

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\  
 Data File : VN049488.D  
 Acq On : 22 Jun 2018 13:47  
 Operator : MD\SY  
 Sample : VN0622WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 22 22:12:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1406360  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2036374  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1841526  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 871155   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 838919   | 44.97 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.94% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 767752   | 46.60 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.20% |      |
| 50) Toluene-d8            | 10.09  | 98  | 2797295  | 44.59 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.18% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 936393   | 45.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.28% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 282779  | 17.47  | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50  | 357275  | 17.09  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.18 | 62  | 389226  | 17.52  | ug/l   | 98     |
| 5) Bromomethane               | 2.57 | 94  | 214308  | 18.35  | ug/l   | 94     |
| 6) Chloroethane               | 2.71 | 64  | 245387  | 18.53  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 517250  | 18.66  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.41 | 74  | 177255  | 18.32  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 325079  | 18.49  | ug/l   | 93     |
| 10) Methyl Iodide             | 3.95 | 142 | 328679  | 17.96  | ug/l   | 92     |
| 11) Tert butyl alcohol        | 4.80 | 59  | 99723   | 91.09  | ug/l # | 70     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 290871  | 18.04  | ug/l   | 90     |
| 13) Acrolein                  | 3.61 | 56  | 83639   | 72.85  | ug/l   | 99     |
| 14) Allyl chloride            | 4.32 | 41  | 449573  | 17.66  | ug/l   | 90     |
| 15) Acrylonitrile             | 4.99 | 53  | 491162  | 89.72  | ug/l   | 98     |
| 16) Acetone                   | 3.82 | 43  | 453356  | 100.10 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.05 | 76  | 827430  | 16.37  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.33 | 43  | 260553  | 18.87  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 757196  | 18.42  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 350873  | 18.55  | ug/l   | 90     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 301769  | 17.68  | ug/l   | 91     |
| 22) Diisopropyl ether         | 5.95 | 45  | 965048  | 18.98  | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.90 | 43  | 2962005 | 89.36  | ug/l # | 95     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 598885  | 18.40  | ug/l   | 98     |
| 25) 2-Butanone                | 6.84 | 43  | 569114  | 93.58  | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 500618  | 19.05  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 338298  | 17.82  | ug/l   | 94     |
| 28) Bromochloromethane        | 7.19 | 49  | 266976  | 18.50  | ug/l   | 85     |
| 29) Tetrahydrofuran           | 7.22 | 42  | 349113  | 89.18  | ug/l   | 92     |
| 30) Chloroform                | 7.37 | 83  | 604273  | 18.66  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 501025  | 18.05  | ug/l # | 89     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 512934  | 18.56  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 433706  | 18.58  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.93 | 43  | 247129  | 19.48  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 461673  | 19.11  | ug/l   | 98     |

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 Acq On : 22 Jun 2018 13:47  
 Operator : MD\SY  
 Sample : VN0622WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 22 22:12:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 451636   | 18.03  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 1337761  | 18.70  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 136527   | 19.90  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 424290   | 19.19  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 448915   | 18.52  | ug/l   | 98       |
| 44) Trichloroethene            | 8.84  | 130  | 364144   | 19.27  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 352468   | 18.81  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 204784   | 18.85  | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.40  | 83   | 453387   | 18.99  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.20  | 41   | 220570   | 19.32  | ug/l   | 88       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 57863    | 367.24 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1208869  | 95.15  | ug/l   | 94       |
| 52) Toluene                    | 10.16 | 92   | 822091   | 19.58  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 417281   | 18.27  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 497363   | 18.44  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 295855   | 18.90  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 334116   | 18.50  | ug/l # | 86       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 487620   | 18.80  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 353854   | 65.99  | ug/l   | 95       |
| 59) 2-Hexanone                 | 10.75 | 43   | 788692   | 96.28  | ug/l   | 95       |
| 60) Dibromochloromethane       | 10.90 | 129  | 323443   | 18.51  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 274210   | 18.84  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 405088   | 21.47  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.44 | 112  | 893006   | 18.82  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 334479   | 18.74  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1490858  | 18.95  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.62 | 106  | 1145614  | 38.79  | ug/l   | 97       |
| 69) o-Xylene                   | 11.95 | 106  | 541435   | 19.04  | ug/l   | 95       |
| 70) Styrene                    | 11.97 | 104  | 876110   | 19.52  | ug/l   | 97       |
| 71) Bromoform                  | 12.13 | 173  | 216308   | 18.72  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 1469358  | 19.21  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 328405   | 17.53  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 320876   | 19.00  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 413277   | 27.80  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 376222   | 18.62  | ug/l   | 89       |
| 78) n-propylbenzene            | 12.59 | 91   | 1662324  | 19.79  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 1005147  | 18.89  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1198993  | 19.94  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 82665    | 17.58  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 1005774  | 19.59  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1010921  | 18.98  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1200682  | 20.10  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1360288  | 19.19  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1139128  | 19.23  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 622847   | 18.74  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 606361   | 18.41  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 820776   | 17.74  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.88 | 117  | 231730   | 19.64  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 613728   | 18.83  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 46561    | 17.48  | ug/l   | 90       |

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Data File : VN049488.D  
Acq On : 22 Jun 2018 13:47  
Operator : MD\SY  
Sample : VN0622WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

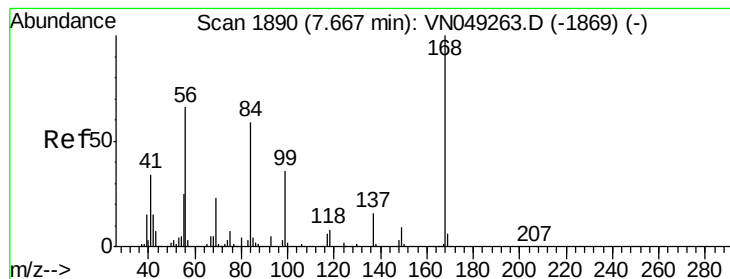
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 22 22:12:46 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:02:01 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 187997   | 16.13 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 200271   | 19.34 | ug/l  | 98       |
| 95) Naphthalene            | 15.14 | 128  | 340389   | 15.63 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 203673   | 16.44 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

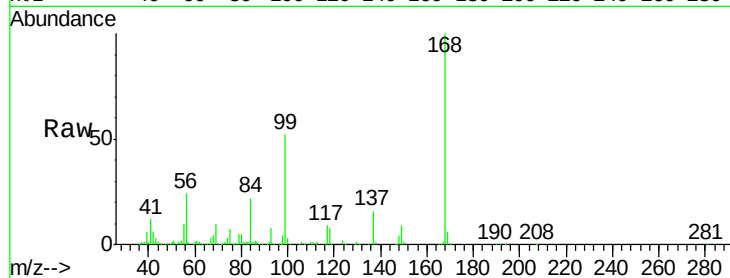
ClientSampleId :

Tot Ion:168 Resp: 1406360

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

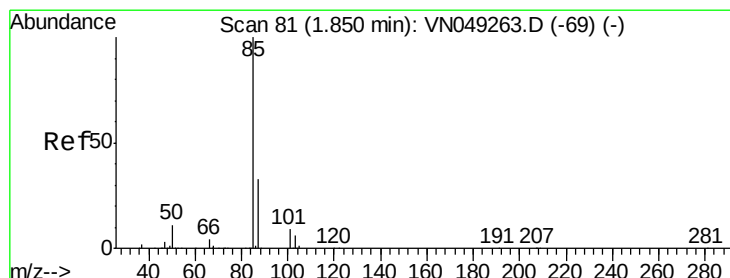
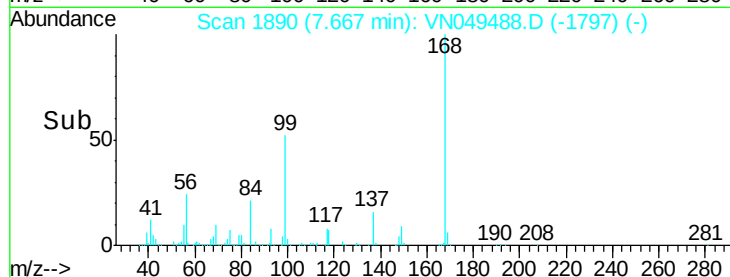
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.47 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049488.D

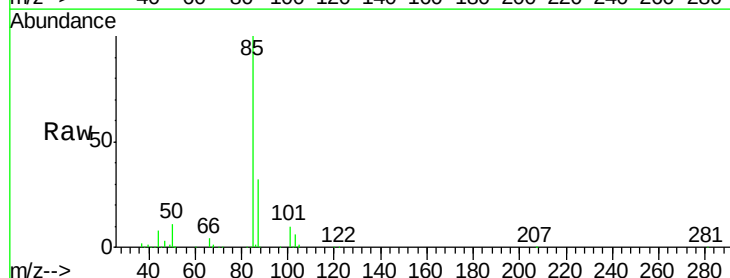
Acq: 22 Jun 2018 13:47

Tgt Ion: 85 Resp: 282779

Ion Ratio Lower Upper

85 100

87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

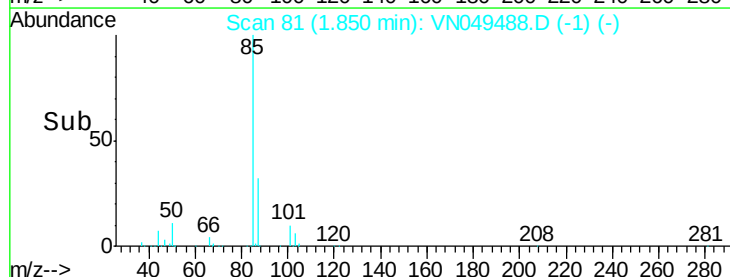
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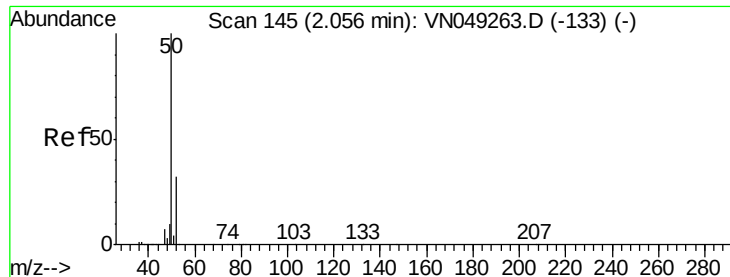
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.09 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

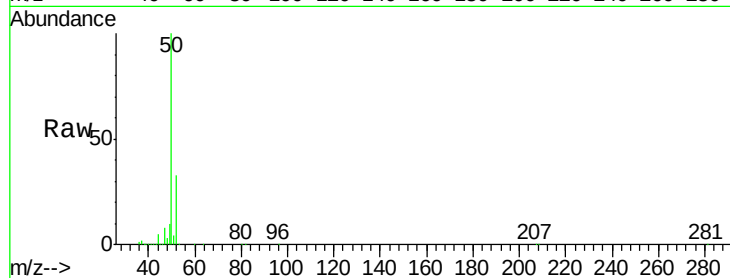
ClientSampleId :

Tot Ion: 50 Resp: 357275

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049488.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049488.D (-52) (-)

2.06

250000

200000

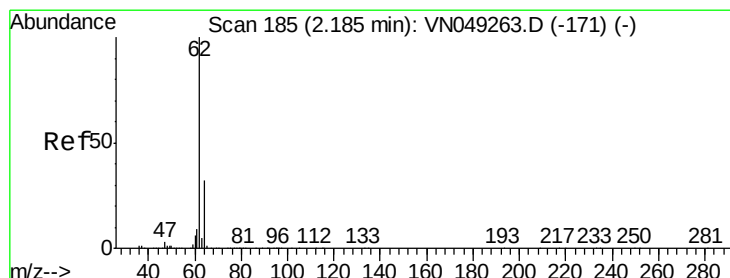
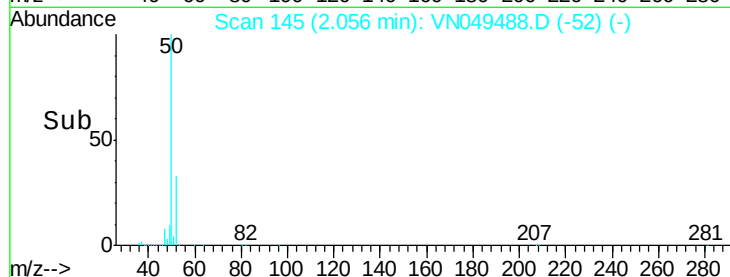
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 17.52 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049488.D

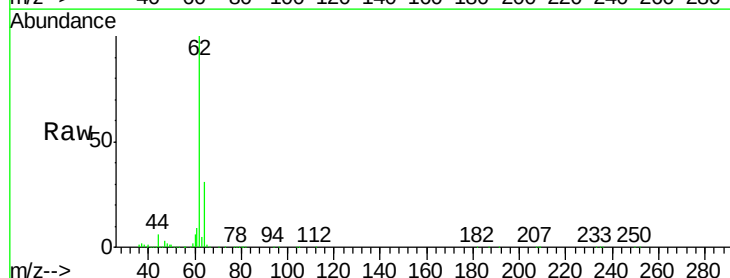
Acq: 22 Jun 2018 13:47

Tgt Ion: 62 Resp: 389226

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049488.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049488.D (-92) (-)

2.18

300000

250000

200000

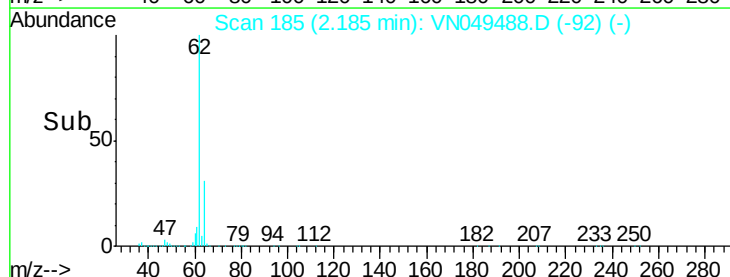
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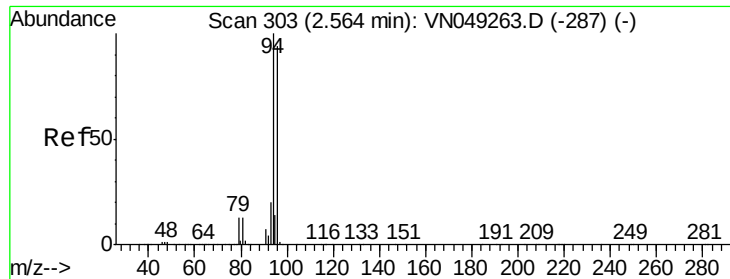
100000

50000

0

Time-->





#5

Bromomethane

Concen: 18.35 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

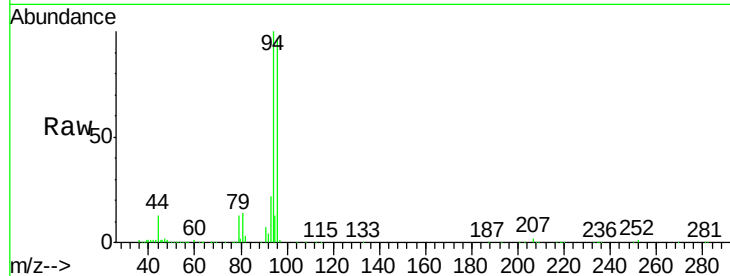
ClientSampleId :

Tot Ion: 94 Resp: 214308

Ion Ratio Lower Upper

94 100

96 97.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

120000

100000

80000

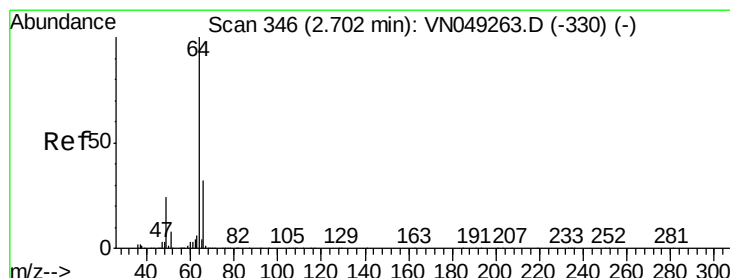
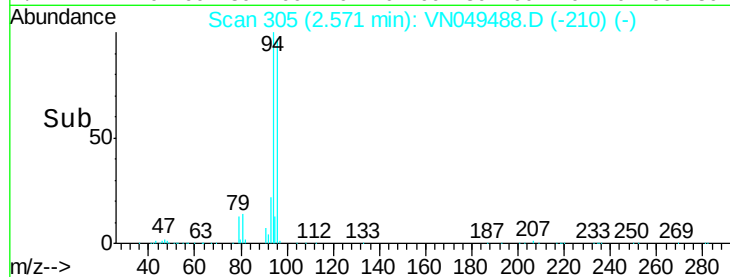
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.53 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049488.D

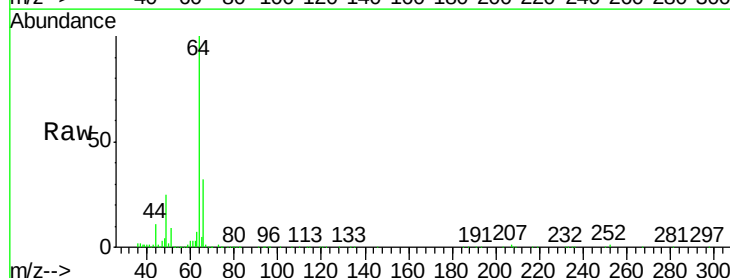
Acq: 22 Jun 2018 13:47

Tgt Ion: 64 Resp: 245387

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

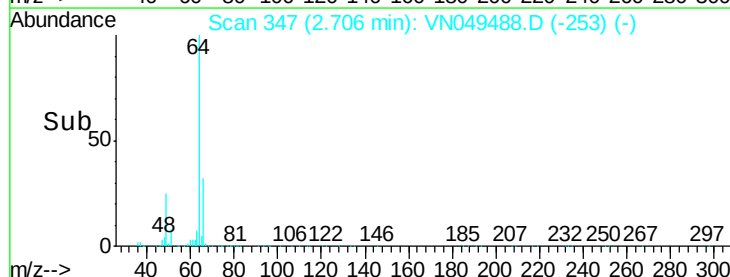
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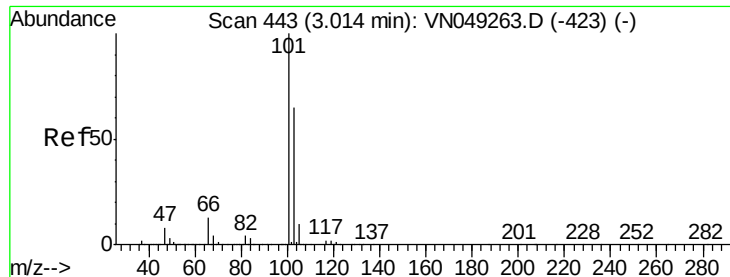
100000

50000

0

Time--> 2.60 2.70 2.80



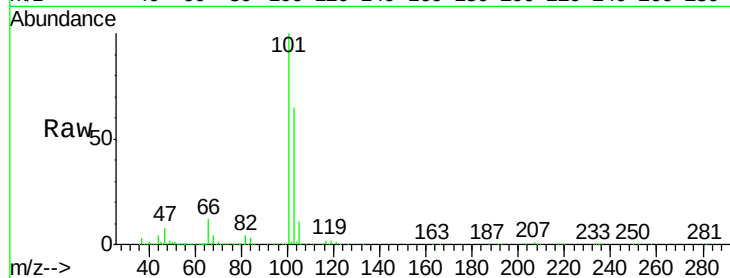


#7

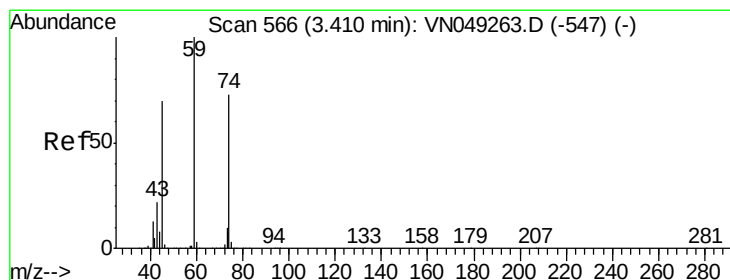
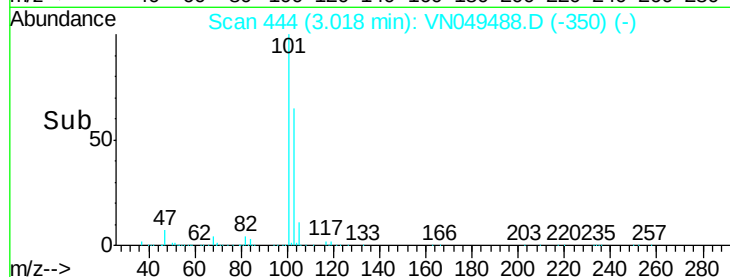
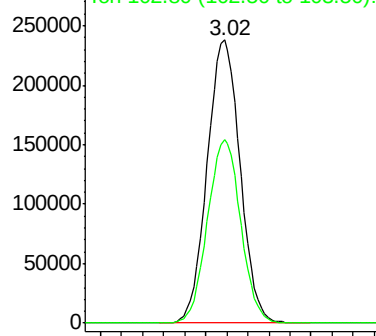
Trichlorofluoromethane  
 Concen: 18.66 ug/l  
 RT: 3.02 min Scan# 444  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:101 Resp: 517250  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 51.7 77.5



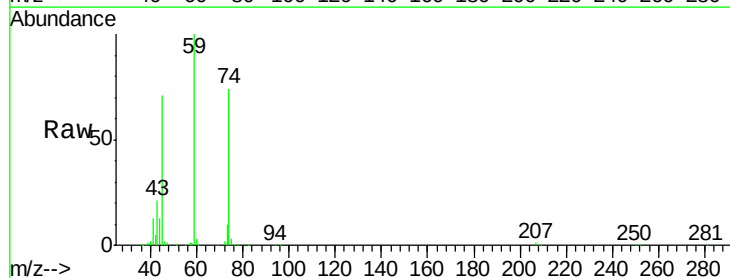
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



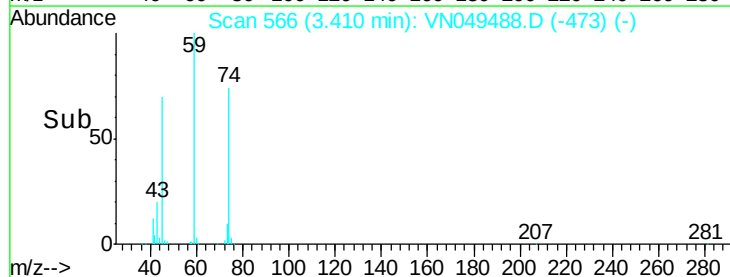
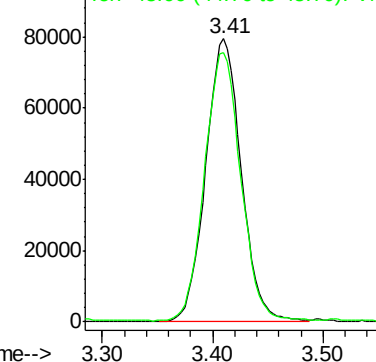
#8

Diethyl Ether  
 Concen: 18.32 ug/l  
 RT: 3.41 min Scan# 566  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

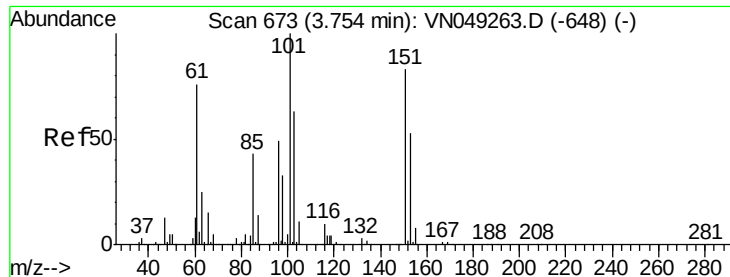
Tgt Ion: 74 Resp: 177255  
 Ion Ratio Lower Upper  
 74 100  
 45 96.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO  
 Ion 45.00 (44.70 to 45.70): VNO







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.49 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampled :

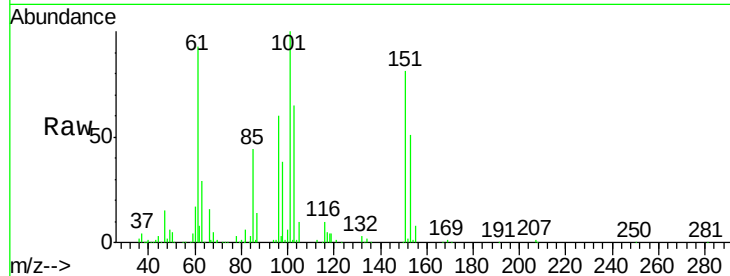
Tot Ion:101 Resp: 325079

Ion Ratio Lower Upper

101 100

85 42.8 37.6 56.4

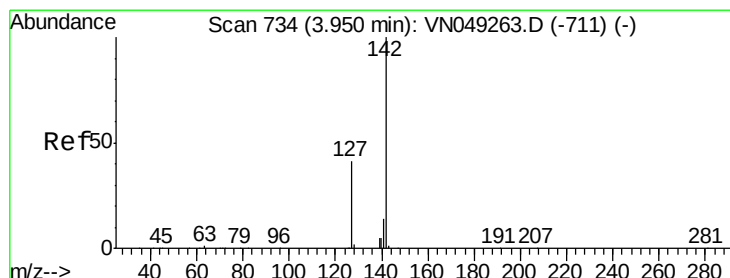
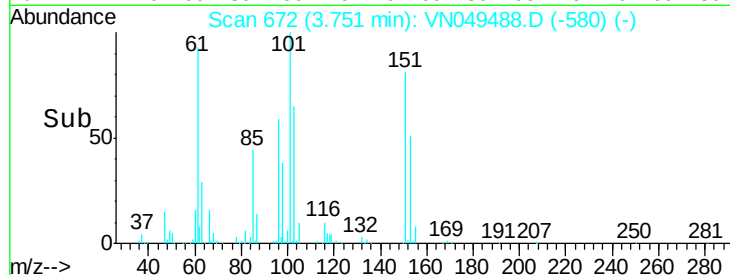
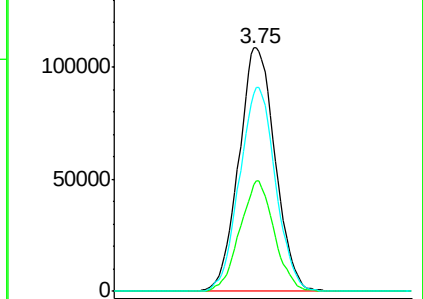
151 82.9 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.96 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

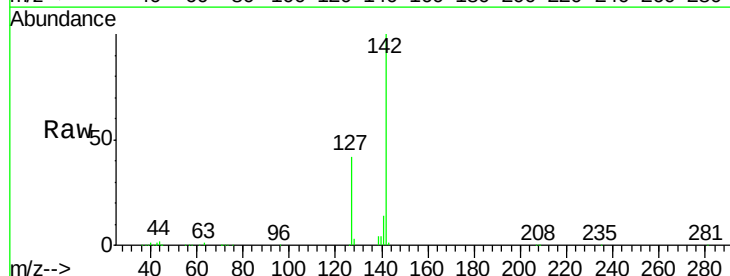
Tgt Ion:142 Resp: 328679

Ion Ratio Lower Upper

142 100

127 41.3 38.2 57.4

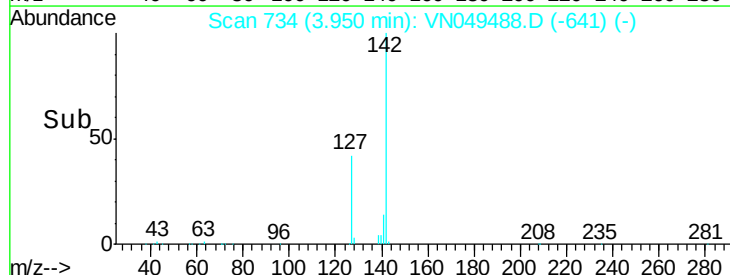
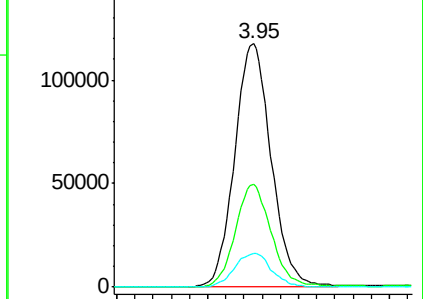
141 14.2 11.9 17.9

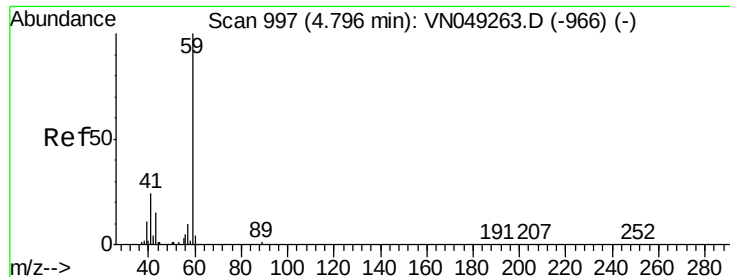


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



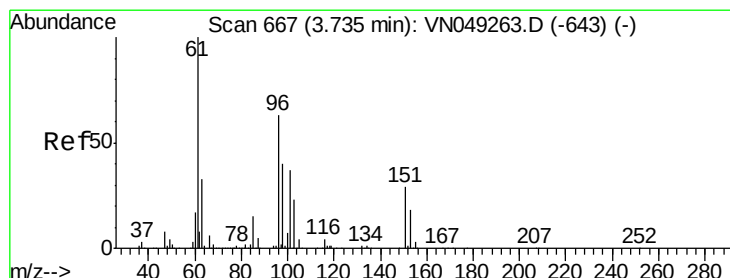
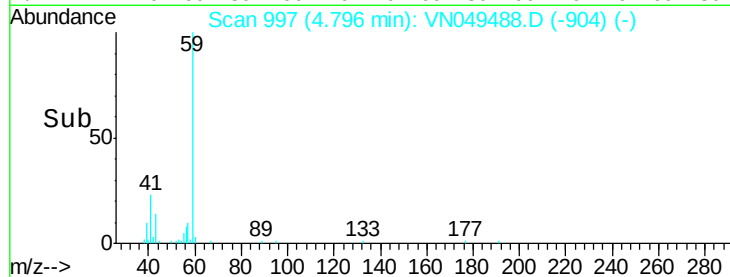
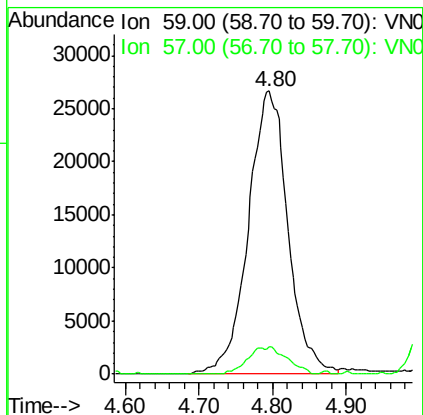
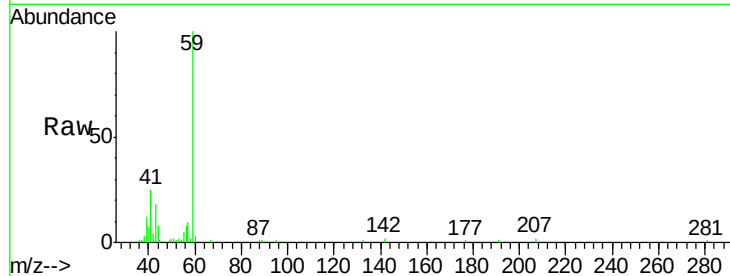


#11

Tert butyl alcohol  
 Concen: 91.09 ug/l  
 RT: 4.80 min Scan# 997  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Instrument :  
 MSVOA\_N  
 ClientSampled :

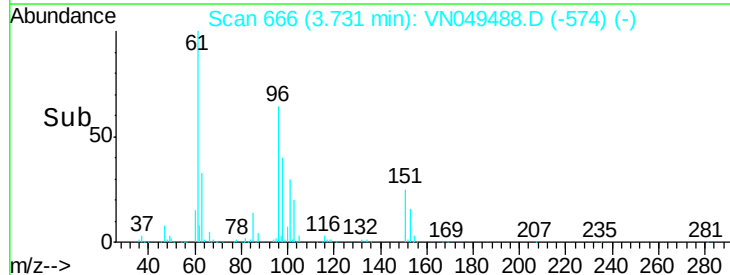
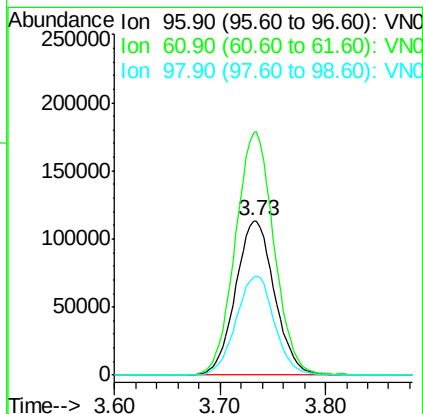
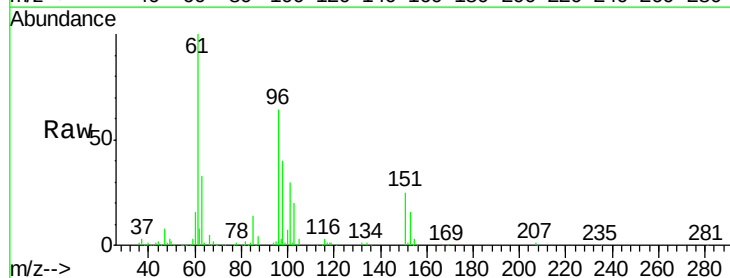
Tot Ion: 59 Resp: 99723  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 9.0 13.6#

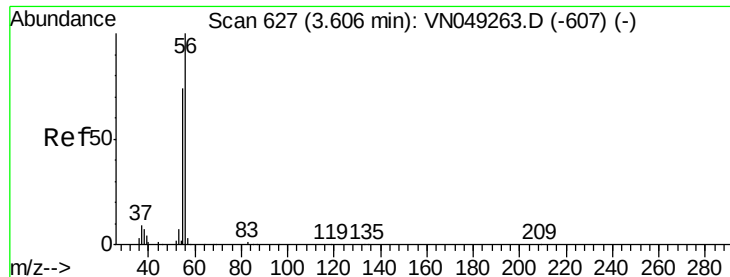


#12

1,1-Dichloroethene  
 Concen: 18.04 ug/l  
 RT: 3.73 min Scan# 666  
 Delta R.T. -0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Tgt Ion: 96 Resp: 290871  
 Ion Ratio Lower Upper  
 96 100  
 61 157.2 141.0 211.4  
 98 63.1 50.4 75.6





#13

Acrolein

Concen: 72.85 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

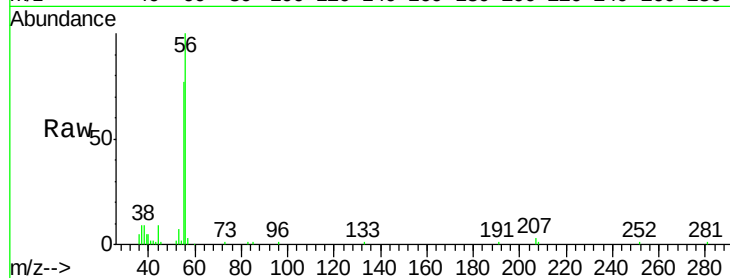
ClientSampleId :

Tot Ion: 56 Resp: 83639

Ion Ratio Lower Upper

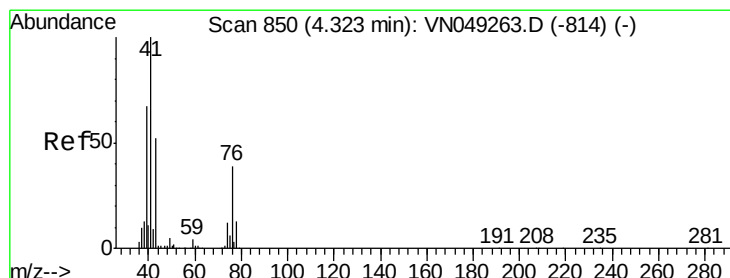
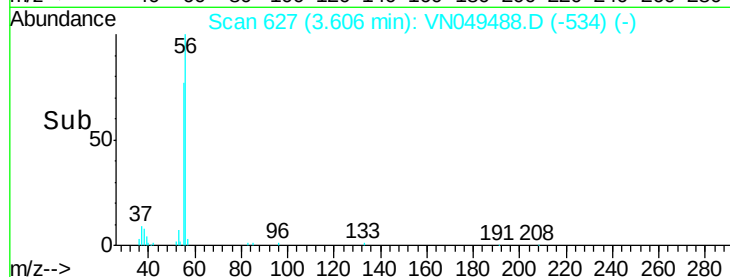
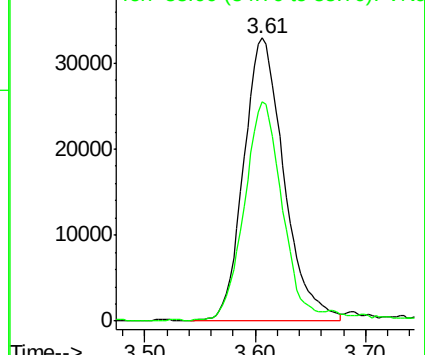
56 100

55 72.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.66 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

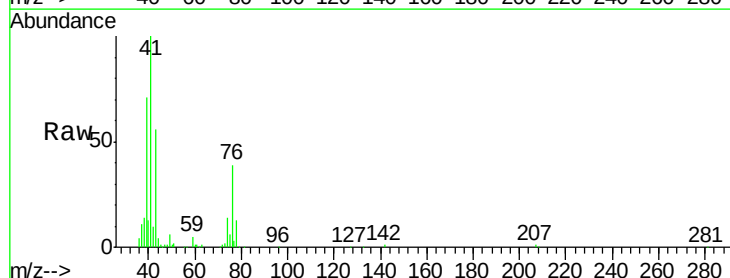
Tgt Ion: 41 Resp: 449573

Ion Ratio Lower Upper

41 100

39 67.3 62.5 93.7

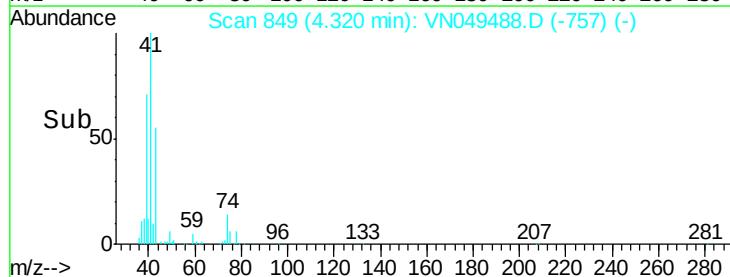
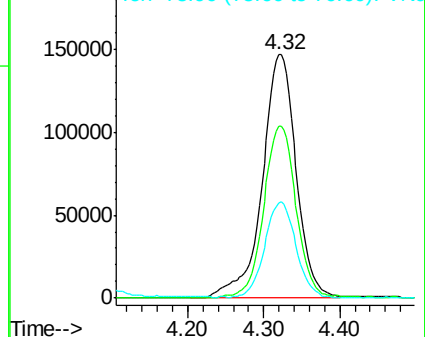
76 36.2 27.1 40.7

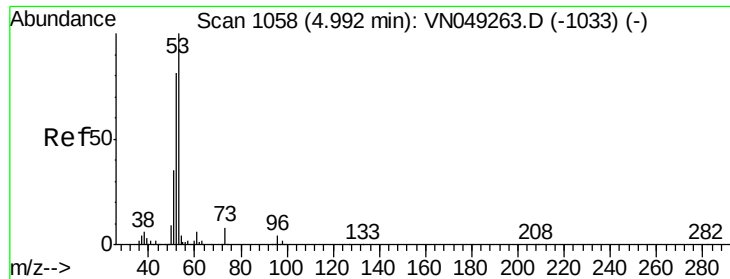


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 89.72 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampleId :

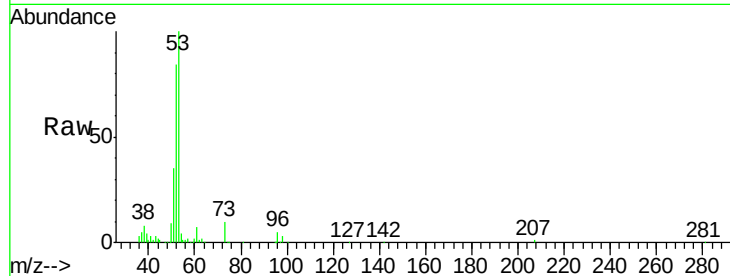
Tot Ion: 53 Resp: 491162

Ion Ratio Lower Upper

53 100

52 82.0 66.6 100.0

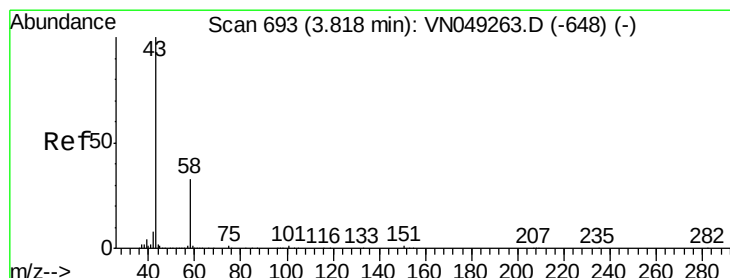
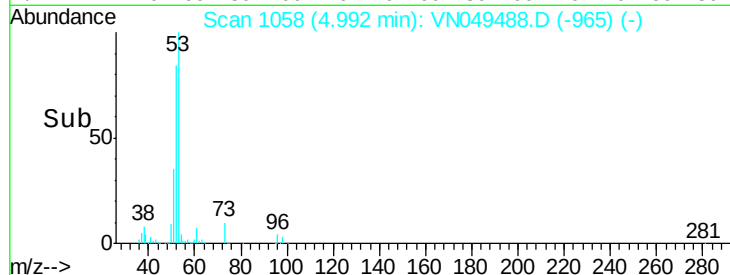
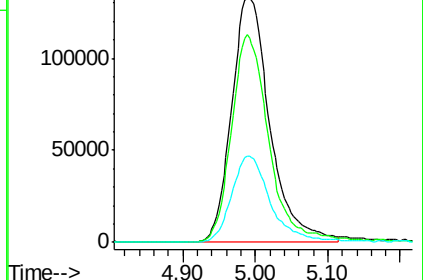
51 35.3 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN049488.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN049488.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN049488.D (-965) (-)



#16

Acetone

Concen: 100.10 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049488.D

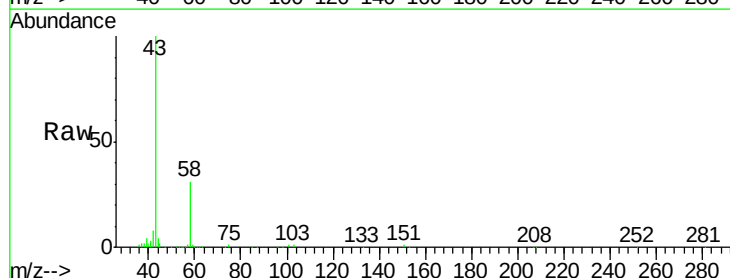
Acq: 22 Jun 2018 13:47

Tgt Ion: 43 Resp: 453356

Ion Ratio Lower Upper

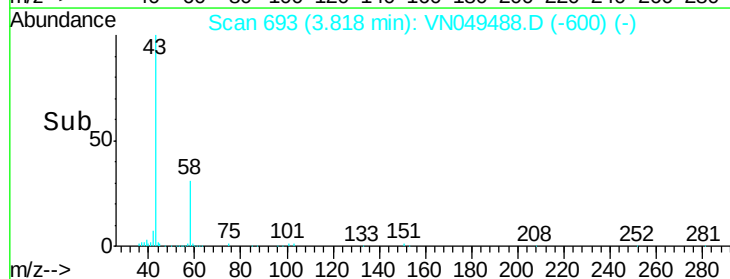
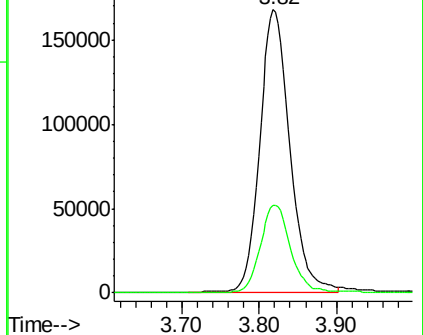
43 100

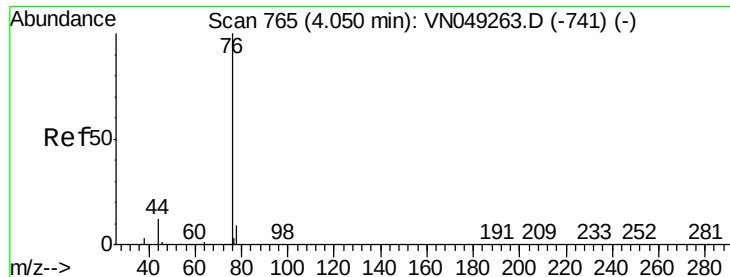
58 30.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049488.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049488.D (-600) (-)





#17

Carbon Disulfide

Concen: 16.37 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

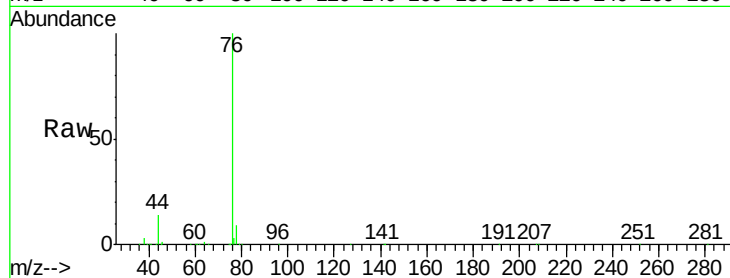
ClientSampleId :

Tot Ion: 76 Resp: 827430

Ion Ratio Lower Upper

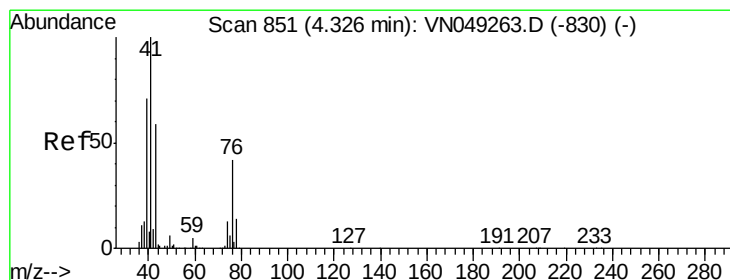
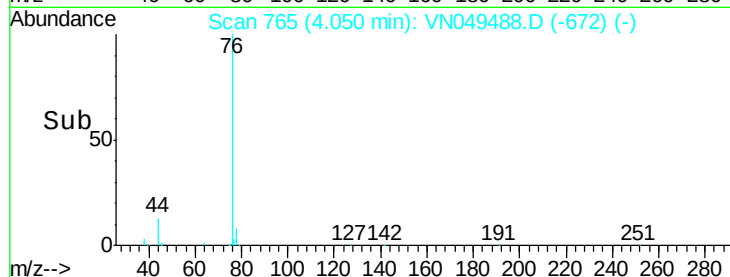
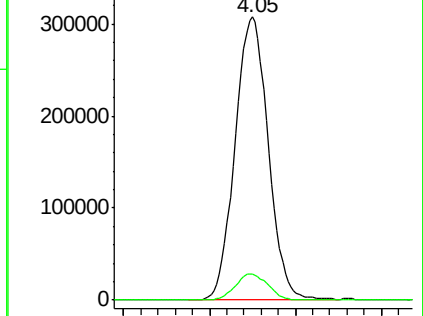
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.87 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049488.D

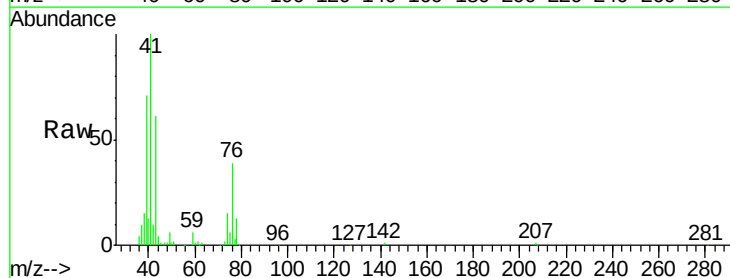
Acq: 22 Jun 2018 13:47

Tgt Ion: 43 Resp: 260553

Ion Ratio Lower Upper

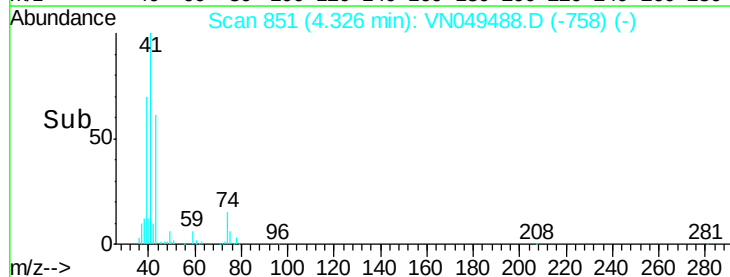
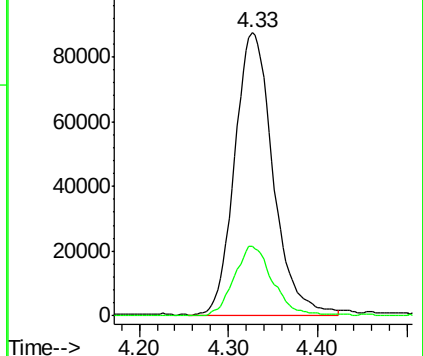
43 100

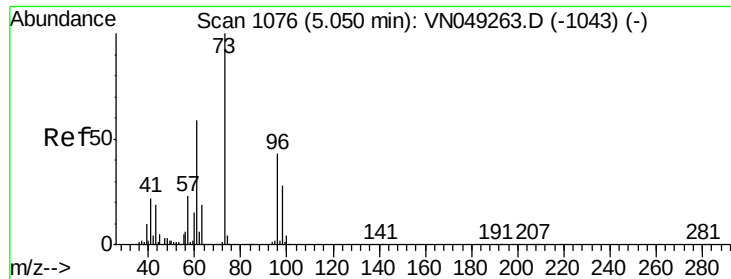
74 24.8 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methyl tert-butyl Ether

Concen: 18.42 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

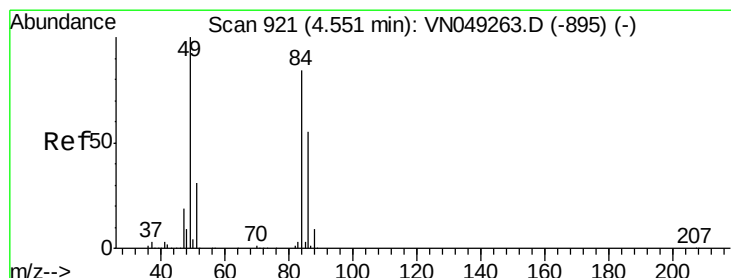
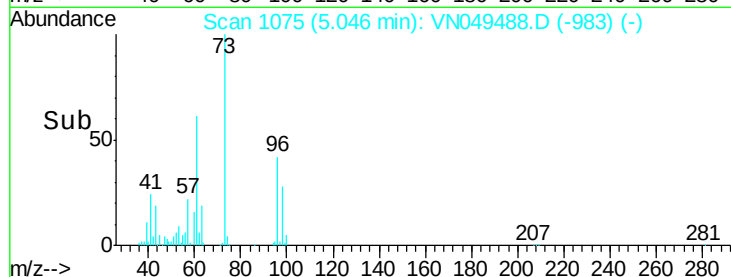
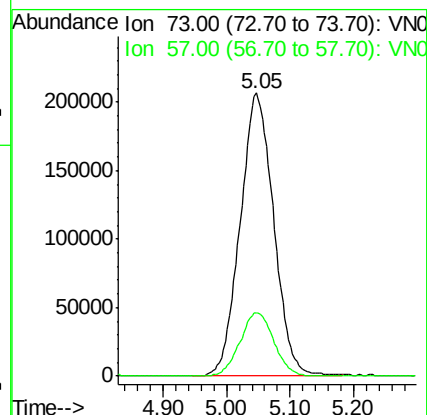
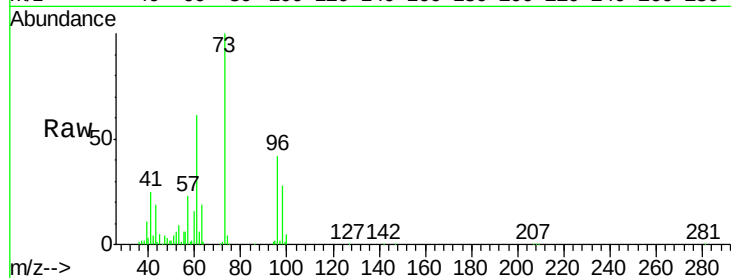
ClientSampled :

Tot Ion: 73 Resp: 757196

Ion Ratio Lower Upper

73 100

57 22.5 18.2 27.4



#20

Methylene Chloride

Concen: 18.55 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion: 84 Resp: 350873

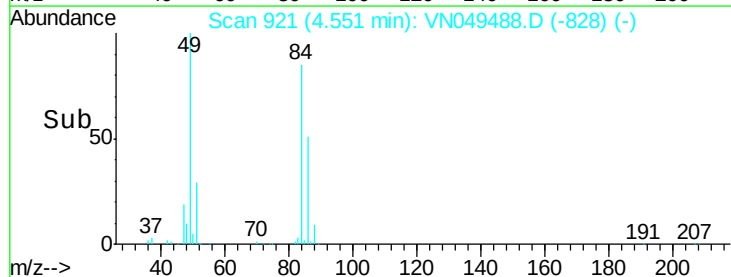
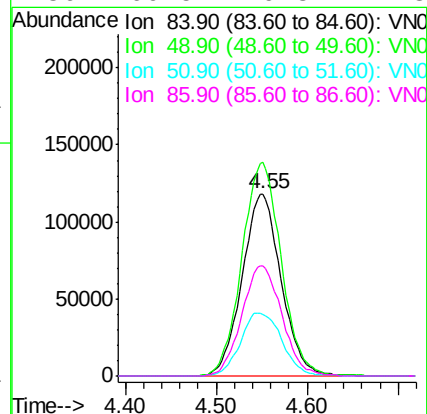
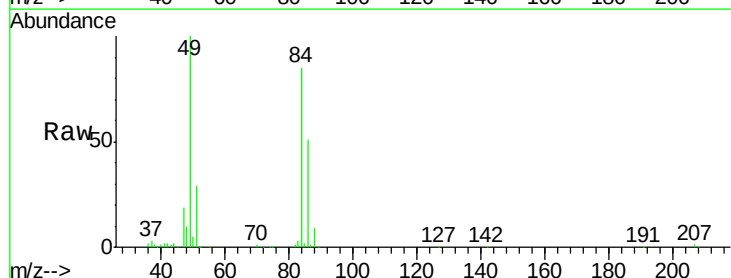
Ion Ratio Lower Upper

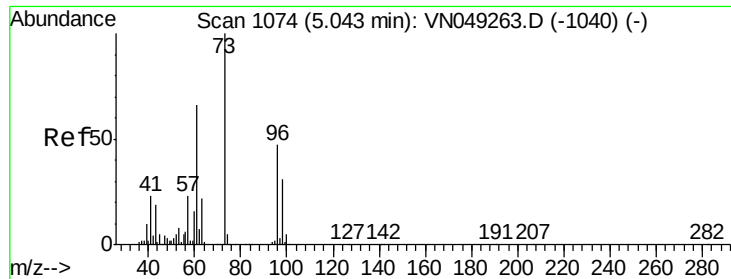
84 100

49 117.5 106.9 160.3

51 34.0 32.7 49.1

86 60.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 17.68 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampleId :

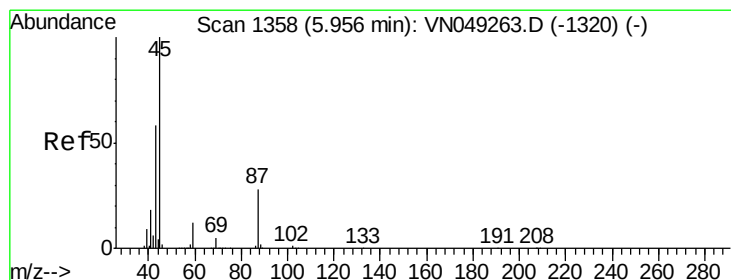
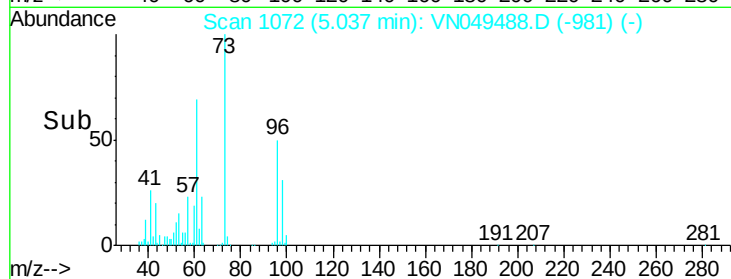
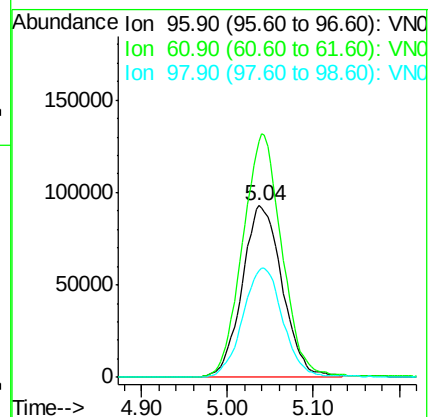
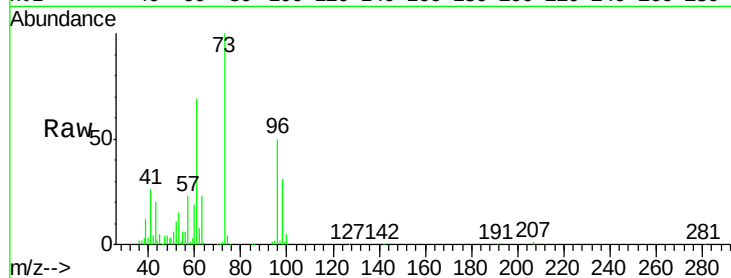
Tot Ion: 96 Resp: 301769

Ion Ratio Lower Upper

96 100

61 137.3 121.3 181.9

98 61.9 52.0 78.0



#22

Diisopropyl ether

Concen: 18.98 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion: 45 Resp: 965048

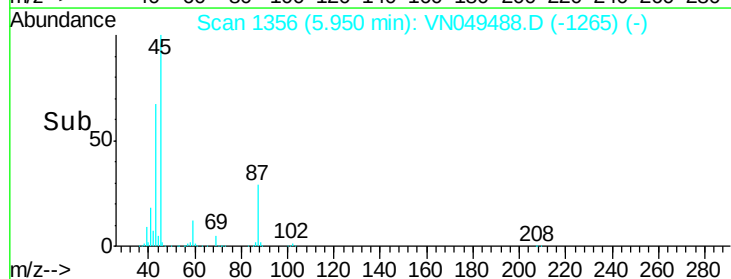
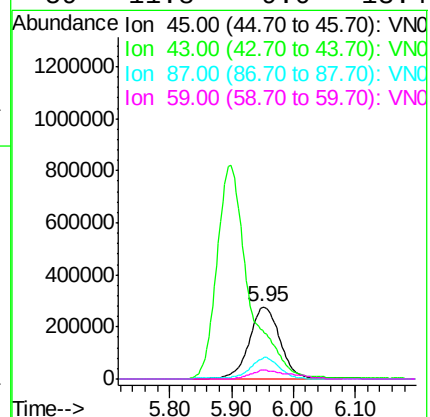
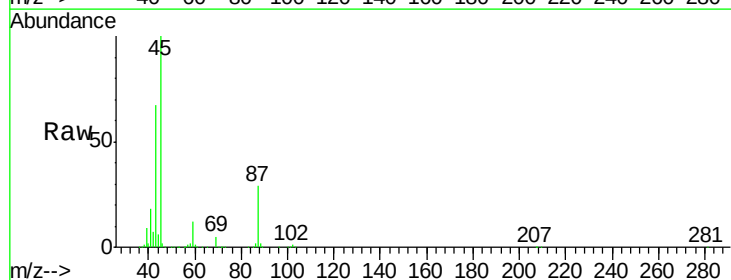
Ion Ratio Lower Upper

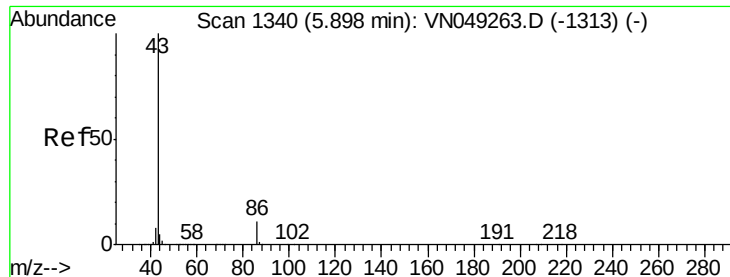
45 100

43 64.9 48.6 72.8

87 28.3 20.2 30.2

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 89.36 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

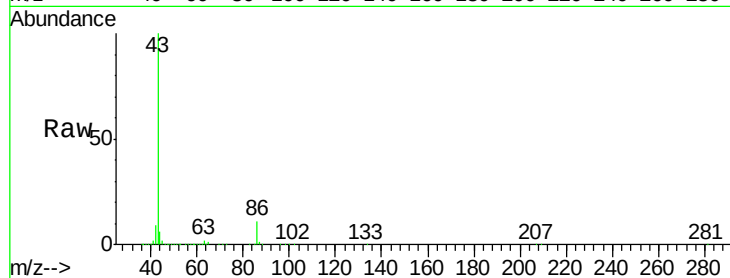
ClientSampleId :

Tot Ion: 43 Resp: 2962005

Ion Ratio Lower Upper

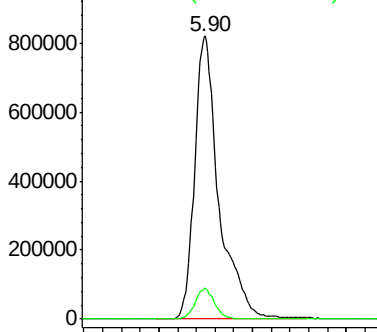
43 100

86 10.8 7.2 10.8#

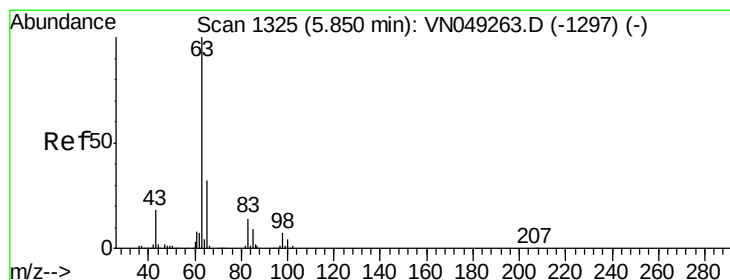
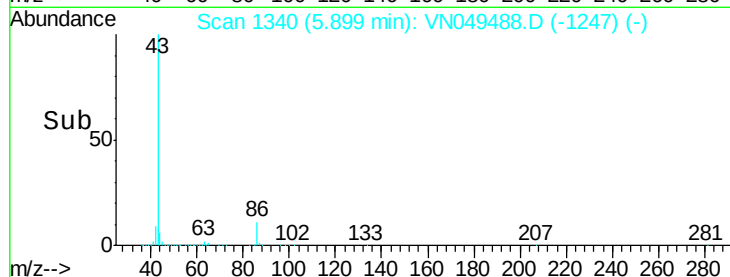


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 18.40 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

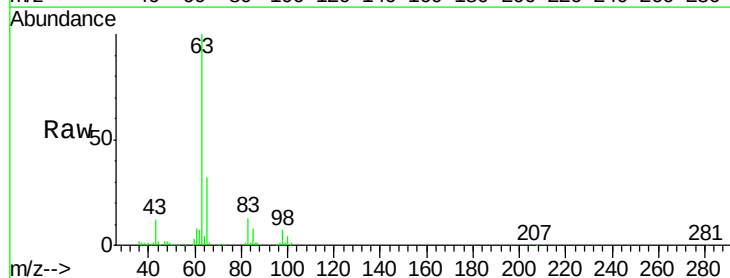
Tgt Ion: 63 Resp: 598885

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

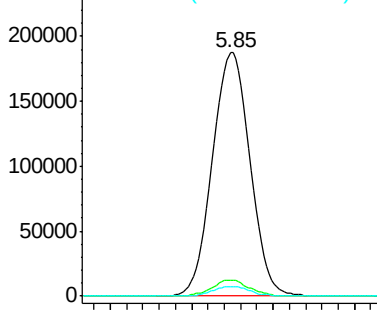
100 4.0 2.1 6.3



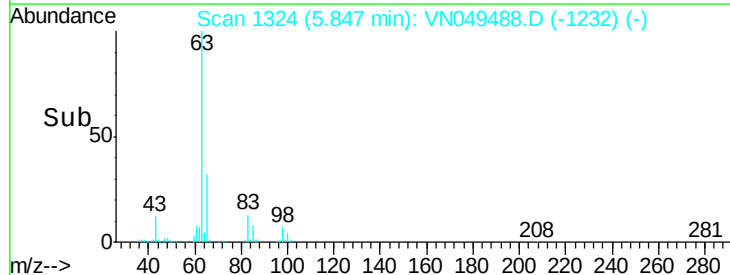
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

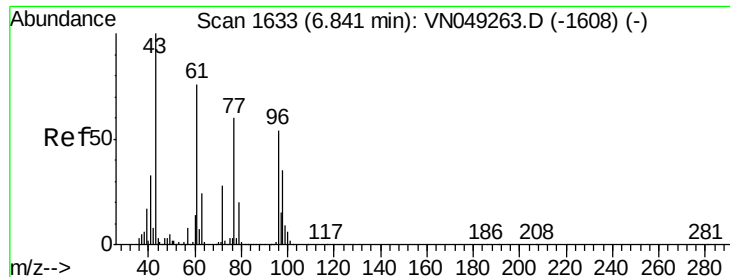
Ion 99.90 (99.60 to 100.60): VN0



Time-->







#25

2-Butanone

Concen: 93.58 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

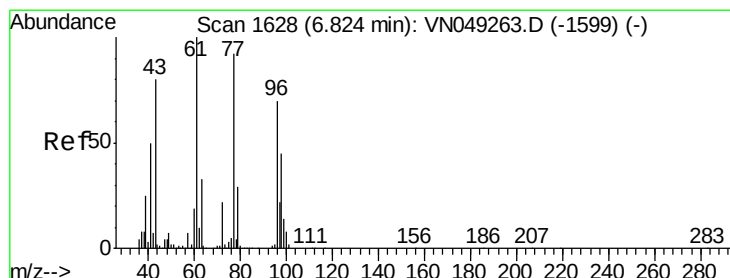
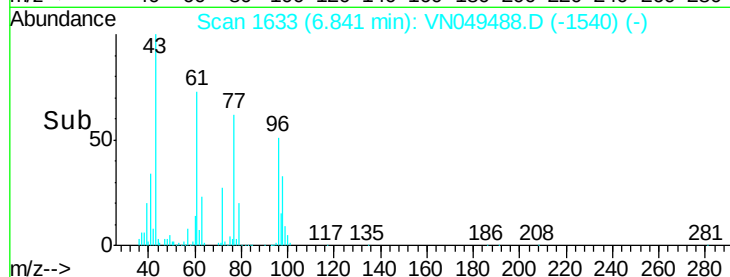
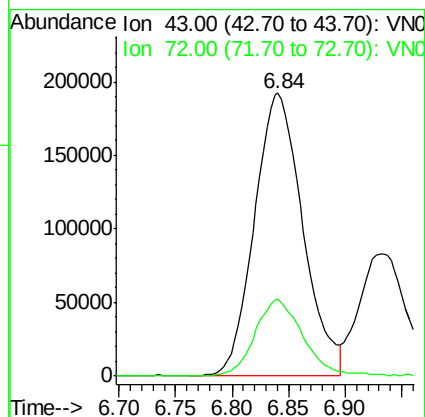
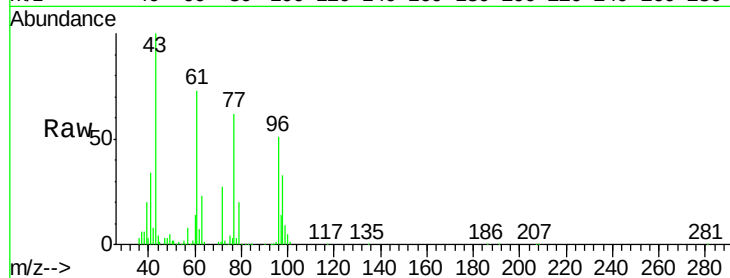
ClientSampled :

Tot Ion: 43 Resp: 569114

Ion Ratio Lower Upper

43 100

72 27.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.05 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049488.D

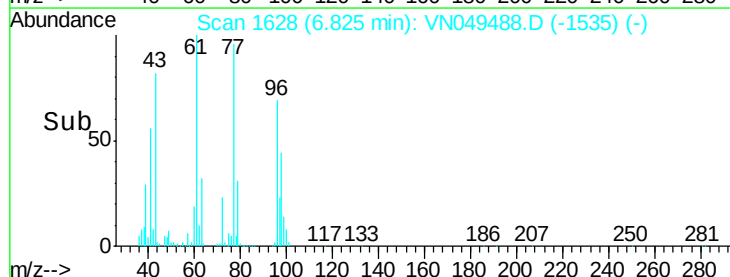
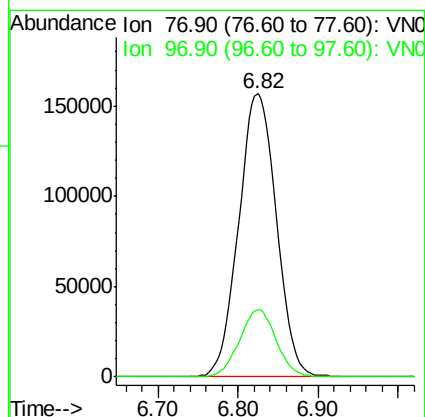
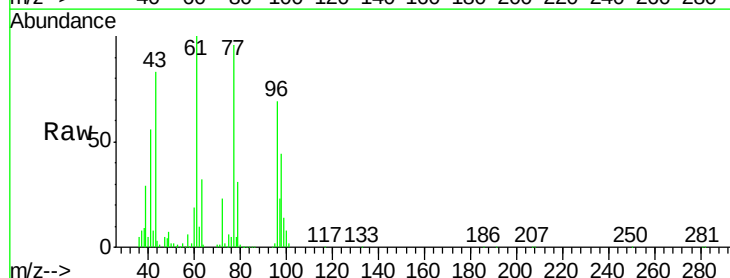
Acq: 22 Jun 2018 13:47

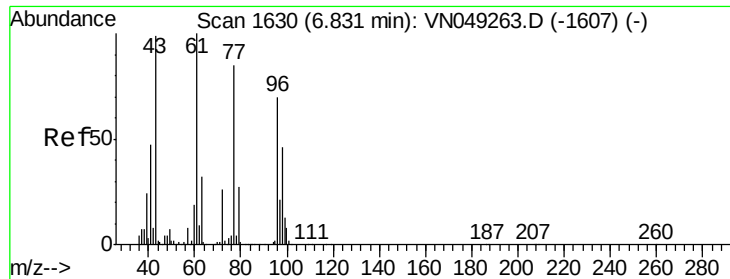
Tgt Ion: 77 Resp: 500618

Ion Ratio Lower Upper

77 100

97 23.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 17.82 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

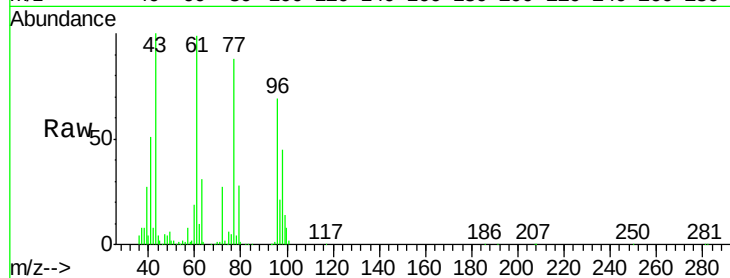
Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 338298

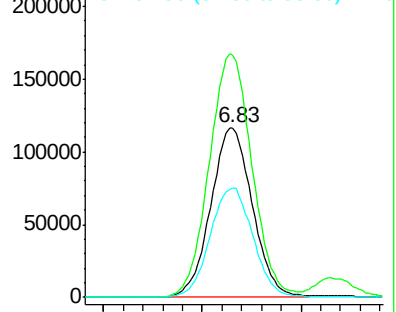
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 148.3 | 0.0   | 316.4 |
| 98  | 66.6  | 0.0   | 128.4 |



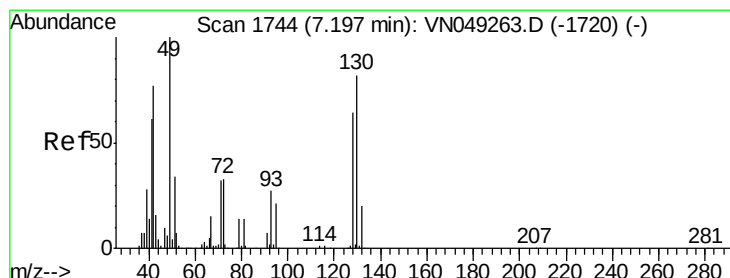
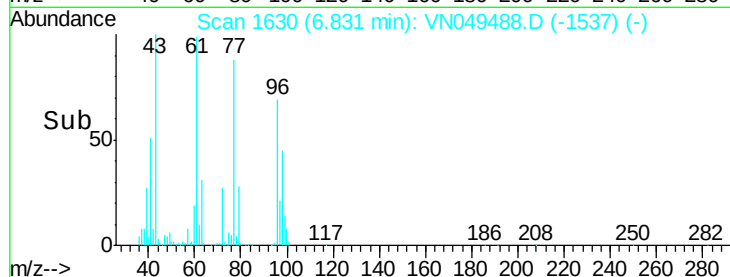
Abundance Ion 95.90 (95.60 to 96.60): VN049488.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049488.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049488.D (-1537) (-)



Time-->



#28

Bromochloromethane

Concen: 18.50 ug/l

RT: 7.19 min Scan# 1743

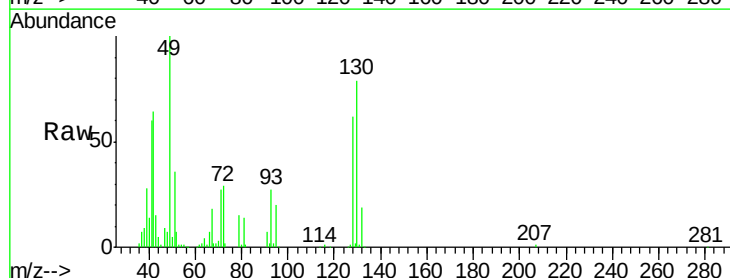
Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion: 49 Resp: 266976

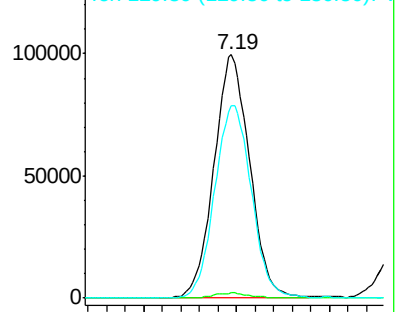
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.0   | 0.0   | 3.8   |
| 130 | 81.4  | 54.9  | 82.3  |



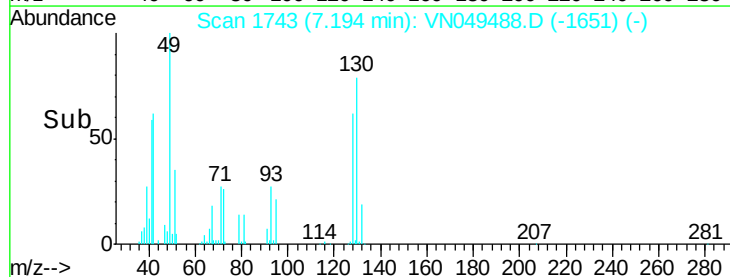
Abundance Ion 48.90 (48.60 to 49.60): VN049488.D (-1651) (-)

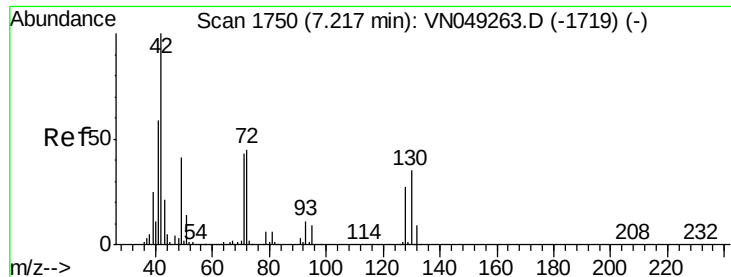
Ion 128.80 (128.50 to 129.50): VN049488.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049488.D (-1651) (-)



Time-->





#29

Tetrahydrofuran

Concen: 89.18 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampled :

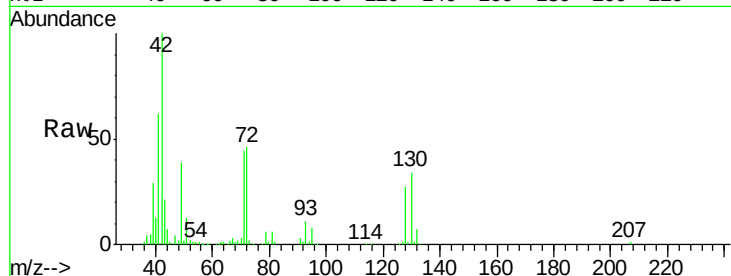
Tot Ion: 42 Resp: 349113

Ion Ratio Lower Upper

42 100

72 45.1 32.2 48.4

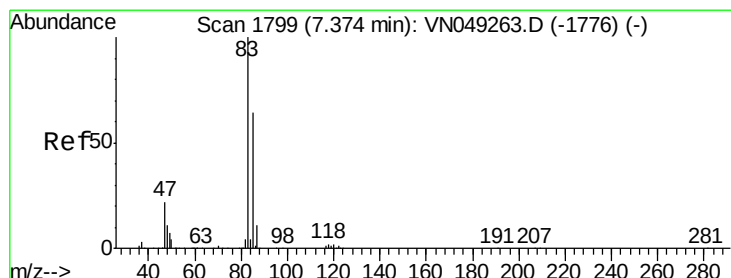
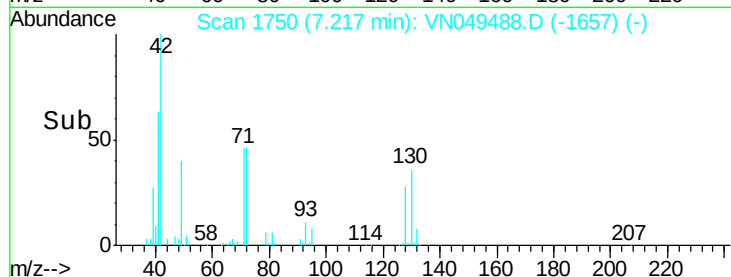
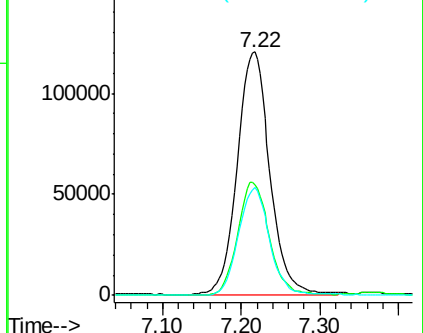
71 42.8 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.66 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049488.D

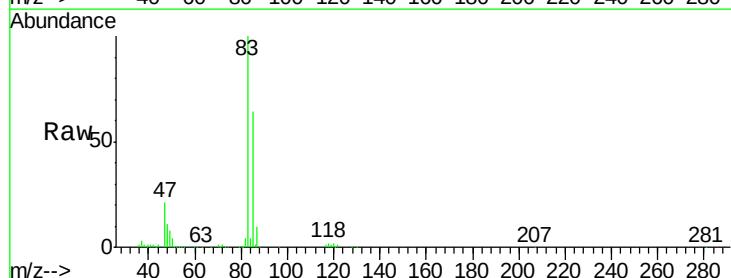
Acq: 22 Jun 2018 13:47

Tgt Ion: 83 Resp: 604273

Ion Ratio Lower Upper

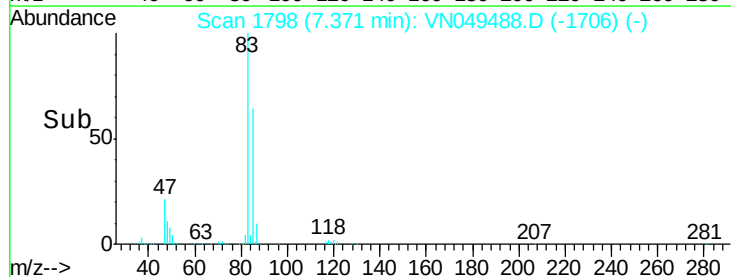
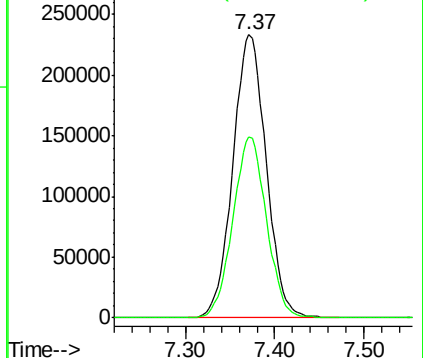
83 100

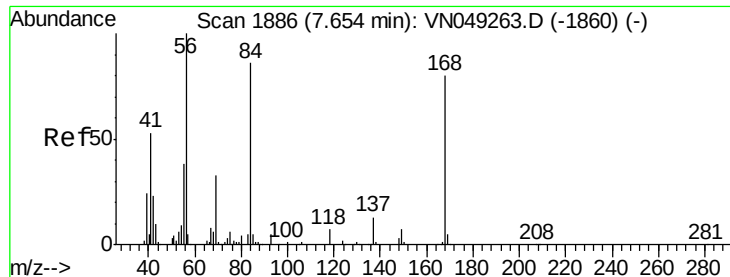
85 63.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

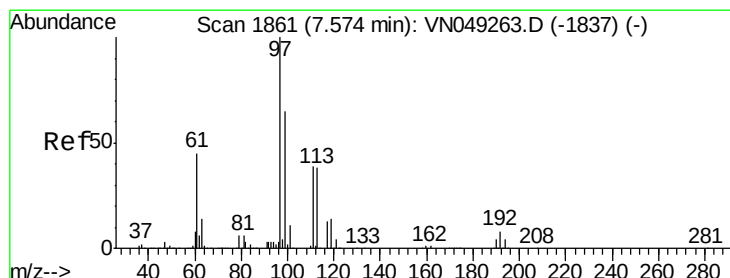
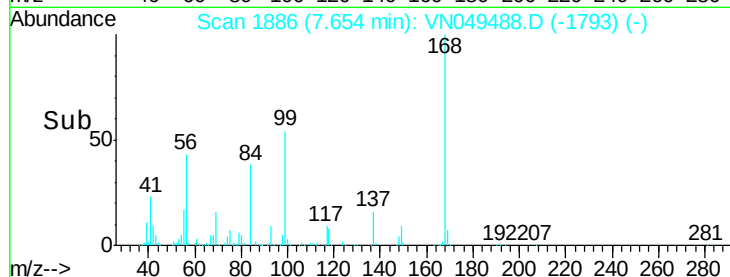
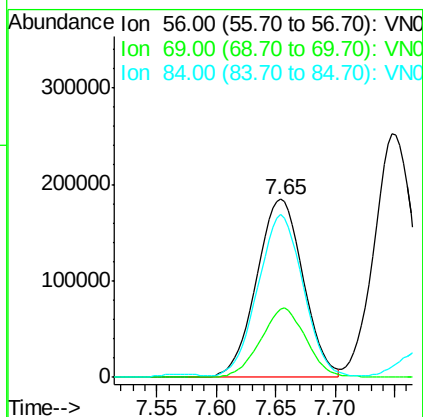
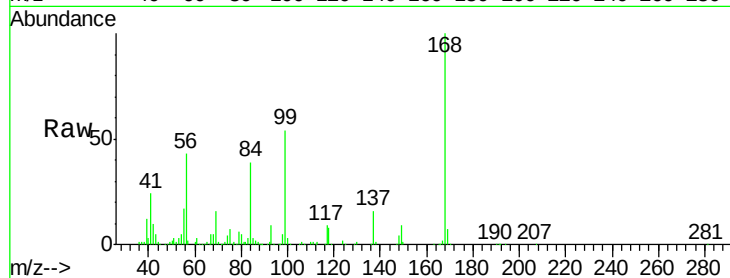




#31  
Cyclohexane  
Concen: 18.05 ug/l  
RT: 7.65 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

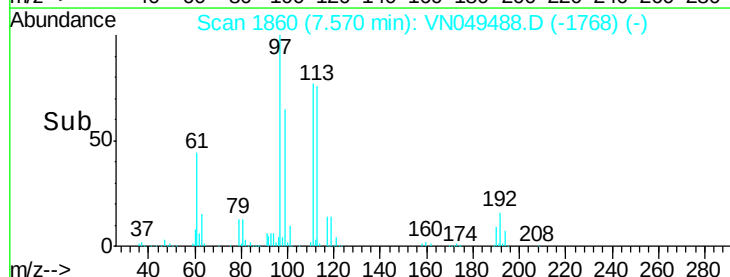
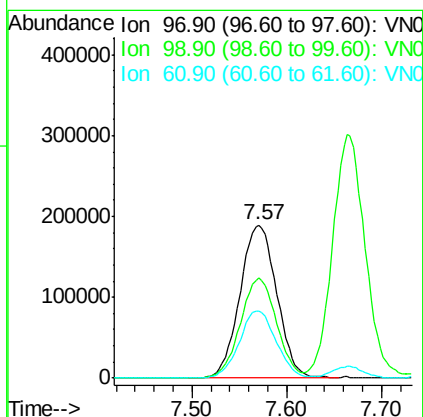
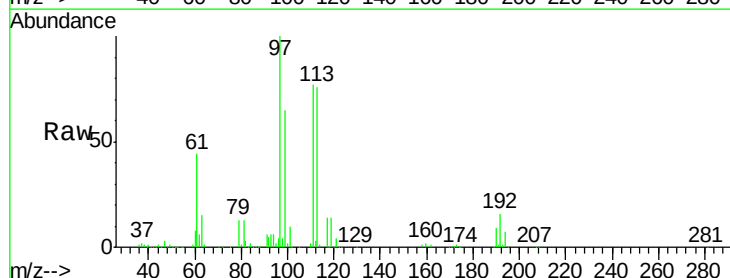
Instrument :  
MSVOA\_N  
ClientSampleId :

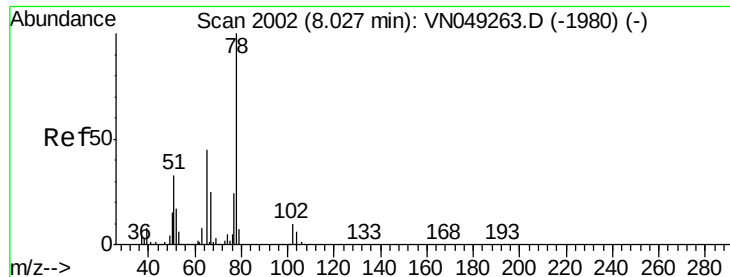
Tot Ion: 56 Resp: 501025  
Ion Ratio Lower Upper  
56 100  
69 38.3 25.0 37.4#  
84 89.5 64.6 96.8



#32  
1,1,1-Trichloroethane  
Concen: 18.56 ug/l  
RT: 7.57 min Scan# 1860  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion: 97 Resp: 512934  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.5 75.7  
61 43.8 37.9 56.9

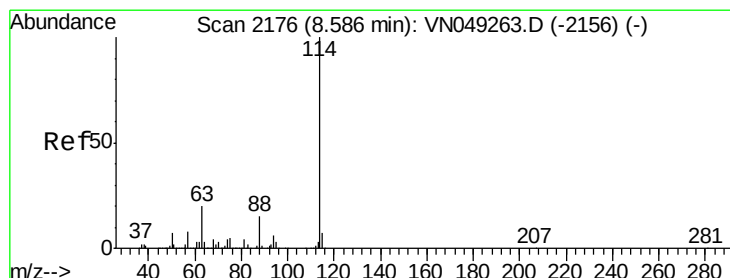
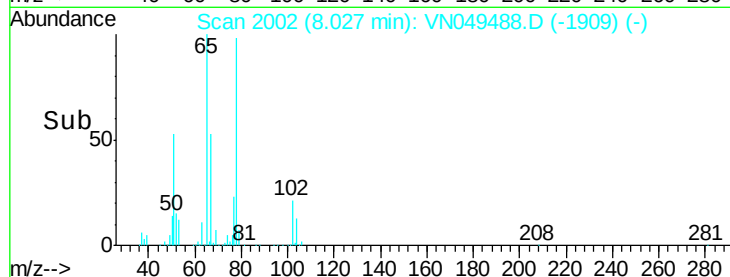
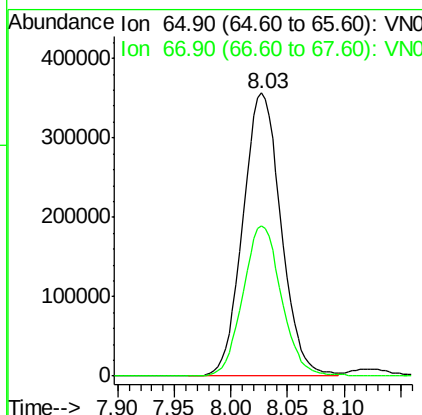
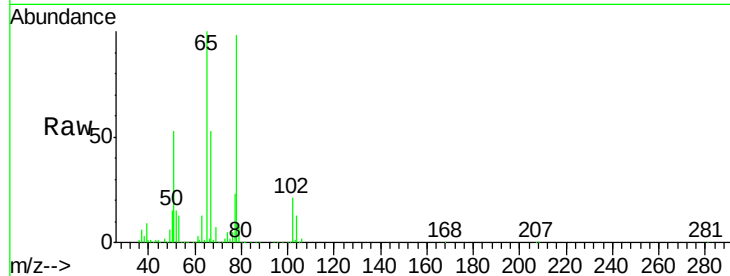




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.97 ug/l  
 RT: 8.03 min Scan# 2002  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

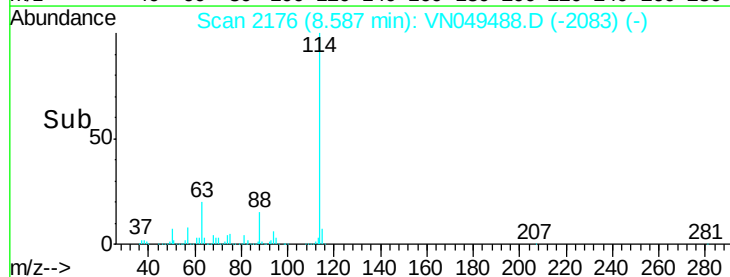
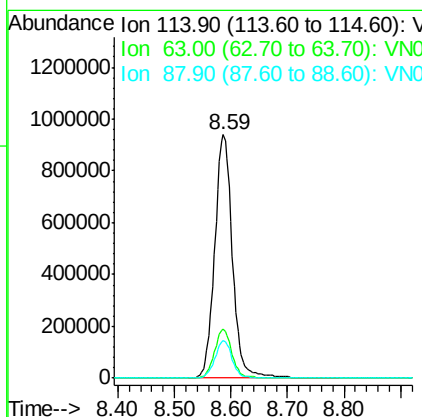
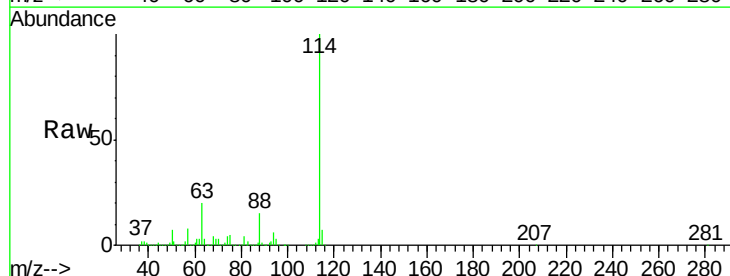
Instrument :  
 MSVOA\_N  
 ClientSampleId :

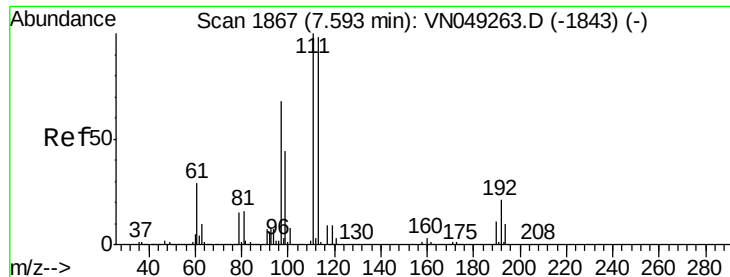
Tot Ion: 65 Resp: 838919  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Tgt Ion: 114 Resp: 2036374  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 44.4  
 88 15.3 0.0 31.4

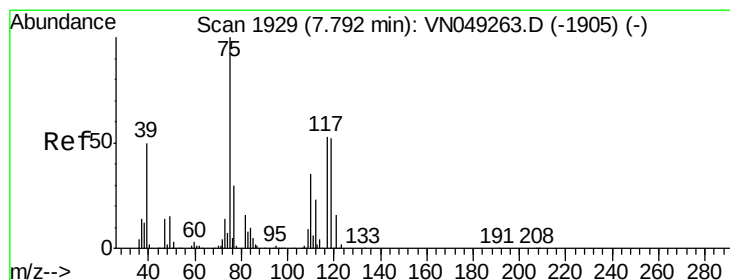
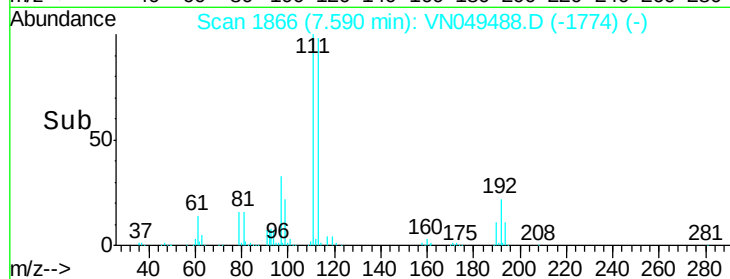
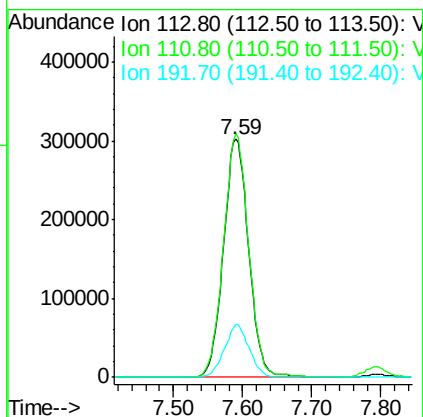
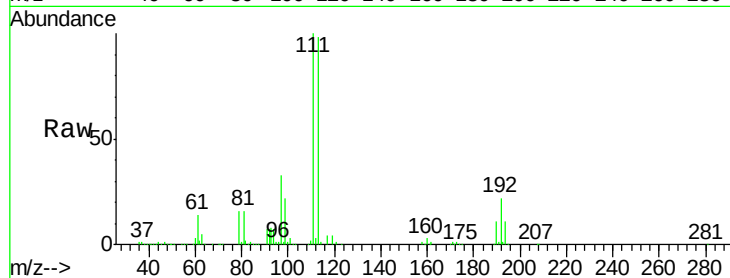




#35  
Dibromofluoromethane  
Concen: 46.60 ug/l  
RT: 7.59 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

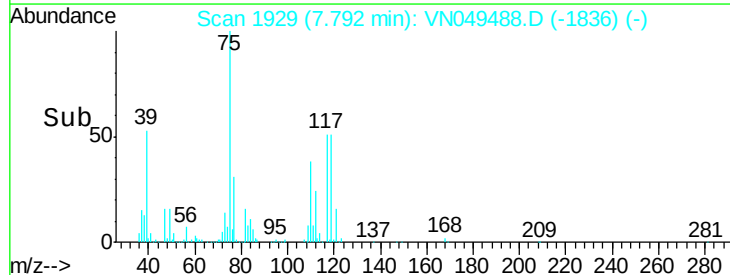
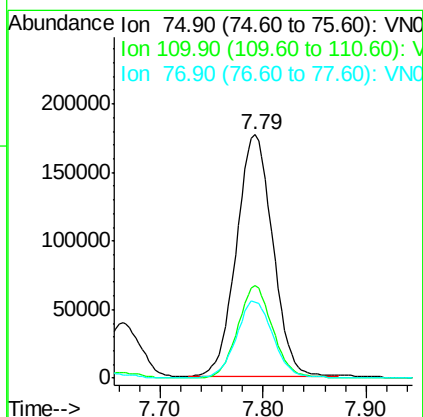
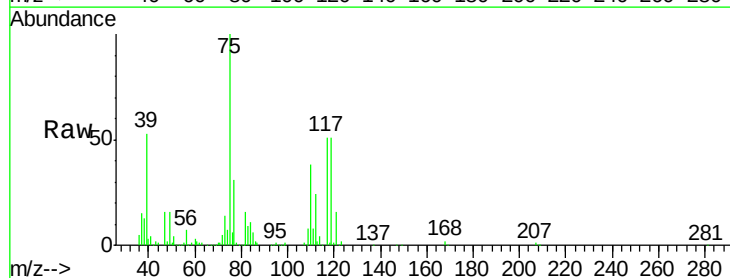
Instrument :  
MSVOA\_N  
ClientSampleId :

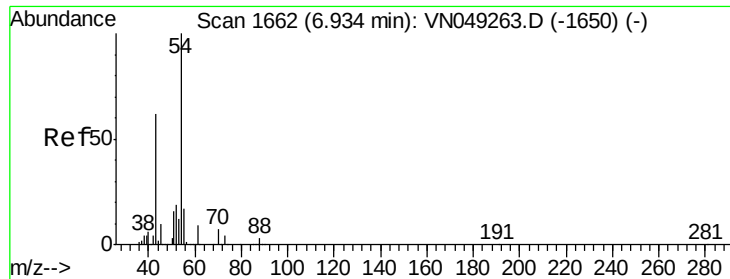
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.1 | 82.4  | 123.6 |
| 192     | 21.8  | 15.0  | 22.6  |



#36  
1,1-Dichloropropene  
Concen: 18.58 ug/l  
RT: 7.79 min Scan# 1929  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.1  | 17.0  | 50.9  |
| 77      | 31.8  | 24.4  | 36.6  |

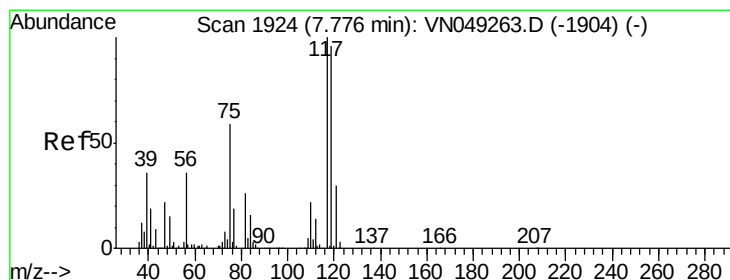
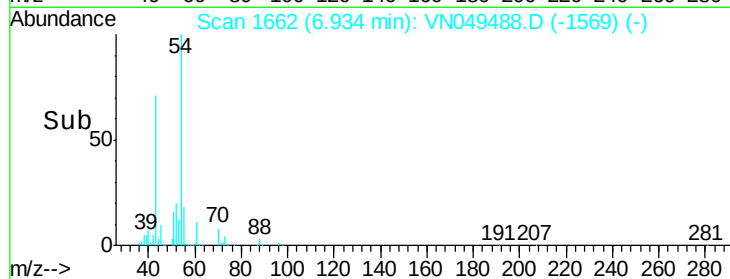
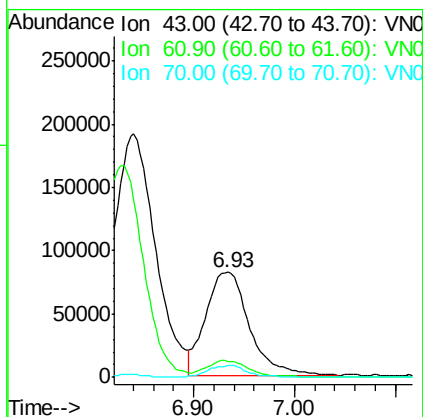
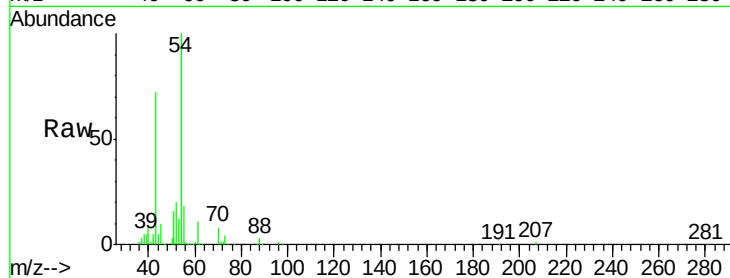




#37  
Ethyl Acetate  
Concen: 19.48 ug/l  
RT: 6.93 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

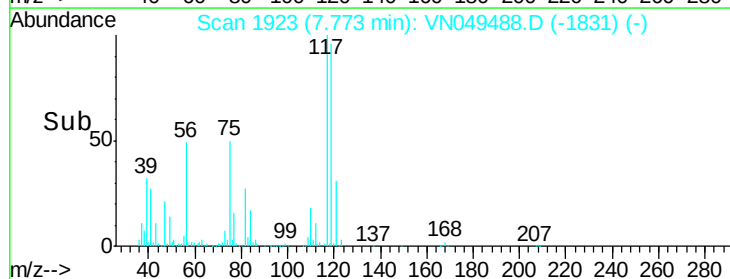
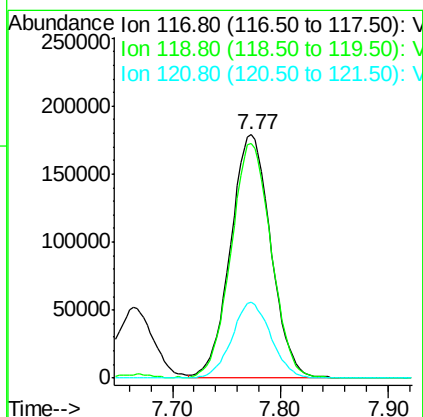
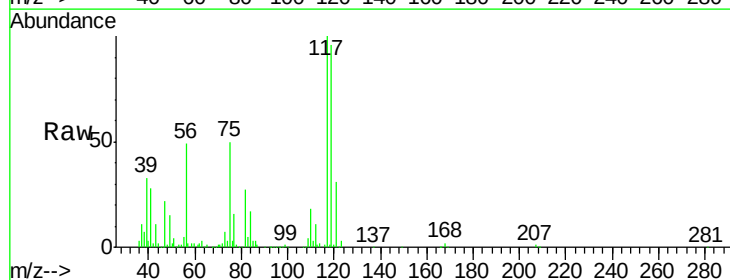
Instrument :  
MSVOA\_N  
ClientSampled :

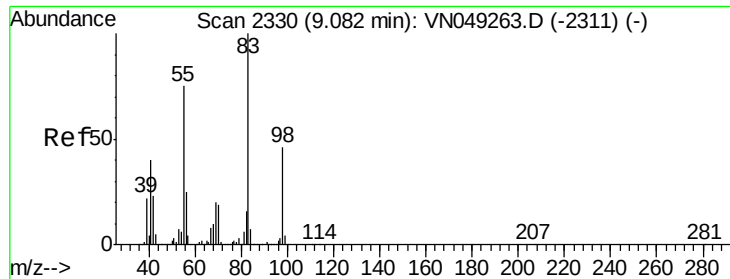
Tot Ion: 43 Resp: 247129  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.0 16.4  
70 9.9 7.2 10.8



#38  
Carbon Tetrachloride  
Concen: 19.11 ug/l  
RT: 7.77 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion: 117 Resp: 461673  
Ion Ratio Lower Upper  
117 100  
119 96.3 75.6 113.4  
121 31.3 24.7 37.1

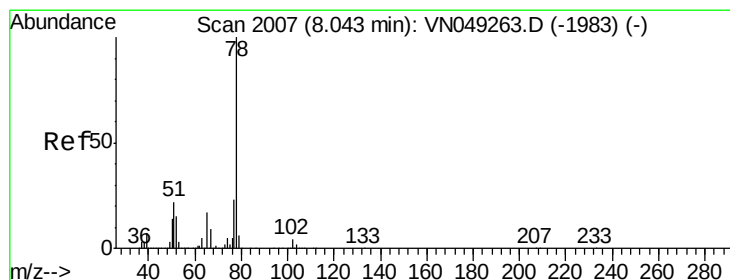
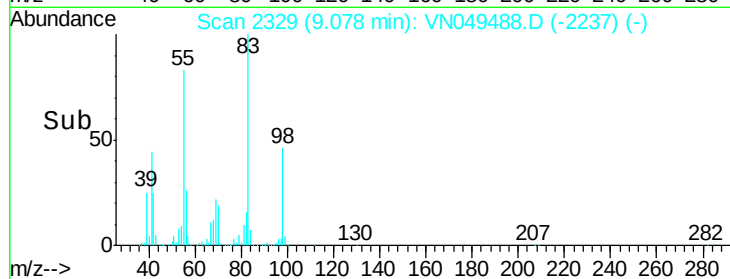
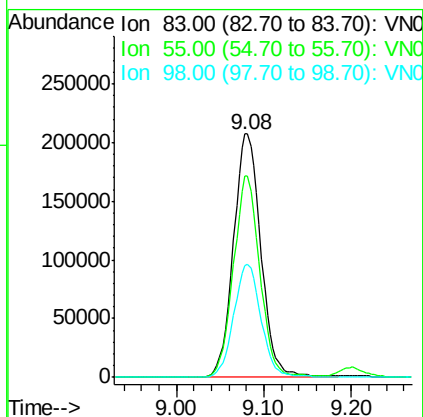
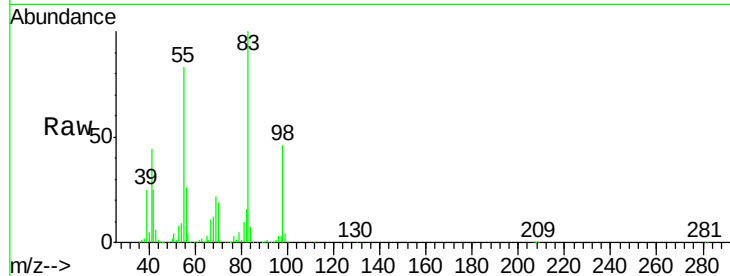




#39  
Methylvlcyclohexane  
Concen: 18.03 ug/l  
RT: 9.08 min Scan# 2329  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

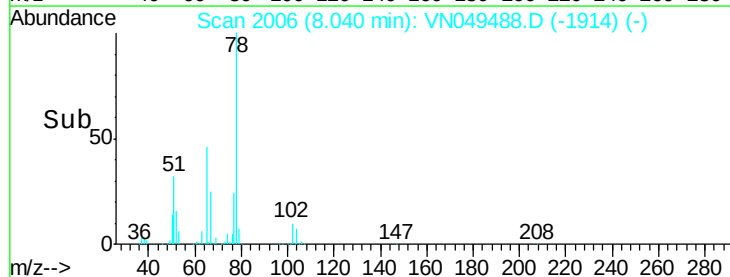
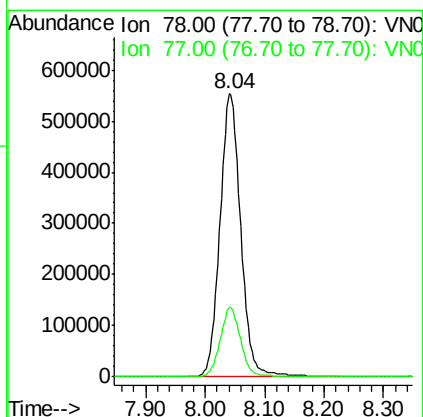
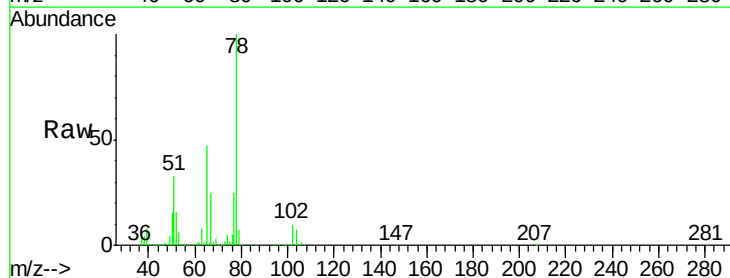
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 451636  
Ion Ratio Lower Upper  
83 100  
55 82.7 65.1 97.7  
98 45.8 36.5 54.7

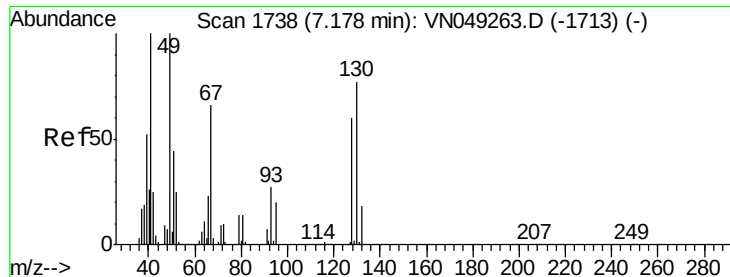


#40  
Benzene  
Concen: 18.70 ug/l  
RT: 8.04 min Scan# 2006  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion: 78 Resp: 1337761  
Ion Ratio Lower Upper  
78 100  
77 24.7 19.4 29.0







#41

Methacrylonitrile

Concen: 19.90 ug/l

RT: 7.18 min Scan# 1739

Delta R.T. 0.00 min

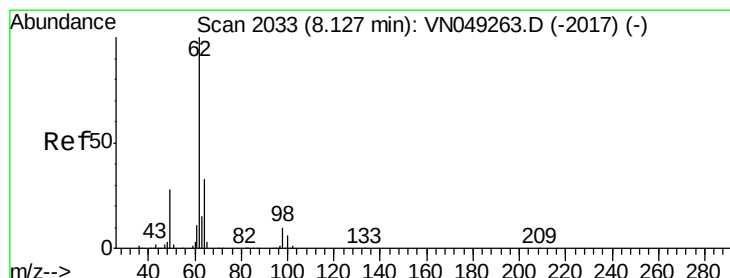
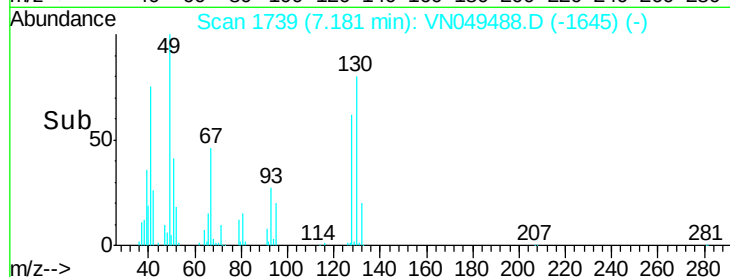
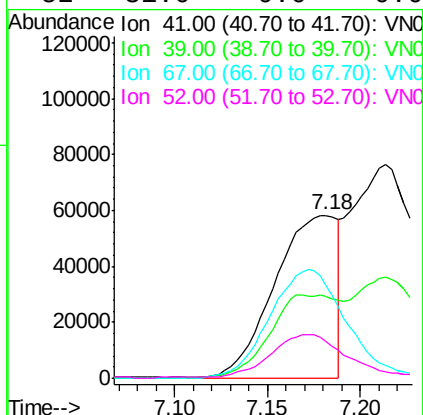
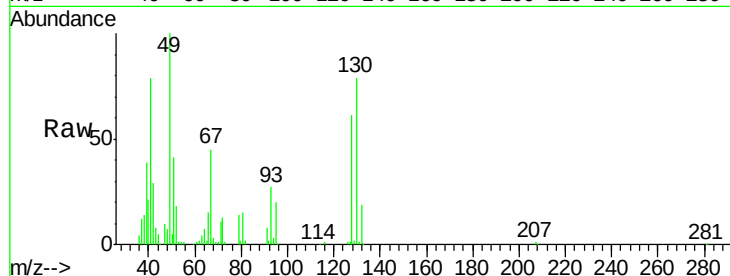
Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 136527

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.0  | 0.0   | 0.0#  |
| 67  | 82.2  | 0.0   | 0.0#  |
| 52  | 31.0  | 0.0   | 0.0#  |



#42

1,2-Dichloroethane

Concen: 19.19 ug/l

RT: 8.13 min Scan# 2033

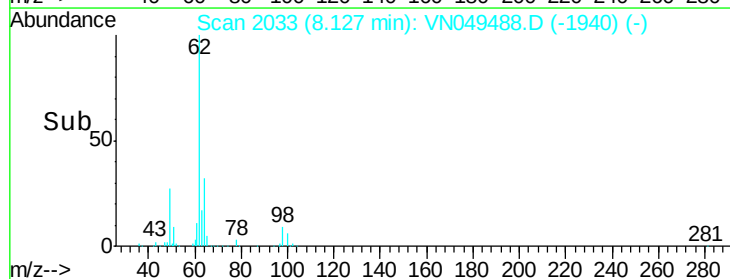
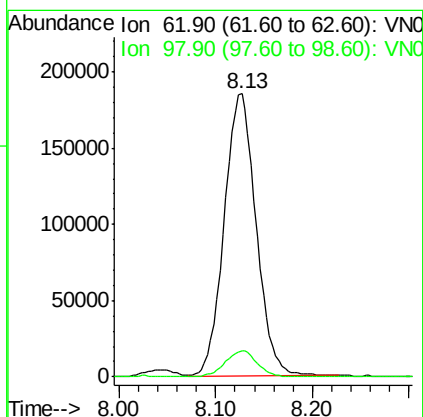
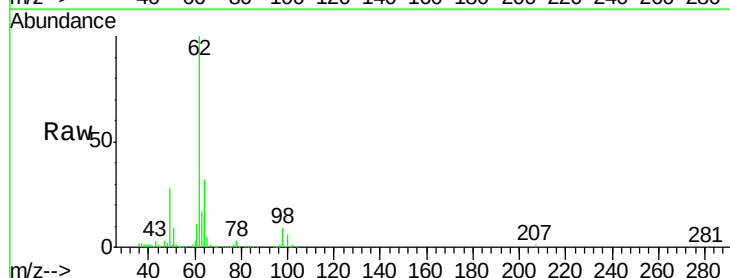
Delta R.T. 0.00 min

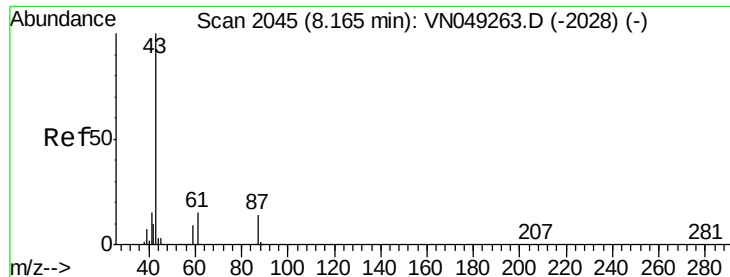
Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion: 62 Resp: 424290

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 16.2  |





#43

Isopropyl Acetate

Concen: 18.52 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampleId :

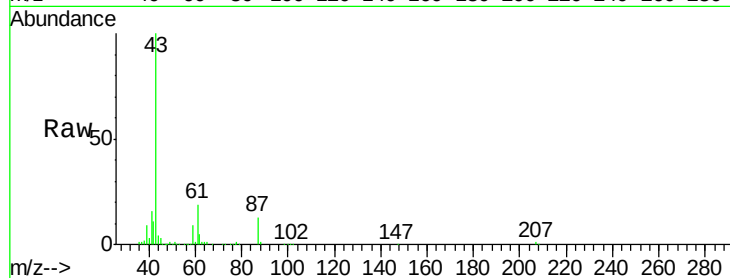
Tot Ion: 43 Resp: 448915

Ion Ratio Lower Upper

43 100

61 18.4 14.2 21.4

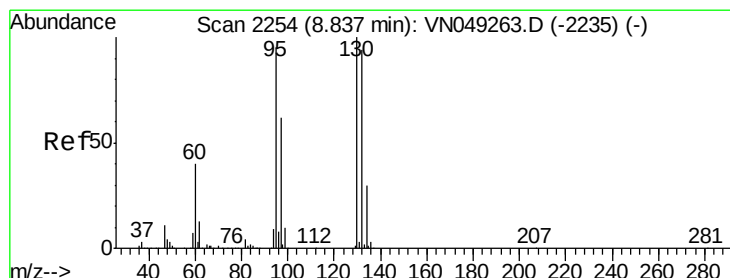
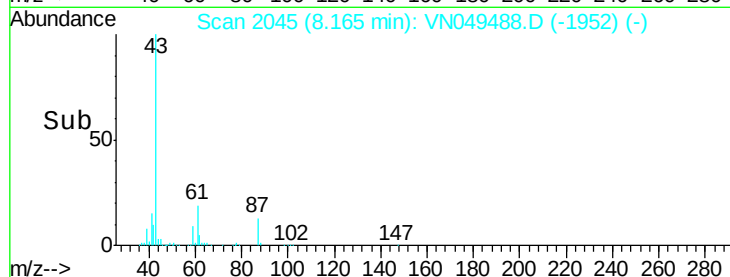
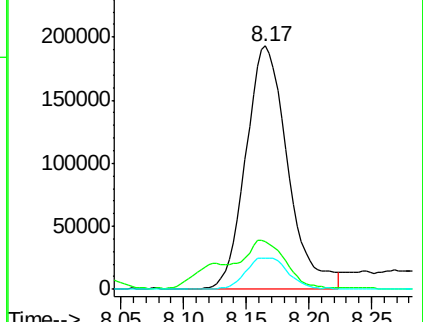
87 13.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)



#44

Trichloroethene

Concen: 19.27 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049488.D

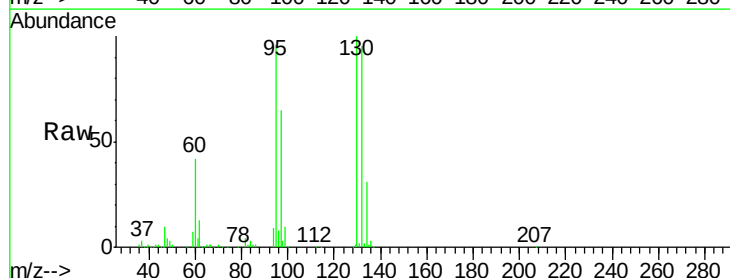
Acq: 22 Jun 2018 13:47

Tgt Ion:130 Resp: 364144

Ion Ratio Lower Upper

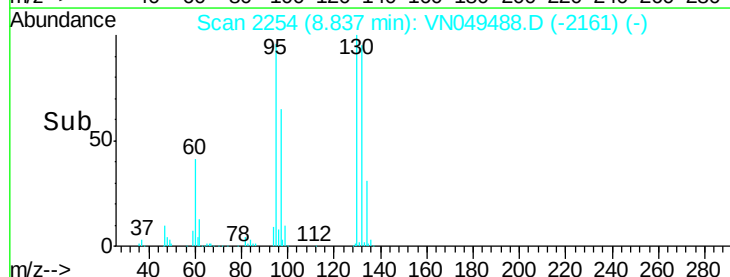
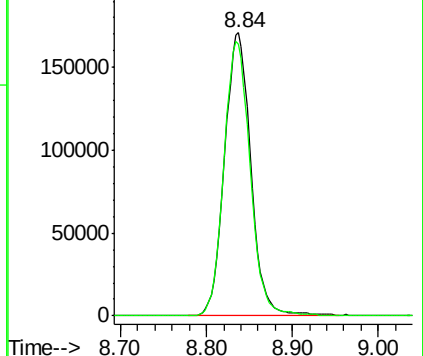
130 100

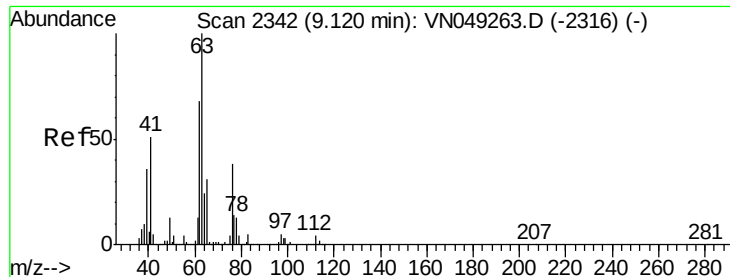
95 96.1 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049263.D (-2235) (-)

Ion 94.90 (94.60 to 95.60): VN049263.D (-2235) (-)

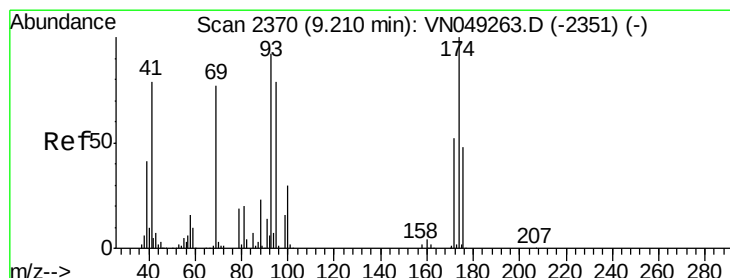
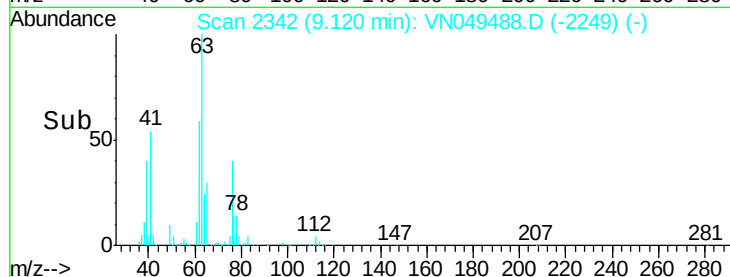
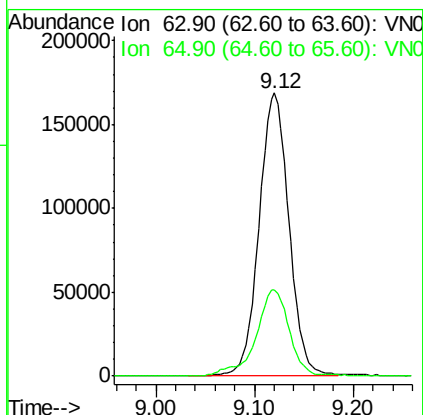
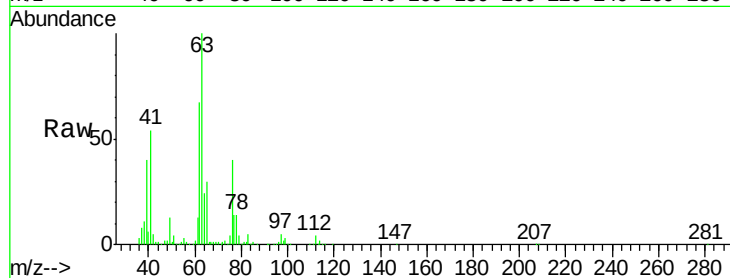




#45  
 1,2-Dichloropropane  
 Concen: 18.81 ug/l  
 RT: 9.12 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

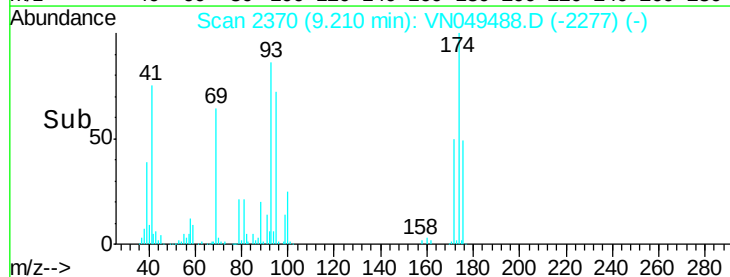
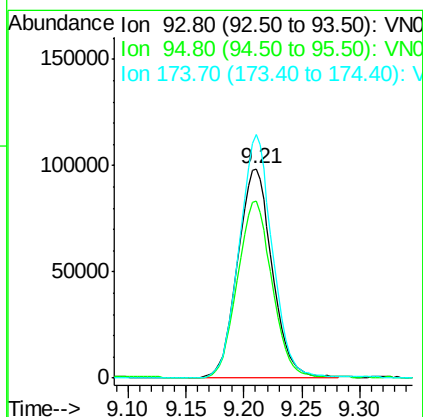
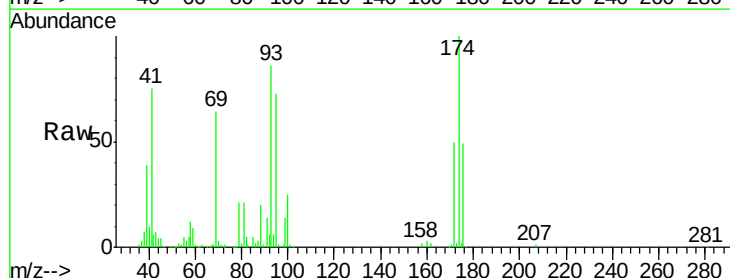
Instrument :  
 MSVOA\_N  
 ClientSampleId :

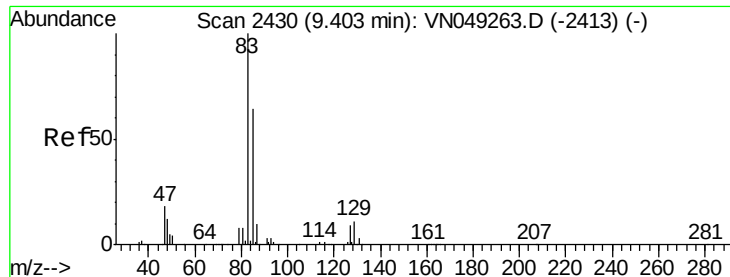
Tot Ion: 63 Resp: 352468  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 24.8 37.2



#46  
 Dibromomethane  
 Concen: 18.85 ug/l  
 RT: 9.21 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Tgt Ion: 93 Resp: 204784  
 Ion Ratio Lower Upper  
 93 100  
 95 84.8 67.2 100.8  
 174 111.8 75.6 113.4





#47

Bromodichloromethane

Concen: 18.99 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :  
MSVOA\_N  
ClientSampled :

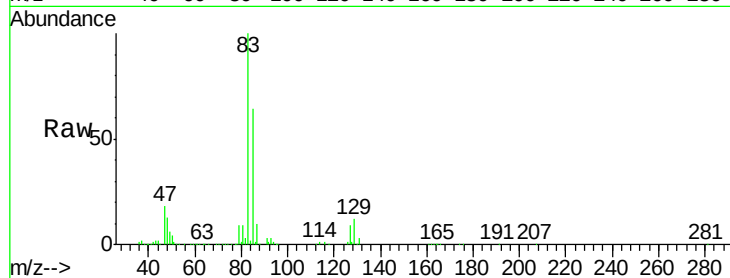
Tot Ion: 83 Resp: 453387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.2  | 49.4  | 74.0  |
| 127 | 8.7   | 6.3   | 9.5   |

83 100

85 64.2 49.4 74.0

127 8.7 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049488.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049488.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049488.D (-2337) (-)

9.40

250000

200000

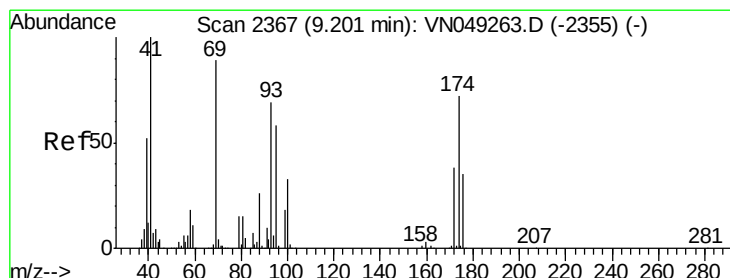
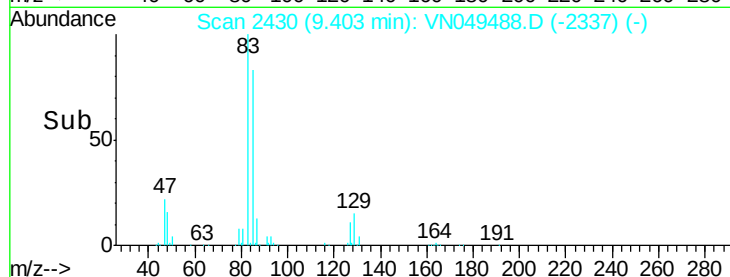
150000

100000

50000

0

Time-->



#48

Methyl methacrylate

Concen: 19.32 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

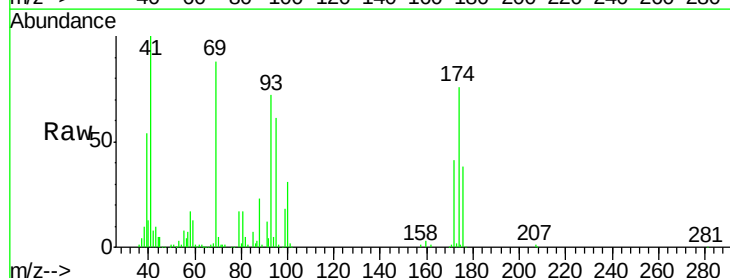
Tgt Ion: 41 Resp: 220570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 86.8  | 62.0  | 93.0  |
| 39  | 53.3  | 50.6  | 75.8  |

41 100

69 86.8 62.0 93.0

39 53.3 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN049488.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049488.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049488.D (-2274) (-)

9.20

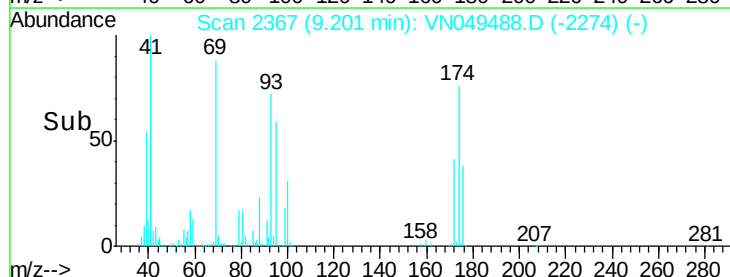
150000

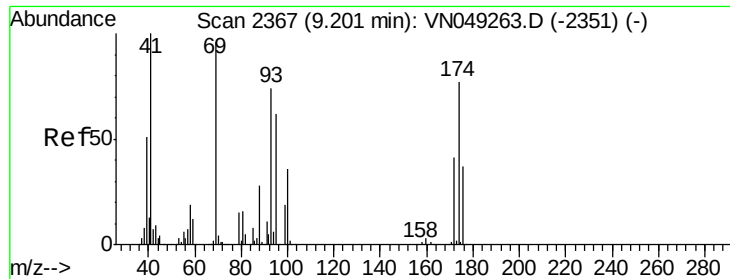
100000

50000

0

Time-->

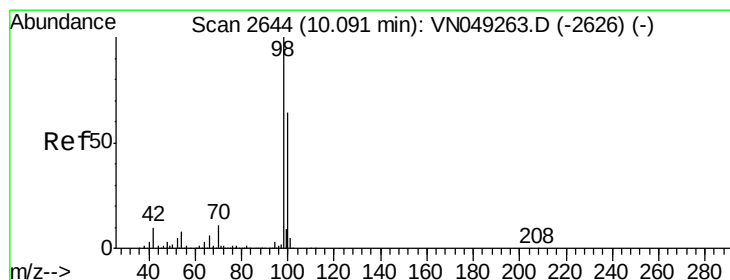
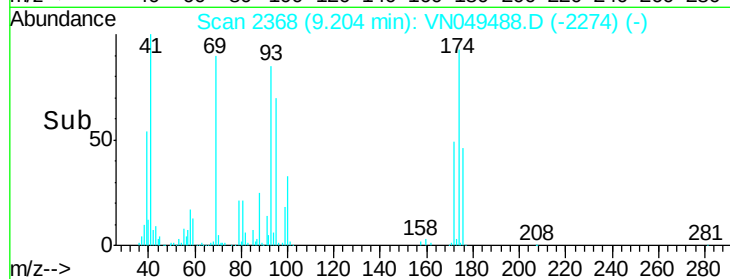
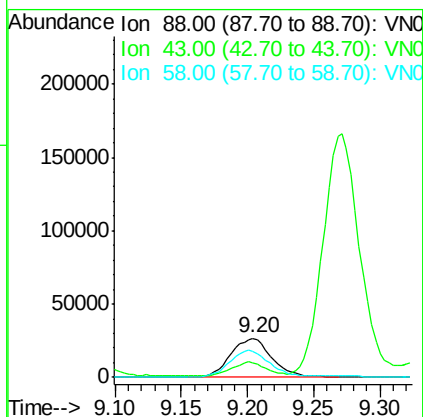
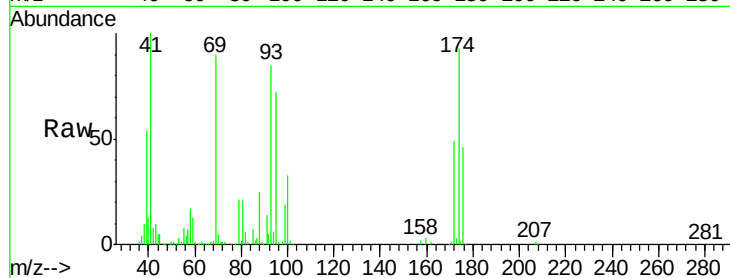




#49  
 1,4-Dioxane  
 Concen: 367.24 ug/l  
 RT: 9.20 min Scan# 2368  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

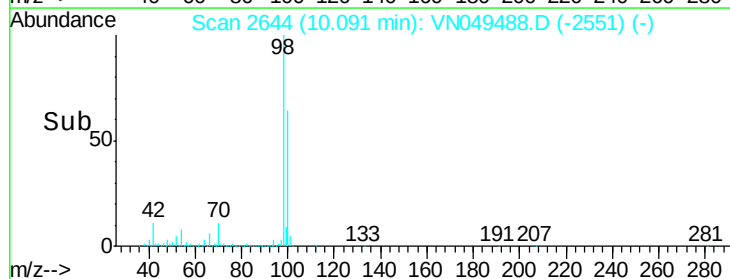
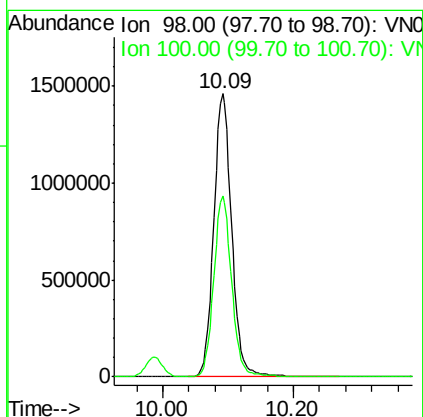
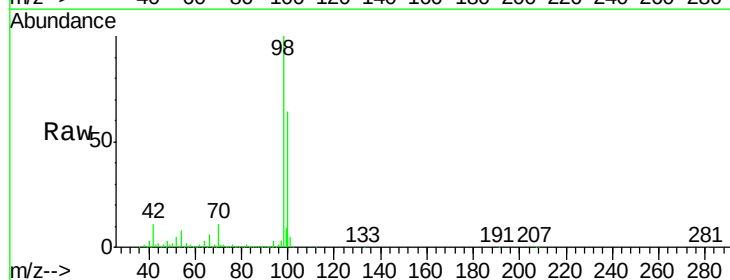
Instrument :  
 MSVOA\_N  
 ClientSampleId :

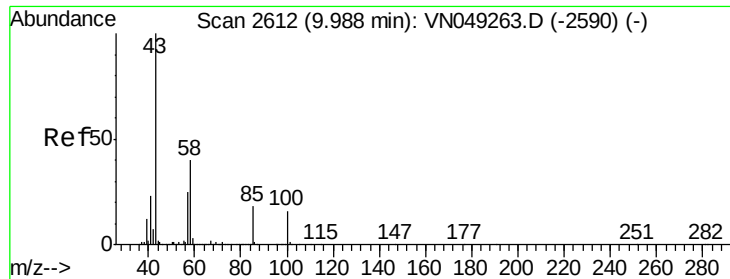
Tot Ion: 88 Resp: 57863  
 Ion Ratio Lower Upper  
 88 100  
 43 29.6 30.9 46.3#  
 58 68.3 58.9 88.3



#50  
 Toluene-d8  
 Concen: 44.59 ug/l  
 RT: 10.09 min Scan# 2644  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Tgt Ion: 98 Resp: 2797295  
 Ion Ratio Lower Upper  
 98 100  
 100 64.0 49.8 74.8

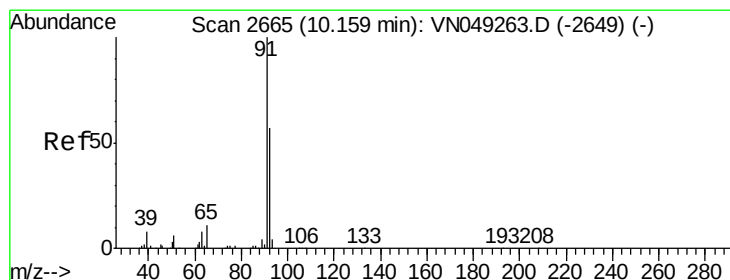
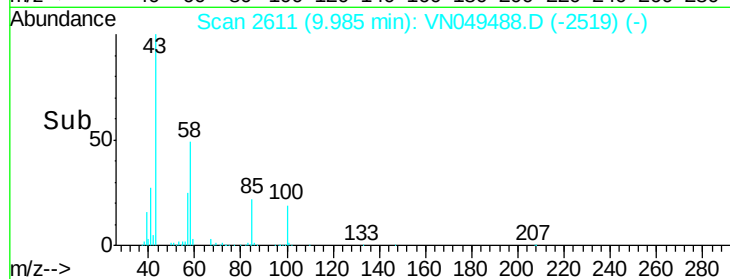
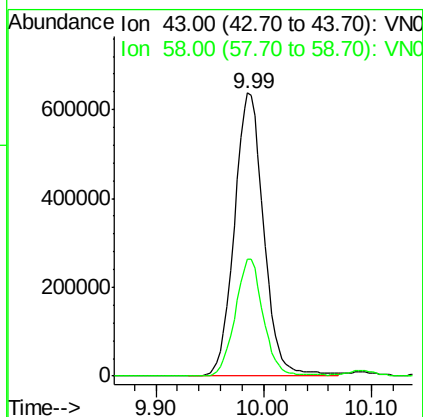
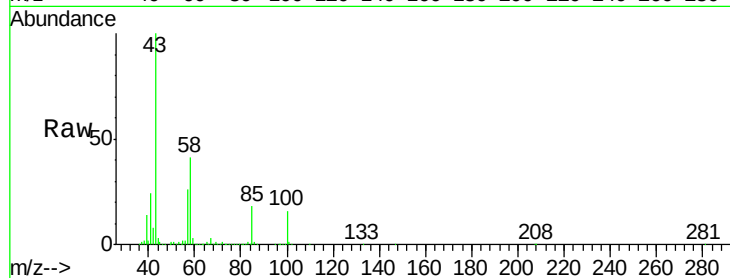




#51  
4-Methyl-2-Pentanone  
Concen: 95.15 ug/l  
RT: 9.99 min Scan# 2611  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

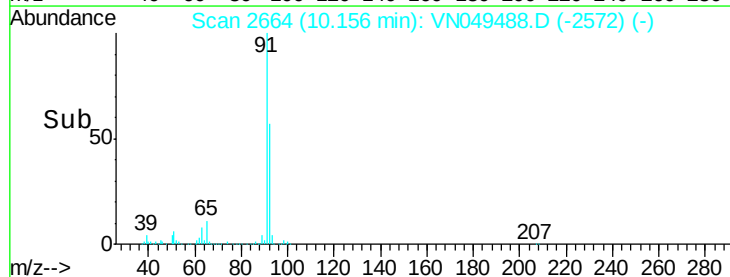
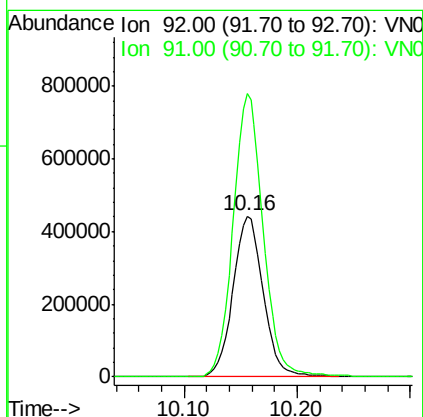
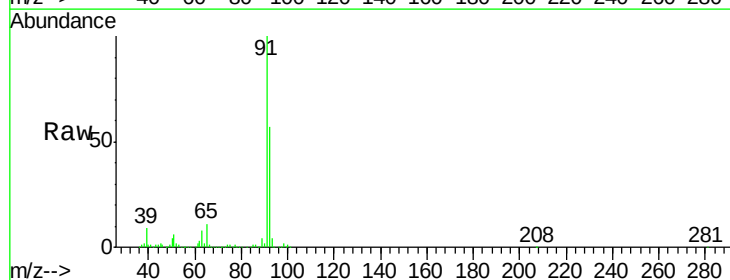
Instrument :  
MSVOA\_N  
ClientSampled :

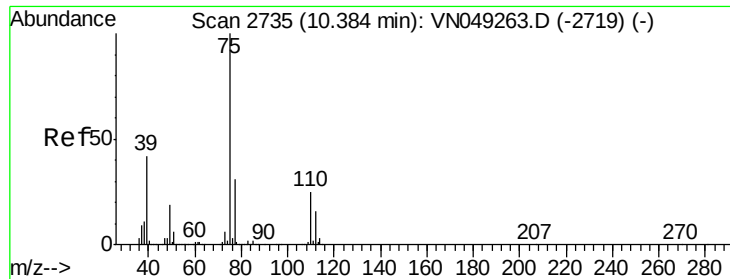
Tot Ion: 43 Resp: 1208869  
Ion Ratio Lower Upper  
43 100  
58 39.8 29.0 43.6



#52  
Toluene  
Concen: 19.58 ug/l  
RT: 10.16 min Scan# 2664  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion: 92 Resp: 822091  
Ion Ratio Lower Upper  
92 100  
91 175.5 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 18.27 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

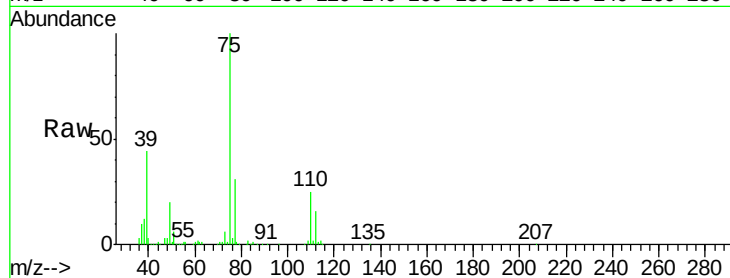
ClientSampled :

Tot Ion: 75 Resp: 417281

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

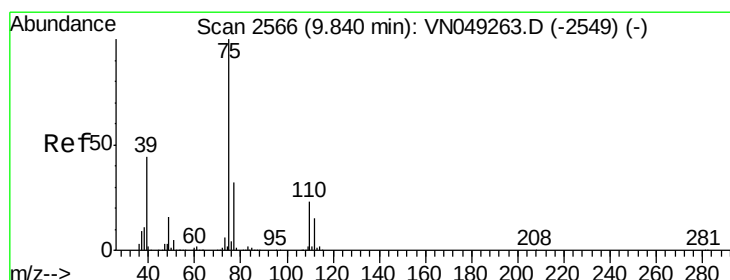
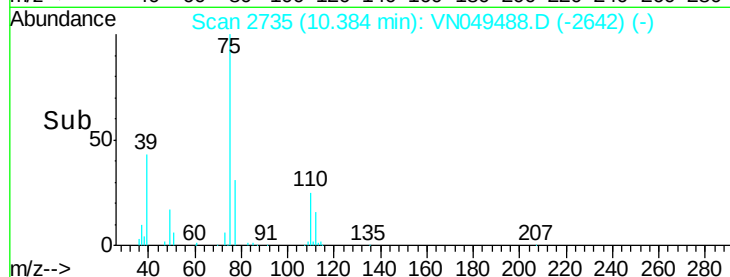
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

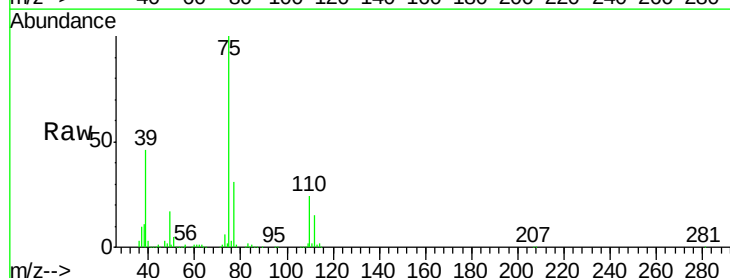
Tgt Ion: 75 Resp: 497363

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 45.5 45.1 67.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

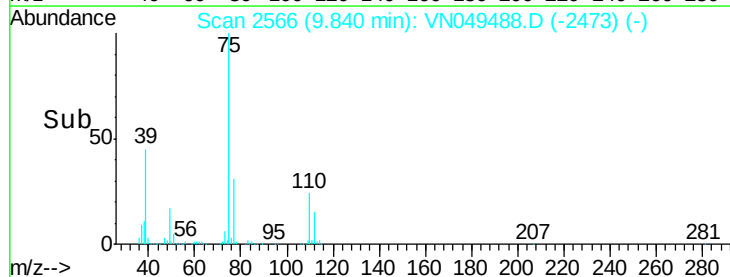
300000

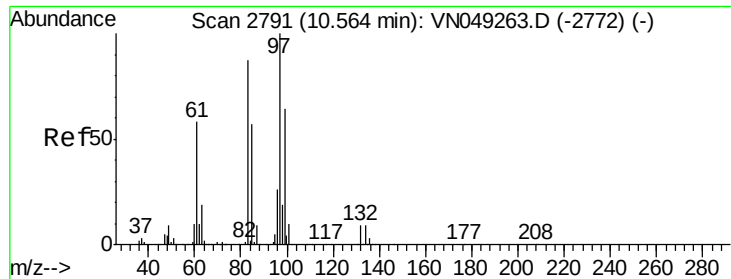
200000

100000

0

Time-->

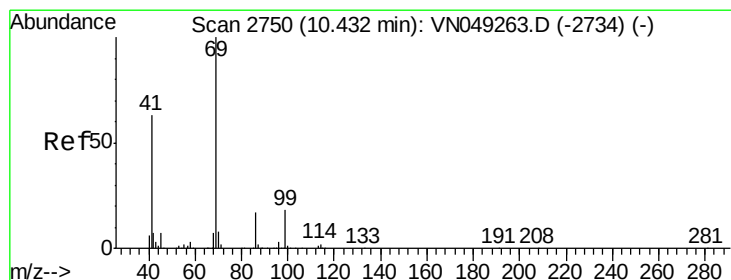
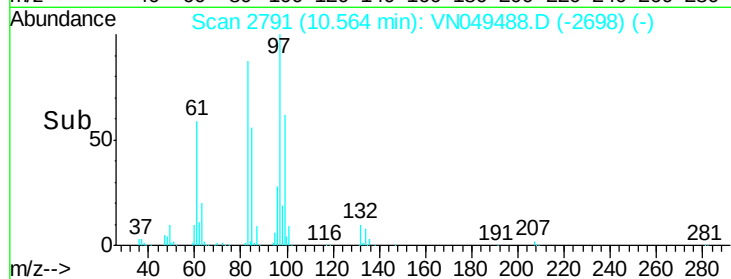
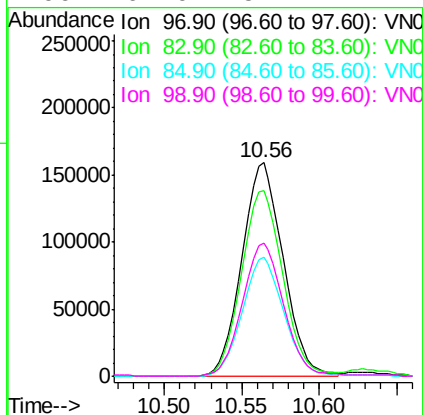
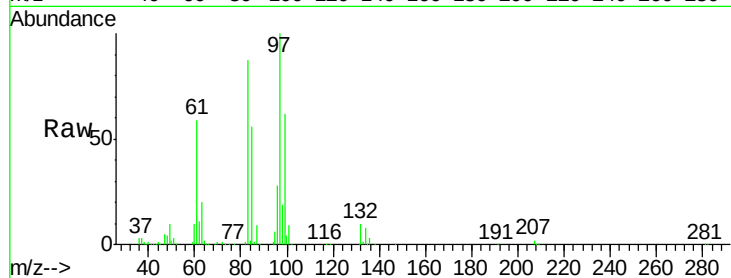




#55  
 1,1,2-Trichloroethane  
 Concen: 18.90 ug/l  
 RT: 10.56 min Scan# 2791  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

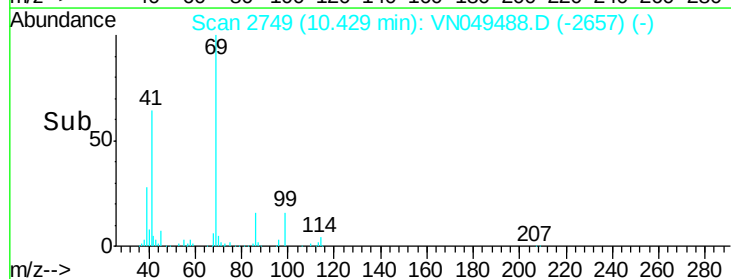
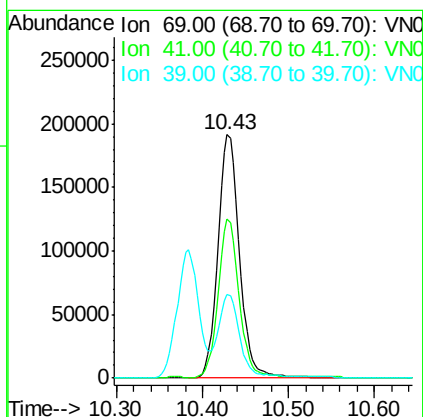
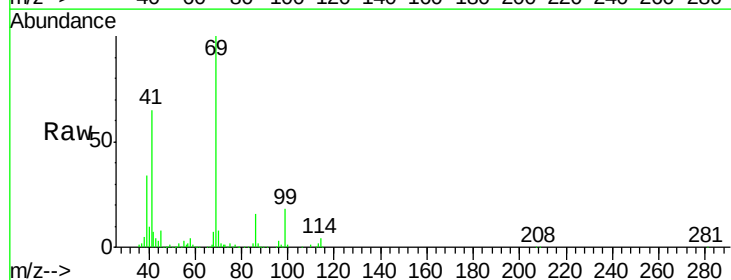
Instrument :  
 MSVOA\_N  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 295855 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.6  | 71.5  | 107.3  |
| 85       | 55.6  | 47.0  | 70.4   |
| 99       | 62.0  | 51.4  | 77.2   |

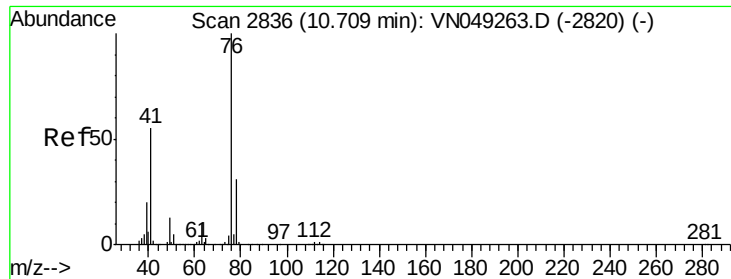


#56  
 Ethyl methacrylate  
 Concen: 18.50 ug/l  
 RT: 10.43 min Scan# 2749  
 Delta R.T. -0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 334116 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.1  | 58.4  | 87.6   |
| 39       | 33.1  | 35.5  | 53.3#  |



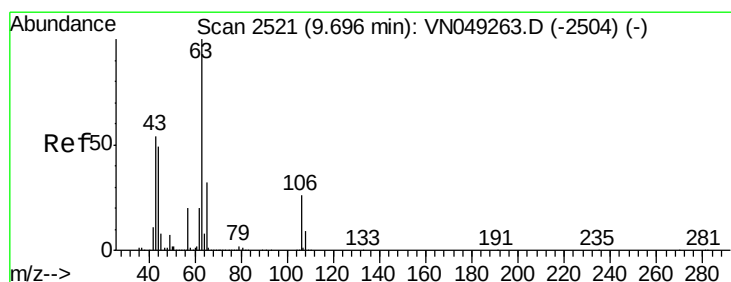
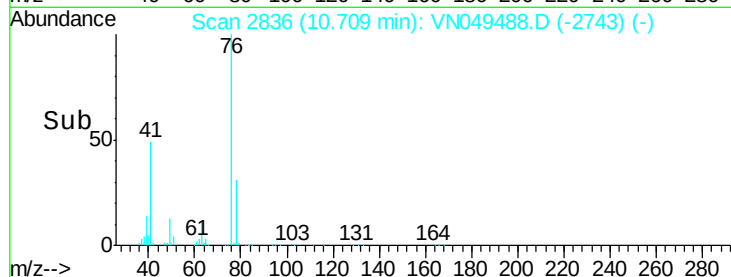
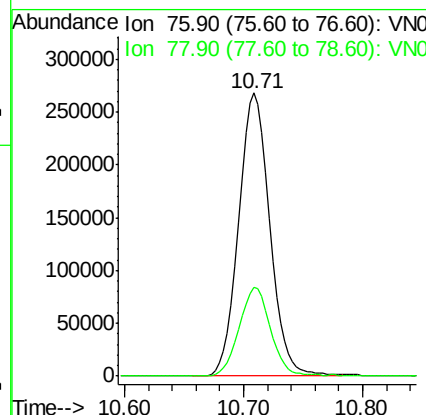
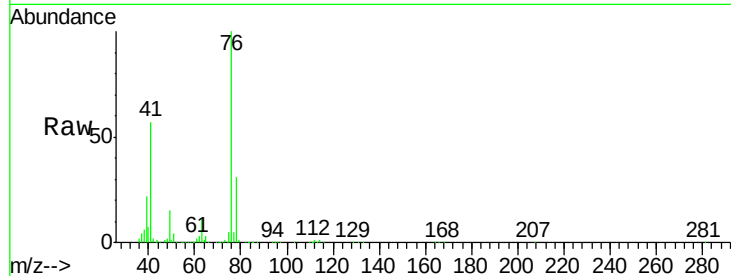




#57  
 1,3-Dichloropropane  
 Concen: 18.80 ug/l  
 RT: 10.71 min Scan# 2836  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

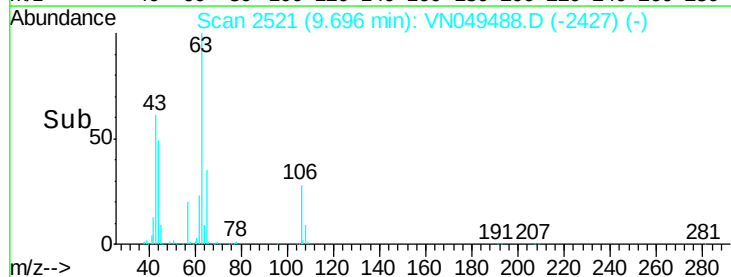
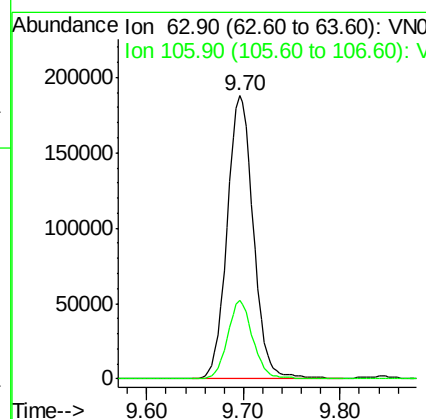
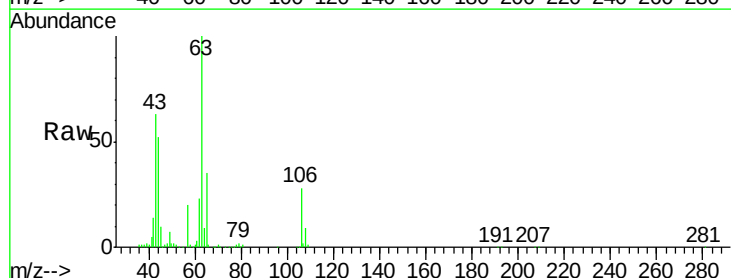
Instrument :  
 MSVOA\_N  
 ClientSampled :

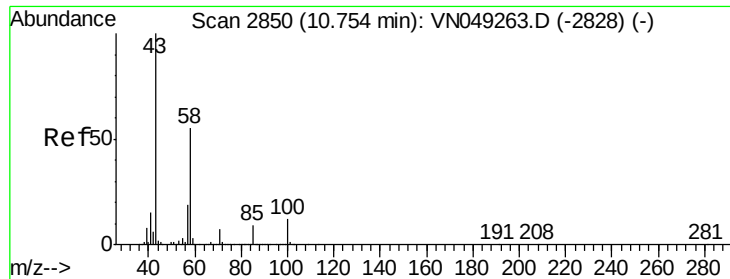
Tot Ion: 76 Resp: 487620  
 Ion Ratio Lower Upper  
 76 100  
 78 31.6 26.3 39.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 65.99 ug/l  
 RT: 9.70 min Scan# 2521  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Tgt Ion: 63 Resp: 353854  
 Ion Ratio Lower Upper  
 63 100  
 106 26.6 19.4 29.2

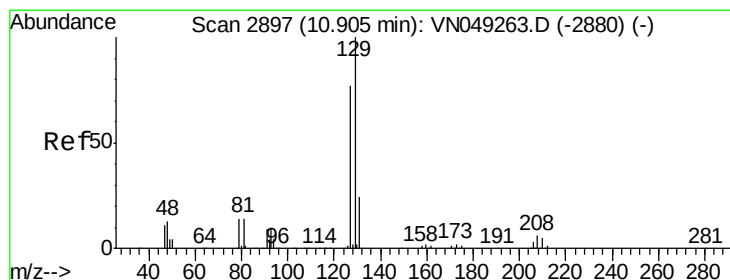
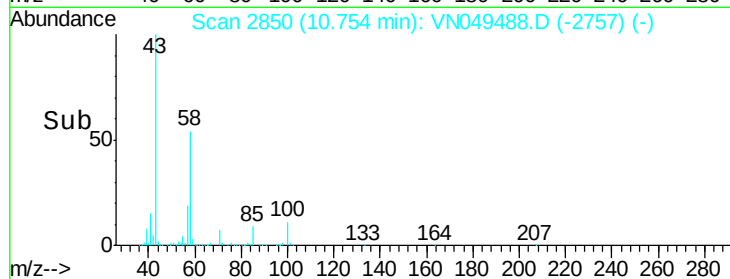
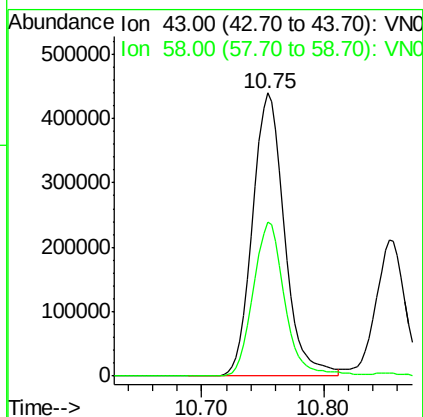
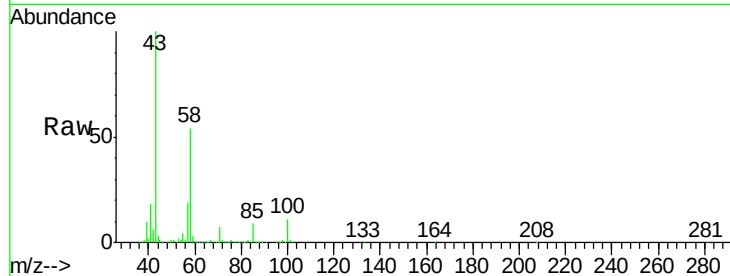




#59  
2-Hexanone  
Concen: 96.28 ug/l  
RT: 10.75 min Scan# 2850  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

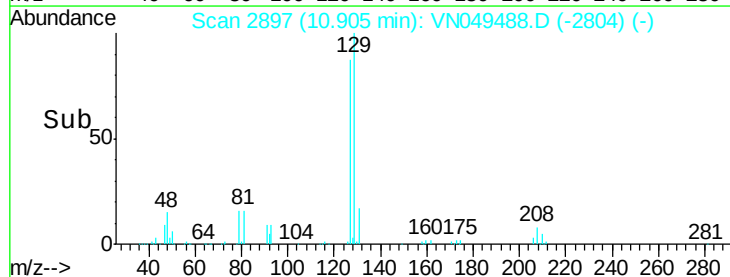
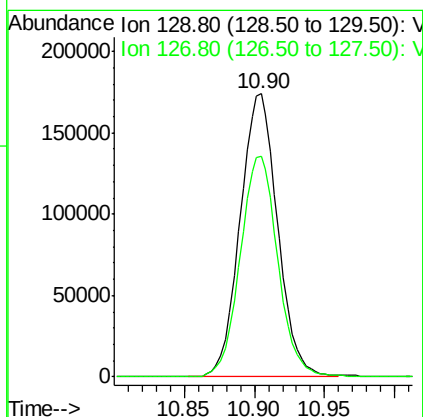
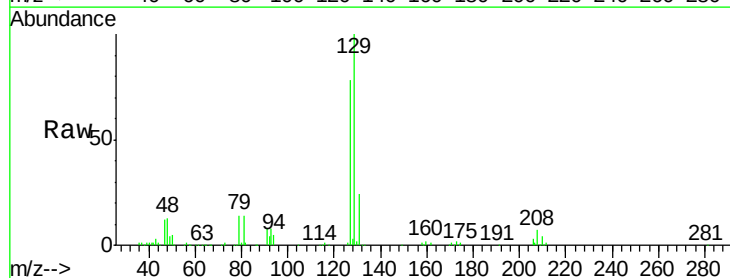
Instrument :  
MSVOA\_N  
ClientSampled :

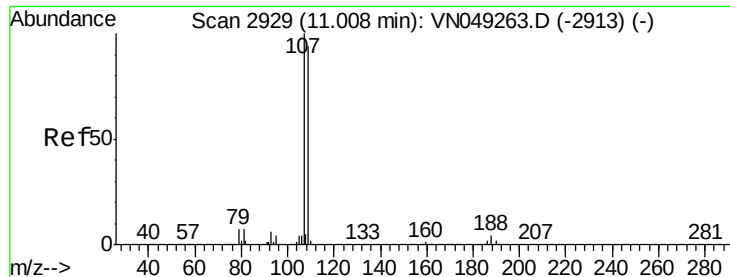
Tot Ion: 43 Resp: 788692  
Ion Ratio Lower Upper  
43 100  
58 53.9 25.2 75.6



#60  
Dibromochloromethane  
Concen: 18.51 ug/l  
RT: 10.90 min Scan# 2897  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion: 129 Resp: 323443  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.1 117.2

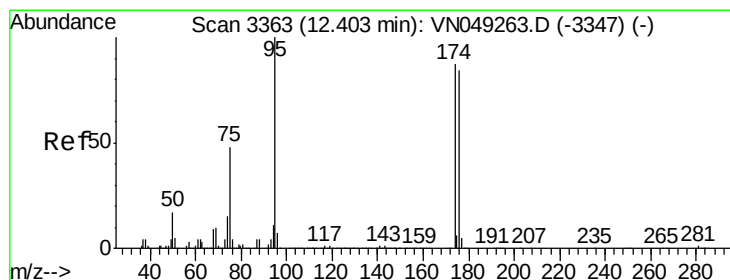
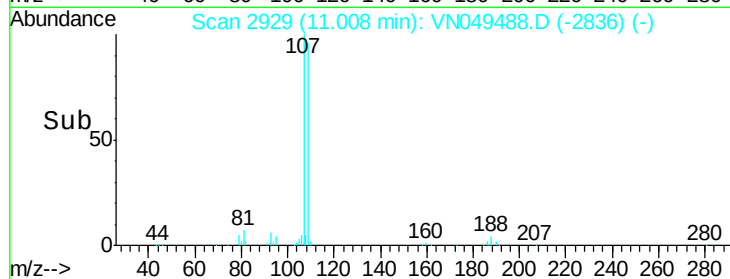
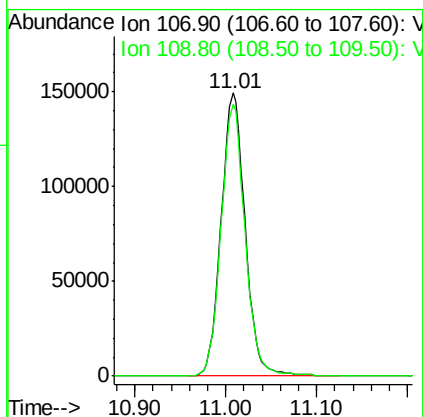
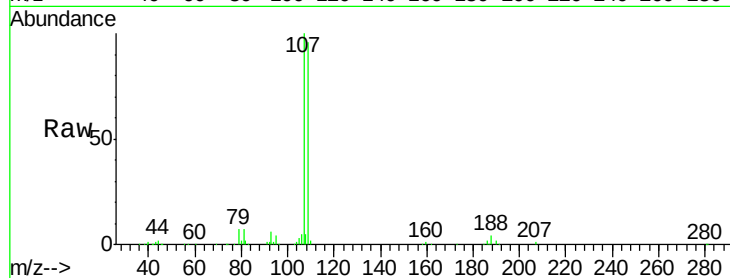




#61  
 1,2-Dibromoethane  
 Concen: 18.84 ug/l  
 RT: 11.01 min Scan# 2929  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

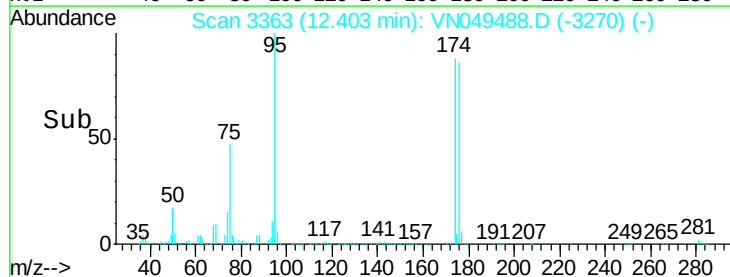
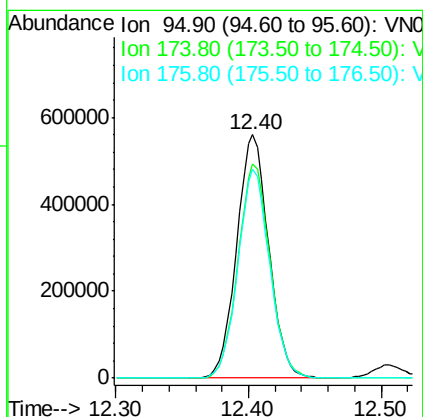
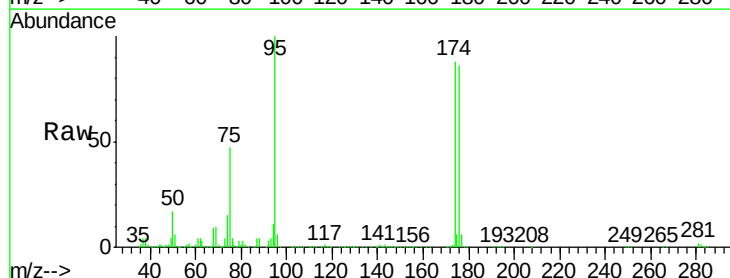
Instrument :  
 MSVOA\_N  
 ClientSampleId :

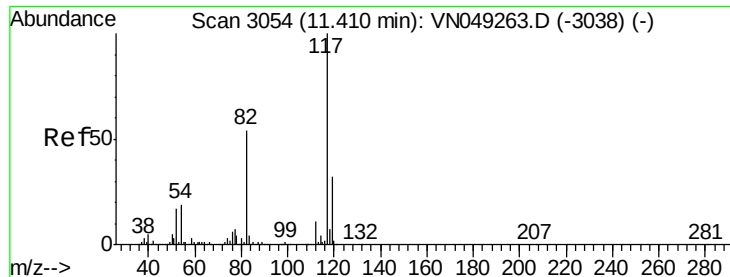
Tot Ion: 107 Resp: 274210  
 Ion Ratio Lower Upper  
 107 100  
 109 95.2 75.4 113.2



#62  
 4-Bromofluorobenzene  
 Concen: 45.14 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Tgt Ion: 95 Resp: 936393  
 Ion Ratio Lower Upper  
 95 100  
 174 88.5 0.0 165.6  
 176 85.3 0.0 157.4

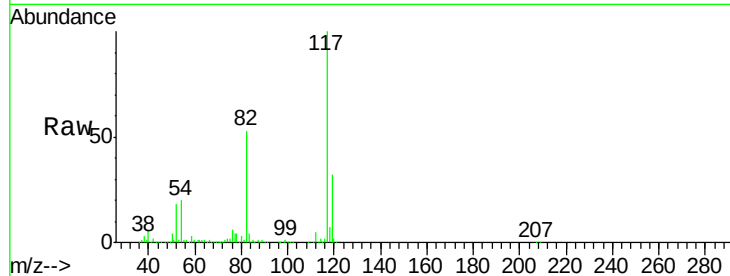




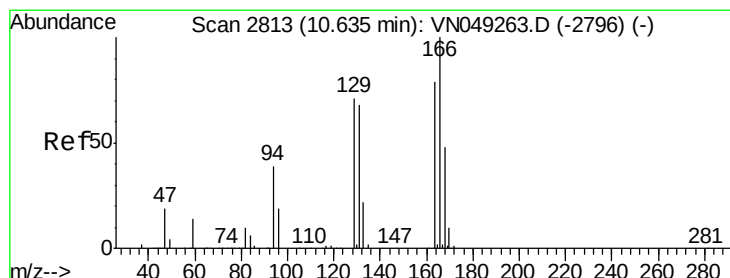
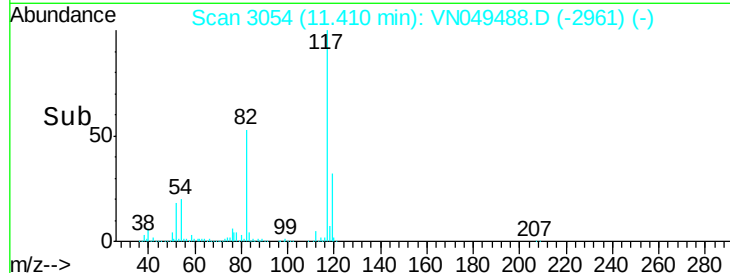
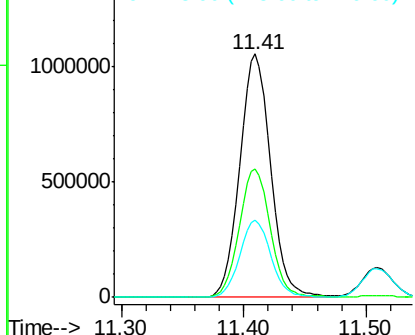
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1841526  
Ion Ratio Lower Upper  
117 100  
82 53.0 45.9 68.9  
119 31.7 25.5 38.3

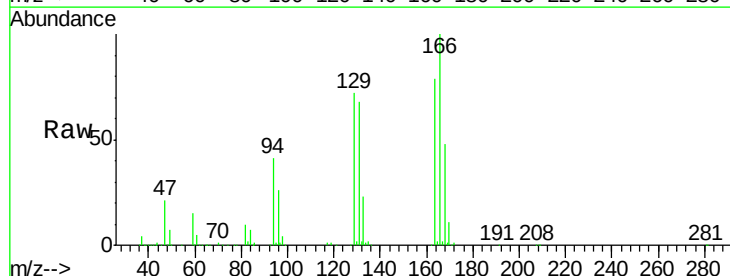


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

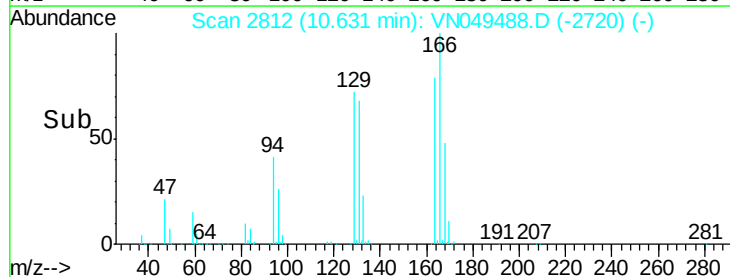
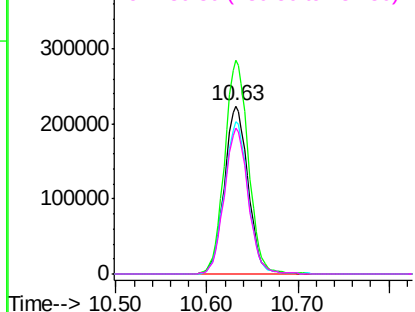


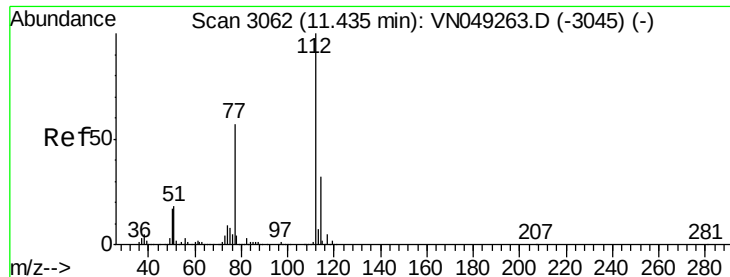
#64  
Tetrachloroethene  
Concen: 21.47 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion:164 Resp: 405088  
Ion Ratio Lower Upper  
164 100  
166 127.1 101.4 152.2  
129 90.9 74.1 111.1  
131 86.6 73.7 110.5



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

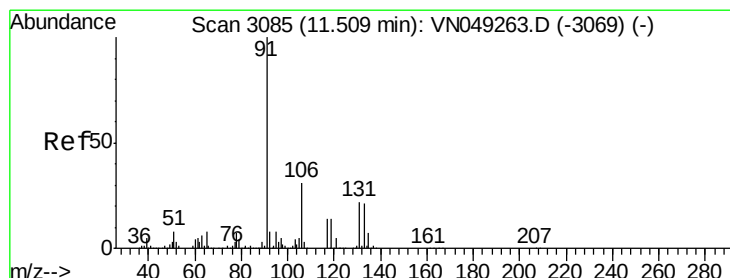
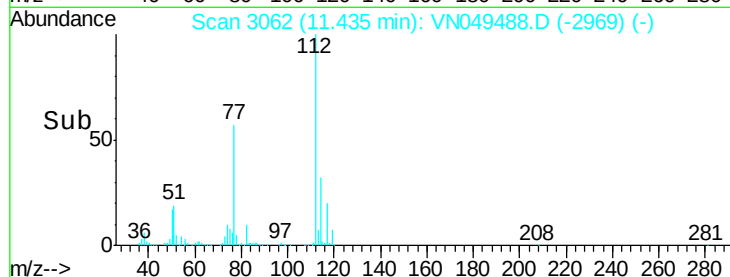
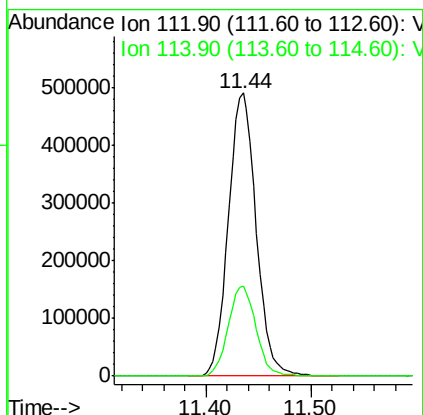
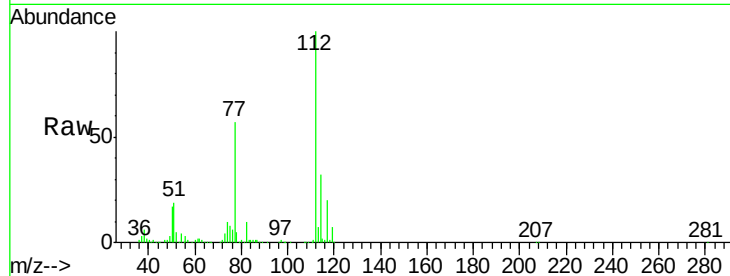




#65  
Chlorobenzene  
Concen: 18.82 ug/l  
RT: 11.44 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

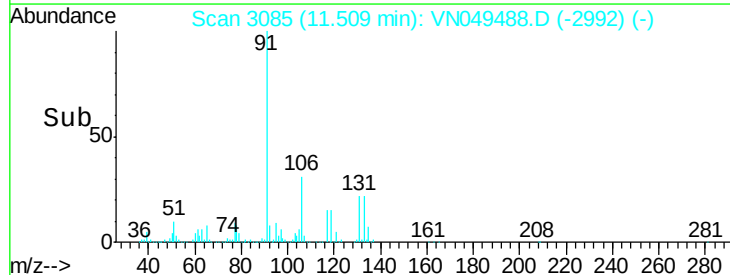
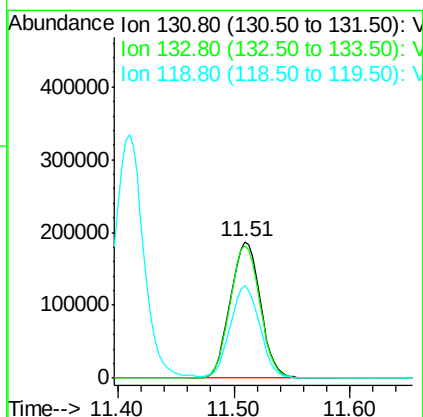
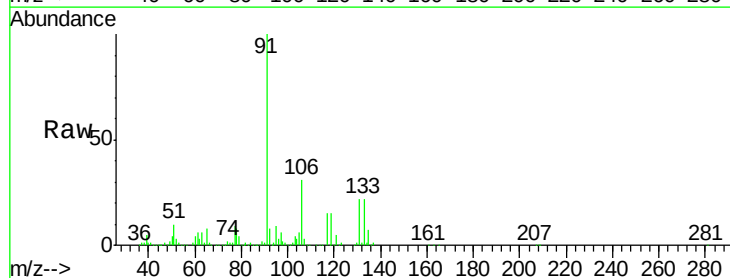
Instrument :  
MSVOA\_N  
ClientSampled :

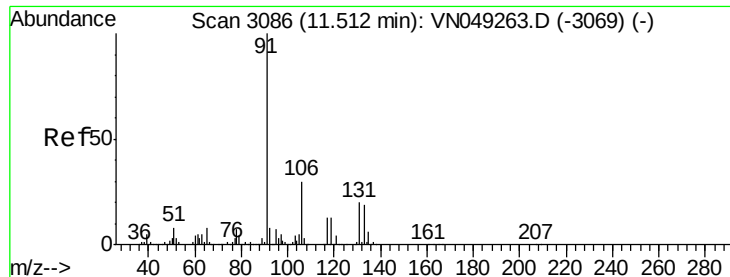
Tot Ion:112 Resp: 893006  
Ion Ratio Lower Upper  
112 100  
114 31.8 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.74 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion:131 Resp: 334479  
Ion Ratio Lower Upper  
131 100  
133 96.8 48.0 144.2  
119 67.0 33.6 100.8





#67

Ethyl Benzene

Concen: 18.95 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

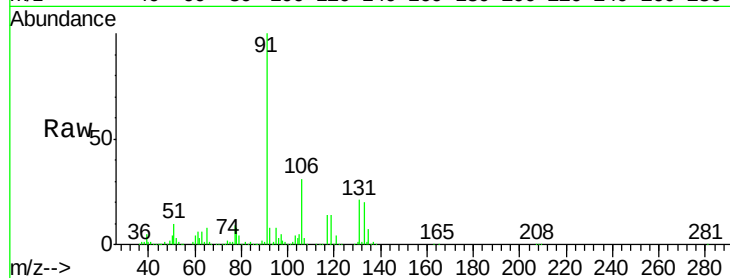
ClientSampled :

Tot Ion: 91 Resp: 1490858

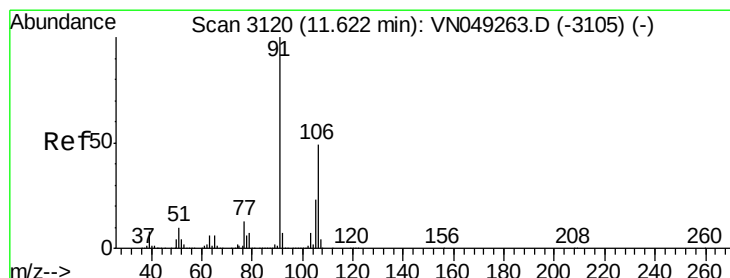
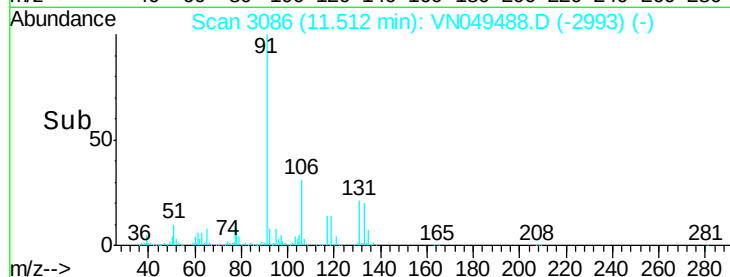
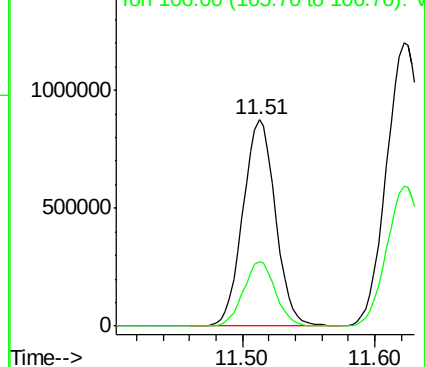
Ion Ratio Lower Upper

91 100

106 31.4 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3069) (-)



#68

m/p-Xylenes

Concen: 38.79 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049488.D

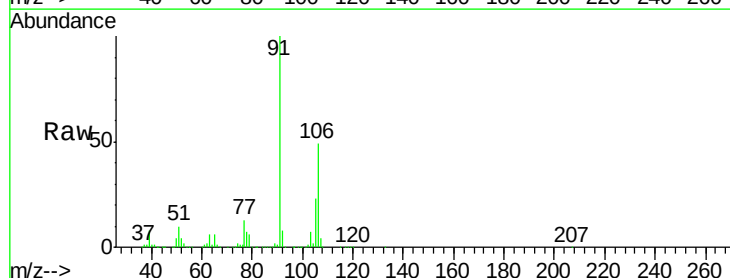
Acq: 22 Jun 2018 13:47

Tgt Ion: 106 Resp: 1145614

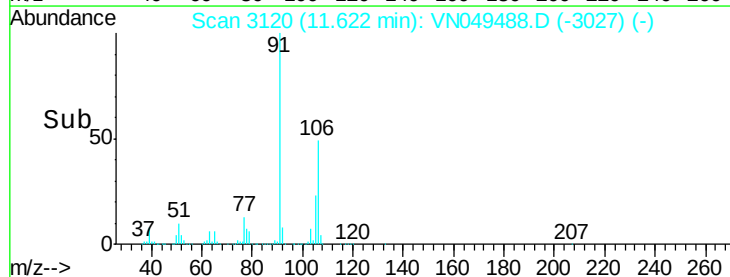
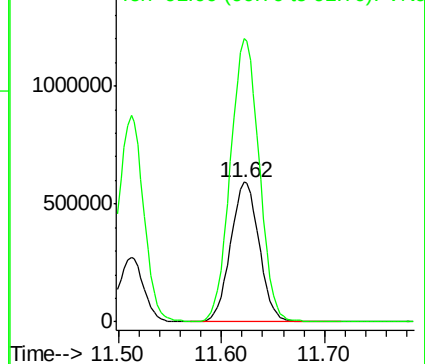
Ion Ratio Lower Upper

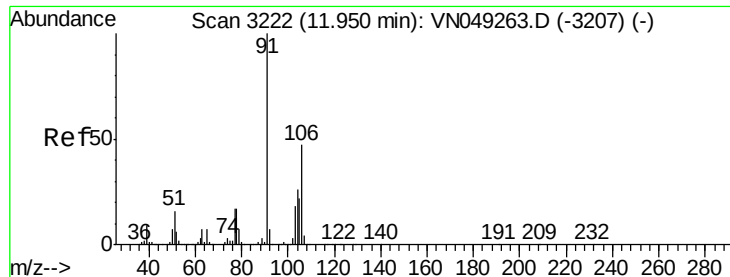
106 100

91 203.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049263.D (-3105) (-)

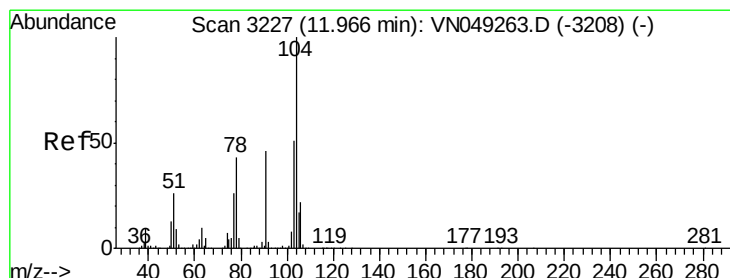
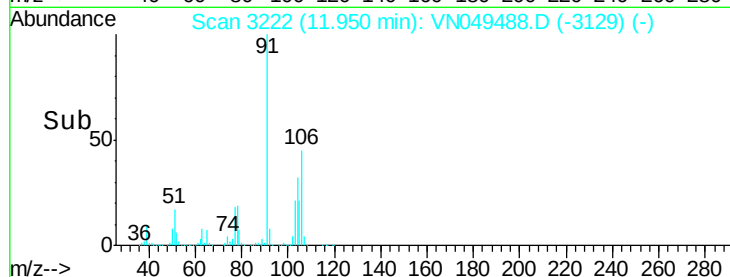
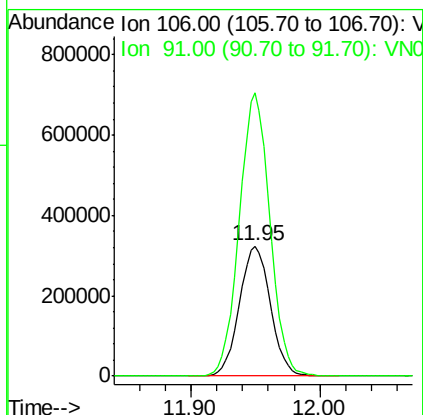
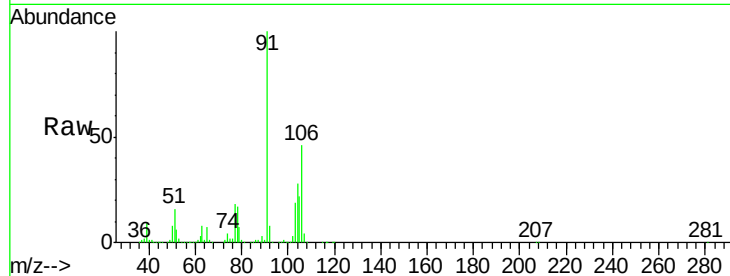




#69  
o-Xylene  
Concen: 19.04 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

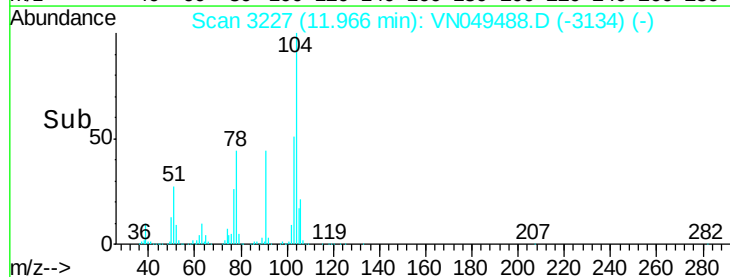
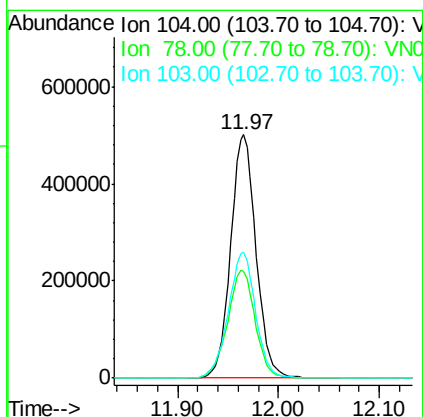
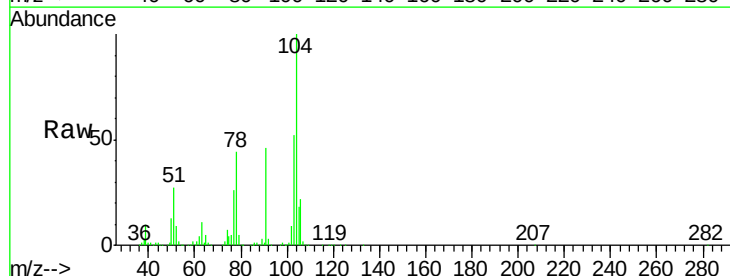
Instrument :  
MSVOA\_N  
ClientSampled :

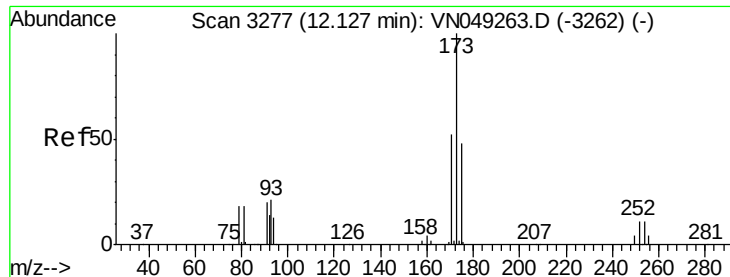
Tot Ion:106 Resp: 541435  
Ion Ratio Lower Upper  
106 100  
91 214.7 111.0 333.0



#70  
Styrene  
Concen: 19.52 ug/l  
RT: 11.97 min Scan# 3227  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion:104 Resp: 876110  
Ion Ratio Lower Upper  
104 100  
78 48.6 41.6 62.4  
103 55.8 45.4 68.2





#71

Bromoform

Concen: 18.72 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampled :

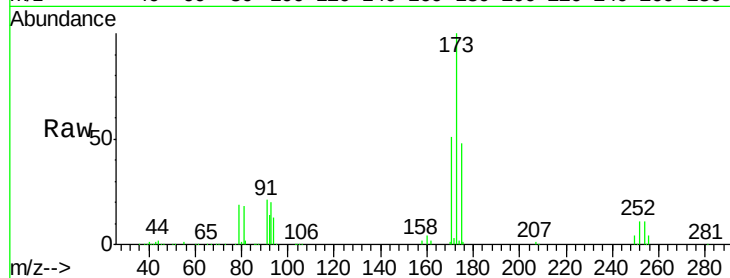
Tot Ion:173 Resp: 216308

Ion Ratio Lower Upper

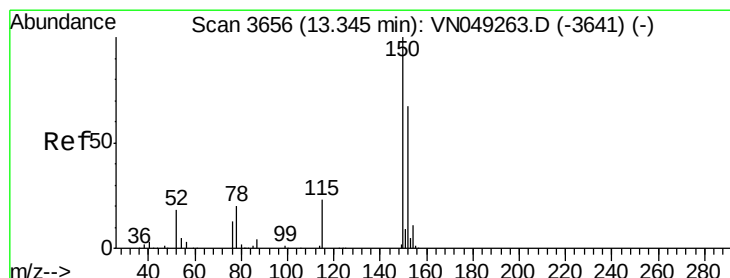
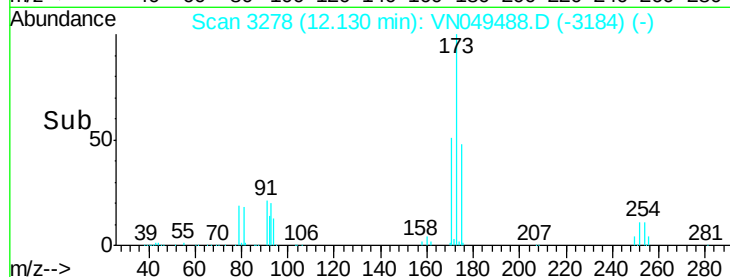
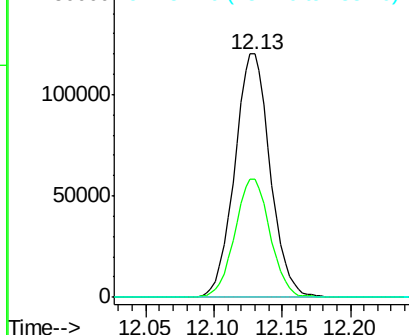
173 100

175 48.4 24.5 73.5

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

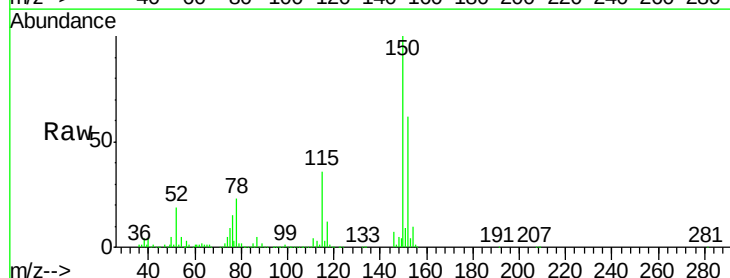
Tgt Ion:152 Resp: 871155

Ion Ratio Lower Upper

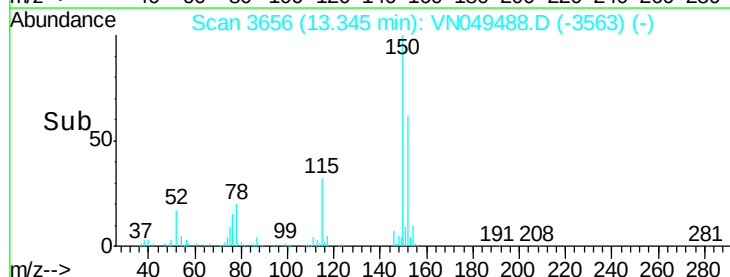
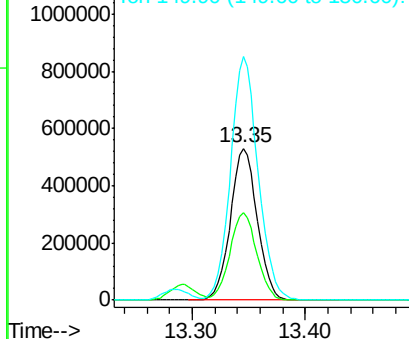
152 100

115 57.6 28.7 86.1

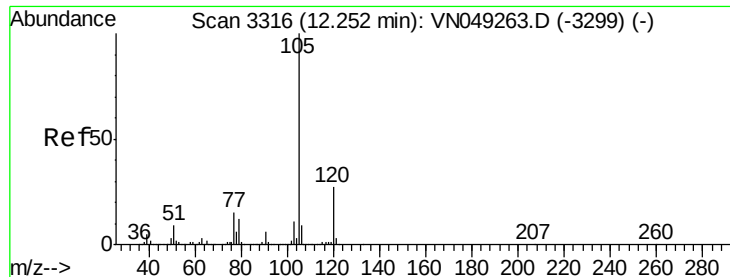
150 164.8 0.0 351.0



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







#73

Isopropylbenzene

Concen: 19.21 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

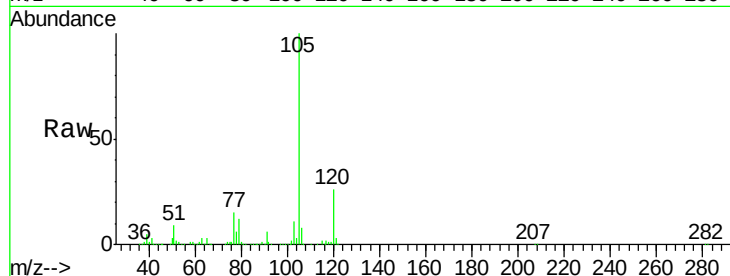
ClientSampleId :

Tot Ion:105 Resp: 1469358

Ion Ratio Lower Upper

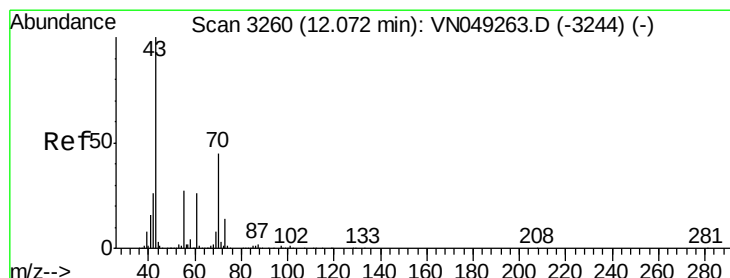
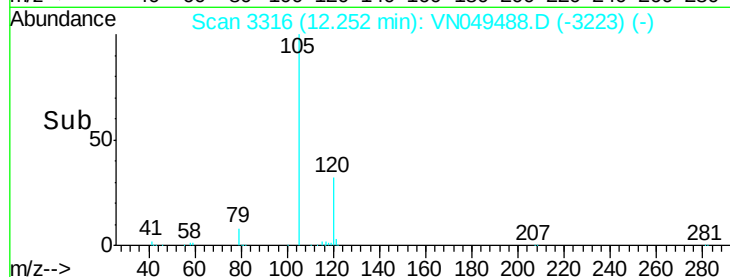
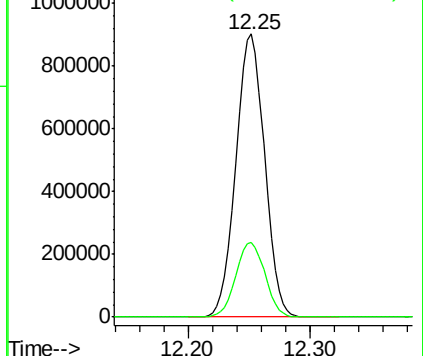
105 100

120 26.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.53 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion: 43 Resp: 328405

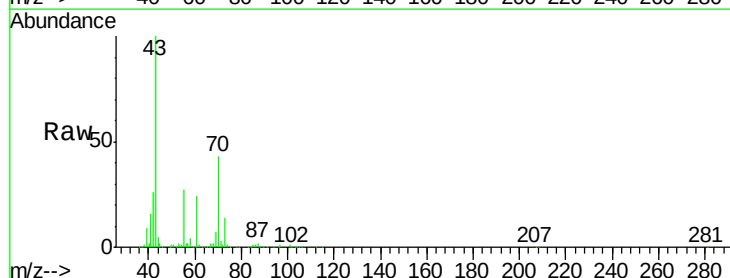
Ion Ratio Lower Upper

43 100

70 43.4 30.3 45.5

55 27.1 19.4 29.2

61 24.1 17.8 26.6

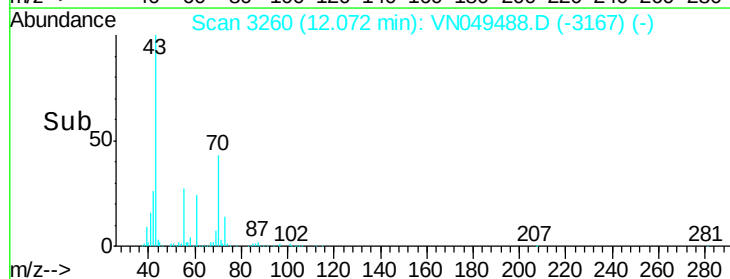
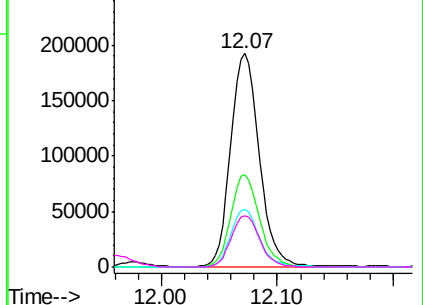


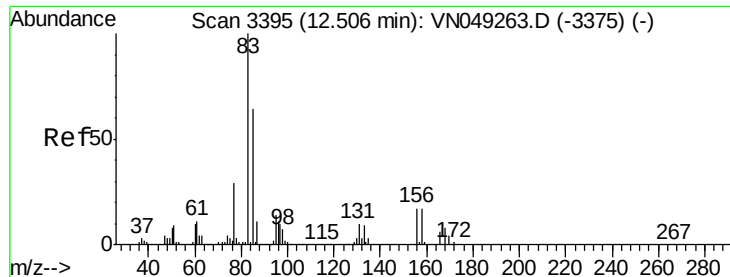
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.00 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampled :

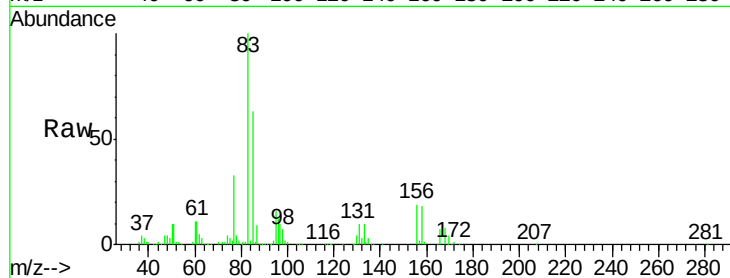
Tot Ion: 83 Resp: 320876

Ion Ratio Lower Upper

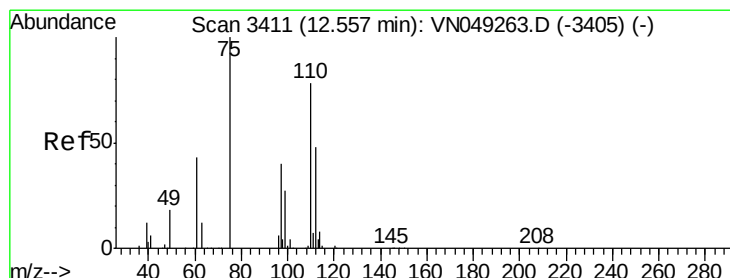
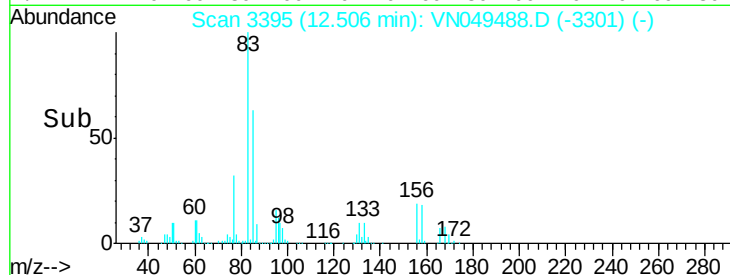
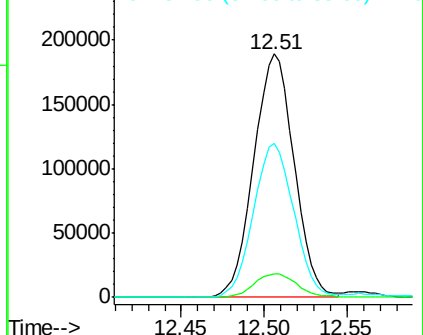
83 100

131 10.4 5.0 15.0

85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 130.80 (130.50 to 131.50): VNO  
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 27.80 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049488.D

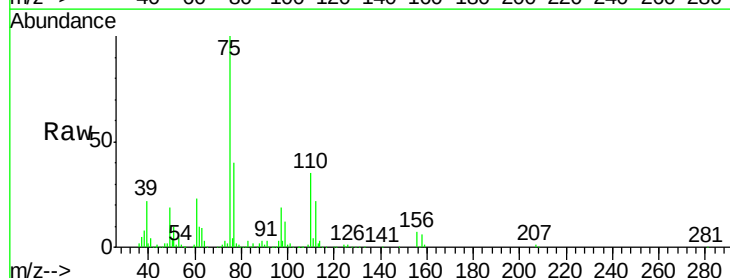
Acq: 22 Jun 2018 13:47

Tgt Ion: 75 Resp: 413277

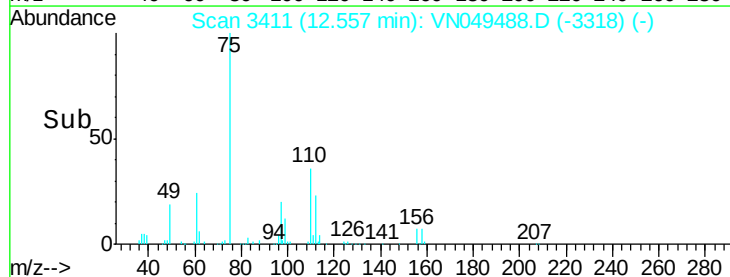
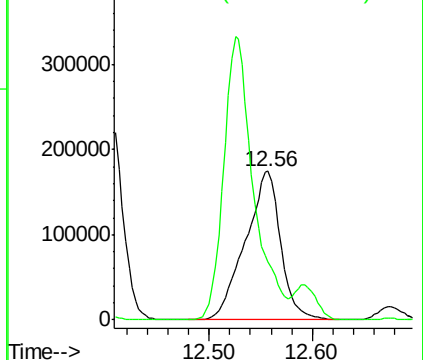
Ion Ratio Lower Upper

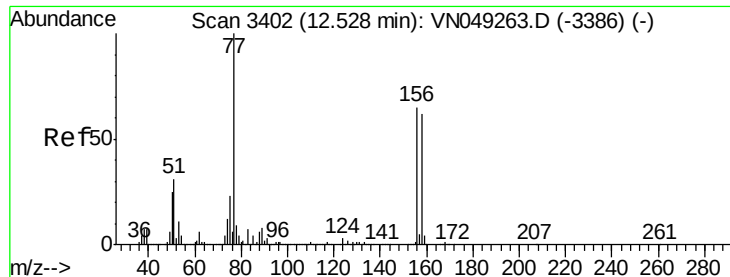
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.62 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampled :

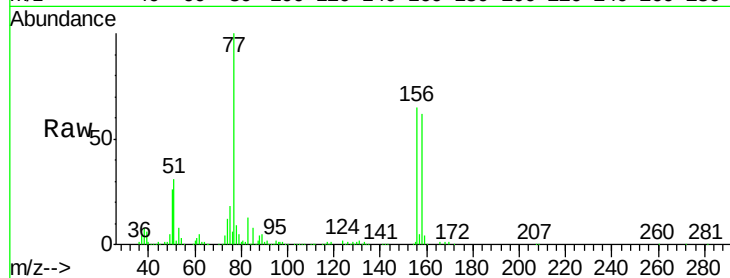
Tot Ion:156 Resp: 376222

Ion Ratio Lower Upper

156 100

77 177.7 100.8 302.4

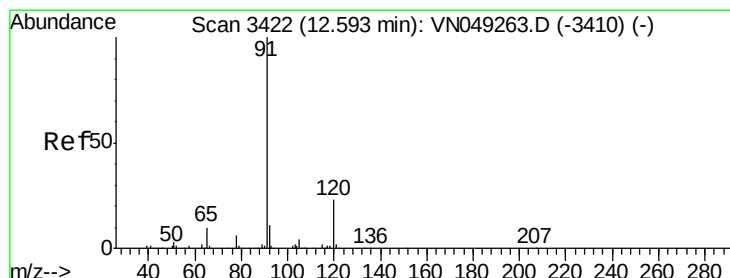
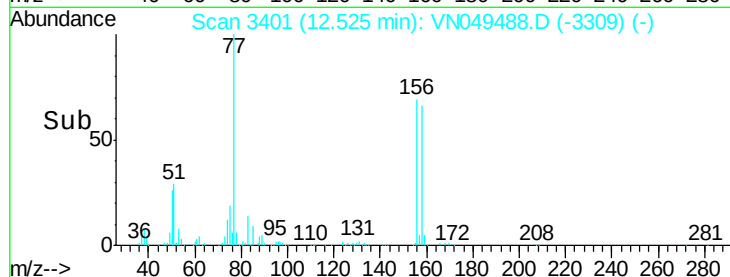
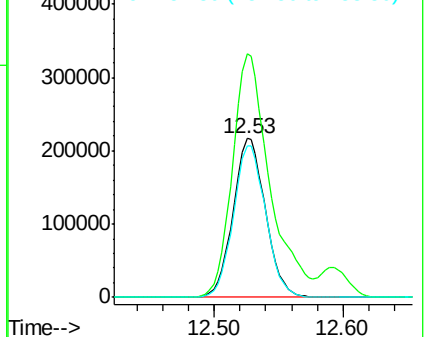
158 95.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.79 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049488.D

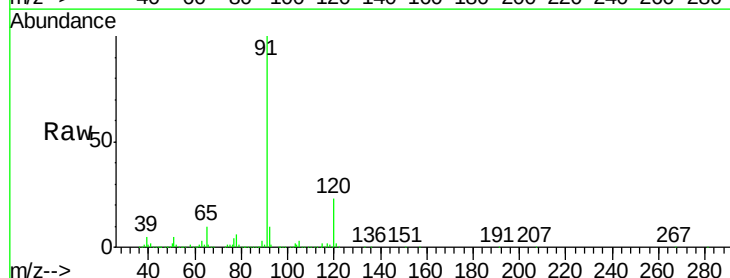
Acq: 22 Jun 2018 13:47

Tgt Ion: 91 Resp: 1662324

Ion Ratio Lower Upper

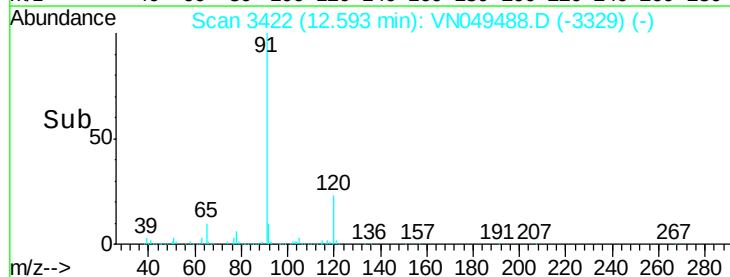
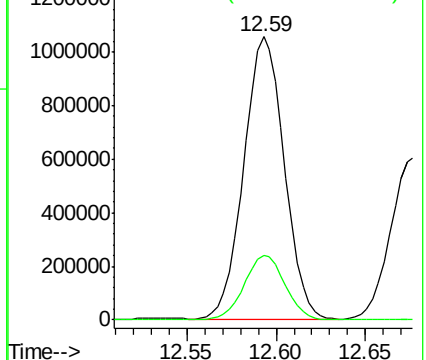
91 100

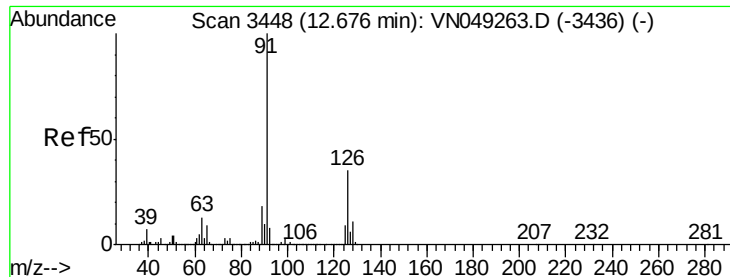
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.89 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

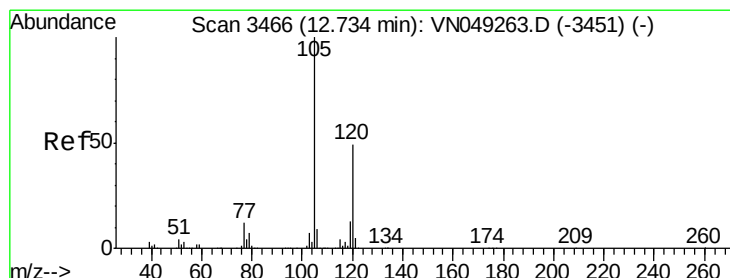
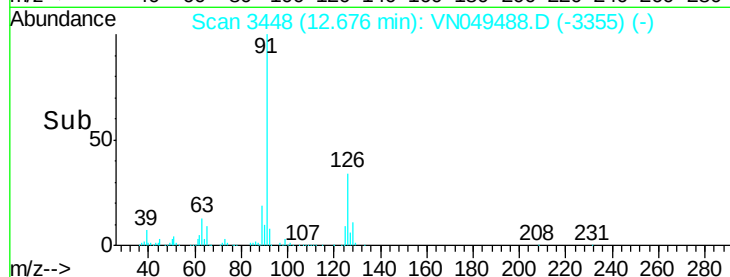
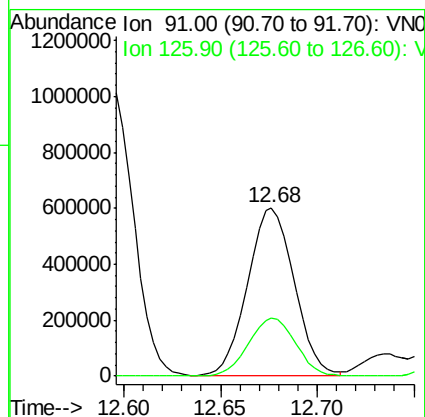
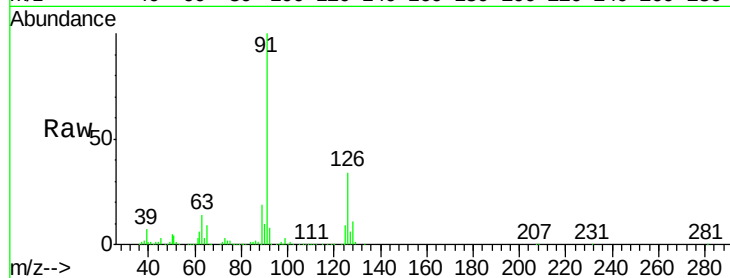
ClientSampled :

Tot Ion: 91 Resp: 1005147

Ion Ratio Lower Upper

91 100

126 35.2 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 19.94 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049488.D

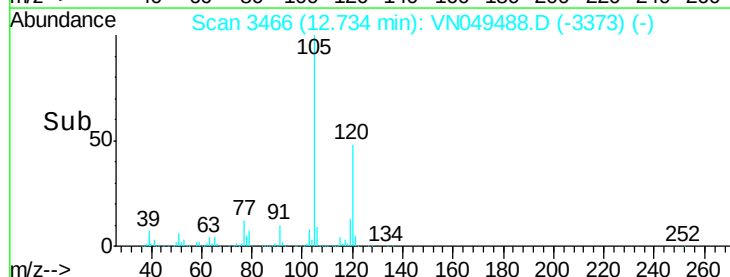
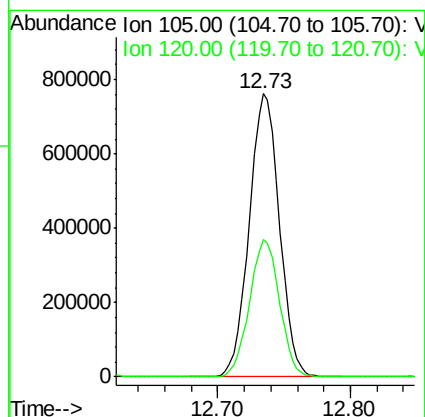
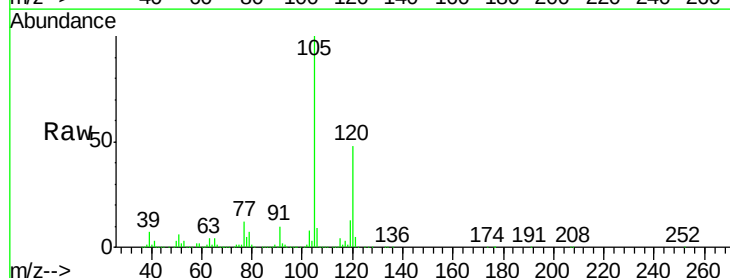
Acq: 22 Jun 2018 13:47

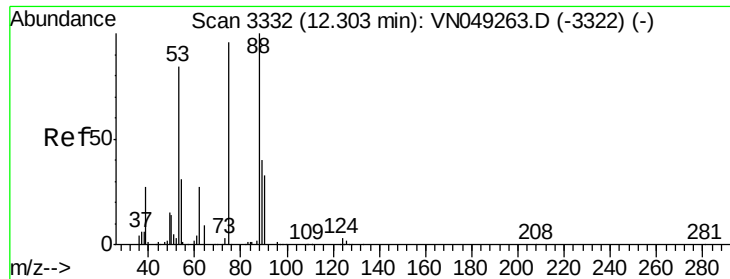
Tgt Ion: 105 Resp: 1198993

Ion Ratio Lower Upper

105 100

120 48.5 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.58 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

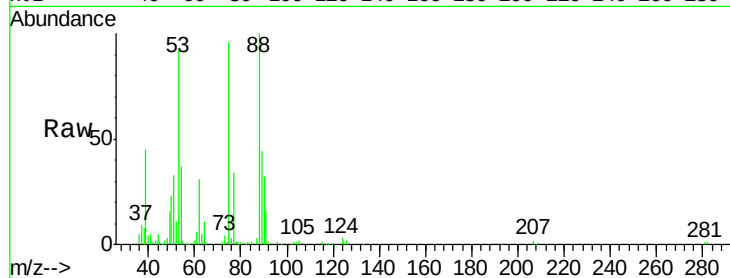
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 75 Resp: 82665

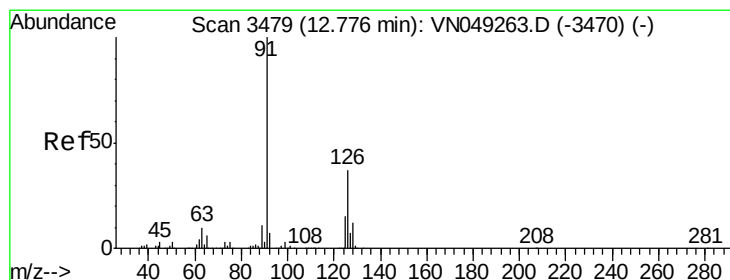
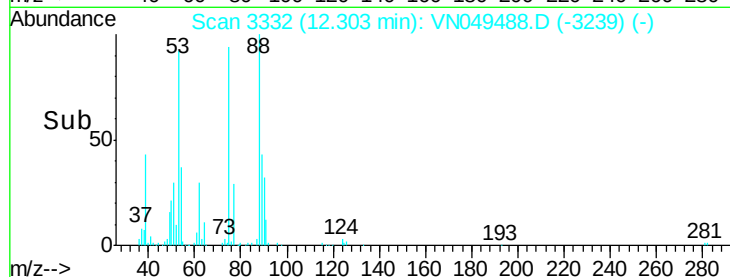
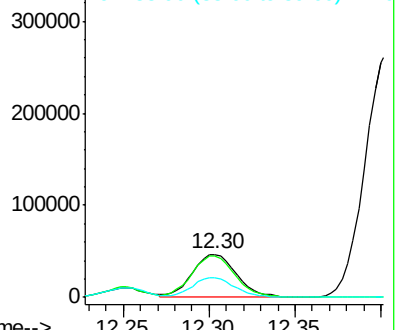
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 97.8  | 82.7  | 124.1 |
| 89  | 45.1  | 36.5  | 54.7  |



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



#82

4-Chlorotoluene

Concen: 19.59 ug/l

RT: 12.78 min Scan# 3479

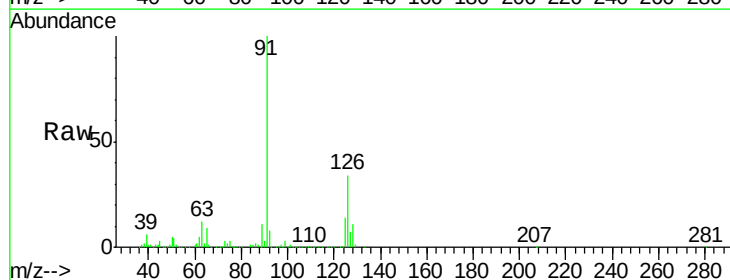
Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

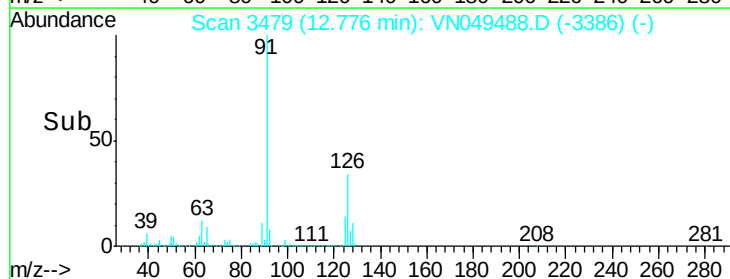
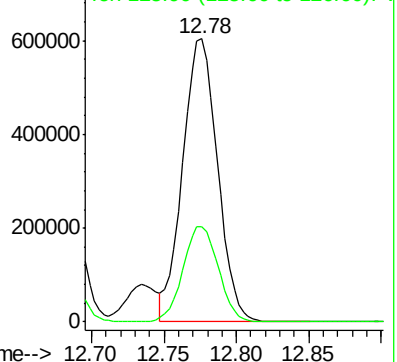
Tgt Ion: 91 Resp: 1005774

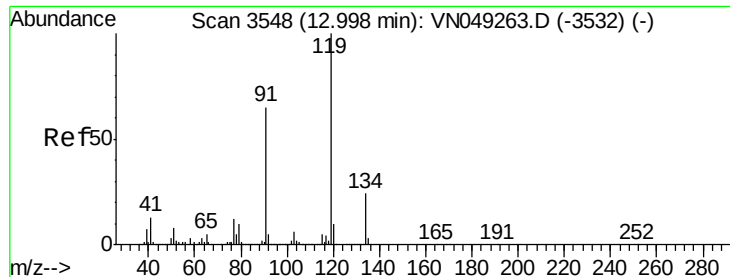
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 34.4  | 16.4  | 49.1  |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.98 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampled :

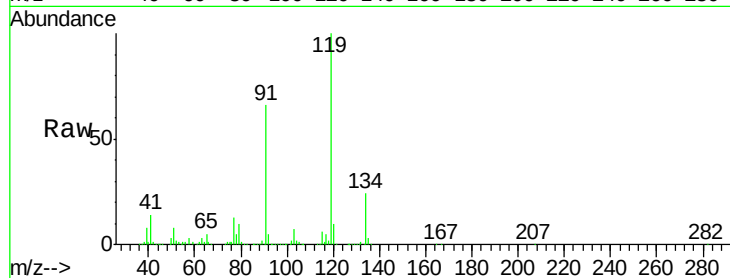
Tot Ion:119 Resp: 1010921

Ion Ratio Lower Upper

119 100

91 65.5 33.7 101.0

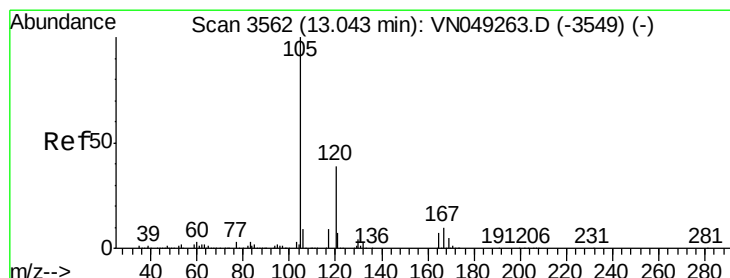
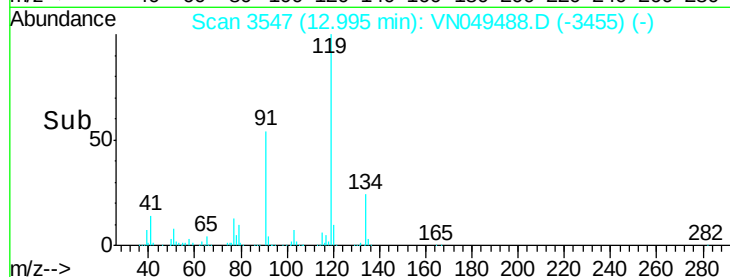
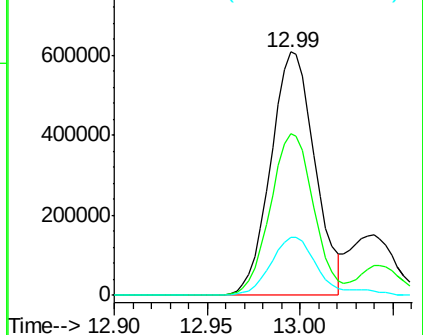
134 25.8 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.10 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049488.D

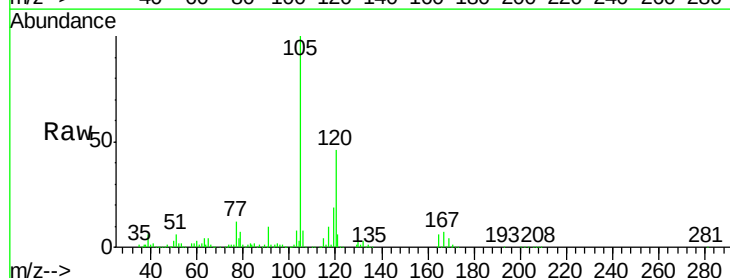
Acq: 22 Jun 2018 13:47

Tgt Ion:105 Resp: 1200682

Ion Ratio Lower Upper

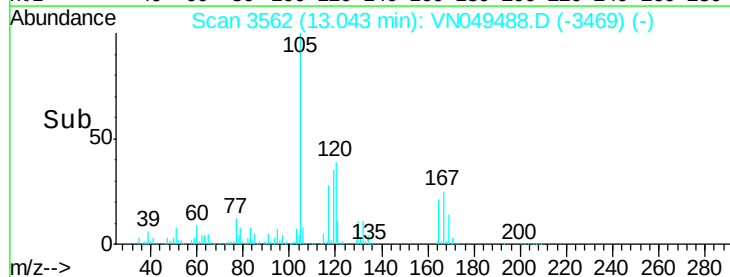
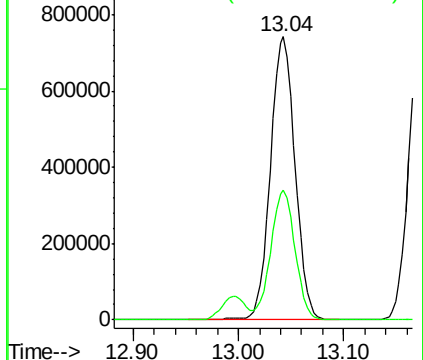
105 100

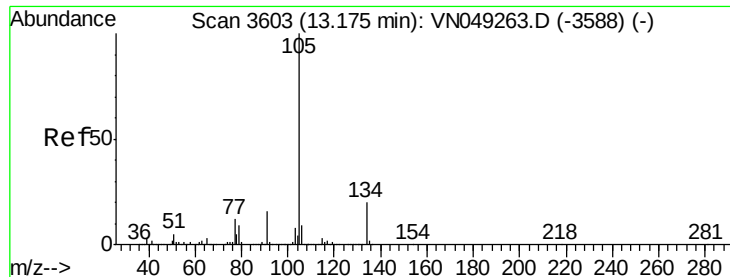
120 45.2 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.19 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

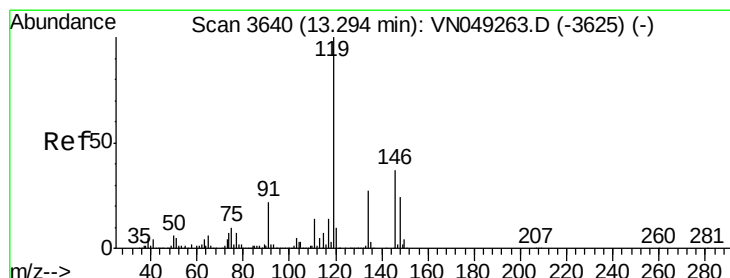
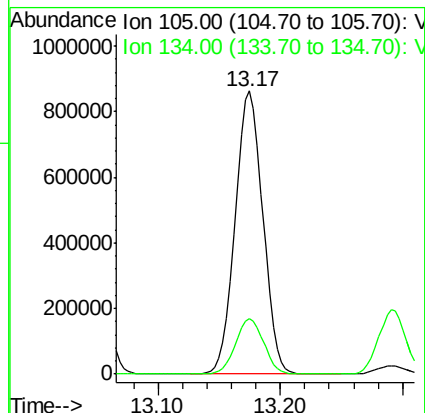
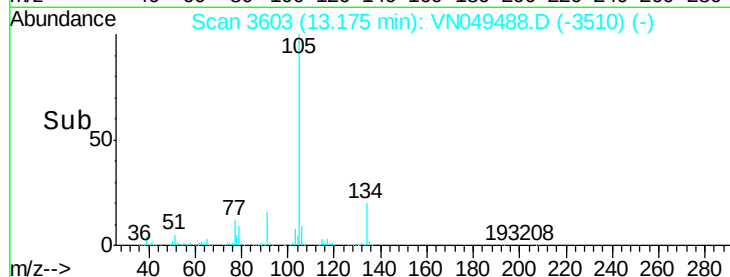
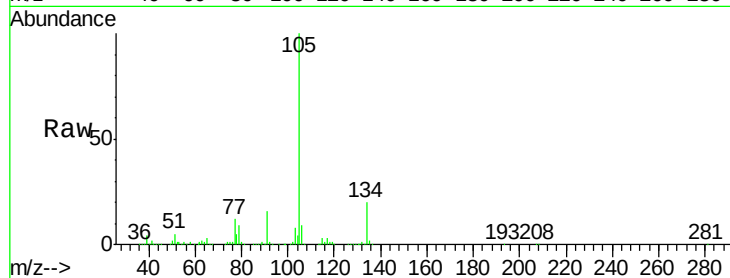
ClientSampleId :

Tot Ion:105 Resp: 1360288

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.23 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

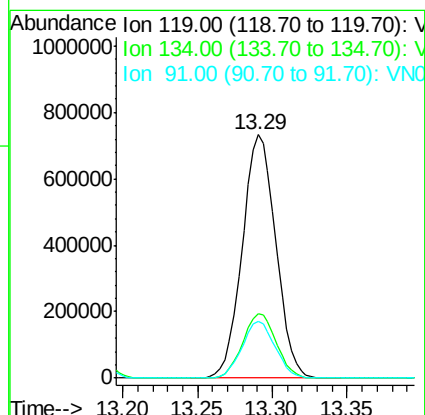
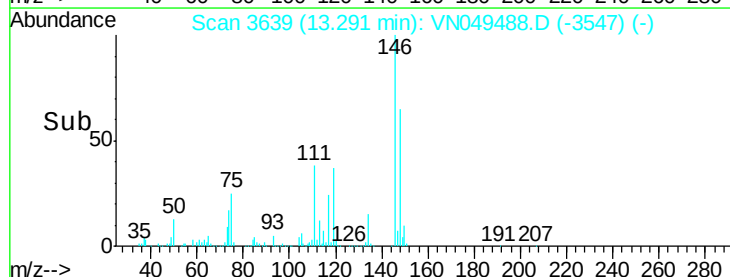
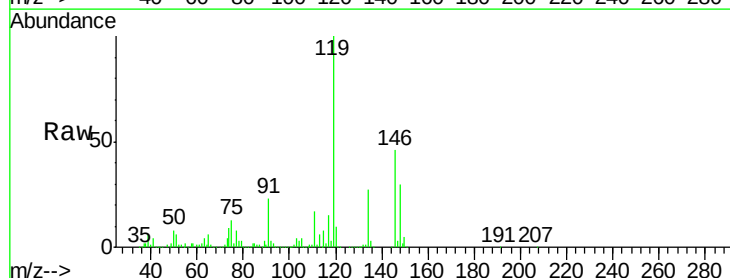
Tgt Ion:119 Resp: 1139128

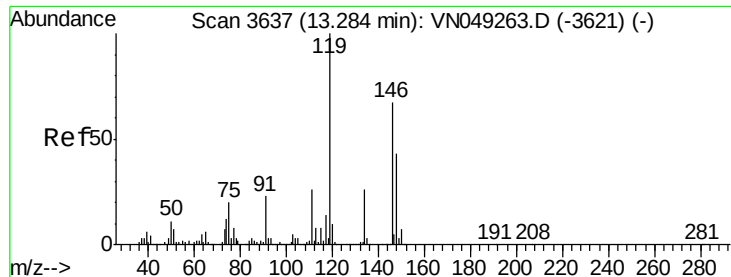
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 22.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.74 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA\_N

ClientSampled :

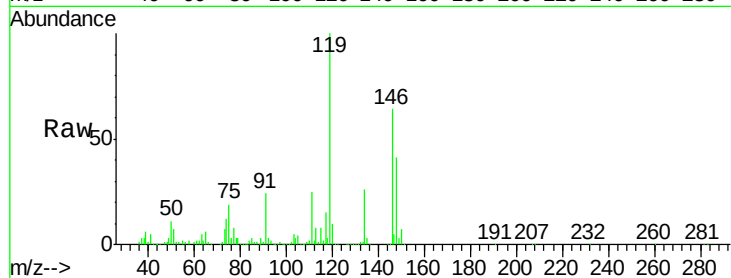
Tot Ion:146 Resp: 622847

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.6

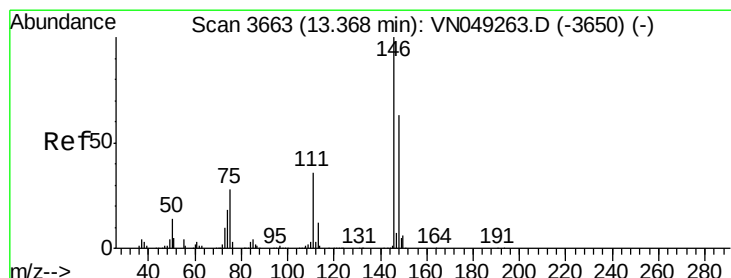
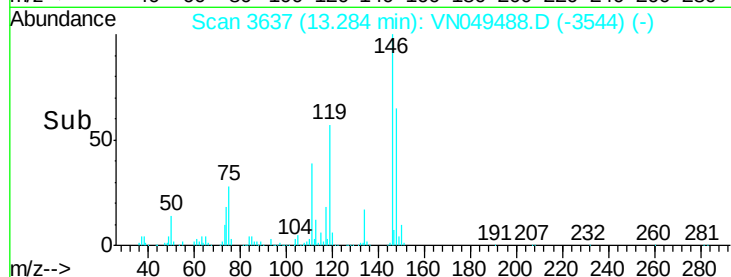
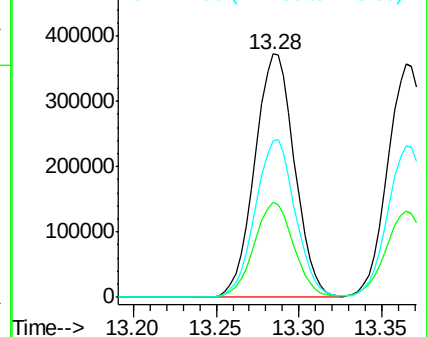
148 64.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.41 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

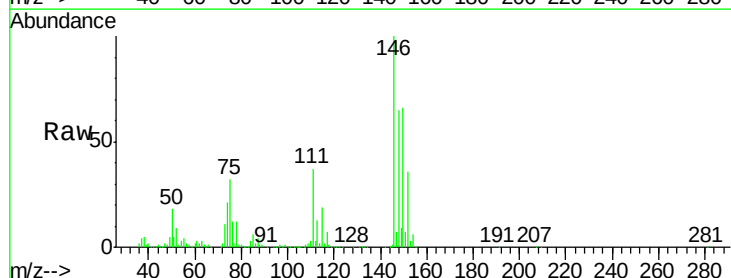
Tgt Ion:146 Resp: 606361

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

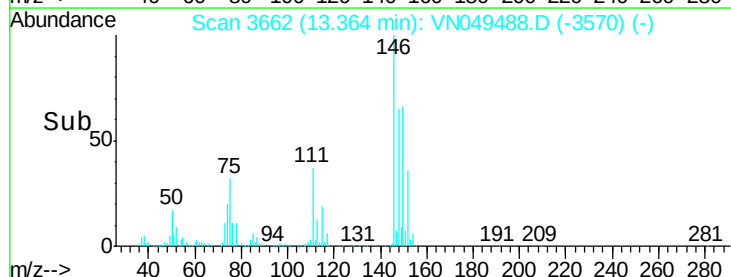
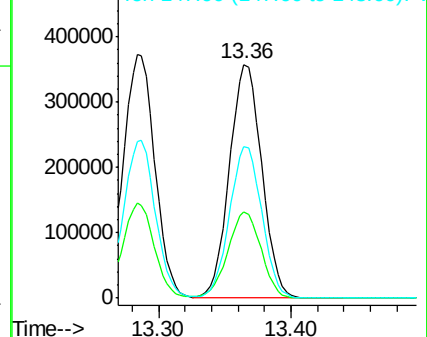
148 64.7 32.0 96.2



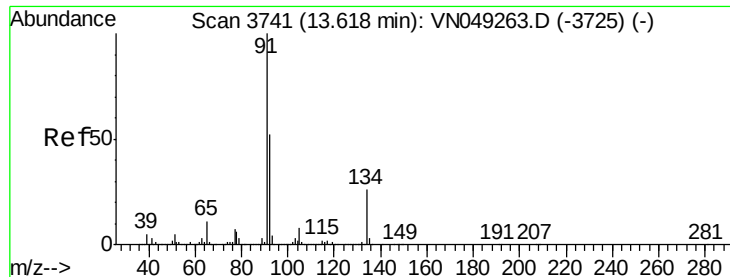
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



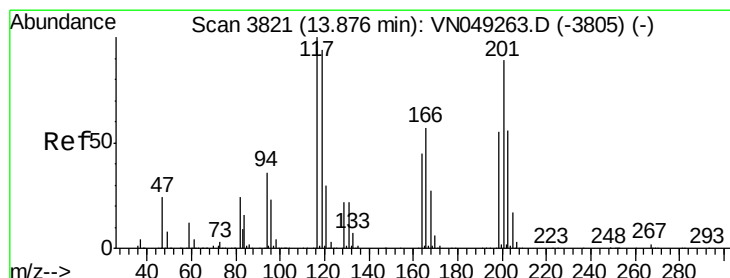
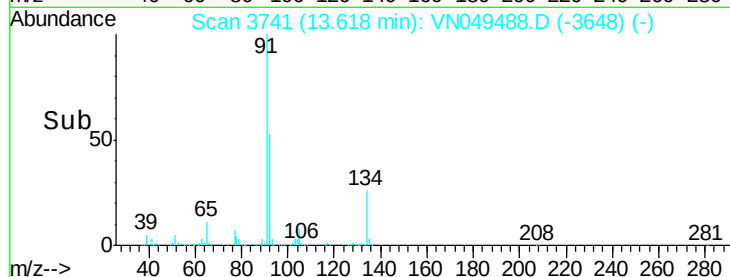
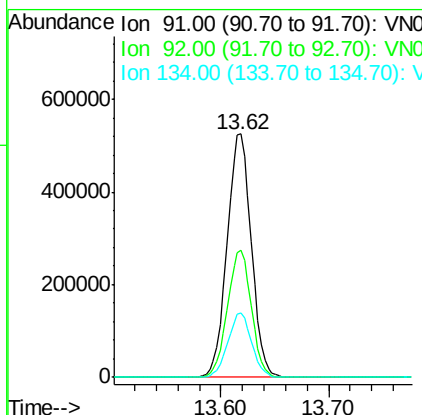
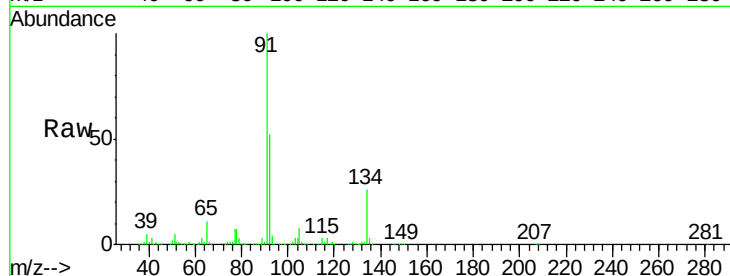




#89  
n-Butylbenzene  
Concen: 17.74 ug/l  
RT: 13.62 min Scan# 3741  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

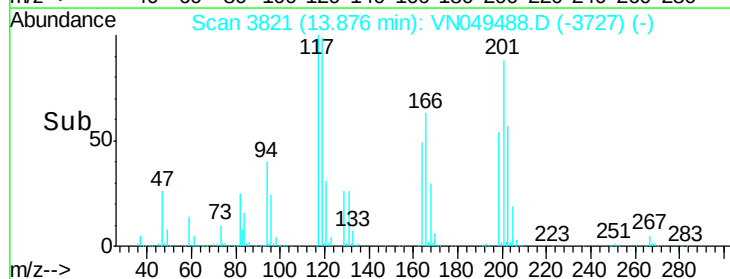
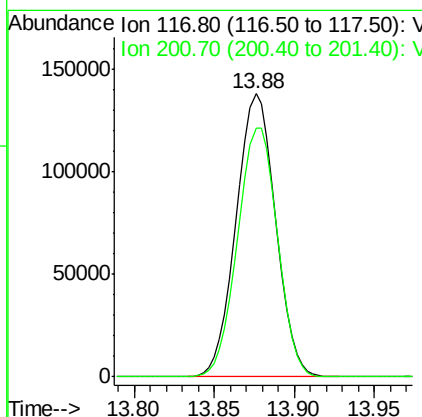
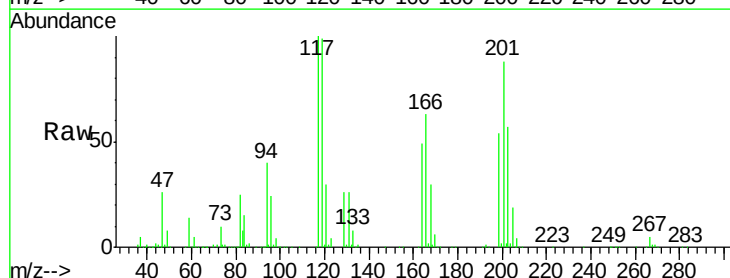
Instrument :  
MSVOA\_N  
ClientSampleId :

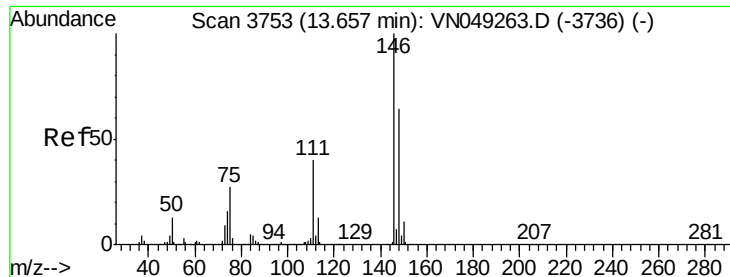
Tot Ion: 91 Resp: 820776  
Ion Ratio Lower Upper  
91 100  
92 51.6 25.1 75.4  
134 25.8 12.0 36.0



#90  
Hexachloroethane  
Concen: 19.64 ug/l  
RT: 13.88 min Scan# 3821  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion: 117 Resp: 231730  
Ion Ratio Lower Upper  
117 100  
201 89.2 40.1 120.2

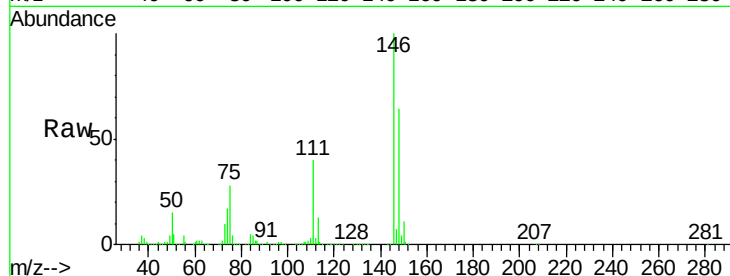




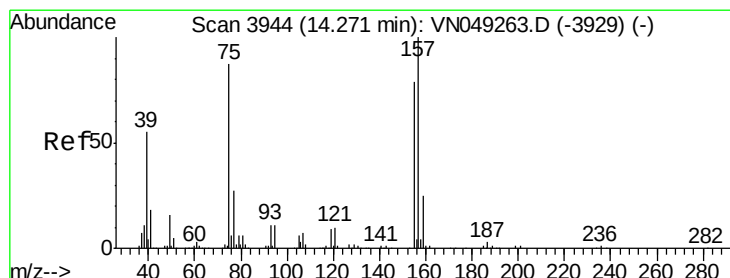
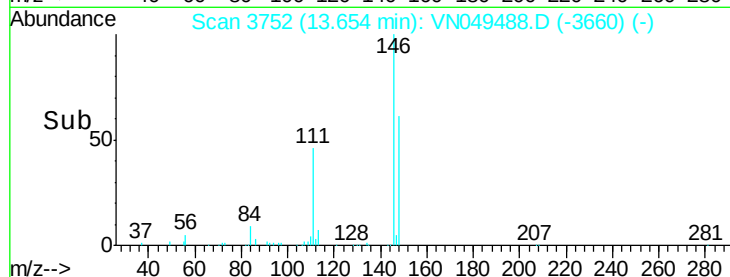
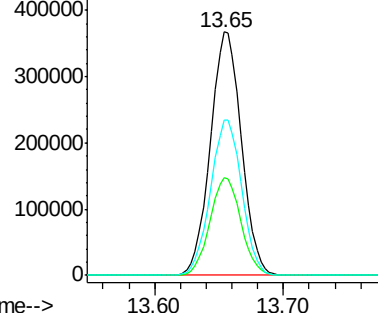
#91  
 1,2-Dichlorobenzene  
 Concen: 18.83 ug/l  
 RT: 13.65 min Scan# 3752  
 Delta R.T. -0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 20.8  | 62.2  |
| 148     | 64.2  | 32.0  | 96.2  |

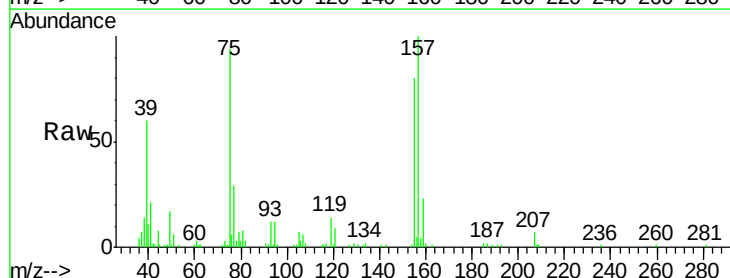


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

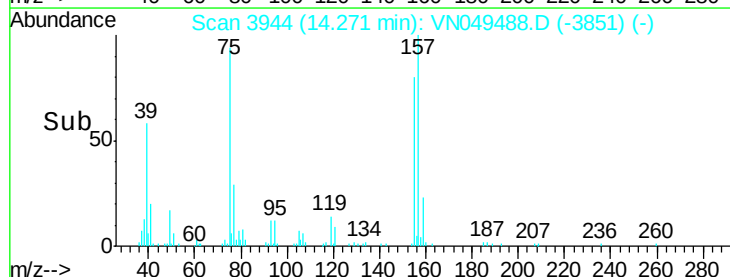
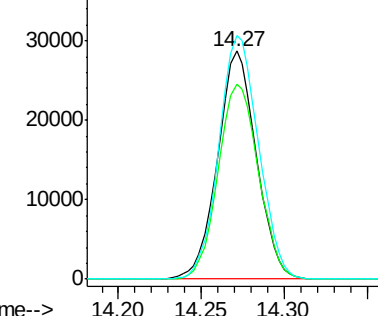


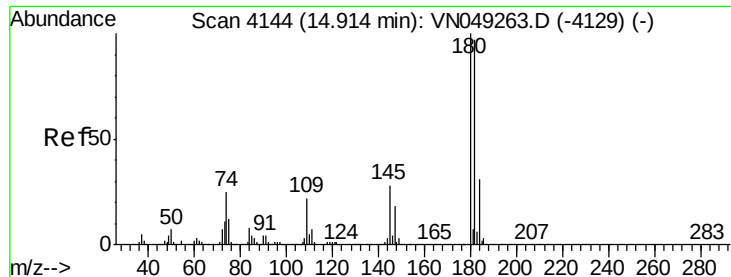
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.48 ug/l  
 RT: 14.27 min Scan# 3944  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.0  | 38.8  | 116.3 |
| 157     | 109.2 | 51.0  | 153.1 |



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

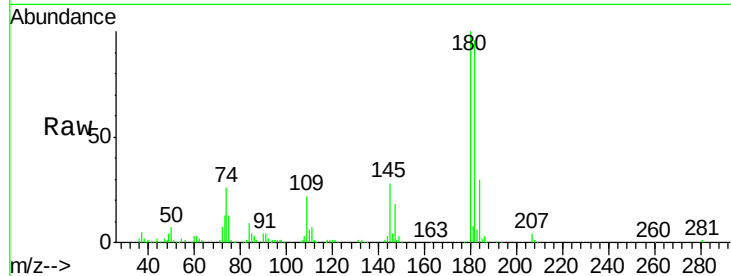




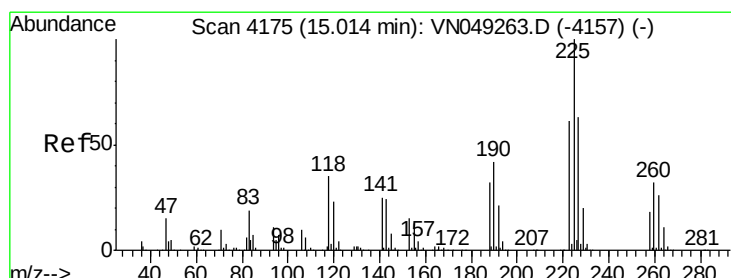
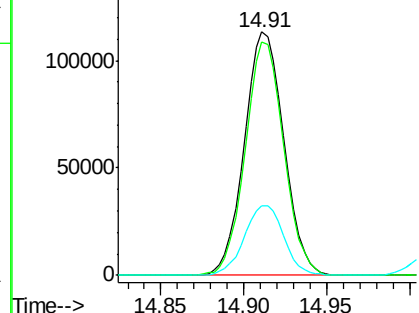
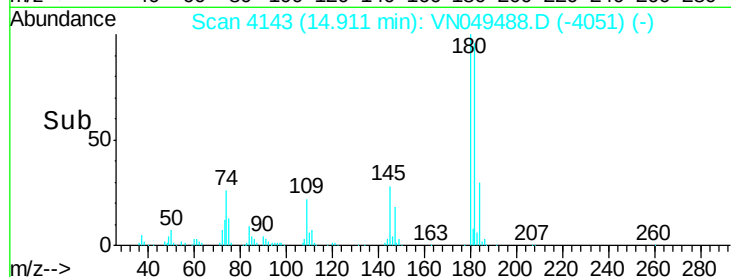
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.13 ug/l  
 RT: 14.91 min Scan# 4143  
 Delta R.T. -0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.4  | 46.9  | 140.8 |
| 145     | 28.8  | 14.7  | 44.1  |

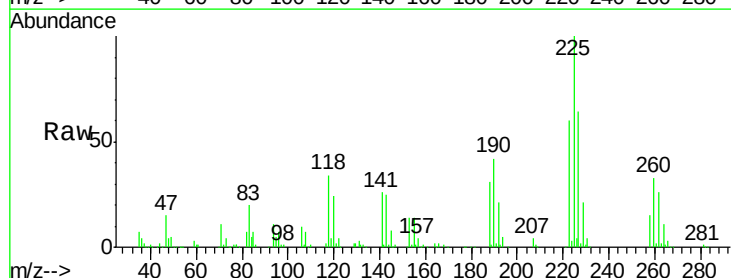


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

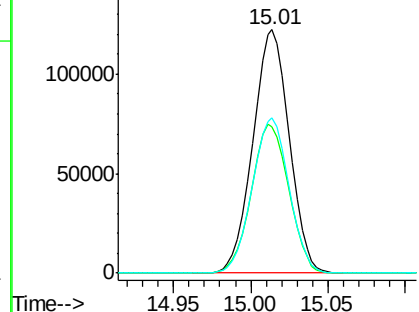
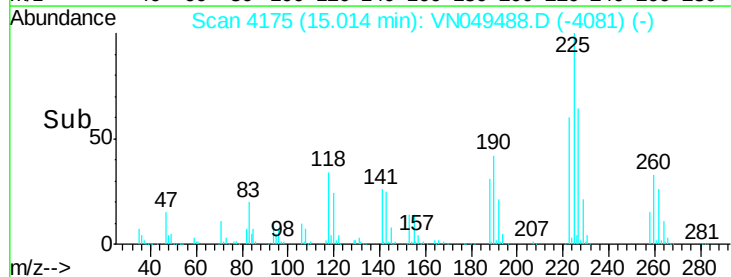


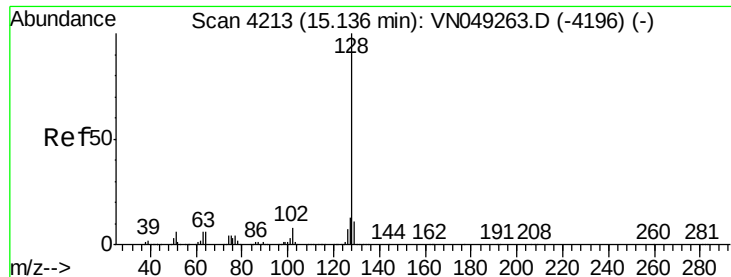
#94  
 Hexachlorobutadiene  
 Concen: 19.34 ug/l  
 RT: 15.01 min Scan# 4175  
 Delta R.T. 0.00 min  
 Lab File: VN049488.D  
 Acq: 22 Jun 2018 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 32.1  | 96.3  |
| 227     | 64.8  | 31.8  | 95.3  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

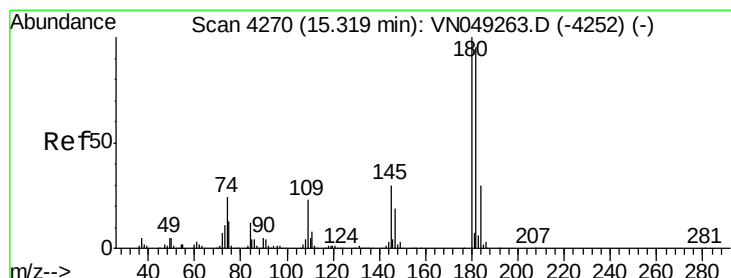
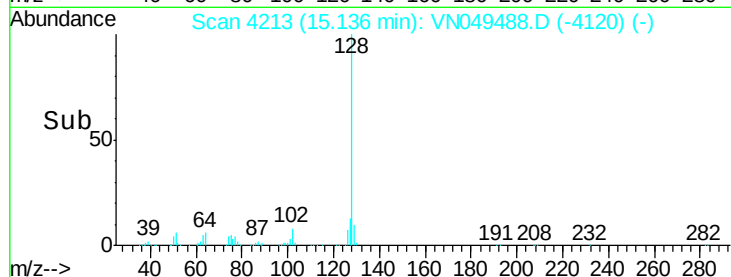
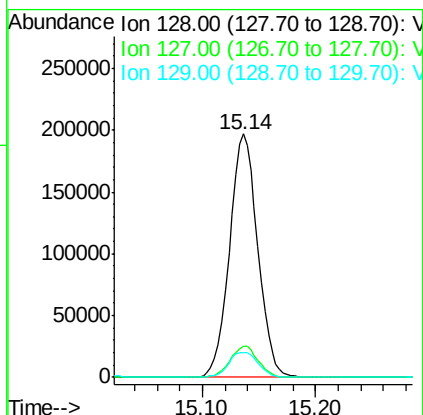
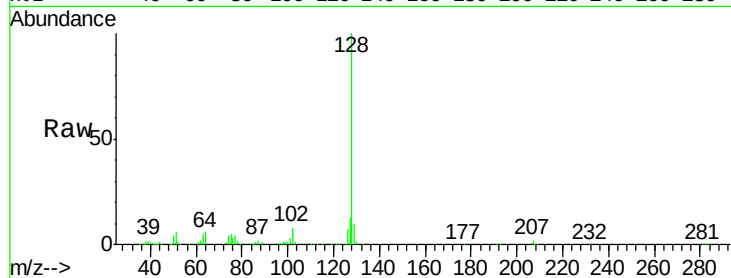




#95  
Naphthalene  
Concen: 15.63 ug/l  
RT: 15.14 min Scan# 4213  
Delta R.T. 0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:128 Resp: 340389  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.6 16.0  
129 10.8 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 16.44 ug/l  
RT: 15.32 min Scan# 4269  
Delta R.T. -0.00 min  
Lab File: VN049488.D  
Acq: 22 Jun 2018 13:47

Tgt Ion:180 Resp: 203673  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.3 141.8  
145 31.7 15.6 46.7

