

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004129.D
 Acq On : 23 Jul 2018 11:35
 Operator : SY/AP
 Sample : VW0723SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBL01

Quant Time: Jul 23 15:14:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188076	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146809	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.88	113	132670	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.33	98	501919	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.62	95	166105	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	

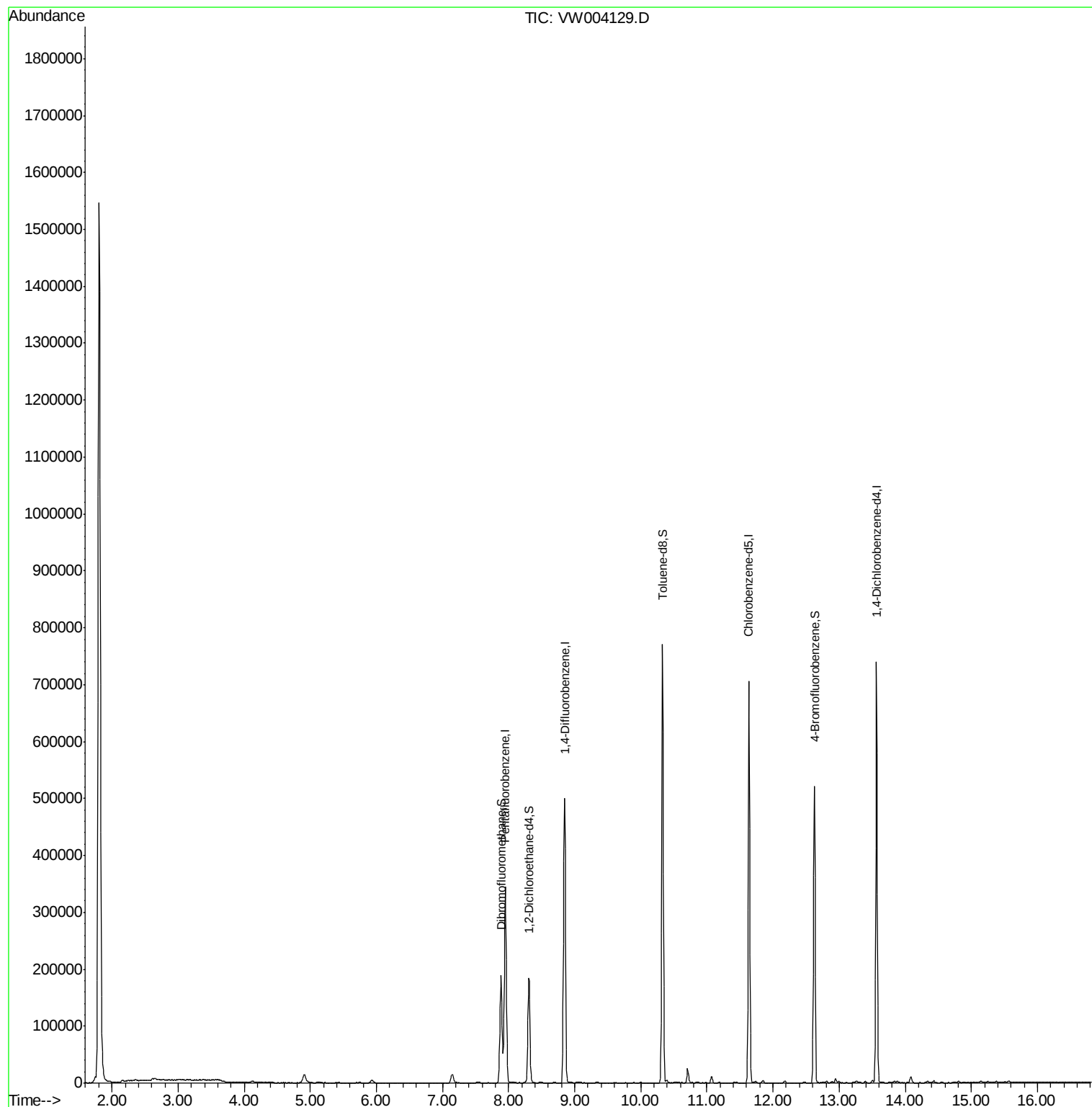
Target Compounds	Qvalue

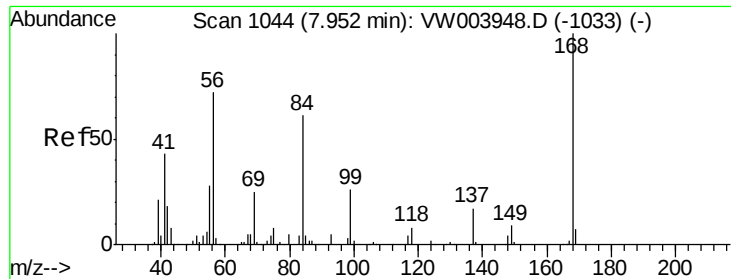
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004129.D

Acq: 23 Jul 2018 11:35

Instrument :

MSVOA_W

ClientSampleId :

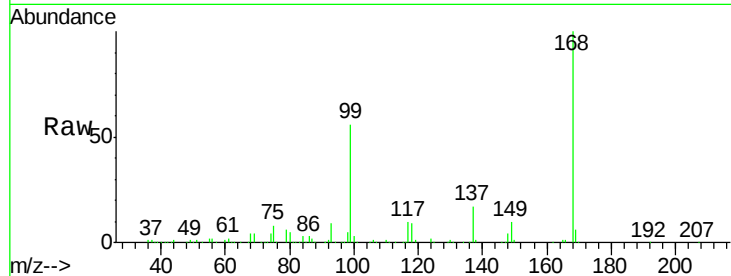
VW0723SBL01

Tot Ion:168 Resp: 256090

Ion Ratio Lower Upper

168 100

99 56.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

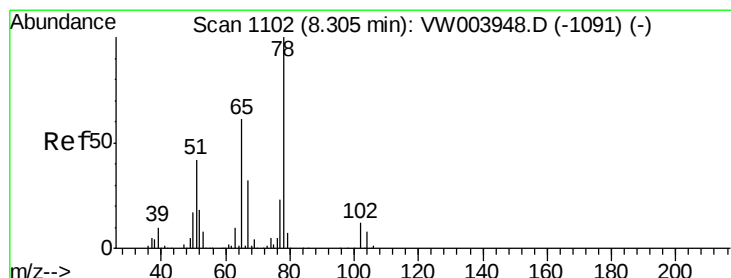
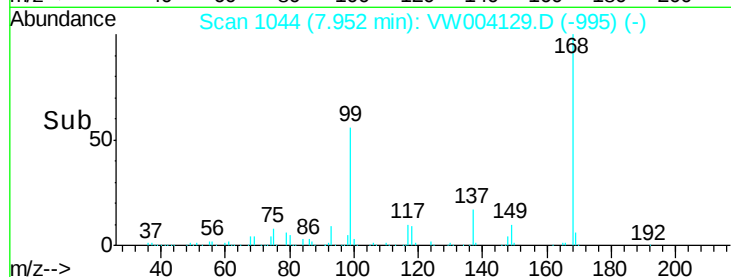
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.29 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW004129.D

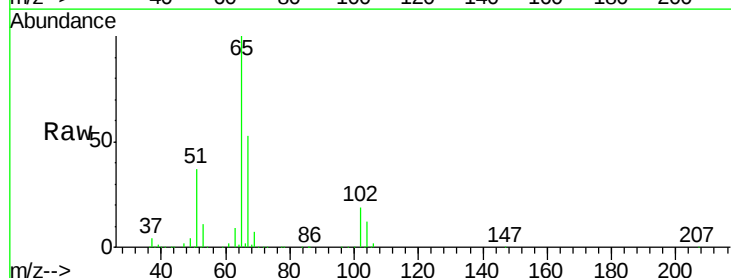
Acq: 23 Jul 2018 11:35

Tgt Ion: 65 Resp: 146809

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

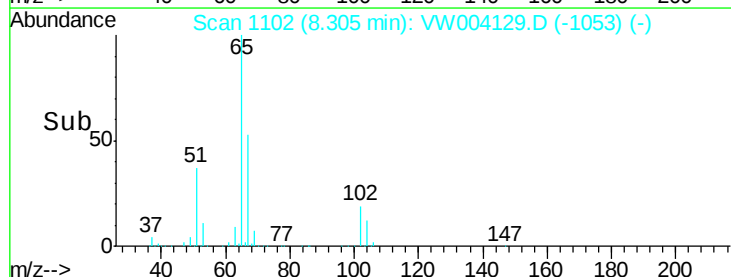
60000

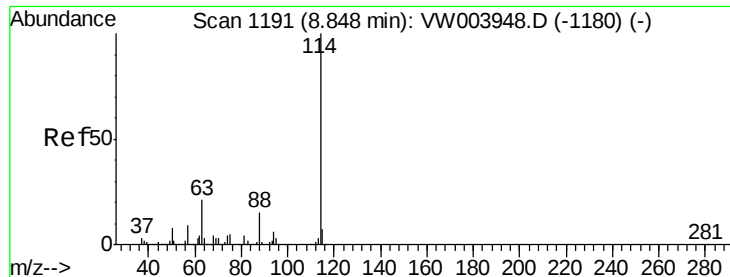
40000

20000

0

Time--> 8.20 8.30 8.40

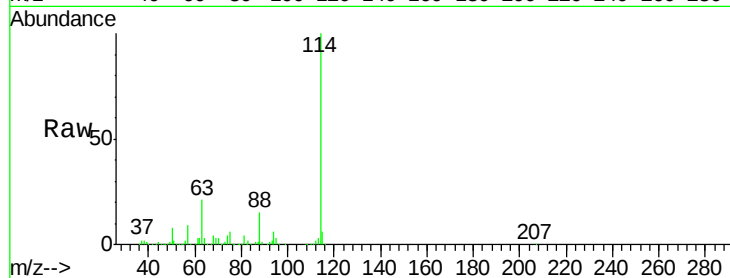




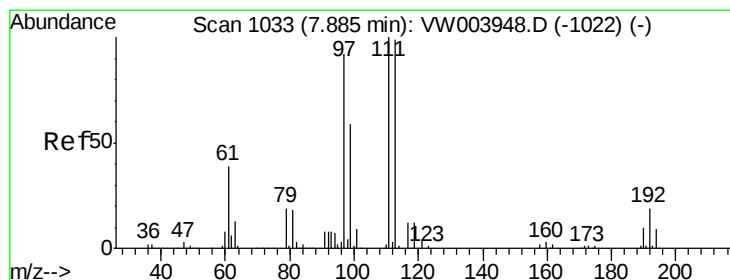
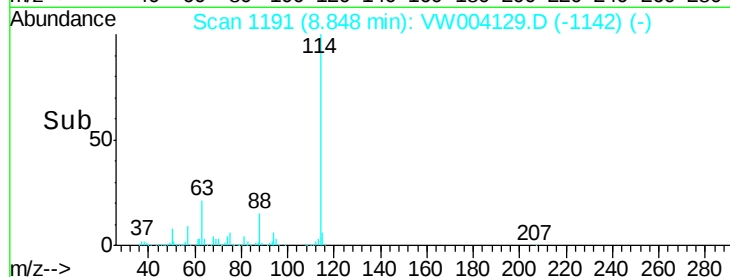
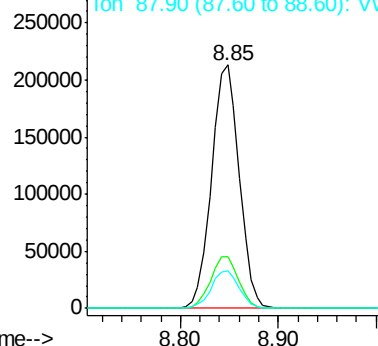
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004129.D
 Acq: 23 Jul 2018 11:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBL01

Tot Ion:114 Resp: 417648
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 15.3 0.0 30.4

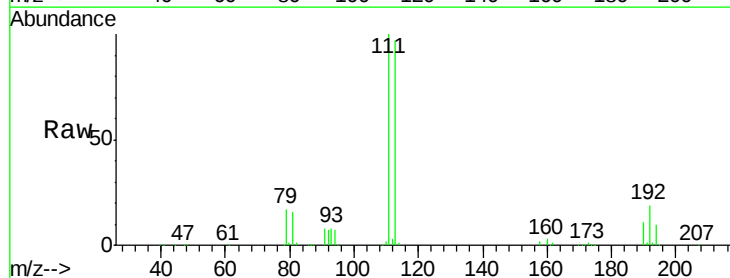


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

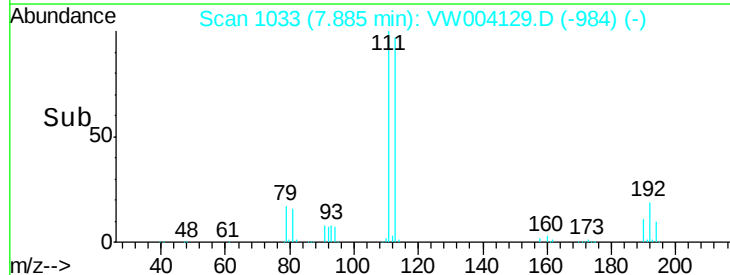
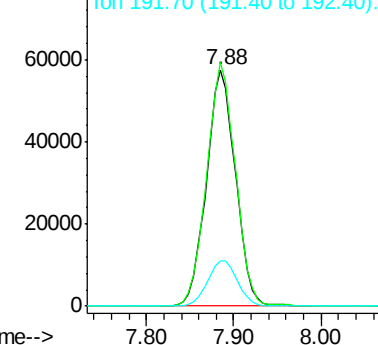


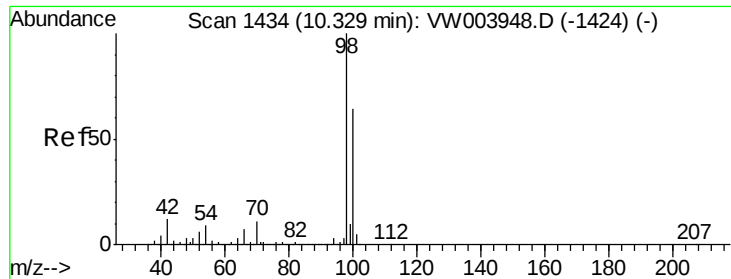
#35
 Dibromofluoromethane
 Concen: 49.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004129.D
 Acq: 23 Jul 2018 11:35

Tgt Ion:113 Resp: 132670
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 19.8 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: 48.27 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004129.D

Acq: 23 Jul 2018 11:35

Instrument :

MSVOA_W

ClientSampleId :

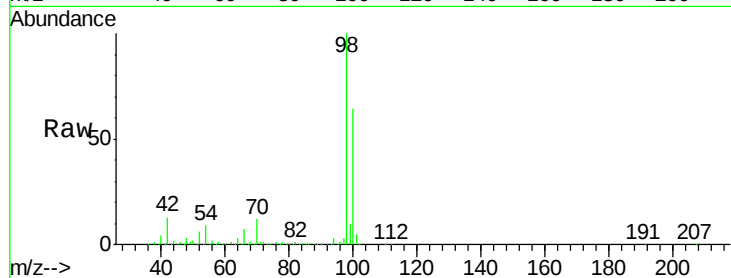
VW0723SBL01

Tot Ion: 98 Resp: 501919

Ion Ratio Lower Upper

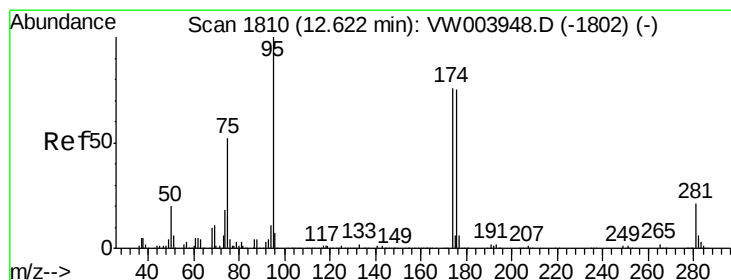
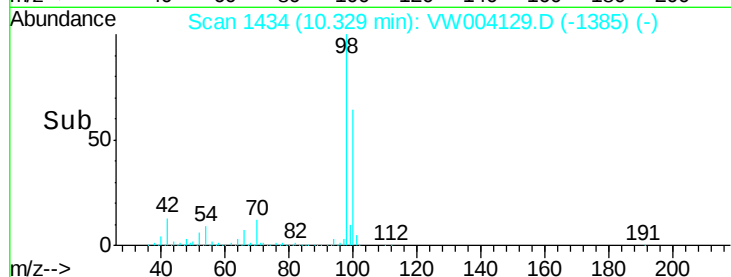
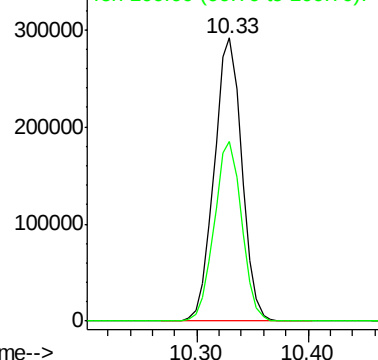
98 100

100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.30 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004129.D

Acq: 23 Jul 2018 11:35

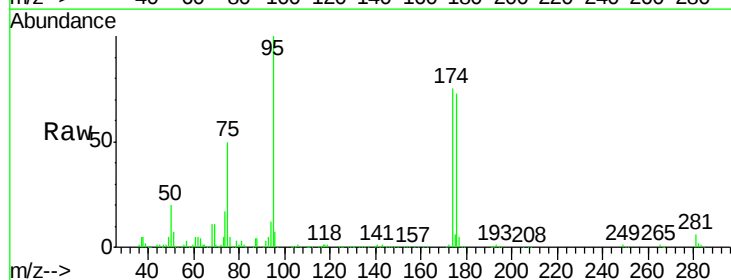
Tgt Ion: 95 Resp: 166105

Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.2

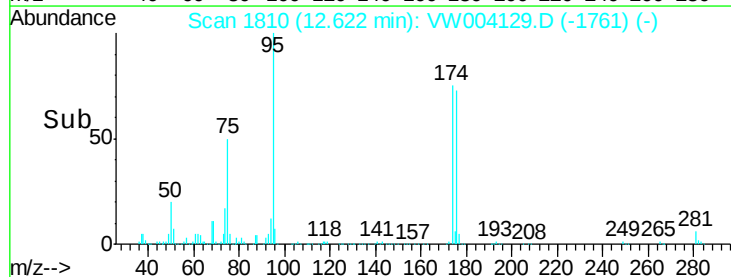
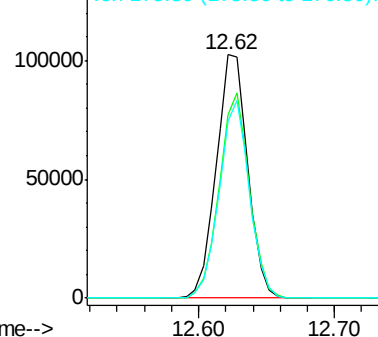
176 77.9 0.0 155.8

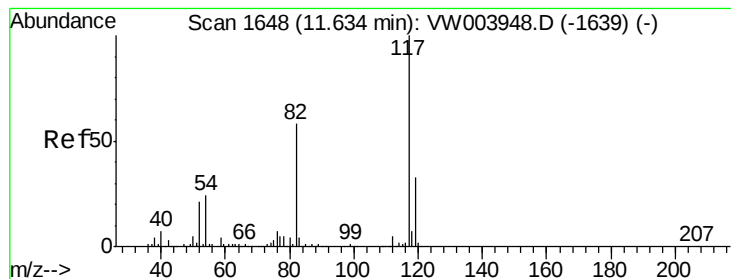


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004129.D

Acq: 23 Jul 2018 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBL01

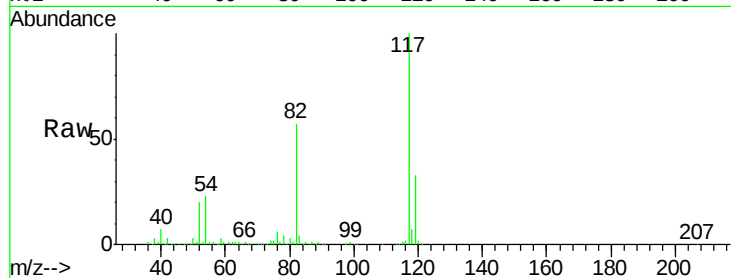
Tot Ion:117 Resp: 375099

Ion Ratio Lower Upper

117 100

82 57.0 46.5 69.7

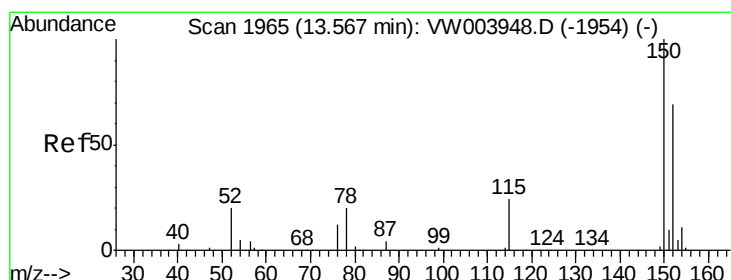
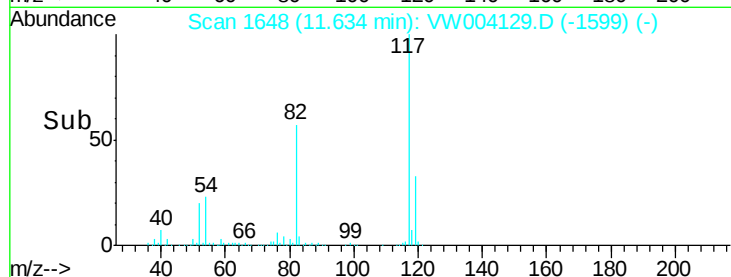
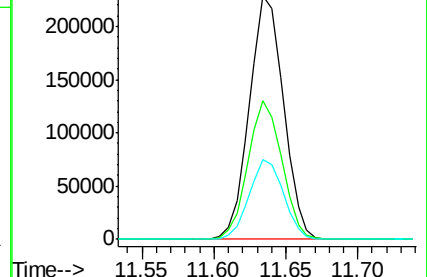
119 32.9 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004129.D

Acq: 23 Jul 2018 11:35

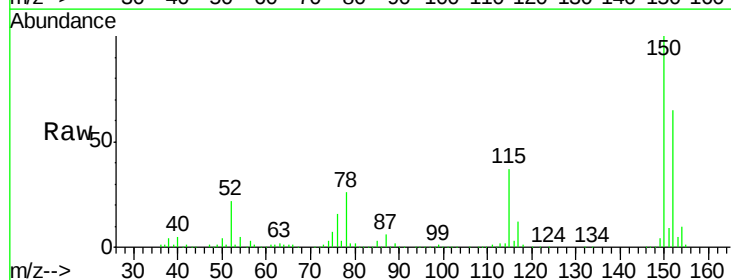
Tgt Ion:152 Resp: 188076

Ion Ratio Lower Upper

152 100

115 57.2 29.2 87.6

150 156.0 0.0 345.2



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

