

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063313.D
 Acq On : 2 Aug 2019 13:39
 Operator : VA/AP
 Sample : K4120-03RE
 Misc : 5.23g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-3RE

Quant Time: Aug 04 04:11:32 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

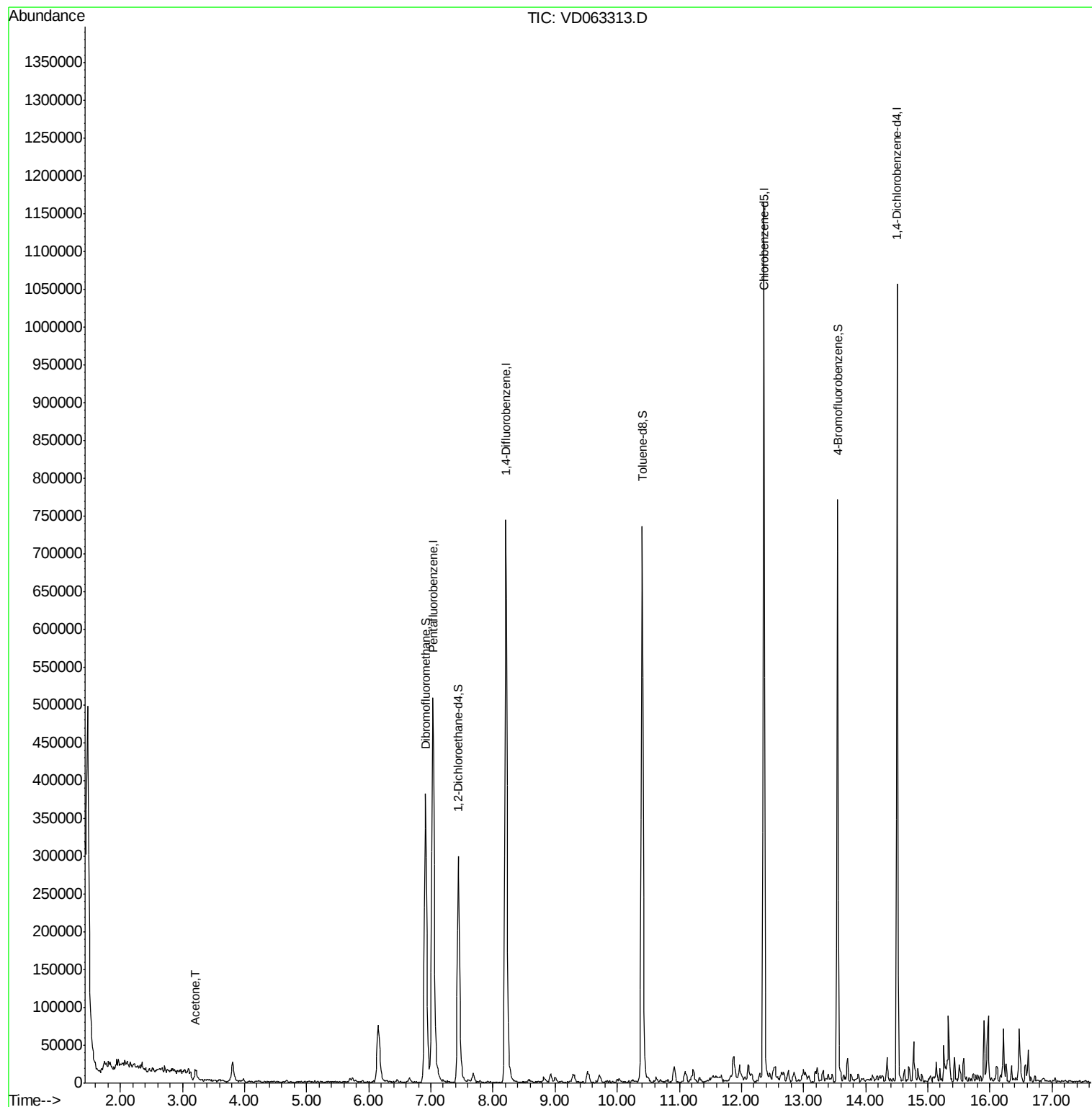
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	525232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	807682	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	615919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	228873	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	327861	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	6.92	113	337304	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.40	98	608136	39.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.82%	
62) 4-Bromofluorobenzene	13.54	95	231107	32.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	65.72%	
Target Compounds						
16) Acetone	3.21	43	29093	25.621	ug/l #	Qvalue 88

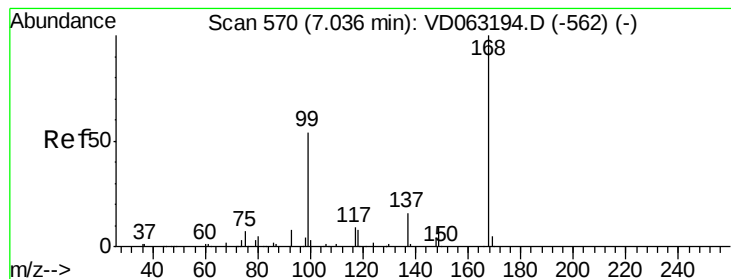
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

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Acq: 2 Aug 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

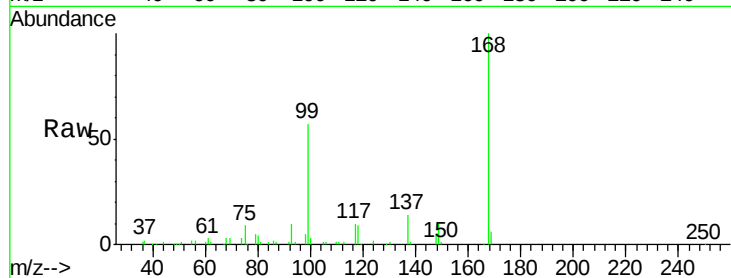
T1-3RE

Tot Ion:168 Resp: 525232

Ion Ratio Lower Upper

168 100

99 57.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

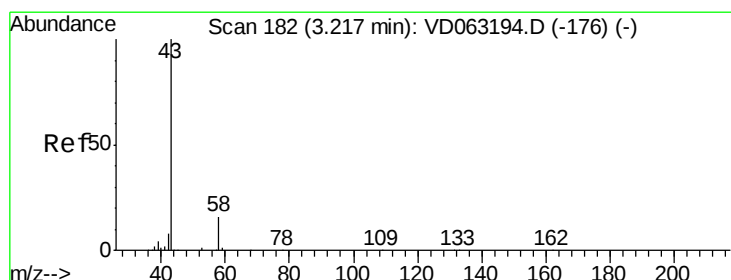
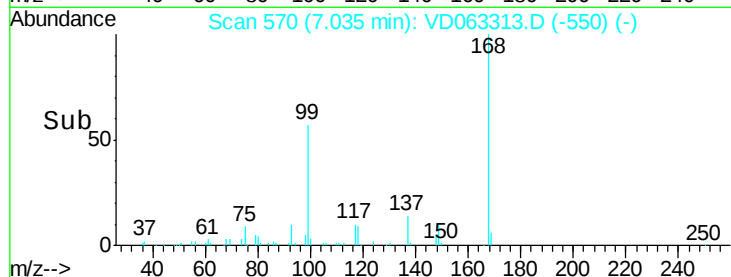
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 25.621 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063313.D

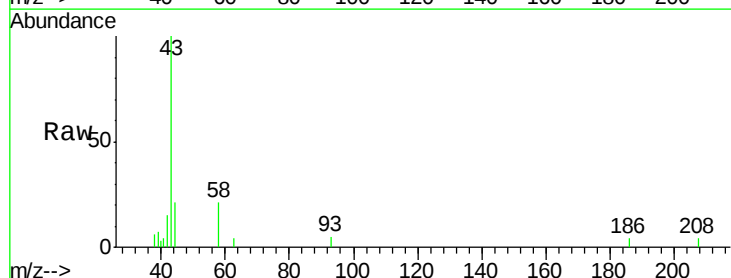
Acq: 2 Aug 2019 13:39

Tgt Ion: 43 Resp: 29093

Ion Ratio Lower Upper

43 100

58 21.1 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

10000

8000

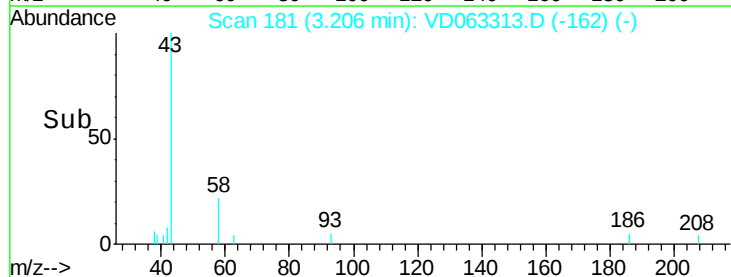
6000

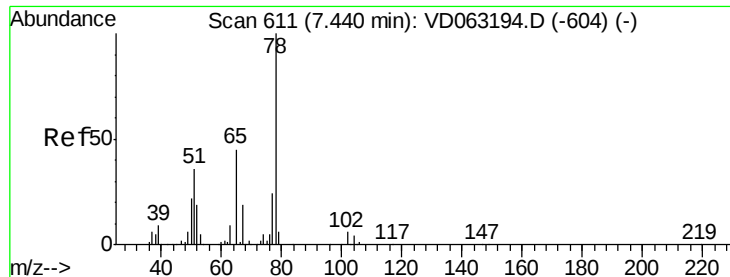
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.257 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063313.D

Acq: 2 Aug 2019 13:39

Instrument :

MSVOA_D

ClientSampled :

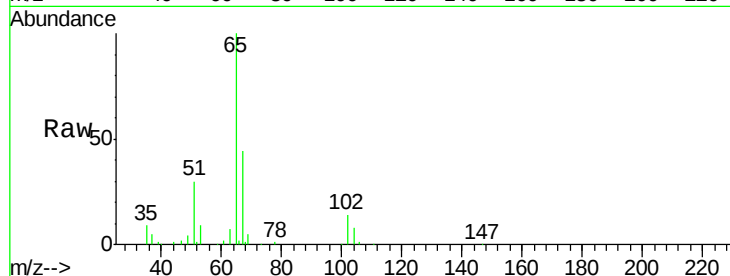
T1-3RE

Tot Ion: 65 Resp: 327861

Ion Ratio Lower Upper

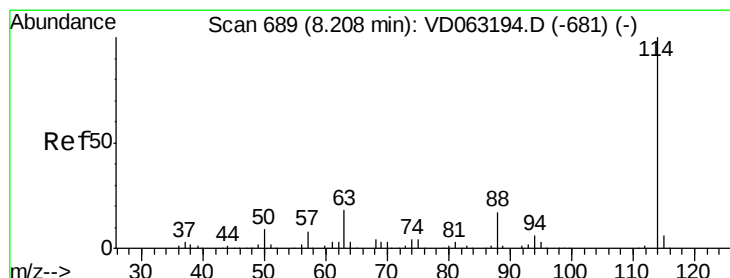
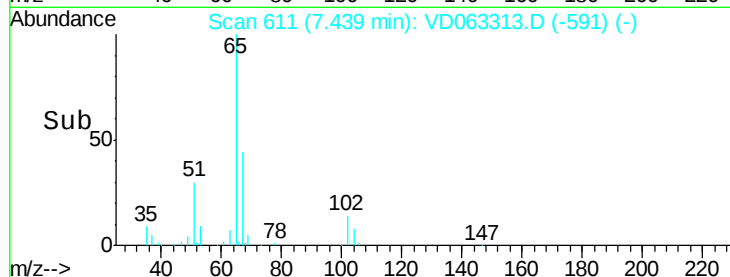
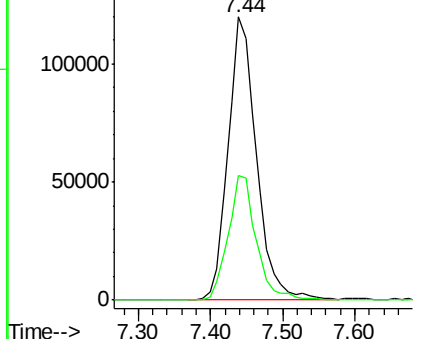
65 100

67 44.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063313.D

Acq: 2 Aug 2019 13:39

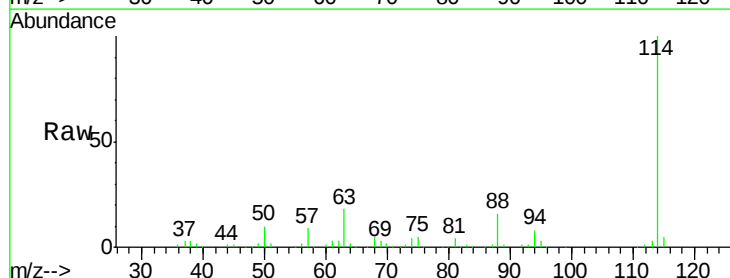
Tgt Ion: 114 Resp: 807682

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

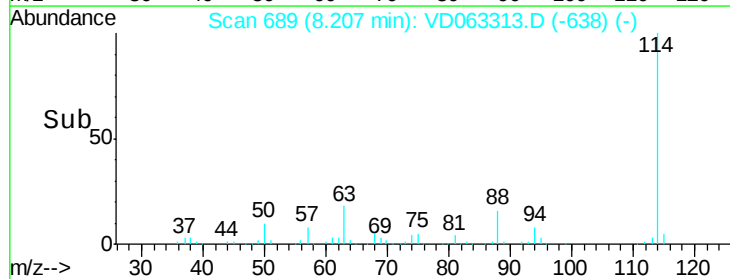
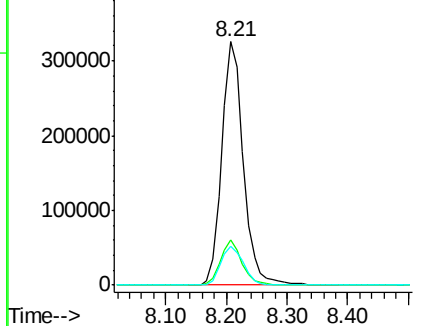
88 15.9 0.0 34.6



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





#35

Dibromofluoromethane

Concen: 48.914 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063313.D

Acq: 2 Aug 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

T1-3RE

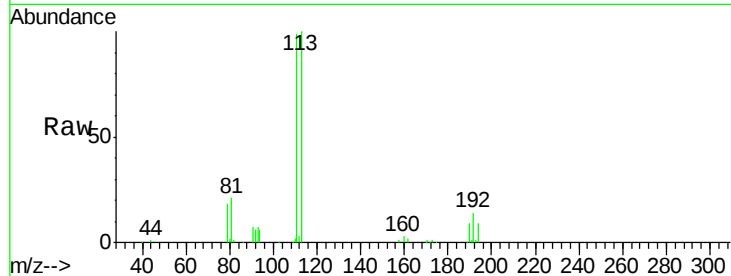
Tot Ion:113 Resp: 337304

Ion Ratio Lower Upper

113 100

111 99.0 83.2 124.8

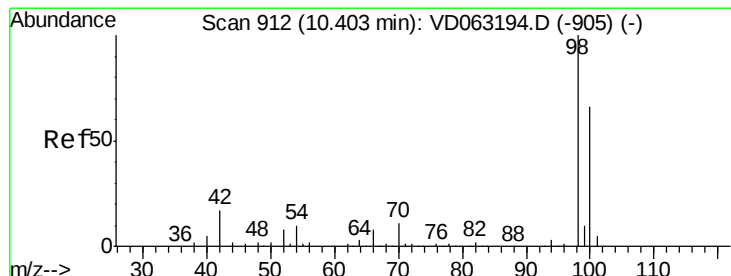
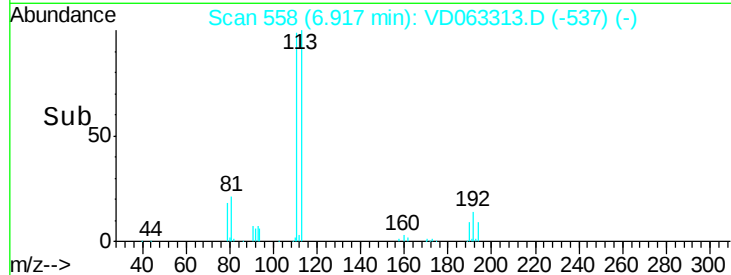
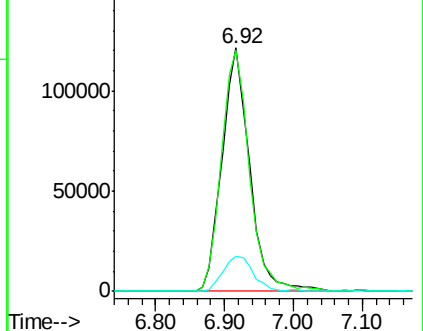
192 14.2 11.8 17.8



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: 39.405 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063313.D

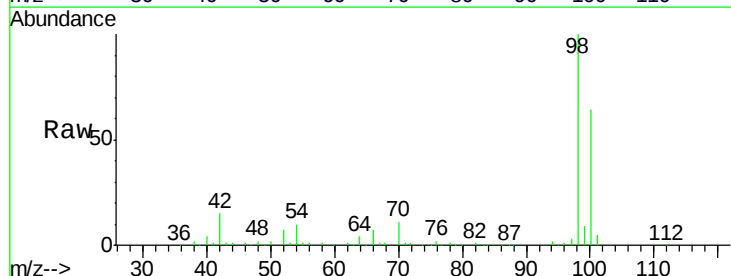
Acq: 2 Aug 2019 13:39

Tgt Ion: 98 Resp: 608136

Ion Ratio Lower Upper

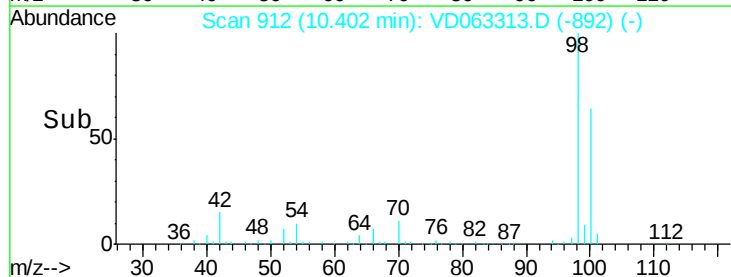
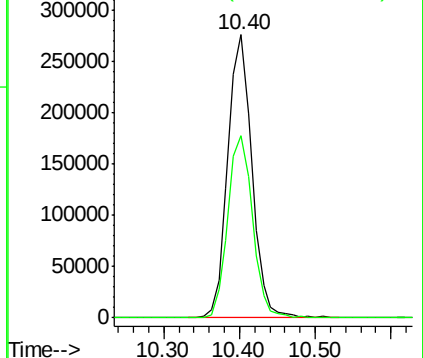
98 100

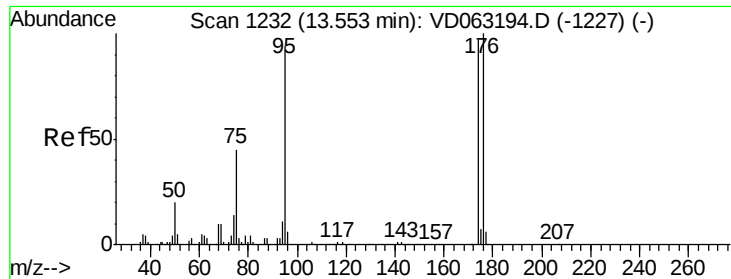
100 64.2 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 32.862 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063313.D

Acq: 2 Aug 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

T1-3RE

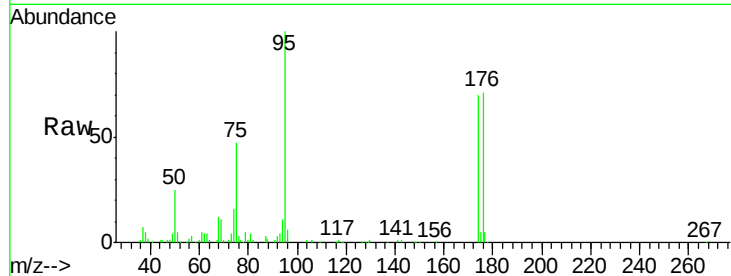
Tot Ion: 95 Resp: 231107

Ion Ratio Lower Upper

95 100

174 70.1 0.0 205.4

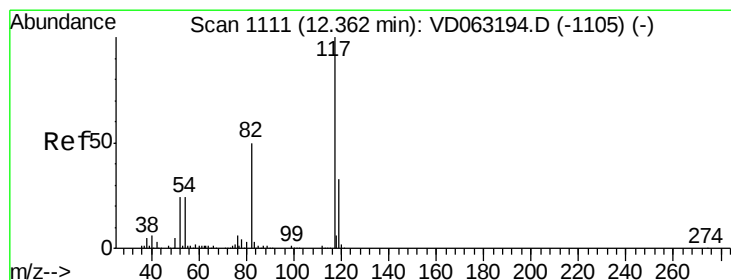
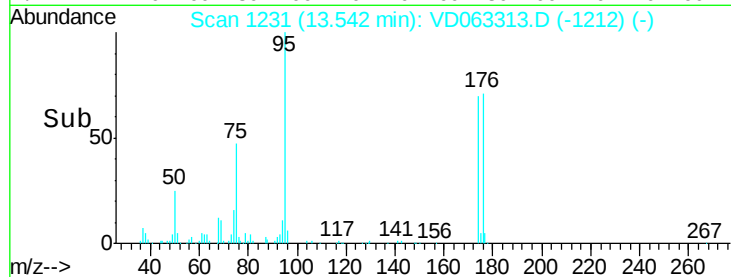
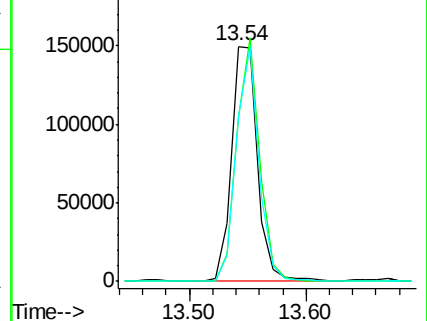
176 70.5 0.0 211.8



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# 1111

Delta R.T. -0.00 min

Lab File: VD063313.D

Acq: 2 Aug 2019 13:39

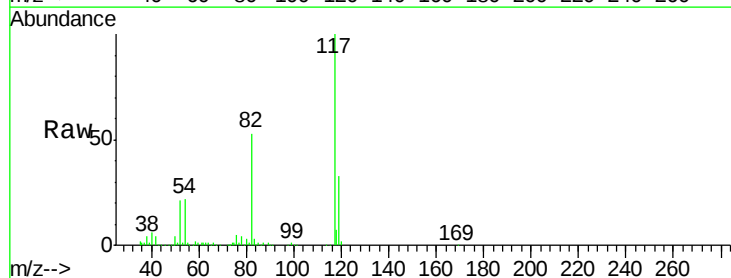
Tgt Ion: 117 Resp: 615919

Ion Ratio Lower Upper

117 100

82 52.8 40.1 60.1

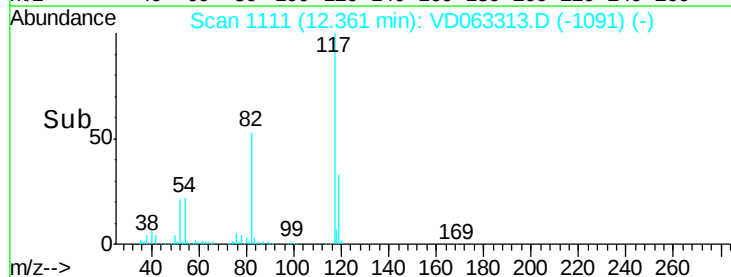
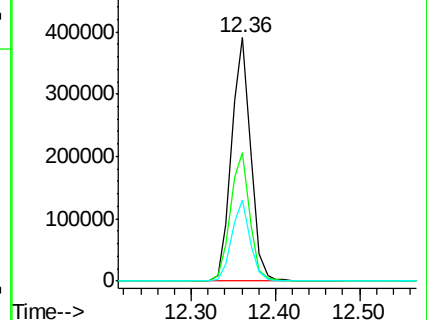
119 33.3 26.5 39.7

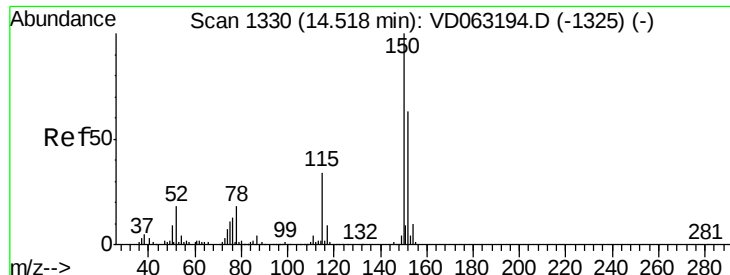


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063313.D

Acq: 2 Aug 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

T1-3RE

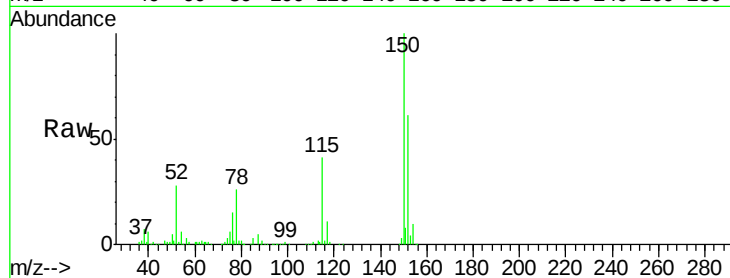
Tot Ion:152 Resp: 228873

Ion Ratio Lower Upper

152 100

115 66.4 27.5 82.4

150 162.7 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

