

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027355.D
 Acq On : 22 Sep 2015 3:26
 Operator : MD\FY
 Sample : G3763-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SAMPLE-MGMT

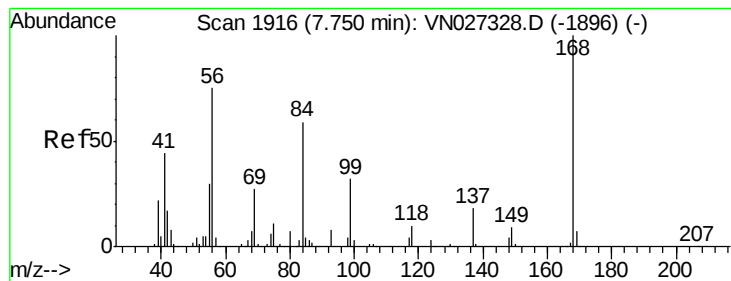
Quant Time: Sep 22 04:20:17 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	710807	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1293500	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1104763	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	380267	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	724432	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
36) Dibromofluoromethane	7.68	113	459129	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
51) Toluene-d8	10.19	98	1900129	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
63) 4-Bromofluorobenzene	12.52	95	632909	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
24) Vinyl Acetate	5.98	43	151	9.29	ug/l	# 76
32) Cyclohexane	7.75	56	21753	Below	Cal	# 1
37) 1,1-Dichloropropene	7.75	75	74693	5.36	ug/l	# 51
39) Carbon Tetrachloride	7.75	117	82162	6.26	ug/l	# 16
52) 4-Methyl-2-Pentanone	10.19	43	10890	1.03	ug/l	# 1
77) 1,2,3-Trichloropropane	12.52	75	370445	38.80	ug/l	# 1
82) trans-1,4-Dichloro-2-buten	12.52	75	370445	99.50	ug/l	# 4
91) Hexachloroethane	13.76	117	1640	0.28	ug/l	# 15

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027355.D

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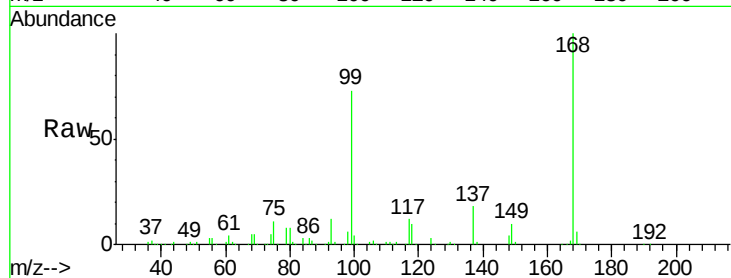
STORAGEBLANK-SAMPLE-MGMT

Tgt Ion:168 Resp: 710807

Ion Ratio Lower Upper

168 100

99 72.9 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.75

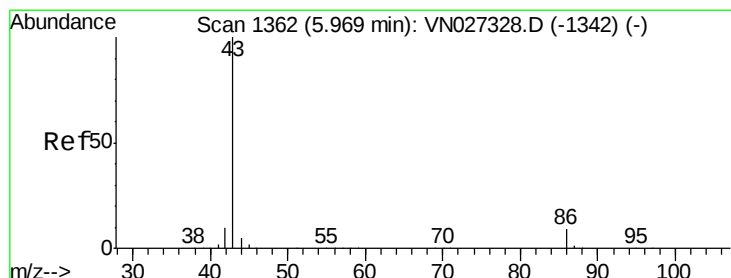
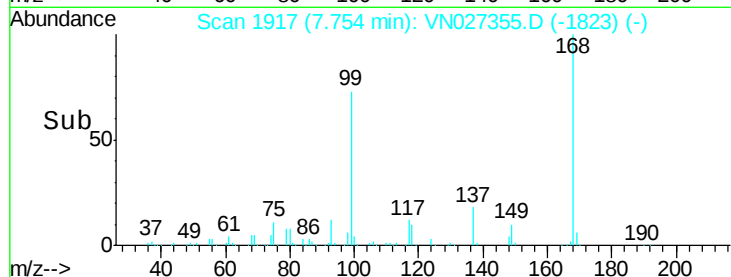
300000

200000

100000

0

Time-->



#24

Vinyl Acetate

Concen: 9.29 ug/l

RT: 5.98 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VN027355.D

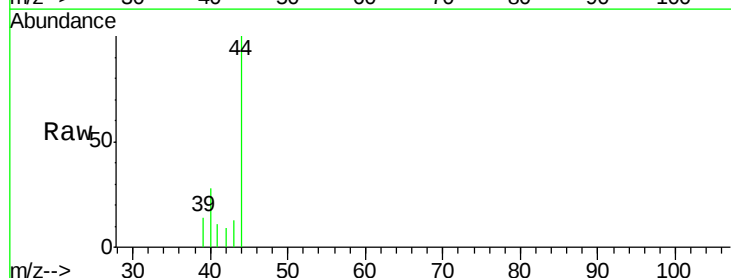
Acq: 22 Sep 2015 3:26

Tgt Ion: 43 Resp: 151

Ion Ratio Lower Upper

43 100

86 0.0 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.98

250

200

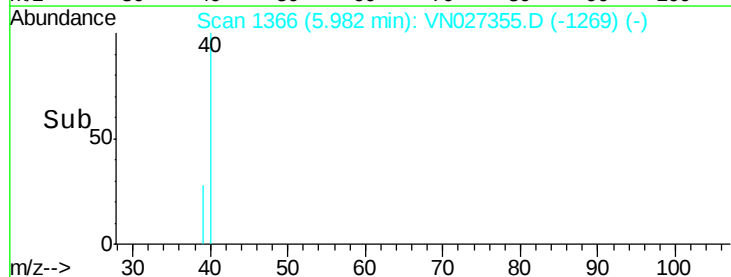
150

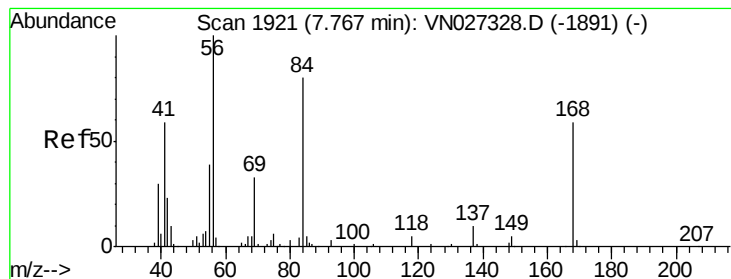
100

50

0

Time-->





#32

Cyclohexane

Concen: Below Cal

RT: 7.75 min Scan# 1916

Delta R.T. -0.02 min

Lab File: VN027355.D

Acq: 22 Sep 2015 3:26

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SAMPLE-MGMT

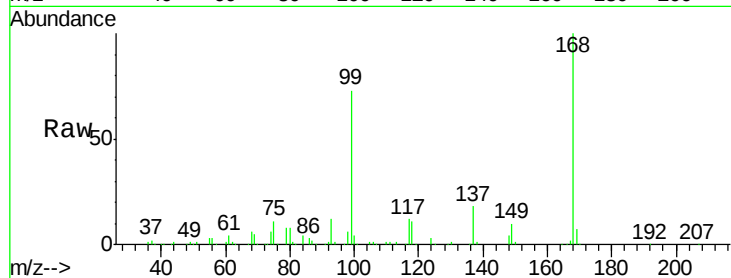
Tgt Ion: 56 Resp: 21753

Ion Ratio Lower Upper

56 100

69 172.6 23.0 34.4#

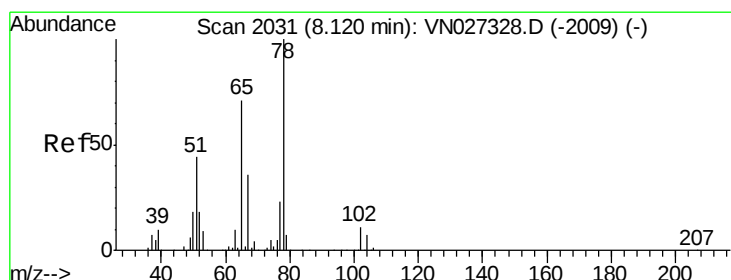
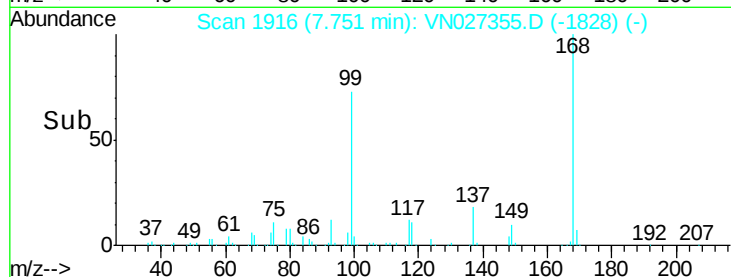
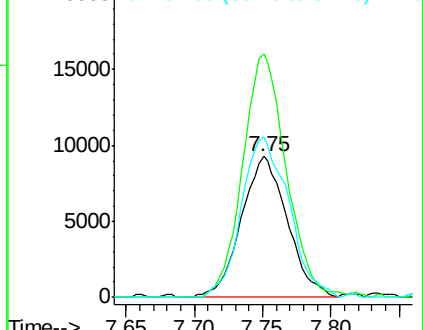
84 113.3 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#34

1,2-Dichloroethane-d4

Concen: 52.06 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027355.D

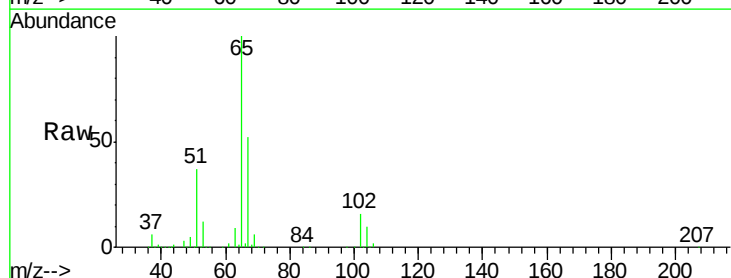
Acq: 22 Sep 2015 3:26

Tgt Ion: 65 Resp: 724432

Ion Ratio Lower Upper

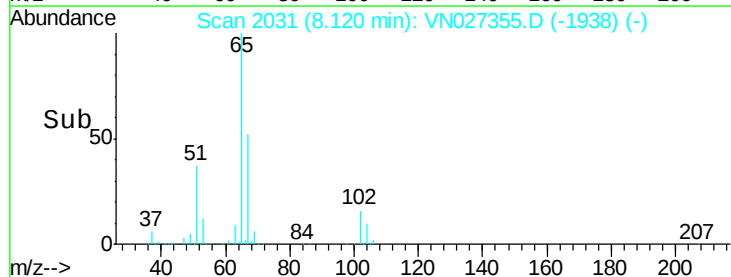
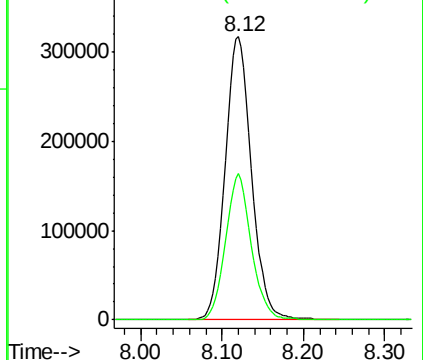
65 100

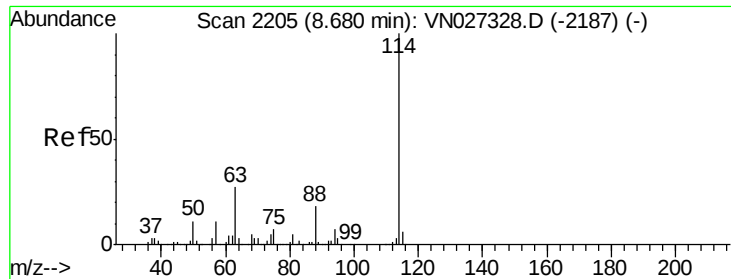
67 50.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

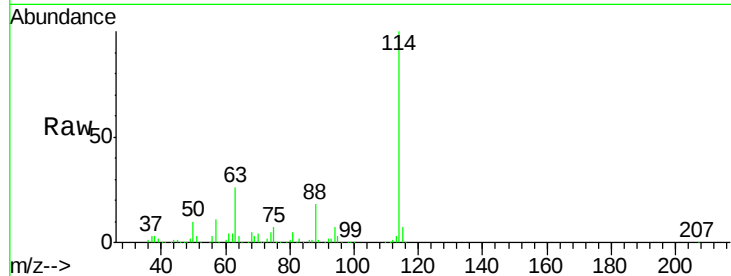




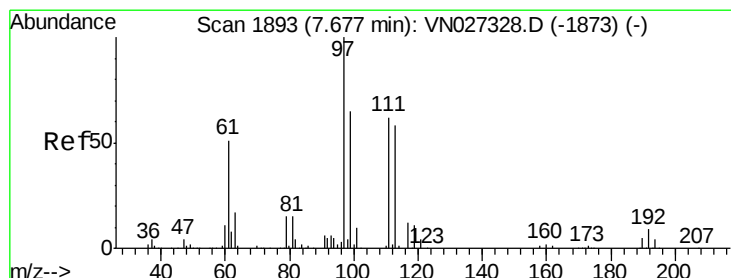
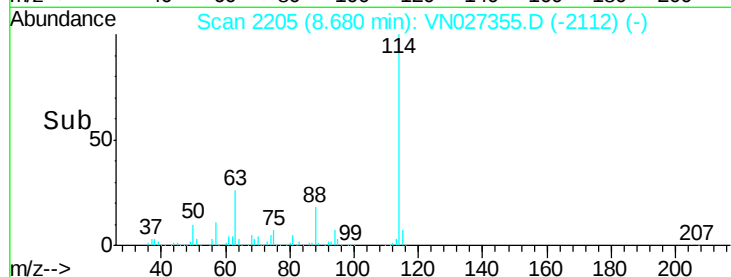
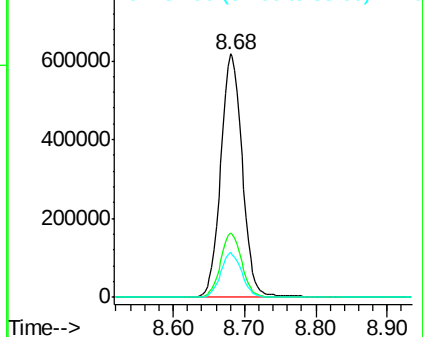
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027355.D
 Acq: 22 Sep 2015 3:26

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SAMPLE-MGMT

Tgt Ion:114 Resp: 1293500
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 48.8
 88 18.3 0.0 32.2

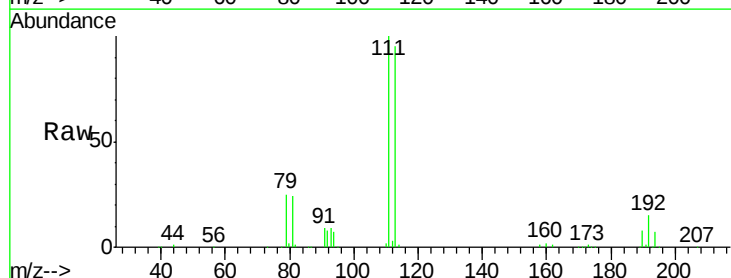


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

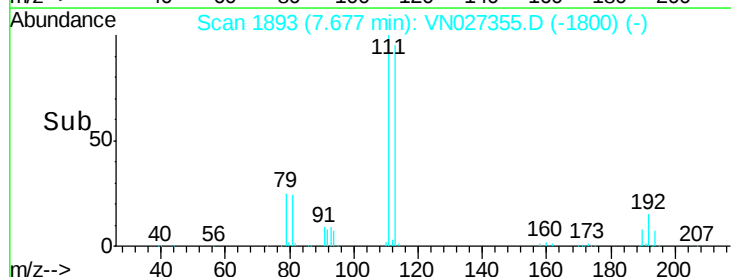
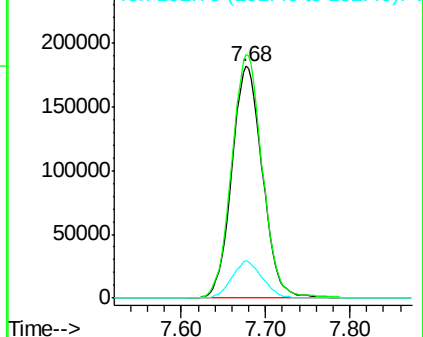


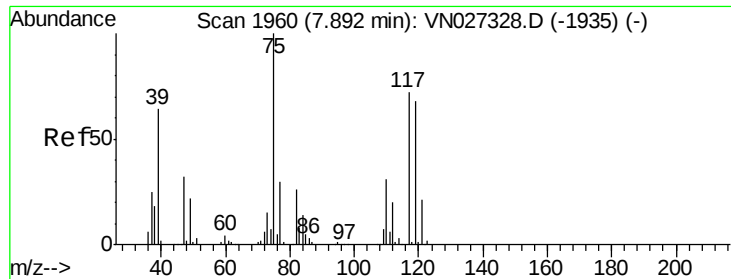
#36
 Dibromofluoromethane
 Concen: 54.40 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027355.D
 Acq: 22 Sep 2015 3:26

Tgt Ion:113 Resp: 459129
 Ion Ratio Lower Upper
 113 100
 111 105.8 83.0 124.4
 192 15.9 14.1 21.1



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

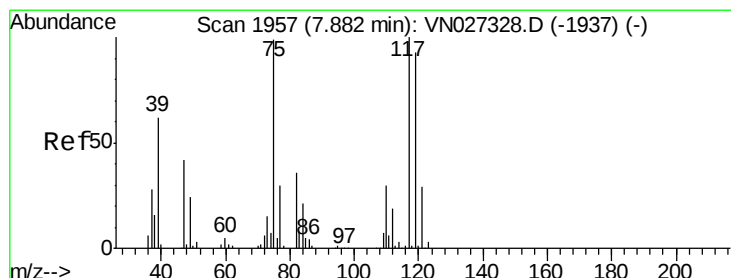
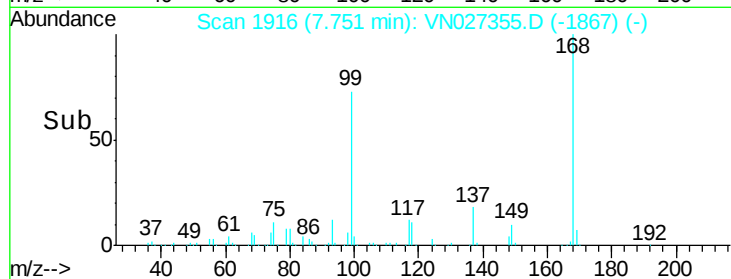
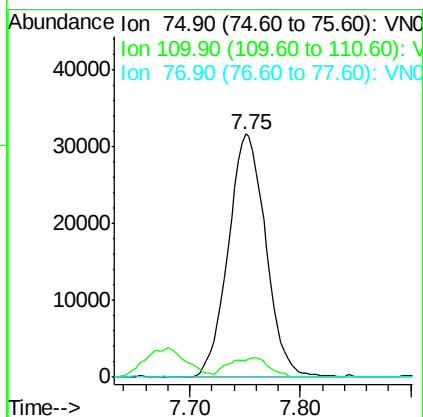
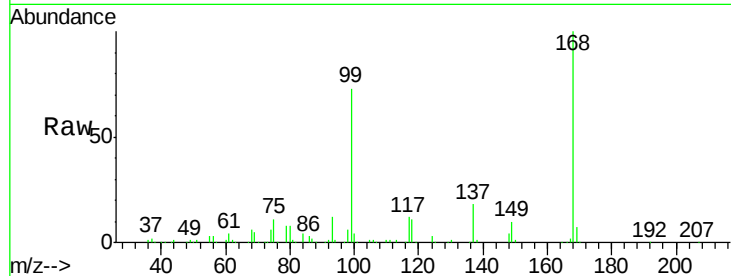




#37
 1,1-Dichloropropene
 Concen: 5.36 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027355.D
 Acq: 22 Sep 2015 3:26

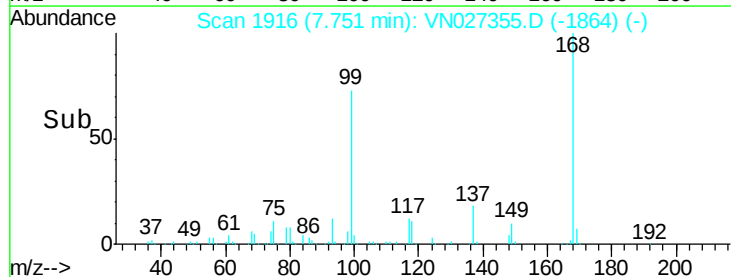
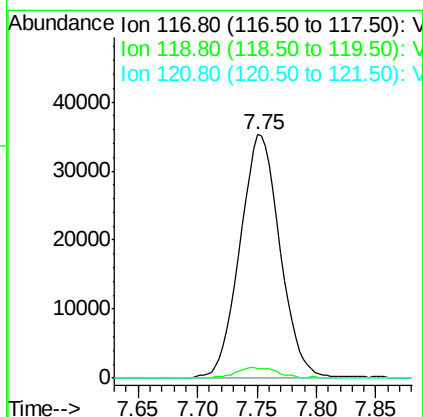
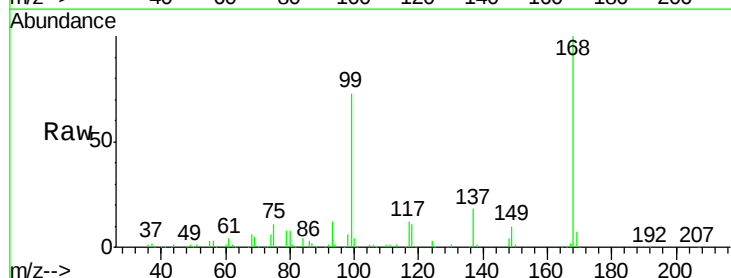
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SAMPLE-MGMT

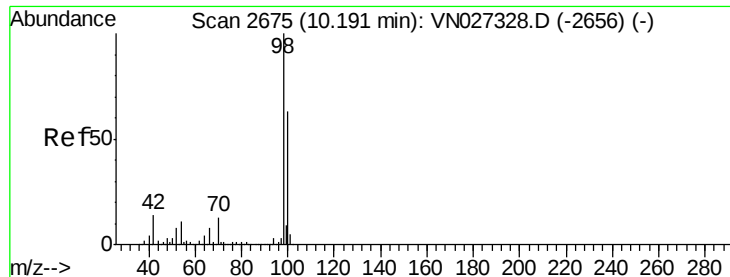
Tgt Ion: 75 Resp: 74693
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.9 47.7#
 77 0.0 24.9 37.3#



#39
 Carbon Tetrachloride
 Concen: 6.26 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.13 min
 Lab File: VN027355.D
 Acq: 22 Sep 2015 3:26

Tgt Ion: 117 Resp: 82162
 Ion Ratio Lower Upper
 117 100
 119 4.0 75.3 112.9#
 121 0.0 23.8 35.8#





#51

Toluene-d8

Concen: 58.23 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027355.D

Acq: 22 Sep 2015 3:26

Instrument :

MSVOA_N

ClientSampleId :

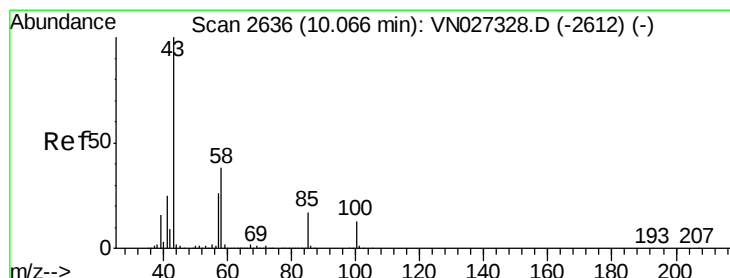
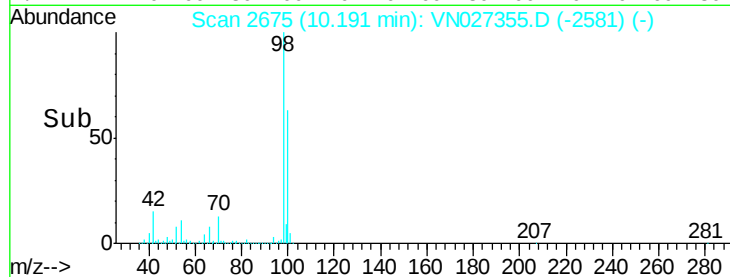
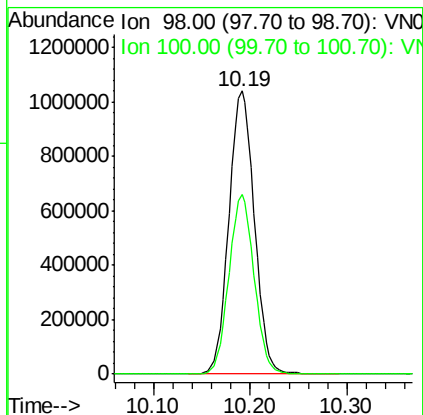
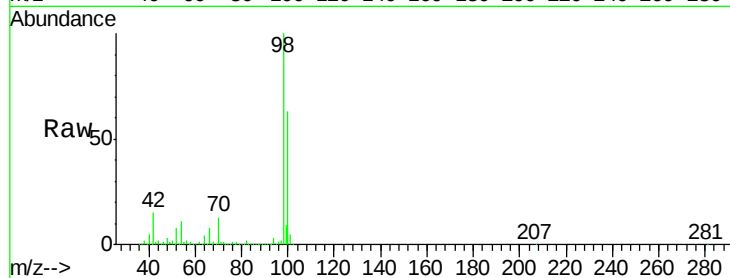
STORAGEBLANK-SAMPLE-MGMT

Tgt Ion: 98 Resp: 1900129

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 1.03 ug/l

RT: 10.19 min Scan# 2674

Delta R.T. 0.12 min

Lab File: VN027355.D

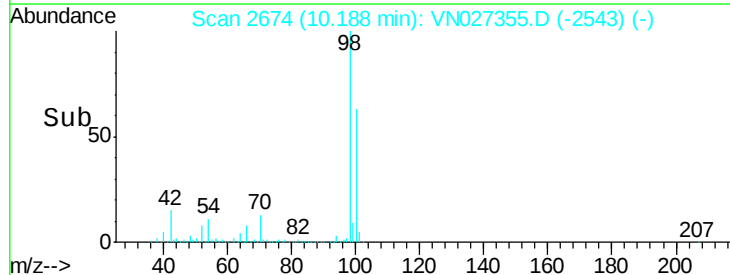
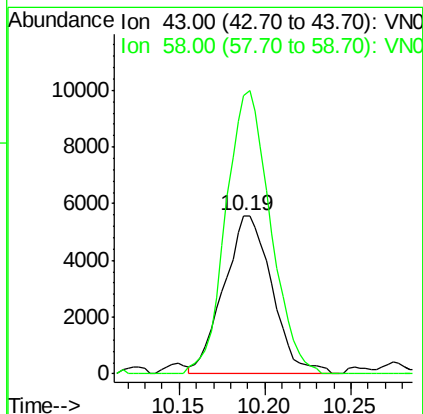
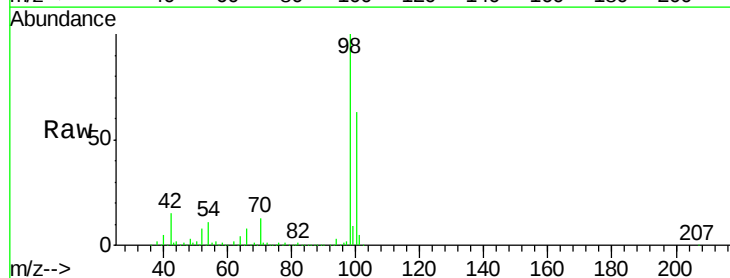
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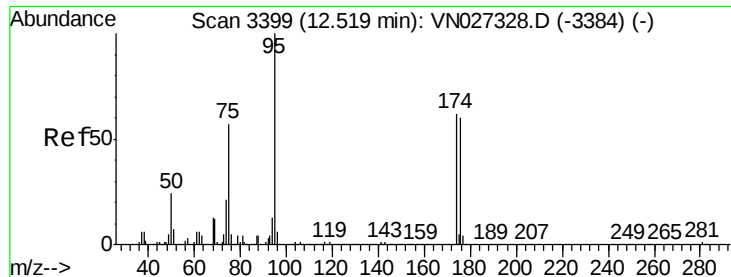
Tgt Ion: 43 Resp: 10890

Ion Ratio Lower Upper

43 100

58 165.0 29.8 44.8#

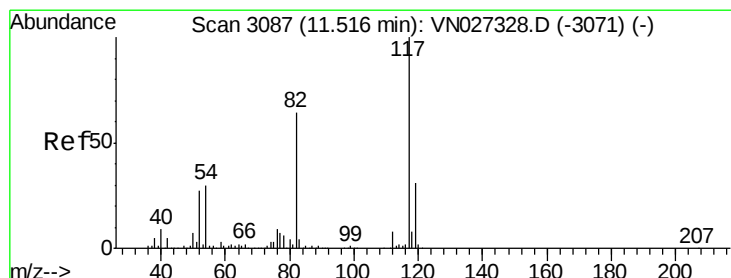
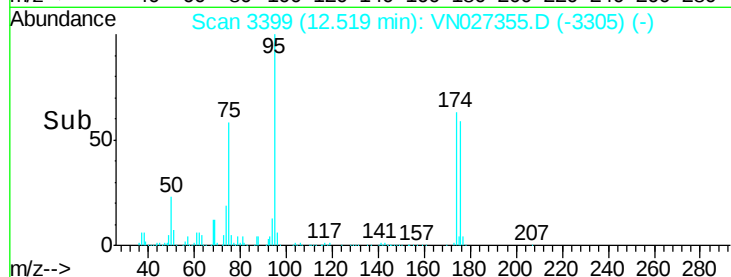
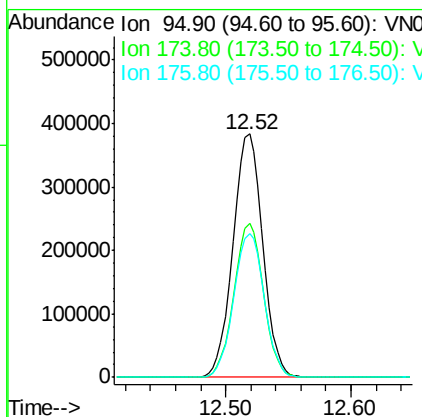
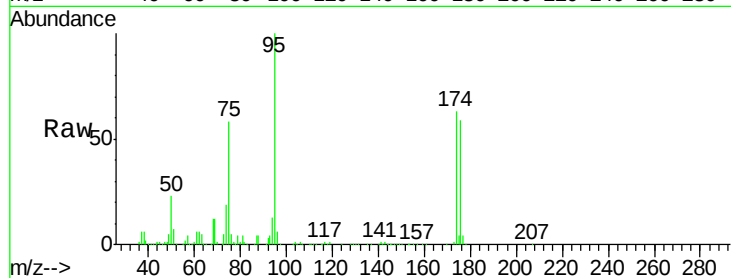




#63
4-Bromofluorobenzene
Concen: 53.39 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027355.D
Acq: 22 Sep 2015 3:26

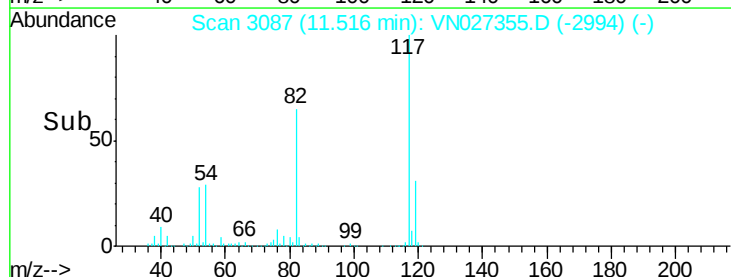
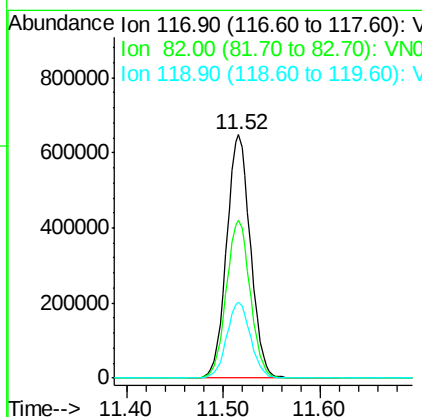
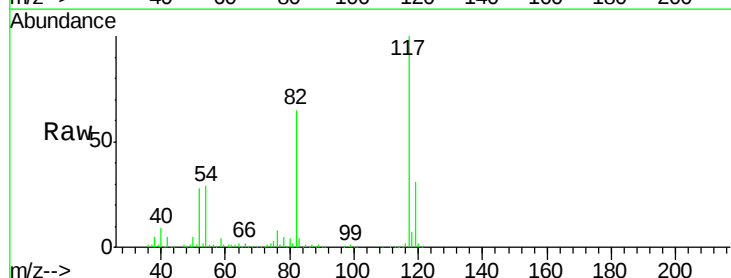
Instrument :
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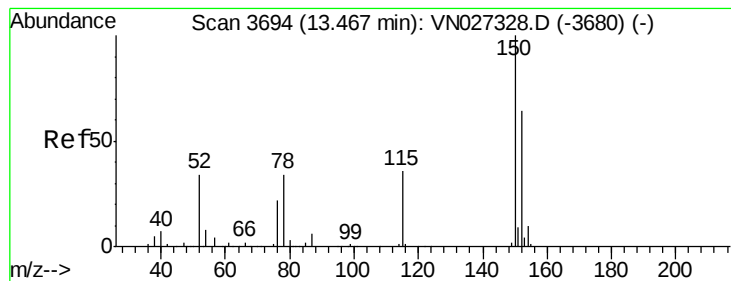
Tgt Ion: 95 Resp: 632909
Ion Ratio Lower Upper
95 100
174 62.6 0.0 137.0
176 60.5 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027355.D
Acq: 22 Sep 2015 3:26

Tgt Ion: 117 Resp: 1104763
Ion Ratio Lower Upper
117 100
82 64.8 49.6 74.4
119 31.1 24.6 36.8





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027355.D

Acq: 22 Sep 2015 3:26

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SAMPLE-MGMT

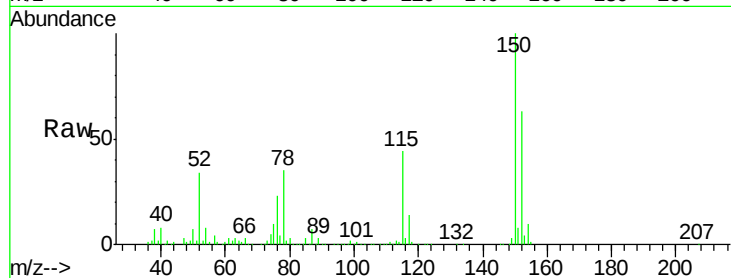
Tgt Ion:152 Resp: 380267

Ion Ratio Lower Upper

152 100

115 68.9 30.8 92.3

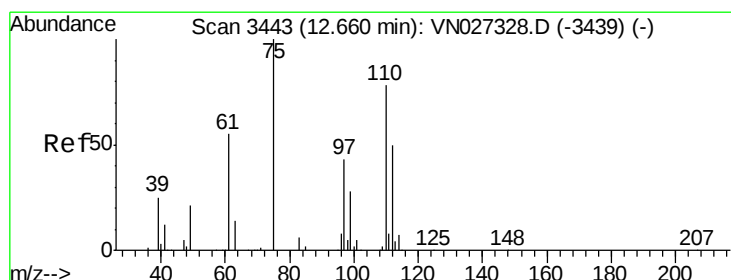
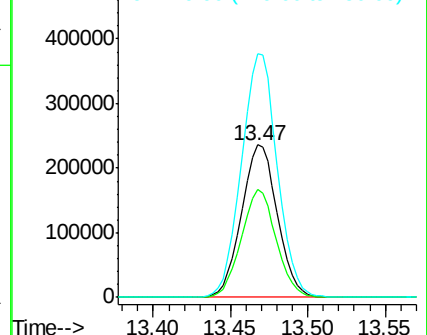
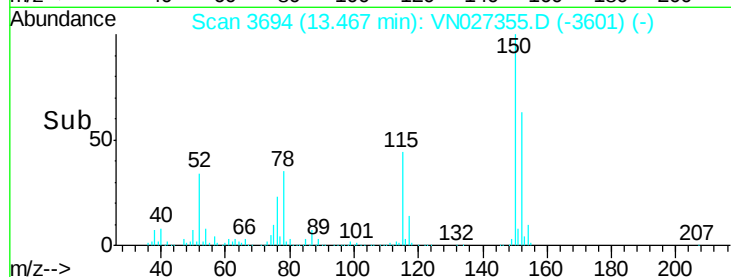
150 159.3 0.0 345.0



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



#77

1,2,3-Trichloropropane

Concen: 38.80 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. -0.14 min

Lab File: VN027355.D

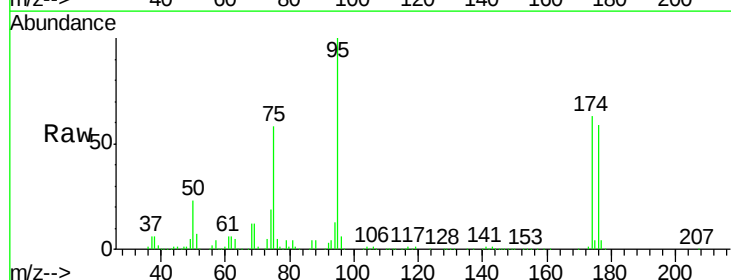
Acq: 22 Sep 2015 3:26

Tgt Ion: 75 Resp: 370445

Ion Ratio Lower Upper

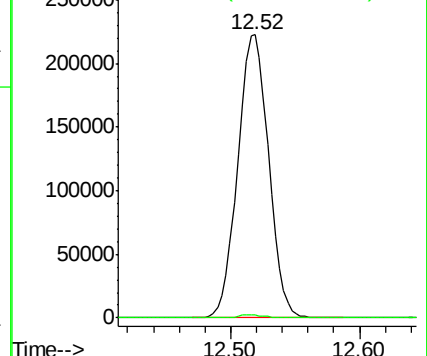
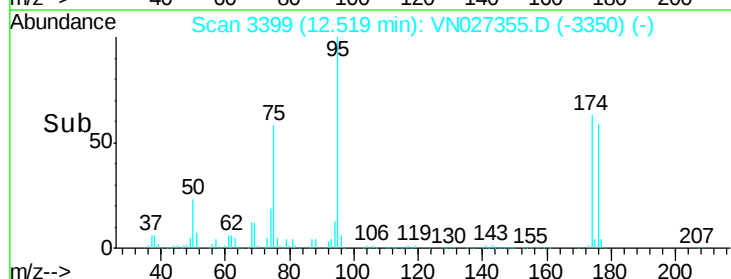
75 100

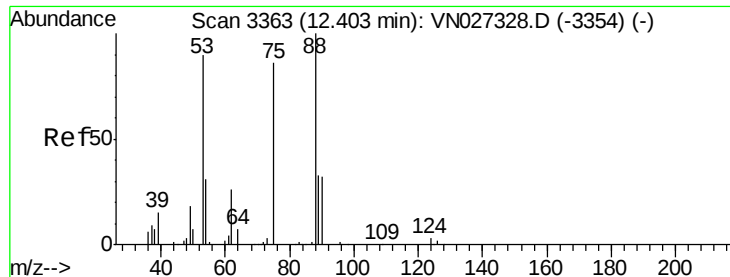
77 0.9 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#82

trans-1,4-Dichloro-2-butene

Concen: 99.50 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.12 min

Lab File: VN027355.D

Acq: 22 Sep 2015 3:26

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SAMPLE-MGMT

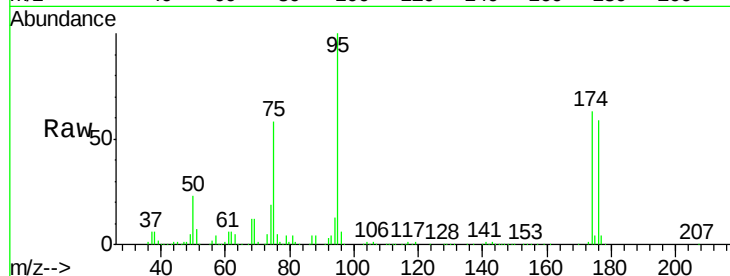
Tgt Ion: 75 Resp: 370445

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

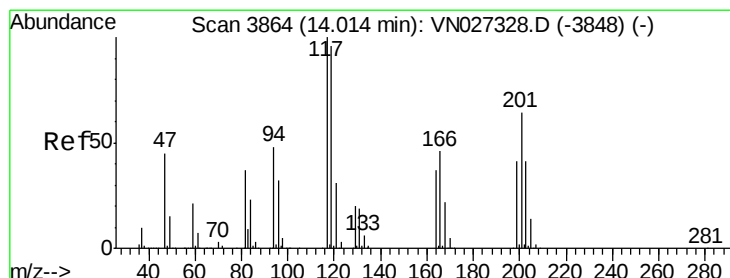
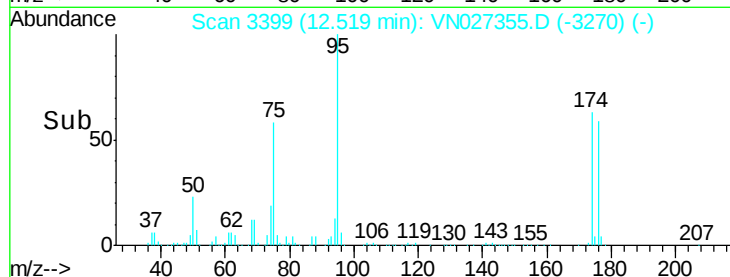
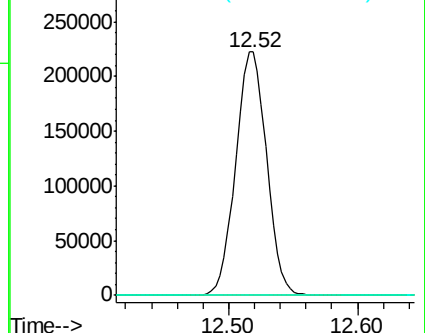
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN027355.D (-3270) (-)

Ion 53.00 (52.70 to 53.70): VN027355.D (-3270) (-)

Ion 88.90 (88.60 to 89.60): VN027355.D (-3270) (-)



#91

Hexachloroethane

Concen: 0.28 ug/l

RT: 13.76 min Scan# 3785

Delta R.T. -0.25 min

Lab File: VN027355.D

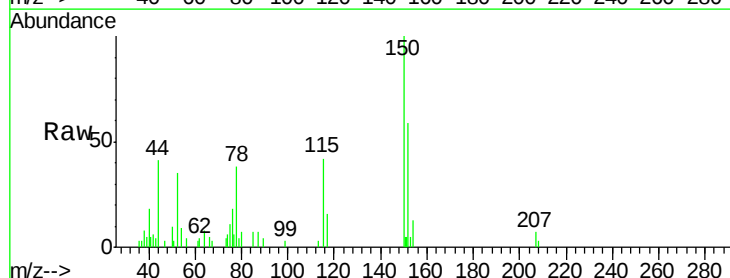
Acq: 22 Sep 2015 3:26

Tgt Ion: 117 Resp: 1640

Ion Ratio Lower Upper

117 100

201 0.0 34.9 104.7#



Abundance Ion 116.80 (116.50 to 117.50): VN027355.D (-3771) (-)

Ion 200.70 (200.40 to 201.40): VN027355.D (-3771) (-)

