

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\  
 Data File : VN053022.D  
 Acq On : 19 Dec 2018 20:10  
 Operator : MD\SY  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 20 05:25:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1076051  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1644754  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1476455  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 695512   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 563507   | 51.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.20% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 451738   | 60.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 120.26% |      |
| 50) Toluene-d8            | 10.09  | 98  | 2093710  | 51.91 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.82% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 735405   | 51.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.88% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 507740  | 46.622  | ug/l | 100    |
| 3) Chloromethane              | 2.06 | 50  | 637892  | 48.336  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.19 | 62  | 640895  | 47.952  | ug/l | 100    |
| 5) Bromomethane               | 2.57 | 94  | 421551  | 45.524  | ug/l | 100    |
| 6) Chloroethane               | 2.71 | 64  | 376945  | 47.620  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 813560  | 48.863  | ug/l | 100    |
| 8) Diethyl Ether              | 3.41 | 74  | 316695  | 50.419  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101 | 507431  | 47.799  | ug/l | 99     |
| 10) Methyl Iodide             | 3.96 | 142 | 746044  | 50.043  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.77 | 59  | 165797  | 248.837 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 497746  | 48.531  | ug/l | 99     |
| 13) Acrolein                  | 3.61 | 56  | 193721  | 320.650 | ug/l | 100    |
| 14) Allyl chloride            | 4.33 | 41  | 831034  | 52.311  | ug/l | 94     |
| 15) Acrylonitrile             | 4.98 | 53  | 919644  | 248.448 | ug/l | 99     |
| 16) Acetone                   | 3.81 | 43  | 552428  | 258.018 | ug/l | 96     |
| 17) Carbon Disulfide          | 4.06 | 76  | 1421687 | 42.505  | ug/l | 100    |
| 18) Methyl Acetate            | 4.32 | 43  | 475376  | 48.940  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73  | 1405016 | 51.191  | ug/l | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 569123  | 48.730  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96  | 532642  | 48.337  | ug/l | 97     |
| 22) Diisopropyl ether         | 5.95 | 45  | 1740137 | 51.316  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.90 | 43  | 5030003 | 257.959 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 999722  | 49.613  | ug/l | 99     |
| 25) 2-Butanone                | 6.83 | 43  | 950823  | 264.617 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 715855  | 46.539  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 620567  | 49.744  | ug/l | 99     |
| 28) Bromochloromethane        | 7.19 | 49  | 437968  | 50.160  | ug/l | 95     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 677413  | 252.422 | ug/l | 98     |
| 30) Chloroform                | 7.37 | 83  | 978618  | 49.439  | ug/l | 100    |
| 31) Cyclohexane               | 7.65 | 56  | 915906  | 48.432  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 817741  | 48.495  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 765696  | 48.502  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.93 | 43  | 454945  | 51.622  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 700257  | 48.394  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 20 05:25:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 877201   | 45.741  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 2314379  | 49.287  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.17  | 41   | 277185   | 54.435  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 674957   | 48.656  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 861098   | 50.501  | ug/l   | 99       |
| 44) Trichloroethene            | 8.84  | 130  | 652111   | 48.013  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 616019   | 50.365  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 348289   | 48.882  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 737513   | 48.695  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 433702   | 50.715  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 103527   | 957.015 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 2211106  | 259.074 | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 1429698  | 49.121  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 769503   | 48.316  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 910398   | 49.801  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 504706   | 49.705  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 686956   | 51.113  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 870204   | 49.976  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 1872875  | 253.832 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1493846  | 258.702 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 563490   | 48.480  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 512074   | 49.656  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 742142   | 46.403  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 1603619  | 48.997  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 559907   | 49.195  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 2778246  | 49.360  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 2119061  | 99.035  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 1025381  | 49.940  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 1702844  | 50.861  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 390353   | 47.476  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 2705427  | 49.716  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 793837   | 52.543  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 562740   | 52.711  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 782340   | 66.820  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 729482   | 51.570  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.59 | 91   | 3069141  | 49.521  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 1814093  | 47.222  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 2159341  | 48.683  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 174036   | 47.910  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1854543  | 49.315  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1899743  | 48.428  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 2200753  | 49.356  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 2501426  | 47.144  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 2181920  | 47.590  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 1218207  | 48.658  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 1199537  | 47.312  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 1807788  | 45.832  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 328232   | 46.652  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 1145524  | 48.617  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 86983    | 47.121  | ug/l   | 98       |

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Acq On : 19 Dec 2018 20:10  
Operator : MD\SY  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 27 Sample Multiplier: 28

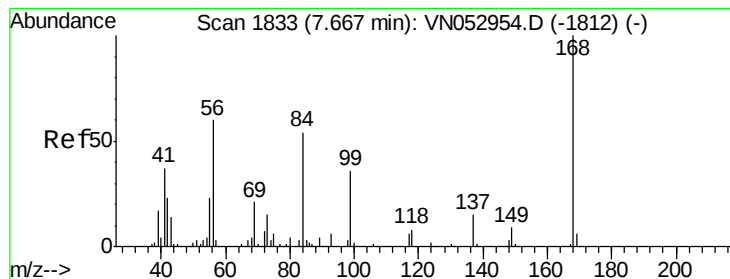
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 20 05:25:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 18 13:03:37 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 591853   | 47.442 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 322923   | 49.958 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 1316087  | 48.170 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 532884   | 47.430 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

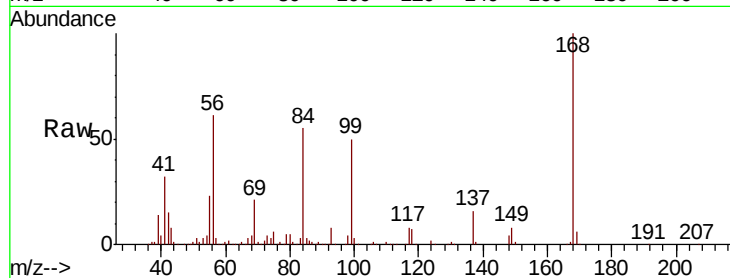
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 1076051

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

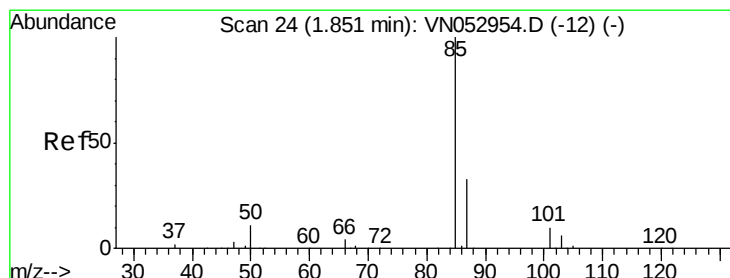
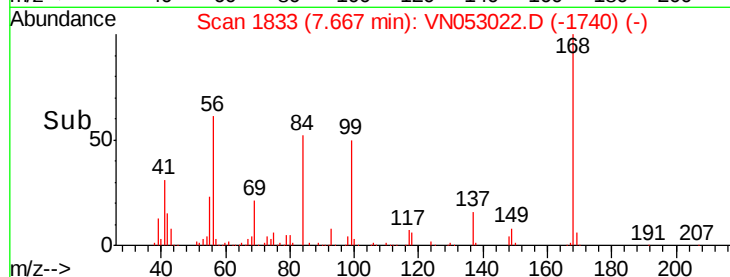
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.622 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053022.D

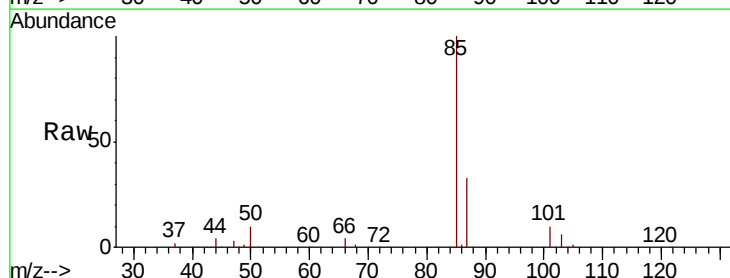
Acq: 19 Dec 2018 20:10

Tgt Ion: 85 Resp: 507740

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

400000

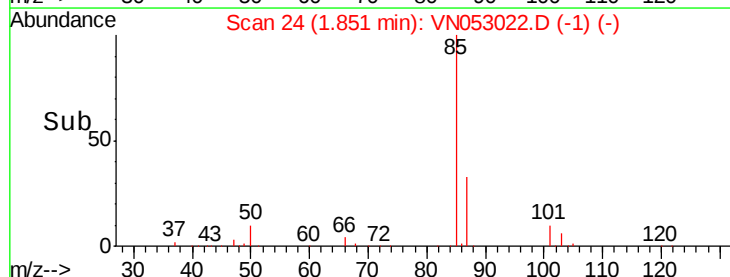
300000

200000

100000

0

Time-->





#3

Chloromethane

Concen: 48.336 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

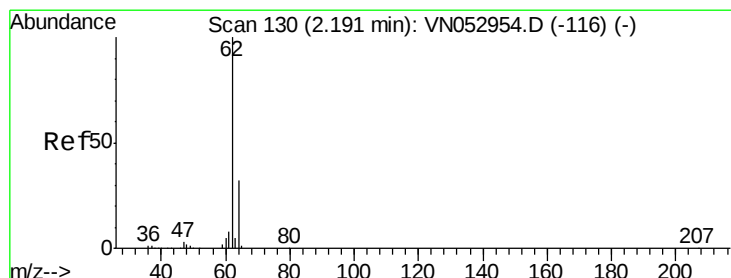
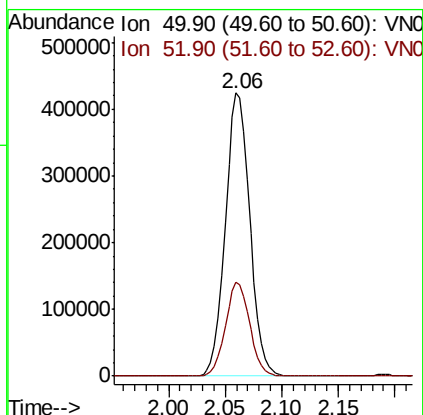
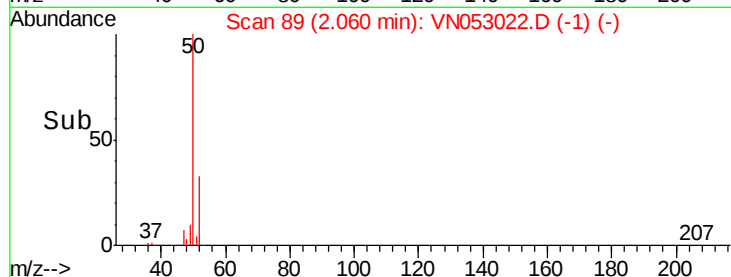
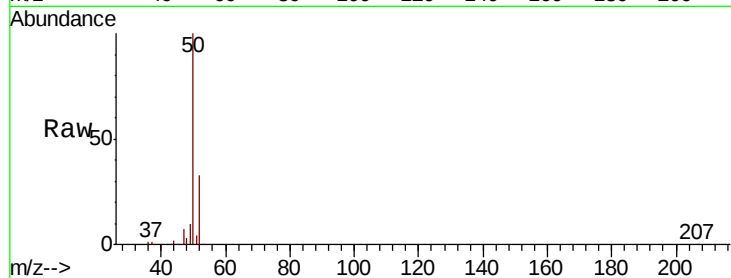
ClientSampleId :

Tot Ion: 50 Resp: 637892

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 47.952 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053022.D

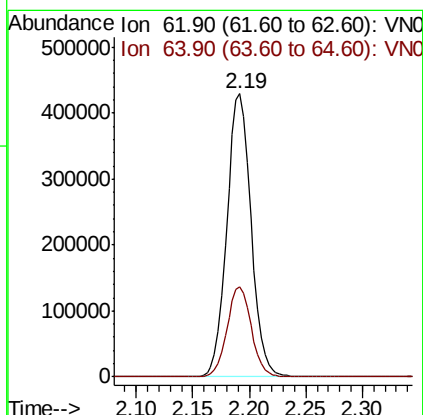
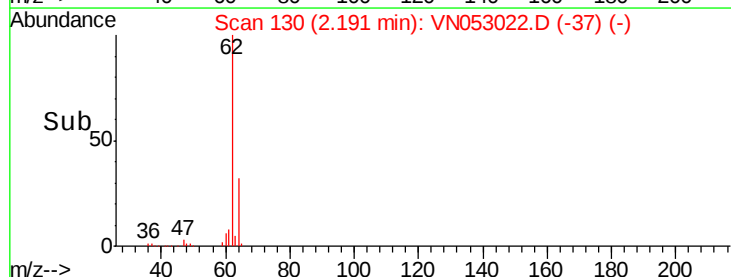
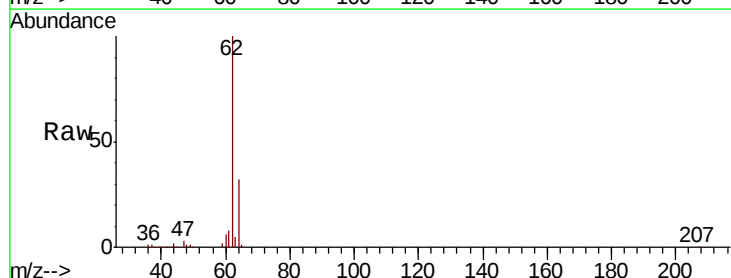
Acq: 19 Dec 2018 20:10

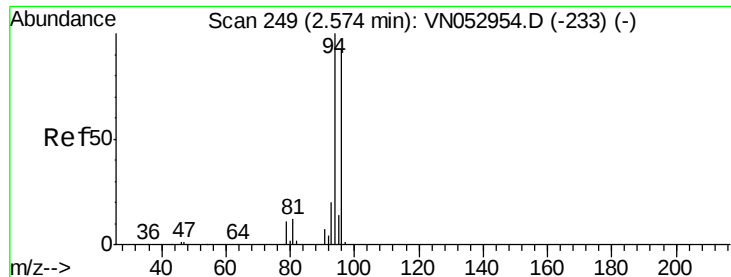
Tgt Ion: 62 Resp: 640895

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3

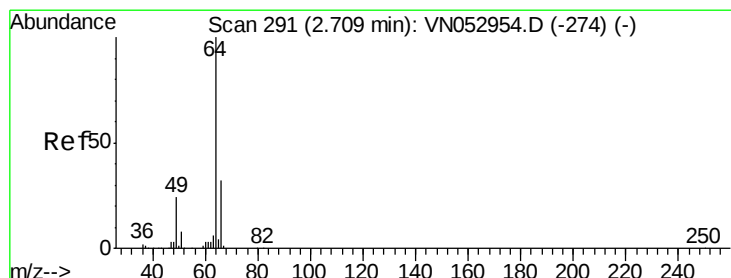
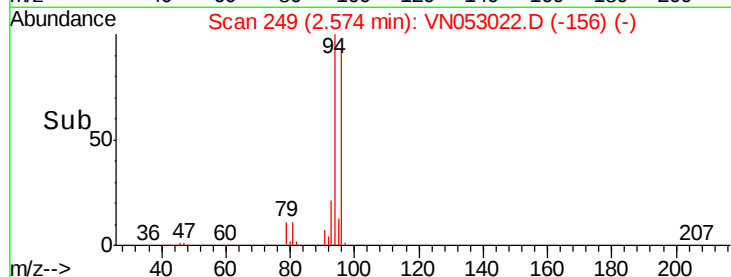
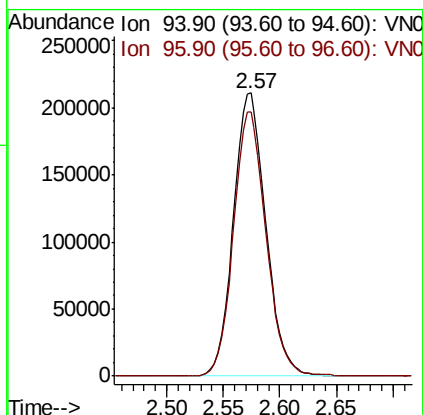
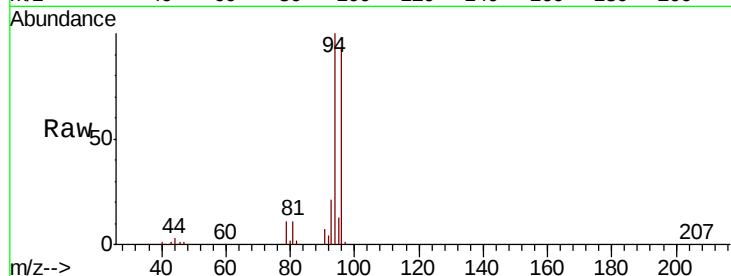




#5  
Bromomethane  
Concen: 45.524 ug/l  
RT: 2.57 min Scan# 249  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

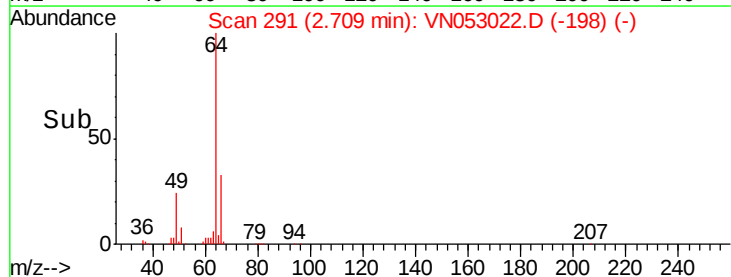
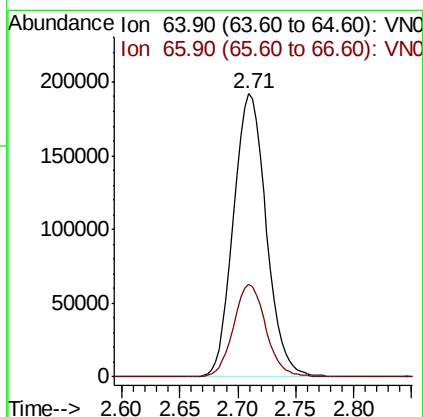
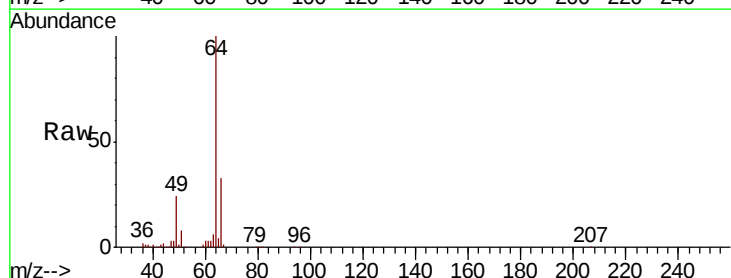
Instrument :  
MSVOA\_N  
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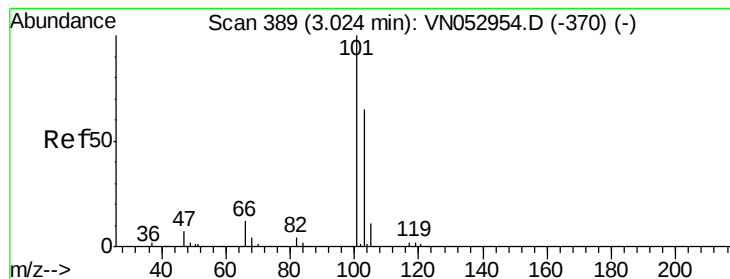
Tot Ion: 94 Resp: 421551  
Ion Ratio Lower Upper  
94 100  
96 93.3 75.0 112.4



#6  
Chloroethane  
Concen: 47.620 ug/l  
RT: 2.71 min Scan# 291  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 64 Resp: 376945  
Ion Ratio Lower Upper  
64 100  
66 32.5 26.2 39.2



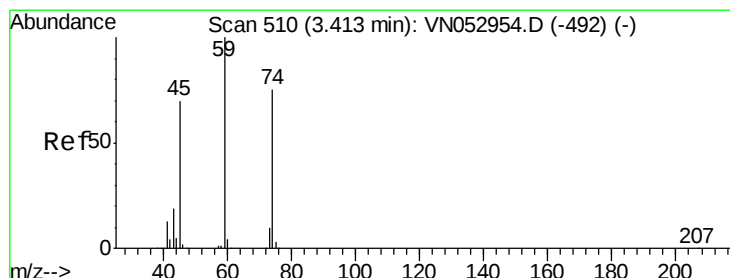
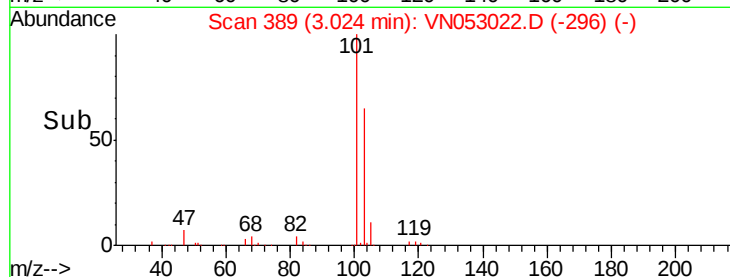
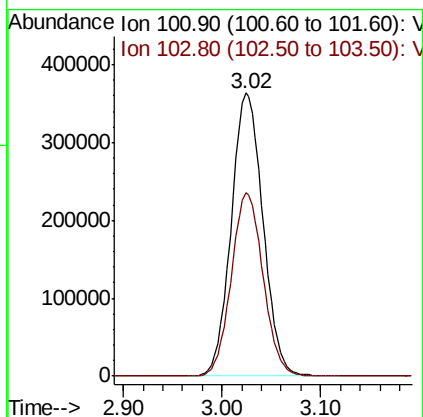
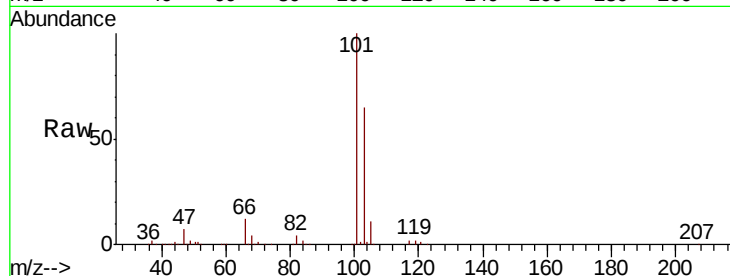


#7

Trichlorofluoromethane  
 Concen: 48.863 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Instrument :  
 MSVOA\_N  
 ClientSampled :

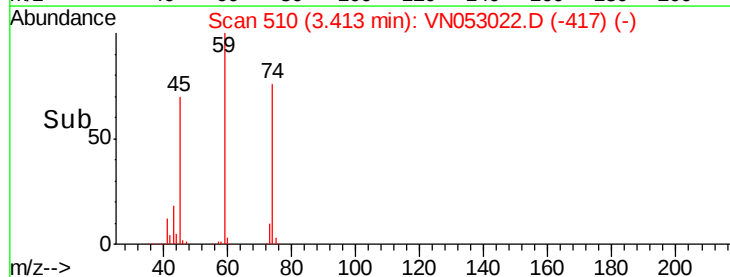
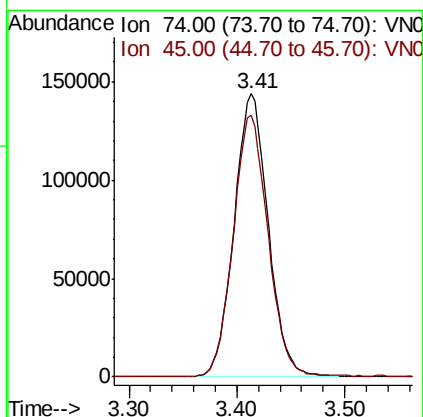
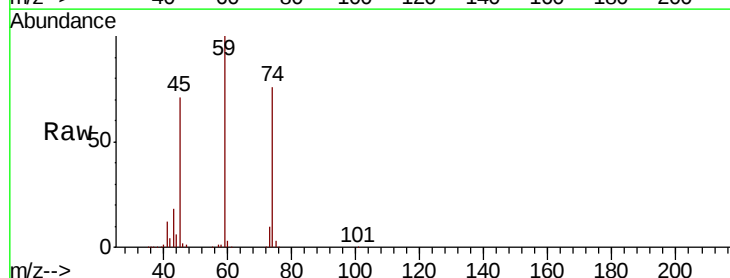
Tot Ion:101 Resp: 813560  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 51.8 77.6

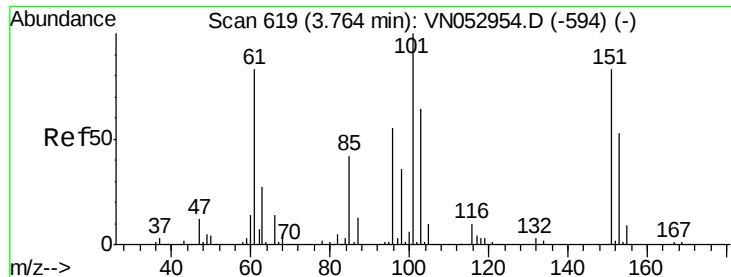


#8

Diethyl Ether  
 Concen: 50.419 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Tgt Ion: 74 Resp: 316695  
 Ion Ratio Lower Upper  
 74 100  
 45 94.4 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.799 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampleId :

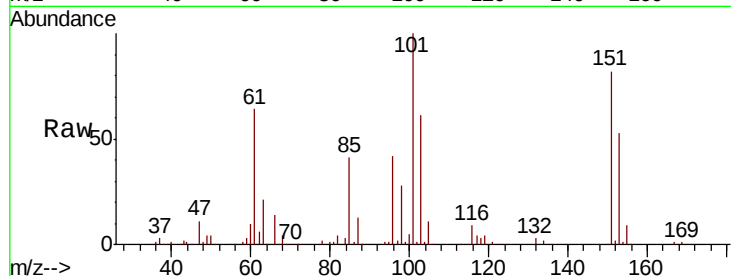
Tot Ion:101 Resp: 507431

Ion Ratio Lower Upper

101 100

85 41.5 33.6 50.4

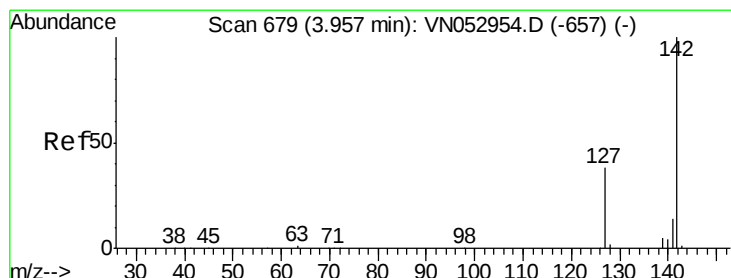
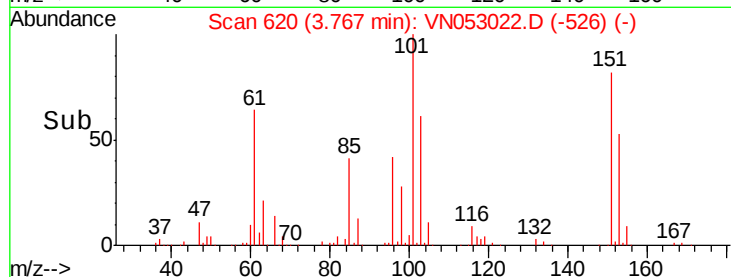
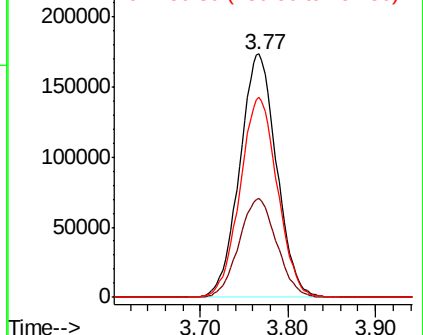
151 83.4 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.043 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

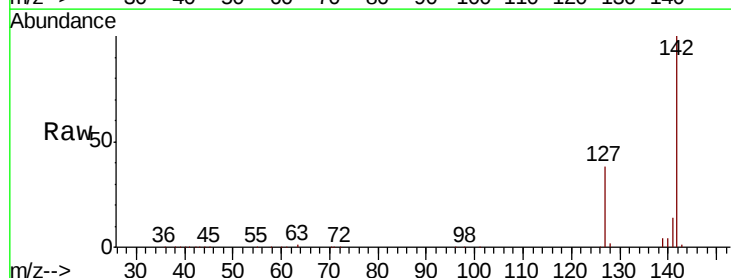
Tgt Ion:142 Resp: 746044

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.6

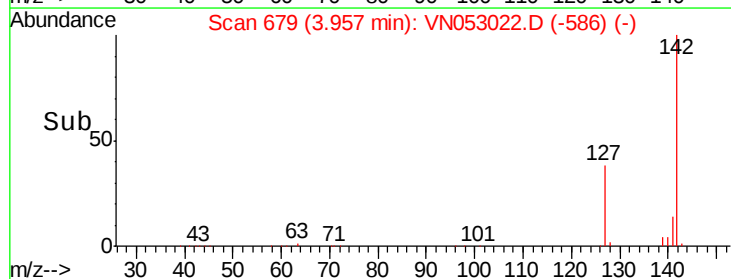
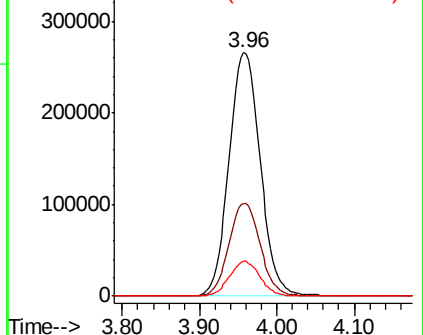
141 14.0 11.2 16.8

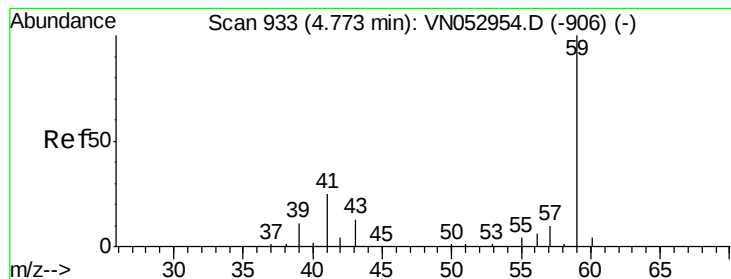


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 248.837 ug/l

RT: 4.77 min Scan# 933

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

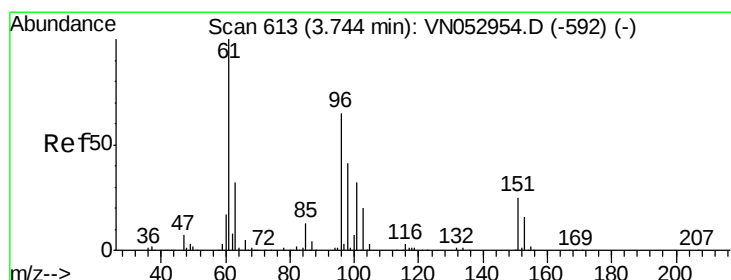
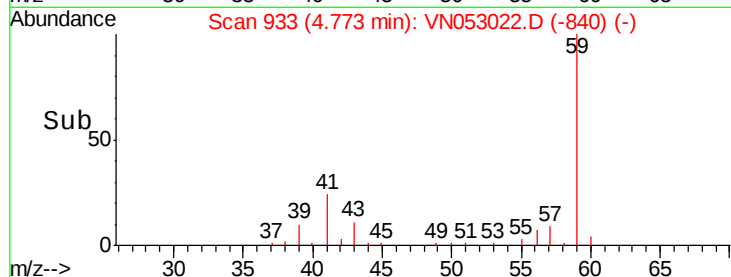
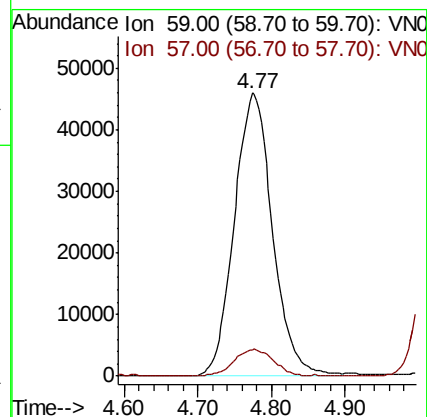
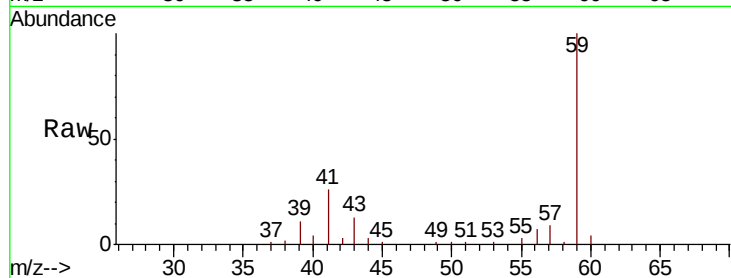
ClientSampled :

Tot Ion: 59 Resp: 165797

Ion Ratio Lower Upper

59 100

57 9.9 7.7 11.5



#12

1,1-Dichloroethene

Concen: 48.531 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

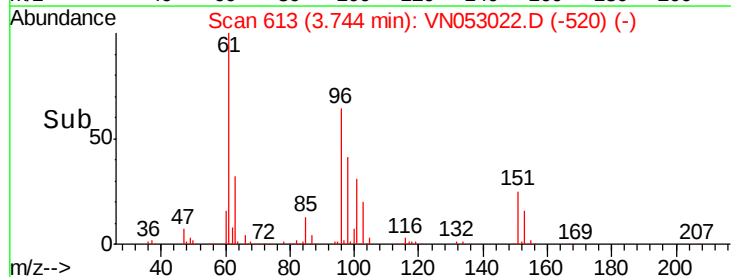
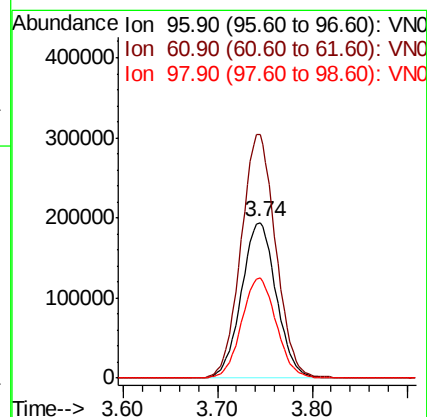
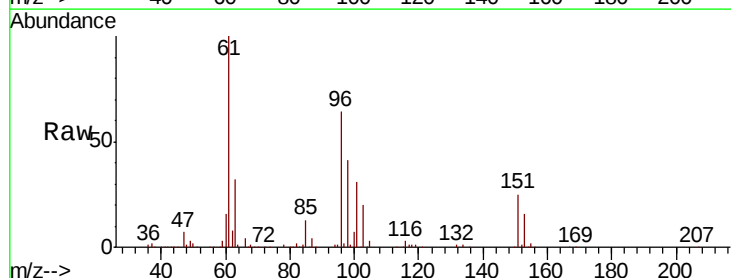
Tgt Ion: 96 Resp: 497746

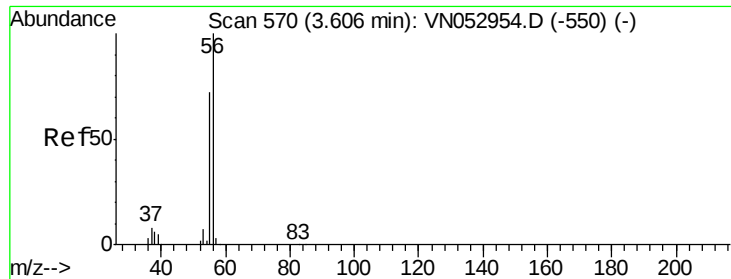
Ion Ratio Lower Upper

96 100

61 156.3 125.6 188.4

98 64.2 50.6 75.8

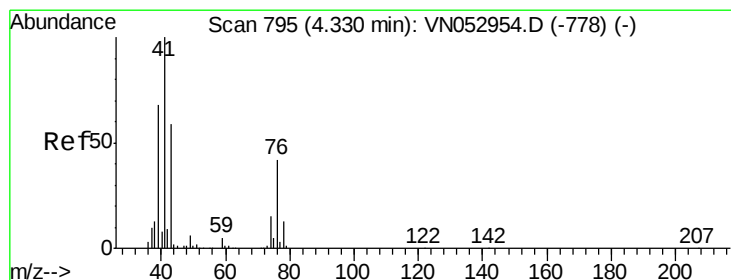
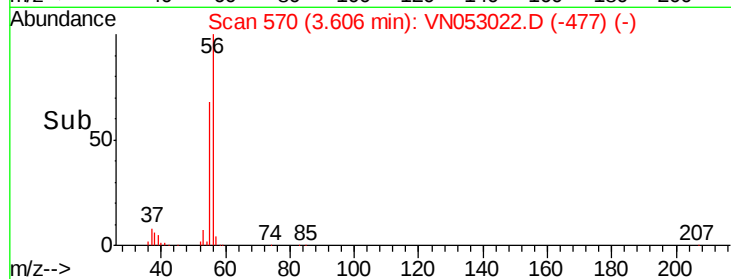
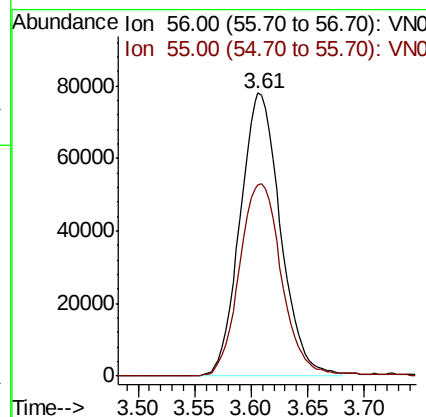
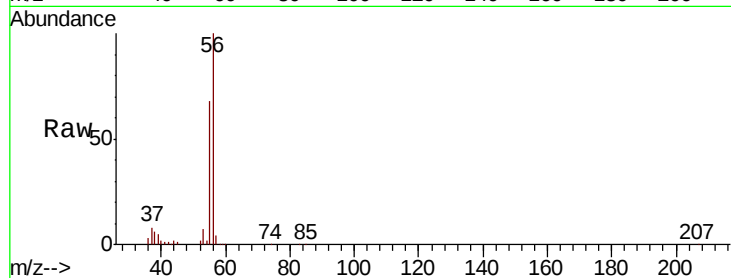




#13  
Acrolein  
Concen: 320.650 ug/l  
RT: 3.61 min Scan# 570  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

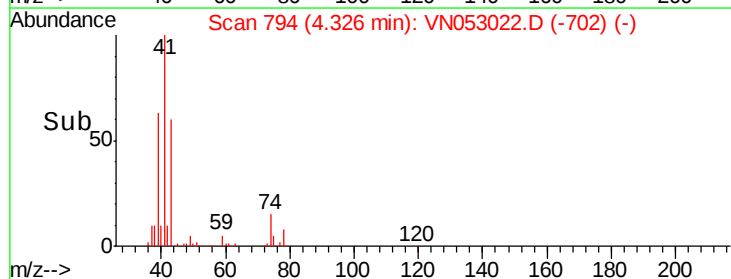
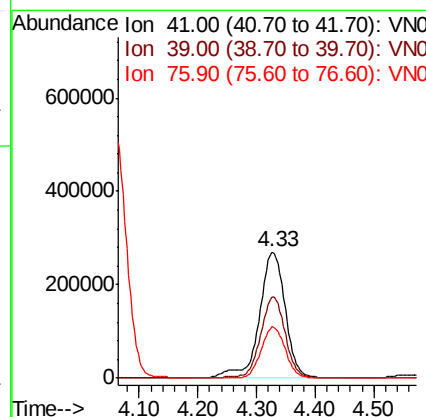
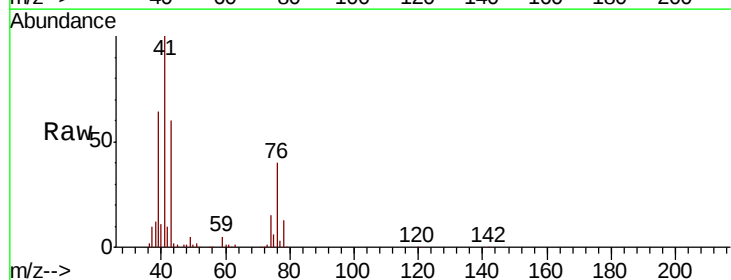
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 193721  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.6 85.0



#14  
Allyl chloride  
Concen: 52.311 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 41 Resp: 831034  
Ion Ratio Lower Upper  
41 100  
39 60.9 54.1 81.1  
76 36.9 30.3 45.5





#15

Acrylonitrile

Concen: 248.448 ug/l

RT: 4.98 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampleId :

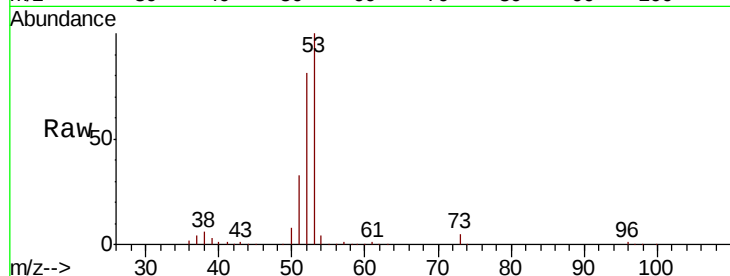
Tot Ion: 53 Resp: 919644

Ion Ratio Lower Upper

53 100

52 82.2 65.1 97.7

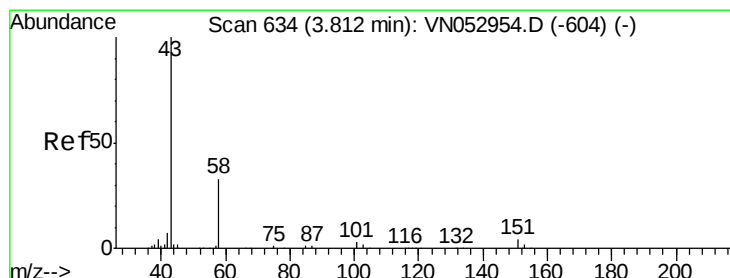
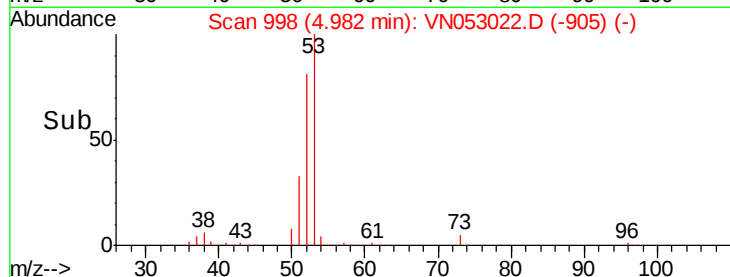
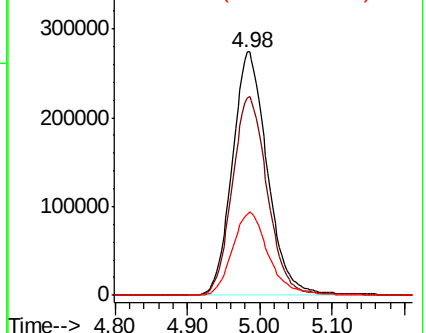
51 35.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052954.D (-973) (-)

Ion 52.00 (51.70 to 52.70): VN052954.D (-973) (-)

Ion 51.00 (50.70 to 51.70): VN052954.D (-973) (-)



#16

Acetone

Concen: 258.018 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053022.D

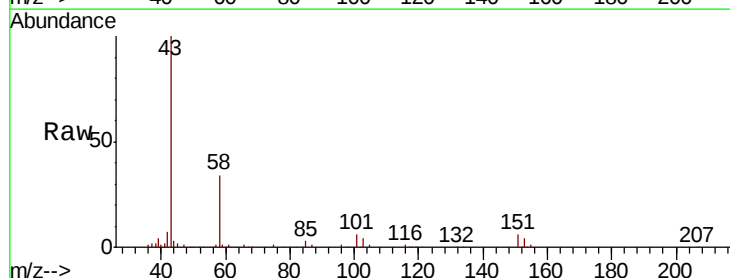
Acq: 19 Dec 2018 20:10

Tgt Ion: 43 Resp: 552428

Ion Ratio Lower Upper

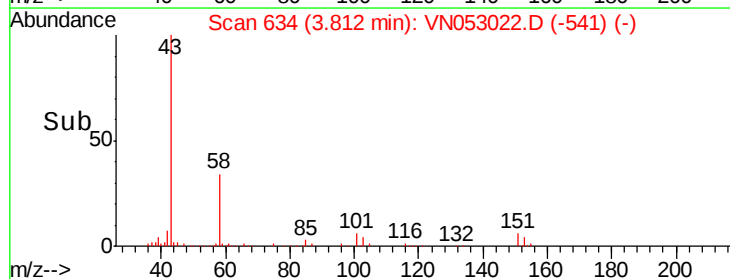
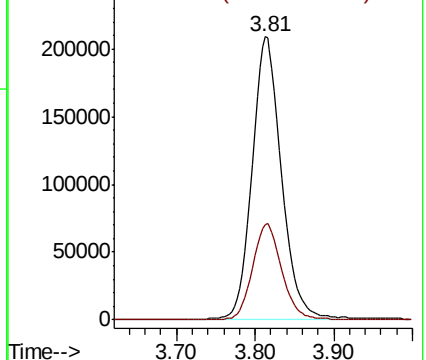
43 100

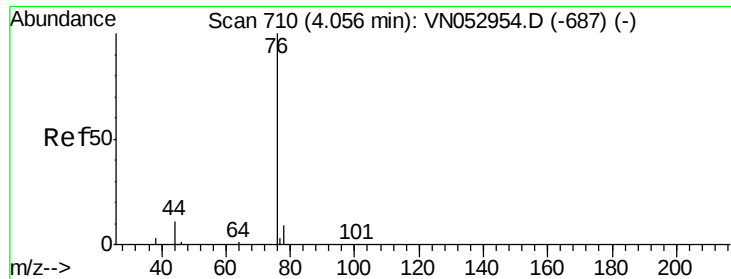
58 33.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

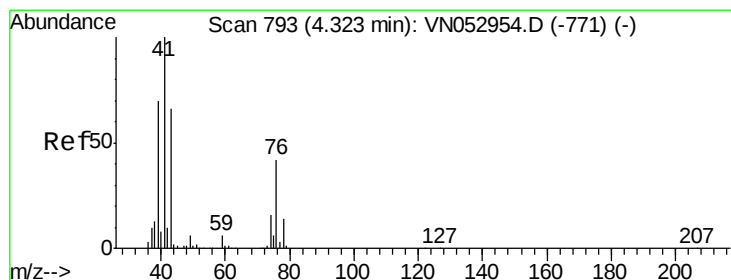
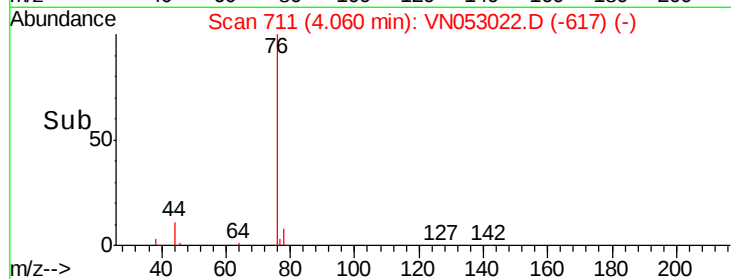
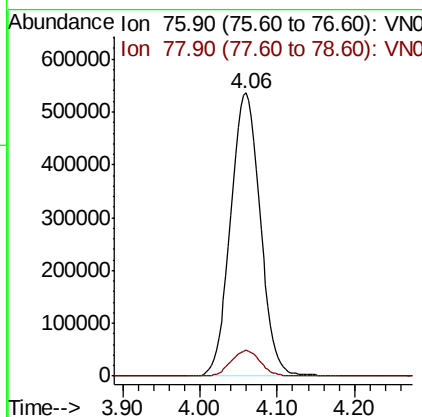
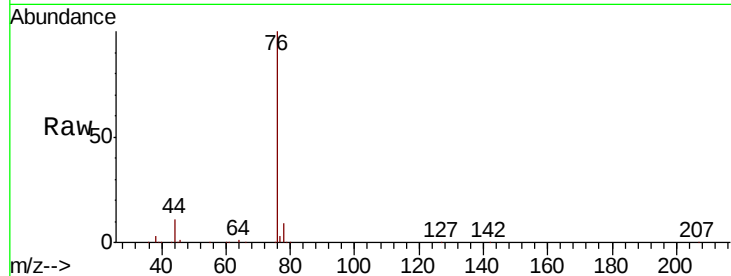




#17  
Carbon Disulfide  
Concen: 42.505 ug/l  
RT: 4.06 min Scan# 711  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

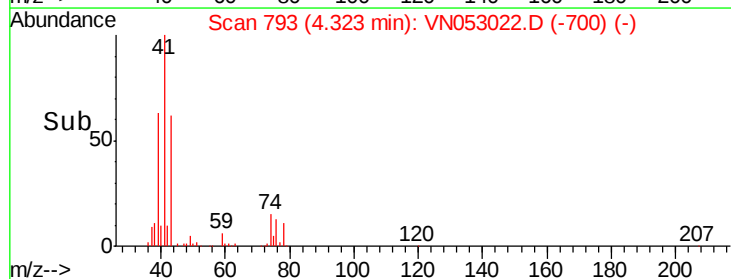
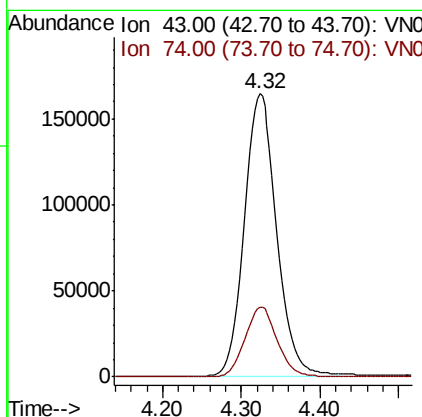
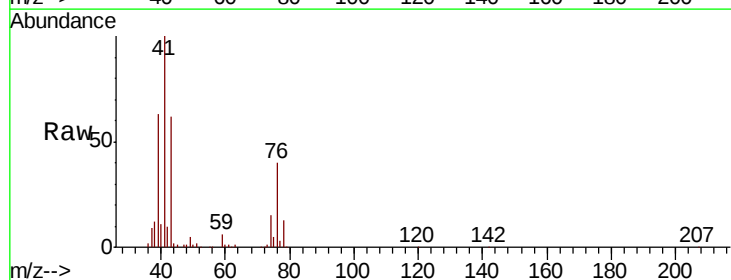
Instrument :  
MSVOA\_N  
ClientSampled :

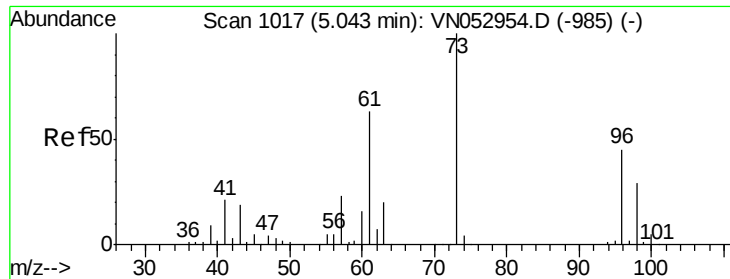
Tot Ion: 76 Resp: 1421687  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.1 10.7



#18  
Methyl Acetate  
Concen: 48.940 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 43 Resp: 475376  
Ion Ratio Lower Upper  
43 100  
74 24.8 19.2 28.8

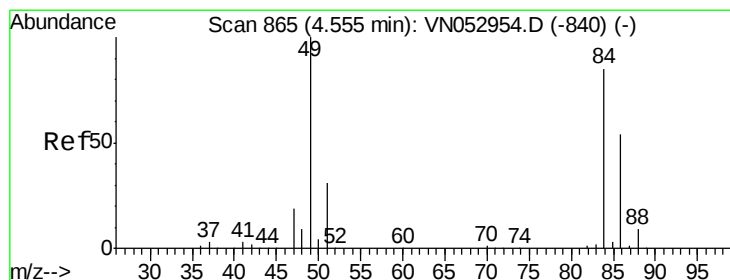
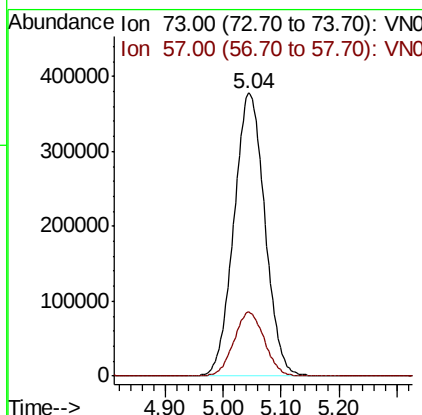
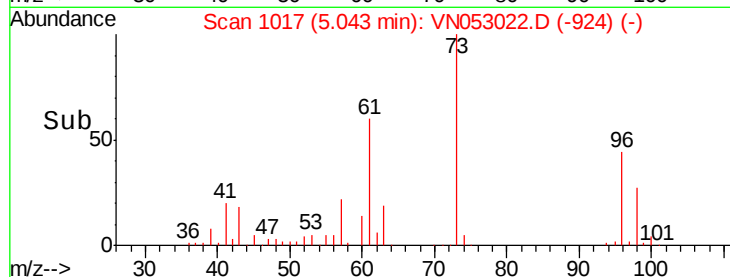
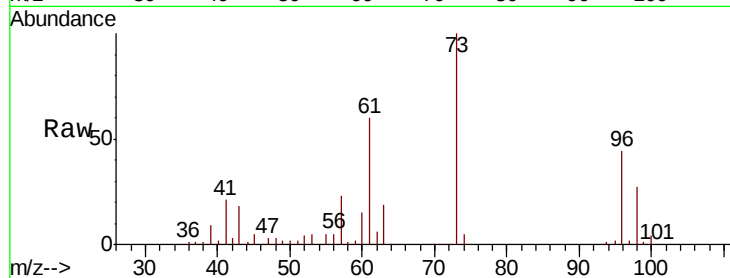




#19  
Methvl tert-butvl Ether  
Concen: 51.191 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

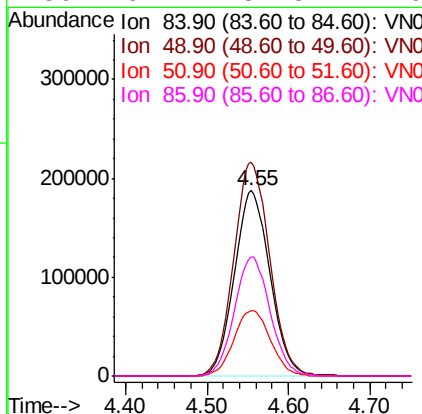
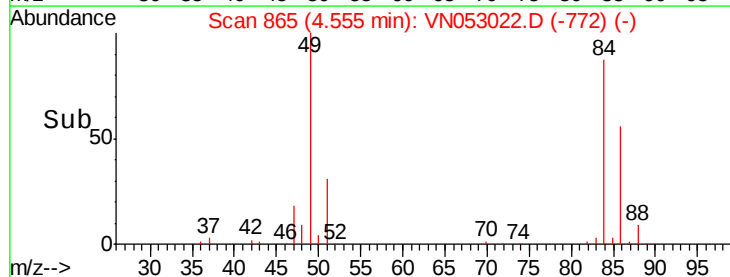
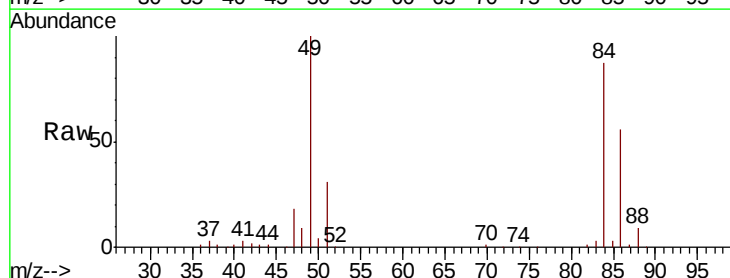
Instrument :  
MSVOA\_N  
ClientSampleId :

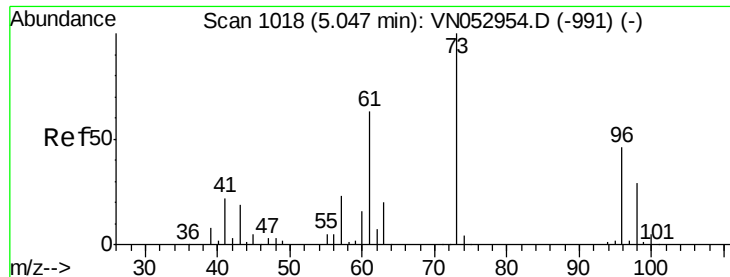
Tot Ion: 73 Resp: 1405016  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.4 27.6



#20  
Methylene Chloride  
Concen: 48.730 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 84 Resp: 569123  
Ion Ratio Lower Upper  
84 100  
49 115.3 96.8 145.2  
51 35.2 29.9 44.9  
86 64.4 51.8 77.6

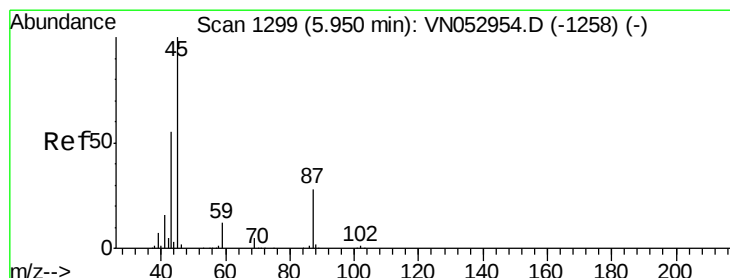
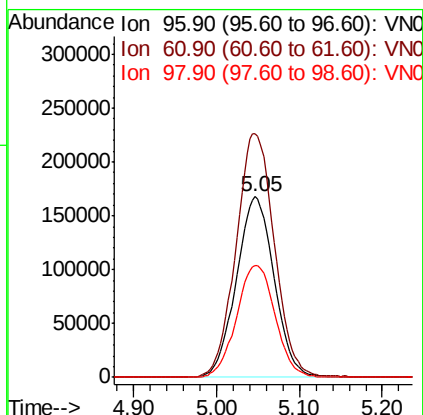
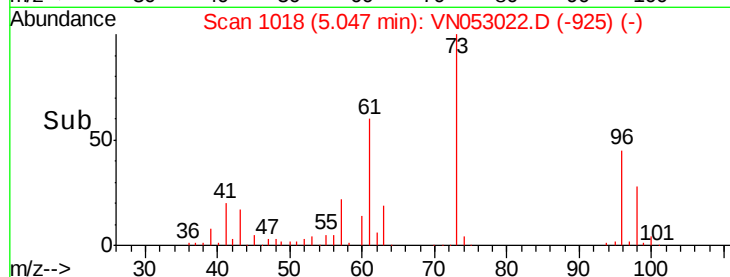
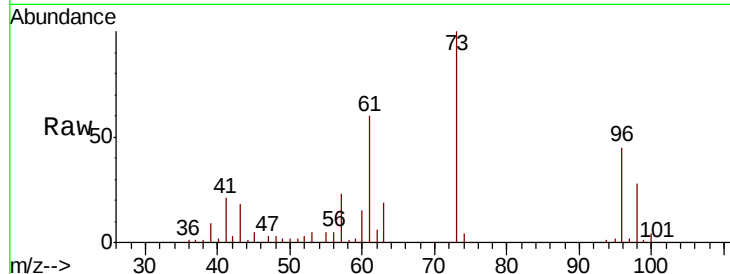




#21  
trans-1,2-Dichloroethene  
Concen: 48.337 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

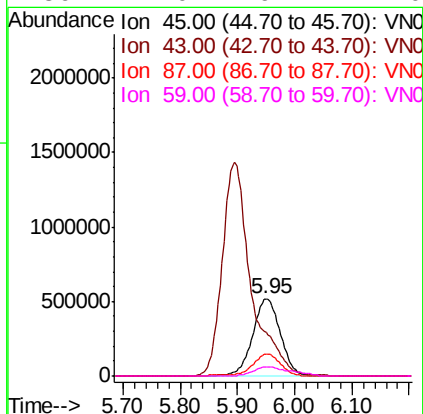
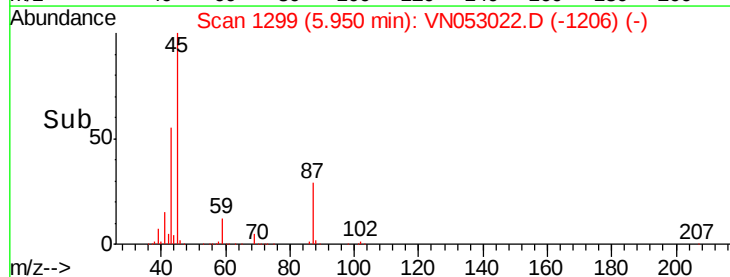
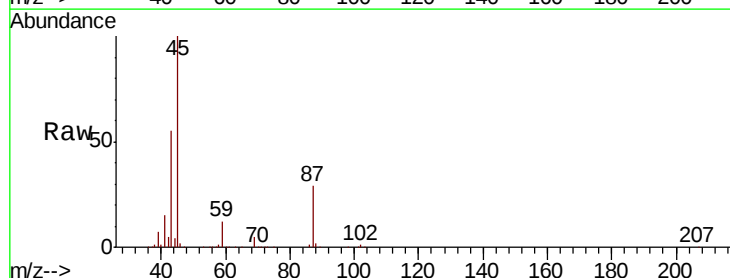
Instrument :  
MSVOA\_N  
ClientSampled :

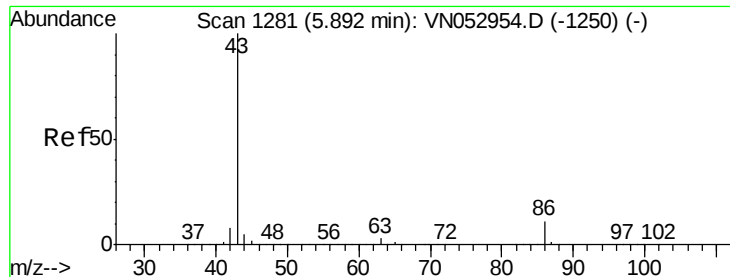
Tot Ion: 96 Resp: 532642  
Ion Ratio Lower Upper  
96 100  
61 134.8 110.8 166.2  
98 62.2 51.4 77.2



#22  
Diisopropyl ether  
Concen: 51.316 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 45 Resp: 1740137  
Ion Ratio Lower Upper  
45 100  
43 55.4 45.5 68.3  
87 28.5 22.0 33.0  
59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 257.959 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

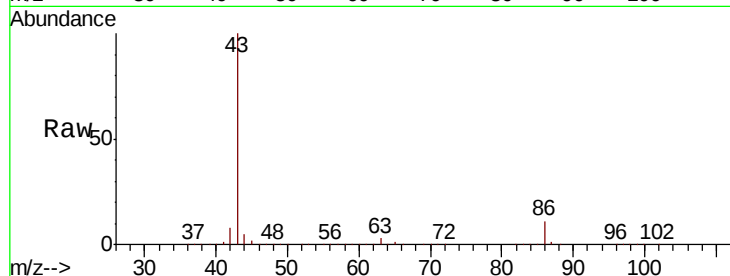
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 5030003

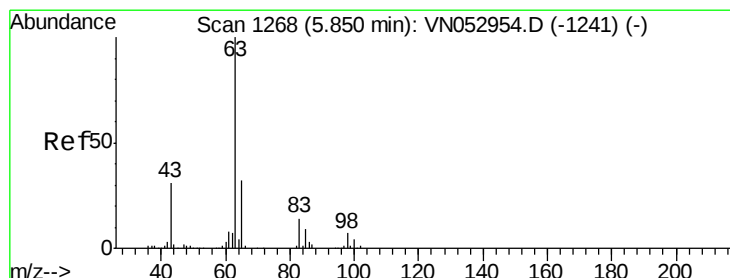
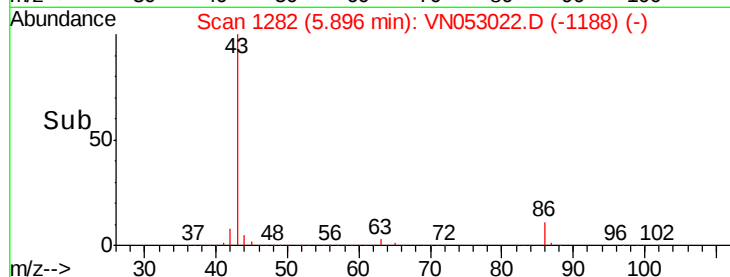
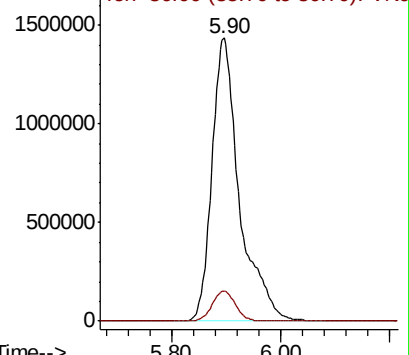
Ion Ratio Lower Upper

43 100

86 10.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN053022.D (-1188) (-)



#24

1,1-Dichloroethane

Concen: 49.613 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

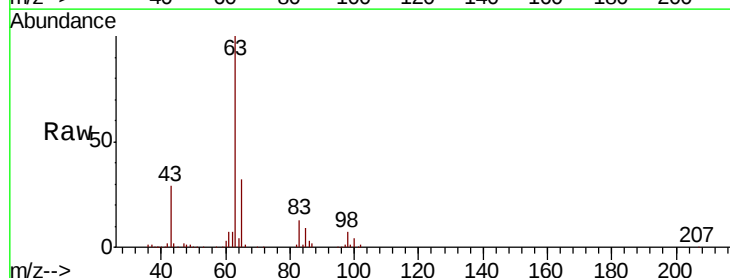
Tgt Ion: 63 Resp: 999722

Ion Ratio Lower Upper

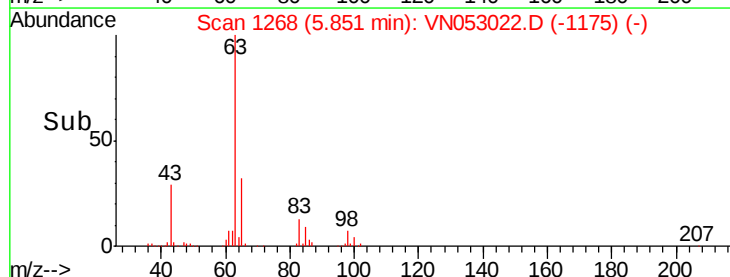
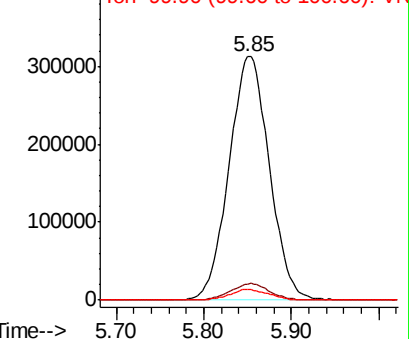
63 100

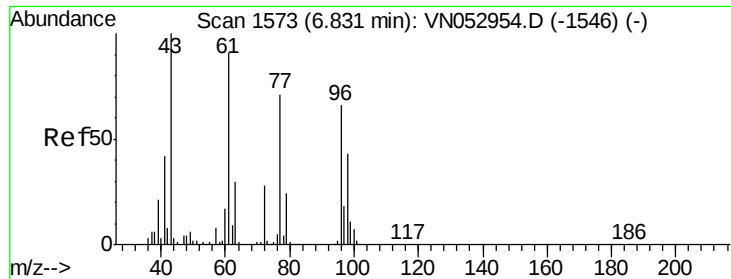
98 6.6 3.1 9.4

100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN053022.D (-1175) (-)





#25

2-Butanone

Concen: 264.617 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

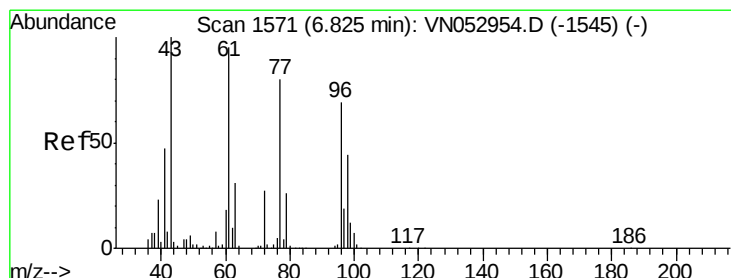
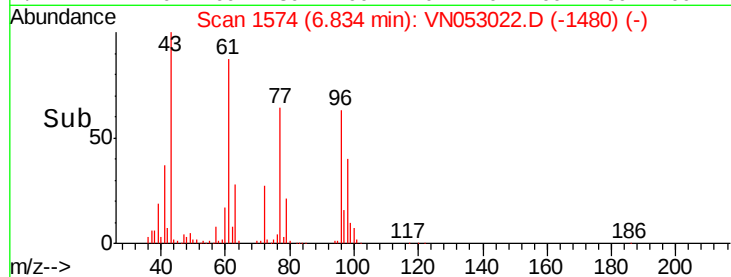
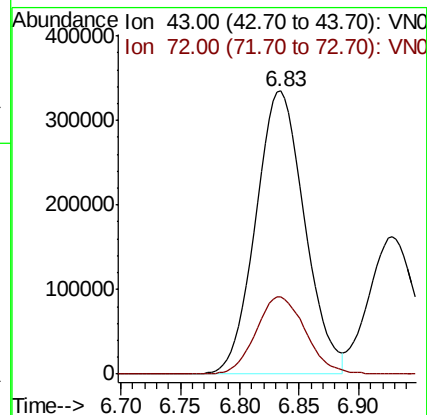
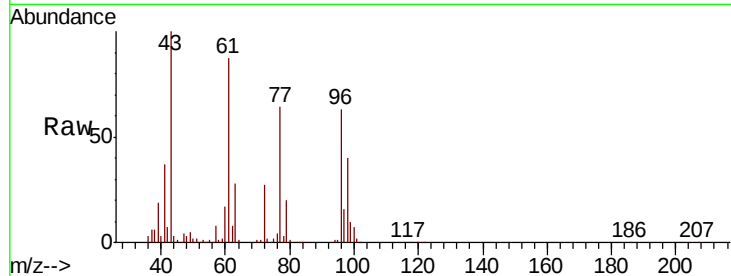
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 950823

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 46.539 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053022.D

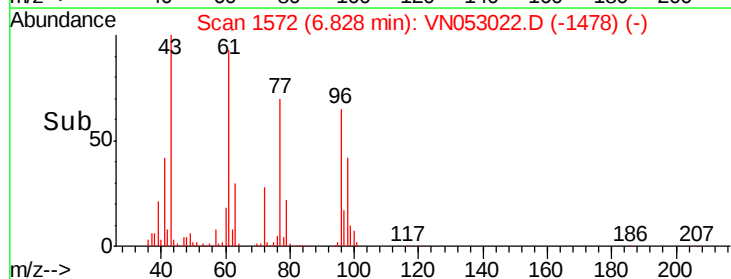
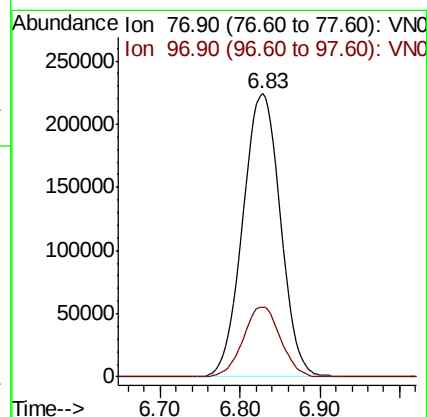
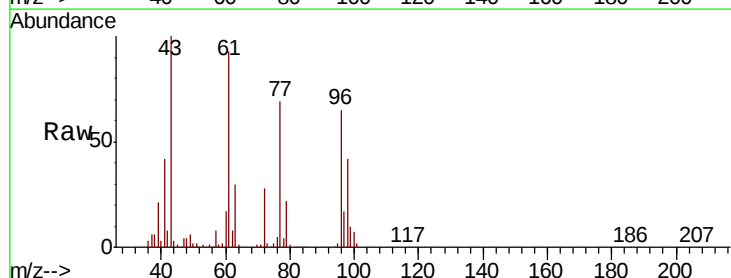
Acq: 19 Dec 2018 20:10

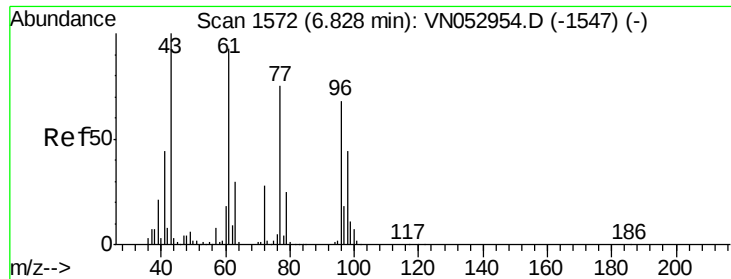
Tgt Ion: 77 Resp: 715855

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 49.744 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :  
MSVOA\_N  
ClientSampled :

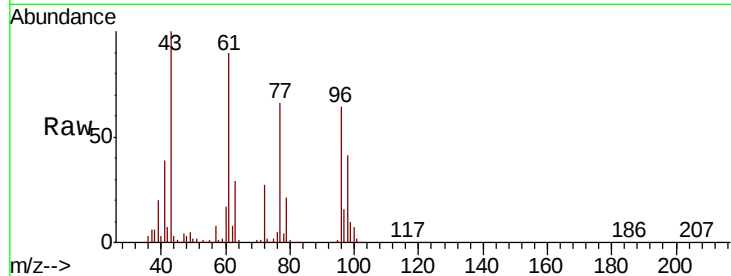
Tot Ion: 96 Resp: 620567

Ion Ratio Lower Upper

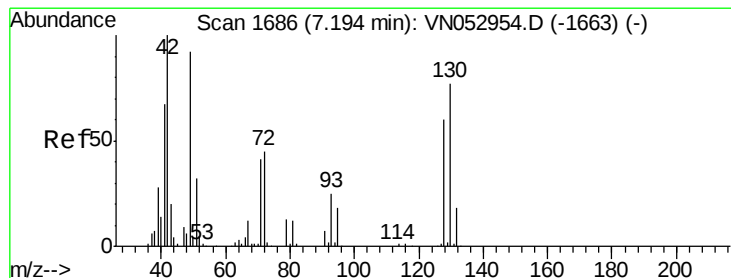
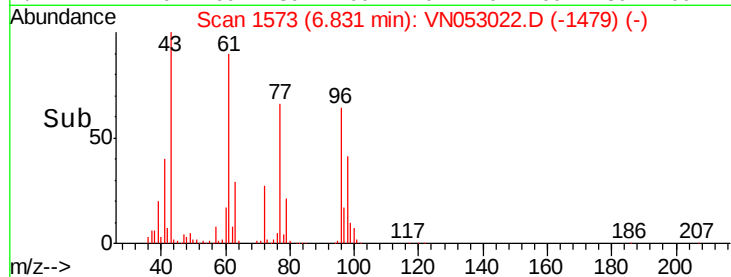
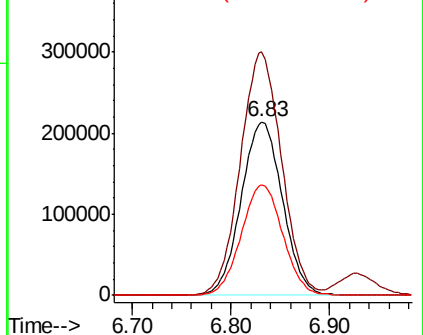
96 100

61 139.8 0.0 284.2

98 64.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.160 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

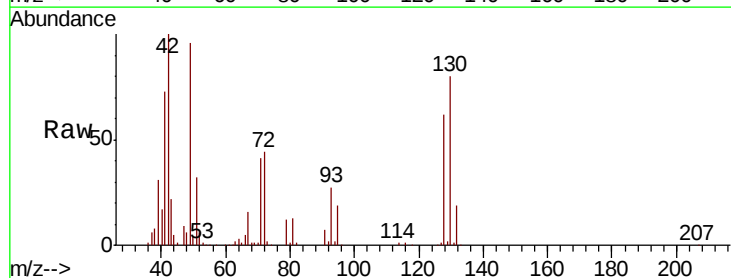
Tgt Ion: 49 Resp: 437968

Ion Ratio Lower Upper

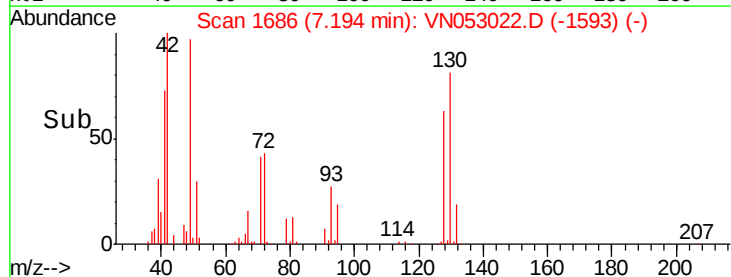
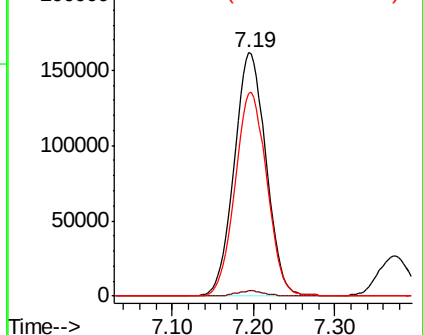
49 100

129 2.0 0.0 4.0

130 83.6 63.3 94.9



Abundance Ion 48.90 (48.60 to 49.60): VN0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

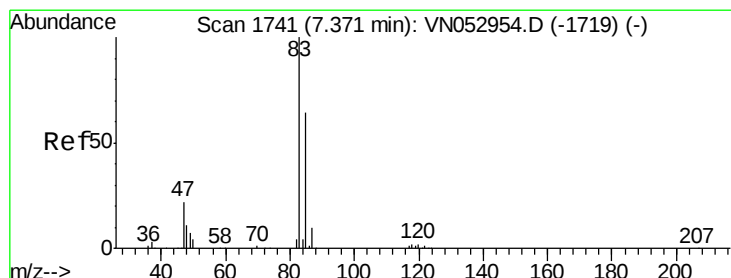
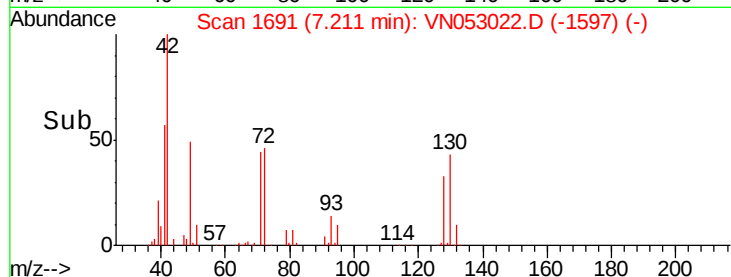
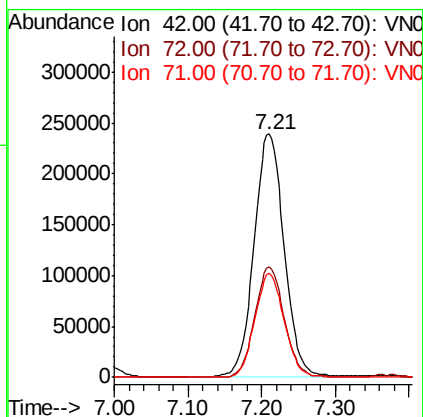
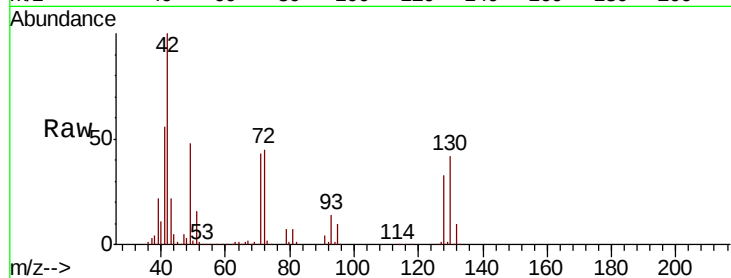




#29  
Tetrahydrofuran  
Concen: 252.422 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

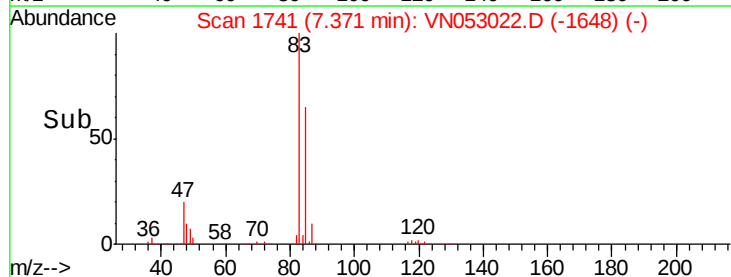
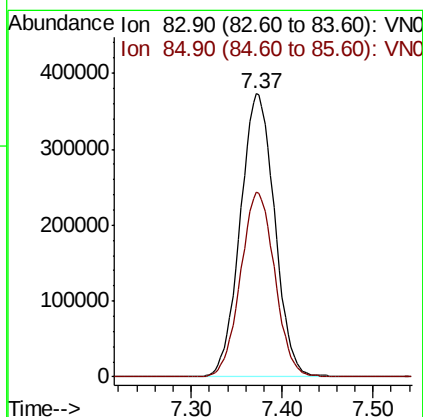
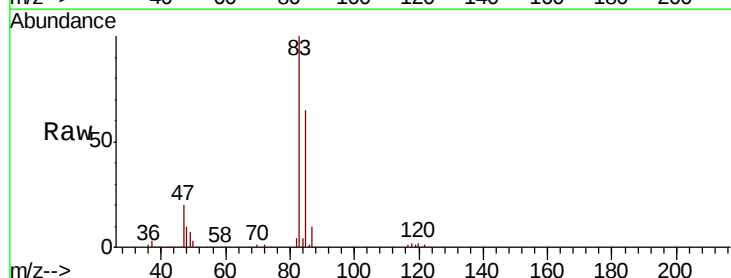
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 42 Resp: 677413  
Ion Ratio Lower Upper  
42 100  
72 44.6 34.7 52.1  
71 41.8 32.3 48.5



#30  
Chloroform  
Concen: 49.439 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 83 Resp: 978618  
Ion Ratio Lower Upper  
83 100  
85 65.1 52.1 78.1





#31

Cyclohexane

Concen: 48.432 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :  
MSVOA\_N  
ClientSampled :

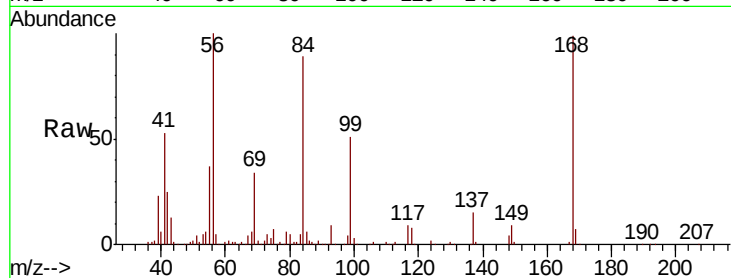
Tot Ion: 56 Resp: 915906

Ion Ratio Lower Upper

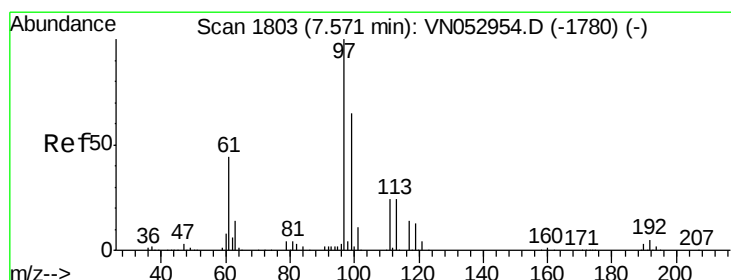
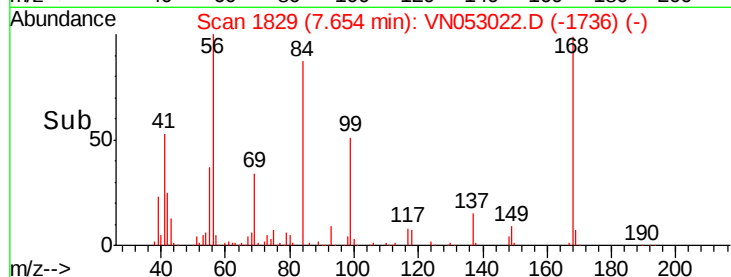
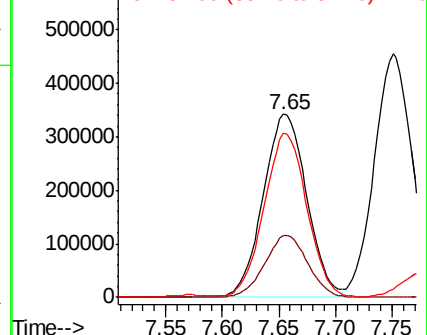
56 100

69 33.6 26.6 39.8

84 88.1 68.4 102.6



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



#32

1,1,1-Trichloroethane

Concen: 48.495 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

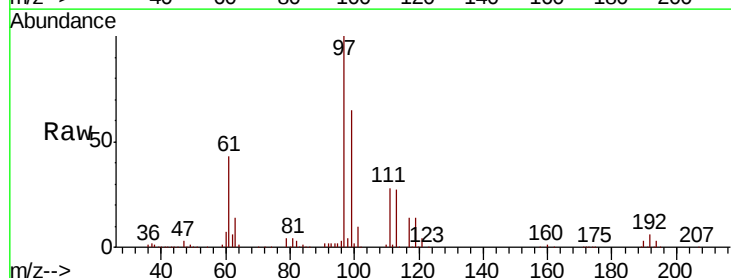
Tgt Ion: 97 Resp: 817741

Ion Ratio Lower Upper

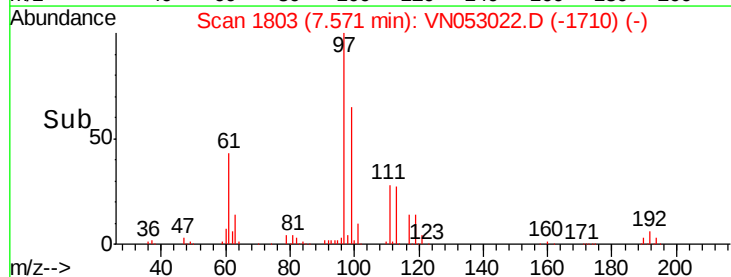
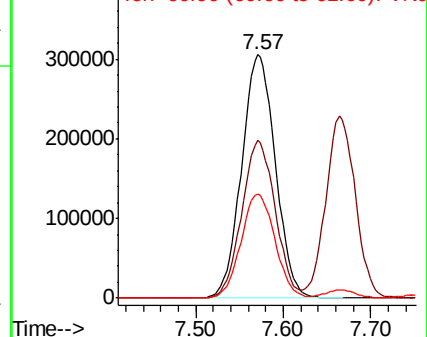
97 100

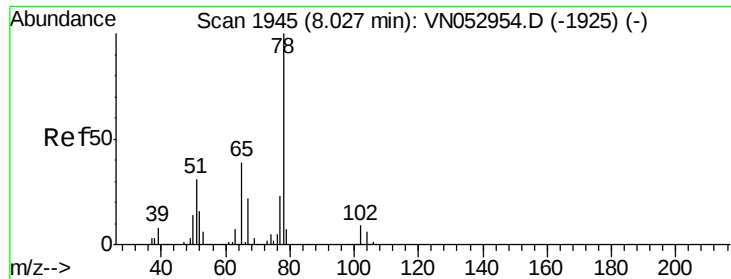
99 64.4 51.1 76.7

61 42.9 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0

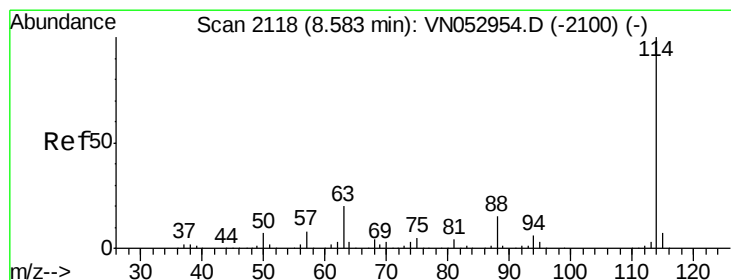
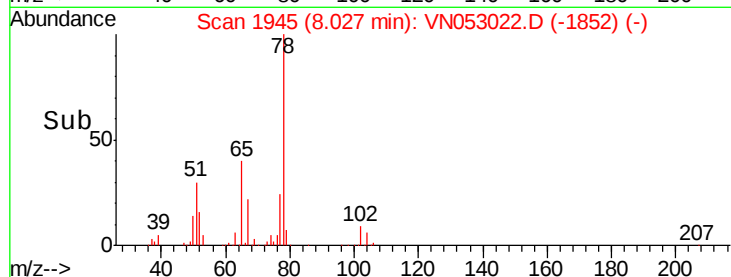
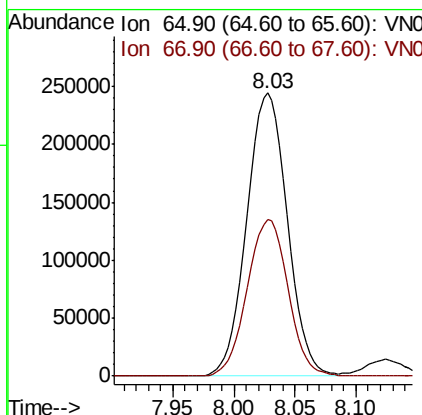
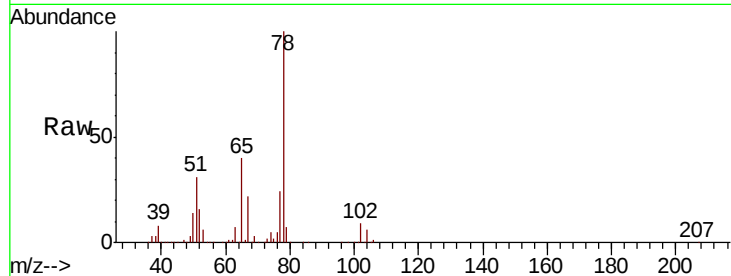




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.495 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

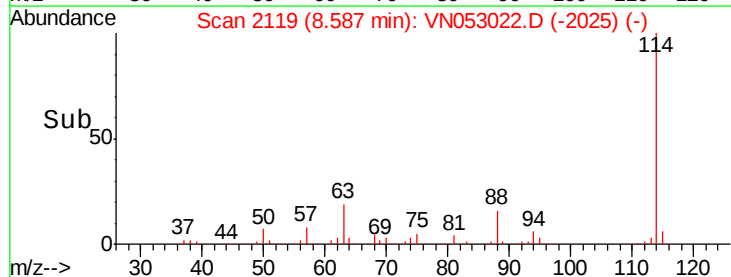
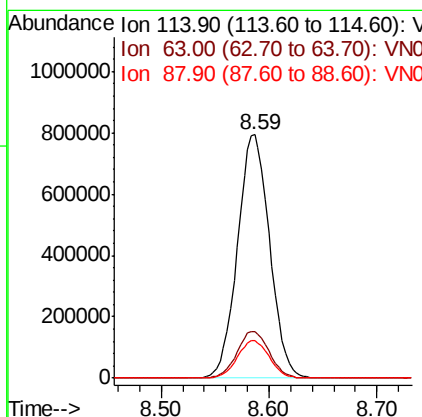
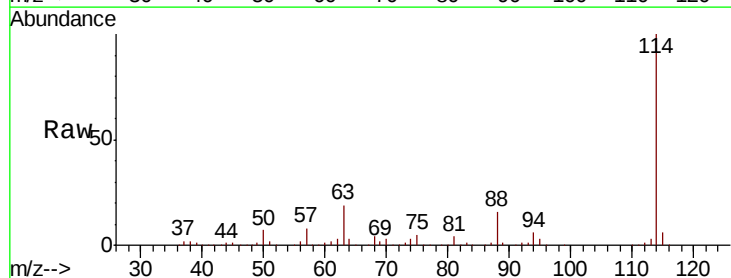
Instrument :  
 MSVOA\_N  
 ClientSampled :

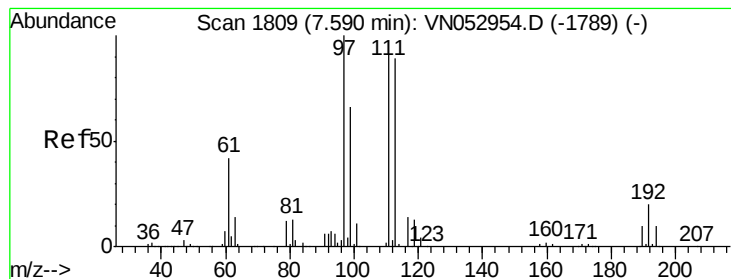
Tot Ion: 65 Resp: 563507  
 Ion Ratio Lower Upper  
 65 100  
 67 55.8 0.0 110.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Tgt Ion: 114 Resp: 1644754  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 39.8  
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :  
MSVOA\_N  
ClientSampled :

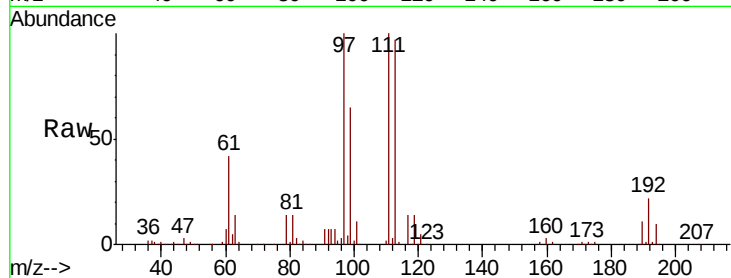
Tot Ion:113 Resp: 451738

Ion Ratio Lower Upper

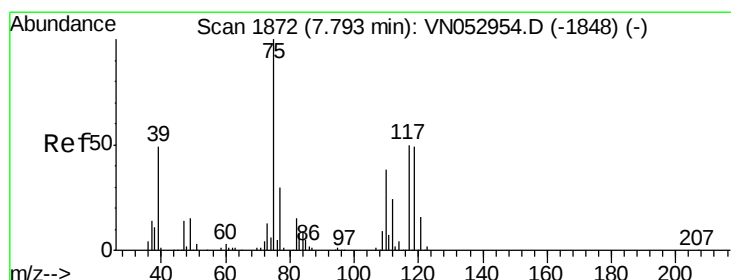
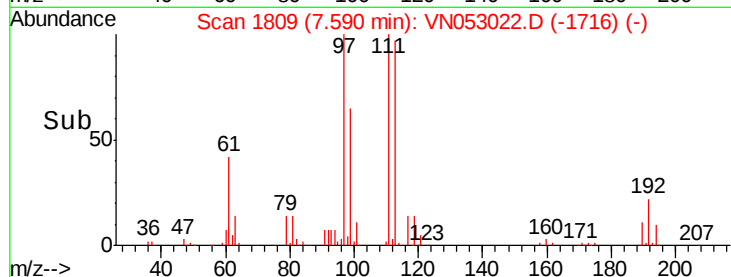
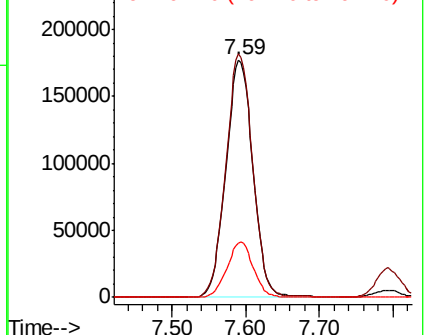
113 100

111 101.3 83.0 124.4

192 22.6 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.502 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

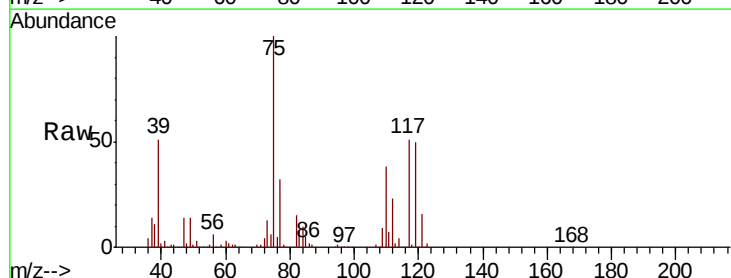
Tgt Ion: 75 Resp: 765696

Ion Ratio Lower Upper

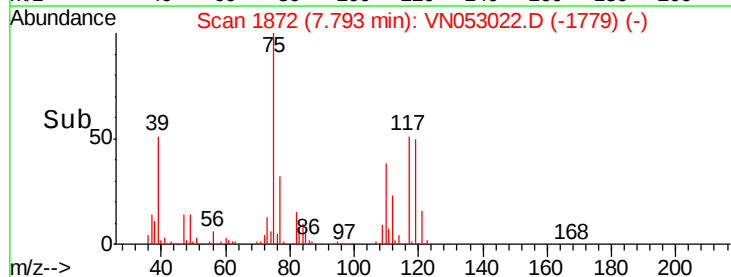
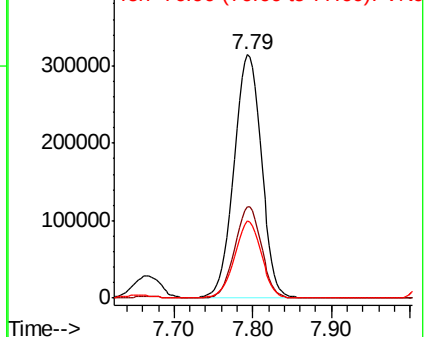
75 100

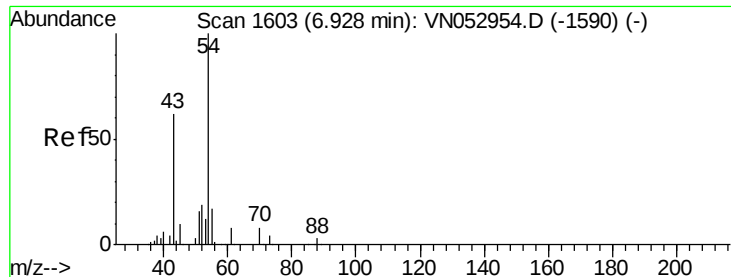
110 36.7 18.2 54.6

77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V

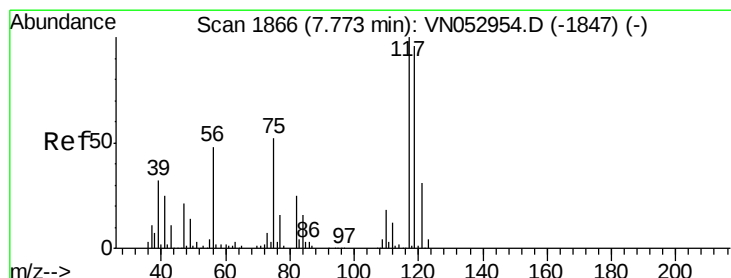
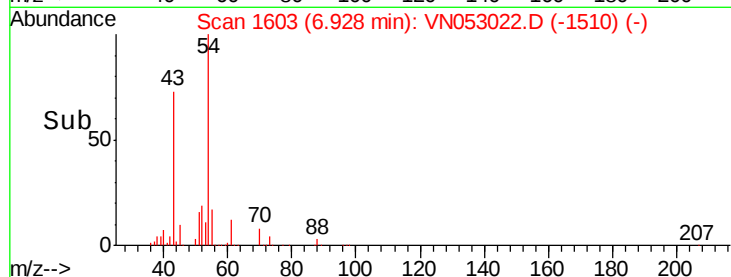
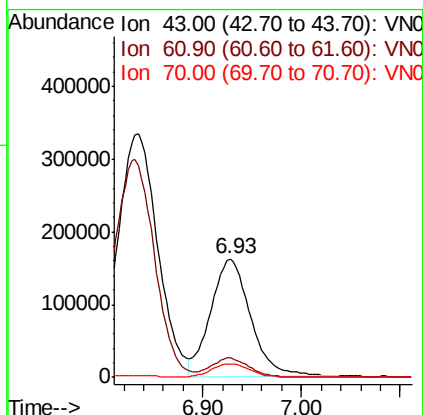
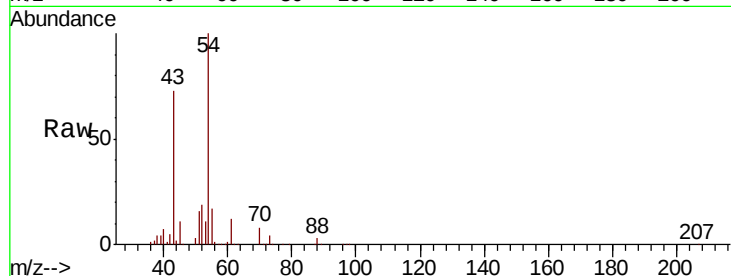




#37  
Ethyl Acetate  
Concen: 51.622 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

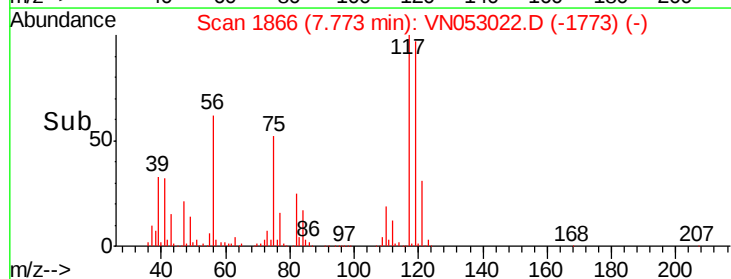
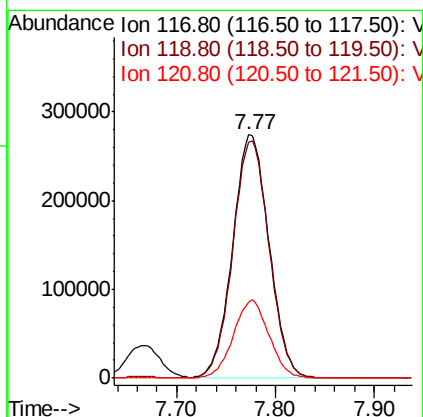
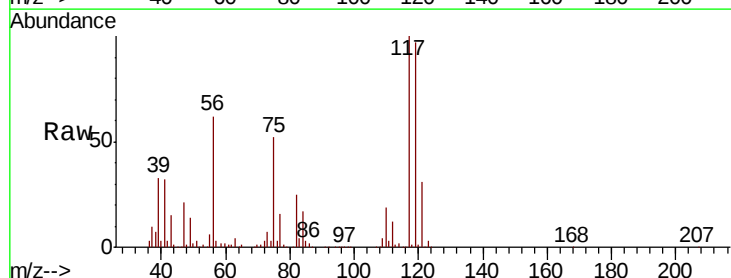
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 454945  
Ion Ratio Lower Upper  
43 100  
61 15.3 11.8 17.6  
70 11.1 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 48.394 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 117 Resp: 700257  
Ion Ratio Lower Upper  
117 100  
119 97.1 77.1 115.7  
121 31.4 24.9 37.3

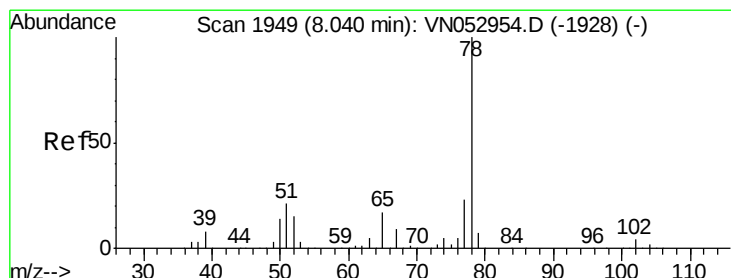
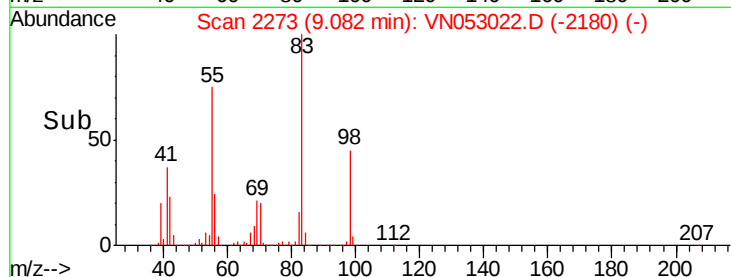
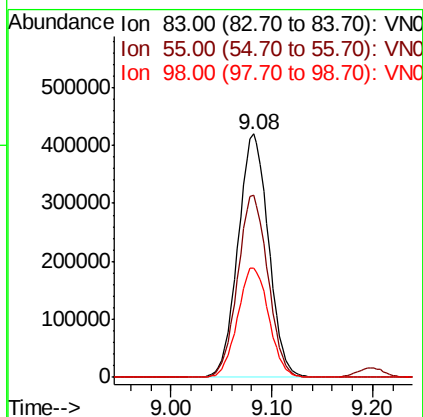
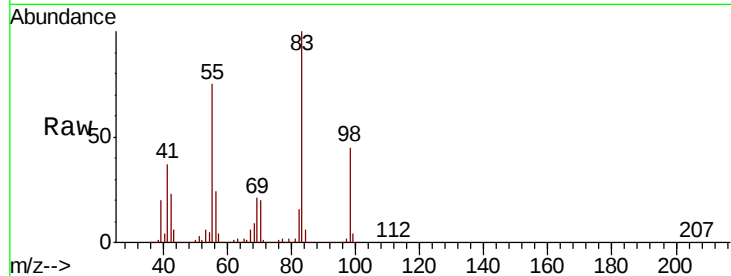




#39  
Methvlcvclohexane  
Concen: 45.741 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

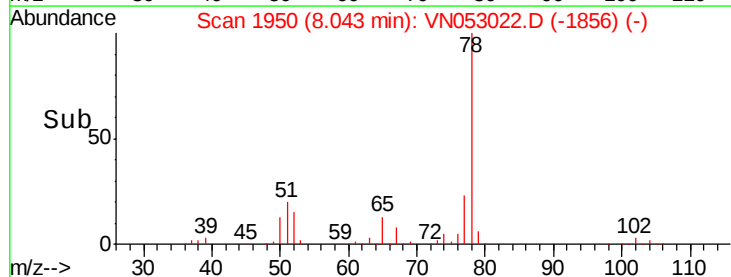
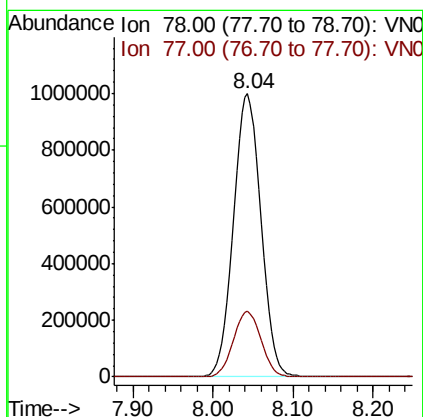
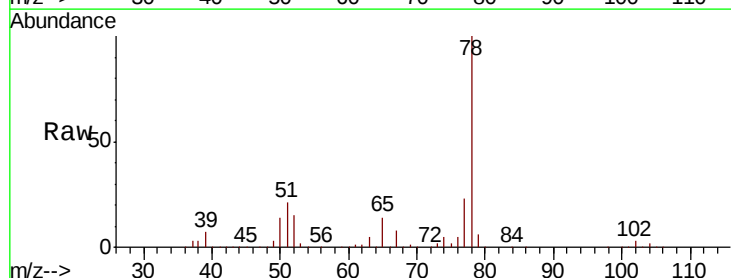
Instrument :  
MSVOA\_N  
ClientSampleId :

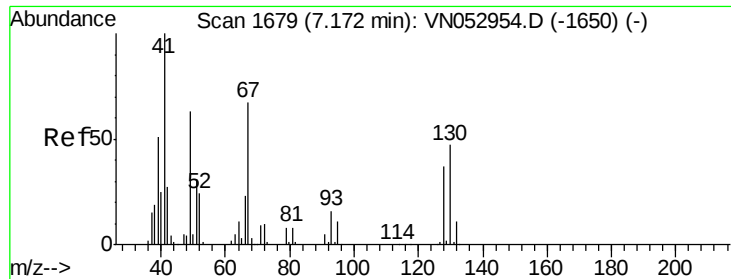
Tot Ion: 83 Resp: 877201  
Ion Ratio Lower Upper  
83 100  
55 74.7 61.3 91.9  
98 45.0 37.0 55.4



#40  
Benzene  
Concen: 49.287 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 78 Resp: 2314379  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.5 27.7

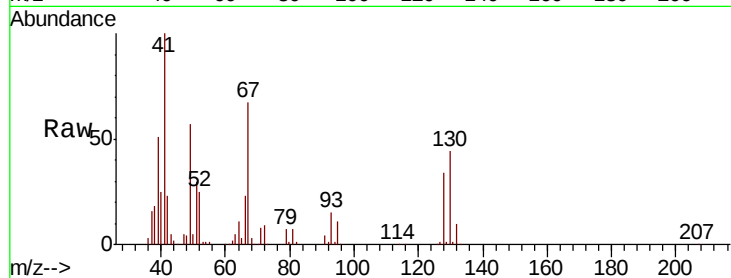




#41  
Methacrylonitrile  
Concen: 54.435 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 277185 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 58.0  | 48.0  | 72.0   |
| 67       | 78.6  | 70.3  | 105.5  |
| 52       | 29.9  | 26.9  | 40.3   |



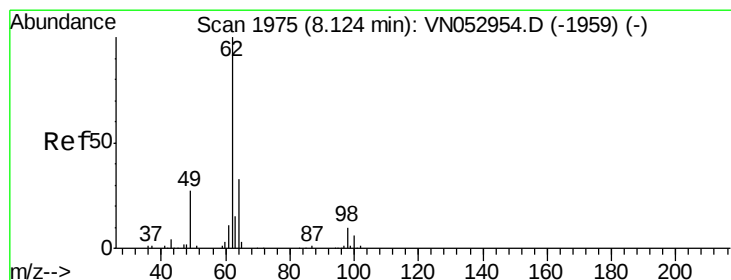
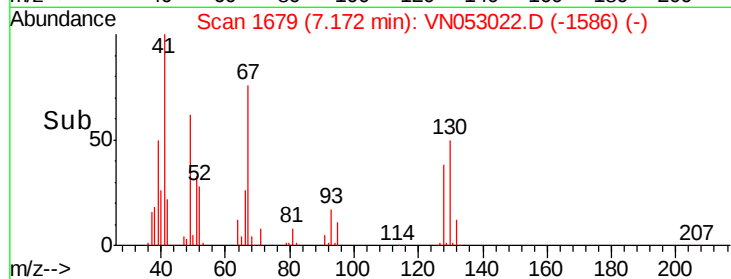
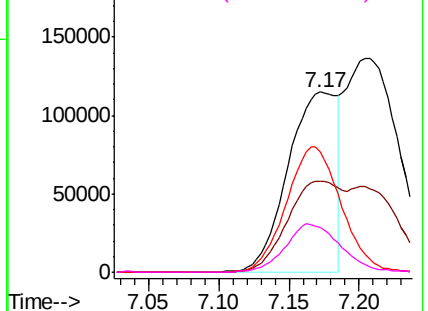
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

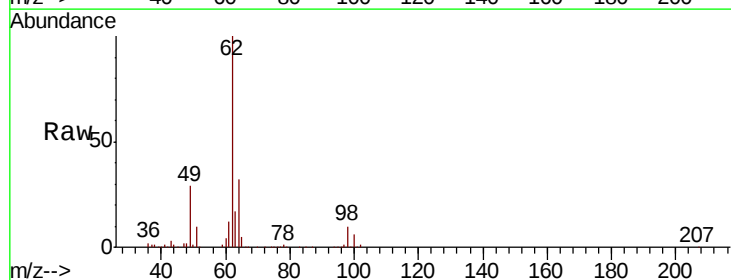
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42  
1,2-Dichloroethane  
Concen: 48.656 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

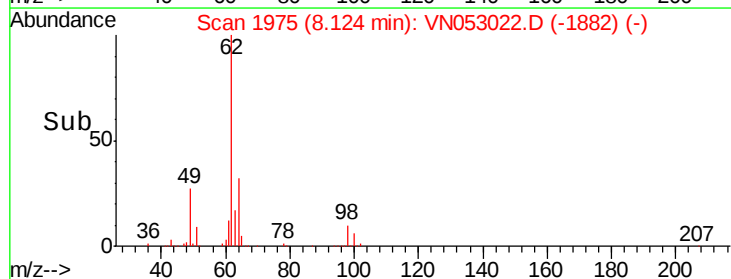
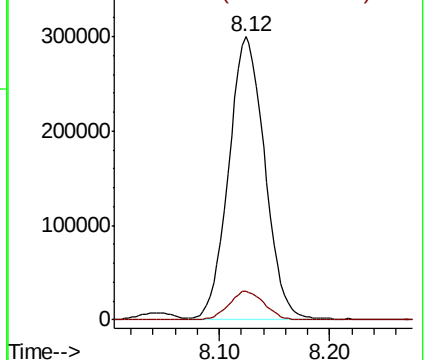
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 674957 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.1  | 0.0   | 19.0   |

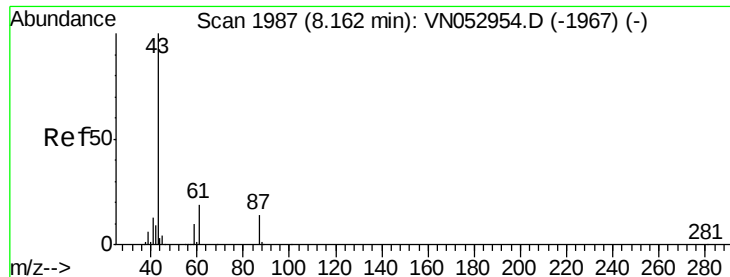


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



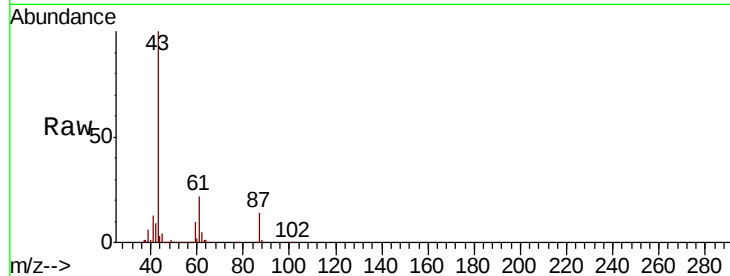


#43

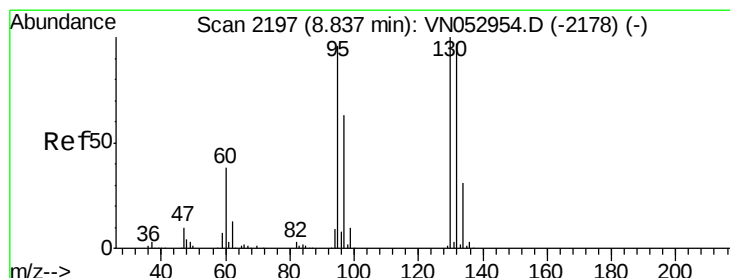
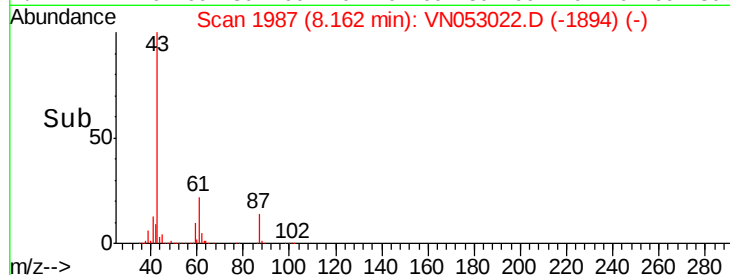
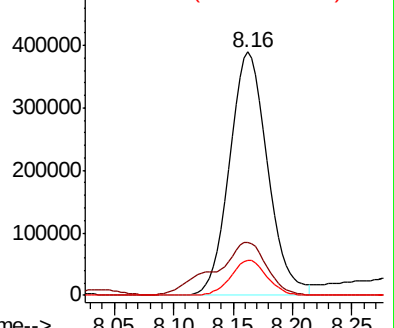
Isopropyl Acetate  
 Concen: 50.501 ug/l  
 RT: 8.16 min Scan# 1987  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion   | 43   | Resp | 861098 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 22.9 |      |        |
| Upper     | 34.3 |      |        |
| 61        | 29.3 |      |        |
| 87        | 13.8 |      |        |
|           | 10.6 |      |        |



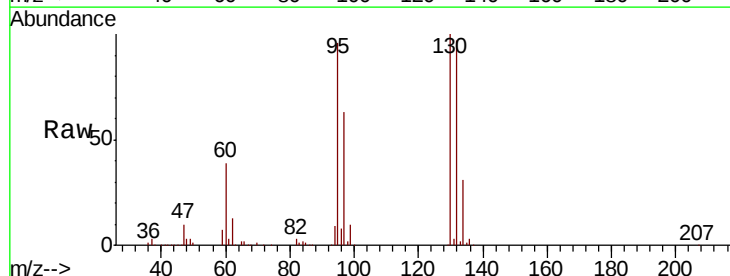
Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)



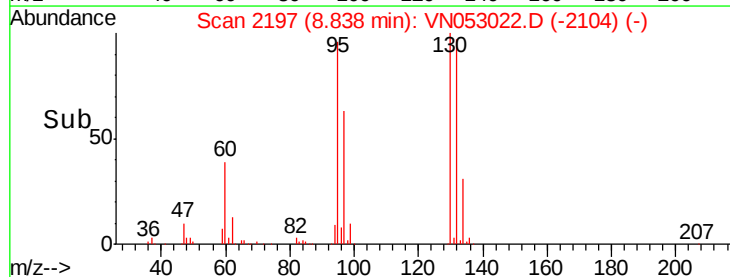
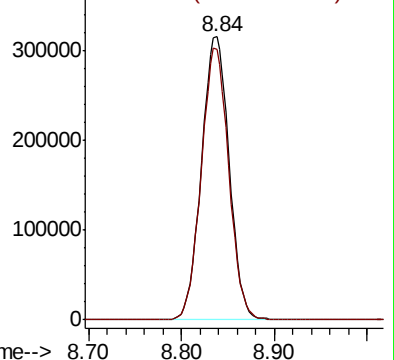
#44

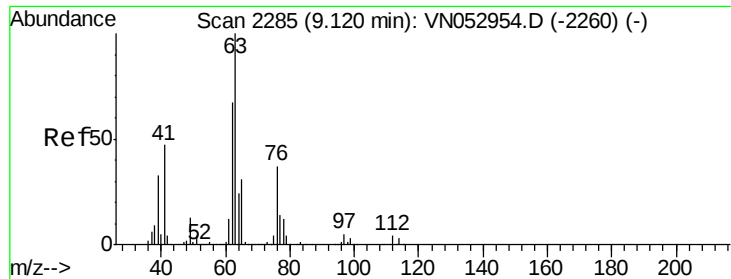
Trichloroethene  
 Concen: 48.013 ug/l  
 RT: 8.84 min Scan# 2197  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

| Tgt Ion                                    | 130   | Resp | 652111 |
|--------------------------------------------|-------|------|--------|
| Ion Ratio <td>100</td> <td></td> <td></td> | 100   |      |        |
| Lower <td>0.0</td> <td></td> <td></td>     | 0.0   |      |        |
| Upper <td>197.8</td> <td></td> <td></td>   | 197.8 |      |        |
| 95                                         | 95.7  |      |        |



Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)





#45

1,2-Dichloropropane

Concen: 50.365 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

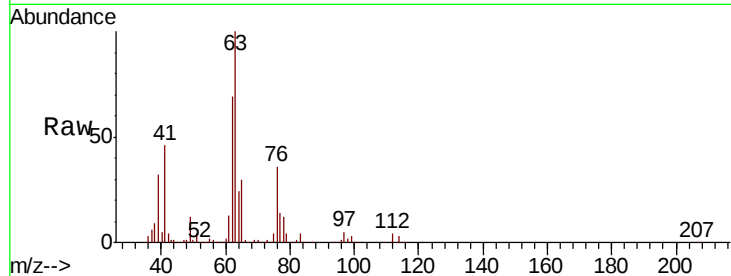
ClientSampleId :

Tot Ion: 63 Resp: 616019

Ion Ratio Lower Upper

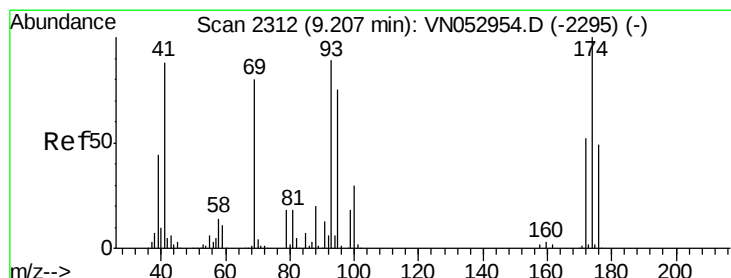
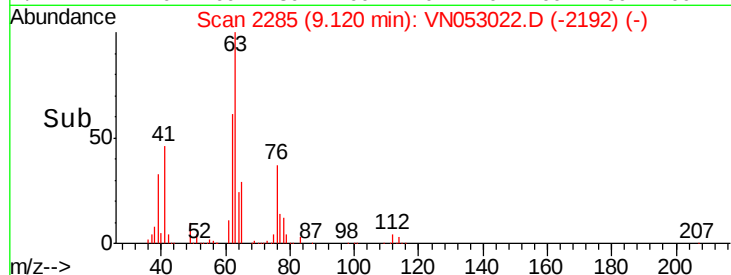
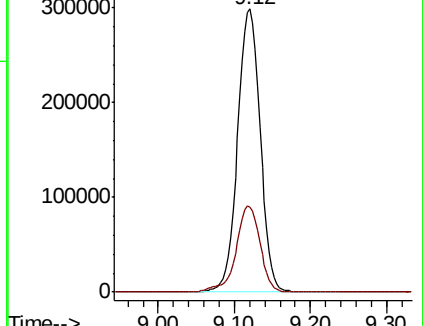
63 100

65 30.1 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.882 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

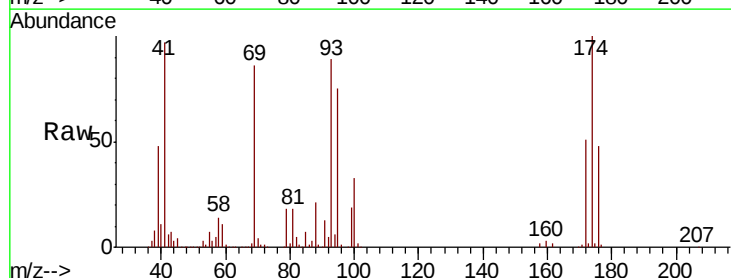
Tgt Ion: 93 Resp: 348289

Ion Ratio Lower Upper

93 100

95 84.7 67.8 101.6

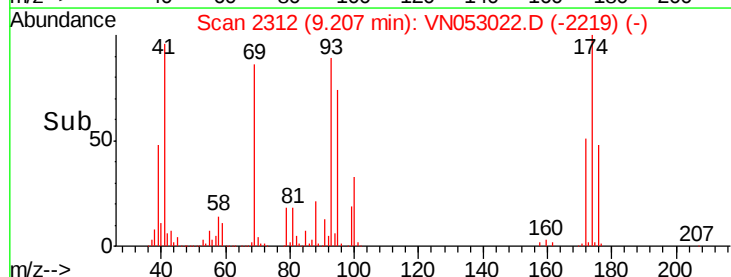
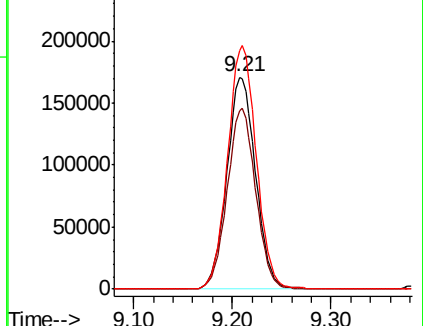
174 114.5 89.0 133.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.695 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :  
MSVOA\_N  
ClientSampleId :

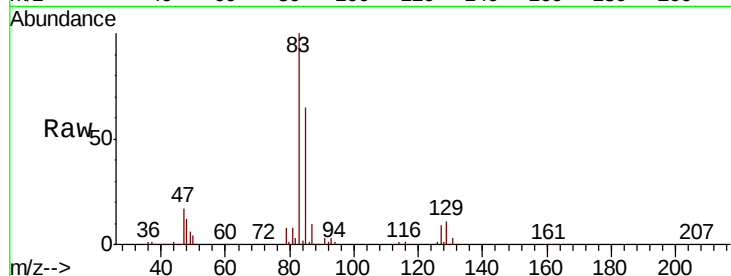
Tot Ion: 83 Resp: 737513

Ion Ratio Lower Upper

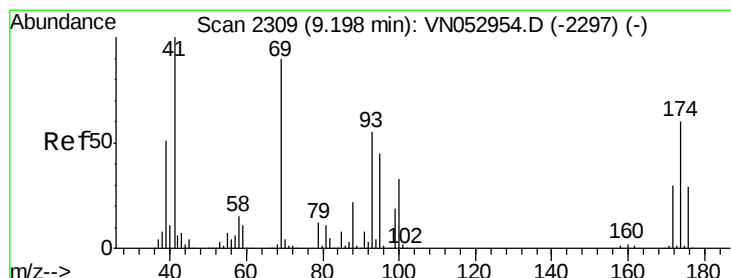
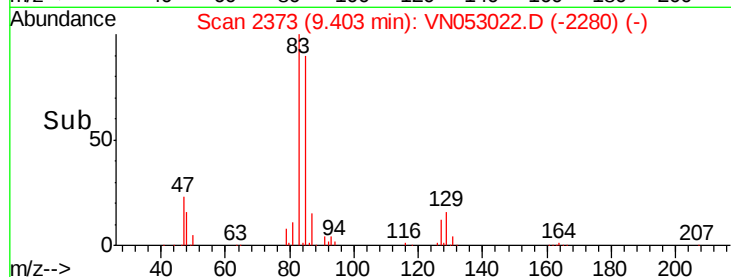
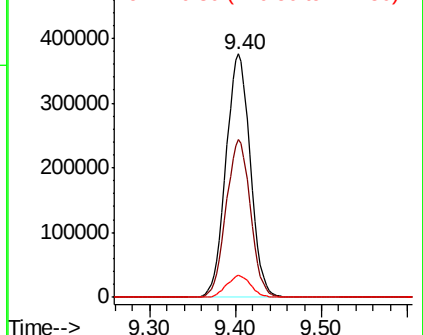
83 100

85 64.7 51.6 77.4

127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.715 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

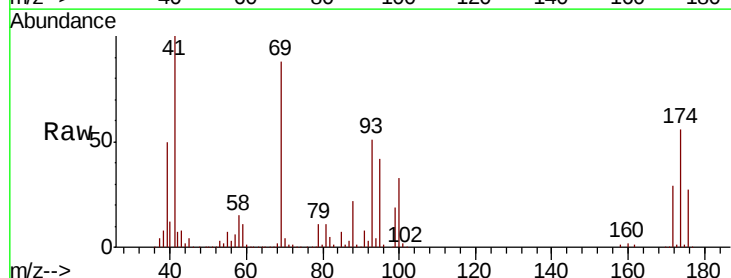
Tgt Ion: 41 Resp: 433702

Ion Ratio Lower Upper

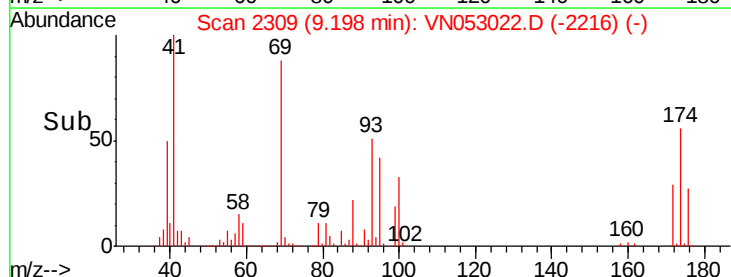
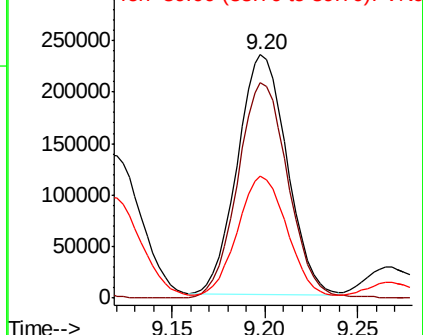
41 100

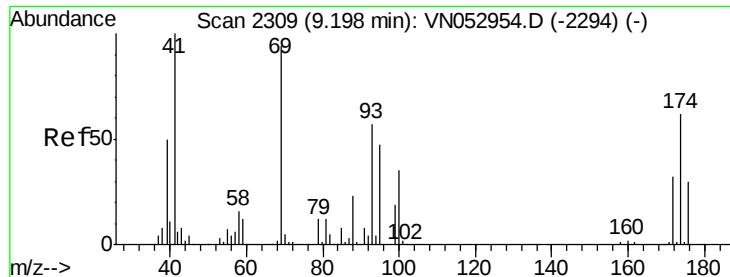
69 91.4 72.2 108.2

39 51.4 41.9 62.9



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

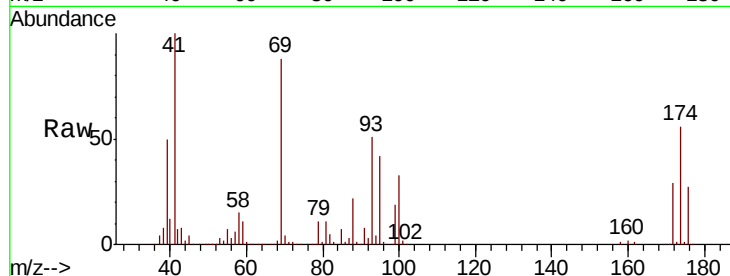




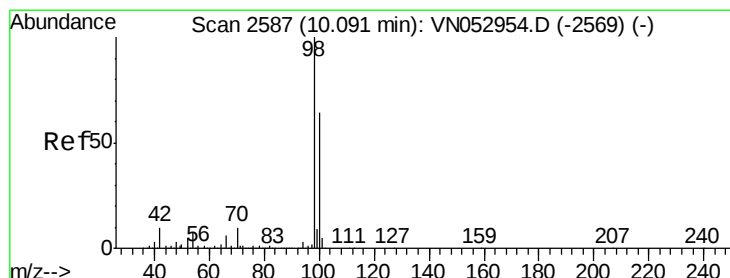
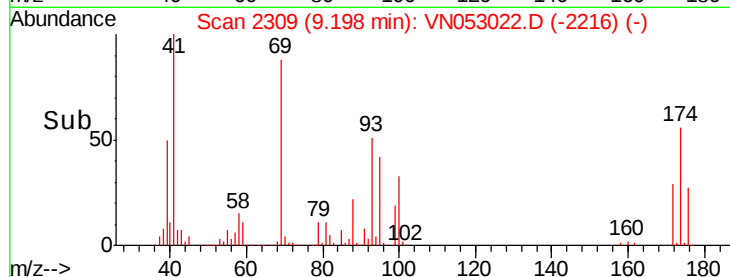
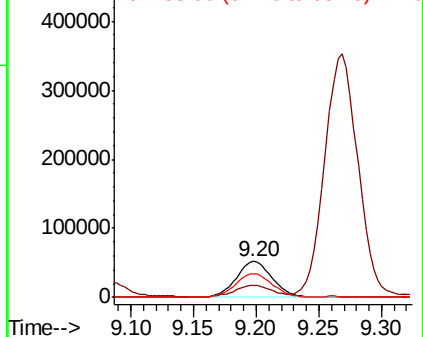
#49  
1,4-Dioxane  
Concen: 957.015 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 88 Resp: 103527  
Ion Ratio Lower Upper  
88 100  
43 31.6 26.6 40.0  
58 68.4 58.4 87.6

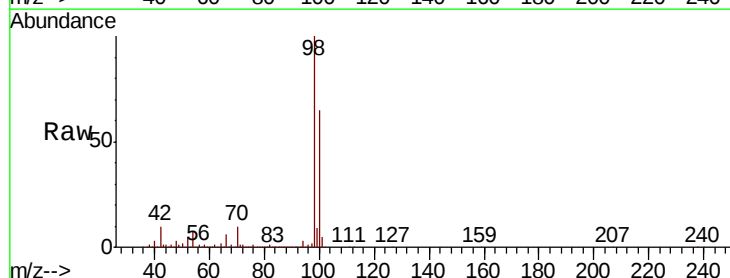


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

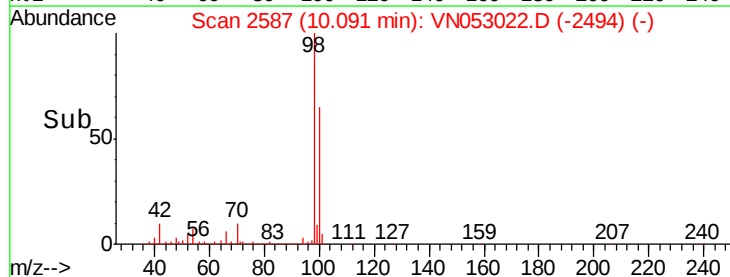
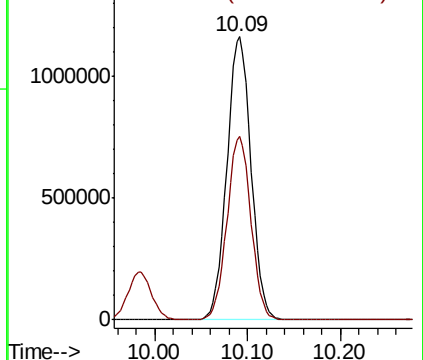


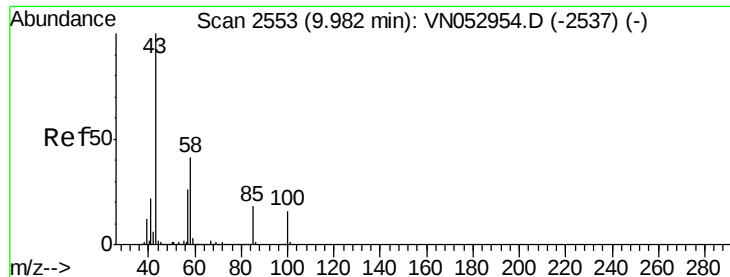
#50  
Toluene-d8  
Concen: 957.015 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 98 Resp: 2093710  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0

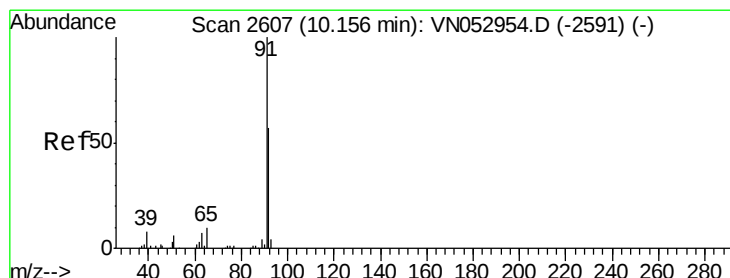
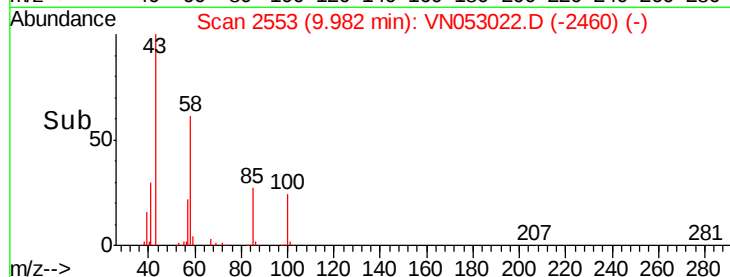
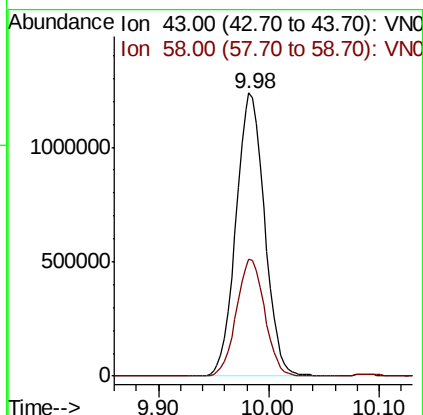
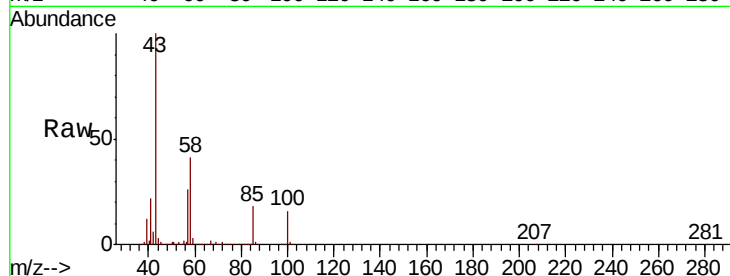




#51  
4-Methyl-2-Pentanone  
Concen: 259.074 ug/l  
RT: 9.98 min Scan# 2553  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

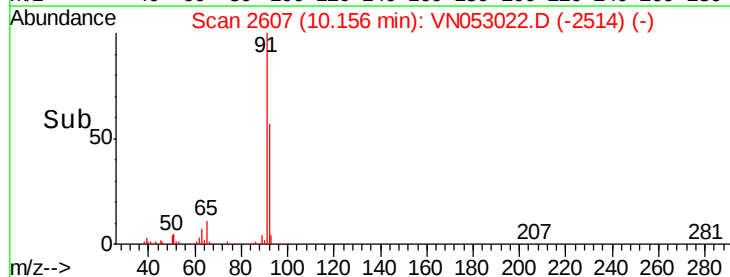
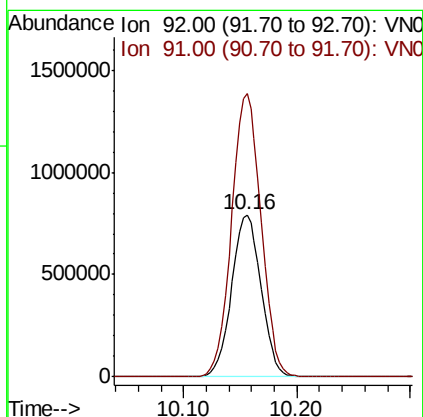
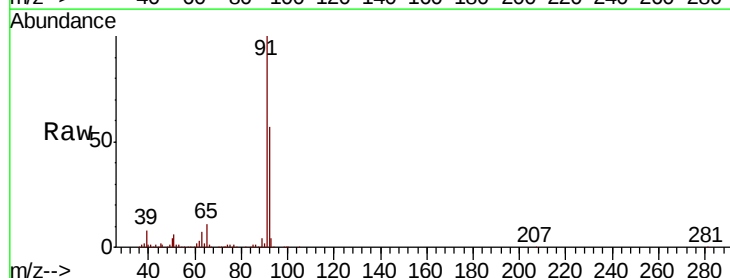
Instrument :  
MSVOA\_N  
ClientSampled :

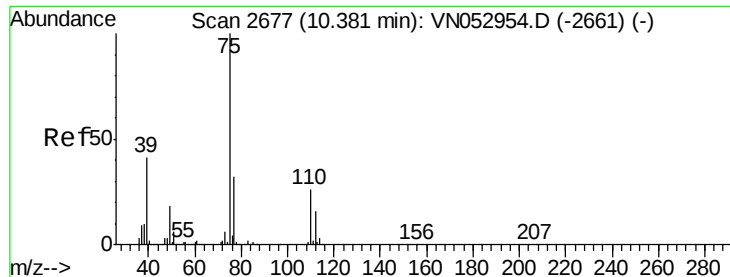
Tot Ion: 43 Resp: 2211106  
Ion Ratio Lower Upper  
43 100  
58 41.1 32.2 48.4



#52  
Toluene  
Concen: 49.121 ug/l  
RT: 10.16 min Scan# 2607  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 92 Resp: 1429698  
Ion Ratio Lower Upper  
92 100  
91 175.7 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 48.316 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

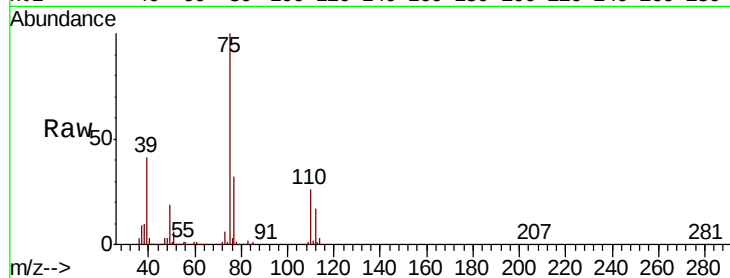
ClientSampled :

Tot Ion: 75 Resp: 769503

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

400000

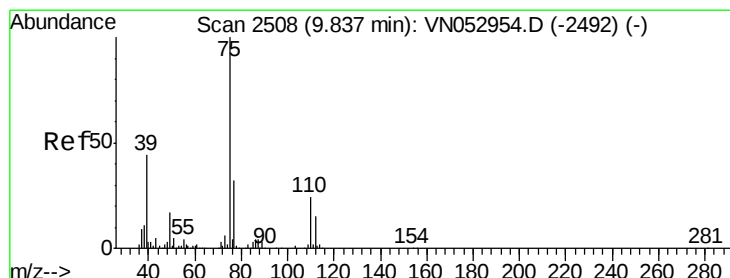
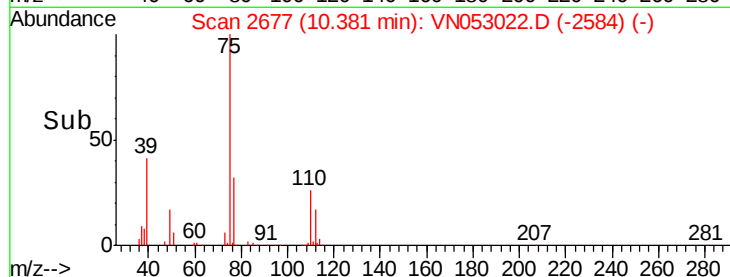
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.801 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

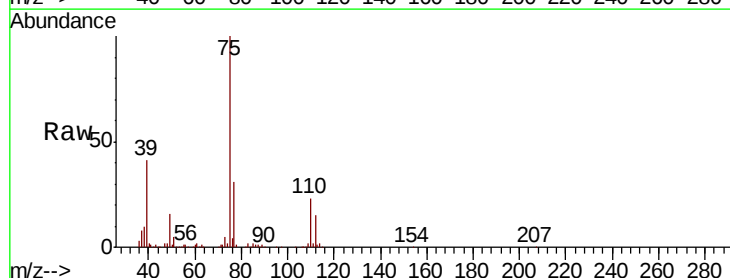
Tgt Ion: 75 Resp: 910398

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8

39 40.9 34.8 52.2



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

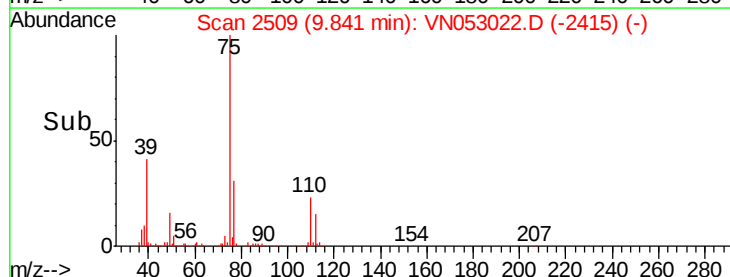
600000

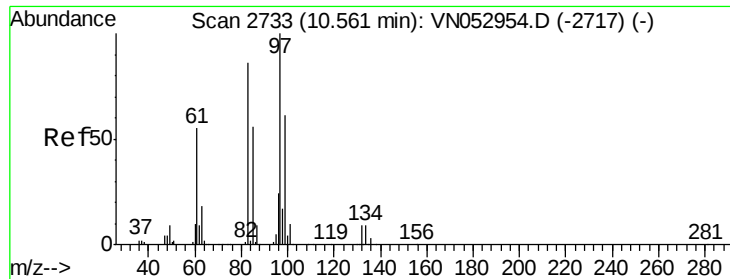
400000

200000

0

Time-->

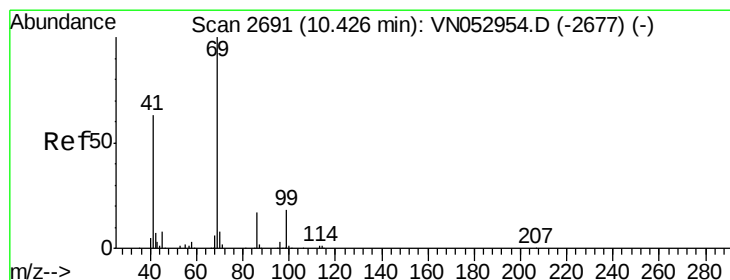
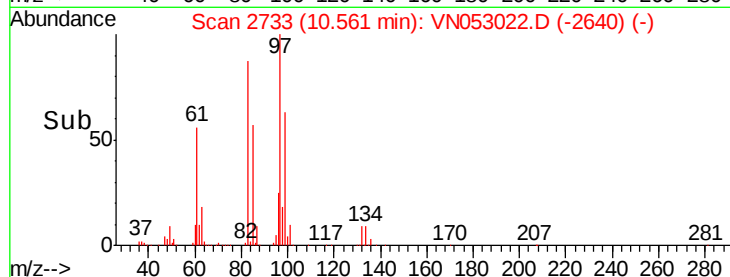
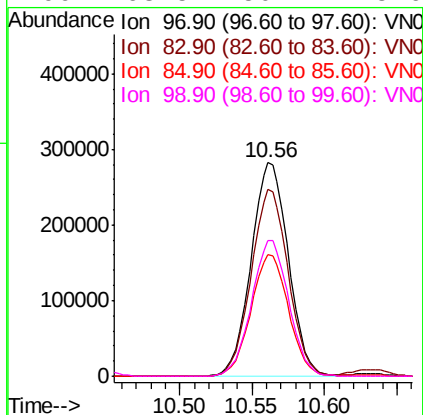
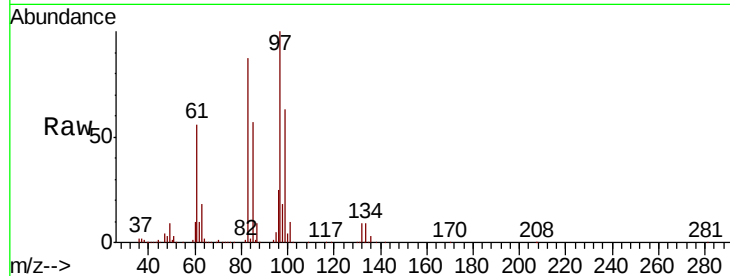




#55  
 1,1,2-Trichloroethane  
 Concen: 49.705 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

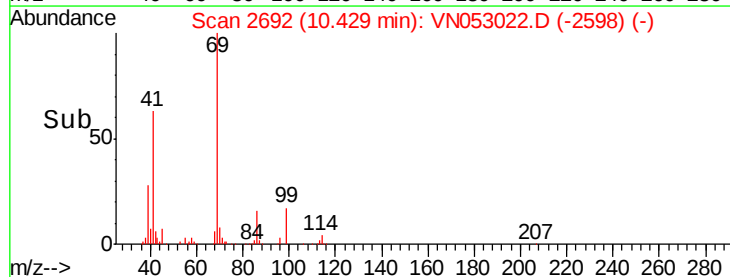
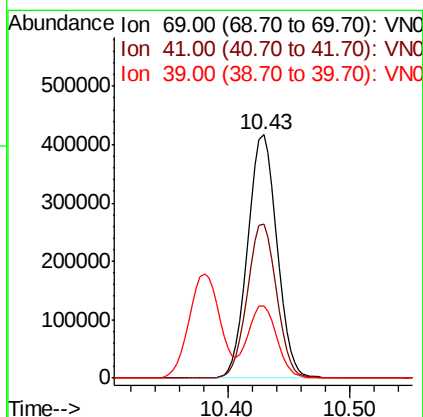
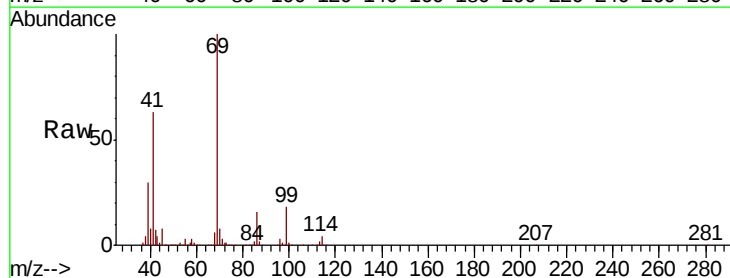
Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 504706 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.3  | 70.9  | 106.3  |
| 85       | 57.1  | 45.4  | 68.2   |
| 99       | 63.5  | 50.4  | 75.6   |



#56  
 Ethyl methacrylate  
 Concen: 51.113 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 686956 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.6  | 51.7  | 77.5   |
| 39       | 29.4  | 24.6  | 37.0   |

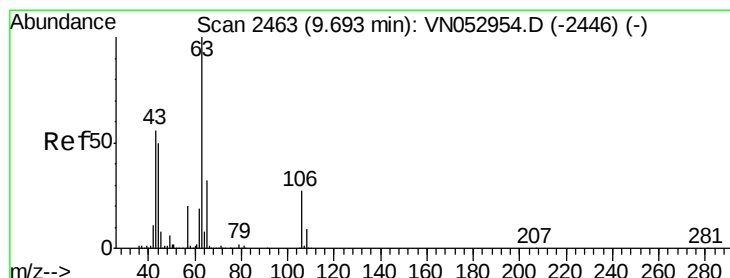
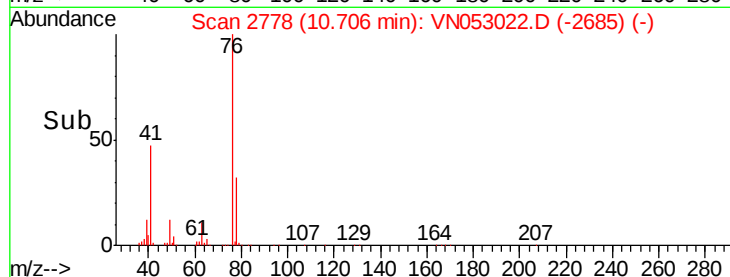
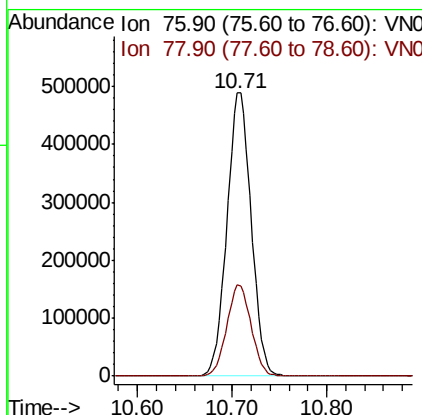
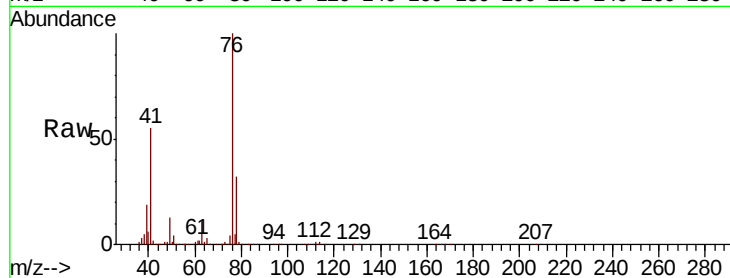




#57  
 1,3-Dichloropropane  
 Concen: 49.976 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

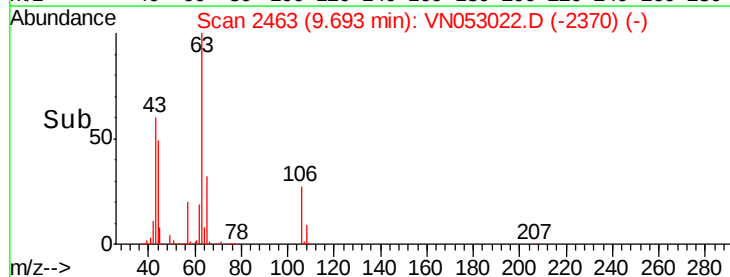
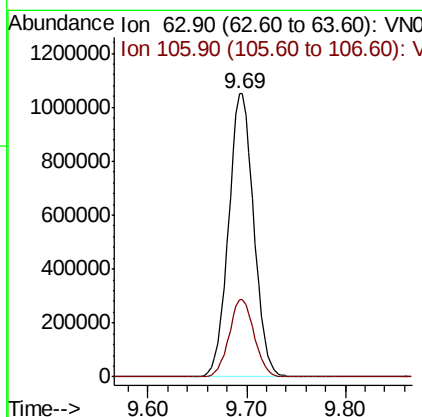
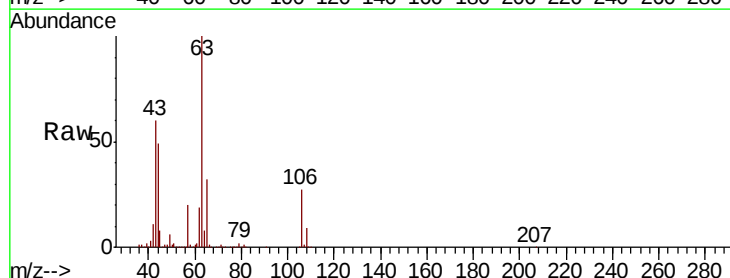
Instrument :  
 MSVOA\_N  
 ClientSampled :

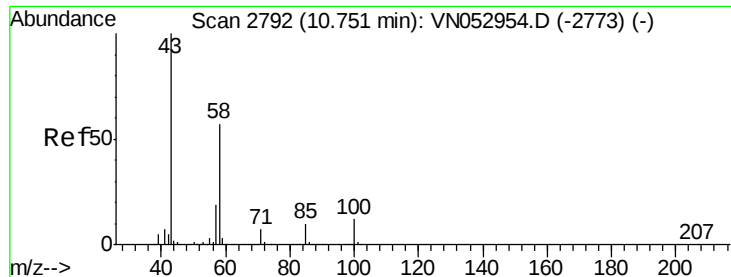
Tot Ion: 76 Resp: 870204  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 253.832 ug/l  
 RT: 9.69 min Scan# 2463  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Tgt Ion: 63 Resp: 1872875  
 Ion Ratio Lower Upper  
 63 100  
 106 27.3 21.0 31.6

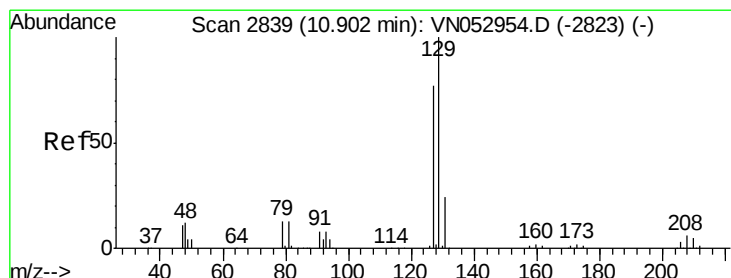
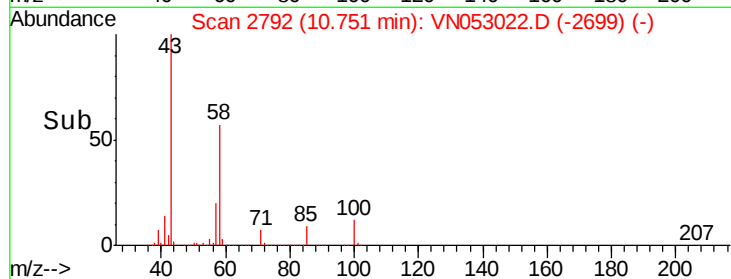
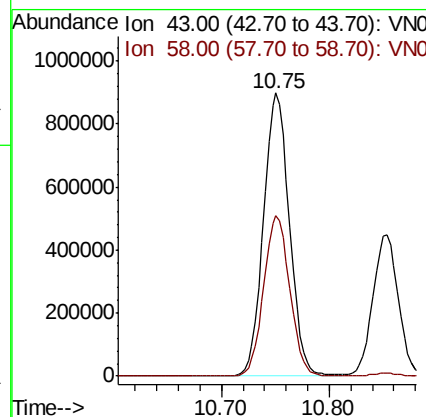
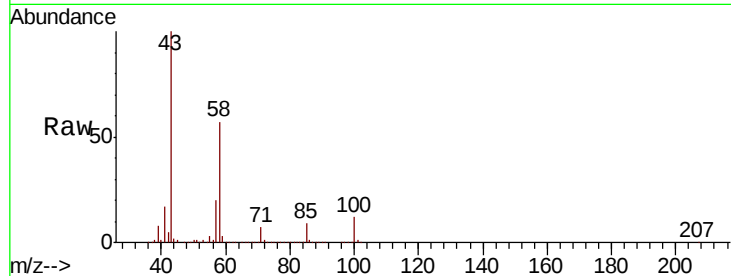




#59  
2-Hexanone  
Concen: 258.702 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

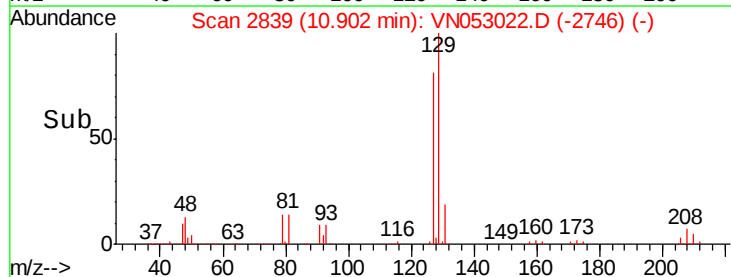
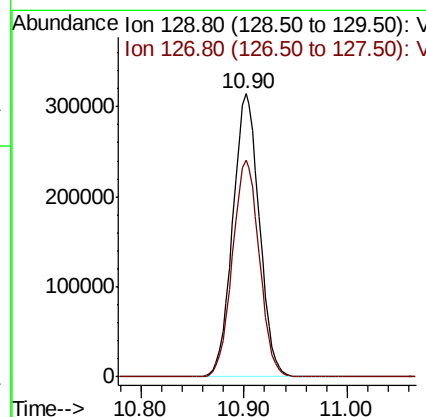
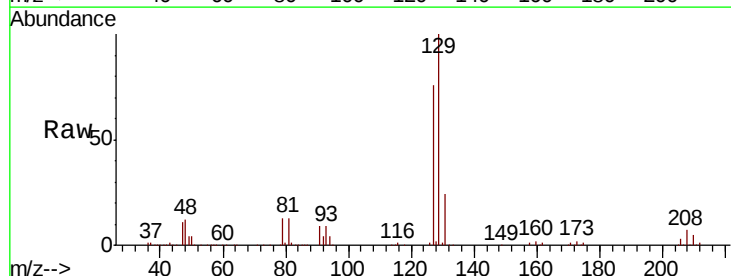
Instrument :  
MSVOA\_N  
ClientSampled :

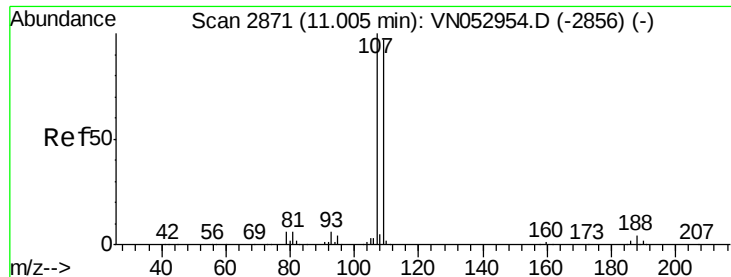
Tot Ion: 43 Resp: 1493846  
Ion Ratio Lower Upper  
43 100  
58 57.1 28.1 84.3



#60  
Dibromochloromethane  
Concen: 48.480 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 129 Resp: 563490  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0

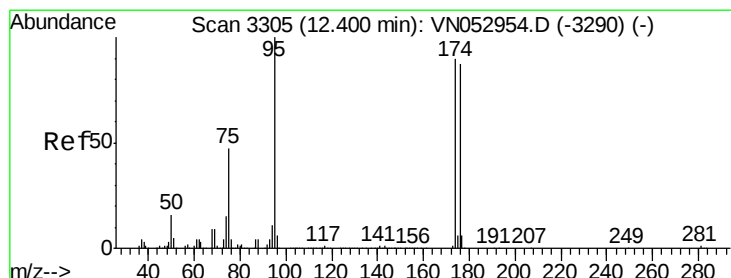
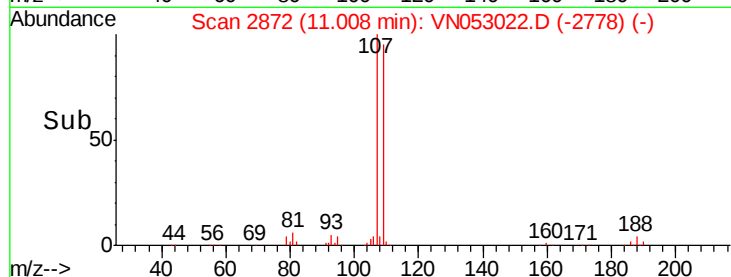
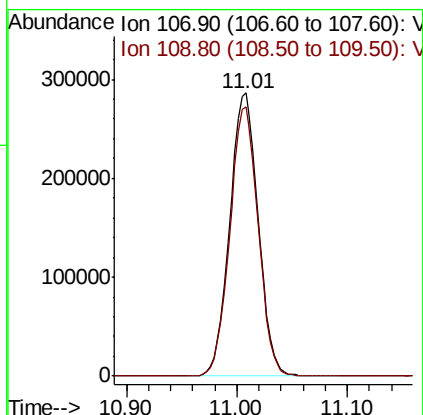
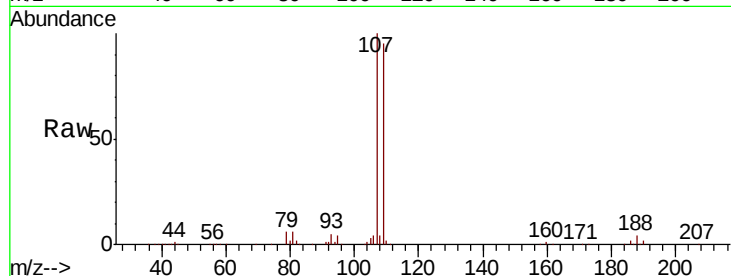




#61  
1,2-Dibromoethane  
Concen: 49.656 ug/l  
RT: 11.01 min Scan# 2872  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

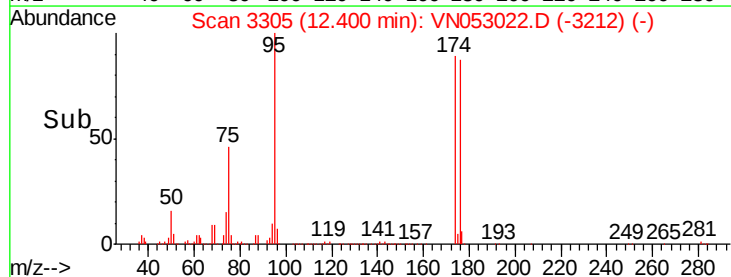
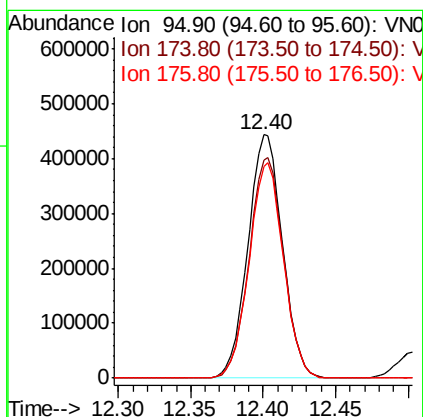
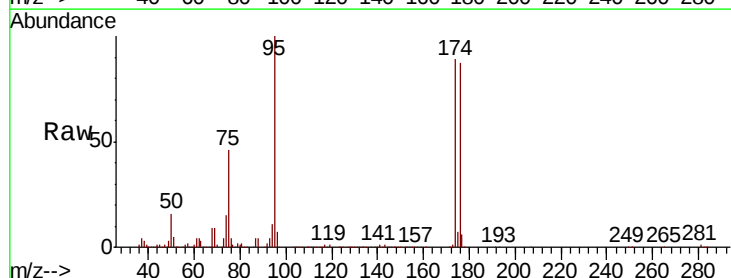
Instrument :  
MSVOA\_N  
ClientSampleId :

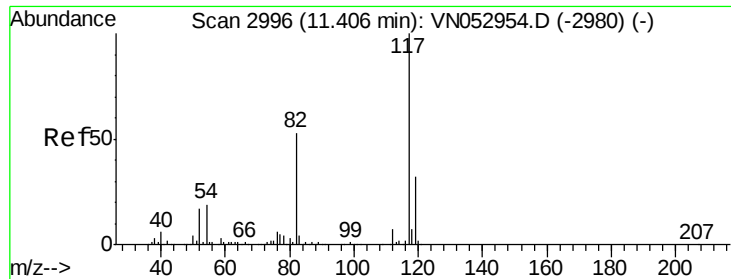
Tot Ion:107 Resp: 512074  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 49.656 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 95 Resp: 735405  
Ion Ratio Lower Upper  
95 100  
174 90.2 0.0 178.8  
176 87.8 0.0 173.8

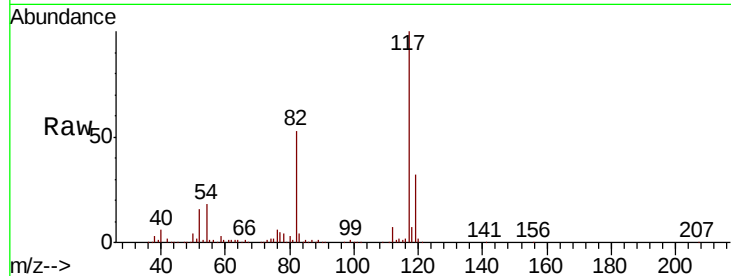




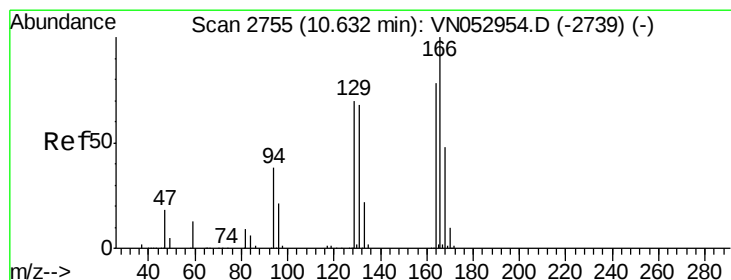
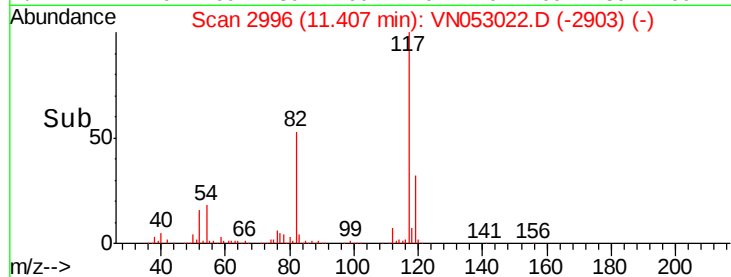
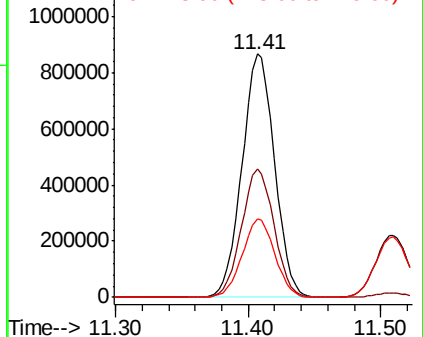
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1476455  
Ion Ratio Lower Upper  
117 100  
82 52.6 42.8 64.2  
119 32.1 25.5 38.3

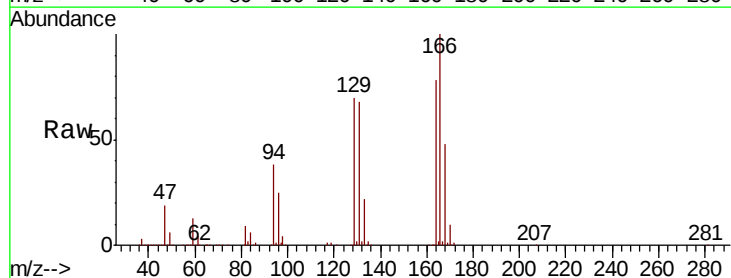


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

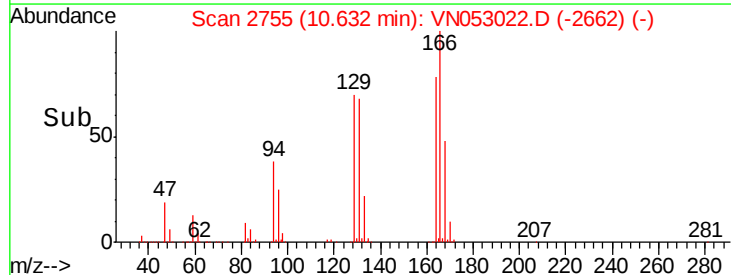
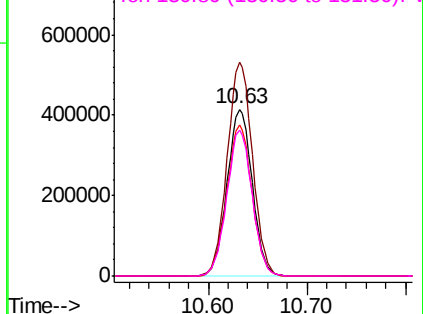


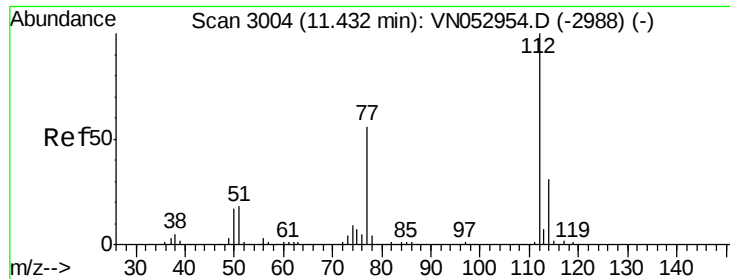
#64  
Tetrachloroethene  
Concen: 46.403 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion:164 Resp: 742142  
Ion Ratio Lower Upper  
164 100  
166 128.2 102.9 154.3  
129 90.4 73.7 110.5  
131 87.8 70.7 106.1



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

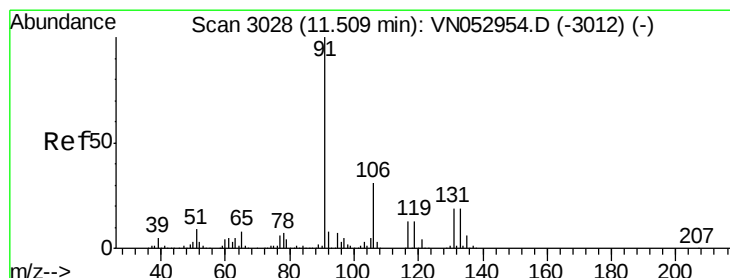
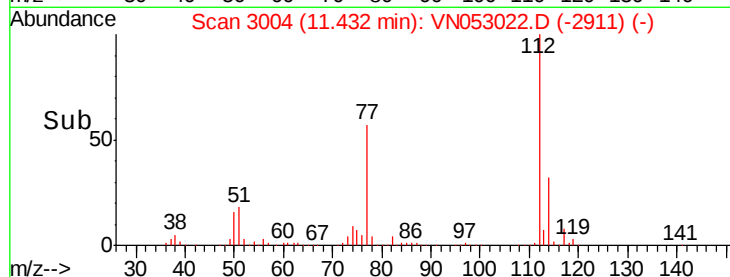
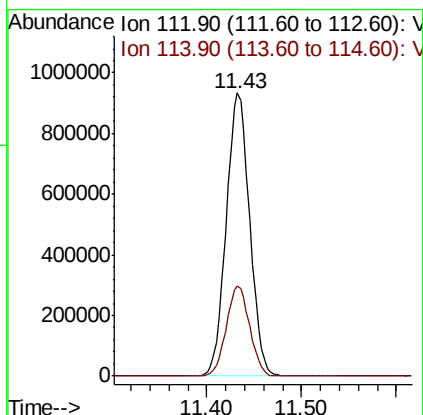
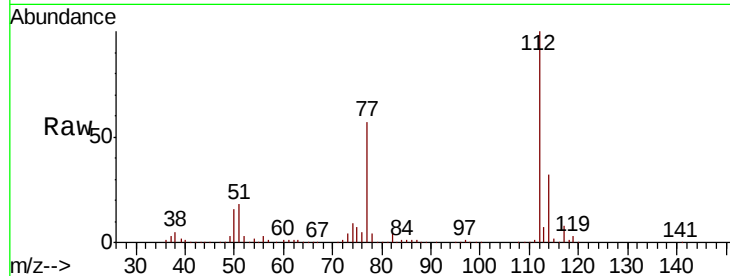




#65  
Chlorobenzene  
Concen: 48.997 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

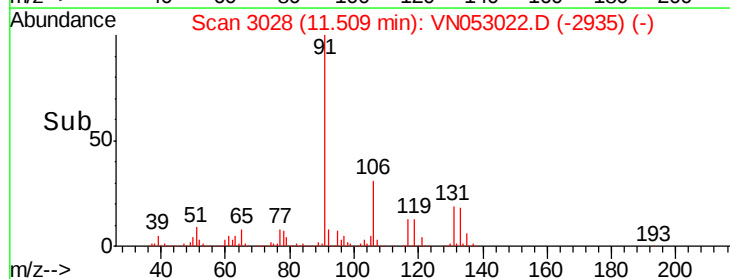
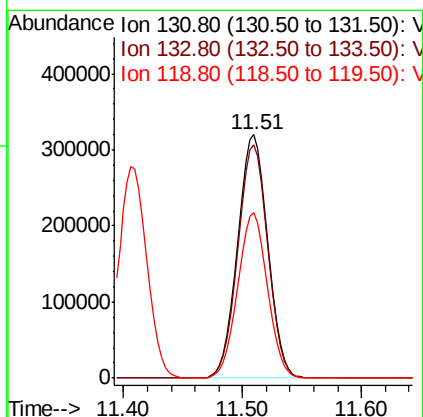
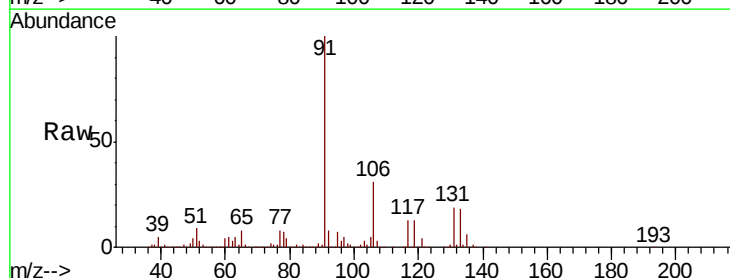
Instrument :  
MSVOA\_N  
ClientSampled :

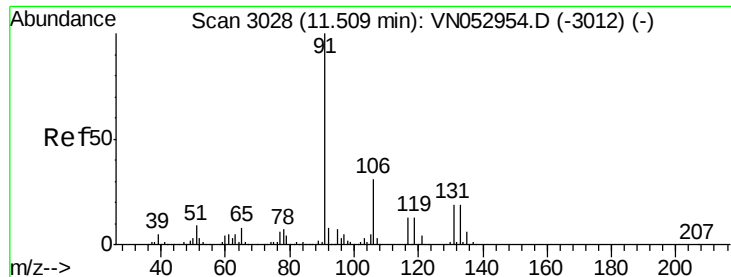
Tot Ion:112 Resp: 1603619  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.195 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion:131 Resp: 559907  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.6 142.9  
119 67.0 33.3 99.8

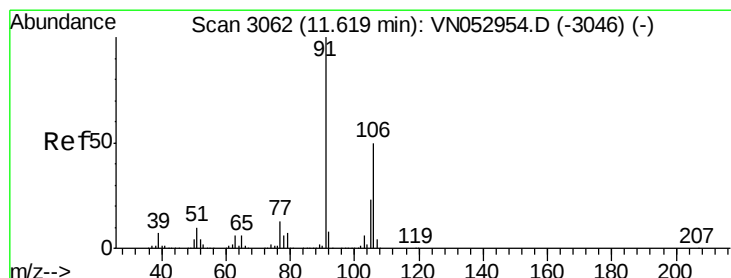
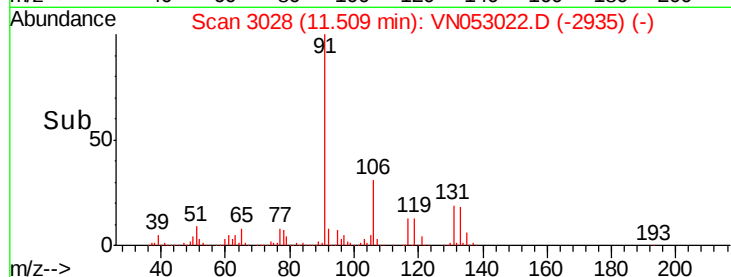
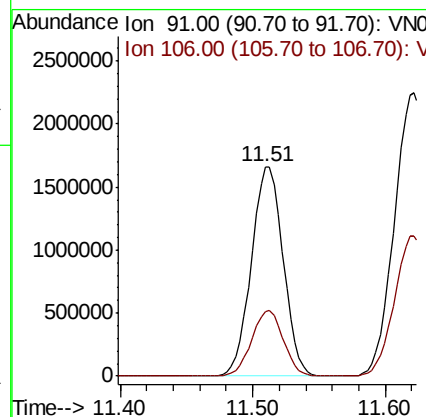
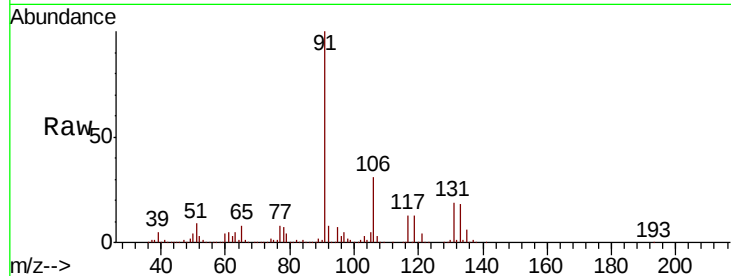




#67  
Ethyl Benzene  
Concen: 49.360 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

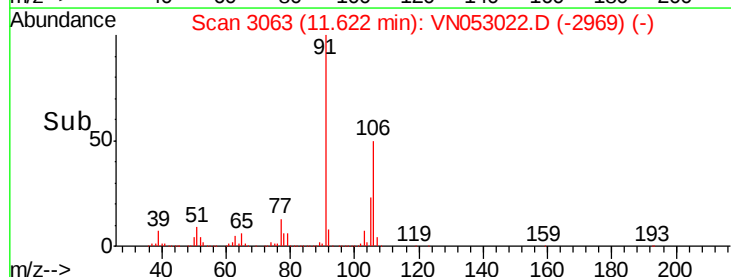
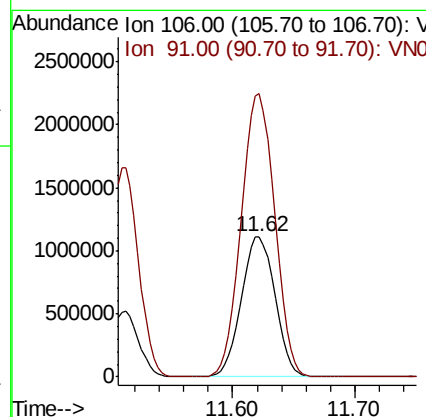
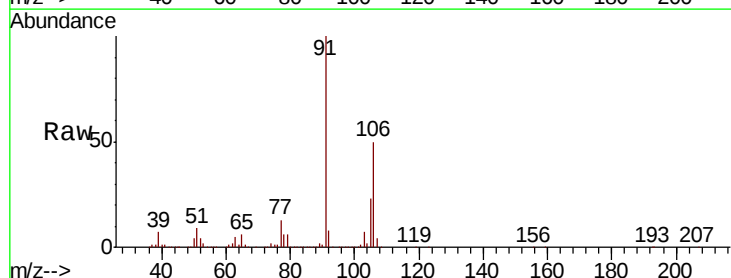
Instrument :  
MSVOA\_N  
ClientSampled :

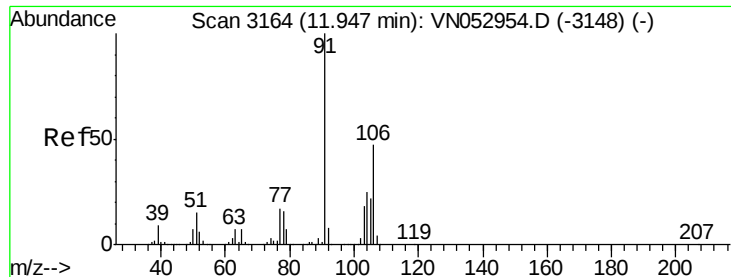
Tot Ion: 91 Resp: 2778246  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 99.035 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion: 106 Resp: 2119061  
Ion Ratio Lower Upper  
106 100  
91 201.5 162.2 243.4

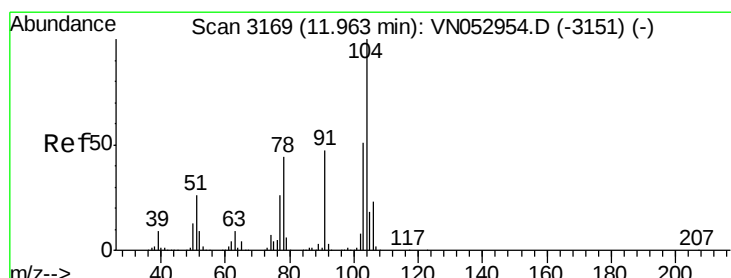
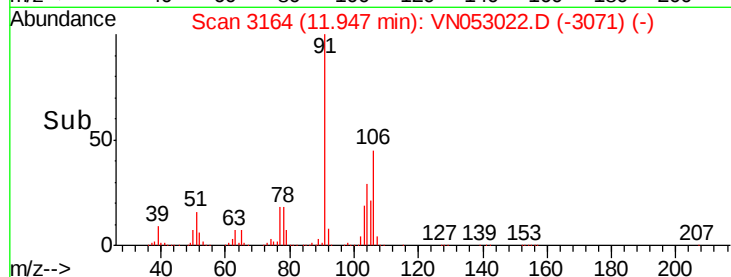
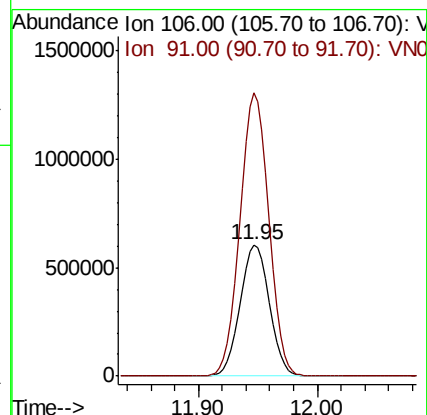
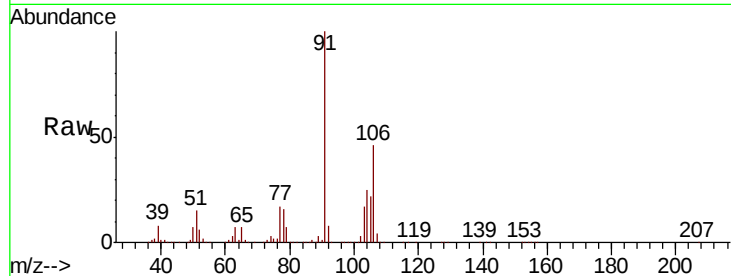




#69  
o-Xylene  
Concen: 49.940 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

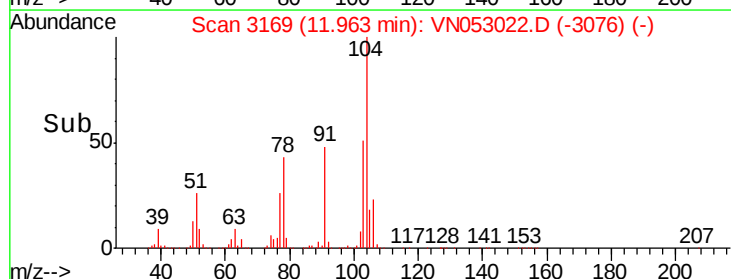
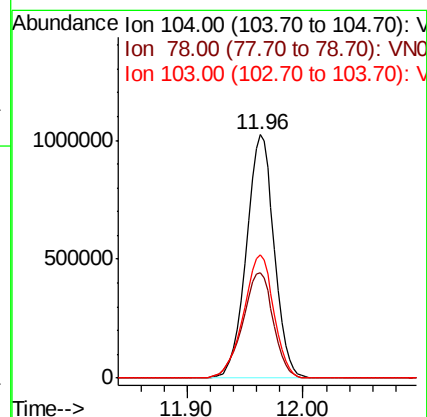
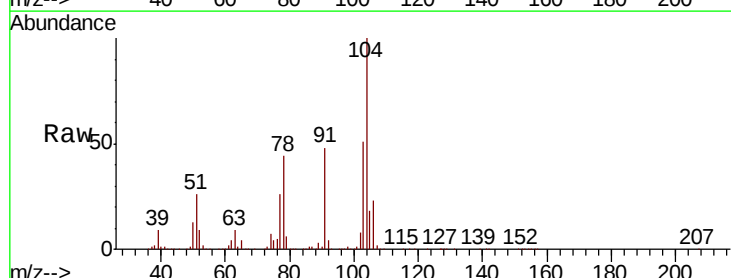
Instrument :  
MSVOA\_N  
ClientSampled :

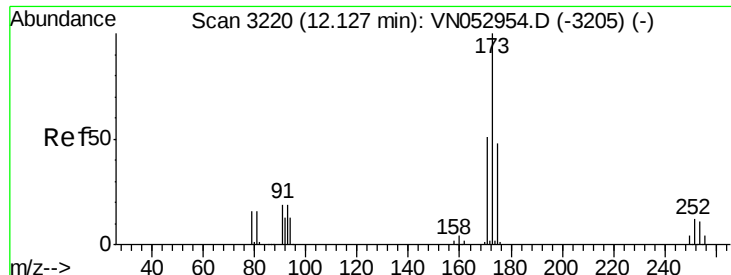
Tot Ion:106 Resp: 1025381  
Ion Ratio Lower Upper  
106 100  
91 213.7 106.6 319.8



#70  
Styrene  
Concen: 50.861 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN053022.D  
Acq: 19 Dec 2018 20:10

Tgt Ion:104 Resp: 1702844  
Ion Ratio Lower Upper  
104 100  
78 48.0 38.9 58.3  
103 55.1 44.3 66.5





#71

Bromoform

Concen: 47.476 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampleId :

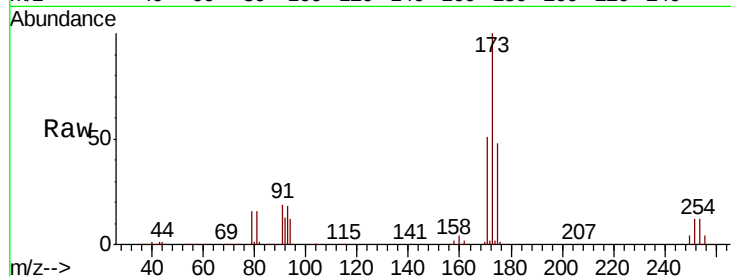
Tot Ion:173 Resp: 390353

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

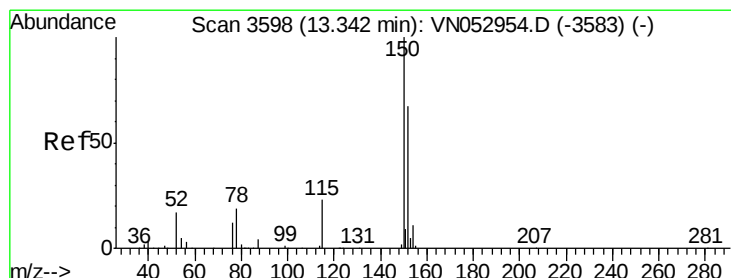
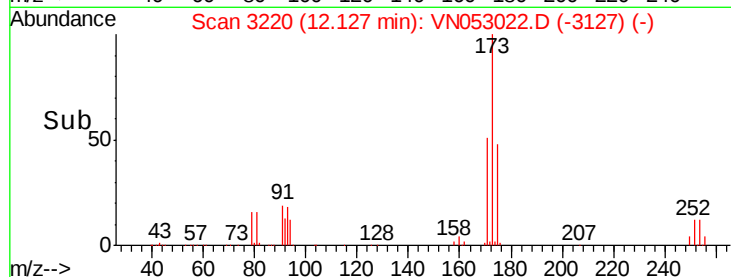
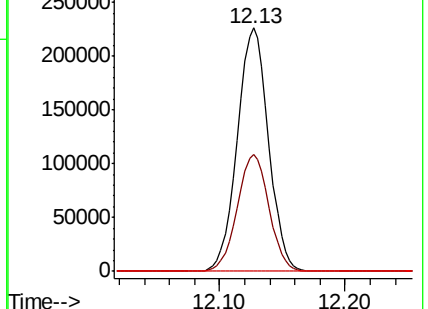
254 0.1 0.1 0.1#



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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

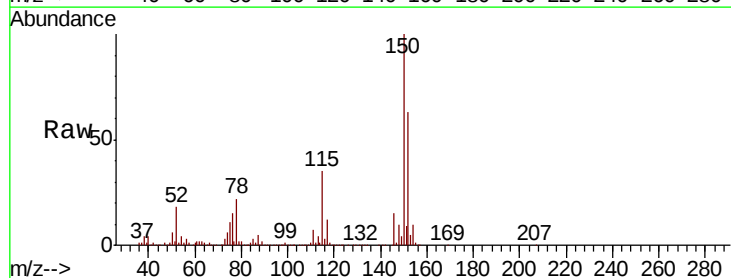
Tgt Ion:152 Resp: 695512

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

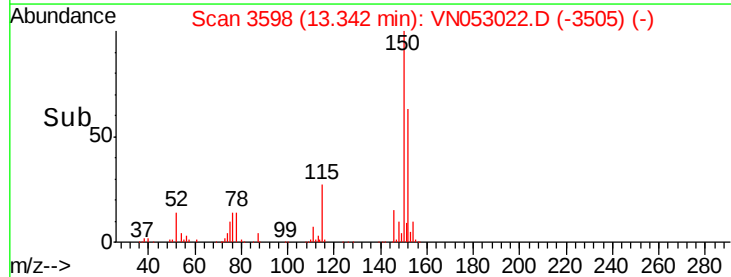
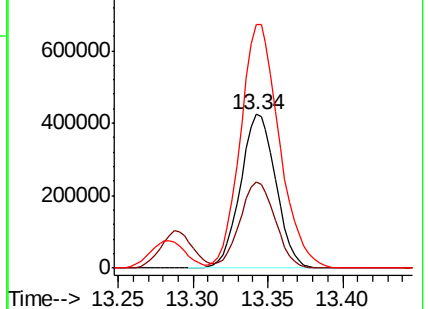
150 174.7 0.0 347.8



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: 49.716 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

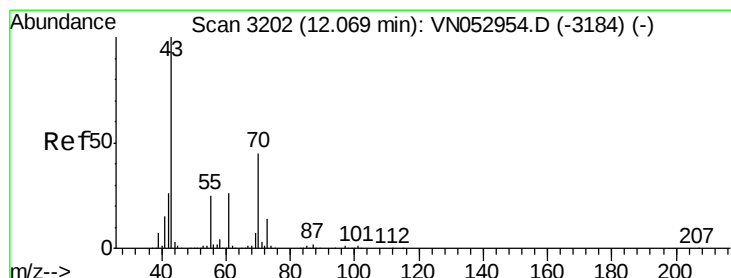
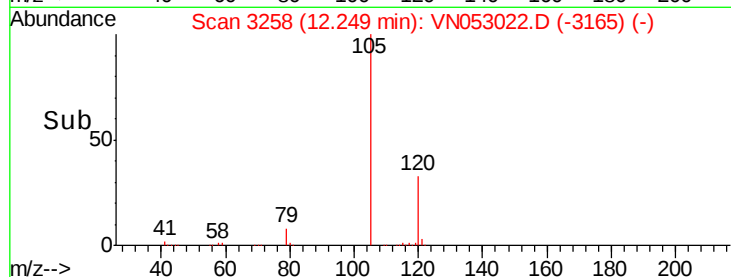
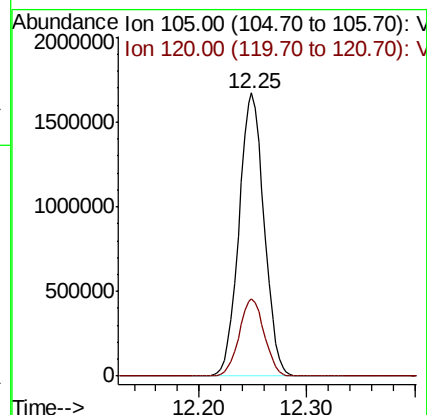
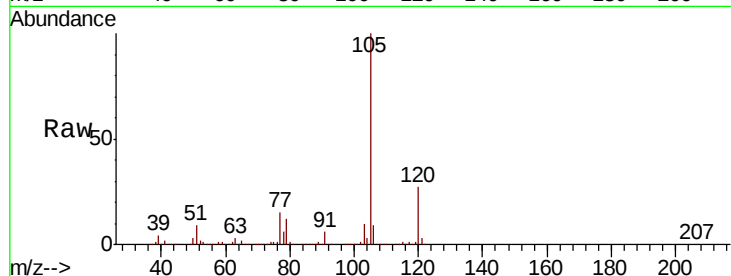
ClientSampleId :

Tot Ion:105 Resp: 2705427

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 52.543 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Tgt Ion: 43 Resp: 793837

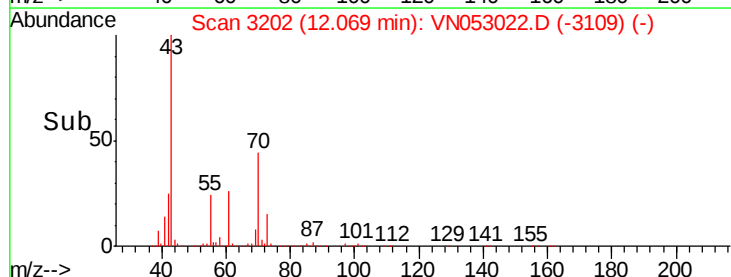
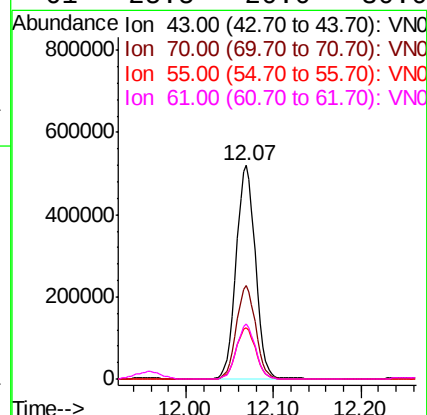
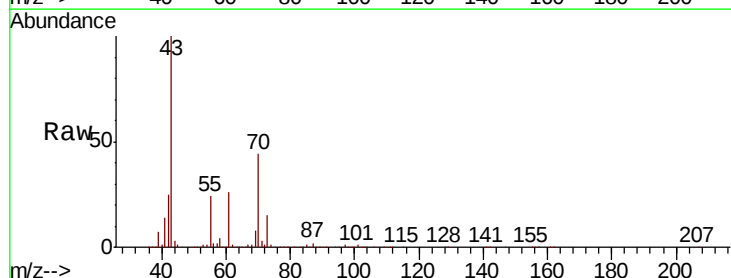
Ion Ratio Lower Upper

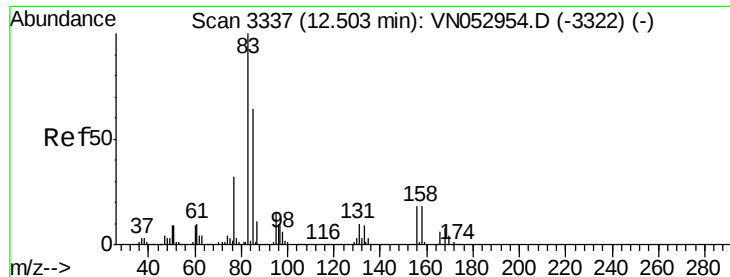
43 100

70 44.0 34.2 51.4

55 24.4 20.3 30.5

61 25.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.711 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampled :

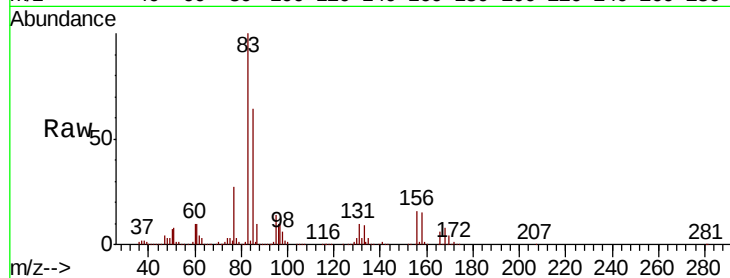
Tot Ion: 83 Resp: 562740

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.0 32.4 97.0

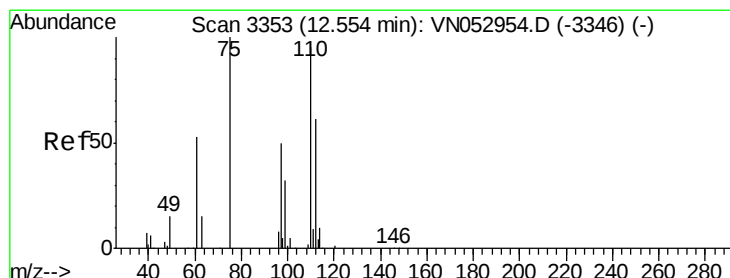
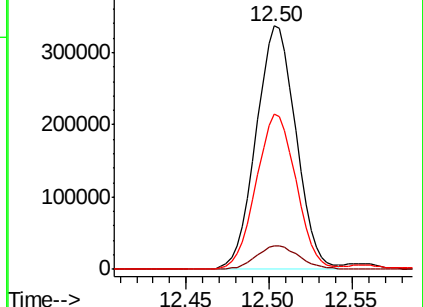
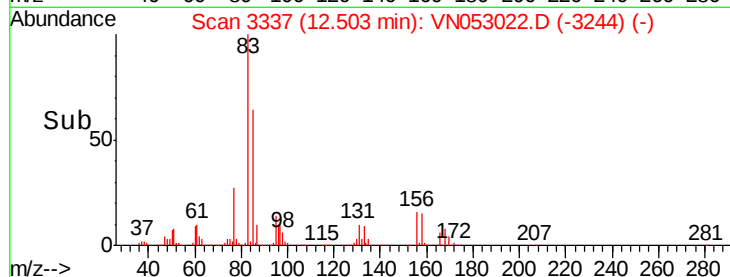


Abundance Ion 82.90 (82.60 to 83.60): VN053022.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053022.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053022.D (-3244) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 66.820 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053022.D

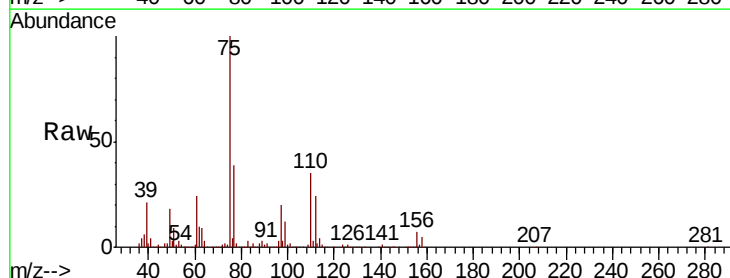
Acq: 19 Dec 2018 20:10

Tgt Ion: 75 Resp: 782340

Ion Ratio Lower Upper

75 100

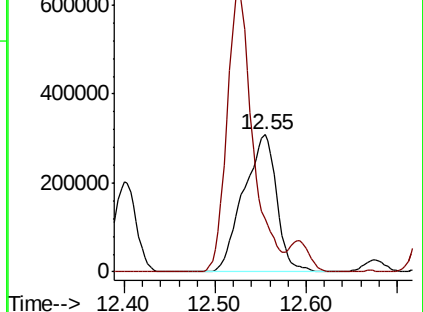
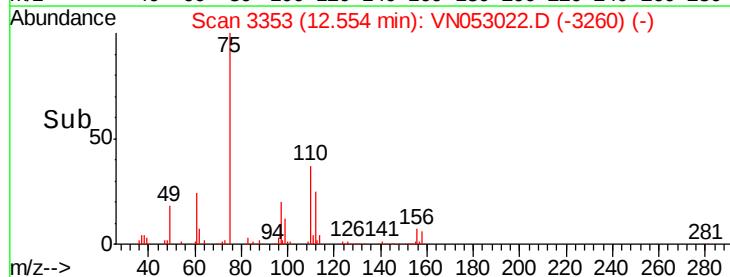
77 0.0 0.0 0.0

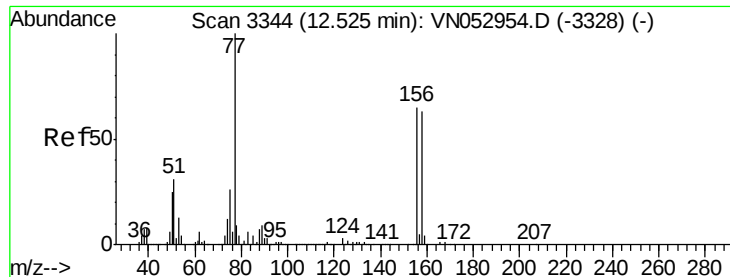


Abundance Ion 74.90 (74.60 to 75.60): VN053022.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053022.D (-3260) (-)

Time-->





#77

Bromobenzene

Concen: 51.570 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampleId :

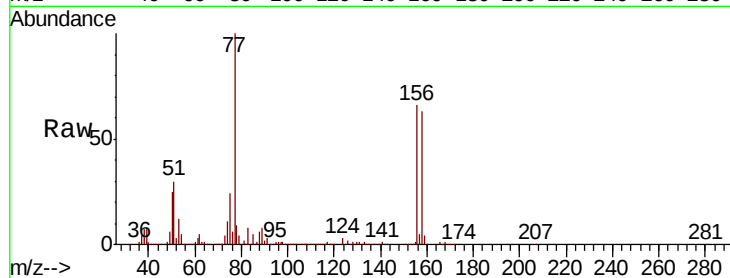
Tot Ion:156 Resp: 729482

Ion Ratio Lower Upper

156 100

77 171.4 91.3 273.8

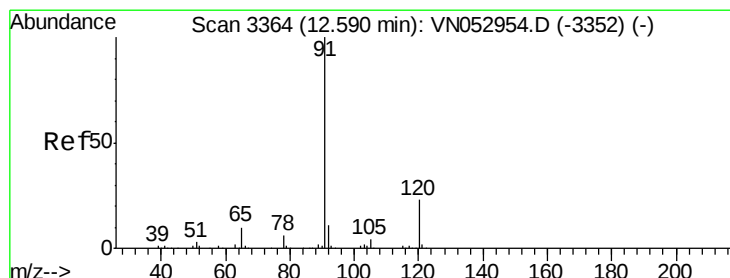
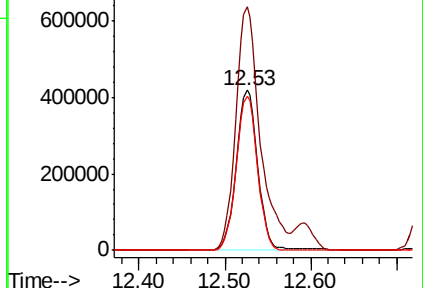
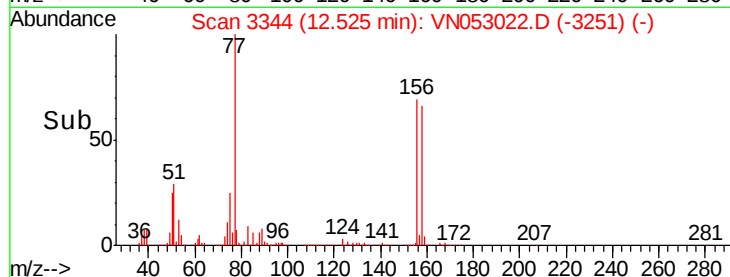
158 93.9 49.0 147.2



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: 49.521 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053022.D

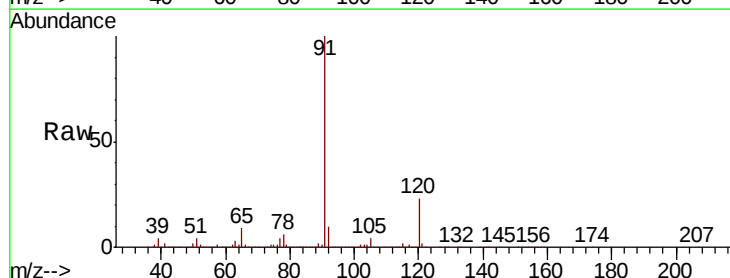
Acq: 19 Dec 2018 20:10

Tgt Ion: 91 Resp: 3069141

Ion Ratio Lower Upper

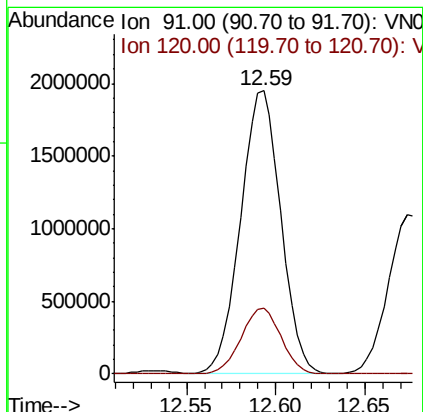
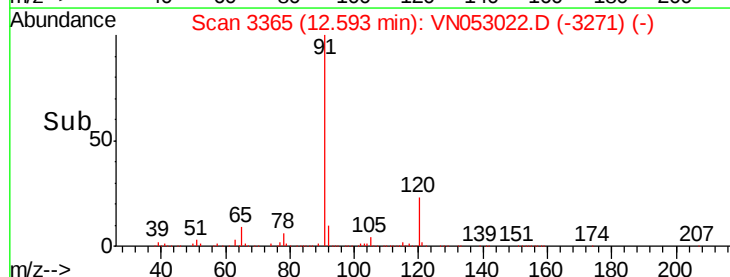
91 100

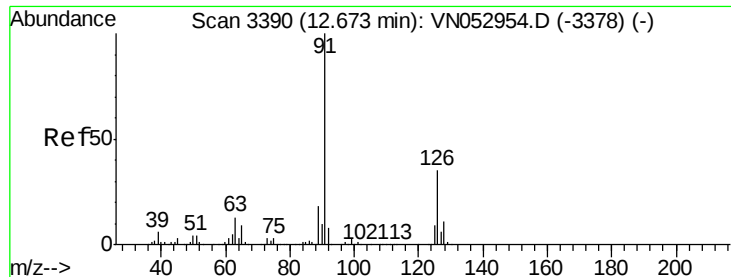
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.222 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

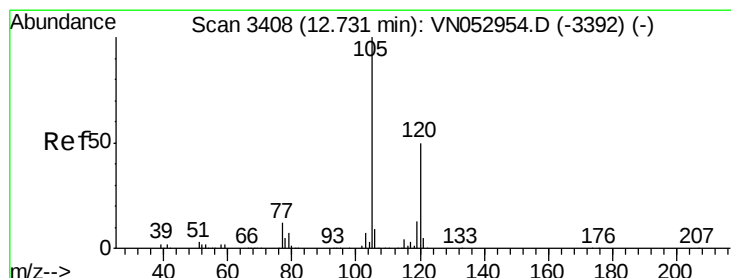
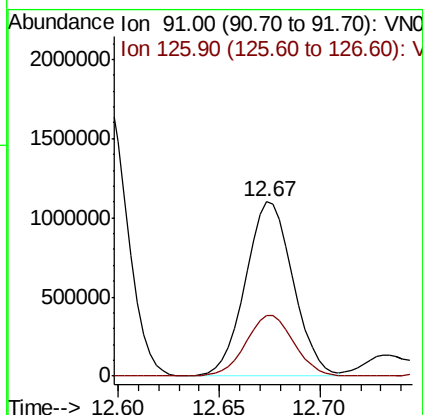
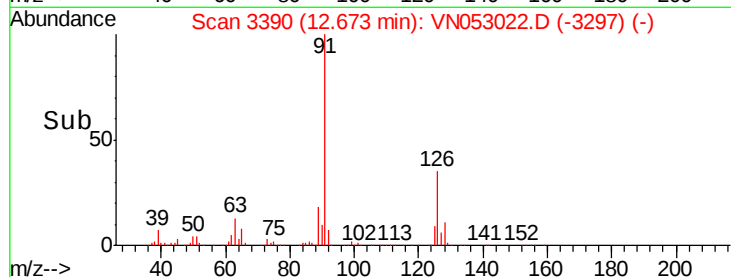
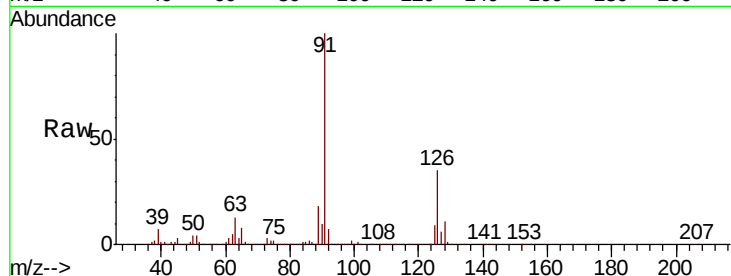
ClientSampled :

Tot Ion: 91 Resp: 1814093

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 48.683 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053022.D

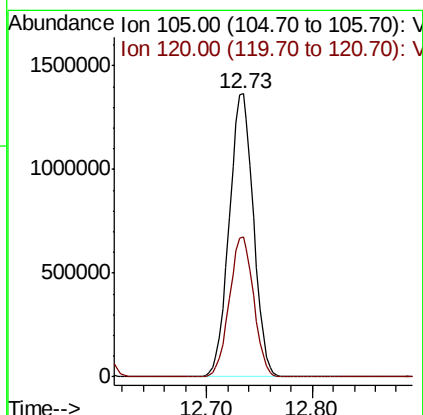
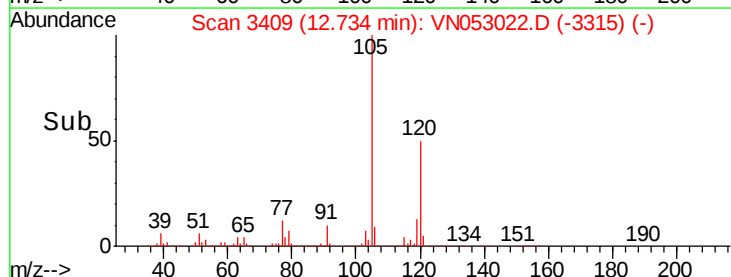
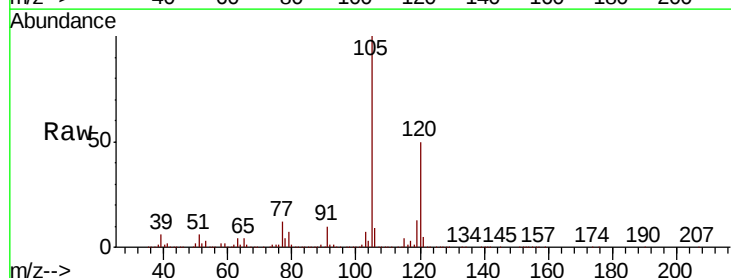
Acq: 19 Dec 2018 20:10

Tgt Ion: 105 Resp: 2159341

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.910 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampled :

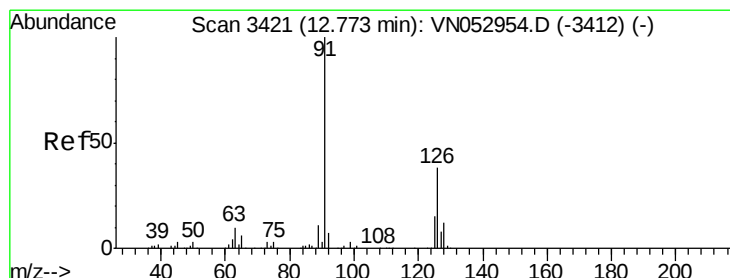
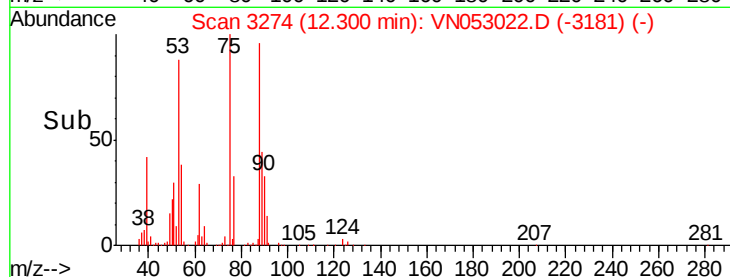
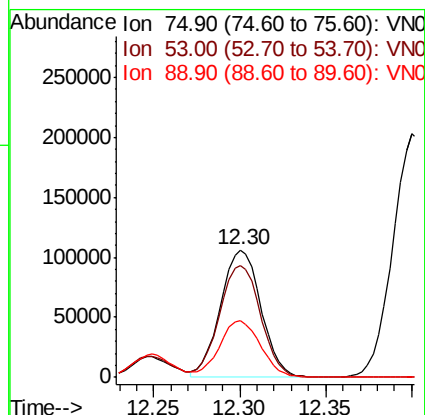
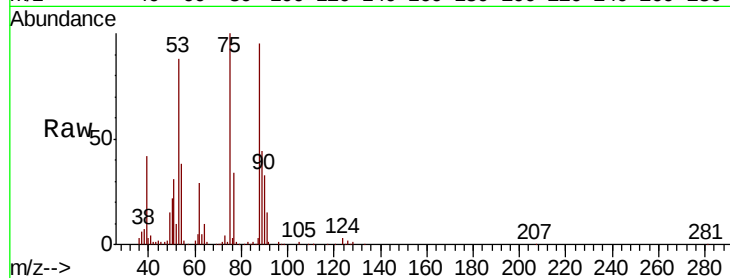
Tot Ion: 75 Resp: 174036

Ion Ratio Lower Upper

75 100

53 88.9 74.7 112.1

89 45.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 49.315 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053022.D

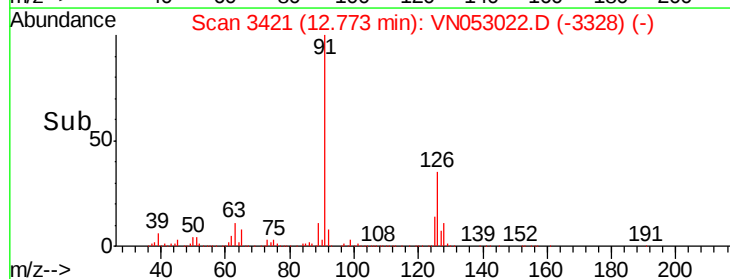
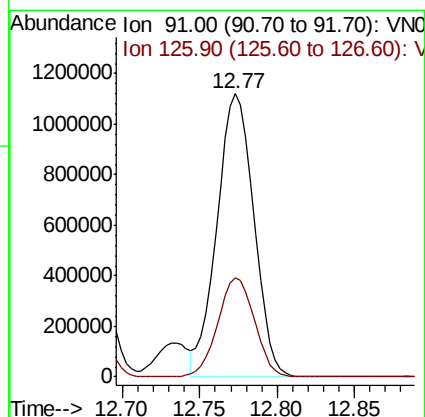
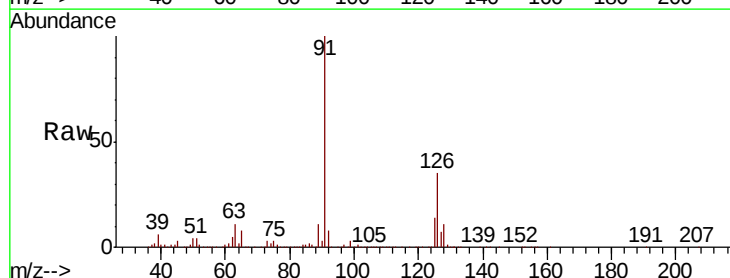
Acq: 19 Dec 2018 20:10

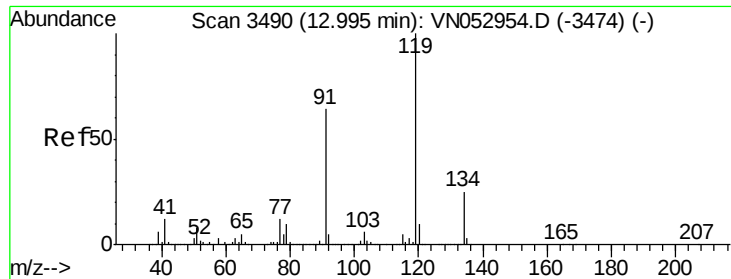
Tgt Ion: 91 Resp: 1854543

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7

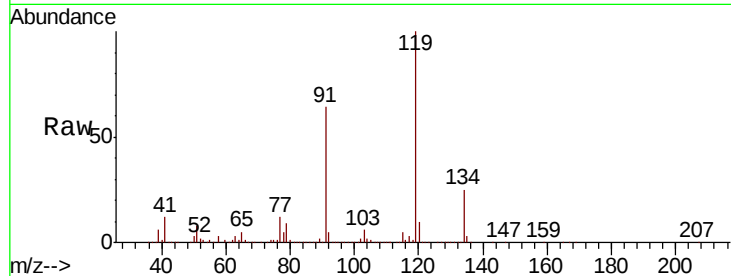




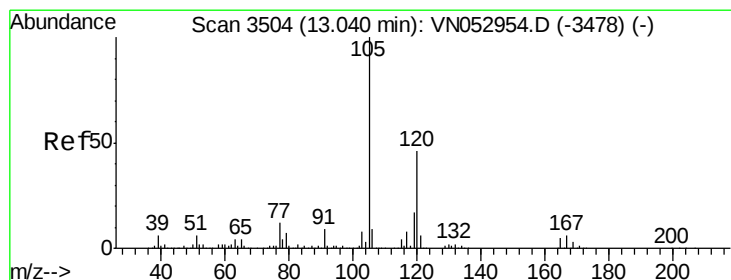
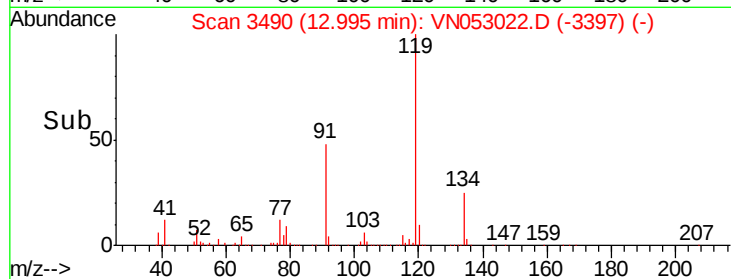
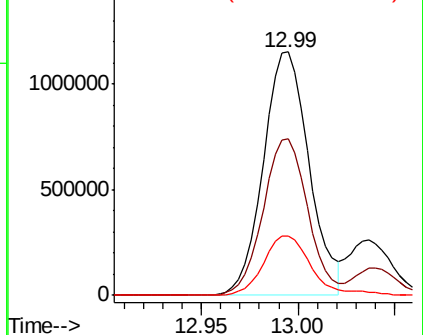
#83  
 tert-Butylbenzene  
 Concen: 48.428 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:119 Resp: 1899743  
 Ion Ratio Lower Upper  
 119 100  
 91 62.5 31.9 95.5  
 134 25.5 12.8 38.4

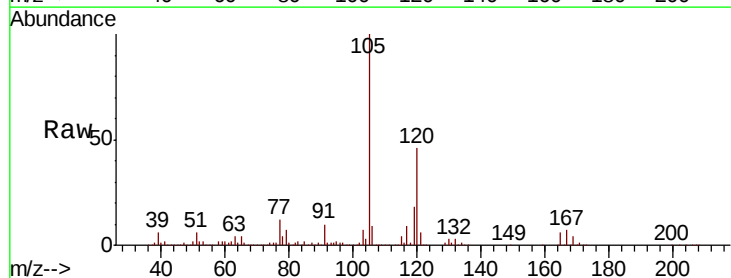


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

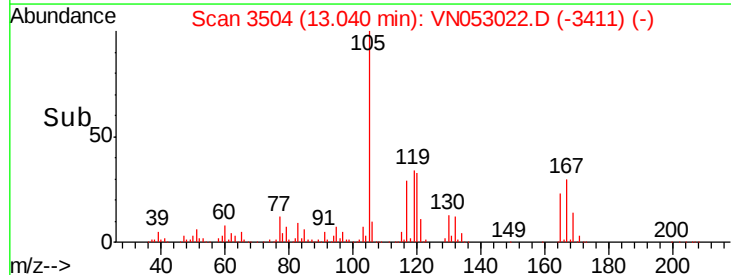
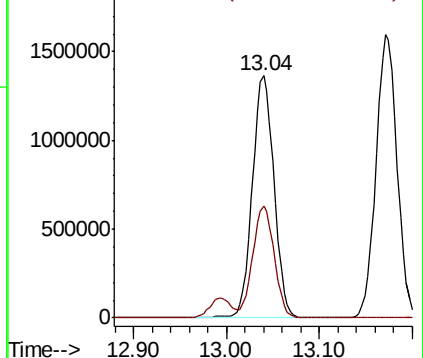


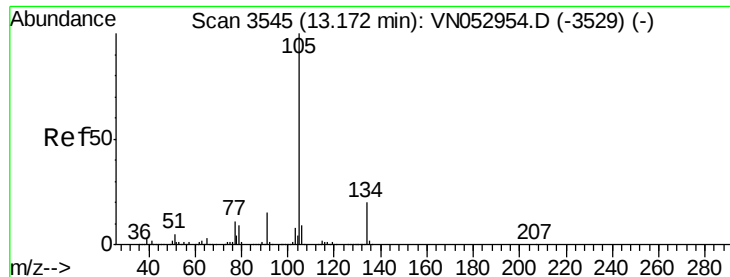
#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.356 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Tgt Ion:105 Resp: 2200753  
 Ion Ratio Lower Upper  
 105 100  
 120 45.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.144 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

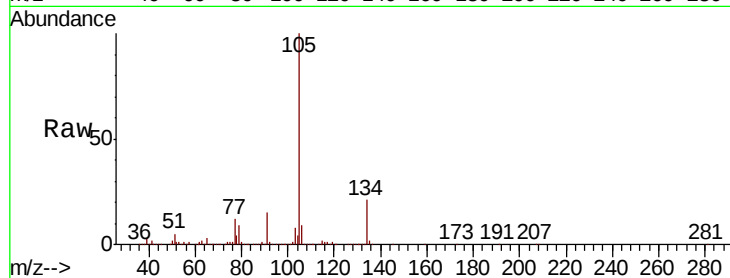
ClientSampled :

Tot Ion:105 Resp: 2501426

Ion Ratio Lower Upper

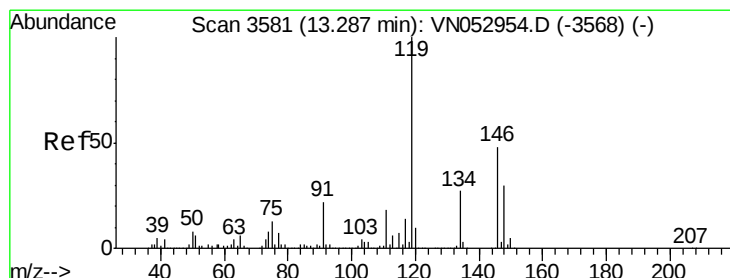
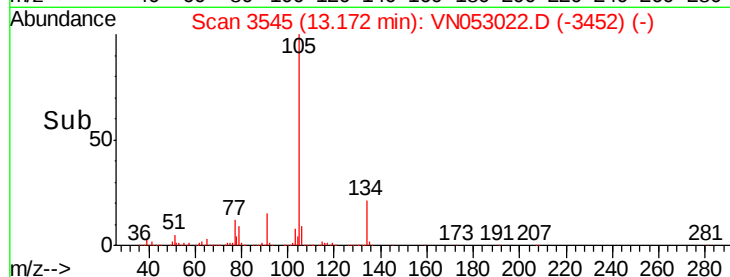
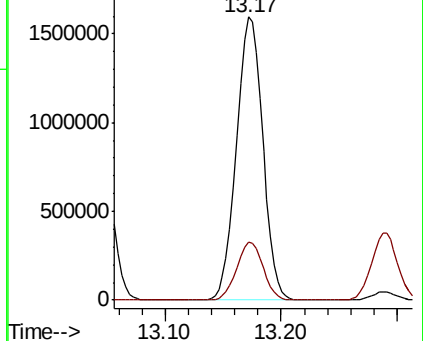
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.590 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

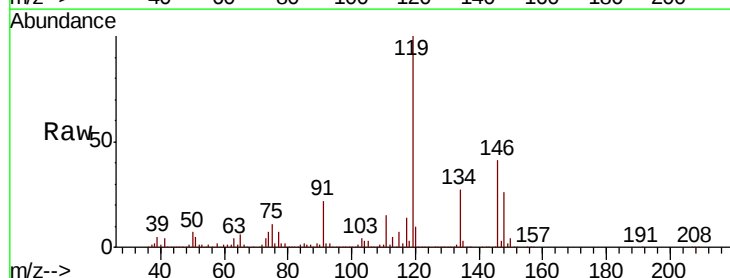
Tgt Ion:119 Resp: 2181920

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

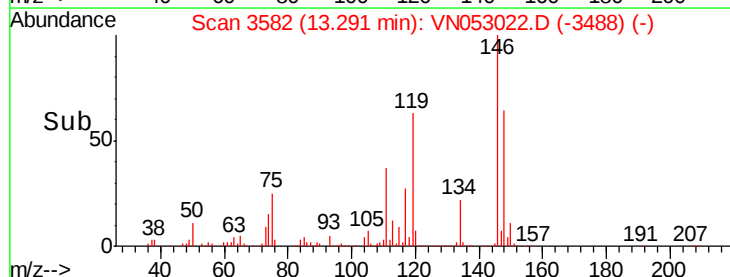
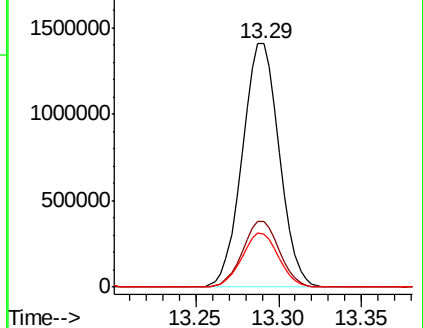
91 21.9 11.1 33.3

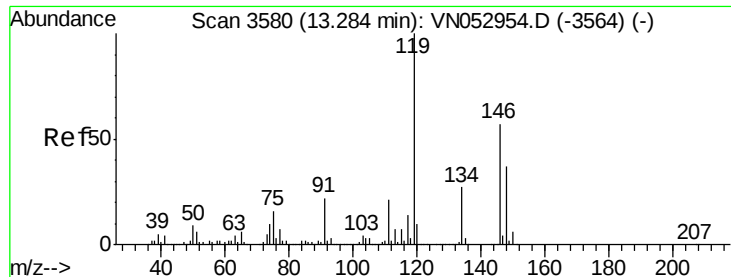


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

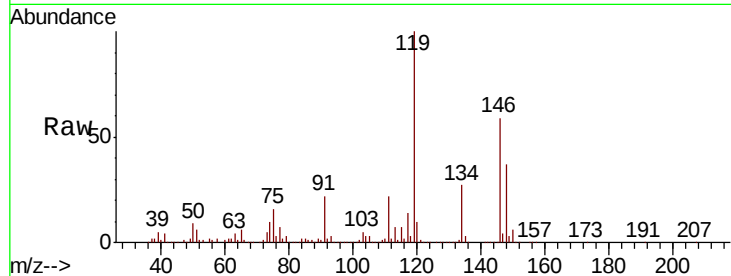




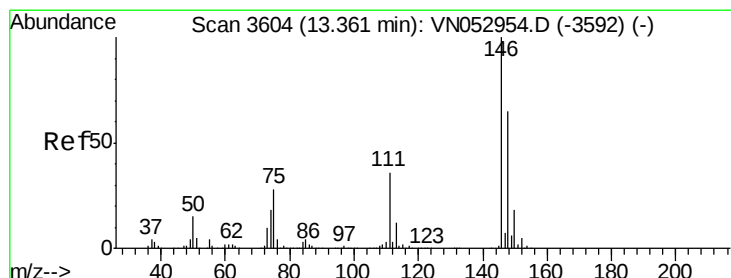
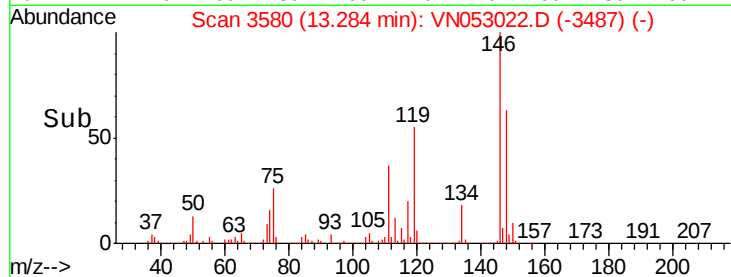
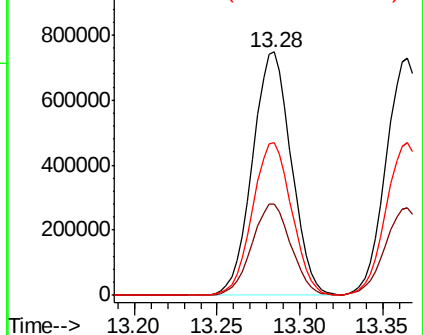
#87  
 1,3-Dichlorobenzene  
 Concen: 48.658 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:146 Resp: 1218207  
 Ion Ratio Lower Upper  
 146 100  
 111 37.7 19.1 57.1  
 148 63.4 32.0 96.0

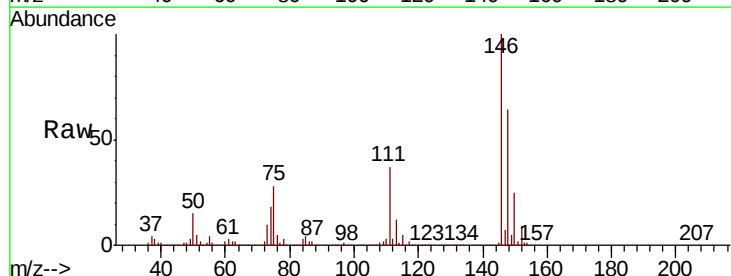


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

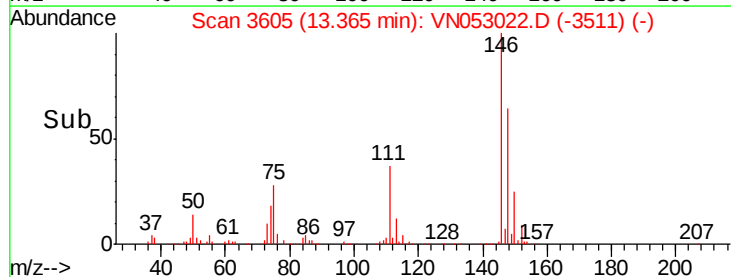
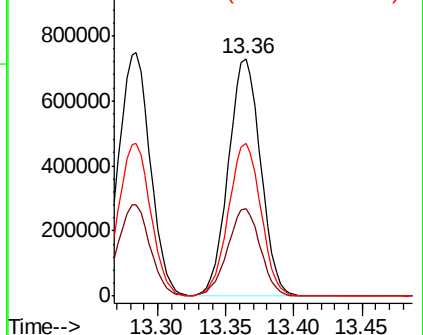


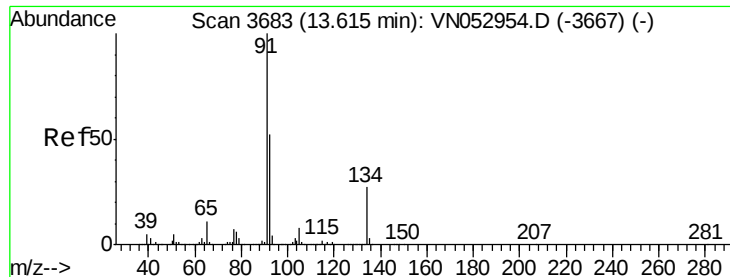
#88  
 1,4-Dichlorobenzene  
 Concen: 47.312 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Tgt Ion:146 Resp: 1199537  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 18.6 55.8  
 148 64.6 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





#89

n-Butylbenzene

Concen: 45.832 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampleId :

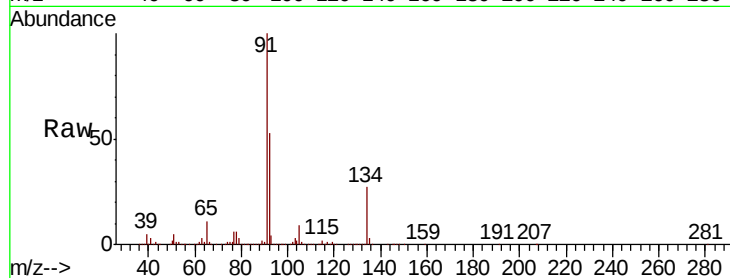
Tot Ion: 91 Resp: 1807788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.6  | 26.3  | 78.9  |
| 134 | 26.8  | 13.3  | 39.8  |

91 100

92 52.6 26.3 78.9

134 26.8 13.3 39.8

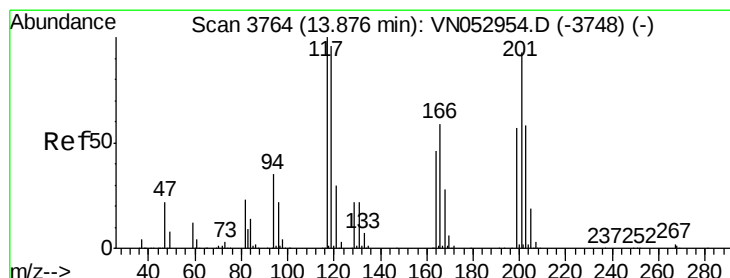
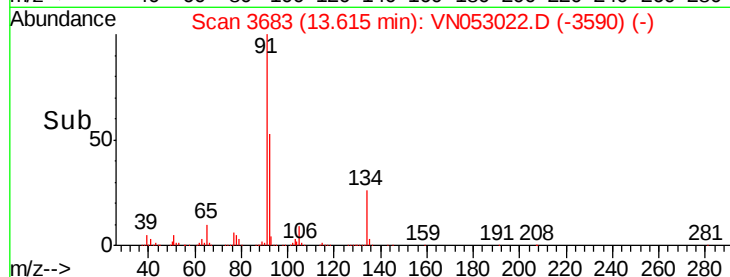
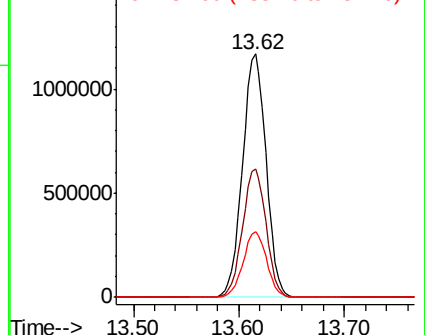


Abundance

Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)



#90

Hexachloroethane

Concen: 46.652 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053022.D

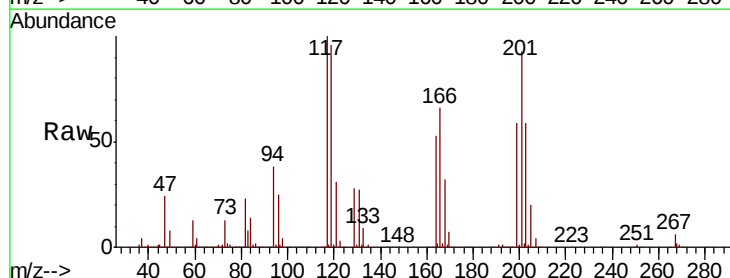
Acq: 19 Dec 2018 20:10

Tgt Ion: 117 Resp: 328232

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 92.4  | 45.7  | 137.1 |

117 100

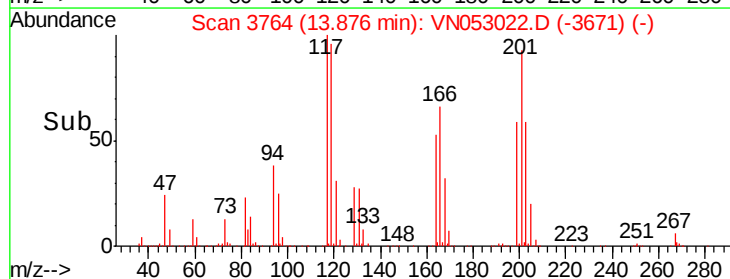
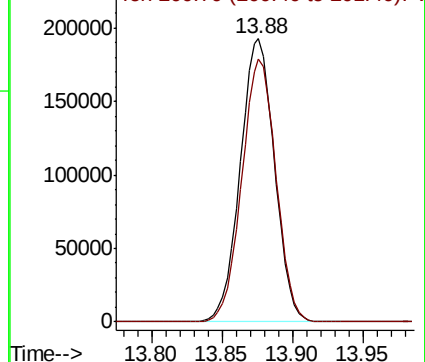
201 92.4 45.7 137.1

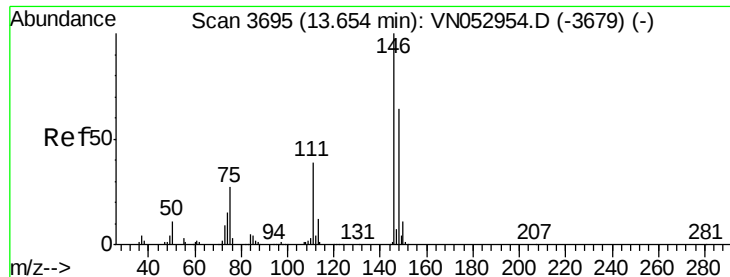


Abundance

Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 48.617 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Instrument :

MSVOA\_N

ClientSampleId :

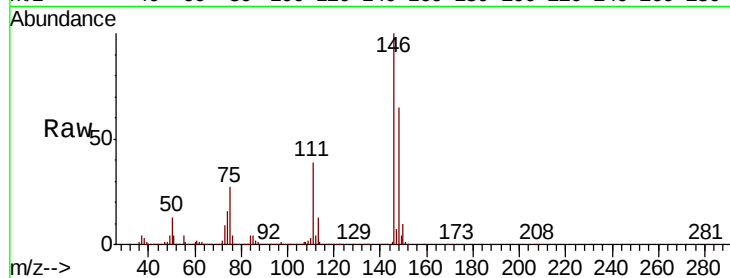
Tot Ion:146 Resp: 1145524

Ion Ratio Lower Upper

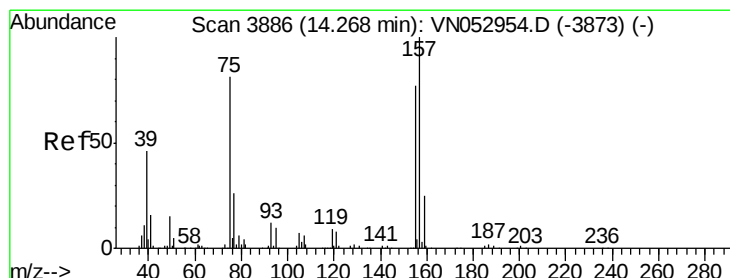
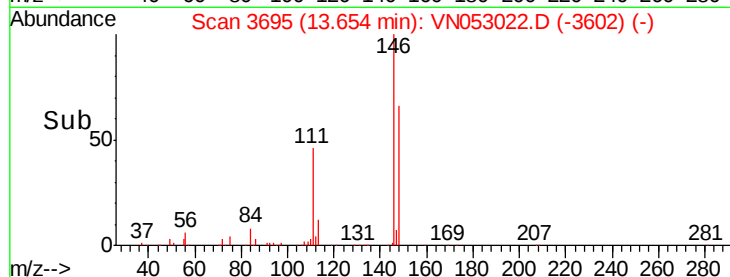
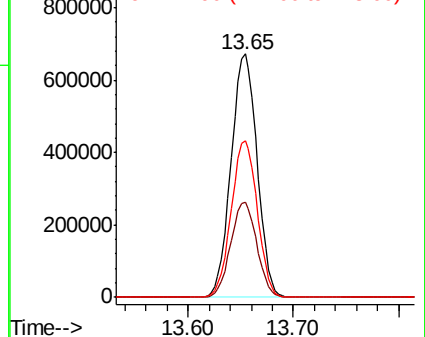
146 100

111 39.3 19.7 59.0

148 64.3 32.0 96.0



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: 47.121 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

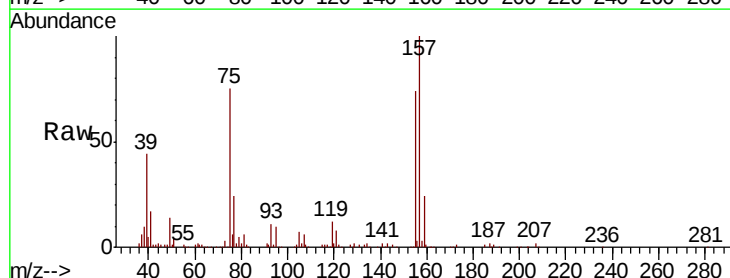
Tgt Ion: 75 Resp: 86983

Ion Ratio Lower Upper

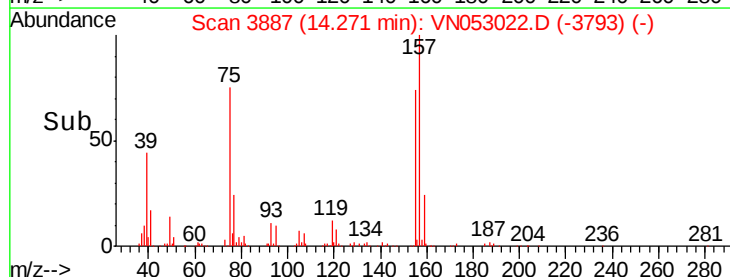
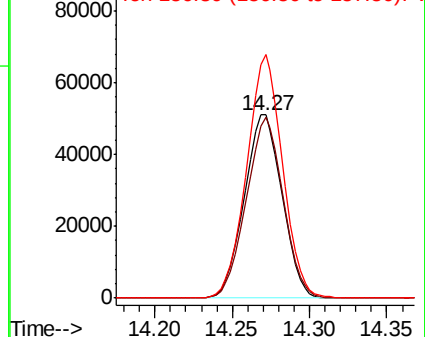
75 100

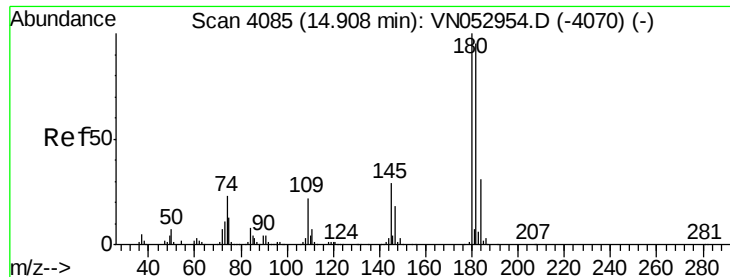
155 95.9 48.2 144.6

157 125.9 61.2 183.5



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

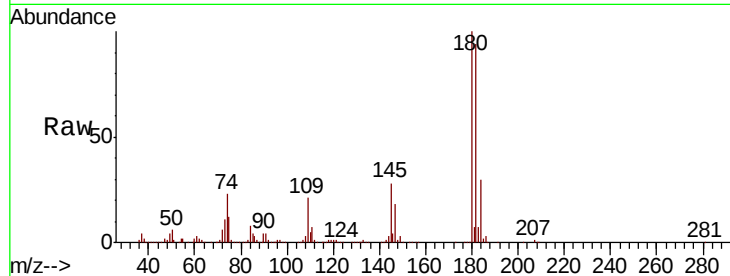




#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.442 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 47.8  | 143.3 |
| 145     | 28.0  | 14.2  | 42.6  |

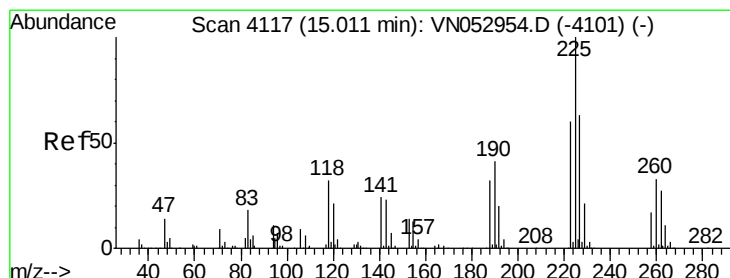
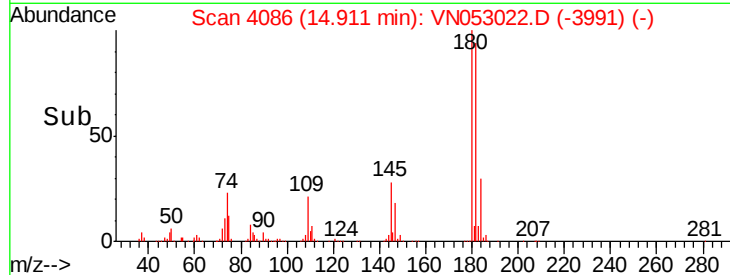
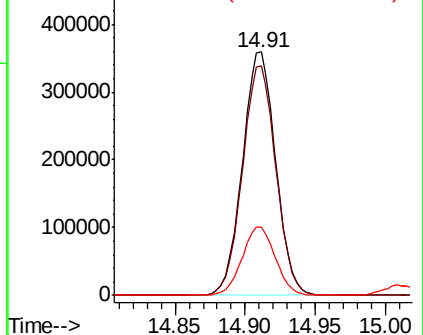


Abundance

Ion 179.80 (179.50 to 180.50): V

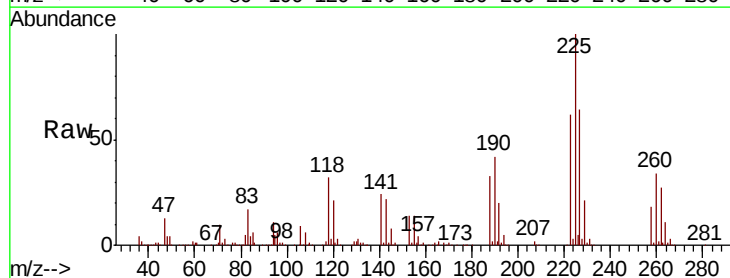
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 49.958 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN053022.D  
 Acq: 19 Dec 2018 20:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.3  | 31.5  | 94.5  |
| 227     | 63.4  | 31.9  | 95.7  |

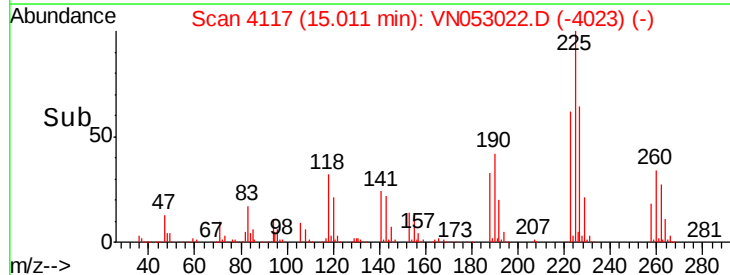
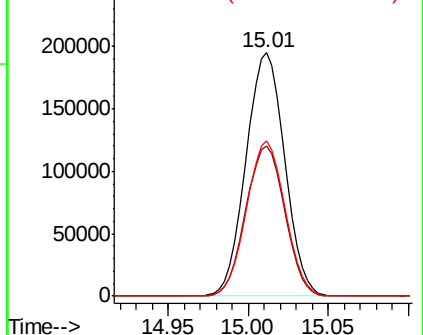


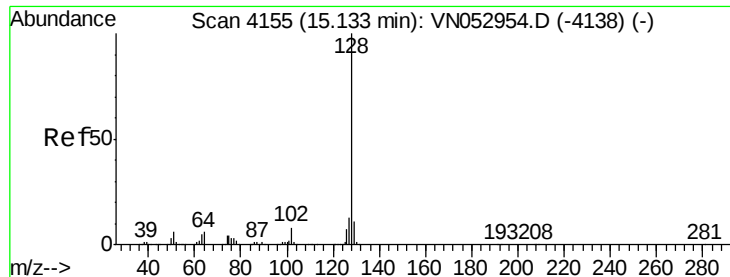
Abundance

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: 48.170 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

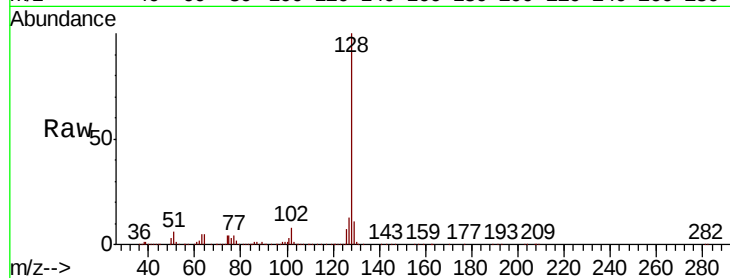
Instrument :

MSVOA\_N

ClientSampled :

Tot Ion:128 Resp: 1316087

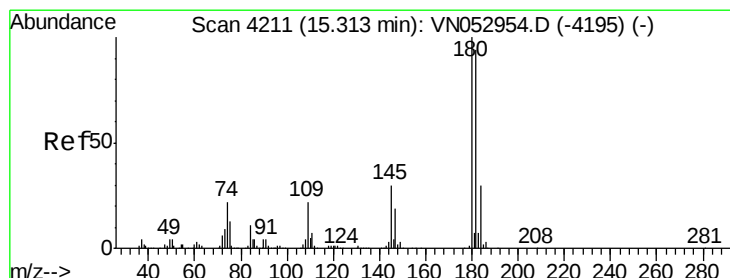
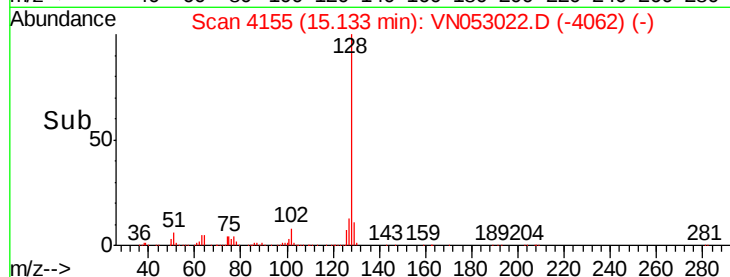
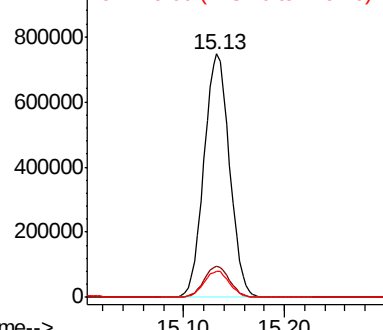
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.8  | 10.2  | 15.4  |
| 129 | 10.9  | 8.6   | 13.0  |



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.430 ug/l

RT: 15.31 min Scan# 4211

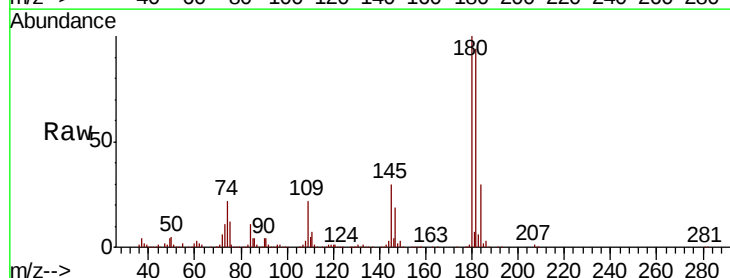
Delta R.T. 0.00 min

Lab File: VN053022.D

Acq: 19 Dec 2018 20:10

Tgt Ion:180 Resp: 532884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.8  | 47.9  | 143.7 |
| 145 | 29.8  | 15.0  | 45.0  |



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

