

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064138.D
 Acq On : 31 Oct 2019 17:47
 Operator : VA/SY
 Sample : K5602-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190940-FIELD-DUP-COMPOSITE

Quant Time: Nov 01 08:07:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

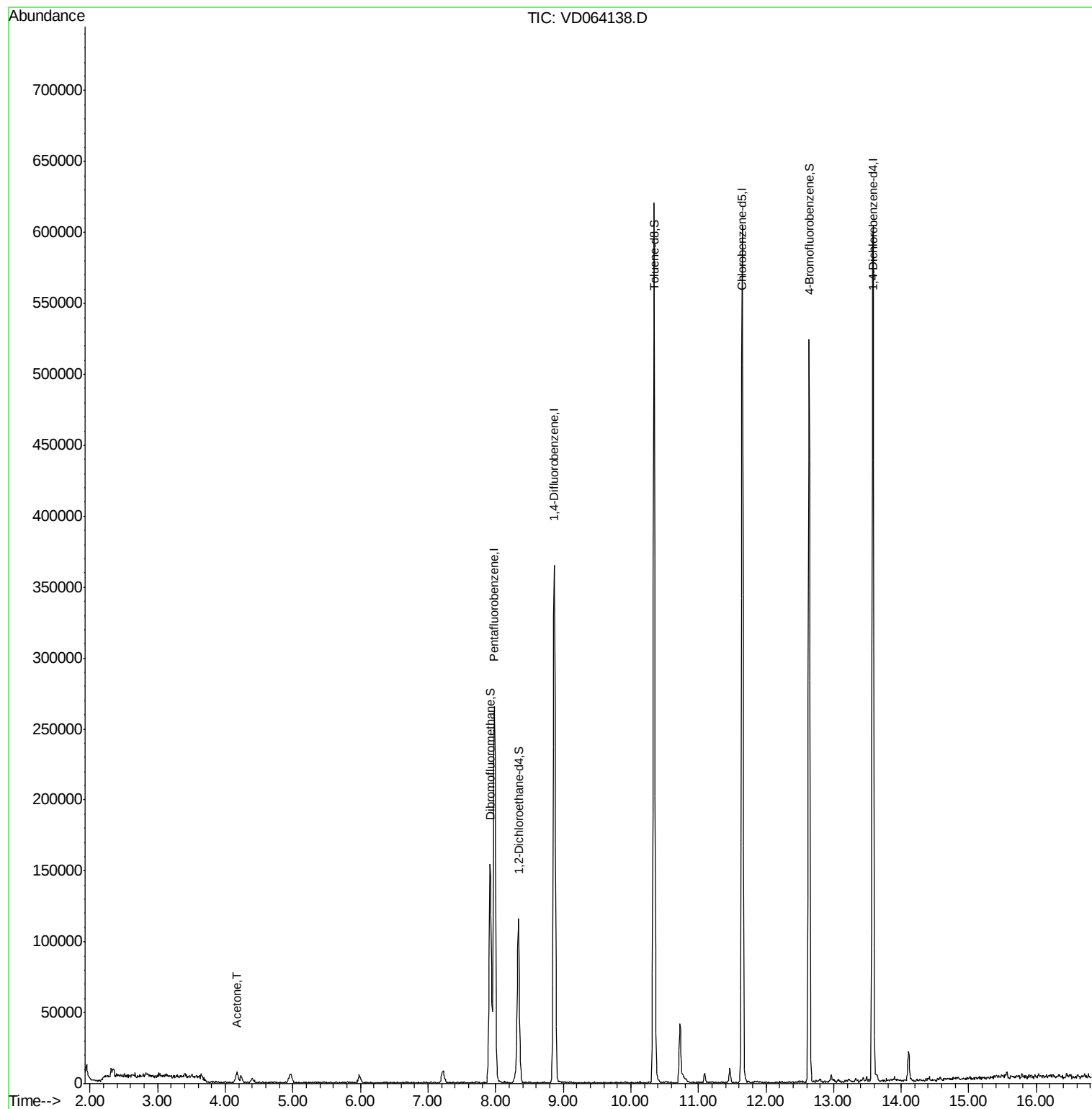
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	214273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	340978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	356898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	172761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	90809	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	7.92	113	108517	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.34	98	417975	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.64	95	142156	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
Target Compounds						
16) Acetone	4.17	43	11353	35.014	ug/l	Qvalue 100

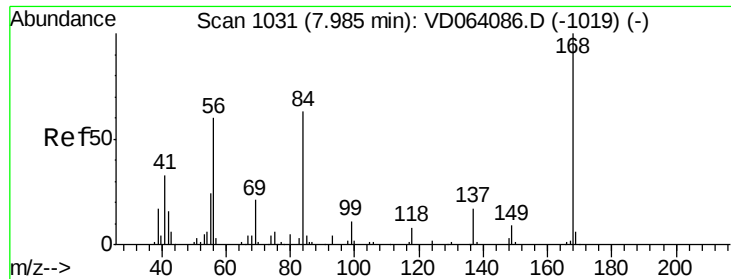
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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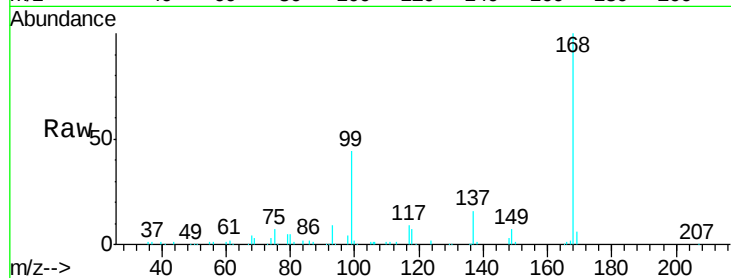
20190940-FIELD-DUP-COMPOSITE

Tgt Ion:168 Resp: 214273

Ion Ratio Lower Upper

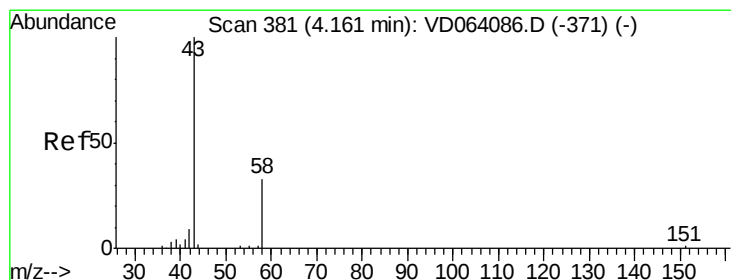
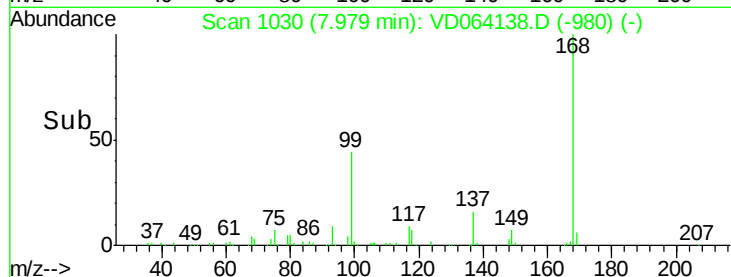
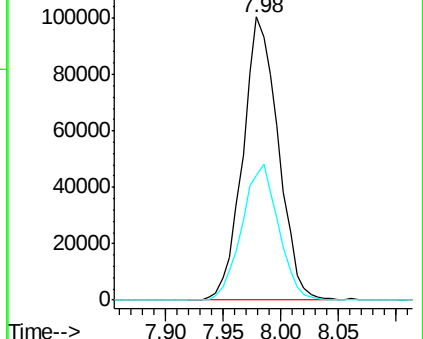
168 100

99 44.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 35.014 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064138.D

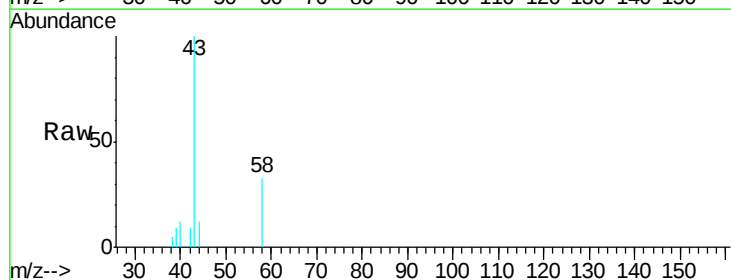
Acq: 31 Oct 2019 17:47

Tgt Ion: 43 Resp: 11353

Ion Ratio Lower Upper

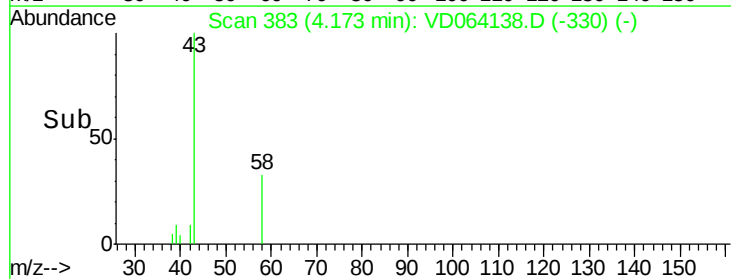
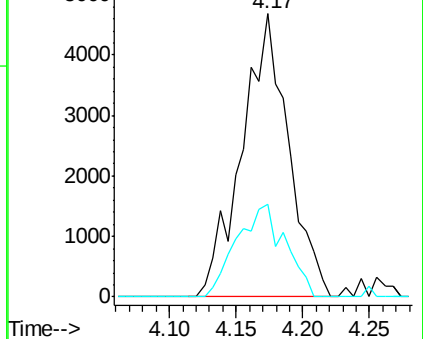
43 100

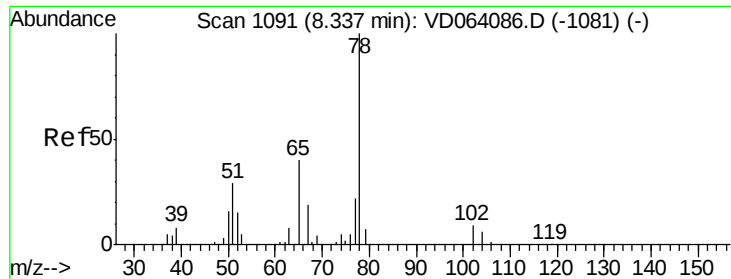
58 32.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.288 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064138.D

Acq: 31 Oct 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

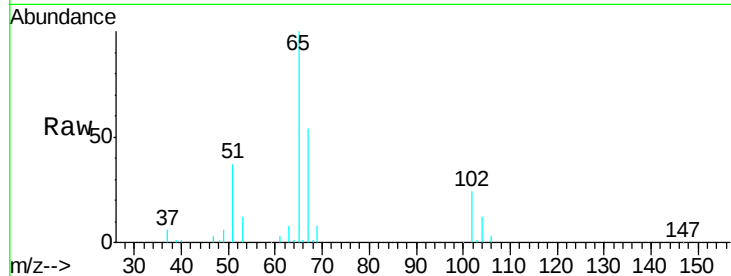
20190940-FIELD-DUP-COMPOSITE

Tgt Ion: 65 Resp: 90809

Ion Ratio Lower Upper

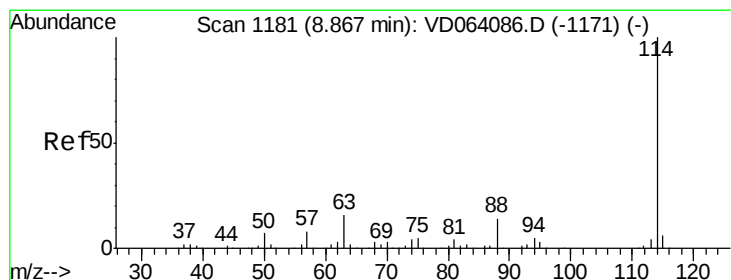
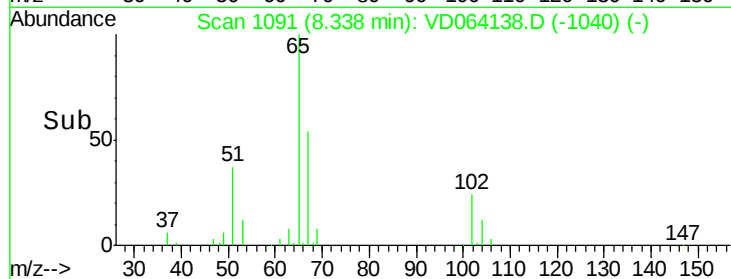
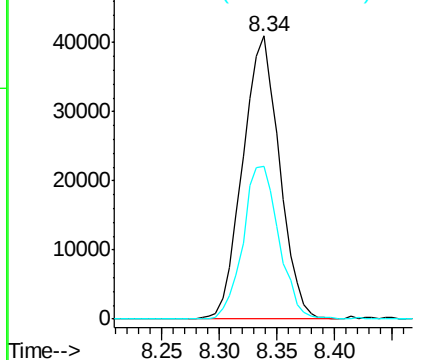
65 100

67 52.8 0.0 104.6



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: VD064138.D

Acq: 31 Oct 2019 17:47

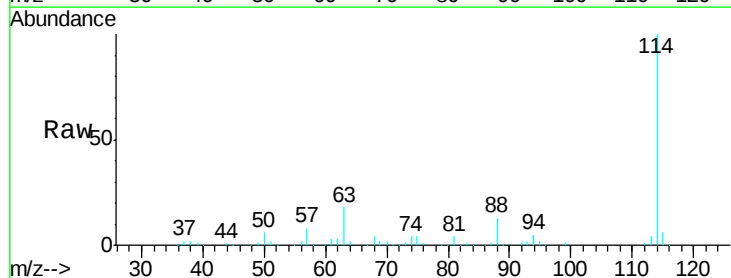
Tgt Ion: 114 Resp: 340978

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.8

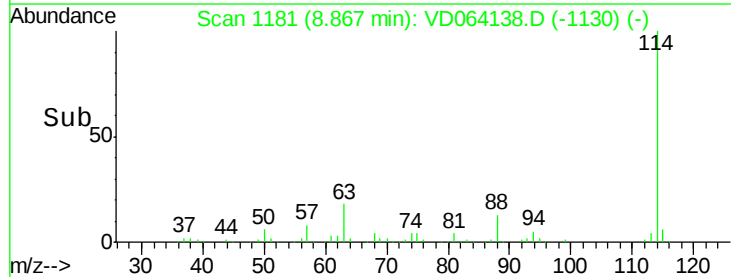
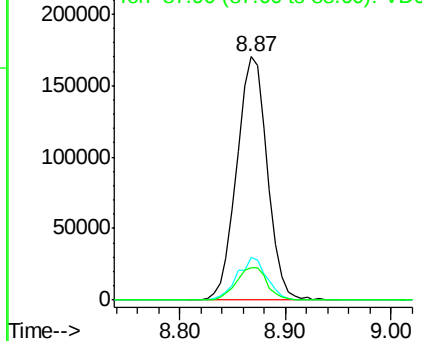
88 13.3 0.0 27.6

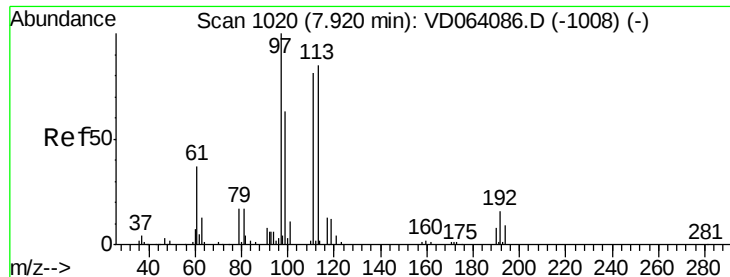


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

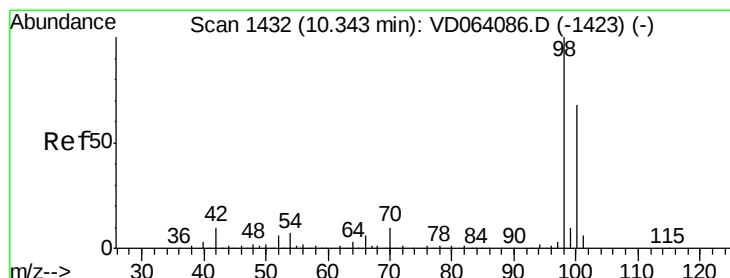
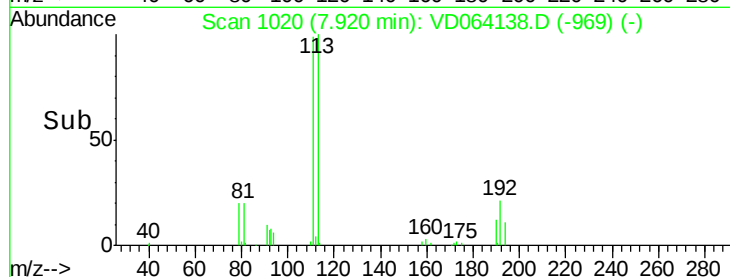
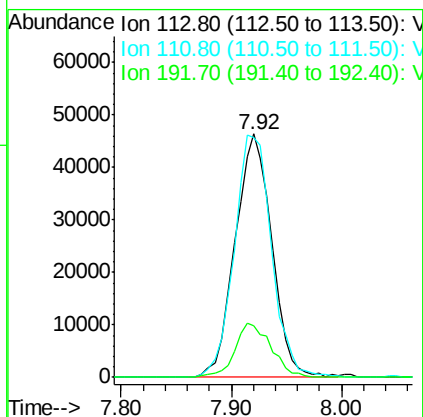
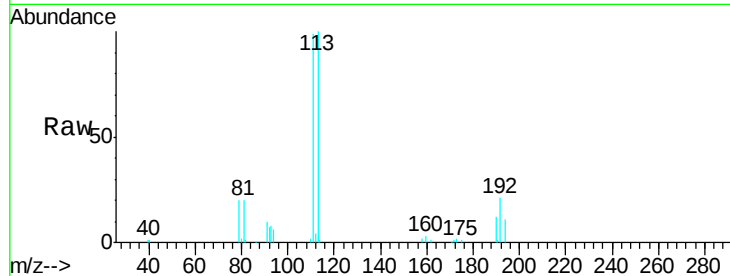




#35
Dibromofluoromethane
Concen: 51.729 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064138.D
Acq: 31 Oct 2019 17:47

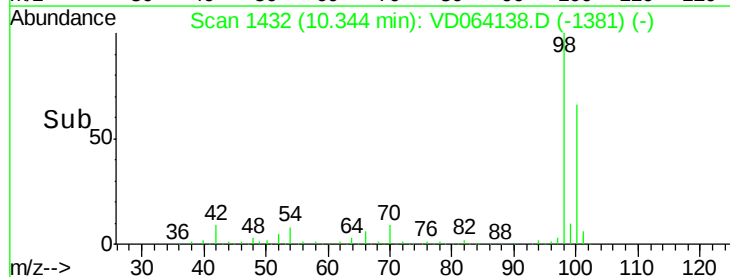
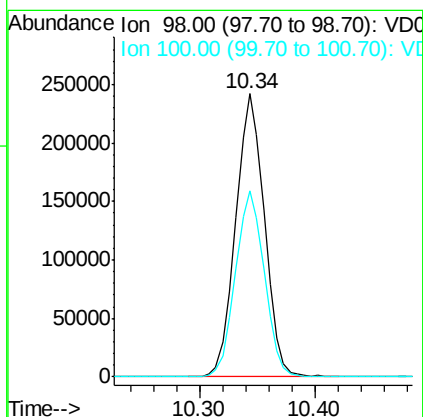
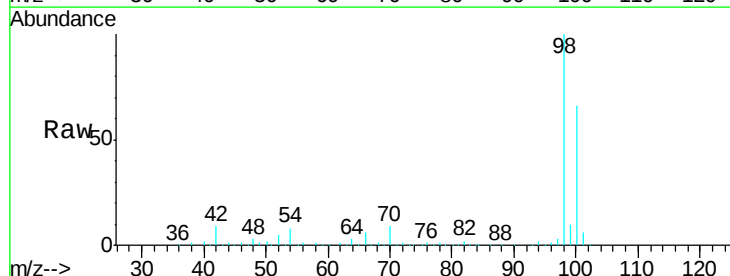
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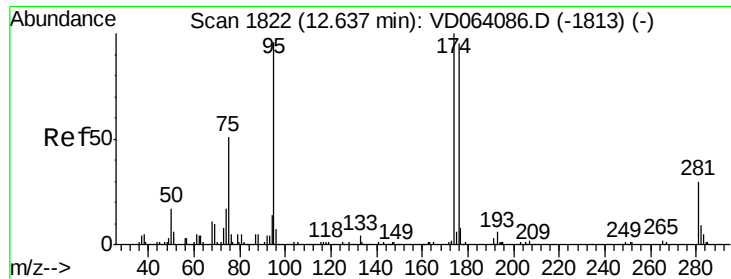
Tgt Ion: 113 Resp: 108517
Ion Ratio Lower Upper
113 100
111 101.7 79.3 118.9
192 21.9 16.2 24.2



#50
Toluene-d8
Concen: 49.822 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064138.D
Acq: 31 Oct 2019 17:47

Tgt Ion: 98 Resp: 417975
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0

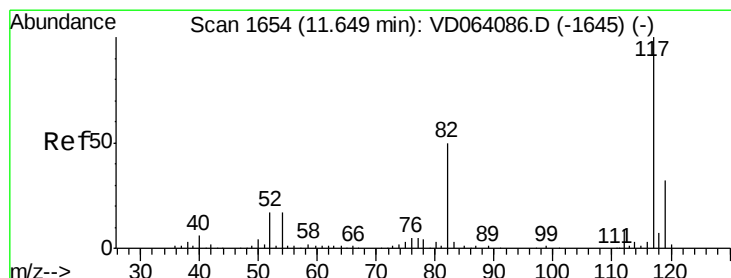
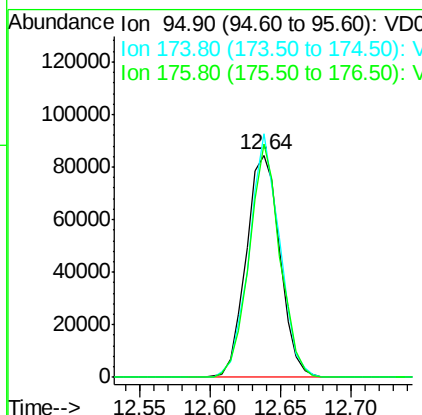
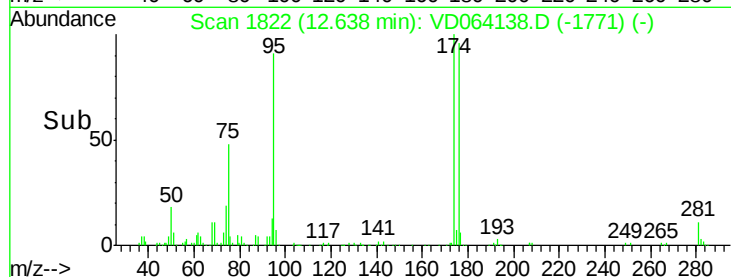
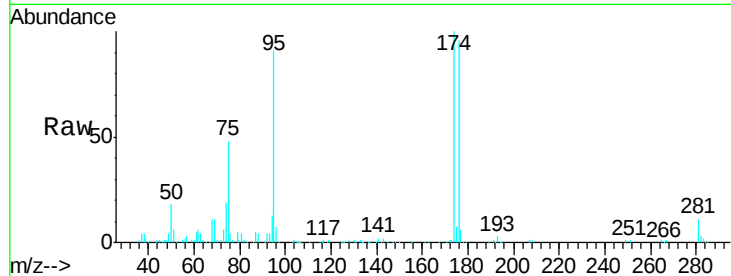




#62
4-Bromofluorobenzene
Concen: 51.110 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064138.D
Acq: 31 Oct 2019 17:47

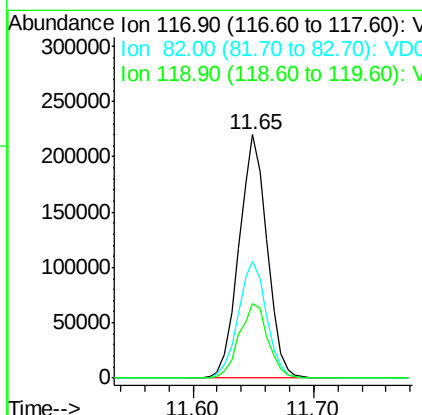
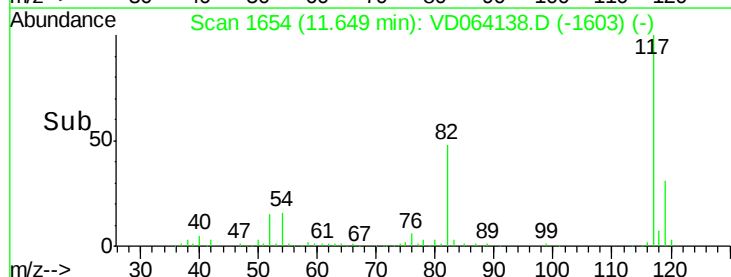
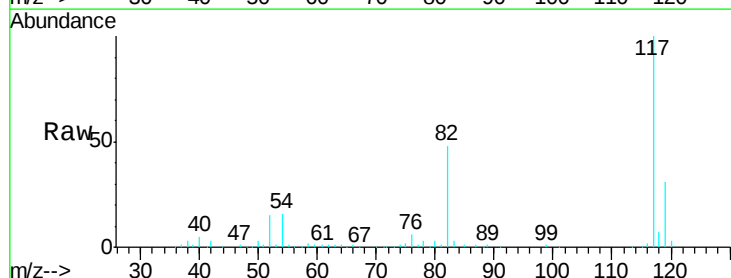
Instrument :
MSVOA_D
ClientSampleId :
20190940-FIELD-DUP-COMPOSITE

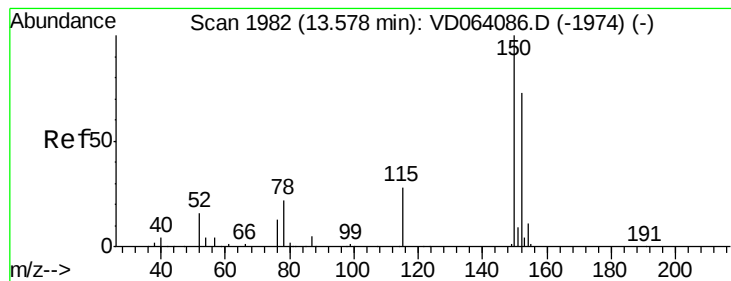
Tgt Ion: 95 Resp: 142156
Ion Ratio Lower Upper
95 100
174 99.4 0.0 201.6
176 95.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064138.D
Acq: 31 Oct 2019 17:47

Tgt Ion: 117 Resp: 356898
Ion Ratio Lower Upper
117 100
82 48.0 40.2 60.4
119 30.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064138.D

Acq: 31 Oct 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

20190940-FIELD-DUP-COMPOSITE

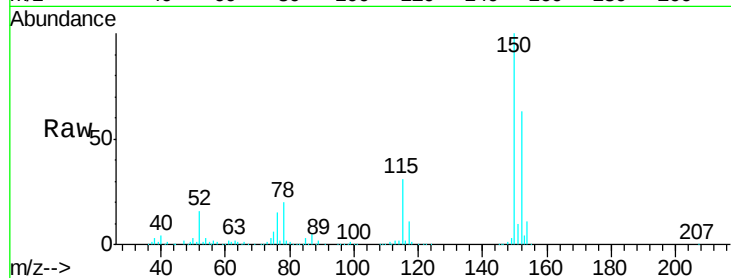
Tgt Ion:152 Resp: 172761

Ion Ratio Lower Upper

152 100

115 52.2 26.2 78.6

150 155.0 0.0 338.8



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

