

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\  
 Data File : VN062340.D  
 Acq On : 2 Jul 2020 18:06  
 Operator : JC/MD  
 Sample : VN0702MBS01  
 Misc : 5.00µL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

Quant Time: Jul 03 00:34:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 137930   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 258550   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 239683   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 103488   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 116384   | 60.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 120.26% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 88339    | 53.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.52% |      |
| 50) Toluene-d8            | 10.06  | 98  | 341298   | 51.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.94% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 112995   | 50.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.88% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 25214  | 16.173  | ug/l | 99     |
| 3) Chloromethane              | 2.03 | 50  | 35760  | 18.644  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.16 | 62  | 40942  | 16.676  | ug/l | 98     |
| 5) Bromomethane               | 2.53 | 94  | 27695  | 17.453  | ug/l | 97     |
| 6) Chloroethane               | 2.67 | 64  | 27886  | 16.627  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 48060  | 15.886  | ug/l | 98     |
| 8) Diethyl Ether              | 3.37 | 74  | 21962  | 20.790  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 29967  | 18.915  | ug/l | 96     |
| 10) Methyl Iodide             | 3.91 | 142 | 33219  | 18.618  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.74 | 59  | 31844  | 114.583 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 28700  | 18.121  | ug/l | 91     |
| 13) Acrolein                  | 3.57 | 56  | 21415  | 78.705  | ug/l | 100    |
| 14) Allyl chloride            | 4.27 | 41  | 46250  | 21.449  | ug/l | 93     |
| 15) Acrylonitrile             | 4.93 | 53  | 84370  | 111.406 | ug/l | 98     |
| 16) Acetone                   | 3.78 | 43  | 74313  | 120.210 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.01 | 76  | 78699  | 17.381  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 37622  | 24.451  | ug/l | 95     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 105323 | 20.811  | ug/l | 97     |
| 20) Methylene Chloride        | 4.50 | 84  | 38962  | 21.805  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 32216  | 17.856  | ug/l | 96     |
| 22) Diisopropyl ether         | 5.90 | 45  | 105909 | 21.572  | ug/l | 92     |
| 23) Vinyl Acetate             | 5.84 | 43  | 435412 | 108.624 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 64805  | 20.498  | ug/l | 98     |
| 25) 2-Butanone                | 6.79 | 43  | 109158 | 115.376 | ug/l | 95     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 51025  | 19.368  | ug/l | 95     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 38245  | 18.838  | ug/l | 96     |
| 28) Bromochloromethane        | 7.15 | 49  | 28622  | 20.866  | ug/l | 87     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 71709  | 115.707 | ug/l | 95     |
| 30) Chloroform                | 7.33 | 83  | 63273  | 19.671  | ug/l | 100    |
| 31) Cyclohexane               | 7.62 | 56  | 49791  | 18.619  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 51226  | 18.884  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 44676  | 17.191  | ug/l | 97     |
| 37) Ethyl Acetate             | 6.88 | 43  | 47160  | 21.915  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 40455  | 16.511  | ug/l | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN070220\  
 Data File : VN062340.D  
 Acq On : 2 Jul 2020 18:06  
 Operator : JC/MD  
 Sample : VN0702MBS01  
 Misc : 5.00µL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0702MBS01

Quant Time: Jul 03 00:34:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 47314    | 16.616  | ug/l   | 96       |
| 40) Benzene                    | 8.00  | 78   | 144166   | 18.200  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 18353    | 18.396  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 52492    | 19.614  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 74156    | 21.139  | ug/l   | 98       |
| 44) Trichloroethene            | 8.80  | 130  | 32451    | 16.241  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 38121    | 19.508  | ug/l   | 100      |
| 46) Dibromomethane             | 9.18  | 93   | 24776    | 18.700  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.37  | 83   | 50419    | 18.847  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.17  | 41   | 31600    | 20.090  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 14282    | 409.447 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 227162   | 110.832 | ug/l   | 97       |
| 52) Toluene                    | 10.12 | 92   | 86922    | 17.985  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 54236    | 18.427  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 58655    | 18.719  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.54 | 97   | 36345    | 19.131  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 49446    | 19.502  | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 63080    | 19.290  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 99757    | 102.564 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.72 | 43   | 162560   | 109.837 | ug/l   | 96       |
| 60) Dibromochloromethane       | 10.87 | 129  | 36820    | 18.306  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 35661    | 18.268  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 24794    | 15.144  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.41 | 112  | 92167    | 17.511  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 32849    | 18.048  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 158565   | 17.838  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.60 | 106  | 120462   | 35.036  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 56559    | 17.435  | ug/l   | 96       |
| 70) Styrene                    | 11.94 | 104  | 95036    | 17.566  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 22863    | 17.668  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.22 | 105  | 151497   | 18.912  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 57863    | 21.653  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 56178    | 21.074  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 68772    | 28.229  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 35130    | 17.664  | ug/l   | 88       |
| 78) n-propylbenzene            | 12.57 | 91   | 173248   | 18.907  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 107030   | 19.321  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 124781   | 19.215  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 16657    | 19.968  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 110086   | 19.217  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 101955   | 18.345  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 122311   | 18.858  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 139676   | 19.020  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 118586   | 18.431  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 63411    | 18.157  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 62587    | 17.385  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.59 | 91   | 94434    | 17.654  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 23811    | 18.863  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 61576    | 18.182  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 9766     | 22.869  | ug/l   | 84       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN070220\  
Data File : VN062340.D  
Acq On : 2 Jul 2020 18:06  
Operator : JC/MD  
Sample : VN0702MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 6 Sample Multiplier: 1

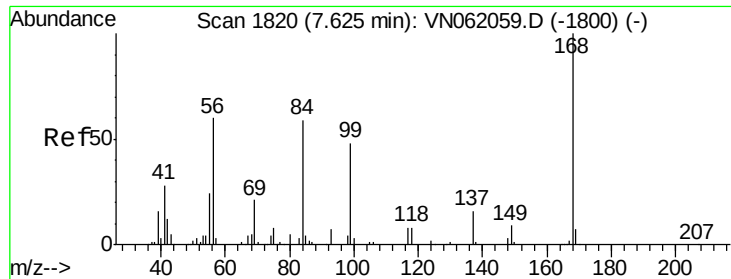
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0702MBS01

Quant Time: Jul 03 00:34:34 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 24 15:33:00 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 24000    | 16.222 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 11577    | 18.017 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 70094    | 17.069 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 25176    | 16.643 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

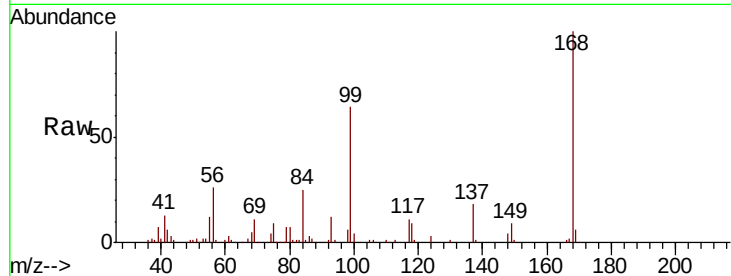
VN0702MBS01

Tot Ion:168 Resp: 137930

Ion Ratio Lower Upper

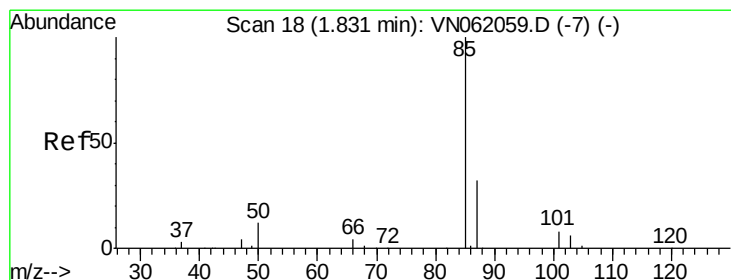
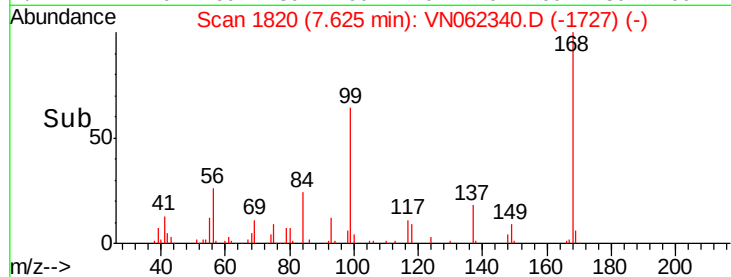
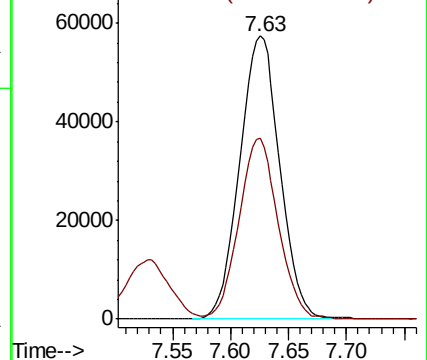
168 100

99 63.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.173 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062340.D

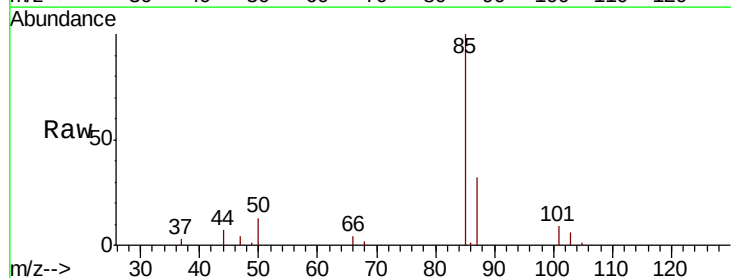
Acq: 2 Jul 2020 18:06

Tgt Ion: 85 Resp: 25214

Ion Ratio Lower Upper

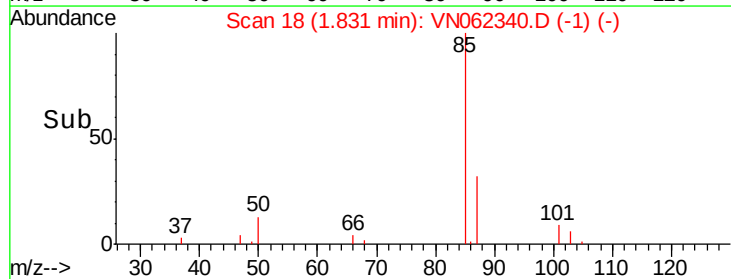
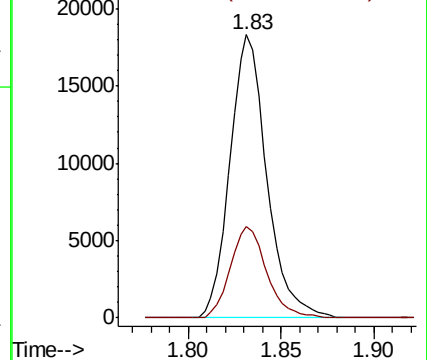
85 100

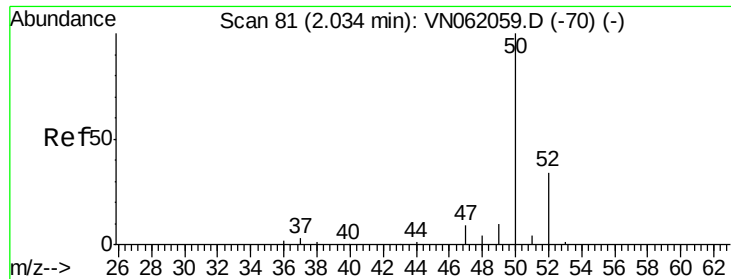
87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

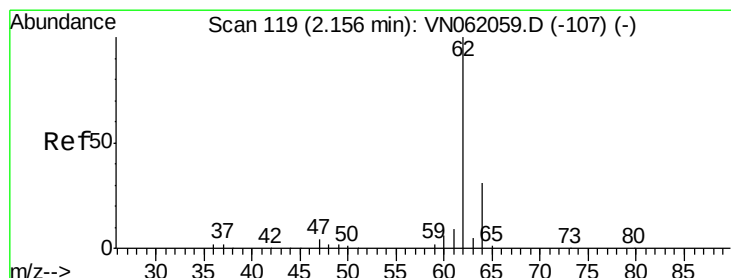
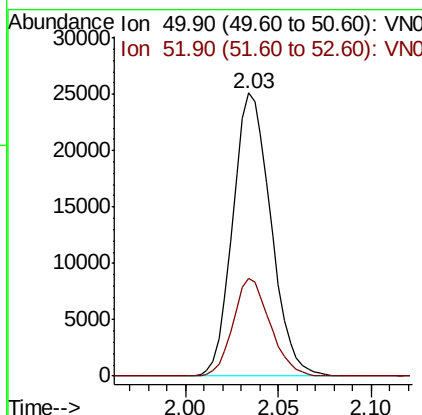
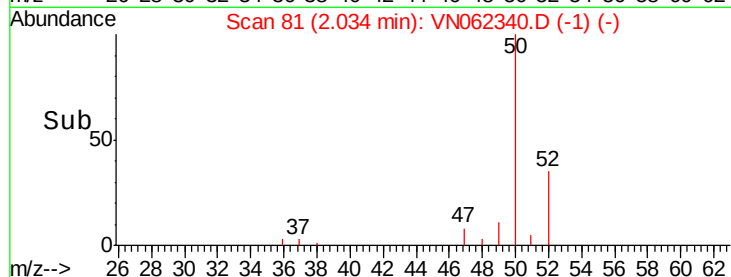
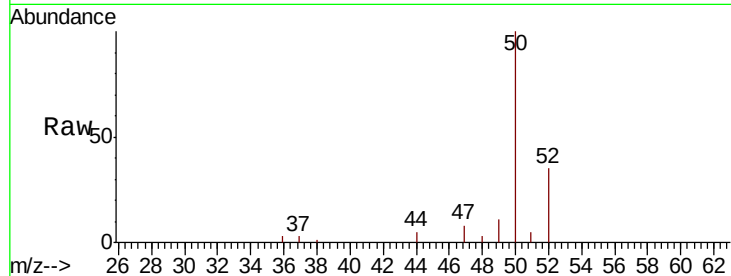




#3  
 Chloromethane  
 Concen: 18.644 ug/l  
 RT: 2.03 min Scan# 81  
 Delta R.T. 0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

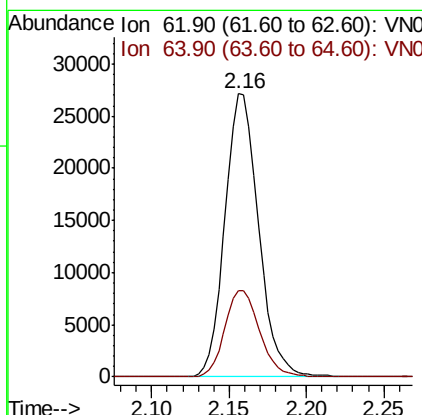
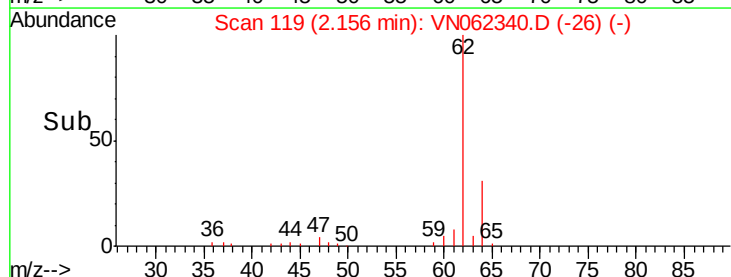
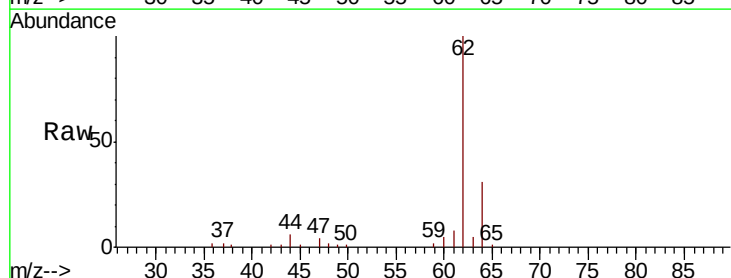
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

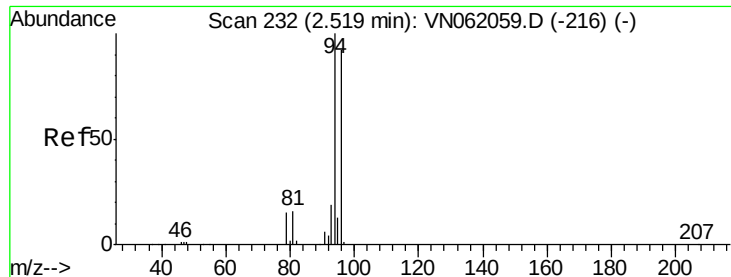
Tot Ion: 50 Resp: 35760  
 Ion Ratio Lower Upper  
 50 100  
 52 34.7 27.0 40.6



#4  
 Vinyl Chloride  
 Concen: 16.676 ug/l  
 RT: 2.16 min Scan# 119  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion: 62 Resp: 40942  
 Ion Ratio Lower Upper  
 62 100  
 64 30.6 25.1 37.7





#5

Bromomethane

Concen: 17.453 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

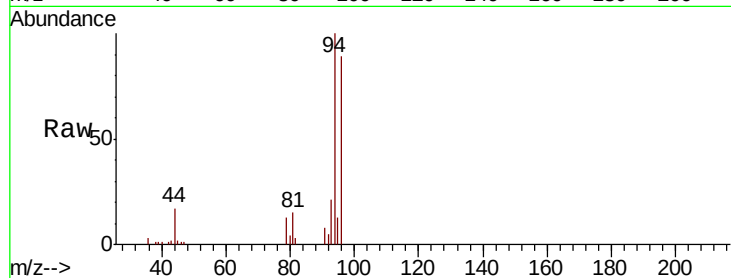
VN0702MBS01

Tot Ion: 94 Resp: 27695

Ion Ratio Lower Upper

94 100

96 89.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

2.53

15000

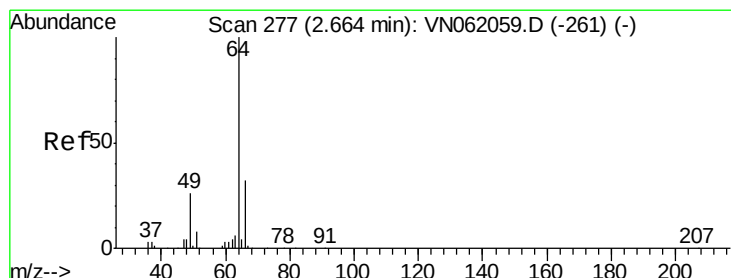
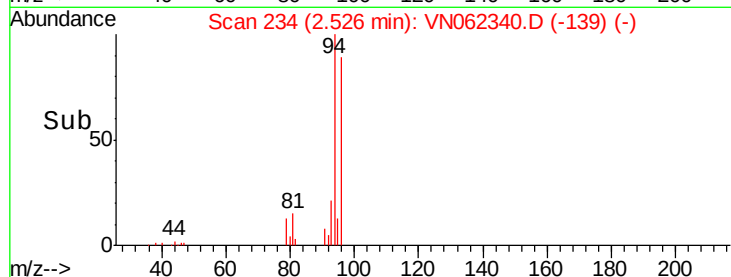
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 16.627 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062340.D

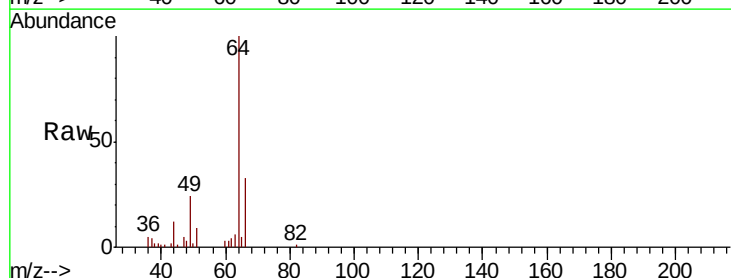
Acq: 2 Jul 2020 18:06

Tgt Ion: 64 Resp: 27886

Ion Ratio Lower Upper

64 100

66 32.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2.67

15000

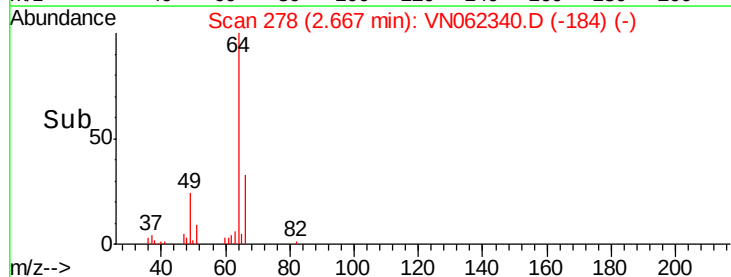
10000

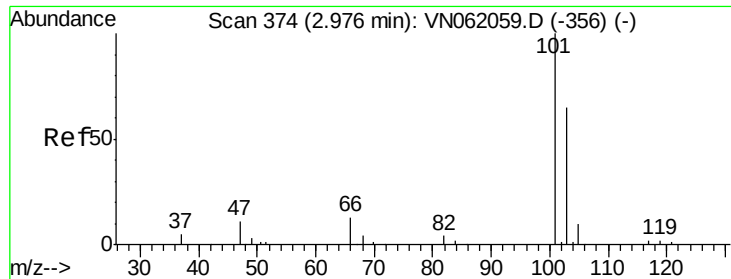
5000

0

Time-->

2.60 2.65 2.70 2.75



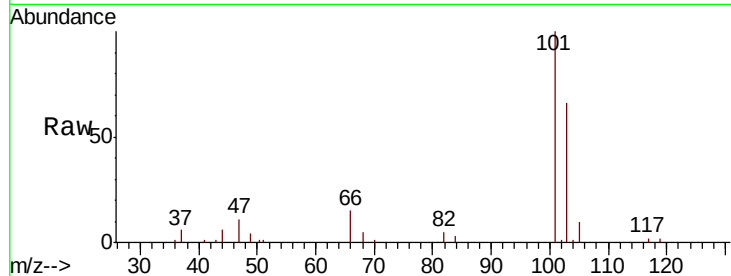


#7

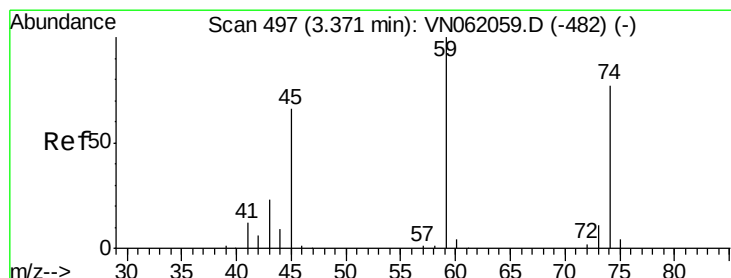
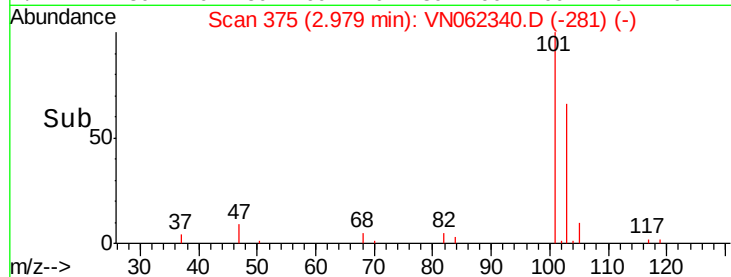
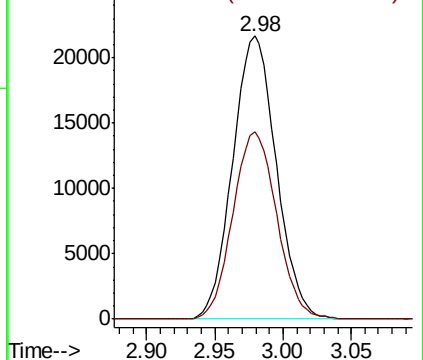
Trichlorofluoromethane  
 Concen: 15.886 ug/l  
 RT: 2.98 min Scan# 375  
 Delta R.T. 0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

Tot Ion:101 Resp: 48060  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 51.8 77.6



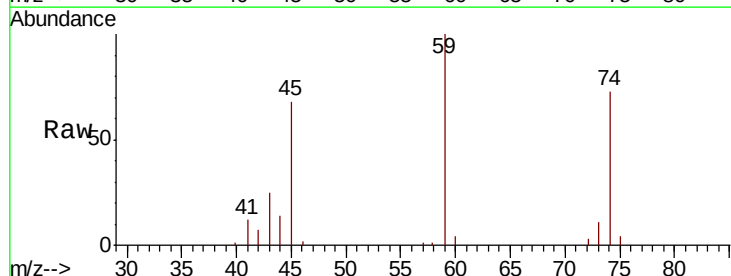
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



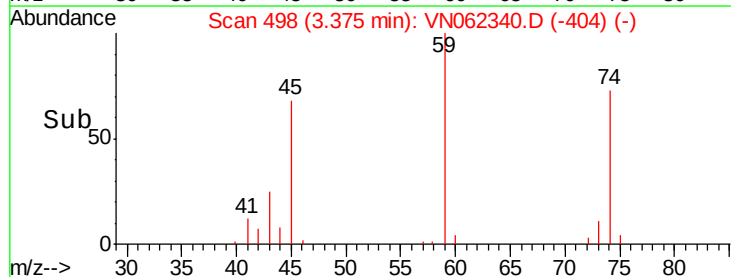
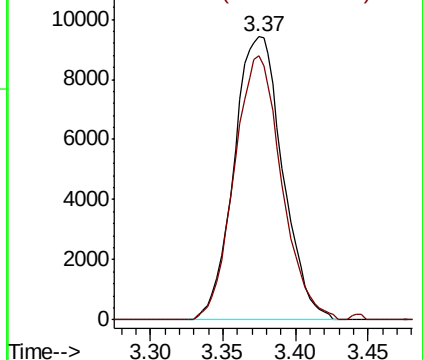
#8

Diethyl Ether  
 Concen: 20.790 ug/l  
 RT: 3.37 min Scan# 498  
 Delta R.T. 0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

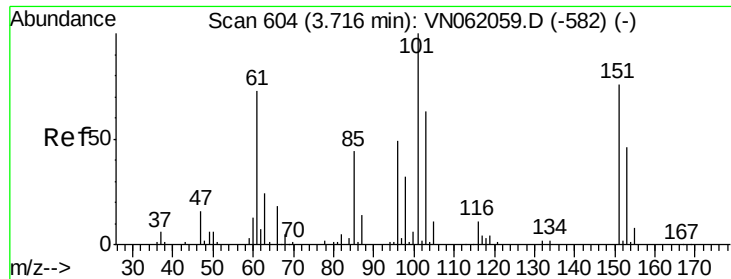
Tgt Ion: 74 Resp: 21962  
 Ion Ratio Lower Upper  
 74 100  
 45 90.8 42.5 127.5



Abundance Ion 74.00 (73.70 to 74.70): VN0  
 Ion 45.00 (44.70 to 45.70): VN0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.915 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

VN0702MBS01

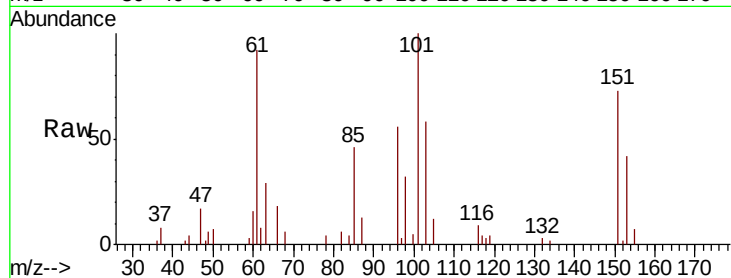
Tot Ion:101 Resp: 29967

Ion Ratio Lower Upper

101 100

85 43.0 34.5 51.7

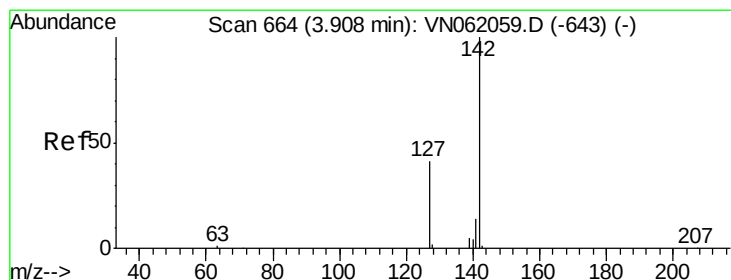
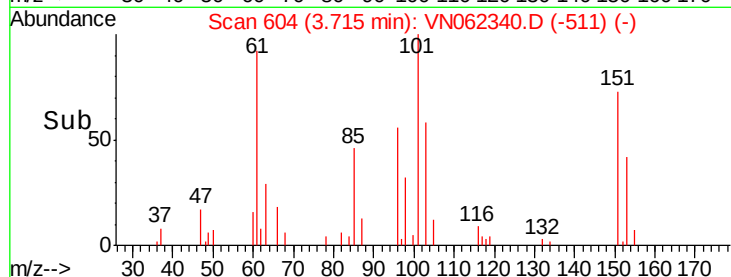
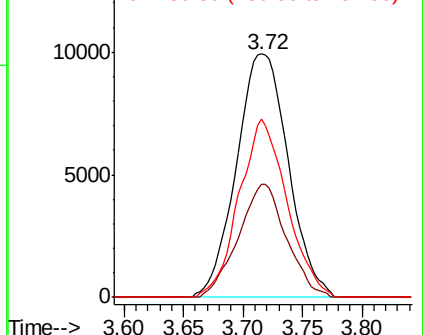
151 67.6 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.618 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

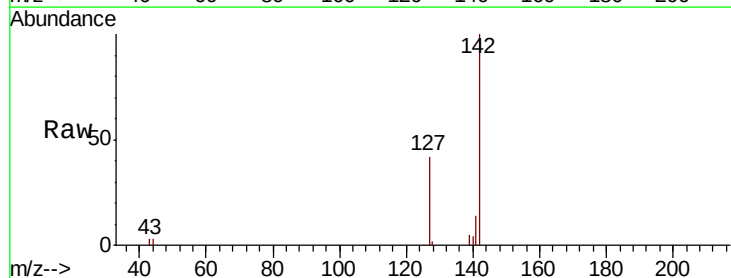
Tgt Ion:142 Resp: 33219

Ion Ratio Lower Upper

142 100

127 41.3 33.6 50.4

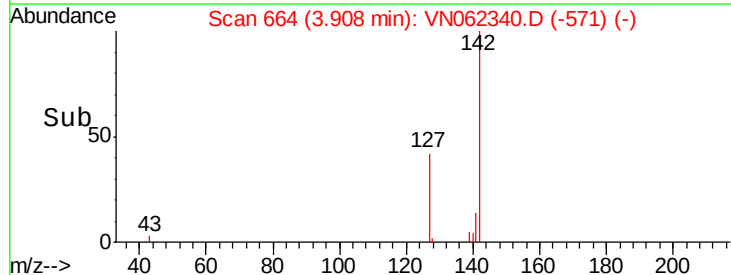
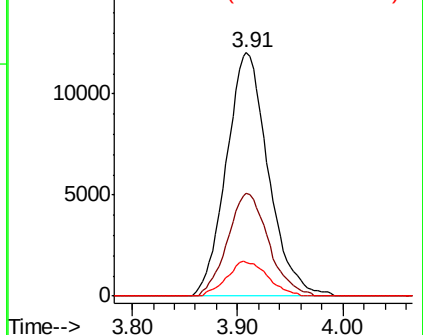
141 14.0 11.3 16.9

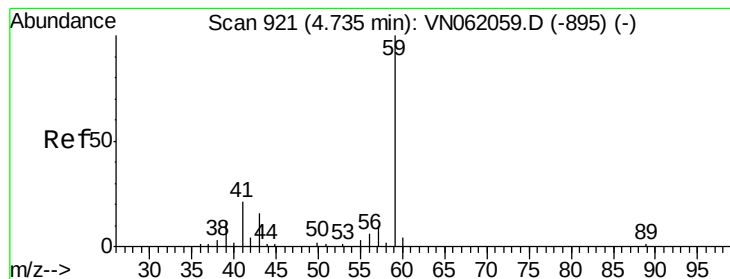


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



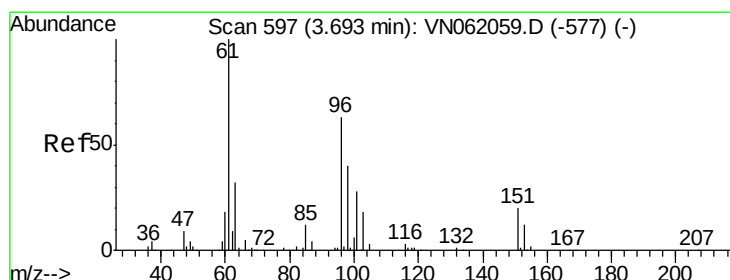
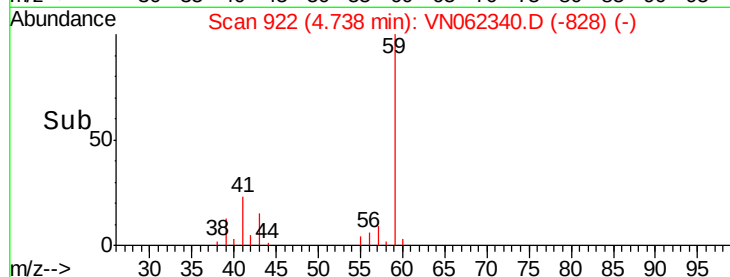
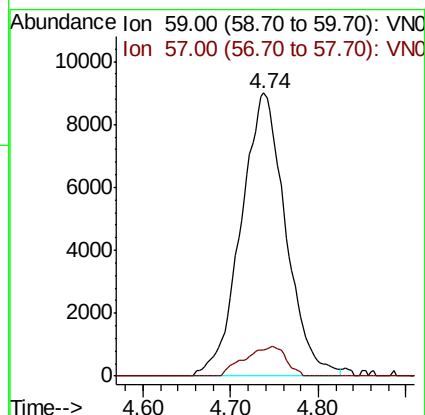
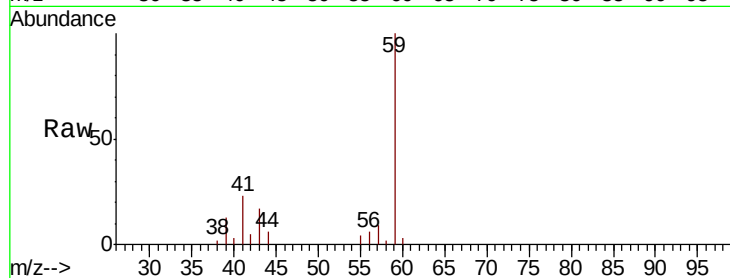


#11

Tert butyl alcohol  
 Concen: 114.583 ug/l  
 RT: 4.74 min Scan# 922  
 Delta R.T. 0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

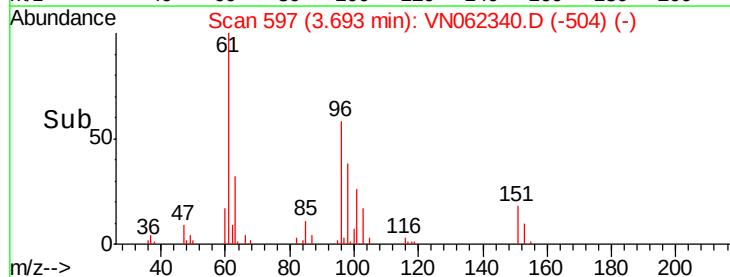
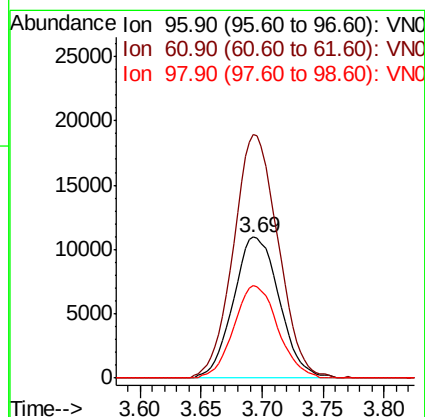
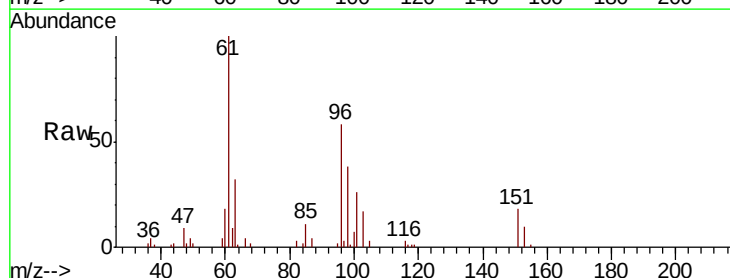
Tot Ion: 59 Resp: 31844  
 Ion Ratio Lower Upper  
 59 100  
 57 9.7 8.3 12.5

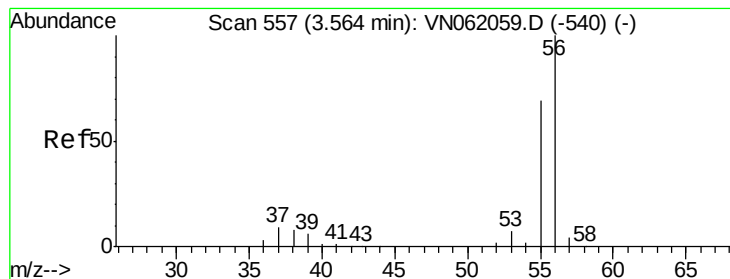


#12

1,1-Dichloroethene  
 Concen: 18.121 ug/l  
 RT: 3.69 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion: 96 Resp: 28700  
 Ion Ratio Lower Upper  
 96 100  
 61 172.8 126.7 190.1  
 98 65.6 51.0 76.4





#13

Acrolein

Concen: 78.705 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

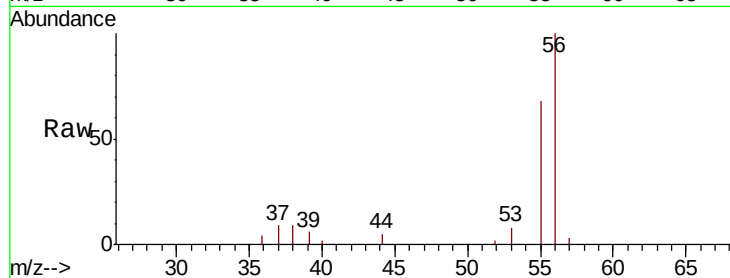
VN0702MBS01

Tot Ion: 56 Resp: 21415

Ion Ratio Lower Upper

56 100

55 69.3 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062340.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062340.D (-540) (-)

3.57

8000

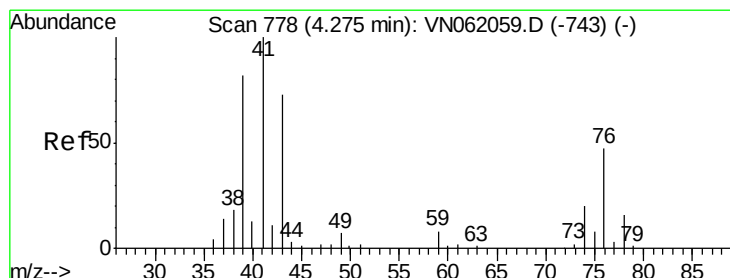
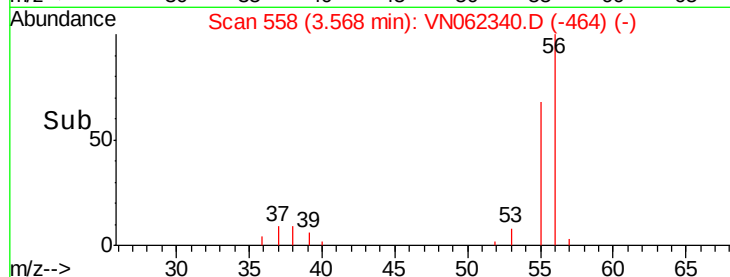
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 21.449 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

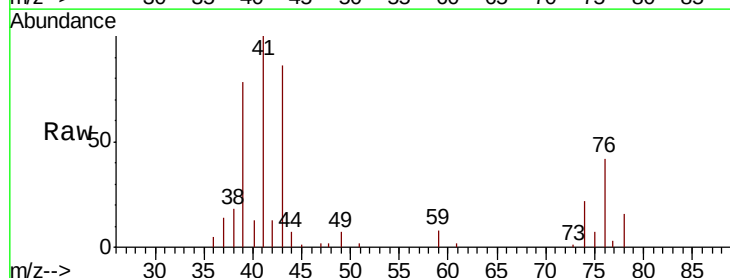
Tgt Ion: 41 Resp: 46250

Ion Ratio Lower Upper

41 100

39 68.7 60.0 90.0

76 38.7 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062340.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062340.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062340.D (-685) (-)

4.27

20000

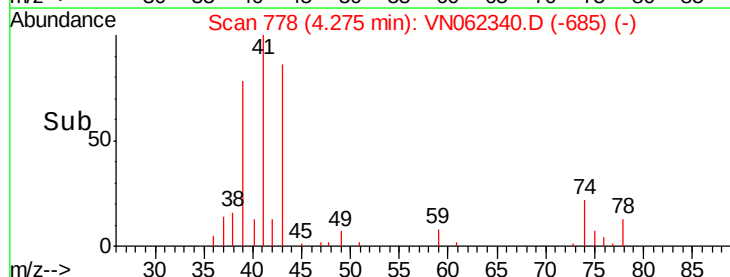
15000

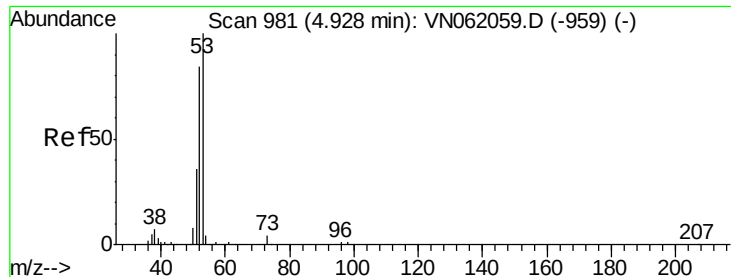
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 111.406 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

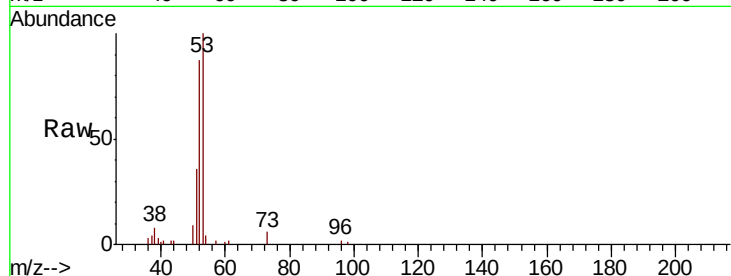
Tot Ion: 53 Resp: 84370

Ion Ratio Lower Upper

53 100

52 84.7 66.2 99.4

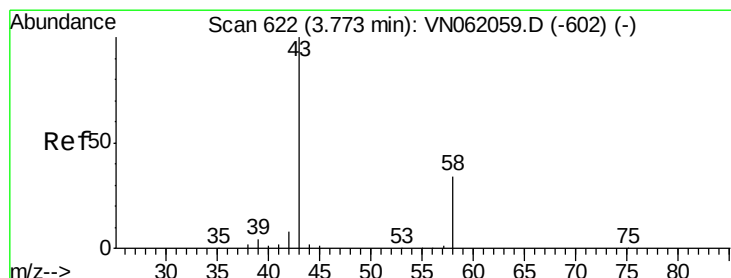
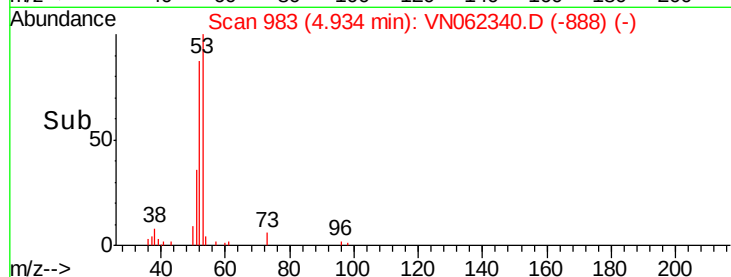
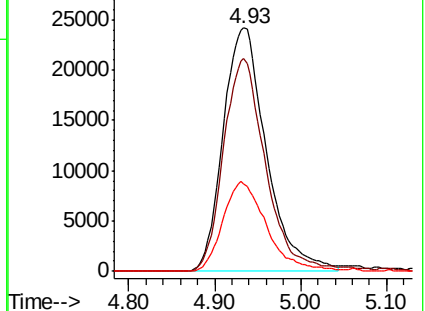
51 37.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062059.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062059.D (-959) (-)



#16

Acetone

Concen: 120.210 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062340.D

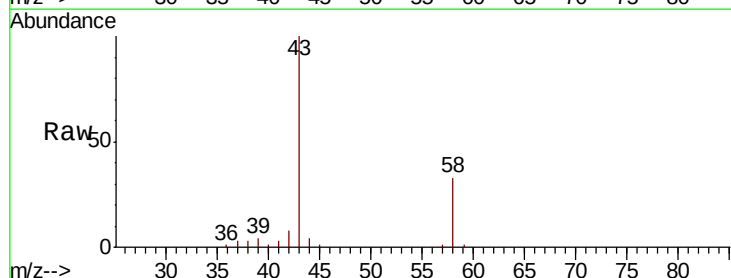
Acq: 2 Jul 2020 18:06

Tgt Ion: 43 Resp: 74313

Ion Ratio Lower Upper

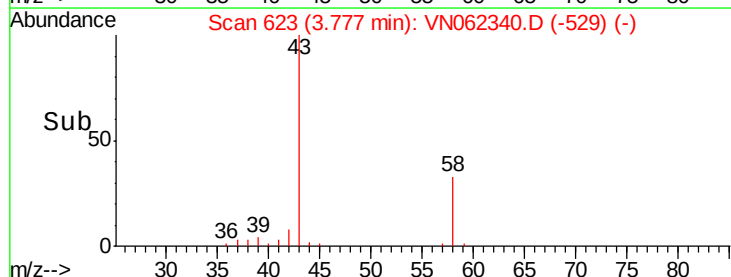
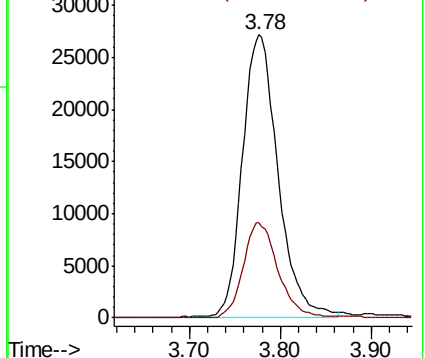
43 100

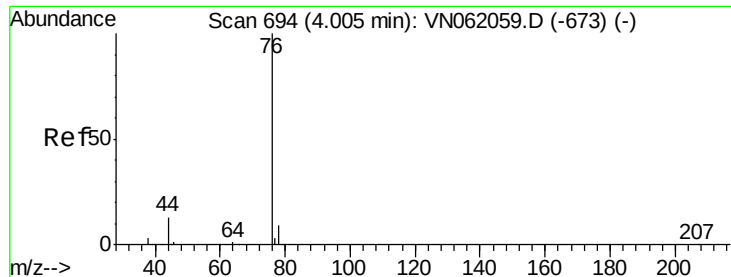
58 33.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)





#17

Carbon Disulfide

Concen: 17.381 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

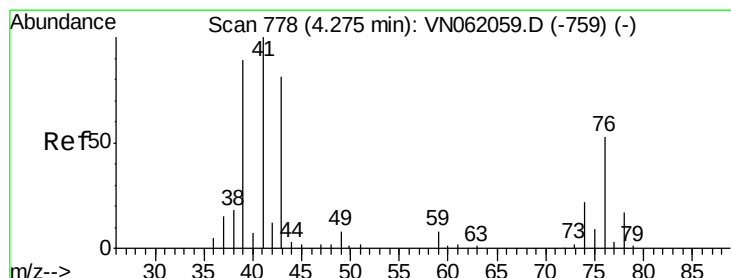
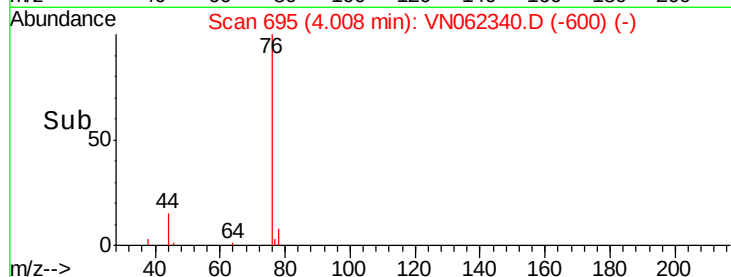
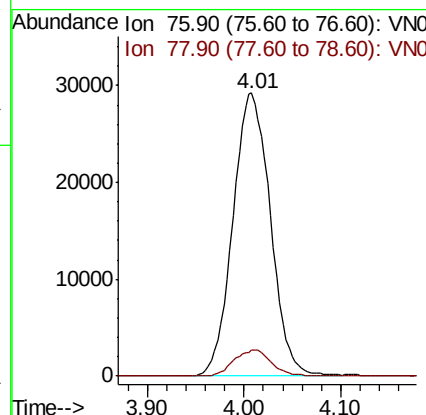
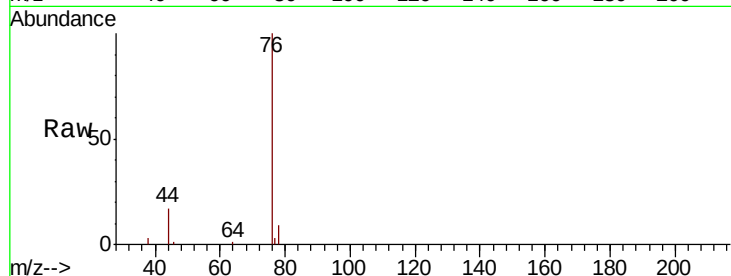
VN0702MBS01

Tot Ion: 76 Resp: 78699

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 24.451 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062340.D

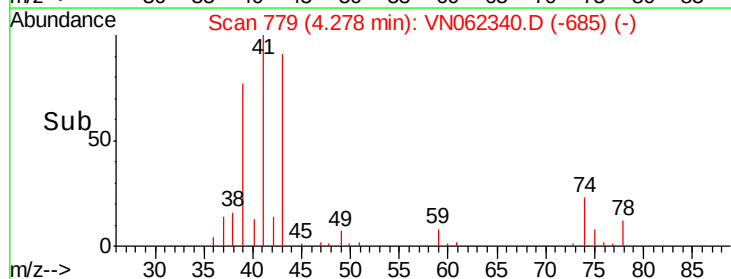
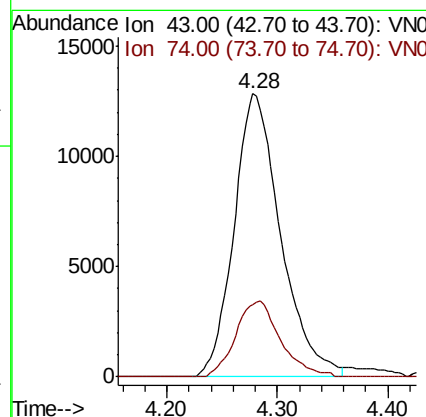
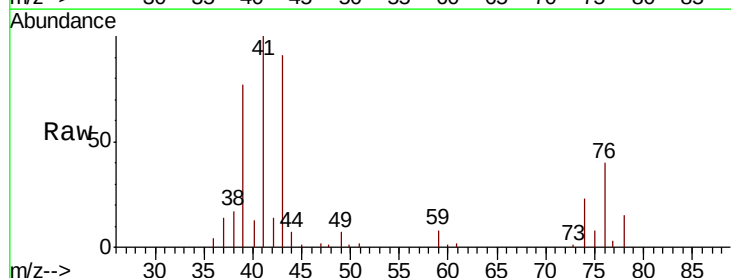
Acq: 2 Jul 2020 18:06

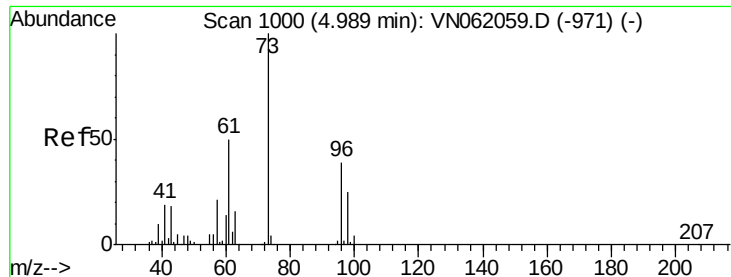
Tgt Ion: 43 Resp: 37622

Ion Ratio Lower Upper

43 100

74 25.8 22.9 34.3

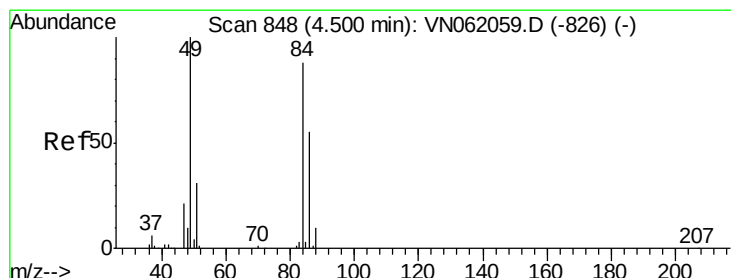
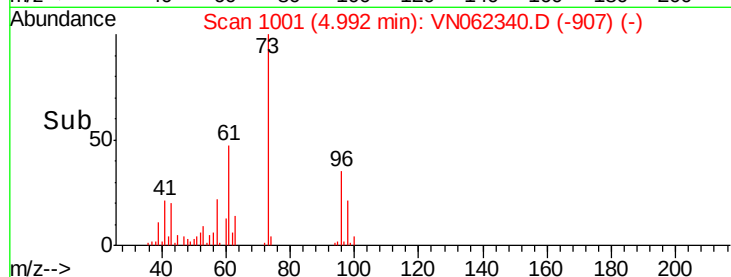
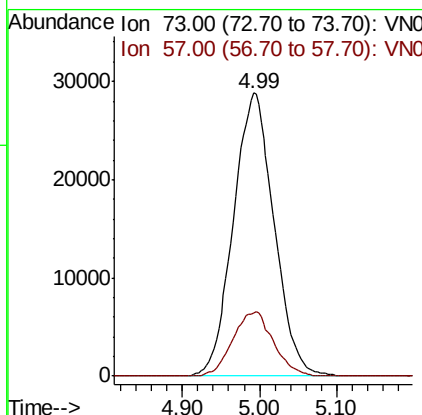
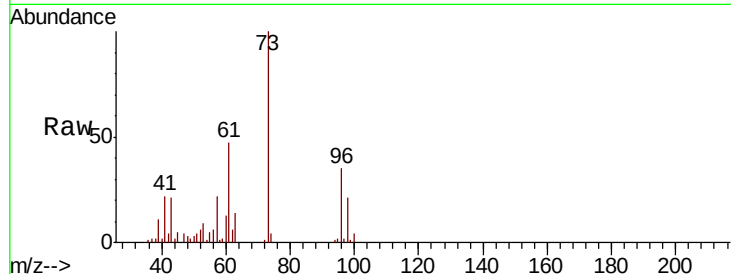




#19  
Methyl tert-butyl Ether  
Concen: 20.811 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

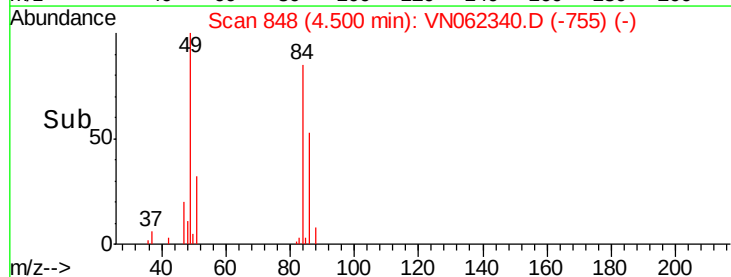
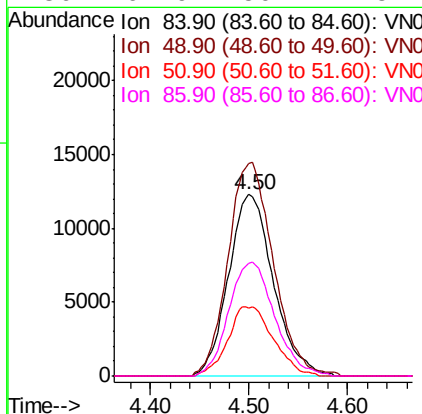
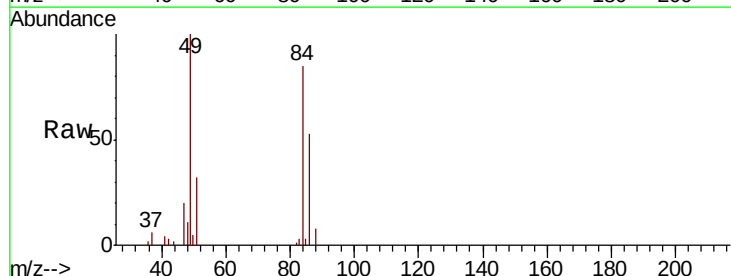
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0702MBS01

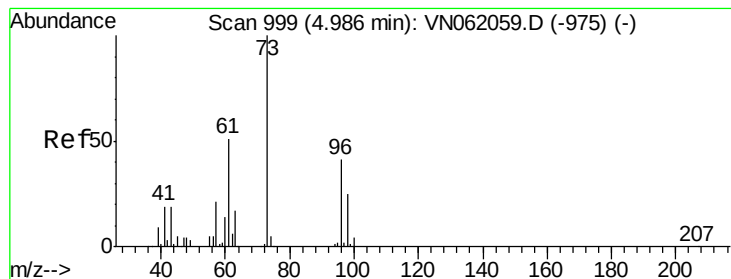
Tot Ion: 73 Resp: 105323  
Ion Ratio Lower Upper  
73 100  
57 22.2 16.6 24.8



#20  
Methylene Chloride  
Concen: 21.805 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 84 Resp: 38962  
Ion Ratio Lower Upper  
84 100  
49 117.0 90.6 136.0  
51 37.6 27.8 41.8  
86 61.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.856 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

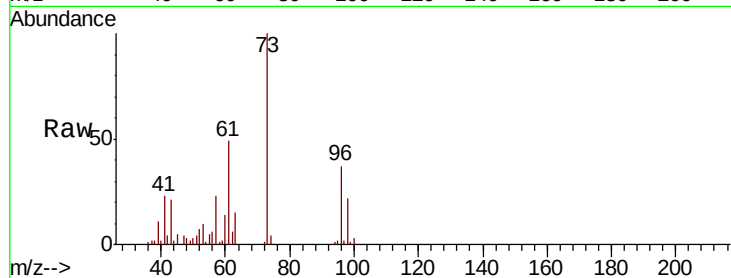
Tot Ion: 96 Resp: 32216

Ion Ratio Lower Upper

96 100

61 132.8 101.4 152.2

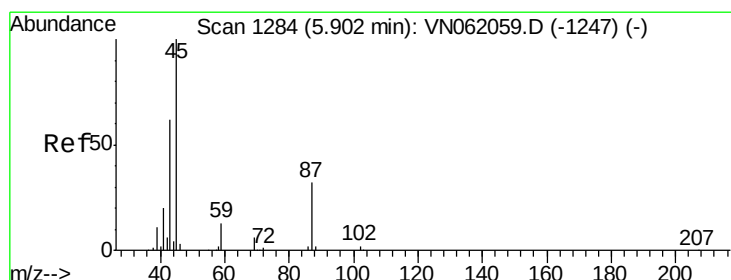
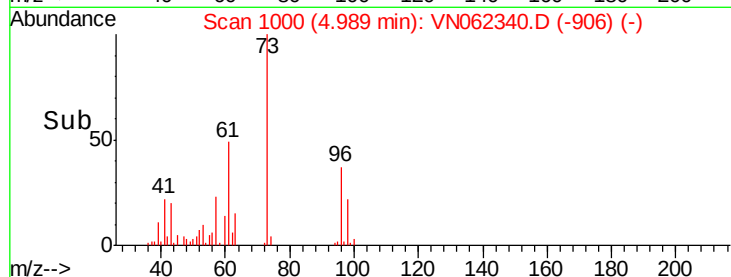
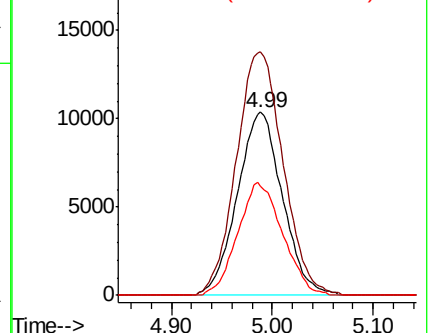
98 59.6 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062340.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062340.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062340.D (-906) (-)



#22

Diisopropyl ether

Concen: 21.572 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion: 45 Resp: 105909

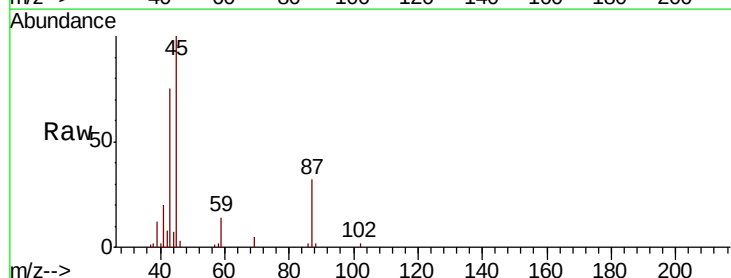
Ion Ratio Lower Upper

45 100

43 72.7 49.7 74.5

87 32.0 25.9 38.9

59 13.7 10.6 16.0

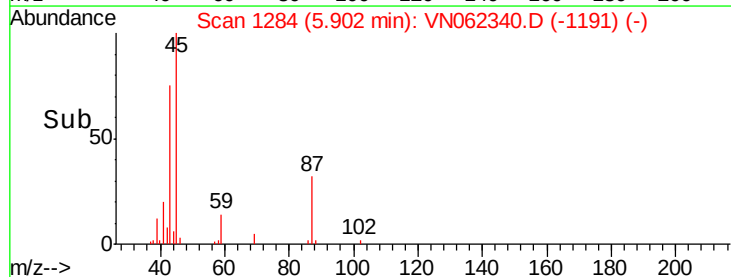
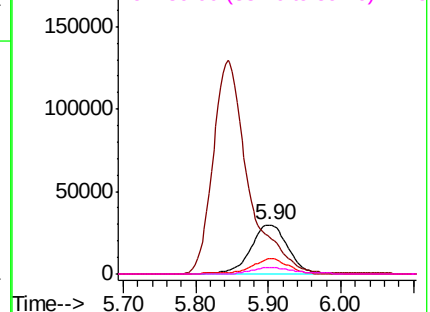


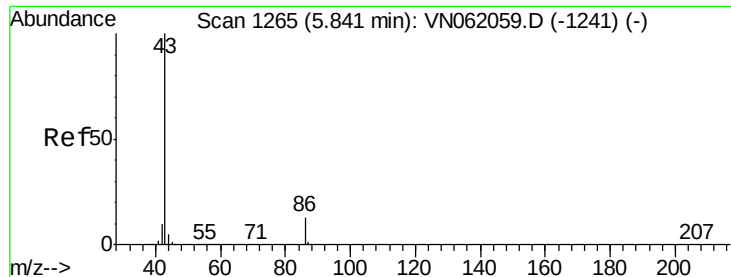
Abundance Ion 45.00 (44.70 to 45.70): VN062340.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062340.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062340.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062340.D (-1191) (-)





#23

Vinyl Acetate

Concen: 108.624 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

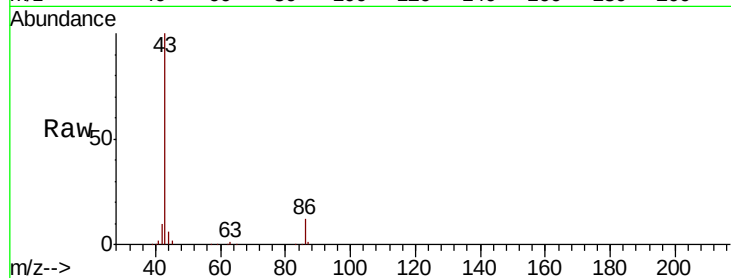
VN0702MBS01

Tot Ion: 43 Resp: 435412

Ion Ratio Lower Upper

43 100

86 12.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062340.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062340.D (-1172) (-)

5.84

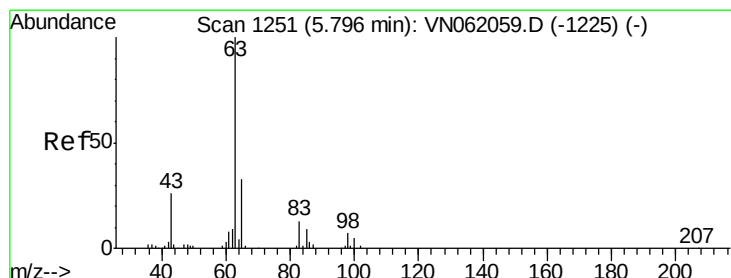
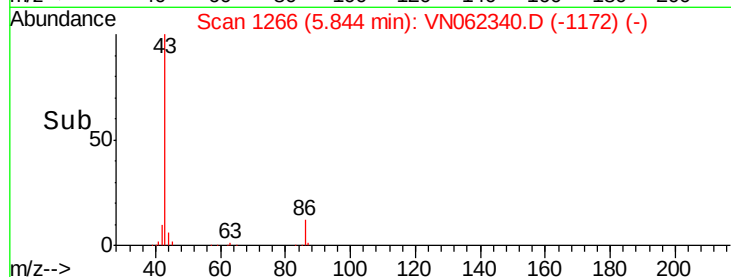
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.498 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

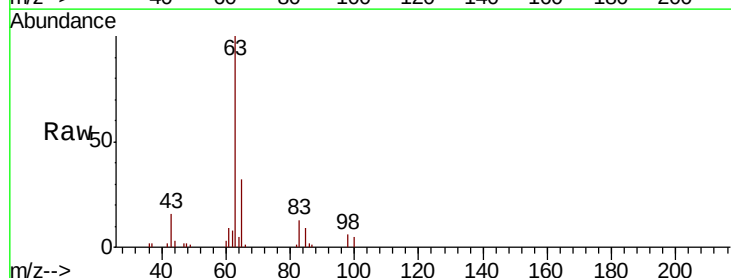
Tgt Ion: 63 Resp: 64805

Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062340.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062340.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062340.D (-1158) (-)

5.80

25000

20000

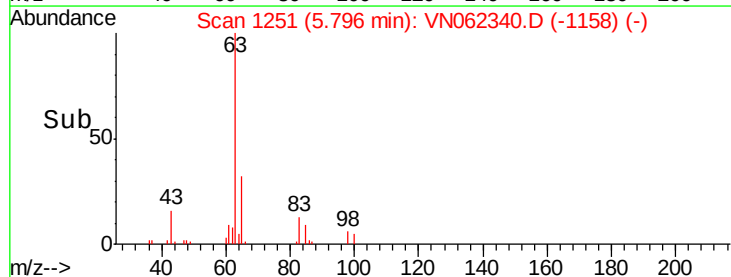
15000

10000

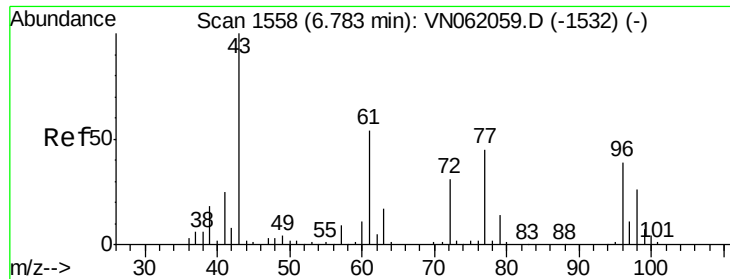
5000

0

Time-->



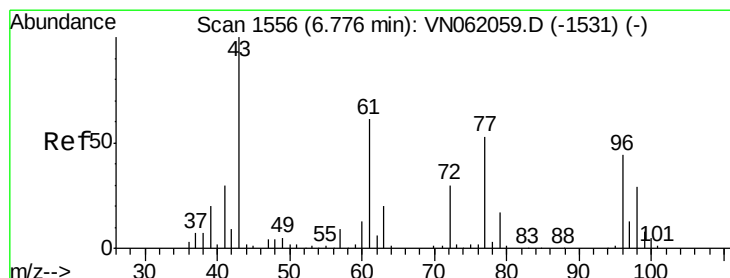
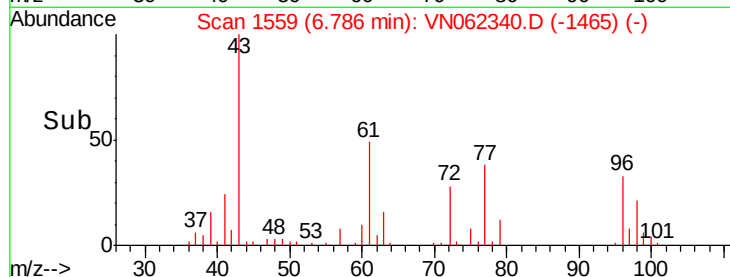
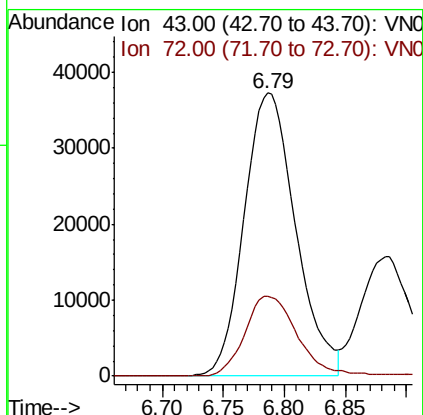
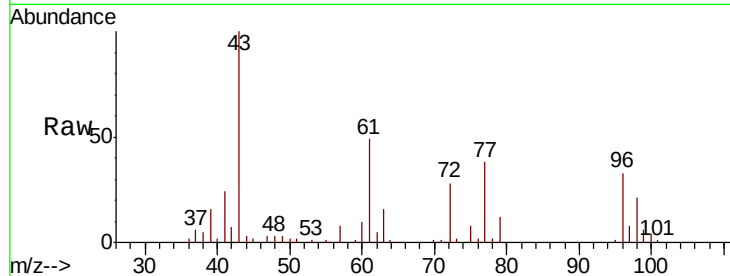




#25  
2-Butanone  
Concen: 115.376 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

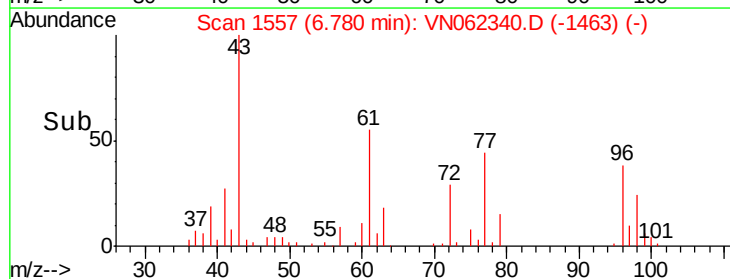
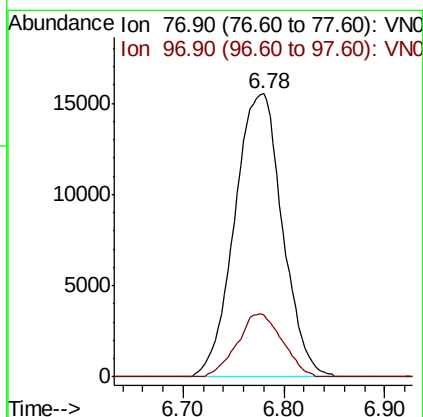
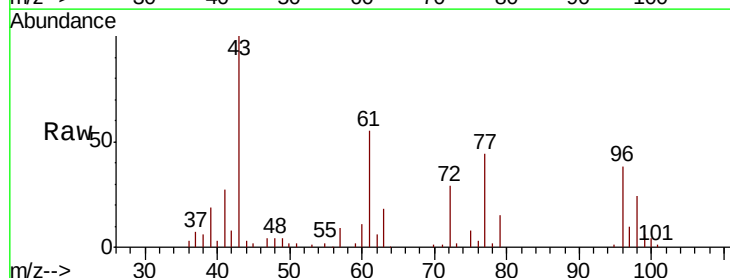
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0702MBS01

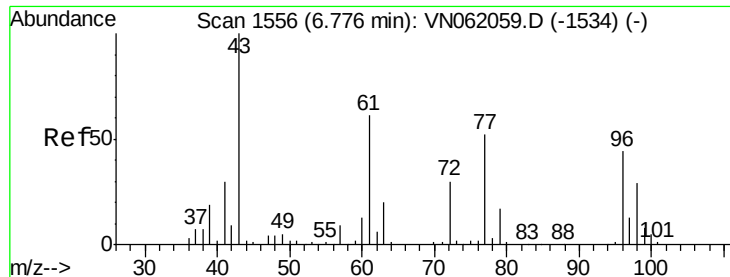
Tot Ion: 43 Resp: 109158  
Ion Ratio Lower Upper  
43 100  
72 28.1 24.8 37.2



#26  
2,2-Dichloropropane  
Concen: 19.368 ug/l  
RT: 6.78 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 77 Resp: 51025  
Ion Ratio Lower Upper  
77 100  
97 21.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

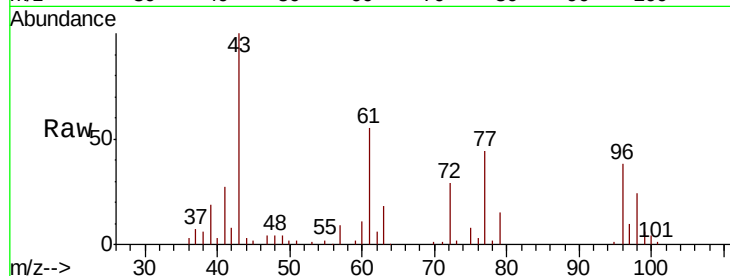
Tot Ion: 96 Resp: 38245

Ion Ratio Lower Upper

96 100

61 146.6 0.0 280.4

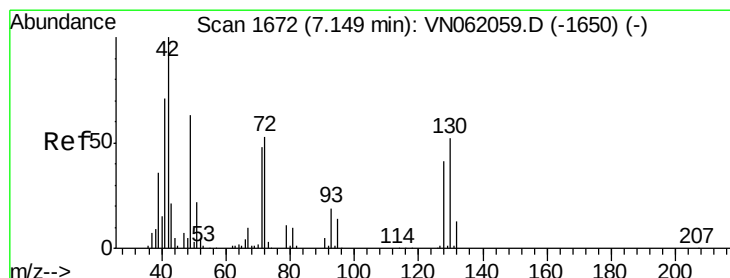
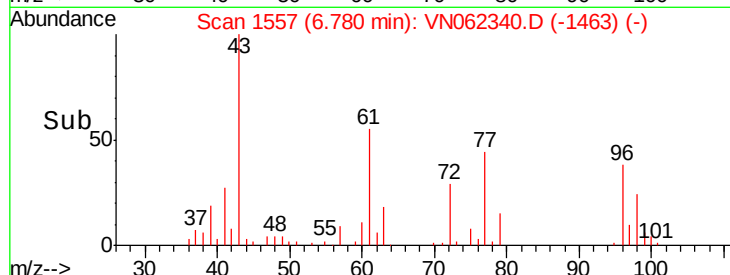
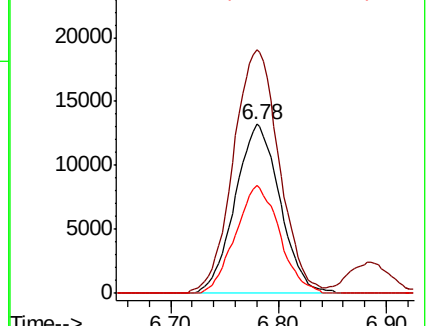
98 62.5 0.0 129.4



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: 20.866 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

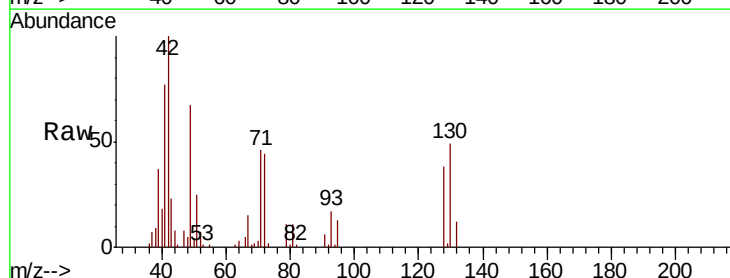
Tgt Ion: 49 Resp: 28622

Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.4

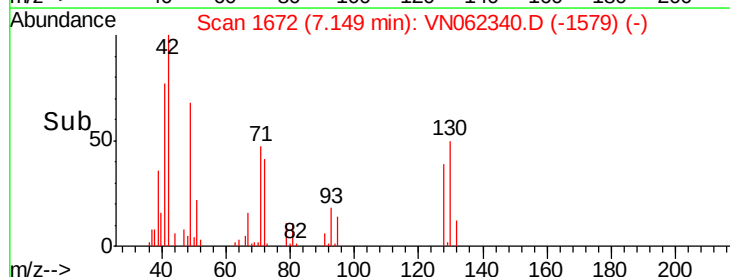
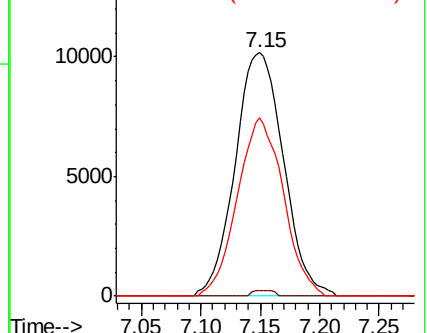
130 69.7 65.5 98.3

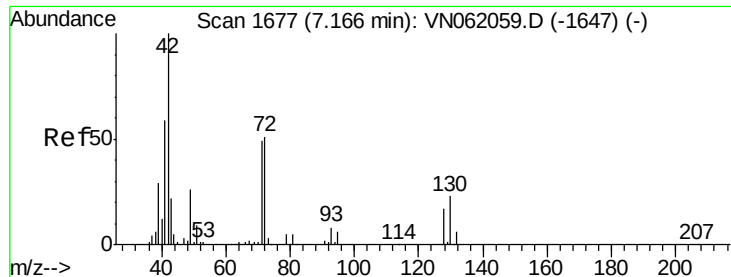


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

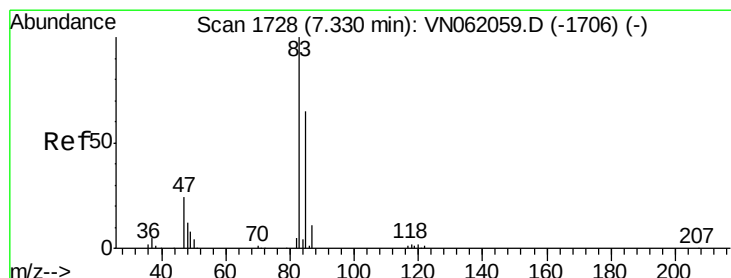
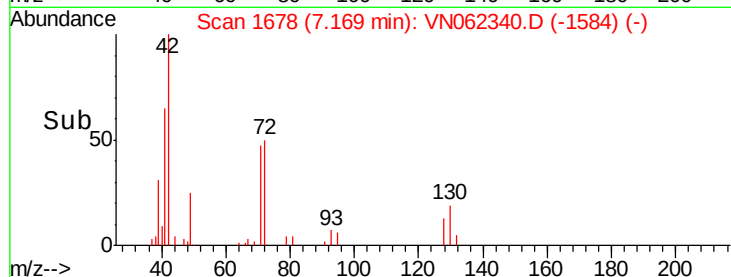
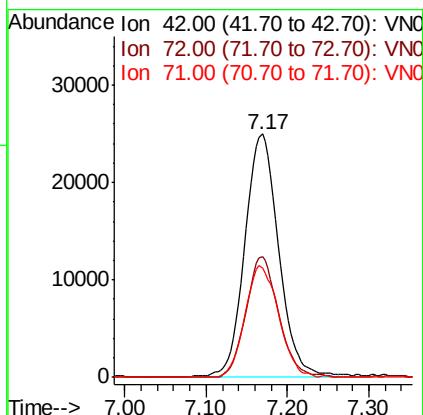
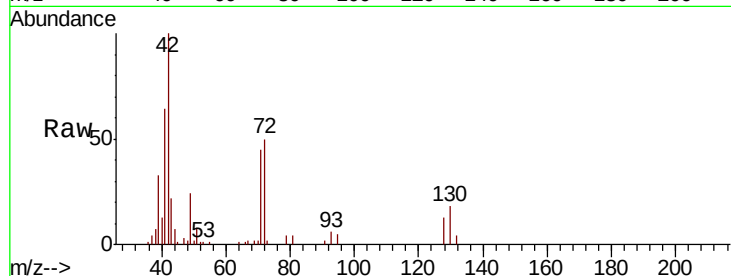




#29  
Tetrahydrofuran  
Concen: 115.707 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

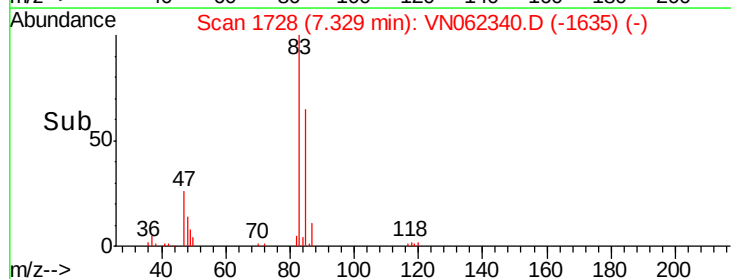
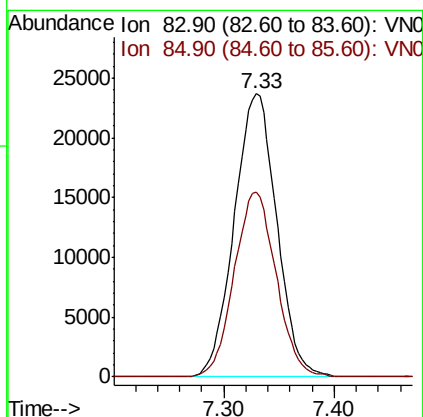
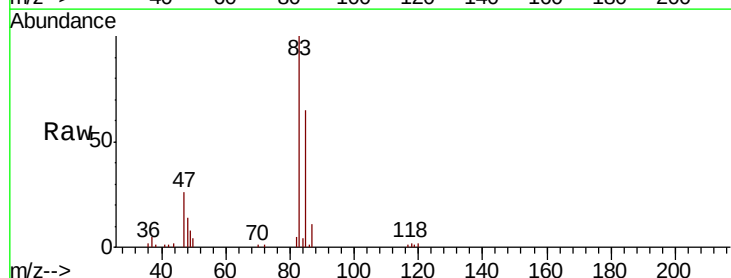
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

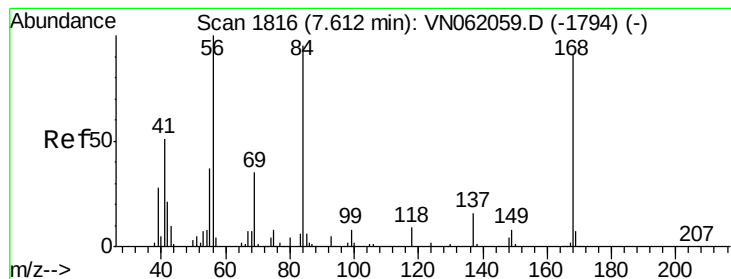
Tot Ion: 42 Resp: 71709  
Ion Ratio Lower Upper  
42 100  
72 47.7 41.1 61.7  
71 45.2 38.2 57.4



#30  
Chloroform  
Concen: 19.671 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 83 Resp: 63273  
Ion Ratio Lower Upper  
83 100  
85 65.3 52.3 78.5





#31

Cyclohexane

Concen: 18.619 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

VN0702MBS01

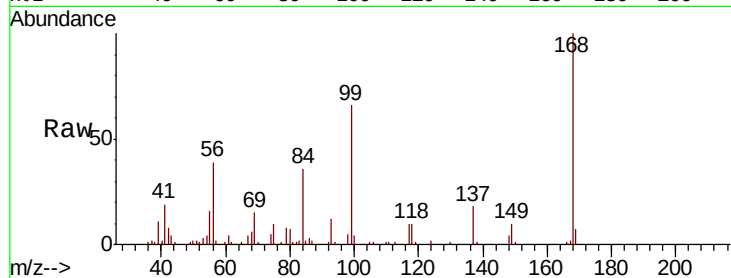
Tot Ion: 56 Resp: 49791

Ion Ratio Lower Upper

56 100

69 39.7 28.0 42.0

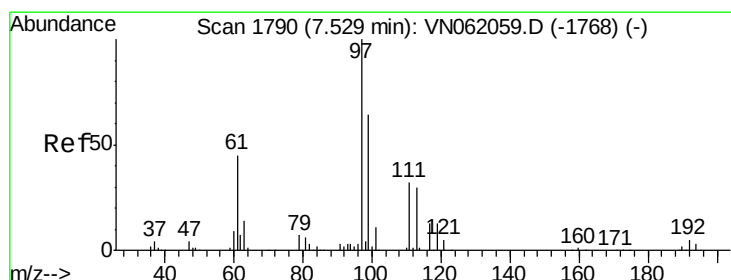
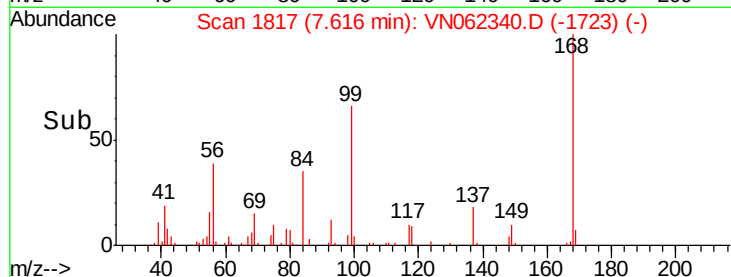
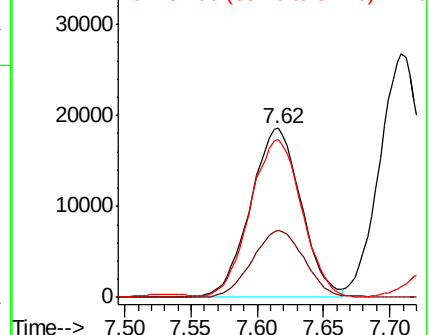
84 92.0 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062340.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062340.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062340.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.884 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

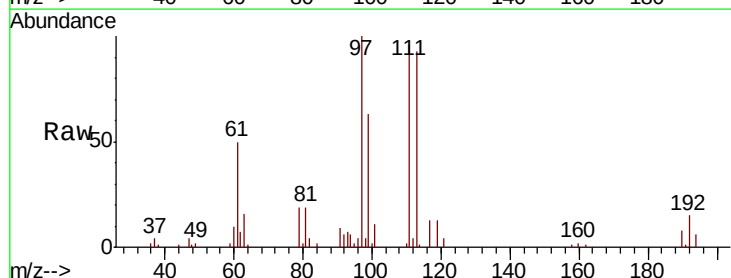
Tgt Ion: 97 Resp: 51226

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

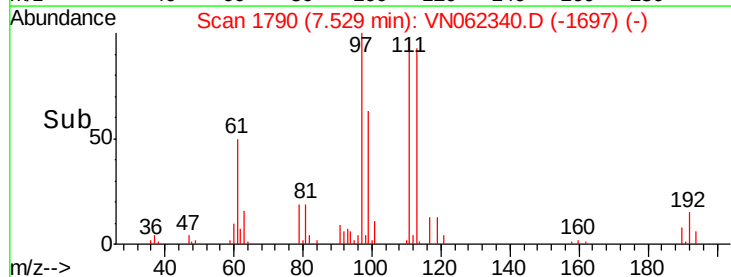
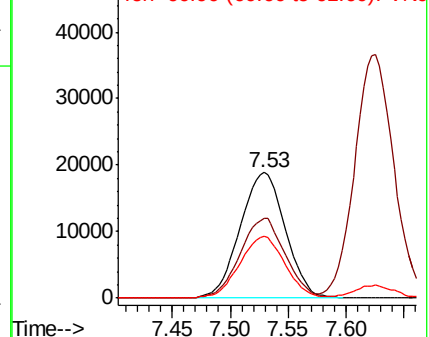
61 49.0 36.2 54.2

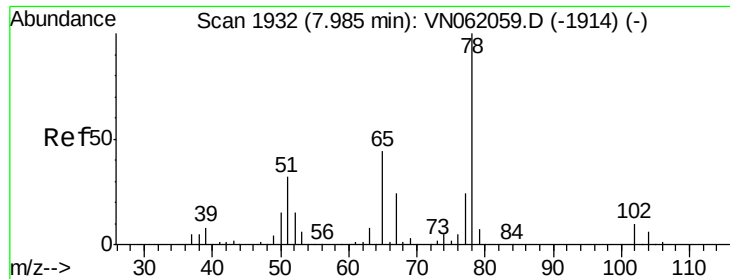


Abundance Ion 96.90 (96.60 to 97.60): VN062340.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062340.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062340.D (-1697) (-)

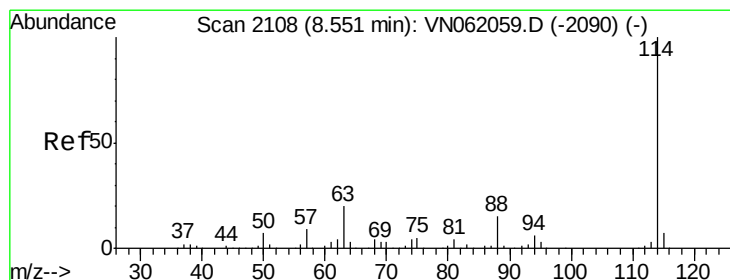
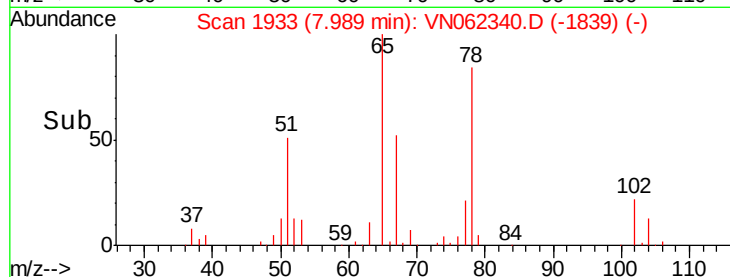
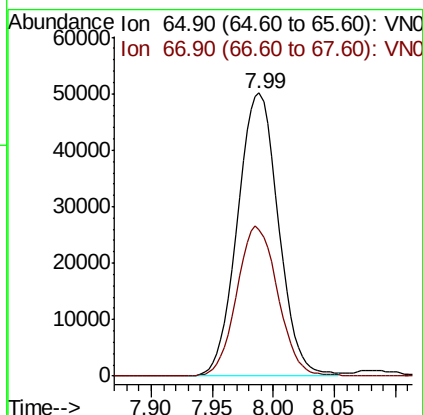
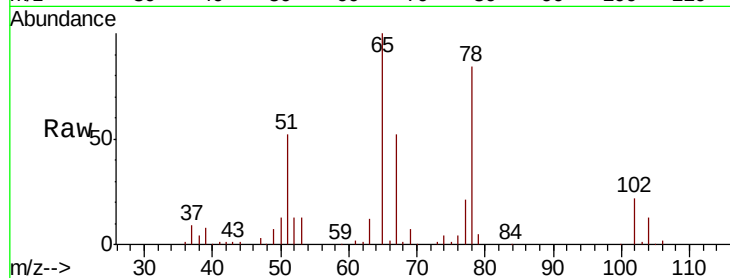




#33  
 1,2-Dichloroethane-d4  
 Concen: 60.127 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

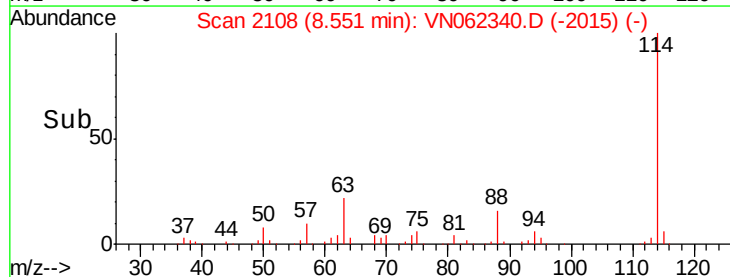
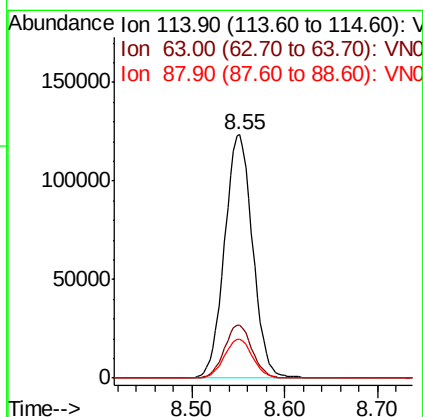
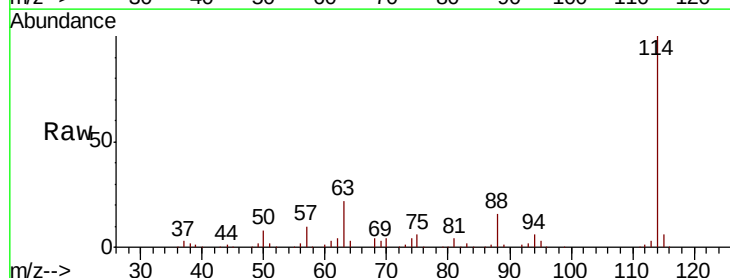
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

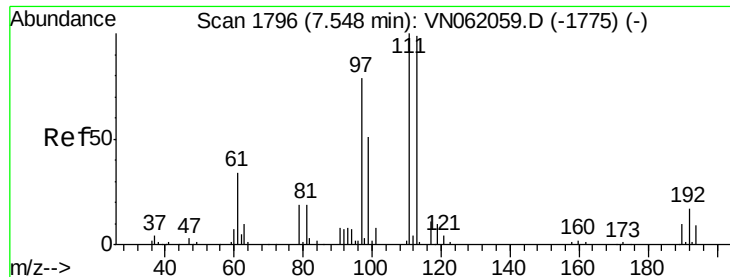
Tot Ion: 65 Resp: 116384  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion: 114 Resp: 258550  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 39.2  
 88 15.8 0.0 30.8

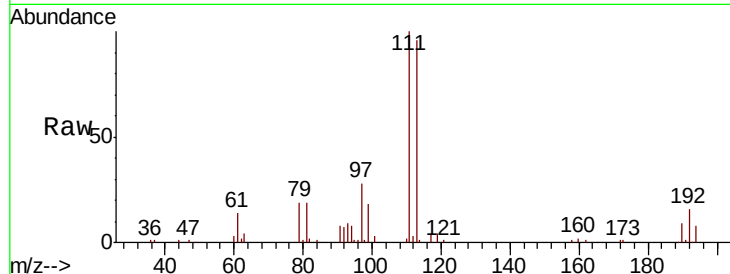




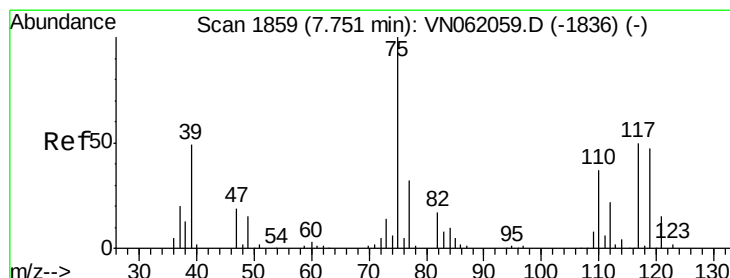
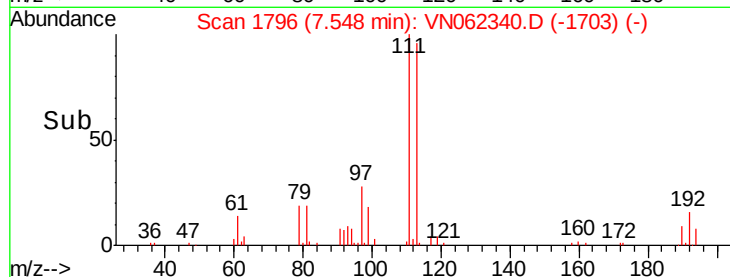
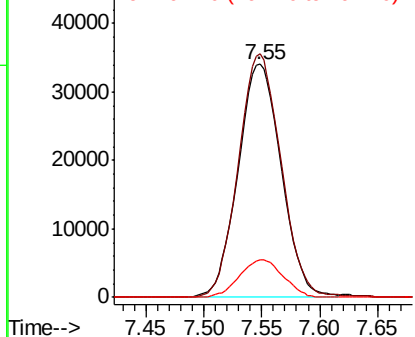
#35  
 Dibromofluoromethane  
 Concen: 53.257 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.0 | 82.2  | 123.4 |
| 192     | 16.2  | 14.0  | 21.0  |

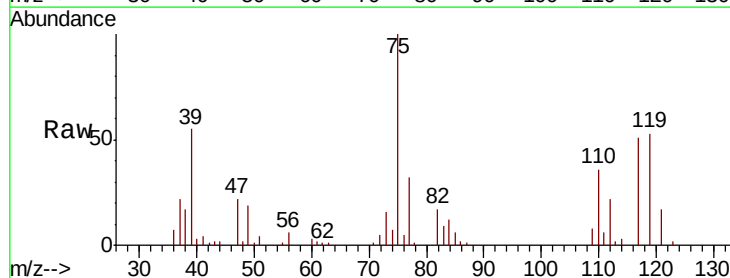


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

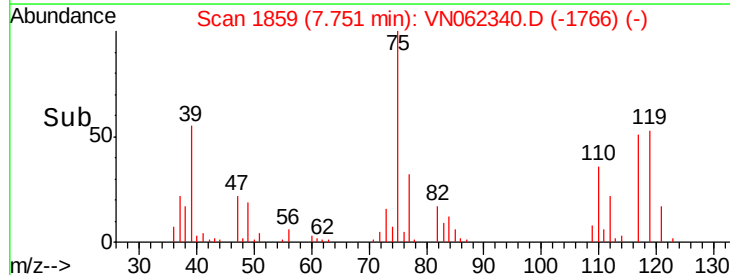
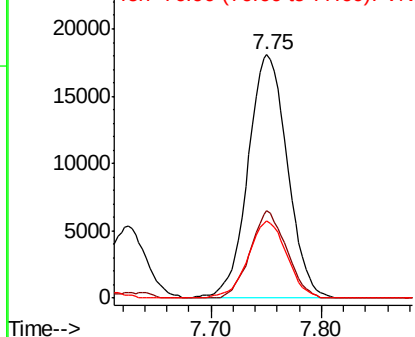


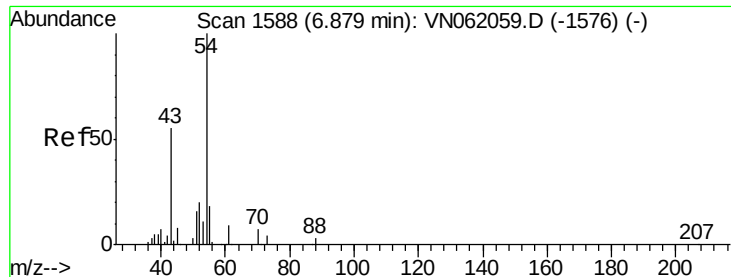
#36  
 1,1-Dichloropropene  
 Concen: 17.191 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.0  | 17.9  | 53.8  |
| 77      | 31.2  | 24.9  | 37.3  |



Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VN0

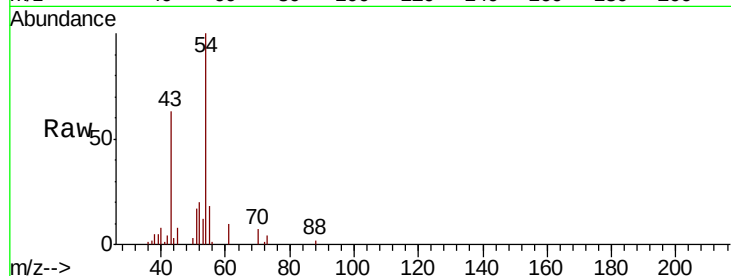




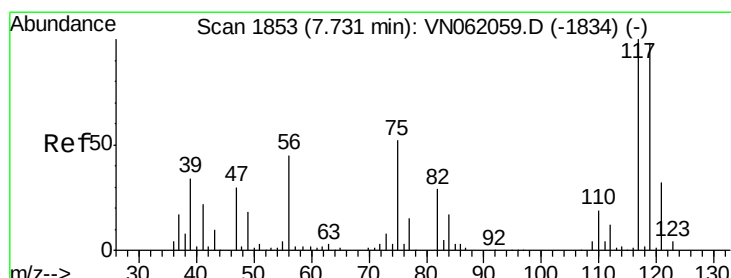
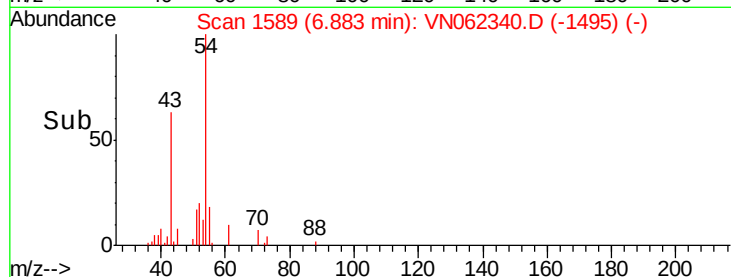
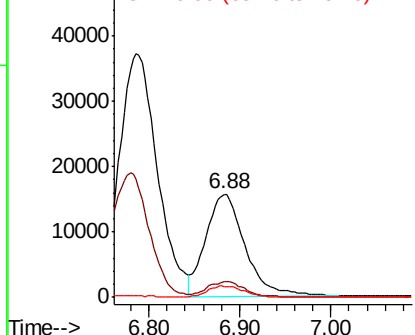
#37  
Ethyl Acetate  
Concen: 21.915 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

Tot Ion: 43 Resp: 47160  
Ion Ratio Lower Upper  
43 100  
61 14.9 12.0 18.0  
70 10.2 9.6 14.4

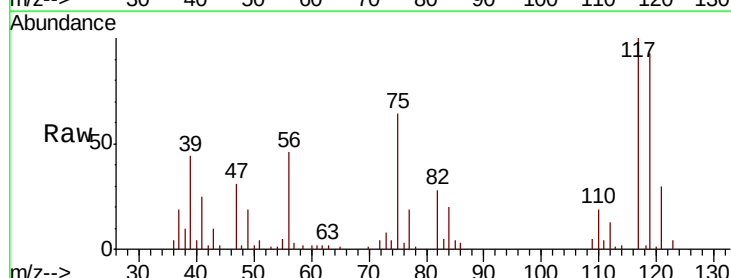


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

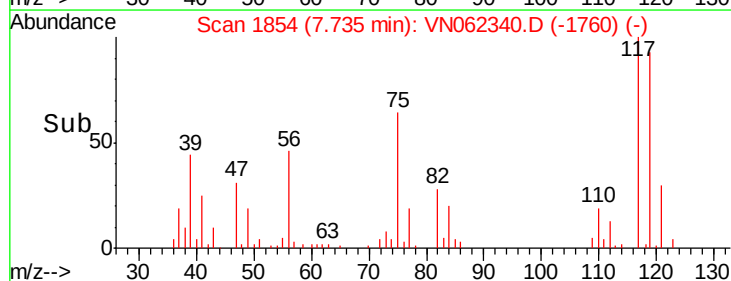
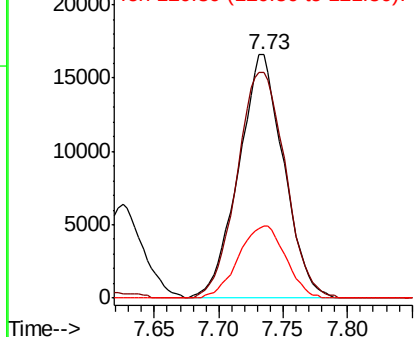


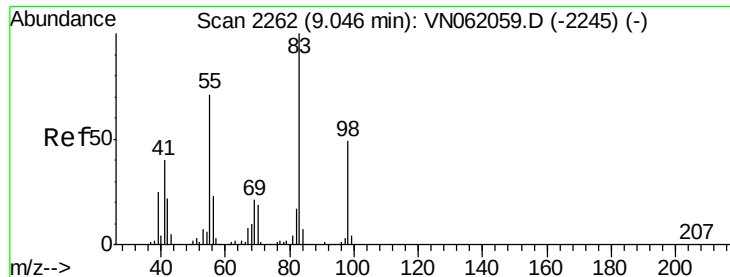
#38  
Carbon Tetrachloride  
Concen: 16.511 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 117 Resp: 40455  
Ion Ratio Lower Upper  
117 100  
119 92.8 78.2 117.2  
121 29.8 25.8 38.6



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

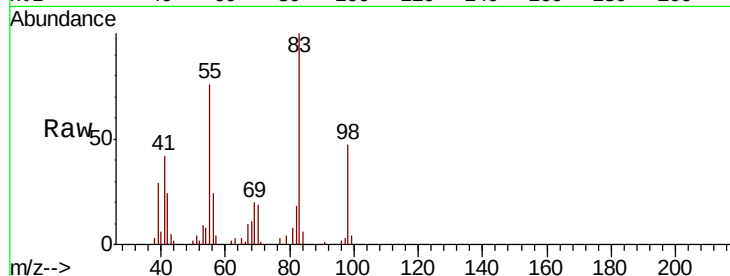




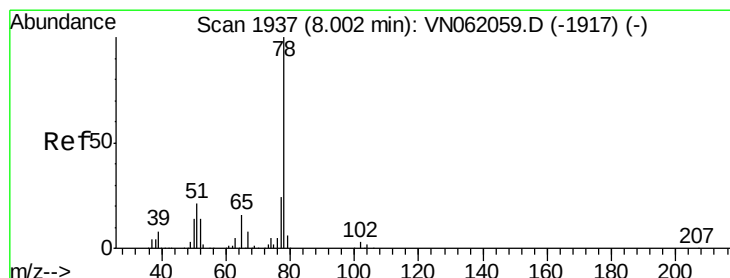
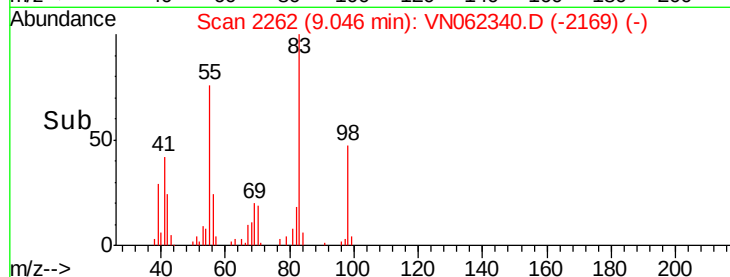
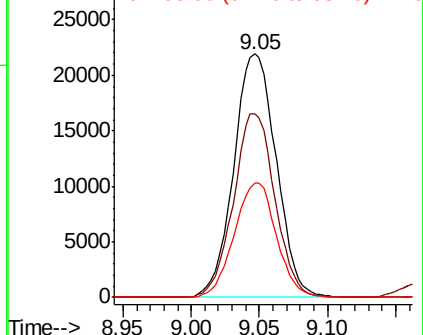
#39  
Methylvlcyclohexane  
Concen: 16.616 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0702MBS01

Tot Ion: 83 Resp: 47314  
Ion Ratio Lower Upper  
83 100  
55 75.6 57.0 85.6  
98 46.8 39.0 58.6

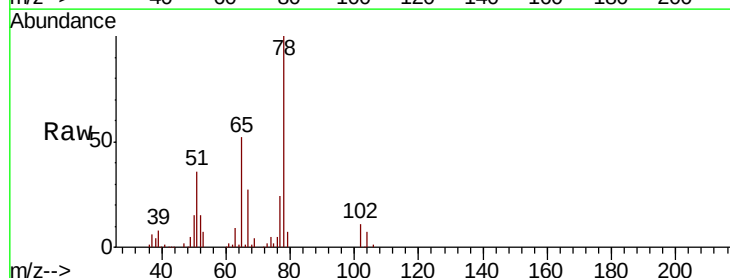


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

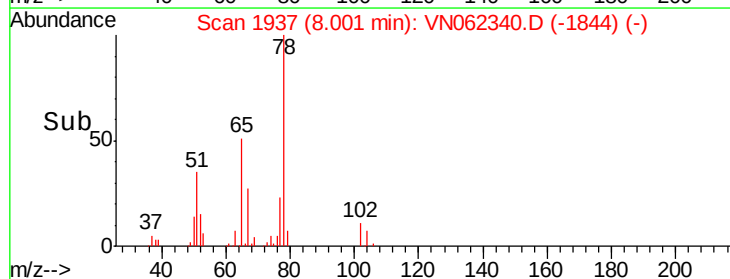
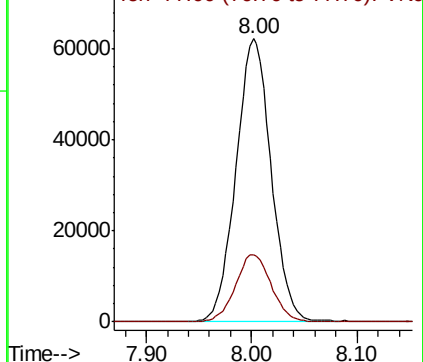


#40  
Benzene  
Concen: 18.200 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

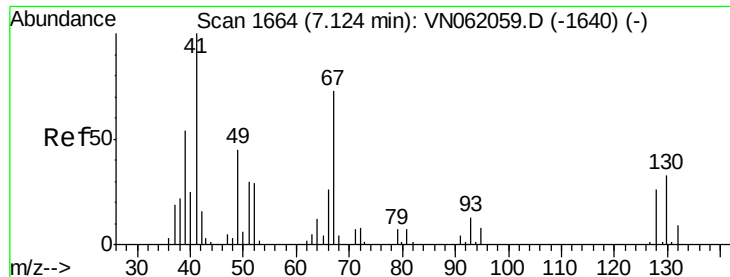
Tgt Ion: 78 Resp: 144166  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0



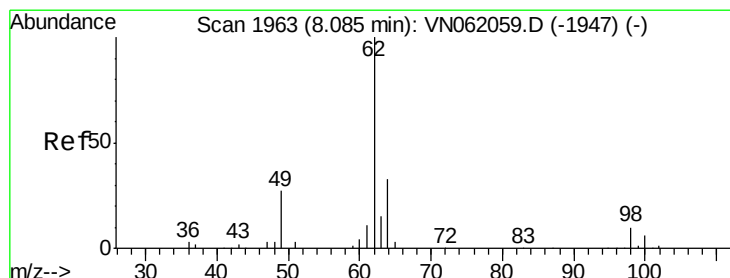
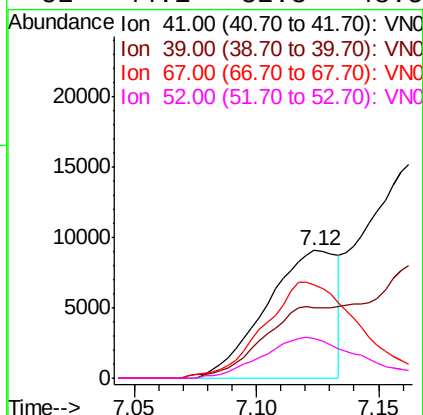
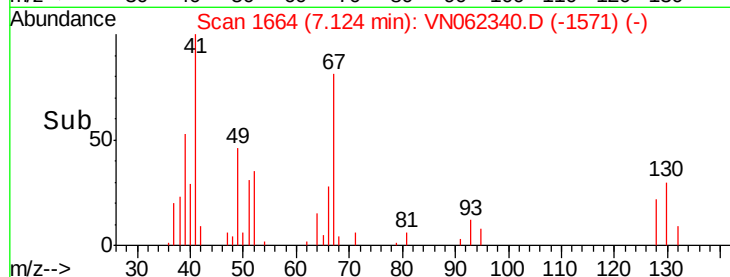
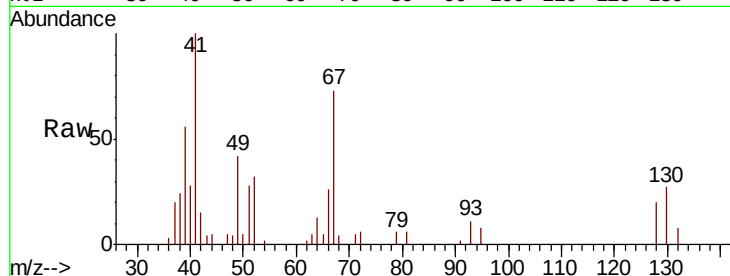




#41  
Methacrylonitrile  
Concen: 18.396 ug/l  
RT: 7.12 min Scan# 1664  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

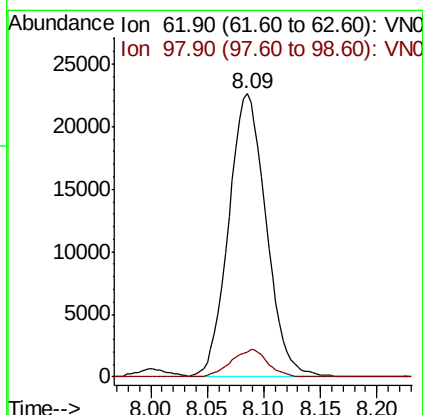
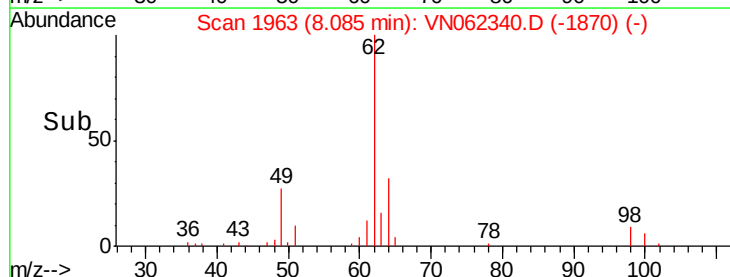
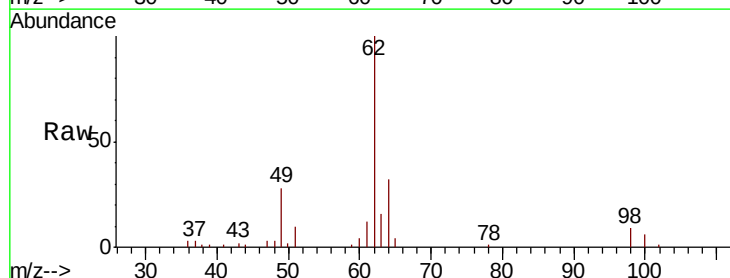
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

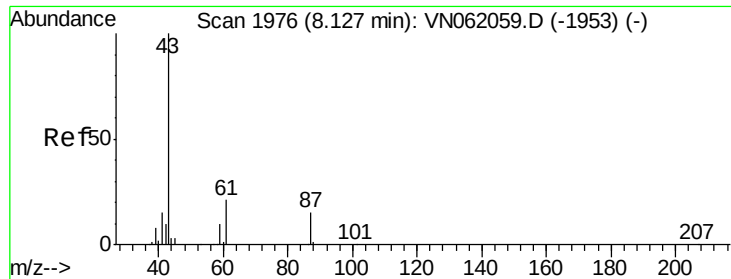
Tot Ion: 41 Resp: 18353  
Ion Ratio Lower Upper  
41 100  
39 47.3 44.2 66.2  
67 102.7 79.5 119.3  
52 44.1 32.3 48.5



#42  
1,2-Dichloroethane  
Concen: 19.614 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 62 Resp: 52492  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.139 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

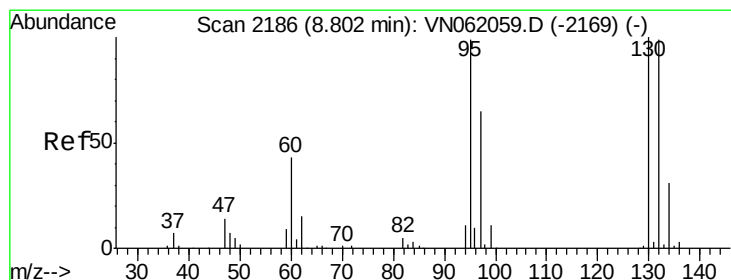
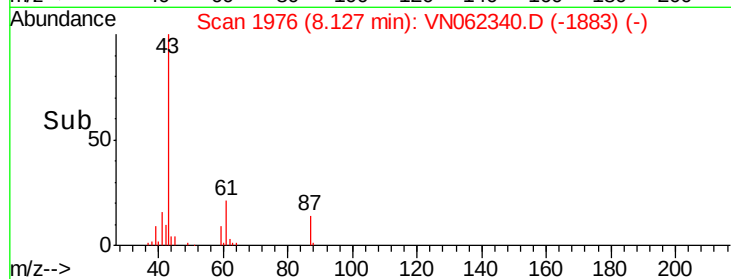
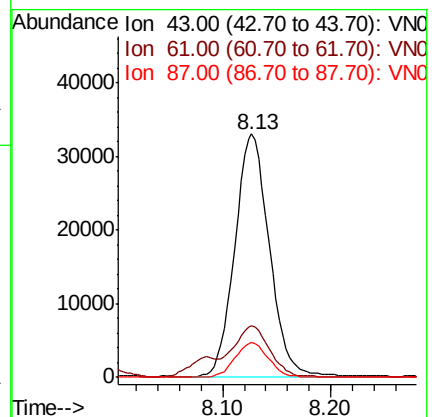
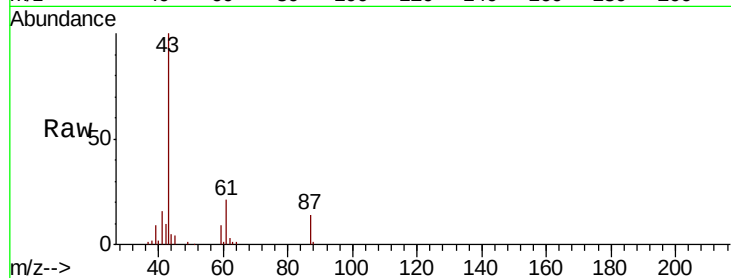
Tot Ion: 43 Resp: 74156

Ion Ratio Lower Upper

43 100

61 21.9 17.2 25.8

87 13.6 12.1 18.1



#44

Trichloroethene

Concen: 16.241 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062340.D

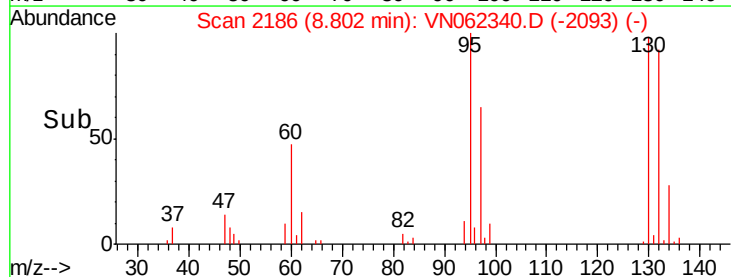
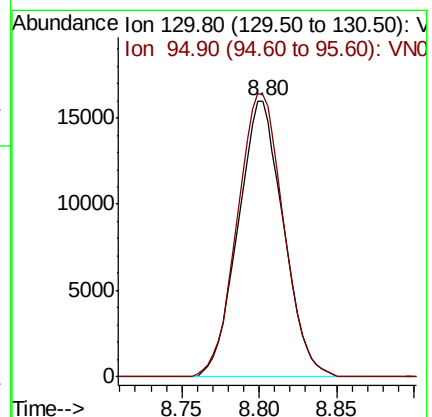
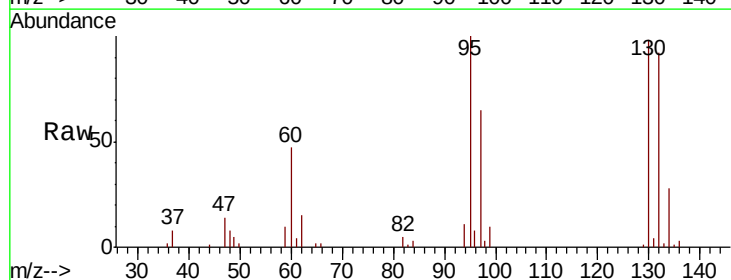
Acq: 2 Jul 2020 18:06

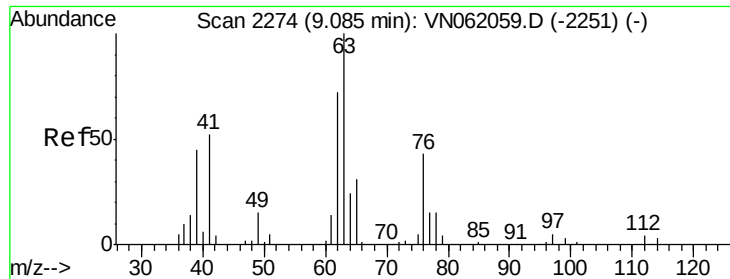
Tgt Ion:130 Resp: 32451

Ion Ratio Lower Upper

130 100

95 102.3 0.0 197.8

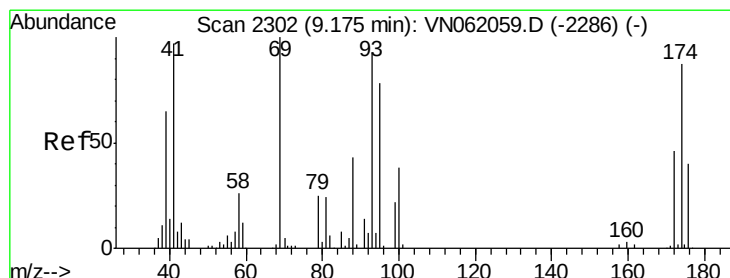
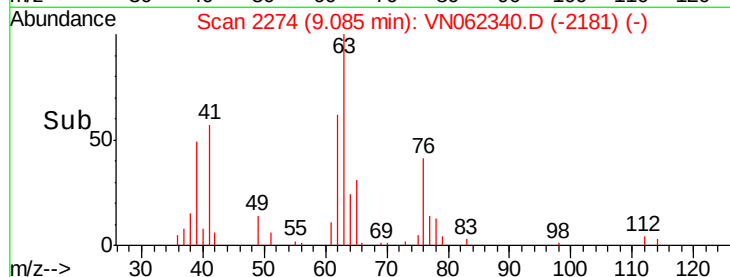
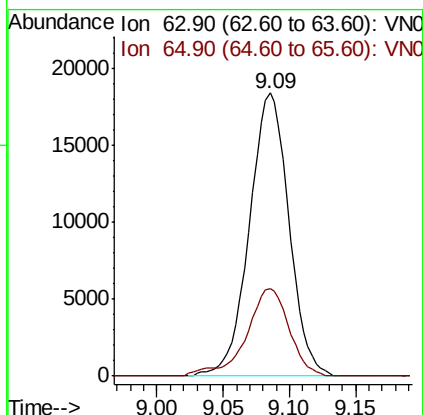
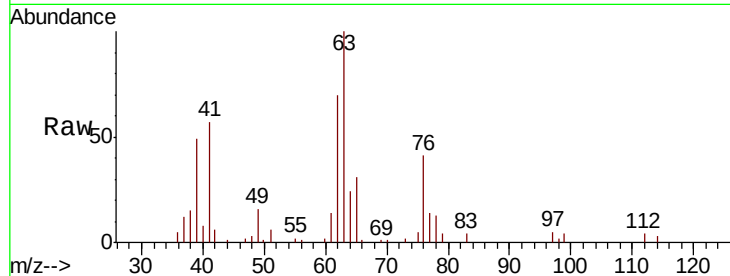




#45  
 1,2-Dichloropropane  
 Concen: 19.508 ug/l  
 RT: 9.09 min Scan# 2274  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

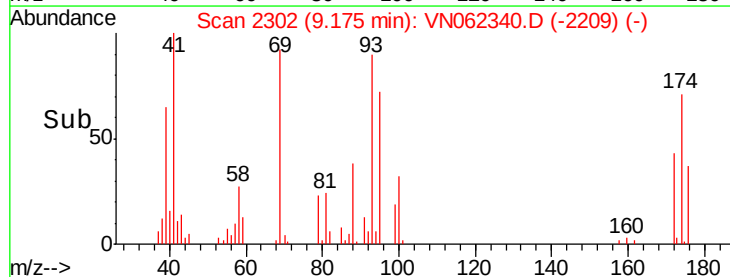
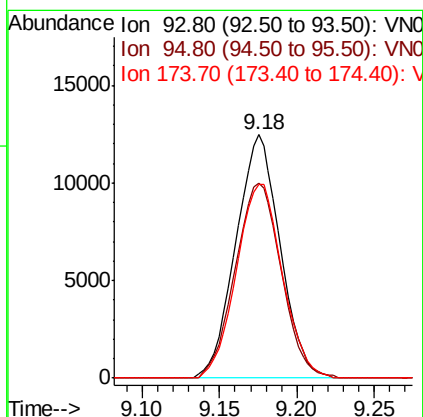
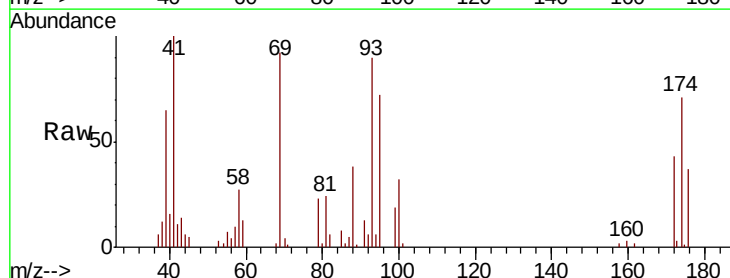
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

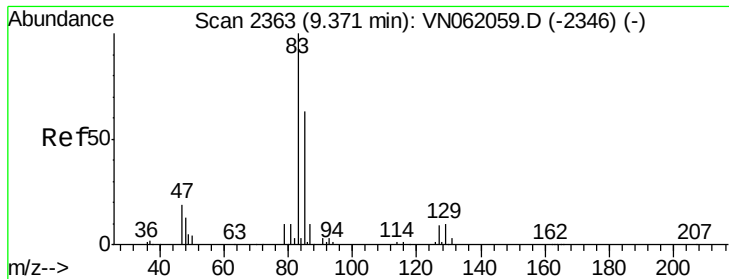
Tot Ion: 63 Resp: 38121  
 Ion Ratio Lower Upper  
 63 100  
 65 31.0 25.0 37.4



#46  
 Dibromomethane  
 Concen: 18.700 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion: 93 Resp: 24776  
 Ion Ratio Lower Upper  
 93 100  
 95 83.3 67.0 100.6  
 174 82.8 74.4 111.6





#47

Bromodichloromethane

Concen: 18.847 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

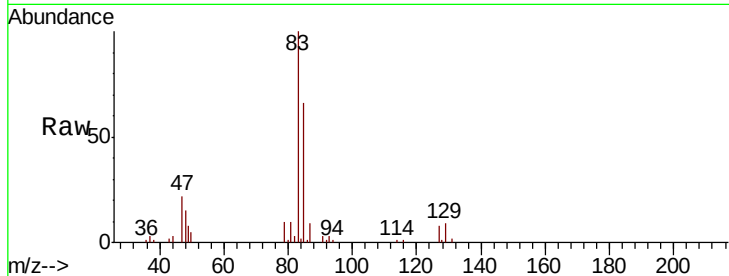
Tot Ion: 83 Resp: 50419

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

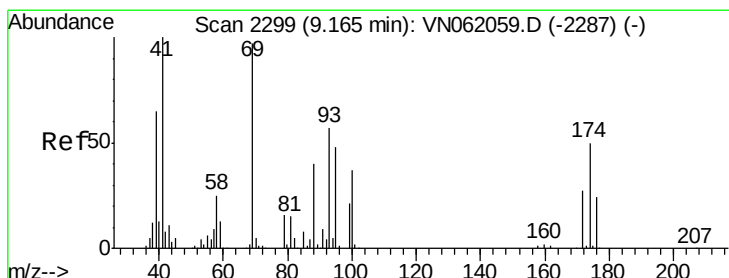
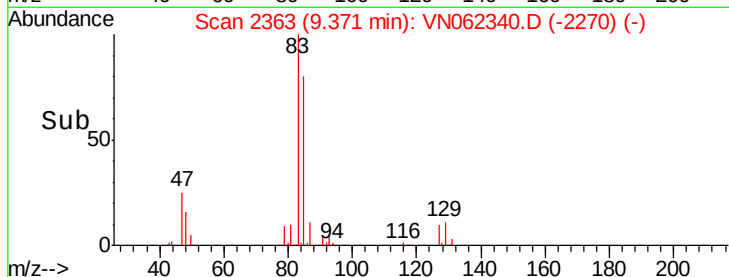
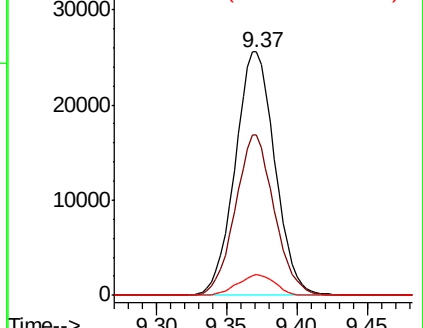
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062340.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062340.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062340.D (-2270) (-)



#48

Methyl methacrylate

Concen: 20.090 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

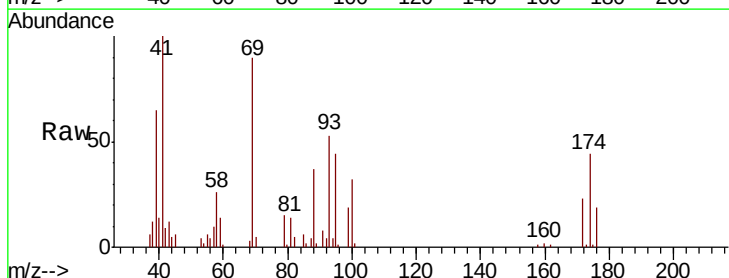
Tgt Ion: 41 Resp: 31600

Ion Ratio Lower Upper

41 100

69 96.6 80.7 121.1

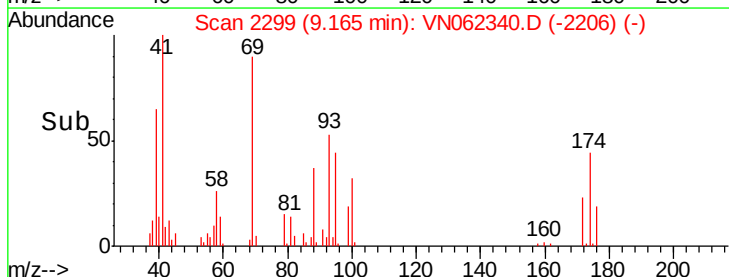
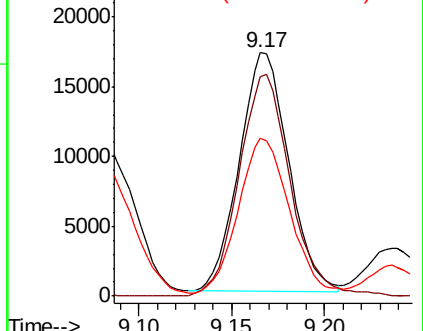
39 70.0 54.5 81.7

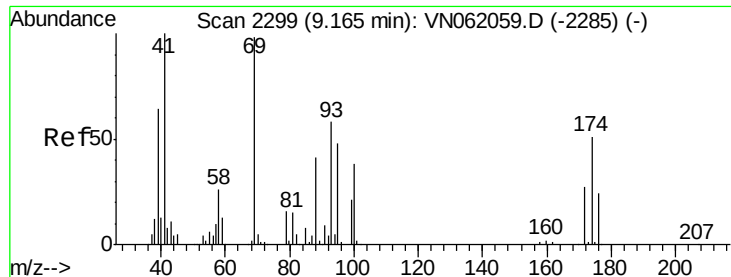


Abundance Ion 41.00 (40.70 to 41.70): VN062340.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062340.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062340.D (-2206) (-)

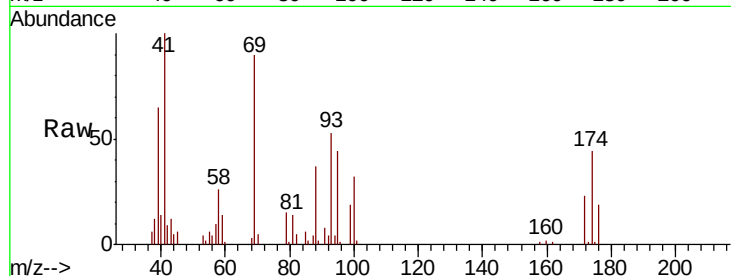




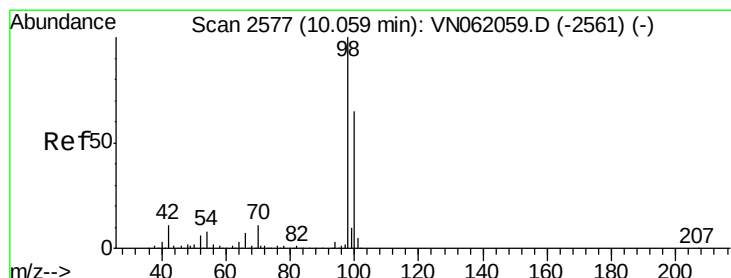
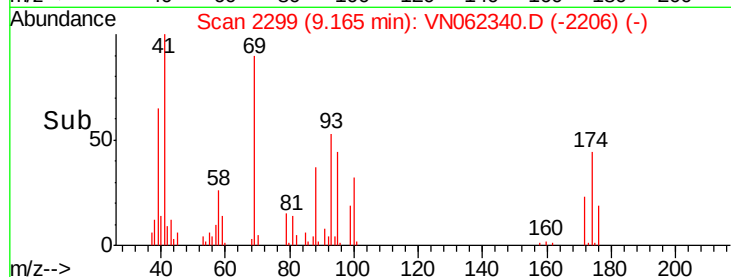
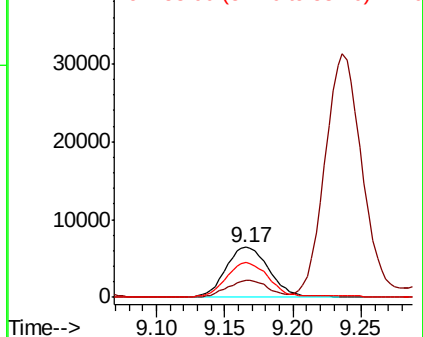
#49  
1,4-Dioxane  
Concen: 409.447 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0702MBS01

Tot Ion: 88 Resp: 14282  
Ion Ratio Lower Upper  
88 100  
43 32.1 22.0 33.0  
58 67.3 49.2 73.8

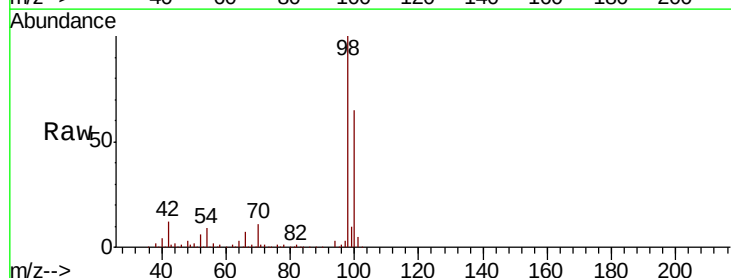


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

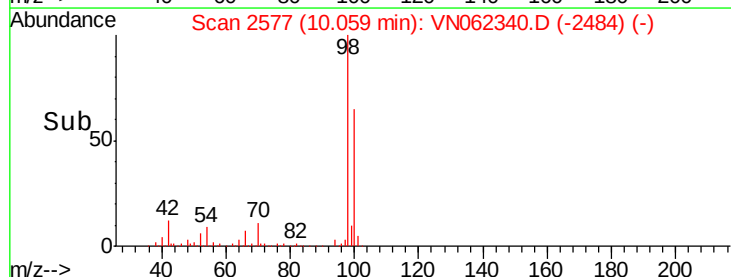
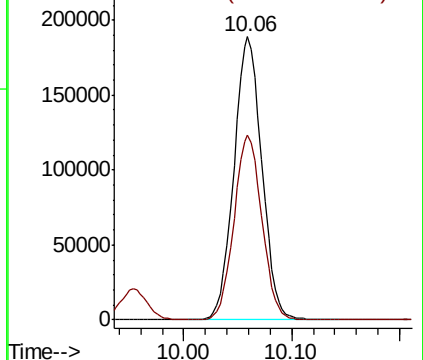


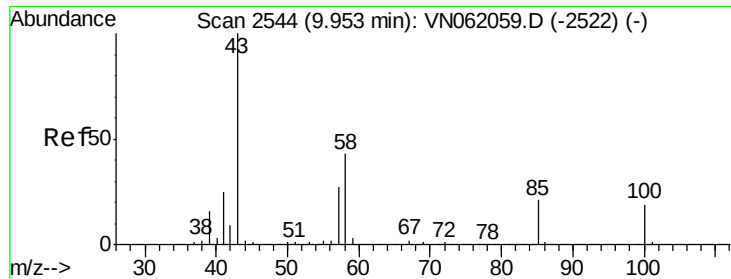
#50  
Toluene-d8  
Concen: 51.474 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 98 Resp: 341298  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.2 76.8



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: 110.832 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

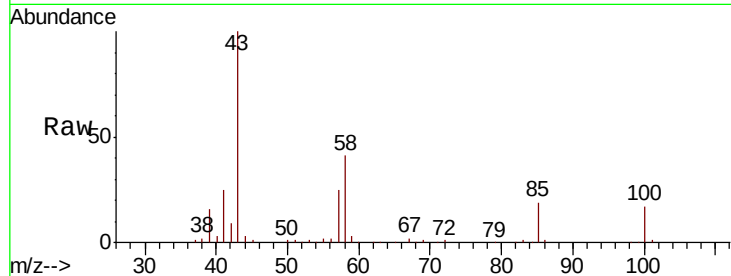
VN0702MBS01

Tot Ion: 43 Resp: 227162

Ion Ratio Lower Upper

43 100

58 40.7 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

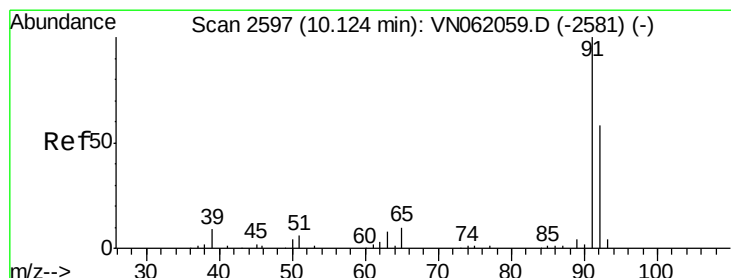
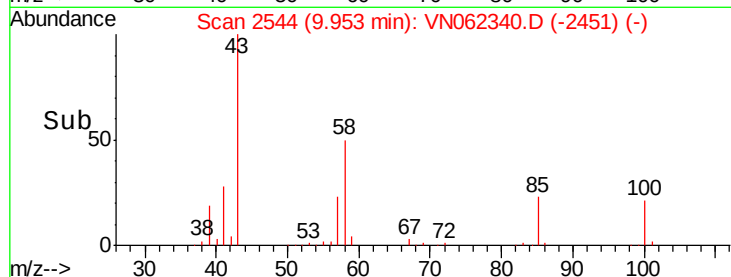
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 17.985 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062340.D

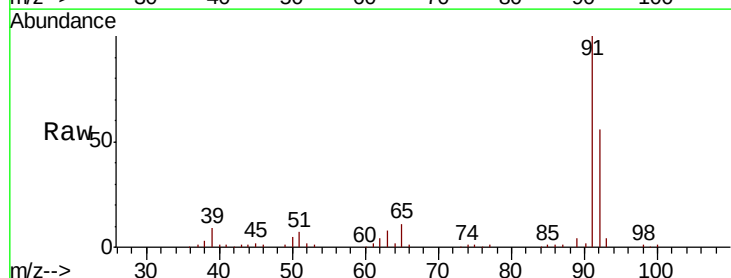
Acq: 2 Jul 2020 18:06

Tgt Ion: 92 Resp: 86922

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

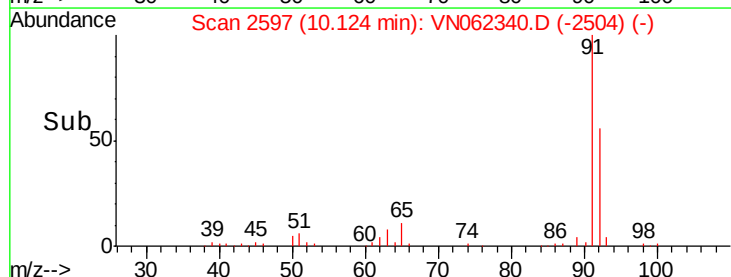
60000

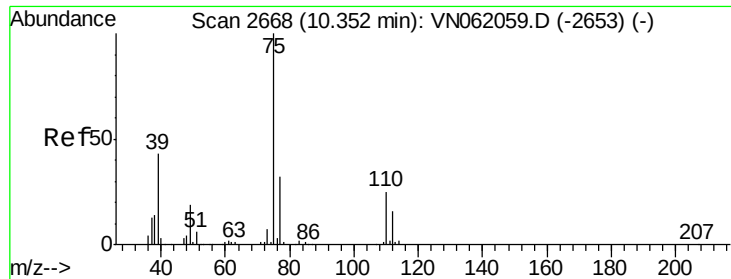
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.427 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

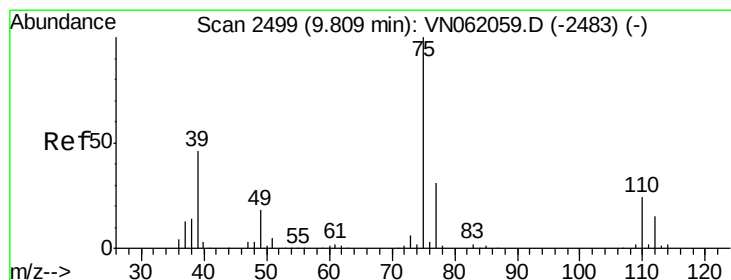
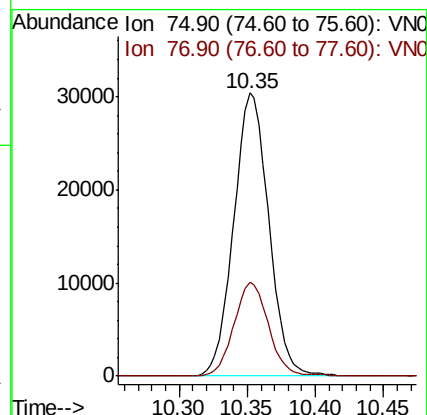
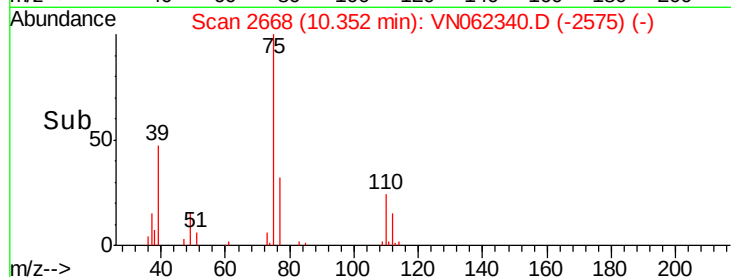
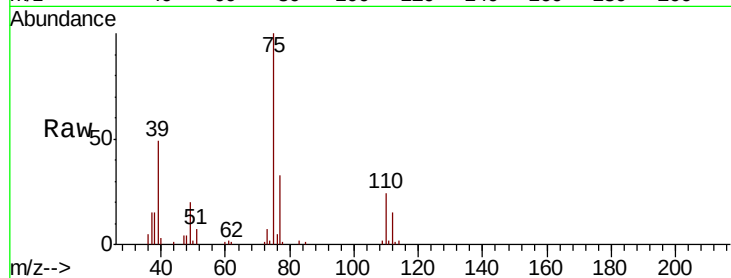
VN0702MBS01

Tot Ion: 75 Resp: 54236

Ion Ratio Lower Upper

75 100

77 33.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.719 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

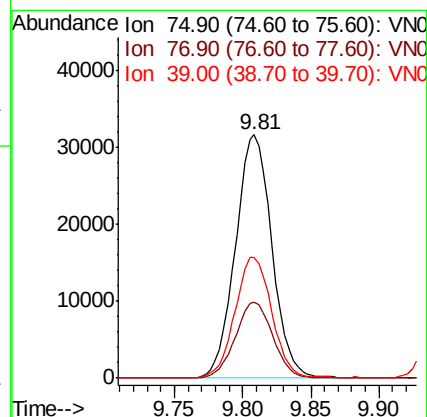
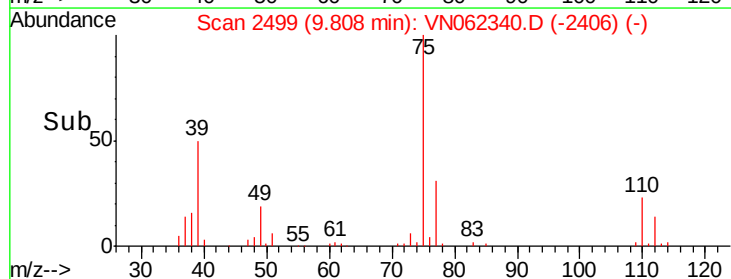
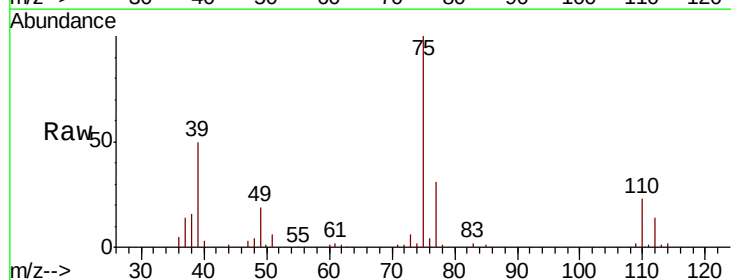
Tgt Ion: 75 Resp: 58655

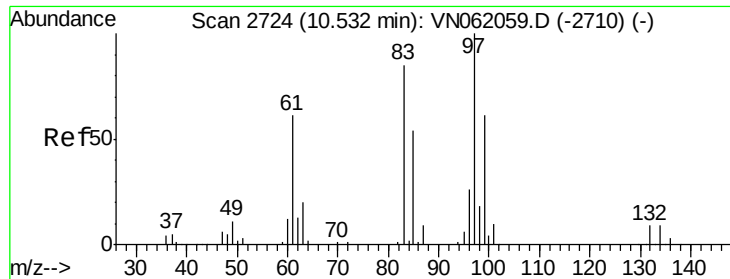
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 49.7 36.9 55.3



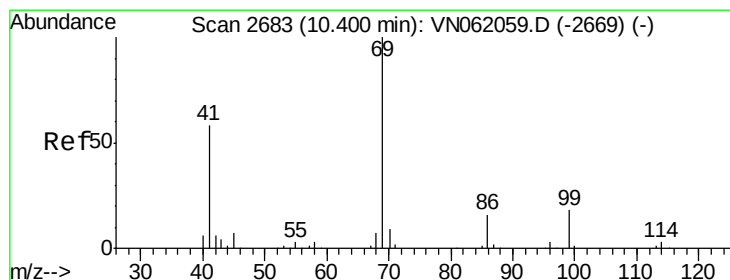
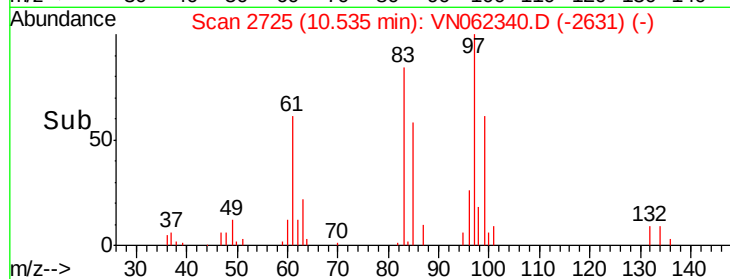
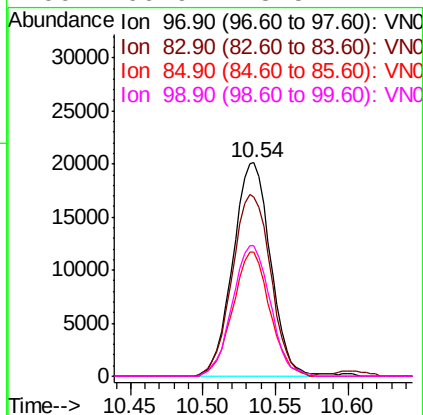
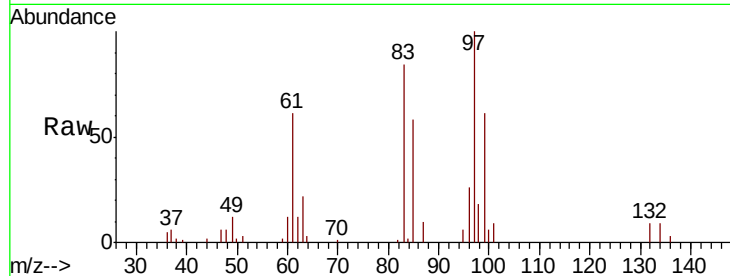


#55  
 1,1,2-Trichloroethane  
 Concen: 19.131 ug/l  
 RT: 10.54 min Scan# 2725  
 Delta R.T. 0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

Tot Ion: 97 Resp: 36345  

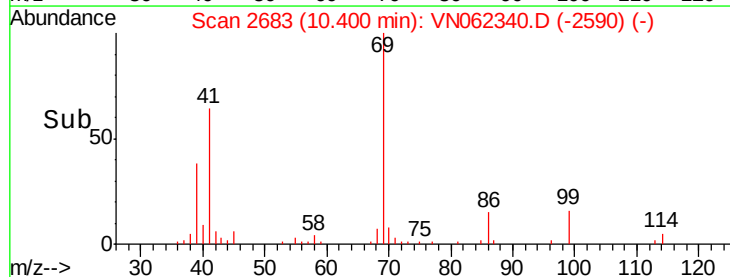
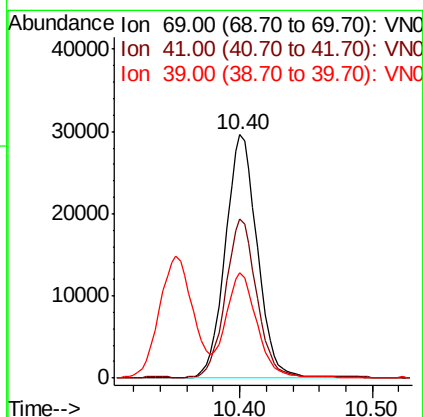
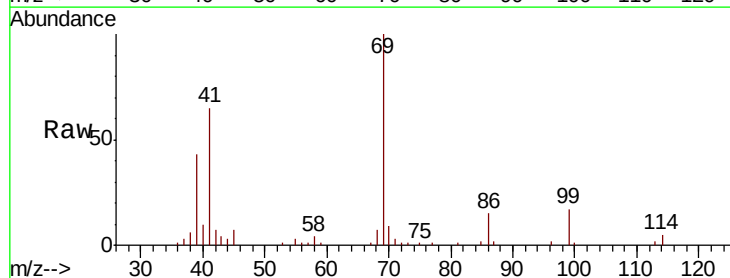
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.9  | 68.2  | 102.2 |
| 85  | 58.1  | 43.2  | 64.8  |
| 99  | 60.9  | 48.5  | 72.7  |



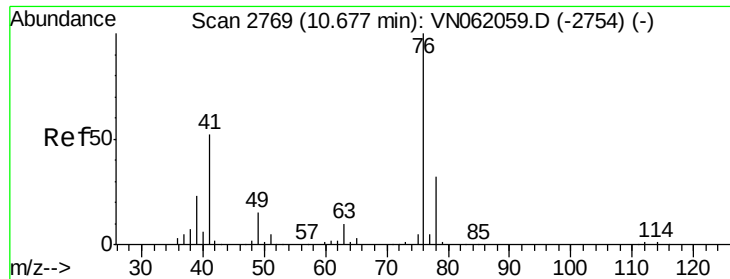
#56  
 Ethyl methacrylate  
 Concen: 19.502 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion: 69 Resp: 49446  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.6  | 46.6  | 70.0  |
| 39  | 43.0  | 31.0  | 46.4  |







#57

1,3-Dichloropropane

Concen: 19.290 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

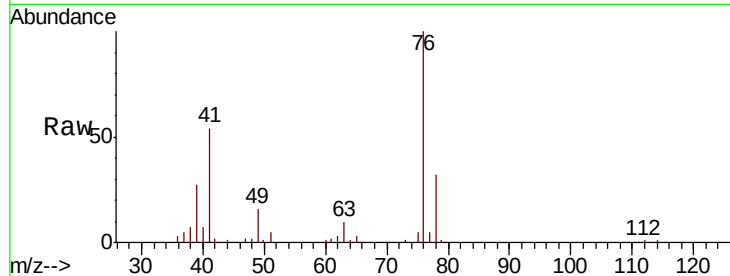
VN0702MBS01

Tot Ion: 76 Resp: 63080

Ion Ratio Lower Upper

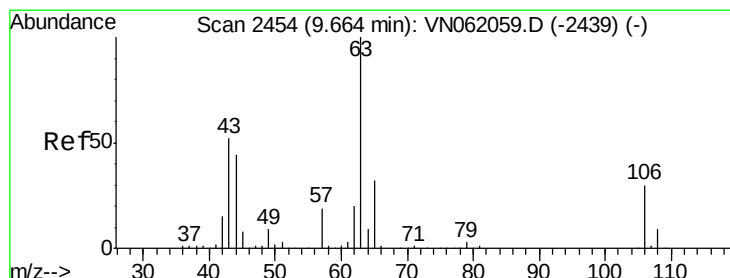
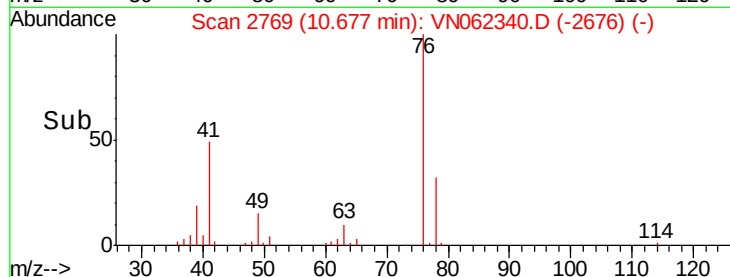
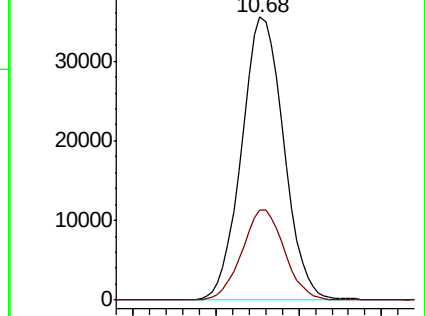
76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 102.564 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062340.D

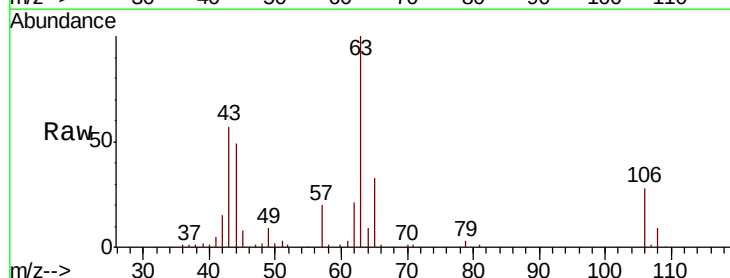
Acq: 2 Jul 2020 18:06

Tgt Ion: 63 Resp: 99757

Ion Ratio Lower Upper

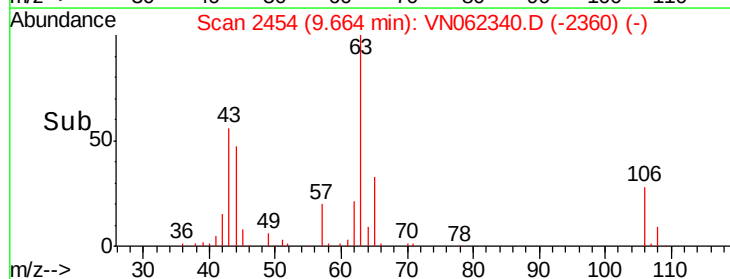
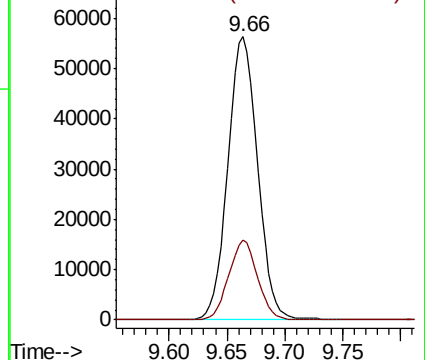
63 100

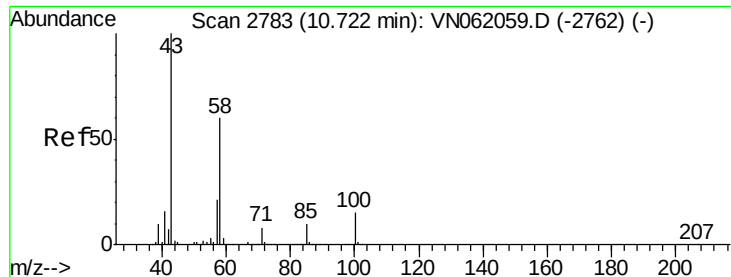
106 27.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

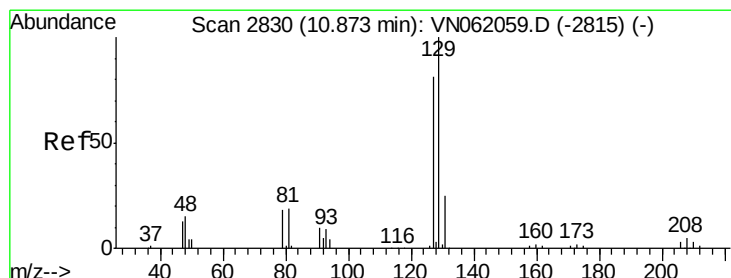
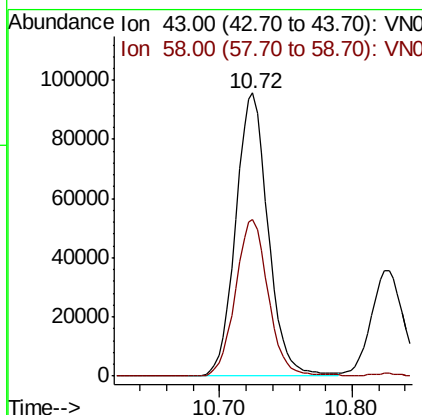
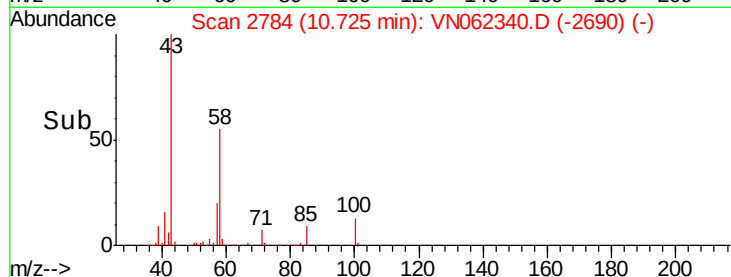
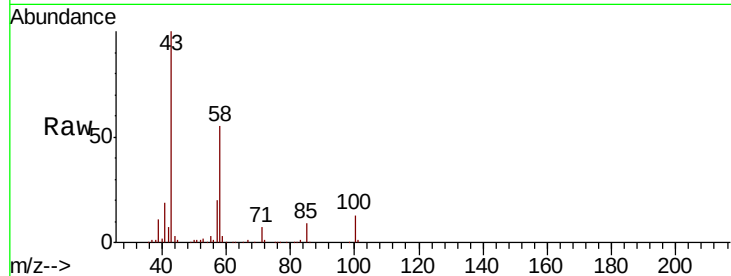




#59  
2-Hexanone  
Concen: 109.837 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

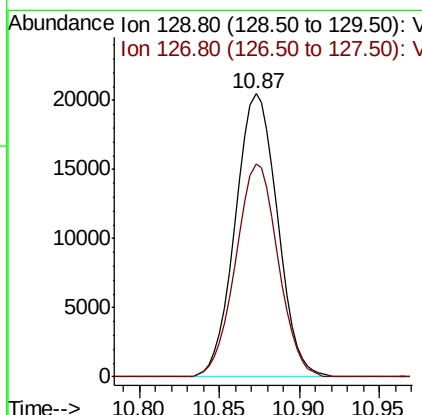
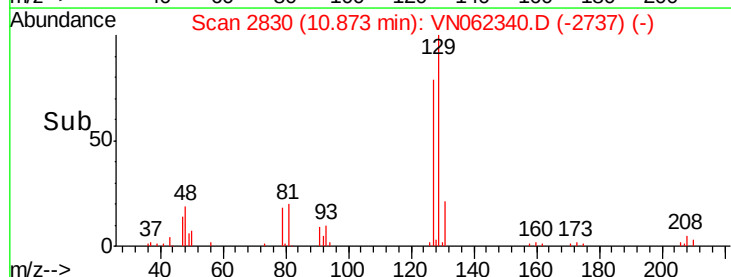
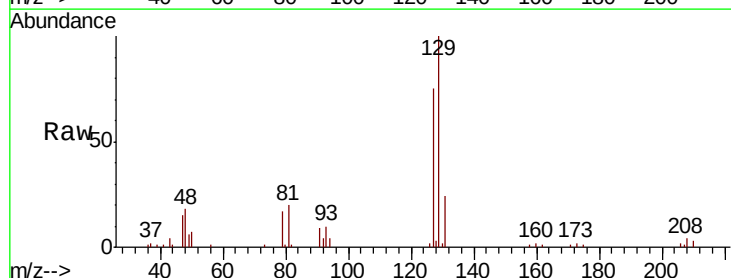
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

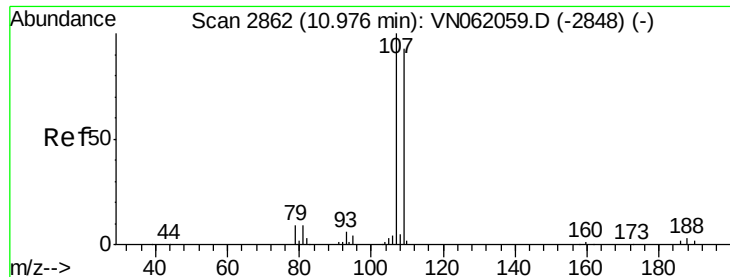
Tot Ion: 43 Resp: 162560  
Ion Ratio Lower Upper  
43 100  
58 55.8 29.5 88.5



#60  
Dibromochloromethane  
Concen: 18.306 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 129 Resp: 36820  
Ion Ratio Lower Upper  
129 100  
127 75.7 39.5 118.5





#61

1,2-Dibromoethane

Concen: 18.268 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

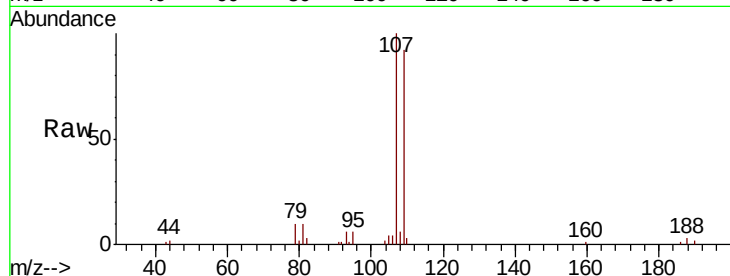
VN0702MBS01

Tot Ion:107 Resp: 35661

Ion Ratio Lower Upper

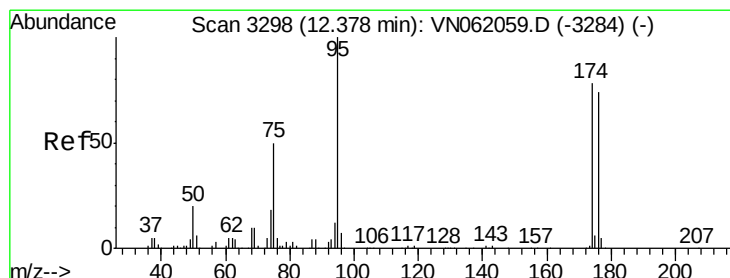
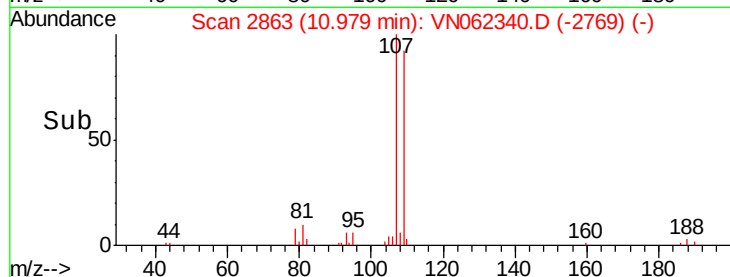
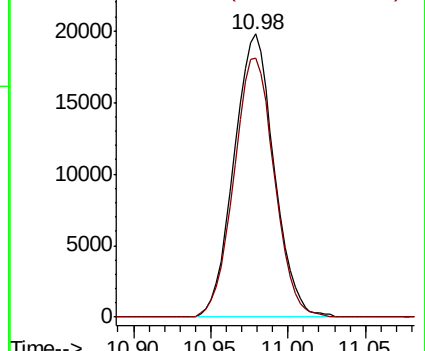
107 100

109 92.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.441 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

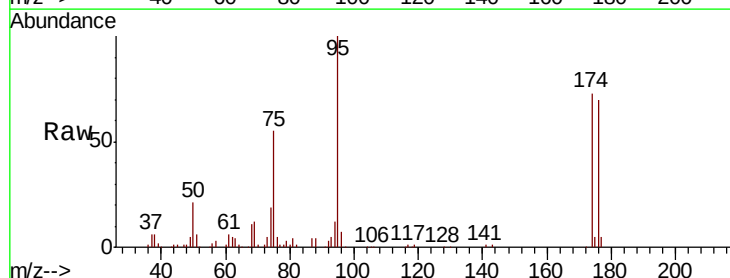
Tgt Ion: 95 Resp: 112995

Ion Ratio Lower Upper

95 100

174 71.9 0.0 154.8

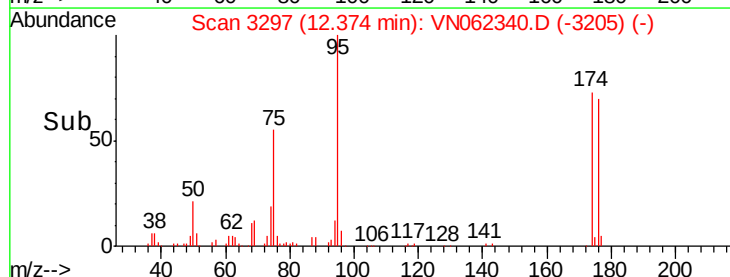
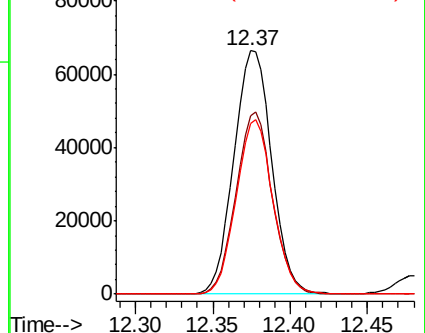
176 69.5 0.0 147.4

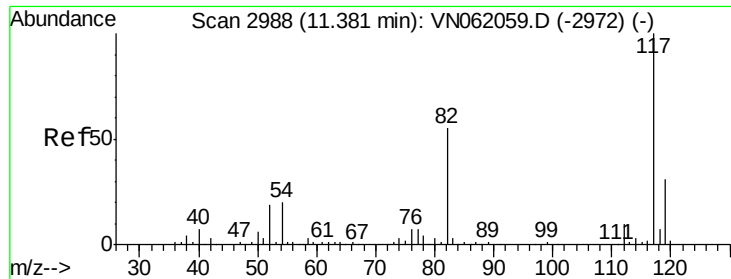


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

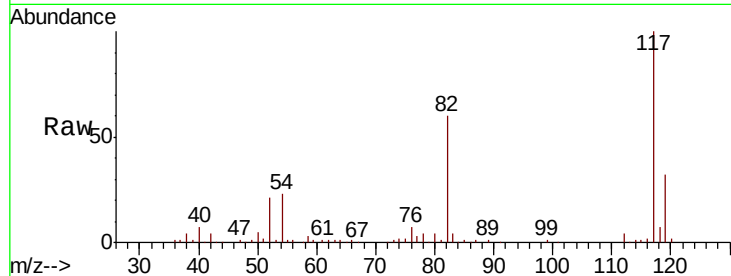




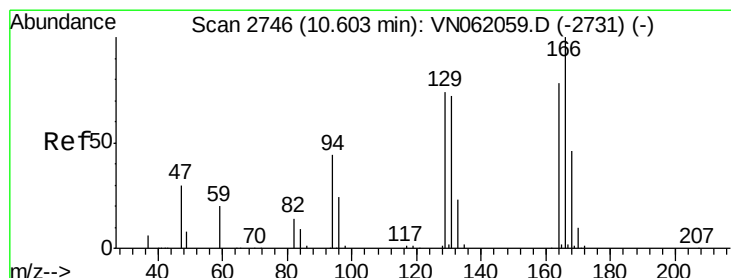
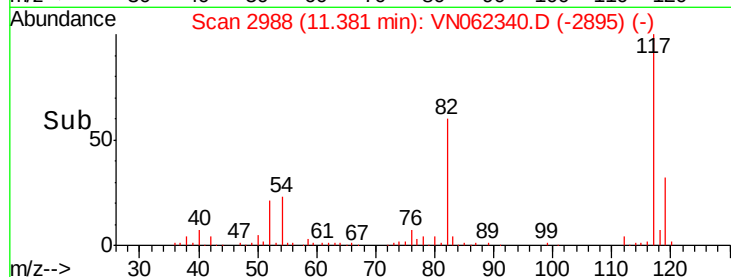
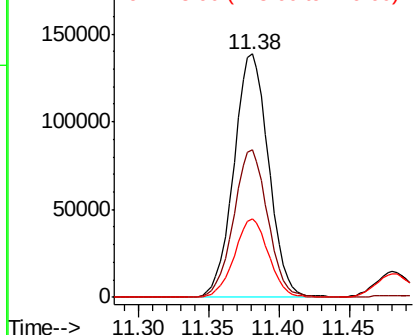
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0702MBS01

Tot Ion:117 Resp: 239683  
Ion Ratio Lower Upper  
117 100  
82 60.4 43.8 65.8  
119 32.4 25.2 37.8

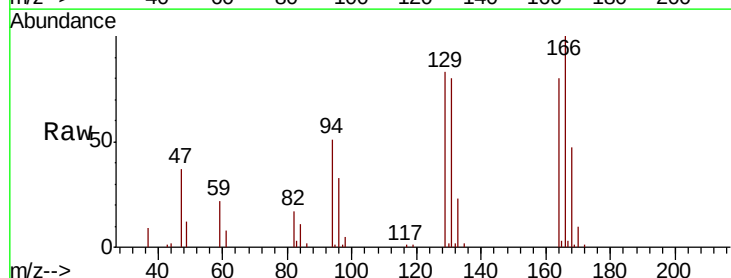


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

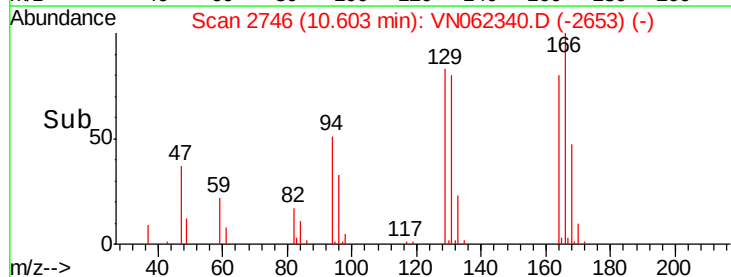
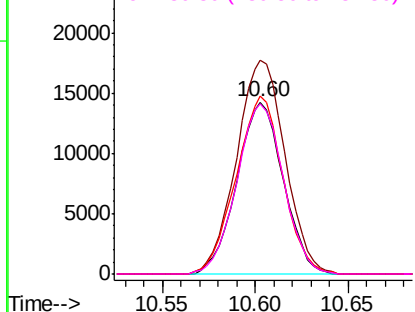


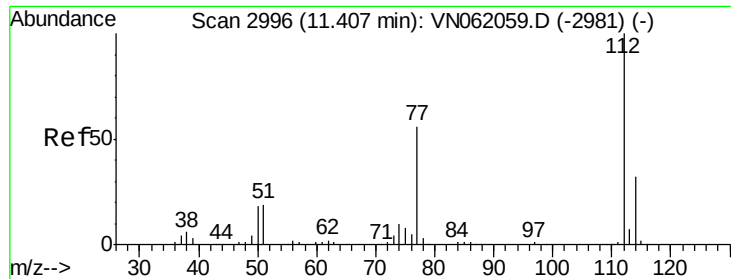
#64  
Tetrachloroethene  
Concen: 15.144 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion:164 Resp: 24794  
Ion Ratio Lower Upper  
164 100  
166 124.2 102.9 154.3  
129 103.5 75.8 113.8  
131 98.9 73.8 110.6



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

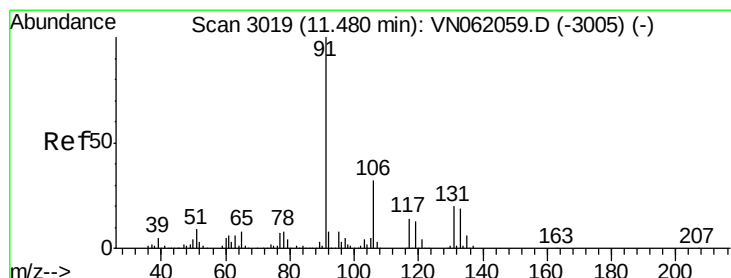
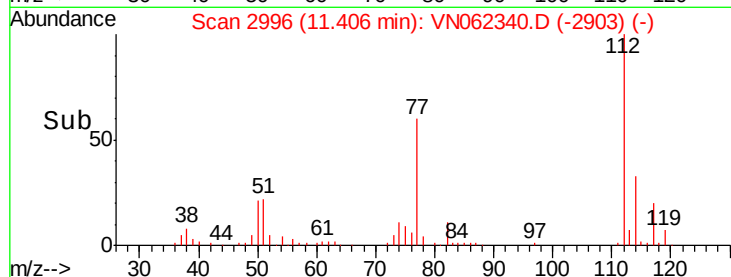
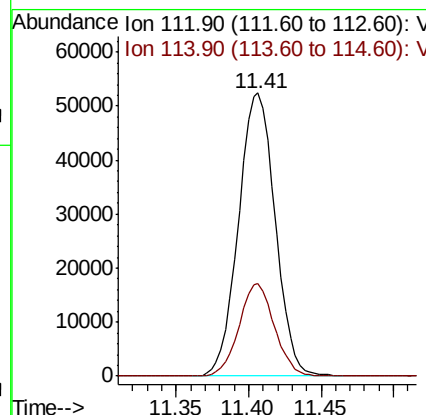
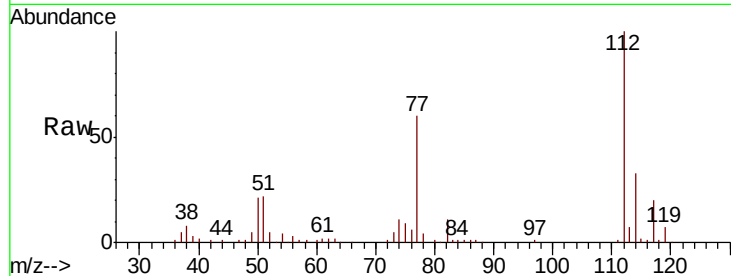




#65  
Chlorobenzene  
Concen: 17.511 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

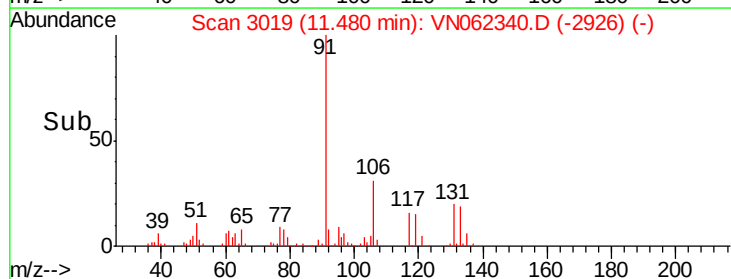
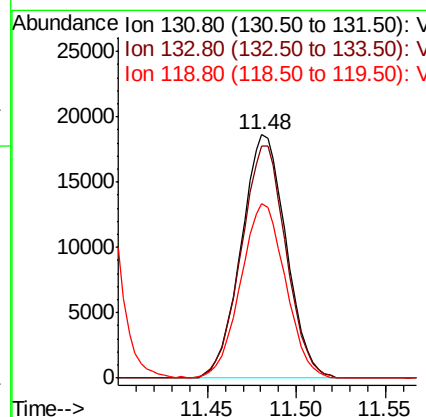
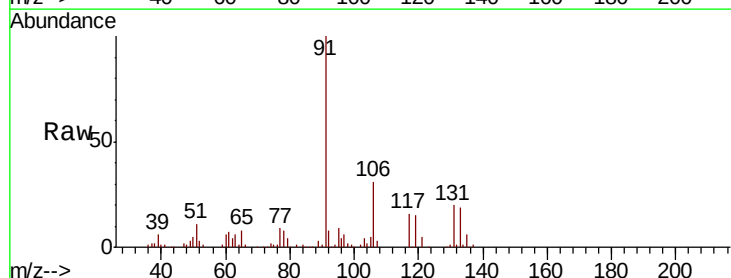
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

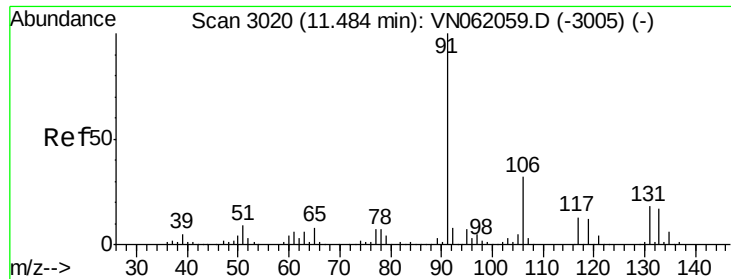
Tot Ion:112 Resp: 92167  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.048 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion:131 Resp: 32849  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.6 142.9  
119 71.3 34.4 103.3

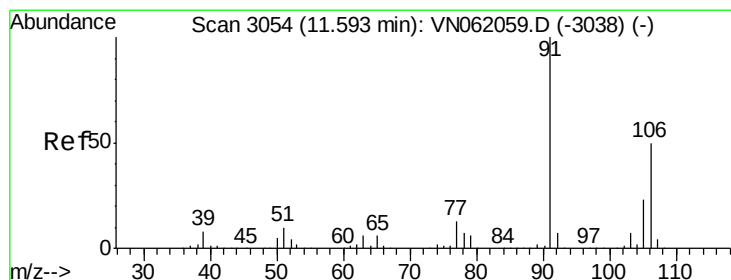
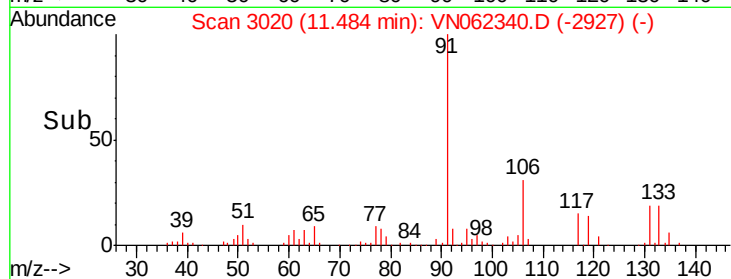
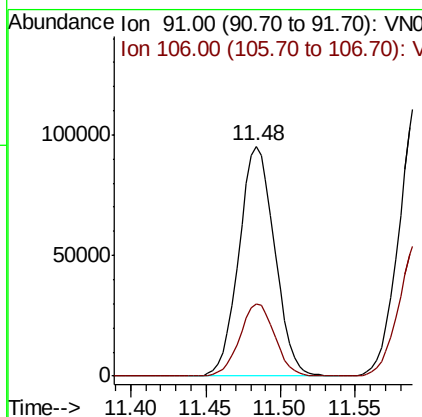
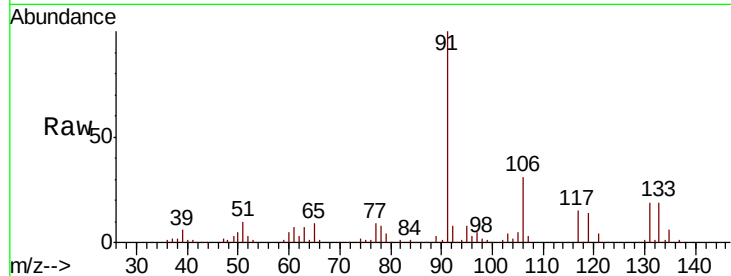




#67  
Ethyl Benzene  
Concen: 17.838 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

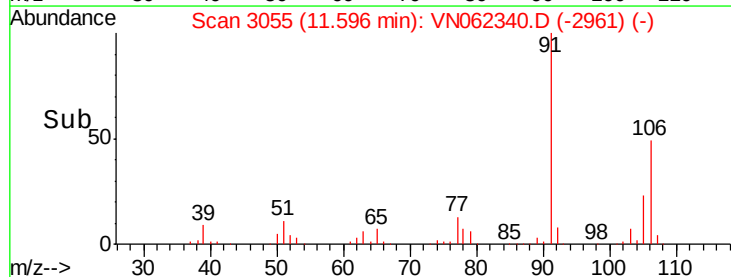
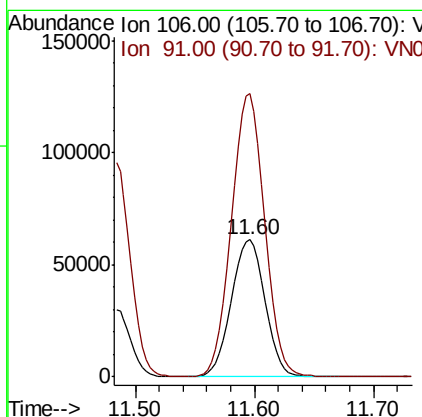
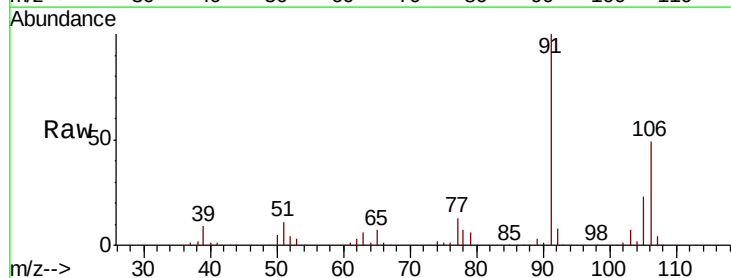
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

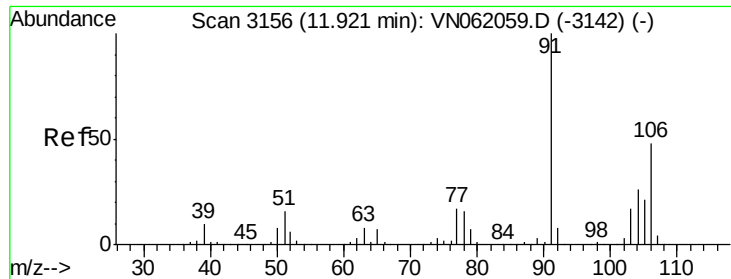
Tot Ion: 91 Resp: 158565  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.3 37.9



#68  
m/p-Xylenes  
Concen: 35.036 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 106 Resp: 120462  
Ion Ratio Lower Upper  
106 100  
91 201.8 157.8 236.8

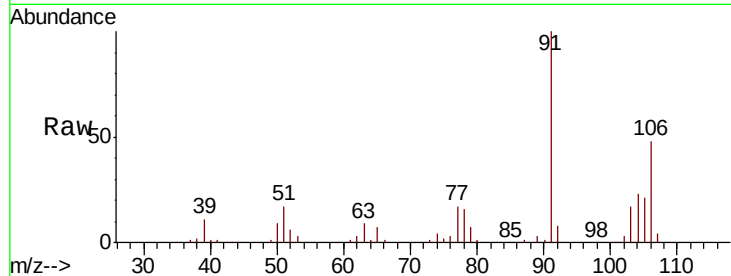




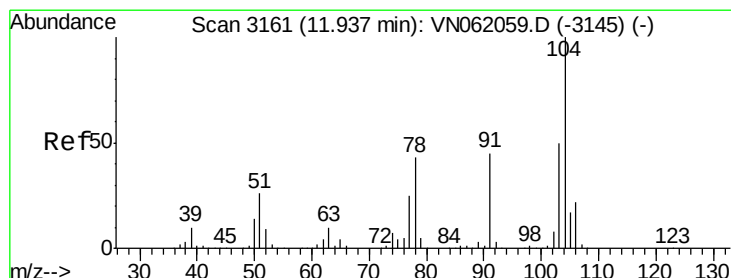
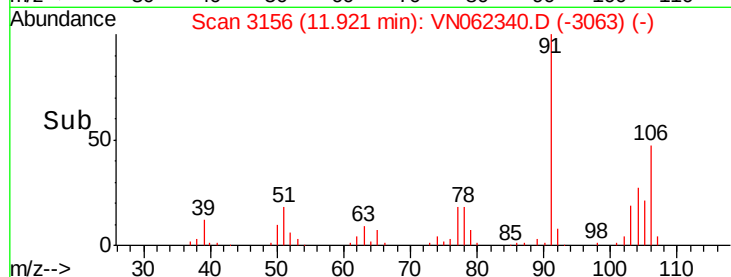
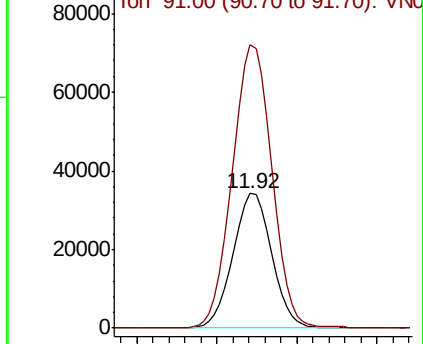
#69  
o-Xylene  
Concen: 17.435 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

Tot Ion:106 Resp: 56559  
Ion Ratio Lower Upper  
106 100  
91 214.0 104.0 311.9

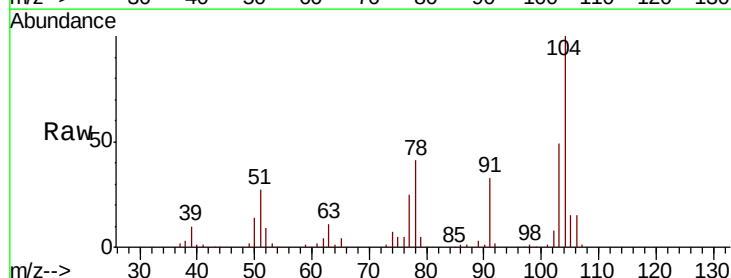


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

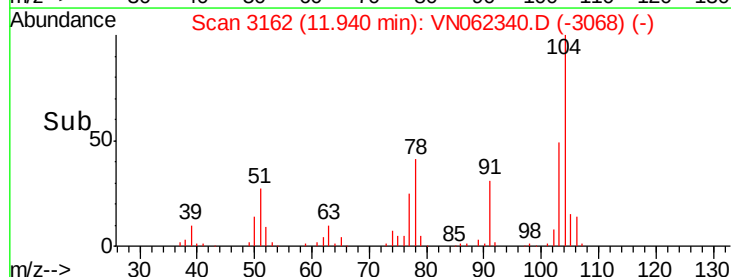
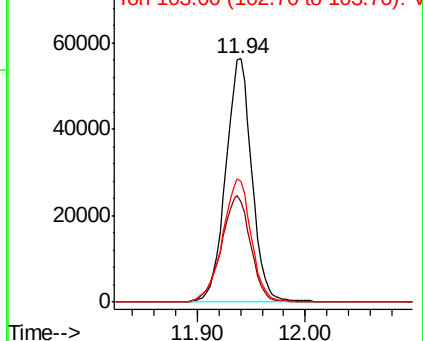


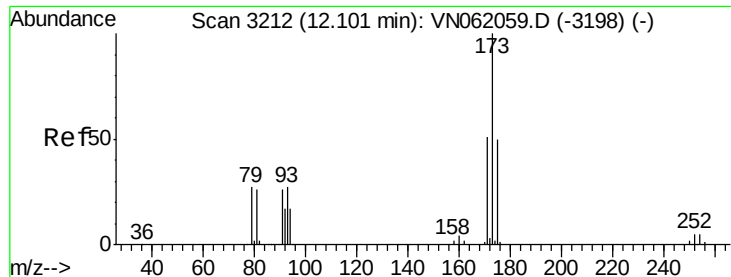
#70  
Styrene  
Concen: 17.566 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion:104 Resp: 95036  
Ion Ratio Lower Upper  
104 100  
78 48.9 37.7 56.5  
103 55.0 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.668 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

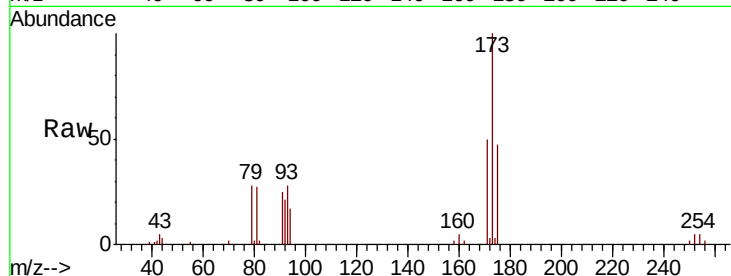
Tot Ion:173 Resp: 22863

Ion Ratio Lower Upper

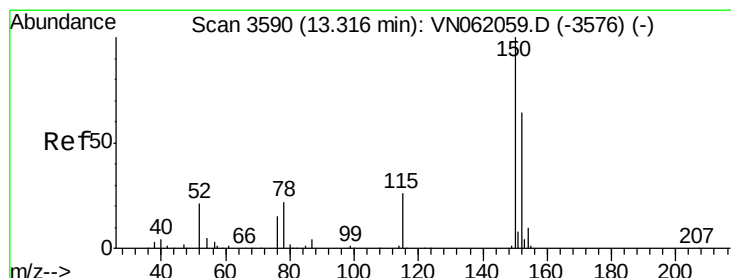
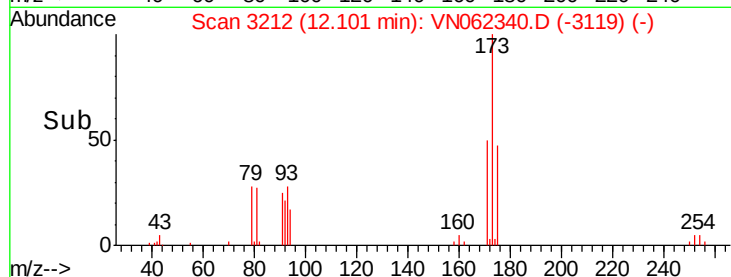
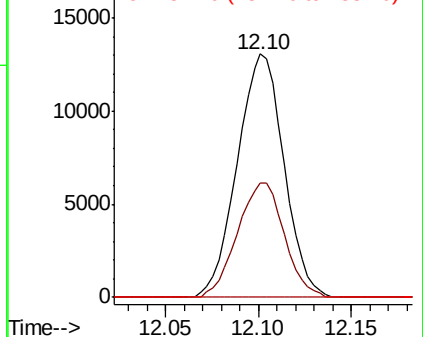
173 100

175 47.3 24.7 74.1

254 0.0 0.0 0.0



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

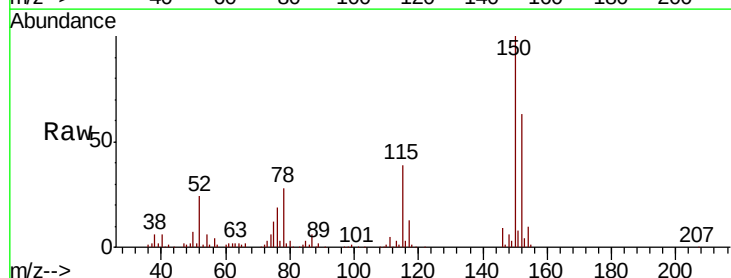
Tgt Ion:152 Resp: 103488

Ion Ratio Lower Upper

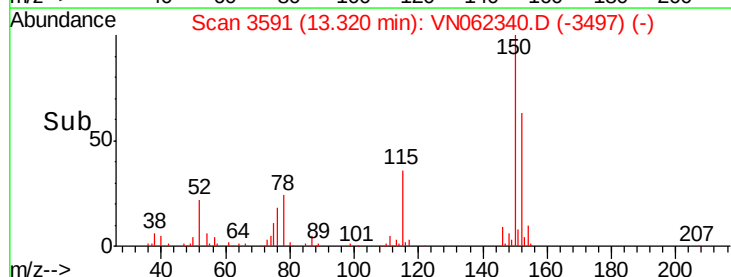
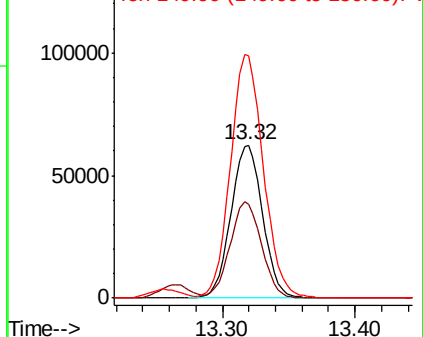
152 100

115 62.5 29.5 88.5

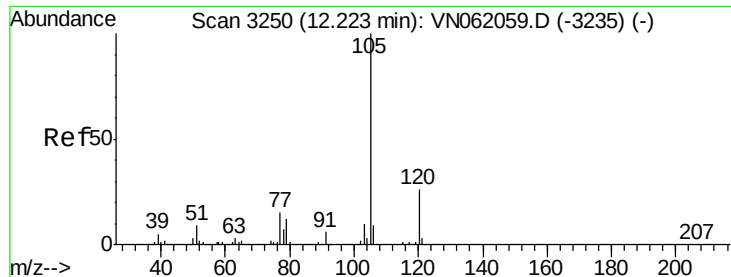
150 164.9 0.0 351.4



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: 18.912 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

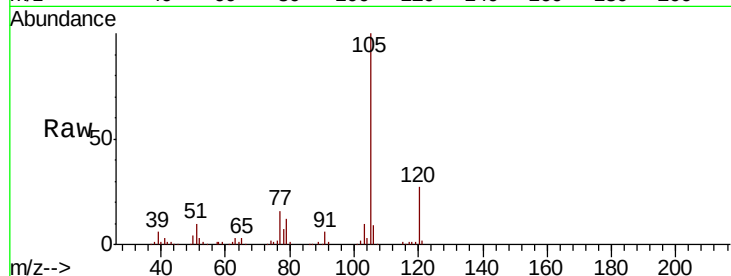
VN0702MBS01

Tot Ion:105 Resp: 151497

Ion Ratio Lower Upper

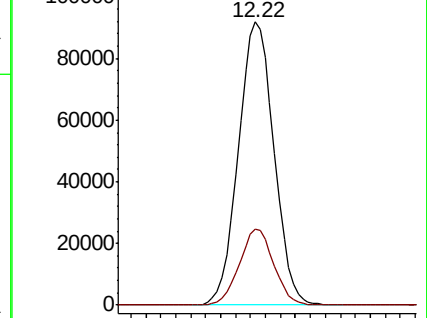
105 100

120 25.9 13.2 39.6

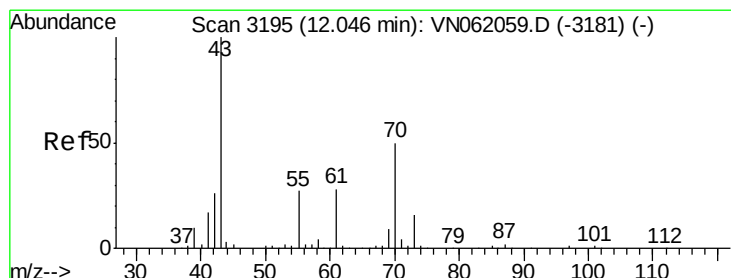
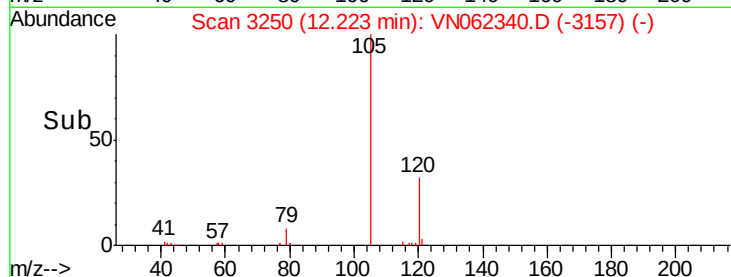


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 21.653 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion: 43 Resp: 57863

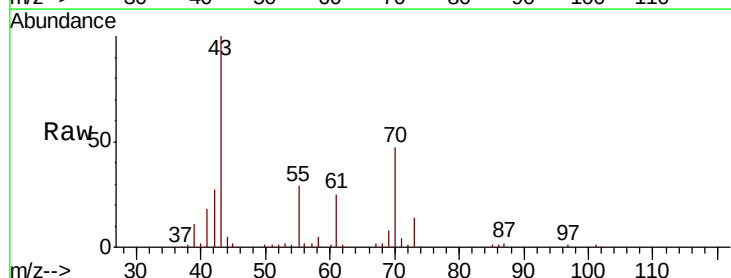
Ion Ratio Lower Upper

43 100

70 46.7 39.4 59.2

55 28.3 21.7 32.5

61 24.6 21.3 31.9

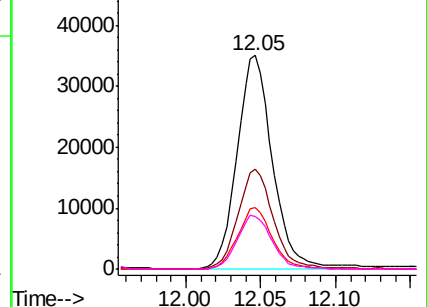


Abundance Ion 43.00 (42.70 to 43.70): V

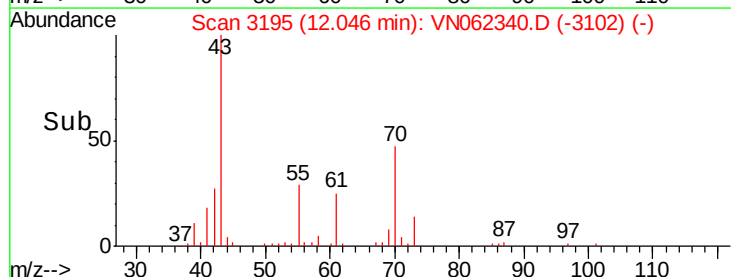
Ion 70.00 (69.70 to 70.70): V

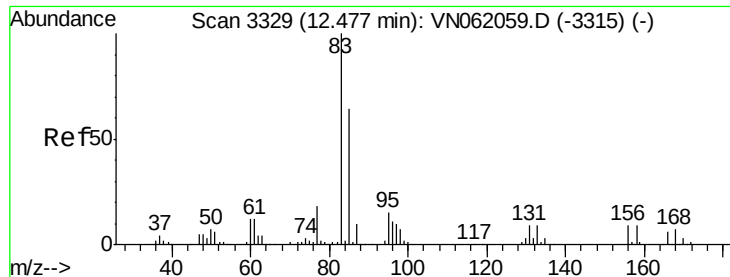
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.074 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

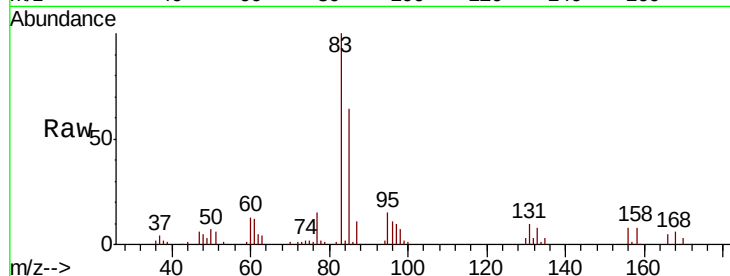
Tot Ion: 83 Resp: 56178

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

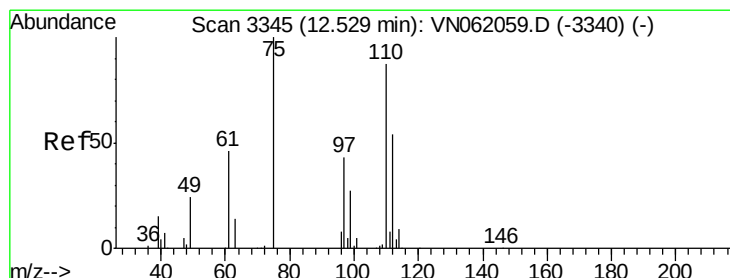
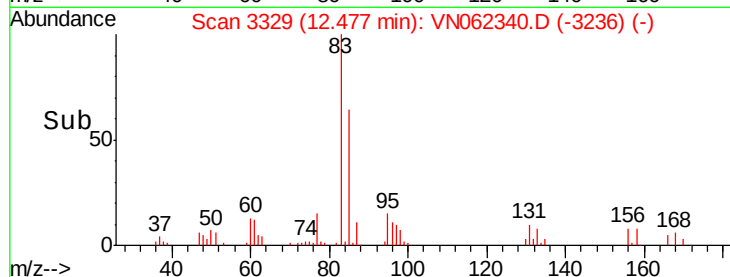
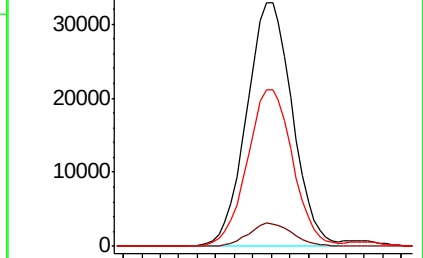
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062340.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062340.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062340.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 28.229 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062340.D

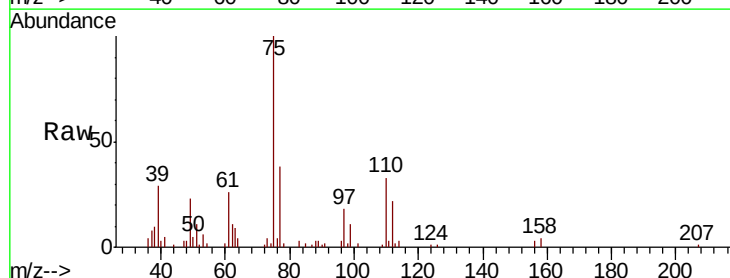
Acq: 2 Jul 2020 18:06

Tgt Ion: 75 Resp: 68772

Ion Ratio Lower Upper

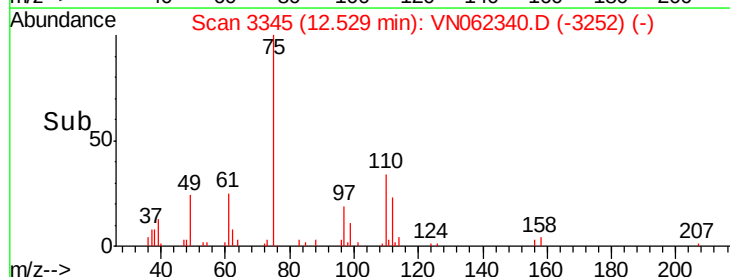
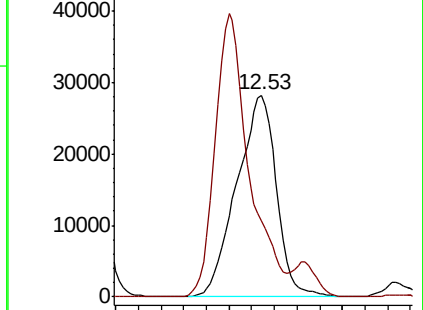
75 100

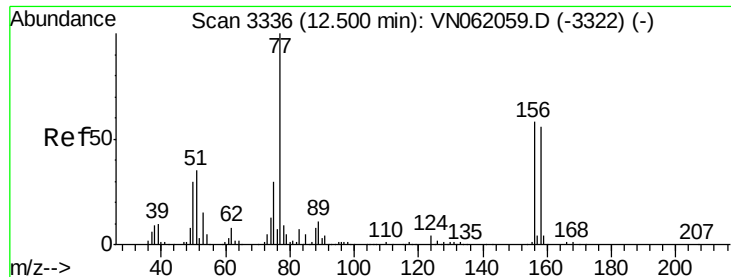
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062340.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062340.D (-3252) (-)





#77

Bromobenzene

Concen: 17.664 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

VN0702MBS01

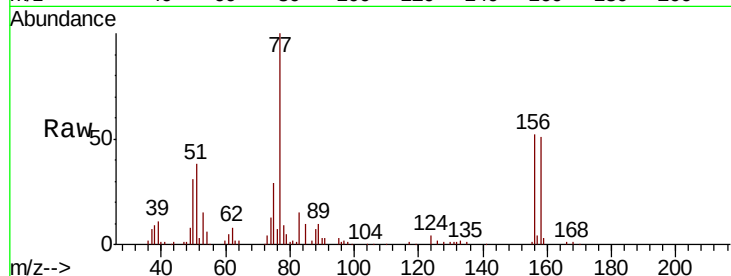
Tot Ion:156 Resp: 35130

Ion Ratio Lower Upper

156 100

77 234.5 104.6 313.8

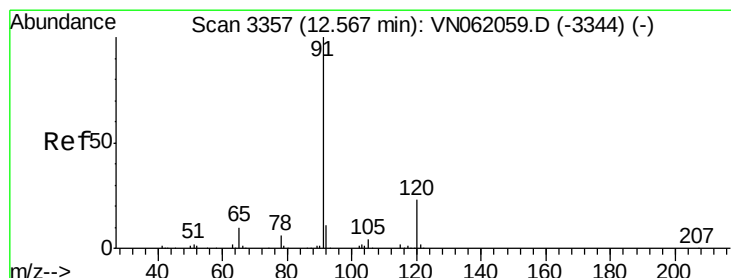
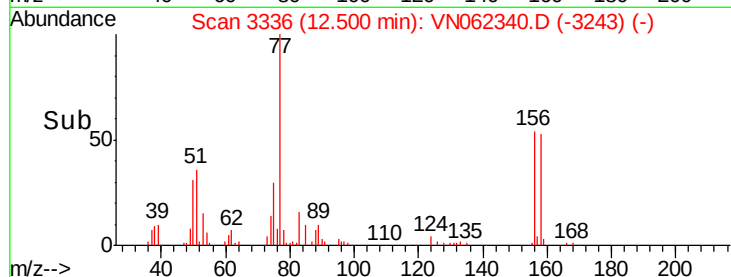
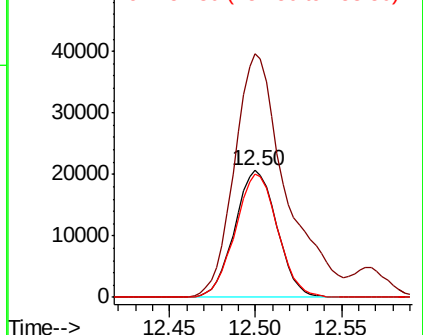
158 97.6 48.0 144.0



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: 18.907 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062340.D

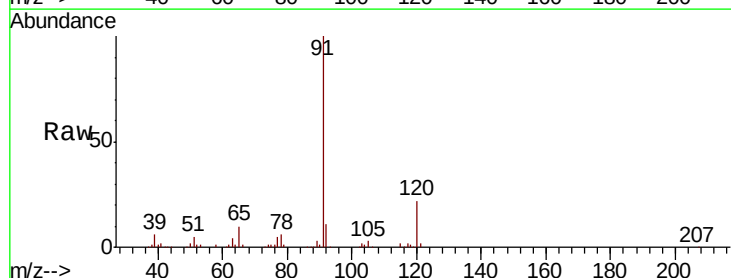
Acq: 2 Jul 2020 18:06

Tgt Ion: 91 Resp: 173248

Ion Ratio Lower Upper

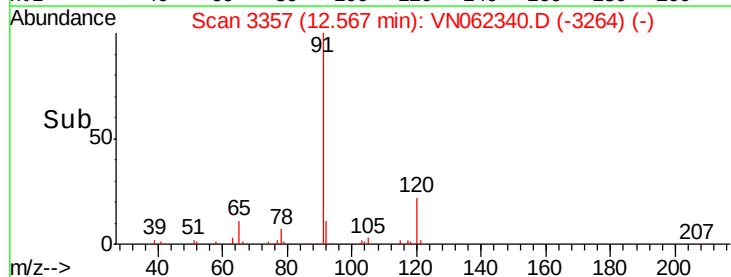
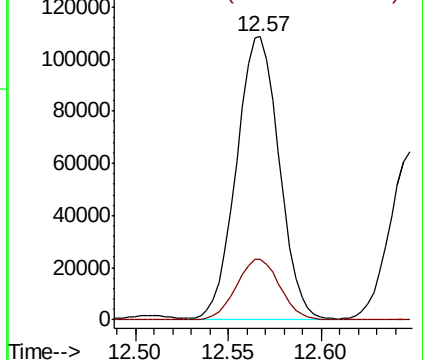
91 100

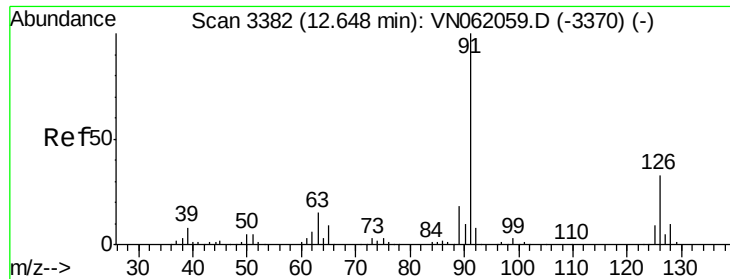
120 22.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

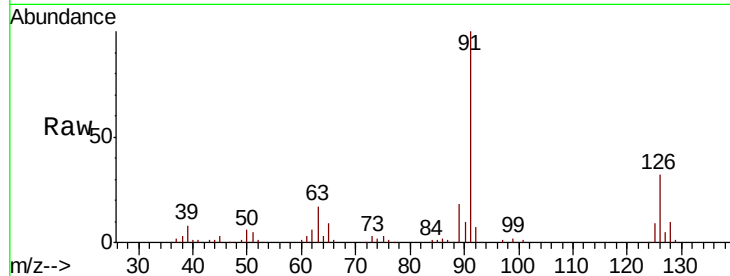




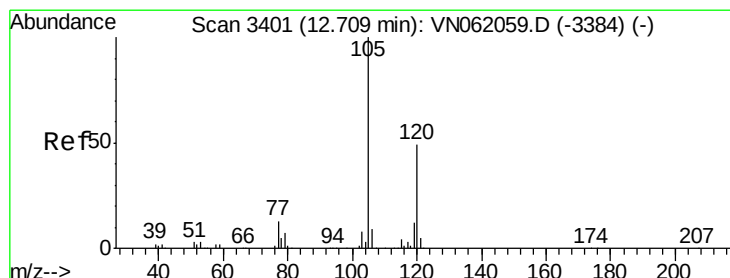
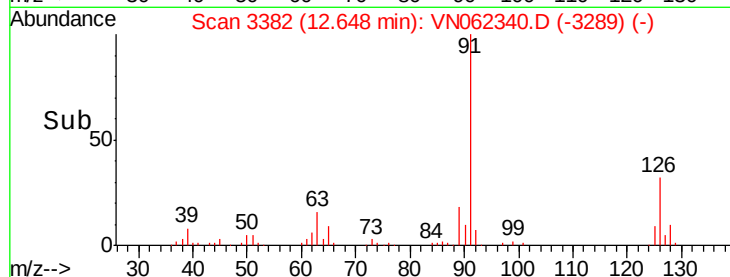
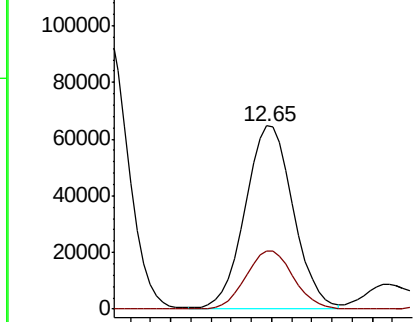
#79  
 2-Chlorotoluene  
 Concen: 19.321 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0702MBS01

Tot Ion: 91 Resp: 107030  
 Ion Ratio Lower Upper  
 91 100  
 126 32.0 16.9 50.7

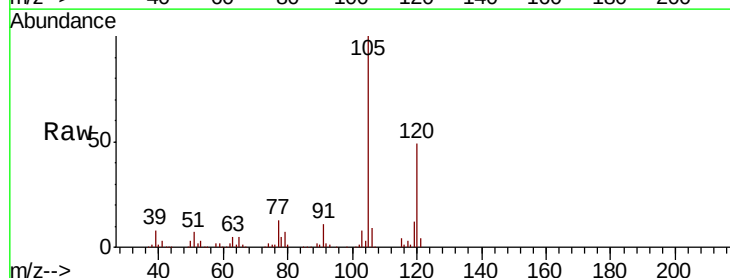


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)  
 Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

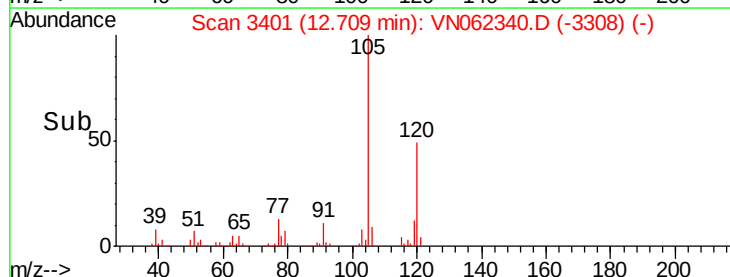
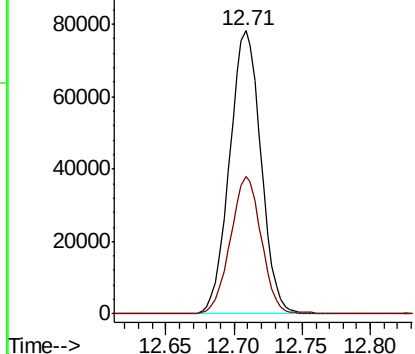


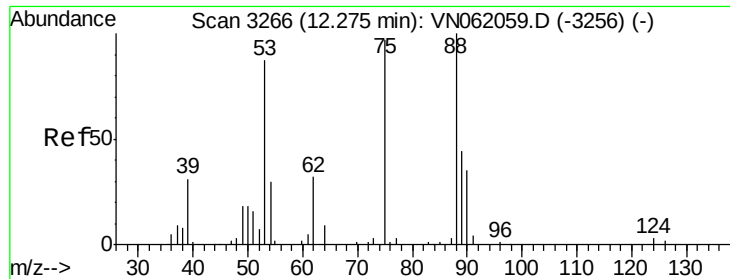
#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.215 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion: 105 Resp: 124781  
 Ion Ratio Lower Upper  
 105 100  
 120 47.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)  
 Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

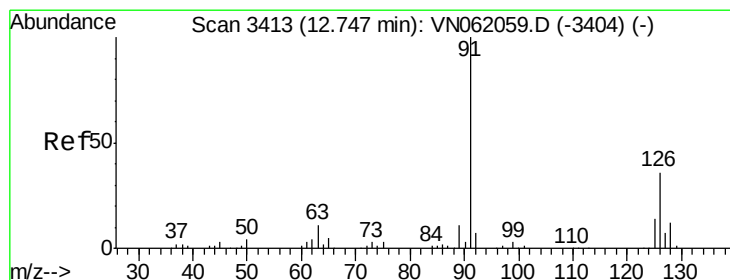
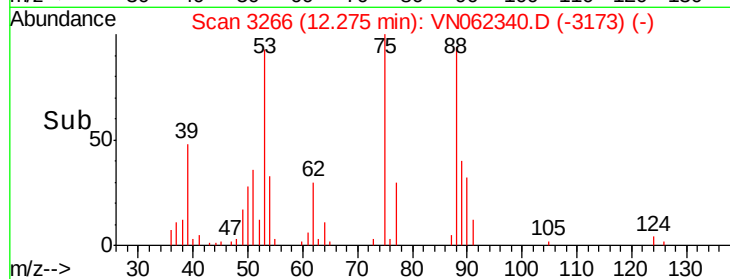
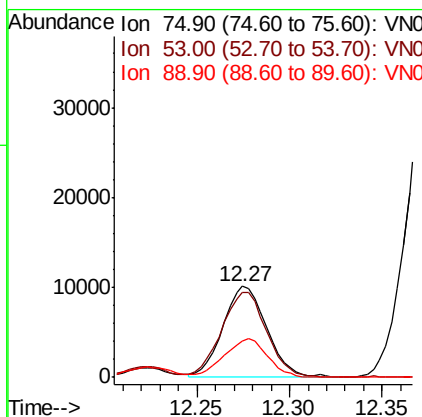
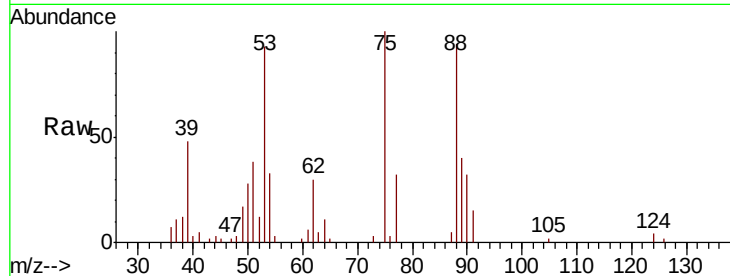




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.968 ug/l  
RT: 12.27 min Scan# 3266  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

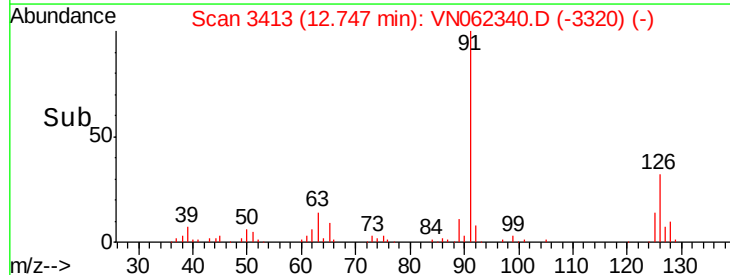
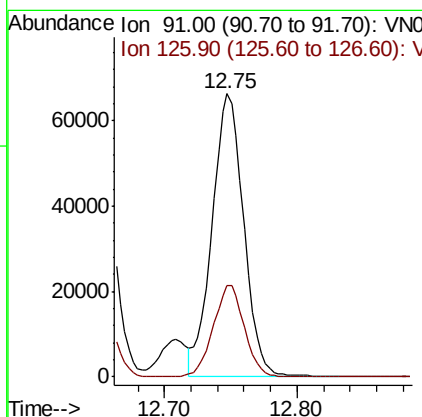
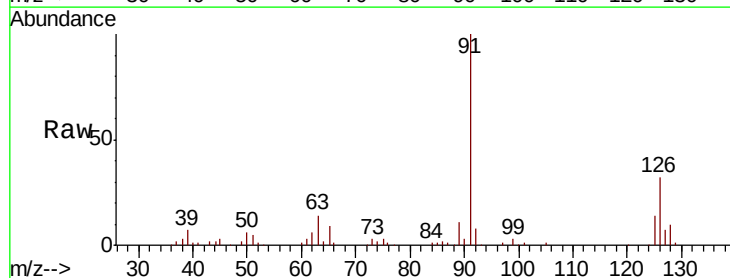
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

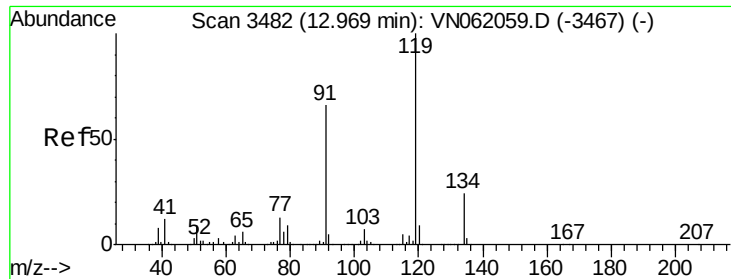
Tot Ion: 75 Resp: 16657  
Ion Ratio Lower Upper  
75 100  
53 96.1 72.0 108.0  
89 41.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.217 ug/l  
RT: 12.75 min Scan# 3413  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion: 91 Resp: 110086  
Ion Ratio Lower Upper  
91 100  
126 31.6 16.7 50.1

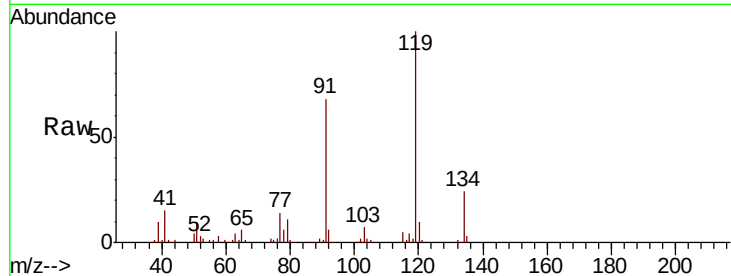




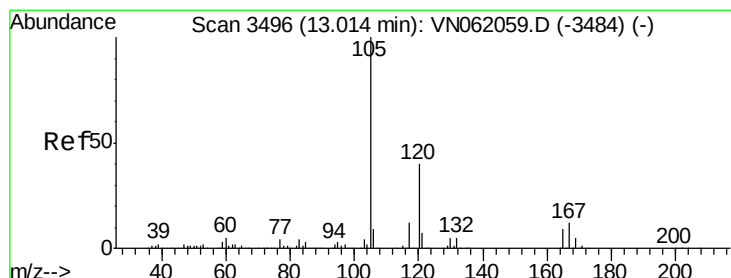
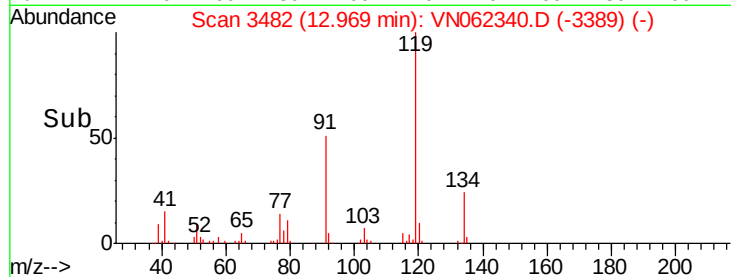
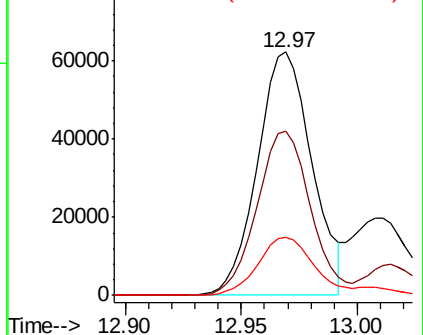
#83  
tert-Butylbenzene  
Concen: 18.345 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0702MBS01

Tot Ion:119 Resp: 101955  
Ion Ratio Lower Upper  
119 100  
91 66.5 31.7 95.1  
134 24.5 13.1 39.1

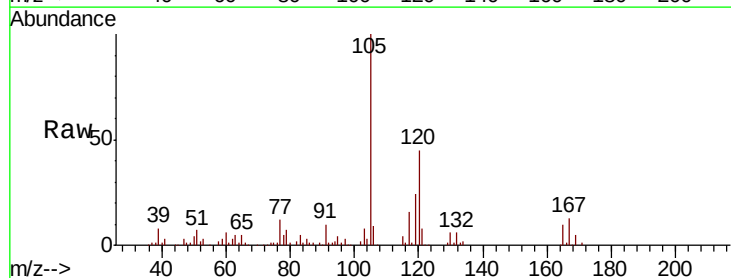


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

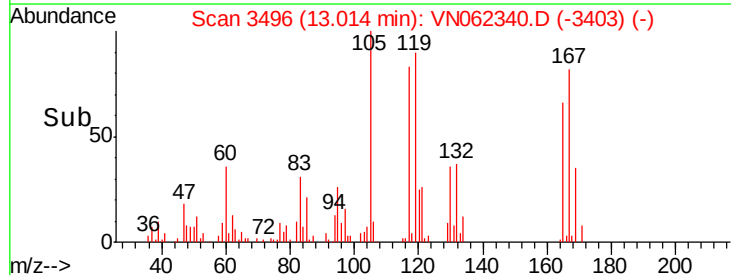
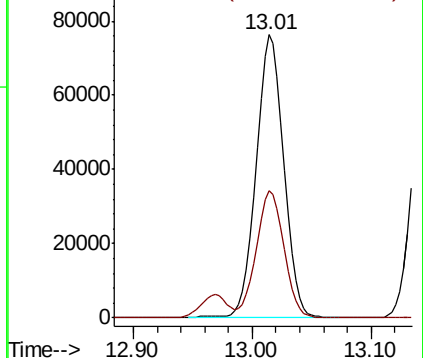


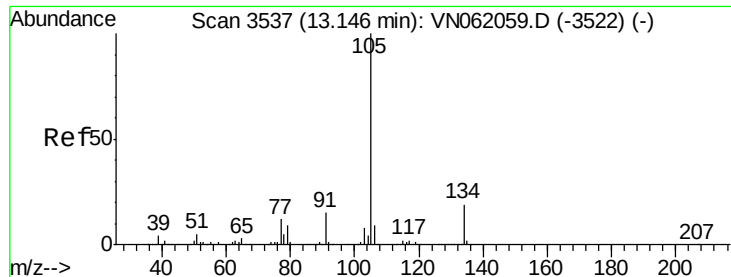
#84  
1,2,4-Trimethylbenzene  
Concen: 18.858 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion:105 Resp: 122311  
Ion Ratio Lower Upper  
105 100  
120 45.0 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 19.020 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampled :

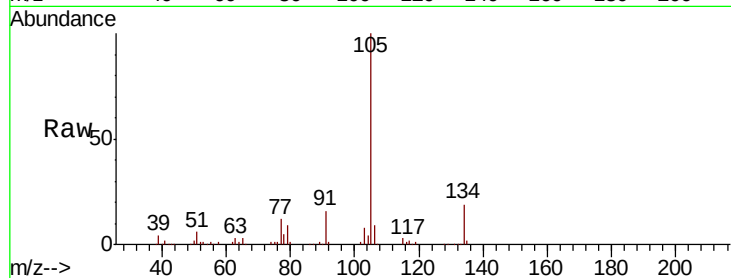
VN0702MBS01

Tot Ion:105 Resp: 139676

Ion Ratio Lower Upper

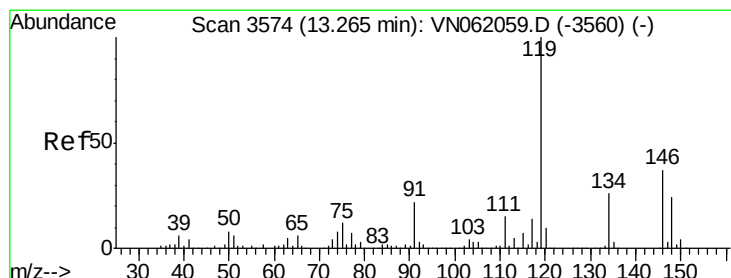
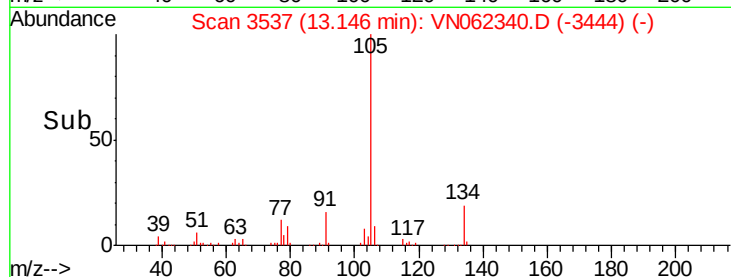
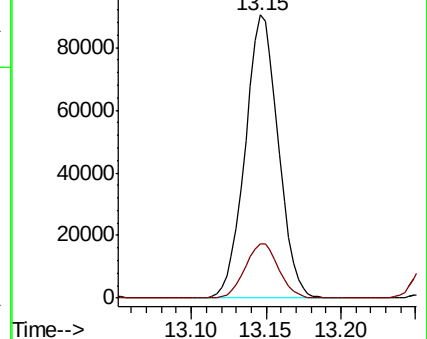
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.431 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

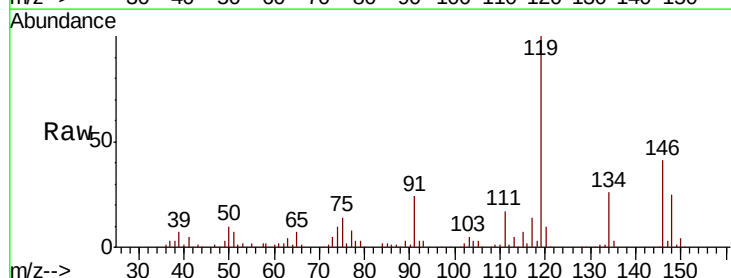
Tgt Ion:119 Resp: 118586

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

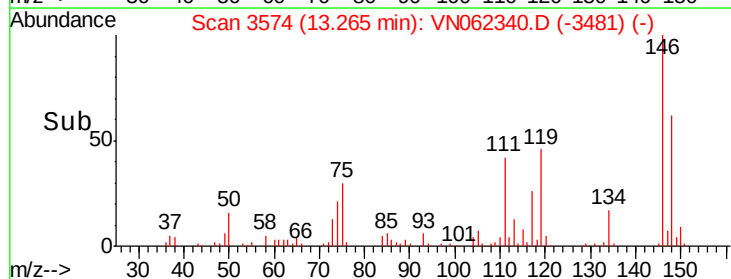
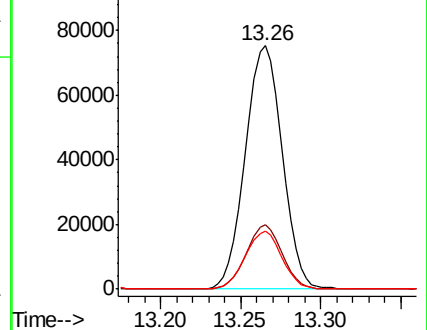
91 23.6 11.3 33.8

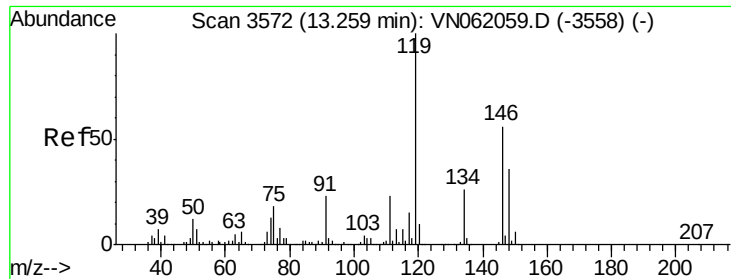


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

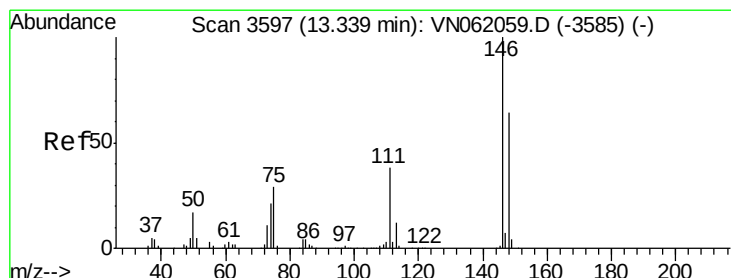
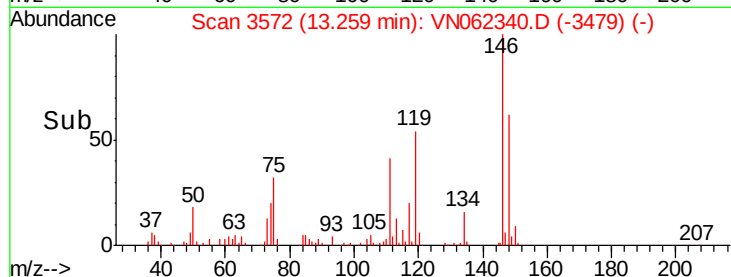
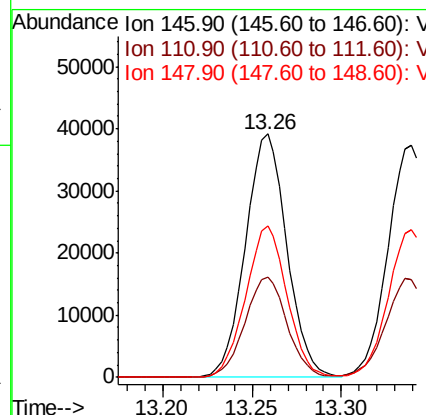
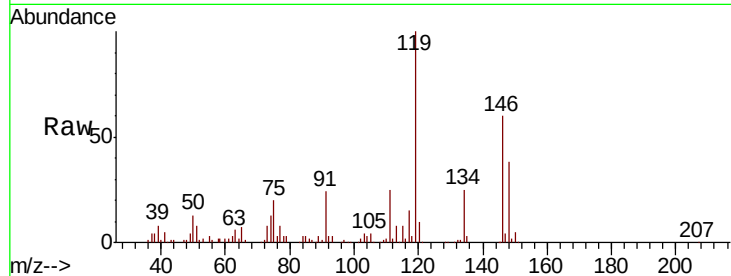




#87  
 1,3-Dichlorobenzene  
 Concen: 18.157 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

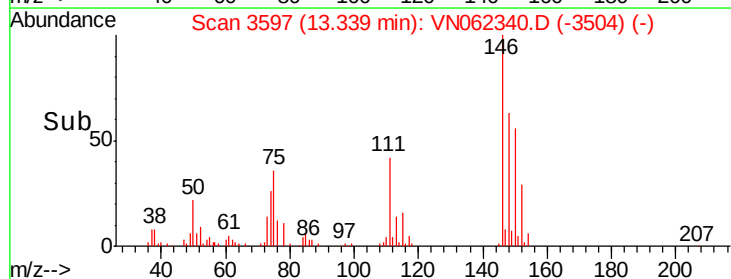
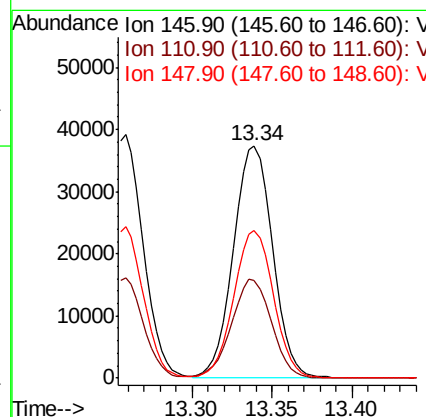
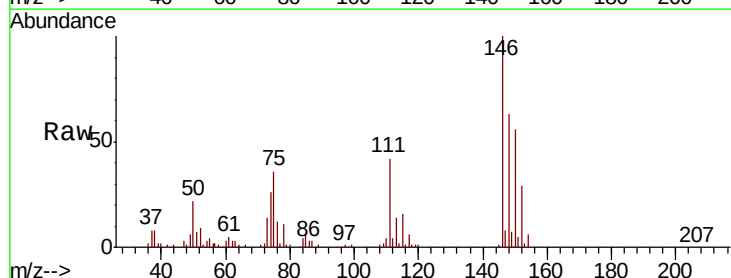
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0702MBS01

Tot Ion:146 Resp: 63411  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 20.3 61.0  
 148 61.9 31.8 95.3

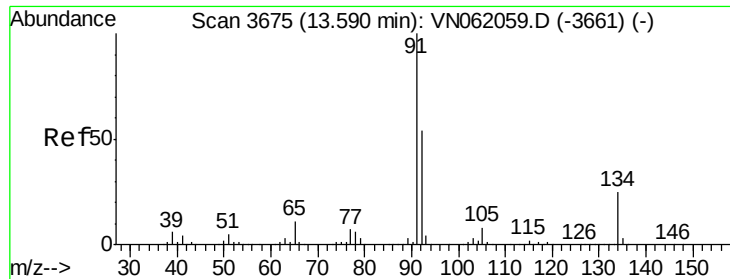


#88  
 1,4-Dichlorobenzene  
 Concen: 17.385 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion:146 Resp: 62587  
 Ion Ratio Lower Upper  
 146 100  
 111 43.5 19.9 59.6  
 148 64.3 31.9 95.9







#89

n-Butylbenzene

Concen: 17.654 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0702MBS01

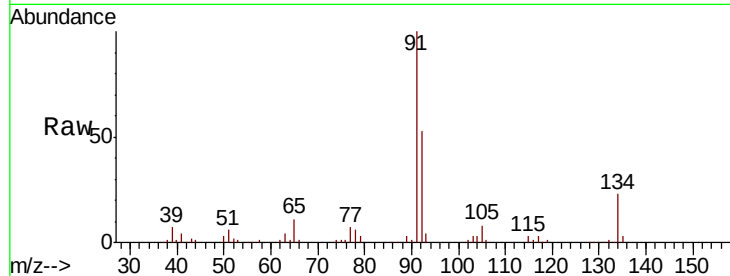
Tot Ion: 91 Resp: 94434

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

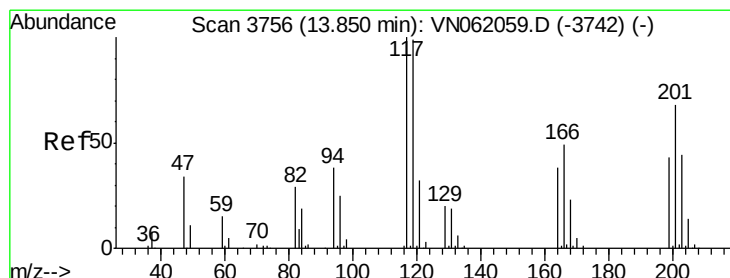
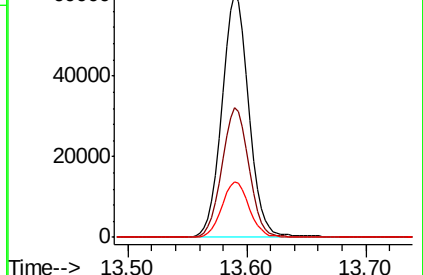
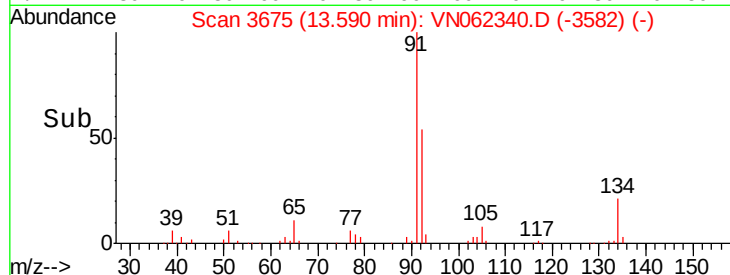
134 23.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)



#90

Hexachloroethane

Concen: 18.863 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062340.D

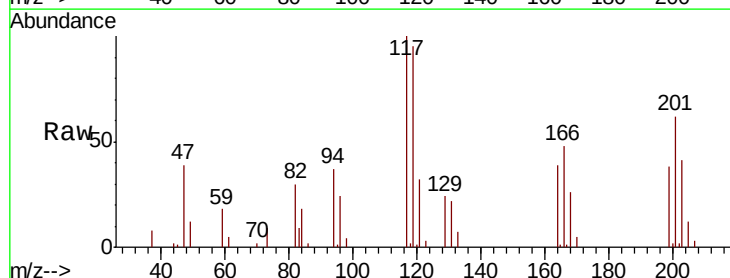
Acq: 2 Jul 2020 18:06

Tgt Ion: 117 Resp: 23811

Ion Ratio Lower Upper

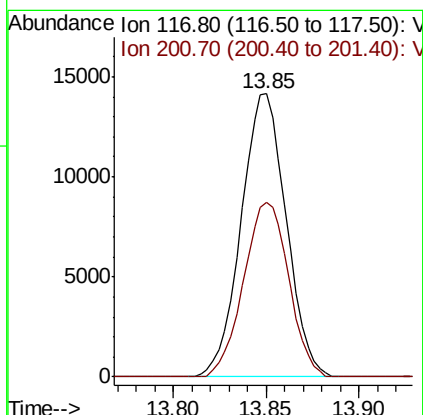
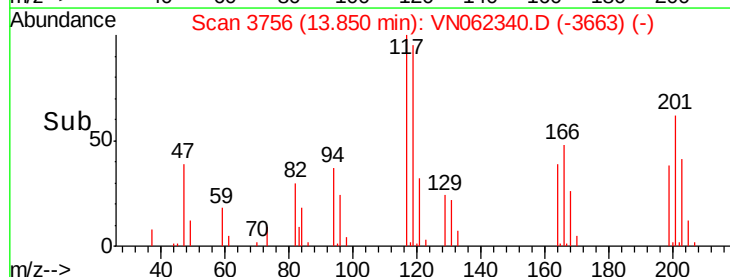
117 100

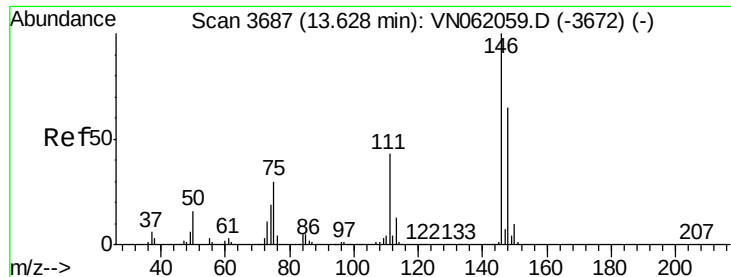
201 61.6 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

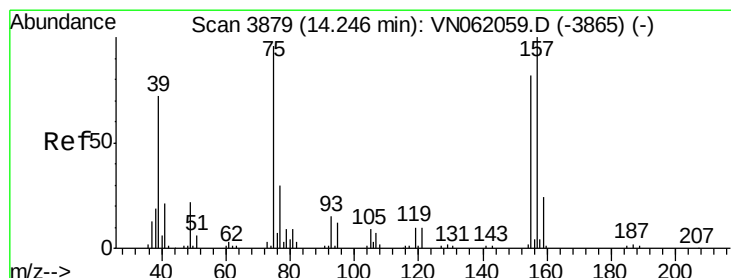
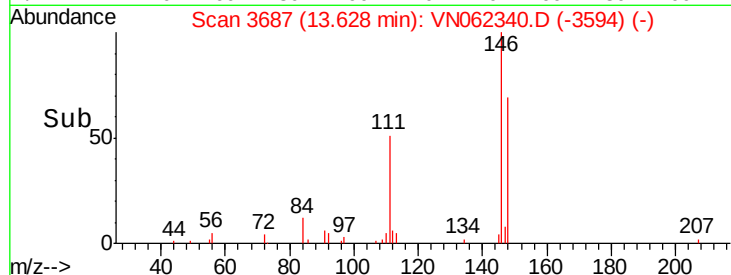
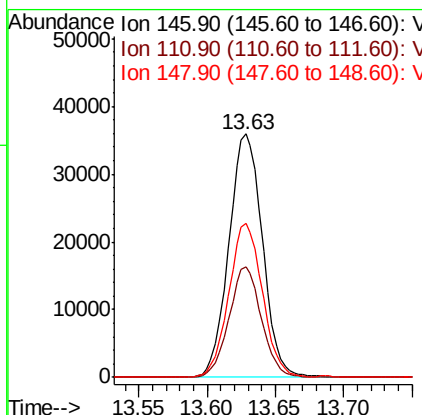
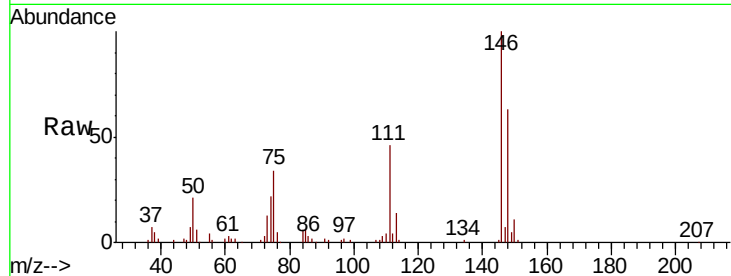




#91  
 1,2-Dichlorobenzene  
 Concen: 18.182 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

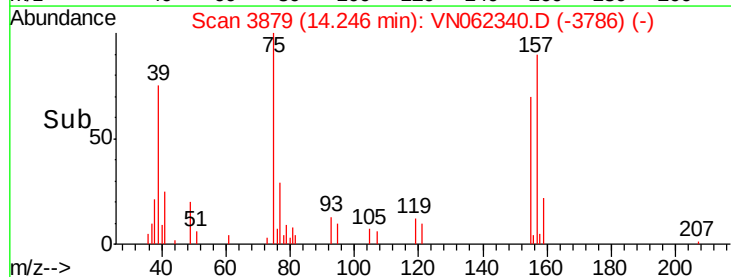
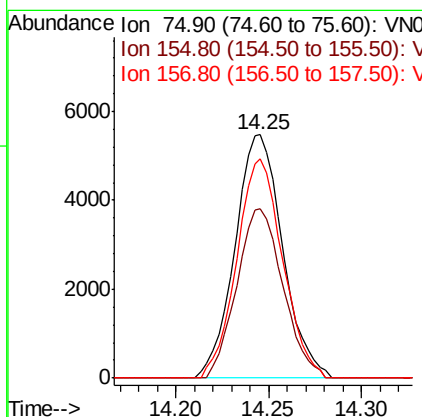
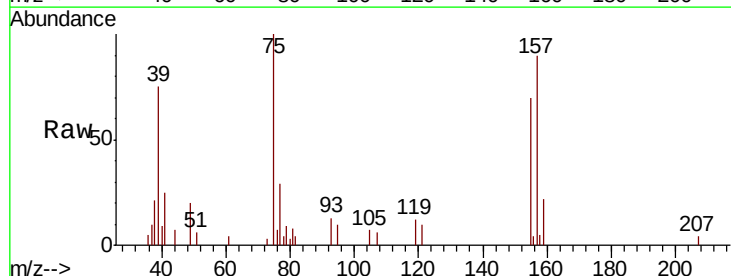
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

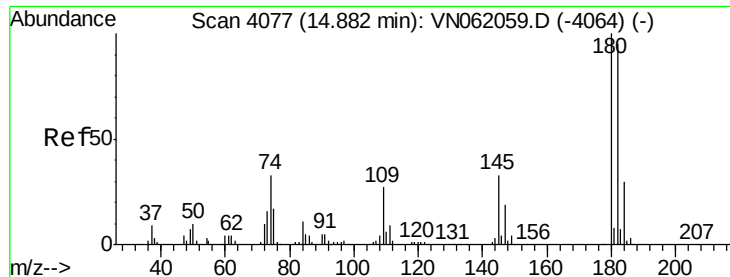
Tot Ion:146 Resp: 61576  
 Ion Ratio Lower Upper  
 146 100  
 111 43.5 21.2 63.6  
 148 63.1 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.869 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Tgt Ion: 75 Resp: 9766  
 Ion Ratio Lower Upper  
 75 100  
 155 67.5 40.8 122.4  
 157 86.4 51.4 154.3

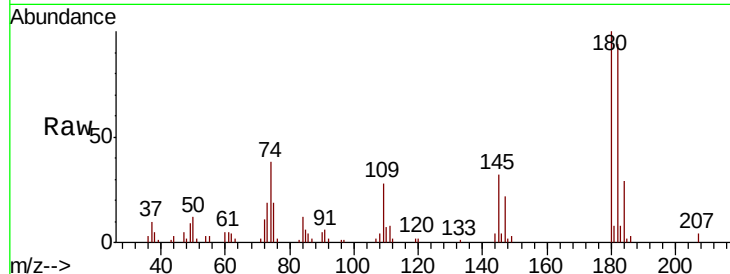




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.222 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0702MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.1  | 48.0  | 144.2 |
| 145     | 32.1  | 16.0  | 48.0  |

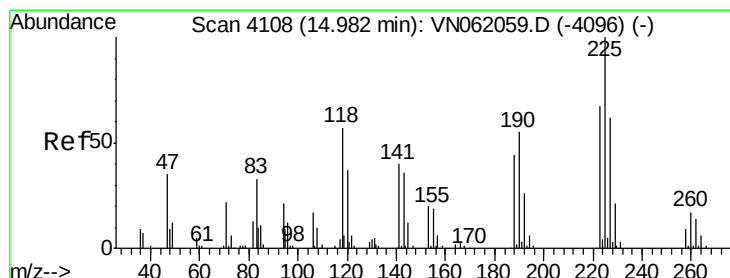
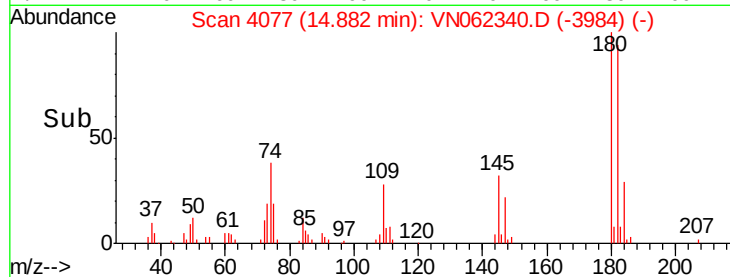
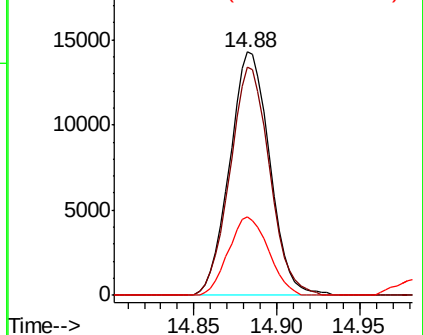


Abundance

Ion 179.80 (179.50 to 180.50): V

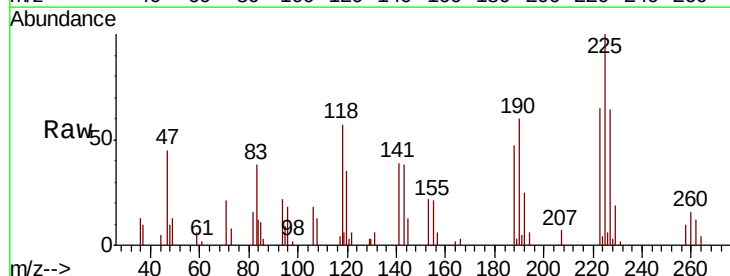
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 18.017 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN062340.D  
 Acq: 2 Jul 2020 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.8  | 32.9  | 98.7  |
| 227     | 60.1  | 31.3  | 93.8  |

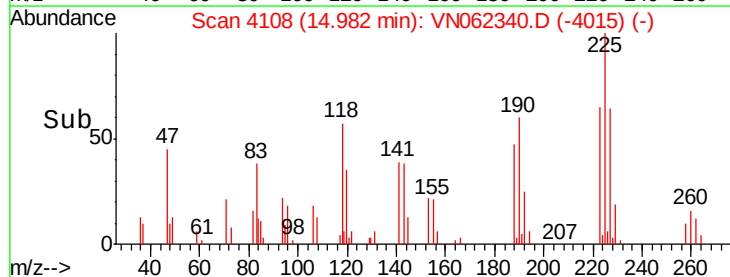
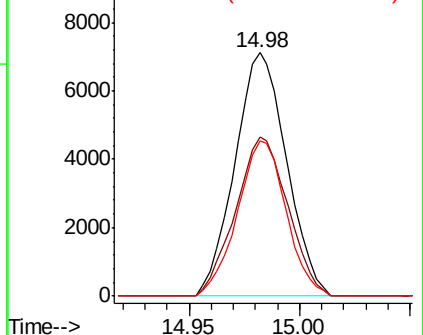


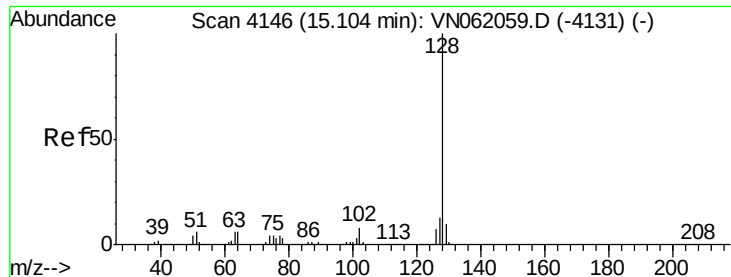
Abundance

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

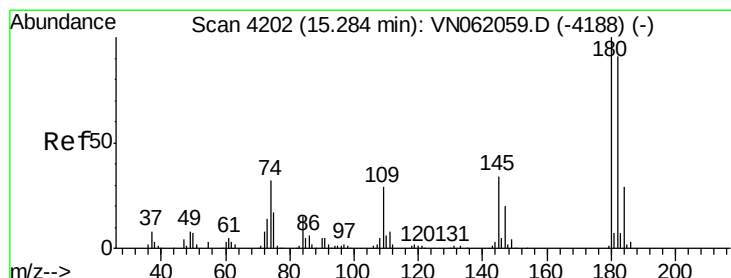
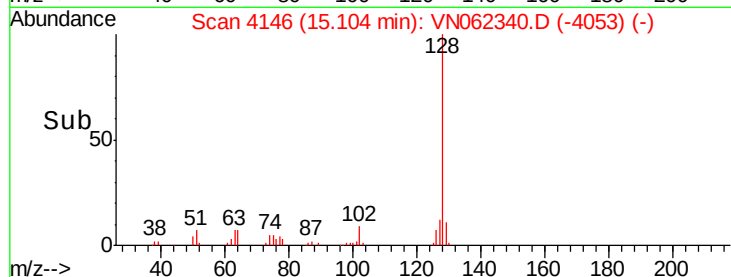
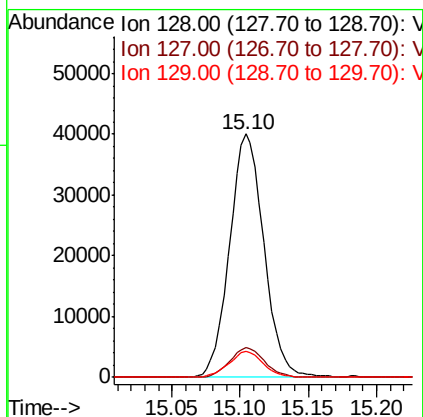
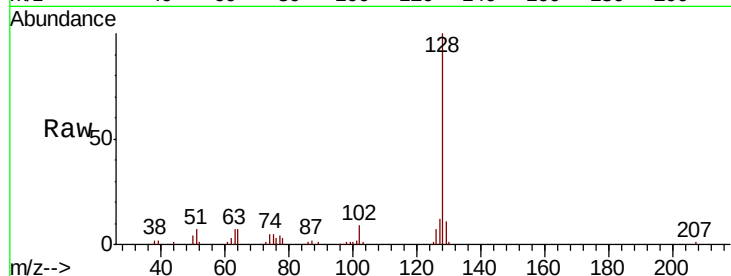




#95  
Naphthalene  
Concen: 17.069 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0702MBS01

Tot Ion:128 Resp: 70094  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.5 15.7  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 16.643 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. -0.00 min  
Lab File: VN062340.D  
Acq: 2 Jul 2020 18:06

Tgt Ion:180 Resp: 25176  
Ion Ratio Lower Upper  
180 100  
182 94.7 46.8 140.4  
145 33.7 16.4 49.2

