

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063919.D
 Acq On : 10 Oct 2019 19:28
 Operator : VA/SY
 Sample : K5297-12
 Misc : 6.18G/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Oct 11 08:28:24 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

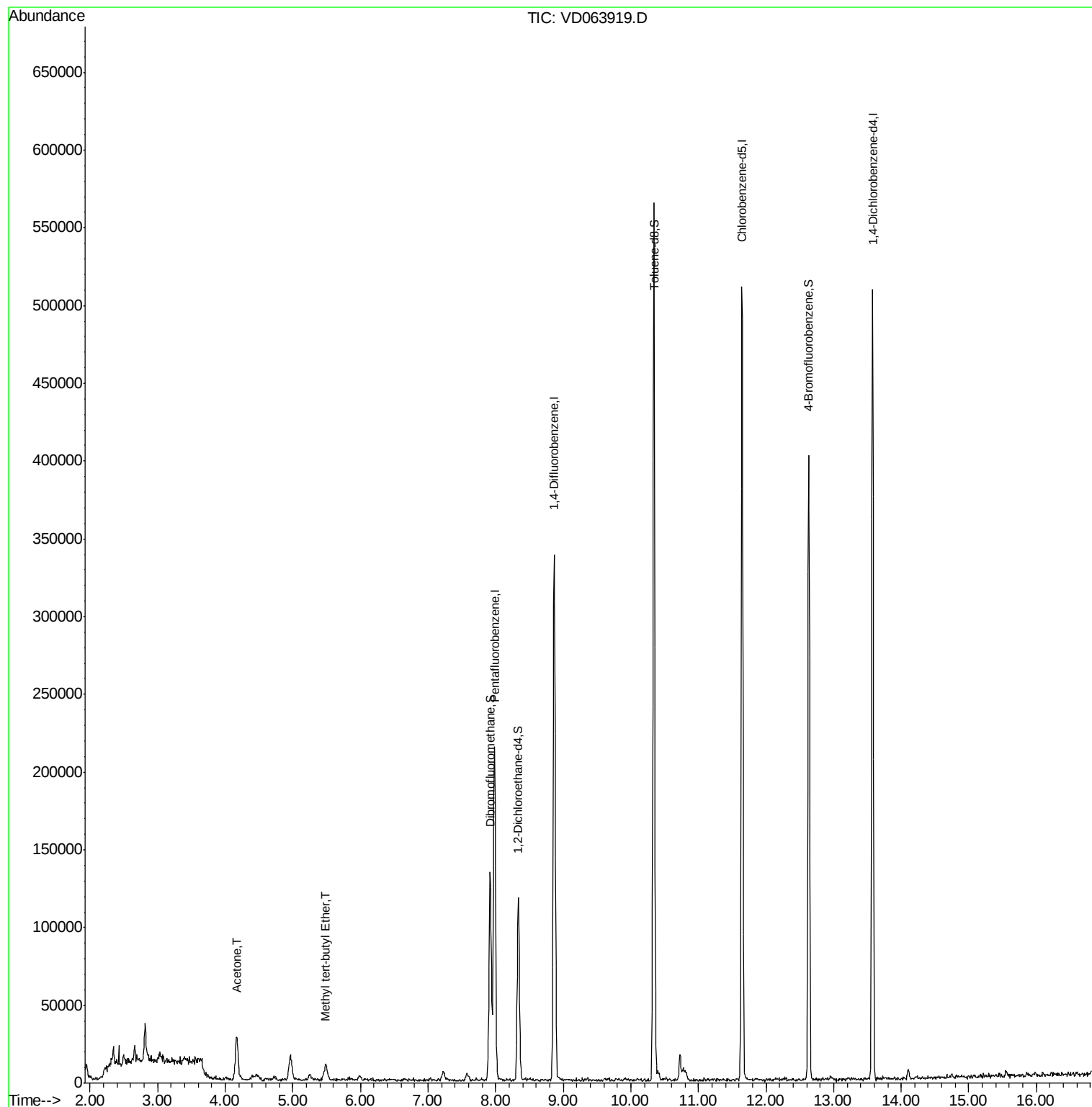
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	166302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	291478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	284537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	93329	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.28%	
35) Dibromofluoromethane	7.91	113	91071	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.34	98	381160	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.63	95	113407	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
16) Acetone	4.16	43	48235	114.427	ug/l	89
19) Methyl tert-butyl Ether	5.47	73	14708	4.075	ug/l #	90

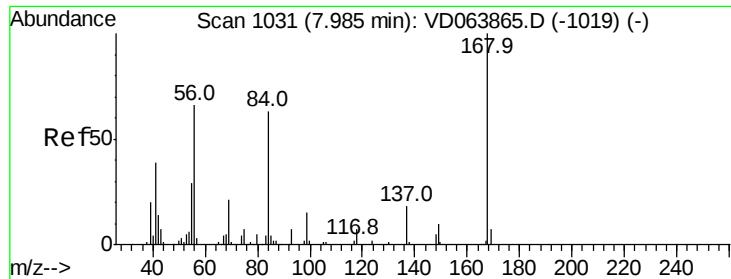
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 05 03:51:17 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063919.D

Acq: 10 Oct 2019 19:28

Instrument :

MSVOA_D

ClientSampled :

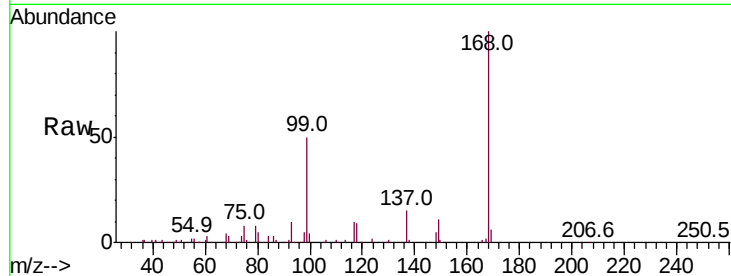
TP-5

Tot Ion:168 Resp: 166302

Ion Ratio Lower Upper

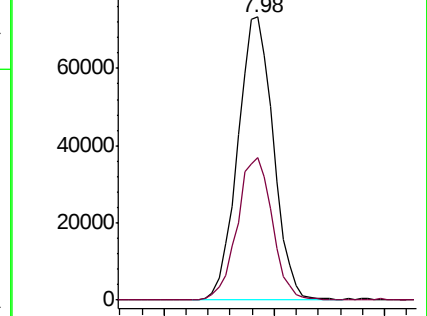
168 100

99 50.3 43.0 64.4

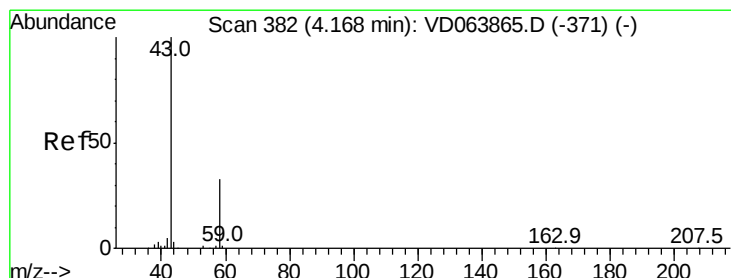
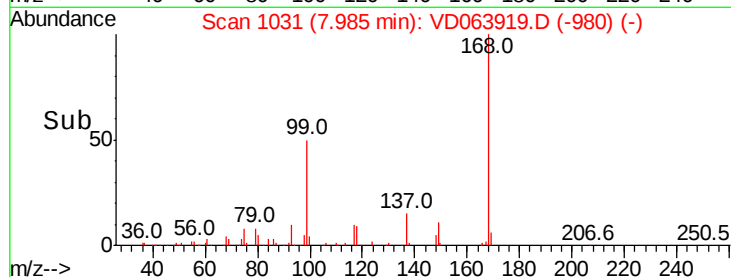


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#16

Acetone

Concen: 114.427 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063919.D

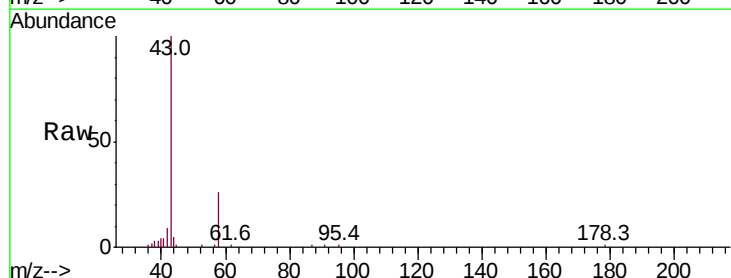
Acq: 10 Oct 2019 19:28

Tgt Ion: 43 Resp: 48235

Ion Ratio Lower Upper

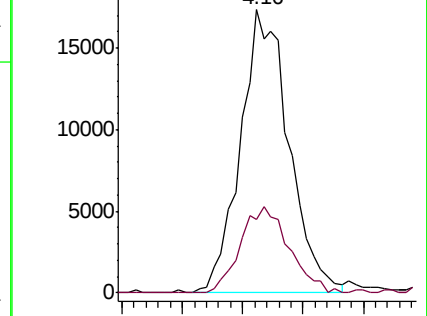
43 100

58 26.9 26.2 39.4

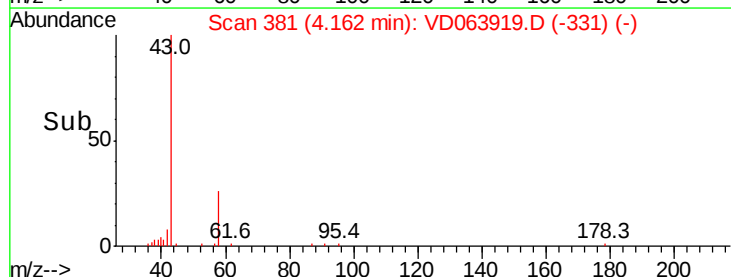


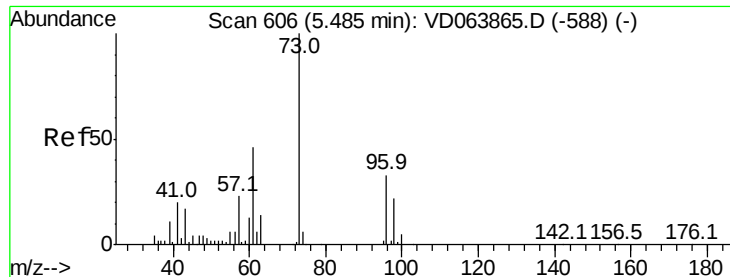
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



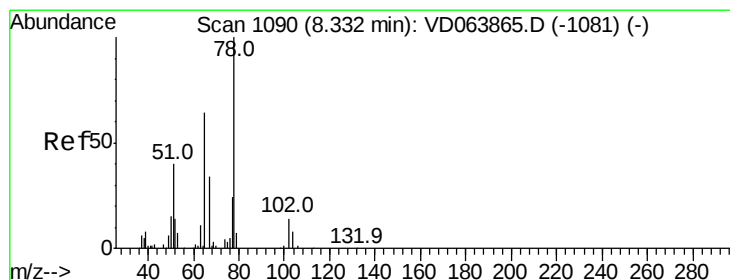
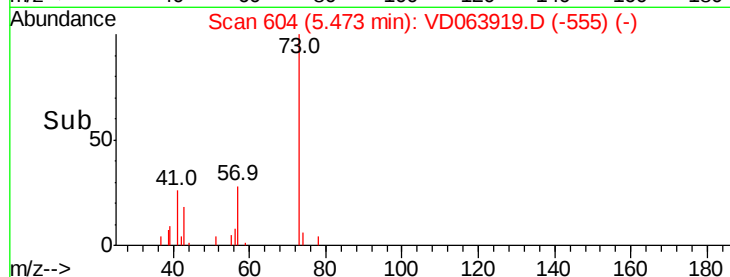
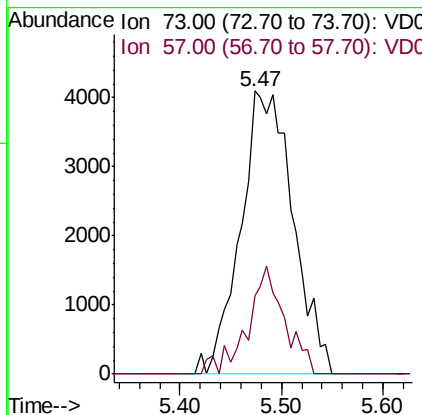
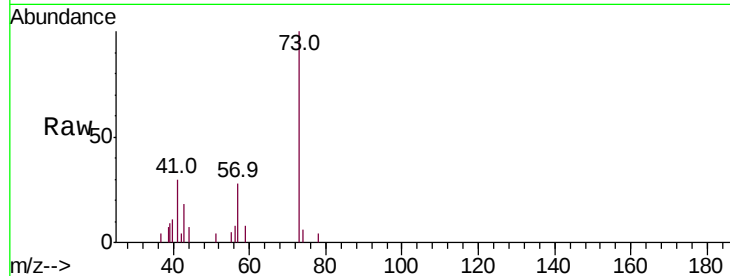


#19

Methvl tert-butvl Ether
 Concen: 4.075 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD063919.D
 Acq: 10 Oct 2019 19:28

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

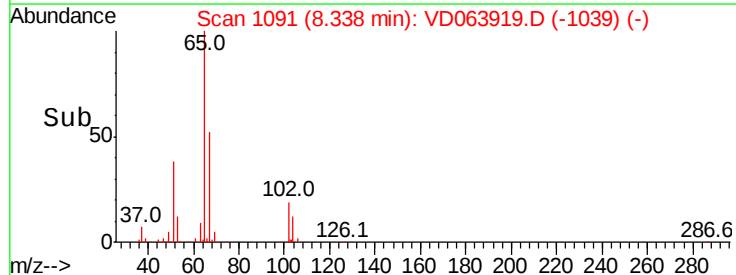
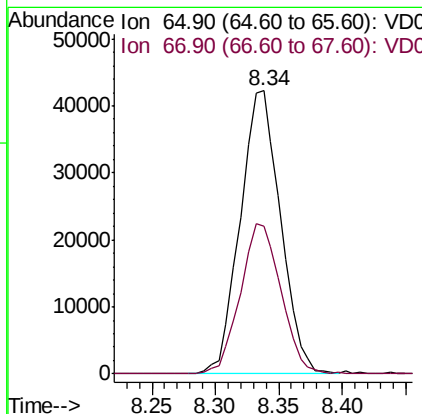
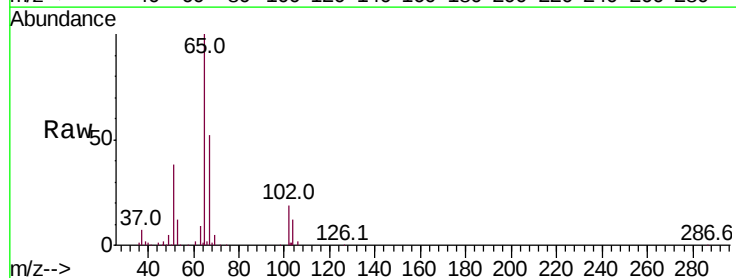
Tot Ion: 73 Resp: 14708
 Ion Ratio Lower Upper
 73 100
 57 27.6 18.1 27.1#

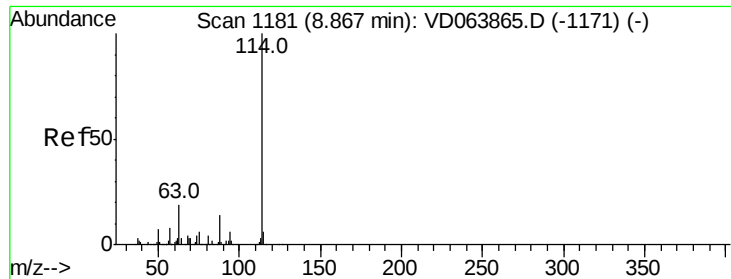


#33

1,2-Dichloroethane-d4
 Concen: 57.643 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063919.D
 Acq: 10 Oct 2019 19:28

Tgt Ion: 65 Resp: 93329
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.4

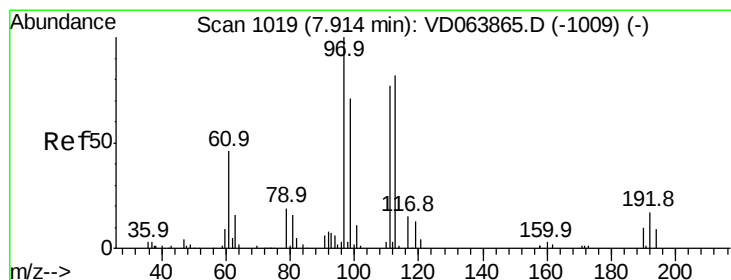
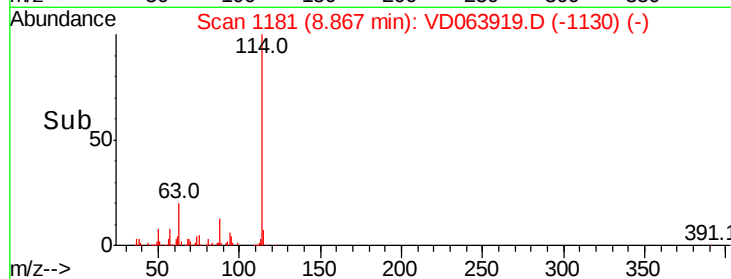
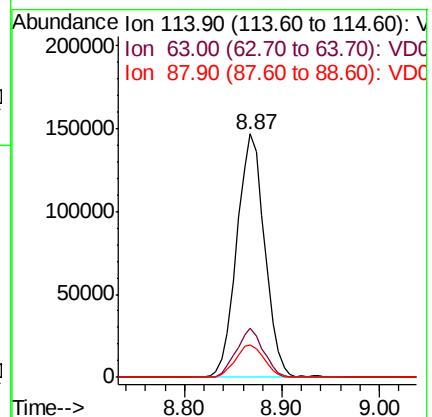
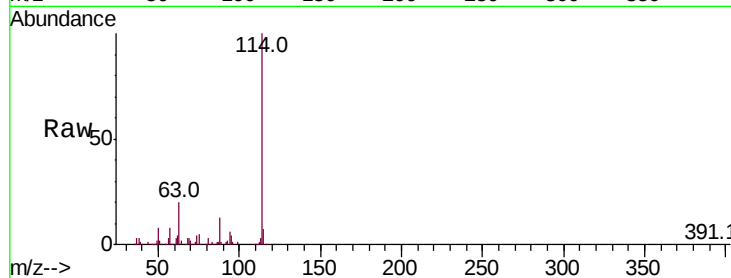




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063919.D
Acq: 10 Oct 2019 19:28

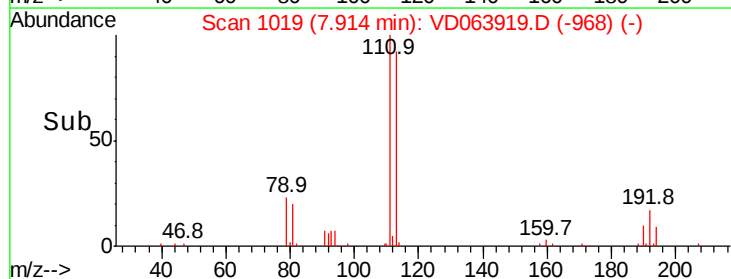
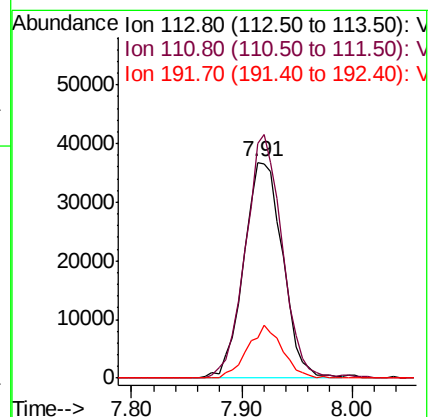
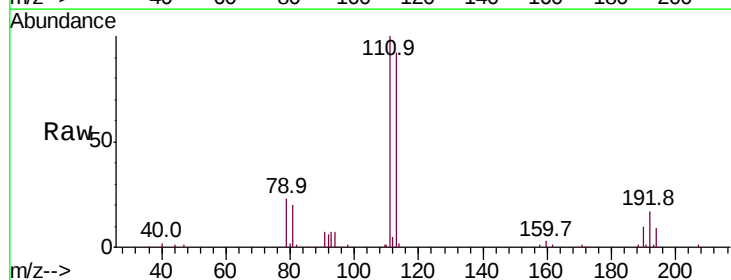
Instrument :
MSVOA_D
ClientSampleId :
TP-5

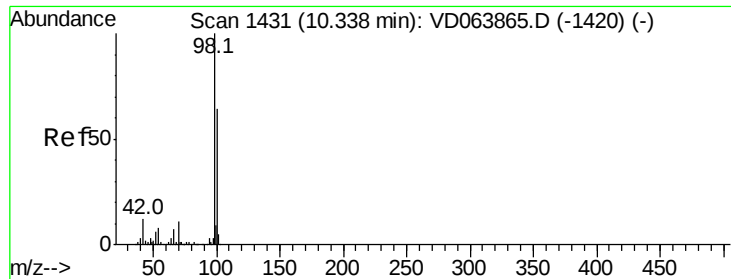
Tot Ion:114 Resp: 291478
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.4
88 13.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.126 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD063919.D
Acq: 10 Oct 2019 19:28

Tgt Ion:113 Resp: 91071
Ion Ratio Lower Upper
113 100
111 106.0 82.6 123.8
192 21.8 17.1 25.7

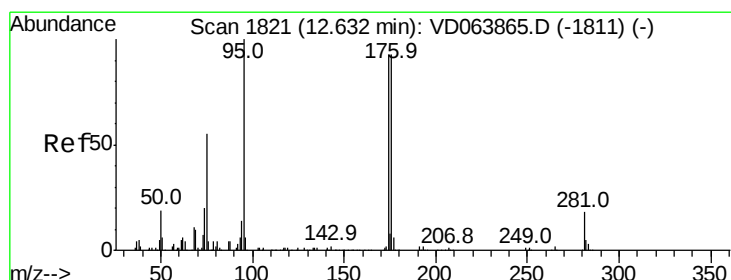
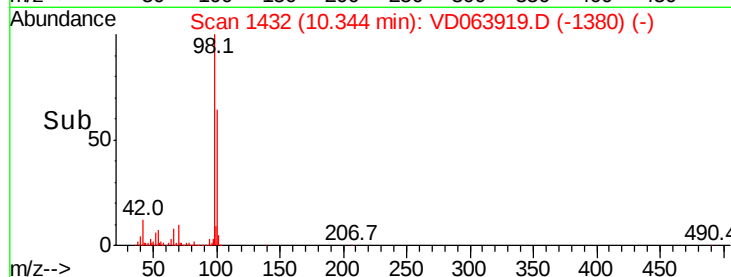
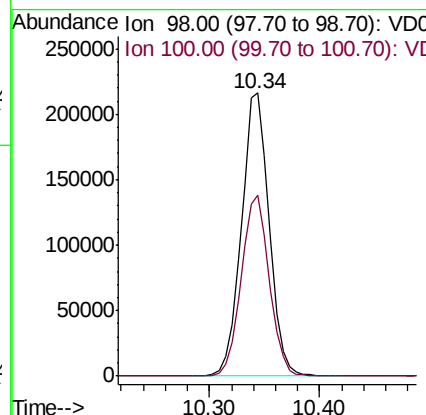
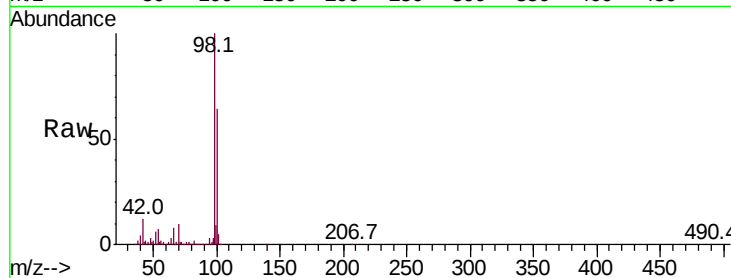




#50
Toluene-d8
Concen: 52.719 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063919.D
Acq: 10 Oct 2019 19:28

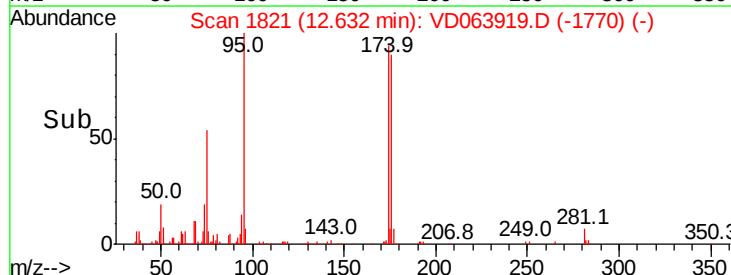
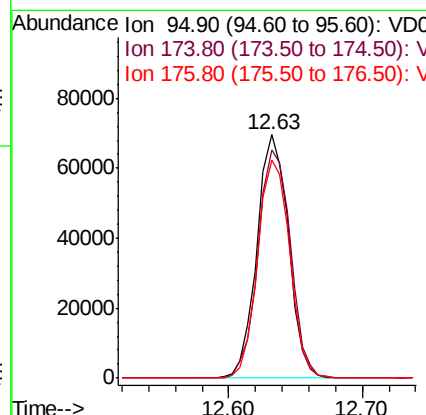
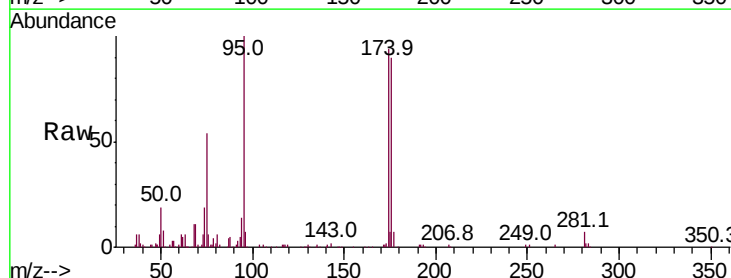
Instrument :
MSVOA_D
ClientSampleId :
TP-5

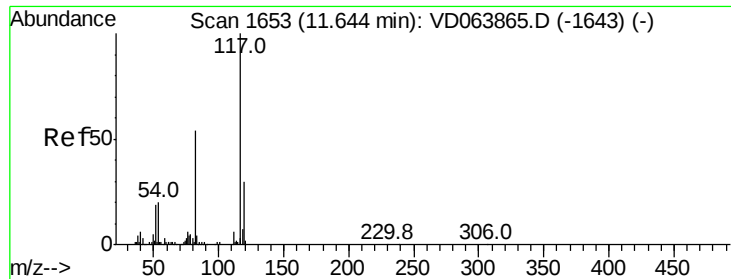
Tot Ion: 98 Resp: 381160
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063919.D
Acq: 10 Oct 2019 19:28

Tgt Ion: 95 Resp: 113407
Ion Ratio Lower Upper
95 100
174 96.8 0.0 186.4
176 90.9 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063919.D

Acq: 10 Oct 2019 19:28

Instrument :

MSVOA_D

ClientSampleId :

TP-5

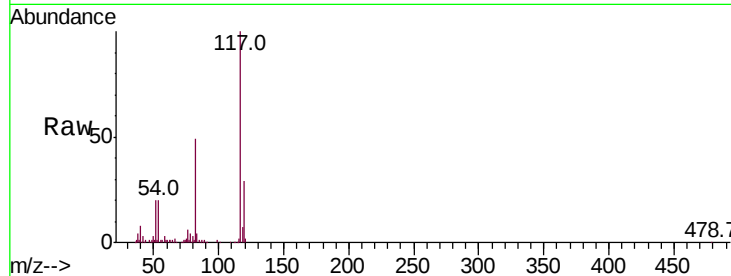
Tot Ion:117 Resp: 284537

Ion Ratio Lower Upper

117 100

82 48.6 42.8 64.2

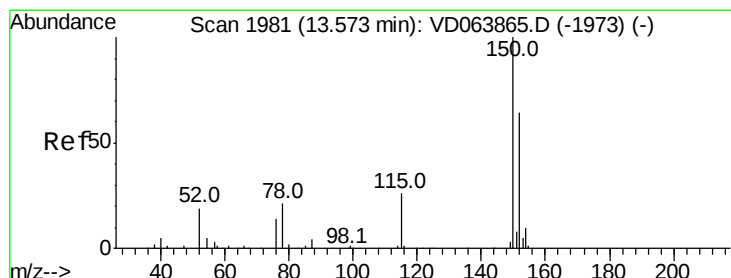
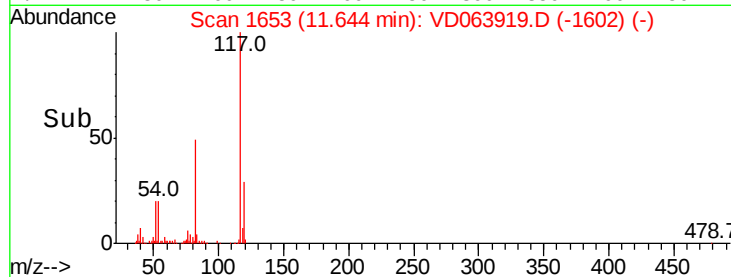
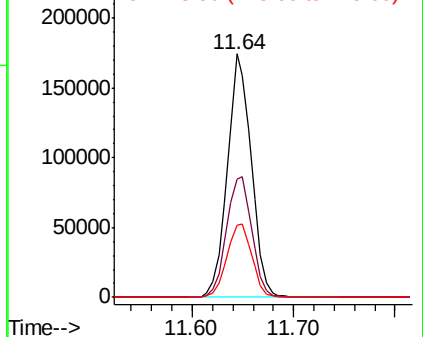
119 29.4 24.4 36.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VD063919.D

Acq: 10 Oct 2019 19:28

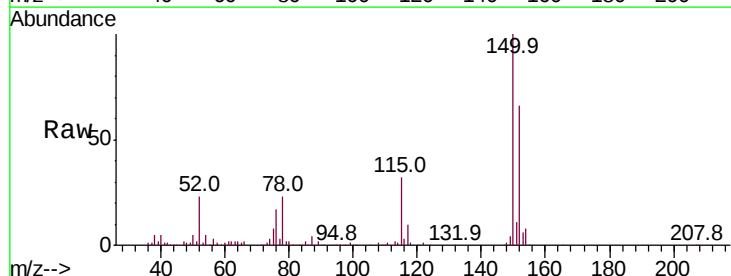
Tgt Ion:152 Resp: 134548

Ion Ratio Lower Upper

152 100

115 53.2 25.9 77.7

150 154.3 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

