

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD080219\
 Data File : VD063318.D
 Acq On : 2 Aug 2019 15:55
 Operator : VA/AP
 Sample : K4120-10RE
 Misc : 4.89g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-4RE

Quant Time: Aug 14 05:17:17 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

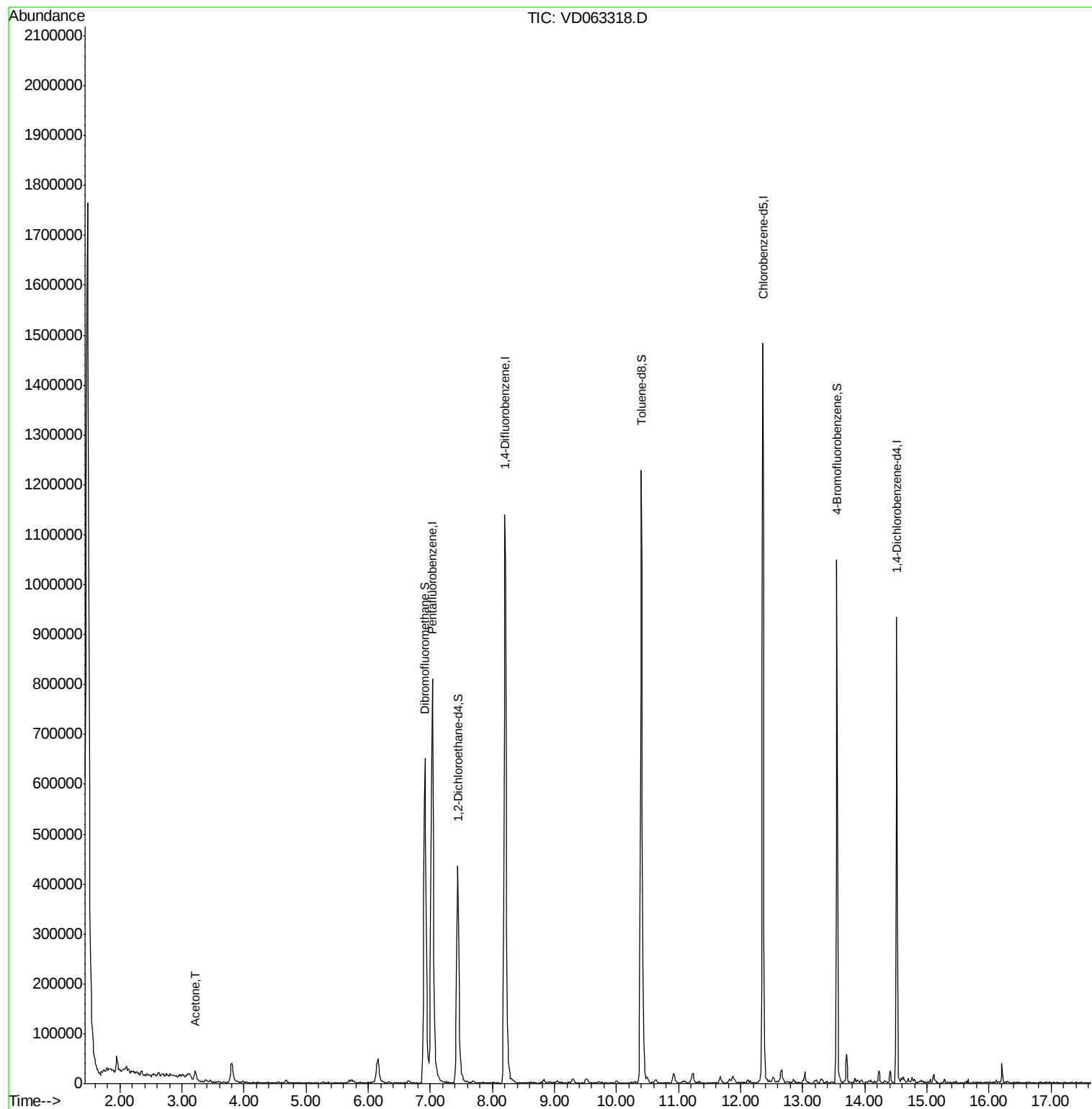
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	806940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1199102	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	791082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	192395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	493267	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
35) Dibromofluoromethane	6.91	113	566030	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
50) Toluene-d8	10.40	98	992060	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
62) 4-Bromofluorobenzene	13.55	95	266454	25.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.04%	
Target Compounds						
16) Acetone	3.21	43	45046	25.821	ug/l	Qvalue 98

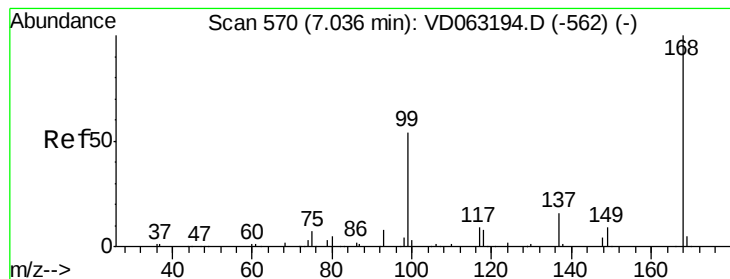
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063318.D

Acq: 2 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

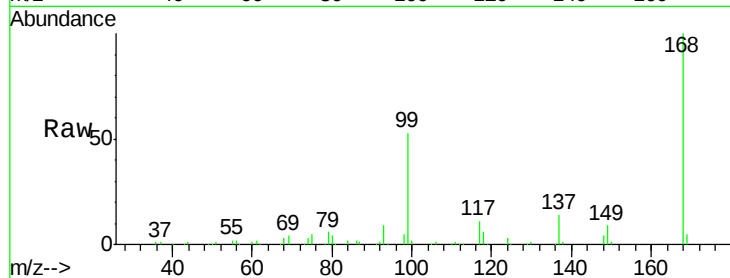
SW-4RE

Tot Ion:168 Resp: 806940

Ion Ratio Lower Upper

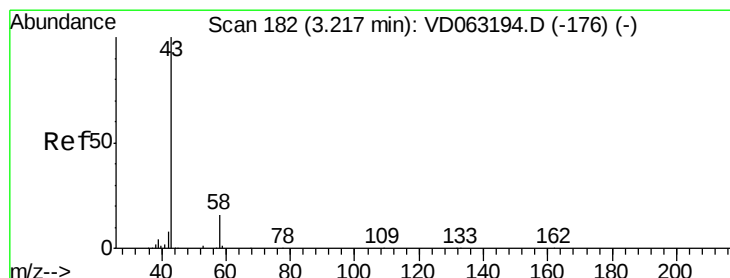
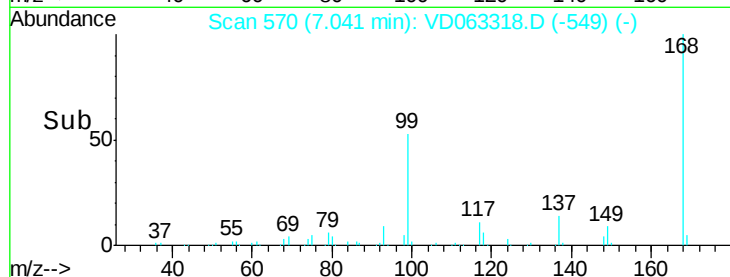
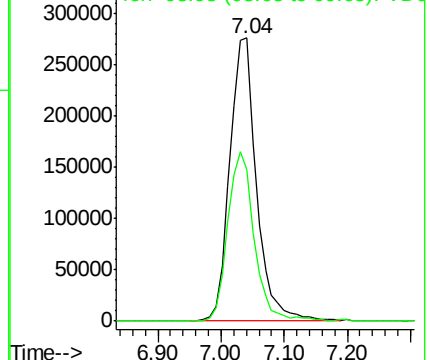
168 100

99 53.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 25.821 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063318.D

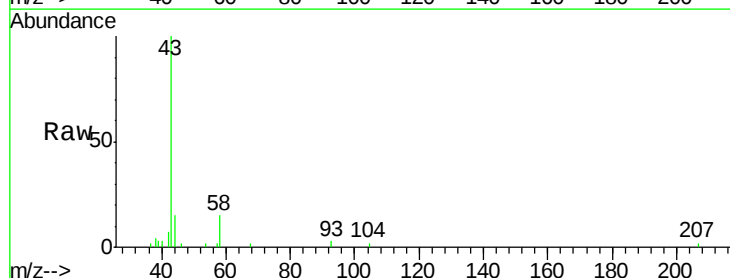
Acq: 2 Aug 2019 15:55

Tgt Ion: 43 Resp: 45046

Ion Ratio Lower Upper

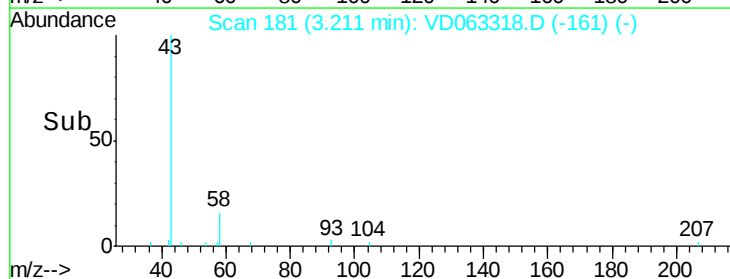
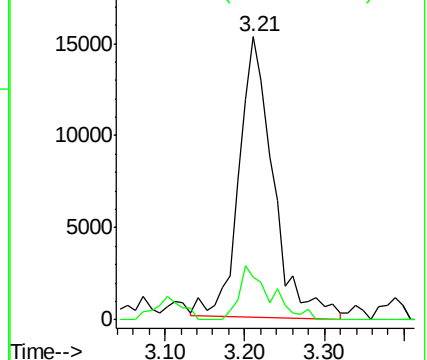
43 100

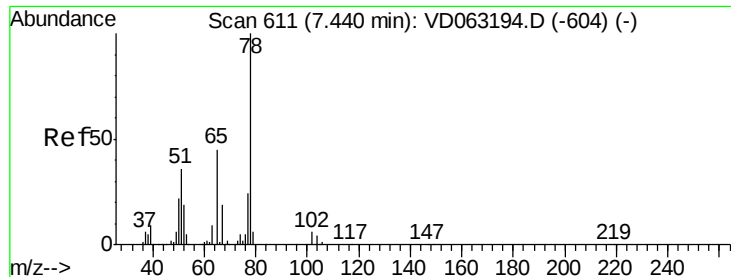
58 15.2 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

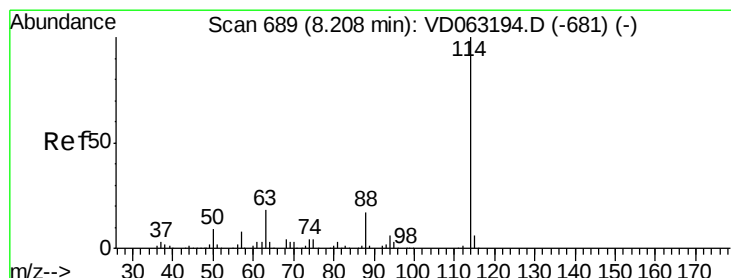
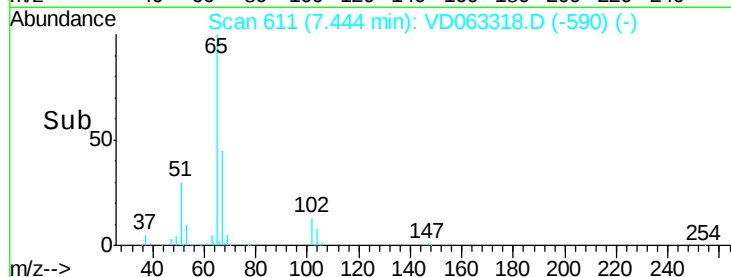
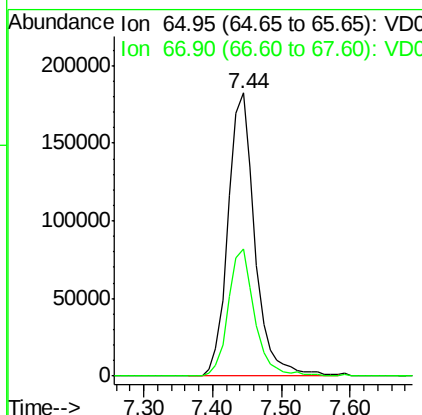
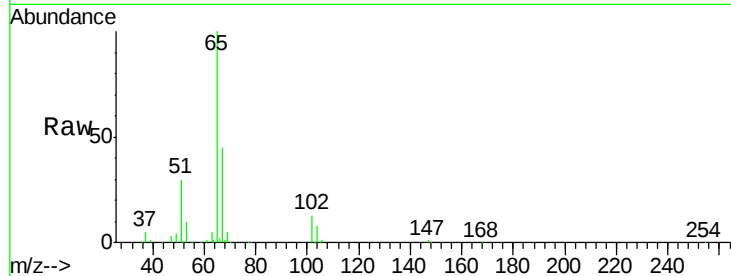




#33
 1,2-Dichloroethane-d4
 Concen: 55.090 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD063318.D
 Acq: 2 Aug 2019 15:55

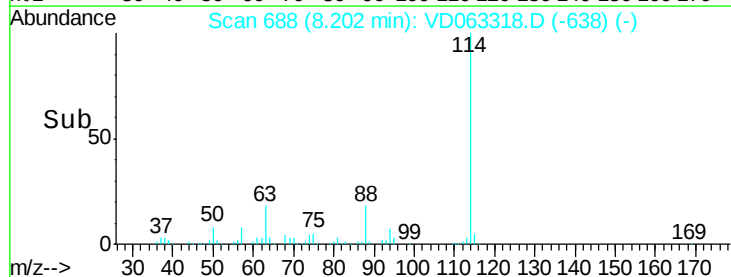
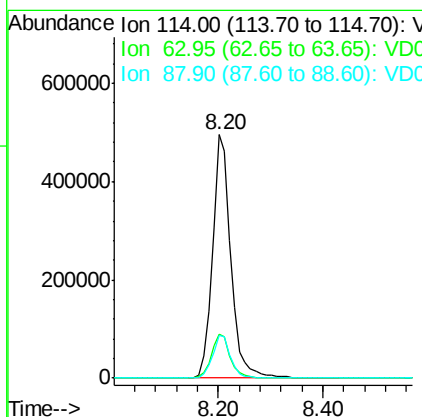
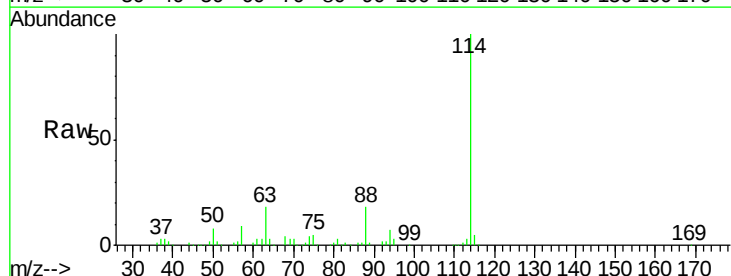
Instrument :
 MSVOA_D
 ClientSampleId :
 SW-4RE

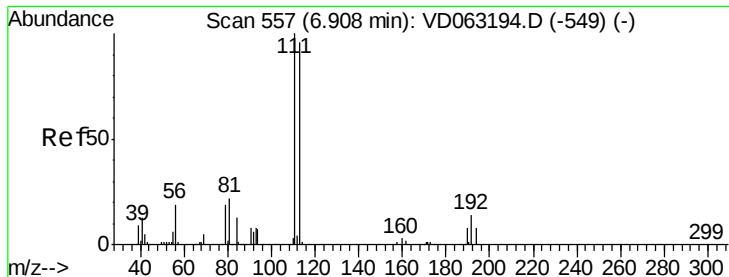
Tot Ion: 65 Resp: 493267
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD063318.D
 Acq: 2 Aug 2019 15:55

Tgt Ion: 114 Resp: 1199102
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 17.8 0.0 34.6





#35

Dibromofluoromethane

Concen: 55.288 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063318.D

Acq: 2 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

SW-4RE

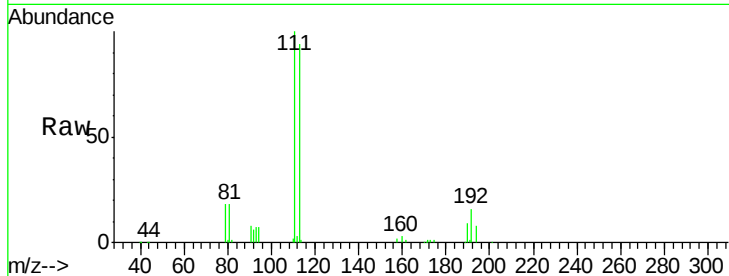
Tot Ion:113 Resp: 566030

Ion Ratio Lower Upper

113 100

111 106.1 83.2 124.8

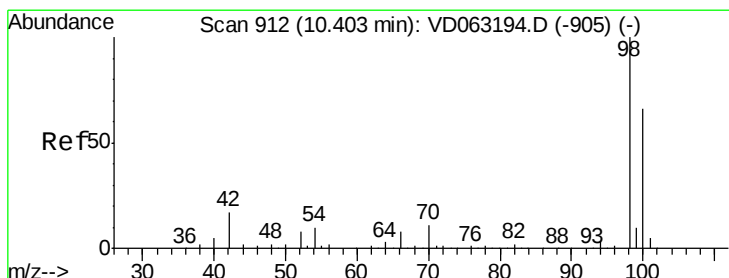
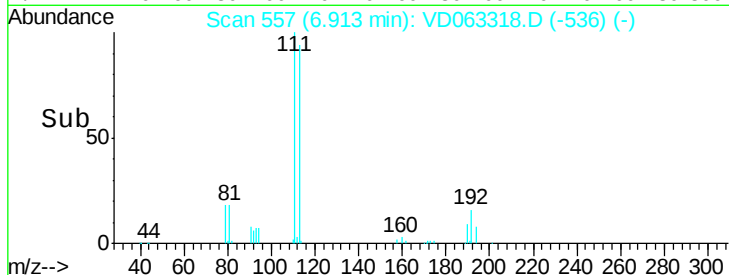
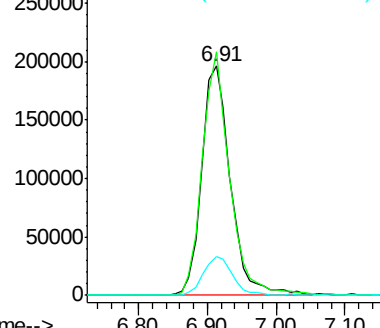
192 17.2 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 43.299 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063318.D

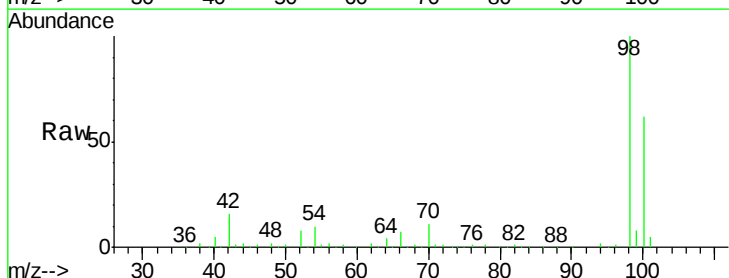
Acq: 2 Aug 2019 15:55

Tgt Ion: 98 Resp: 992060

Ion Ratio Lower Upper

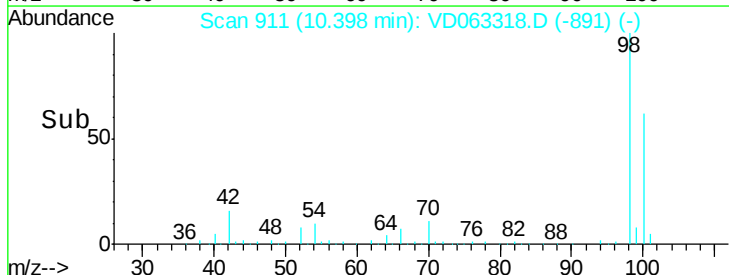
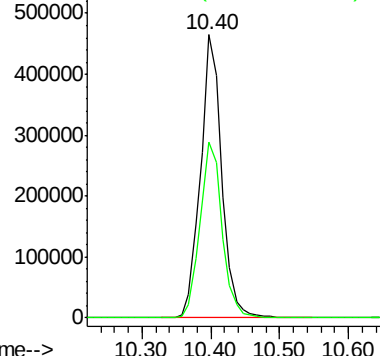
98 100

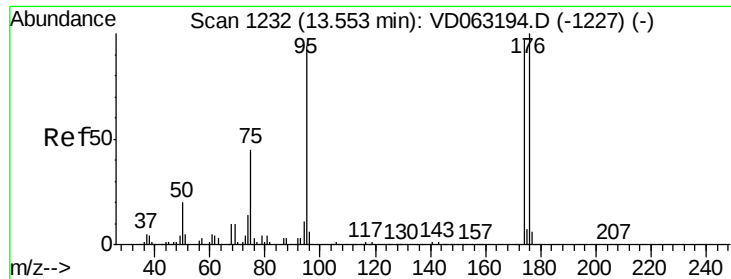
100 62.2 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 25.520 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063318.D

Acq: 2 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

SW-4RE

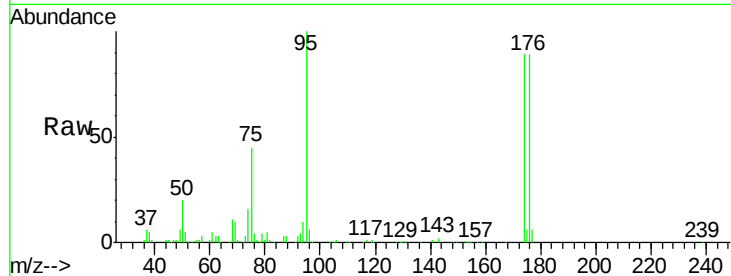
Tot Ion: 95 Resp: 266454

Ion Ratio Lower Upper

95 100

174 88.5 0.0 205.4

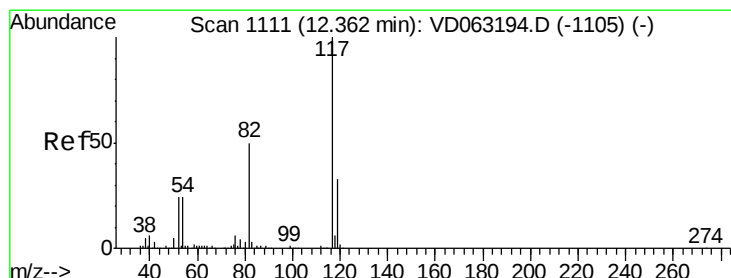
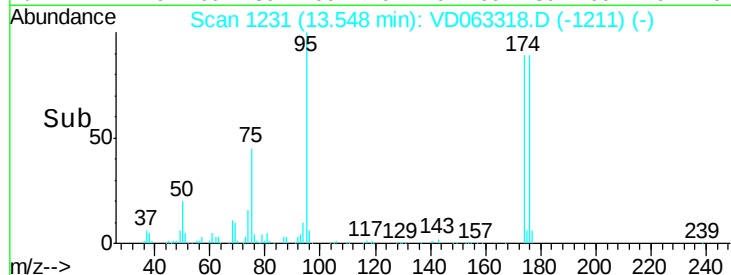
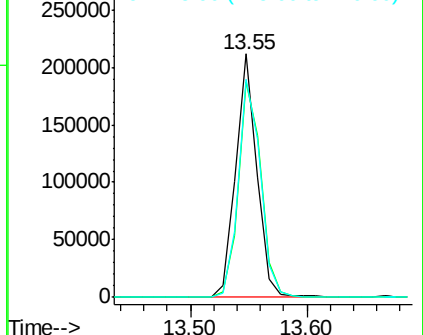
176 89.5 0.0 211.8



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: 12.36 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD063318.D

Acq: 2 Aug 2019 15:55

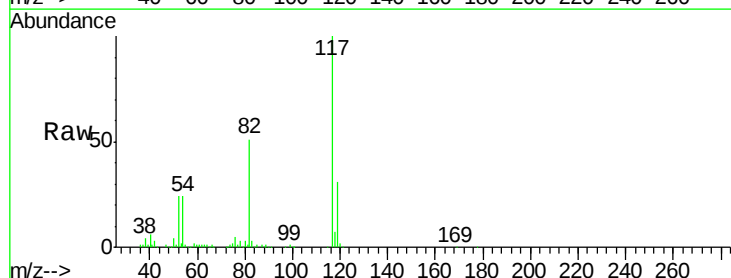
Tgt Ion: 117 Resp: 791082

Ion Ratio Lower Upper

117 100

82 50.7 40.1 60.1

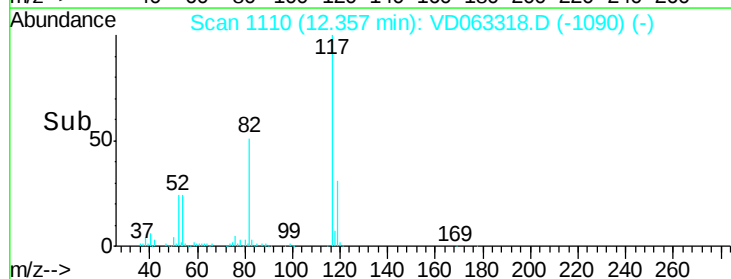
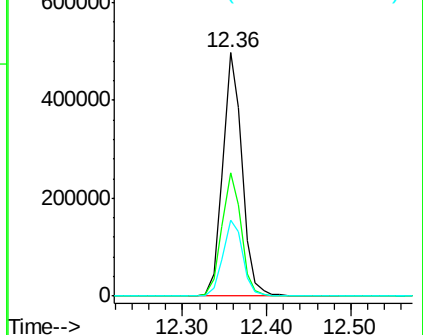
119 31.3 26.5 39.7

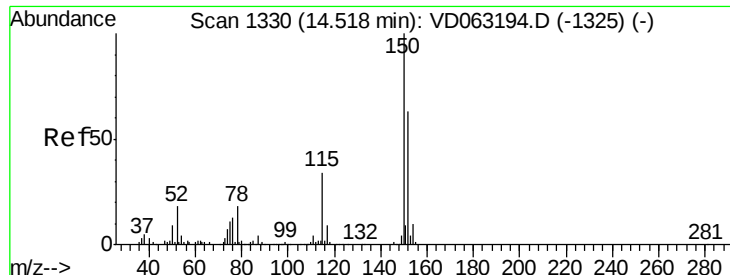


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063318.D

Acq: 2 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

SW-4RE

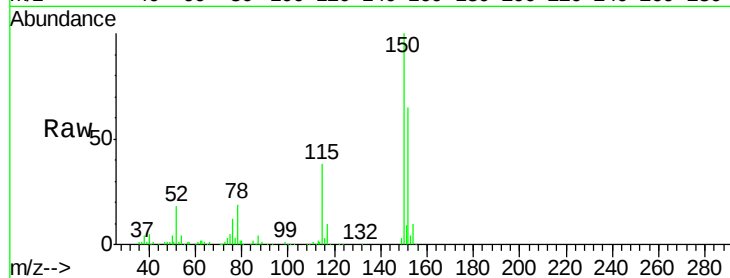
Tot Ion:152 Resp: 192395

Ion Ratio Lower Upper

152 100

115 58.3 27.5 82.4

150 154.6 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

