

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027284.D
 Acq On : 18 Sep 2015 5:28
 Operator : MD\FY
 Sample : G3706-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Sep 18 06:46:31 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	729636	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1287739	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1112139	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	411743	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	702085	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
36) Dibromofluoromethane	7.68	113	464598	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
51) Toluene-d8	10.19	98	1923483	55.03	ug/l	0.00
Spiked Amount			Recovery	=	110.06%	
63) 4-Bromofluorobenzene	12.52	95	654287	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	

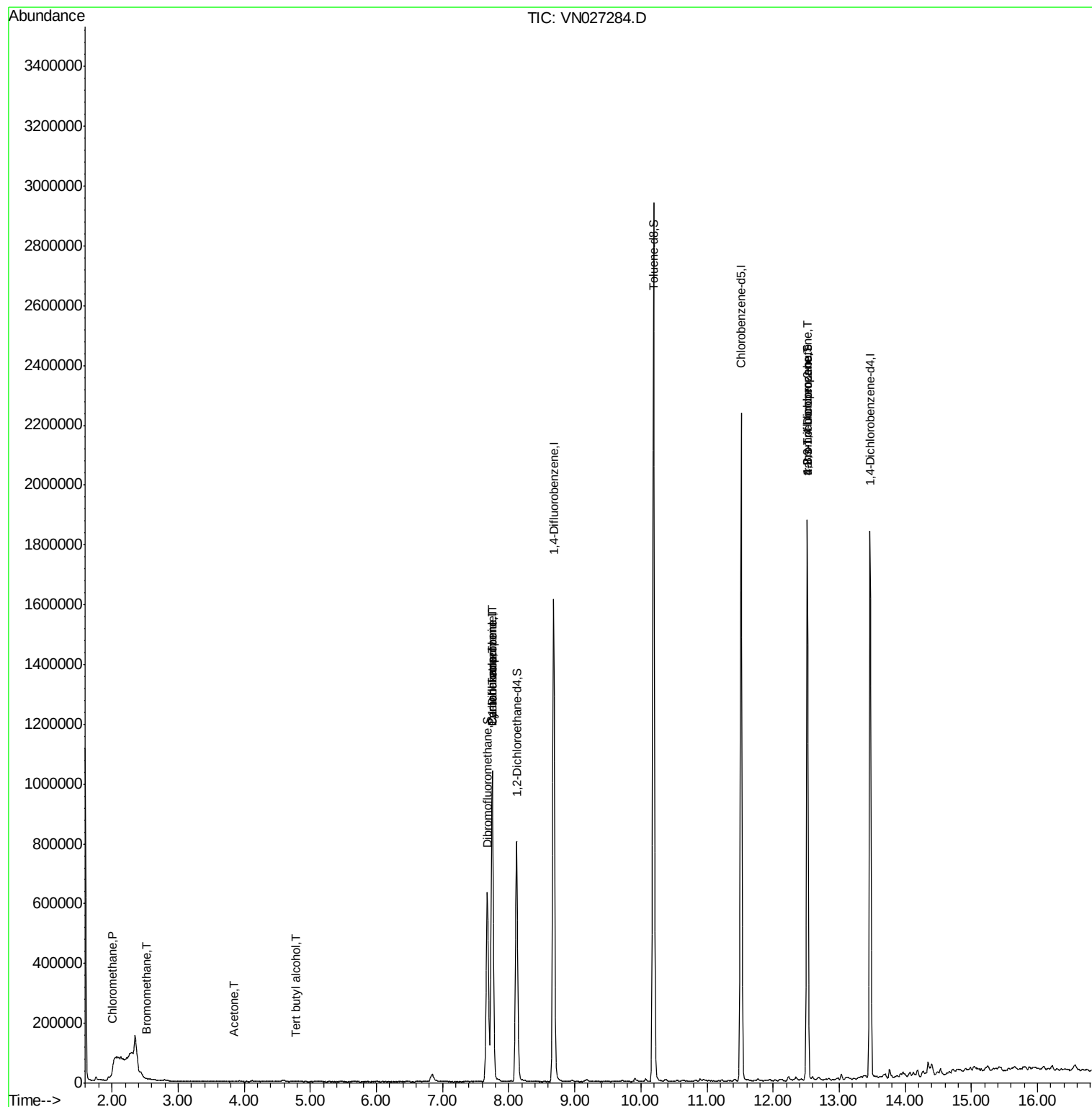
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.00	50	2258	1.34	ug/l #	76
6) Bromomethane	2.53	94	126	1.62	ug/l #	4
12) Tert butyl alcohol	4.79	59	347	0.24	ug/l	98
17) Acetone	3.84	43	1004	0.25	ug/l	90
32) Cyclohexane	7.75	56	26074	0.35	ug/l #	18
37) 1,1-Dichloropropene	7.75	75	75722	5.02	ug/l #	50
38) Ethyl Acetate	7.02	43	173	Below Cal	#	71
39) Carbon Tetrachloride	7.75	117	81438	5.75	ug/l #	15
76) 1,1,2,2-Tetrachloroethane	12.60	83	280	Below Cal	#	1
77) 1,2,3-Trichloropropane	12.52	75	373997	30.05	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	373997	73.82	ug/l #	4
93) 1,2-Dibromo-3-Chloropropan	14.37	75	143	Below Cal	#	9

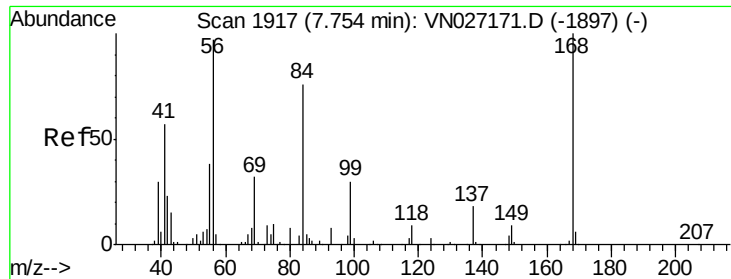
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

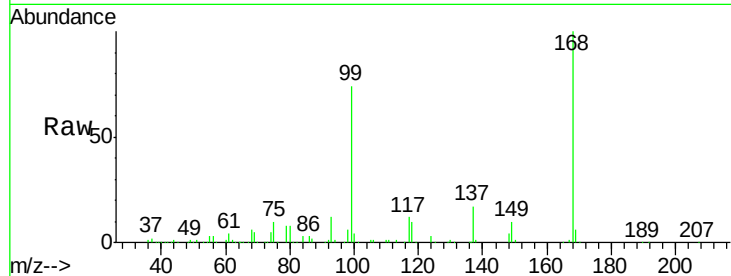
MW-8

Tgt Ion:168 Resp: 729636

Ion Ratio Lower Upper

168 100

99 73.7 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

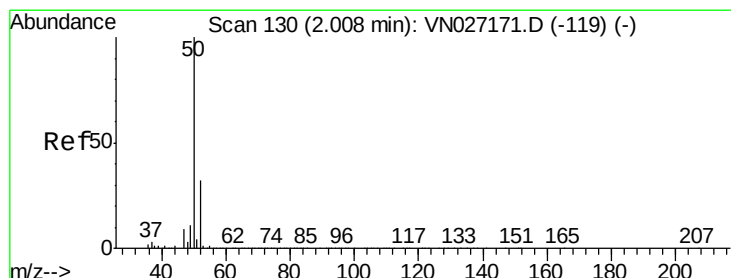
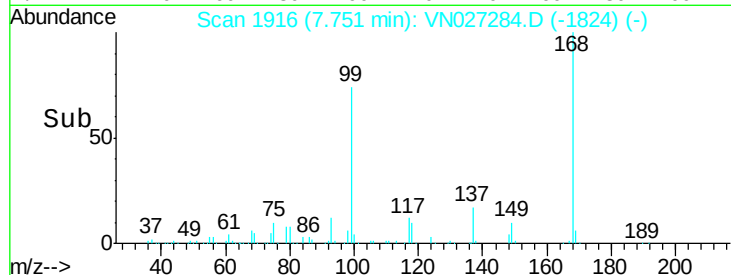
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.34 ug/l

RT: 2.00 min Scan# 128

Delta R.T. -0.01 min

Lab File: VN027284.D

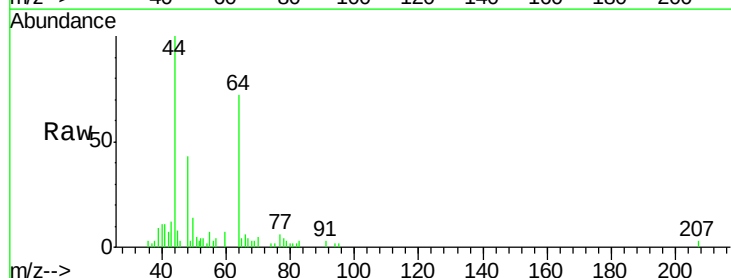
Acq: 18 Sep 2015 5:28

Tgt Ion: 50 Resp: 2258

Ion Ratio Lower Upper

50 100

52 45.8 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.00

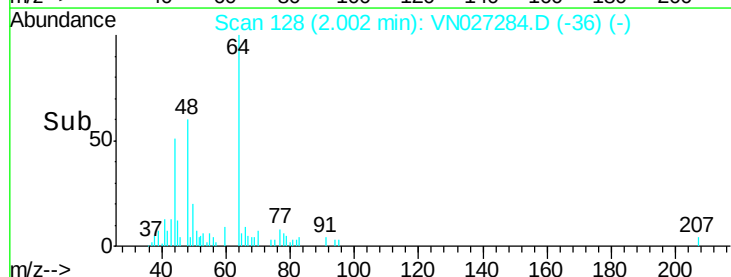
1500

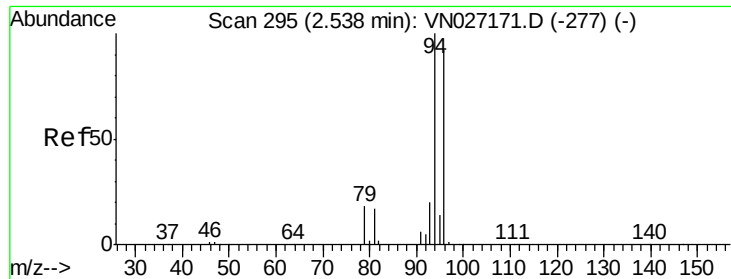
1000

500

0

Time-->





#6

Bromomethane

Concen: 1.62 ug/l

RT: 2.53 min Scan# 293

Delta R.T. -0.01 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

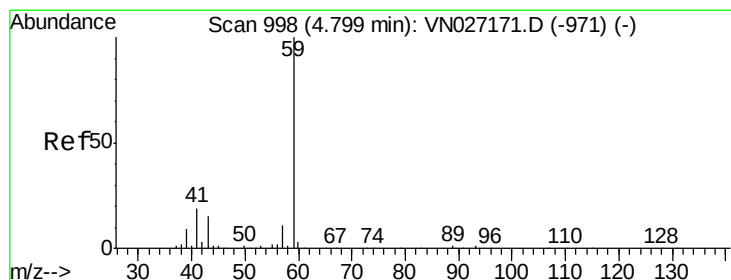
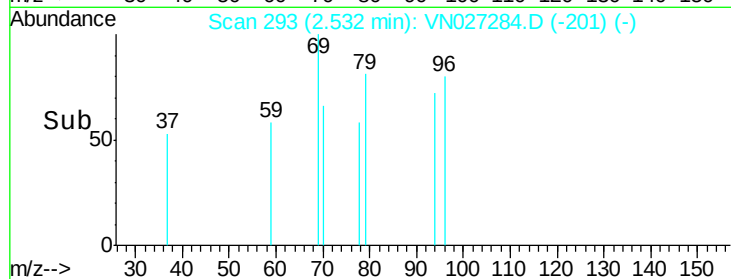
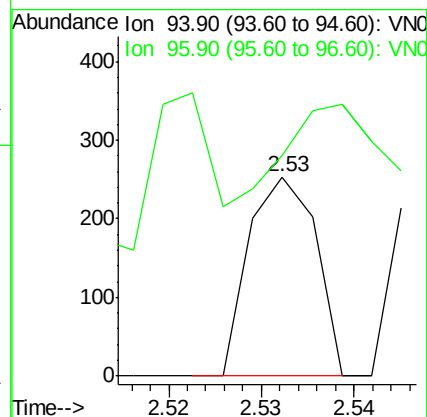
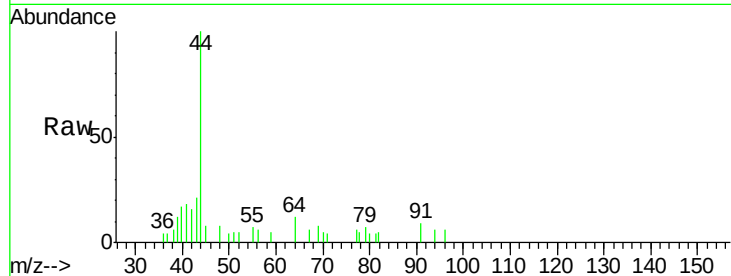
MW-8

Tgt Ion: 94 Resp: 126

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



#12

Tert butyl alcohol

Concen: 0.24 ug/l

RT: 4.79 min Scan# 996

Delta R.T. -0.01 min

Lab File: VN027284.D

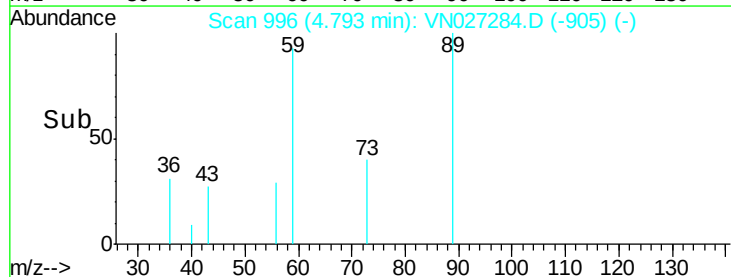
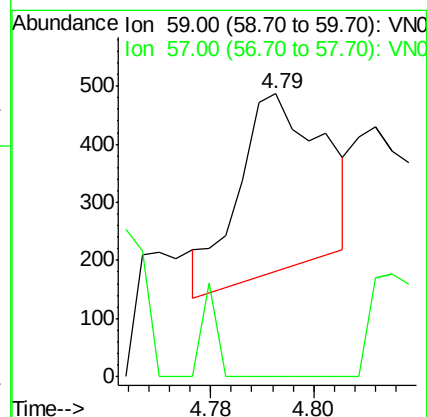
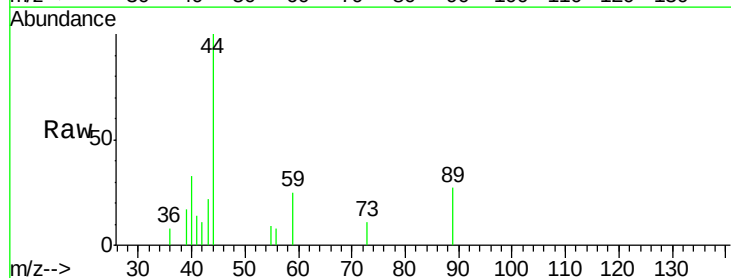
Acq: 18 Sep 2015 5:28

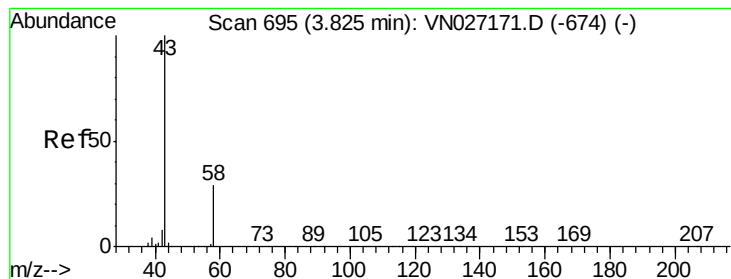
Tgt Ion: 59 Resp: 347

Ion Ratio Lower Upper

59 100

57 8.9 7.6 11.4





#17

Acetone

Concen: 0.25 ug/l

RT: 3.84 min Scan# 700

Delta R.T. 0.02 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

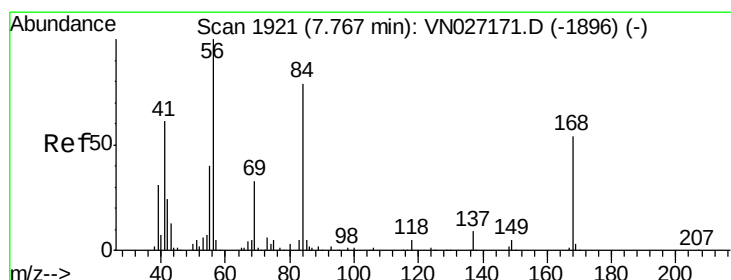
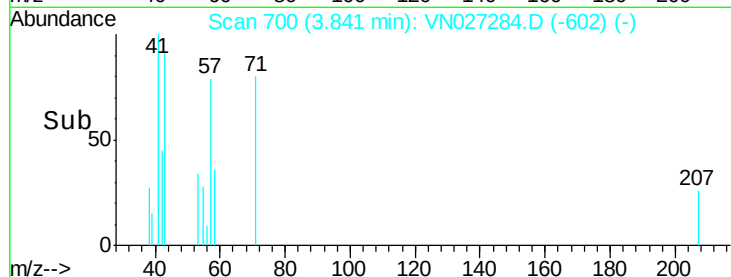
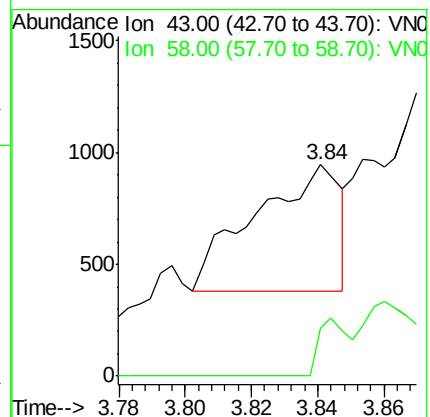
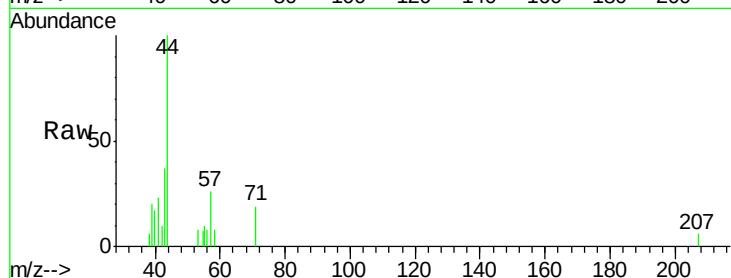
MW-8

Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 37.5 25.4 38.0



#32

Cyclohexane

Concen: 0.35 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

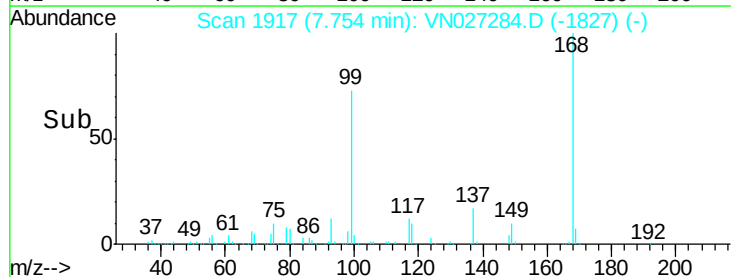
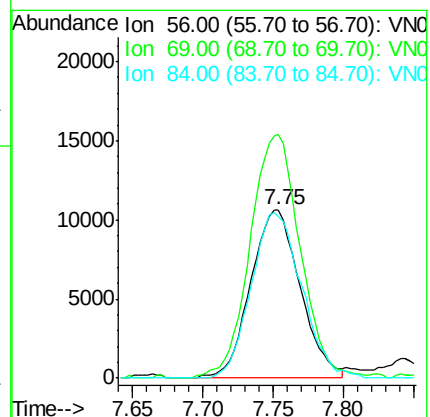
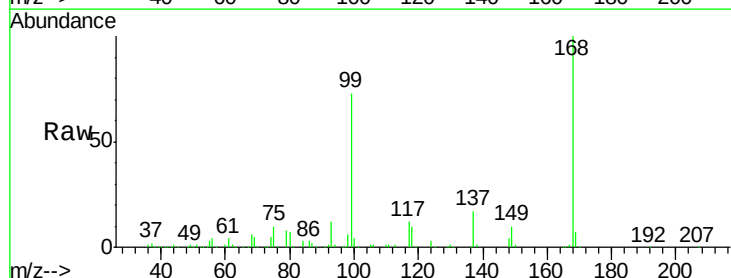
Tgt Ion: 56 Resp: 26074

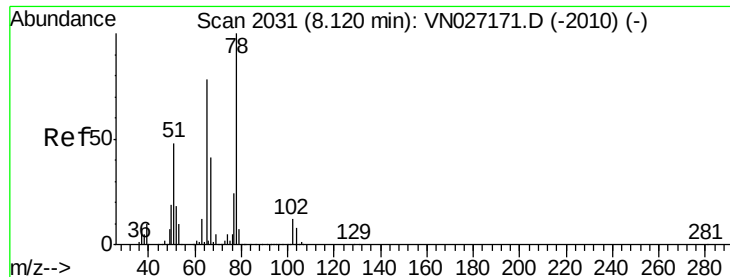
Ion Ratio Lower Upper

56 100

69 144.6 23.0 34.4#

84 96.0 57.8 86.8#

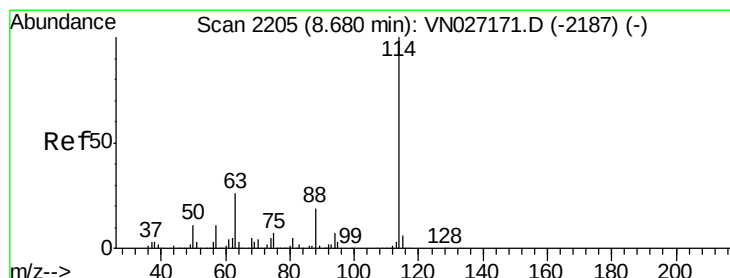
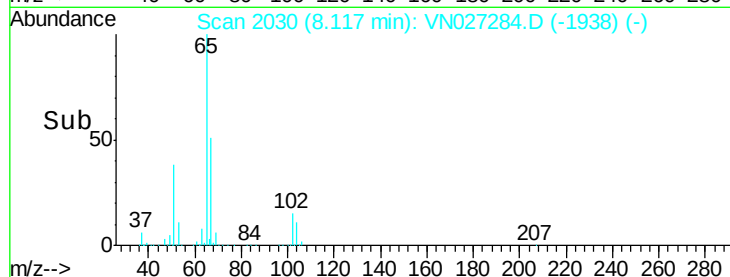
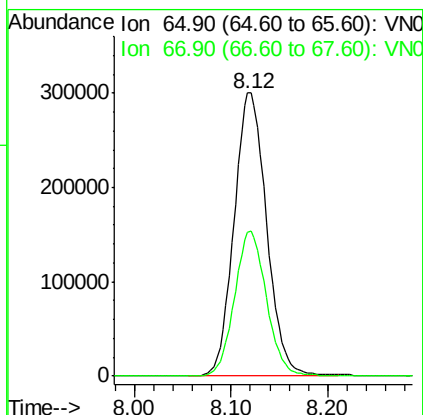
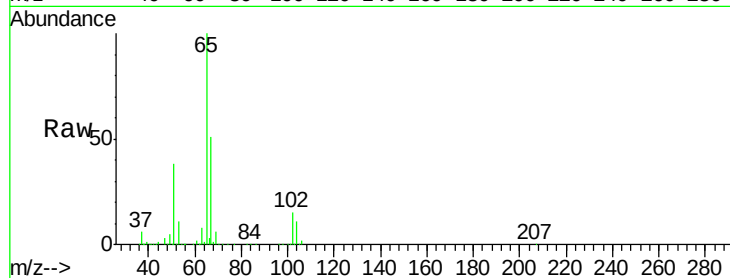




#34
 1,2-Dichloroethane-d4
 Concen: 46.96 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027284.D
 Acq: 18 Sep 2015 5:28

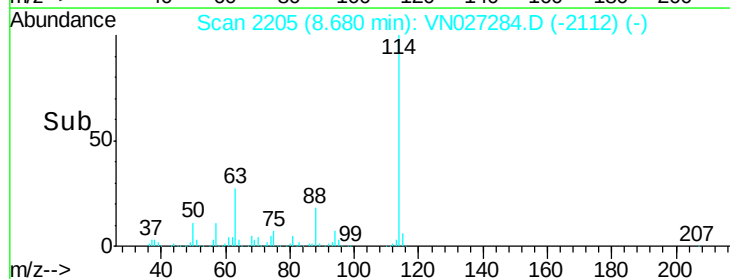
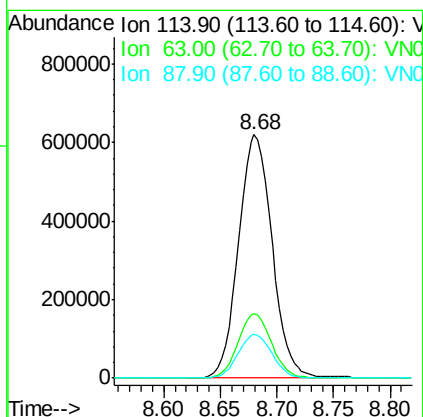
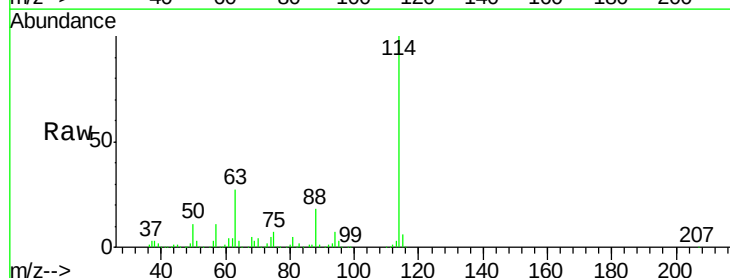
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

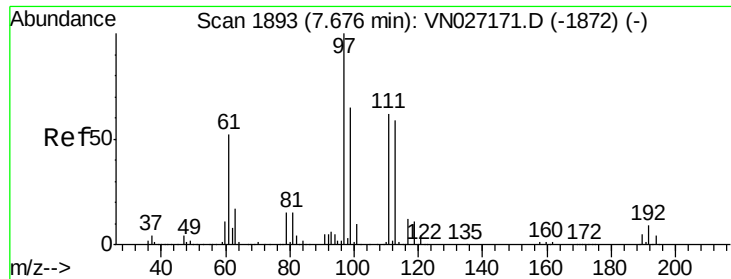
Tgt Ion: 65 Resp: 702085
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 110.6



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027284.D
 Acq: 18 Sep 2015 5:28

Tgt Ion: 114 Resp: 1287739
 Ion Ratio Lower Upper
 114 100
 63 26.7 0.0 48.8
 88 17.8 0.0 32.2

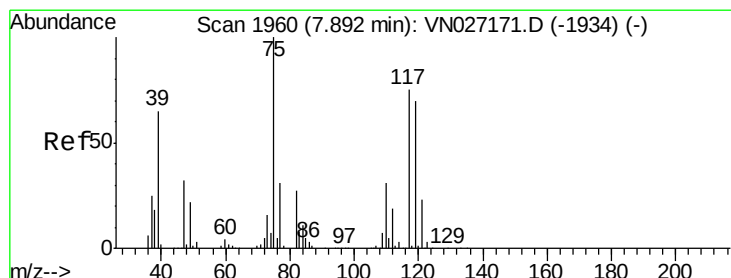
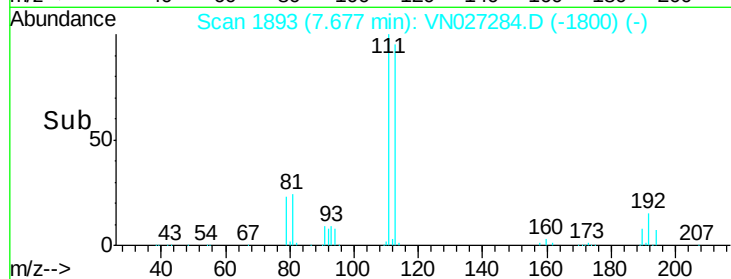
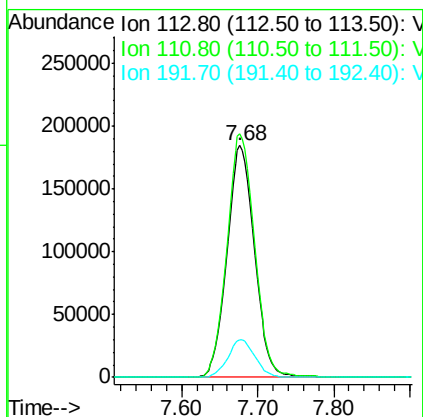
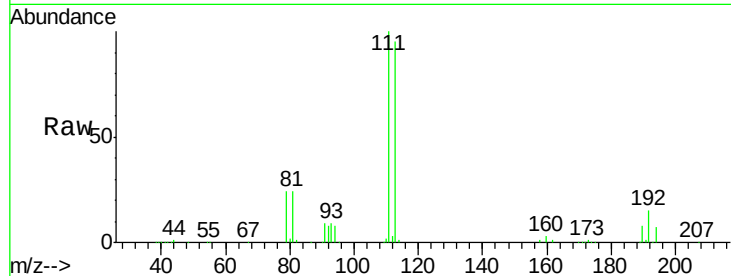




#36
 Dibromofluoromethane
 Concen: 52.05 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027284.D
 Acq: 18 Sep 2015 5:28

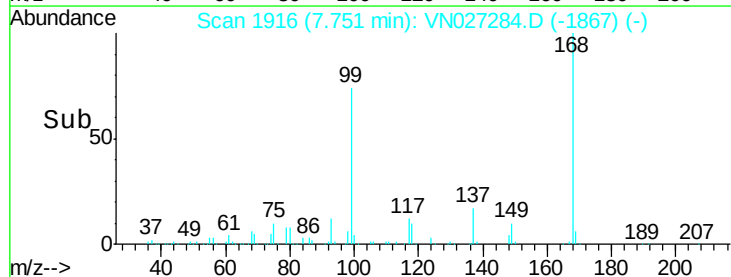
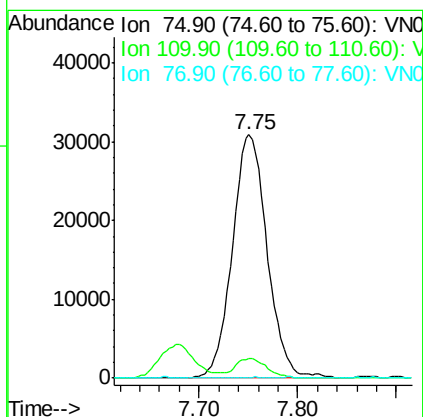
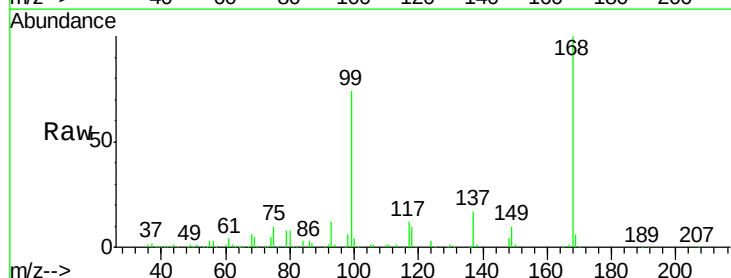
Instrument :
 MSVOA_N
 ClientSampled :
 MW-8

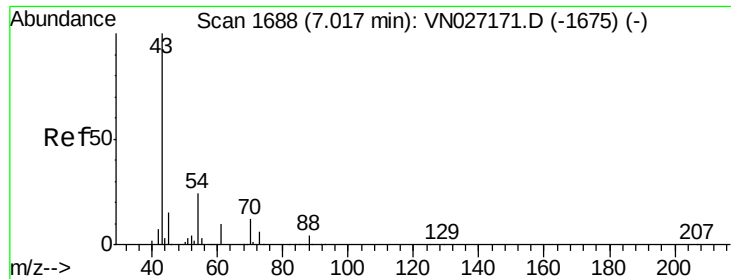
Tgt Ion: 113 Resp: 464598
 Ion Ratio Lower Upper
 113 100
 111 105.7 83.0 124.4
 192 16.0 14.1 21.1



#37
 1,1-Dichloropropene
 Concen: 5.02 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027284.D
 Acq: 18 Sep 2015 5:28

Tgt Ion: 75 Resp: 75722
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.9 47.7#
 77 0.0 24.9 37.3#

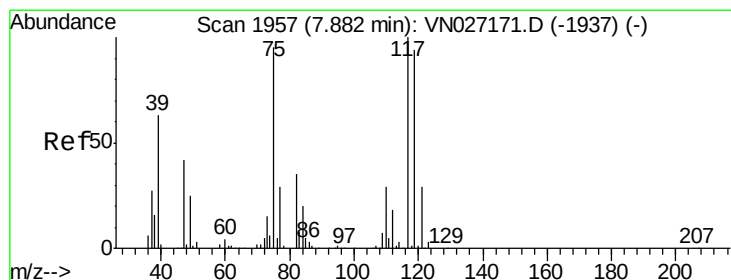
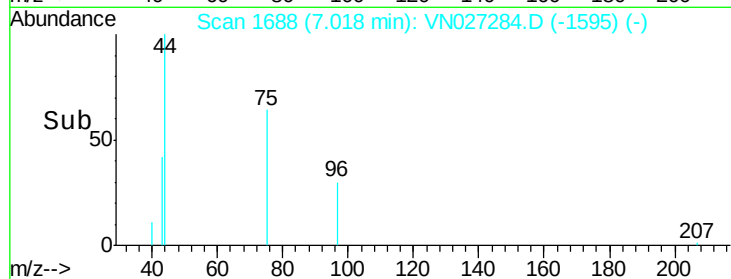
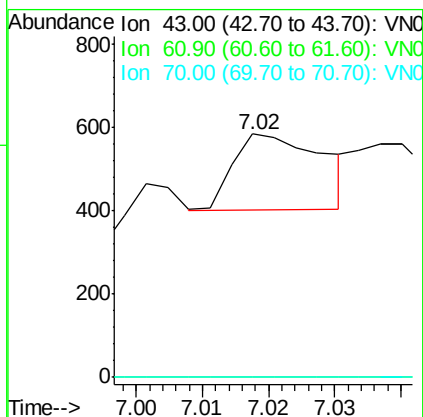
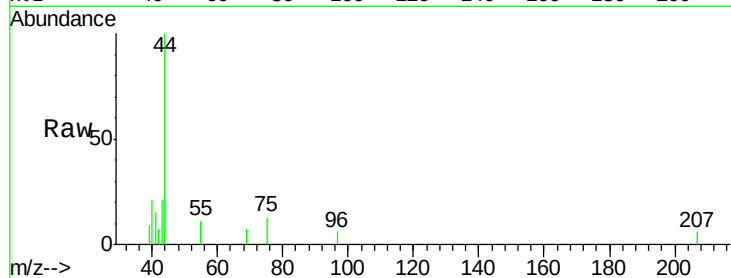




#38
Ethyl Acetate
Concen: Below Cal
RT: 7.02 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN027284.D
Acq: 18 Sep 2015 5:28

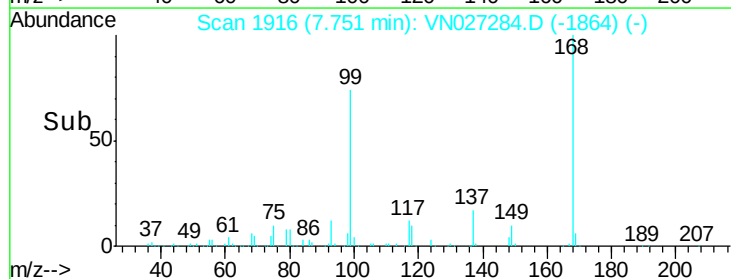
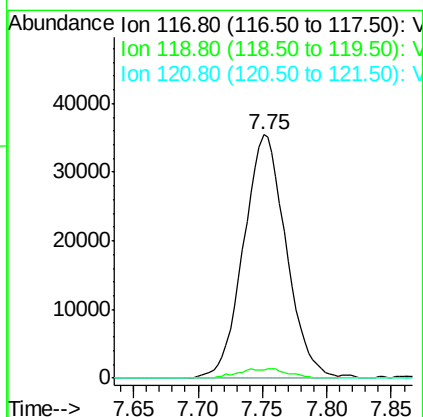
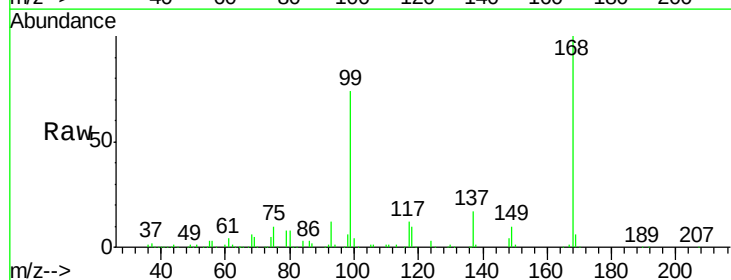
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MSVOA_N
ClientSampleId :
MW-8

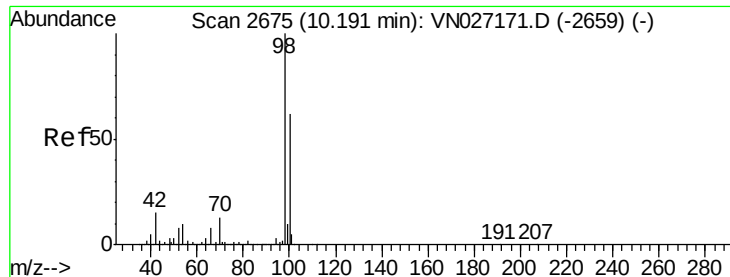
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 7.4 11.0#



#39
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 7.75 min Scan# 1916
Delta R.T. -0.13 min
Lab File: VN027284.D
Acq: 18 Sep 2015 5:28

Tgt Ion: 117 Resp: 81438
Ion Ratio Lower Upper
117 100
119 3.3 75.3 112.9#
121 0.0 23.8 35.8#





#51

Toluene-d8

Concen: 55.03 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

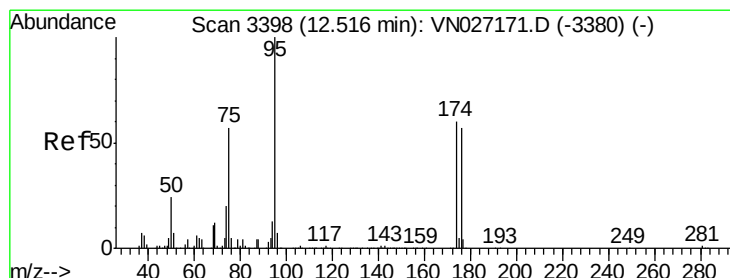
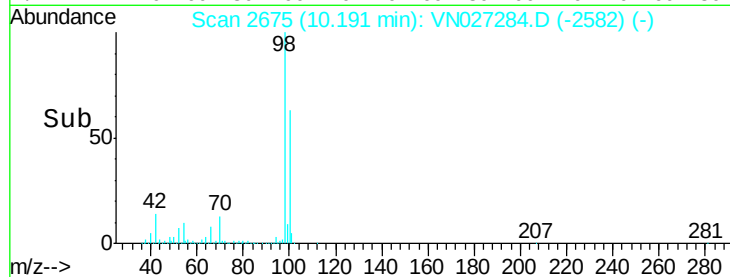
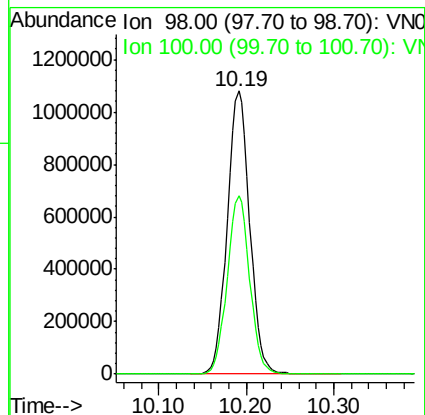
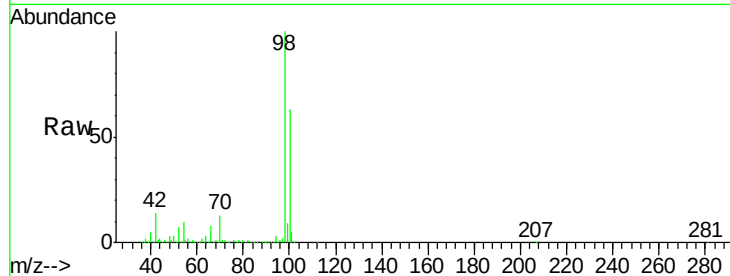
MW-8

Tgt Ion: 98 Resp: 1923483

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 52.74 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

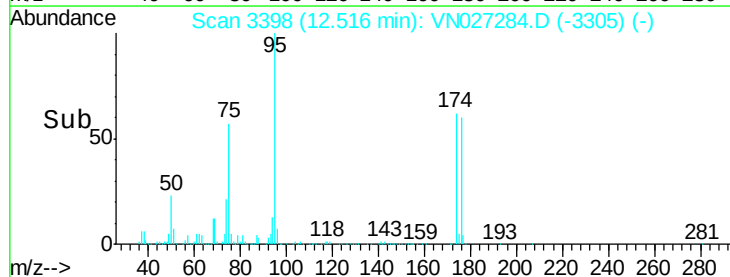
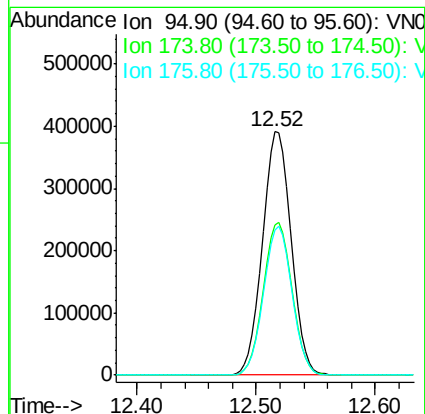
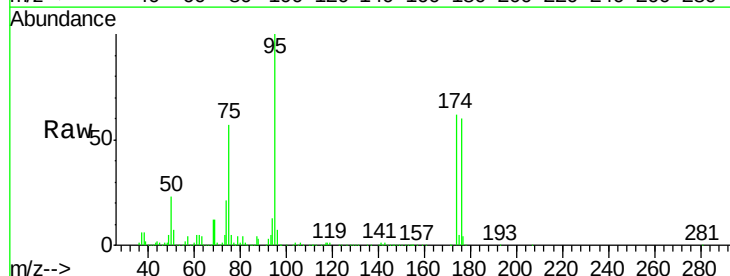
Tgt Ion: 95 Resp: 654287

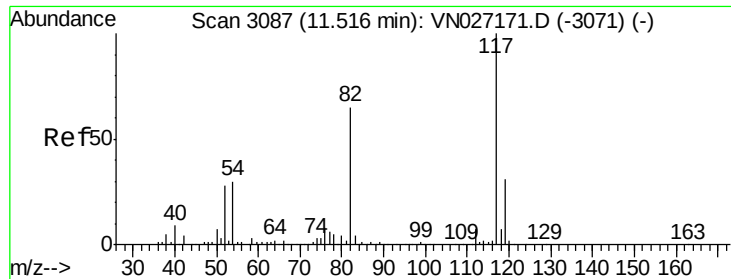
Ion Ratio Lower Upper

95 100

174 62.6 0.0 137.0

176 60.6 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: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampleId :

MW-8

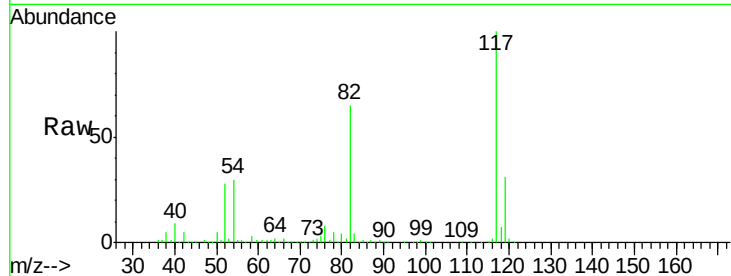
Tgt Ion:117 Resp: 1112139

Ion Ratio Lower Upper

117 100

82 64.6 49.6 74.4

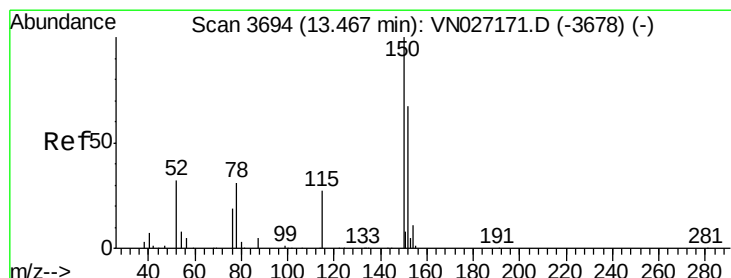
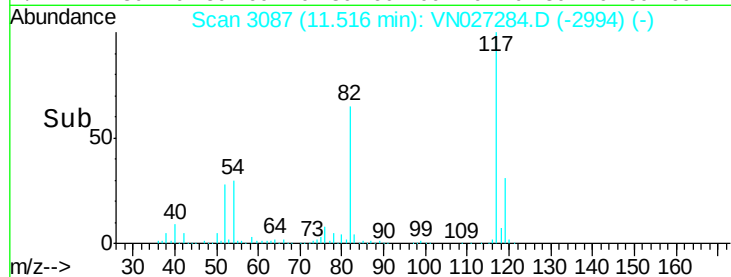
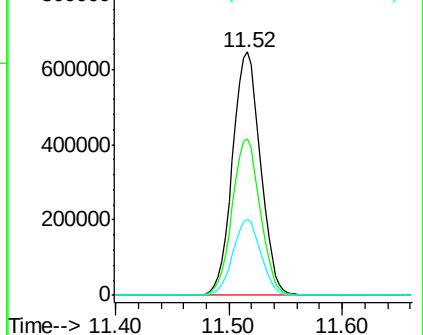
119 31.2 24.6 36.8



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



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

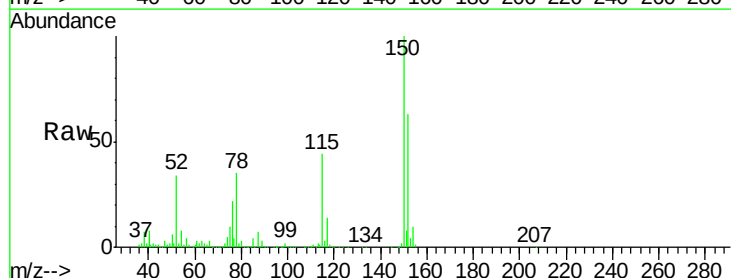
Tgt Ion:152 Resp: 411743

Ion Ratio Lower Upper

152 100

115 68.1 30.8 92.3

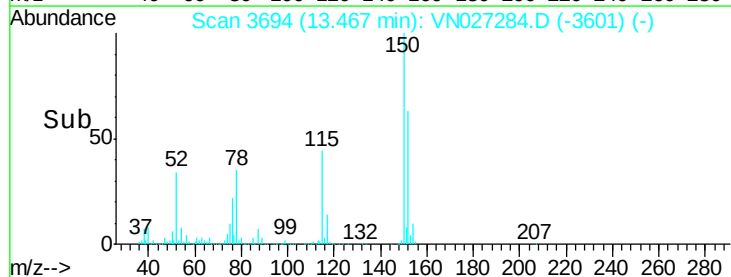
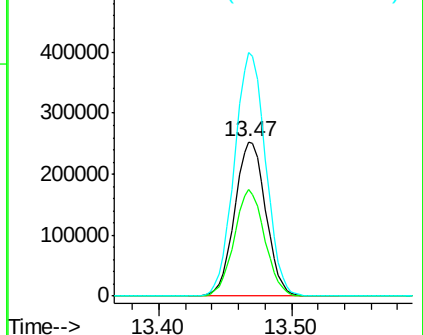
150 159.0 0.0 345.0

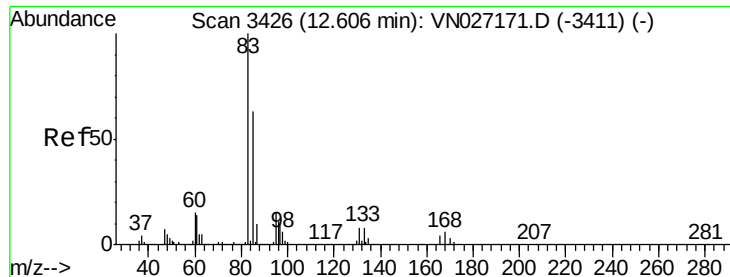


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.60 min Scan# 3423

Delta R.T. -0.01 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

MW-8

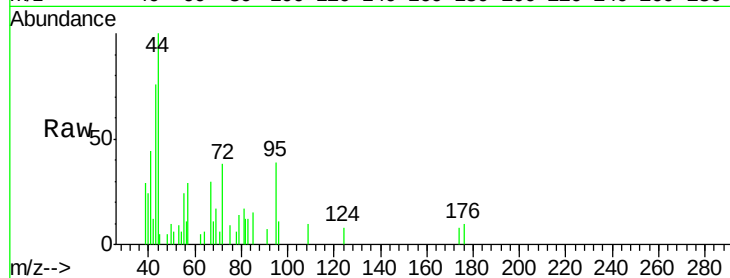
Tgt Ion: 83 Resp: 280

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

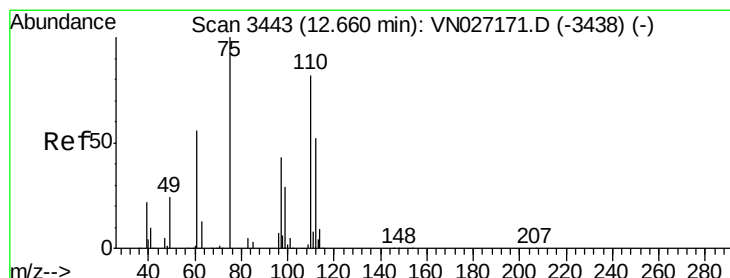
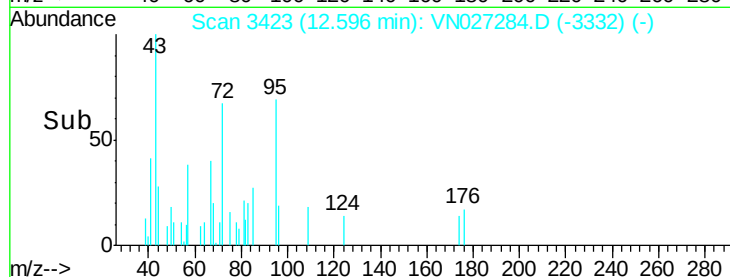
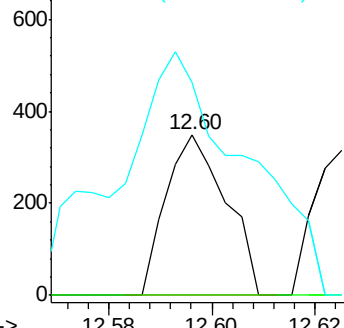
85 328.2 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#77

1,2,3-Trichloropropane

Concen: 30.05 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.14 min

Lab File: VN027284.D

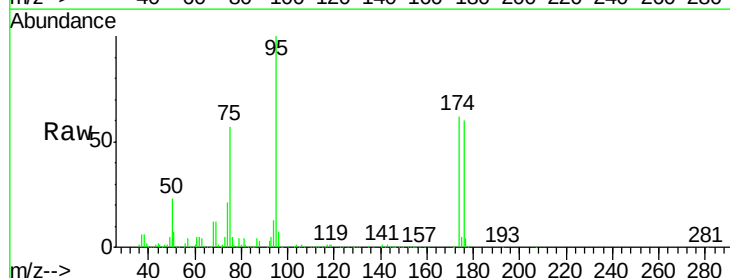
Acq: 18 Sep 2015 5:28

Tgt Ion: 75 Resp: 373997

Ion Ratio Lower Upper

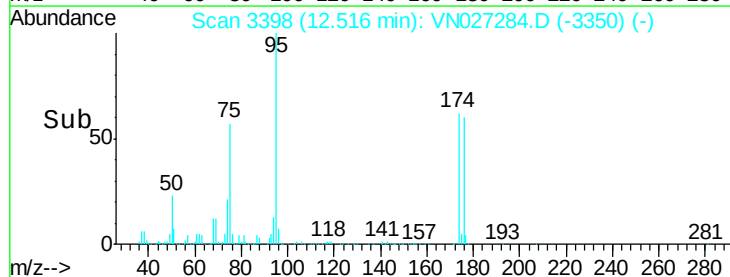
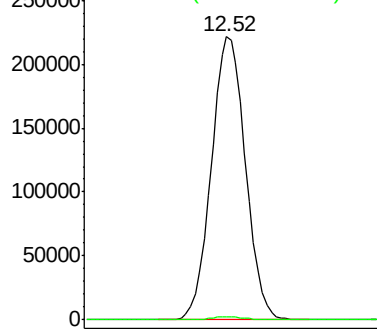
75 100

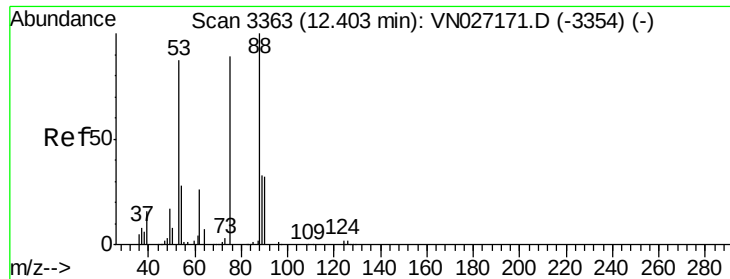
77 1.1 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#82

trans-1,4-Dichloro-2-butene

Concen: 73.82 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

MW-8

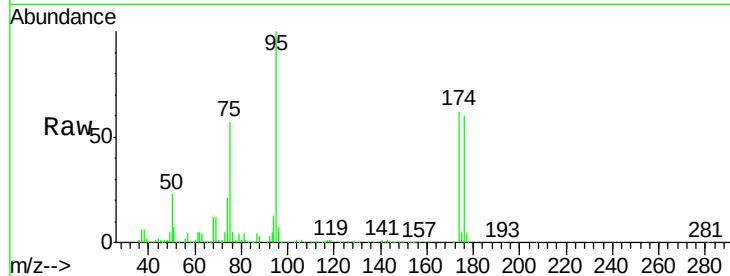
Tgt Ion: 75 Resp: 373997

Ion Ratio Lower Upper

75 100

53 0.1 92.9 139.3#

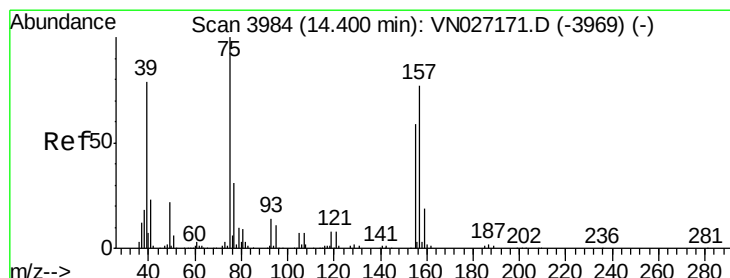
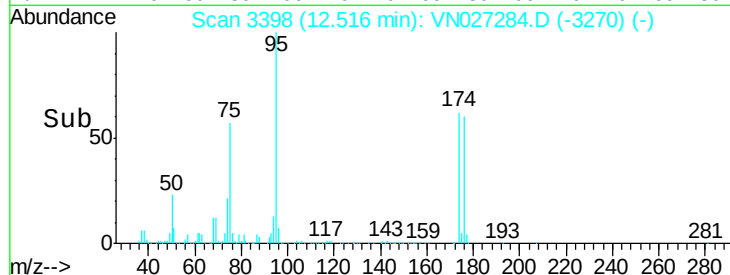
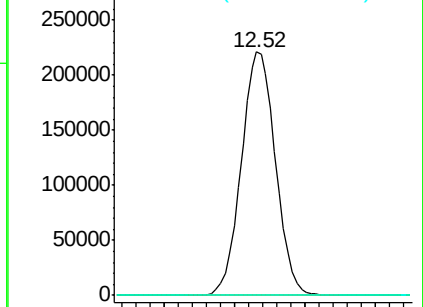
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.37 min Scan# 3976

Delta R.T. -0.02 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

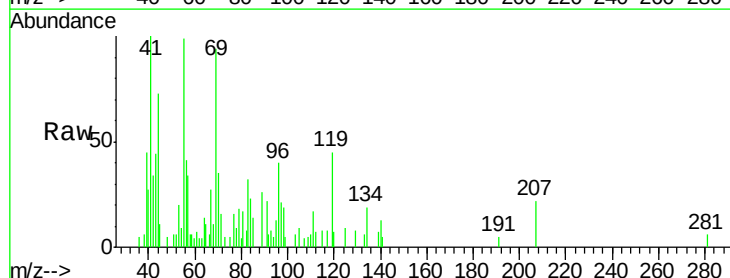
Tgt Ion: 75 Resp: 143

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

157 0.0 44.6 133.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

