

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
 Data File : VW003308.D
 Acq On : 15 Jun 2018 22:19
 Operator : SY/AP
 Sample : J3458-03RE
 Misc : 5.56G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 16 03:50:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

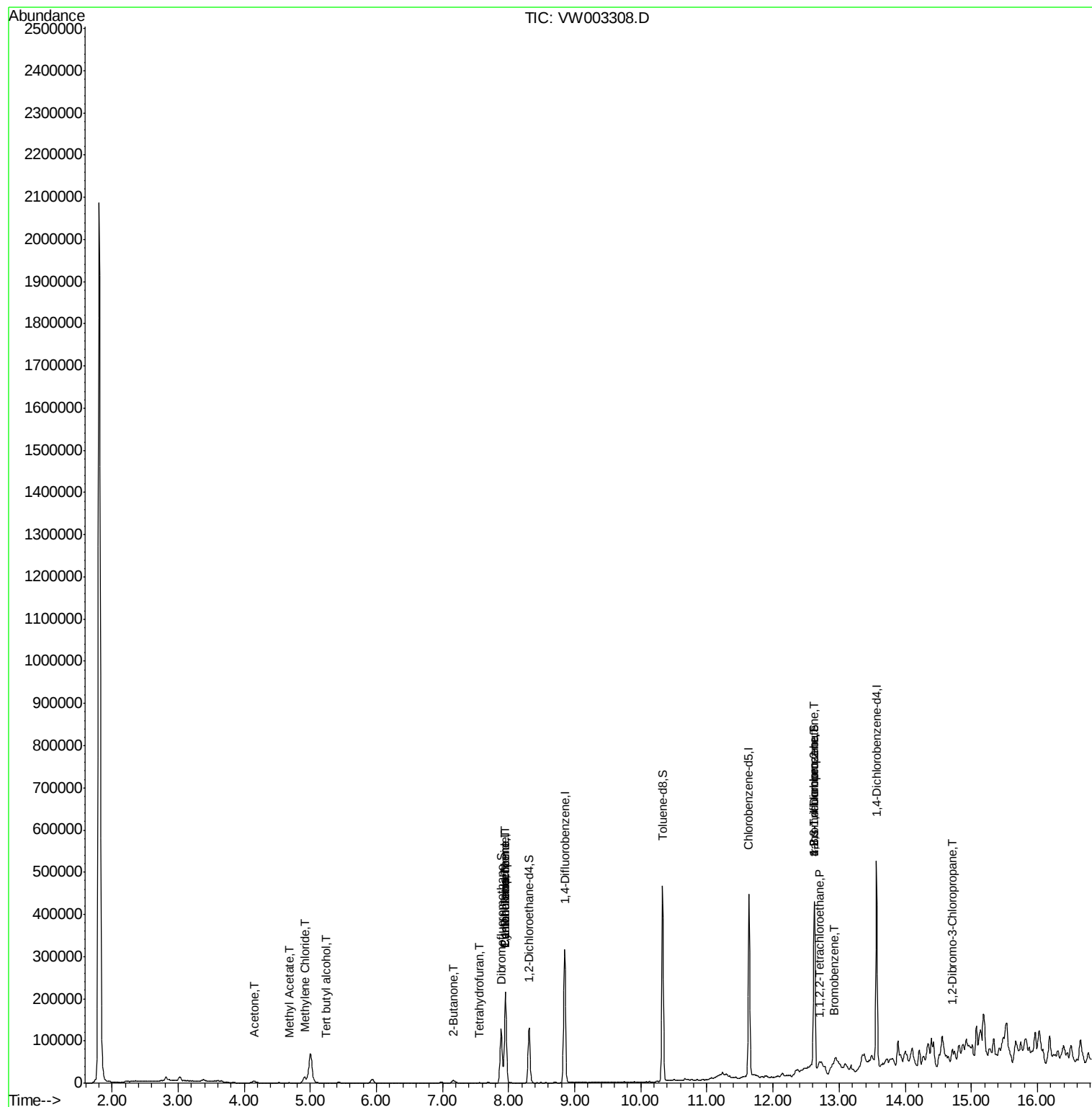
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	251433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	231032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105162	62.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.46%	
35) Dibromofluoromethane	7.88	113	87819	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	10.33	98	296480	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.62	95	120023	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	160	1.780	ug/l #	84
16) Acetone	4.15	43	8645	24.588	ug/l	100
18) Methyl Acetate	4.68	43	1223	1.466	ug/l #	60
20) Methylene Chloride	4.92	84	10699	3.770	ug/l #	93
25) 2-Butanone	7.18	43	501	1.146	ug/l #	64
29) Tetrahydrofuran	7.55	42	687	2.571	ug/l #	58
31) Cyclohexane	7.95	56	4481	1.654	ug/l #	35
36) 1,1-Dichloropropene	7.95	75	12943	5.330	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15364	6.451	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.70	83	5551	3.845	ug/l #	33
76) 1,2,3-Trichloropropane	12.62	75	66768	63.657	ug/l #	100
77) Bromobenzene	12.92	156	14941	7.518	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	66768	146.479	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.72	75	281	1.157	ug/l	62

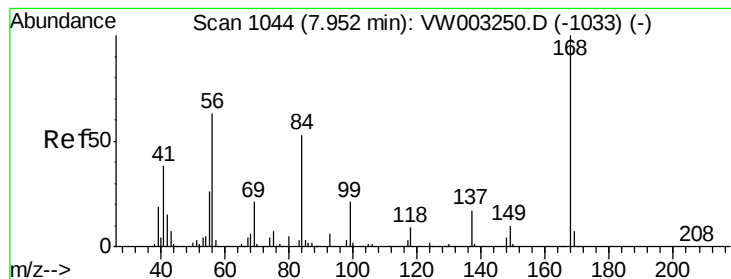
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061518\
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Quant Title : SW846 8260
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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: VW003308.D

Acq: 15 Jun 2018 22:19

Instrument :

MSVOA_W

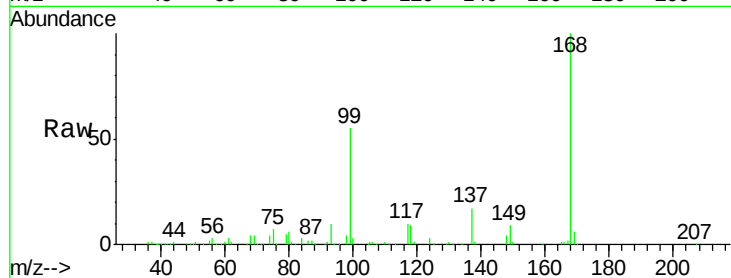
ClientSampled :

Tot Ion:168 Resp: 154769

Ion Ratio Lower Upper

168 100

99 55.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

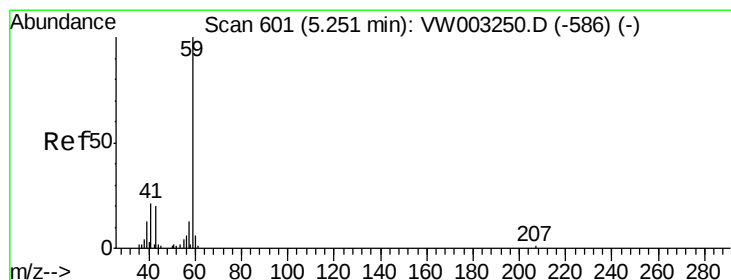
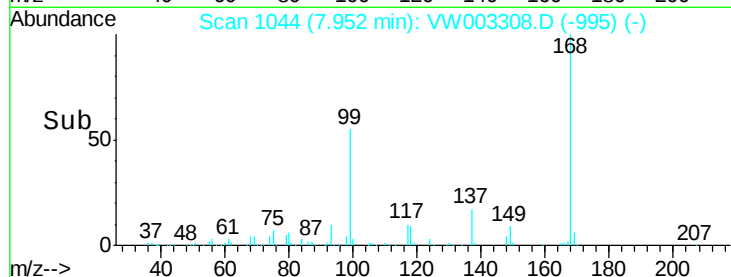
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.780 ug/l

RT: 5.24 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003308.D

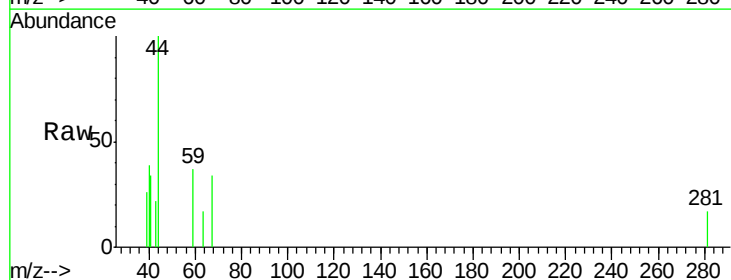
Acq: 15 Jun 2018 22:19

Tgt Ion: 59 Resp: 160

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

150

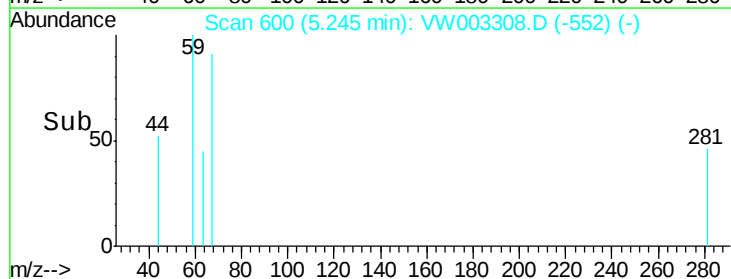
100

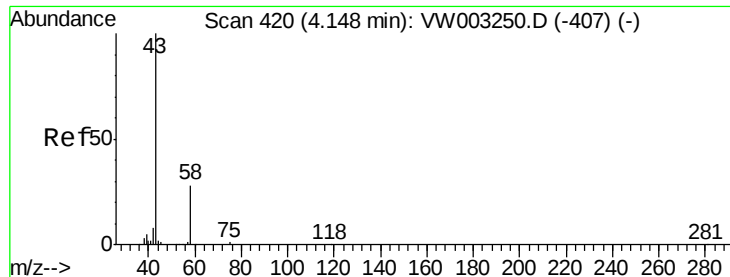
50

0

5.22 5.23 5.24 5.25

Time-->





#16

Acetone

Concen: 24.588 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003308.D

Acq: 15 Jun 2018 22:19

Instrument :

MSVOA_W

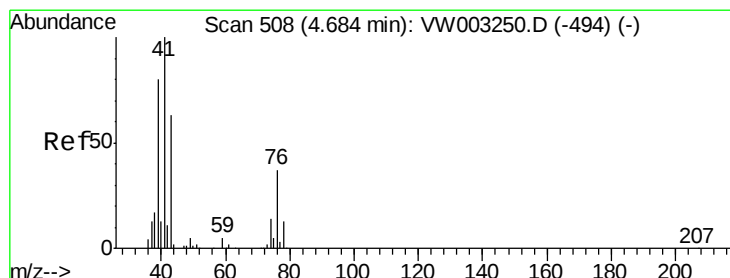
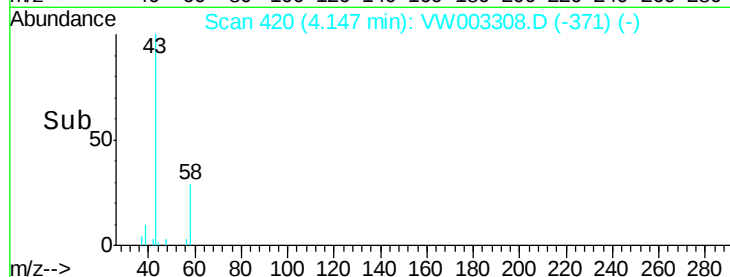
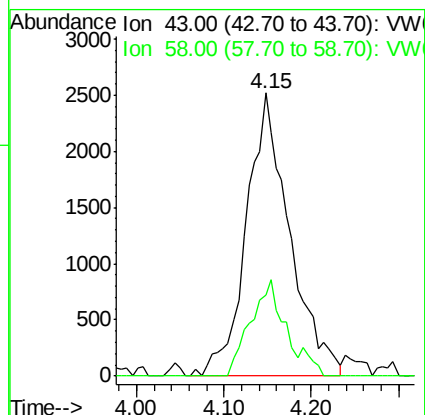
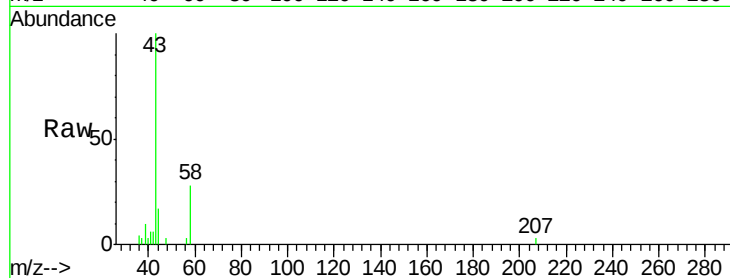
ClientSampled :

Tot Ion: 43 Resp: 8645

Ion Ratio Lower Upper

43 100

58 28.5 22.6 34.0



#18

Methyl Acetate

Concen: 1.466 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003308.D

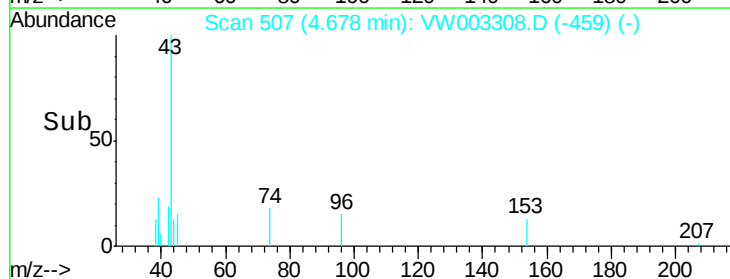
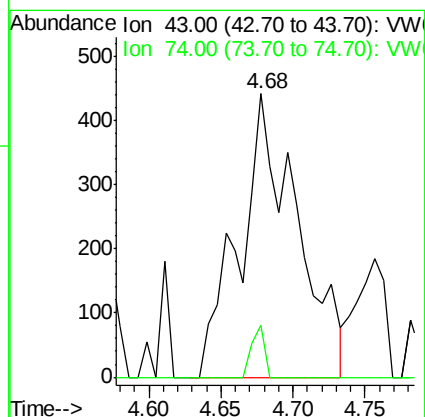
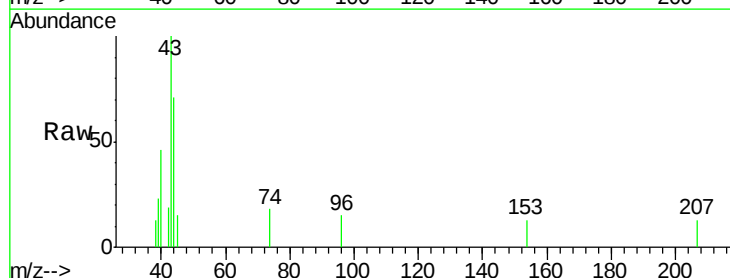
Acq: 15 Jun 2018 22:19

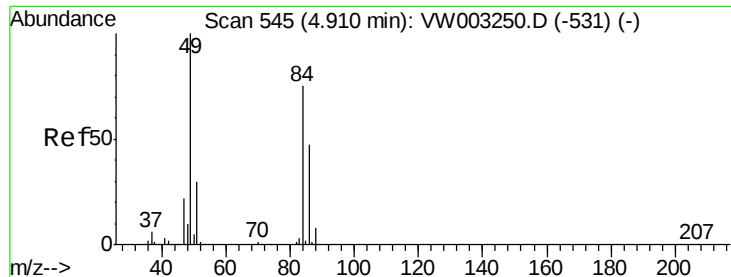
Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

74 4.0 18.7 28.1#

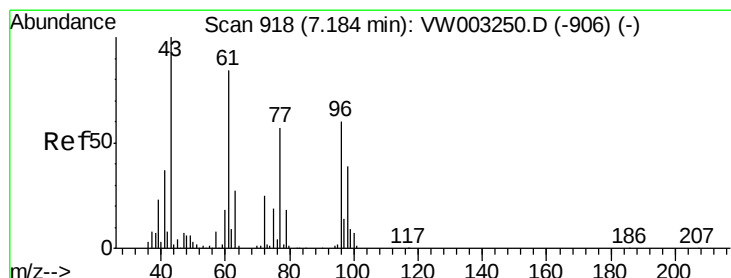
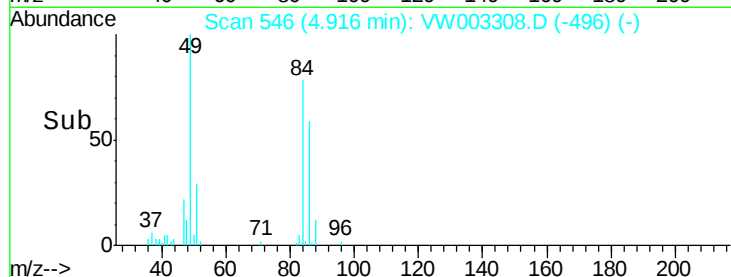
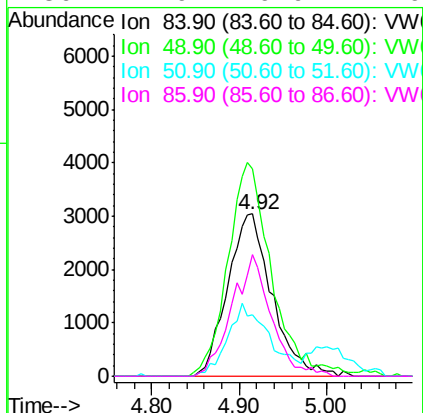
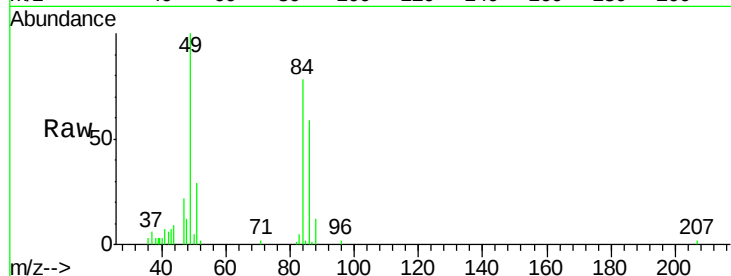




#20
Methvlene Chloride
Concen: 3.770 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

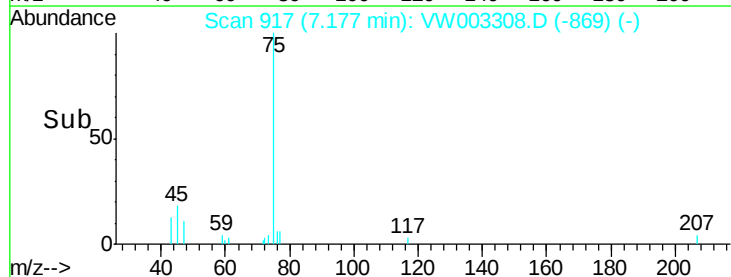
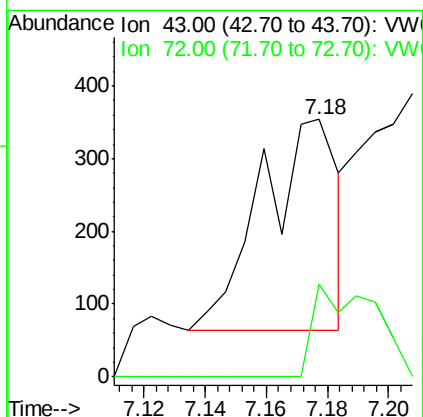
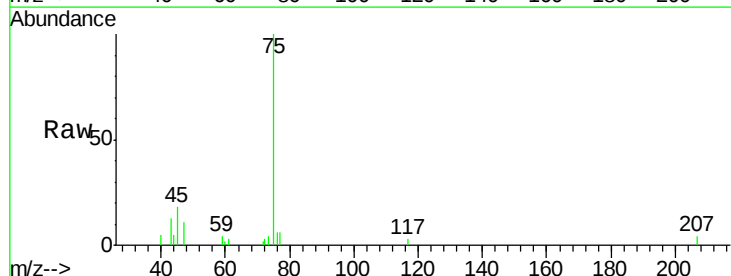
Instrument :
MSVOA_W
ClientSampled :

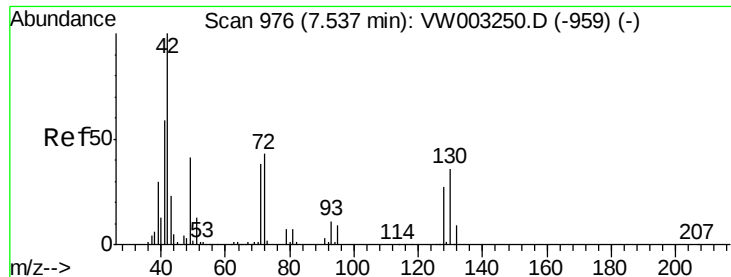
Tot Ion: 84 Resp: 10699
Ion Ratio Lower Upper
84 100
49 127.9 106.3 159.5
51 37.7 32.0 48.0
86 74.9 49.9 74.9#



#25
2-Butanone
Concen: 1.146 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
72 43.8 20.3 30.5#

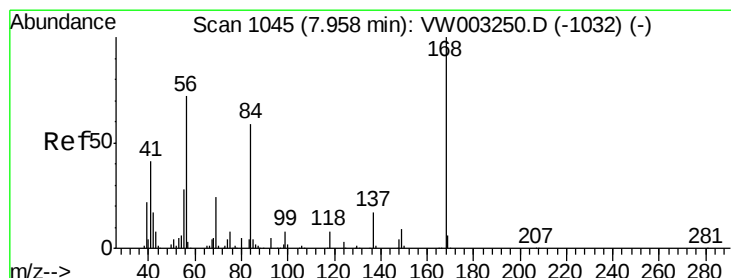
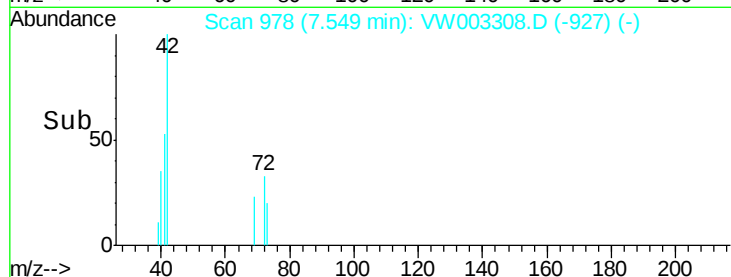
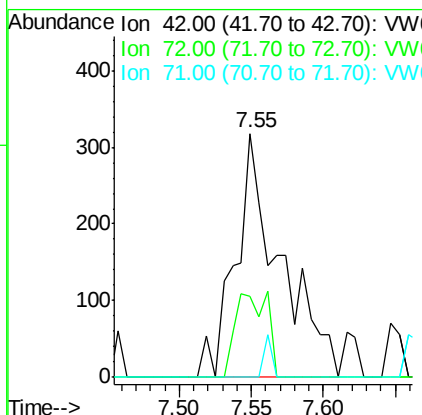
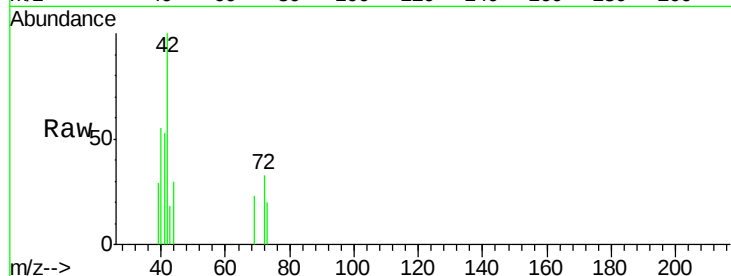




#29
Tetrahydrofuran
Concen: 2.571 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

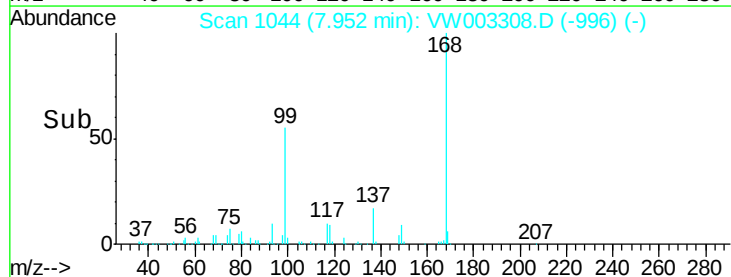
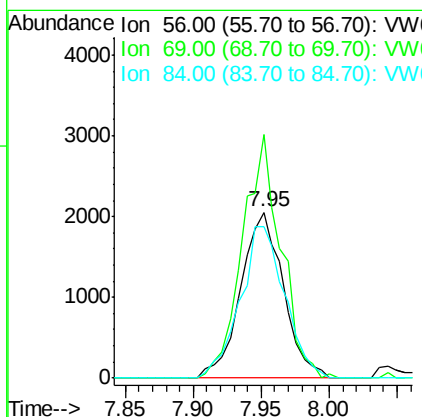
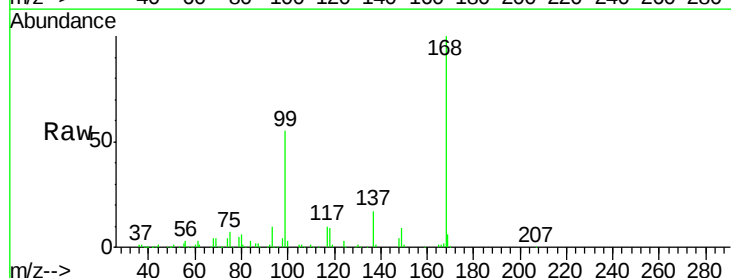
Instrument :
MSVOA_W
ClientSampleId :

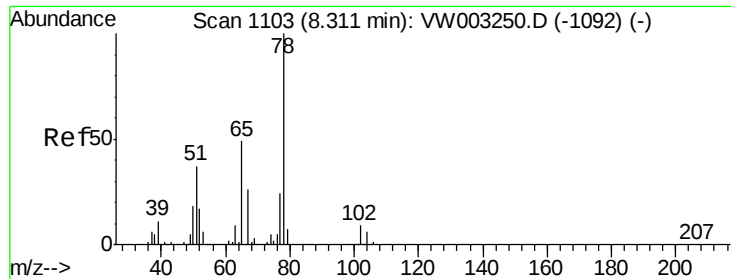
Tot Ion: 42 Resp: 687
Ion Ratio Lower Upper
42 100
72 24.7 32.4 48.6#
71 2.9 31.2 46.8#



#31
Cyclohexane
Concen: 1.654 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

Tgt Ion: 56 Resp: 4481
Ion Ratio Lower Upper
56 100
69 146.7 26.3 39.5#
84 91.6 65.7 98.5

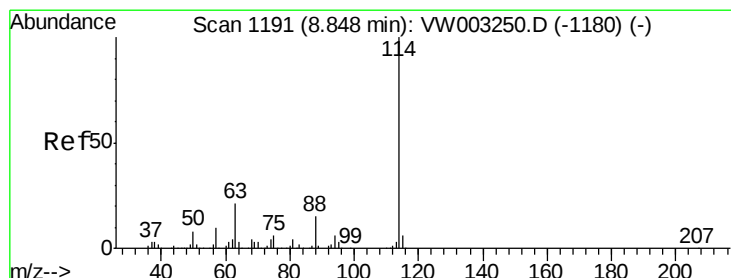
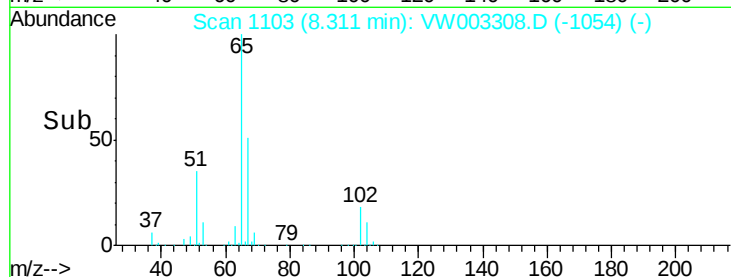
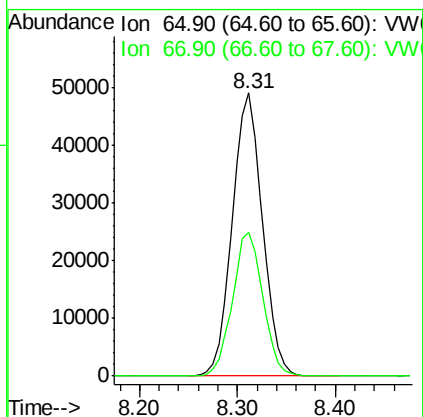
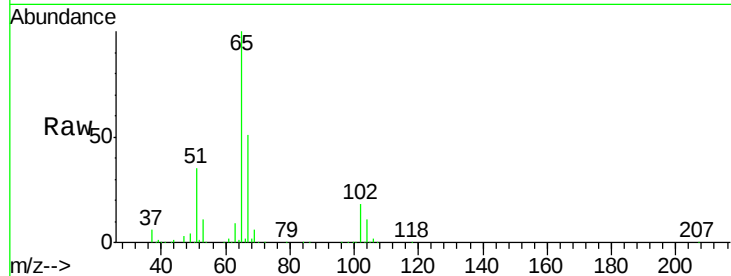




#33
 1,2-Dichloroethane-d4
 Concen: 62.731 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003308.D
 Acq: 15 Jun 2018 22:19

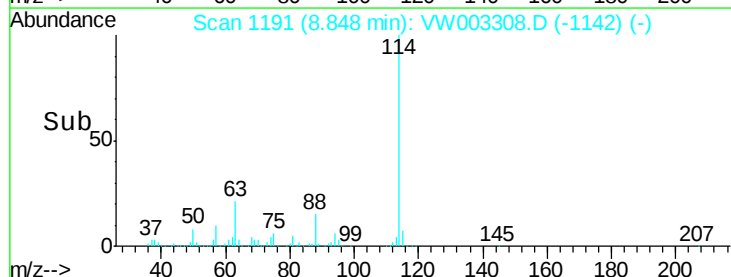
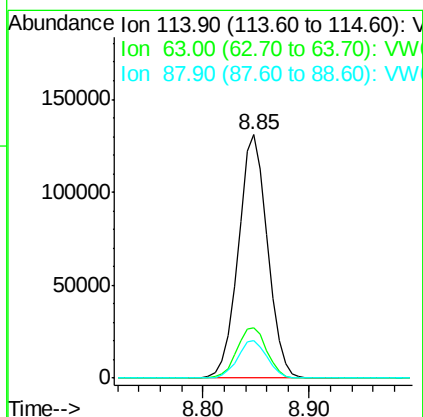
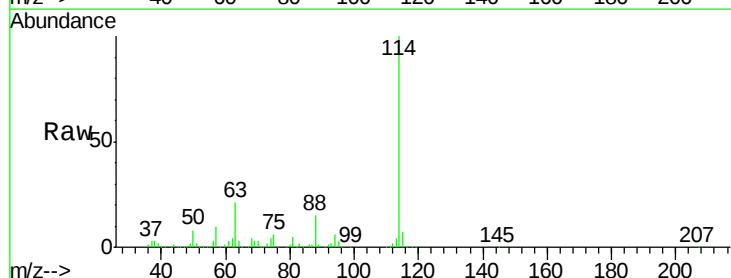
Instrument :
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 ClientSampleId :

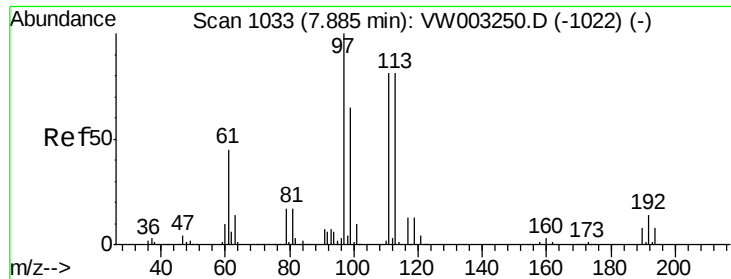
Tot Ion: 65 Resp: 105162
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003308.D
 Acq: 15 Jun 2018 22:19

Tgt Ion: 114 Resp: 251433
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.0
 88 15.2 0.0 29.6

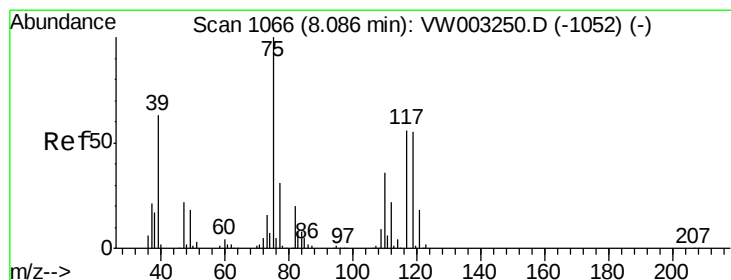
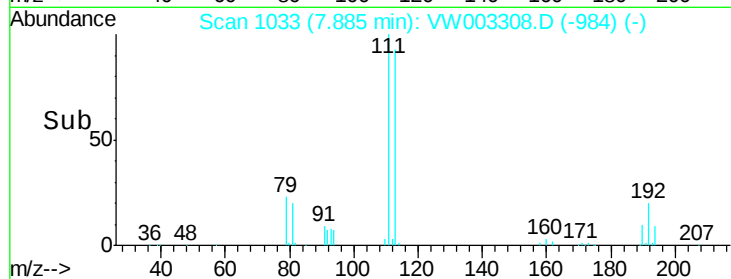
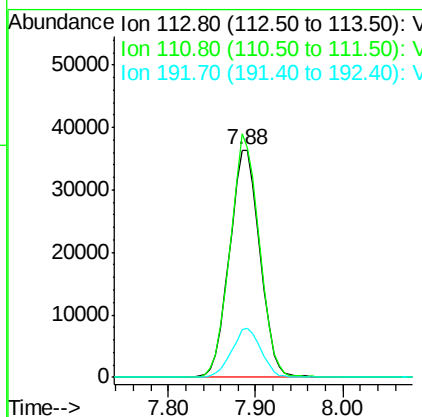
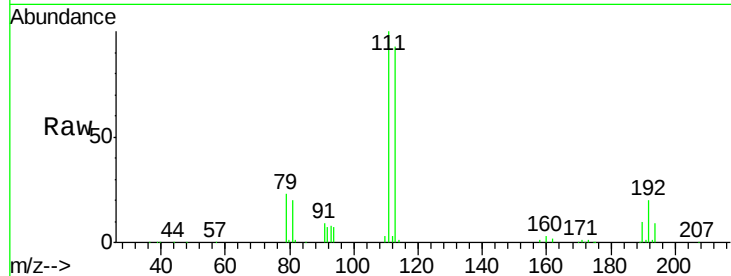




#35
 Dibromofluoromethane
 Concen: 56.210 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003308.D
 Acq: 15 Jun 2018 22:19

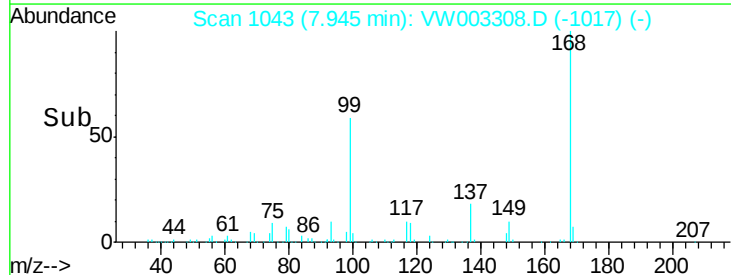
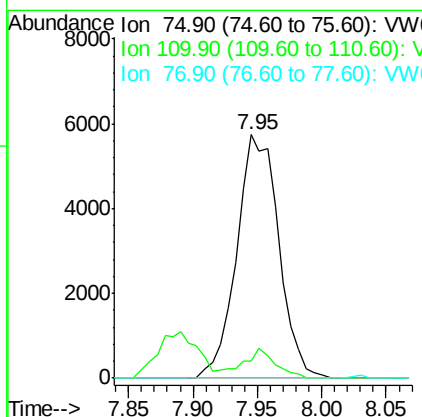
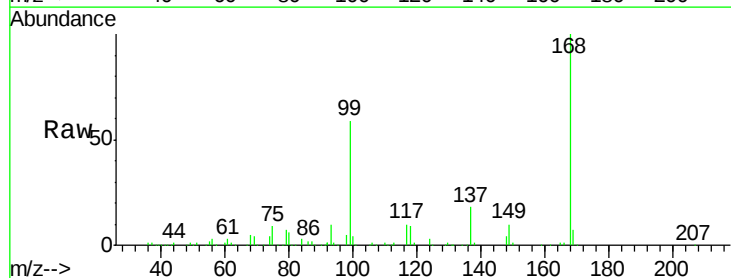
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 MSVOA_W
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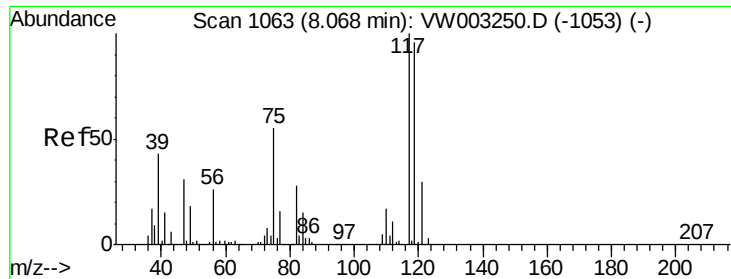
Tot Ion:113 Resp: 87819
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 20.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.330 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW003308.D
 Acq: 15 Jun 2018 22:19

Tgt Ion: 75 Resp: 12943
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.451 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003308.D

Acq: 15 Jun 2018 22:19

Instrument :

MSVOA_W

ClientSampled :

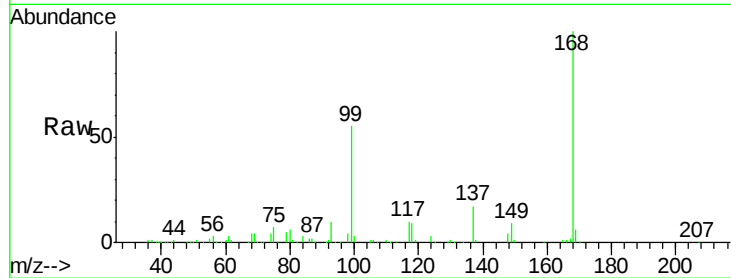
Tot Ion:117 Resp: 15364

Ion Ratio Lower Upper

117 100

119 6.3 76.6 115.0#

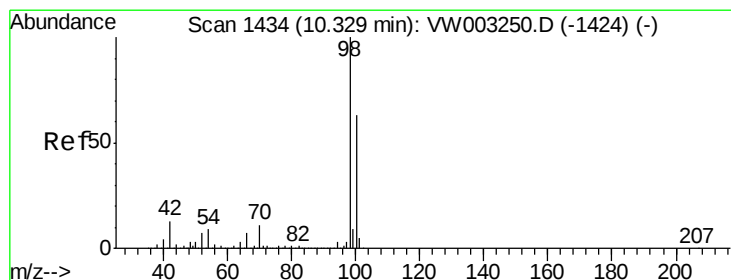
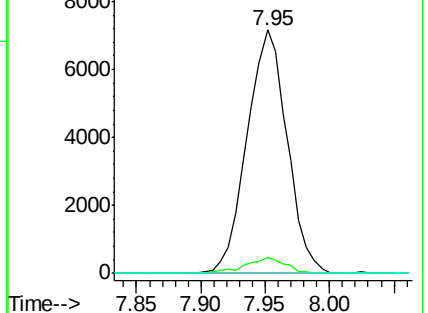
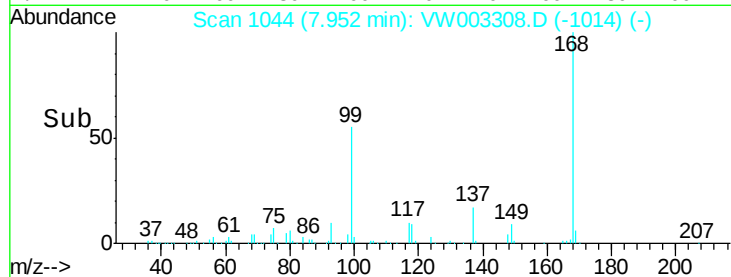
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.858 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003308.D

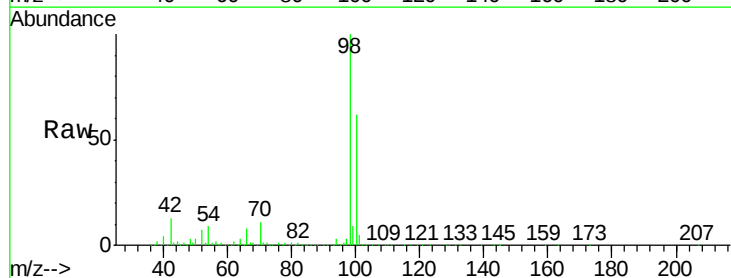
Acq: 15 Jun 2018 22:19

Tgt Ion: 98 Resp: 296480

Ion Ratio Lower Upper

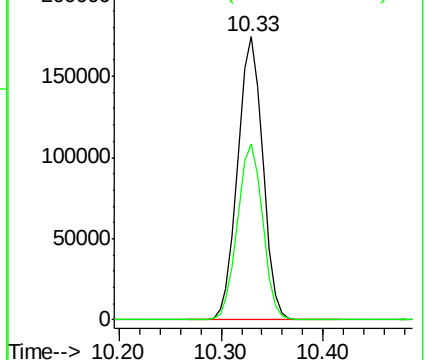
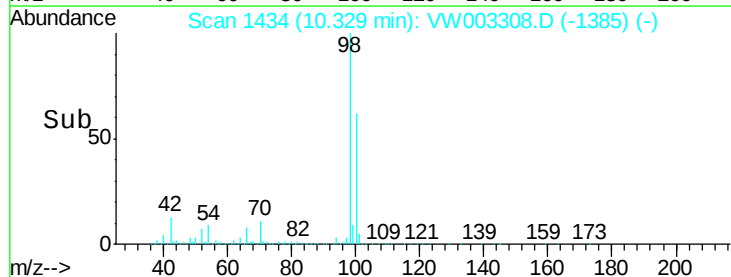
98 100

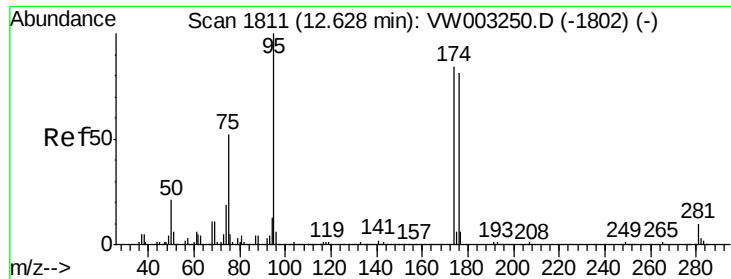
100 62.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

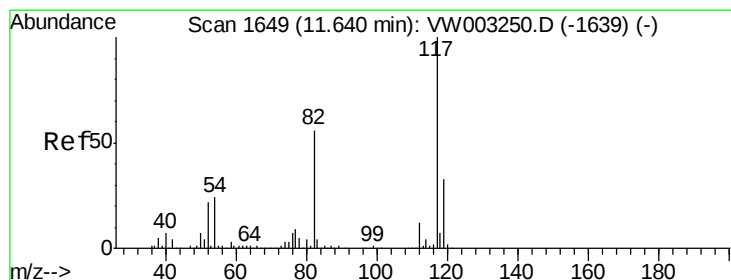
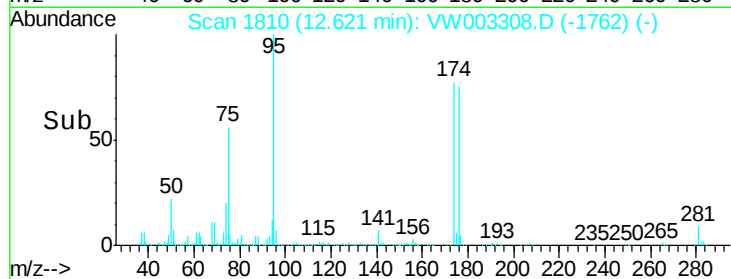
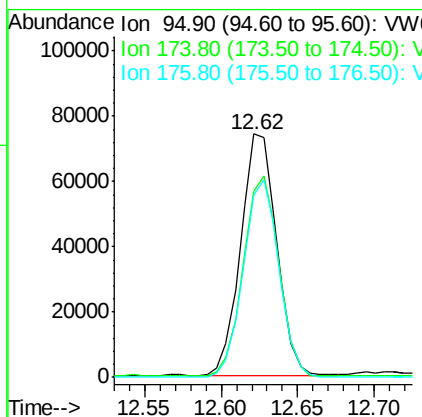
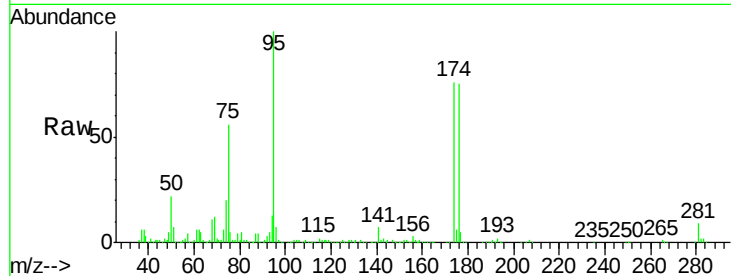




#62
4-Bromofluorobenzene
Concen: 54.746 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

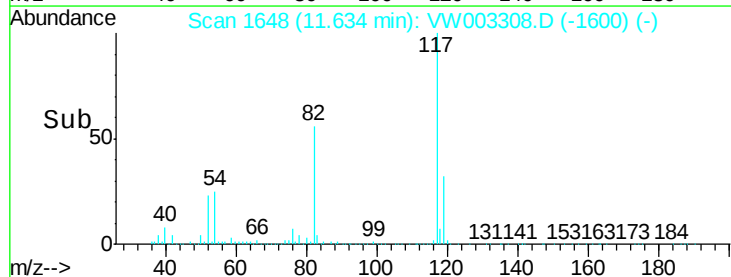
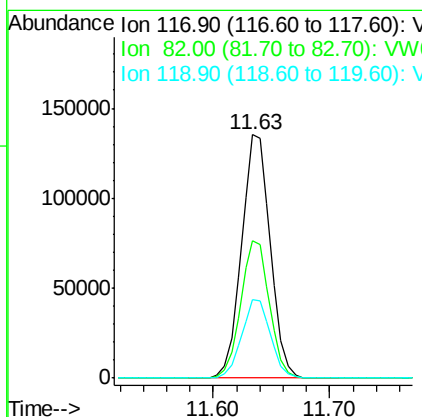
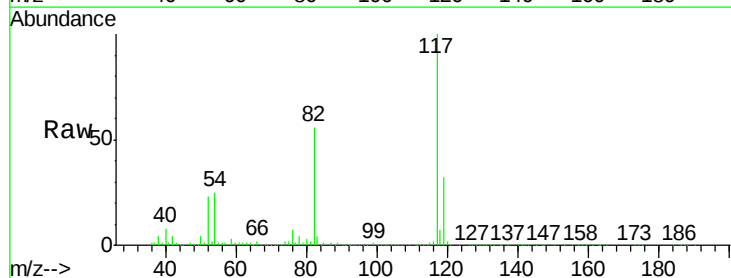
Instrument :
MSVOA_W
ClientSampled :

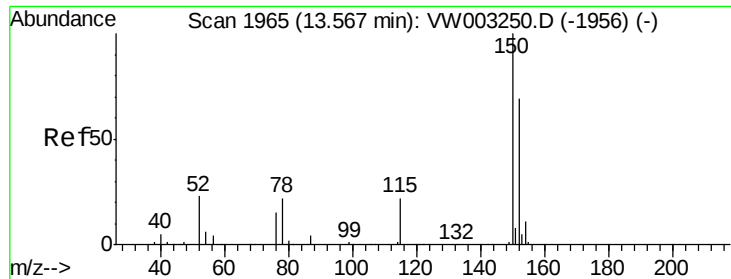
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	166.4
176	81.5	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.6	67.0
119	31.8	26.7	40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003308.D

Acq: 15 Jun 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

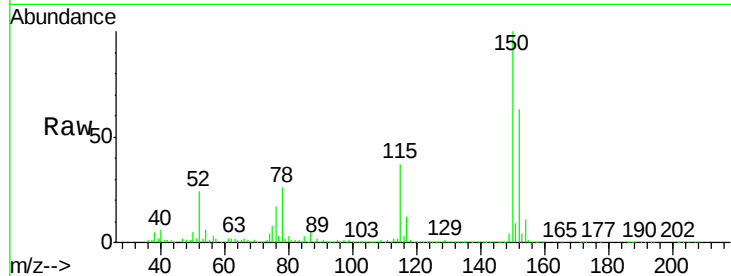
Tot Ion:152 Resp: 122691

Ion Ratio Lower Upper

152 100

115 60.6 29.3 88.0

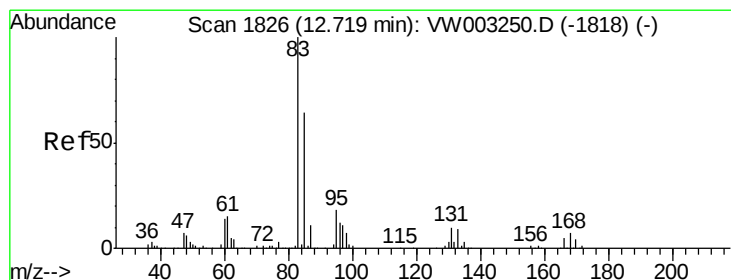
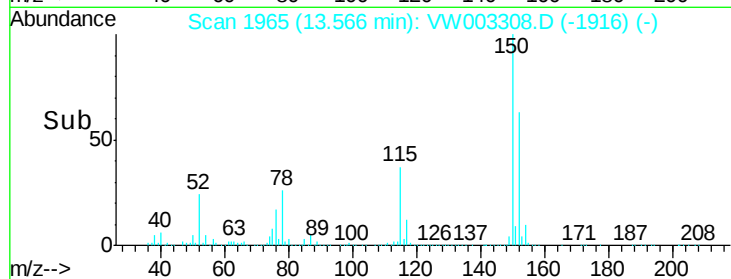
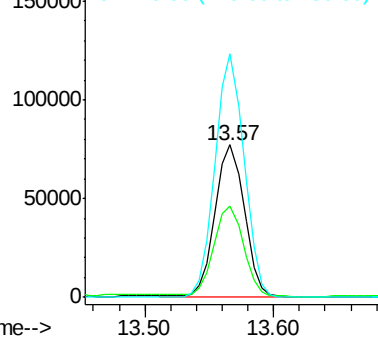
150 156.1 0.0 349.6



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



#75

1,1,2,2-Tetrachloroethane

Concen: 3.845 ug/l

RT: 12.70 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VW003308.D

Acq: 15 Jun 2018 22:19

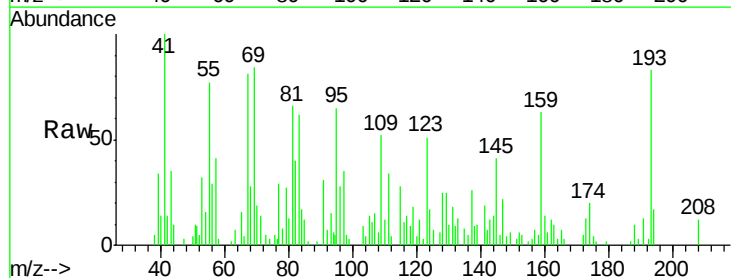
Tgt Ion: 83 Resp: 5551

Ion Ratio Lower Upper

83 100

131 4.9 5.4 16.2#

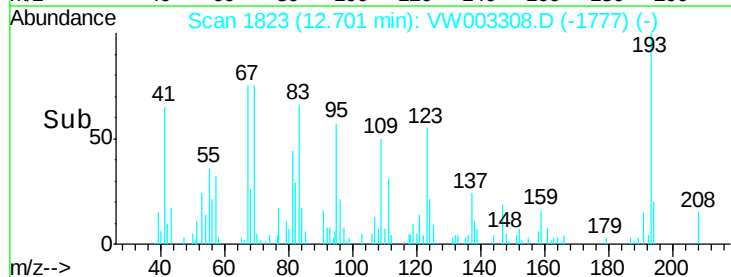
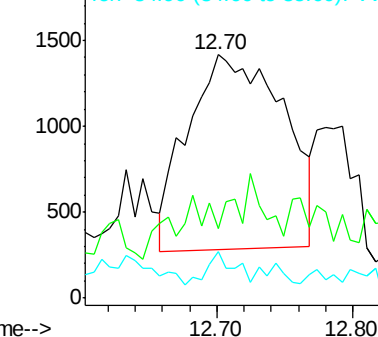
85 4.6 31.9 95.7#

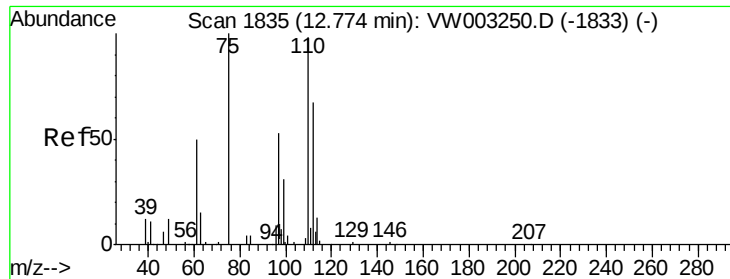


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

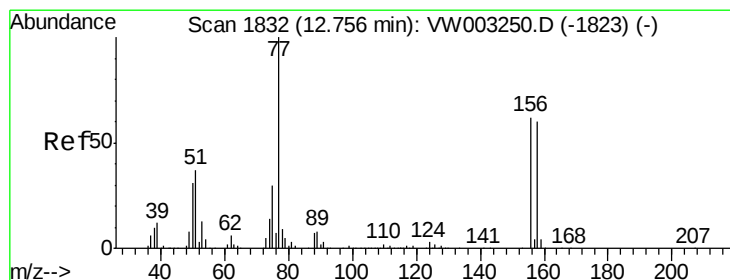
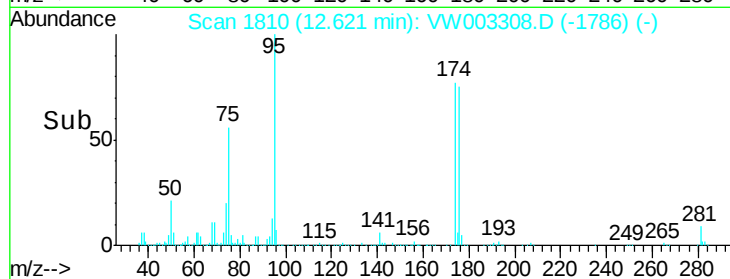
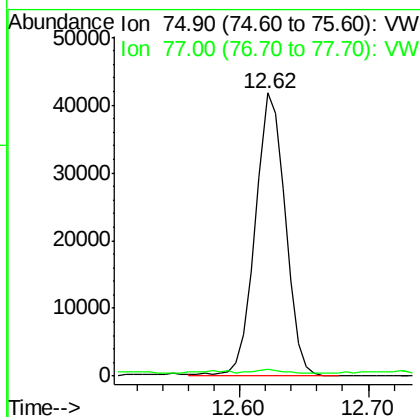
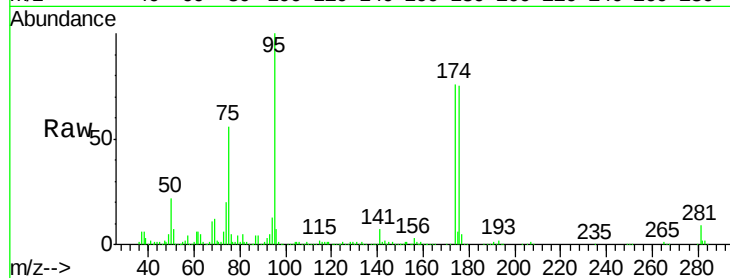




#76
 1,2,3-Trichloropropane
 Concen: 63.657 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003308.D
 Acq: 15 Jun 2018 22:19

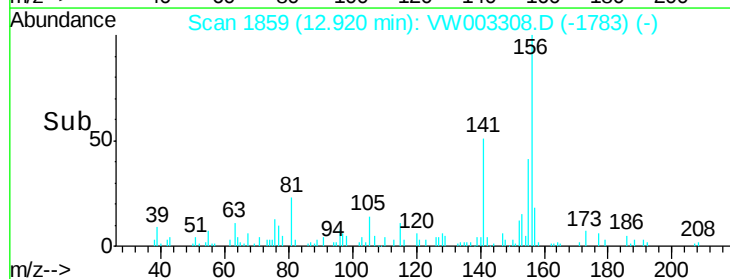
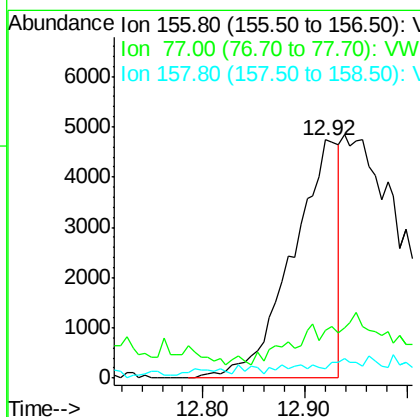
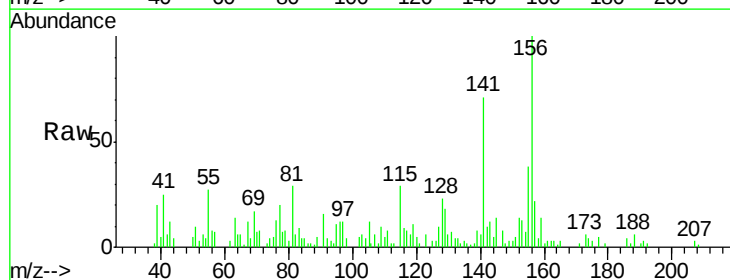
Instrument :
 MSVOA_W
 ClientSampled :

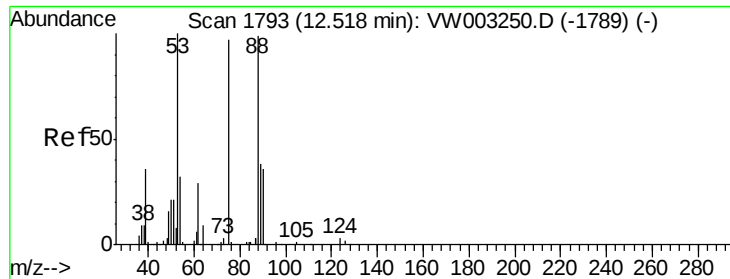
Tot Ion: 75 Resp: 66768
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#77
 Bromobenzene
 Concen: 7.518 ug/l
 RT: 12.92 min Scan# 1859
 Delta R.T. 0.16 min
 Lab File: VW003308.D
 Acq: 15 Jun 2018 22:19

Tgt Ion: 156 Resp: 14941
 Ion Ratio Lower Upper
 156 100
 77 0.0 92.3 276.9#
 158 3.1 47.5 142.6#

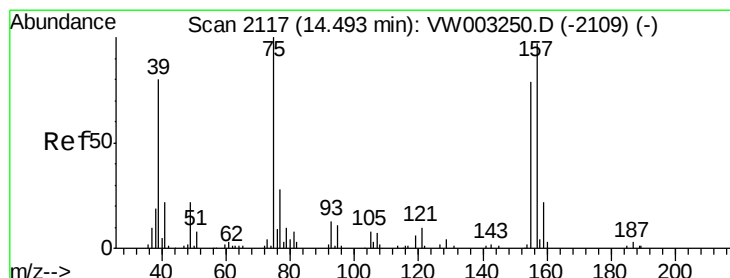
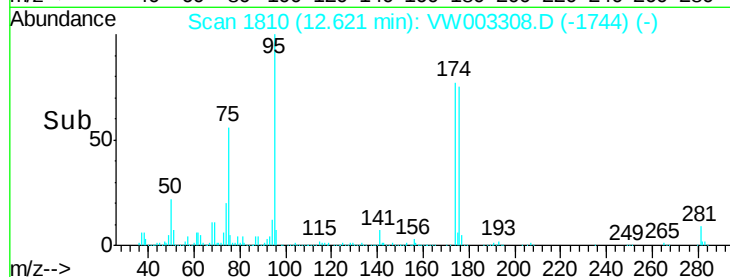
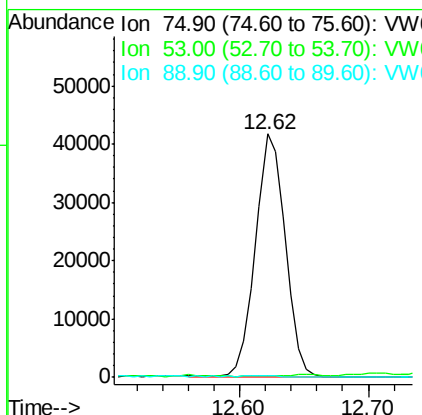
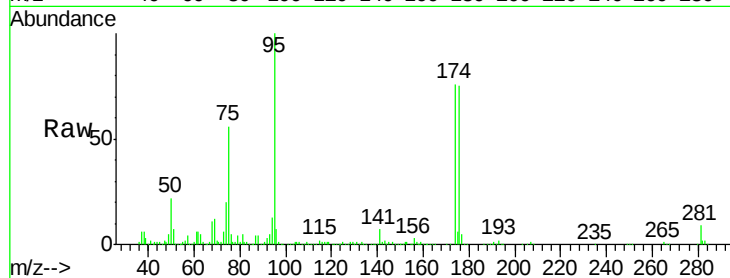




#81
trans-1,4-Dichloro-2-butene
Concen: 146.479 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 66768
Ion Ratio Lower Upper
75 100
53 0.0 82.9 124.3#
89 0.0 36.7 55.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.157 ug/l
RT: 14.72 min Scan# 2154
Delta R.T. 0.23 min
Lab File: VW003308.D
Acq: 15 Jun 2018 22:19

Tgt Ion: 75 Resp: 281
Ion Ratio Lower Upper
75 100
155 52.3 39.4 118.2
157 57.7 51.5 154.5

