

Data Path : W:\HPCHEM1\MSVOA\_N\DATA\VN091715\  
 Data File : VN027259.D  
 Acq On : 17 Sep 2015 17:03  
 Operator : MD\FY  
 Sample : G3704-03  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-4-9-15-15

Quant Time: Sep 18 01:15:34 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  | 717945   | 50.00 | ug/l  | 0.00     |
| 35) 1,4-Difluorobenzene    | 8.68  | 114  | 1283422  | 50.00 | ug/l  | 0.00     |
| 64) Chlorobenzene-d5       | 11.52 | 117  | 1086068  | 50.00 | ug/l  | 0.00     |
| 73) 1,4-Dichlorobenzene-d4 | 13.47 | 152  | 403418   | 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   | 723951   | 49.21 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.42%  |          |
| 36) Dibromofluoromethane    | 7.68  | 113  | 461461   | 51.87 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.74% |          |
| 51) Toluene-d8              | 10.19 | 98   | 1868756  | 53.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.30% |          |
| 63) 4-Bromofluorobenzene    | 12.52 | 95   | 640155   | 51.78 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.56% |          |

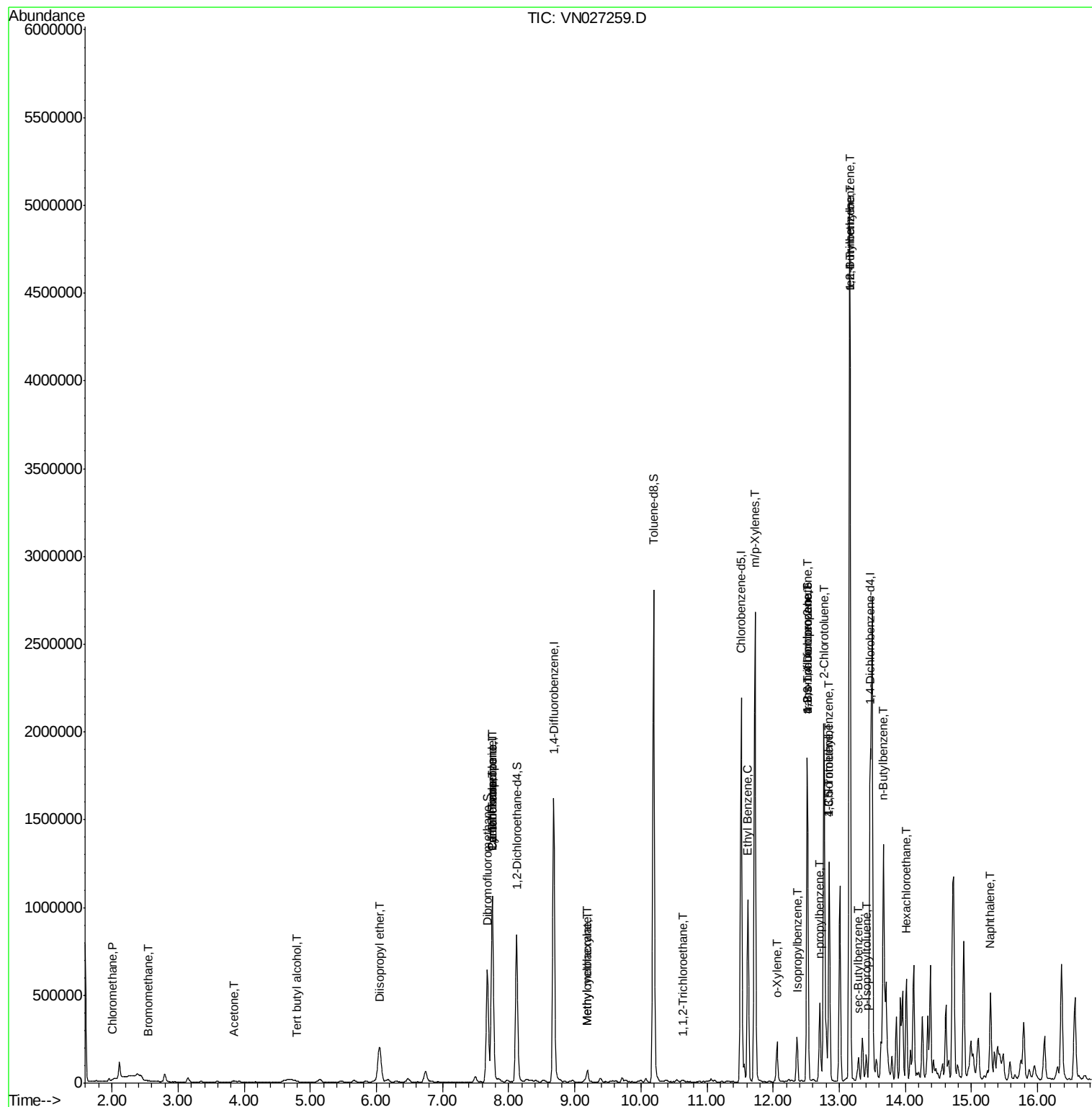
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 4) Chloromethane               | 2.01  | 50   | 1424     | 1.25      | ug/l  | # 68   |
| 6) Bromomethane                | 2.55  | 94   | 416      | 1.68      | ug/l  | # 71   |
| 12) Tert butyl alcohol         | 4.81  | 59   | 720      | 0.50      | ug/l  | # 1    |
| 17) Acetone                    | 3.85  | 43   | 10245    | 2.58      | ug/l  | 98     |
| 23) Diisopropyl ether          | 6.04  | 45   | 9810     | 0.25      | ug/l  | # 1    |
| 32) Cyclohexane                | 7.76  | 56   | 60366    | 2.10      | ug/l  | # 65   |
| 37) 1,1-Dichloropropene        | 7.75  | 75   | 75791    | 5.04      | ug/l  | # 51   |
| 38) Ethyl Acetate              | 7.02  | 43   | 197      | Below Cal |       | # 2    |
| 39) Carbon Tetrachloride       | 7.75  | 117  | 82464    | 5.84      | ug/l  | # 16   |
| 40) Methylcyclohexane          | 9.19  | 83   | 29268    | 1.60      | ug/l  | 92     |
| 49) Methyl methacrylate        | 9.19  | 41   | 16692    | 1.40      | ug/l  | # 64   |
| 56) 1,1,2-Trichloroethane      | 10.64 | 97   | 3102     | 0.32      | ug/l  | # 20   |
| 68) Ethyl Benzene              | 11.62 | 91   | 724857   | 14.91     | ug/l  | 100    |
| 69) m/p-Xylenes                | 11.72 | 106  | 703658   | 41.95     | ug/l  | 89     |
| 70) o-Xylene                   | 12.06 | 106  | 54643    | 3.25      | ug/l  | 87     |
| 74) Isopropylbenzene           | 12.36 | 105  | 161510   | 3.63      | ug/l  | 96     |
| 76) 1,1,2,2-Tetrachloroethane  | 12.60 | 83   | 140      | Below Cal |       | # 25   |
| 77) 1,2,3-Trichloropropane     | 12.52 | 75   | 365658   | 29.99     | ug/l  | # 1    |
| 79) n-propylbenzene            | 12.71 | 91   | 343028   | 6.56      | ug/l  | 97     |
| 80) 2-Chlorotoluene            | 12.77 | 91   | 194670   | 6.20      | ug/l  | # 44   |
| 81) 1,3,5-Trimethylbenzene     | 12.85 | 105  | 667100   | 18.68     | ug/l  | 96     |
| 82) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 365658   | 73.67     | ug/l  | # 4    |
| 83) 4-Chlorotoluene            | 12.85 | 91   | 79717    | 2.58      | ug/l  | # 45   |
| 84) tert-Butylbenzene          | 13.16 | 119  | 294489   | 9.99      | ug/l  | # 53   |
| 85) 1,2,4-Trimethylbenzene     | 13.16 | 105  | 2713202  | 75.64     | ug/l  | 96     |
| 86) sec-Butylbenzene           | 13.29 | 105  | 84054    | 1.95      | ug/l  | 89     |
| 87) p-Isopropyltoluene         | 13.41 | 119  | 76595    | 2.30      | ug/l  | 97     |
| 90) n-Butylbenzene             | 13.67 | 91   | 92425    | 2.86      | ug/l  | 71     |
| 91) Hexachloroethane           | 14.02 | 117  | 26714    | 3.67      | ug/l  | # 15   |
| 93) 1,2-Dibromo-3-Chloropropan | 14.42 | 75   | 282      | Below Cal |       | # 9    |
| 96) Naphthalene                | 15.29 | 128  | 388188   | 16.63     | ug/l  | 100    |

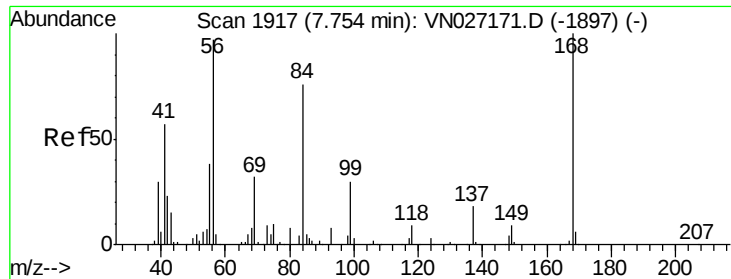
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA\_N\DATA\VN091715\  
Data File : VN027259.D  
Acq On : 17 Sep 2015 17:03  
Operator : MD\FY  
Sample : G3704-03  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-9-15-15

Quant Time: Sep 18 01:15:34 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampled :

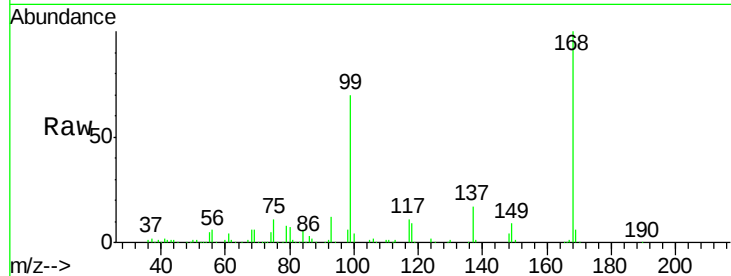
MW-4-9-15-15

Tgt Ion:168 Resp: 717945

Ion Ratio Lower Upper

168 100

99 69.9 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

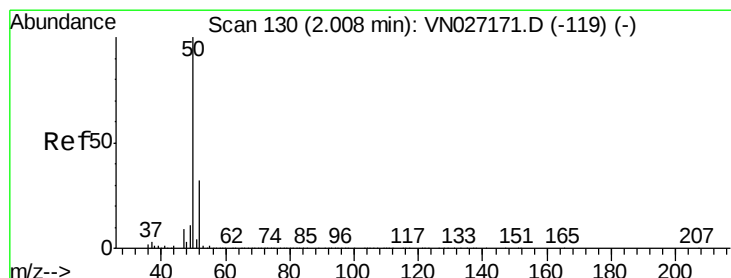
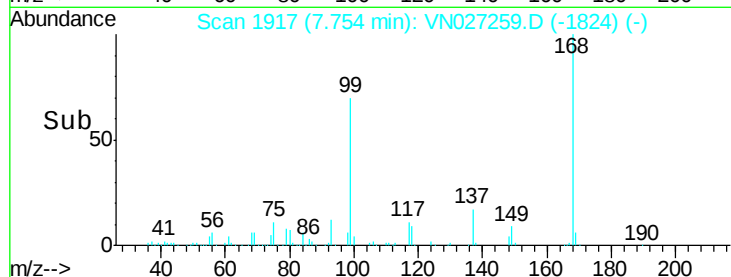
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.25 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027259.D

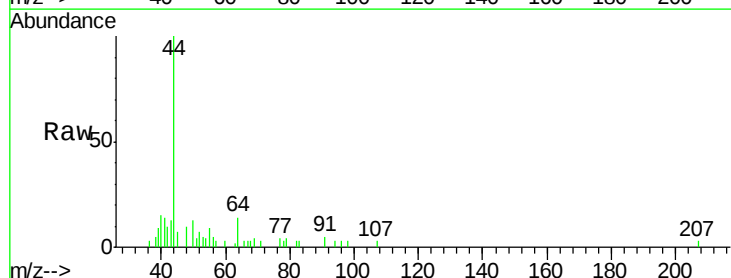
Acq: 17 Sep 2015 17:03

Tgt Ion: 50 Resp: 1424

Ion Ratio Lower Upper

50 100

52 50.2 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

1000

800

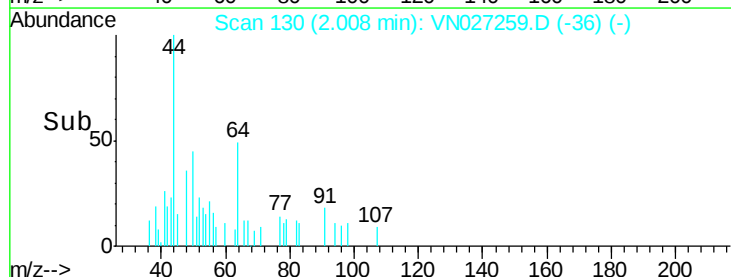
600

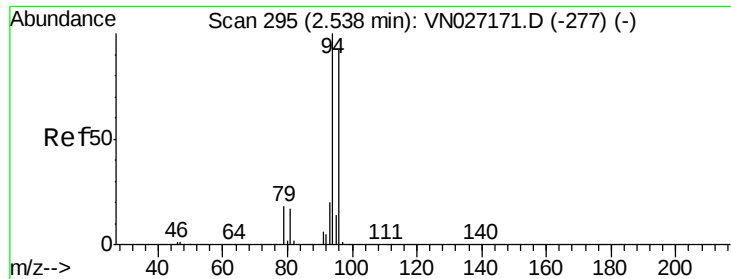
400

200

0

Time-->





#6

Bromomethane

Concen: 1.68 ug/l

RT: 2.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

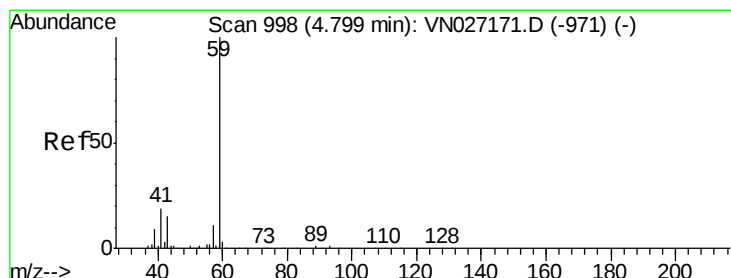
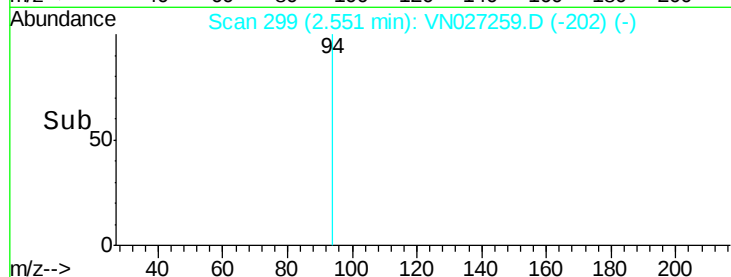
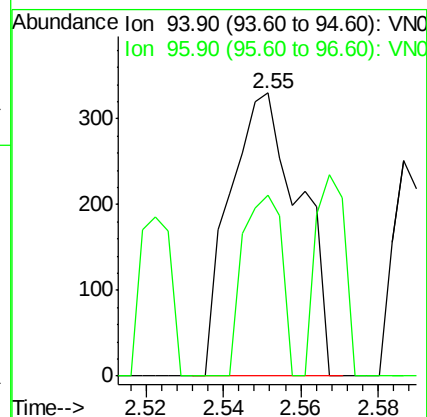
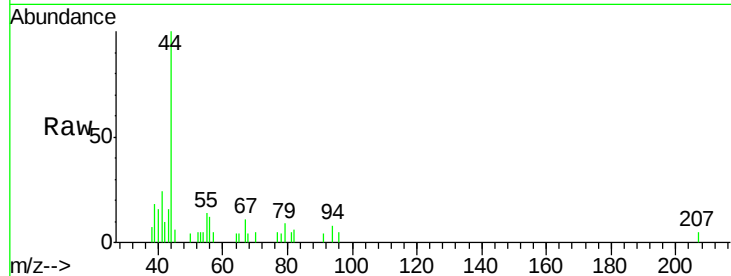
MW-4-9-15-15

Tgt Ion: 94 Resp: 416

Ion Ratio Lower Upper

94 100

96 63.9 73.4 110.2#



#12

Tert butyl alcohol

Concen: 0.50 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN027259.D

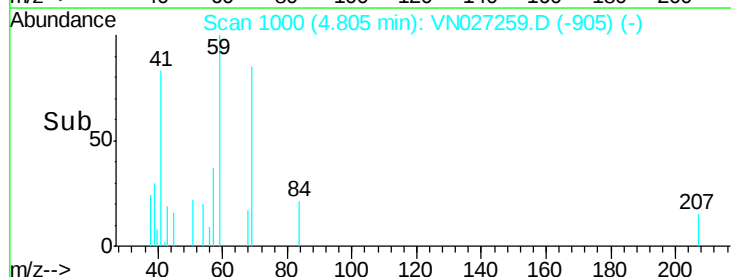
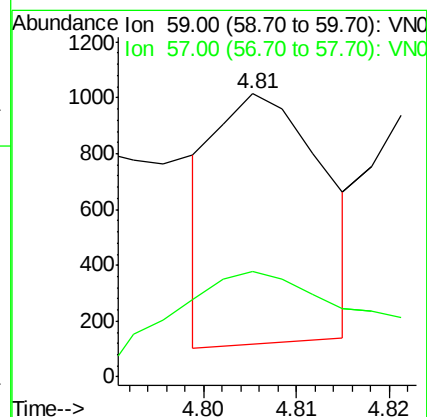
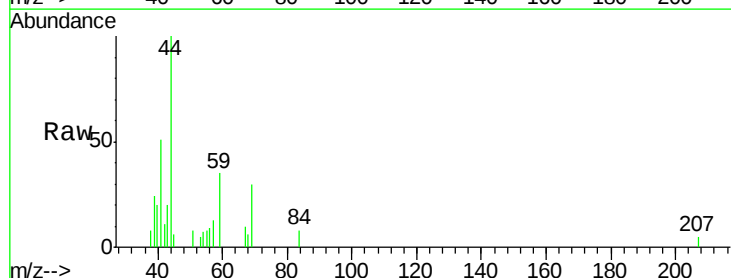
Acq: 17 Sep 2015 17:03

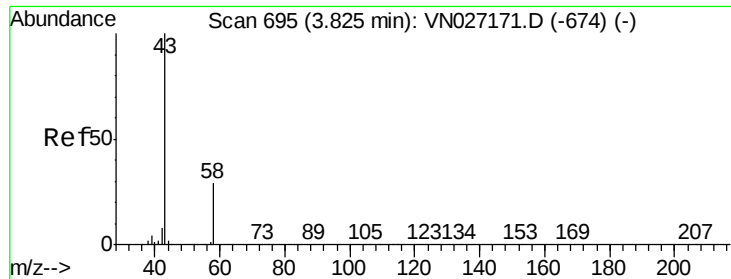
Tgt Ion: 59 Resp: 720

Ion Ratio Lower Upper

59 100

57 82.1 7.6 11.4#





#17

Acetone

Concen: 2.58 ug/l

RT: 3.85 min Scan# 703

Delta R.T. 0.03 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampled :

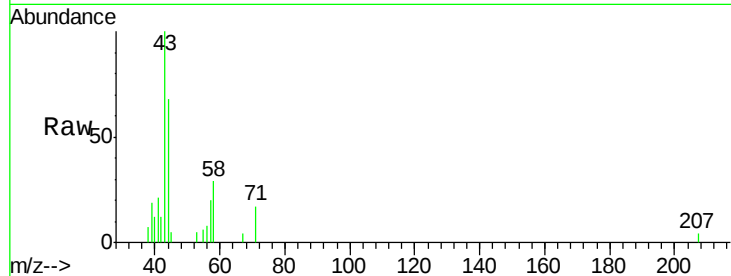
MW-4-9-15-15

Tgt Ion: 43 Resp: 10245

Ion Ratio Lower Upper

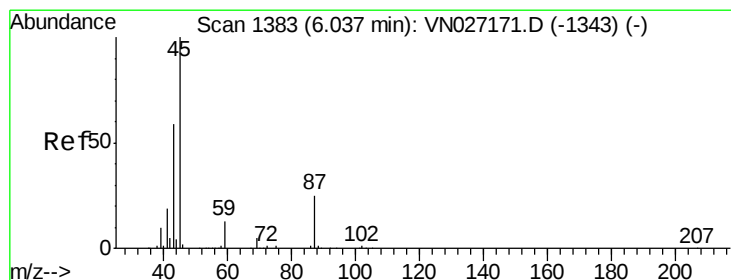
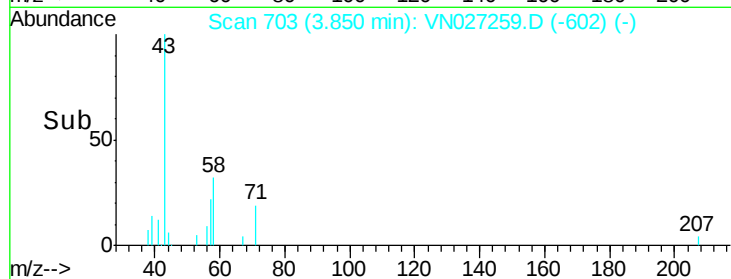
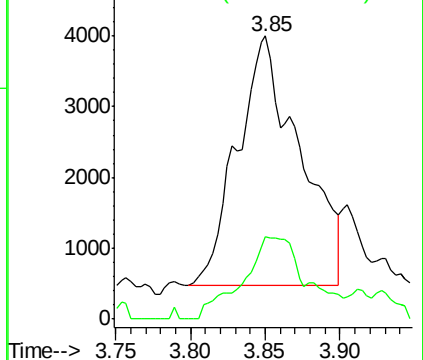
43 100

58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#23

Diisopropyl ether

Concen: 0.25 ug/l

RT: 6.04 min Scan# 1385

Delta R.T. 0.01 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Tgt Ion: 45 Resp: 9810

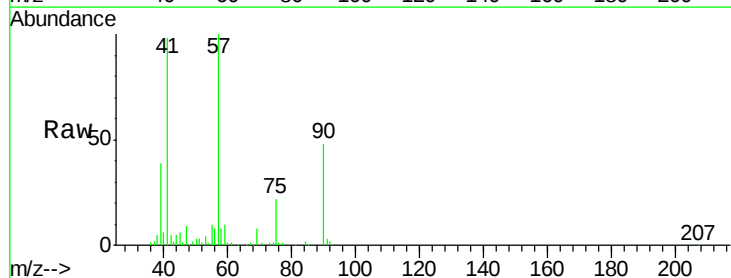
Ion Ratio Lower Upper

45 100

43 13.7 41.0 61.6#

87 0.0 17.5 26.3#

59 189.5 8.7 13.1#

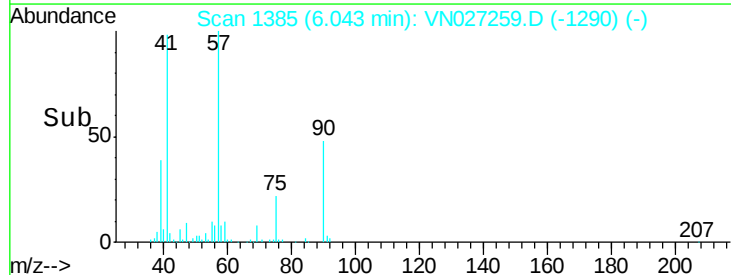
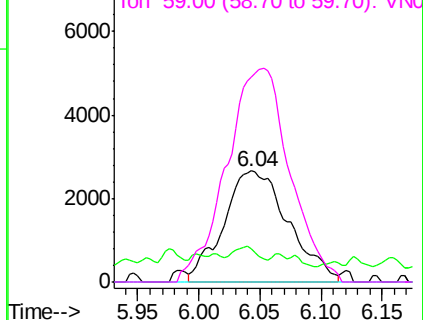


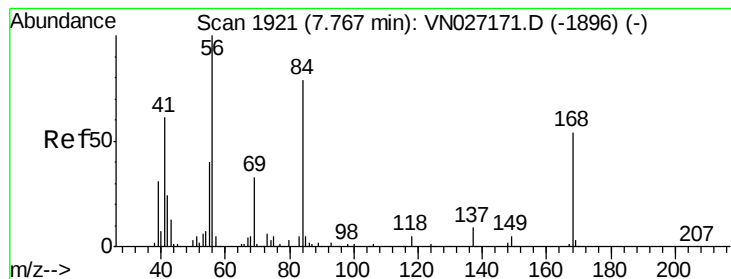
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#32

Cyclohexane

Concen: 2.10 ug/l

RT: 7.76 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

MW-4-9-15-15

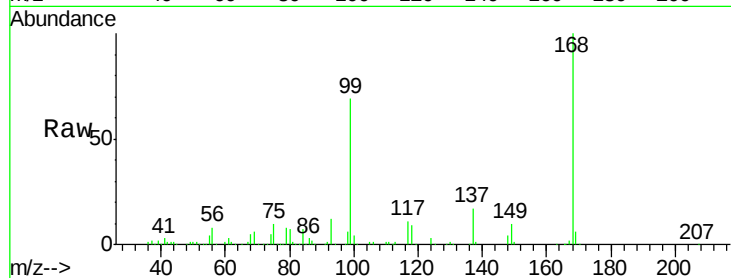
Tgt Ion: 56 Resp: 60366

Ion Ratio Lower Upper

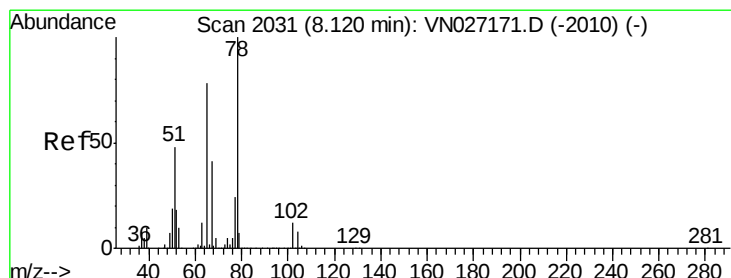
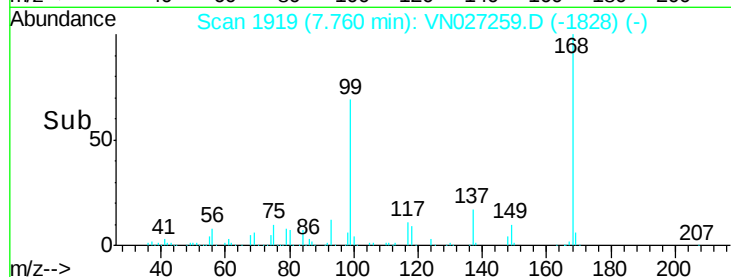
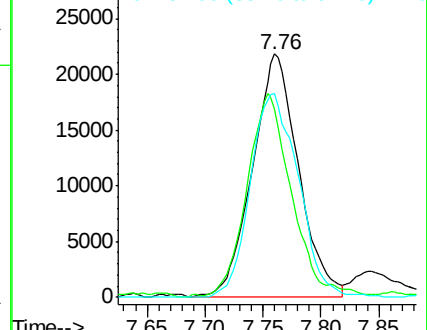
56 100

69 76.4 23.0 34.4#

84 83.8 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: 49.21 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027259.D

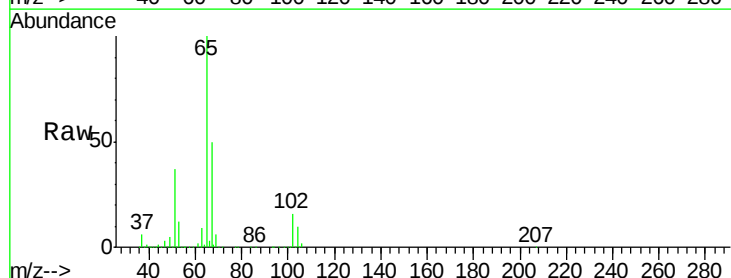
Acq: 17 Sep 2015 17:03

Tgt Ion: 65 Resp: 723951

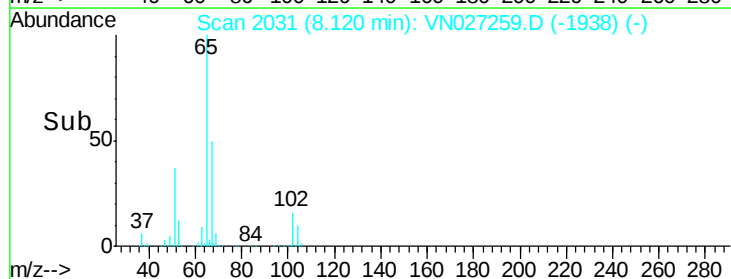
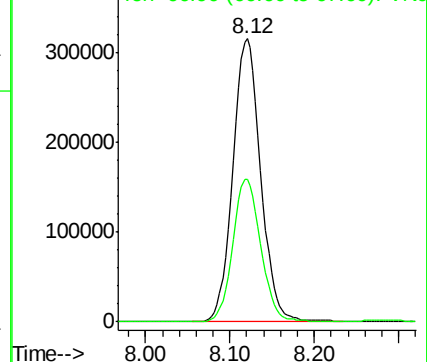
Ion Ratio Lower Upper

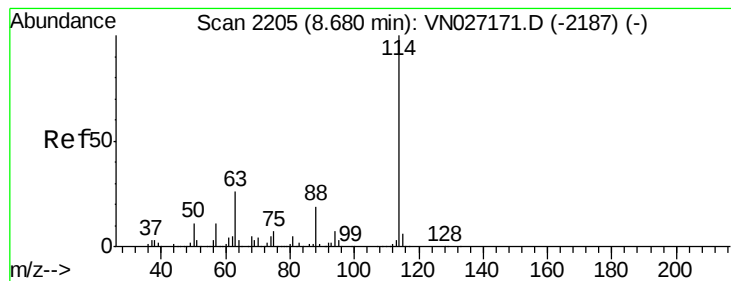
65 100

67 51.0 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: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

MW-4-9-15-15

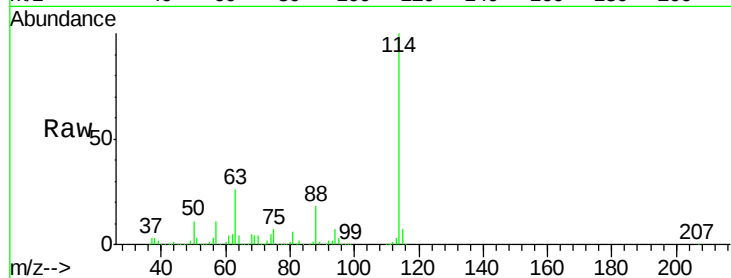
Tgt Ion:114 Resp: 1283422

Ion Ratio Lower Upper

114 100

63 25.9 0.0 48.8

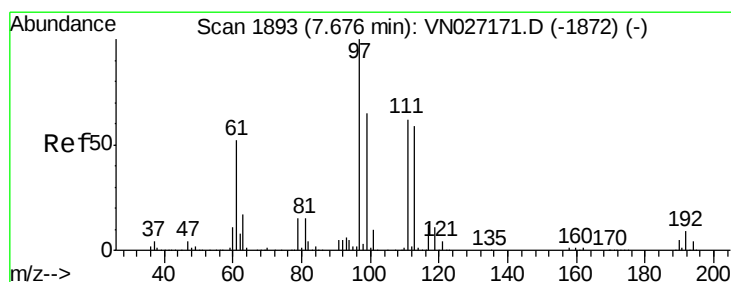
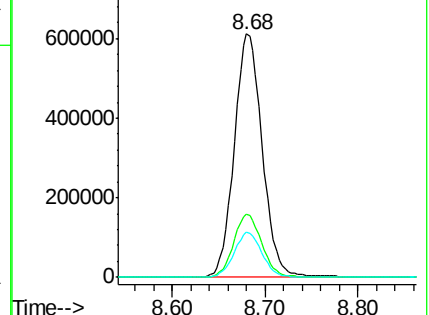
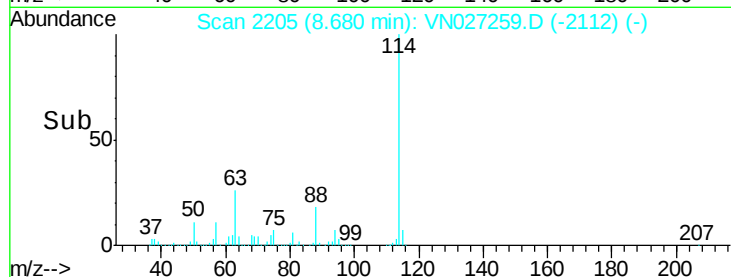
88 18.3 0.0 32.2



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: 51.87 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

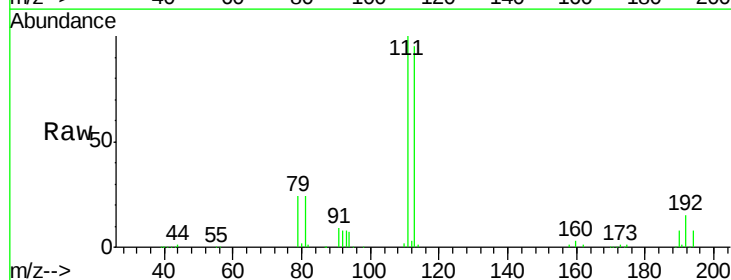
Tgt Ion:113 Resp: 461461

Ion Ratio Lower Upper

113 100

111 106.7 83.0 124.4

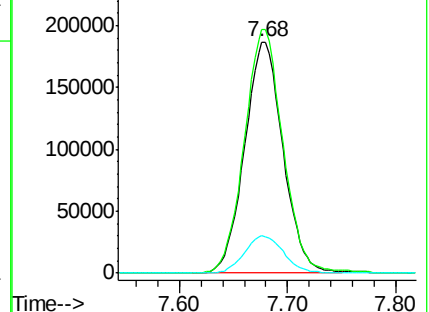
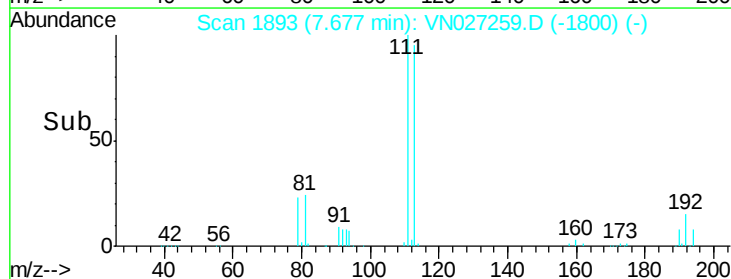
192 16.4 14.1 21.1

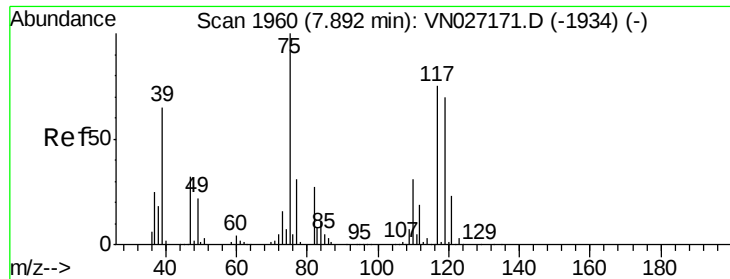


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

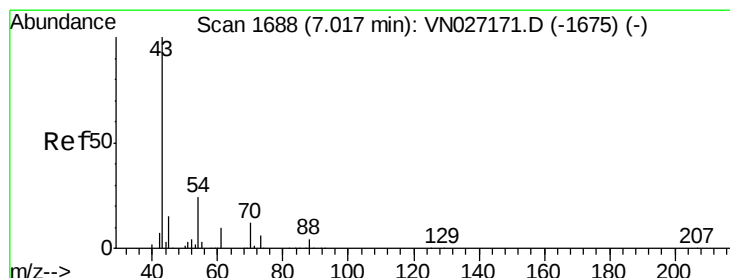
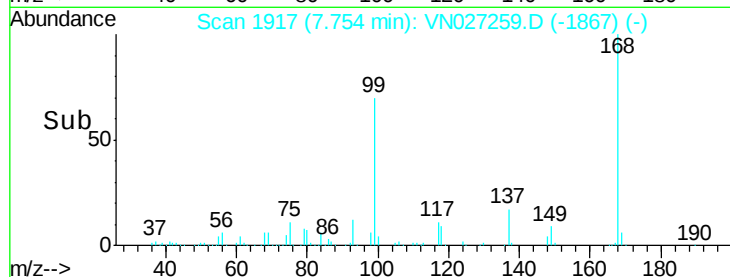
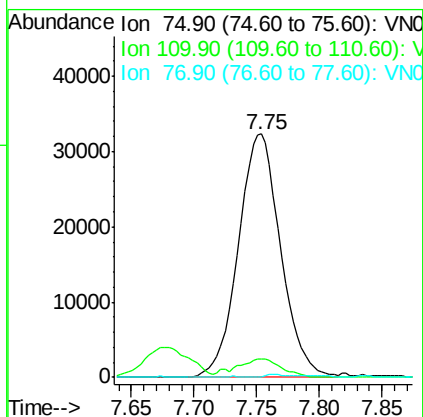
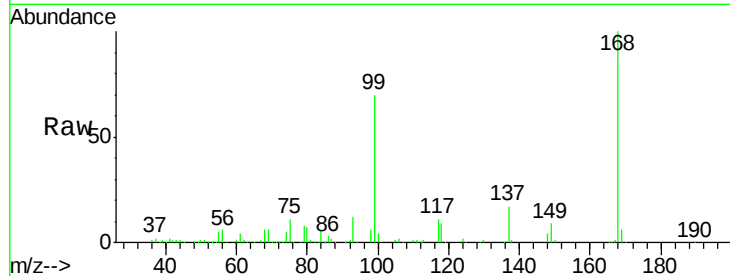




#37  
 1,1-Dichloropropene  
 Concen: 5.04 ug/l  
 RT: 7.75 min Scan# 1917  
 Delta R.T. -0.14 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

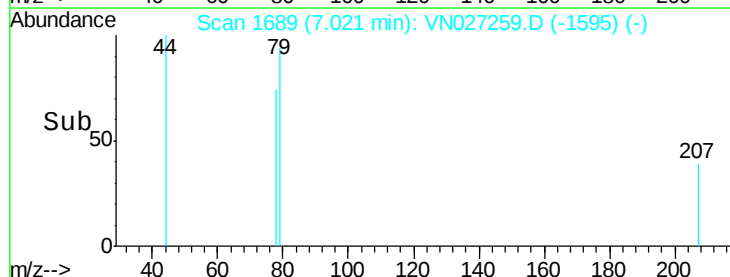
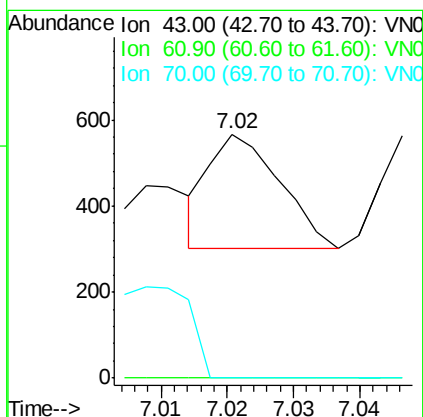
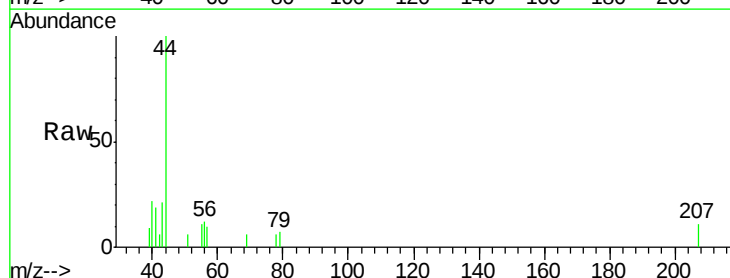
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-4-9-15-15

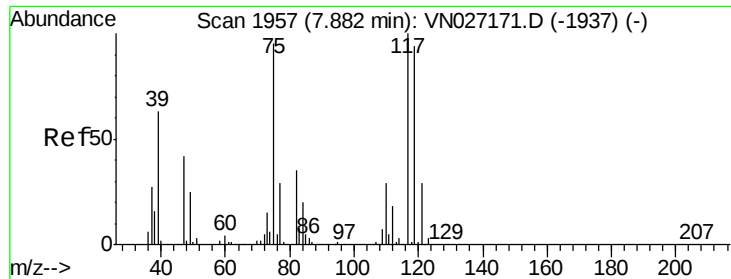
Tgt Ion: 75 Resp: 75791  
 Ion Ratio Lower Upper  
 75 100  
 110 8.1 15.9 47.7#  
 77 0.5 24.9 37.3#



#38  
 Ethyl Acetate  
 Concen: Below Cal  
 RT: 7.02 min Scan# 1689  
 Delta R.T. 0.00 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

Tgt Ion: 43 Resp: 197  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 10.2 15.4#  
 70 78.2 7.4 11.0#

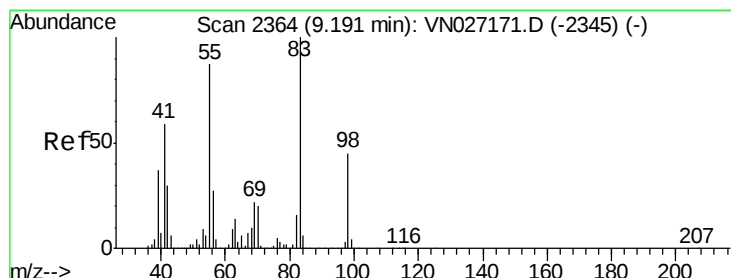
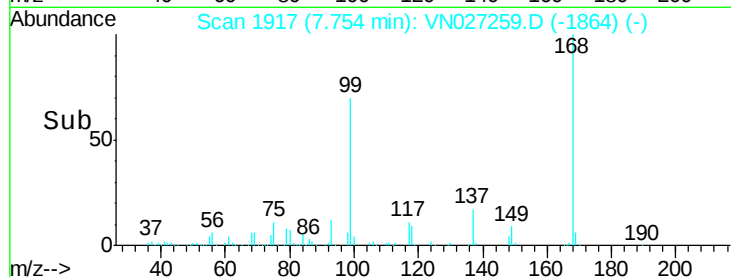
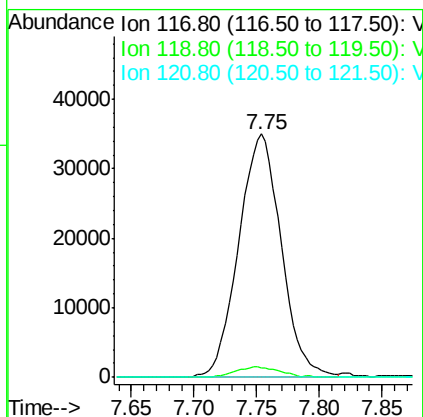
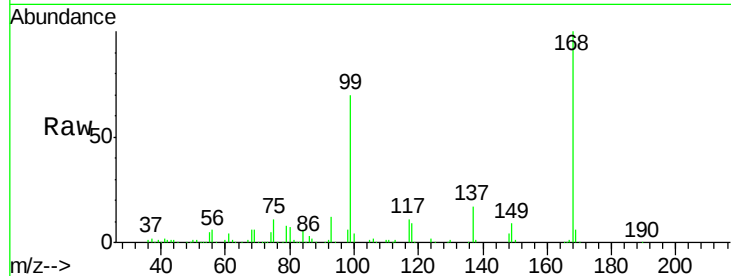




#39  
Carbon Tetrachloride  
Concen: 5.84 ug/l  
RT: 7.75 min Scan# 1917  
Delta R.T. -0.13 min  
Lab File: VN027259.D  
Acq: 17 Sep 2015 17:03

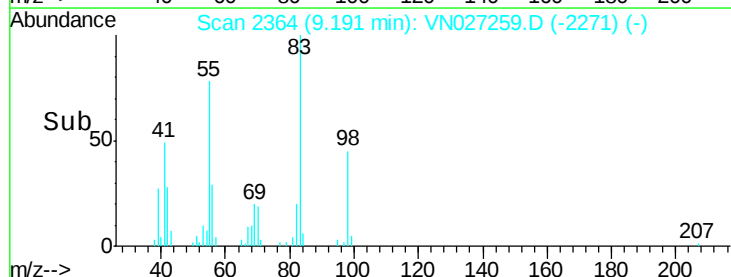
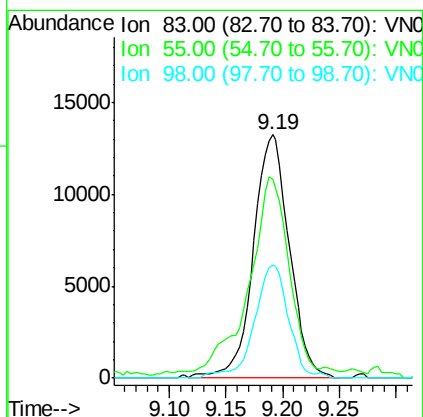
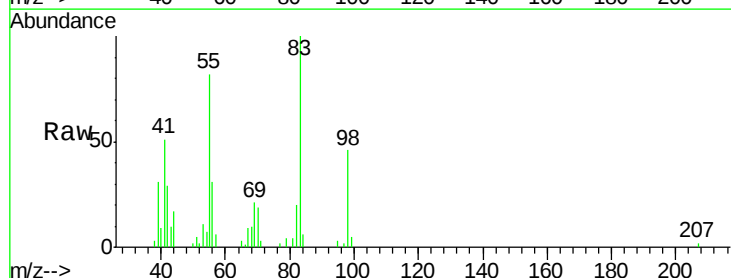
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-9-15-15

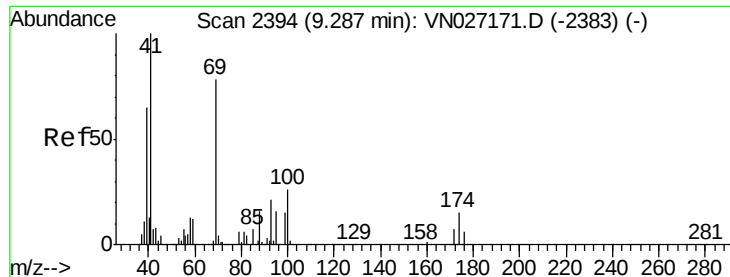
Tgt Ion: 117 Resp: 82464  
Ion Ratio Lower Upper  
117 100  
119 4.0 75.3 112.9#  
121 0.0 23.8 35.8#



#40  
Methylcyclohexane  
Concen: 1.60 ug/l  
RT: 9.19 min Scan# 2364  
Delta R.T. 0.00 min  
Lab File: VN027259.D  
Acq: 17 Sep 2015 17:03

Tgt Ion: 83 Resp: 29268  
Ion Ratio Lower Upper  
83 100  
55 79.0 69.8 104.8  
98 46.2 34.3 51.5





#49

Methyl methacrylate

Concen: 1.40 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. -0.10 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

MW-4-9-15-15

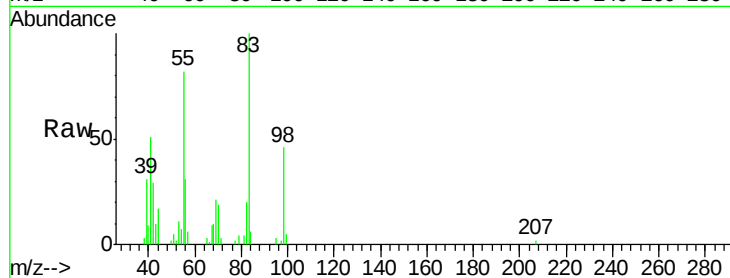
Tgt Ion: 41 Resp: 16692

Ion Ratio Lower Upper

41 100

69 37.1 59.3 88.9#

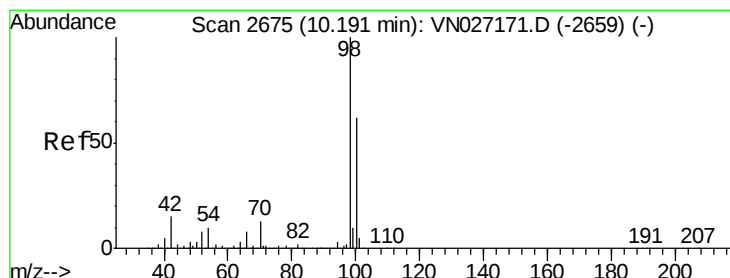
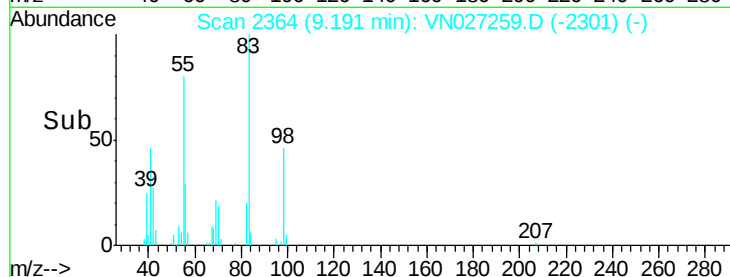
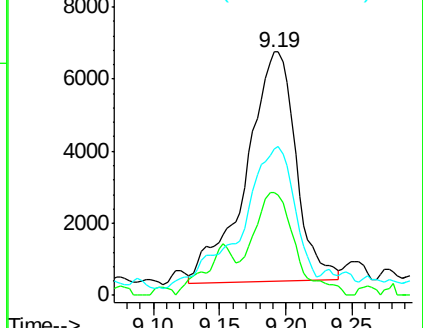
39 66.4 39.5 59.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#51

Toluene-d8

Concen: 53.65 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027259.D

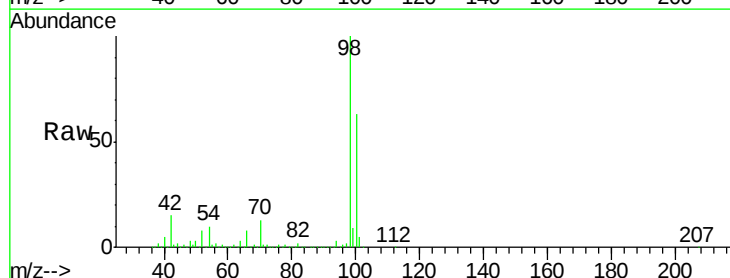
Acq: 17 Sep 2015 17:03

Tgt Ion: 98 Resp: 1868756

Ion Ratio Lower Upper

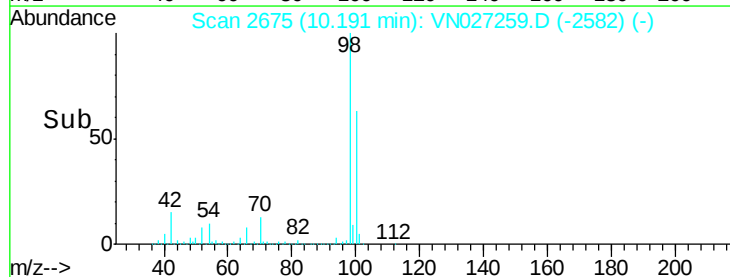
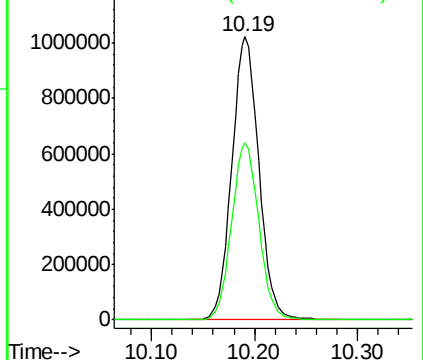
98 100

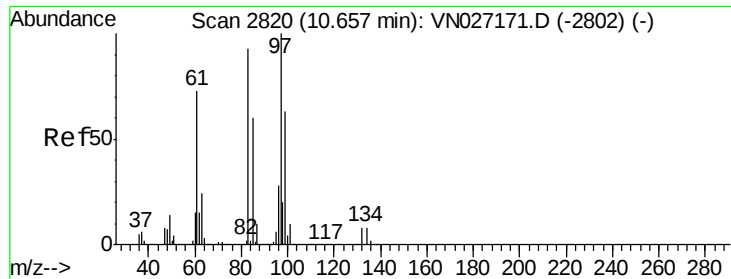
100 63.2 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#56

1,1,2-Trichloroethane

Concen: 0.32 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. -0.02 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampled :

MW-4-9-15-15

Tgt Ion: 97 Resp: 3102

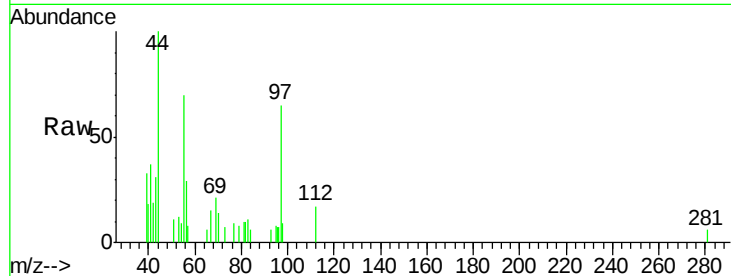
Ion Ratio Lower Upper

97 100

83 17.1 75.0 112.4#

85 0.0 48.0 72.0#

99 0.0 50.3 75.5#

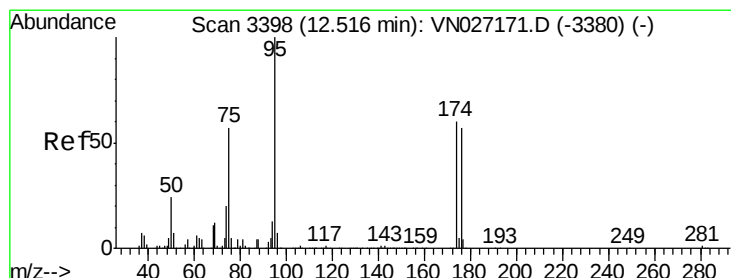
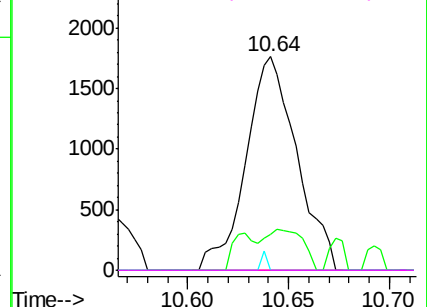
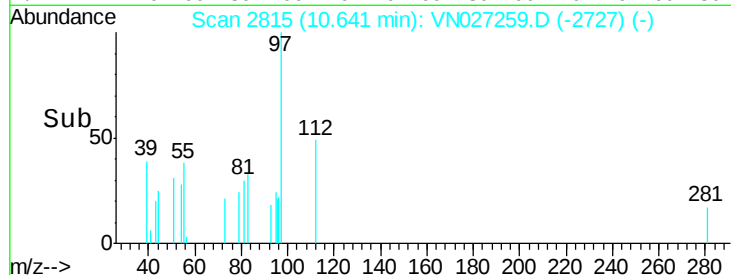


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#63

4-Bromofluorobenzene

Concen: 51.78 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

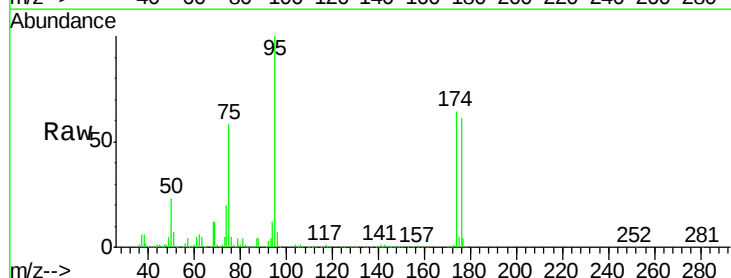
Tgt Ion: 95 Resp: 640155

Ion Ratio Lower Upper

95 100

174 62.4 0.0 137.0

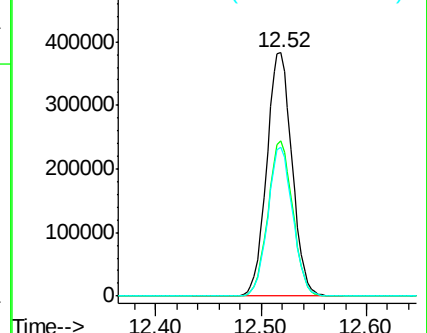
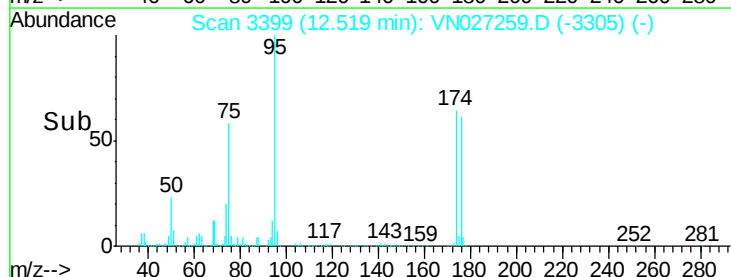
176 60.1 0.0 130.8

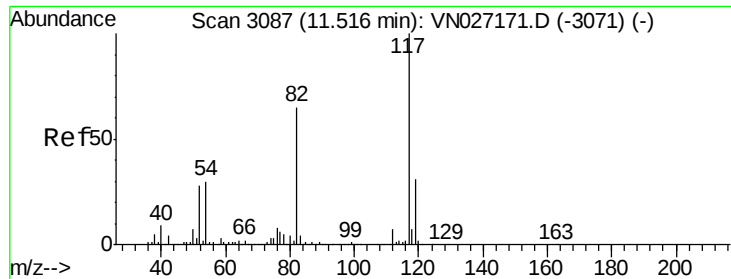


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

MW-4-9-15-15

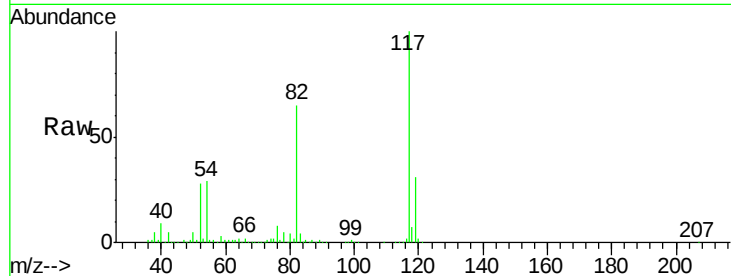
Tgt Ion:117 Resp: 1086068

Ion Ratio Lower Upper

117 100

82 65.0 49.6 74.4

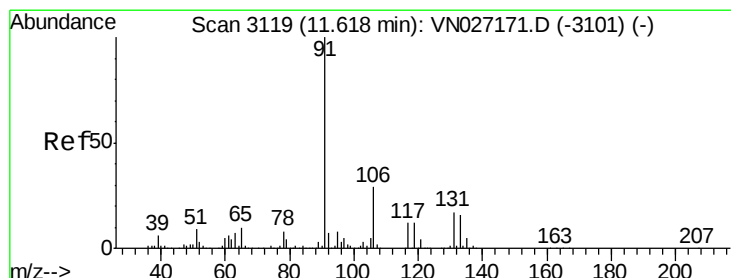
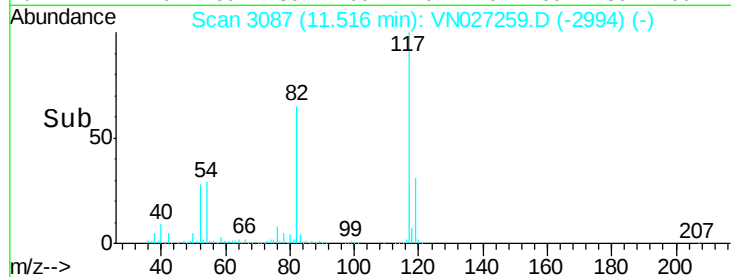
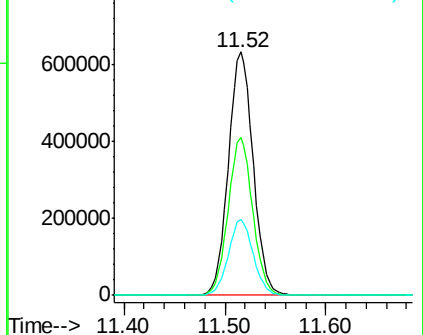
119 31.2 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

Ethyl Benzene

Concen: 14.91 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027259.D

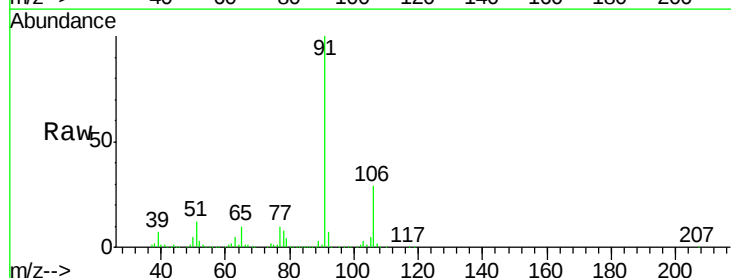
Acq: 17 Sep 2015 17:03

Tgt Ion: 91 Resp: 724857

Ion Ratio Lower Upper

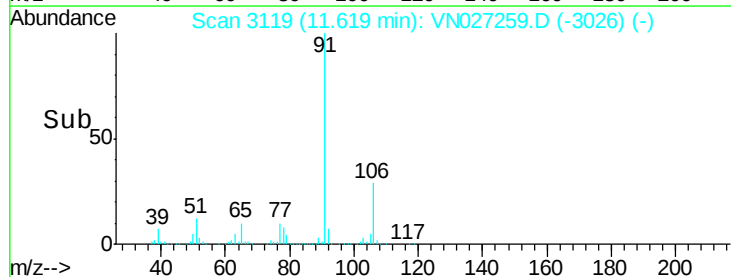
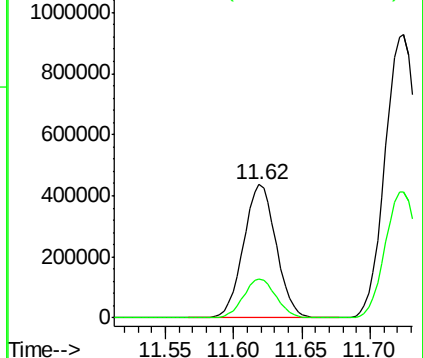
91 100

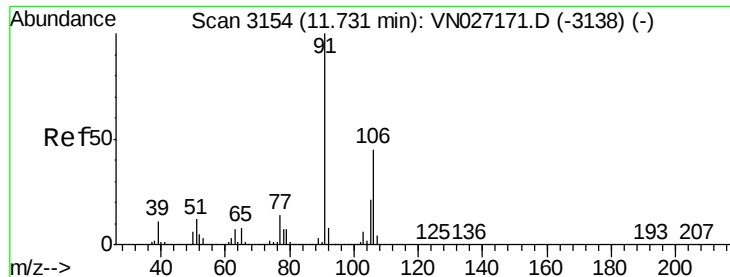
106 29.1 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#69

m/p-Xylenes

Concen: 41.95 ug/l

RT: 11.72 min Scan# 3152

Delta R.T. -0.01 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampled :

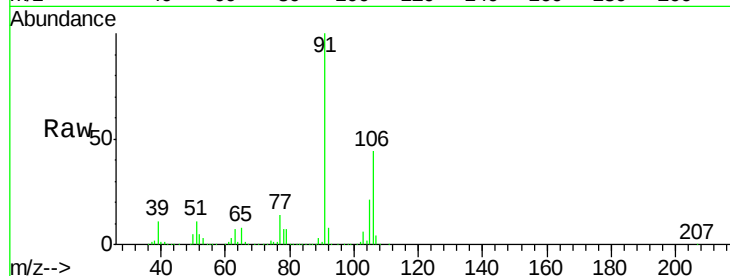
MW-4-9-15-15

Tgt Ion:106 Resp: 703658

Ion Ratio Lower Upper

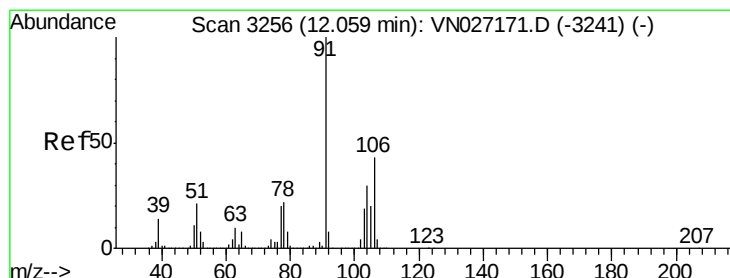
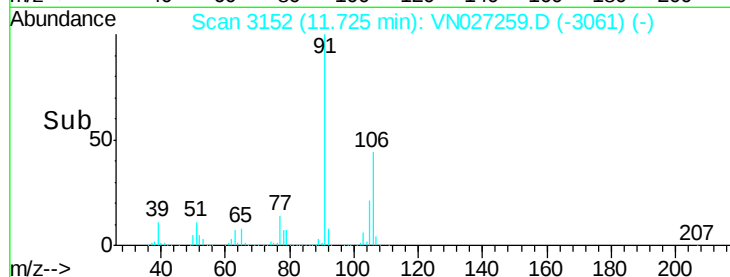
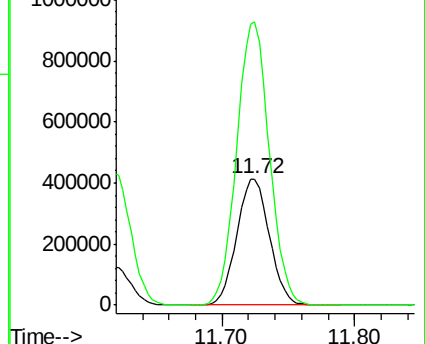
106 100

91 225.3 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 3.25 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN027259.D

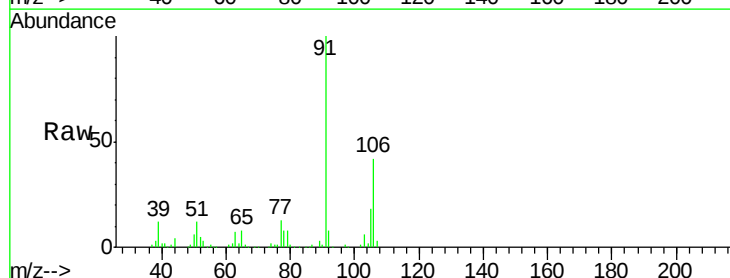
Acq: 17 Sep 2015 17:03

Tgt Ion:106 Resp: 54643

Ion Ratio Lower Upper

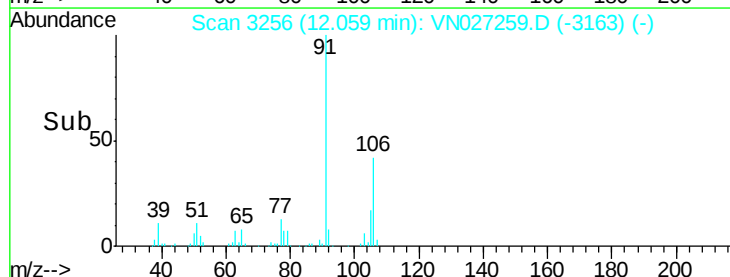
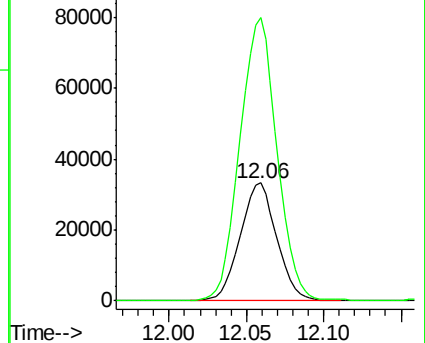
106 100

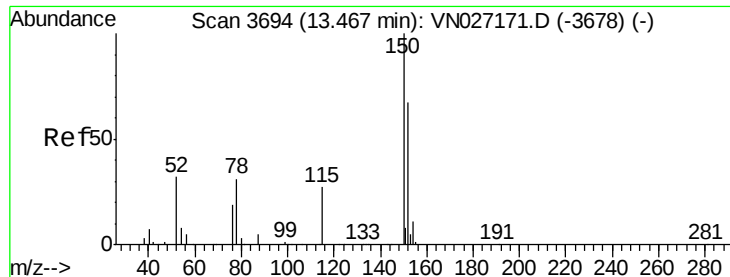
91 242.6 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampled :

MW-4-9-15-15

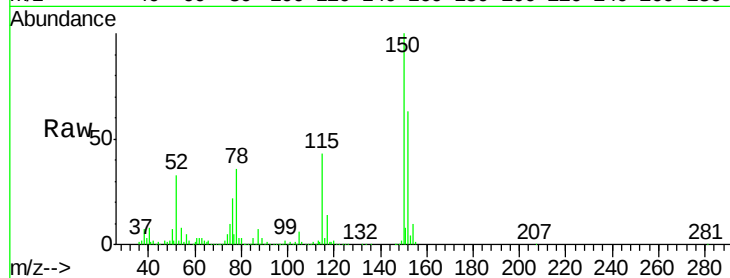
Tgt Ion:152 Resp: 403418

Ion Ratio Lower Upper

152 100

115 81.6 30.8 92.3

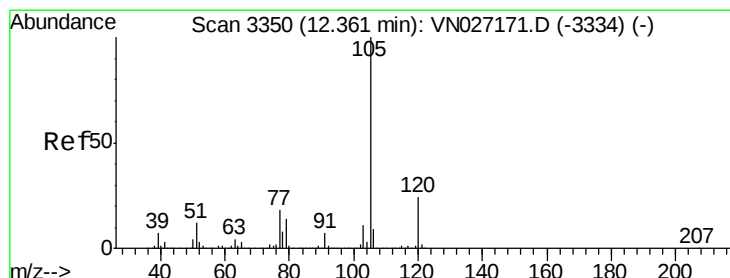
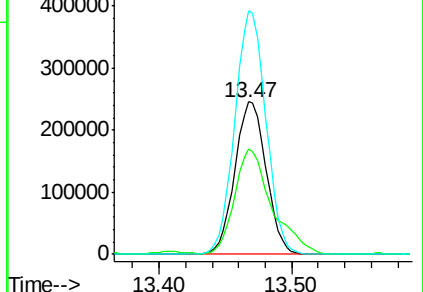
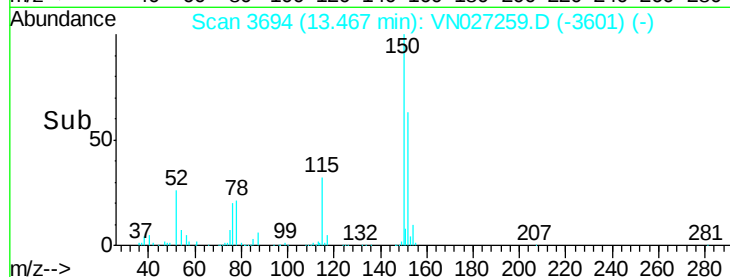
150 158.0 0.0 345.0



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



#74

Isopropylbenzene

Concen: 3.63 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027259.D

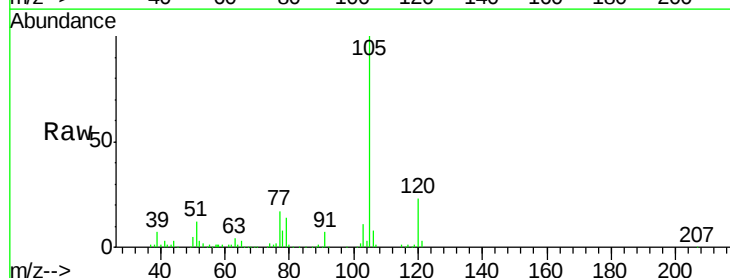
Acq: 17 Sep 2015 17:03

Tgt Ion:105 Resp: 161510

Ion Ratio Lower Upper

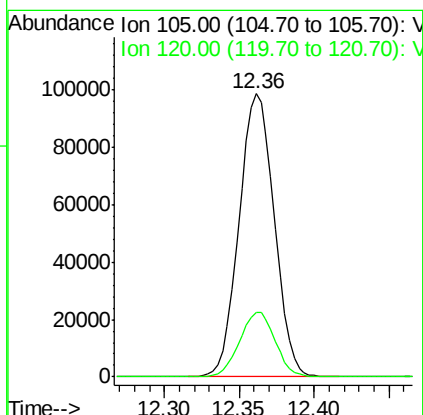
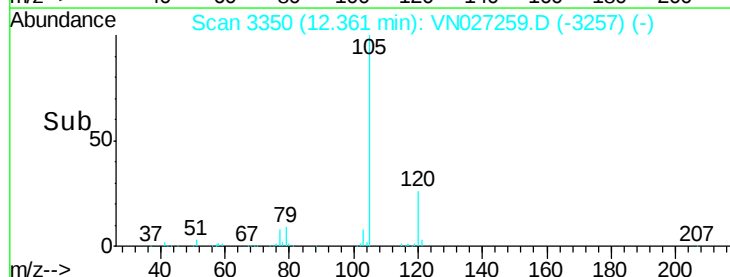
105 100

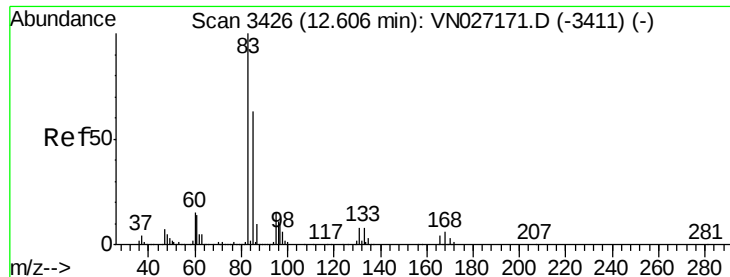
120 23.0 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.60 min Scan# 3425

Delta R.T. -0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampled :

MW-4-9-15-15

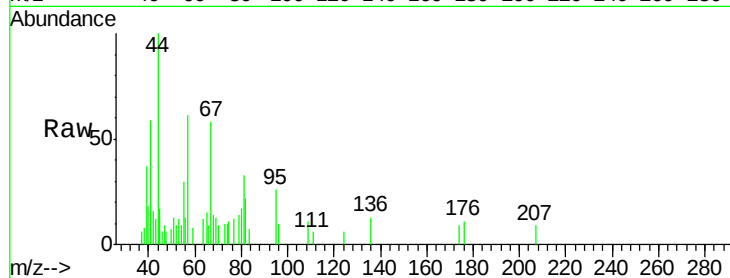
Tgt Ion: 83 Resp: 140

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

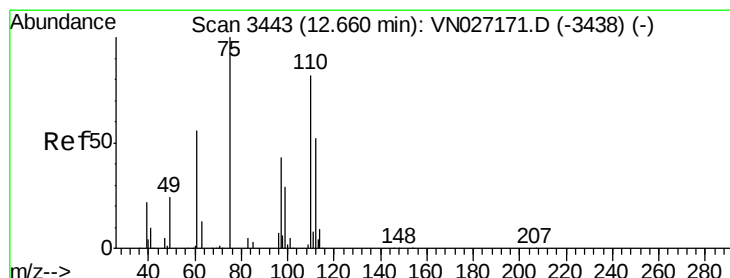
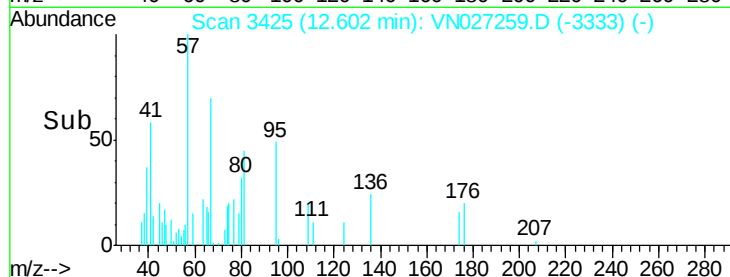
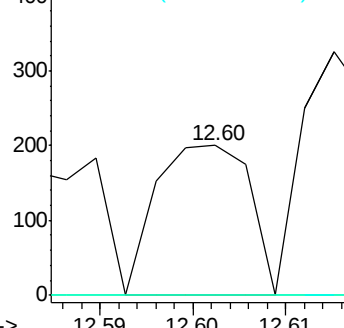
85 0.0 31.9 95.7#



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: 29.99 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. -0.14 min

Lab File: VN027259.D

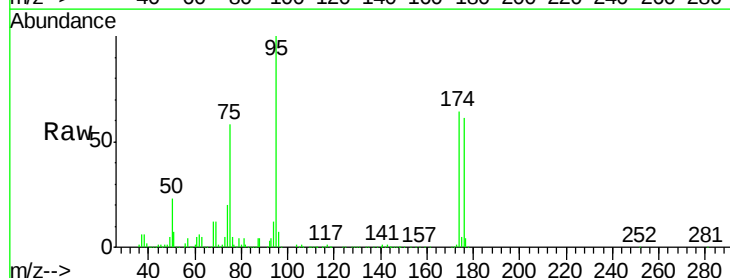
Acq: 17 Sep 2015 17:03

Tgt Ion: 75 Resp: 365658

Ion Ratio Lower Upper

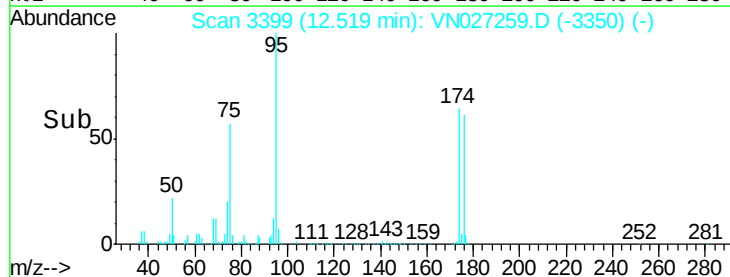
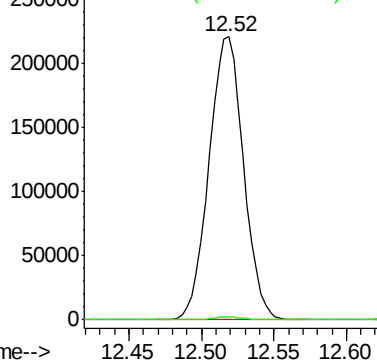
75 100

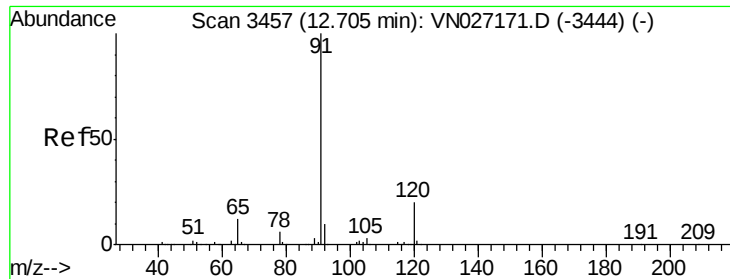
77 0.0 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

n-propylbenzene

Concen: 6.56 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

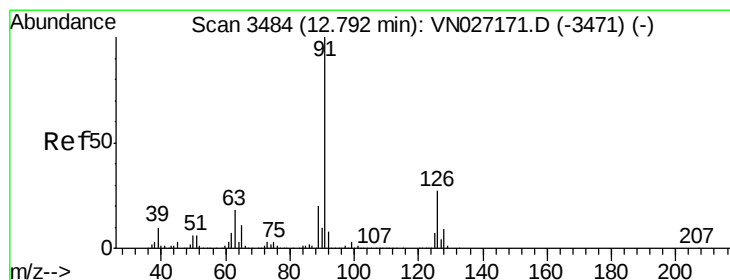
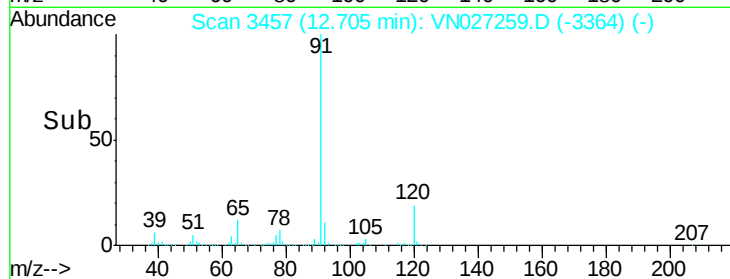
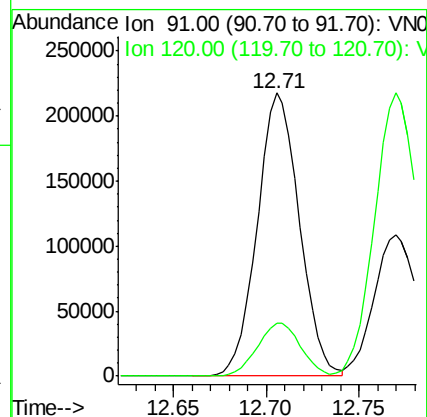
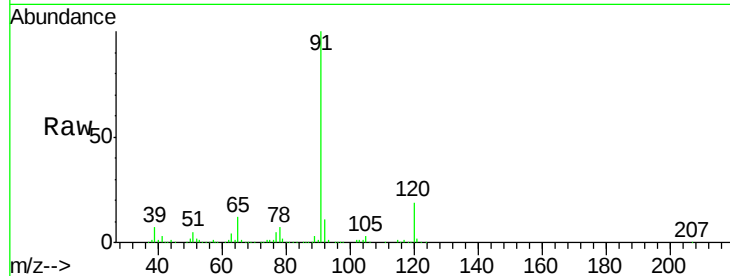
MW-4-9-15-15

Tgt Ion: 91 Resp: 343028

Ion Ratio Lower Upper

91 100

120 19.3 10.3 30.8



#80

2-Chlorotoluene

Concen: 6.20 ug/l

RT: 12.77 min Scan# 3477

Delta R.T. -0.02 min

Lab File: VN027259.D

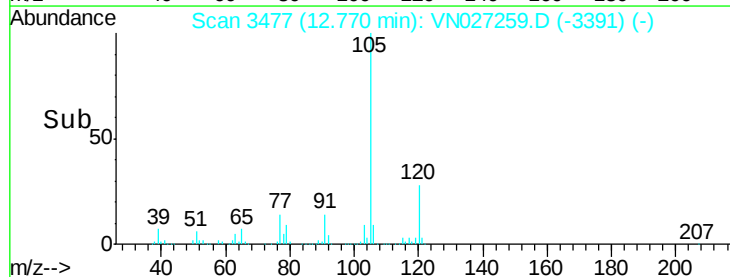
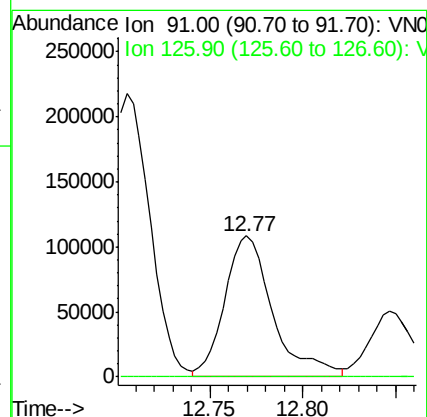
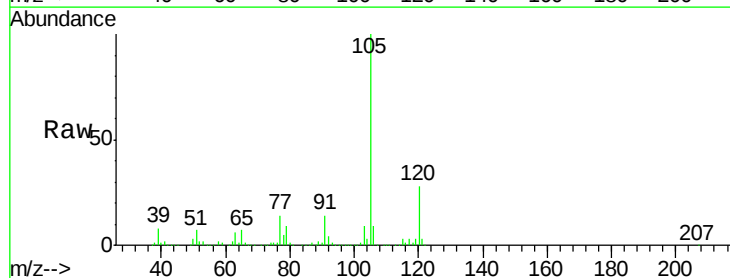
Acq: 17 Sep 2015 17:03

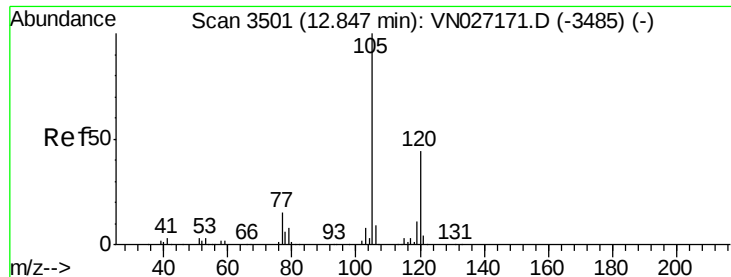
Tgt Ion: 91 Resp: 194670

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.5#

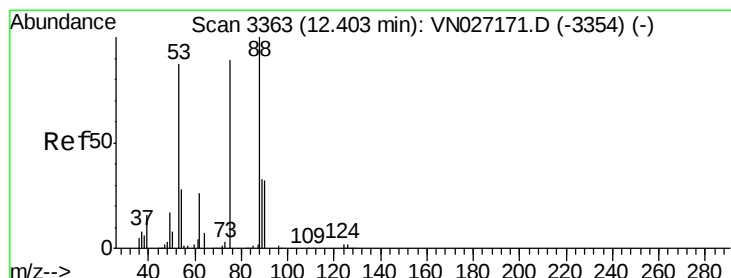
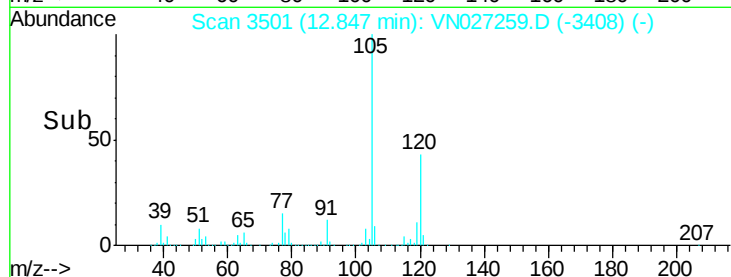
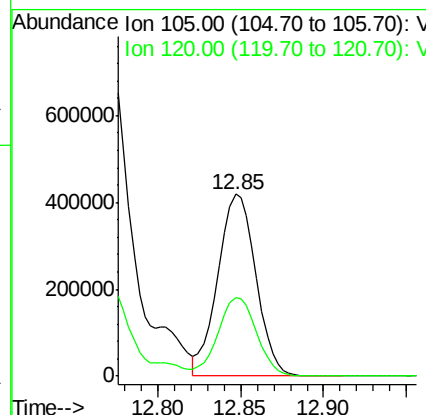
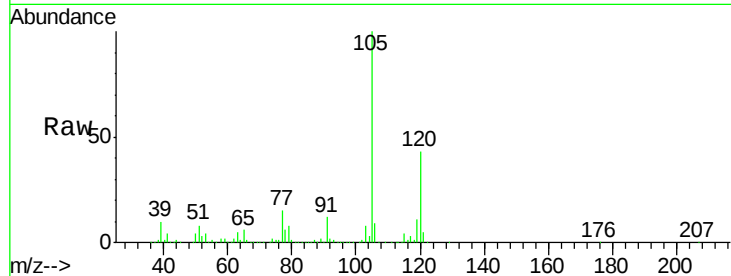




#81  
 1,3,5-Trimethylbenzene  
 Concen: 18.68 ug/l  
 RT: 12.85 min Scan# 3501  
 Delta R.T. 0.00 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

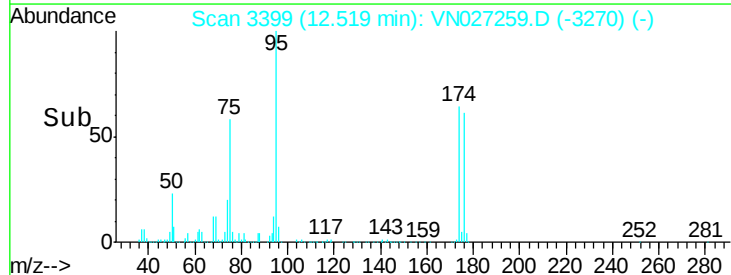
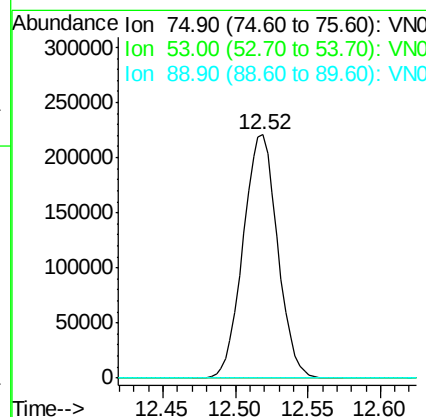
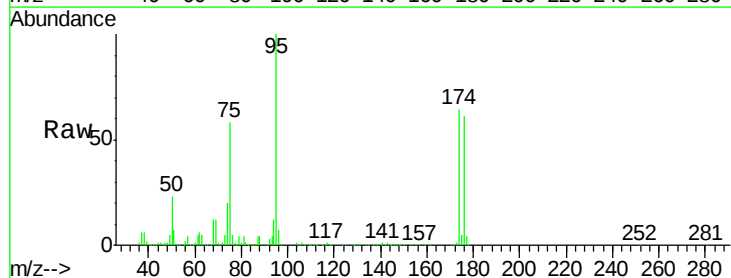
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-4-9-15-15

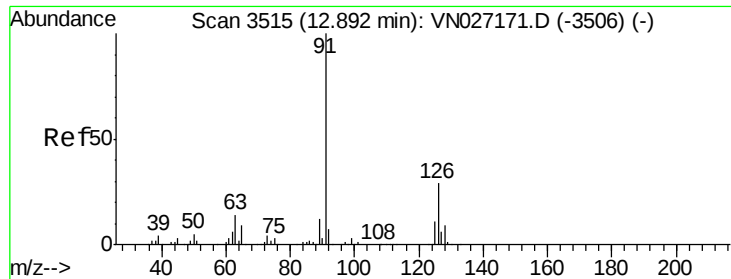
Tgt Ion:105 Resp: 667100  
 Ion Ratio Lower Upper  
 105 100  
 120 44.1 23.4 70.0



#82  
 trans-1,4-Dichloro-2-butene  
 Concen: 73.67 ug/l  
 RT: 12.52 min Scan# 3399  
 Delta R.T. 0.12 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

Tgt Ion: 75 Resp: 365658  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 92.9 139.3#  
 89 0.0 34.2 51.4#

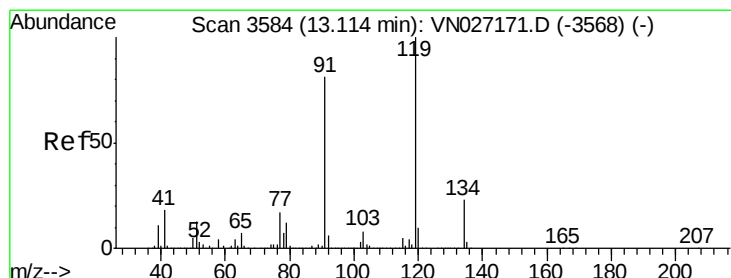
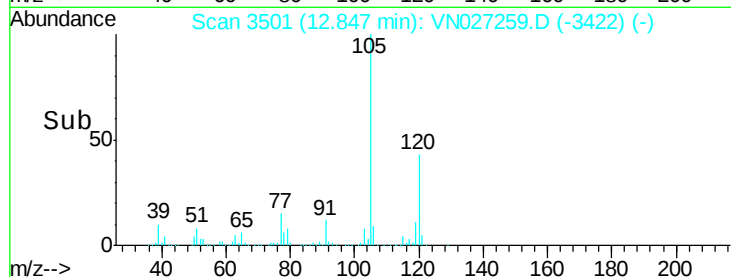
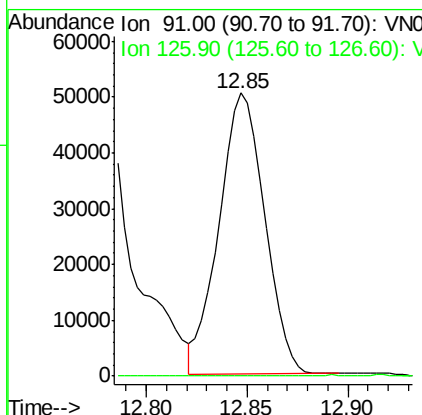
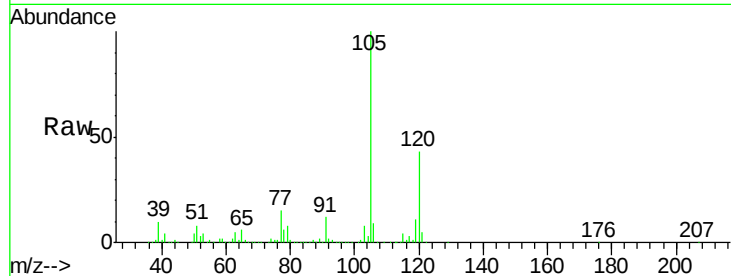




#83  
 4-Chlorotoluene  
 Concen: 2.58 ug/l  
 RT: 12.85 min Scan# 3501  
 Delta R.T. -0.04 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

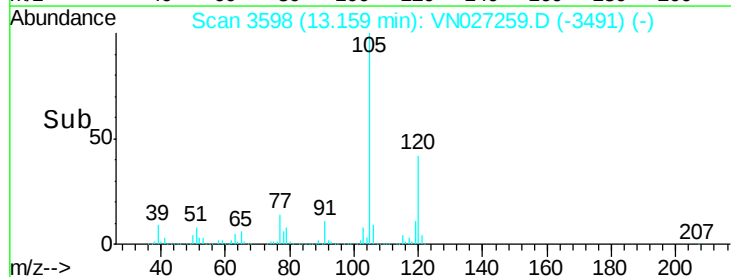
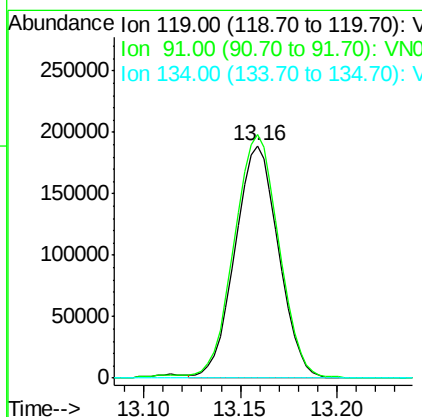
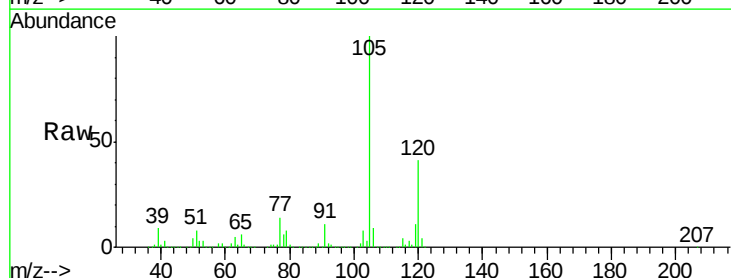
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-4-9-15-15

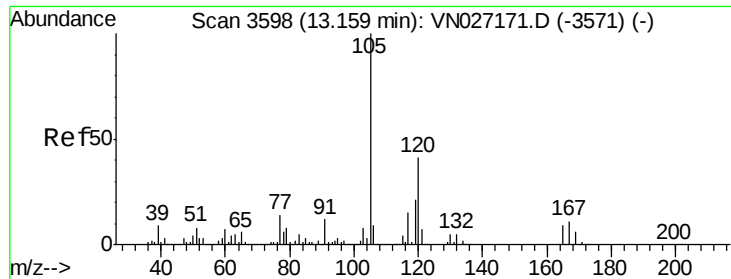
Tgt Ion: 91 Resp: 79717  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 14.9 44.5#



#84  
 tert-Butylbenzene  
 Concen: 9.99 ug/l  
 RT: 13.16 min Scan# 3598  
 Delta R.T. 0.05 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

Tgt Ion: 119 Resp: 294489  
 Ion Ratio Lower Upper  
 119 100  
 91 107.2 34.6 103.8#  
 134 0.0 11.4 34.2#





#85

1,2,4-Trimethylbenzene

Concen: 75.64 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

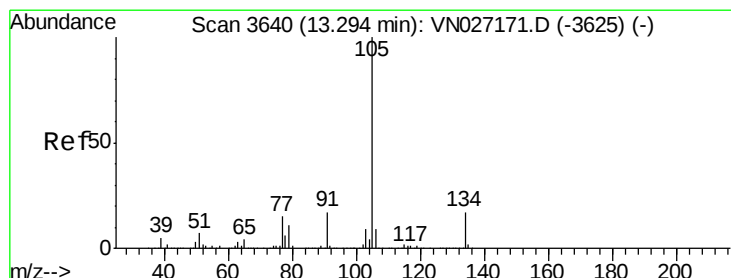
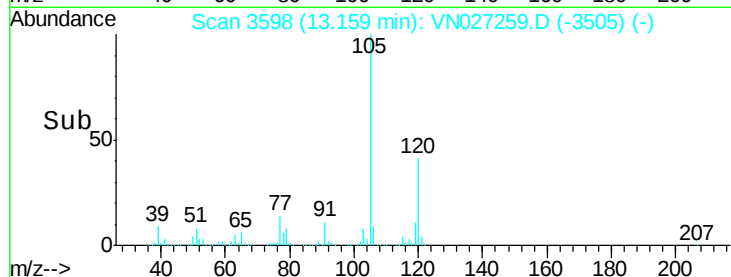
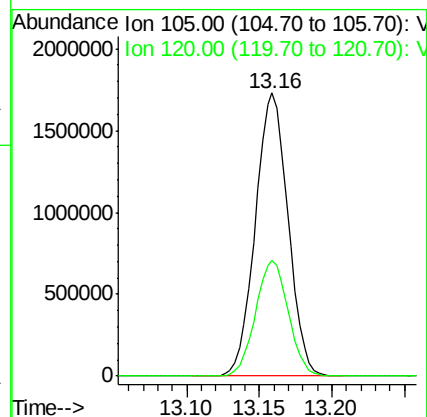
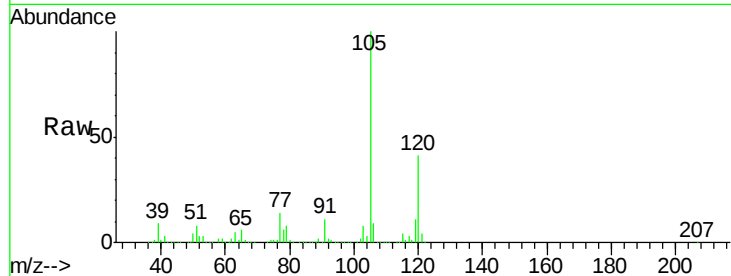
MW-4-9-15-15

Tgt Ion:105 Resp: 2713202

Ion Ratio Lower Upper

105 100

120 41.0 21.9 65.5



#86

sec-Butylbenzene

Concen: 1.95 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027259.D

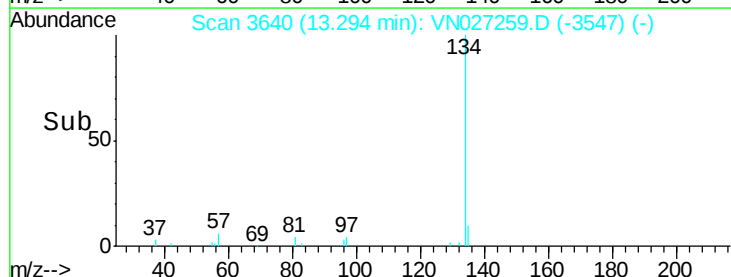
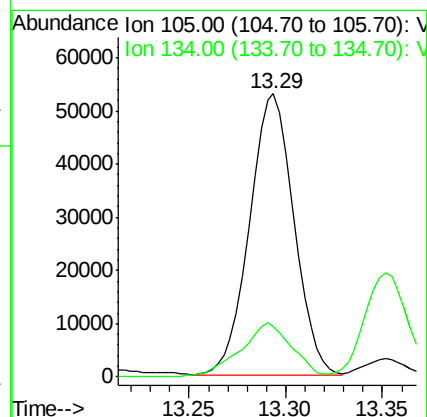
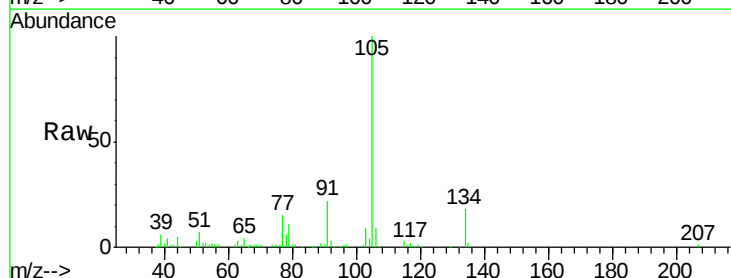
Acq: 17 Sep 2015 17:03

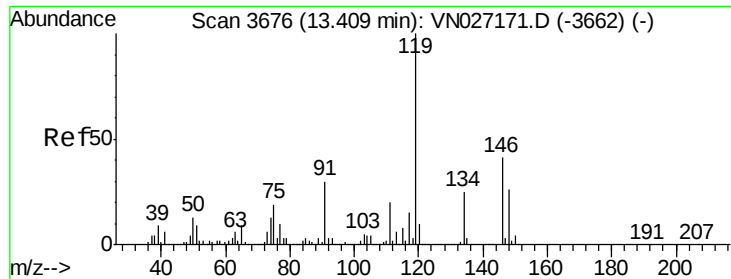
Tgt Ion:105 Resp: 84054

Ion Ratio Lower Upper

105 100

134 22.2 8.8 26.4

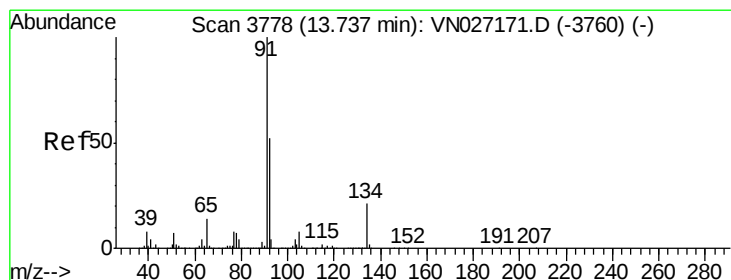
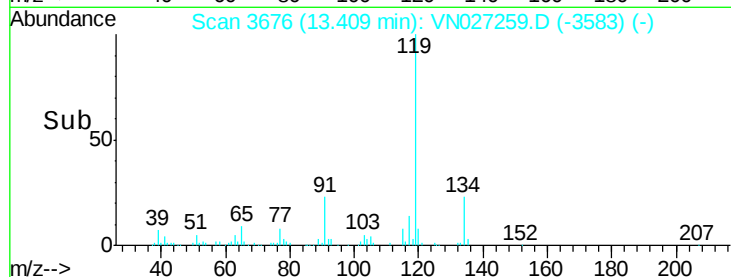
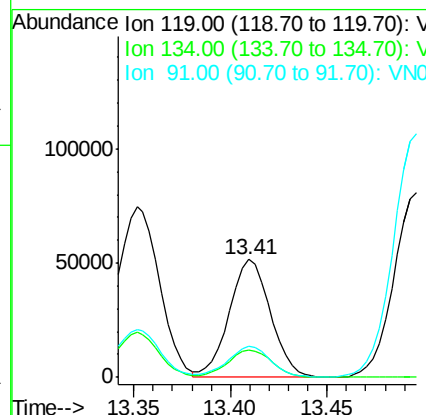
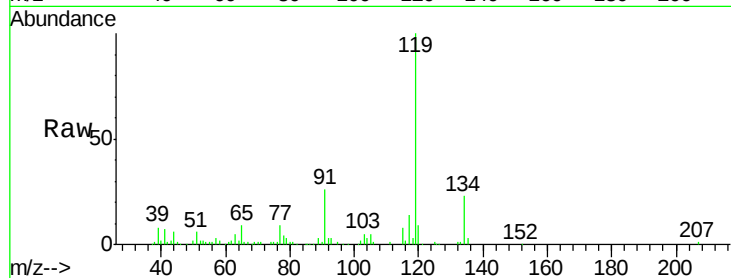




#87  
 p-Isopropyltoluene  
 Concen: 2.30 ug/l  
 RT: 13.41 min Scan# 3676  
 Delta R.T. 0.00 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

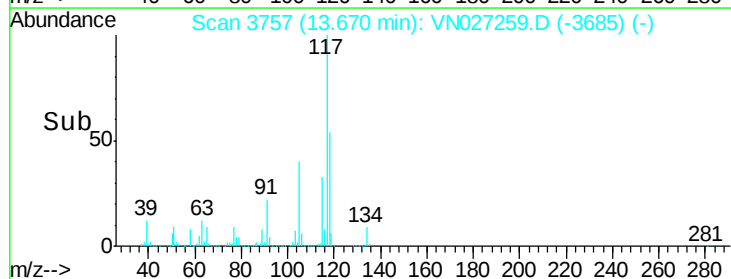
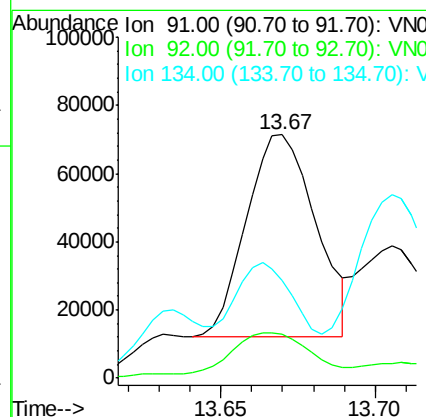
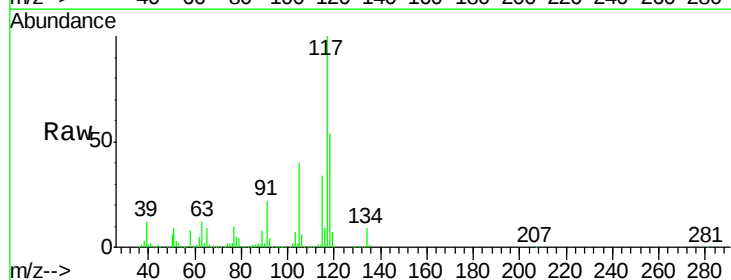
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-4-9-15-15

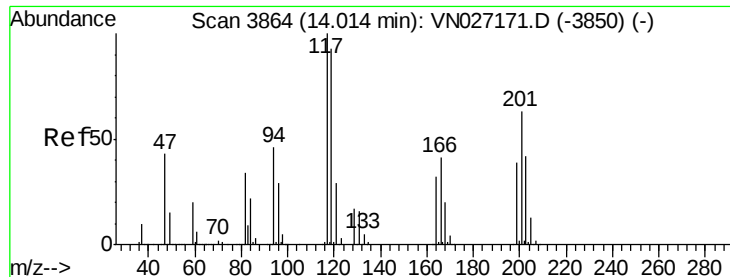
Tgt Ion: 119 Resp: 76595  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 12.4 37.0  
 91 26.8 12.0 36.1



#90  
 n-Butylbenzene  
 Concen: 2.86 ug/l  
 RT: 13.67 min Scan# 3757  
 Delta R.T. -0.07 min  
 Lab File: VN027259.D  
 Acq: 17 Sep 2015 17:03

Tgt Ion: 91 Resp: 92425  
 Ion Ratio Lower Upper  
 91 100  
 92 28.3 26.1 78.2  
 134 30.3 11.1 33.1





#91

Hexachloroethane

Concen: 3.67 ug/l

RT: 14.02 min Scan# 3865

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampled :

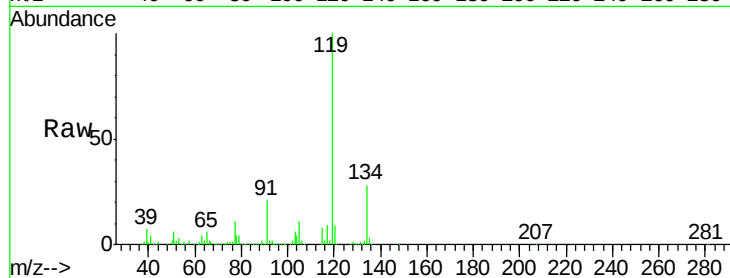
MW-4-9-15-15

Tgt Ion:117 Resp: 26714

Ion Ratio Lower Upper

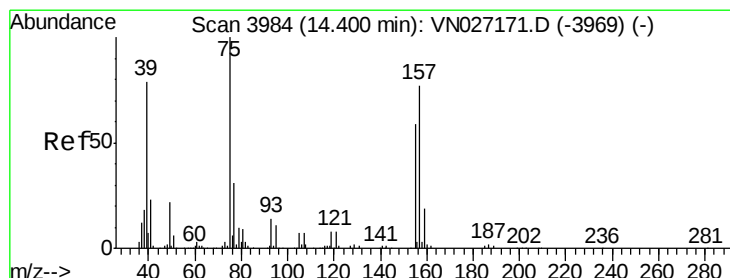
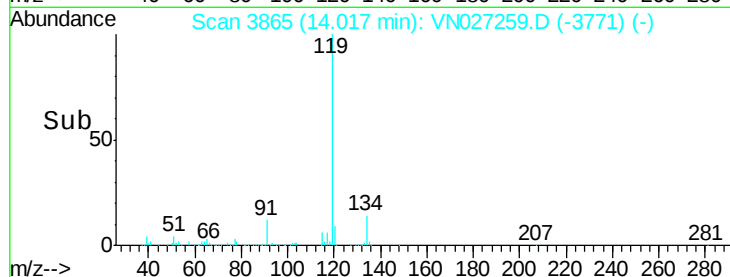
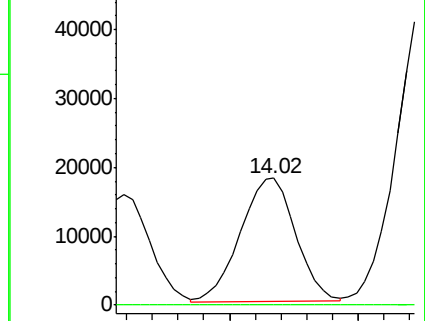
117 100

201 0.0 34.9 104.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.42 min Scan# 3989

Delta R.T. 0.02 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

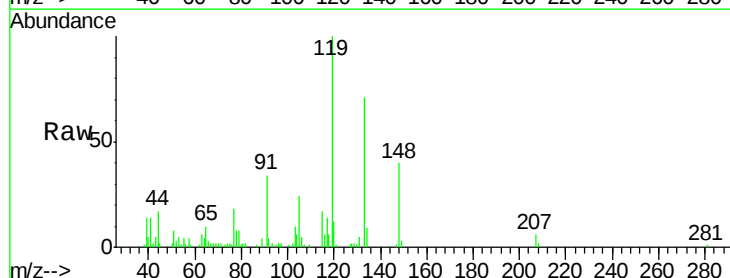
Tgt Ion: 75 Resp: 282

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

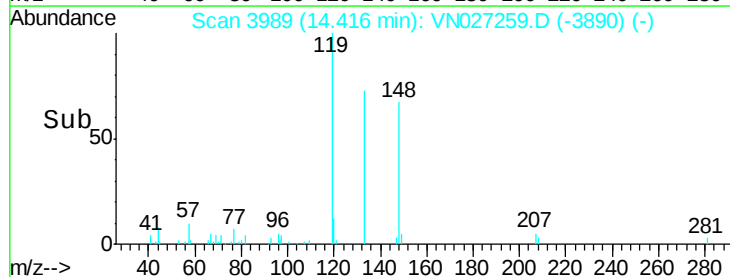
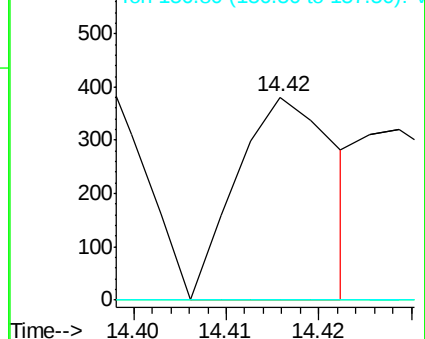
157 0.0 44.6 133.8#

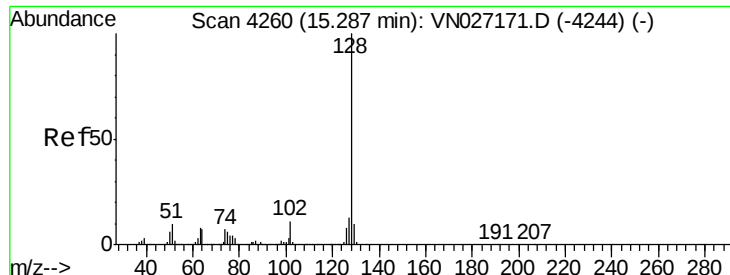


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#96

Naphthalene

Concen: 16.63 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027259.D

Acq: 17 Sep 2015 17:03

Instrument :

MSVOA\_N

ClientSampleId :

MW-4-9-15-15

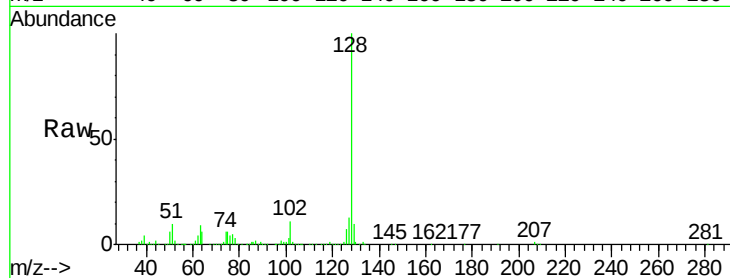
Tgt Ion:128 Resp: 388188

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

