

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003722.D
 Acq On : 05 Jul 2018 15:42
 Operator : SY/AP
 Sample : J3815-01
 Misc : 4.70G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 964

Quant Time: Jul 06 04:00:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

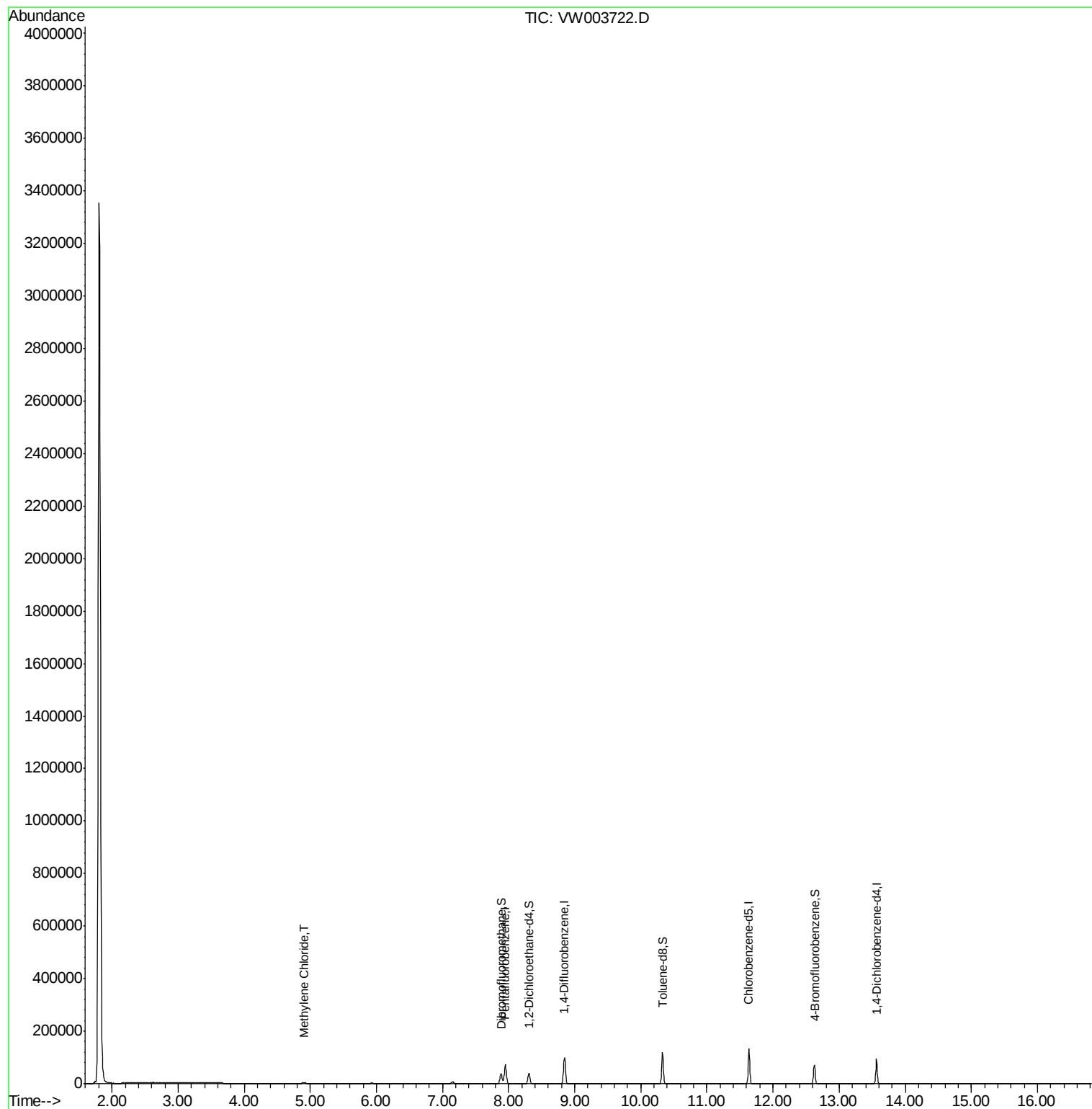
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	79489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32231	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.89	113	27551	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
50) Toluene-d8	10.33	98	76887	37.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.56%	
62) 4-Bromofluorobenzene	12.62	95	21415	29.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.58%	
Target Compounds						
20) Methylene Chloride	4.90	84	3386	2.950	ug/l	Qvalue 86

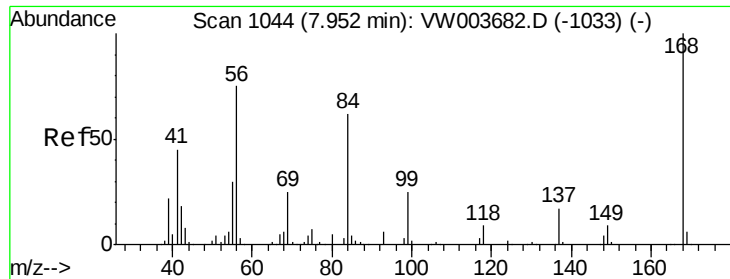
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003722.D

Acq: 05 Jul 2018 15:42

Instrument :

MSVOA_W

ClientSampled :

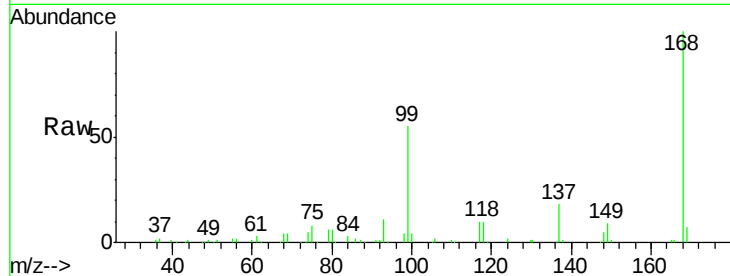
964

Tot Ion:168 Resp: 51000

Ion Ratio Lower Upper

168 100

99 55.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

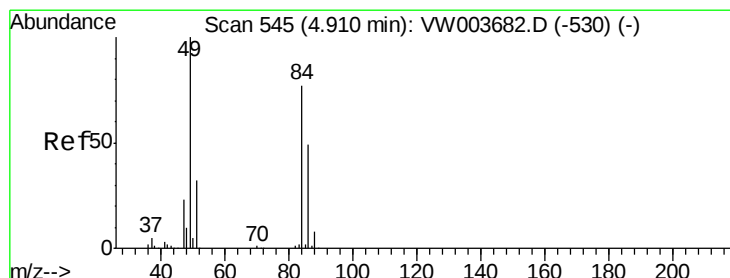
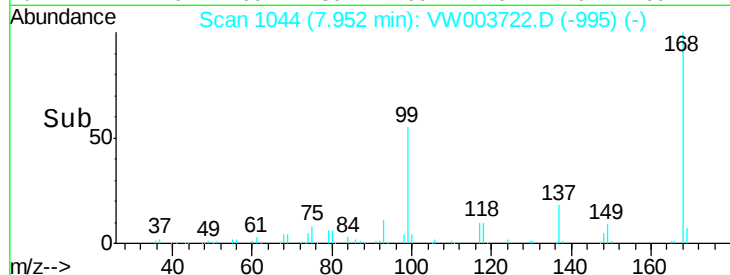
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 2.950 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003722.D

Acq: 05 Jul 2018 15:42

Tgt Ion: 84 Resp: 3386

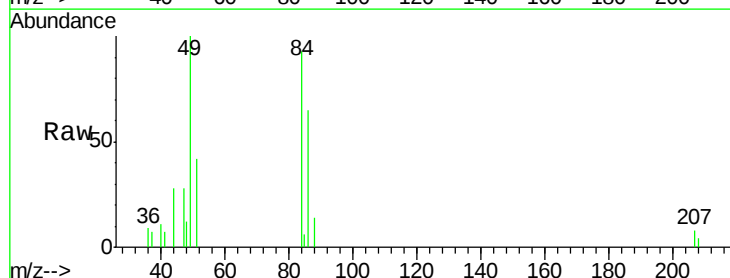
Ion Ratio Lower Upper

84 100

49 107.8 104.6 156.8

51 45.1 33.2 49.8

86 69.7 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.90

2500

2000

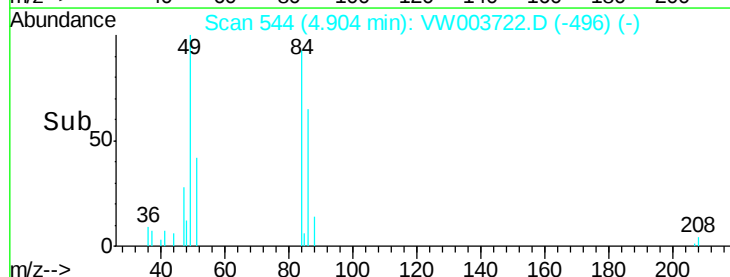
1500

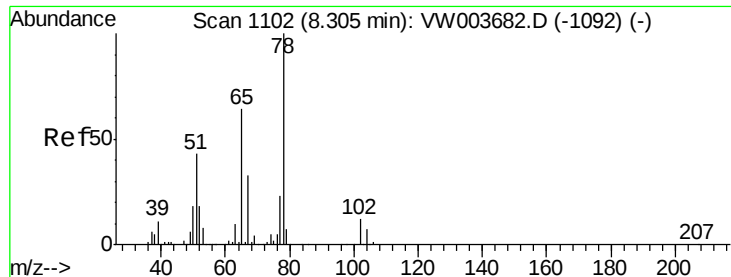
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.009 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003722.D

Acq: 05 Jul 2018 15:42

Instrument :

MSVOA_W

ClientSampleId :

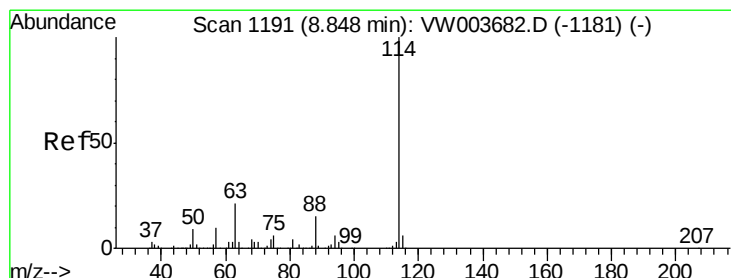
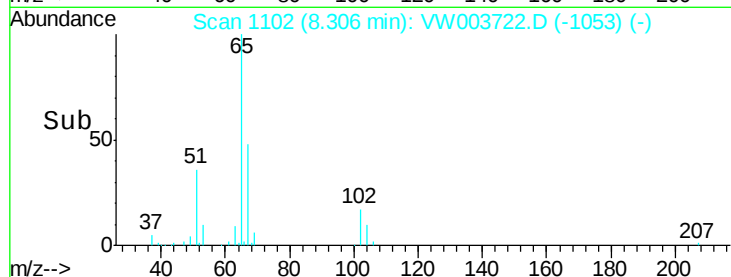
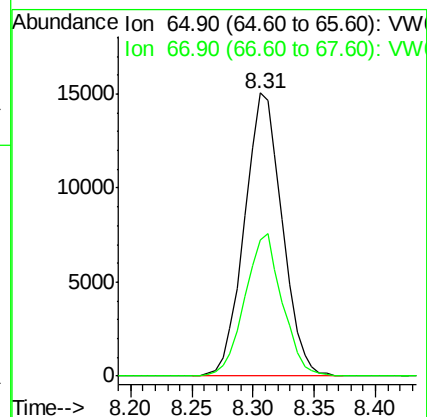
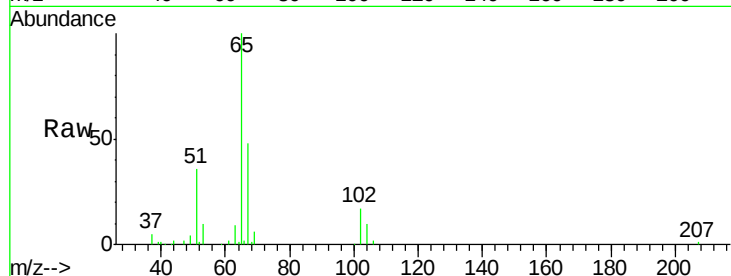
964

Tot Ion: 65 Resp: 32231

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003722.D

Acq: 05 Jul 2018 15:42

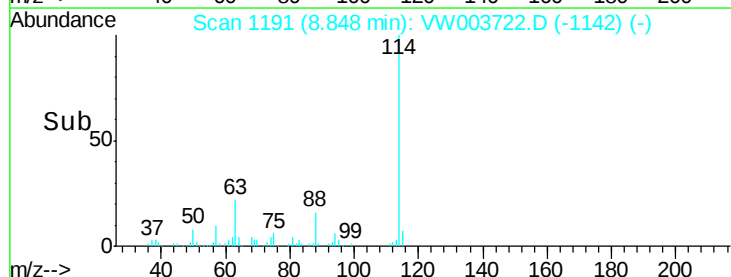
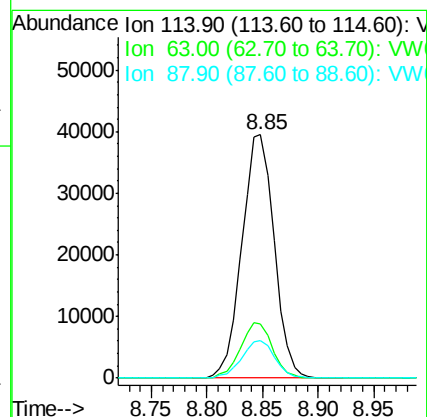
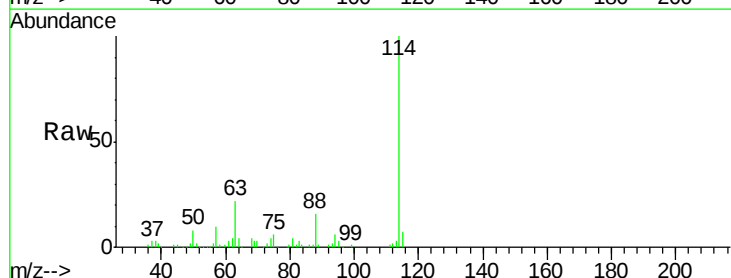
Tgt Ion: 114 Resp: 79489

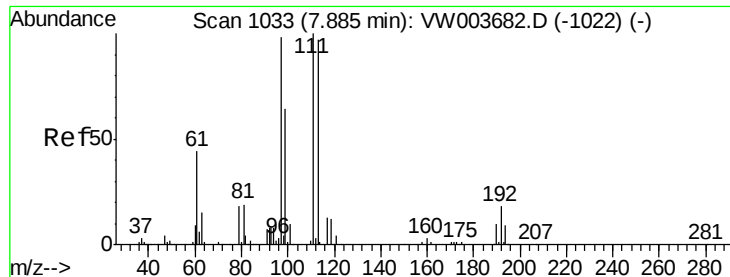
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.6

88 15.6 0.0 29.8

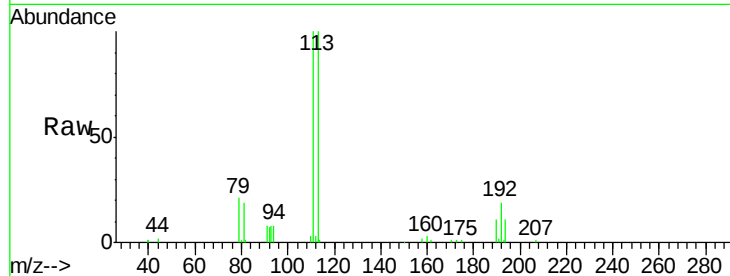




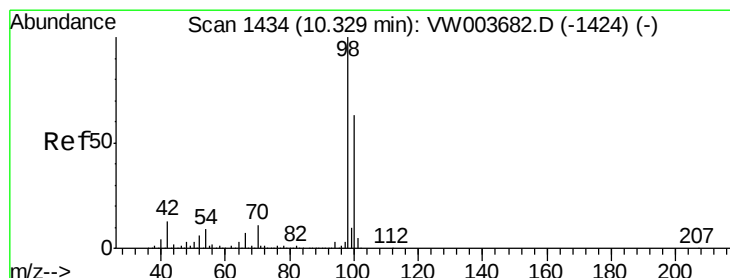
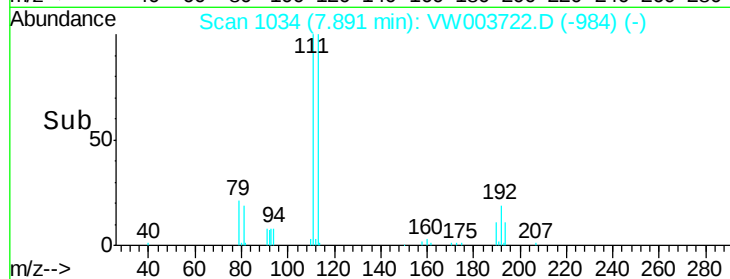
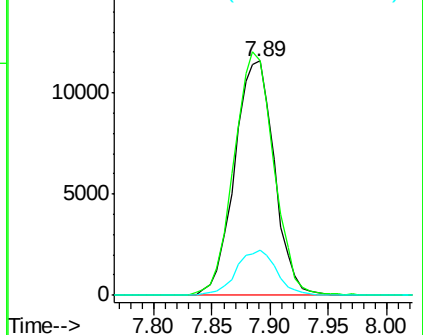
#35
 Dibromofluoromethane
 Concen: 53.143 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003722.D
 Acq: 05 Jul 2018 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 964

Tot Ion:113 Resp: 27551
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.4 123.6
 192 19.6 15.8 23.6

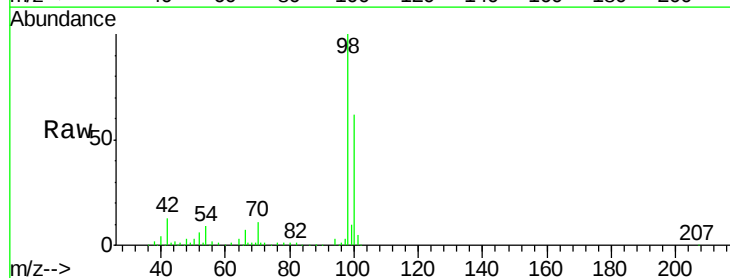


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

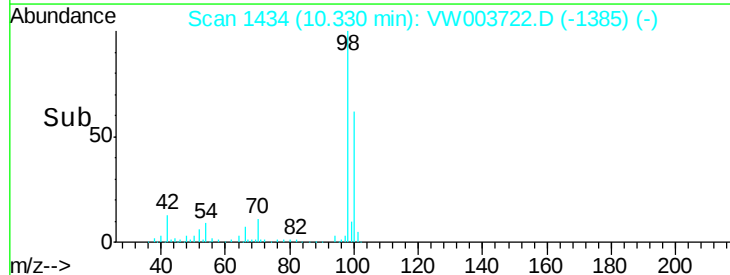
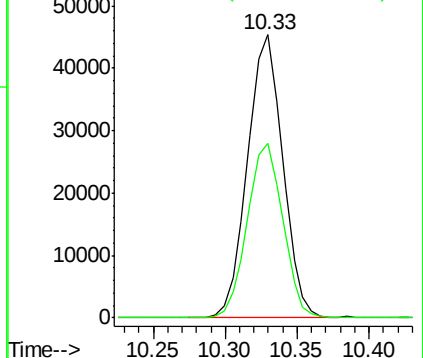


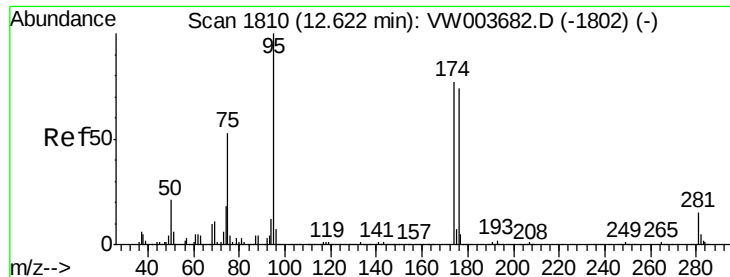
#50
 Toluene-d8
 Concen: 37.779 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003722.D
 Acq: 05 Jul 2018 15:42

Tgt Ion: 98 Resp: 76887
 Ion Ratio Lower Upper
 98 100
 100 62.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 29.289 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003722.D

Acq: 05 Jul 2018 15:42

Instrument :

MSVOA_W

ClientSampleId :

964

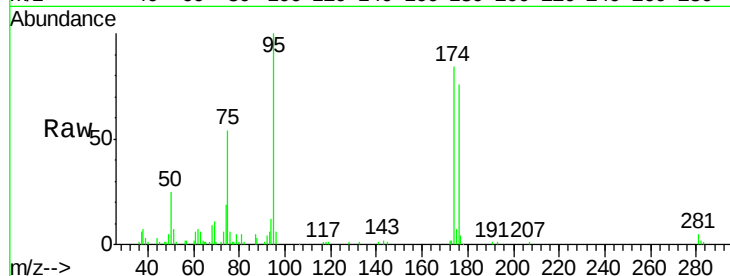
Tot Ion: 95 Resp: 21415

Ion Ratio Lower Upper

95 100

174 90.0 0.0 161.2

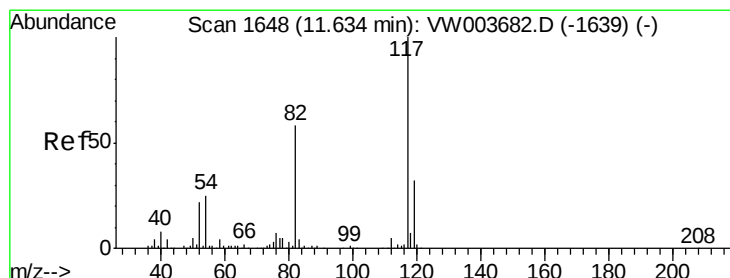
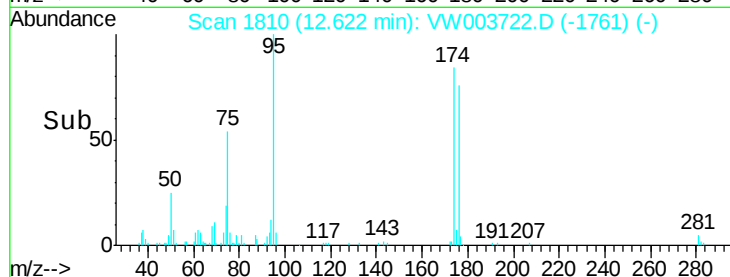
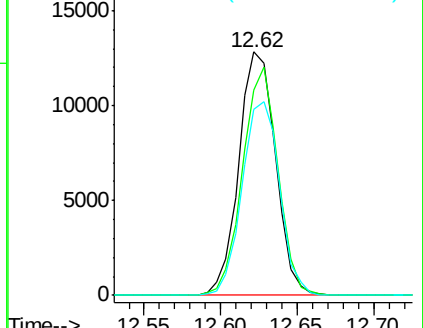
176 81.2 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW003722.D

Acq: 05 Jul 2018 15:42

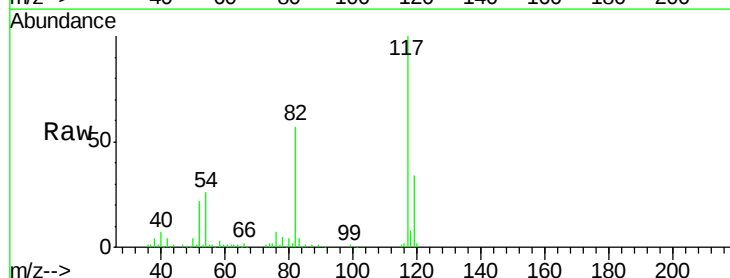
Tgt Ion: 117 Resp: 70056

Ion Ratio Lower Upper

117 100

82 57.2 46.0 69.0

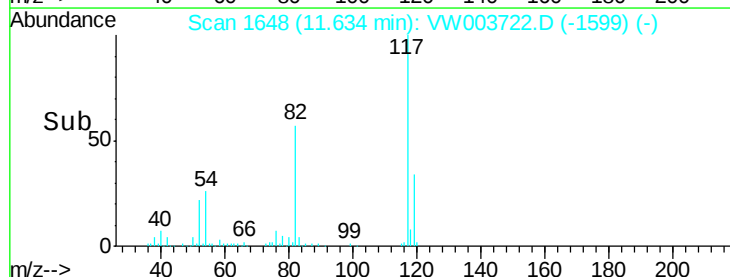
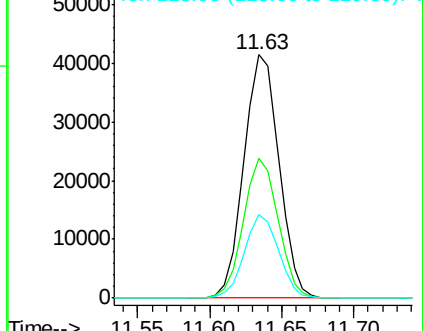
119 34.2 25.4 38.0

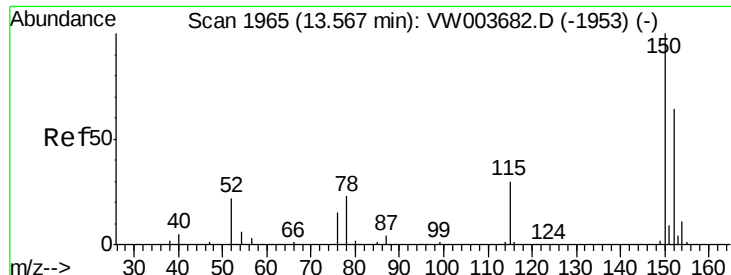


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003722.D

Acq: 05 Jul 2018 15:42

Instrument :

MSVOA_W

ClientSampleId :

964

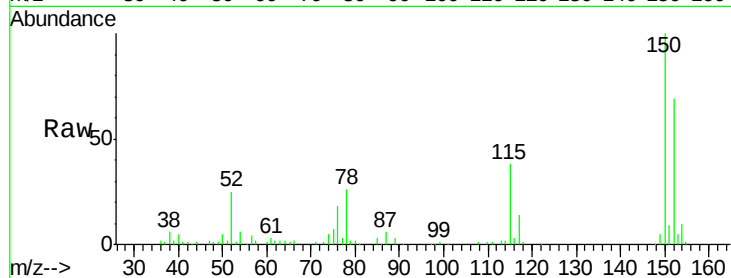
Tot Ion:152 Resp: 24238

Ion Ratio Lower Upper

152 100

115 55.1 29.3 88.0

150 153.4 0.0 352.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

