

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064118.D
 Acq On : 30 Oct 2019 17:57
 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: Oct 31 04:34:01 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

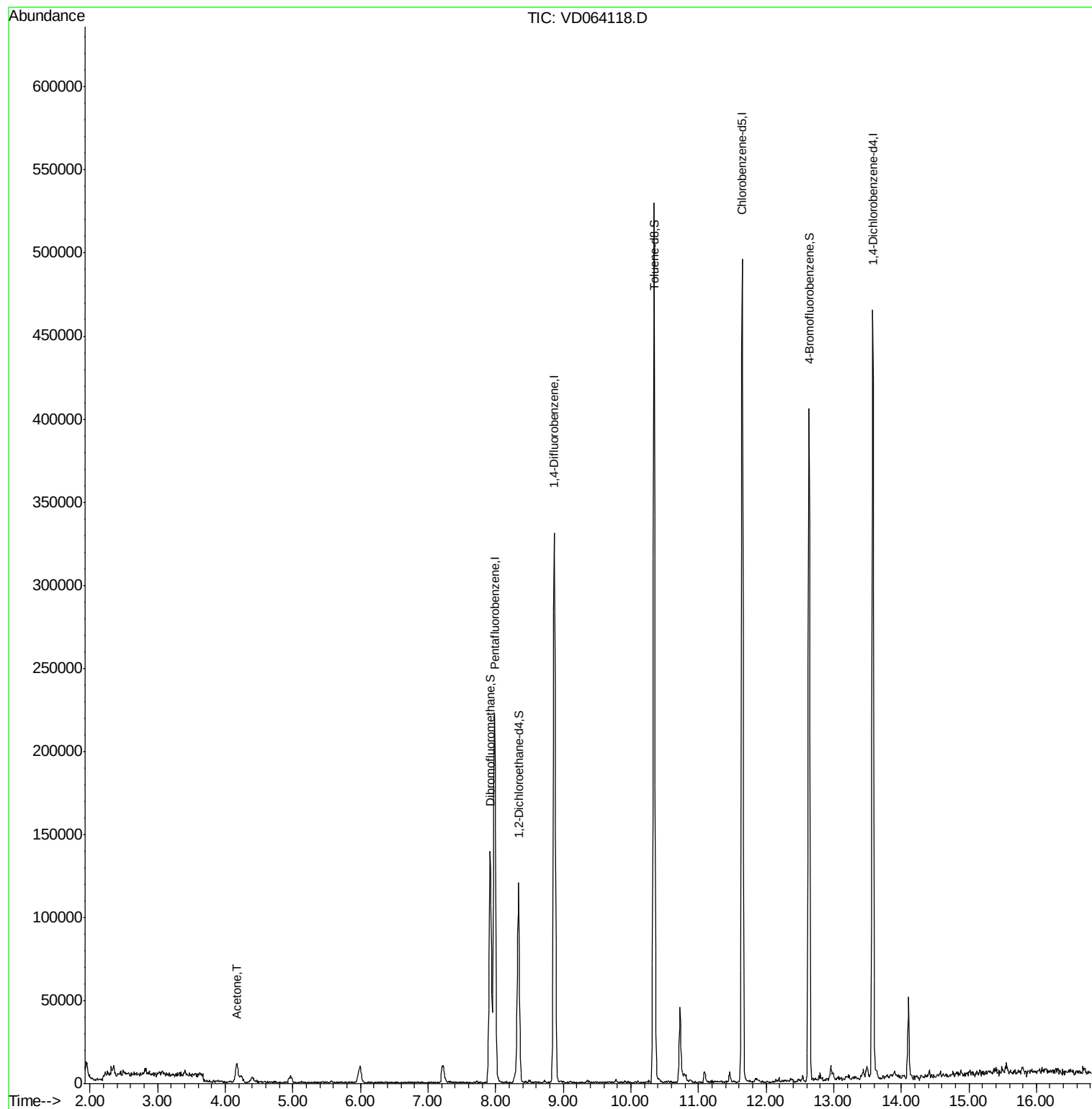
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	176472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	307080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	298007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	88571	63.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.22%	
35) Dibromofluoromethane	7.91	113	99068	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	10.34	98	371618	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.64	95	112567	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
Target Compounds						
16) Acetone	4.17	43	20159	75.490	ug/l	Qvalue 95

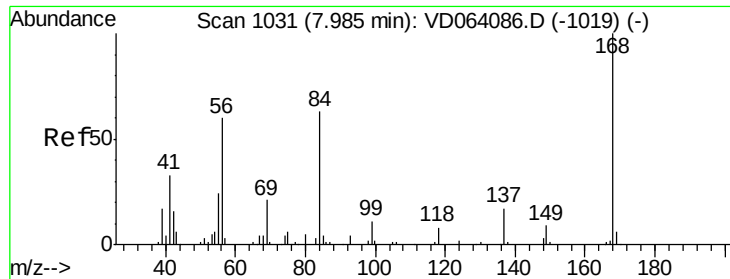
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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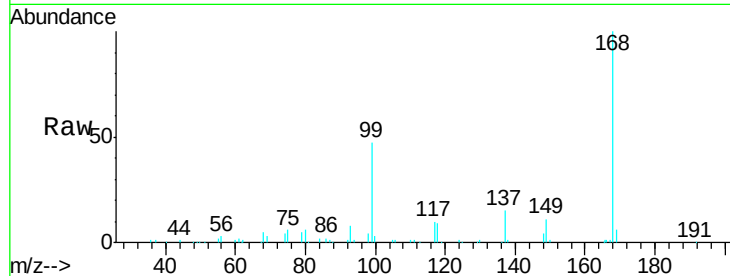
20190940-FIELD-DUP-COMPOSITE

Tgt Ion:168 Resp: 176472

Ion Ratio Lower Upper

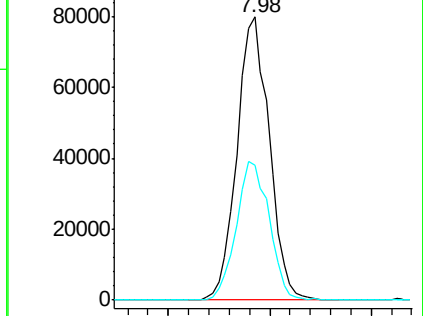
168 100

99 47.5 37.6 56.4

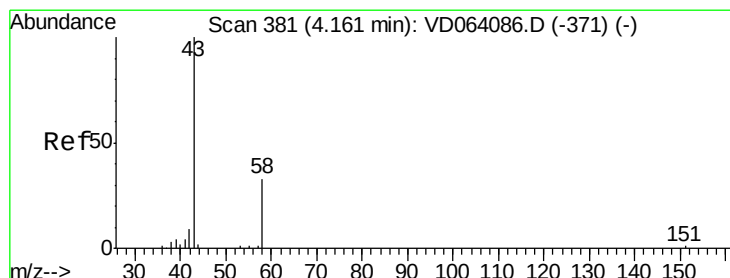
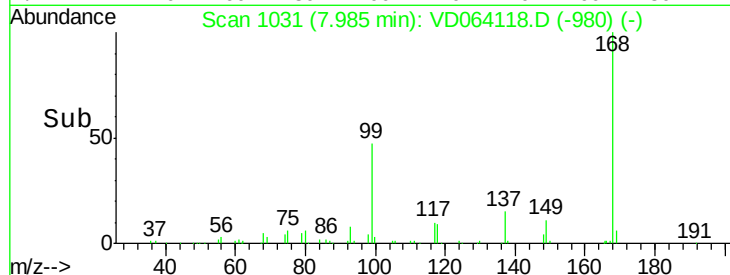


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#16

Acetone

Concen: 75.490 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064118.D

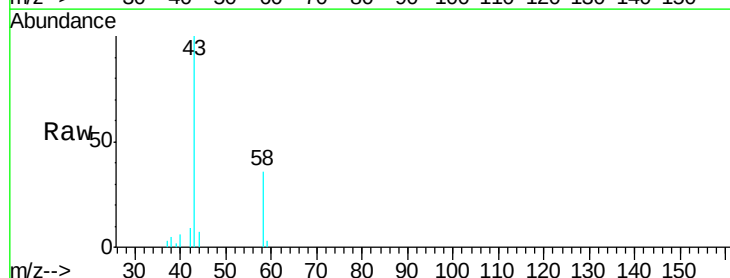
Acq: 30 Oct 2019 17:57

Tgt Ion: 43 Resp: 20159

Ion Ratio Lower Upper

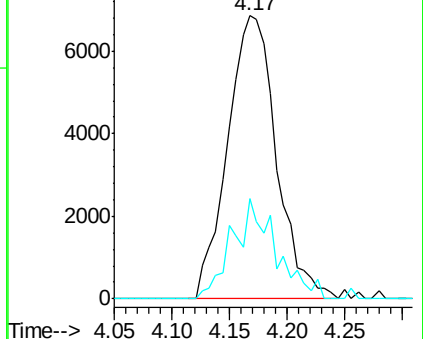
43 100

58 35.7 26.3 39.5

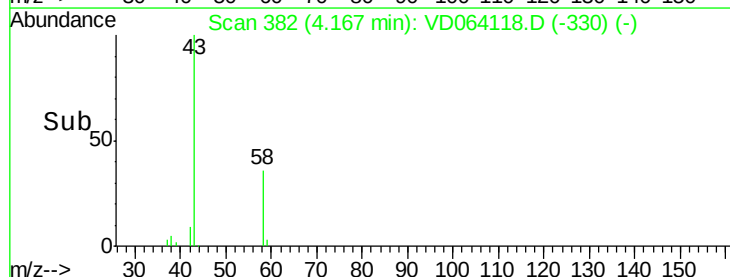


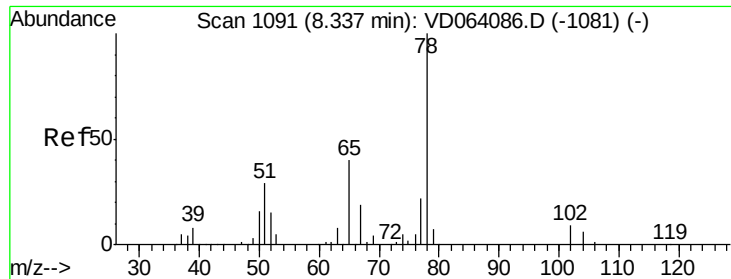
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 63.107 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064118.D

Acq: 30 Oct 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

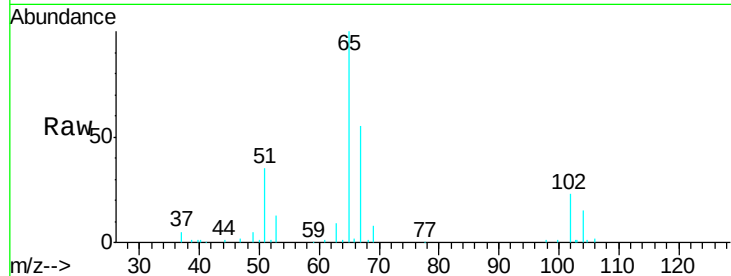
20190940-FIELD-DUP-COMPOSITE

Tgt Ion: 65 Resp: 88571

Ion Ratio Lower Upper

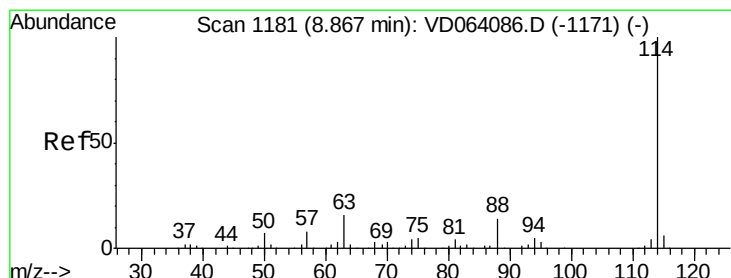
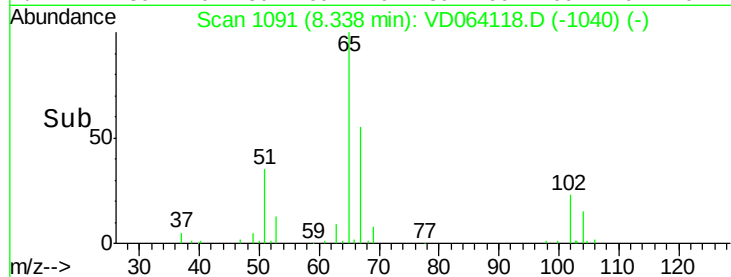
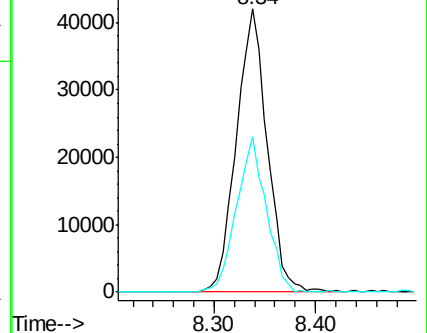
65 100

67 53.0 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: VD064118.D

Acq: 30 Oct 2019 17:57

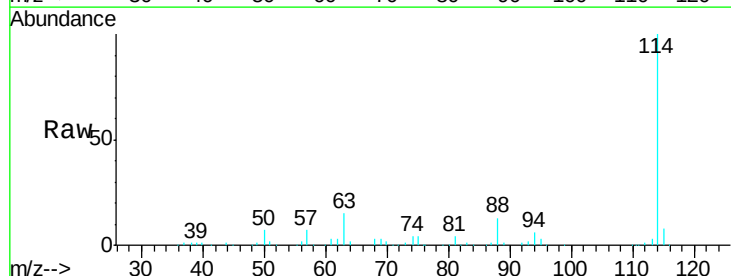
Tgt Ion: 114 Resp: 307080

Ion Ratio Lower Upper

114 100

63 14.8 0.0 32.8

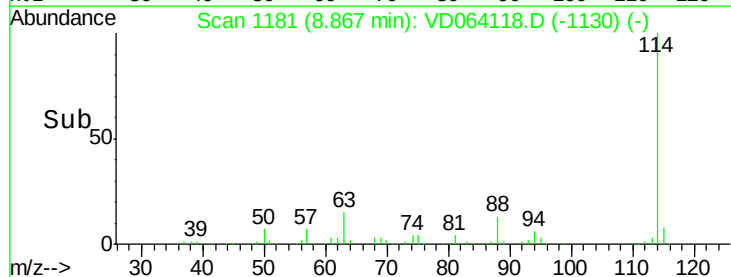
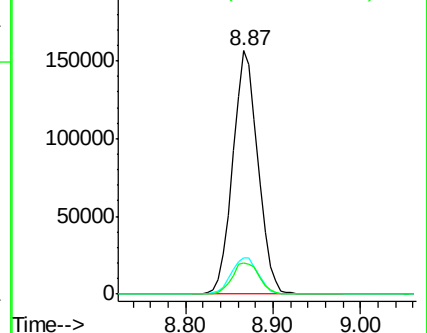
88 12.5 0.0 27.6

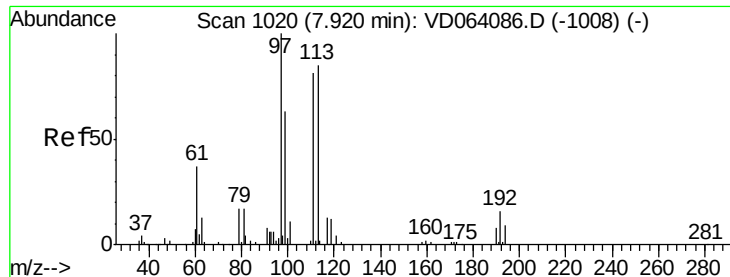


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

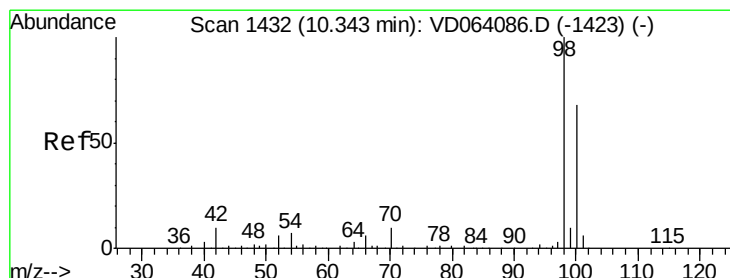
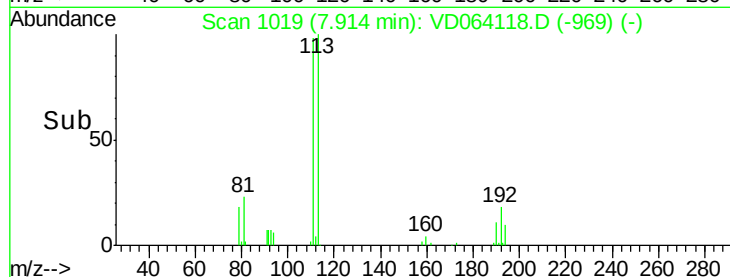
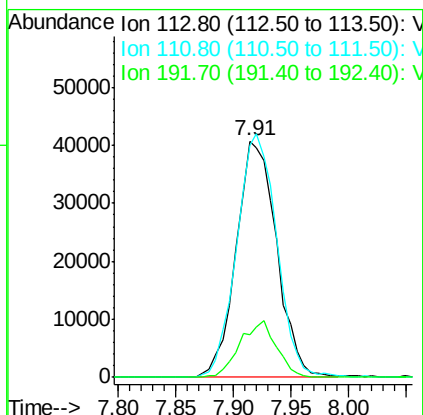
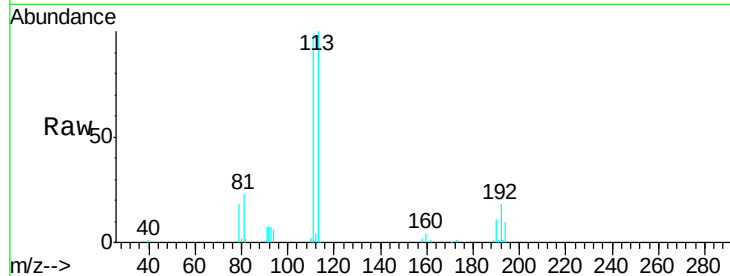




#35
 Dibromofluoromethane
 Concen: 52.438 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064118.D
 Acq: 30 Oct 2019 17:57

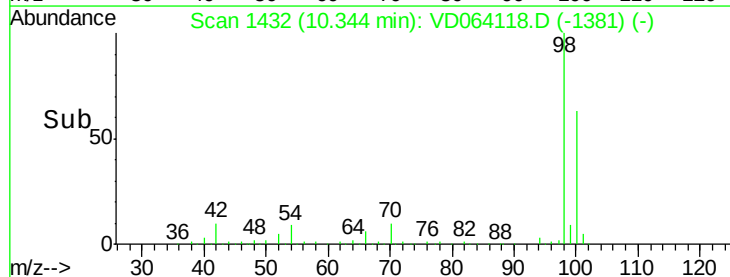
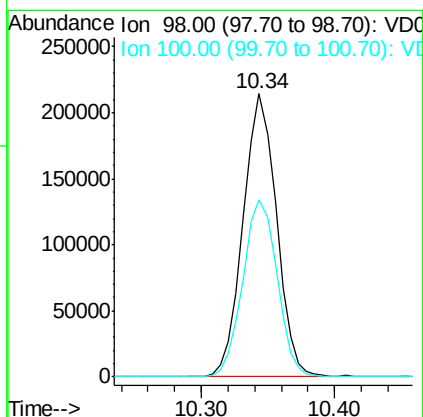
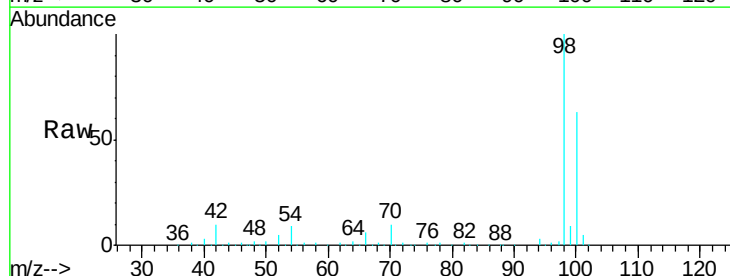
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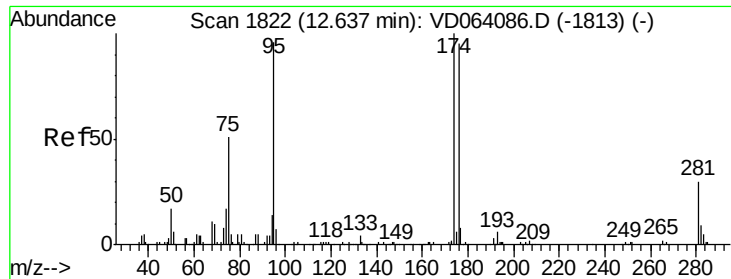
Tgt Ion: 113 Resp: 99068
 Ion Ratio Lower Upper
 113 100
 111 102.6 79.3 118.9
 192 21.6 16.2 24.2



#50
 Toluene-d8
 Concen: 49.186 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064118.D
 Acq: 30 Oct 2019 17:57

Tgt Ion: 98 Resp: 371618
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.4 80.0

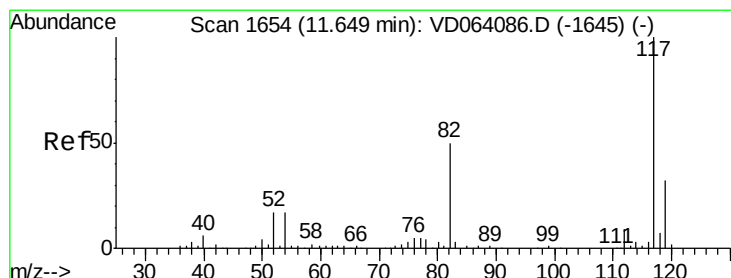
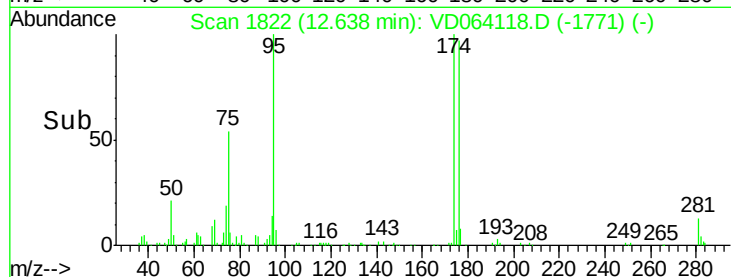
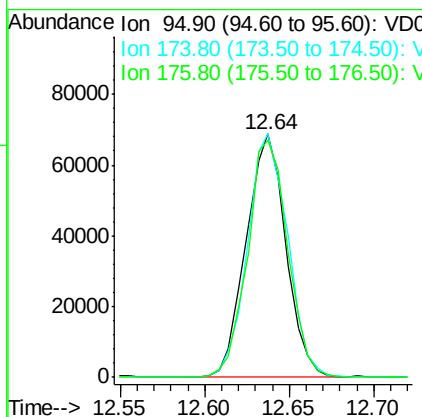
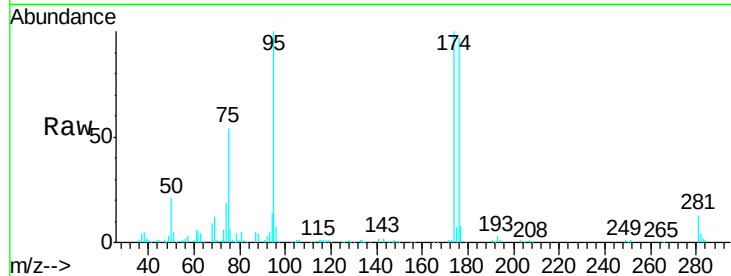




#62
4-Bromofluorobenzene
Concen: 44.940 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064118.D
Acq: 30 Oct 2019 17:57

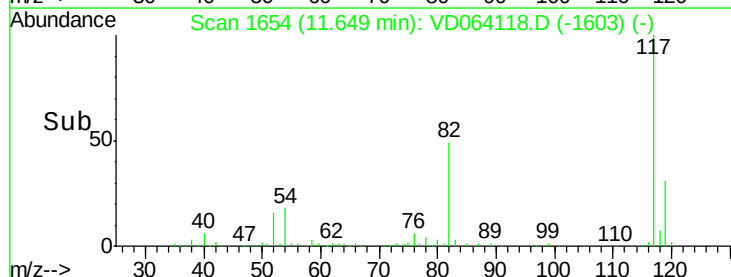
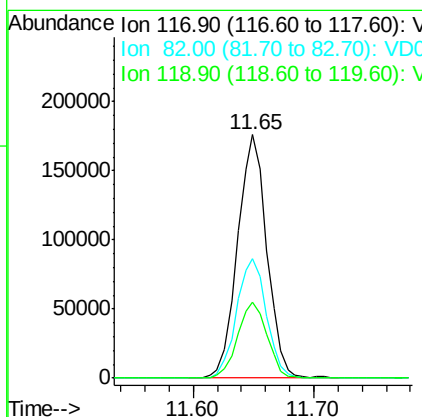
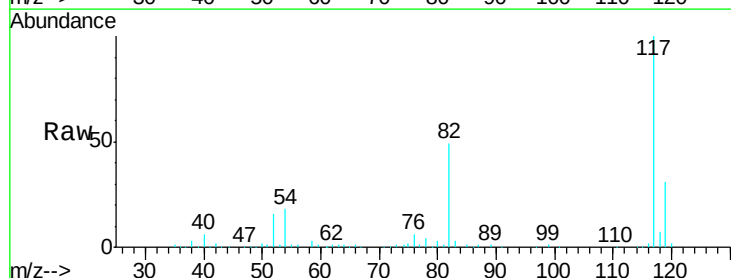
Instrument :
MSVOA_D
ClientSampleId :
20190940-FIELD-DUP-COMPOSITE

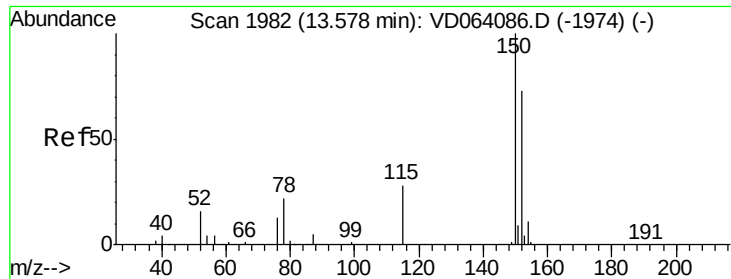
Tgt Ion: 95 Resp: 112567
Ion Ratio Lower Upper
95 100
174 101.2 0.0 201.6
176 98.8 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064118.D
Acq: 30 Oct 2019 17:57

Tgt Ion: 117 Resp: 298007
Ion Ratio Lower Upper
117 100
82 49.2 40.2 60.4
119 31.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064118.D

Acq: 30 Oct 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

20190940-FIELD-DUP-COMPOSITE

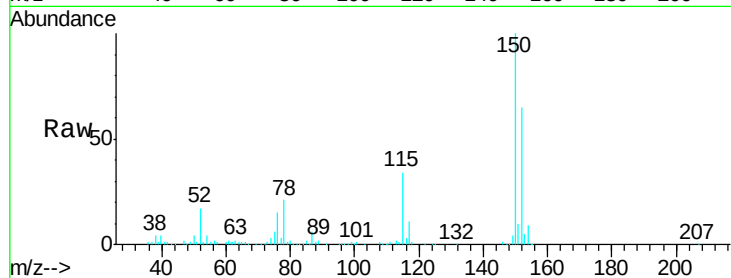
Tgt Ion:152 Resp: 128016

Ion Ratio Lower Upper

152 100

115 53.6 26.2 78.6

150 150.9 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

