

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063325.D
 Acq On : 2 Aug 2019 19:07
 Operator : VA/AP
 Sample : K4130-07
 Misc : 5.16g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F1-(30)

Quant Time: Aug 04 04:34:19 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

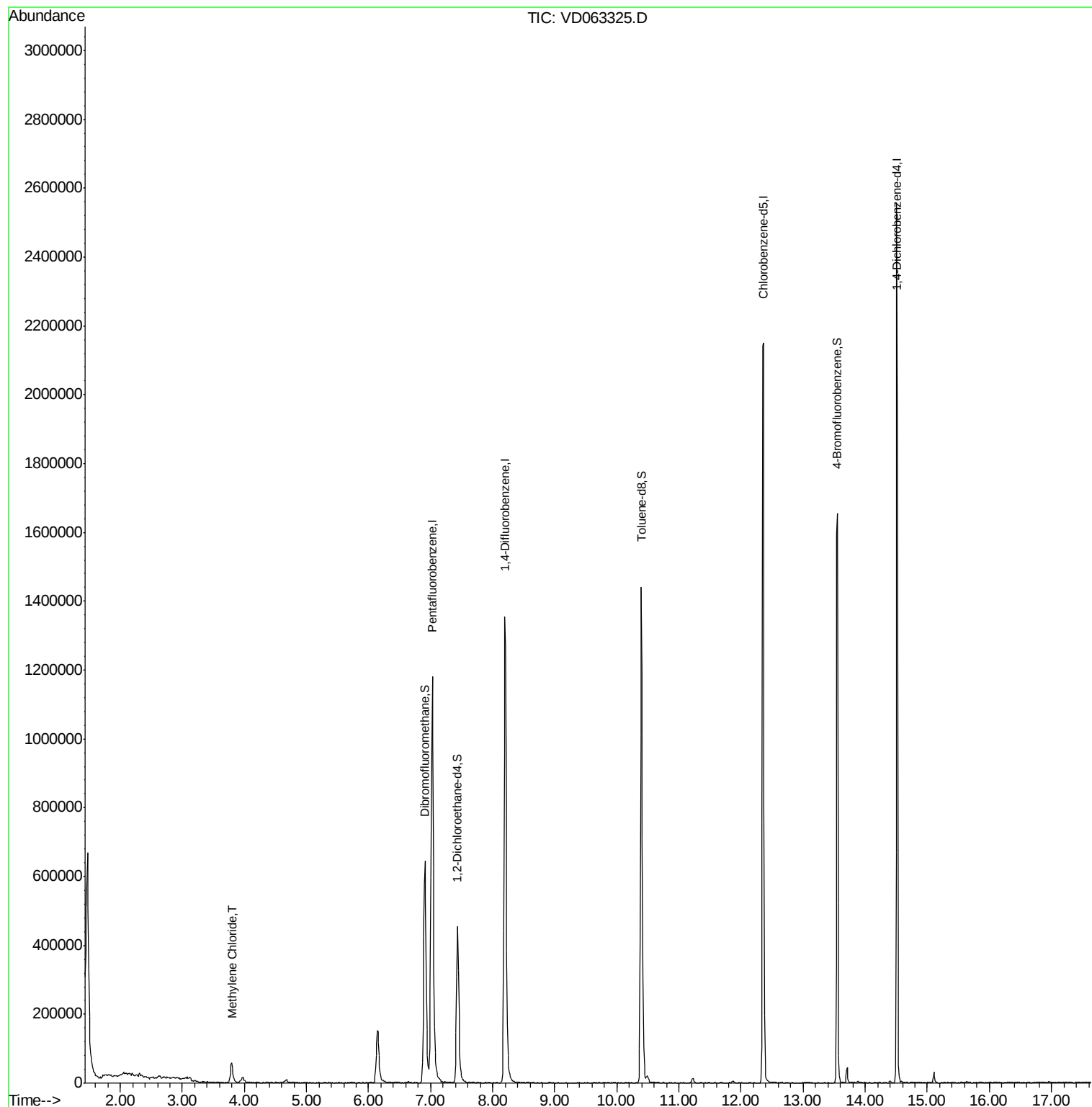
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1107572	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1466461	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1232734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	551701	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	530742	43.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	6.91	113	571276	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
50) Toluene-d8	10.39	98	1177062	42.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.02%	
62) 4-Bromofluorobenzene	13.54	95	484285	37.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.86%	
Target Compounds						
20) Methylene Chloride	3.80	84	30050	3.105	ug/l	Qvalue 96

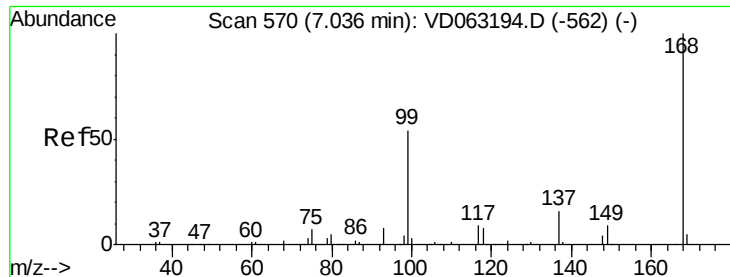
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080219\
Data File : VD063325.D
Acq On : 2 Aug 2019 19:07
Operator : VA/AP
Sample : K4130-07
Misc : 5.16g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1S-F1-(30)

Quant Time: Aug 04 04:34:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063325.D

Acq: 2 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

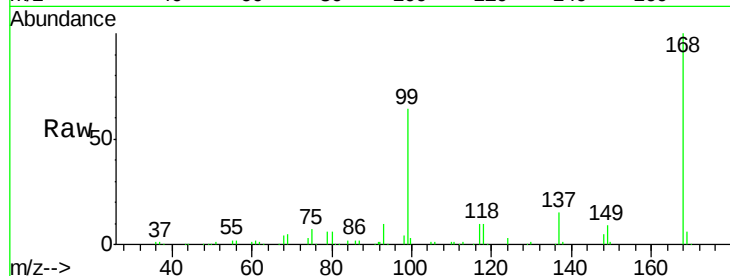
1S-F1-(30)

Tot Ion:168 Resp: 1107572

Ion Ratio Lower Upper

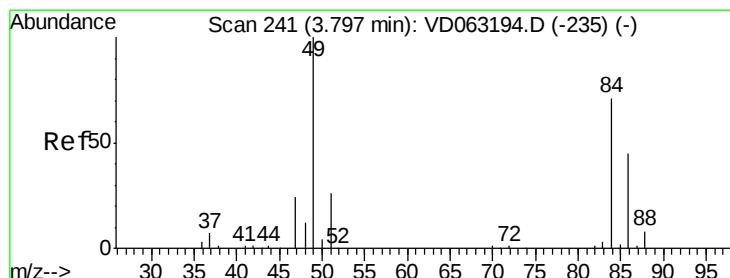
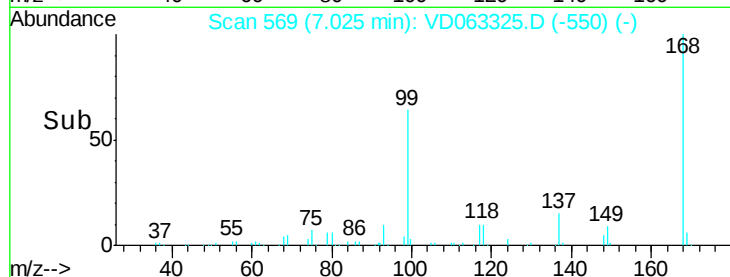
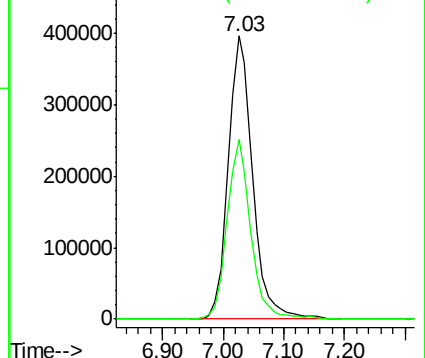
168 100

99 63.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.105 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD063325.D

Acq: 2 Aug 2019 19:07

Tgt Ion: 84 Resp: 30050

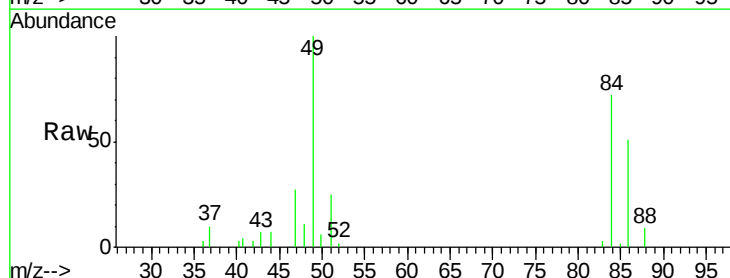
Ion Ratio Lower Upper

84 100

49 138.4 112.5 168.7

51 34.7 29.6 44.4

86 70.6 50.4 75.6

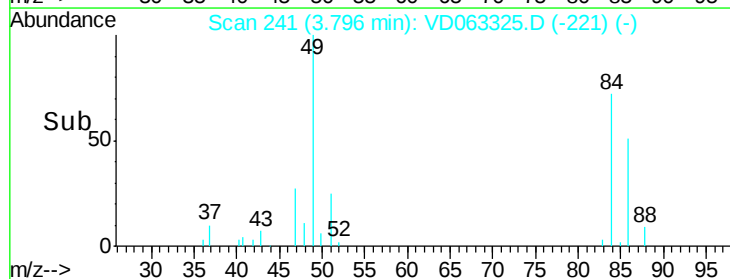
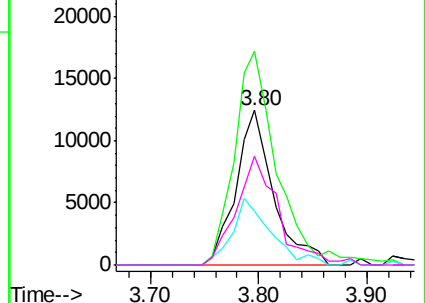


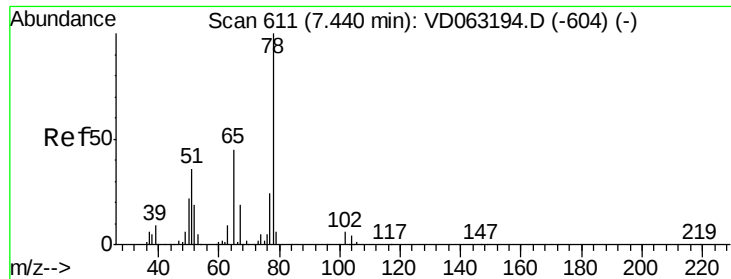
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

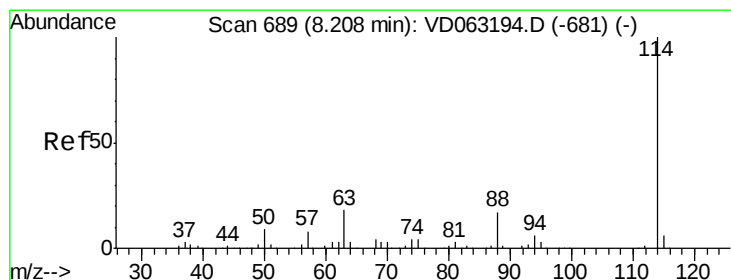
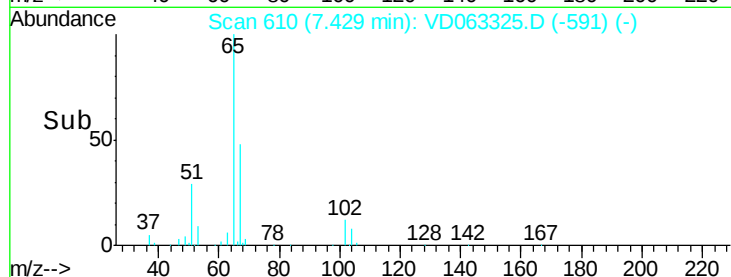
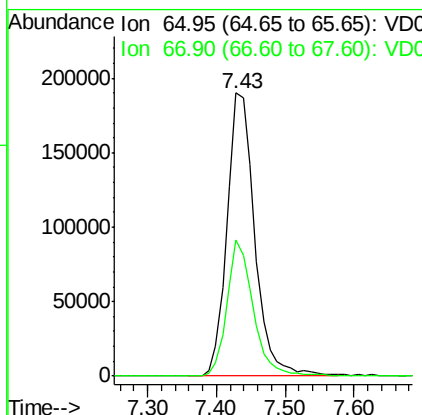
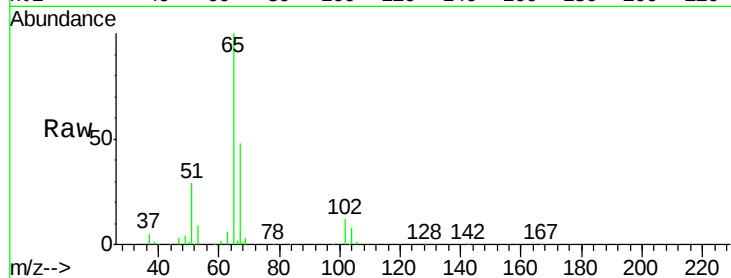




#33
 1,2-Dichloroethane-d4
 Concen: 43.186 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD063325.D
 Acq: 2 Aug 2019 19:07

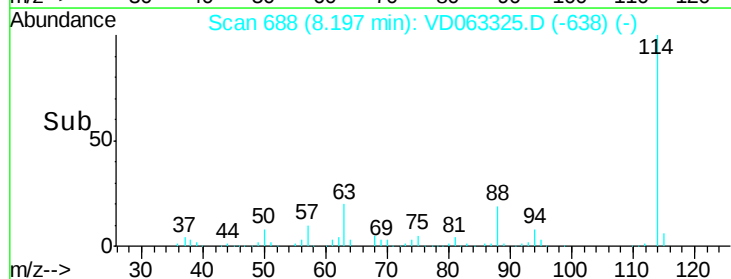
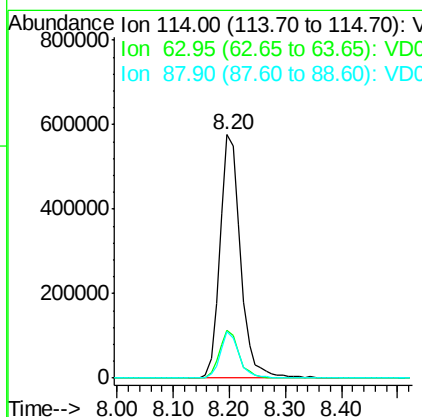
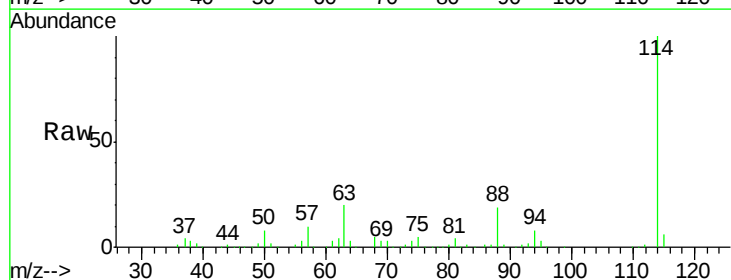
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F1-(30)

Tot Ion: 65 Resp: 530742
 Ion Ratio Lower Upper
 65 100
 67 48.0 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: VD063325.D
 Acq: 2 Aug 2019 19:07

Tgt Ion: 114 Resp: 1466461
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 35.2
 88 18.9 0.0 34.6





#35

Dibromofluoromethane

Concen: 45.627 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD063325.D

Acq: 2 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(30)

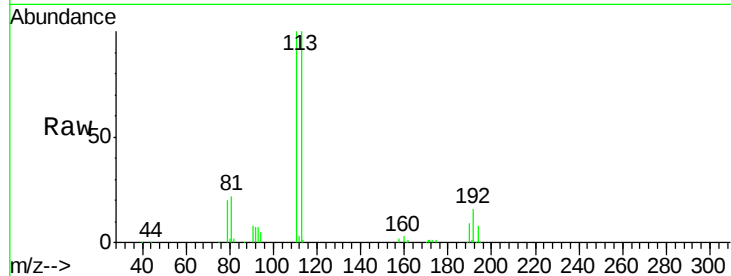
Tot Ion:113 Resp: 571276

Ion Ratio Lower Upper

113 100

111 100.4 83.2 124.8

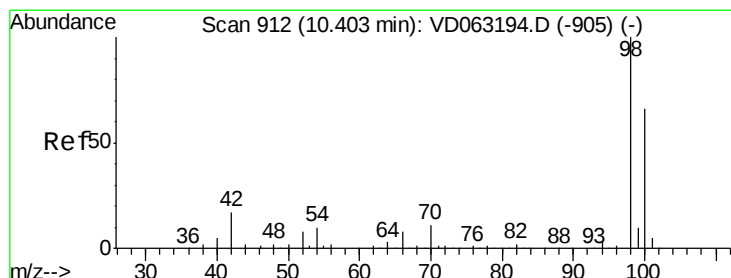
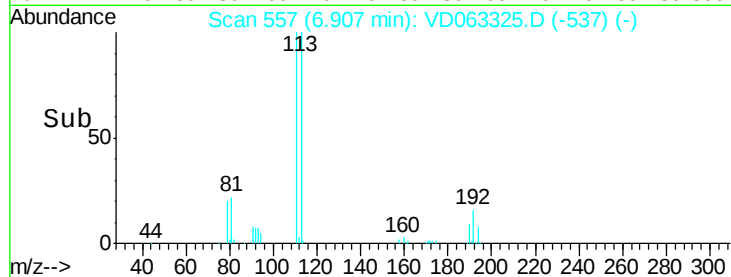
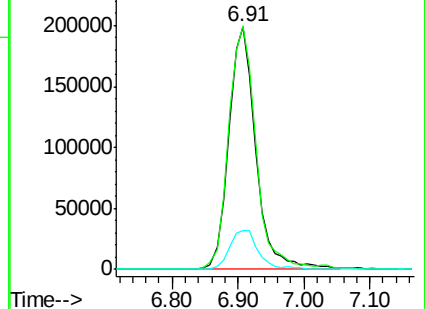
192 15.9 11.8 17.8



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: 42.007 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063325.D

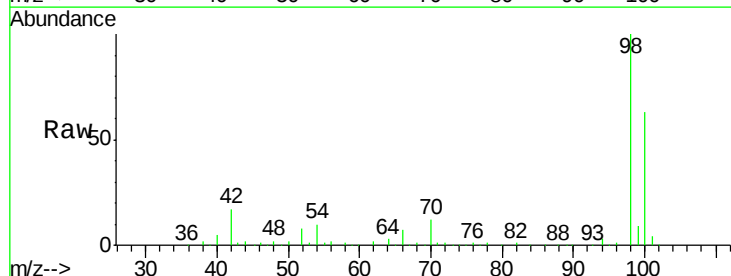
Acq: 2 Aug 2019 19:07

Tgt Ion: 98 Resp: 1177062

Ion Ratio Lower Upper

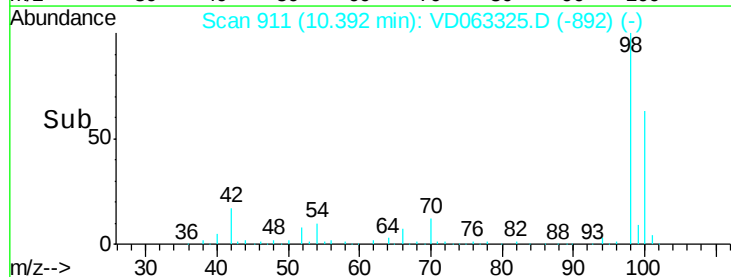
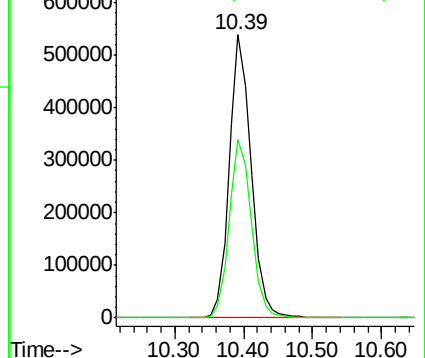
98 100

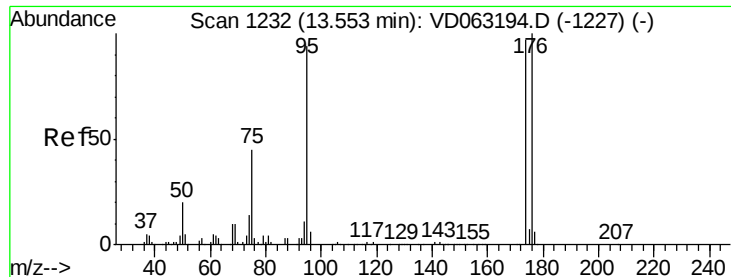
100 63.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 37.927 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063325.D

Acq: 2 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(30)

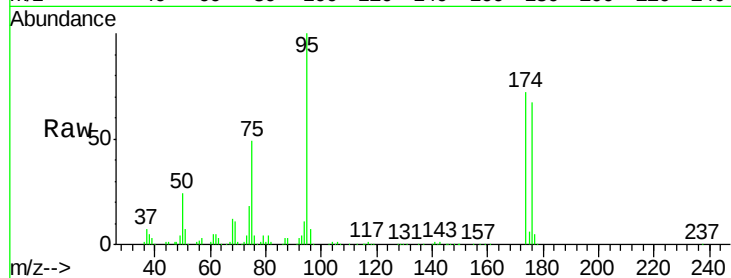
Tot Ion: 95 Resp: 484285

Ion Ratio Lower Upper

95 100

174 71.8 0.0 205.4

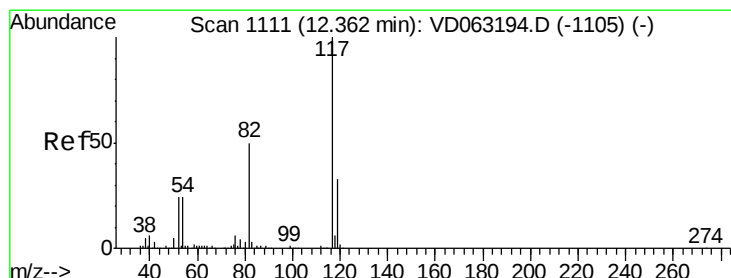
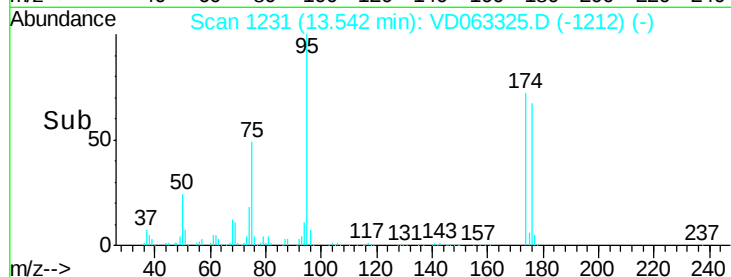
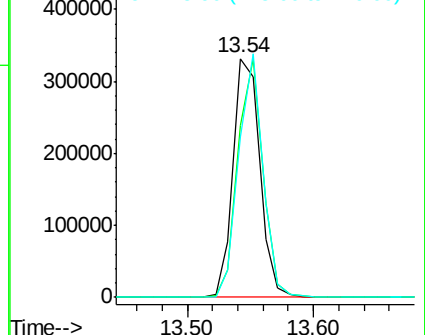
176 67.2 0.0 211.8



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: VD063325.D

Acq: 2 Aug 2019 19:07

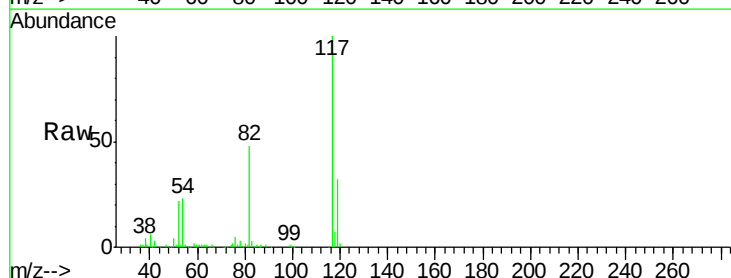
Tgt Ion: 117 Resp: 1232734

Ion Ratio Lower Upper

117 100

82 48.3 40.1 60.1

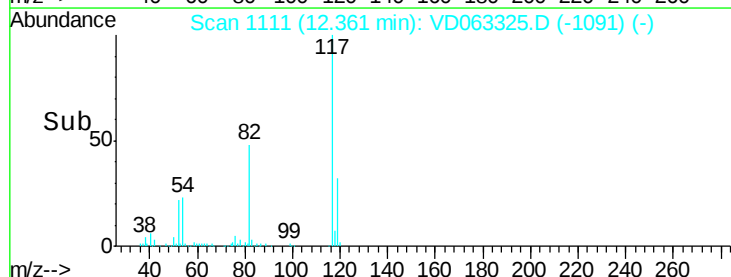
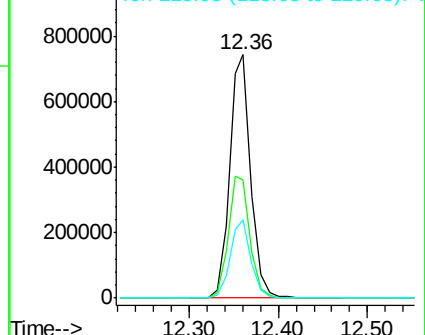
119 32.3 26.5 39.7

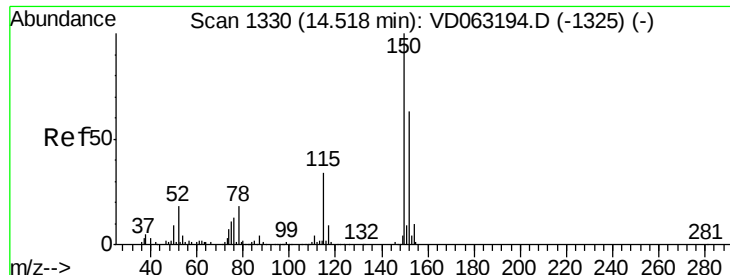


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063325.D

Acq: 2 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(30)

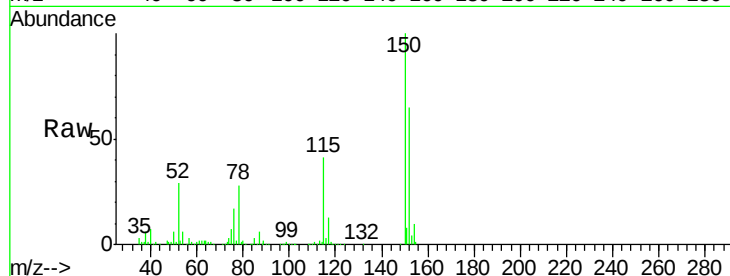
Tot Ion:152 Resp: 551701

Ion Ratio Lower Upper

152 100

115 62.9 27.5 82.4

150 154.9 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

