

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027174.D
 Acq On : 15 Sep 2015 19:10
 Operator : MD\FY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Sep 16 01:17:59 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	825536	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1484304	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1234539	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	432363	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	825355	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
36) Dibromofluoromethane	7.68	113	540042	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
51) Toluene-d8	10.19	98	2154645	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
63) 4-Bromofluorobenzene	12.52	95	731245	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	

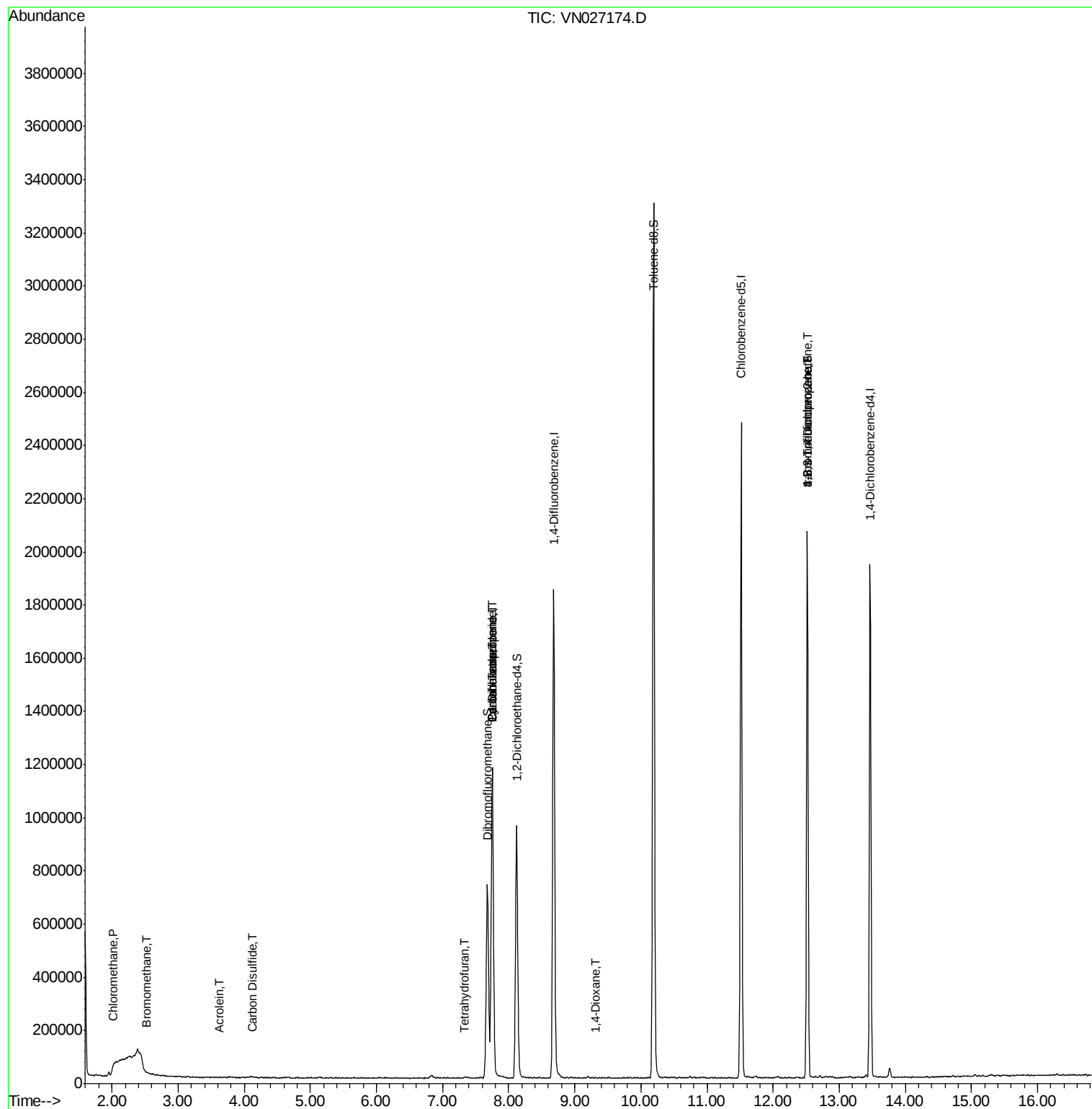
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.01	50	1956	1.28	ug/l #	83
6) Bromomethane	2.53	94	225	1.64	ug/l	98
14) Acrolein	3.62	56	395	0.20	ug/l #	37
18) Carbon Disulfide	4.12	76	8203	0.24	ug/l #	93
30) Tetrahydrofuran	7.32	42	1032	0.22	ug/l #	69
32) Cyclohexane	7.75	56	26050	0.20	ug/l #	3
37) 1,1-Dichloropropene	7.75	75	87311	5.02	ug/l #	50
38) Ethyl Acetate	7.00	43	1380	Below Cal	#	65
39) Carbon Tetrachloride	7.75	117	94972	5.81	ug/l #	17
50) 1,4-Dioxane	9.31	88	64	0.39	ug/l #	1
76) 1,1,2,2-Tetrachloroethane	12.60	83	90	Below Cal	#	1
77) 1,2,3-Trichloropropane	12.52	75	412494	31.57	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	412494	77.54	ug/l #	4
93) 1,2-Dibromo-3-Chloropropan	14.40	75	240	Below Cal	#	9

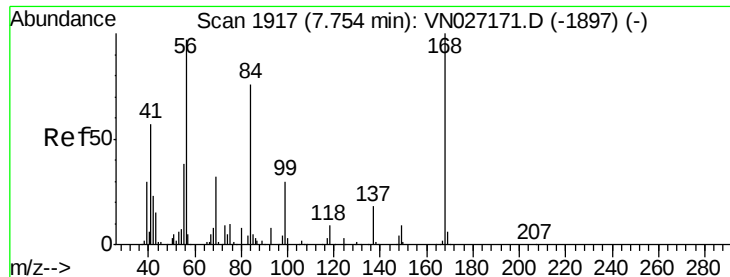
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1917

Delta R.T. 0.00 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

Instrument :

MSVOA_N

ClientSampleId :

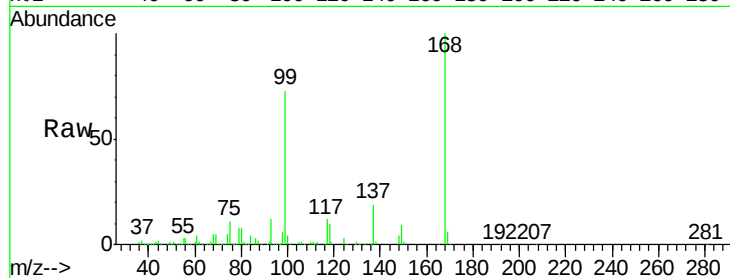
I.BLK

Tgt Ion:168 Resp: 825536

Ion Ratio Lower Upper

168 100

99 72.8 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

400000

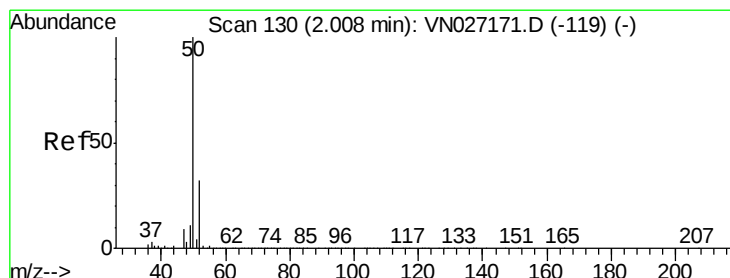
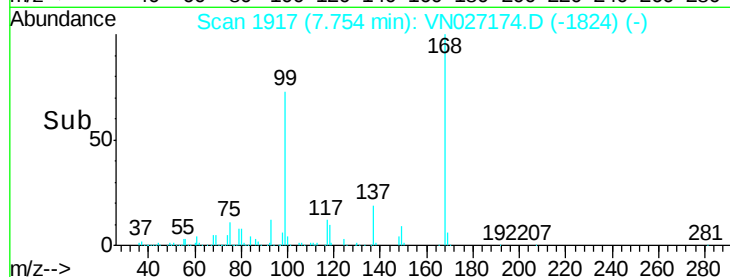
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.28 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027174.D

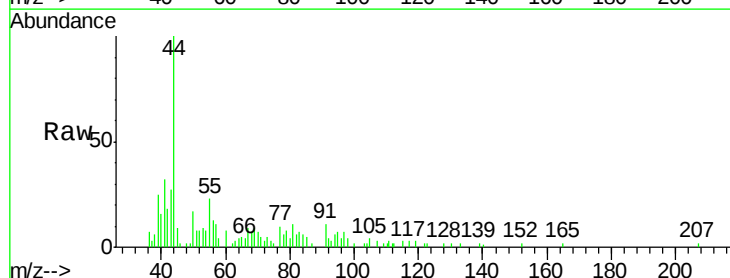
Acq: 15 Sep 2015 19:10

Tgt Ion: 50 Resp: 1956

Ion Ratio Lower Upper

50 100

52 41.7 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.01

2000

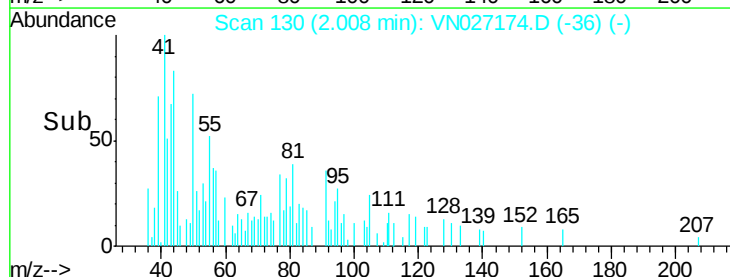
1500

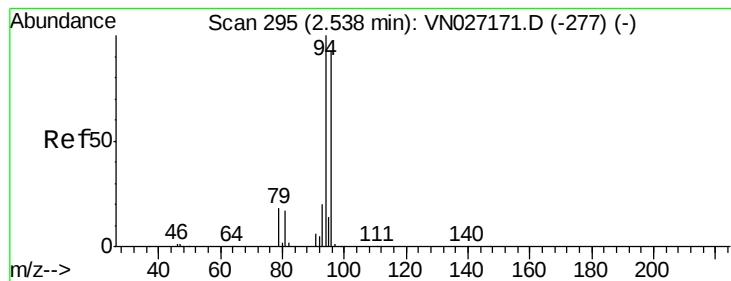
1000

500

0

Time-->





#6

Bromomethane

Concen: 1.64 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.01 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

Instrument :

MSVOA_N

ClientSampled :

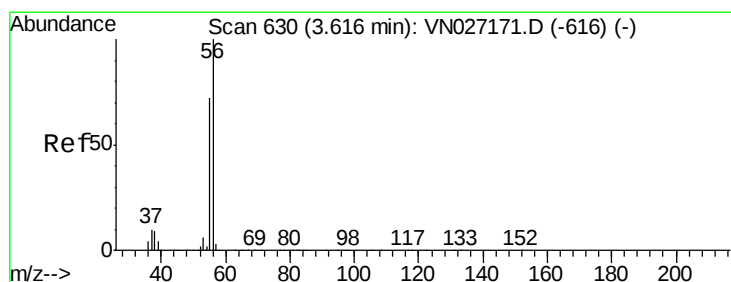
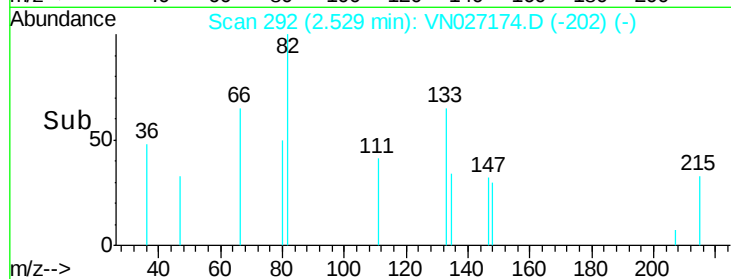
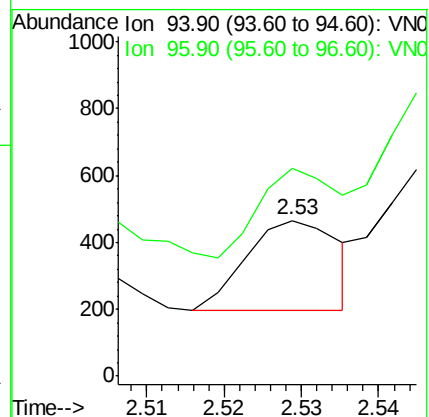
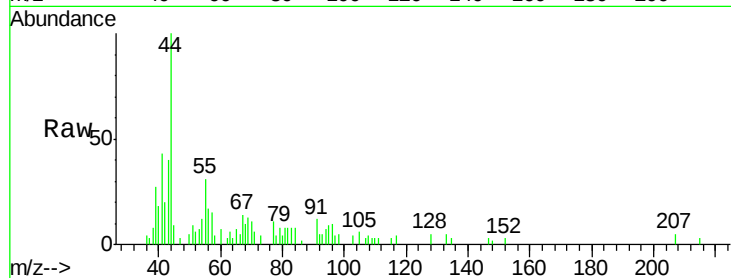
I.BLK

Tgt Ion: 94 Resp: 225

Ion Ratio Lower Upper

94 100

96 94.1 73.4 110.2



#14

Acrolein

Concen: 0.20 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN027174.D

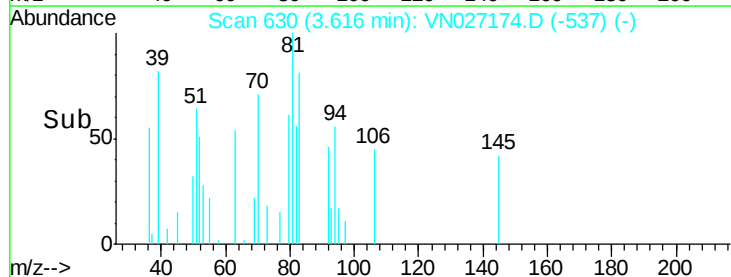
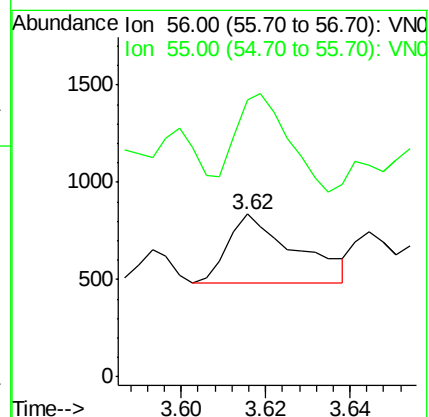
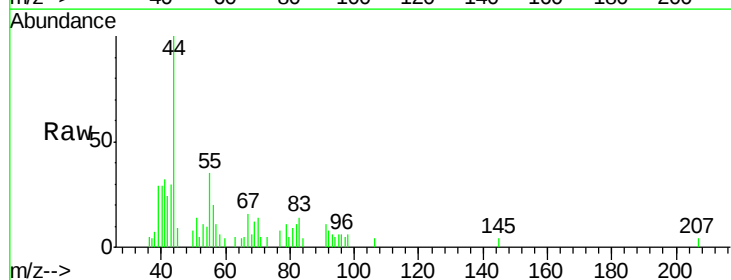
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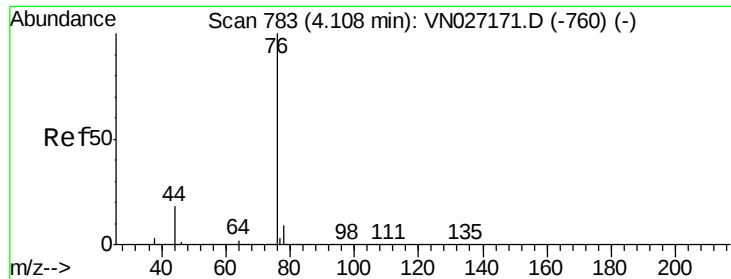
Tgt Ion: 56 Resp: 395

Ion Ratio Lower Upper

56 100

55 121.0 55.7 83.5#

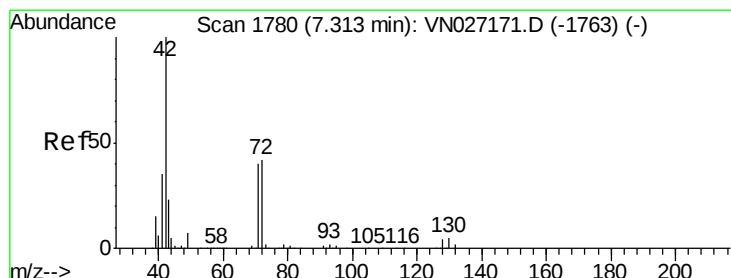
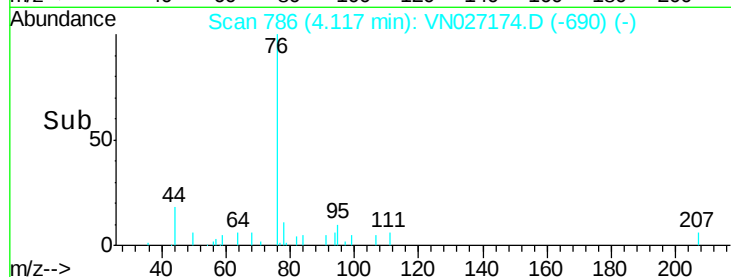
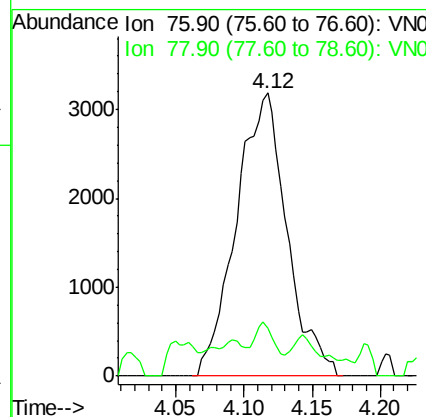
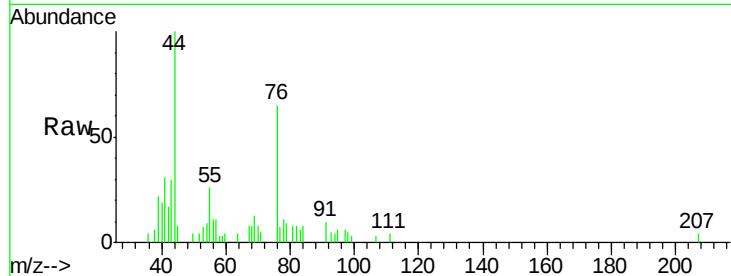




#18
Carbon Disulfide
Concen: 0.24 ug/l
RT: 4.12 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN027174.D
Acq: 15 Sep 2015 19:10

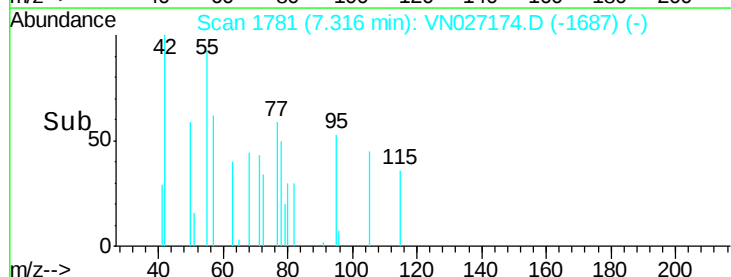
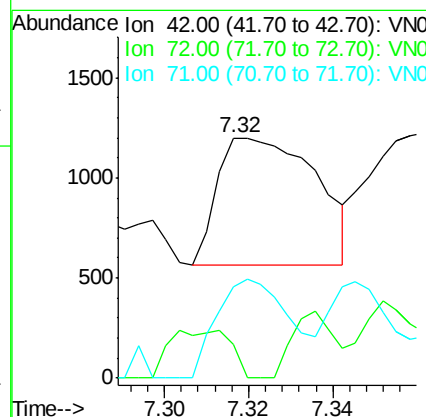
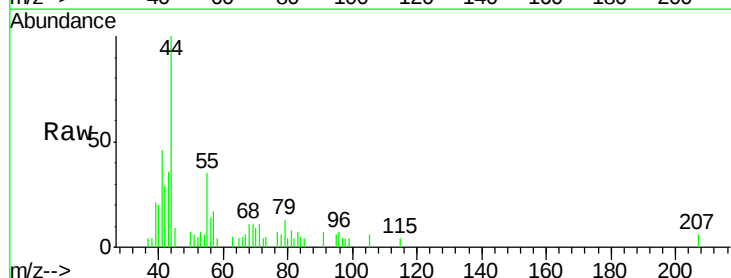
Instrument :
MSVOA_N
ClientSampleId :
I.BLK

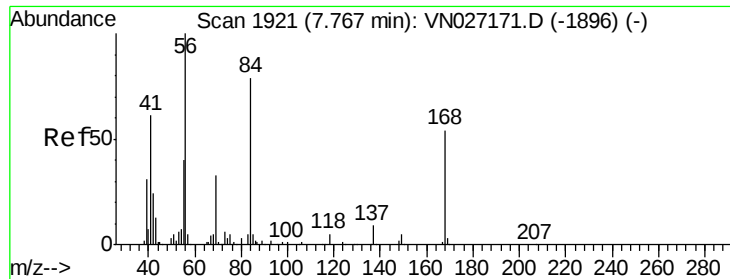
Tgt Ion: 76 Resp: 8203
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#



#30
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.32 min Scan# 1781
Delta R.T. 0.00 min
Lab File: VN027174.D
Acq: 15 Sep 2015 19:10

Tgt Ion: 42 Resp: 1032
Ion Ratio Lower Upper
42 100
72 23.4 29.9 44.9#
71 58.4 28.3 42.5#

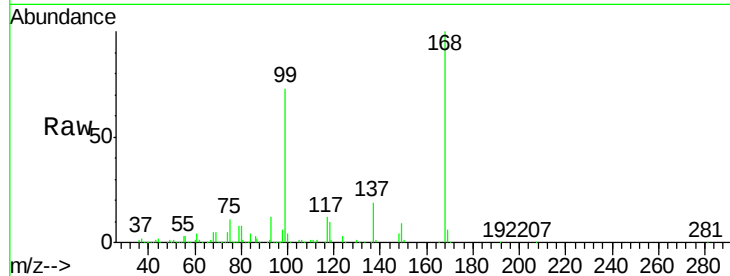




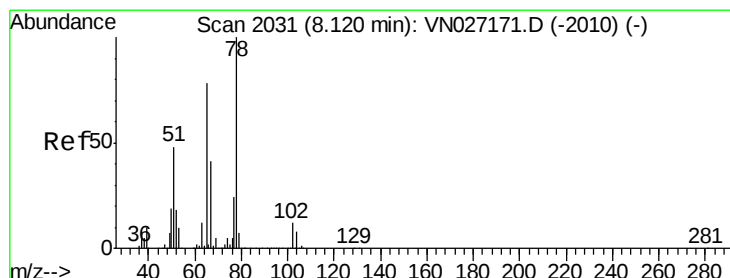
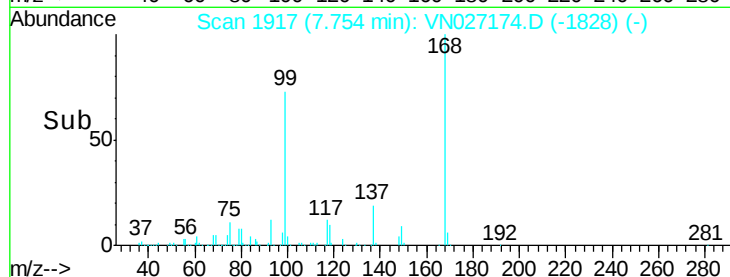
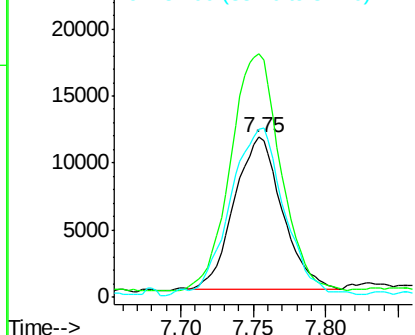
#32
Cyclohexane
Concen: 0.20 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VN027174.D
Acq: 15 Sep 2015 19:10

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 56 Resp: 26050
Ion Ratio Lower Upper
56 100
69 154.3 23.0 34.4#
84 107.5 57.8 86.8#

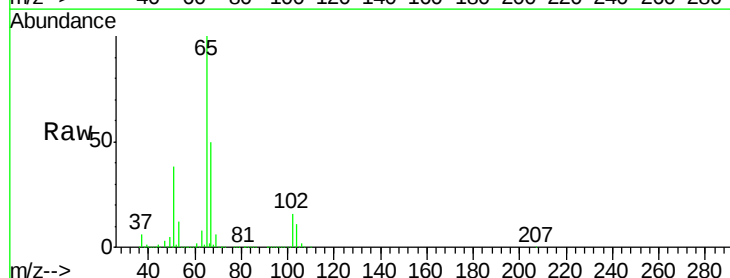


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

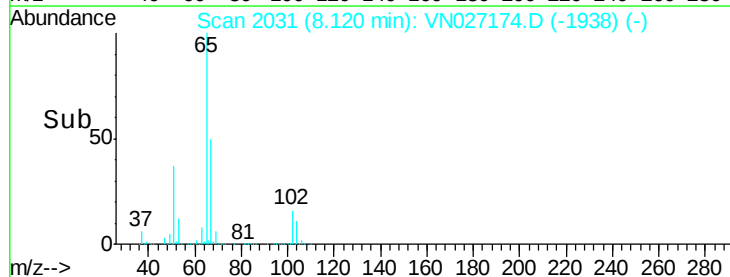
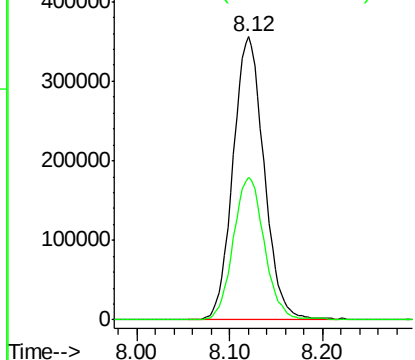


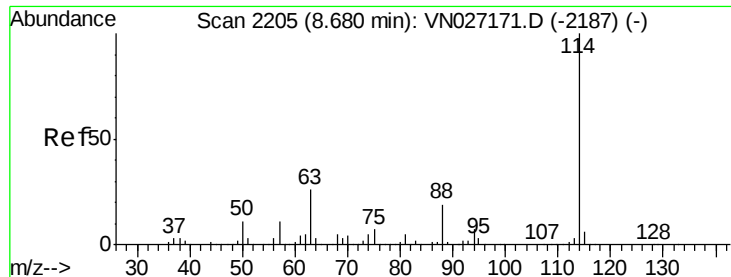
#34
1,2-Dichloroethane-d4
Concen: 48.80 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VN027174.D
Acq: 15 Sep 2015 19:10

Tgt Ion: 65 Resp: 825355
Ion Ratio Lower Upper
65 100
67 50.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

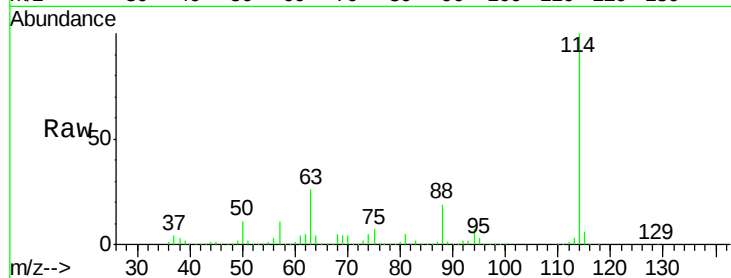




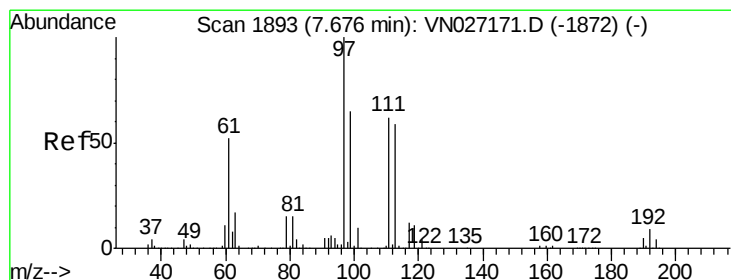
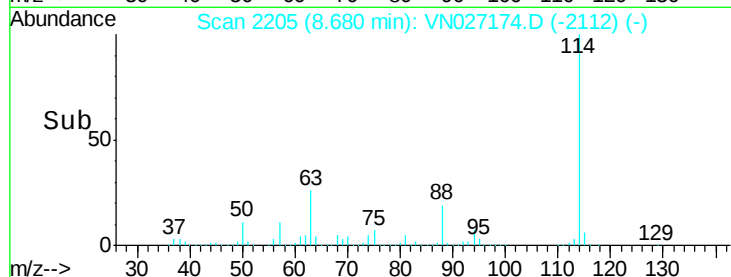
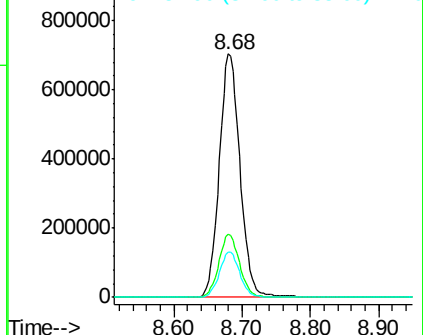
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027174.D
 Acq: 15 Sep 2015 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tgt Ion:114 Resp: 1484304
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 48.8
 88 18.7 0.0 32.2

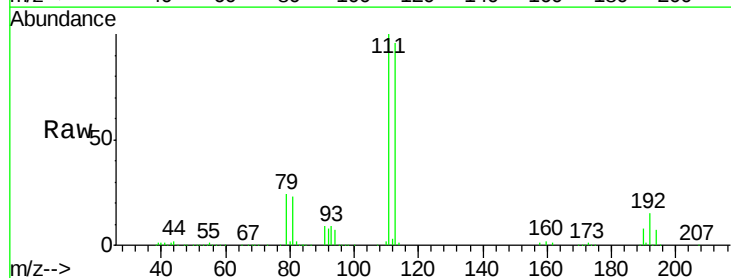


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

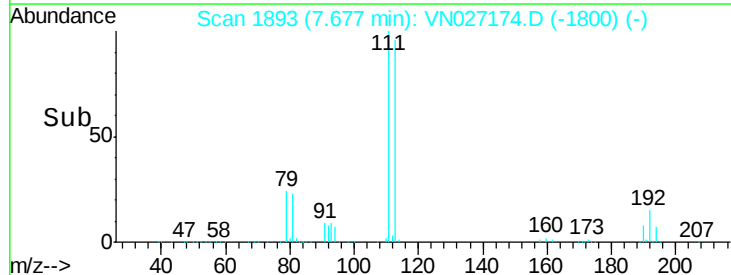
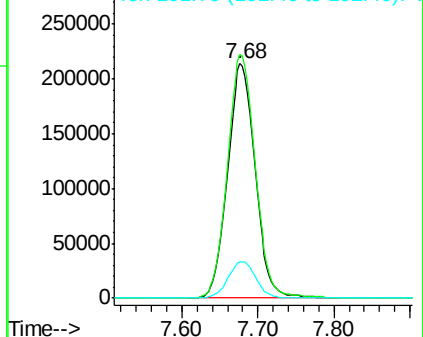


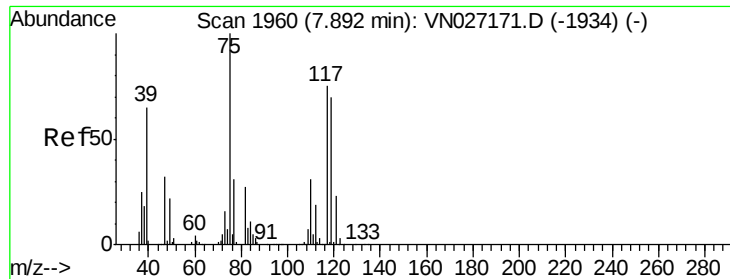
#36
 Dibromofluoromethane
 Concen: 52.49 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027174.D
 Acq: 15 Sep 2015 19:10

Tgt Ion:113 Resp: 540042
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.4
 192 15.8 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

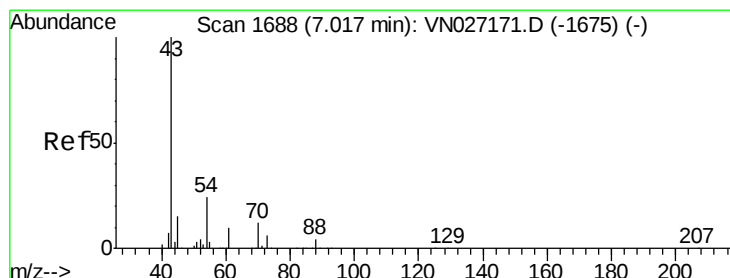
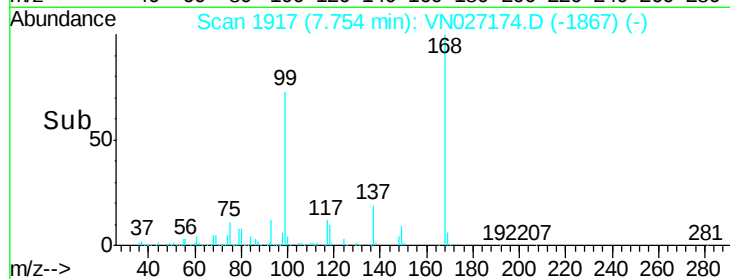
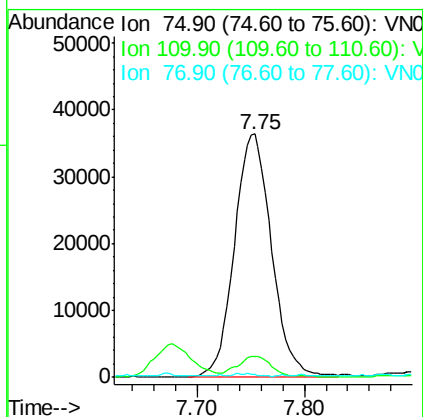
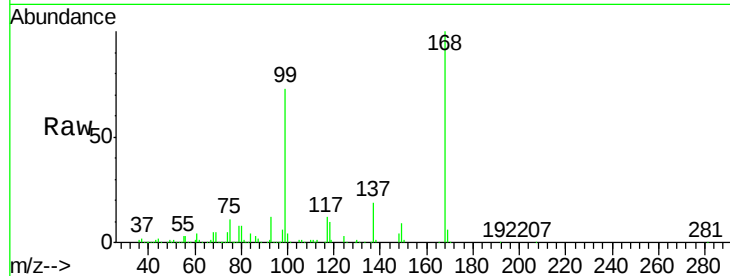




#37
 1,1-Dichloropropene
 Concen: 5.02 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. -0.14 min
 Lab File: VN027174.D
 Acq: 15 Sep 2015 19:10

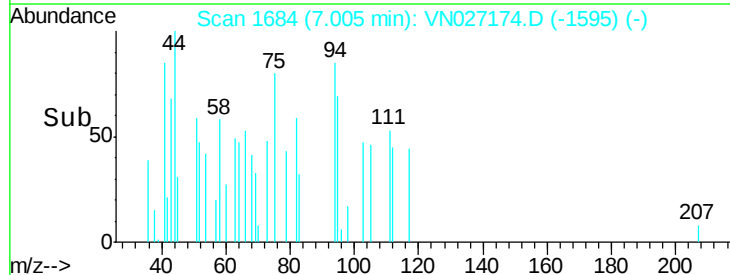
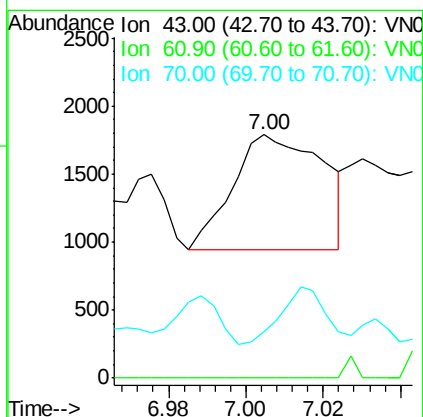
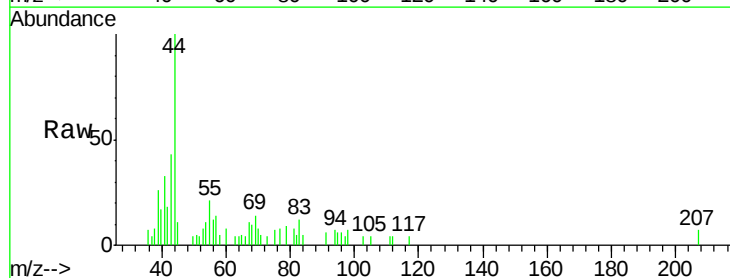
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

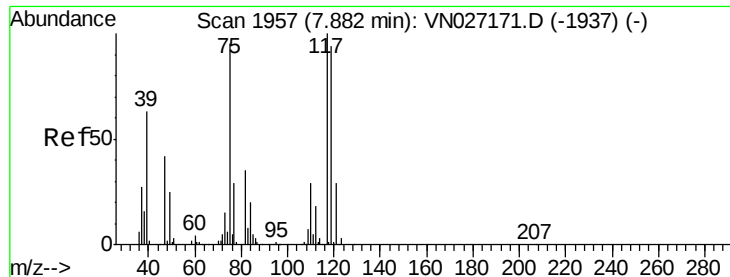
Tgt Ion: 75 Resp: 87311
 Ion Ratio Lower Upper
 75 100
 110 7.4 15.9 47.7#
 77 0.2 24.9 37.3#



#38
 Ethyl Acetate
 Concen: Below Cal
 RT: 7.00 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: VN027174.D
 Acq: 15 Sep 2015 19:10

Tgt Ion: 43 Resp: 1380
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.4#
 70 23.0 7.4 11.0#





#39

Carbon Tetrachloride

Concen: 5.81 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. -0.13 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

Instrument :

MSVOA_N

ClientSampled :

I.BLK

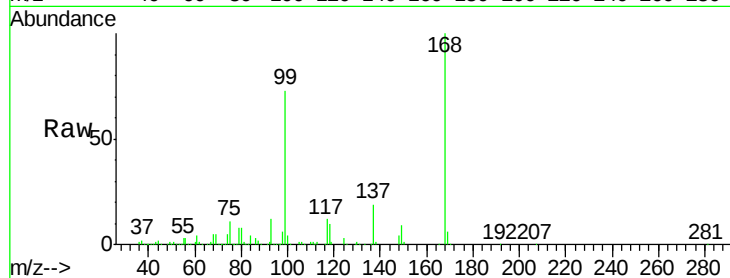
Tgt Ion:117 Resp: 94972

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

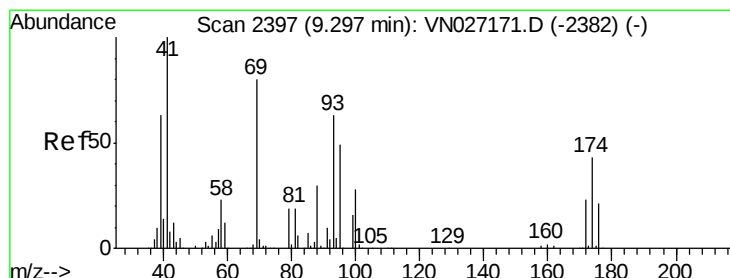
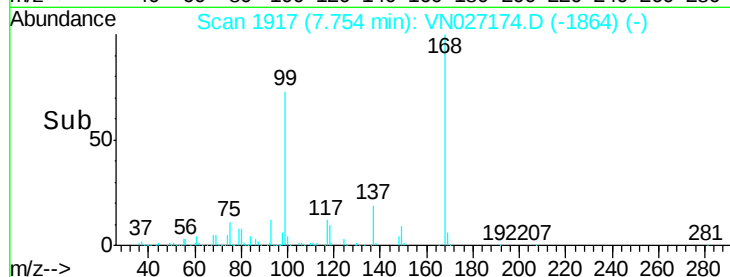
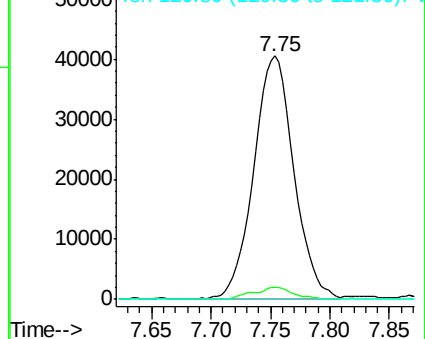
121 0.0 23.8 35.8#



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

1,4-Dioxane

Concen: 0.39 ug/l

RT: 9.31 min Scan# 2401

Delta R.T. 0.01 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

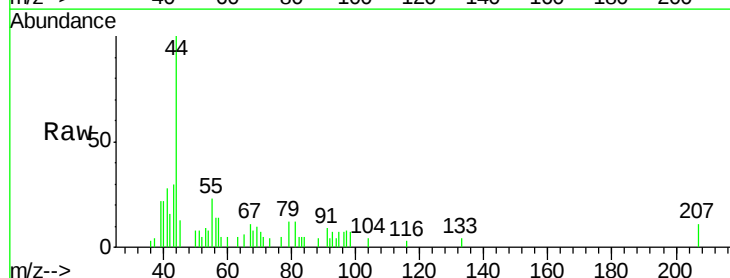
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 506.3 27.6 41.4#

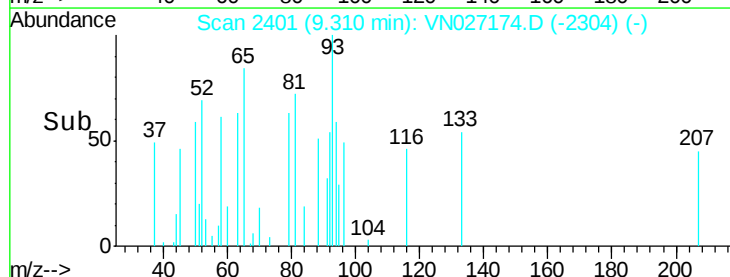
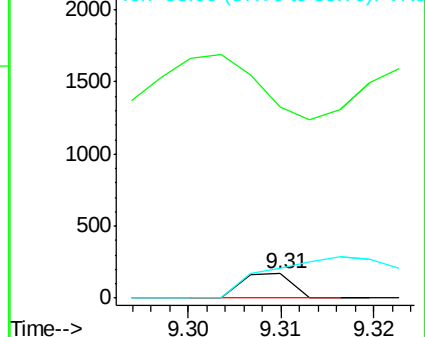
58 520.3 63.1 94.7#

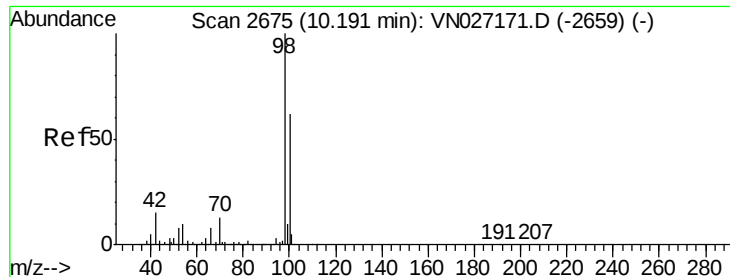


Abundance Ion 88.00 (87.70 to 88.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#51

Toluene-d8

Concen: 53.48 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

Instrument :

MSVOA_N

ClientSampleId :

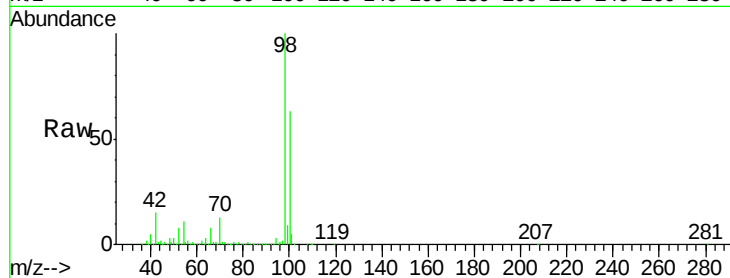
I.BLK

Tgt Ion: 98 Resp: 2154645

Ion Ratio Lower Upper

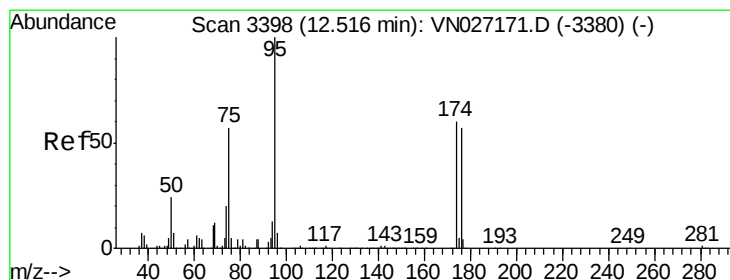
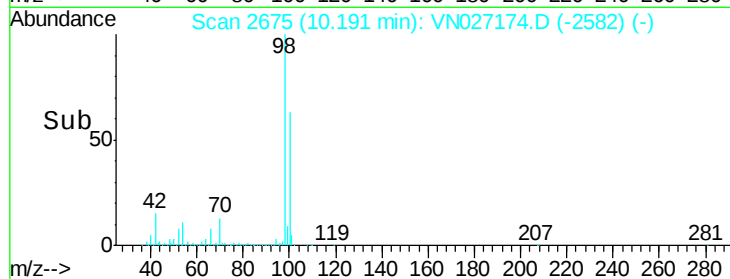
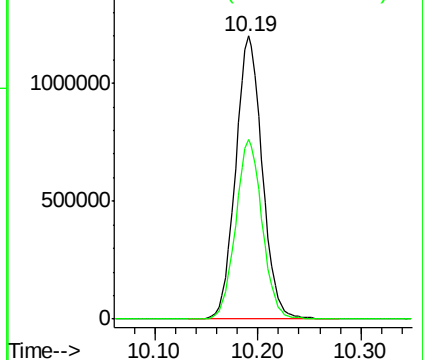
98 100

100 63.4 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#63

4-Bromofluorobenzene

Concen: 51.14 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

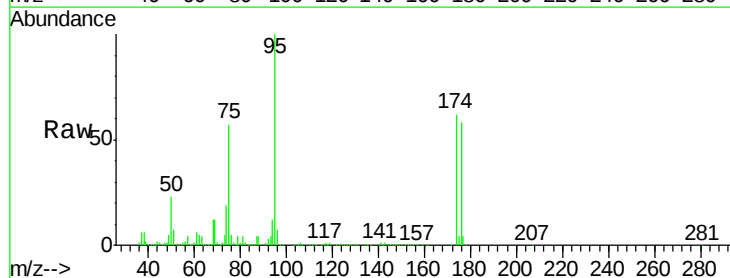
Tgt Ion: 95 Resp: 731245

Ion Ratio Lower Upper

95 100

174 61.4 0.0 137.0

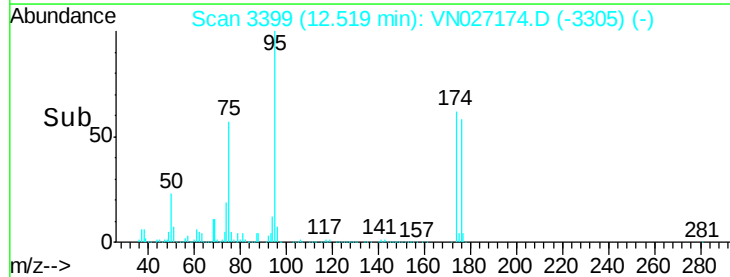
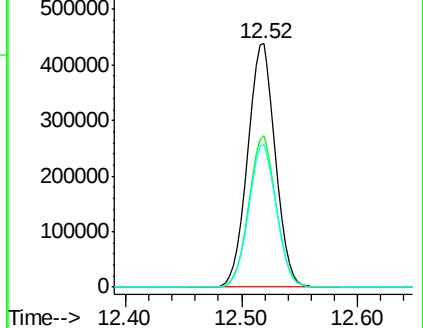
176 58.7 0.0 130.8

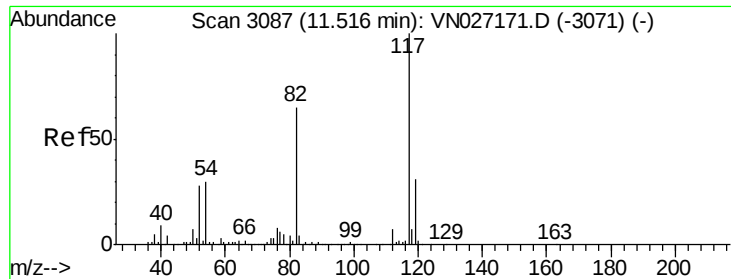


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

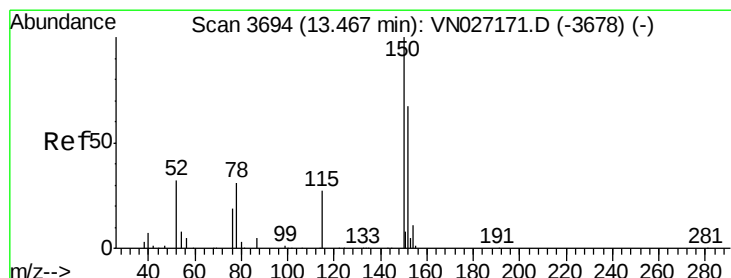
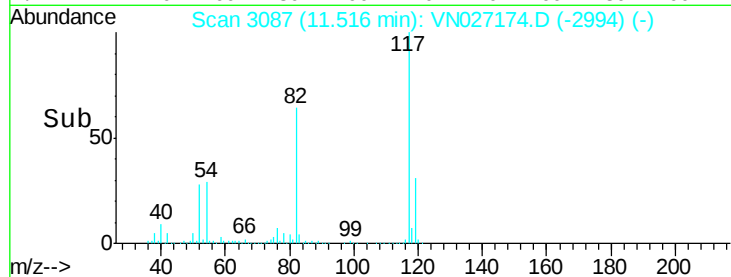
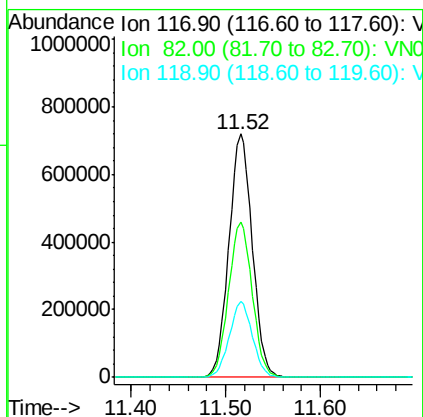
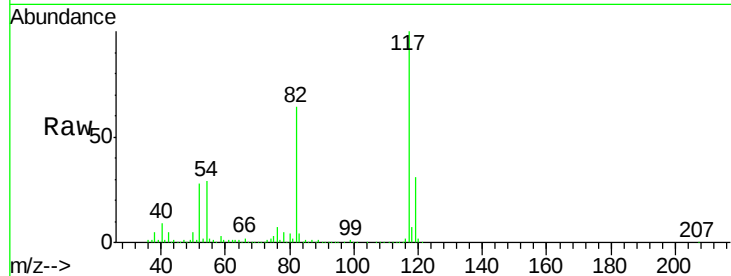




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027174.D
Acq: 15 Sep 2015 19:10

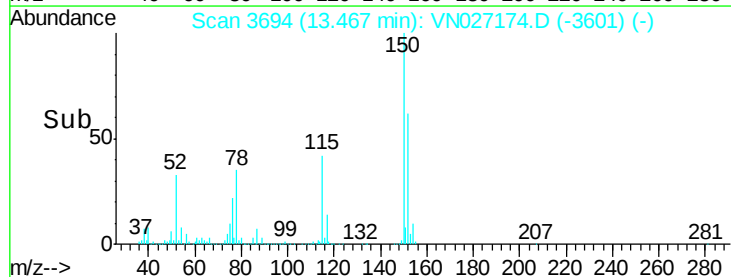
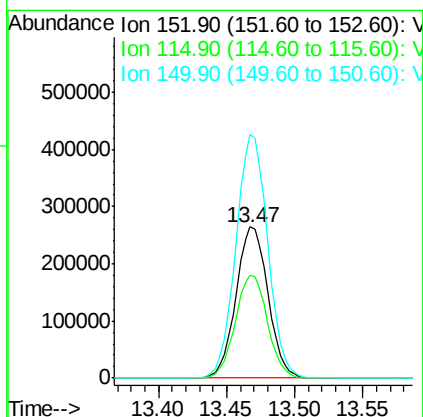
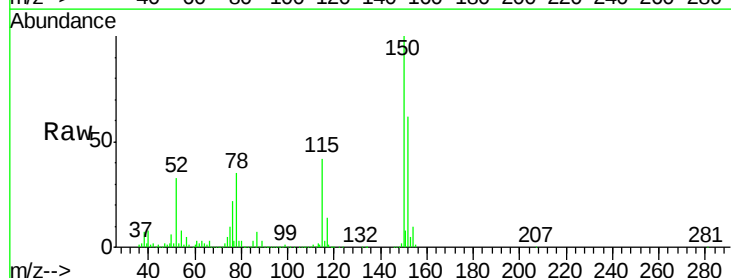
Instrument :
MSVOA_N
ClientSampleId :
I.BLK

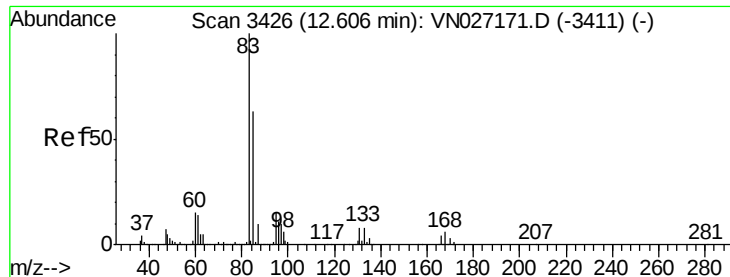
Tgt Ion:117 Resp: 1234539
Ion Ratio Lower Upper
117 100
82 63.7 49.6 74.4
119 31.0 24.6 36.8



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027174.D
Acq: 15 Sep 2015 19:10

Tgt Ion:152 Resp: 432363
Ion Ratio Lower Upper
152 100
115 67.7 30.8 92.3
150 159.8 0.0 345.0





#76

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.60 min Scan# 3424

Delta R.T. -0.01 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

Instrument :

MSVOA_N

ClientSampled :

I.BLK

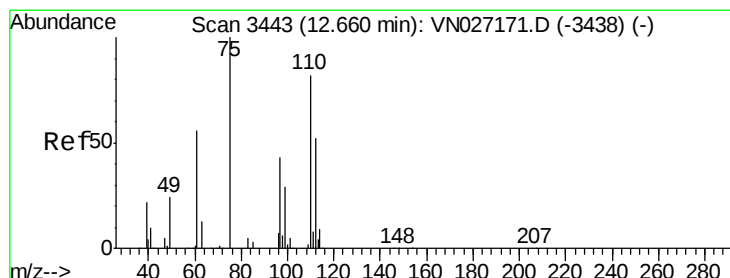
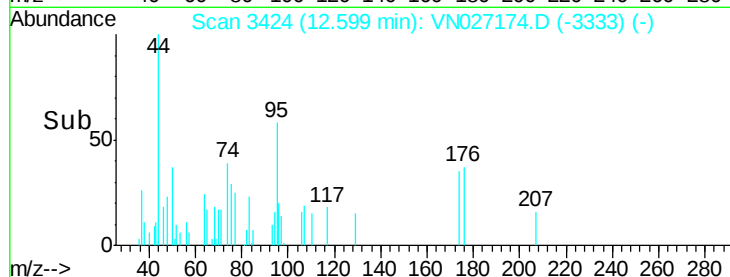
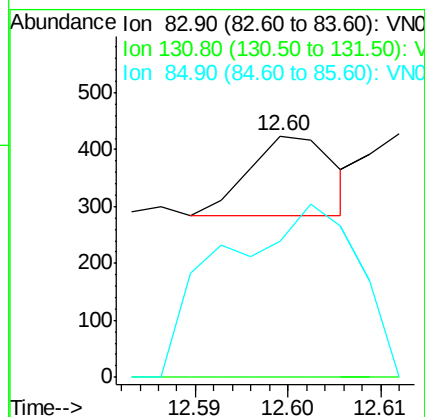
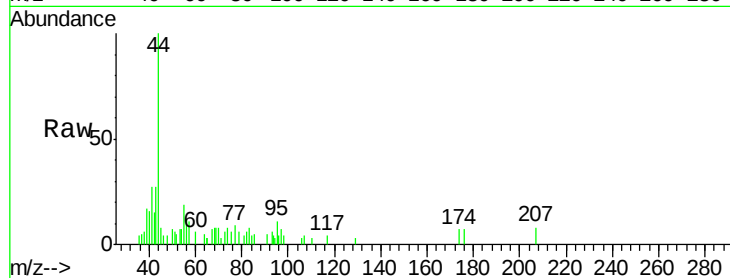
Tgt Ion: 83 Resp: 90

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

85 344.4 31.9 95.7#



#77

1,2,3-Trichloropropane

Concen: 31.57 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.14 min

Lab File: VN027174.D

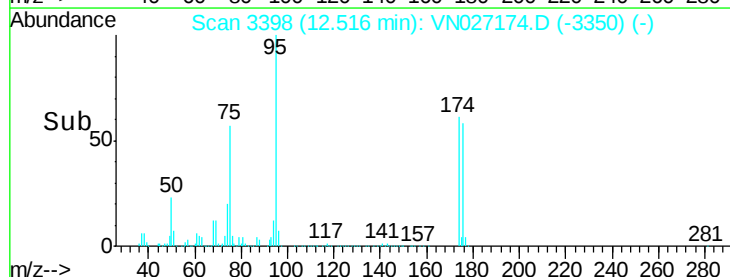
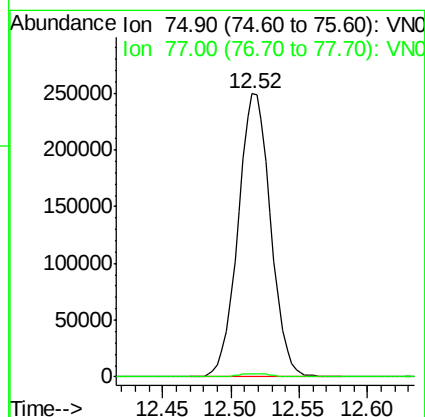
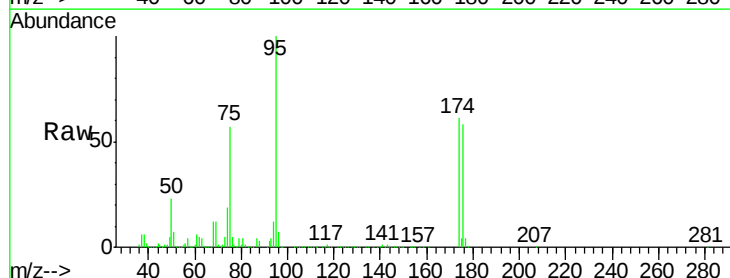
Acq: 15 Sep 2015 19:10

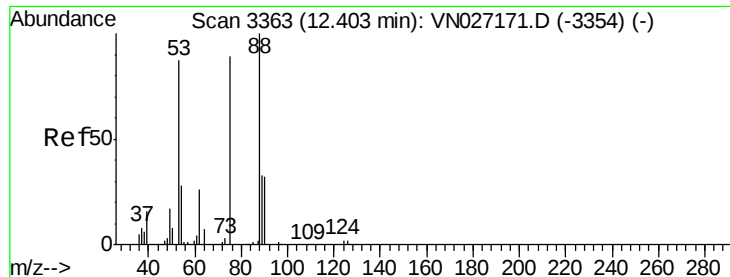
Tgt Ion: 75 Resp: 412494

Ion Ratio Lower Upper

75 100

77 1.3 103.1 309.3#





#82

trans-1,4-Dichloro-2-butene

Concen: 77.54 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

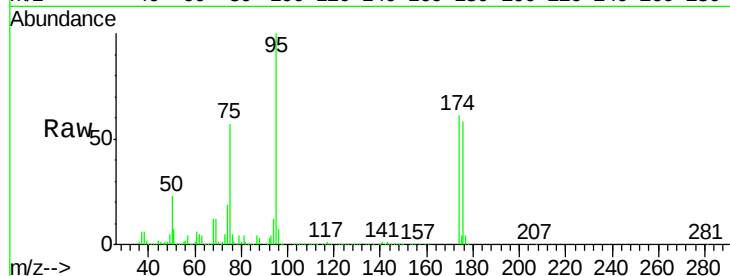
Tgt Ion: 75 Resp: 412494

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

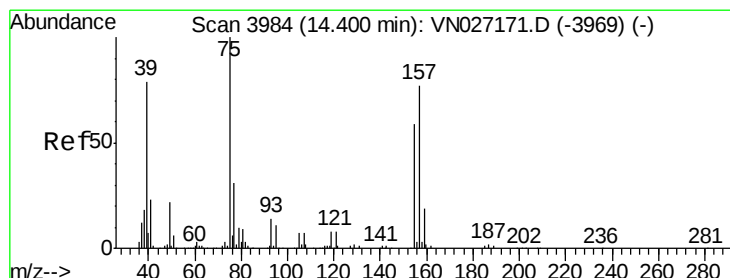
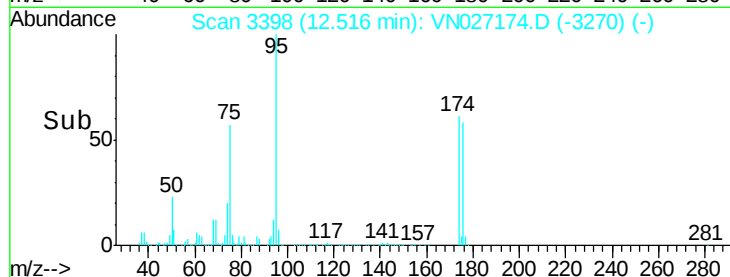
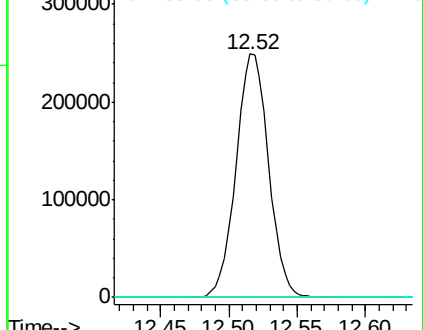
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): 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: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027174.D

Acq: 15 Sep 2015 19:10

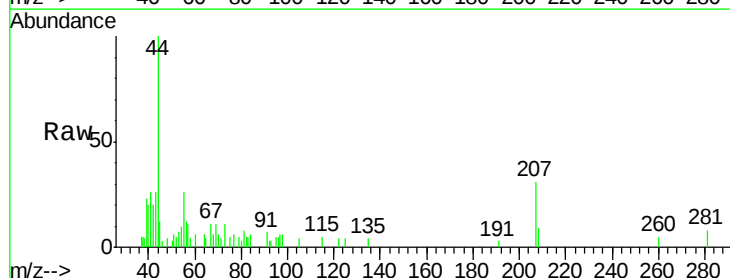
Tgt Ion: 75 Resp: 240

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

