

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063985.D
 Acq On : 16 Oct 2019 14:10
 Operator : VA/SY
 Sample : K5148-05
 Misc : 7.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-101119

Quant Time: Oct 16 14:56:57 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

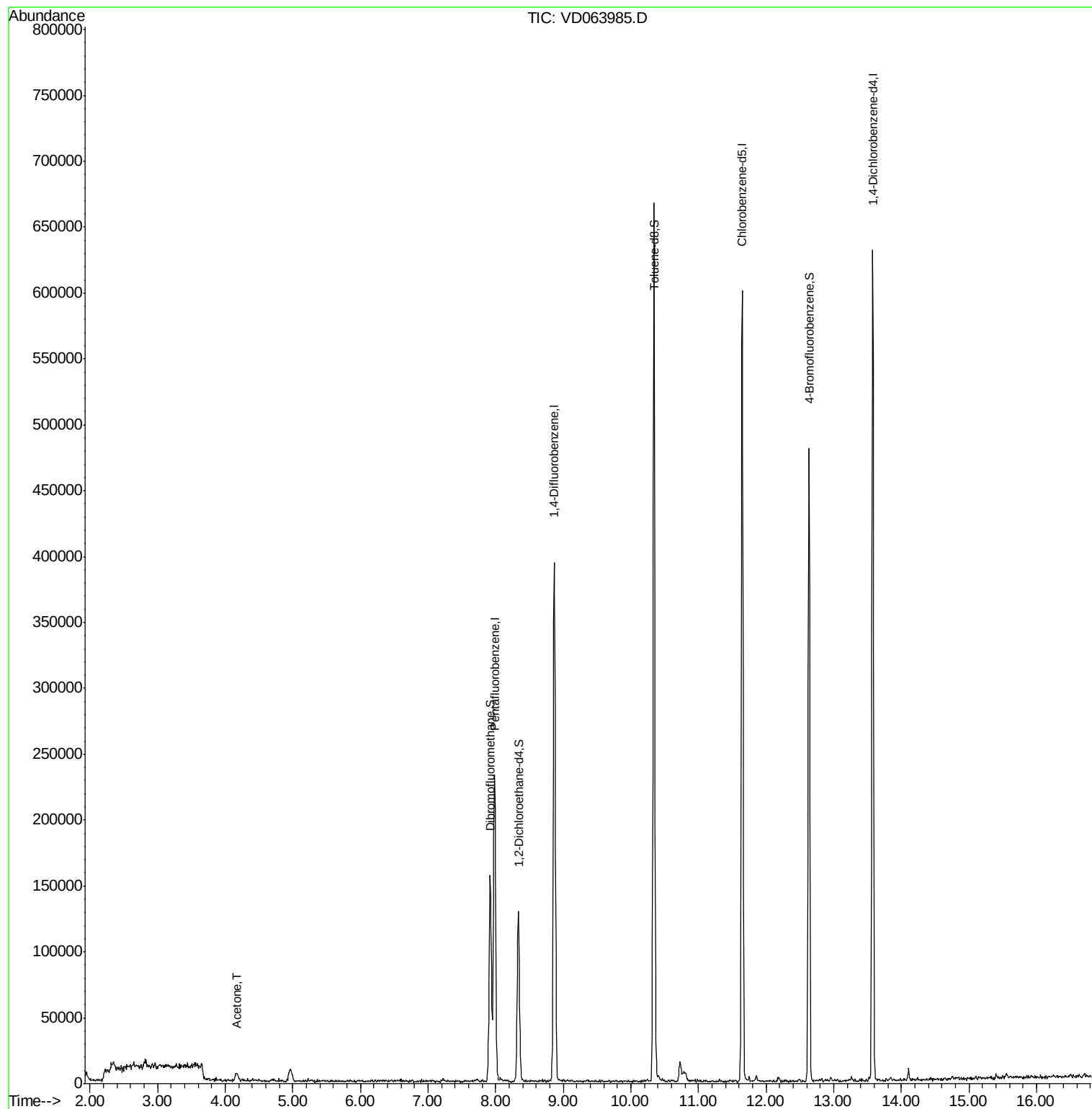
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	182291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	341689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	336689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100342	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
35) Dibromofluoromethane	7.92	113	105796	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.34	98	445229	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.64	95	135072	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
Target Compounds						
16) Acetone	4.17	43	10979	23.761	ug/l	Qvalue 91

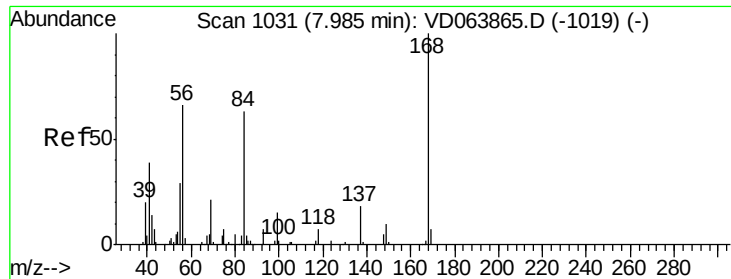
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063985.D

Acq: 16 Oct 2019 14:10

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MSVOA_D

ClientSampleId :

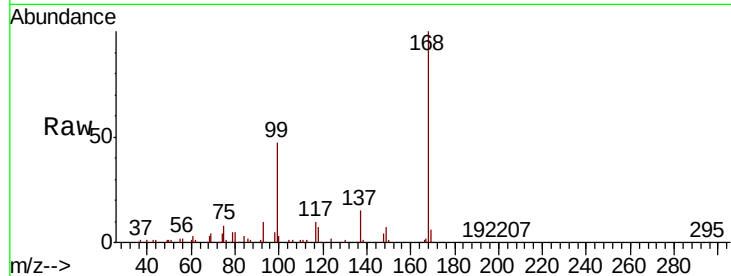
OR-03-101119

Tot Ion:168 Resp: 182291

Ion Ratio Lower Upper

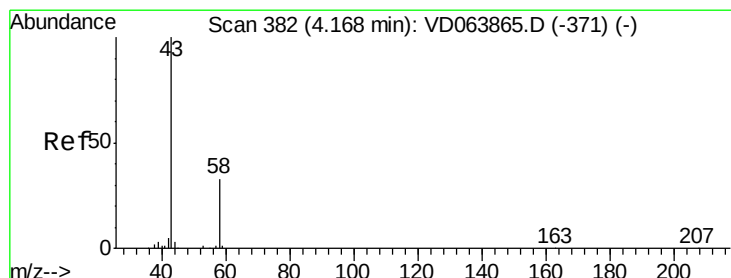
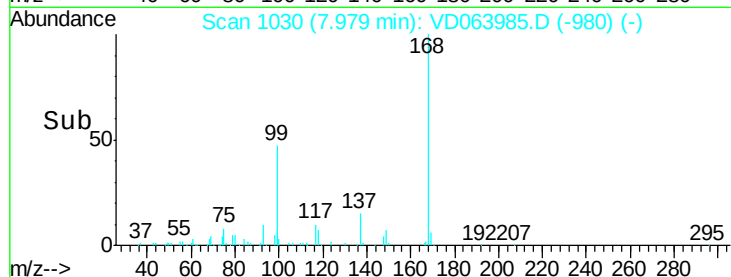
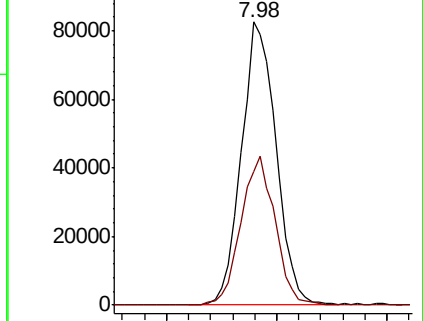
168 100

99 47.2 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: 23.761 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD063985.D

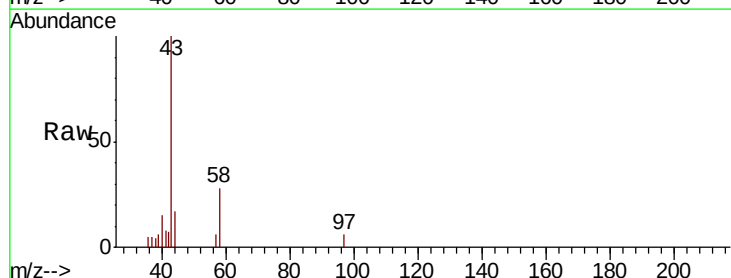
Acq: 16 Oct 2019 14:10

Tgt Ion: 43 Resp: 10979

Ion Ratio Lower Upper

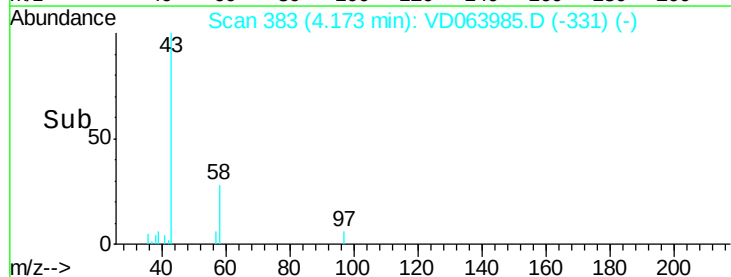
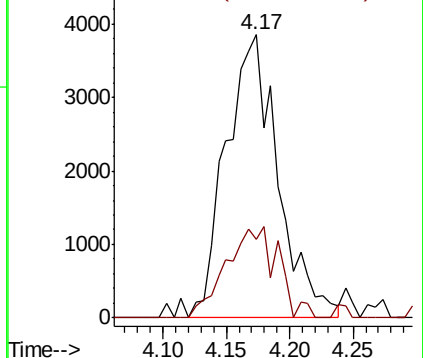
43 100

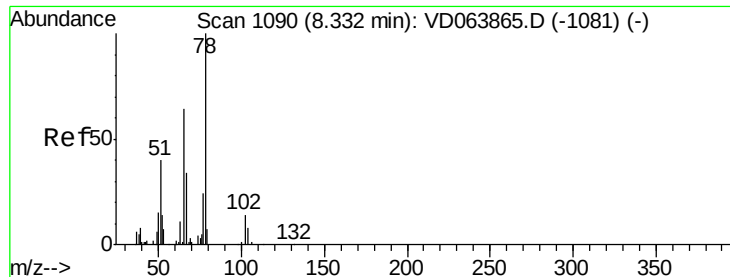
58 27.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

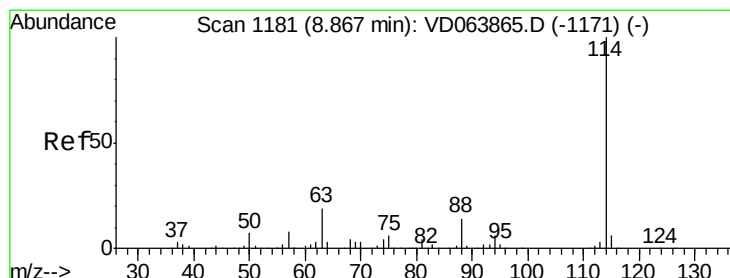
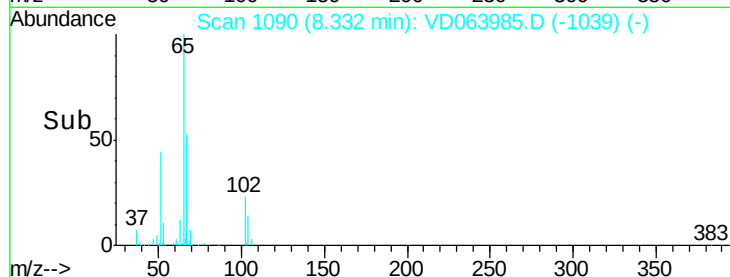
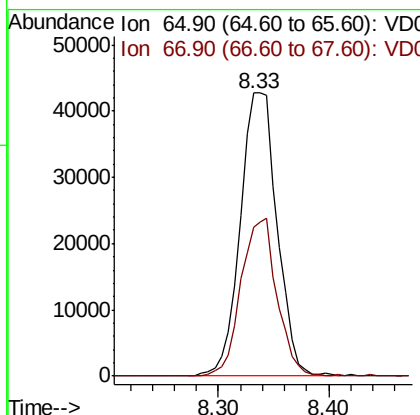
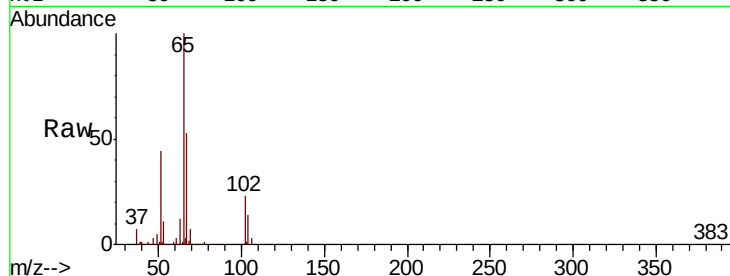




#33
 1,2-Dichloroethane-d4
 Concen: 56.539 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD063985.D
 Acq: 16 Oct 2019 14:10

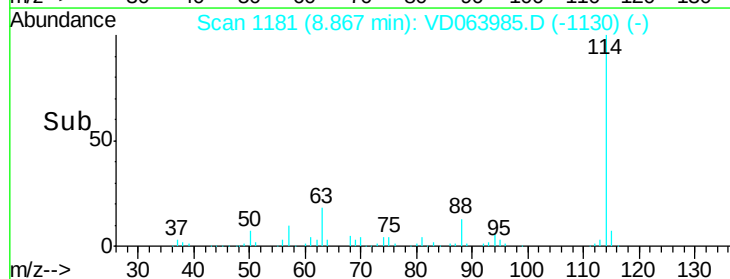
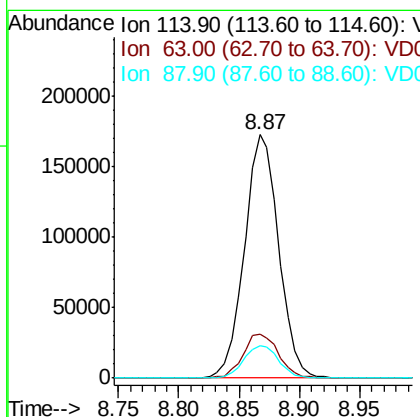
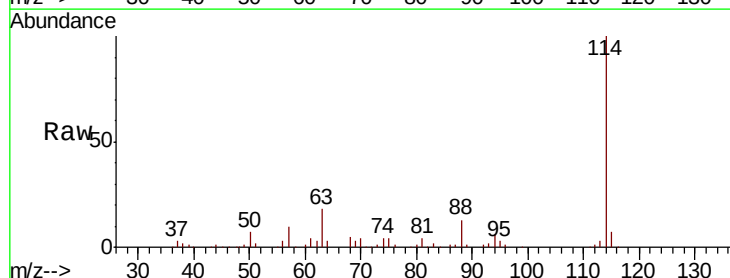
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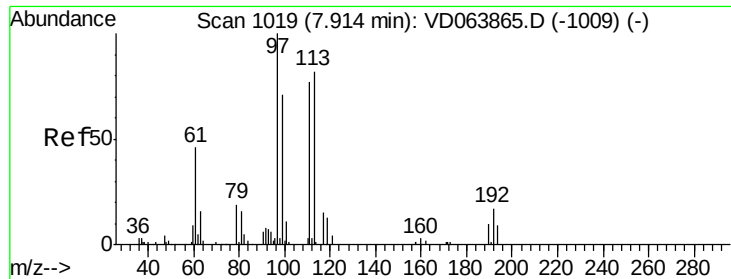
Tot Ion: 65 Resp: 100342
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063985.D
 Acq: 16 Oct 2019 14:10

Tgt Ion: 114 Resp: 341689
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.4
 88 13.1 0.0 27.4

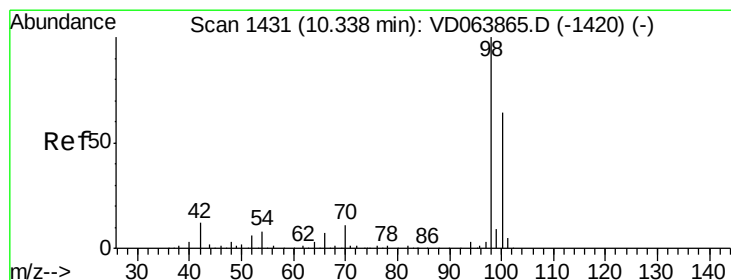
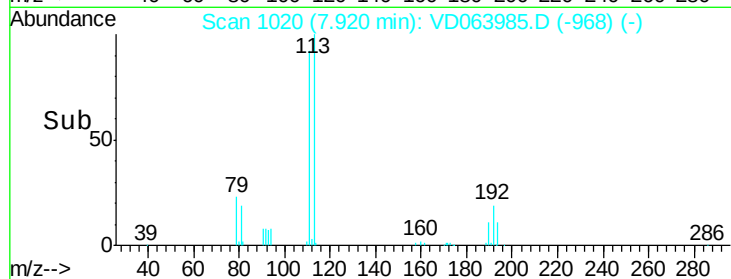
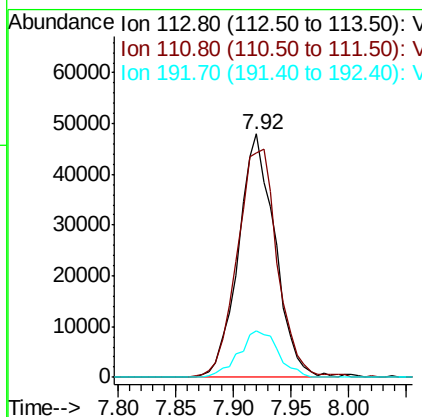
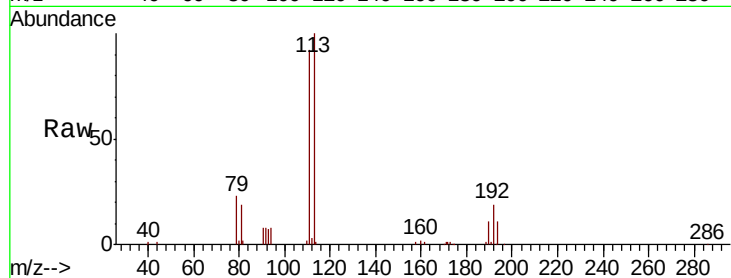




#35
 Dibromofluoromethane
 Concen: 50.665 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063985.D
 Acq: 16 Oct 2019 14:10

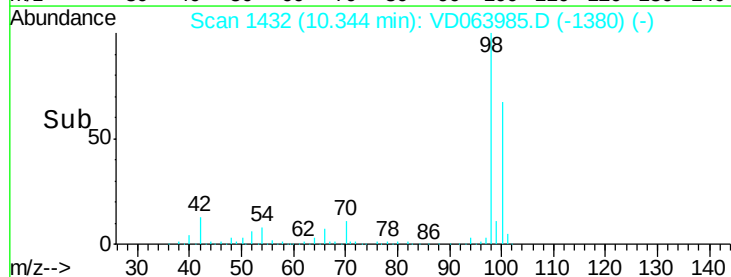
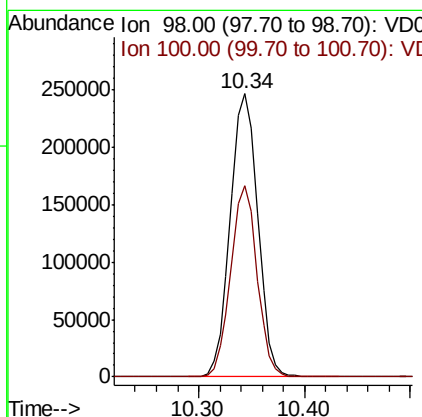
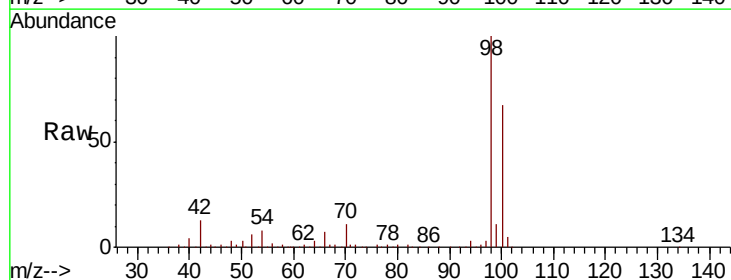
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-101119

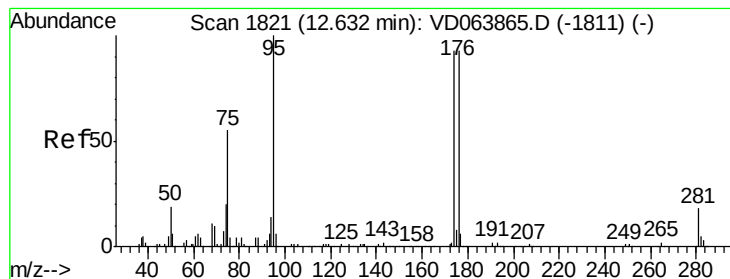
Tot Ion:113 Resp: 105796
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 20.5 17.1 25.7



#50
 Toluene-d8
 Concen: 52.531 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD063985.D
 Acq: 16 Oct 2019 14:10

Tgt Ion: 98 Resp: 445229
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 45.861 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063985.D

Acq: 16 Oct 2019 14:10

Instrument :

MSVOA_D

ClientSampleId :

OR-03-101119

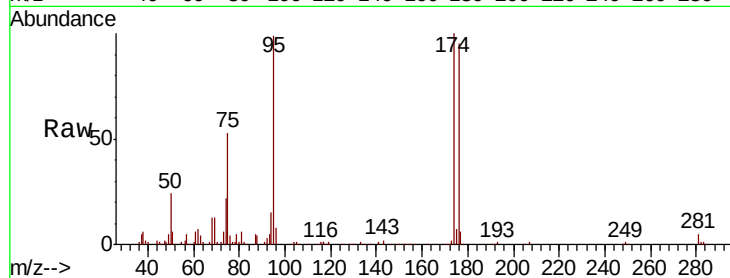
Tot Ion: 95 Resp: 135072

Ion Ratio Lower Upper

95 100

174 94.2 0.0 186.4

176 91.7 0.0 184.2



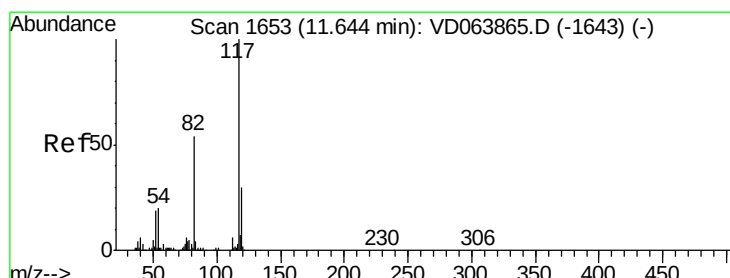
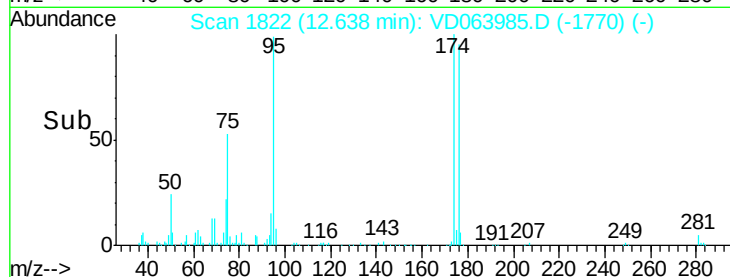
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063985.D

Acq: 16 Oct 2019 14:10

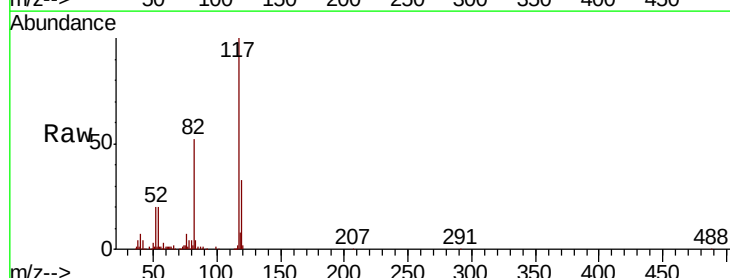
Tgt Ion: 117 Resp: 336689

Ion Ratio Lower Upper

117 100

82 52.2 42.8 64.2

119 32.6 24.4 36.6



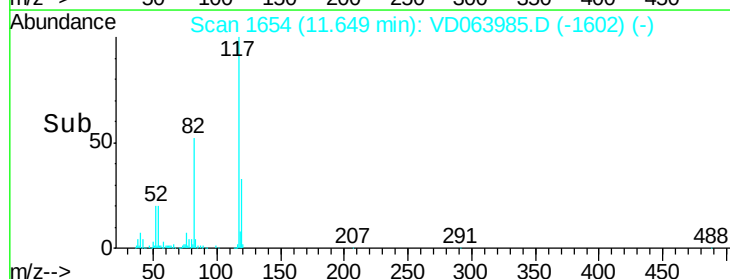
Abundance Ion 116.90 (116.60 to 117.60): V

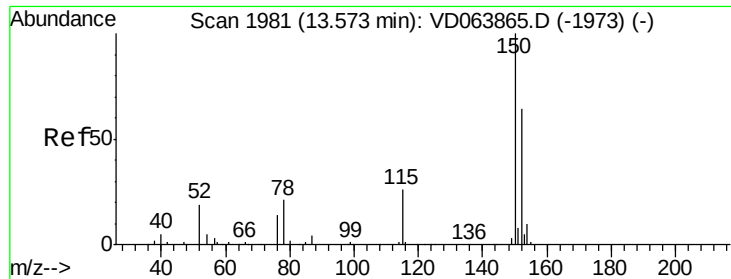
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063985.D

Acq: 16 Oct 2019 14:10

Instrument :

MSVOA_D

ClientSampleId :

OR-03-101119

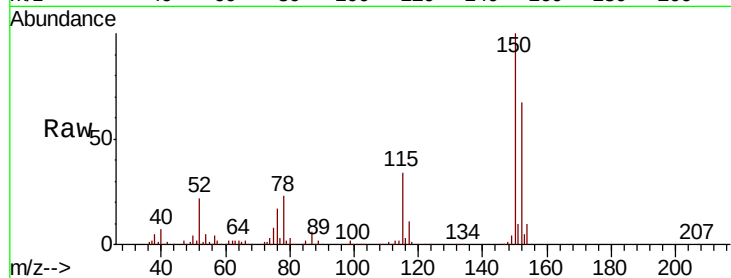
Tot Ion:152 Resp: 161981

Ion Ratio Lower Upper

152 100

115 54.3 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

