

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063654.D
 Acq On : 19 Aug 2019 13:41
 Operator : JC/SY
 Sample : K4406-01
 Misc : 5.19g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-011-IDWSO-20190816

Quant Time: Aug 20 08:32:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

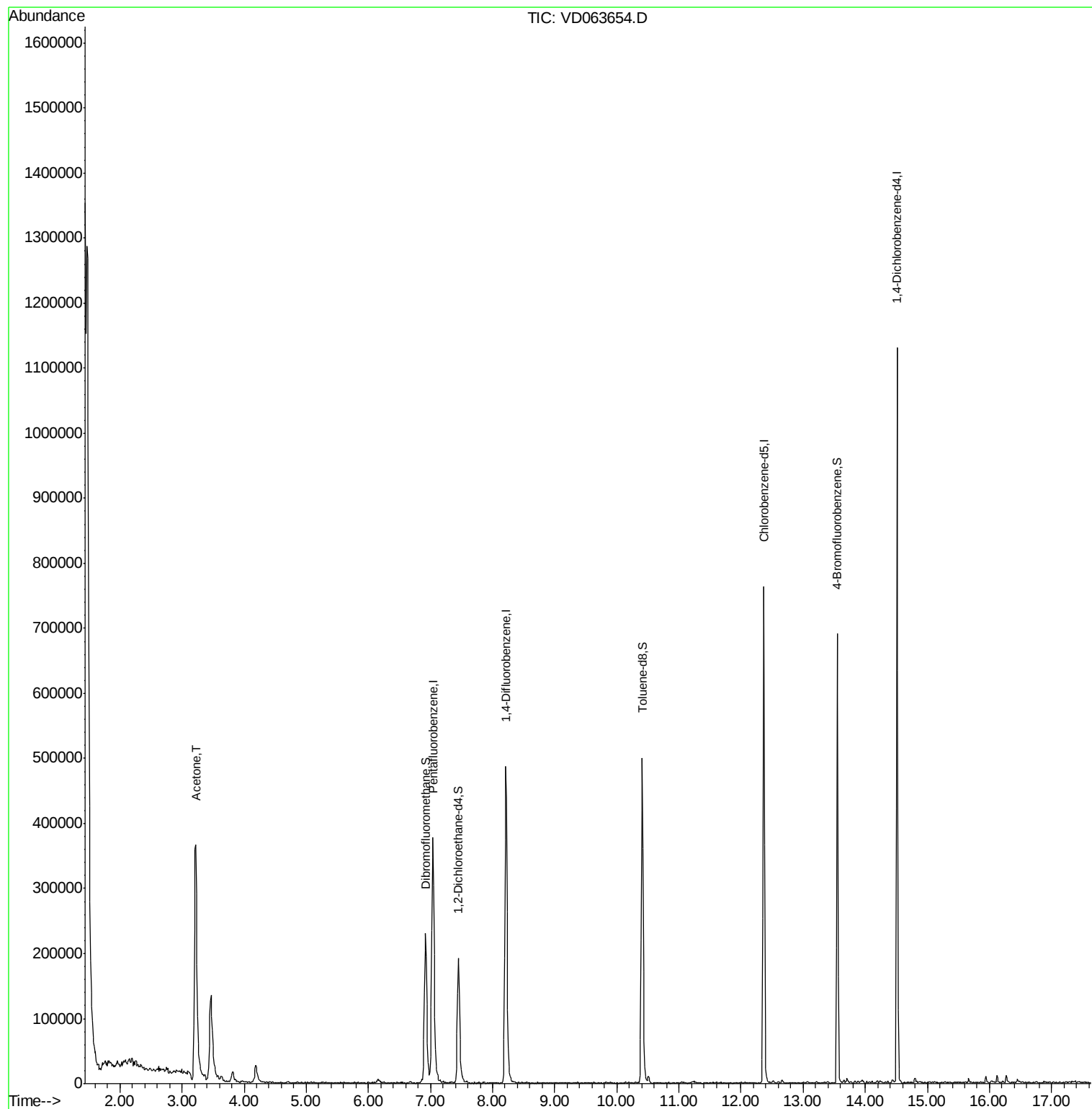
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	371836	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	535175	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	439310	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	232325	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	221648	55.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.54%	
35) Dibromofluoromethane	6.92	113	204547	45.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.76%	
50) Toluene-d8	10.41	98	399004	40.26	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	80.52%	
62) 4-Bromofluorobenzene	13.55	95	196610	43.77	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.54%	
Target Compounds						
16) Acetone	3.21	43	766301	948.432	ug/l	Qvalue 98

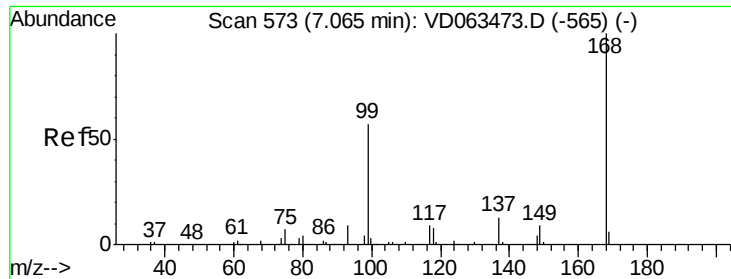
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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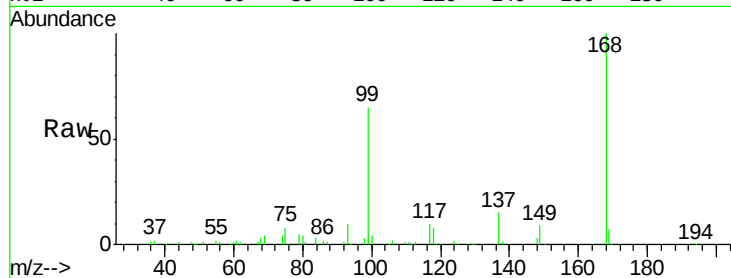
TT-011-IDWSO-20190816

Tot Ion:168 Resp: 371836

Ion Ratio Lower Upper

168 100

99 65.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

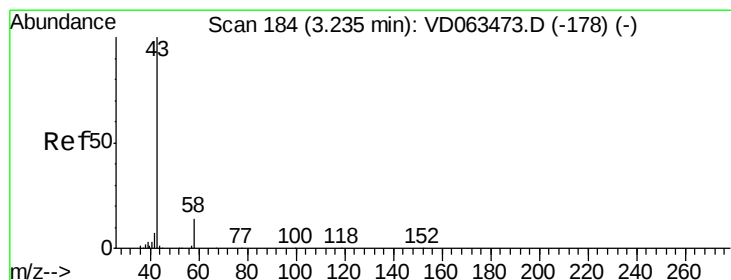
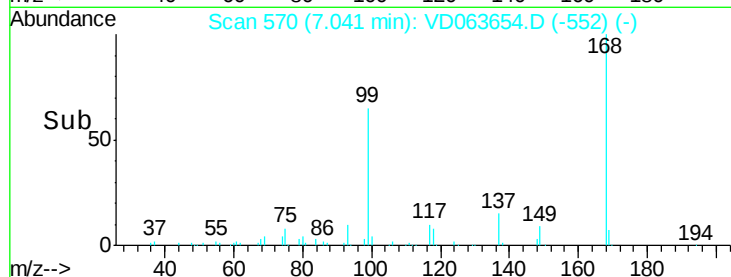
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 948.432 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063654.D

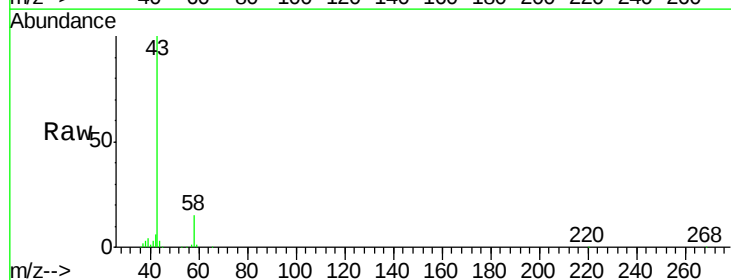
Acq: 19 Aug 2019 13:41

Tgt Ion: 43 Resp: 766301

Ion Ratio Lower Upper

43 100

58 15.1 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

300000

250000

200000

150000

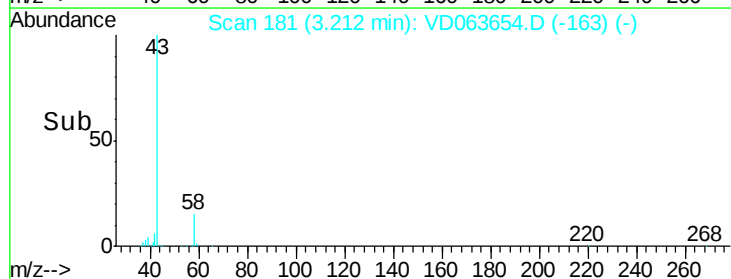
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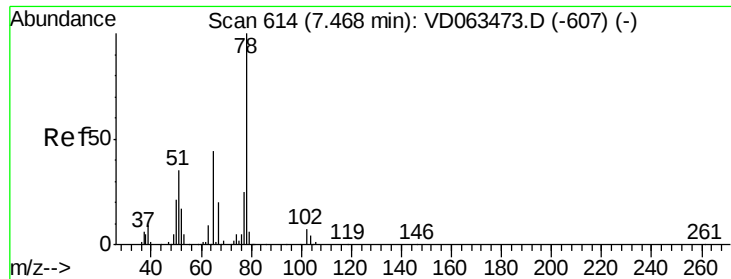
50000

0

Time-->

3.10 3.20 3.30 3.40

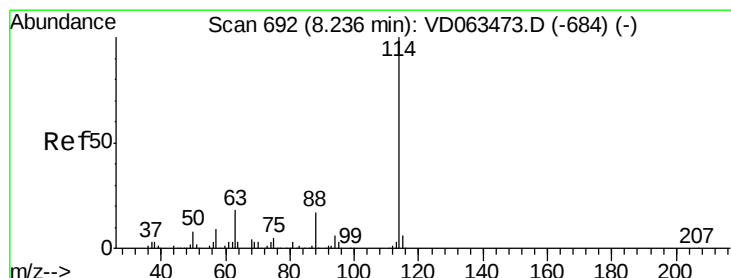
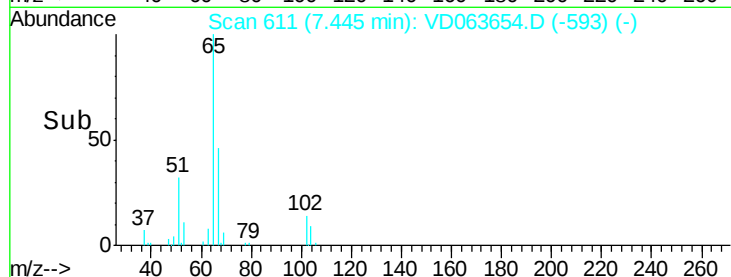
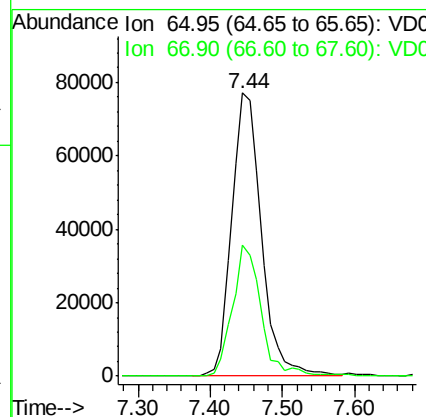
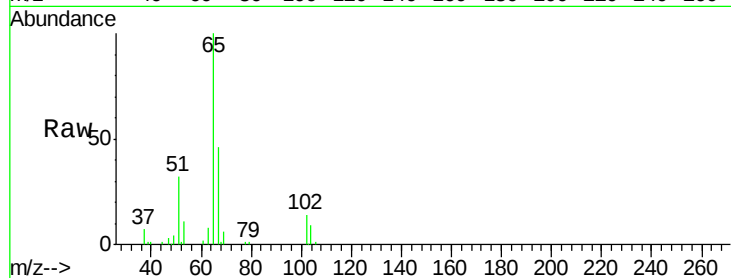




#33
 1,2-Dichloroethane-d4
 Concen: 55.766 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063654.D
 Acq: 19 Aug 2019 13:41

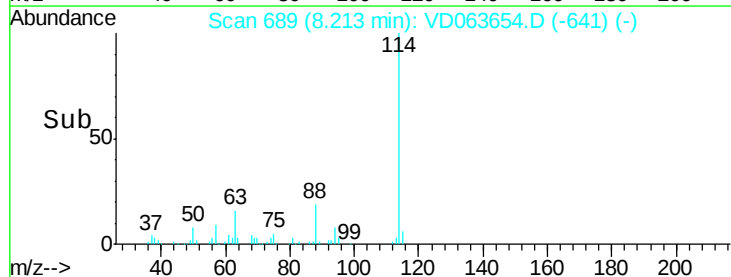
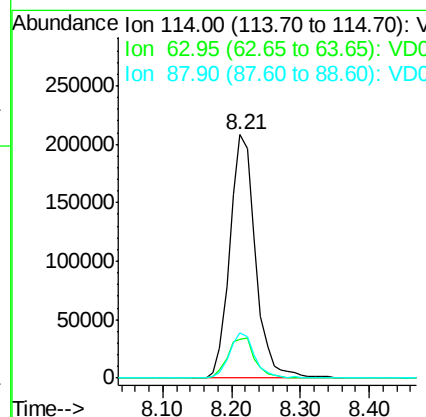
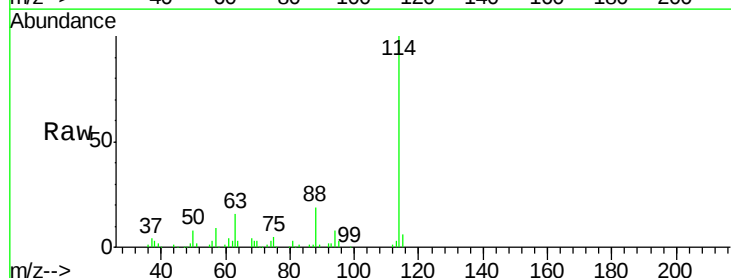
Instrument :
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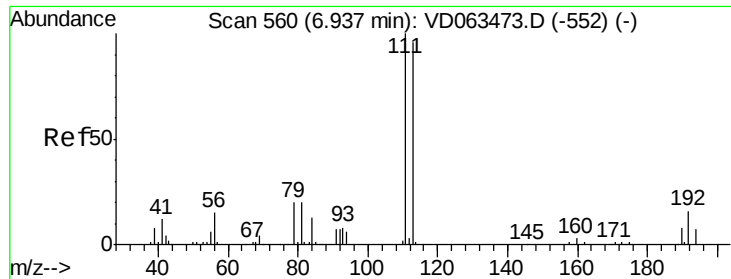
Tot Ion: 65 Resp: 221648
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063654.D
 Acq: 19 Aug 2019 13:41

Tgt Ion: 114 Resp: 535175
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 36.2
 88 18.6 0.0 35.0

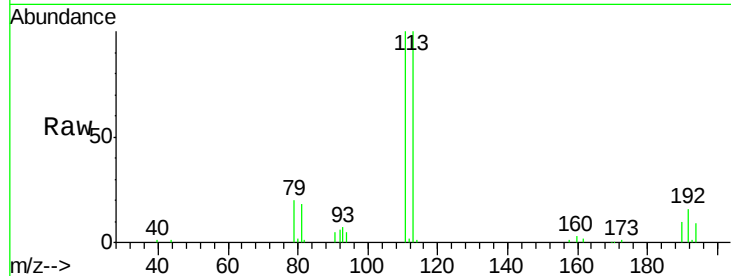




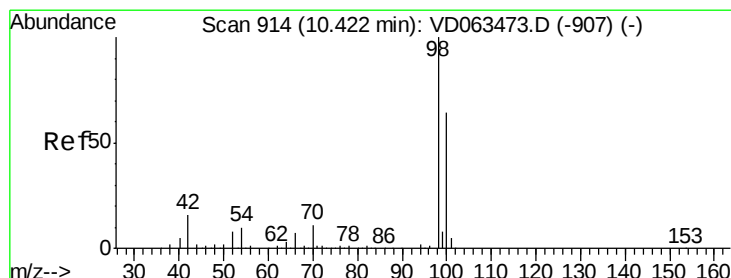
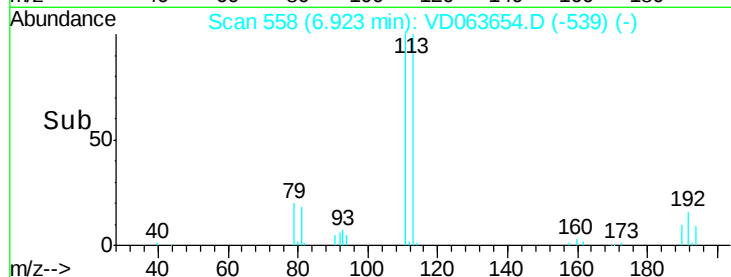
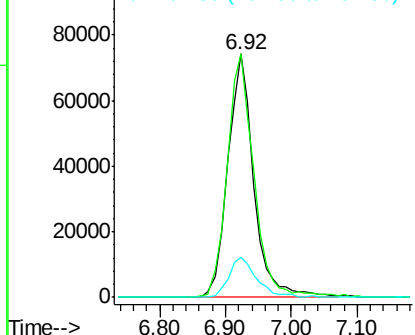
#35
 Dibromofluoromethane
 Concen: 45.381 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD063654.D
 Acq: 19 Aug 2019 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-011-IDWSO-20190816

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.0	83.1	124.7
192	16.5	13.1	19.7

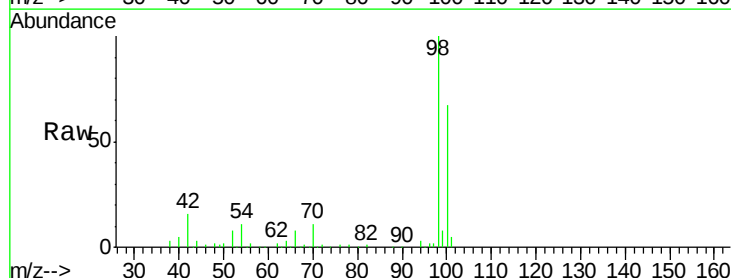


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

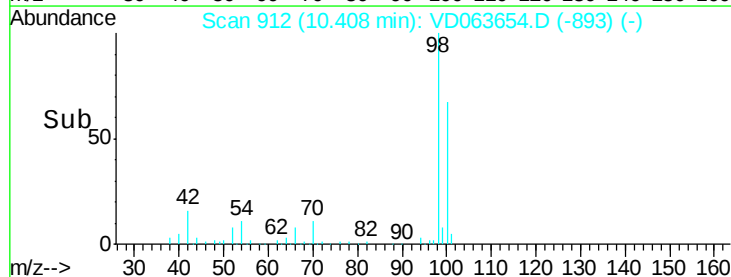
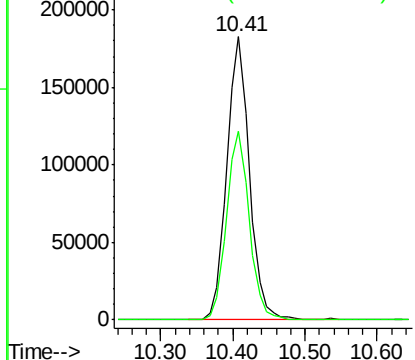


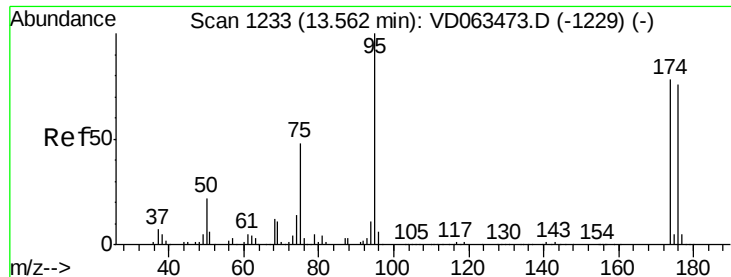
#50
 Toluene-d8
 Concen: 40.265 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD063654.D
 Acq: 19 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	51.7	77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 43.775 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063654.D

Acq: 19 Aug 2019 13:41

Instrument :

MSVOA_D

ClientSampleId :

TT-011-IDWSO-20190816

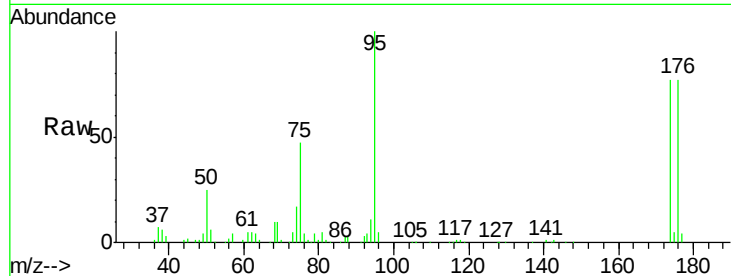
Tot Ion: 95 Resp: 196610

Ion Ratio Lower Upper

95 100

174 77.4 0.0 155.4

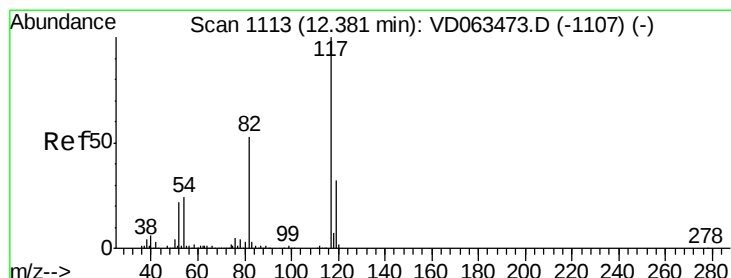
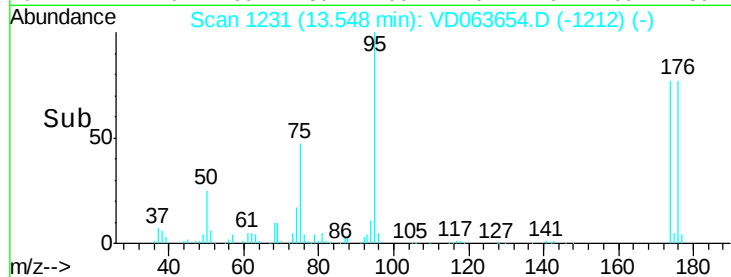
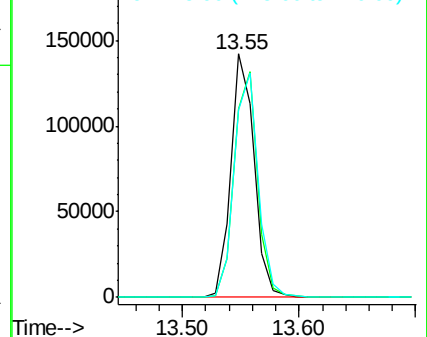
176 77.1 0.0 152.4



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: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063654.D

Acq: 19 Aug 2019 13:41

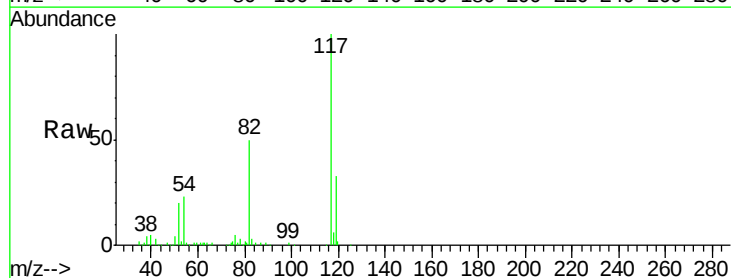
Tgt Ion: 117 Resp: 439310

Ion Ratio Lower Upper

117 100

82 49.8 42.0 63.0

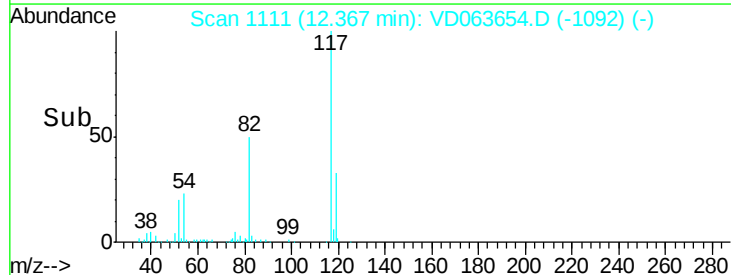
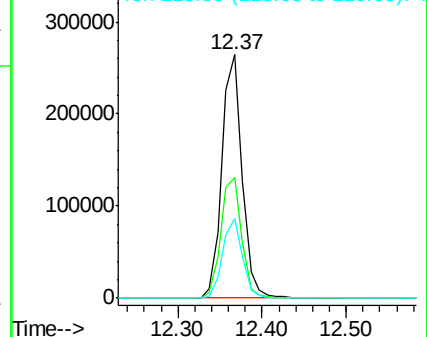
119 32.8 25.4 38.0

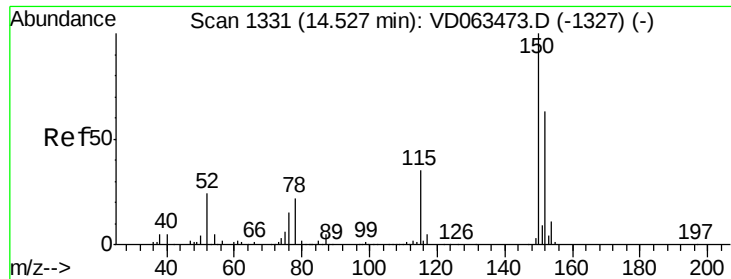


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063654.D

Acq: 19 Aug 2019 13:41

Instrument :

MSVOA_D

ClientSampleId :

TT-011-IDWSO-20190816

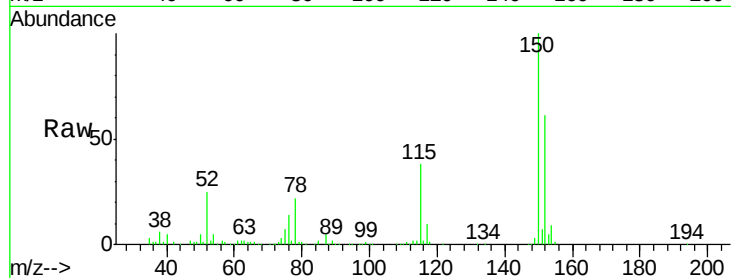
Tot Ion:152 Resp: 232325

Ion Ratio Lower Upper

152 100

115 62.0 30.9 92.7

150 164.0 0.0 318.6



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

