

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004157.D
 Acq On : 24 Jul 2018 01:35
 Operator : SY/AP
 Sample : J4062-01RE
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3RE

Quant Time: Jul 24 06:48:59 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	62014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	132838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	36618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	73475	106.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	212.00%	
35) Dibromofluoromethane	7.88	113	57756	67.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	135.52%	
50) Toluene-d8	10.33	98	132780	40.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.30%	
62) 4-Bromofluorobenzene	12.62	95	37983	31.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	63.70%	

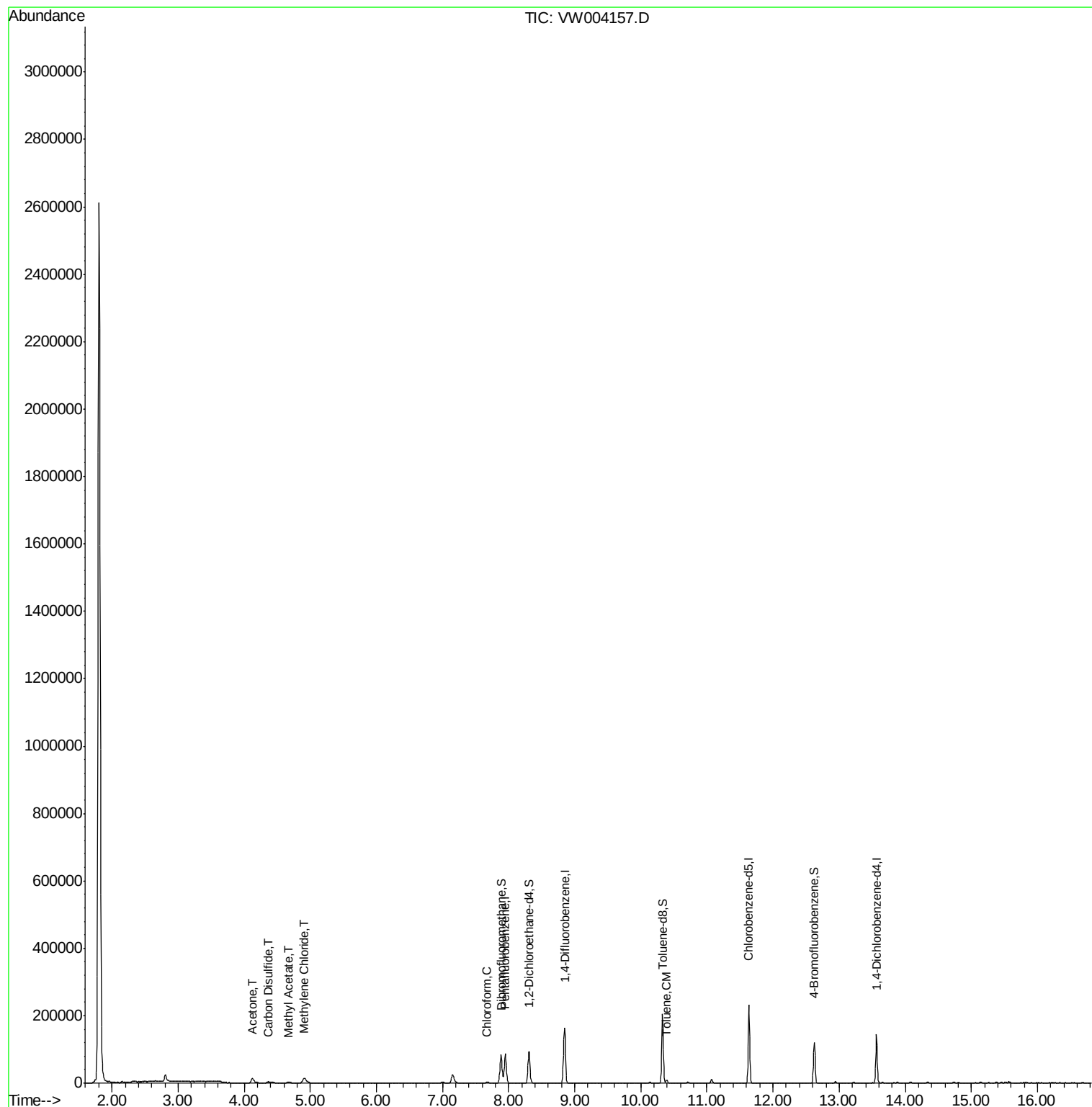
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	24262	145.65	ug/l	95
17) Carbon Disulfide	4.37	76	7632	4.06	ug/l #	92
18) Methyl Acetate	4.67	43	5408	13.53	ug/l	100
20) Methylene Chloride	4.91	84	13157	11.90	ug/l	94
30) Chloroform	7.67	83	3119	2.56	ug/l #	71
52) Toluene	10.38	92	2981	1.27	ug/l	94

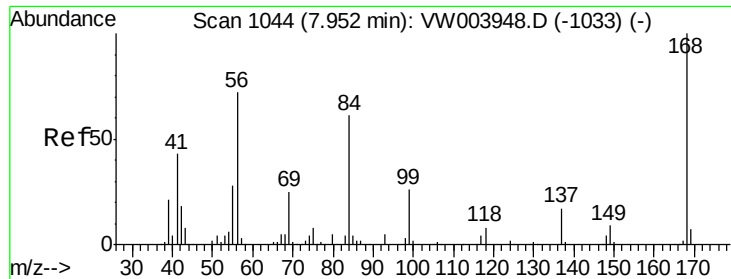
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004157.D

Acq: 24 Jul 2018 01:35

Instrument :

MSVOA_W

ClientSampled :

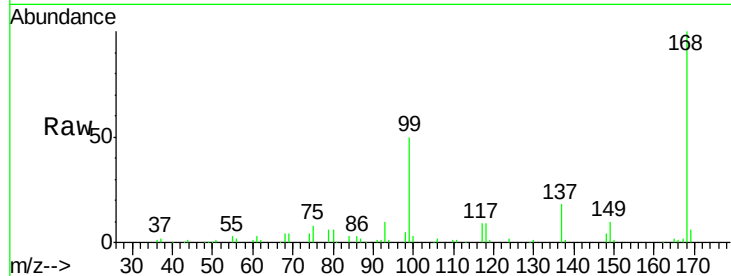
TP-3RE

Tot Ion:168 Resp: 62014

Ion Ratio Lower Upper

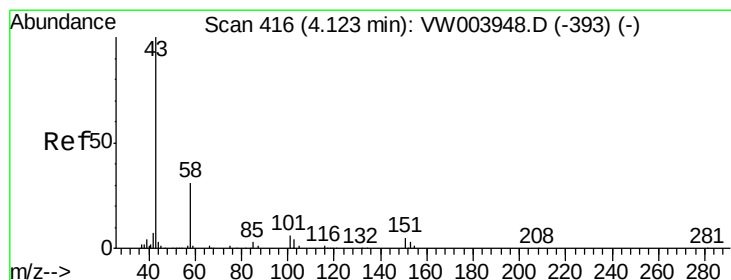
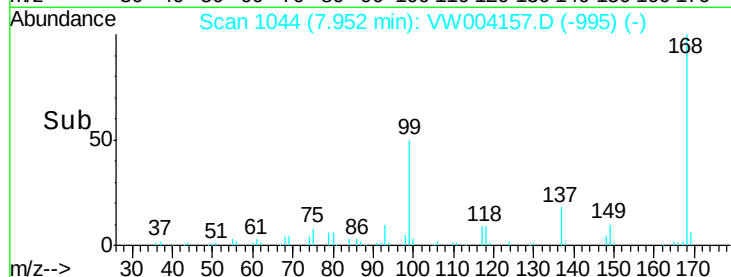
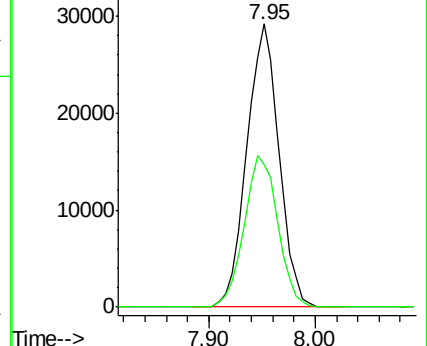
168 100

99 50.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 145.65 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004157.D

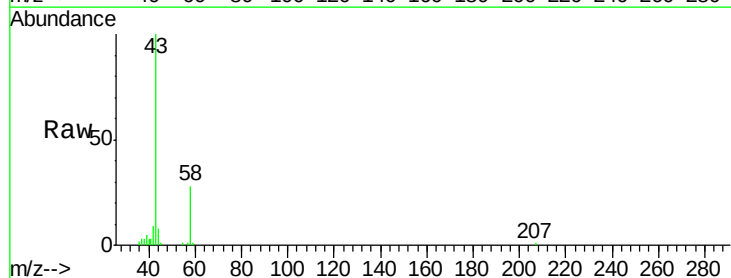
Acq: 24 Jul 2018 01:35

Tgt Ion: 43 Resp: 24262

Ion Ratio Lower Upper

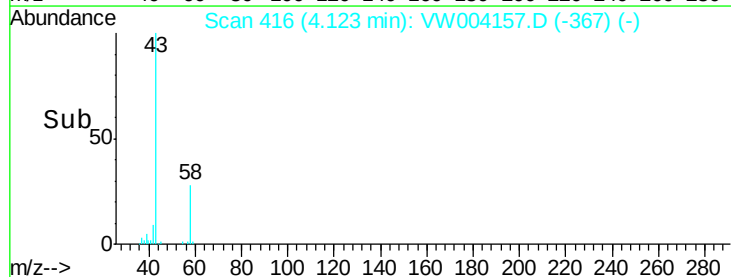
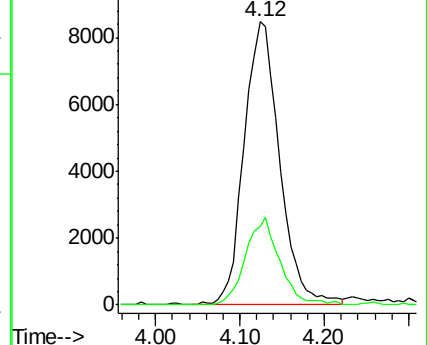
43 100

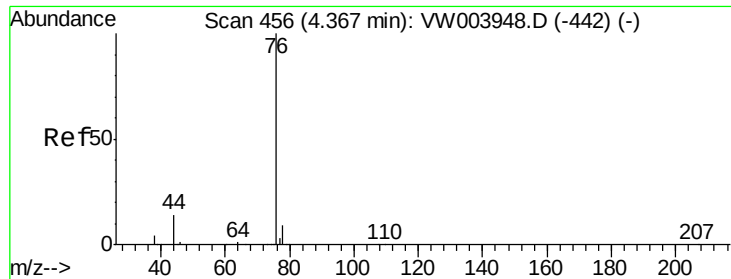
58 27.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

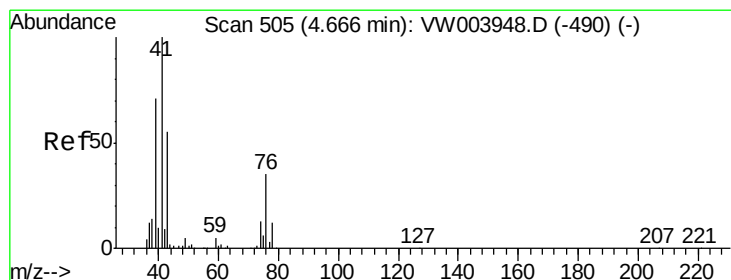
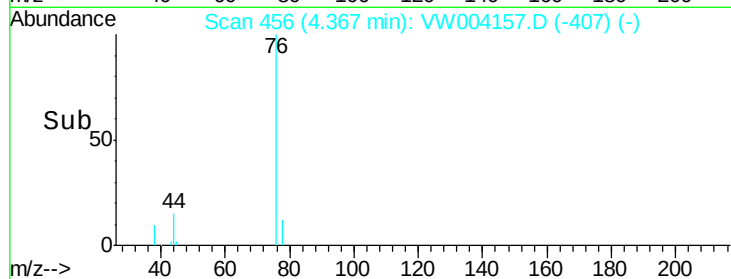
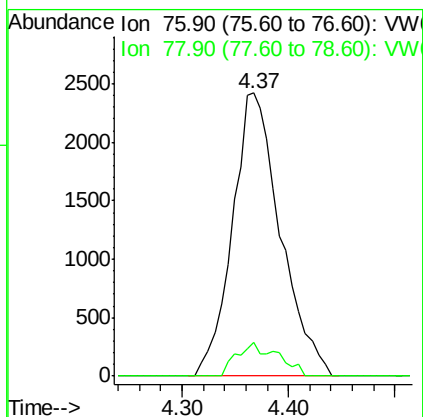
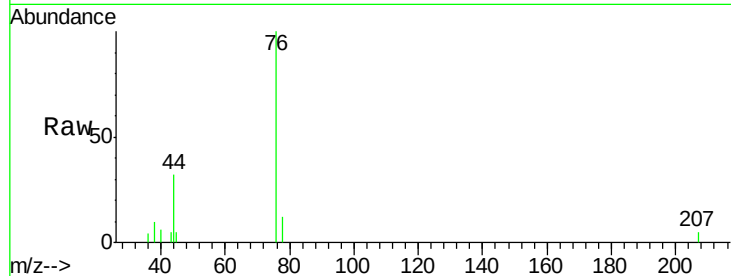




#17
Carbon Disulfide
Concen: 4.06 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004157.D
Acq: 24 Jul 2018 01:35

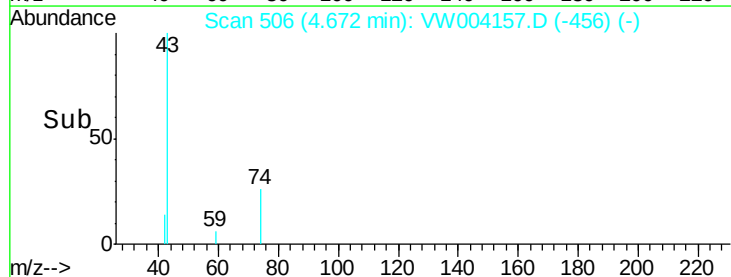
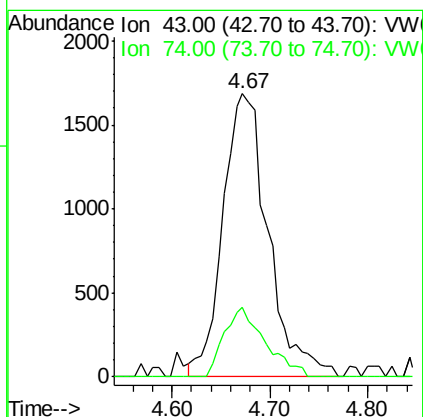
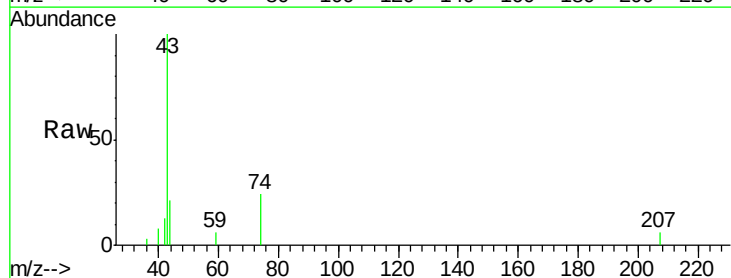
Instrument :
MSVOA_W
ClientSampled :
TP-3RE

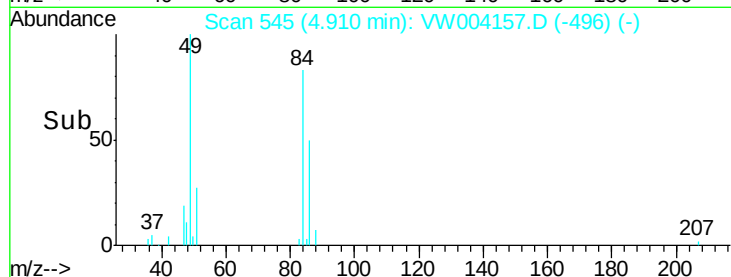
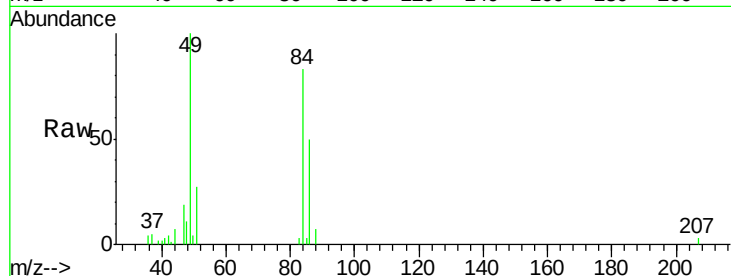
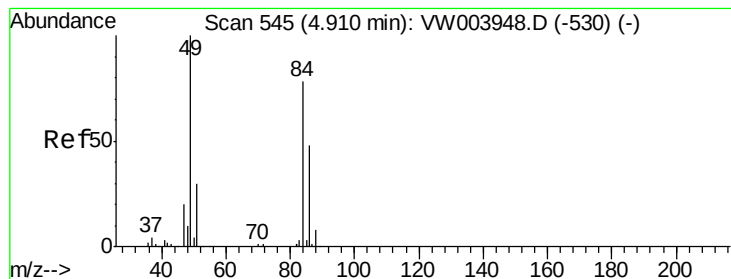
Tot Ion: 76 Resp: 7632
Ion Ratio Lower Upper
76 100
78 11.8 7.1 10.7#



#18
Methyl Acetate
Concen: 13.53 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW004157.D
Acq: 24 Jul 2018 01:35

Tgt Ion: 43 Resp: 5408
Ion Ratio Lower Upper
43 100
74 22.3 17.7 26.5





#20

Methylene Chloride

Concen: 11.90 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004157.D

Acq: 24 Jul 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

TP-3RE

Tot Ion: 84 Resp: 13157

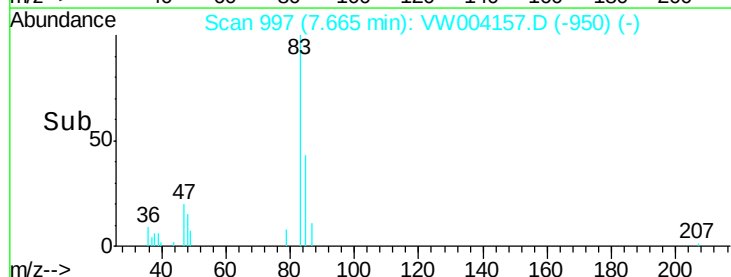
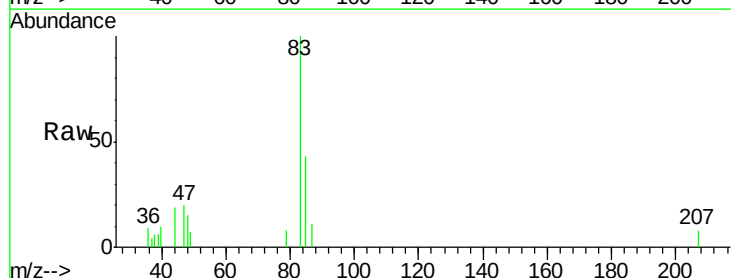
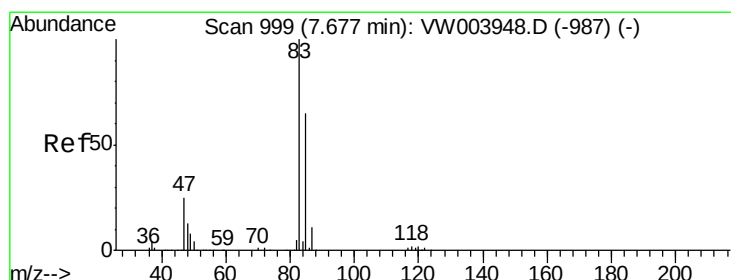
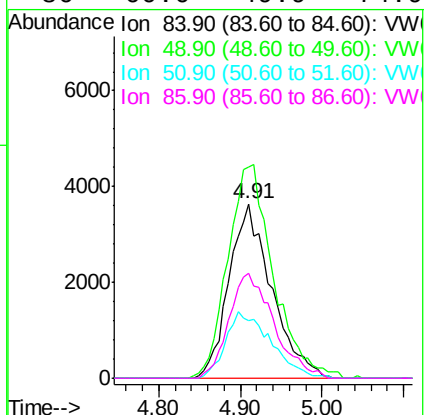
Ion Ratio Lower Upper

84 100

49 121.1 102.9 154.3

51 32.9 30.9 46.3

86 60.0 49.9 74.9



#30

Chloroform

Concen: 2.56 ug/l

RT: 7.67 min Scan# 997

Delta R.T. -0.01 min

Lab File: VW004157.D

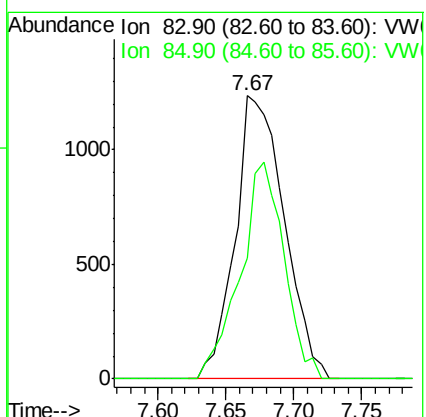
Acq: 24 Jul 2018 01:35

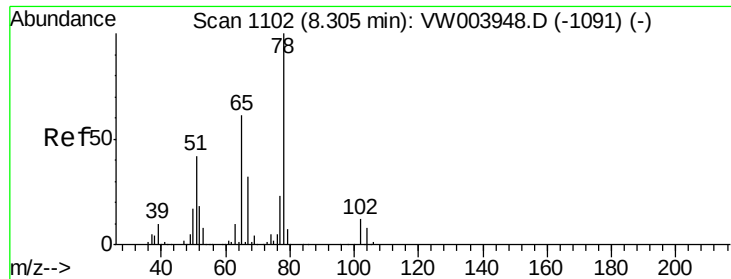
Tgt Ion: 83 Resp: 3119

Ion Ratio Lower Upper

83 100

85 42.6 52.2 78.4#

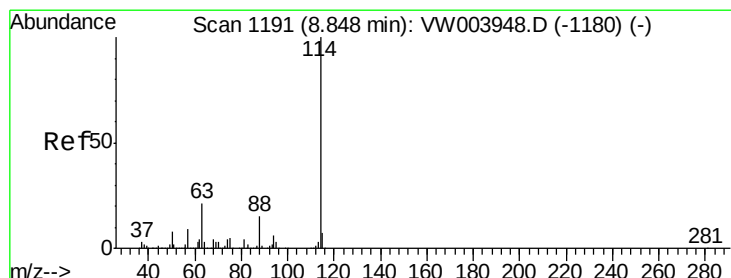
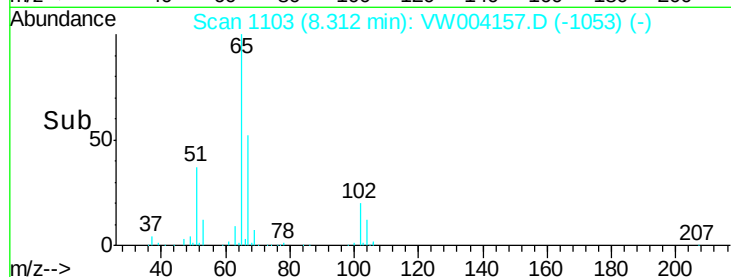
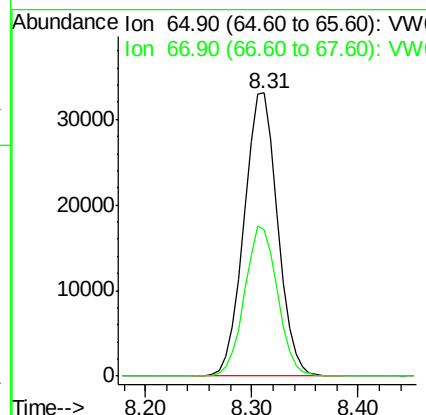
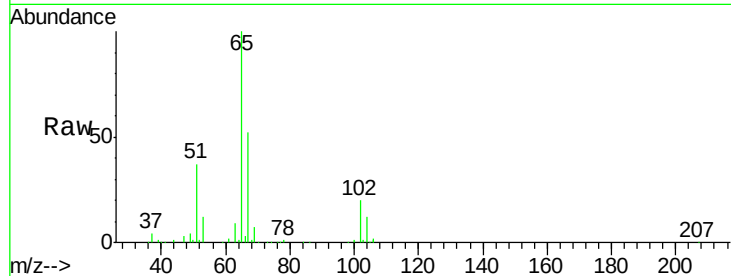




#33
 1,2-Dichloroethane-d4
 Concen: 106.00 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004157.D
 Acq: 24 Jul 2018 01:35

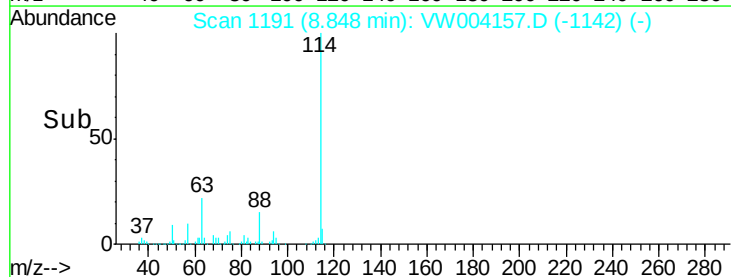
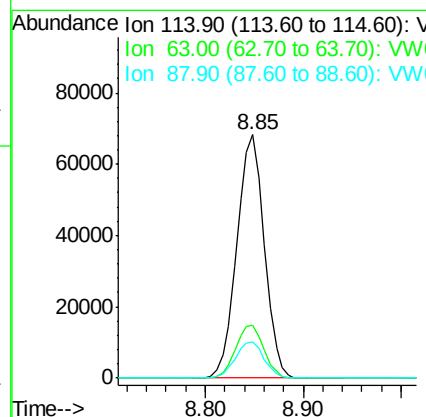
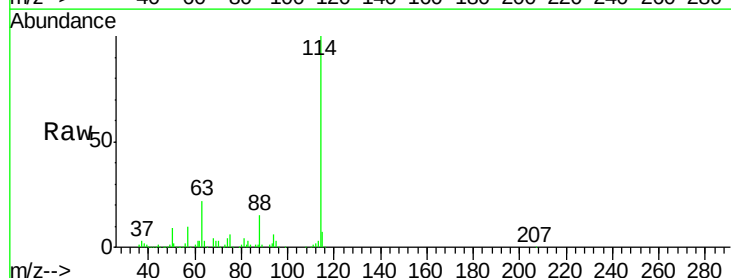
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3RE

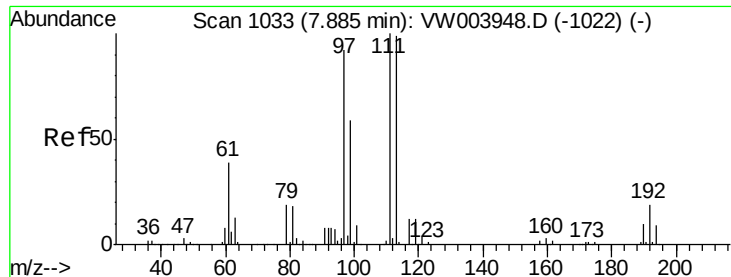
Tot Ion: 65 Resp: 73475
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004157.D
 Acq: 24 Jul 2018 01:35

Tgt Ion: 114 Resp: 132838
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 67.76 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004157.D

Acq: 24 Jul 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
TP-3RE

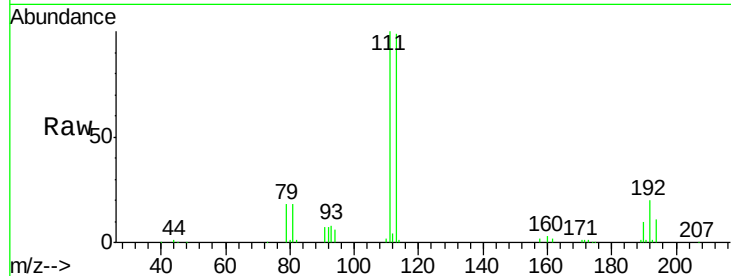
Tot Ion:113 Resp: 57756

Ion Ratio Lower Upper

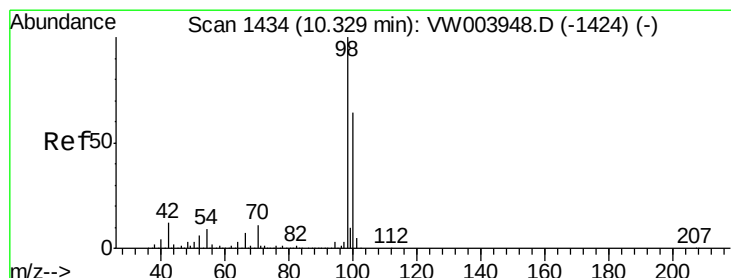
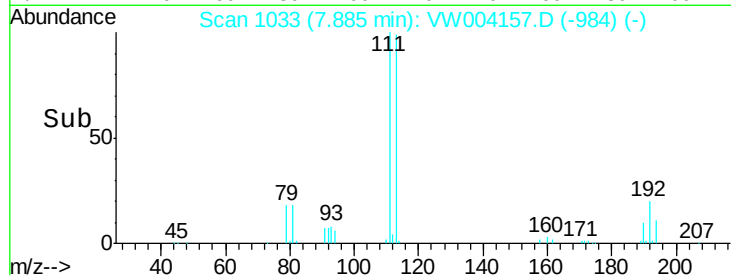
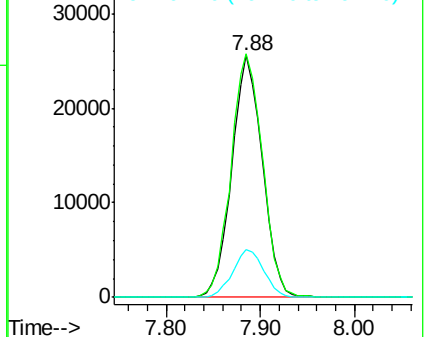
113 100

111 104.0 81.3 121.9

192 20.1 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: 40.15 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004157.D

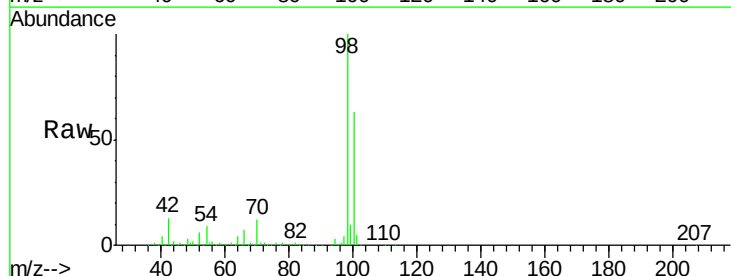
Acq: 24 Jul 2018 01:35

Tgt Ion: 98 Resp: 132780

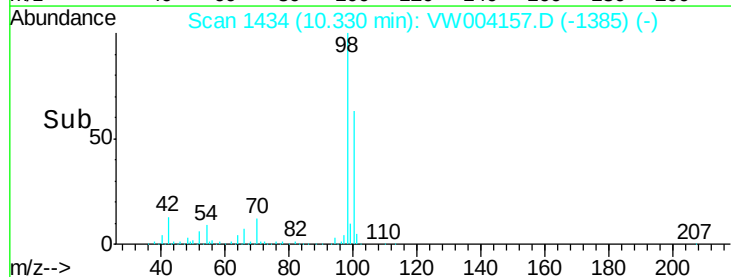
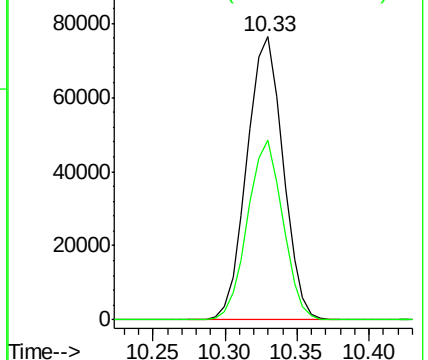
Ion Ratio Lower Upper

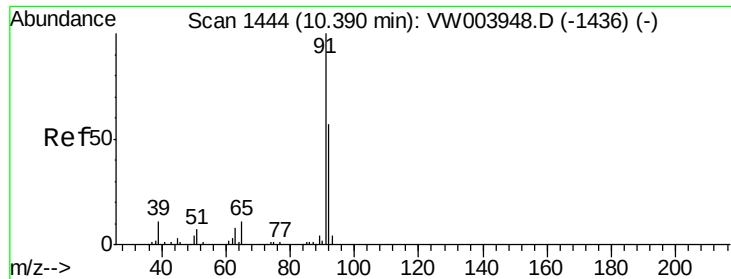
98 100

100 61.8 51.2 76.8



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





#52

Toluene

Concen: 1.27 ug/l

RT: 10.38 min Scan# 1443

Delta R.T. -0.01 min

Lab File: VW004157.D

Acq: 24 Jul 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

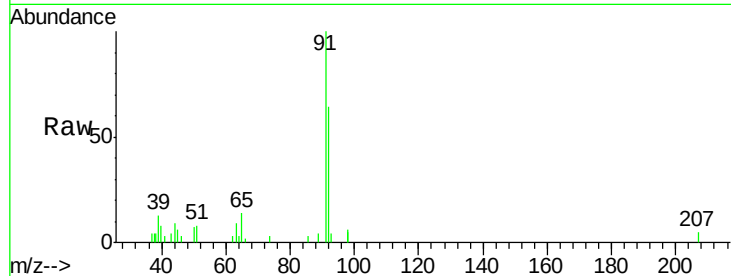
TP-3RE

Tot Ion: 92 Resp: 2981

Ion Ratio Lower Upper

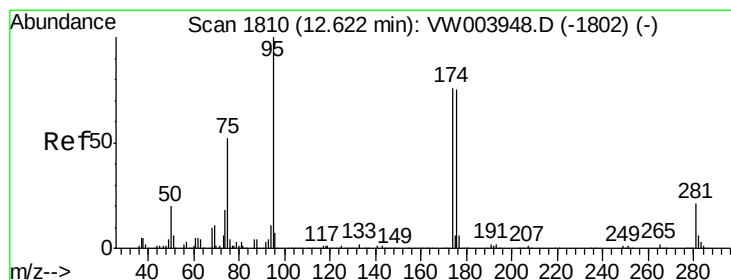
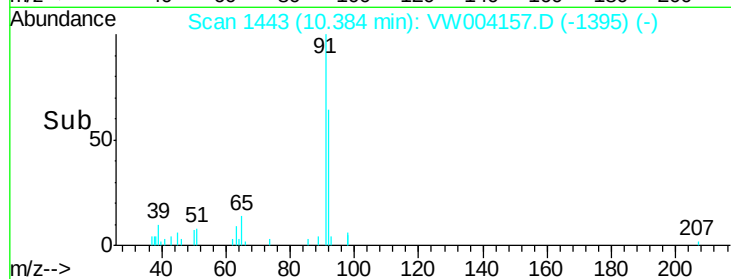
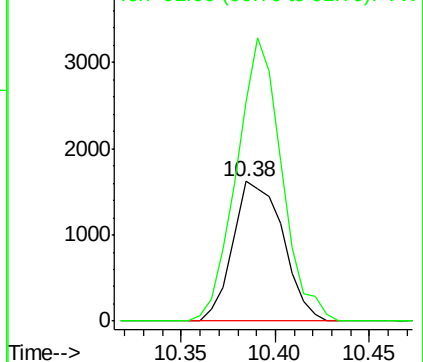
92 100

91 182.7 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 31.85 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004157.D

Acq: 24 Jul 2018 01:35

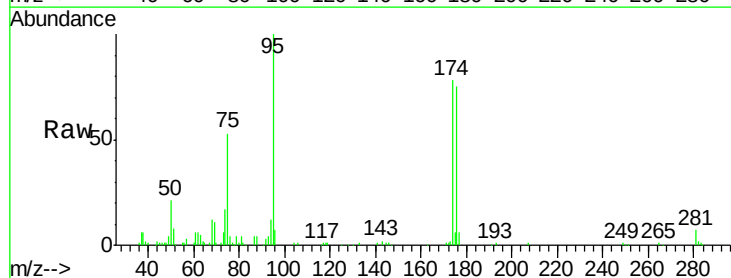
Tgt Ion: 95 Resp: 37983

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.2

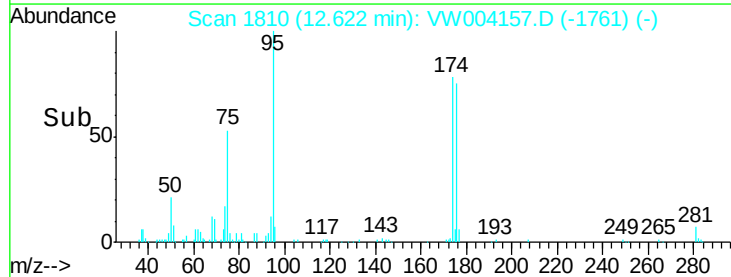
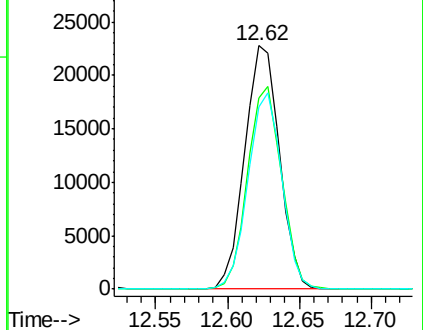
176 78.3 0.0 155.8

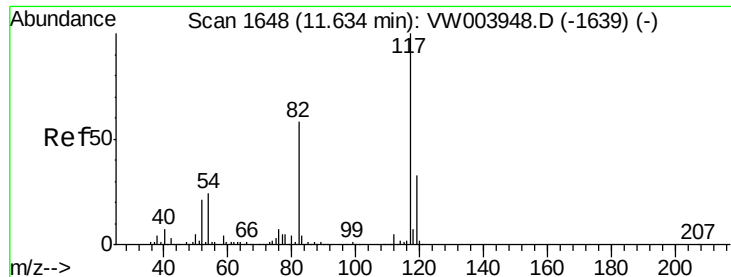


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

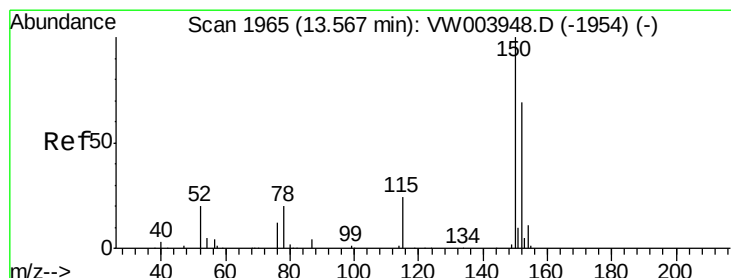
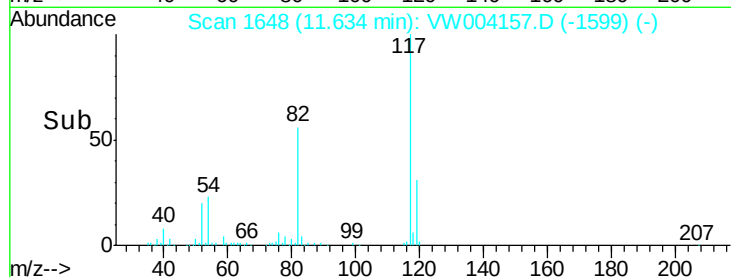
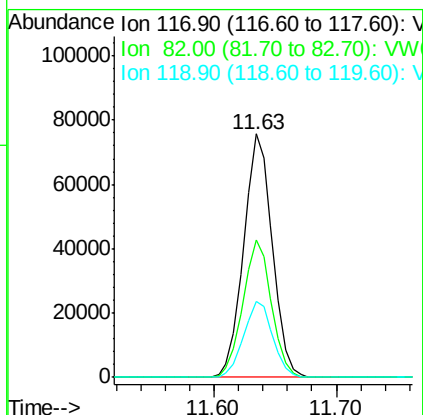
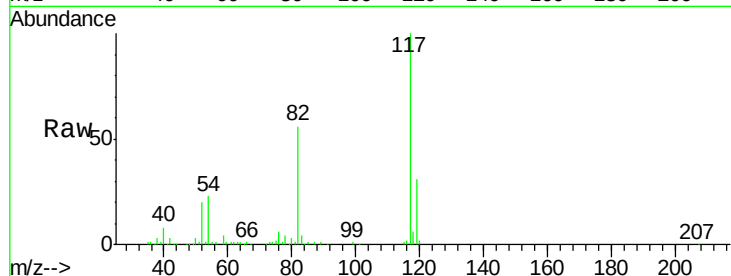




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004157.D
Acq: 24 Jul 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
TP-3RE

Tot Ion:117 Resp: 122912
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 31.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004157.D
Acq: 24 Jul 2018 01:35

Tgt Ion:152 Resp: 36618
Ion Ratio Lower Upper
152 100
115 60.4 29.2 87.6
150 159.3 0.0 345.2

