

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063947.D
 Acq On : 11 Oct 2019 19:58
 Operator : VA/SY
 Sample : K5316-03
 Misc : 7.44G/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Oct 12 03:22:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

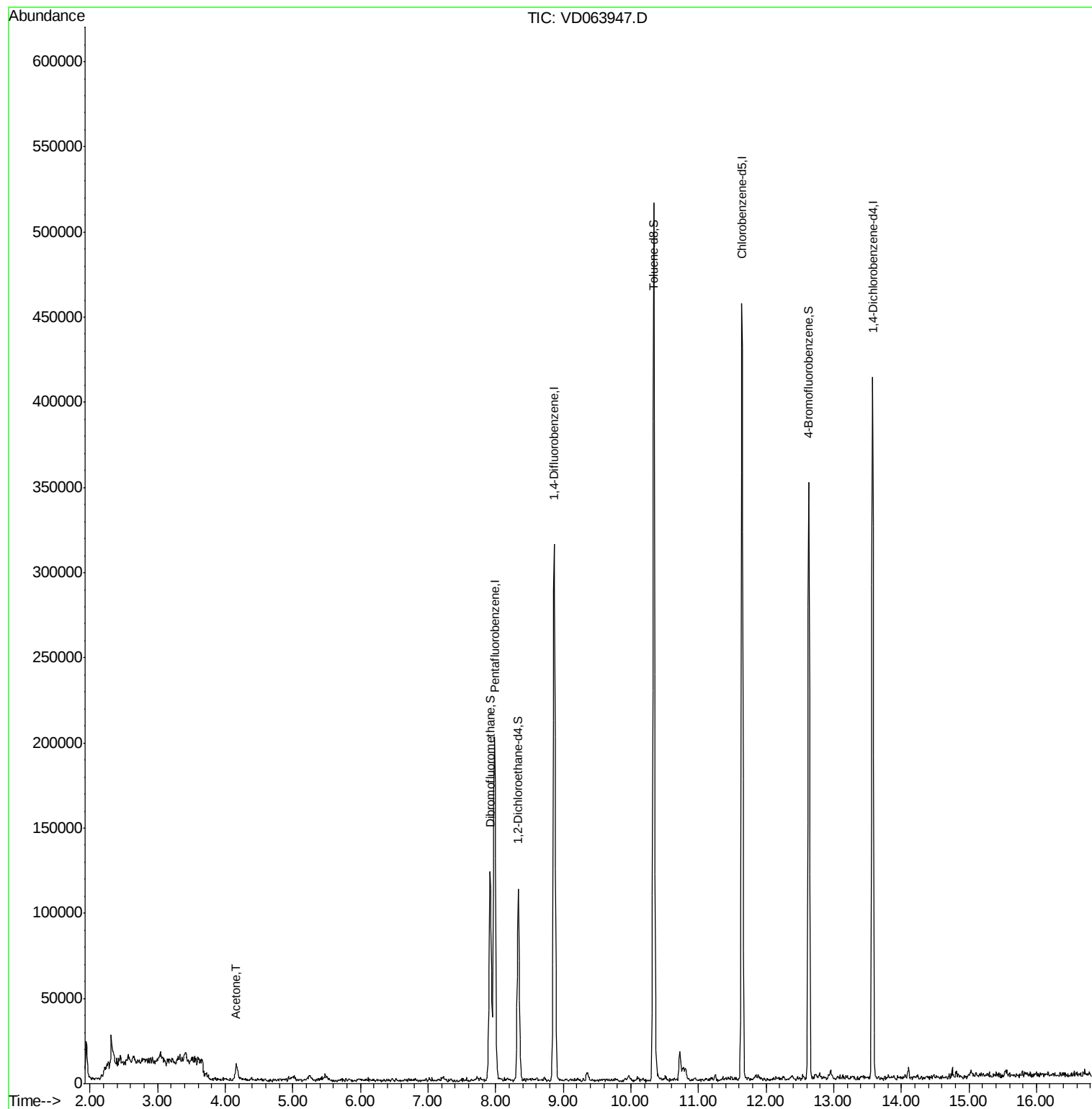
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	153982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	267231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	253739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	110677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	84864	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
35) Dibromofluoromethane	7.92	113	84167	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.34	98	349313	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.64	95	100253	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
Target Compounds						
16) Acetone	4.17	43	15388	39.426	ug/l #	Qvalue 82

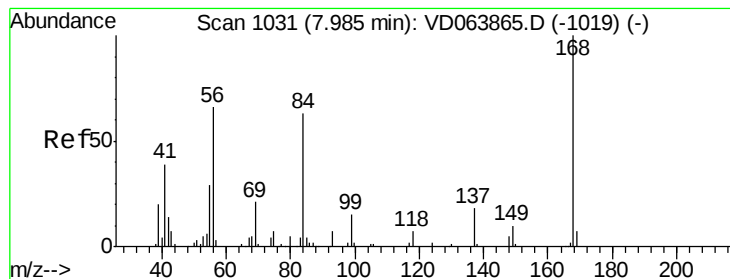
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

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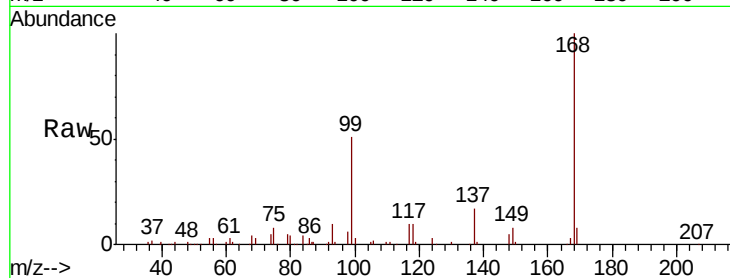
TP-9

Tot Ion:168 Resp: 153982

Ion Ratio Lower Upper

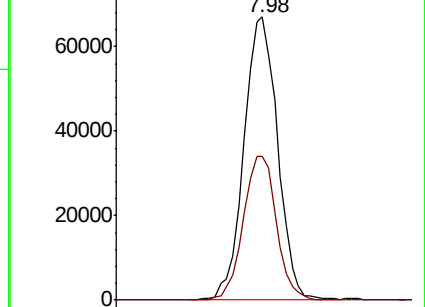
168 100

99 50.9 43.0 64.4

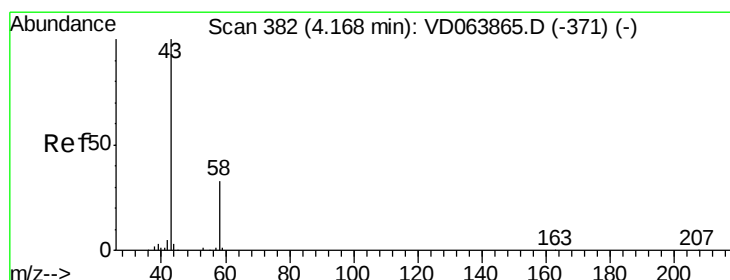
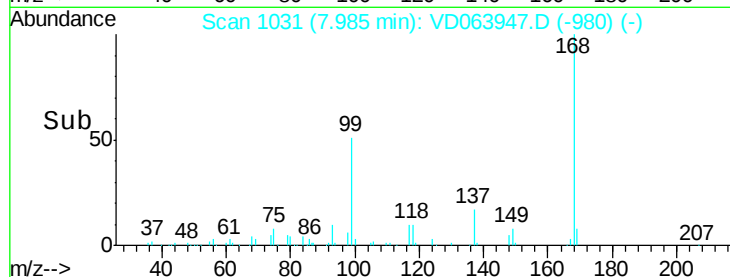


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#16

Acetone

Concen: 39.426 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD063947.D

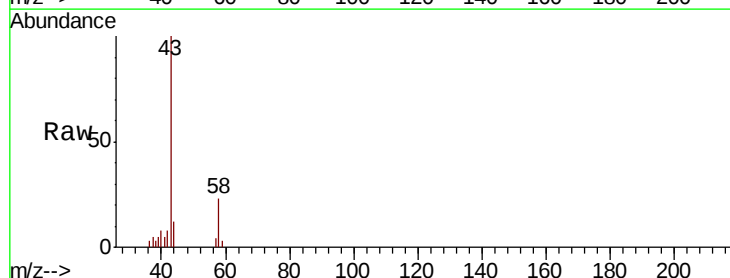
Acq: 11 Oct 2019 19:58

Tgt Ion: 43 Resp: 15388

Ion Ratio Lower Upper

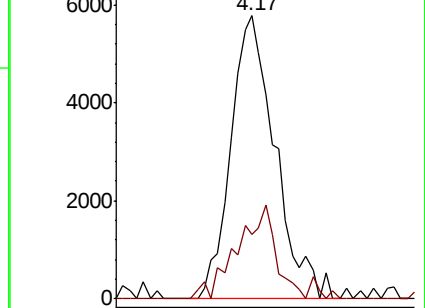
43 100

58 22.7 26.2 39.4#

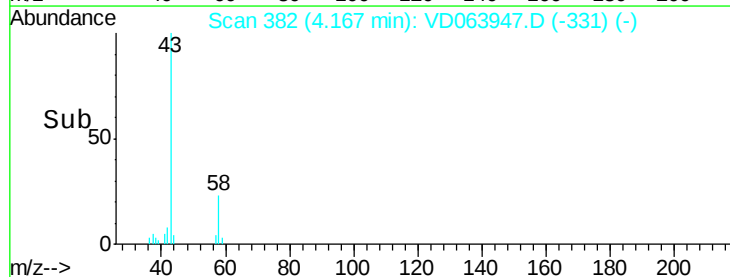


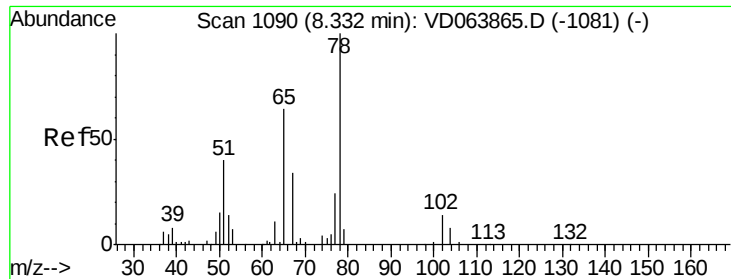
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.609 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063947.D

Acq: 11 Oct 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

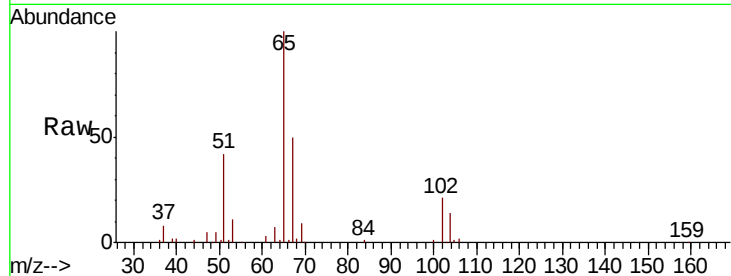
TP-9

Tot Ion: 65 Resp: 84864

Ion Ratio Lower Upper

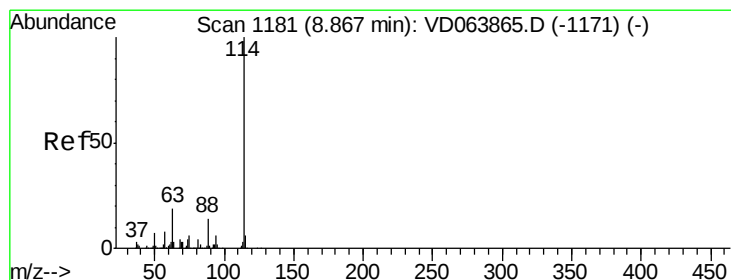
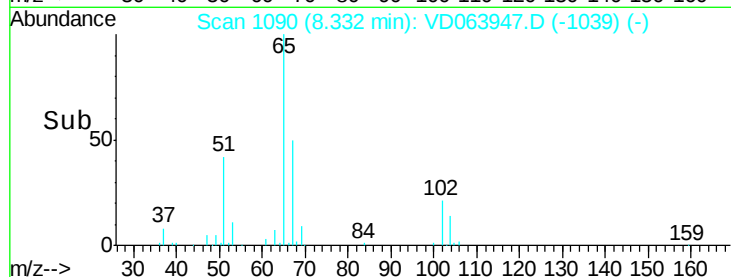
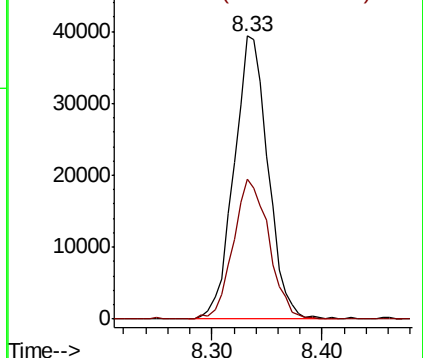
65 100

67 52.1 0.0 106.4



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: VD063947.D

Acq: 11 Oct 2019 19:58

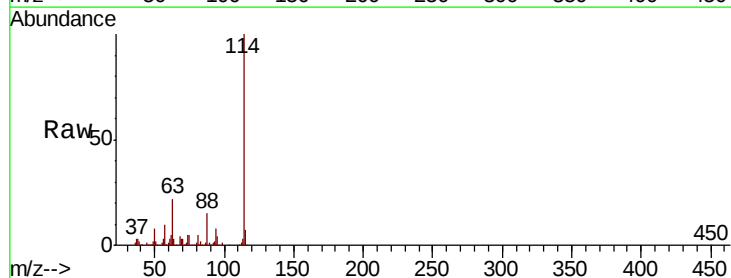
Tgt Ion: 114 Resp: 267231

Ion Ratio Lower Upper

114 100

63 21.8 0.0 38.4

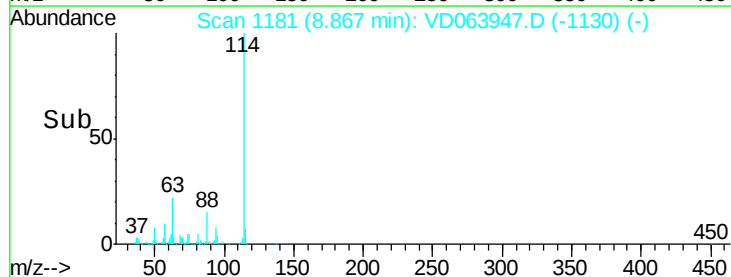
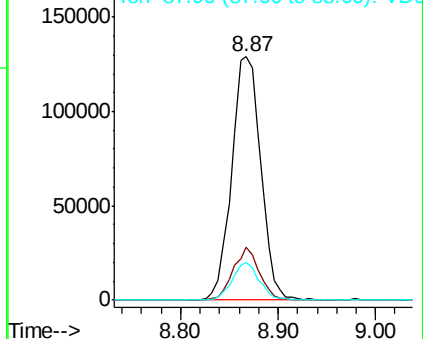
88 15.2 0.0 27.4

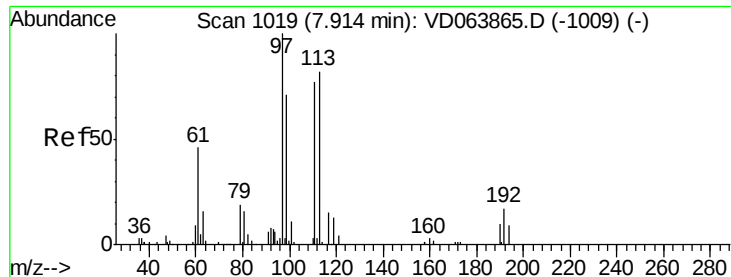


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

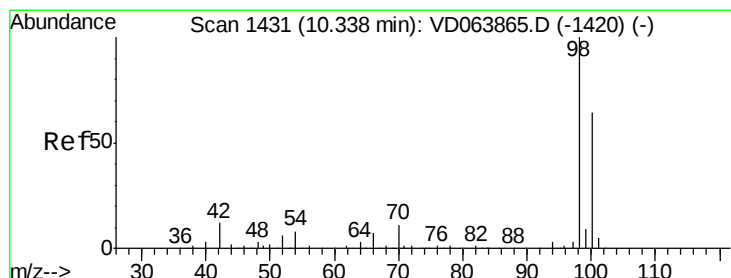
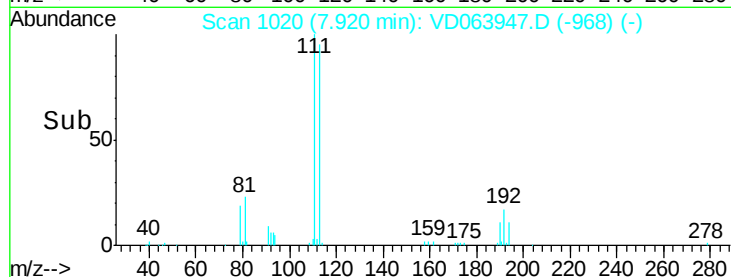
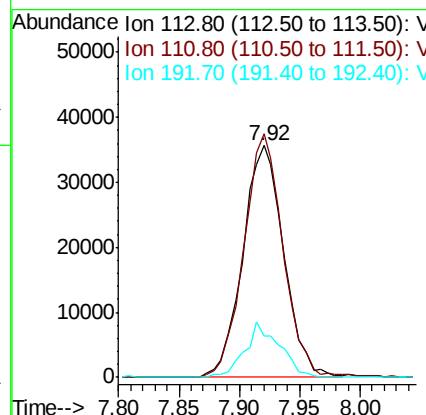
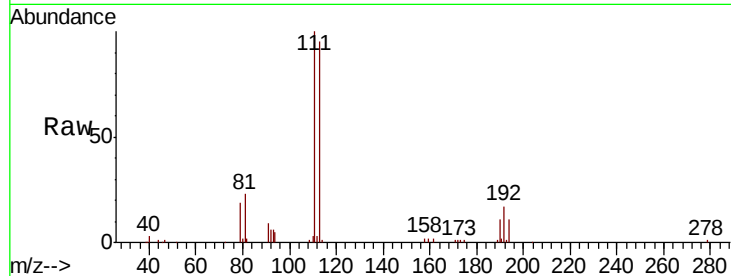




#35
Dibromofluoromethane
Concen: 51.537 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063947.D
Acq: 11 Oct 2019 19:58

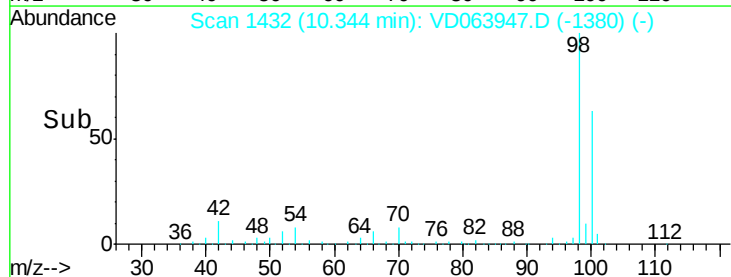
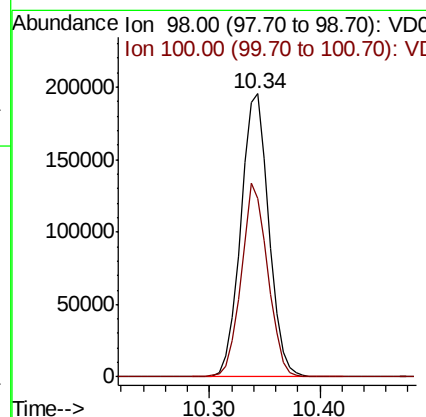
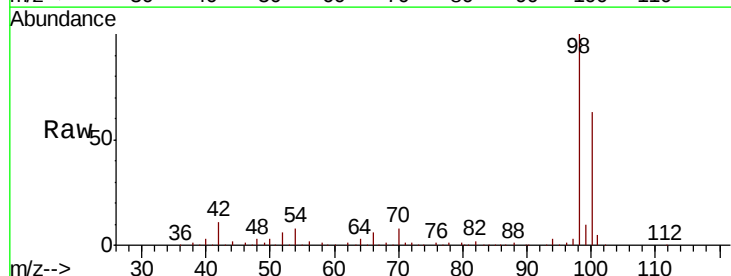
Instrument :
MSVOA_D
ClientSampleId :
TP-9

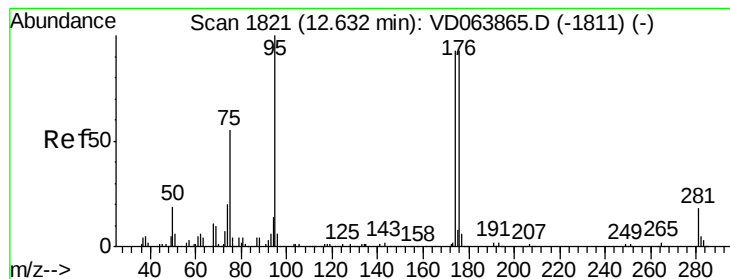
Tot Ion:113 Resp: 84167
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 20.1 17.1 25.7



#50
Toluene-d8
Concen: 52.698 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063947.D
Acq: 11 Oct 2019 19:58

Tgt Ion: 98 Resp: 349313
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 43.523 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063947.D

Acq: 11 Oct 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

TP-9

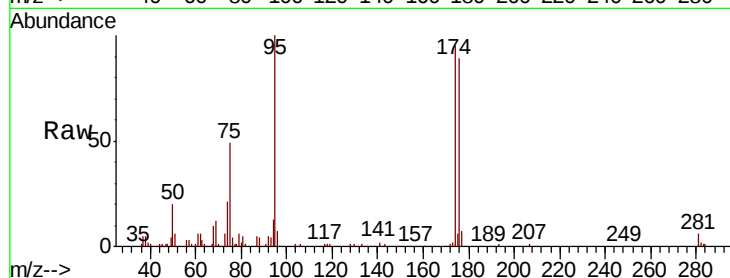
Tot Ion: 95 Resp: 100253

Ion Ratio Lower Upper

95 100

174 92.7 0.0 186.4

176 90.4 0.0 184.2



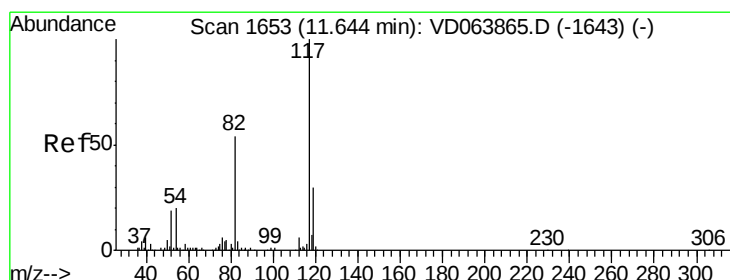
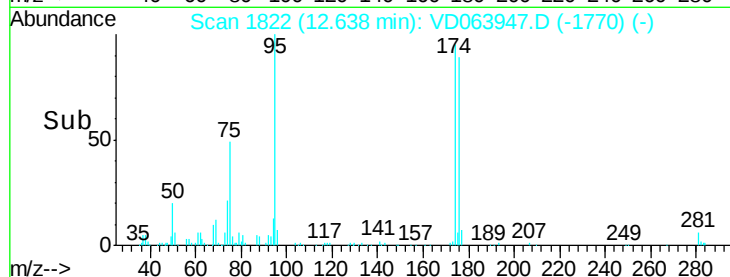
Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063947.D

Acq: 11 Oct 2019 19:58

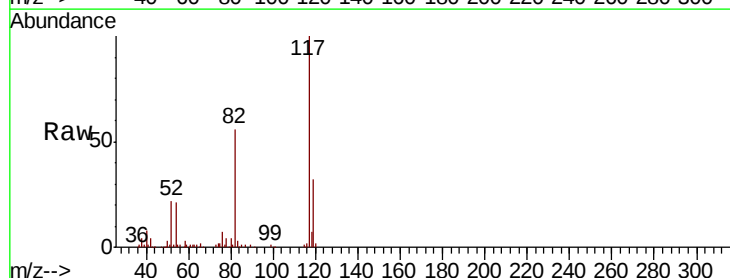
Tgt Ion: 117 Resp: 253739

Ion Ratio Lower Upper

117 100

82 56.4 42.8 64.2

119 31.7 24.4 36.6



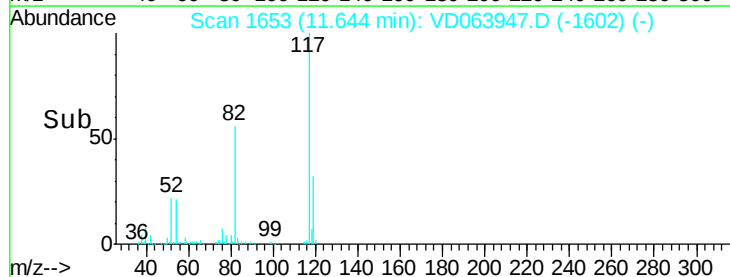
Abundance Ion 116.90 (116.60 to 117.60): VDC

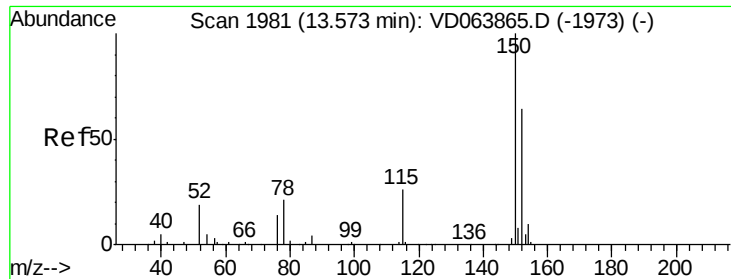
Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): VDC

11.64

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VD063947.D

Acq: 11 Oct 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

TP-9

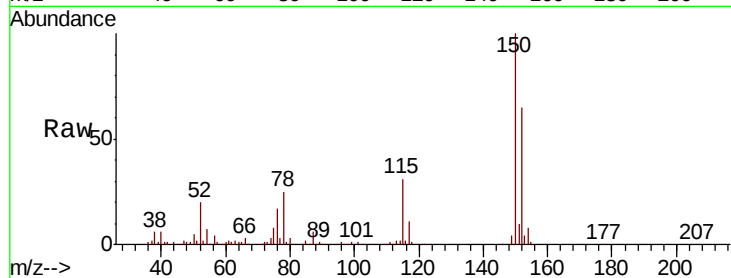
Tot Ion:152 Resp: 110677

Ion Ratio Lower Upper

152 100

115 52.6 25.9 77.7

150 155.3 0.0 344.2



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

