

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008231.D
 Acq On : 12 Jan 2019 09:48
 Operator : SY/VA
 Sample : K1122-05
 Misc : 7.25G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4I(4-4.5)

Quant Time: Jan 14 10:53:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

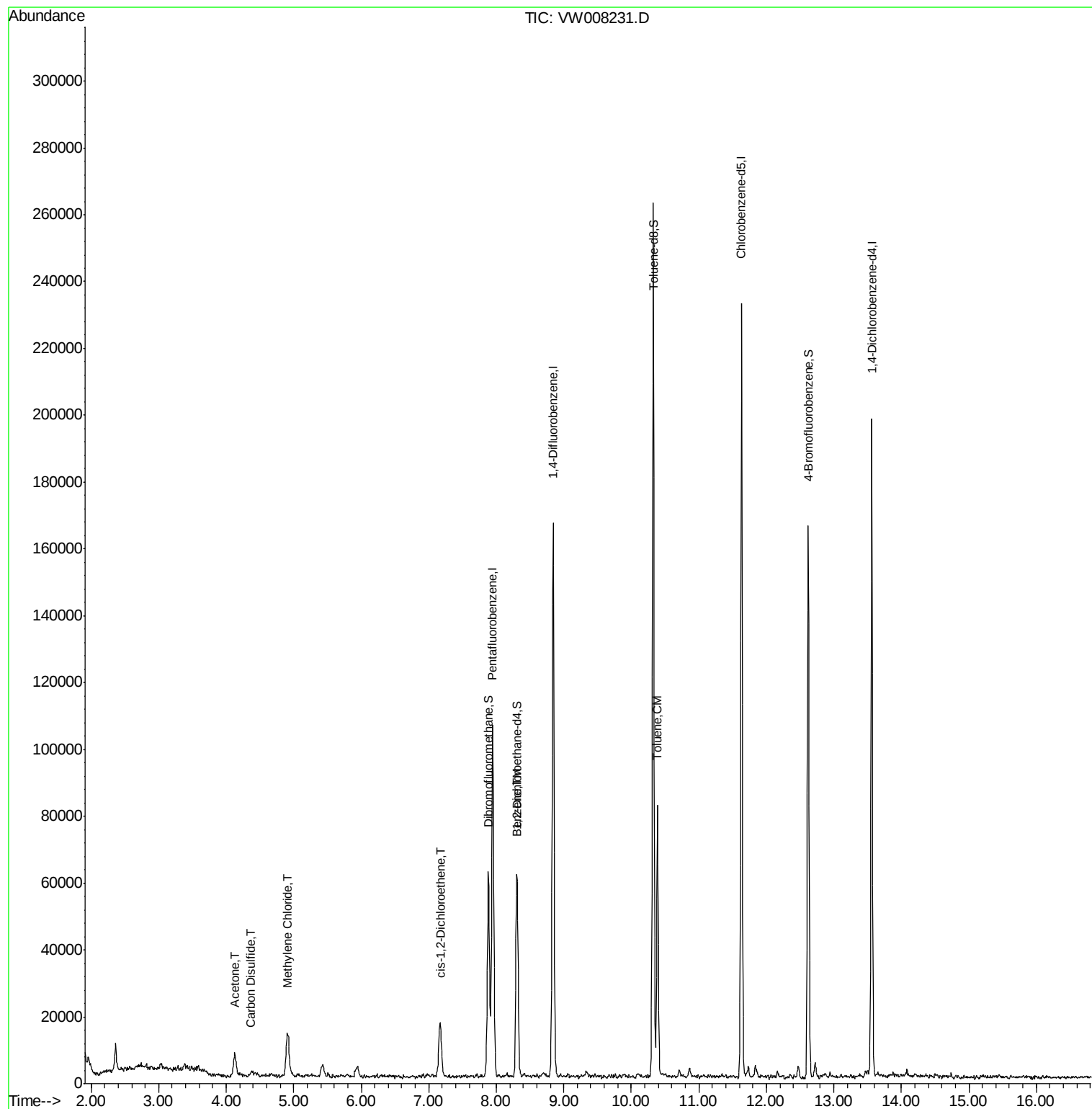
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	136257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	48778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45725	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	42904	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
50) Toluene-d8	10.32	98	173001	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.62	95	53194	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
16) Acetone	4.12	43	12795	70.191	ug/l	93
17) Carbon Disulfide	4.36	76	2955	1.165	ug/l #	95
20) Methylene Chloride	4.91	84	10048	8.227	ug/l	88
27) cis-1,2-Dichloroethene	7.17	96	8628	8.960	ug/l	86
40) Benzene	8.32	78	4028	1.058	ug/l	98
52) Toluene	10.39	92	33742	13.878	ug/l	99

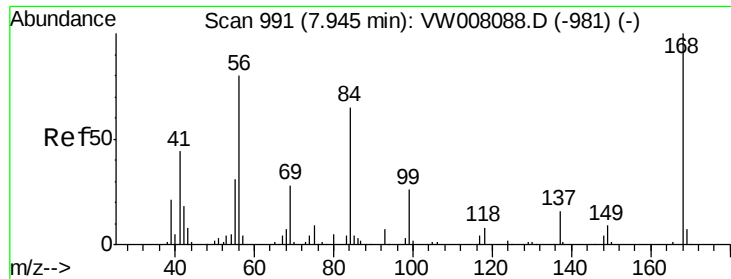
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-4I(4-4.5)

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008231.D

Acq: 12 Jan 2019 09:48

Instrument :

MSVOA_W

ClientSampleId :

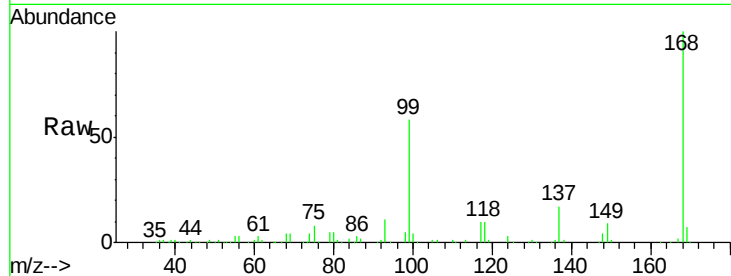
SB-4I(4-4.5)

Tot Ion:168 Resp: 74160

Ion Ratio Lower Upper

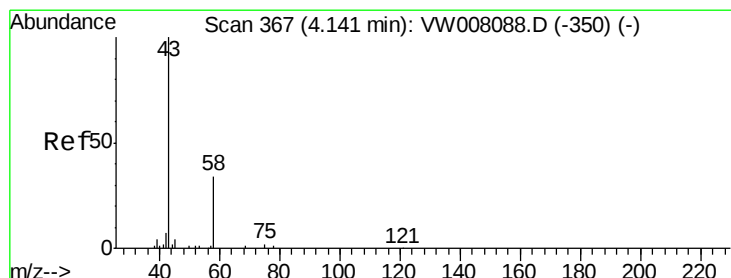
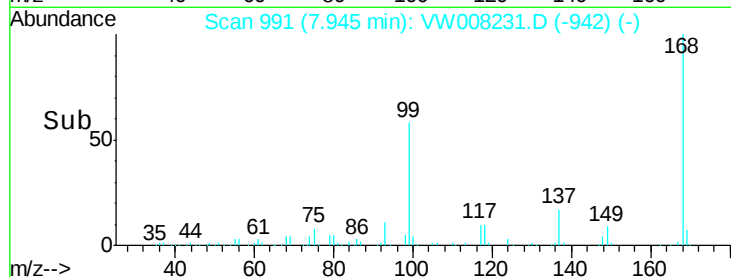
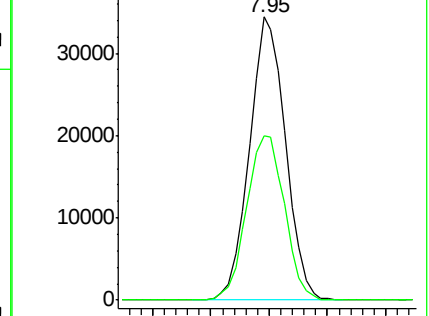
168 100

99 58.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 70.191 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008231.D

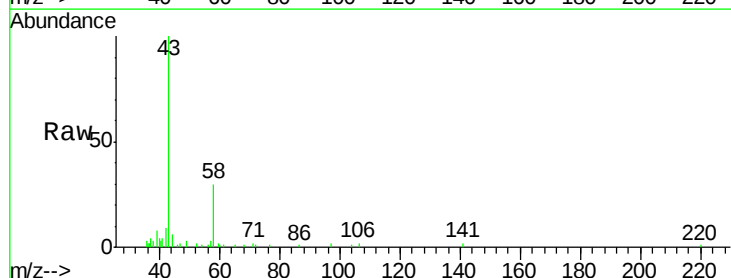
Acq: 12 Jan 2019 09:48

Tgt Ion: 43 Resp: 12795

Ion Ratio Lower Upper

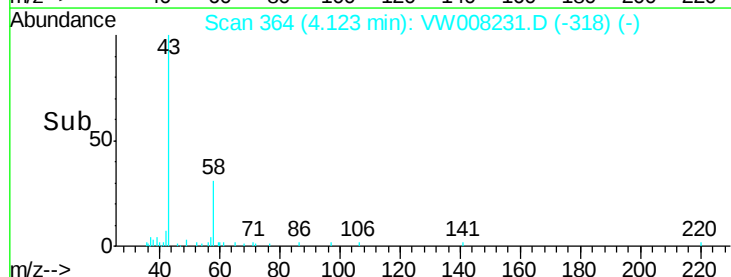
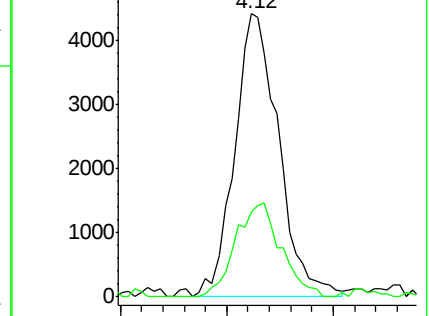
43 100

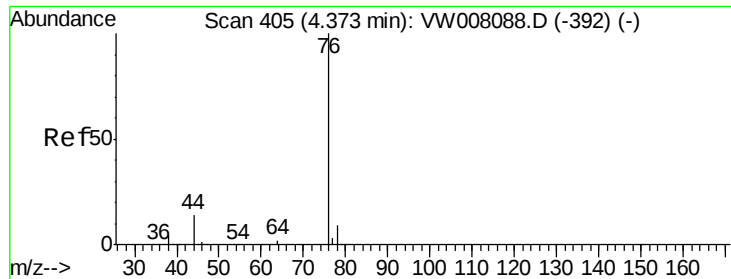
58 30.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

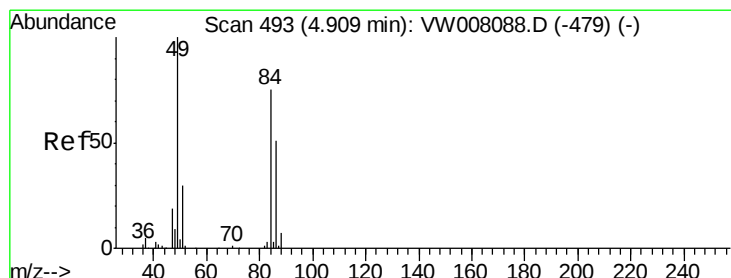
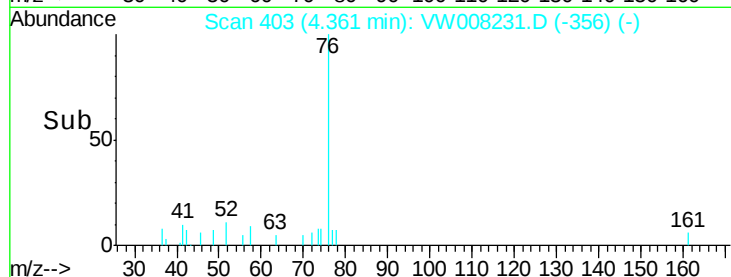
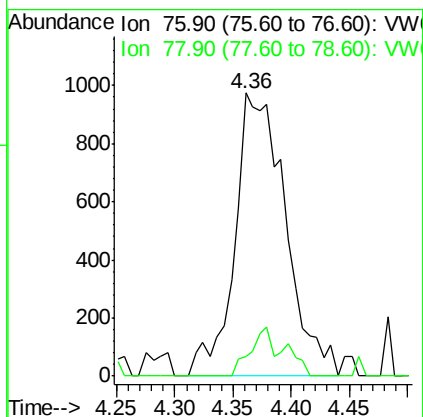
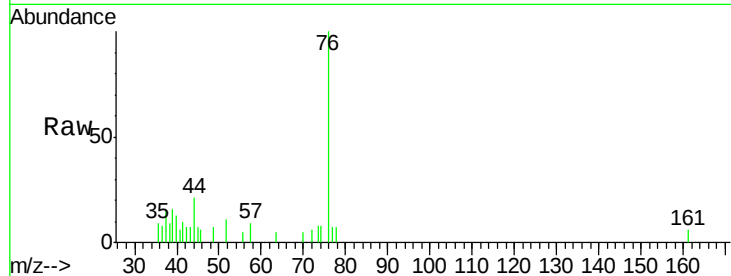




#17
Carbon Disulfide
Concen: 1.165 ug/l
RT: 4.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

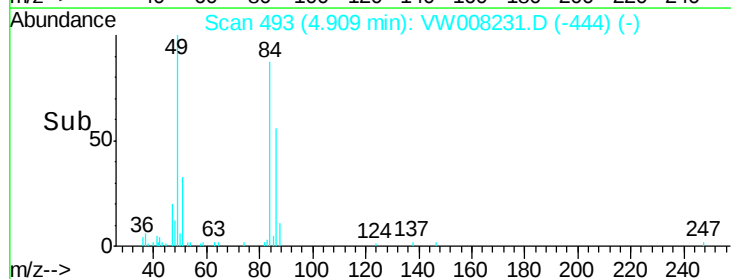
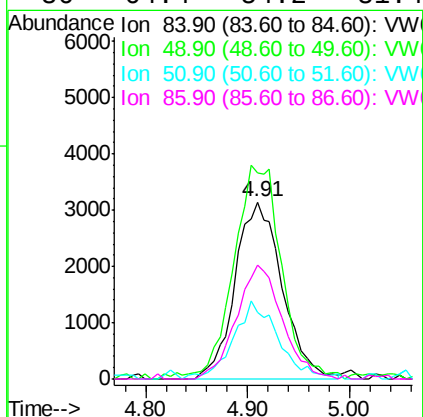
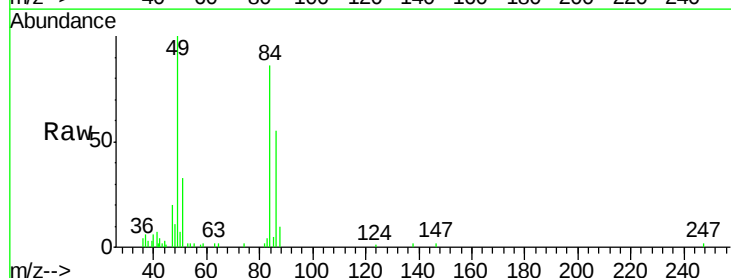
Instrument :
MSVOA_W
ClientSampled :
SB-4I(4-4.5)

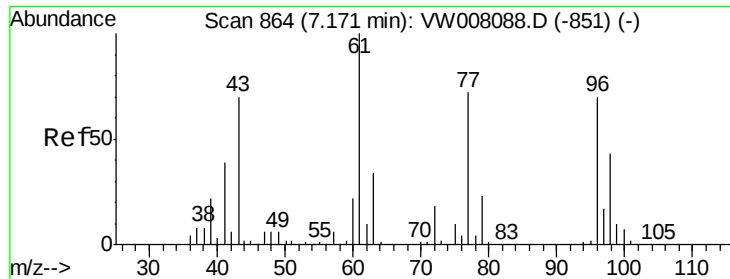
Tot Ion: 76 Resp: 2955
Ion Ratio Lower Upper
76 100
78 6.9 7.0 10.6#



#20
Methylene Chloride
Concen: 8.227 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

Tgt Ion: 84 Resp: 10048
Ion Ratio Lower Upper
84 100
49 113.3 107.1 160.7
51 35.7 32.4 48.6
86 64.4 54.2 81.4



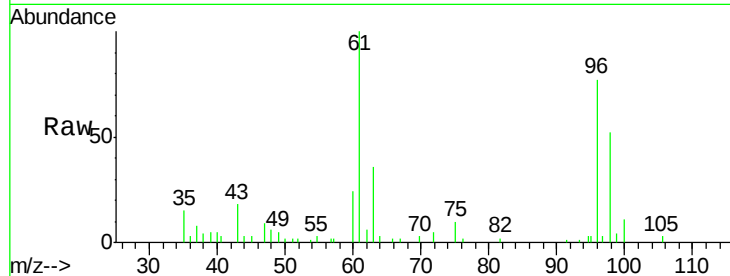


#27

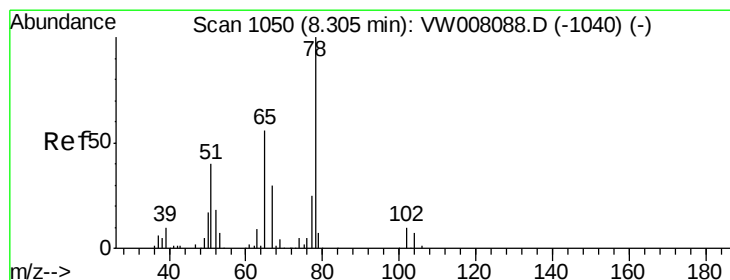
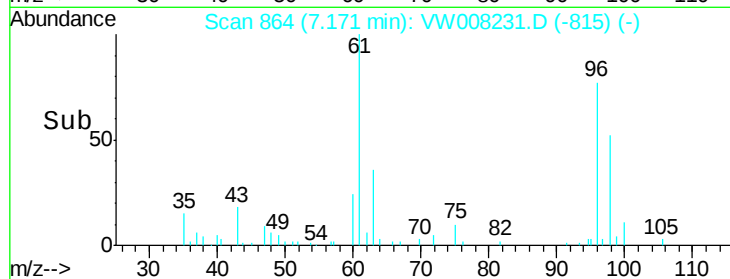
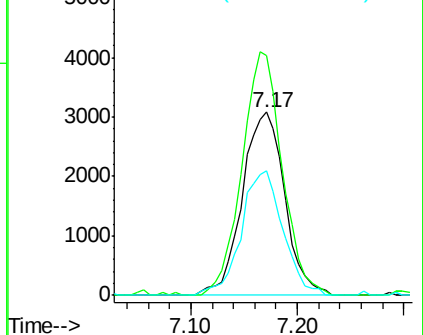
cis-1,2-Dichloroethene
Concen: 8.960 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

Instrument :
MSVOA_W
ClientSampled :
SB-4I(4-4.5)

Tot Ion: 96 Resp: 8628
Ion Ratio Lower Upper
96 100
61 126.0 0.0 300.4
98 66.7 0.0 128.4



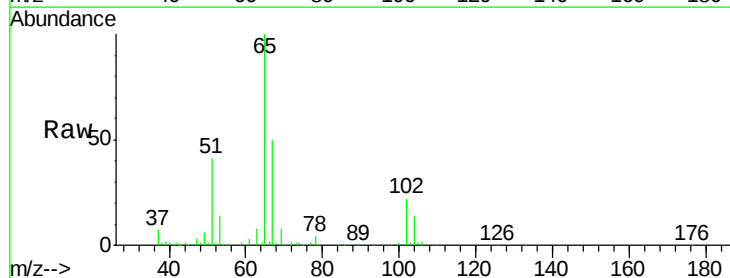
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



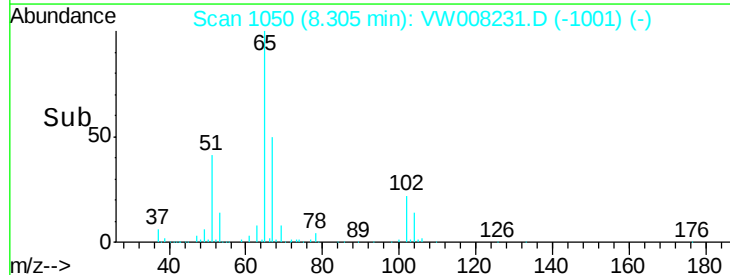
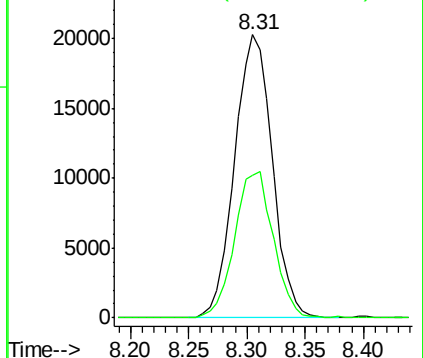
#33

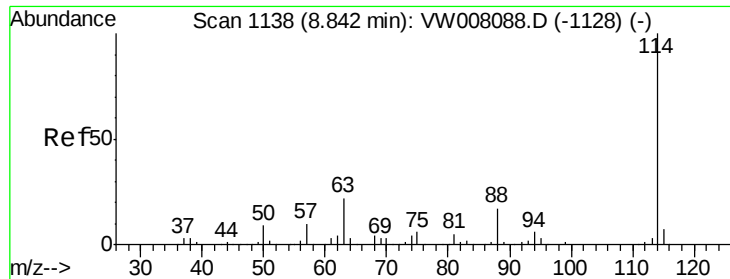
1,2-Dichloroethane-d4
Concen: 54.859 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

Tgt Ion: 65 Resp: 45725
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

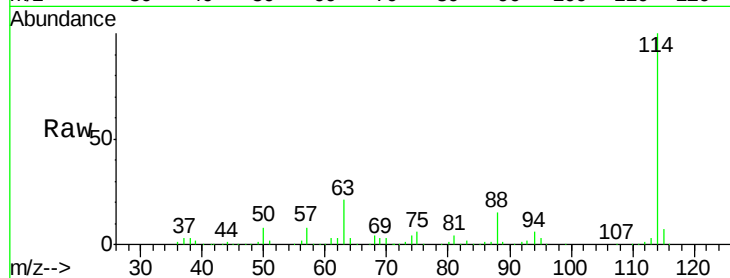




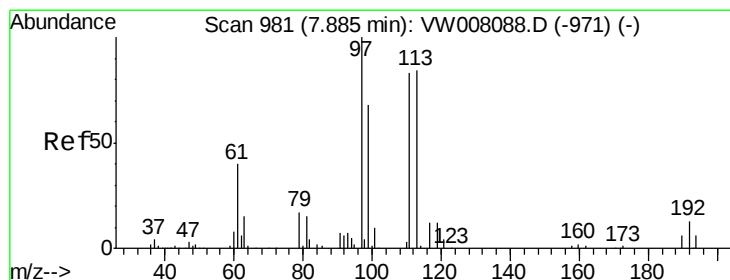
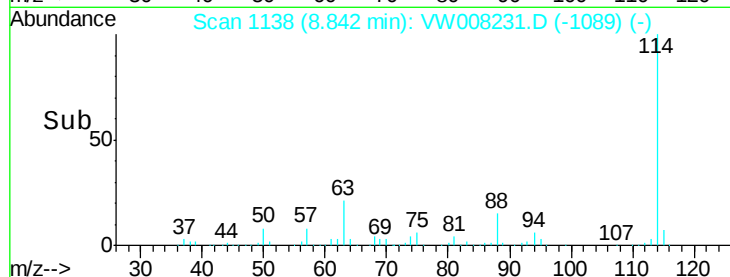
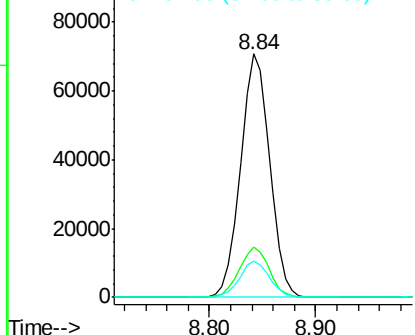
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

Instrument :
MSVOA_W
ClientSampleId :
SB-4I(4-4.5)

Tot Ion:114 Resp: 136257
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 14.9 0.0 33.4

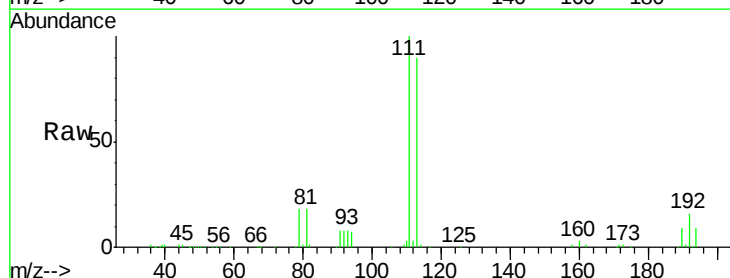


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

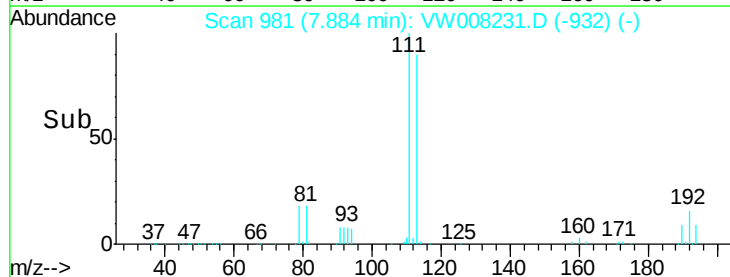
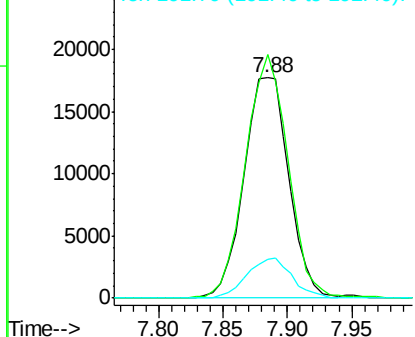


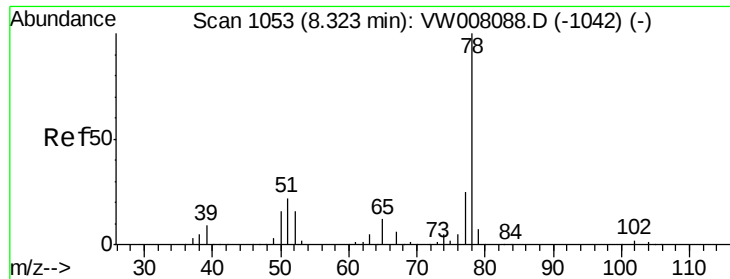
#35
Dibromofluoromethane
Concen: 53.987 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

Tgt Ion:113 Resp: 42904
Ion Ratio Lower Upper
113 100
111 105.0 81.8 122.8
192 18.0 12.8 19.2



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





#40

Benzene

Concen: 1.058 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008231.D

Acq: 12 Jan 2019 09:48

Instrument :

MSVOA_W

ClientSampleId :

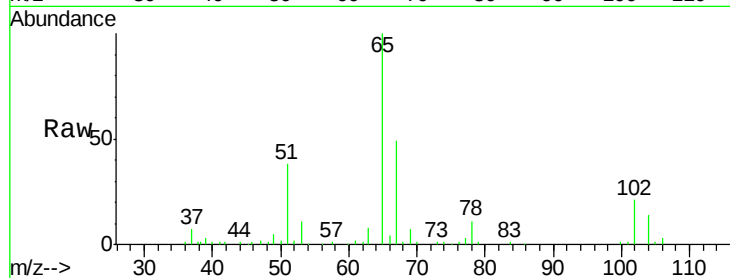
SB-4I(4-4.5)

Tot Ion: 78 Resp: 4028

Ion Ratio Lower Upper

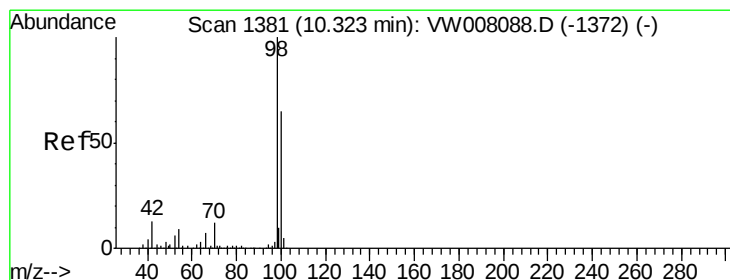
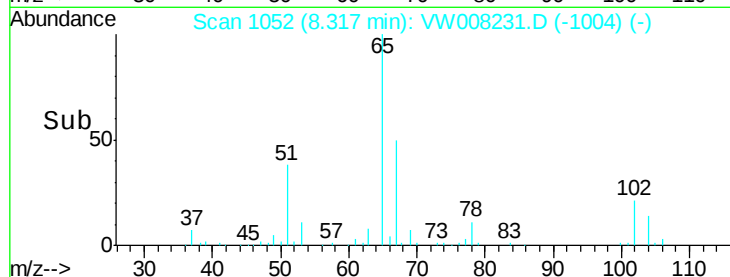
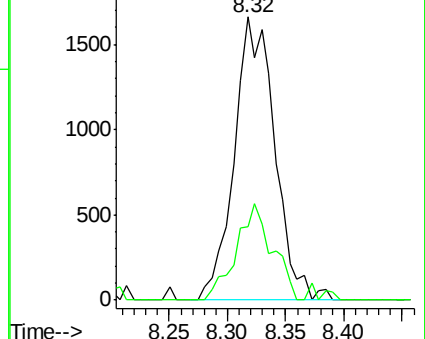
78 100

77 26.1 20.2 30.4



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 51.876 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008231.D

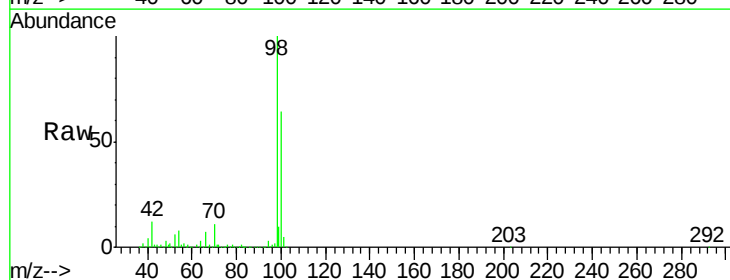
Acq: 12 Jan 2019 09:48

Tgt Ion: 98 Resp: 173001

Ion Ratio Lower Upper

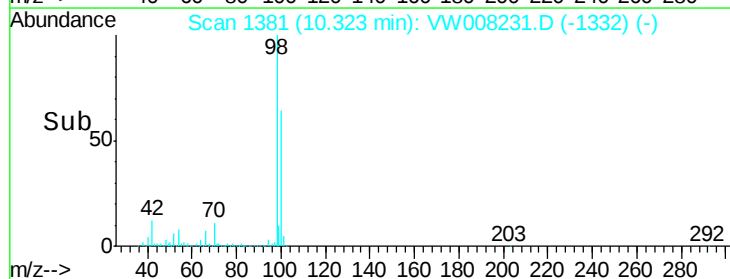
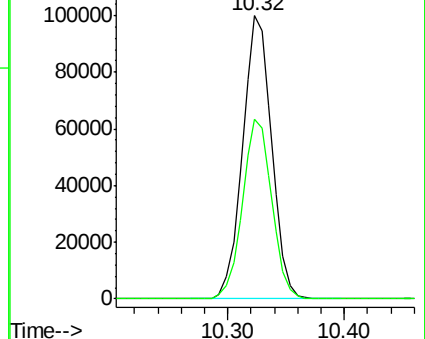
98 100

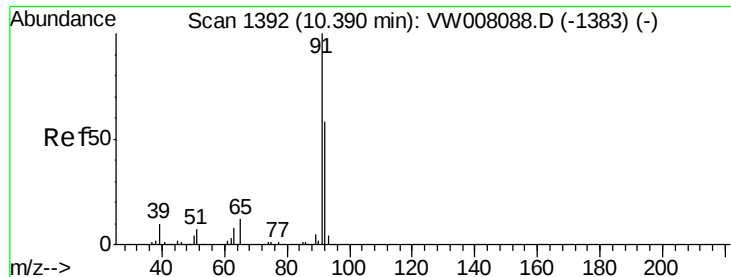
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 13.878 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008231.D

Acq: 12 Jan 2019 09:48

Instrument :

MSVOA_W

ClientSampleId :

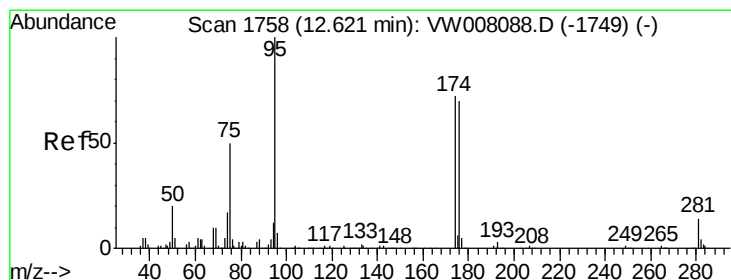
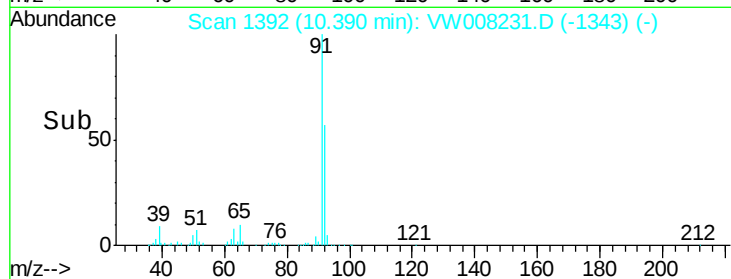
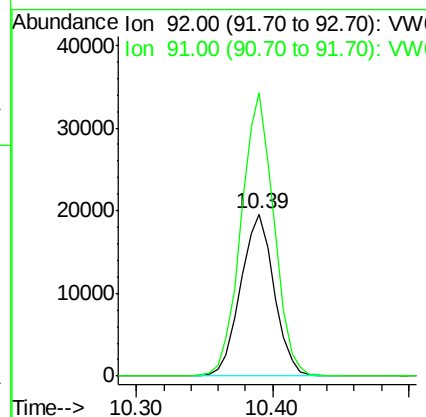
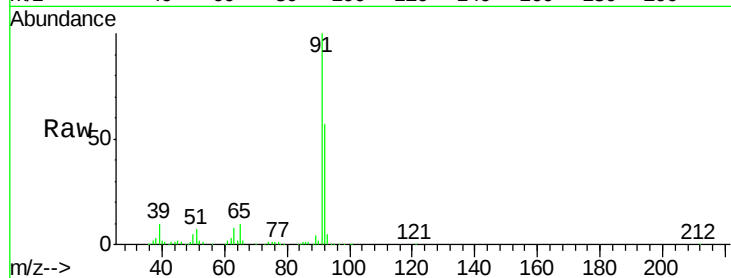
SB-4I(4-4.5)

Tot Ion: 92 Resp: 33742

Ion Ratio Lower Upper

92 100

91 170.2 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 44.493 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008231.D

Acq: 12 Jan 2019 09:48

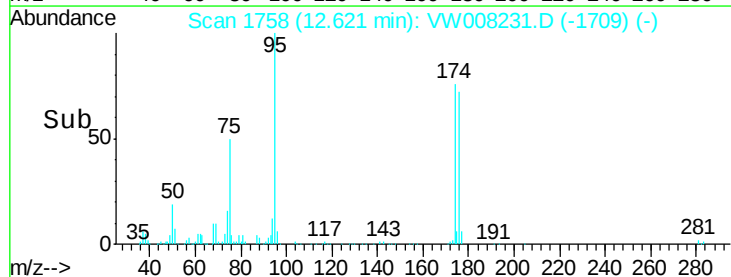
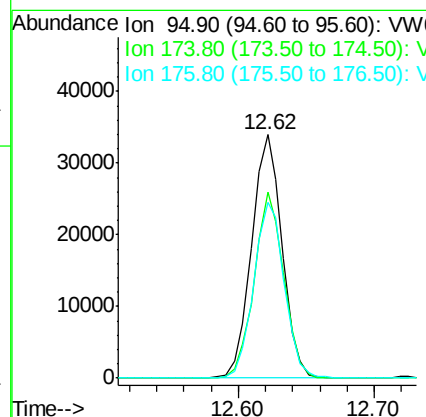
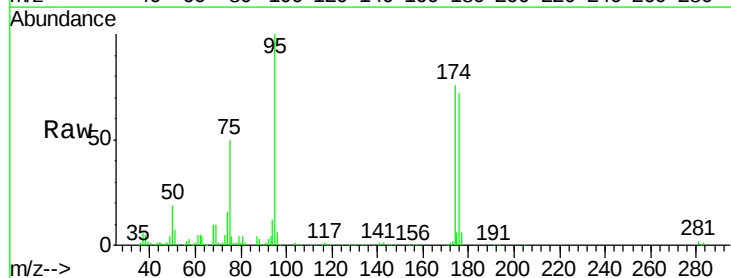
Tgt Ion: 95 Resp: 53194

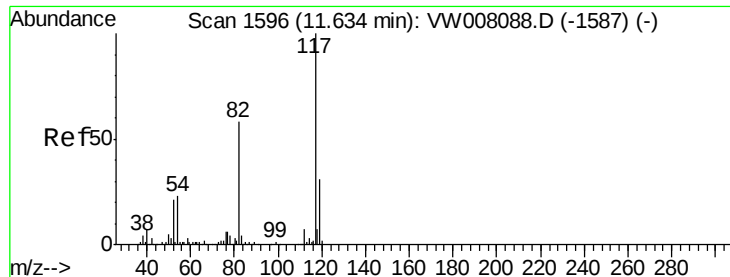
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.0

176 72.4 0.0 140.2

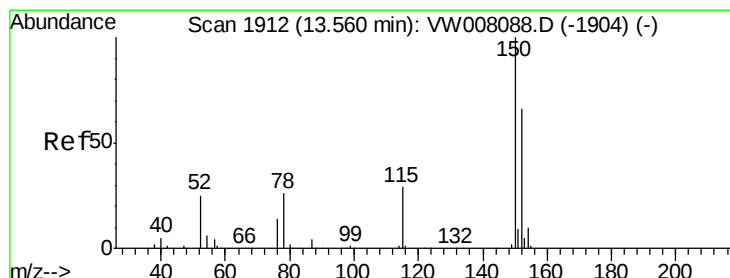
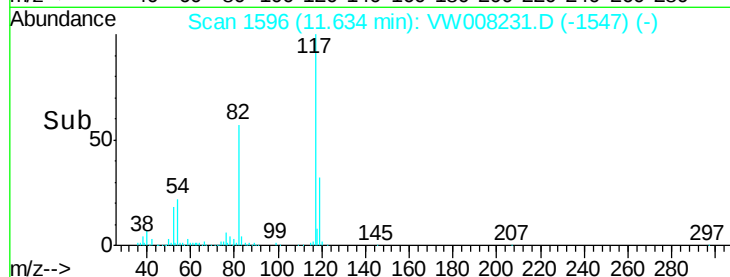
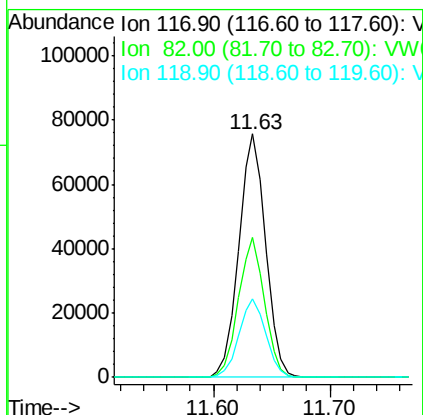
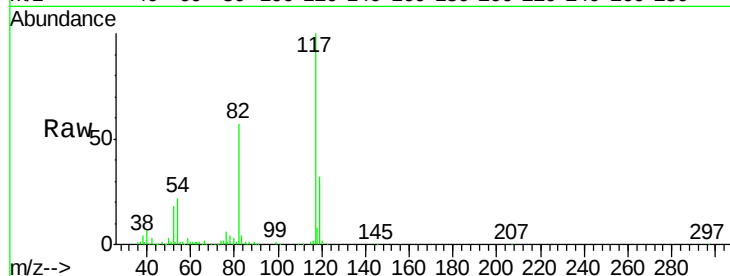




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

Instrument :
MSVOA_W
ClientSampleId :
SB-4I(4-4.5)

Tot Ion:117 Resp: 121432
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 32.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008231.D
Acq: 12 Jan 2019 09:48

Tgt Ion:152 Resp: 48778
Ion Ratio Lower Upper
152 100
115 59.1 30.8 92.4
150 159.0 0.0 350.2

