

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063319.D
 Acq On : 2 Aug 2019 16:22
 Operator : VA/AP
 Sample : K4120-12RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-2RE

Quant Time: Aug 04 04:24:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

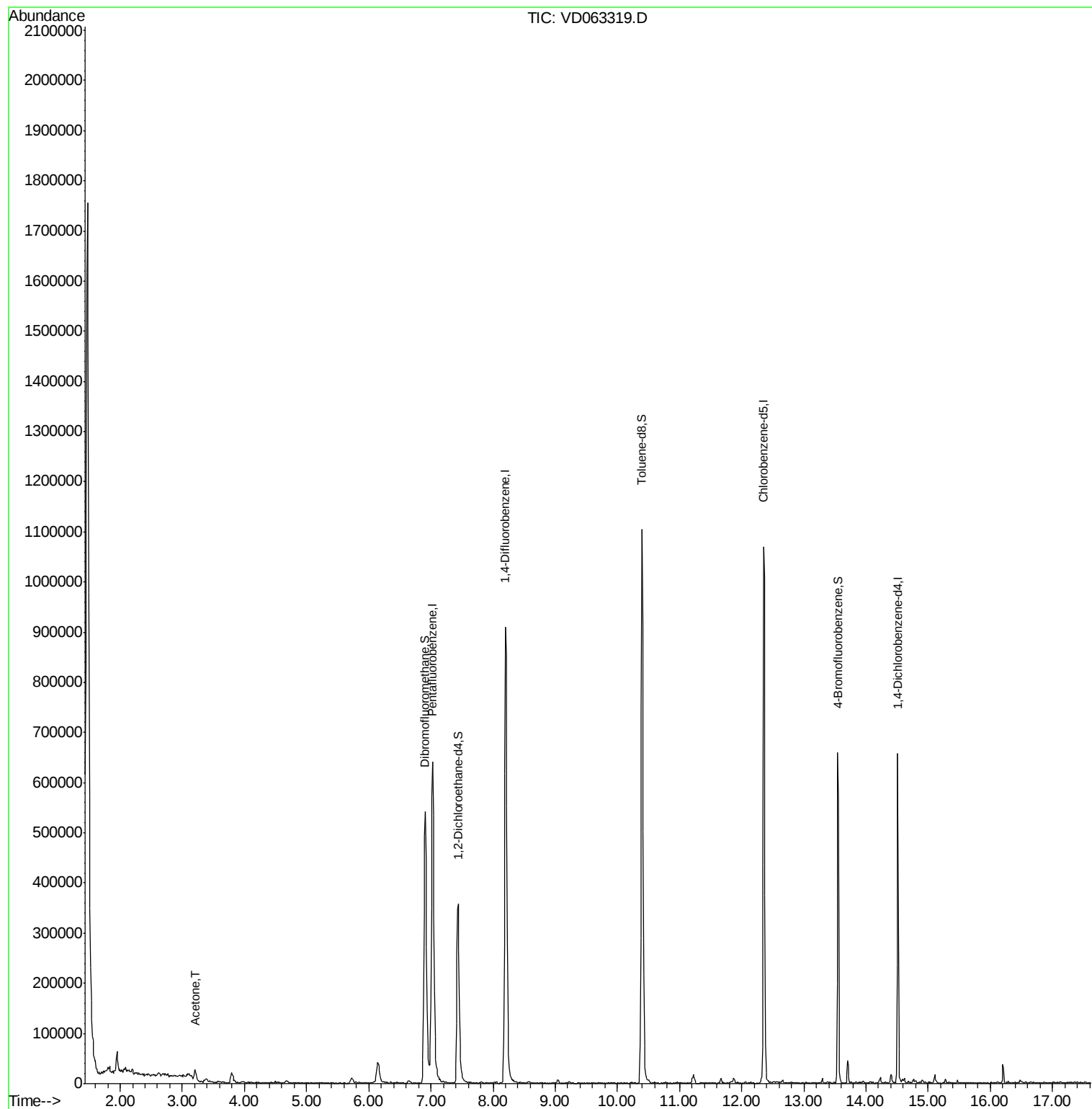
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	630469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1010897	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	609385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	139240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	417547	59.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.38%	
35) Dibromofluoromethane	6.91	113	484679	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
50) Toluene-d8	10.39	98	859327	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
62) 4-Bromofluorobenzene	13.54	95	188634	21.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.86%	
Target Compounds						
16) Acetone	3.21	43	49021	35.965	ug/l #	Qvalue 86

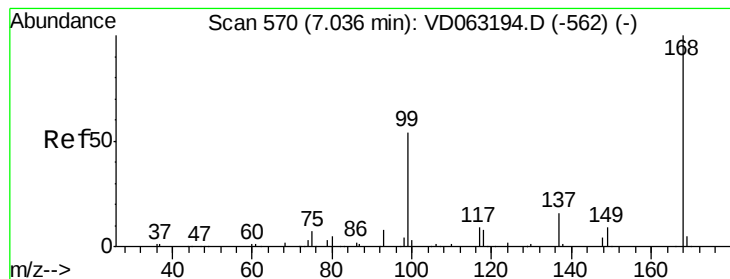
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063319.D

Acq: 2 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

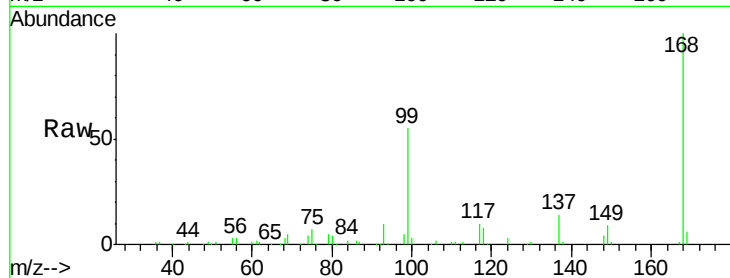
SW-2RE

Tot Ion:168 Resp: 630469

Ion Ratio Lower Upper

168 100

99 55.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

150000

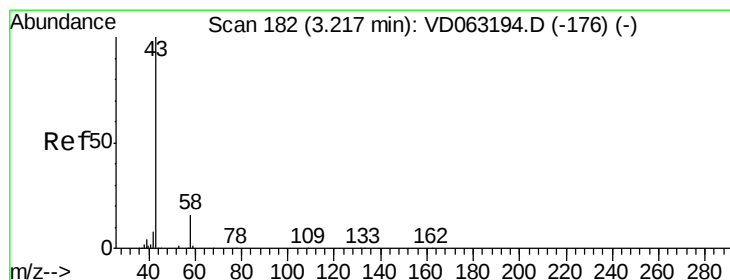
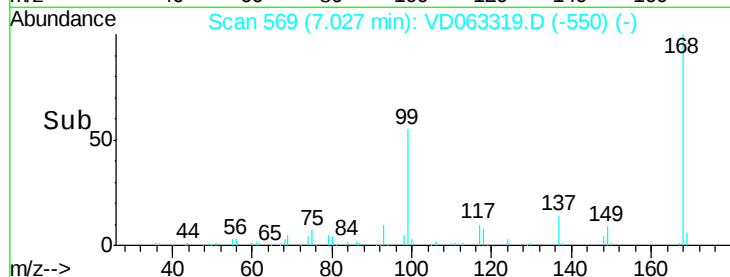
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 35.965 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063319.D

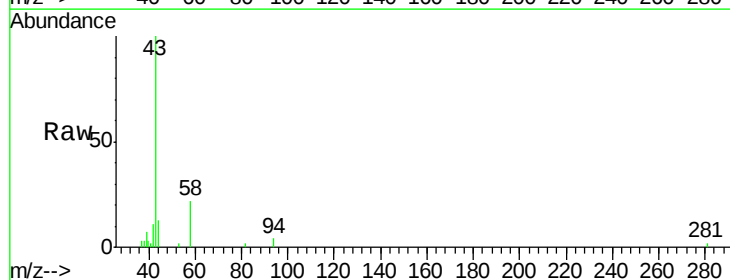
Acq: 2 Aug 2019 16:22

Tgt Ion: 43 Resp: 49021

Ion Ratio Lower Upper

43 100

58 22.2 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

15000

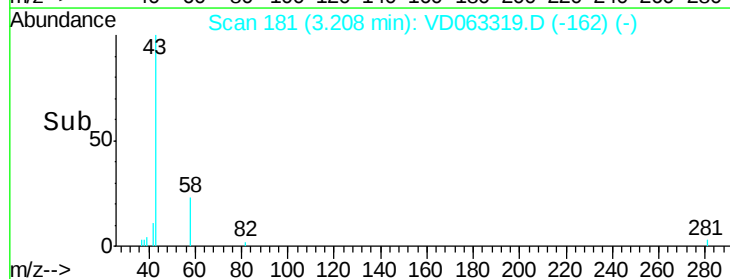
10000

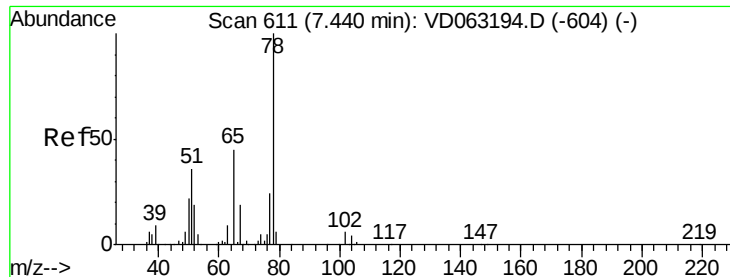
5000

0

3.00 3.10 3.20 3.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.687 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063319.D

Acq: 2 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

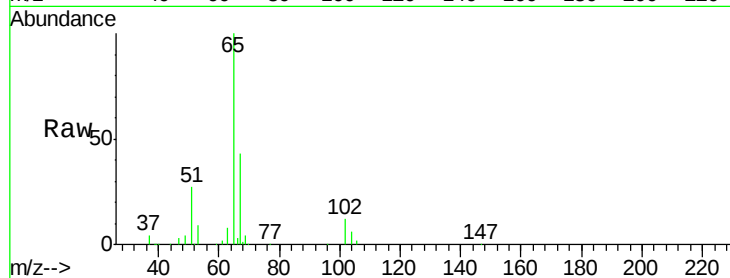
SW-2RE

Tot Ion: 65 Resp: 417547

Ion Ratio Lower Upper

65 100

67 43.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

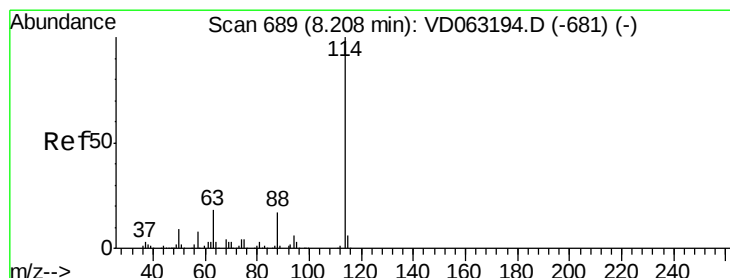
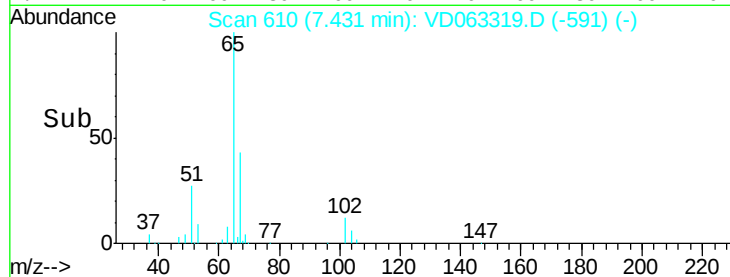
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063319.D

Acq: 2 Aug 2019 16:22

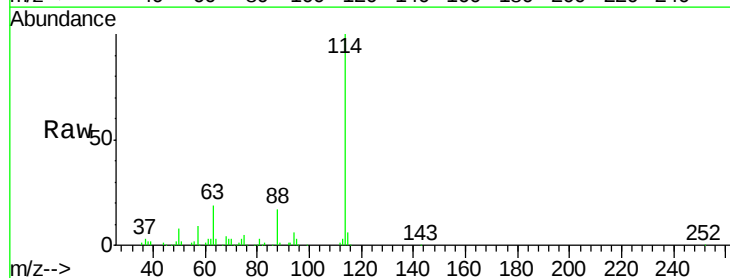
Tgt Ion: 114 Resp: 1010897

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.2

88 17.4 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.20

500000

400000

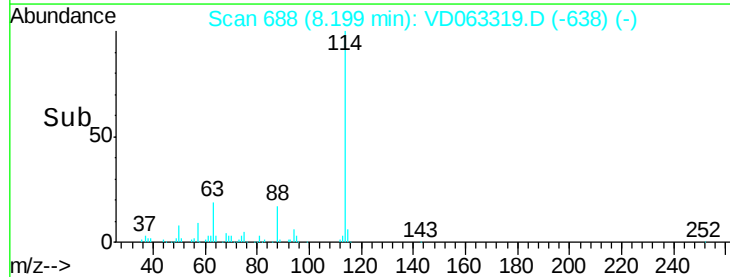
300000

200000

100000

0

Time-->

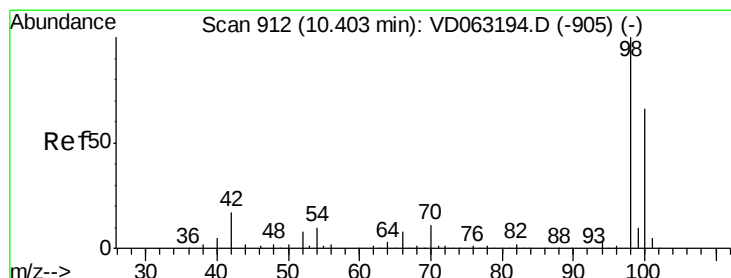
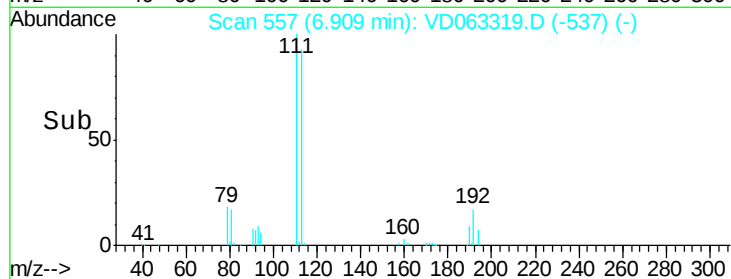
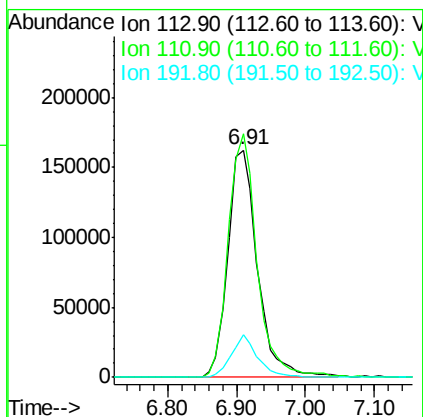
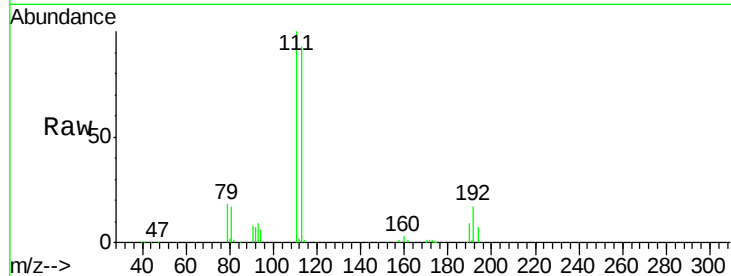




#35
 Dibromofluoromethane
 Concen: 56.156 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD063319.D
 Acq: 2 Aug 2019 16:22

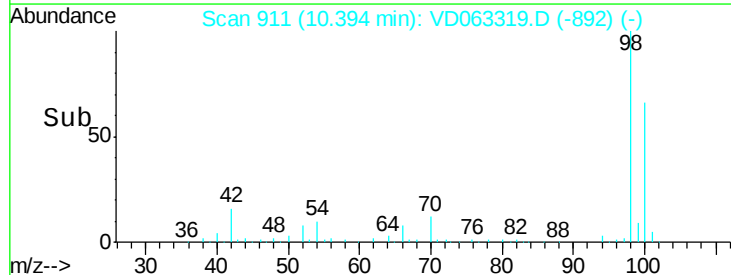
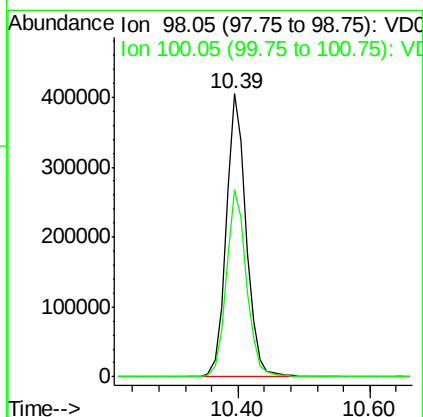
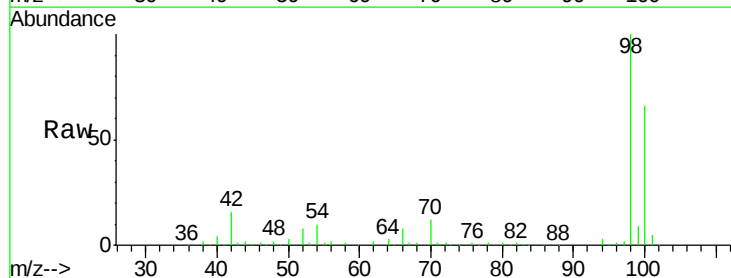
Instrument :
 MSVOA_D
 ClientSampleId :
 SW-2RE

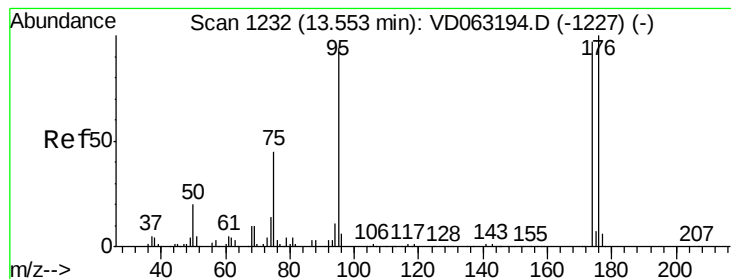
Tot Ion:113 Resp: 484679
 Ion Ratio Lower Upper
 113 100
 111 107.0 83.2 124.8
 192 18.7 11.8 17.8#



#50
 Toluene-d8
 Concen: 44.488 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: VD063319.D
 Acq: 2 Aug 2019 16:22

Tgt Ion: 98 Resp: 859327
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 21.430 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063319.D

Acq: 2 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

SW-2RE

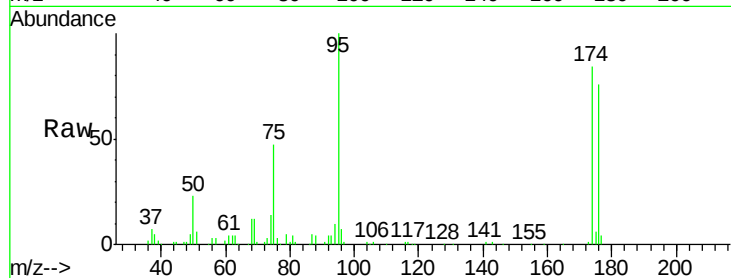
Tot Ion: 95 Resp: 188634

Ion Ratio Lower Upper

95 100

174 83.9 0.0 205.4

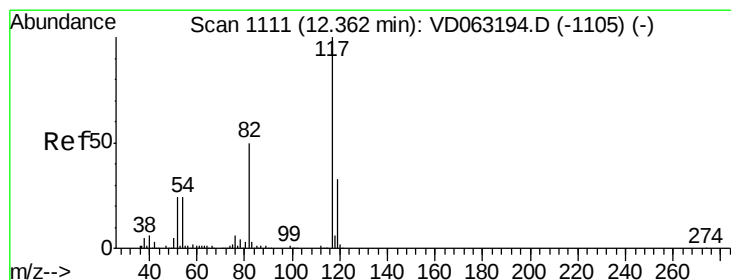
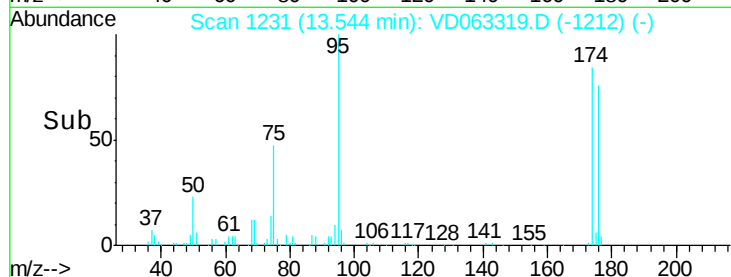
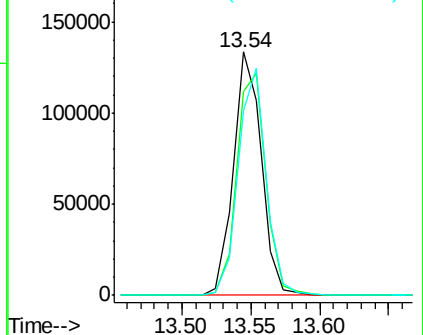
176 75.8 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD063319.D

Acq: 2 Aug 2019 16:22

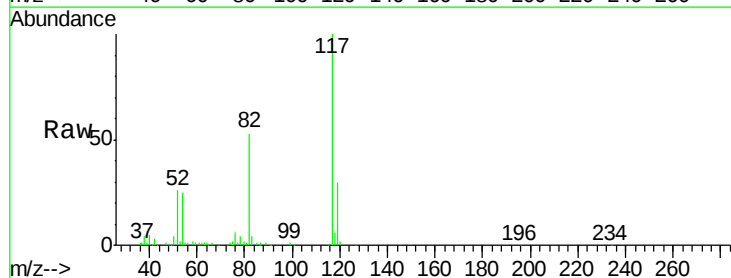
Tgt Ion: 117 Resp: 609385

Ion Ratio Lower Upper

117 100

82 53.3 40.1 60.1

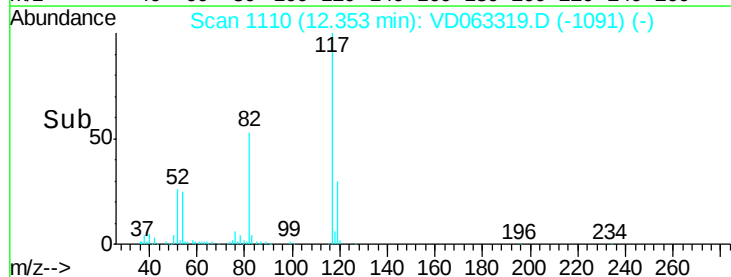
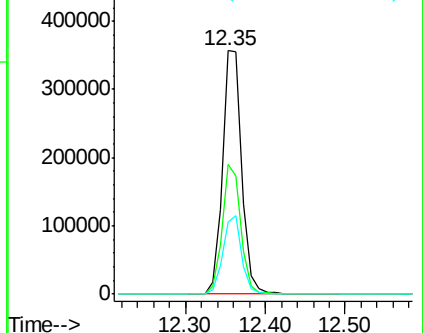
119 29.8 26.5 39.7

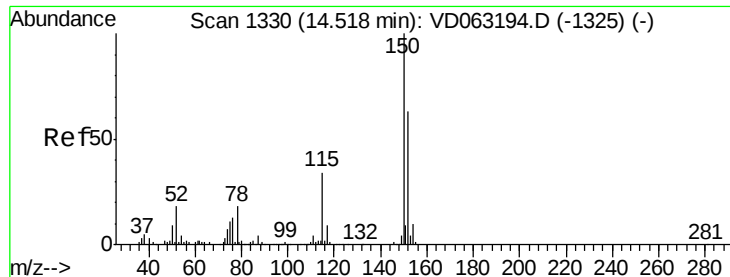


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063319.D

Acq: 2 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

SW-2RE

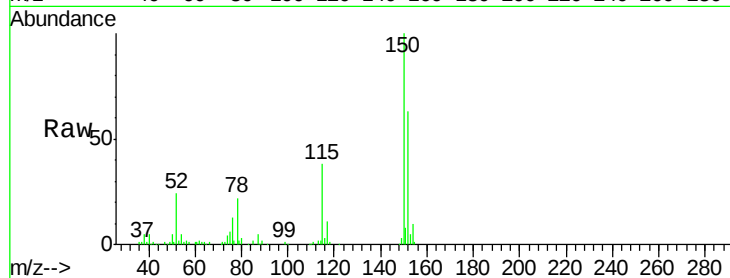
Tot Ion:152 Resp: 139240

Ion Ratio Lower Upper

152 100

115 59.6 27.5 82.4

150 158.9 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

