

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064464.D
 Acq On : 06 Dec 2019 17:51
 Operator : VA/SY
 Sample : K6187-06RE
 Misc : 5.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-WALL-ERE

Quant Time: Dec 06 23:39:16 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	132693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	195950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	194779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	104205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	76253	63.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.98%	
35) Dibromofluoromethane	7.92	113	65400	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.34	98	230156	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.64	95	87957	58.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.70%	

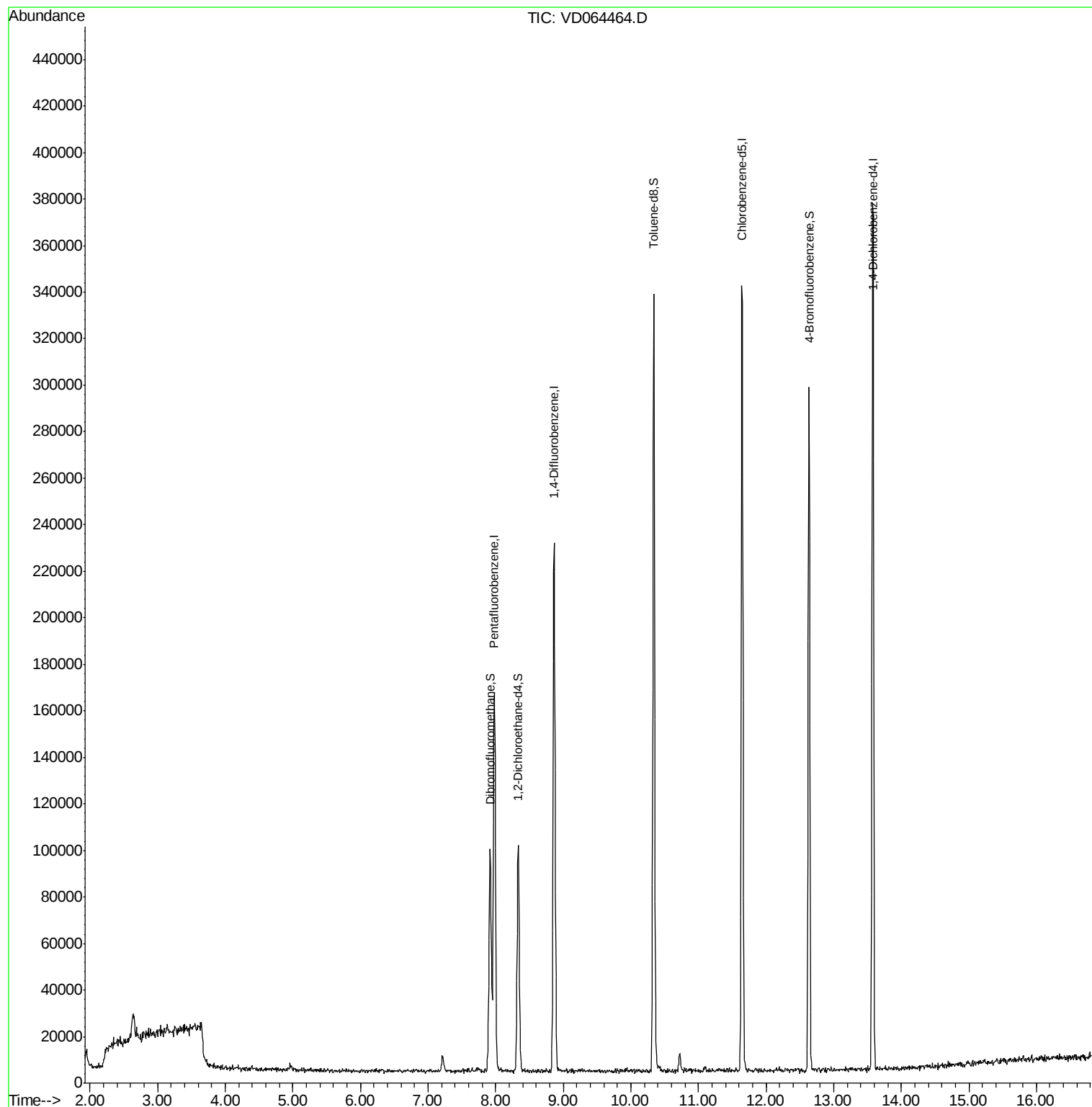
Target Compounds	Qvalue

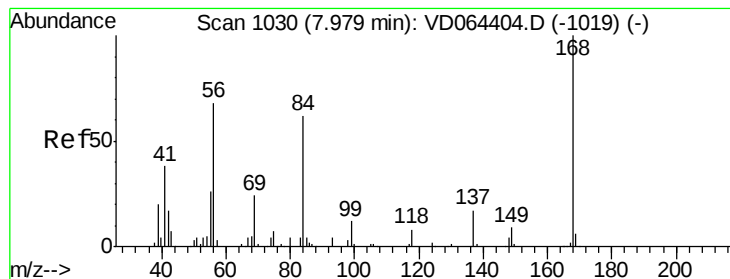
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064464.D

Acq: 06 Dec 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

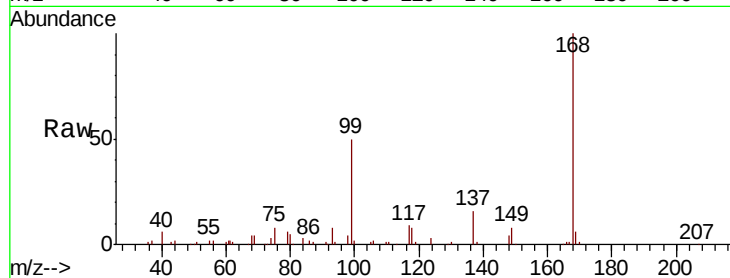
RPC-WALL-ERE

Tot Ion:168 Resp: 132693

Ion Ratio Lower Upper

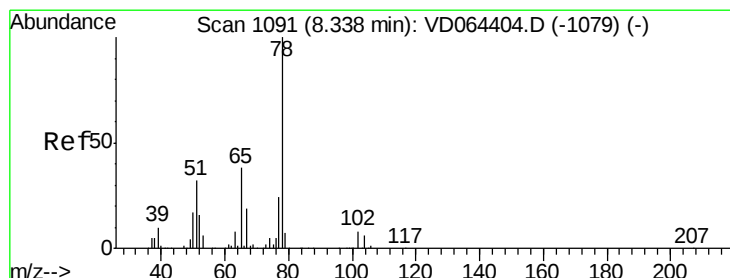
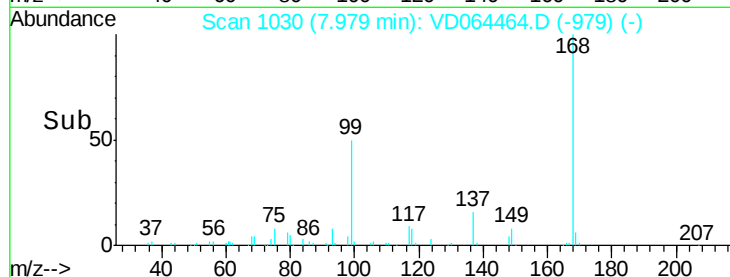
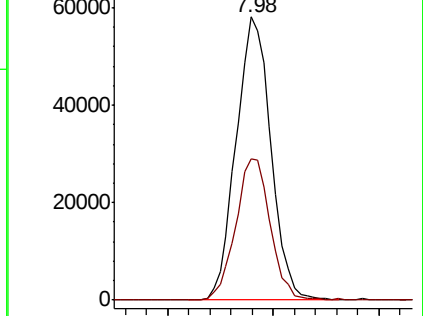
168 100

99 49.7 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: 63.488 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064464.D

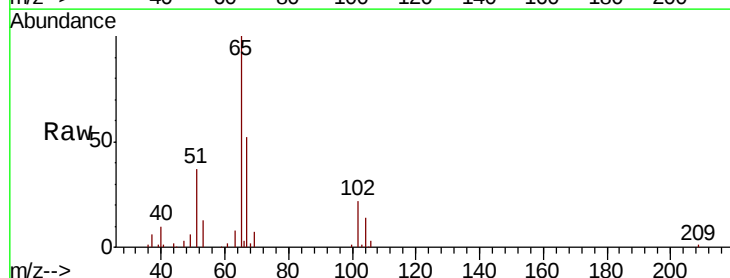
Acq: 06 Dec 2019 17:51

Tgt Ion: 65 Resp: 76253

Ion Ratio Lower Upper

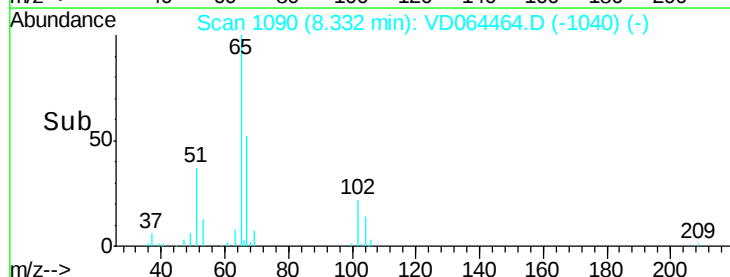
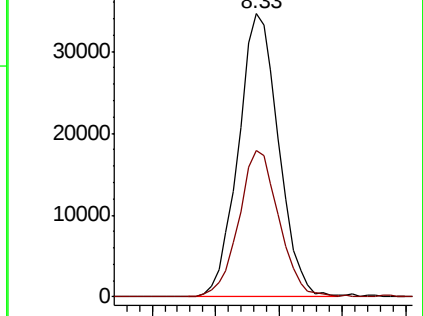
65 100

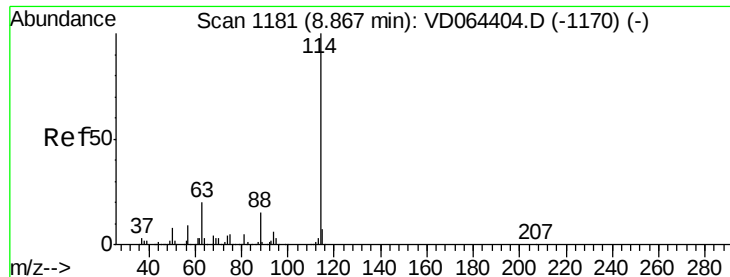
67 51.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

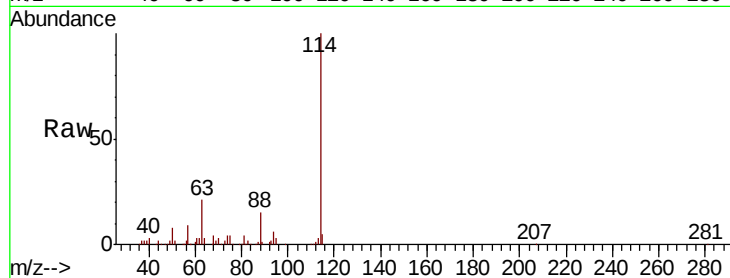




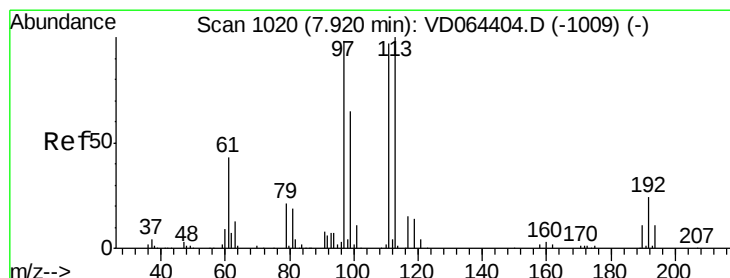
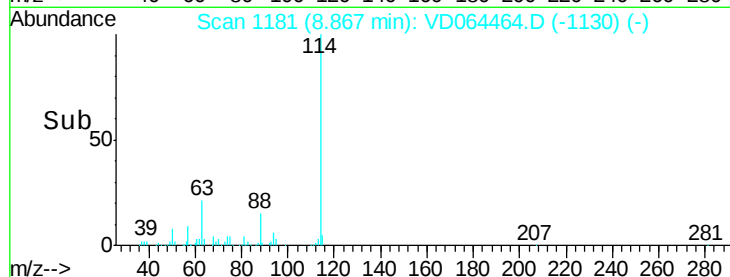
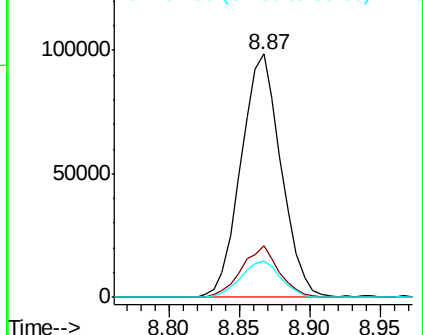
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064464.D
 Acq: 06 Dec 2019 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-WALL-ERE

Tot Ion:114 Resp: 195950
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.0
 88 14.9 0.0 29.2

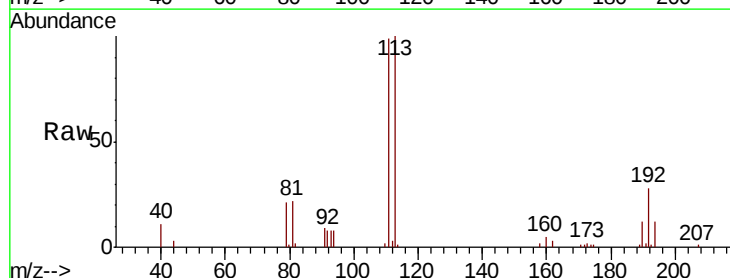


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

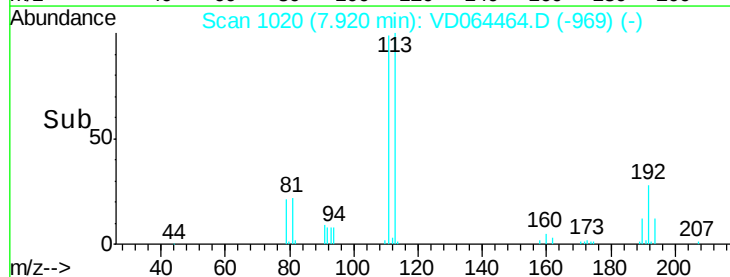
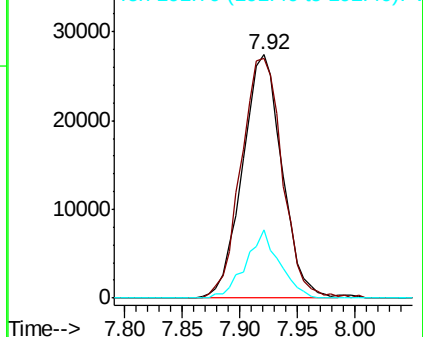


#35
 Dibromofluoromethane
 Concen: 52.973 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064464.D
 Acq: 06 Dec 2019 17:51

Tgt Ion:113 Resp: 65400
 Ion Ratio Lower Upper
 113 100
 111 102.6 79.4 119.2
 192 23.6 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: 49.490 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064464.D

Acq: 06 Dec 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

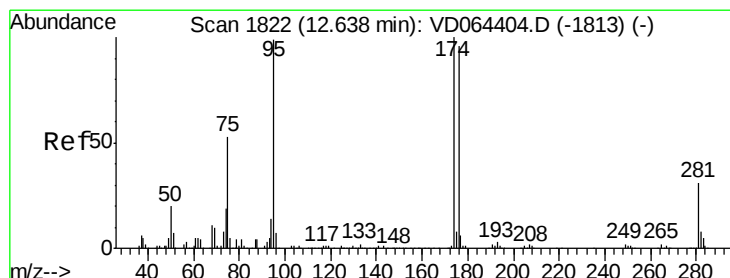
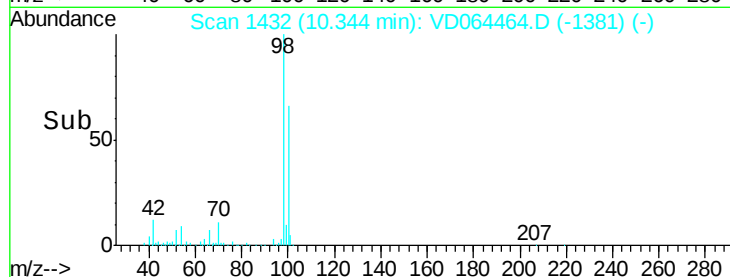
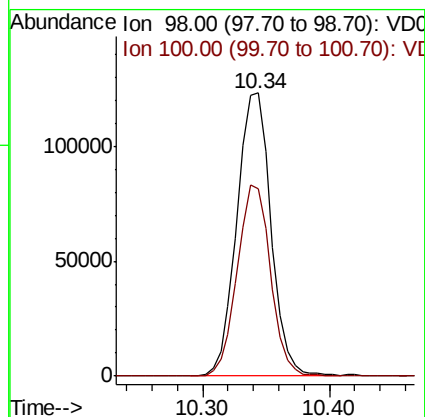
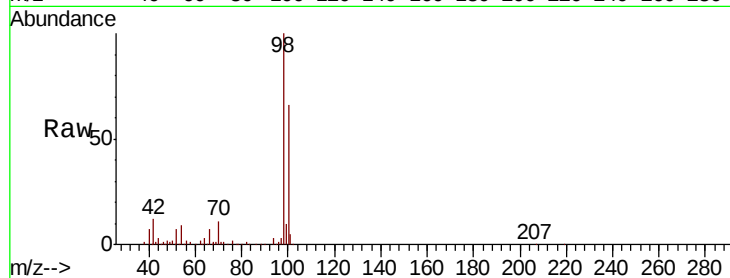
RPC-WALL-ERE

Tot Ion: 98 Resp: 230156

Ion Ratio Lower Upper

98 100

100 66.0 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 58.852 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064464.D

Acq: 06 Dec 2019 17:51

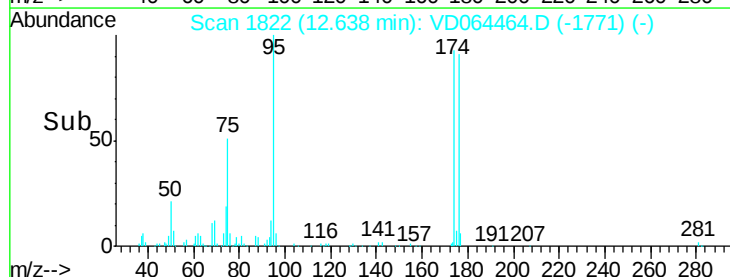
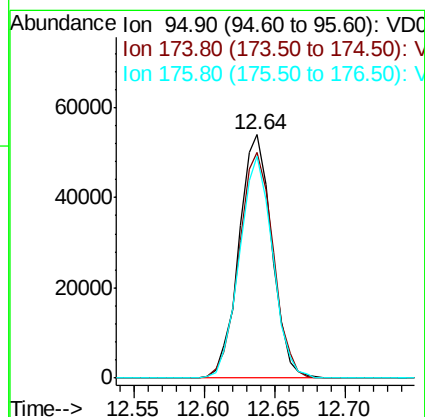
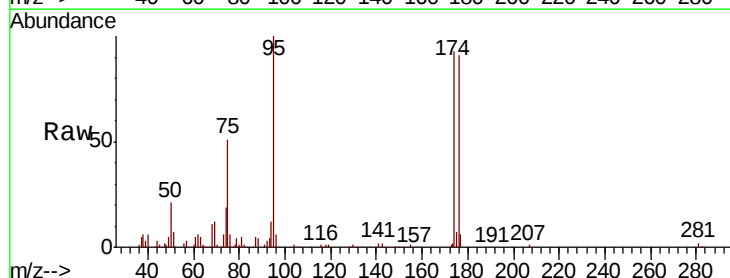
Tgt Ion: 95 Resp: 87957

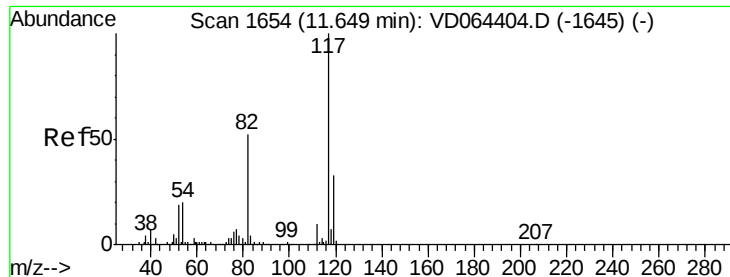
Ion Ratio Lower Upper

95 100

174 96.2 0.0 197.2

176 92.2 0.0 189.6

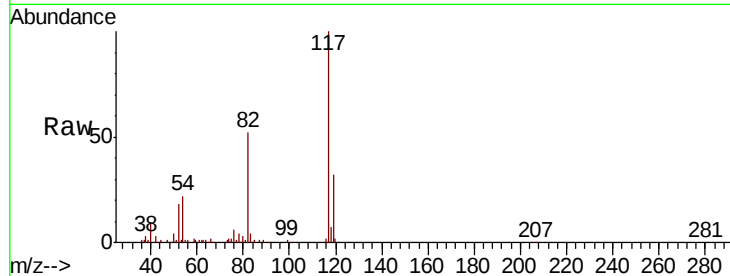




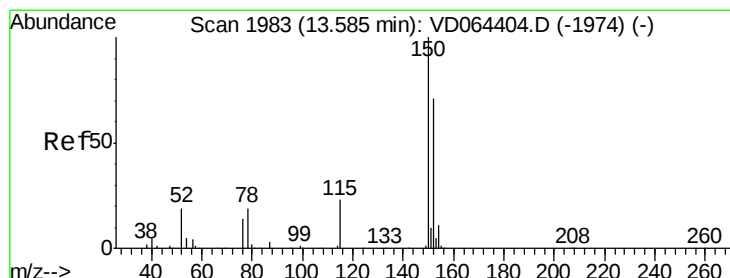
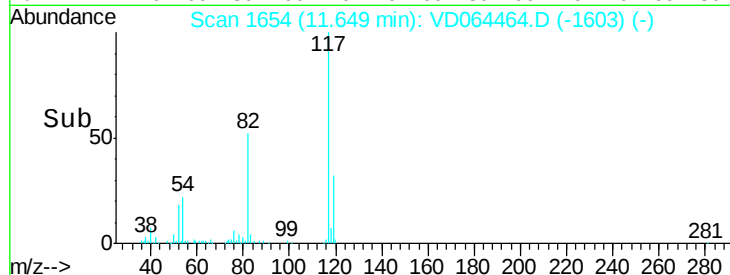
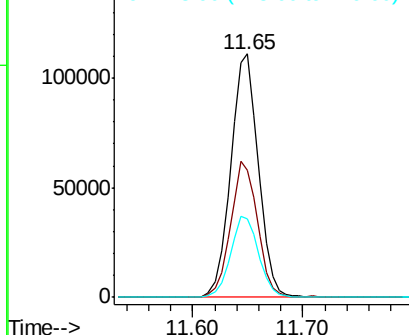
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064464.D
Acq: 06 Dec 2019 17:51

Instrument :
MSVOA_D
ClientSampleId :
RPC-WALL-ERE

Tot Ion:117 Resp: 194779
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 32.4 26.2 39.2

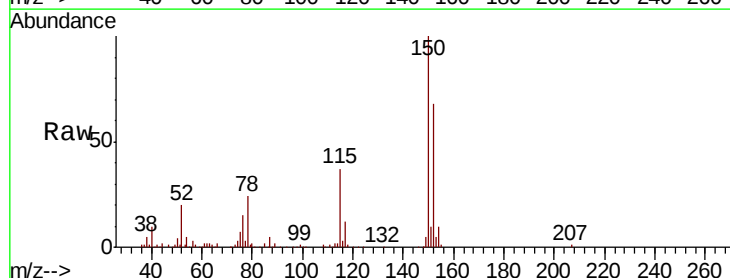


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064464.D
Acq: 06 Dec 2019 17:51

Tgt Ion:152 Resp: 104205
Ion Ratio Lower Upper
152 100
115 55.7 26.7 80.1
150 157.5 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

