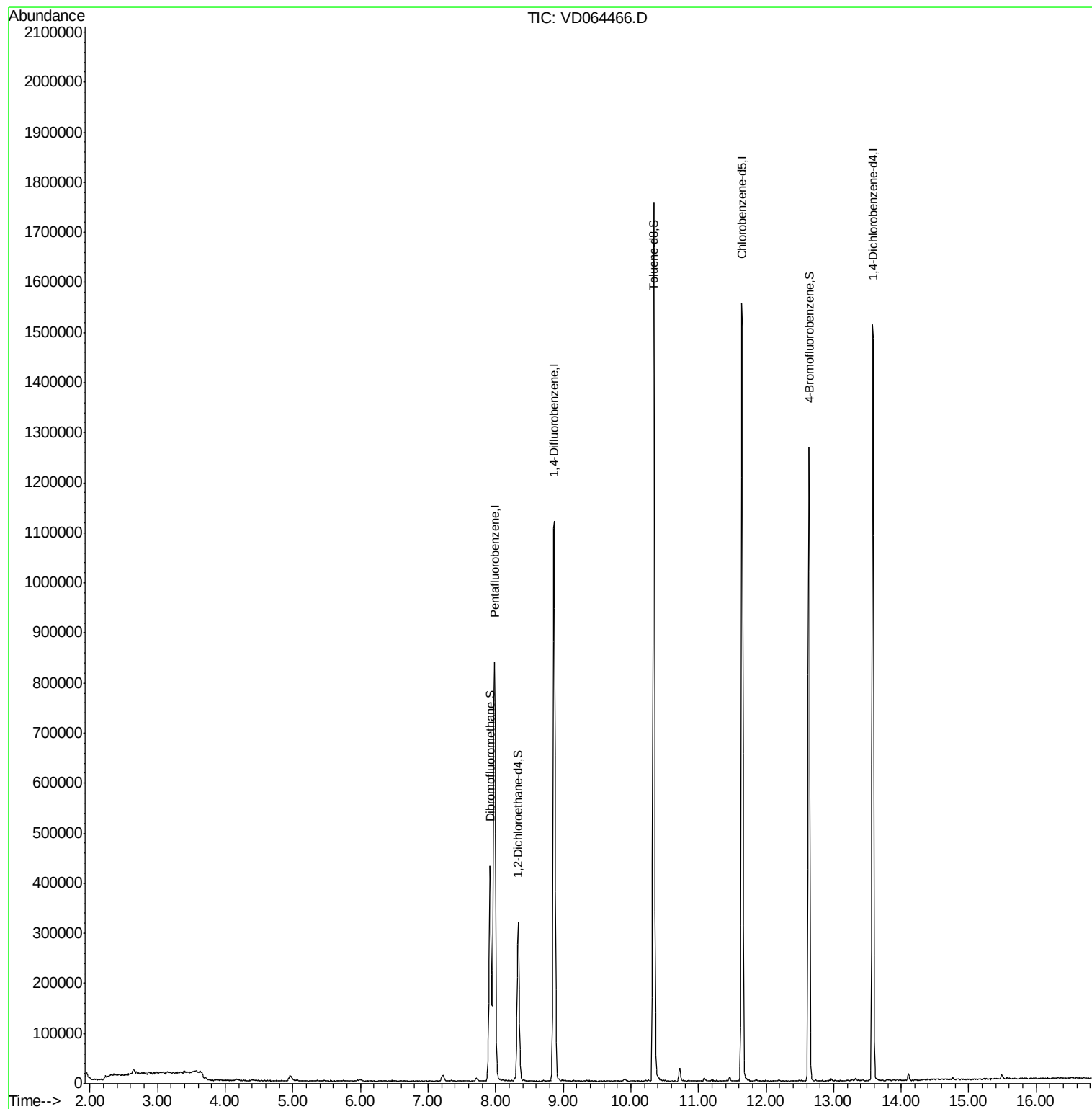
Target Compounds	Qvalue
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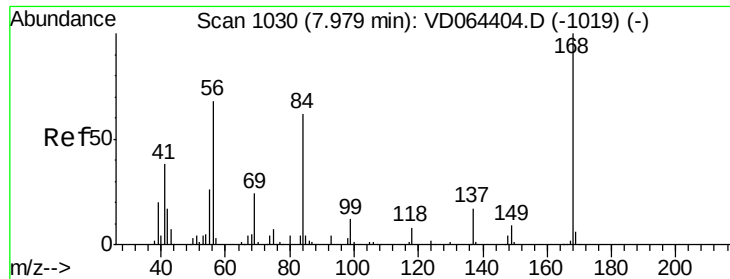
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064466.D

Acq: 06 Dec 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

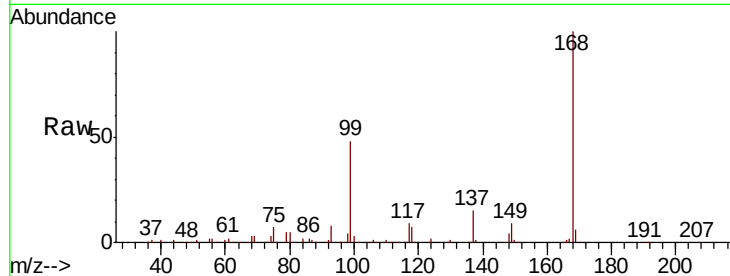
RPC-WALL-S

Tot Ion:168 Resp: 686696

Ion Ratio Lower Upper

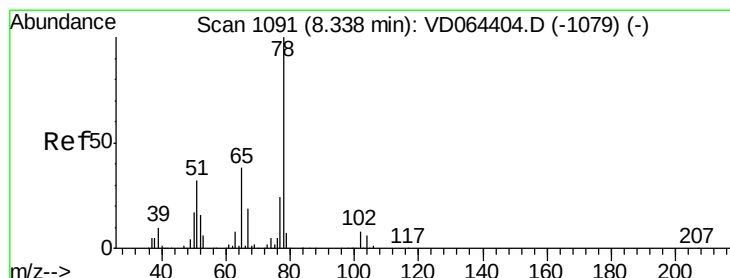
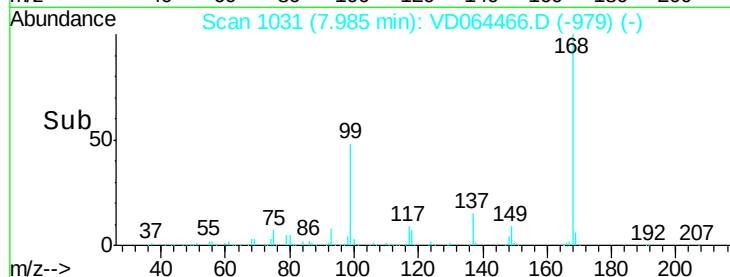
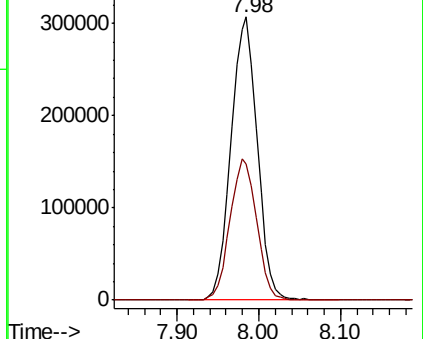
168 100

99 48.2 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: 40.092 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064466.D

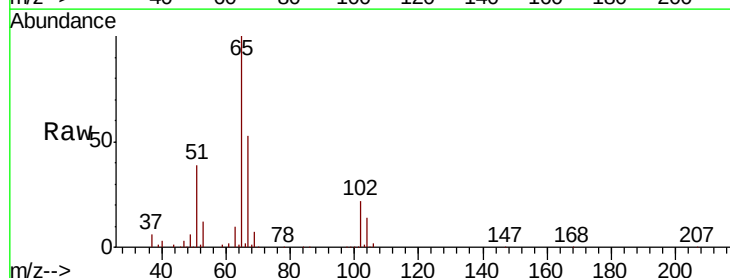
Acq: 06 Dec 2019 18:49

Tgt Ion: 65 Resp: 249198

Ion Ratio Lower Upper

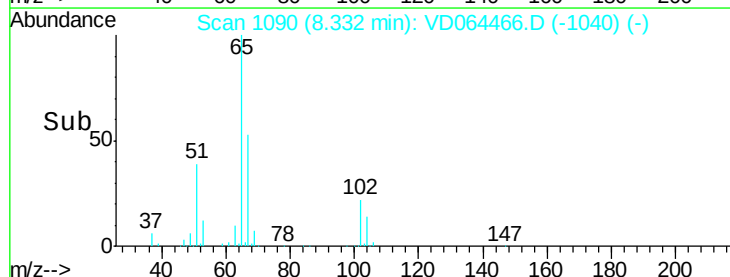
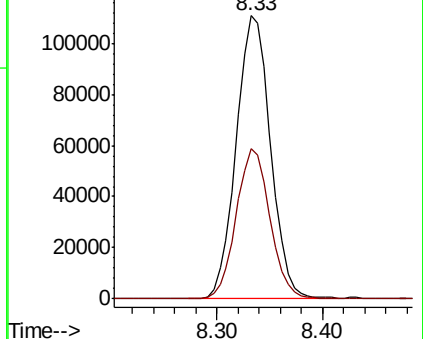
65 100

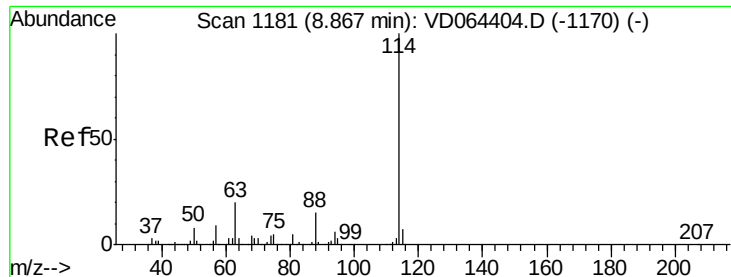
67 52.3 0.0 102.0



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: VD064466.D

Acq: 06 Dec 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

RPC-WALL-S

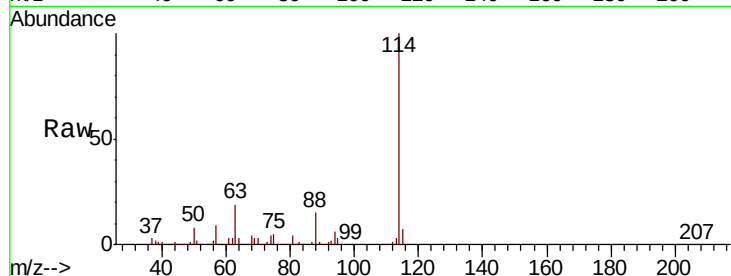
Tot Ion:114 Resp: 995710

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

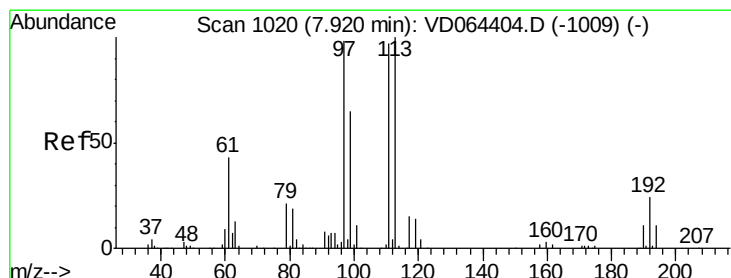
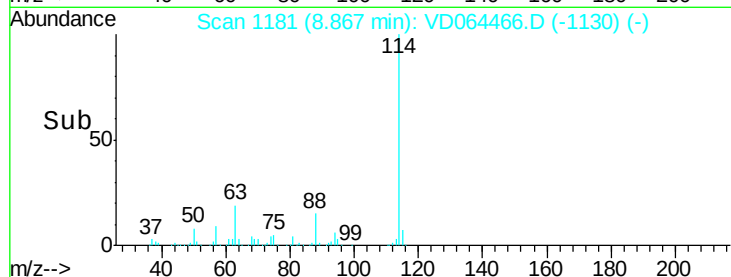
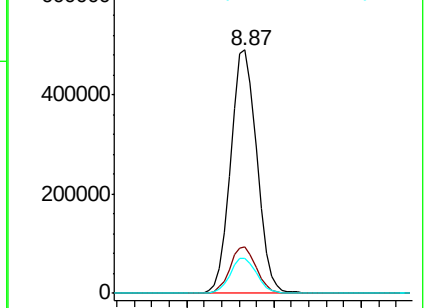
88 14.5 0.0 29.2



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: 46.404 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064466.D

Acq: 06 Dec 2019 18:49

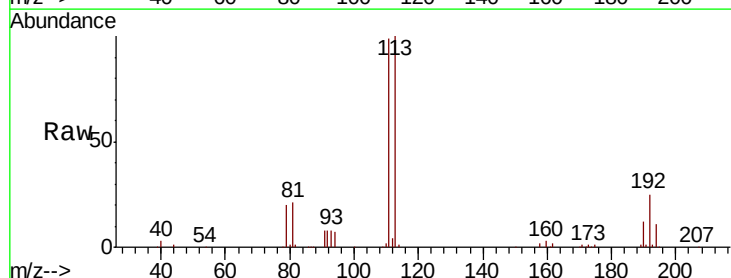
Tgt Ion:113 Resp: 291117

Ion Ratio Lower Upper

113 100

111 101.8 79.4 119.2

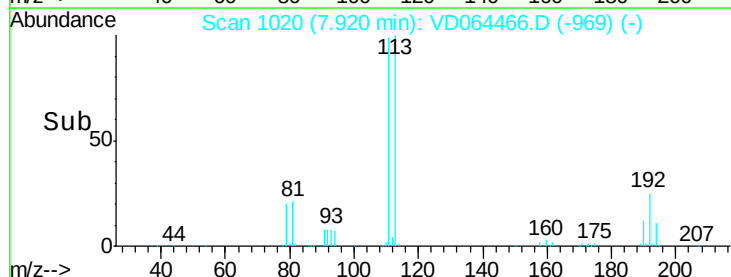
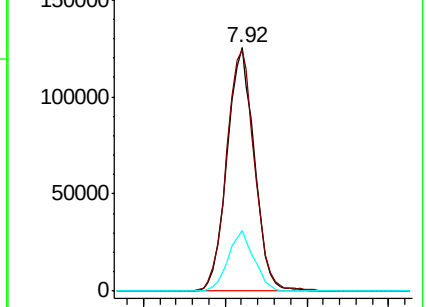
192 23.5 18.6 28.0

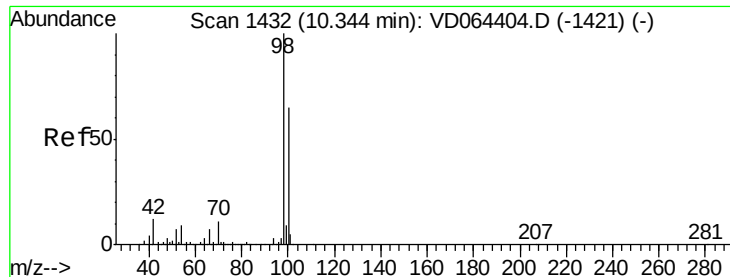


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.746 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064466.D

Acq: 06 Dec 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

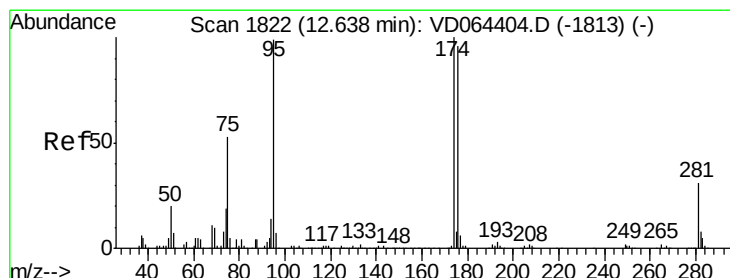
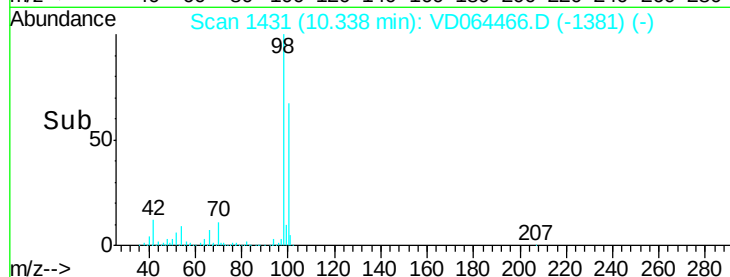
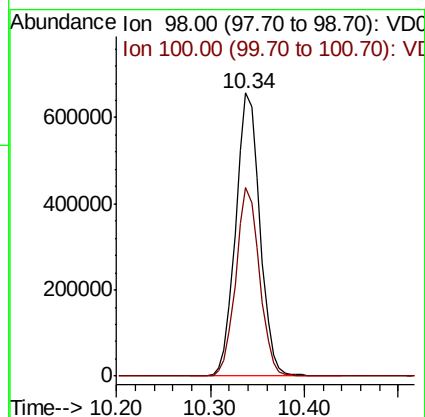
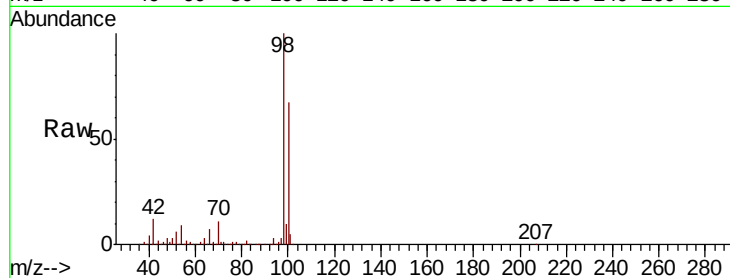
RPC-WALL-S

Tot Ion: 98 Resp: 1175563

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 49.736 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064466.D

Acq: 06 Dec 2019 18:49

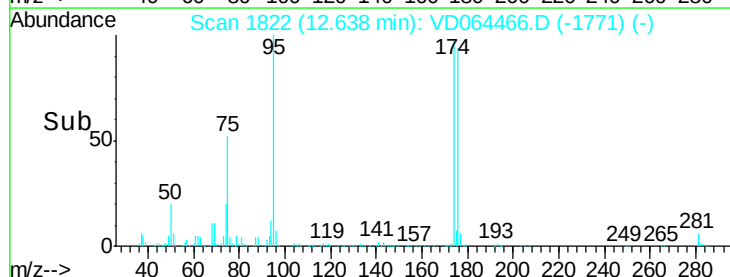
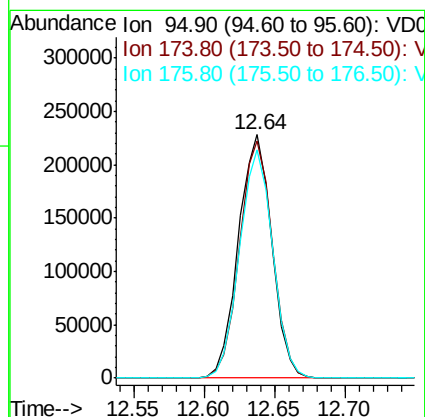
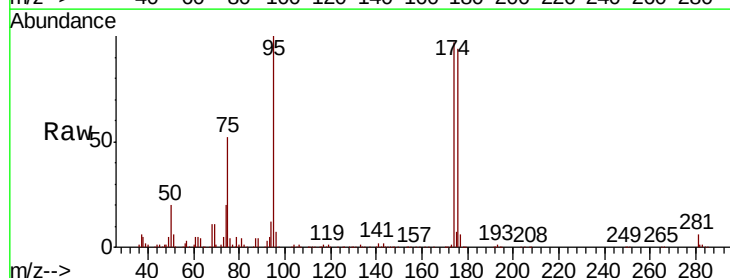
Tgt Ion: 95 Resp: 377717

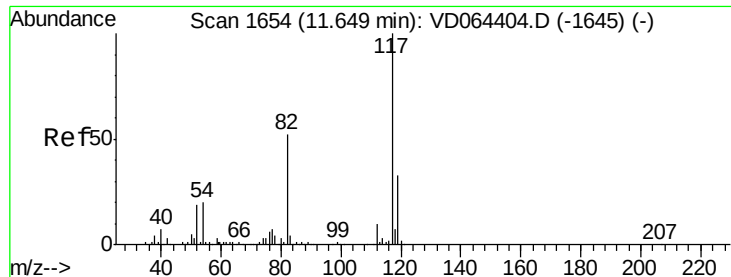
Ion Ratio Lower Upper

95 100

174 96.3 0.0 197.2

176 93.5 0.0 189.6

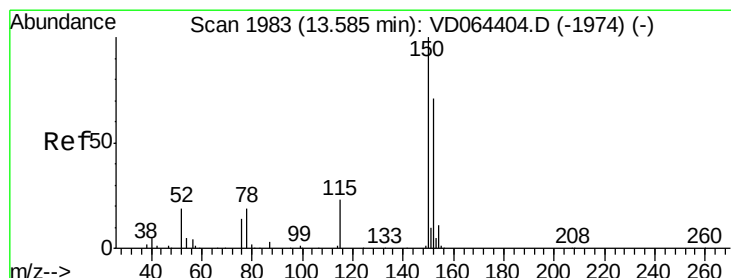
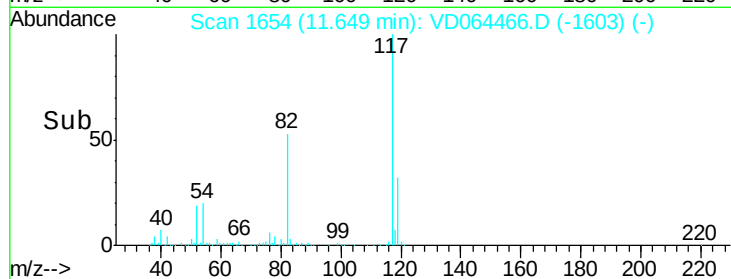
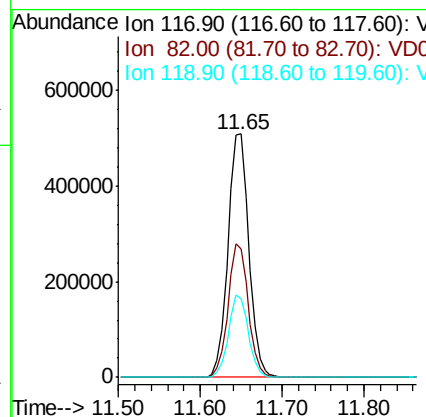
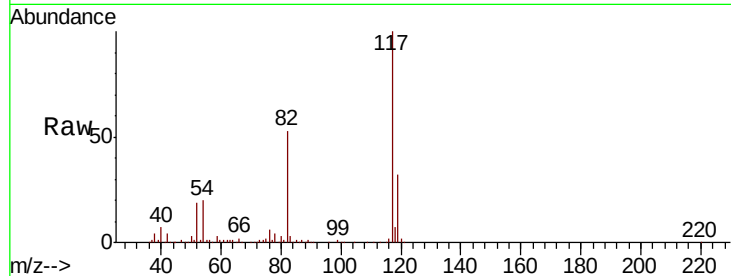




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: VD064466.D
 Acq: 06 Dec 2019 18:49

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-WALL-S

Tot Ion:117 Resp: 901736
 Ion Ratio Lower Upper
 117 100
 82 52.8 41.4 62.2
 119 32.4 26.2 39.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: VD064466.D
 Acq: 06 Dec 2019 18:49

Tgt Ion:152 Resp: 417874
 Ion Ratio Lower Upper
 152 100
 115 55.0 26.7 80.1
 150 157.8 0.0 347.2

