

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063912.D
 Acq On : 10 Oct 2019 16:09
 Operator : VA/SY
 Sample : K5145-01
 Misc : 9.04G/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-100919

Quant Time: Oct 11 08:12:44 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

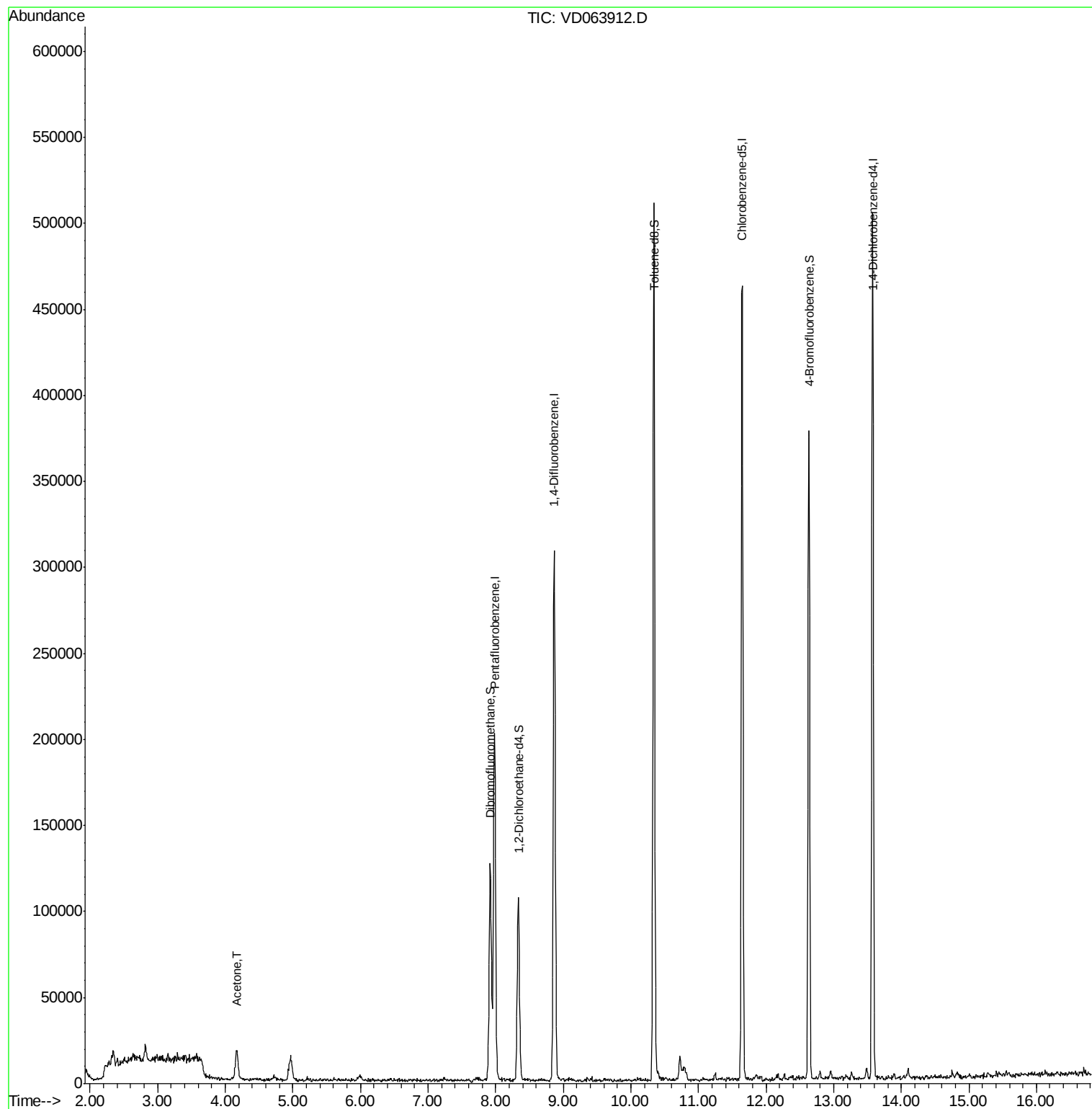
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	270059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	263586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	86195	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
35) Dibromofluoromethane	7.92	113	86601	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.34	98	350574	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.63	95	110556	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
16) Acetone	4.17	43	30880	77.376	ug/l #	Qvalue 79

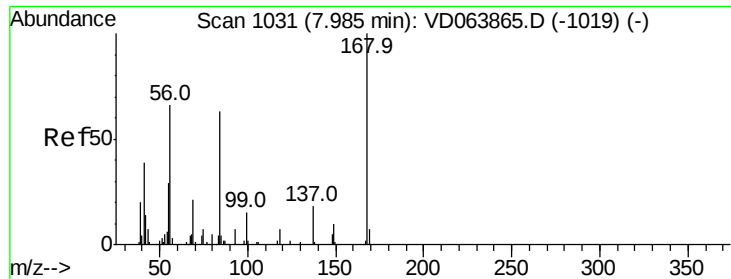
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD063912.D

Acq: 10 Oct 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

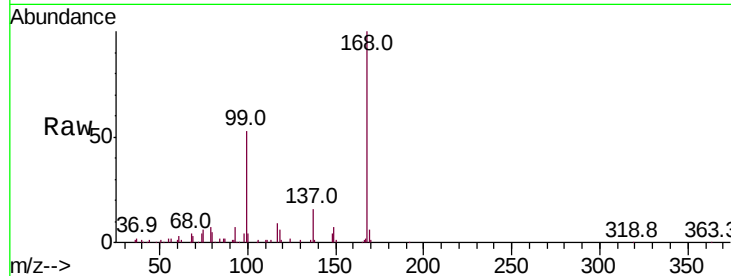
HD-01-100919

Tot Ion:168 Resp: 157448

Ion Ratio Lower Upper

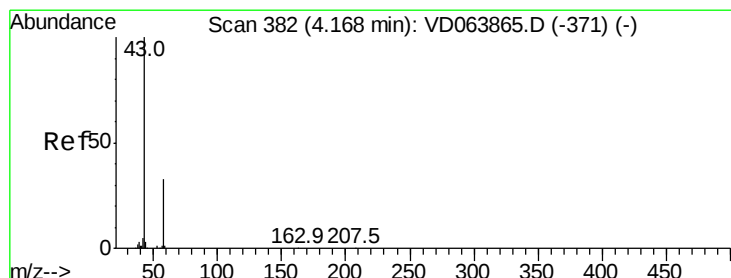
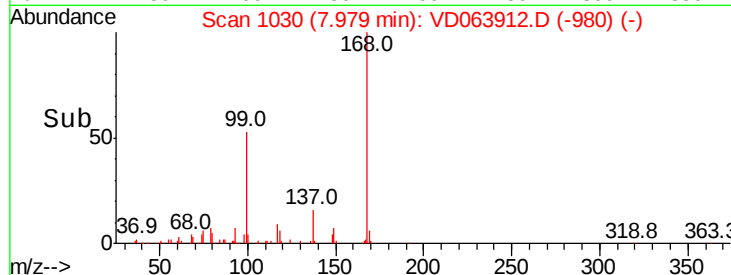
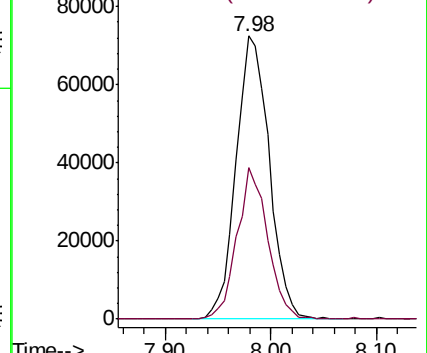
168 100

99 53.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 77.376 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD063912.D

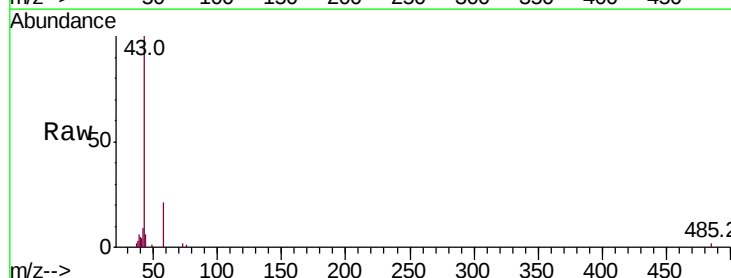
Acq: 10 Oct 2019 16:09

Tgt Ion: 43 Resp: 30880

Ion Ratio Lower Upper

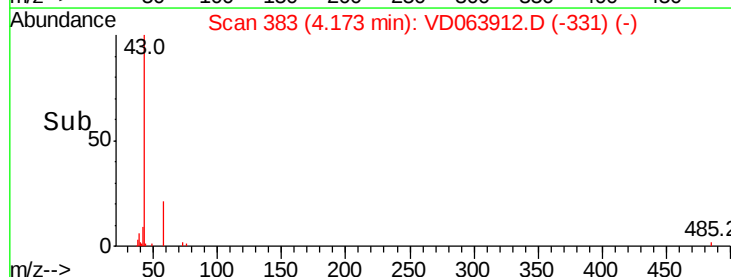
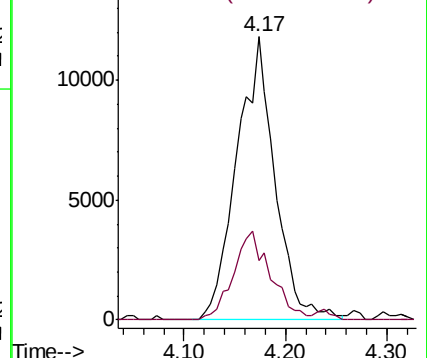
43 100

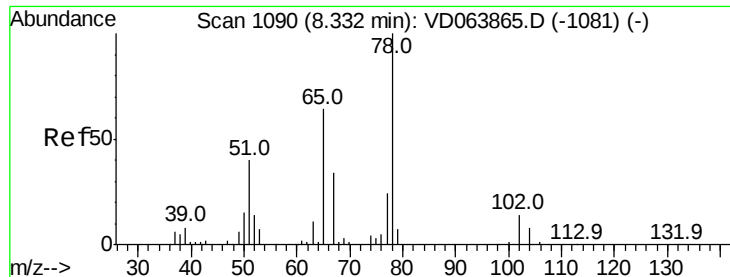
58 21.0 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

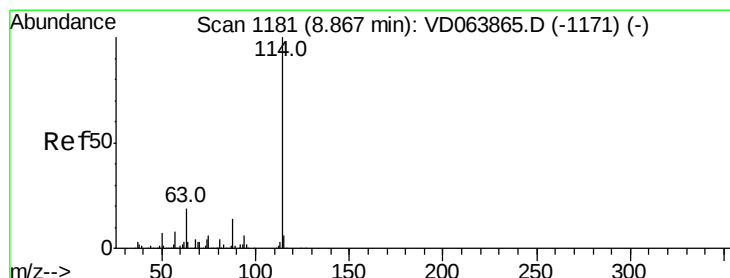
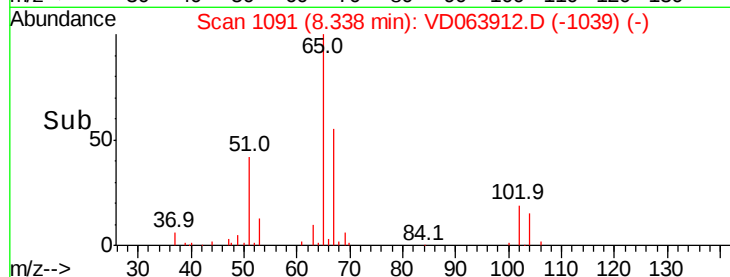
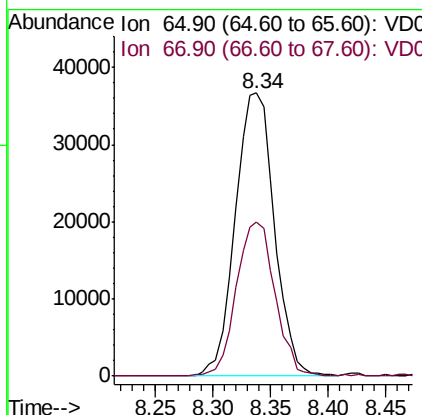
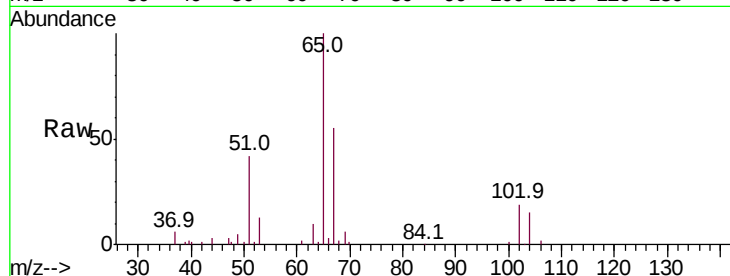




#33
 1,2-Dichloroethane-d4
 Concen: 56.231 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063912.D
 Acq: 10 Oct 2019 16:09

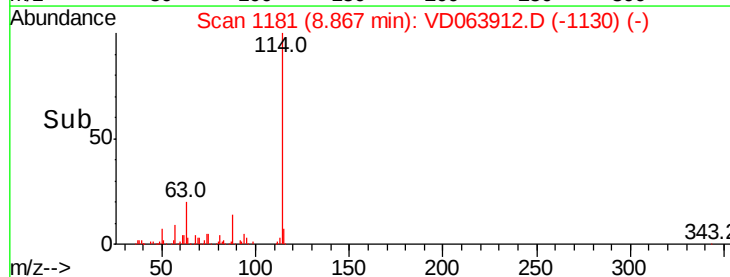
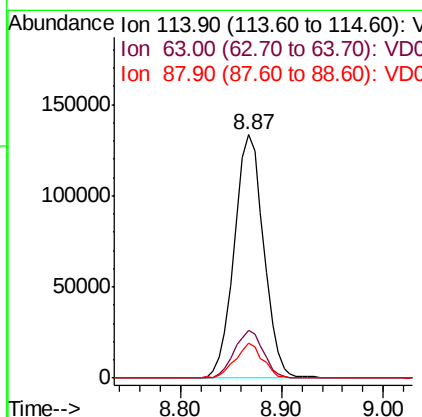
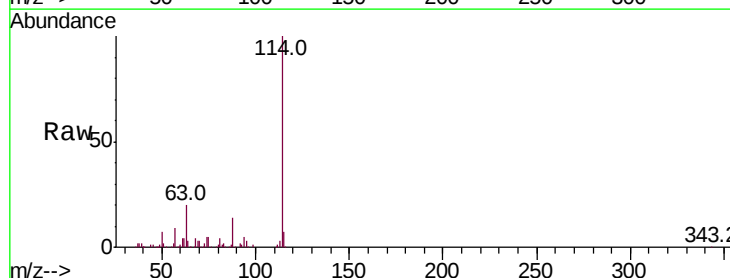
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-100919

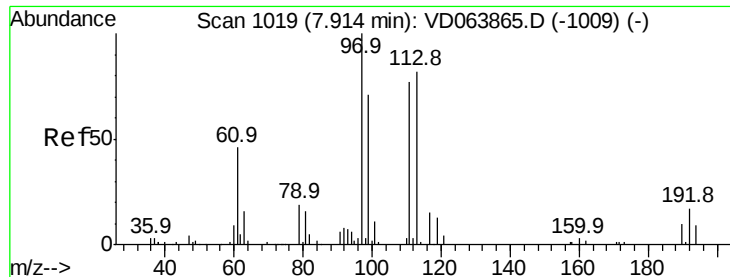
Tot Ion: 65 Resp: 86195
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063912.D
 Acq: 10 Oct 2019 16:09

Tgt Ion: 114 Resp: 270059
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 14.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 52.472 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063912.D

Acq: 10 Oct 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

HD-01-100919

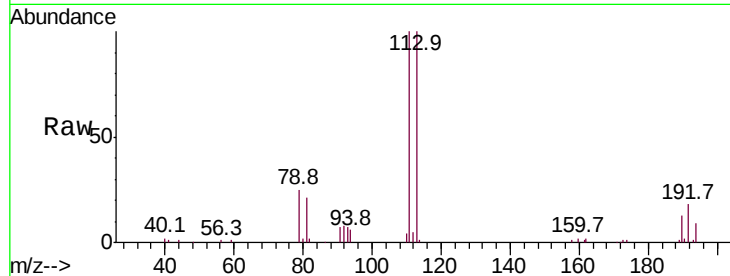
Tot Ion:113 Resp: 86601

Ion Ratio Lower Upper

113 100

111 100.5 82.6 123.8

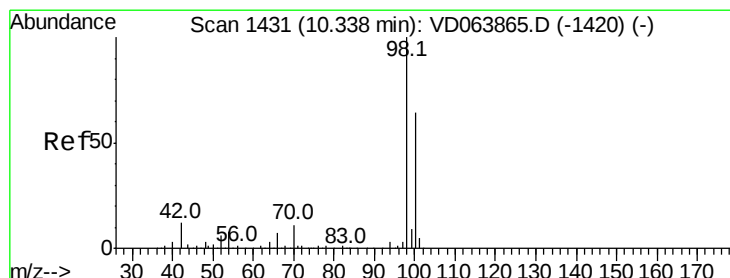
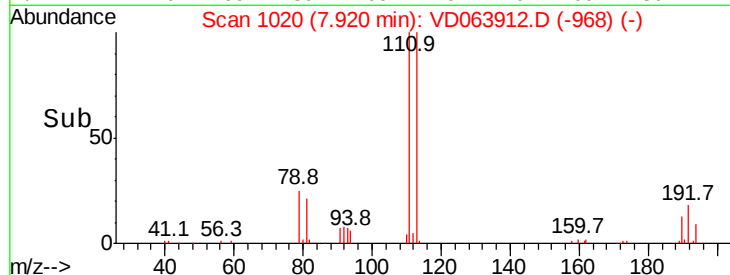
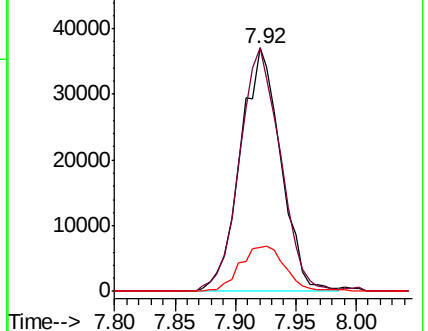
192 20.5 17.1 25.7



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: 52.334 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063912.D

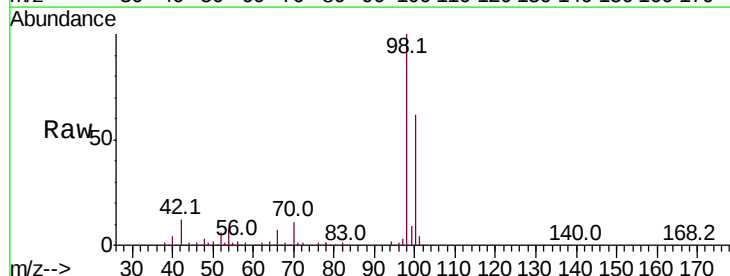
Acq: 10 Oct 2019 16:09

Tgt Ion: 98 Resp: 350574

Ion Ratio Lower Upper

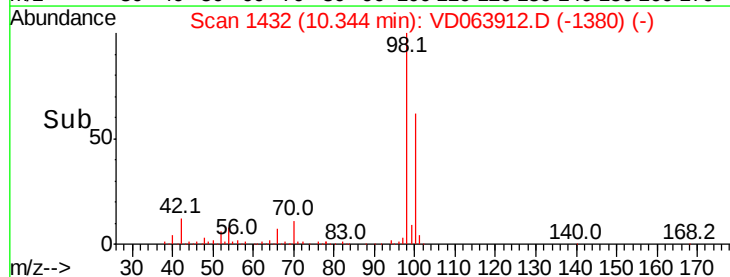
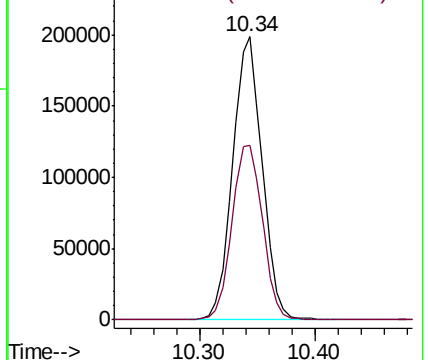
98 100

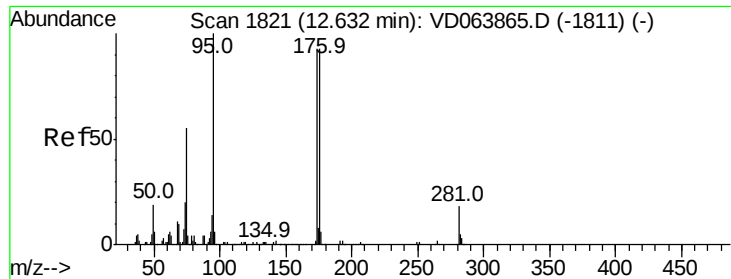
100 64.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.493 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063912.D

Acq: 10 Oct 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

HD-01-100919

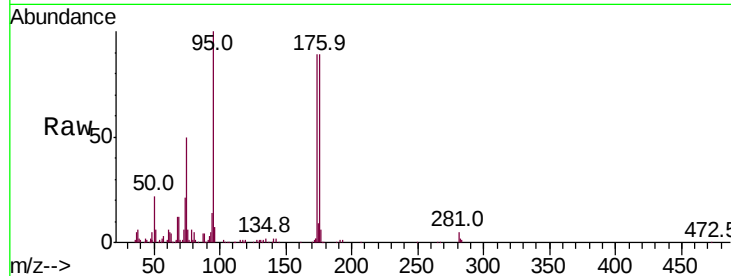
Tot Ion: 95 Resp: 110556

Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.4

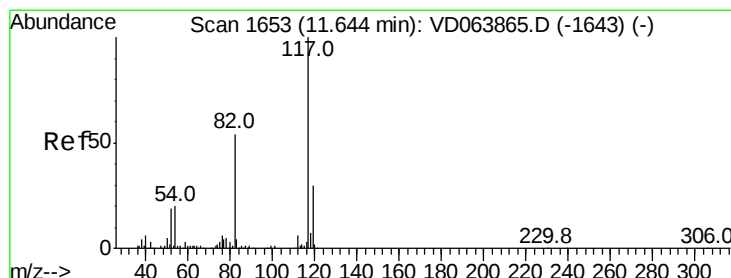
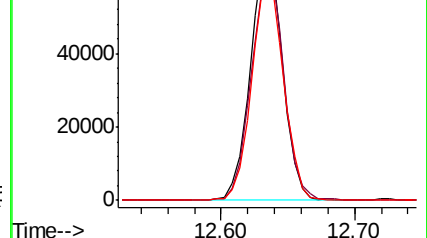
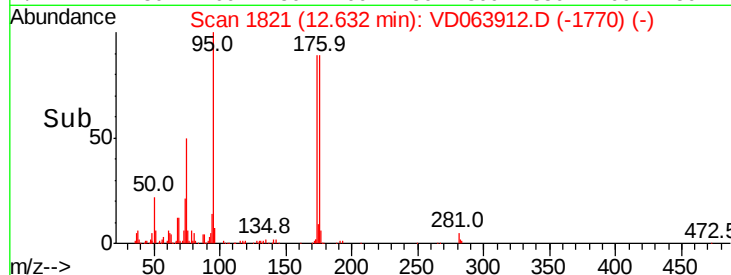
176 89.3 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063912.D

Acq: 10 Oct 2019 16:09

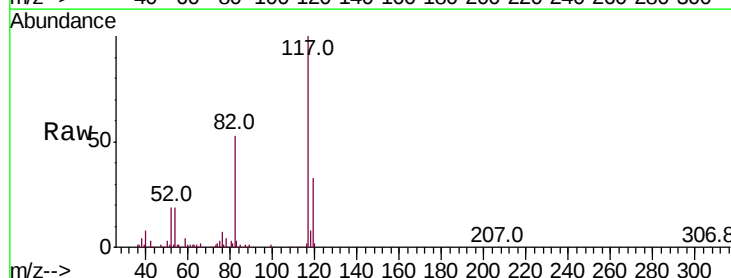
Tgt Ion: 117 Resp: 263586

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

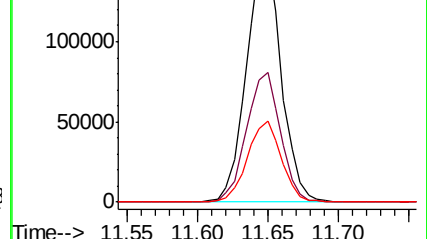
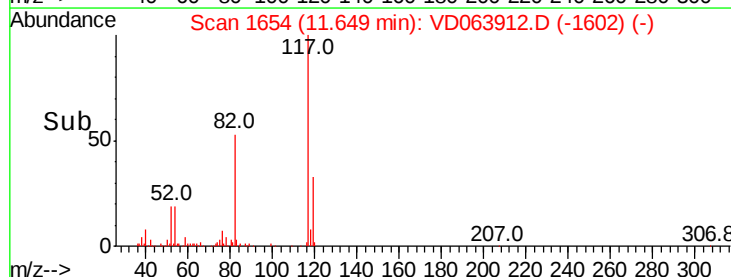
119 33.5 24.4 36.6

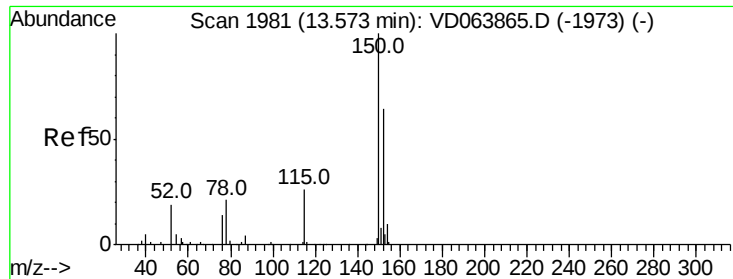


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. 0.01 min

Lab File: VD063912.D

Acq: 10 Oct 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

HD-01-100919

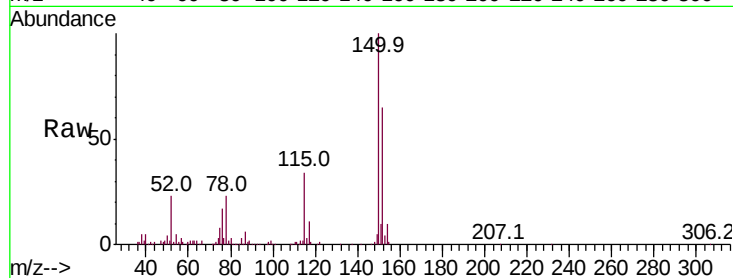
Tot Ion:152 Resp: 128264

Ion Ratio Lower Upper

152 100

115 55.6 25.9 77.7

150 160.5 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

