

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\  
 Data File : VN061624.D  
 Acq On : 2 Jun 2020 17:13  
 Operator : JC/MD  
 Sample : VN0602MBSD01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 03 00:51:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 360540   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 621915   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 581072   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 278534   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 230933   | 53.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.52% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 179122   | 56.78 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.56% |      |
| 50) Toluene-d8            | 10.06  | 98  | 766914   | 52.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.92% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 280324   | 52.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.12% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 81759  | 20.338 | ug/l   | 98     |
| 3) Chloromethane              | 2.03 | 50  | 83492  | 18.987 | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.16 | 62  | 115308 | 19.135 | ug/l   | 99     |
| 5) Bromomethane               | 2.54 | 94  | 69655  | 20.144 | ug/l   | 96     |
| 6) Chloroethane               | 2.67 | 64  | 70888  | 18.276 | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 134002 | 17.244 | ug/l   | 98     |
| 8) Diethyl Ether              | 3.37 | 74  | 42731  | 17.983 | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 66162  | 19.187 | ug/l   | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 91534  | 19.122 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.73 | 59  | 56277  | 98.496 | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 67676  | 18.370 | ug/l   | 96     |
| 13) Acrolein                  | 3.57 | 56  | 19191  | 97.218 | ug/l   | 95     |
| 14) Allyl chloride            | 4.27 | 41  | 84428  | 17.529 | ug/l   | 97     |
| 15) Acrylonitrile             | 4.93 | 53  | 142265 | 89.206 | ug/l   | 99     |
| 16) Acetone                   | 3.77 | 43  | 115882 | 94.016 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.01 | 76  | 152842 | 18.857 | ug/l   | 97     |
| 18) Methyl Acetate            | 4.27 | 43  | 67226  | 17.288 | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 234677 | 18.691 | ug/l   | 96     |
| 20) Methylene Chloride        | 4.50 | 84  | 76991  | 18.628 | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 76585  | 18.433 | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.91 | 45  | 196229 | 18.485 | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.84 | 43  | 729049 | 86.168 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 124026 | 18.425 | ug/l   | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 179408 | 88.126 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 118543 | 19.241 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 90405  | 19.216 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 48539  | 18.324 | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 117421 | 87.468 | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83  | 139480 | 18.729 | ug/l   | 99     |
| 31) Cyclohexane               | 7.62 | 56  | 110789 | 18.300 | ug/l # | 94     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 129033 | 19.015 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 100783 | 18.306 | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 74684  | 16.842 | ug/l   | 95     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 96279  | 18.130 | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN060220\  
 Data File : VN061624.D  
 Acq On : 2 Jun 2020 17:13  
 Operator : JC/MD  
 Sample : VN0602MBSD01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 03 00:51:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 116453   | 17.161  | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 312750   | 18.411  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.12  | 41   | 33253    | 16.367  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 101886   | 17.915  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 136196   | 17.072  | ug/l   | 93       |
| 44) Trichloroethene            | 8.80  | 130  | 98760    | 18.917  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 73523    | 18.227  | ug/l   | 99       |
| 46) Dibromomethane             | 9.18  | 93   | 54373    | 17.576  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.37  | 83   | 113640   | 18.541  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 60855    | 16.954  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 23375    | 420.370 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 391207   | 87.017  | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 206841   | 18.656  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 119082   | 18.035  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 127210   | 17.918  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 82729    | 18.729  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 112659   | 18.258  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 131638   | 18.633  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 219929   | 83.404  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.72 | 43   | 275681   | 85.384  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 91516    | 18.224  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 86848    | 18.851  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 105625   | 19.311  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 231027   | 19.127  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 84907    | 18.879  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 399768   | 19.150  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.60 | 106  | 317052   | 38.303  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 151595   | 19.282  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 249077   | 19.131  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 59443    | 17.153  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.22 | 105  | 399586   | 19.656  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 113850   | 17.783  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 105644   | 18.544  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 135717   | 26.796  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 100143   | 19.298  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.57 | 91   | 438047   | 19.301  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 259606   | 19.184  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 328286   | 19.321  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 33181    | 16.753  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 267995   | 18.824  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 280615   | 18.692  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 333107   | 19.734  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 356990   | 18.454  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 334292   | 18.764  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 174249   | 18.963  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 175309   | 18.727  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.59 | 91   | 265667   | 17.804  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 34815    | 17.671  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 175650   | 20.002  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 19427    | 16.721  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN060220\  
Data File : VN061624.D  
Acq On : 2 Jun 2020 17:13  
Operator : JC/MD  
Sample : VN0602MBSD01  
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 03 00:51:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration

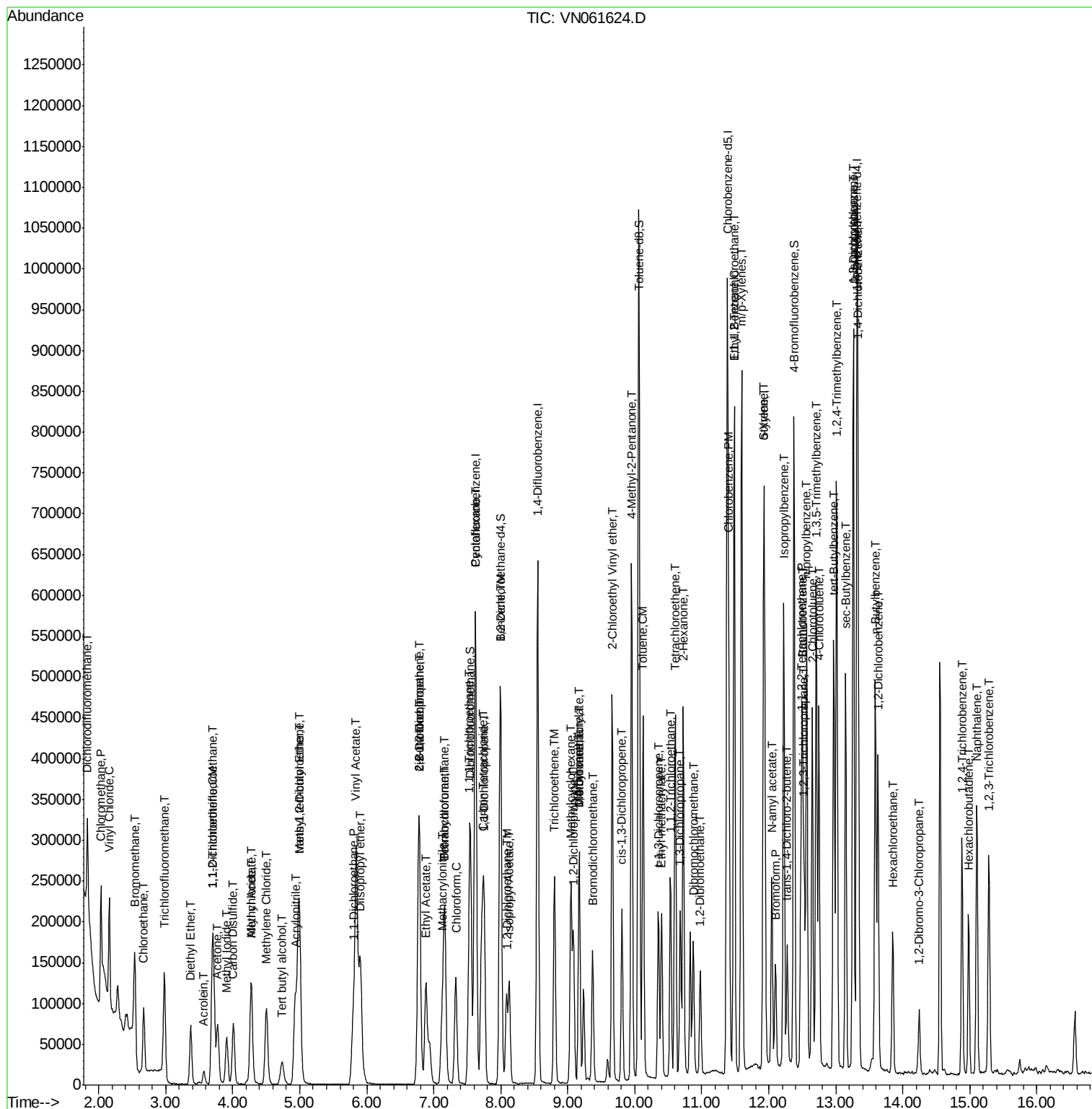
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 92441    | 17.999 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 34864    | 15.917 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 292310   | 18.699 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 93665    | 18.549 | ug/l  | 99       |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\  
Data File : VN061624.D  
Acq On : 2 Jun 2020 17:13  
Operator : JC/MD  
Sample : VN0602MBSD01  
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 03 00:51:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

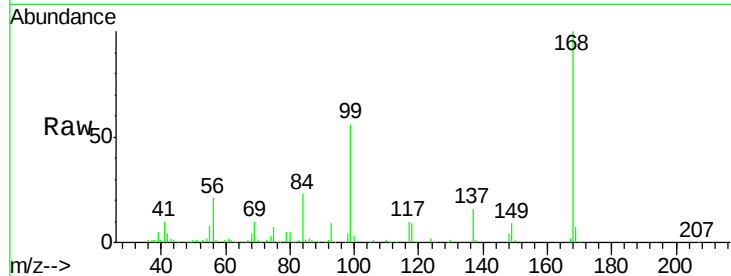
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 360540

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

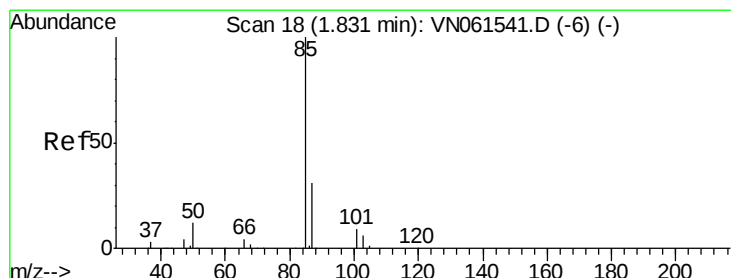
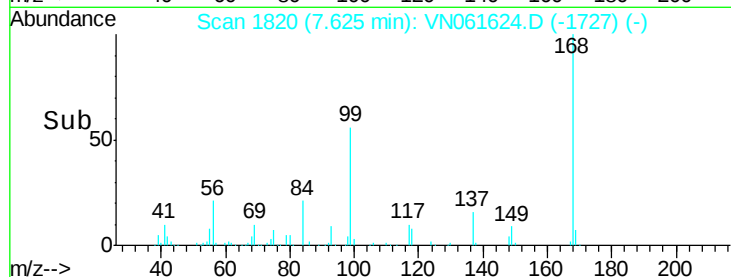
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 20.338 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061624.D

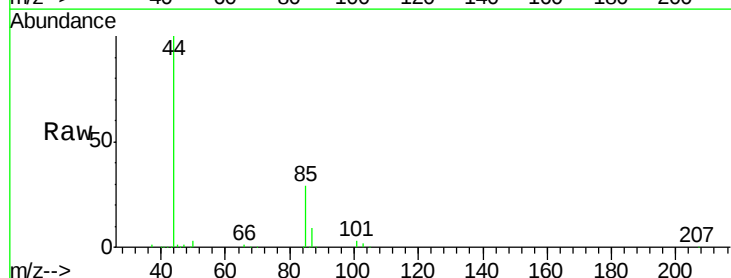
Acq: 2 Jun 2020 17:13

Tgt Ion: 85 Resp: 81759

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

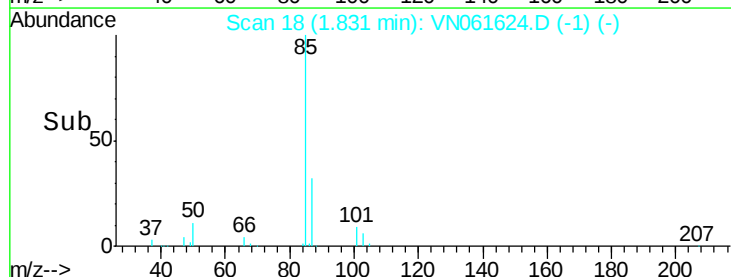
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.987 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

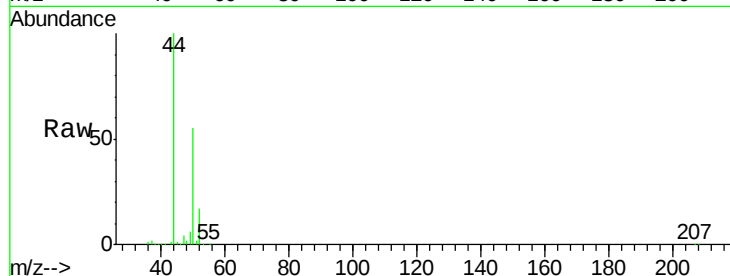
ClientSampleId :

Tot Ion: 50 Resp: 83492

Ion Ratio Lower Upper

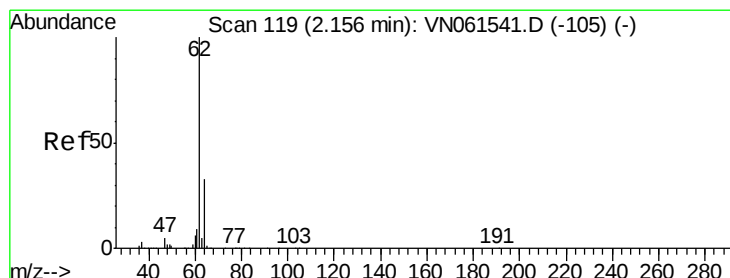
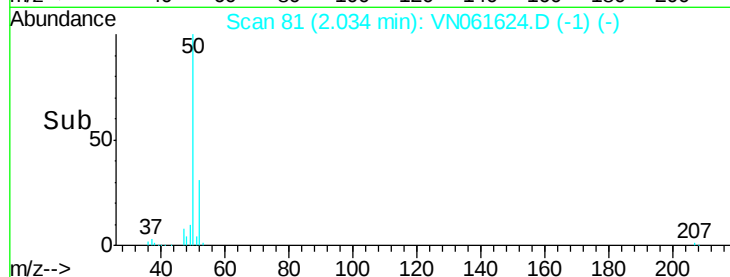
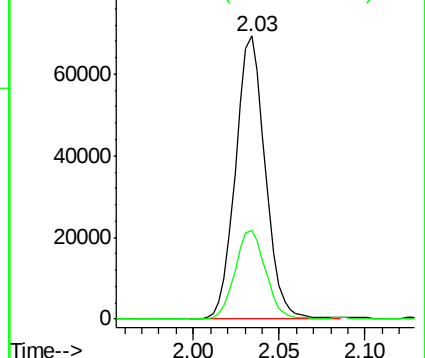
50 100

52 31.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.135 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061624.D

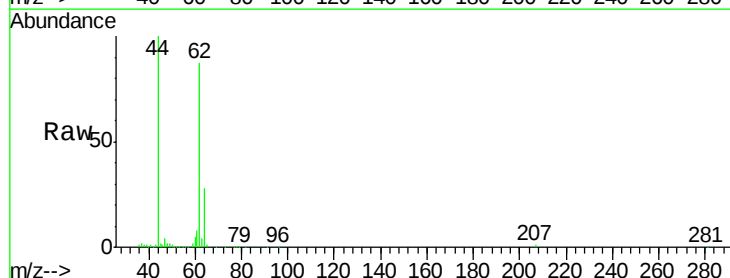
Acq: 2 Jun 2020 17:13

Tgt Ion: 62 Resp: 115308

Ion Ratio Lower Upper

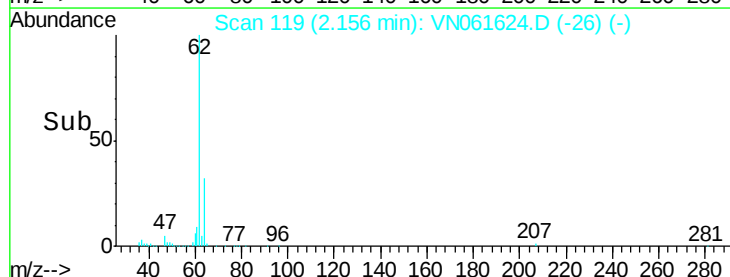
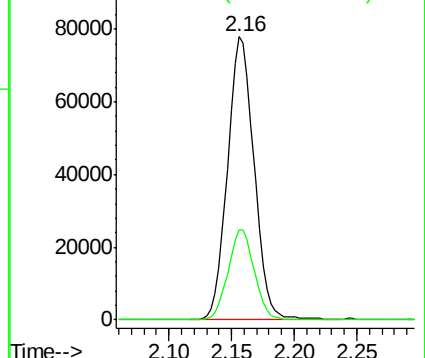
62 100

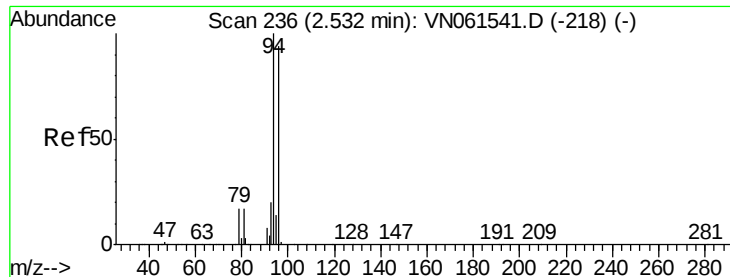
64 31.9 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.144 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

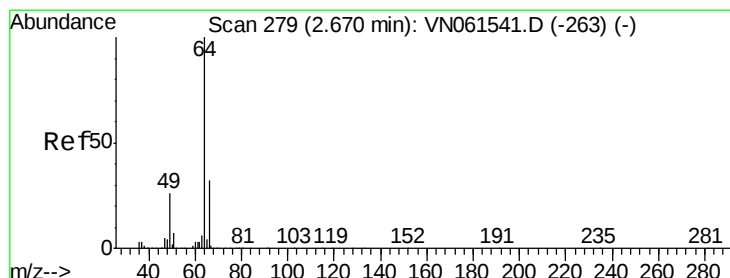
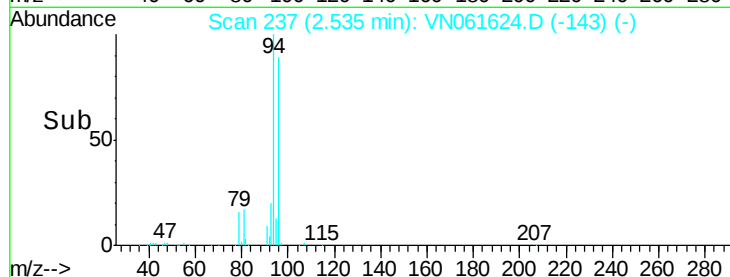
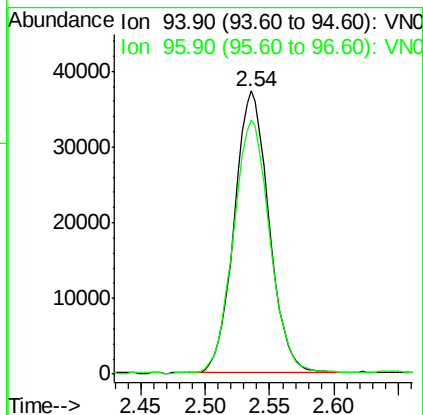
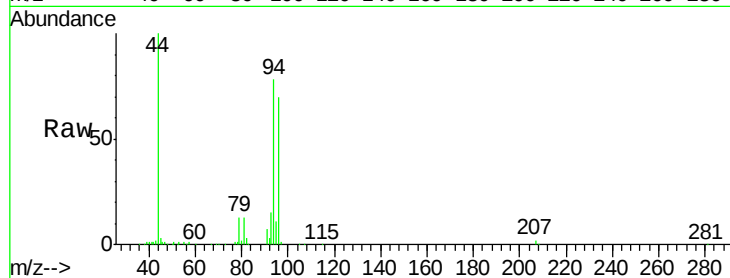
ClientSampleId :

Tot Ion: 94 Resp: 69655

Ion Ratio Lower Upper

94 100

96 89.7 74.8 112.2



#6

Chloroethane

Concen: 18.276 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061624.D

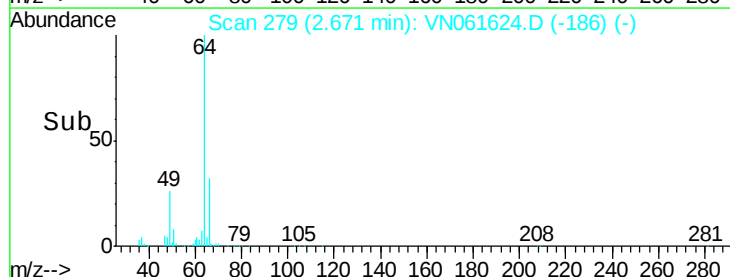
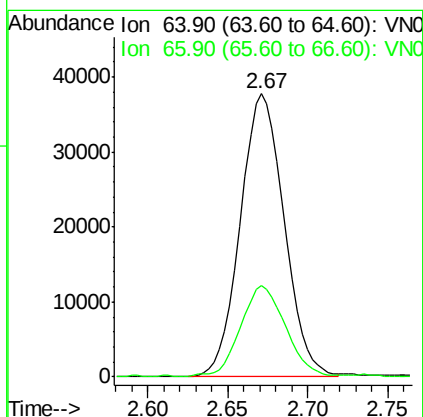
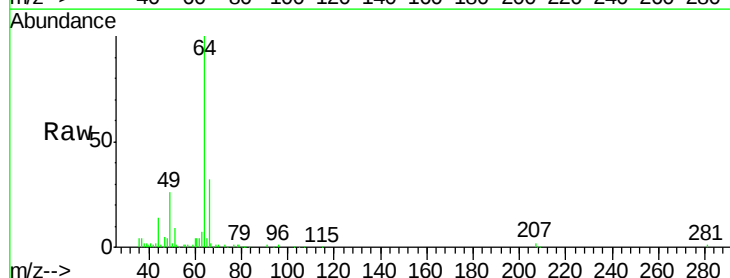
Acq: 2 Jun 2020 17:13

Tgt Ion: 64 Resp: 70888

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



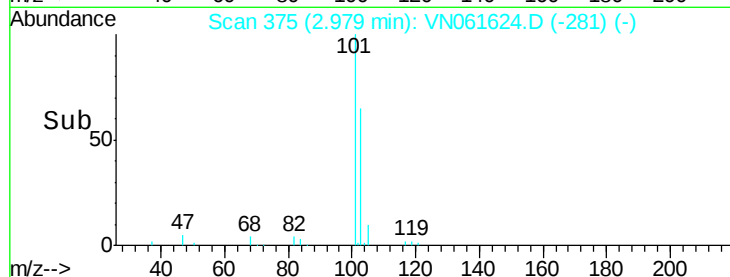
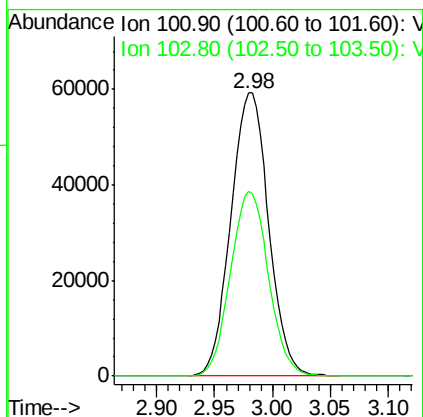
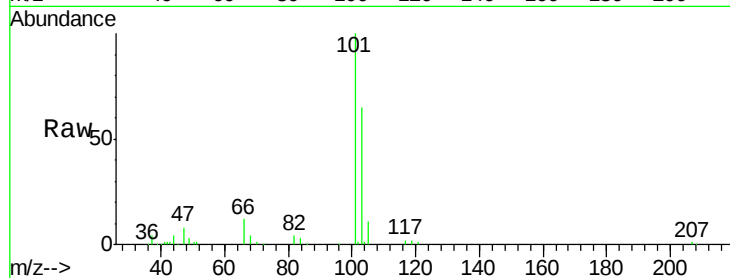


#7

Trichlorofluoromethane  
Concen: 17.244 ug/l  
RT: 2.98 min Scan# 375  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Instrument :  
MSVOA\_N  
ClientSampled :

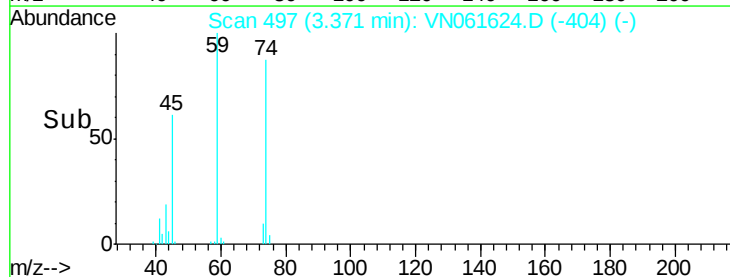
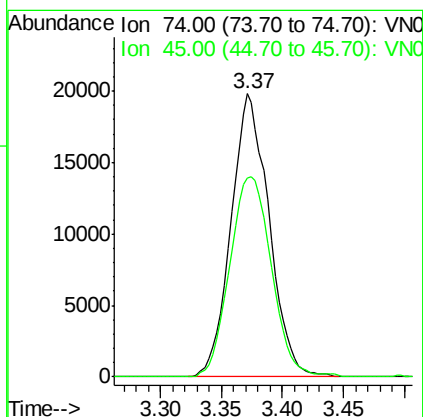
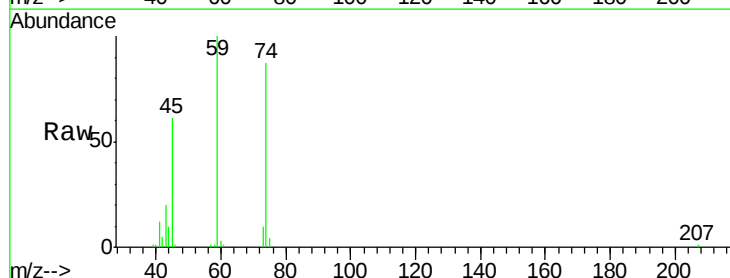
Tot Ion:101 Resp: 134002  
Ion Ratio Lower Upper  
101 100  
103 65.5 51.4 77.2

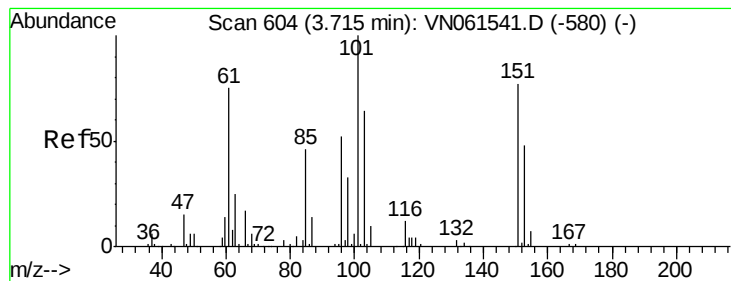


#8

Diethyl Ether  
Concen: 17.983 ug/l  
RT: 3.37 min Scan# 497  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 74 Resp: 42731  
Ion Ratio Lower Upper  
74 100  
45 77.7 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.187 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampled :

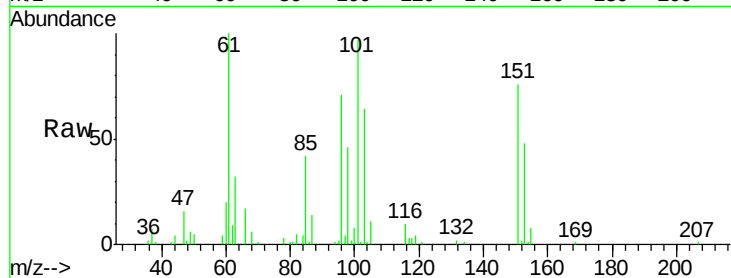
Tot Ion:101 Resp: 66162

Ion Ratio Lower Upper

101 100

85 43.2 35.2 52.8

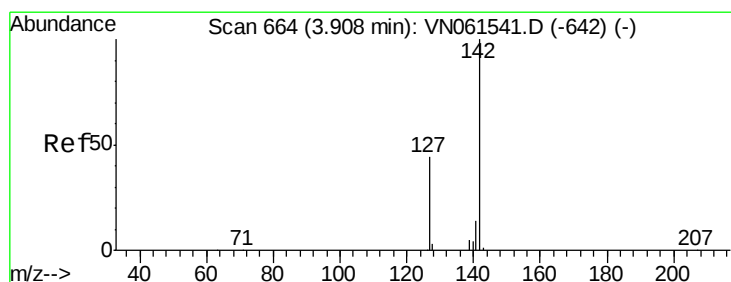
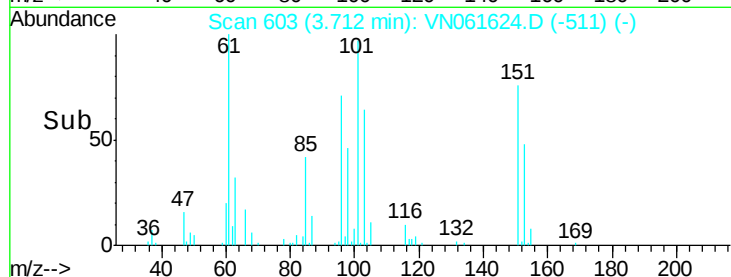
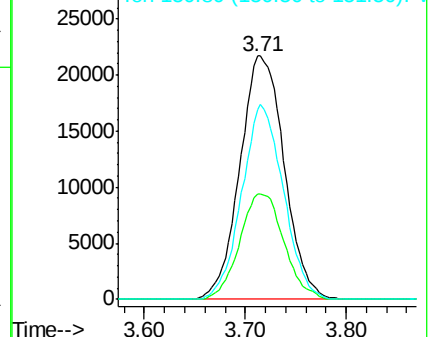
151 75.1 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.122 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

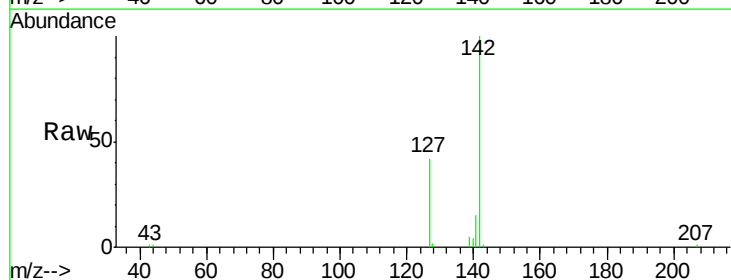
Tgt Ion:142 Resp: 91534

Ion Ratio Lower Upper

142 100

127 44.0 35.5 53.3

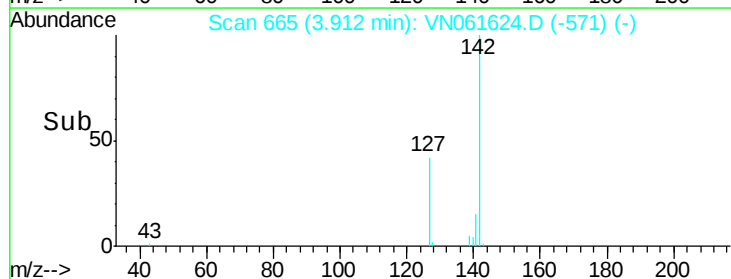
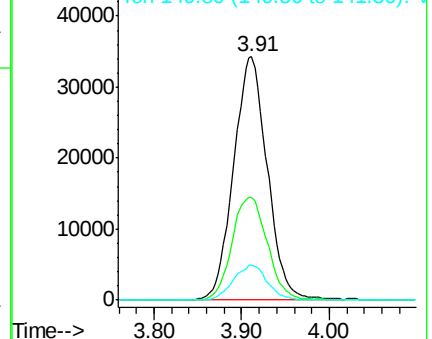
141 14.5 11.5 17.3



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



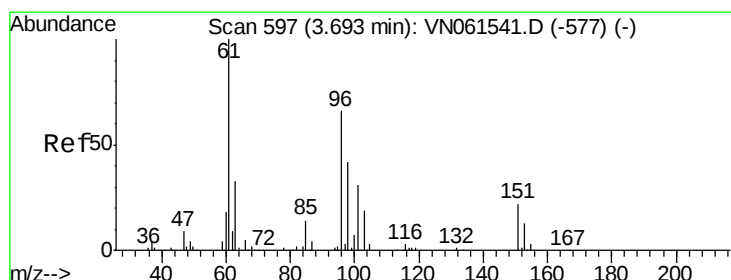
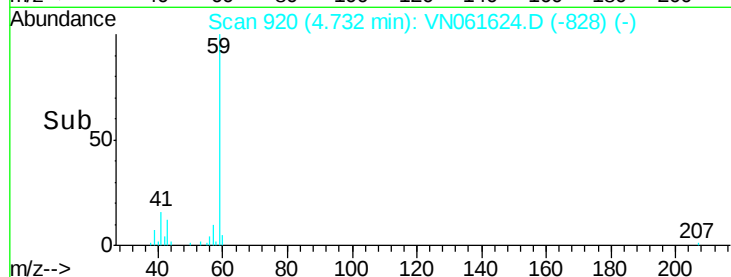
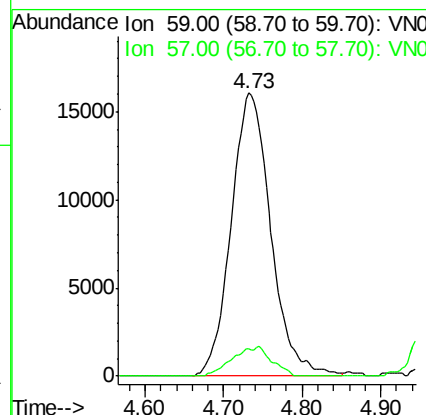
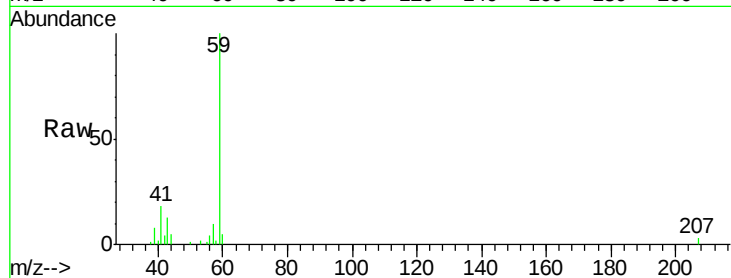


#11

Tert butyl alcohol  
Concen: 98.496 ug/l  
RT: 4.73 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Instrument :  
MSVOA\_N  
ClientSampleId :

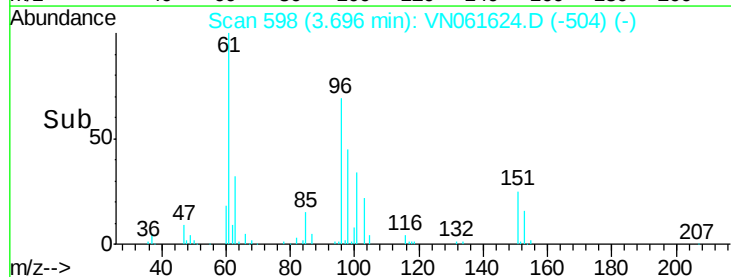
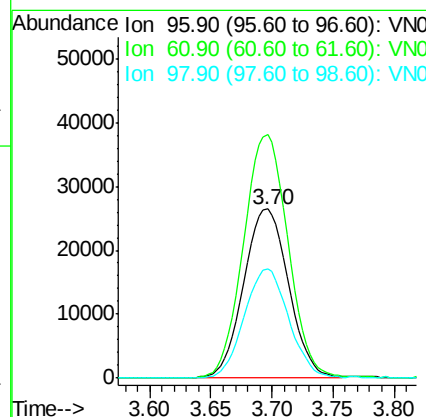
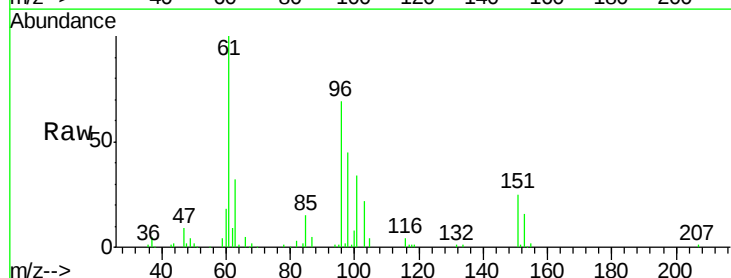
Tot Ion: 59 Resp: 56277  
Ion Ratio Lower Upper  
59 100  
57 5.3 8.4 12.6#

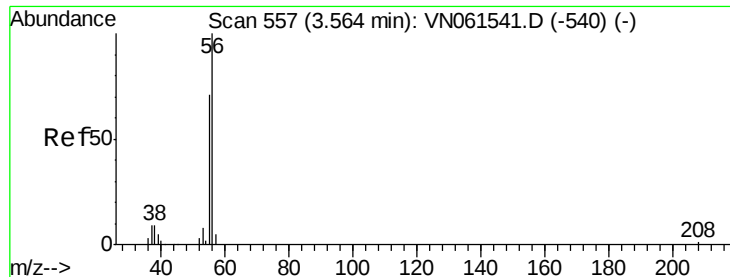


#12

1,1-Dichloroethene  
Concen: 18.370 ug/l  
RT: 3.70 min Scan# 598  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 96 Resp: 67676  
Ion Ratio Lower Upper  
96 100  
61 144.2 120.5 180.7  
98 65.1 50.8 76.2





#13

Acrolein

Concen: 97.218 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

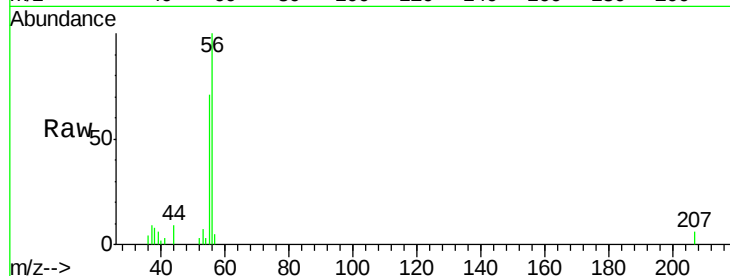
ClientSampled :

Tot Ion: 56 Resp: 19191

Ion Ratio Lower Upper

56 100

55 68.3 58.0 87.0

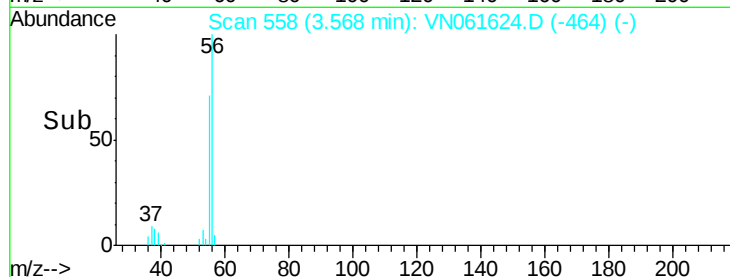


Abundance Ion 56.00 (55.70 to 56.70): VN061624.D (-540) (-)

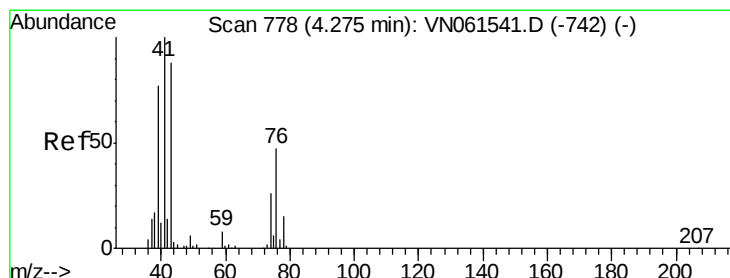
Ion 55.00 (54.70 to 55.70): VN061624.D (-540) (-)

3.57

Time-->



Time-->



#14

Allyl chloride

Concen: 17.529 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

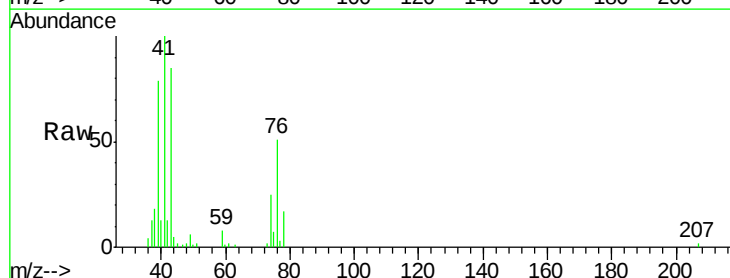
Tgt Ion: 41 Resp: 84428

Ion Ratio Lower Upper

41 100

39 74.6 58.6 88.0

76 46.0 34.2 51.4



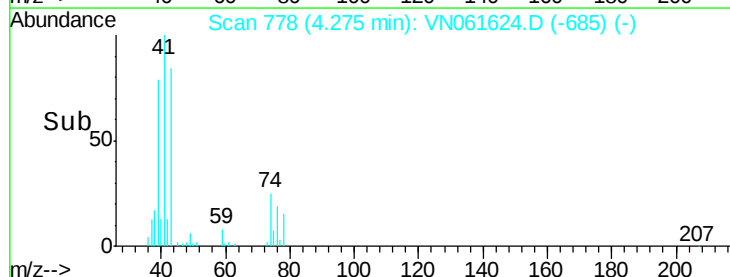
Abundance Ion 41.00 (40.70 to 41.70): VN061624.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061624.D (-685) (-)

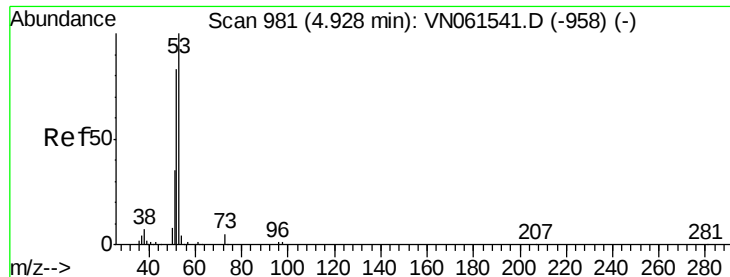
Ion 75.90 (75.60 to 76.60): VN061624.D (-685) (-)

4.27

Time-->



Time-->

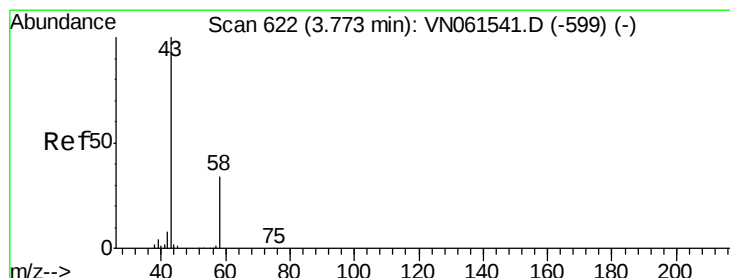
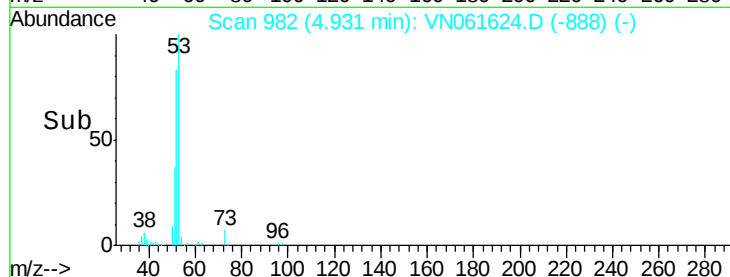
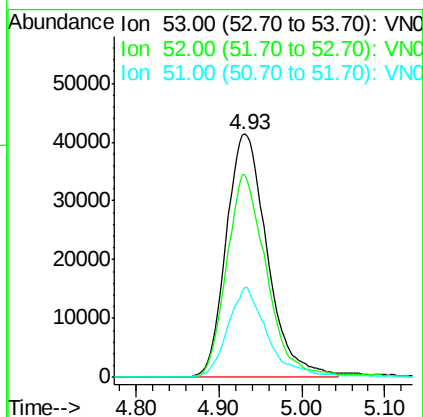
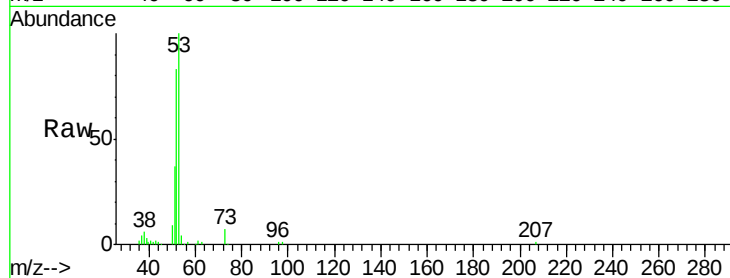


#15  
 Acrylonitrile  
 Concen: 89.206 ug/l  
 RT: 4.93 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 53 Resp: 142265  

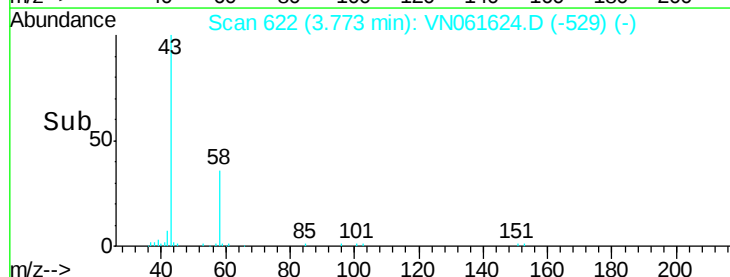
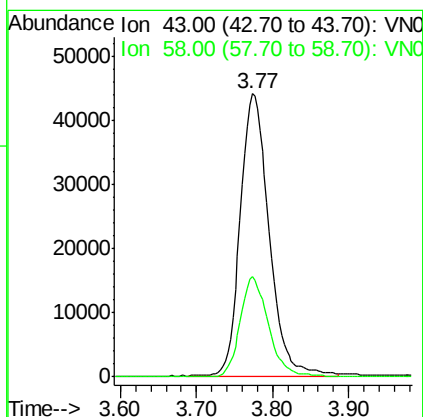
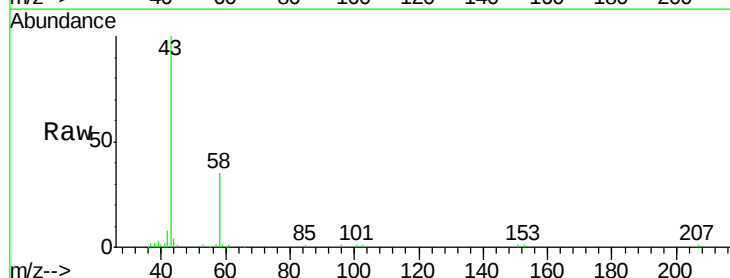
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 80.5  | 65.4  | 98.2  |
| 51  | 35.3  | 29.0  | 43.6  |

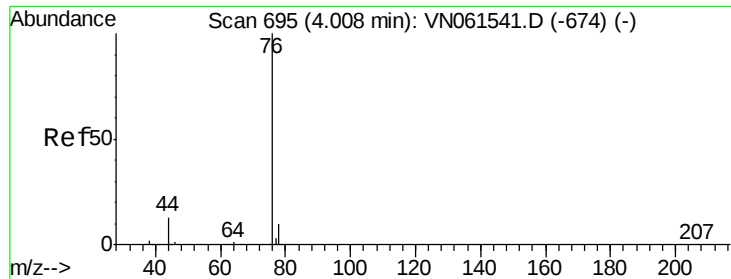


#16  
 Acetone  
 Concen: 94.016 ug/l  
 RT: 3.77 min Scan# 622  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion: 43 Resp: 115882  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 35.5  | 27.2  | 40.8  |

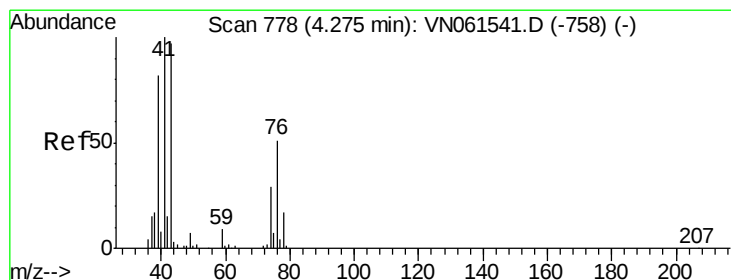
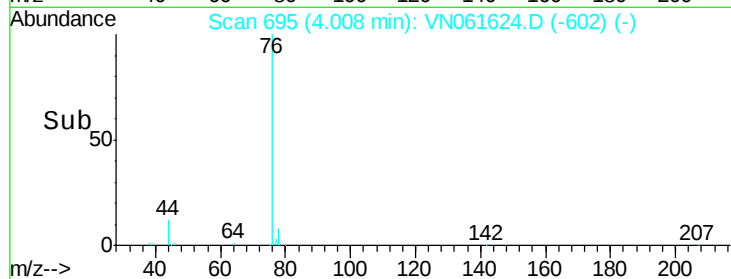
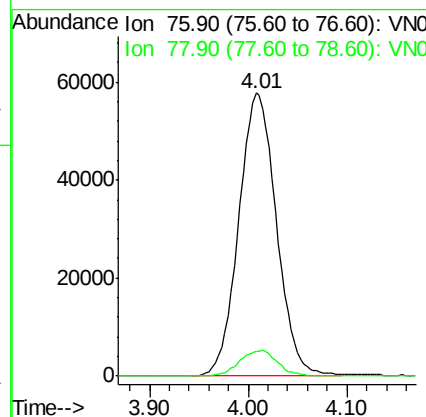
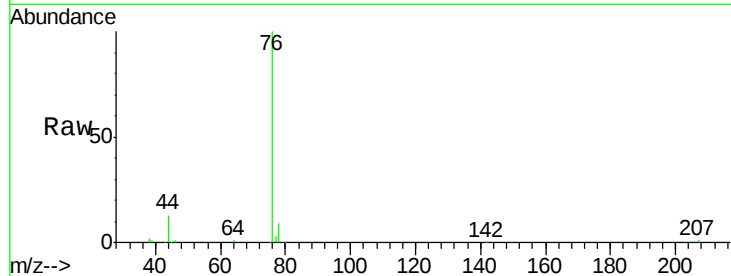




#17  
Carbon Disulfide  
Concen: 18.857 ug/l  
RT: 4.01 min Scan# 695  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

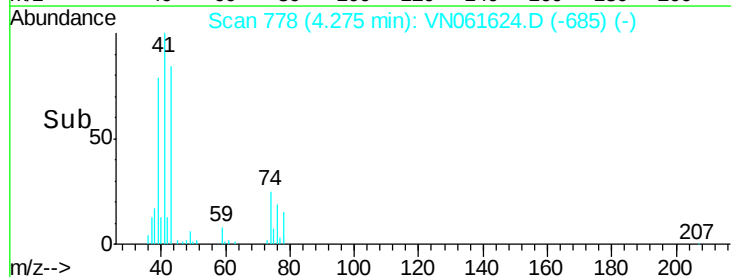
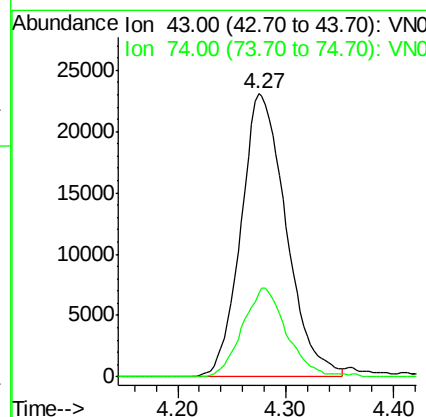
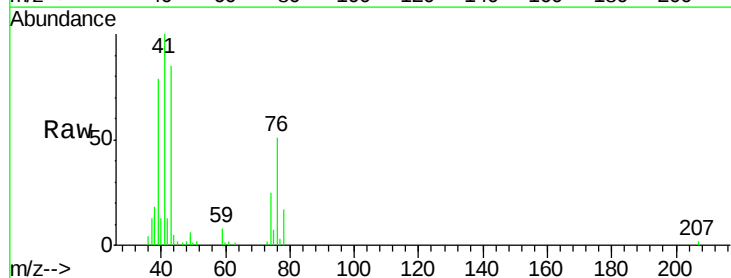
Instrument :  
MSVOA\_N  
ClientSampleId :

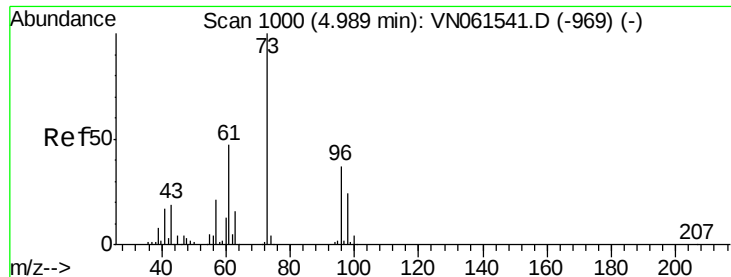
Tot Ion: 76 Resp: 152842  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.8 11.6



#18  
Methyl Acetate  
Concen: 17.288 ug/l  
RT: 4.27 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 43 Resp: 67226  
Ion Ratio Lower Upper  
43 100  
74 30.5 23.2 34.8

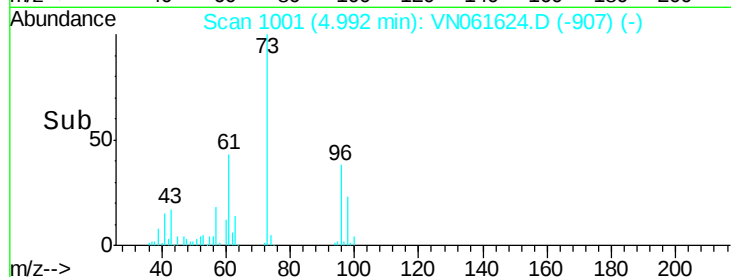
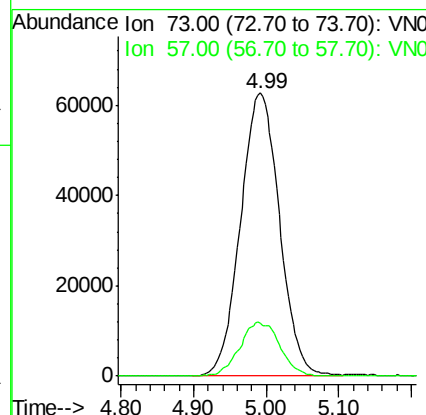
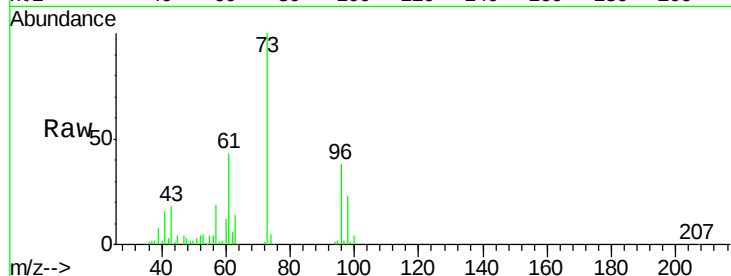




#19  
Methvl tert-butvl Ether  
Concen: 18.691 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

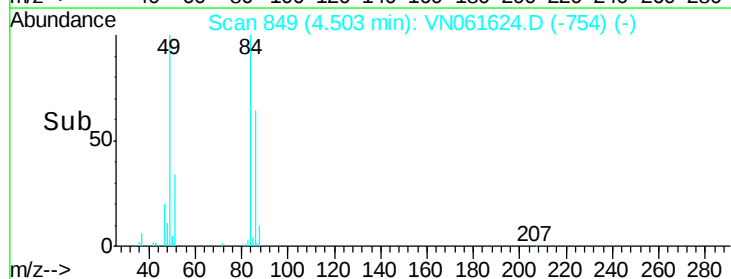
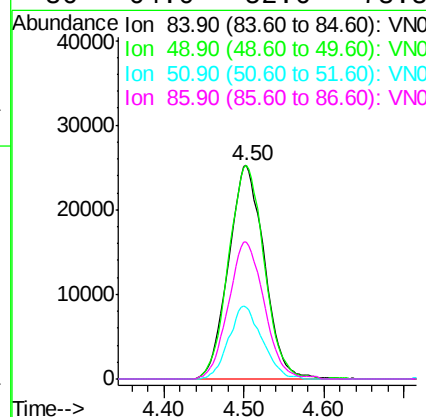
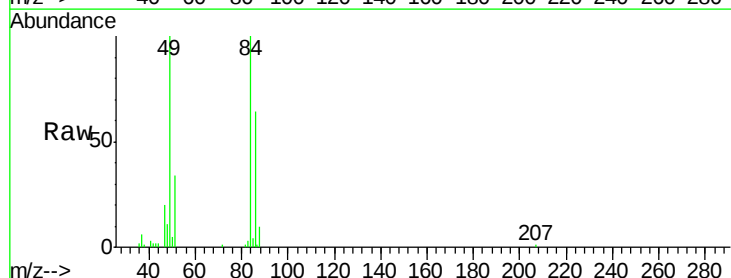
Instrument :  
MSVOA\_N  
ClientSampleId :

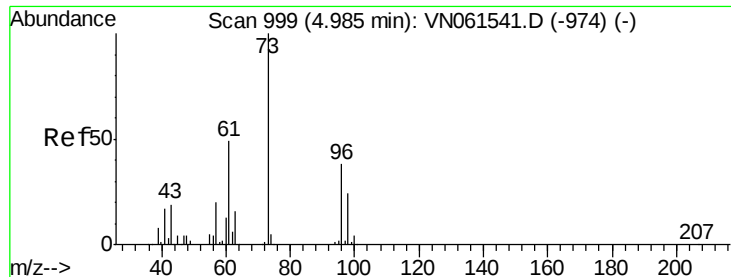
Tot Ion: 73 Resp: 234677  
Ion Ratio Lower Upper  
73 100  
57 18.8 16.4 24.6



#20  
Methylene Chloride  
Concen: 18.628 ug/l  
RT: 4.50 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 84 Resp: 76991  
Ion Ratio Lower Upper  
84 100  
49 100.1 85.8 128.8  
51 33.8 26.2 39.2  
86 64.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.433 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampleId :

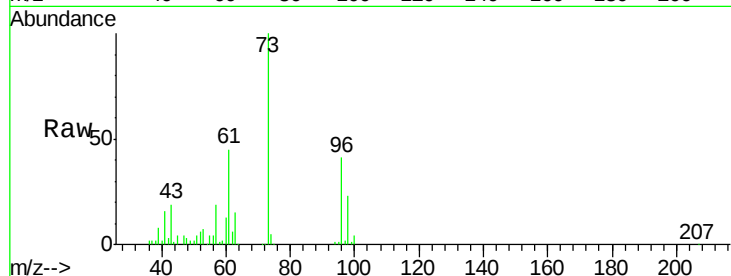
Tot Ion: 96 Resp: 76585

Ion Ratio Lower Upper

96 100

61 110.0 101.4 152.0

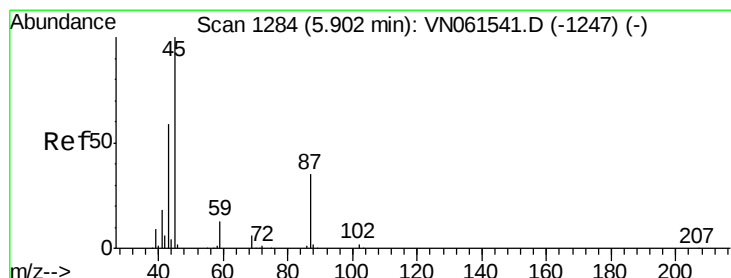
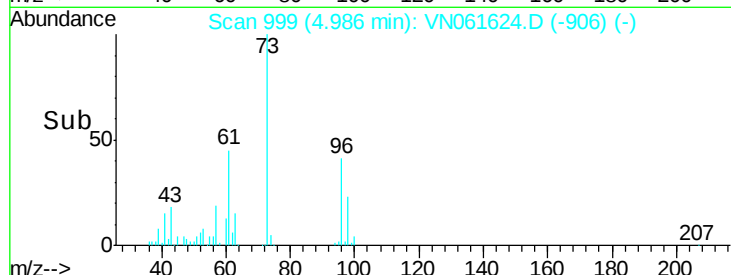
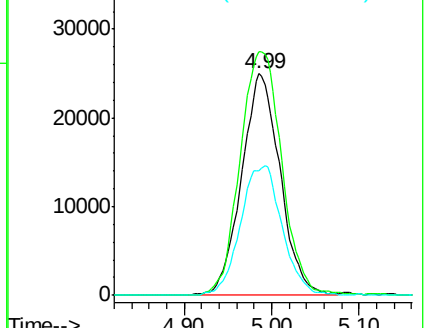
98 56.5 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061624.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061624.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061624.D (-906) (-)



#22

Diisopropyl ether

Concen: 18.485 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Tgt Ion: 45 Resp: 196229

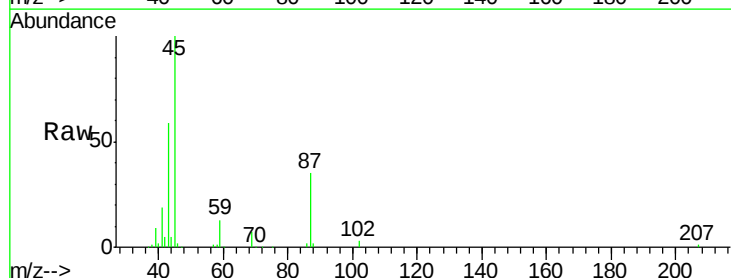
Ion Ratio Lower Upper

45 100

43 56.9 47.9 71.9

87 35.4 28.4 42.6

59 13.0 10.5 15.7

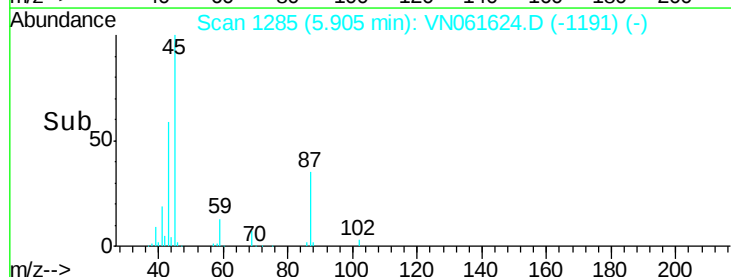
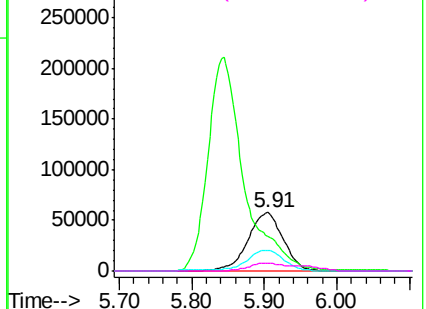


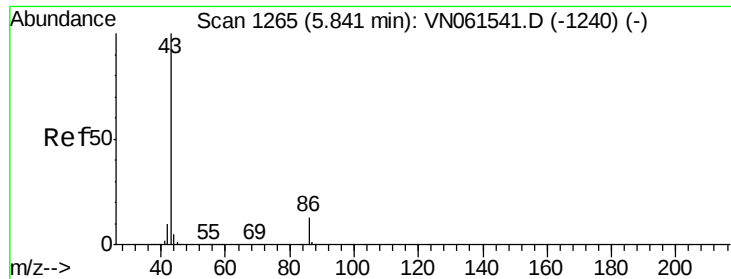
Abundance Ion 45.00 (44.70 to 45.70): VN061624.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061624.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061624.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061624.D (-1191) (-)





#23

Vinyl Acetate

Concen: 86.168 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

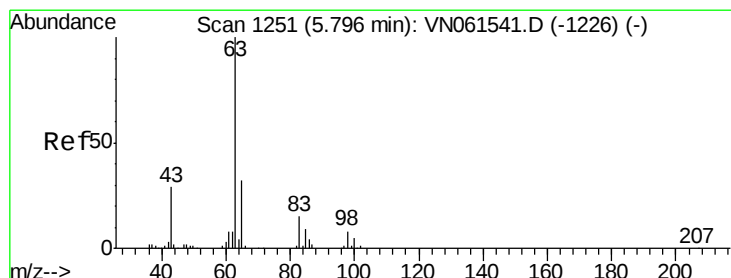
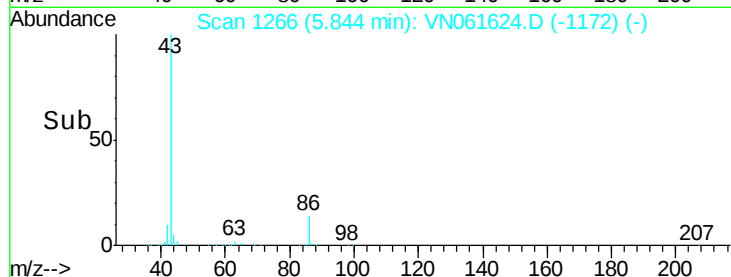
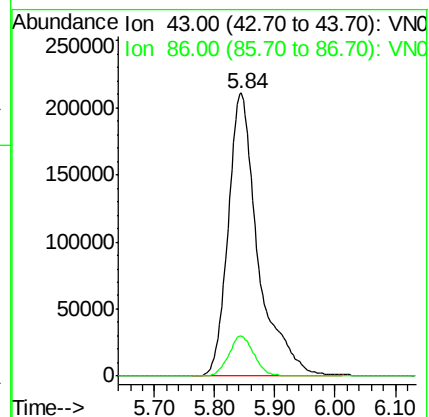
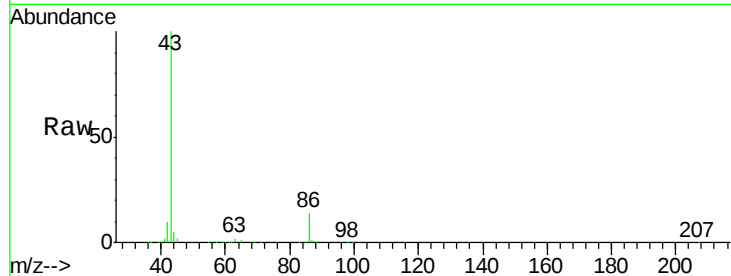
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 729049

Ion Ratio Lower Upper

43 100

86 14.1 10.6 16.0



#24

1,1-Dichloroethane

Concen: 18.425 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

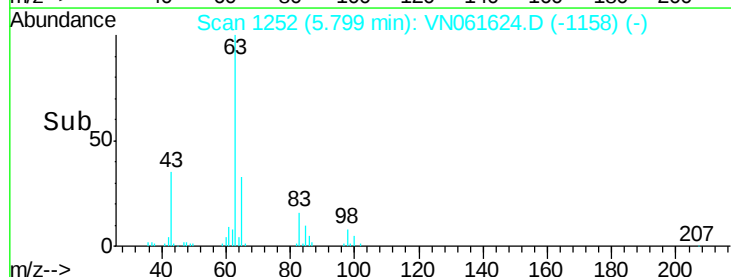
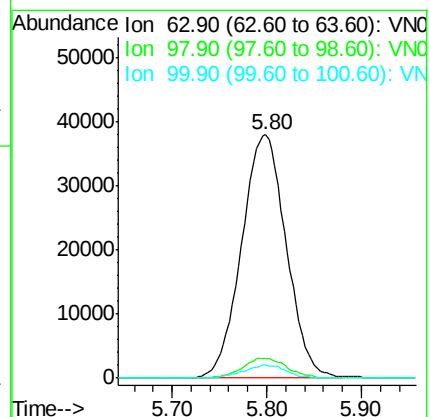
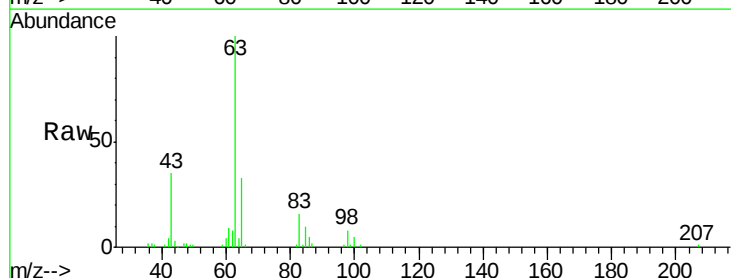
Tgt Ion: 63 Resp: 124026

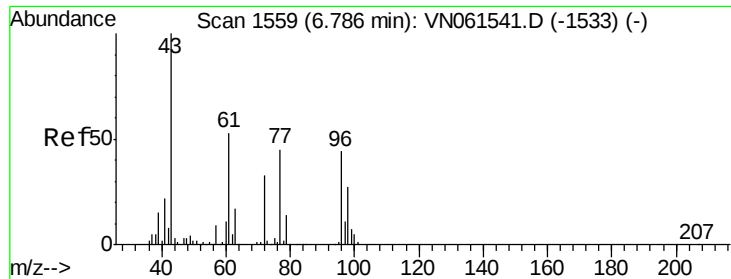
Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

100 5.2 2.5 7.6

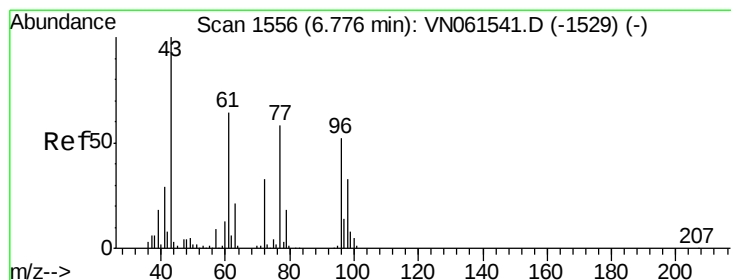
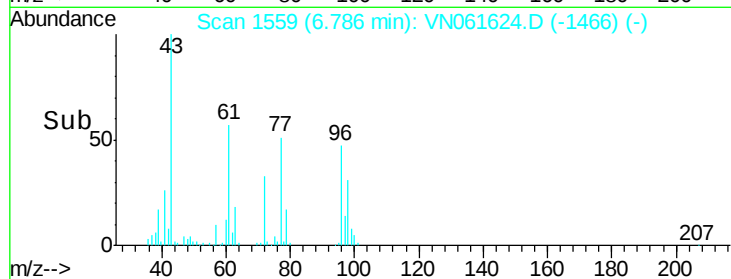
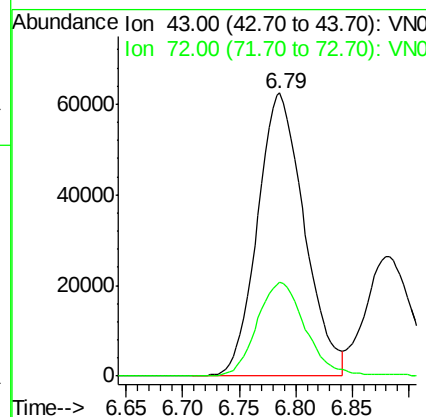
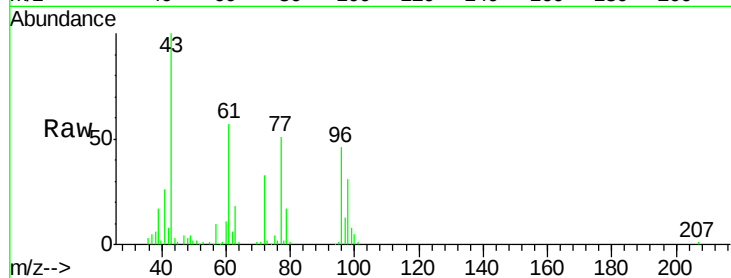




#25  
2-Butanone  
Concen: 88.126 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

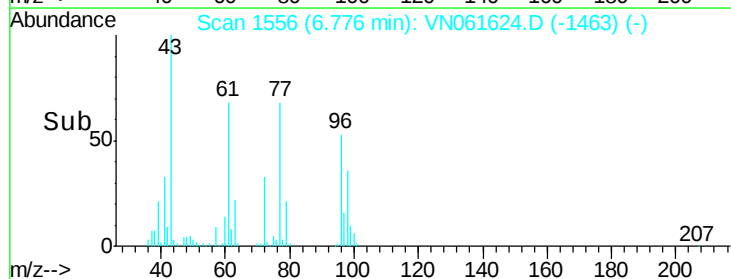
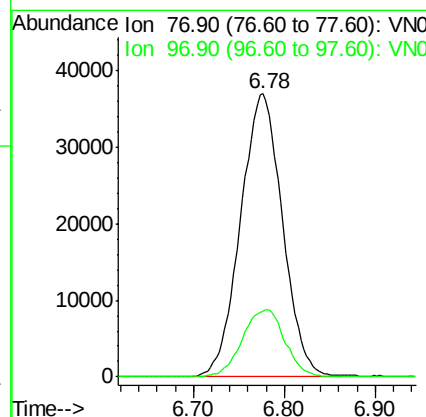
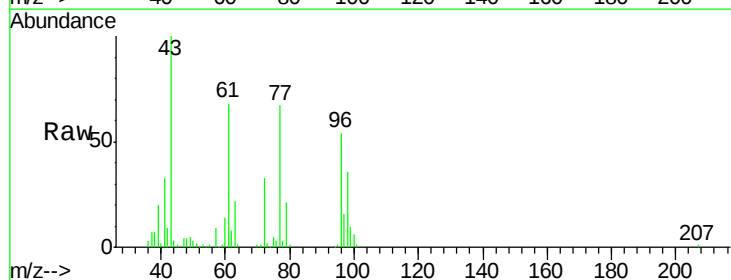
Instrument :  
MSVOA\_N  
ClientSampleId :

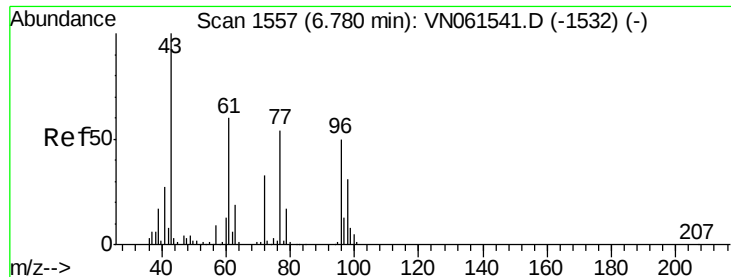
Tot Ion: 43 Resp: 179408  
Ion Ratio Lower Upper  
43 100  
72 33.1 26.0 39.0



#26  
2,2-Dichloropropane  
Concen: 19.241 ug/l  
RT: 6.78 min Scan# 1556  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 77 Resp: 118543  
Ion Ratio Lower Upper  
77 100  
97 23.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.216 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :  
MSVOA\_N  
ClientSampleId :

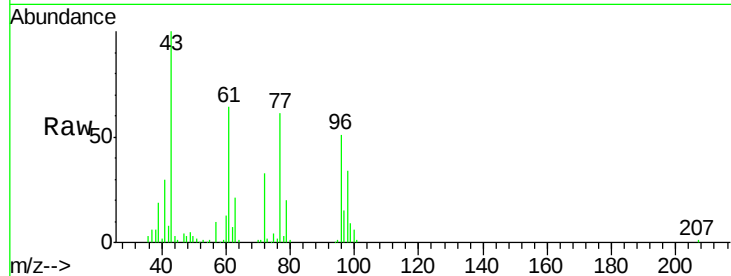
Tot Ion: 96 Resp: 90405

Ion Ratio Lower Upper

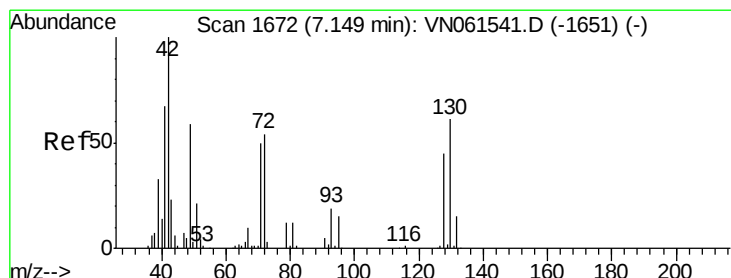
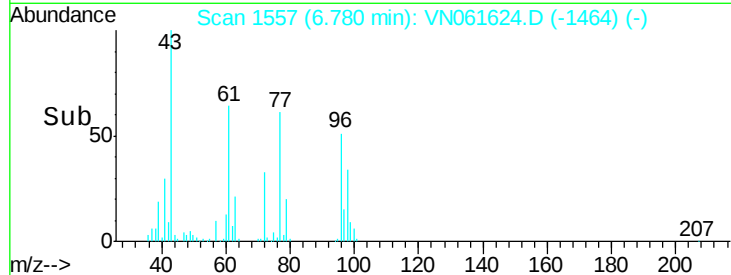
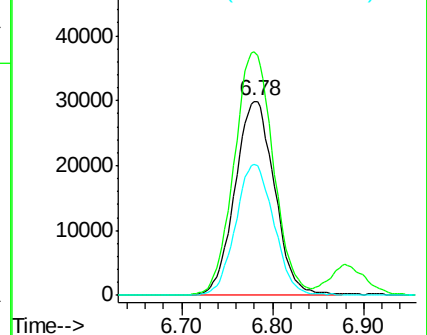
96 100

61 124.2 0.0 252.2

98 65.2 0.0 129.2



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



#28

Bromochloromethane

Concen: 18.324 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

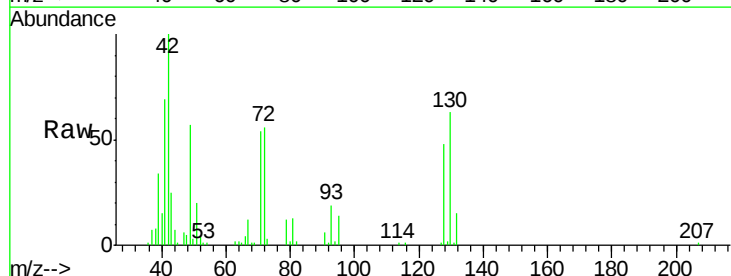
Tgt Ion: 49 Resp: 48539

Ion Ratio Lower Upper

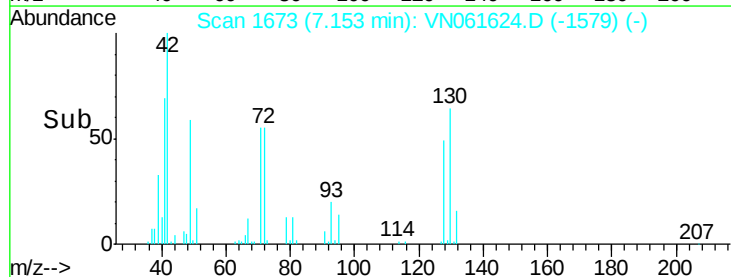
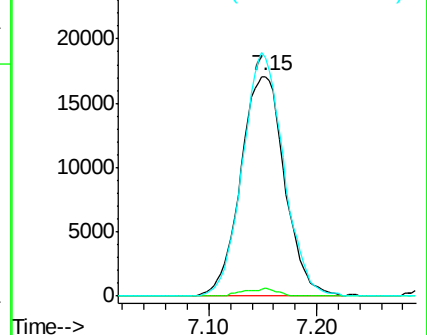
49 100

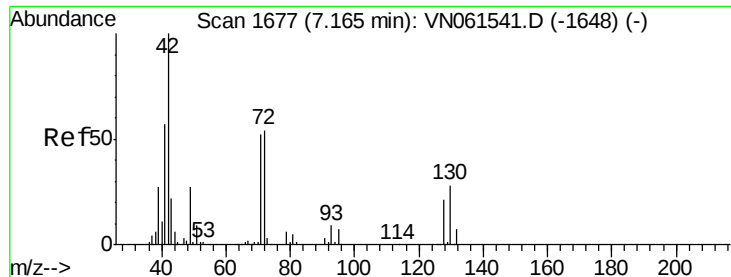
129 1.3 0.0 4.8

130 103.5 78.8 118.2



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

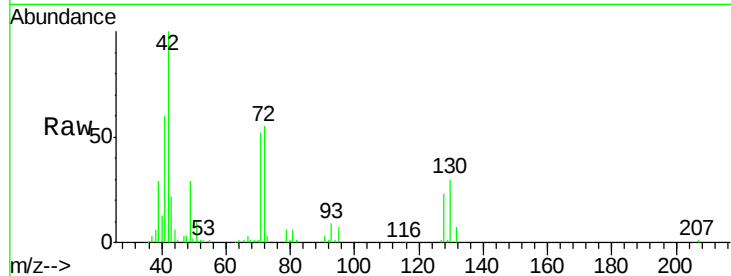




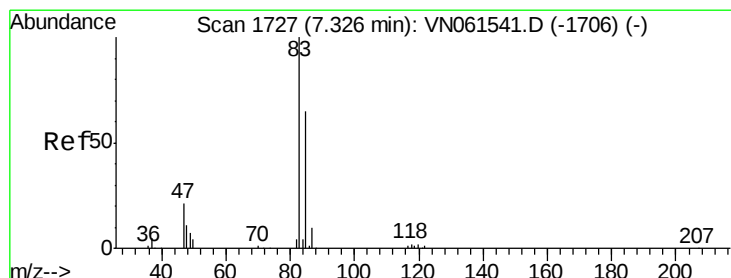
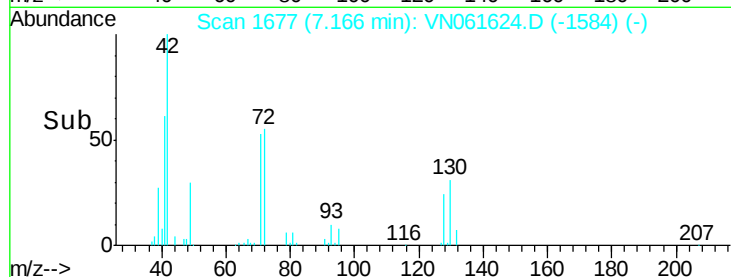
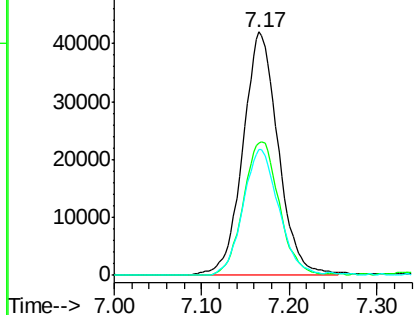
#29  
Tetrahydrofuran  
Concen: 87.468 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 42 Resp: 117421  
Ion Ratio Lower Upper  
42 100  
72 55.5 43.6 65.4  
71 52.5 41.2 61.8

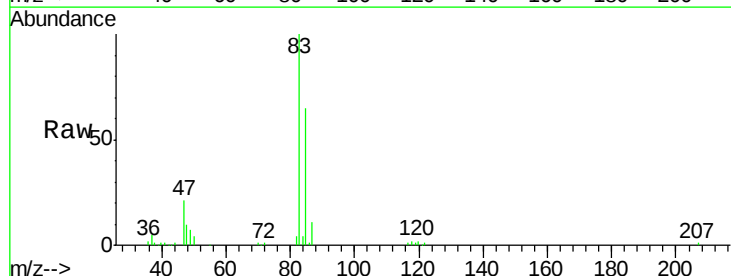


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

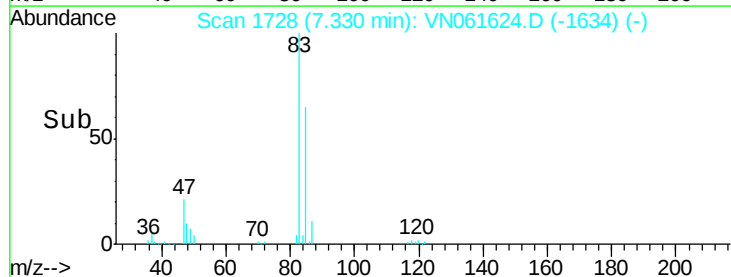
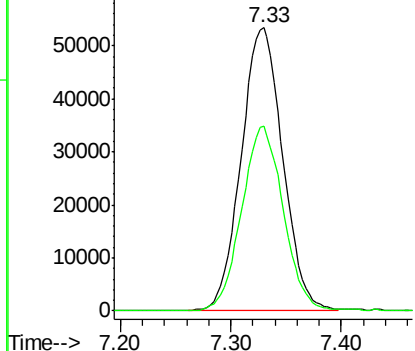


#30  
Chloroform  
Concen: 18.729 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 83 Resp: 139480  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.300 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampleId :

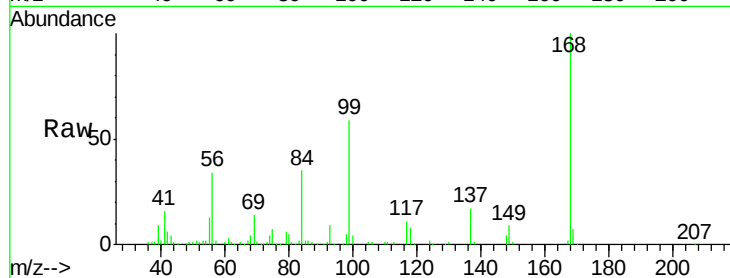
Tot Ion: 56 Resp: 110789

Ion Ratio Lower Upper

56 100

69 42.3 27.8 41.8#

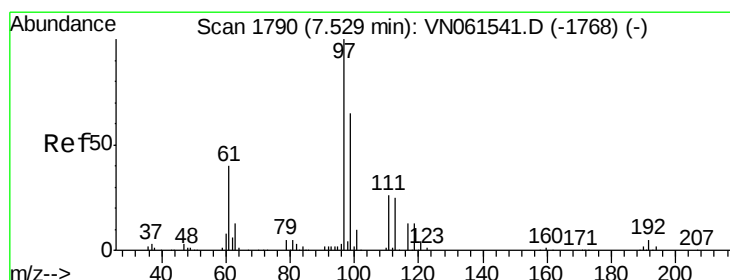
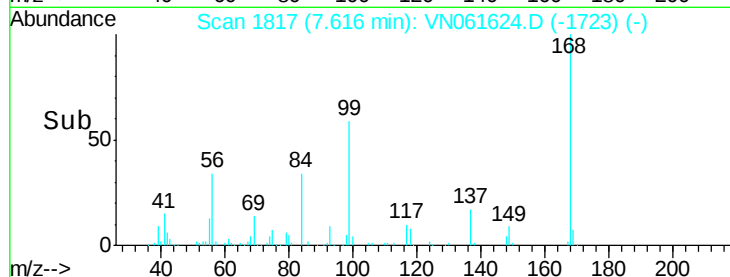
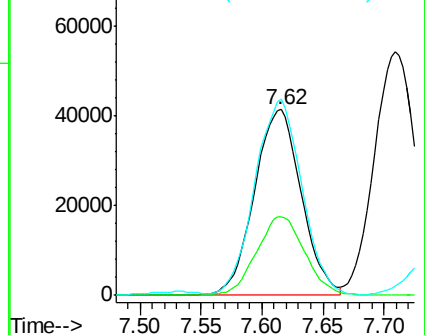
84 103.8 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061624.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061624.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061624.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 19.015 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

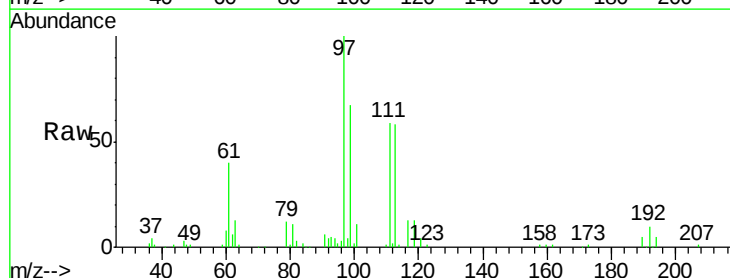
Tgt Ion: 97 Resp: 129033

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

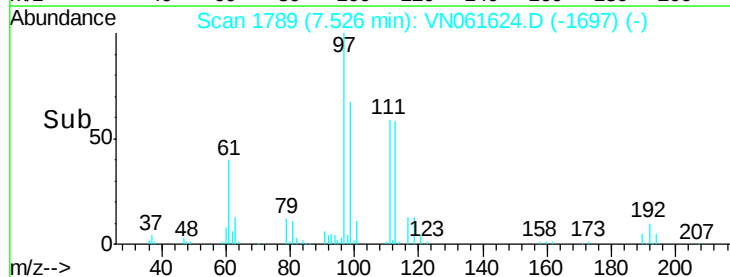
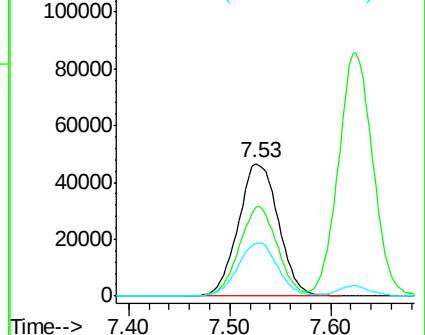
61 39.8 31.4 47.0

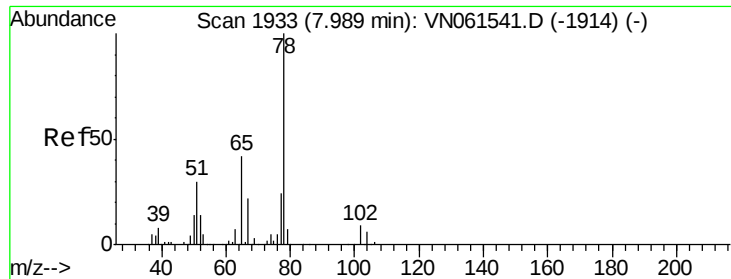


Abundance Ion 96.90 (96.60 to 97.60): VN061624.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061624.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061624.D (-1697) (-)

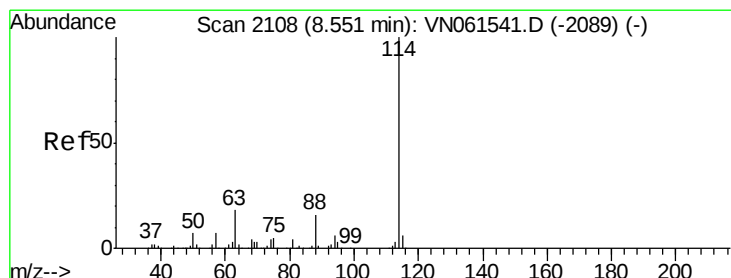
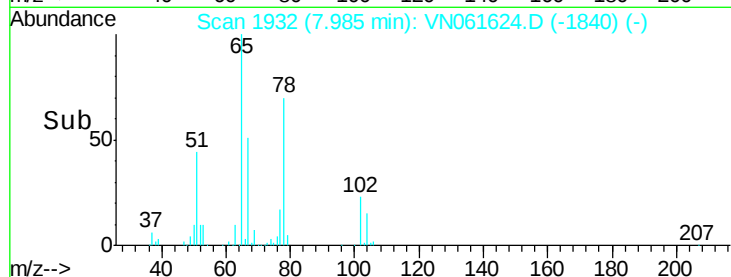
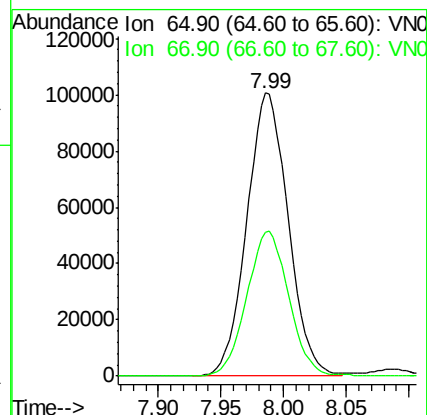
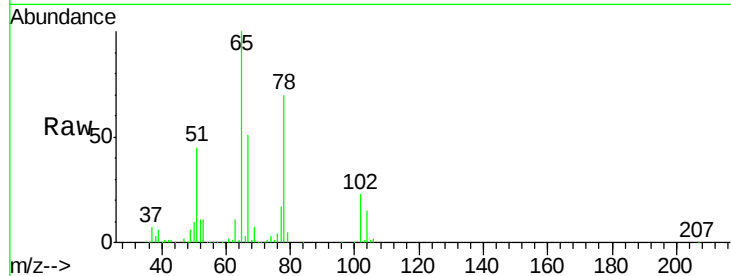




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.760 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

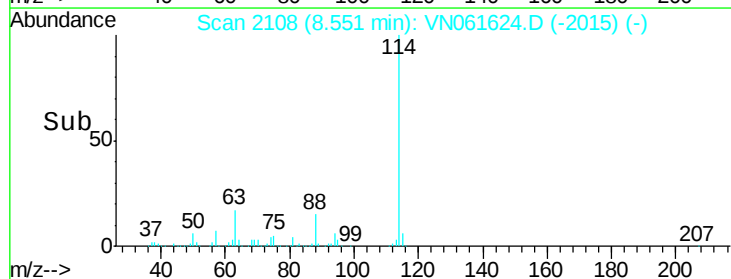
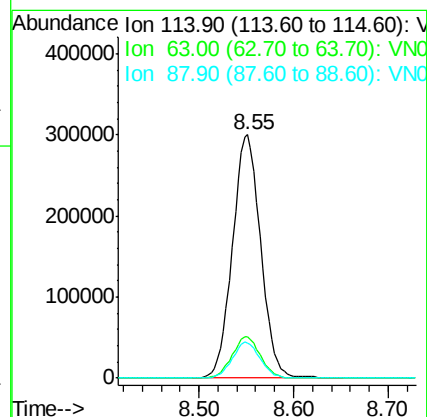
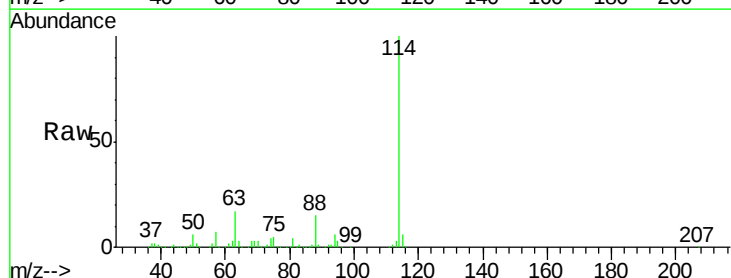
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 65 Resp: 230933  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion: 114 Resp: 621915  
 Ion Ratio Lower Upper  
 114 100  
 63 16.9 0.0 35.8  
 88 14.6 0.0 31.0

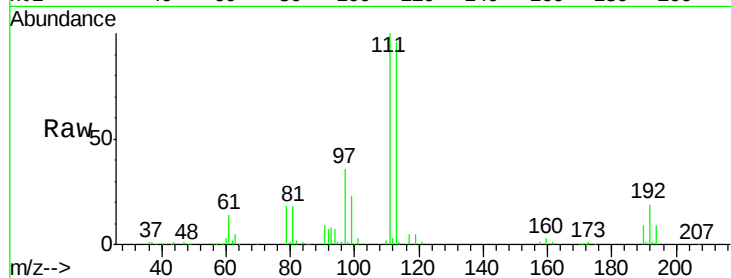




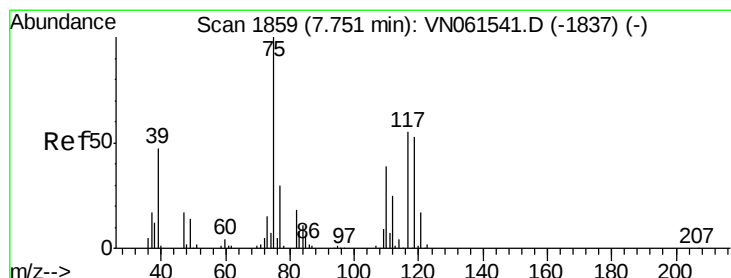
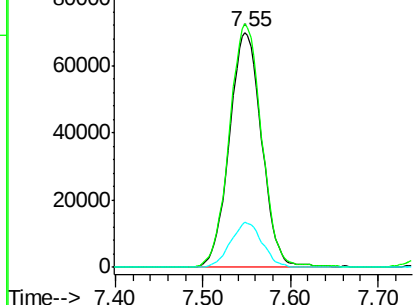
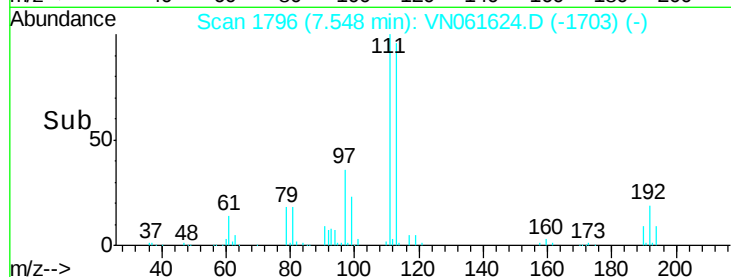
#35  
 Dibromofluoromethane  
 Concen: 56.777 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:113 Resp: 179122  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 83.4 125.0  
 192 18.8 15.4 23.2

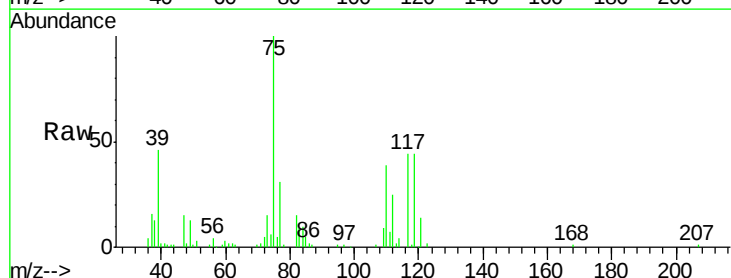


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

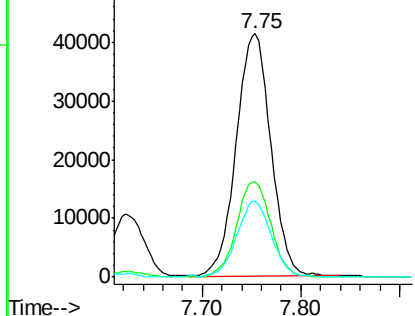
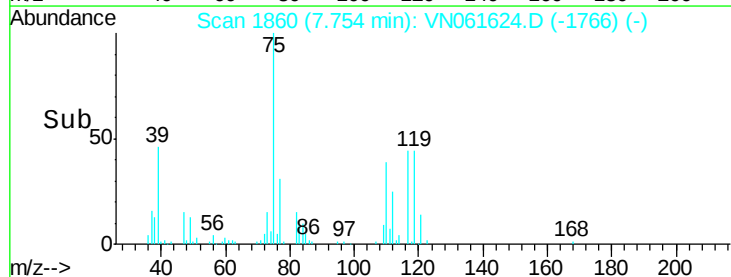


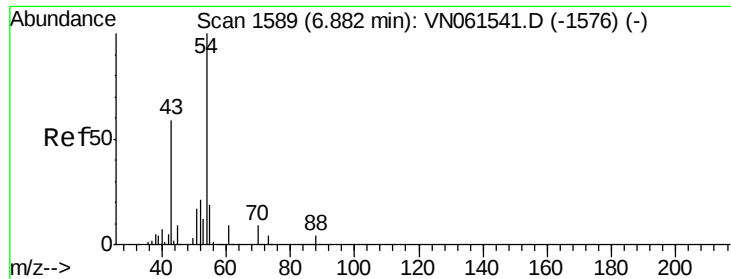
#36  
 1,1-Dichloropropene  
 Concen: 18.306 ug/l  
 RT: 7.75 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion: 75 Resp: 100783  
 Ion Ratio Lower Upper  
 75 100  
 110 38.7 19.5 58.5  
 77 31.3 24.7 37.1



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

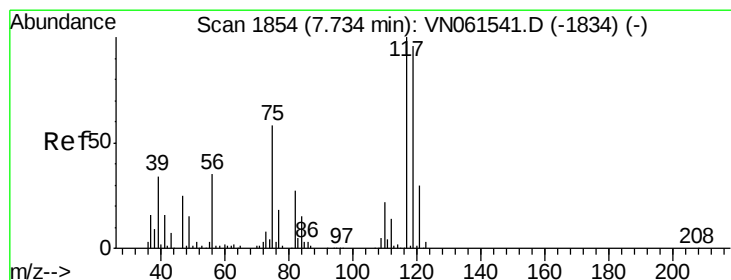
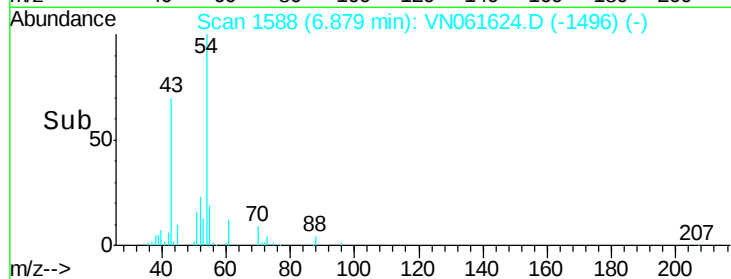
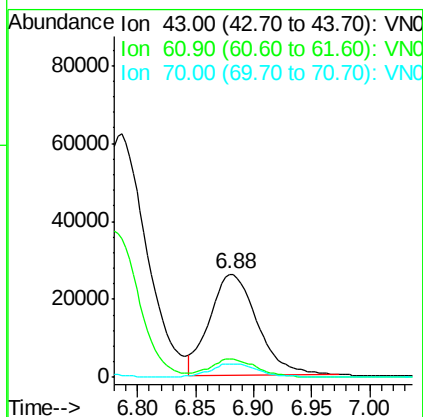
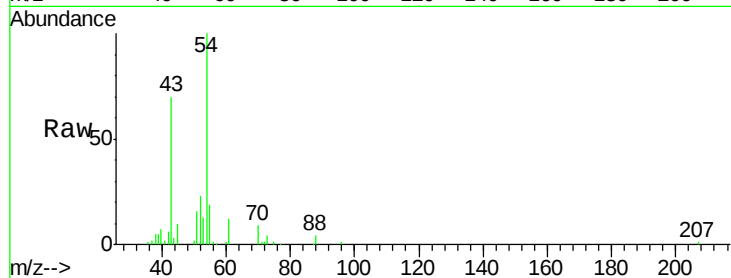




#37  
Ethyl Acetate  
Concen: 16.842 ug/l  
RT: 6.88 min Scan# 1588  
Delta R.T. -0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

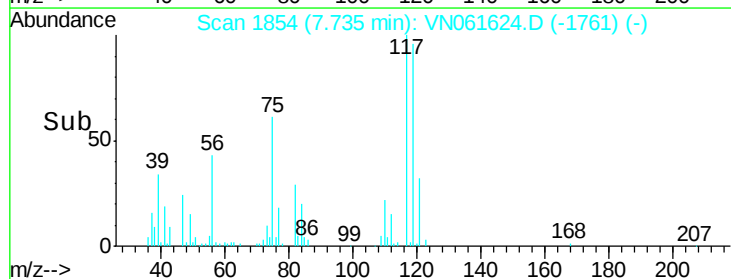
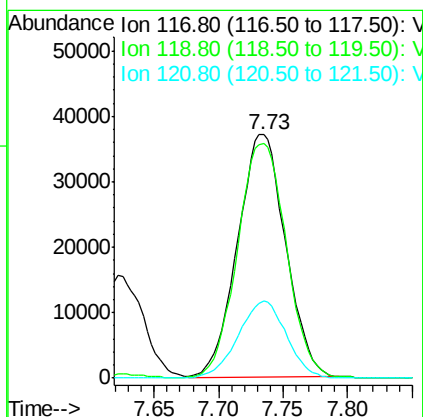
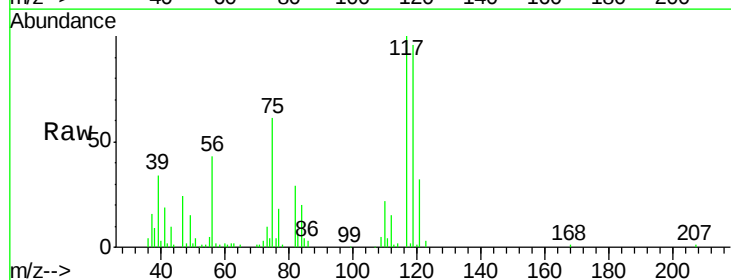
Instrument :  
MSVOA\_N  
ClientSampleId :

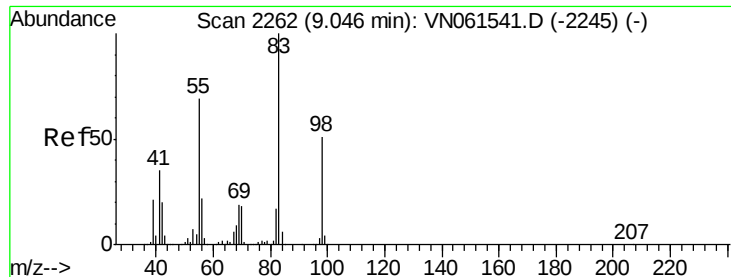
Tot Ion: 43 Resp: 74684  
Ion Ratio Lower Upper  
43 100  
61 17.8 12.2 18.4  
70 13.6 9.4 14.2



#38  
Carbon Tetrachloride  
Concen: 18.130 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 117 Resp: 96279  
Ion Ratio Lower Upper  
117 100  
119 96.4 76.5 114.7  
121 31.7 24.1 36.1

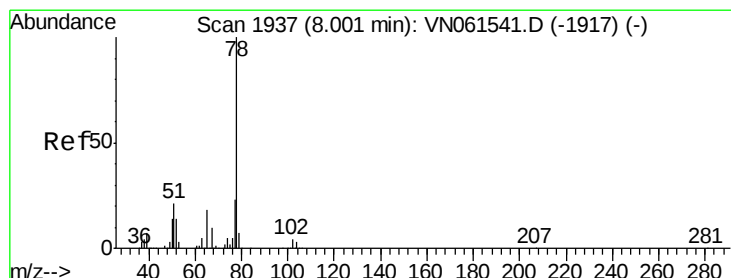
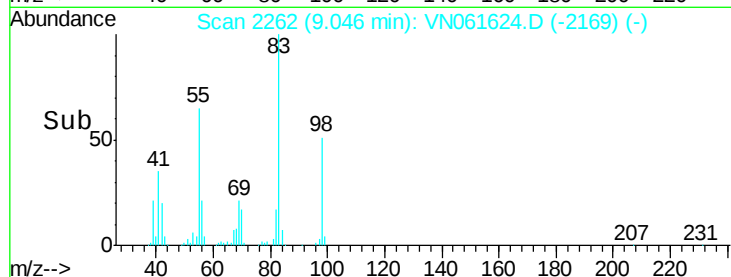
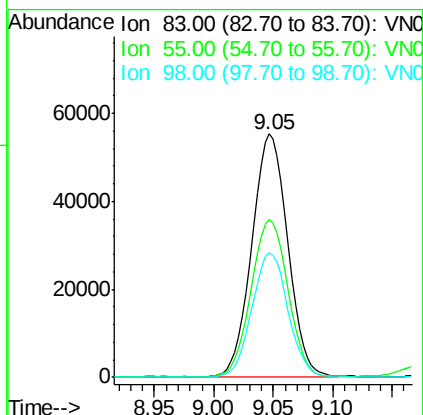
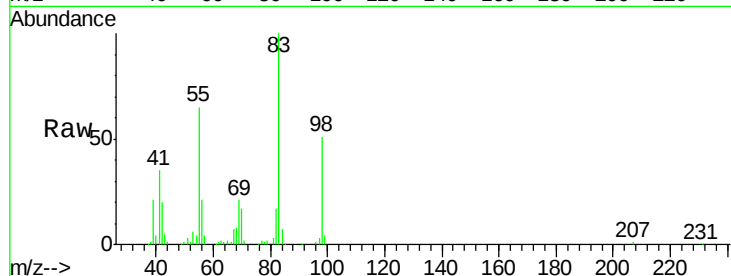




#39  
Methvlcvclohexane  
Concen: 17.161 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

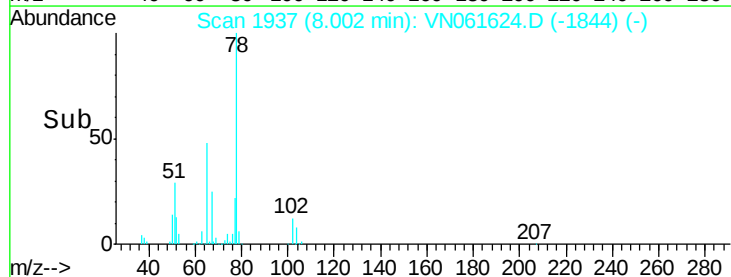
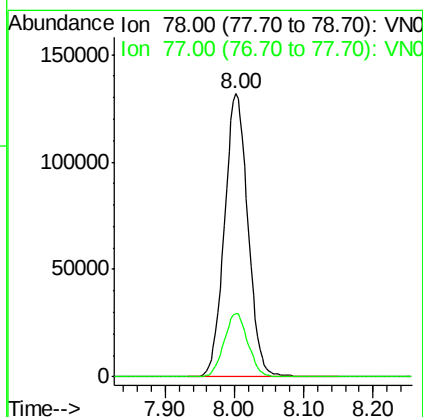
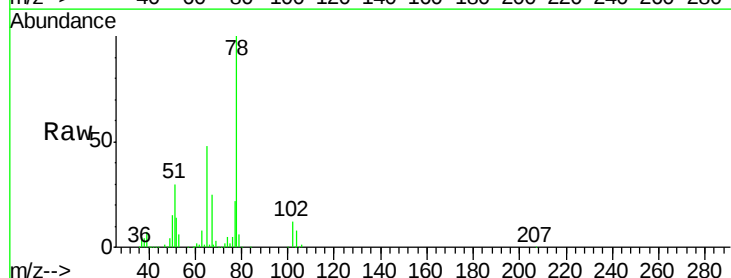
Instrument :  
MSVOA\_N  
ClientSampled :

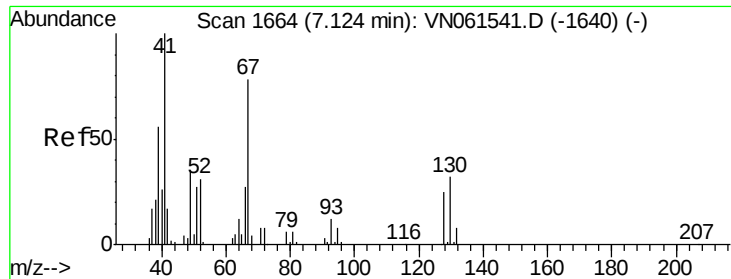
Tot Ion: 83 Resp: 116453  
Ion Ratio Lower Upper  
83 100  
55 64.5 54.9 82.3  
98 51.2 41.0 61.4



#40  
Benzene  
Concen: 18.411 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 78 Resp: 312750  
Ion Ratio Lower Upper  
78 100  
77 22.4 18.6 28.0

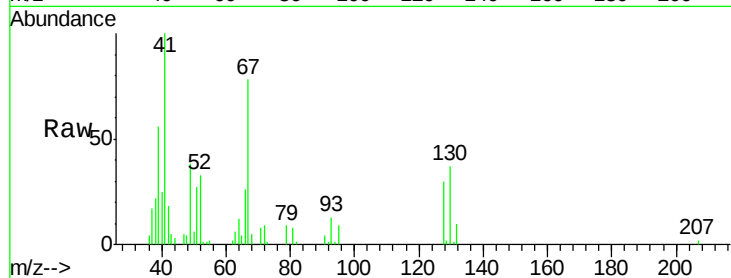




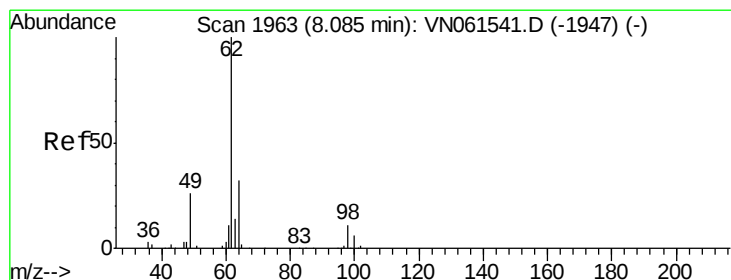
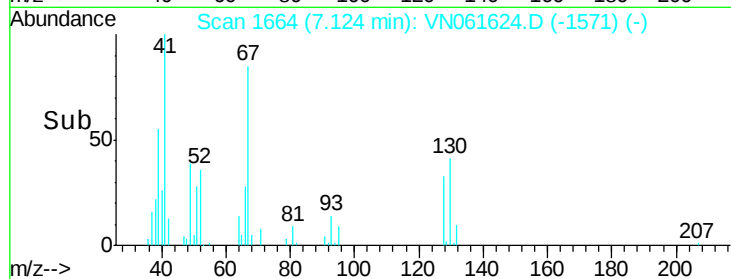
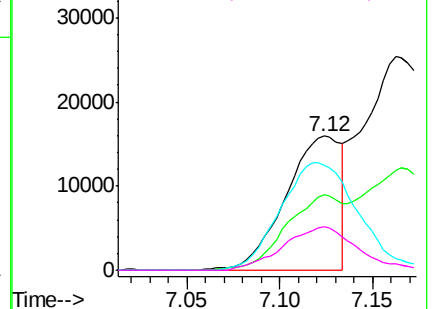
#41  
Methacrylonitrile  
Concen: 16.367 ug/l  
RT: 7.12 min Scan# 1664  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 33253  
Ion Ratio Lower Upper  
41 100  
39 59.4 53.8 80.6  
67 113.3 91.1 136.7  
52 42.9 36.0 54.0

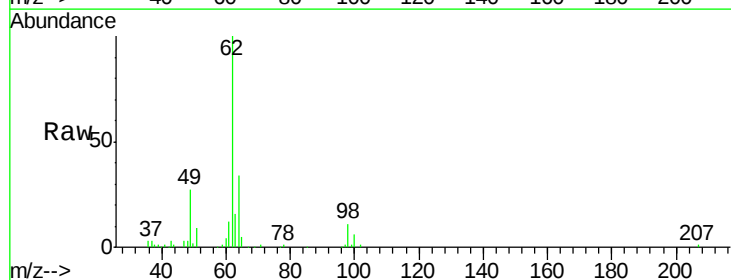


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

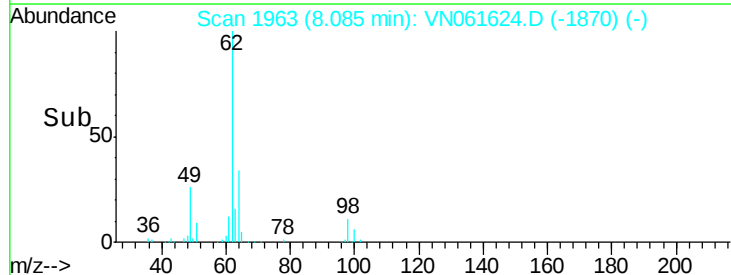
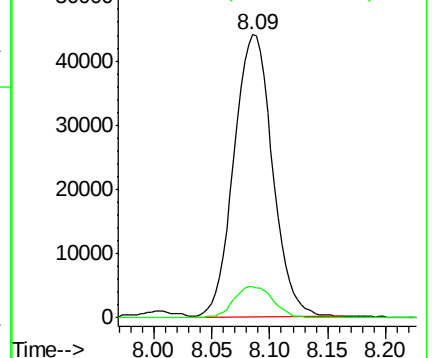


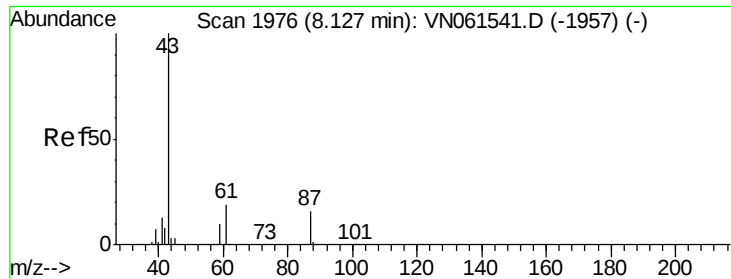
#42  
1,2-Dichloroethane  
Concen: 17.915 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 62 Resp: 101886  
Ion Ratio Lower Upper  
62 100  
98 11.2 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VNC  
Ion 97.90 (97.60 to 98.60): VNC

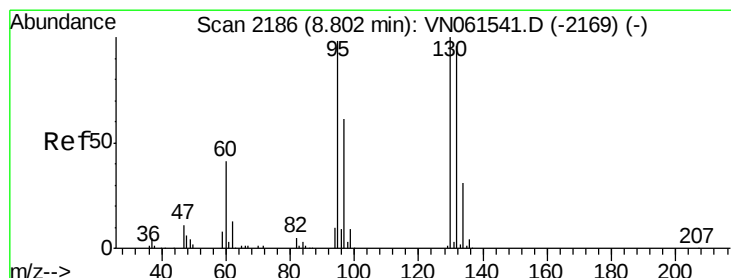
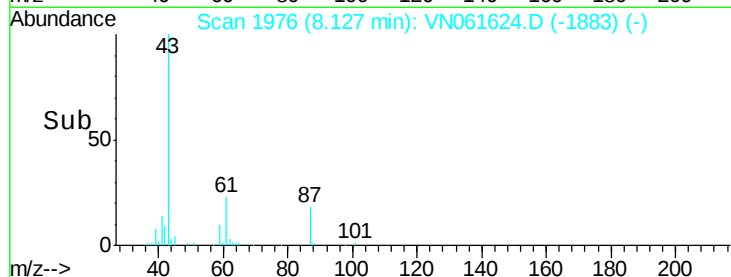
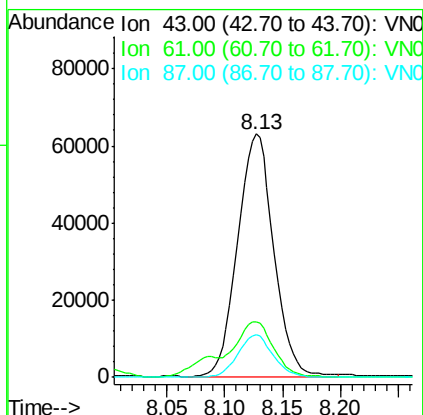
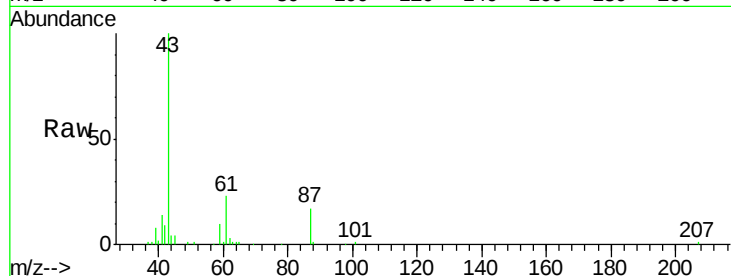




#43  
Isopropyl Acetate  
Concen: 17.072 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

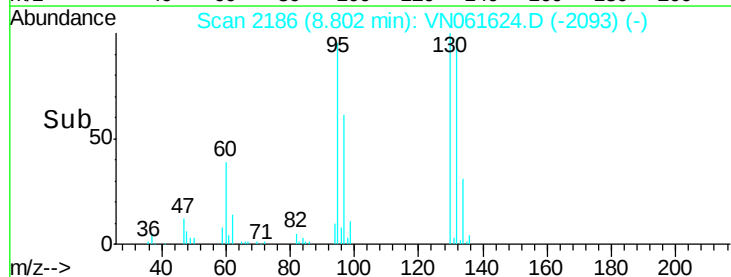
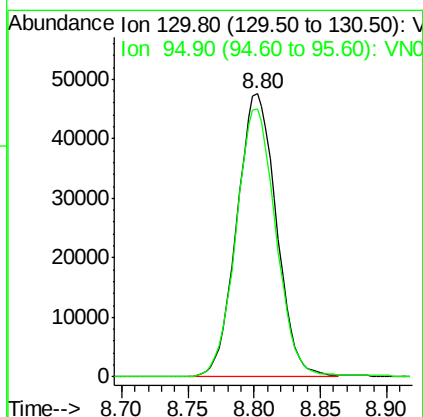
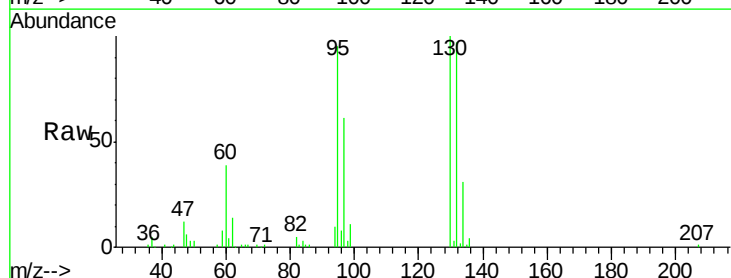
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 136196  
Ion Ratio Lower Upper  
43 100  
61 23.9 23.6 35.4  
87 17.1 13.0 19.6



#44  
Trichloroethene  
Concen: 18.917 ug/l  
RT: 8.80 min Scan# 2186  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion:130 Resp: 98760  
Ion Ratio Lower Upper  
130 100  
95 94.6 0.0 196.6

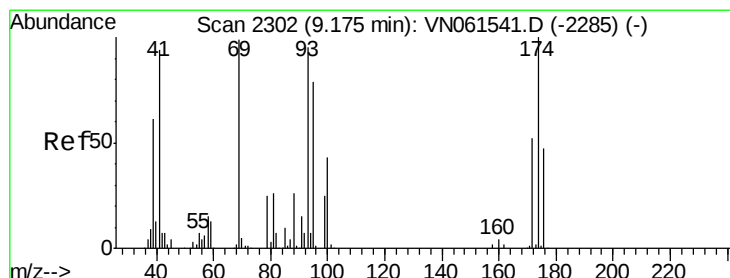
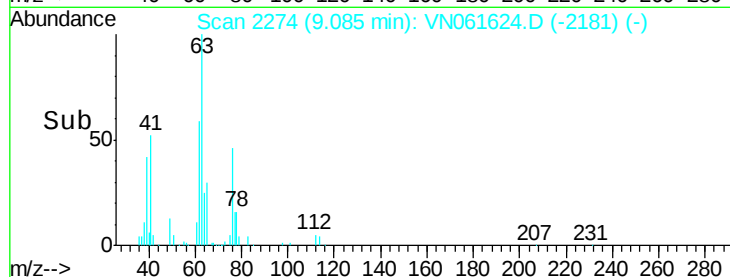
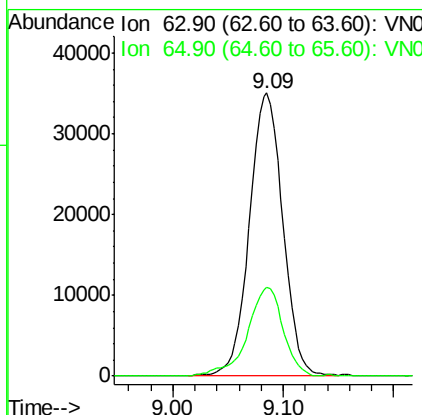
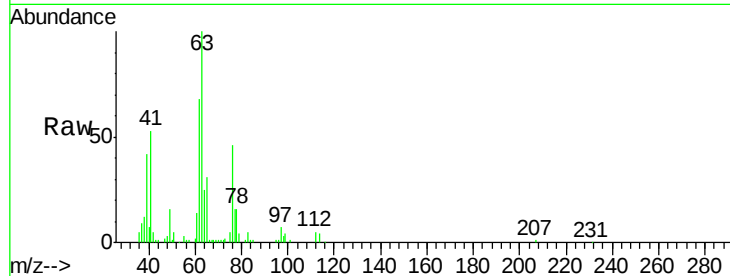




#45  
 1,2-Dichloropropane  
 Concen: 18.227 ug/l  
 RT: 9.09 min Scan# 2274  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

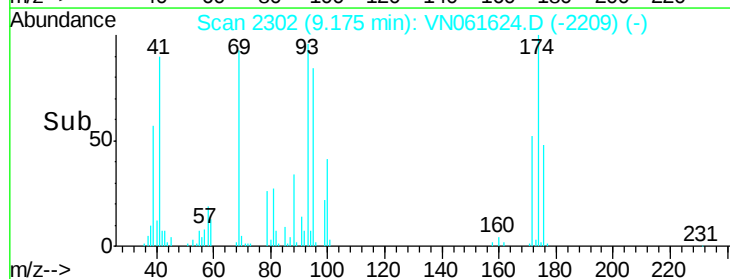
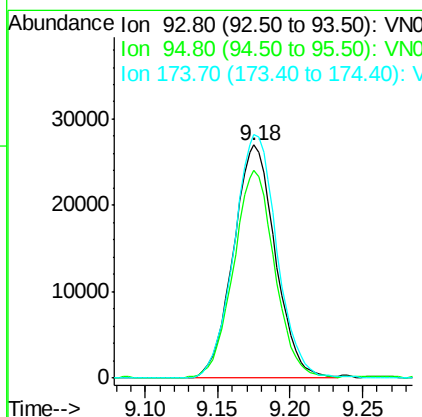
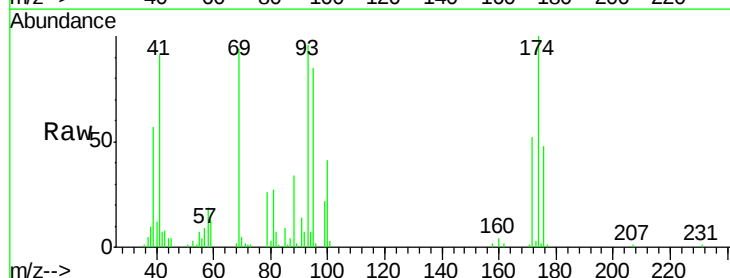
Instrument :  
 MSVOA\_N  
 ClientSampled :

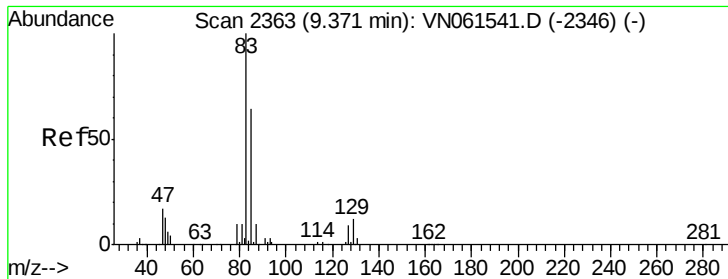
Tot Ion: 63 Resp: 73523  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 24.7 37.1



#46  
 Dibromomethane  
 Concen: 17.576 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion: 93 Resp: 54373  
 Ion Ratio Lower Upper  
 93 100  
 95 87.3 66.0 99.0  
 174 106.7 82.5 123.7





#47

Bromodichloromethane

Concen: 18.541 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampleId :

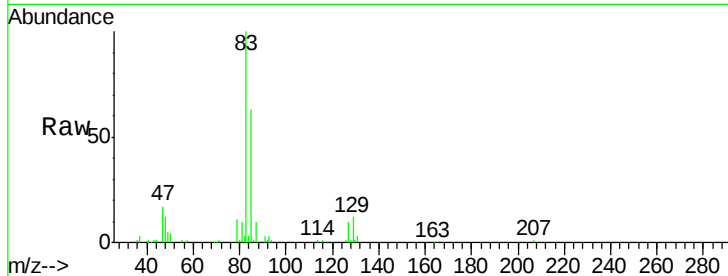
Tot Ion: 83 Resp: 113640

Ion Ratio Lower Upper

83 100

85 62.4 51.1 76.7

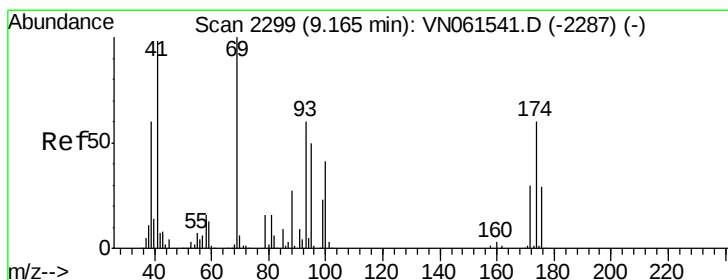
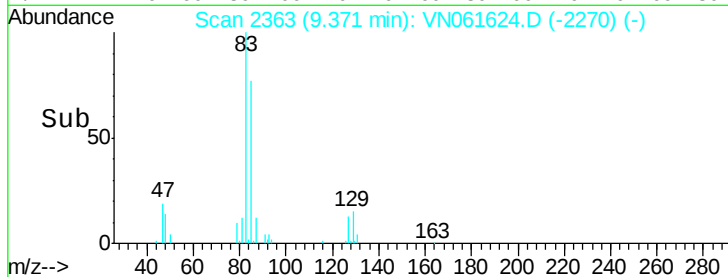
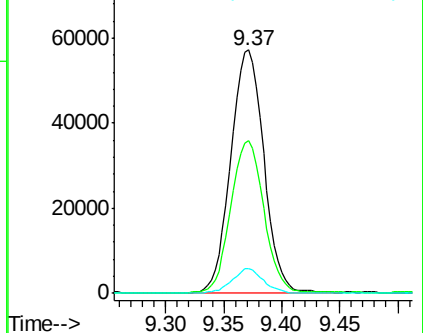
127 10.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061624.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061624.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061624.D (-2270) (-)



#48

Methyl methacrylate

Concen: 16.954 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

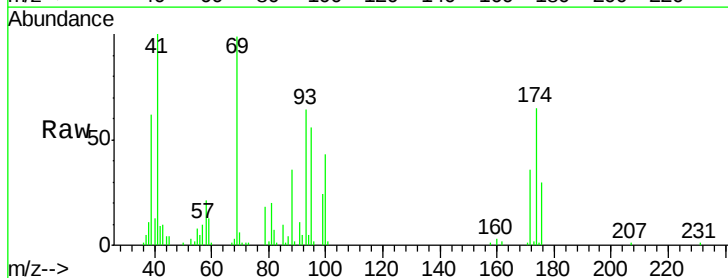
Tgt Ion: 41 Resp: 60855

Ion Ratio Lower Upper

41 100

69 104.3 83.9 125.9

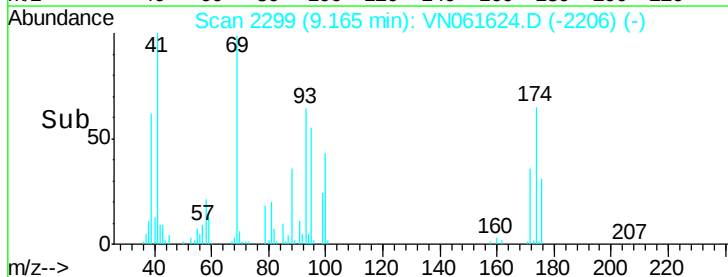
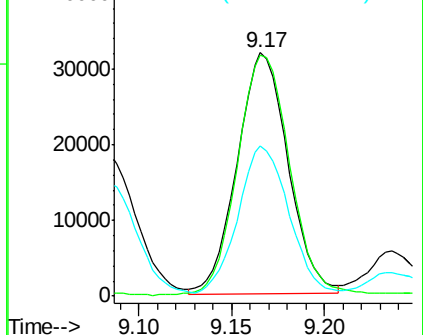
39 62.8 52.1 78.1

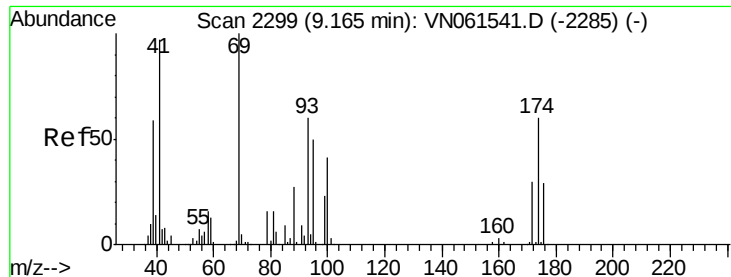


Abundance Ion 41.00 (40.70 to 41.70): VN061624.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061624.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061624.D (-2206) (-)

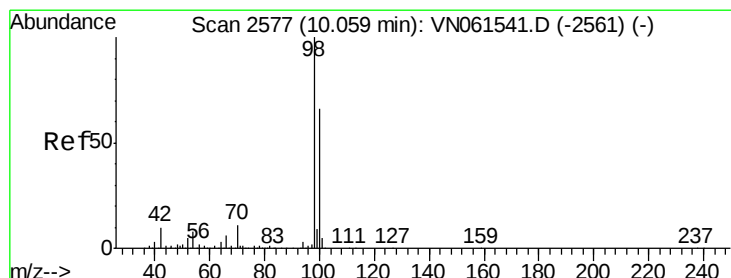
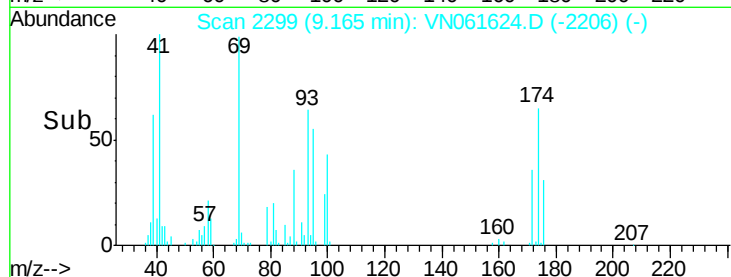
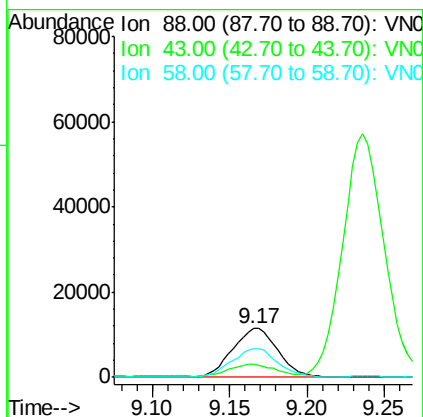
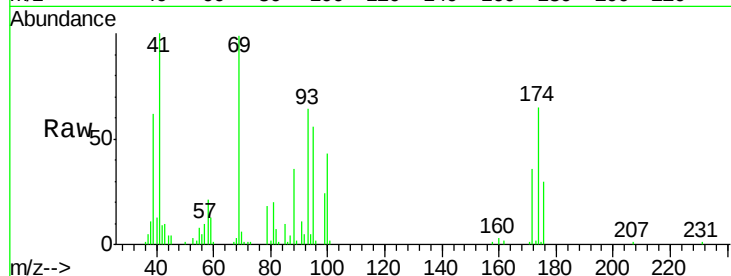




#49  
1,4-Dioxane  
Concen: 420.370 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

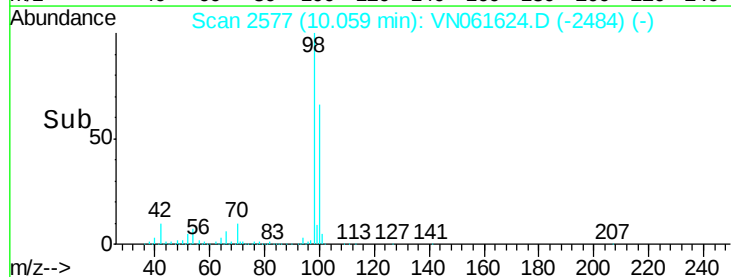
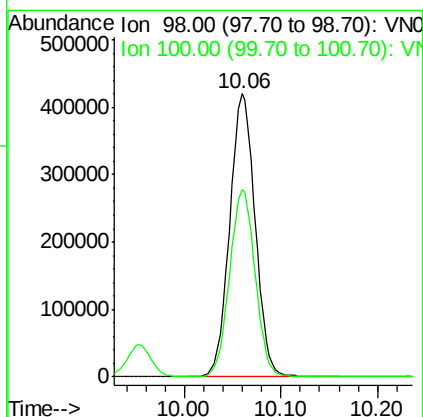
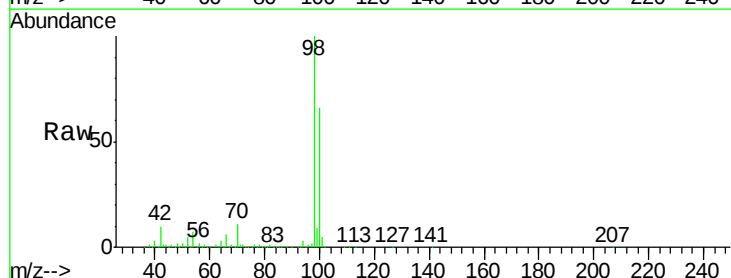
Instrument :  
MSVOA\_N  
ClientSampled :

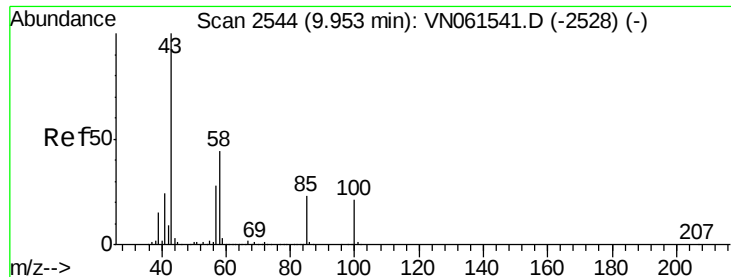
Tot Ion: 88 Resp: 23375  
Ion Ratio Lower Upper  
88 100  
43 24.9 23.1 34.7  
58 60.2 48.3 72.5



#50  
Toluene-d8  
Concen: 52.456 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 98 Resp: 766914  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.8 79.2

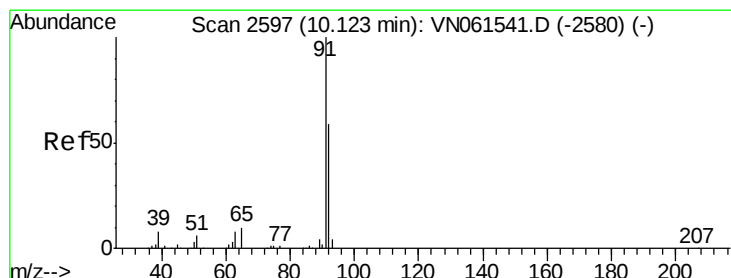
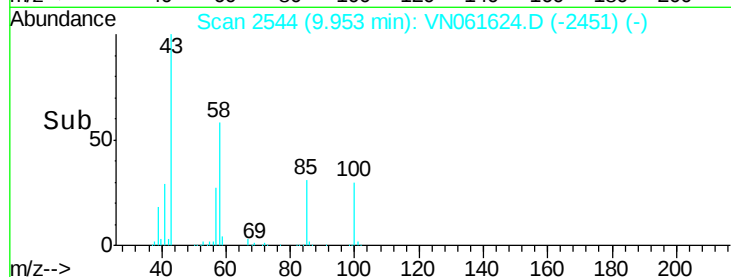
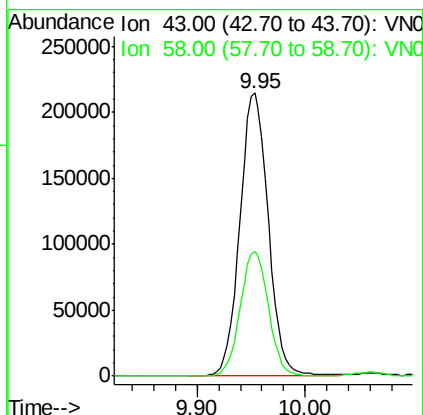
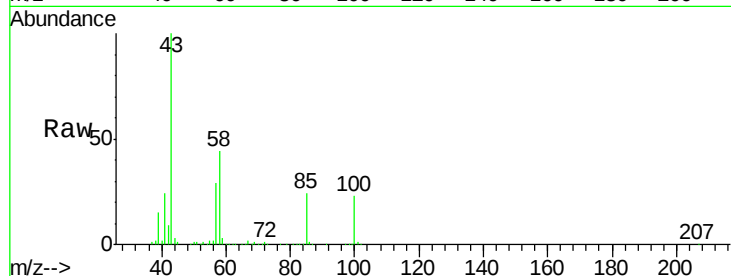




#51  
4-Methyl-2-Pentanone  
Concen: 87.017 ug/l  
RT: 9.95 min Scan# 2544  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

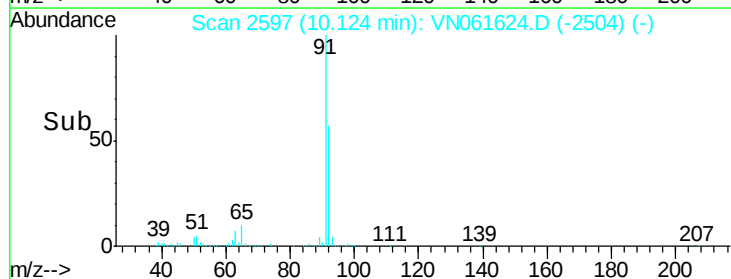
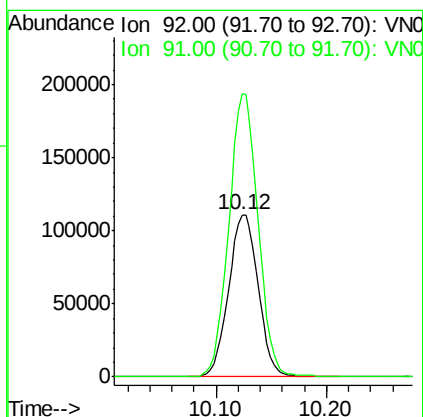
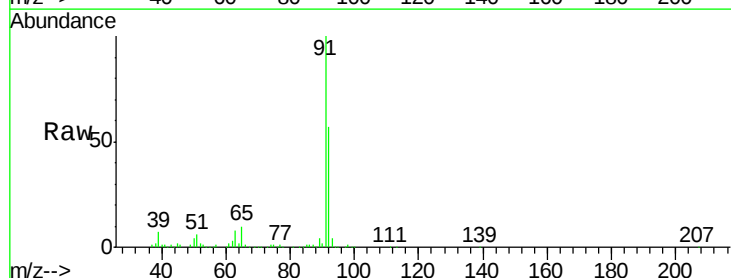
Instrument :  
MSVOA\_N  
ClientSampled :

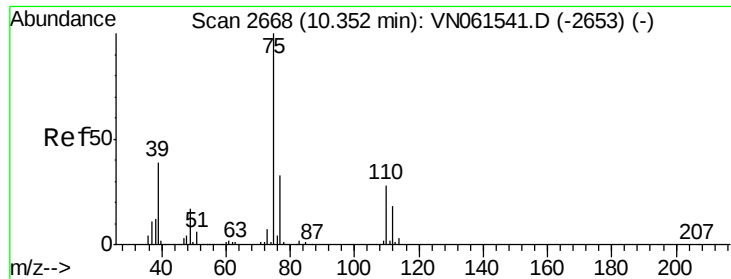
Tot Ion: 43 Resp: 391207  
Ion Ratio Lower Upper  
43 100  
58 44.0 35.0 52.6



#52  
Toluene  
Concen: 18.656 ug/l  
RT: 10.12 min Scan# 2597  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 92 Resp: 206841  
Ion Ratio Lower Upper  
92 100  
91 172.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.035 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

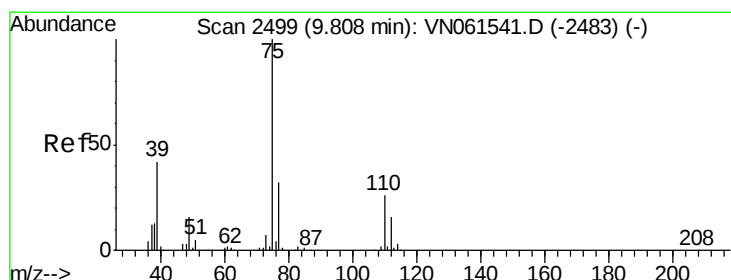
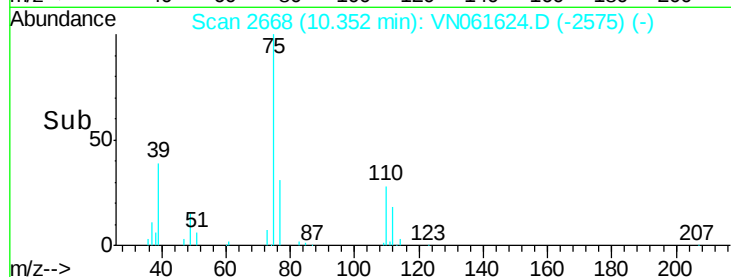
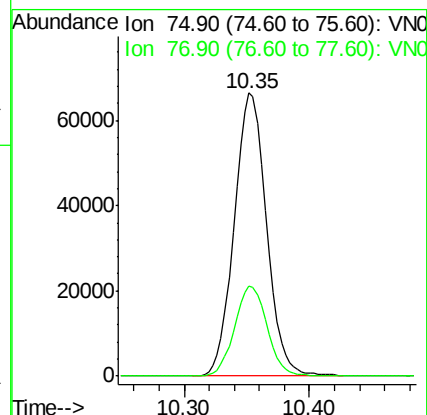
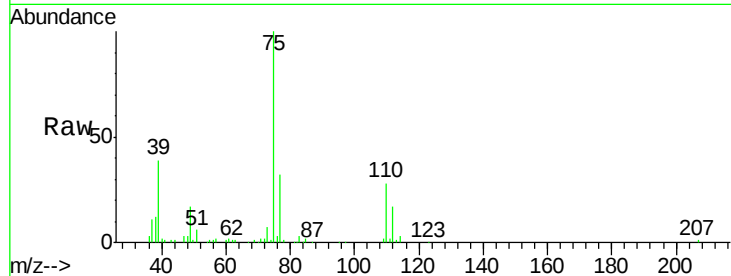
ClientSampled :

Tot Ion: 75 Resp: 119082

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 17.918 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

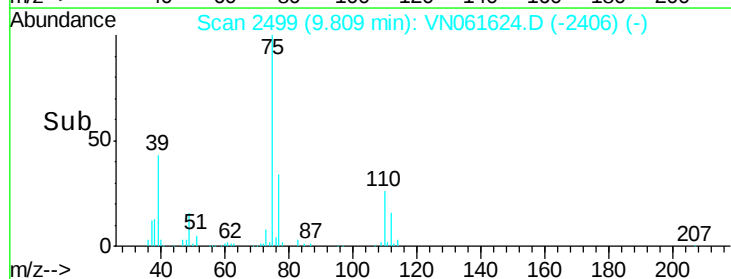
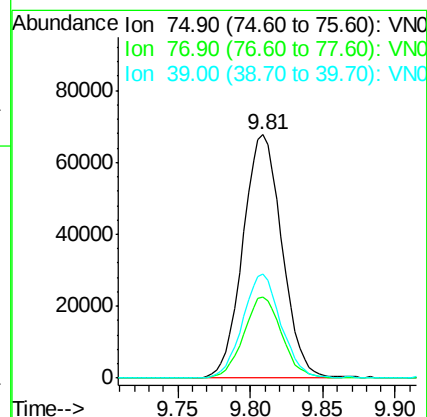
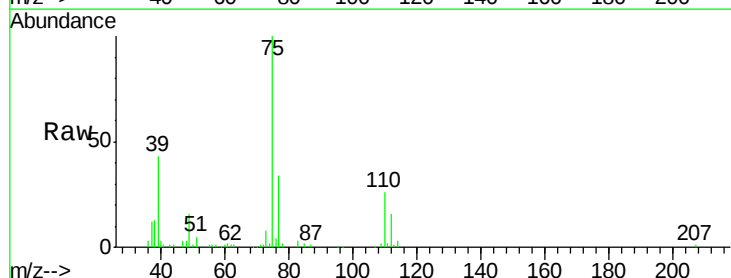
Tgt Ion: 75 Resp: 127210

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.2

39 42.5 33.8 50.6

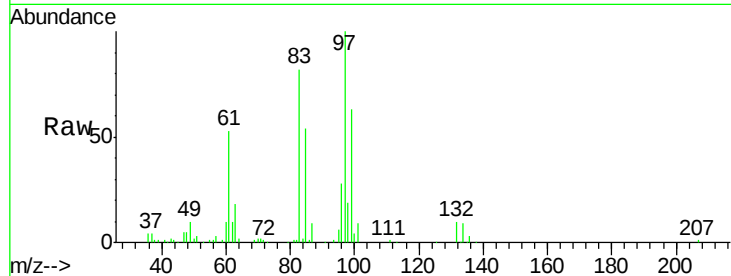




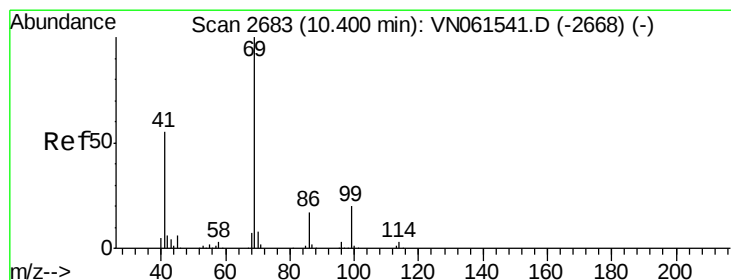
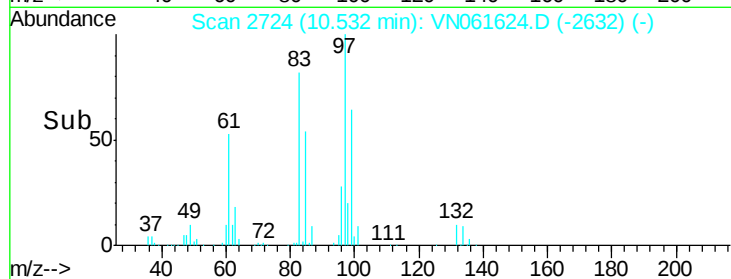
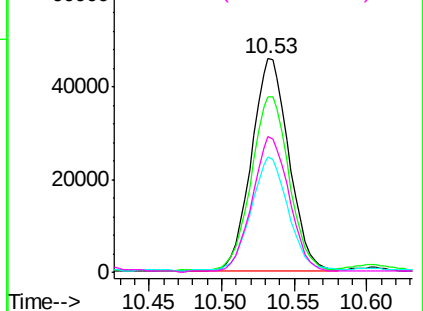
#55  
 1,1,2-Trichloroethane  
 Concen: 18.729 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 97 Resp: 82729  
 Ion Ratio Lower Upper  
 97 100  
 83 81.8 68.1 102.1  
 85 53.4 44.1 66.1  
 99 63.3 51.1 76.7

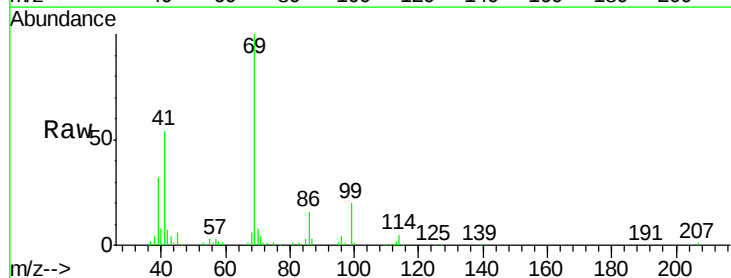


Abundance Ion 96.90 (96.60 to 97.60): VNO  
 Ion 82.90 (82.60 to 83.60): VNO  
 Ion 84.90 (84.60 to 85.60): VNO  
 Ion 98.90 (98.60 to 99.60): VNO

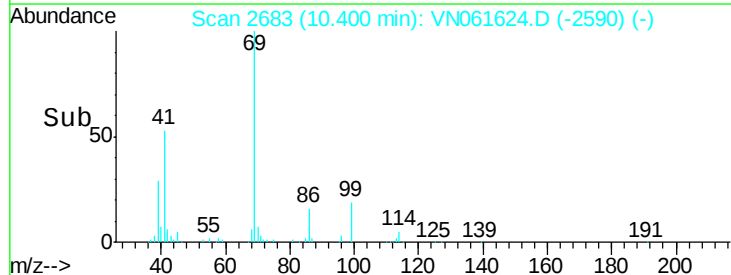
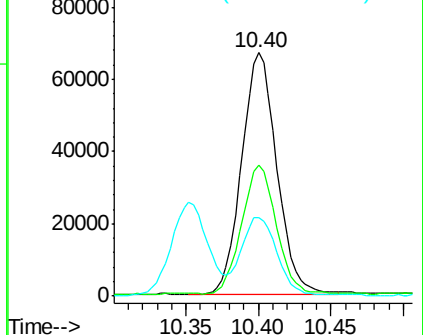


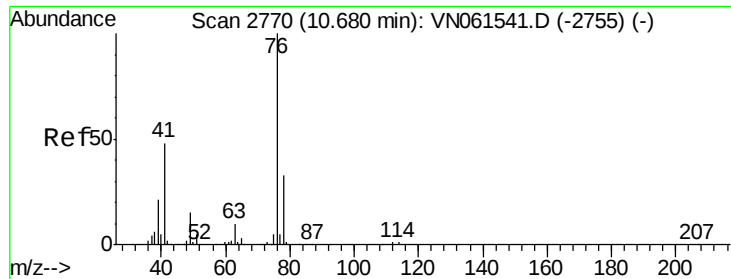
#56  
 Ethyl methacrylate  
 Concen: 18.258 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion: 69 Resp: 112659  
 Ion Ratio Lower Upper  
 69 100  
 41 52.4 43.5 65.3  
 39 32.7 27.0 40.6



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





#57

1,3-Dichloropropane

Concen: 18.633 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

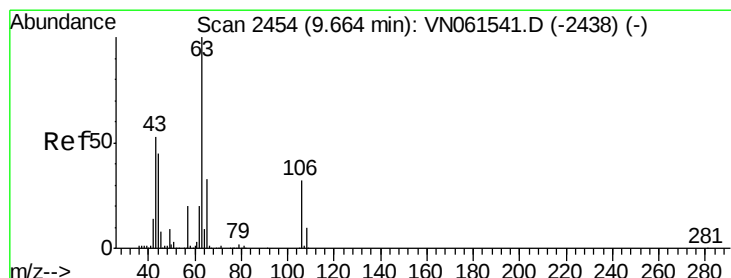
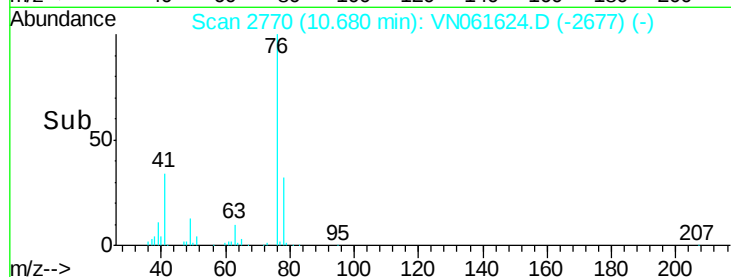
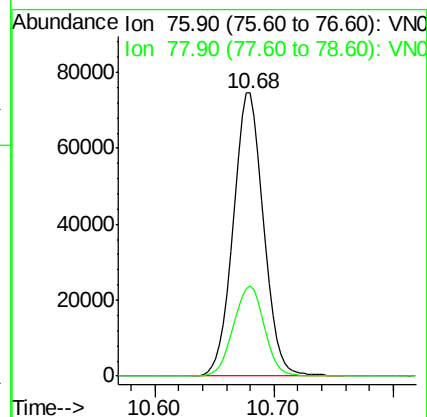
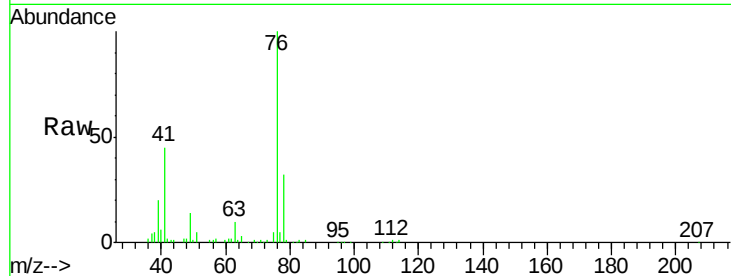
ClientSampleId :

Tot Ion: 76 Resp: 131638

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 83.404 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061624.D

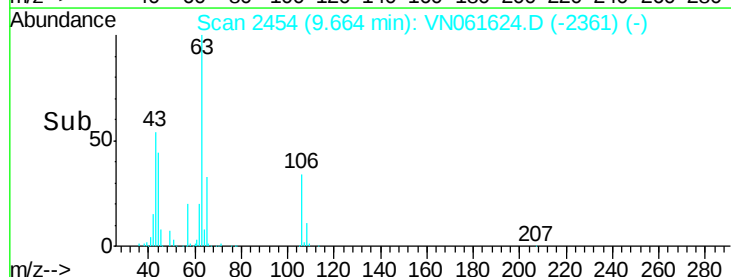
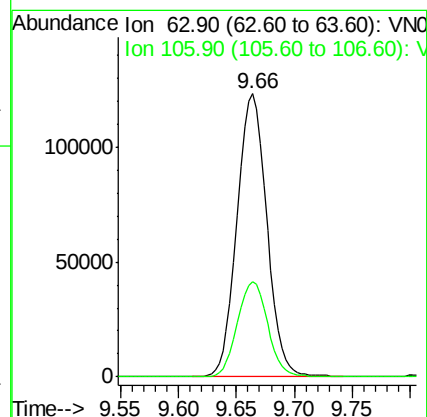
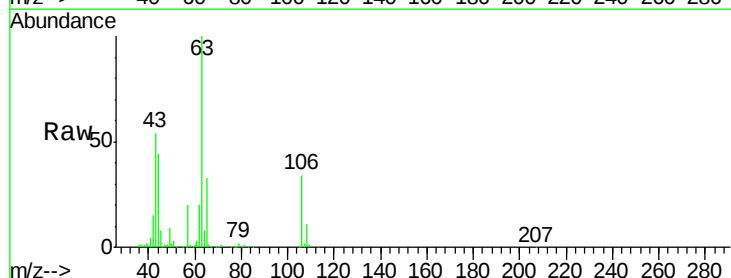
Acq: 2 Jun 2020 17:13

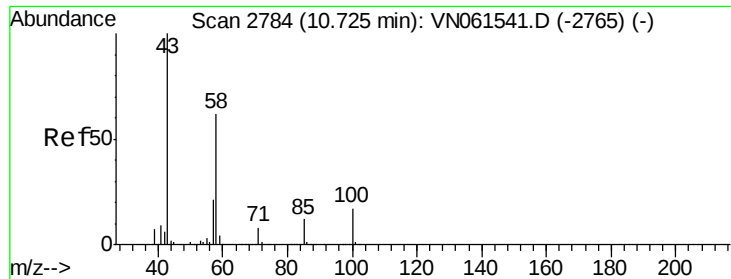
Tgt Ion: 63 Resp: 219929

Ion Ratio Lower Upper

63 100

106 34.2 25.9 38.9

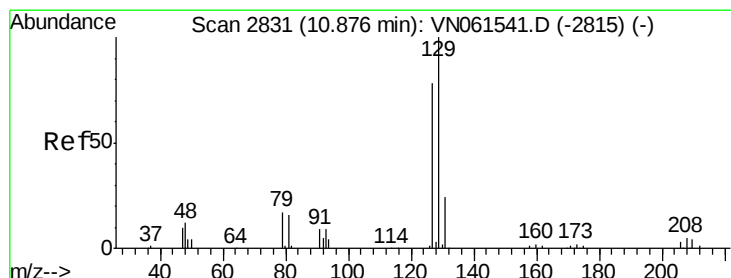
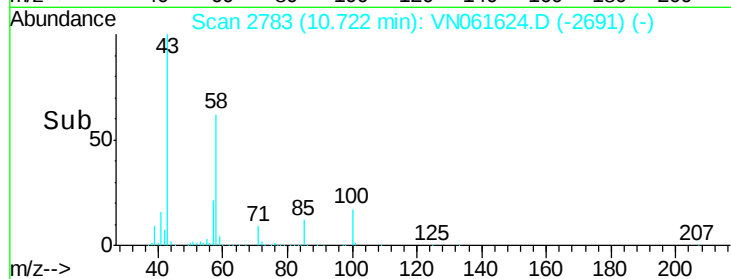
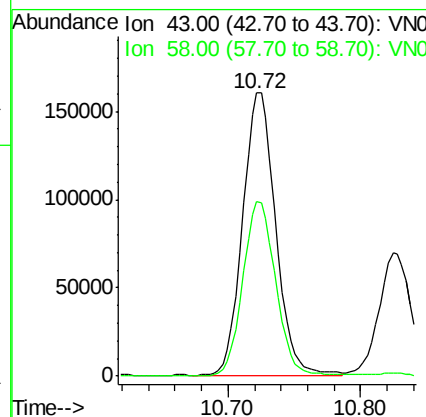
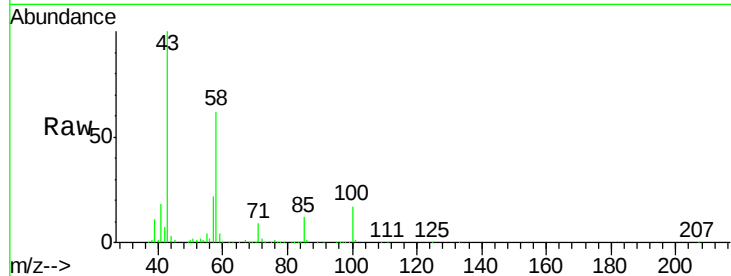




#59  
2-Hexanone  
Concen: 85.384 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

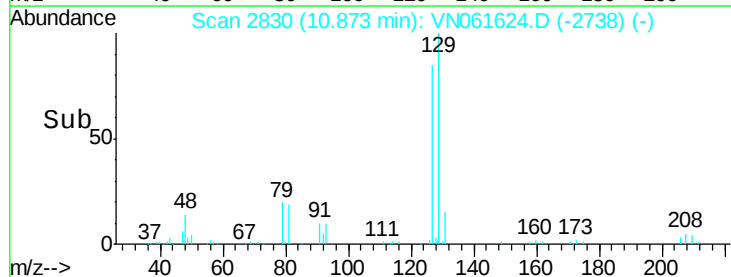
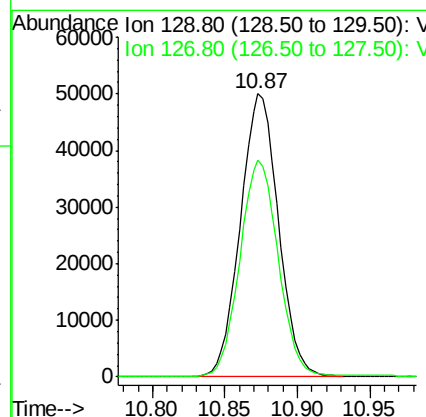
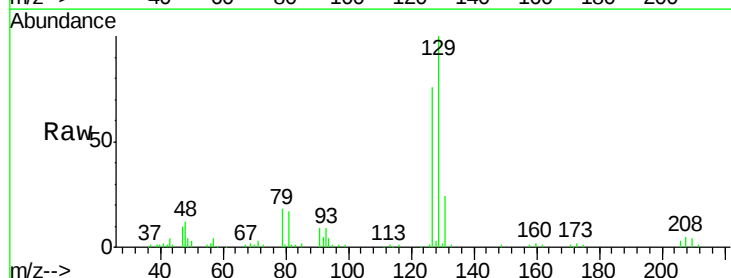
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 275681  
Ion Ratio Lower Upper  
43 100  
58 62.2 30.7 92.1



#60  
Dibromochloromethane  
Concen: 18.224 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 129 Resp: 91516  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.3

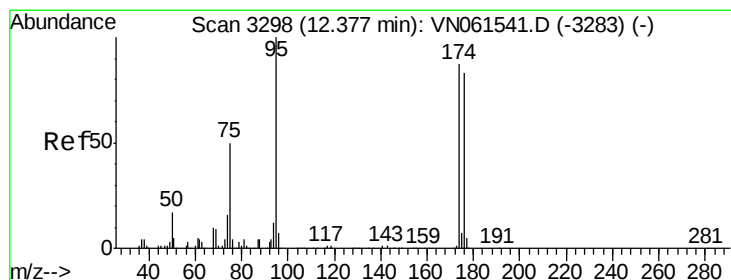
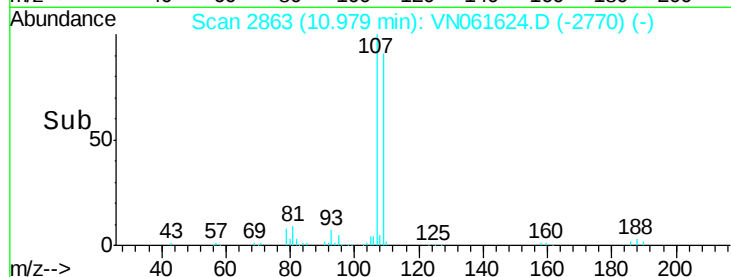
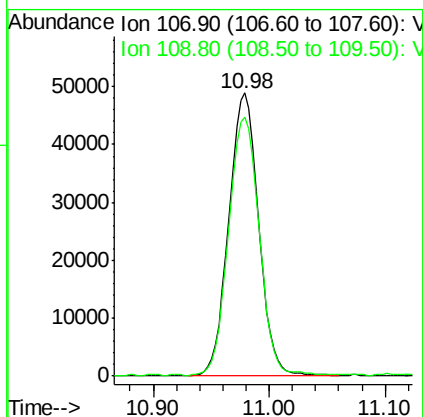
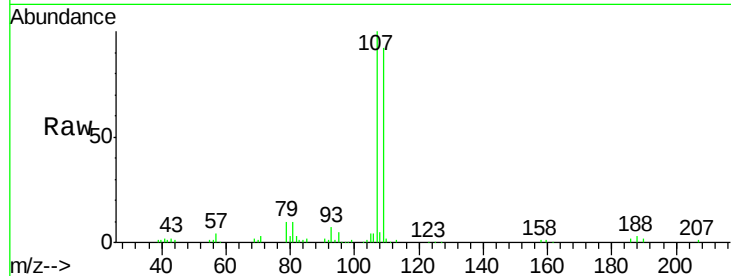




#61  
 1,2-Dibromoethane  
 Concen: 18.851 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

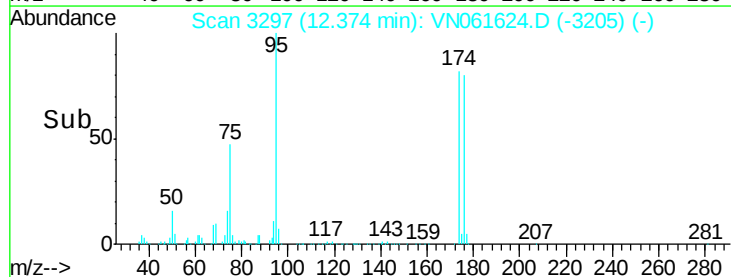
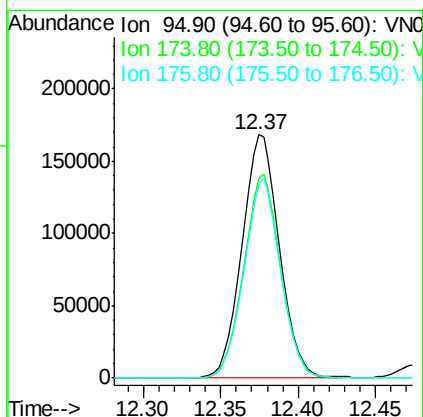
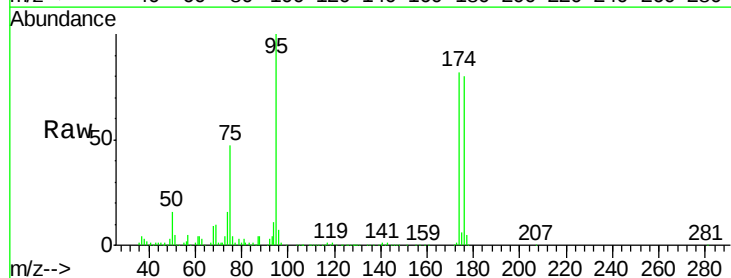
Instrument :  
 MSVOA\_N  
 ClientSampled :

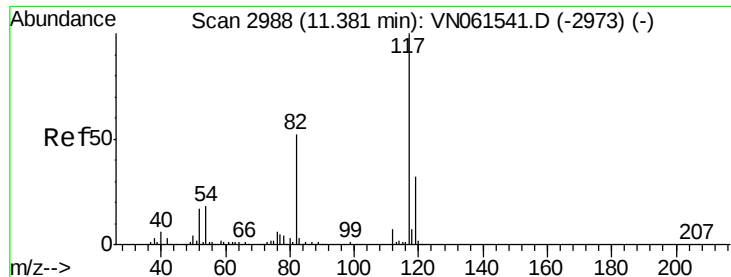
Tot Ion:107 Resp: 86848  
 Ion Ratio Lower Upper  
 107 100  
 109 93.3 76.1 114.1



#62  
 4-Bromofluorobenzene  
 Concen: 52.555 ug/l  
 RT: 12.37 min Scan# 3297  
 Delta R.T. -0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion: 95 Resp: 280324  
 Ion Ratio Lower Upper  
 95 100  
 174 83.5 0.0 172.8  
 176 81.0 0.0 164.8

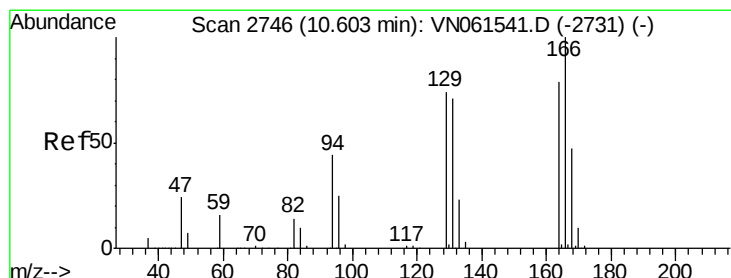
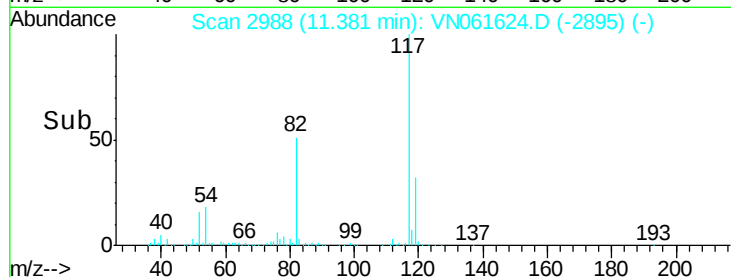
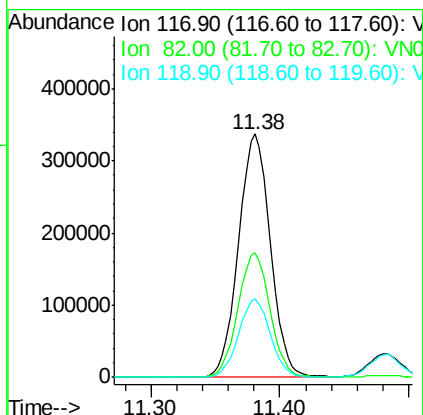
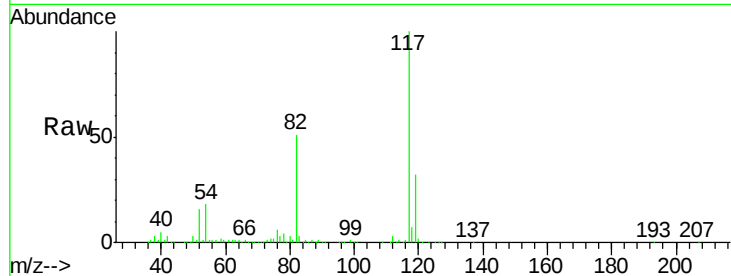




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

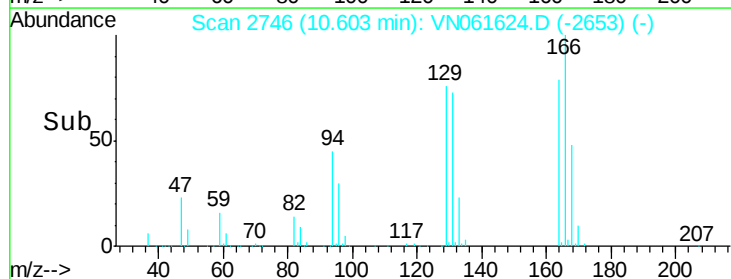
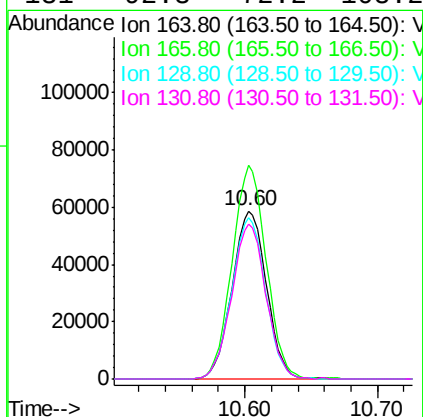
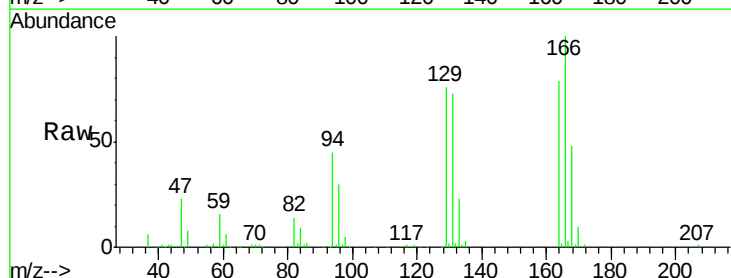
Instrument :  
MSVOA\_N  
ClientSampled :

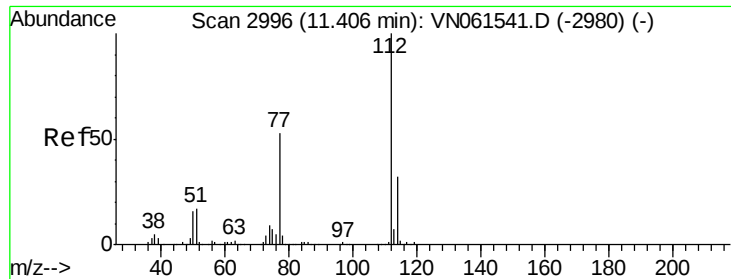
Tot Ion:117 Resp: 581072  
Ion Ratio Lower Upper  
117 100  
82 51.2 41.5 62.3  
119 32.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 19.311 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion:164 Resp: 105625  
Ion Ratio Lower Upper  
164 100  
166 126.9 101.5 152.3  
129 95.9 74.9 112.3  
131 92.3 72.2 108.2





#65

Chlorobenzene

Concen: 19.127 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

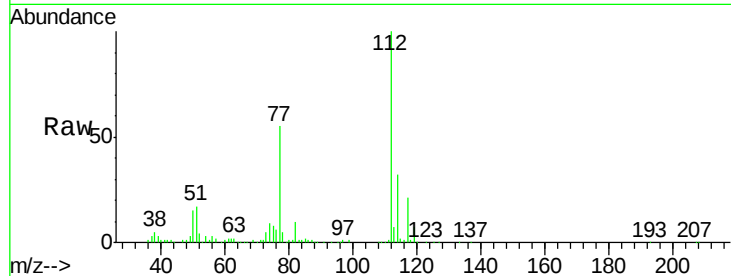
ClientSampled :

Tot Ion:112 Resp: 231027

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

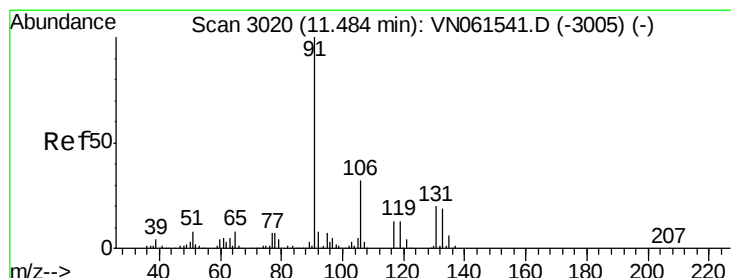
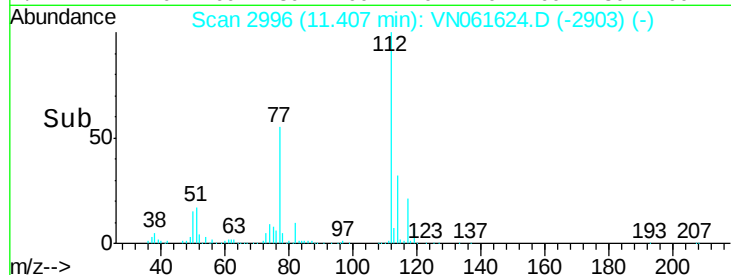
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 18.879 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

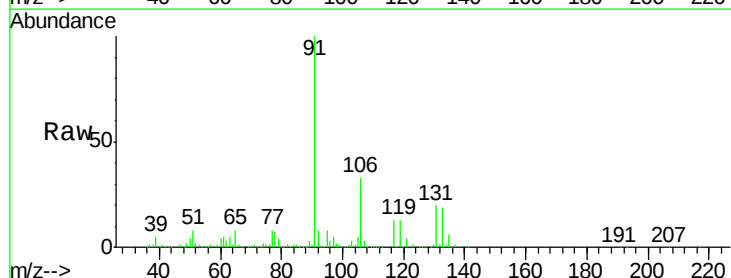
Tgt Ion:131 Resp: 84907

Ion Ratio Lower Upper

131 100

133 94.0 47.4 142.2

119 63.5 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

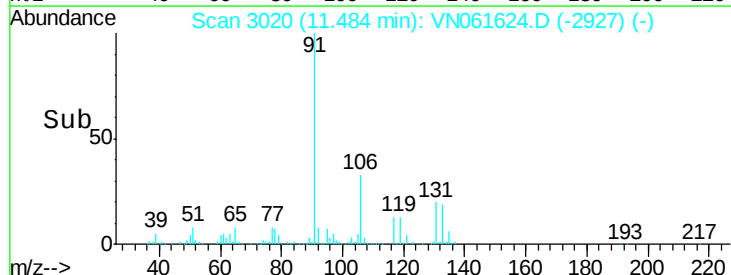
150000

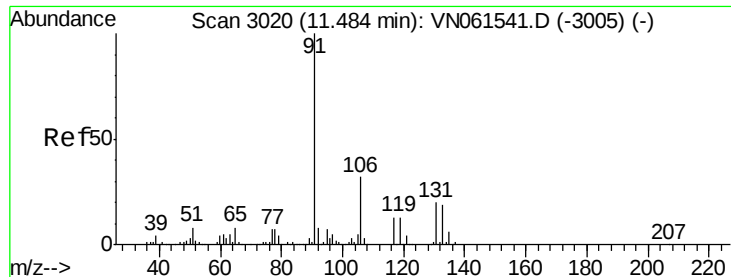
100000

50000

0

Time--> 11.40 11.45 11.50 11.55

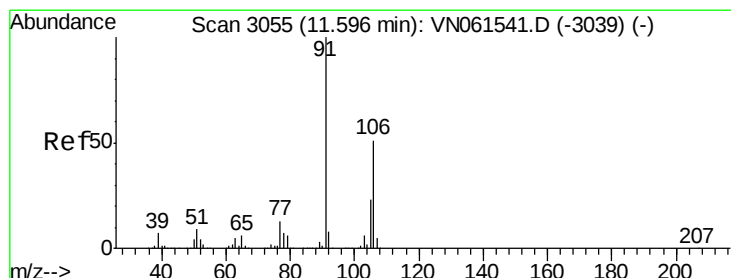
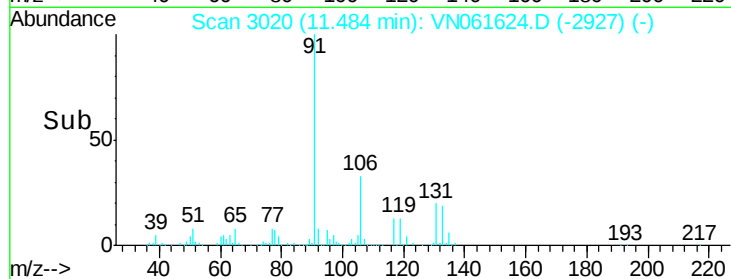
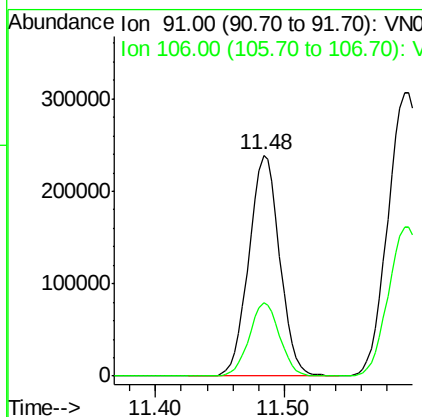
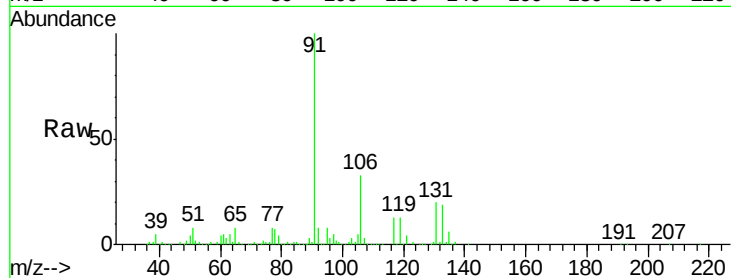




#67  
Ethyl Benzene  
Concen: 19.150 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

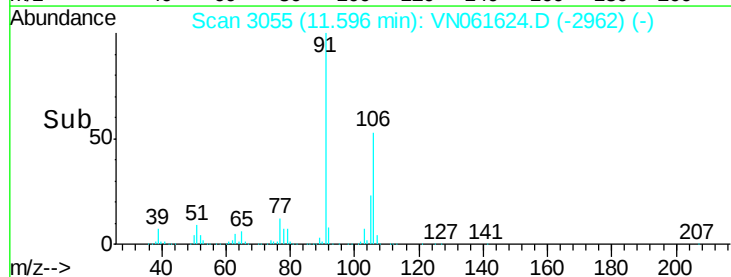
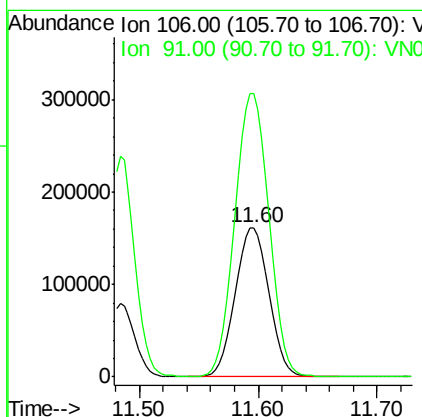
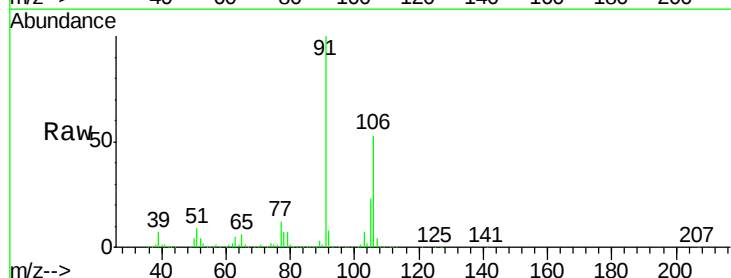
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 91 Resp: 399768  
Ion Ratio Lower Upper  
91 100  
106 33.0 25.6 38.4



#68  
m/p-Xylenes  
Concen: 38.303 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion: 106 Resp: 317052  
Ion Ratio Lower Upper  
106 100  
91 192.4 156.2 234.4

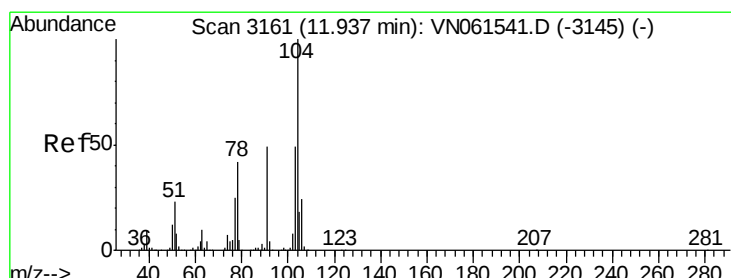
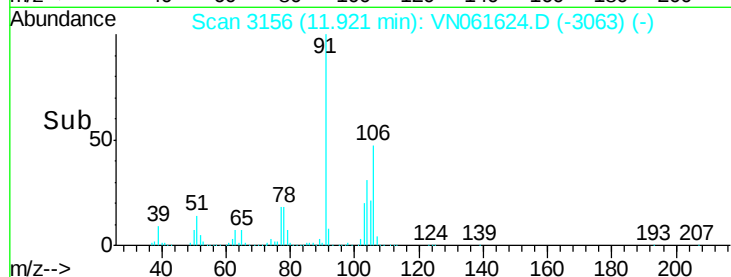
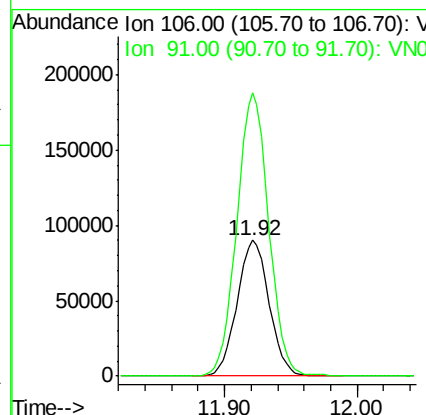
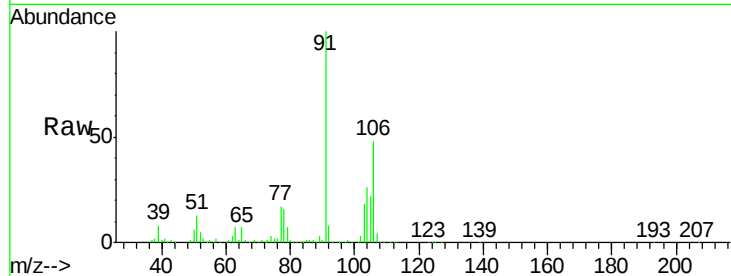




#69  
o-Xylene  
Concen: 19.282 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

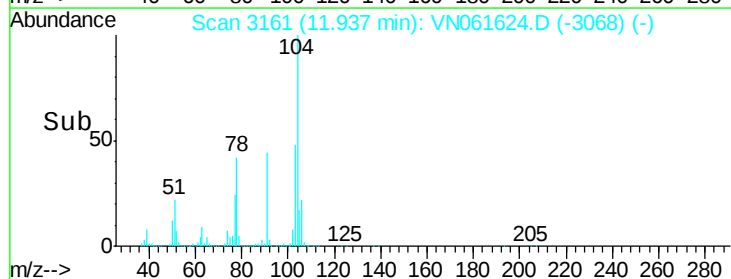
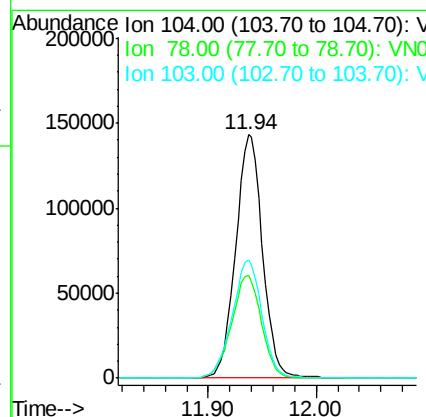
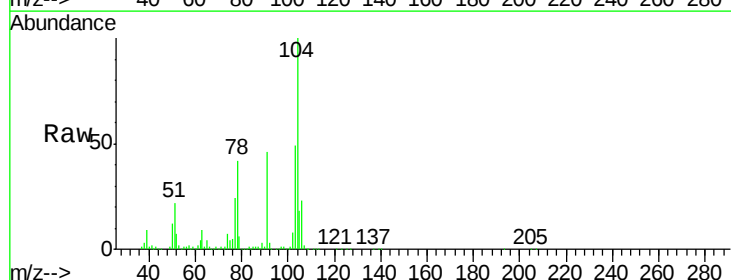
Instrument :  
MSVOA\_N  
ClientSampled :

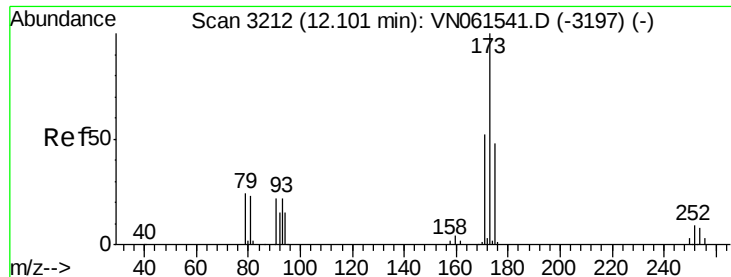
Tot Ion:106 Resp: 151595  
Ion Ratio Lower Upper  
106 100  
91 205.6 103.3 309.8



#70  
Styrene  
Concen: 19.131 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion:104 Resp: 249077  
Ion Ratio Lower Upper  
104 100  
78 46.6 37.4 56.0  
103 53.6 42.3 63.5





#71

Bromoform

Concen: 17.153 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampled :

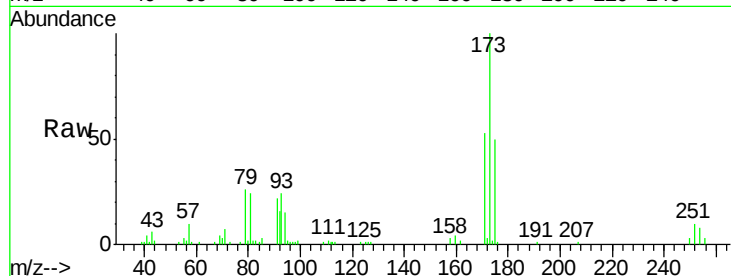
Tot Ion:173 Resp: 59443

Ion Ratio Lower Upper

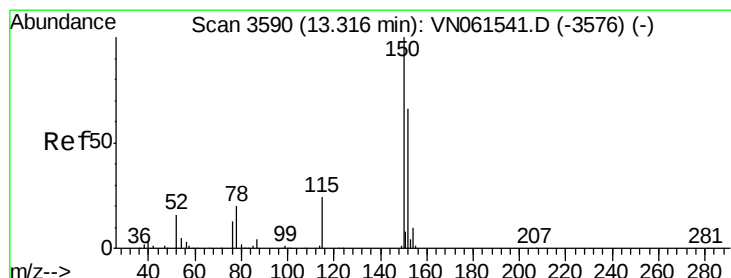
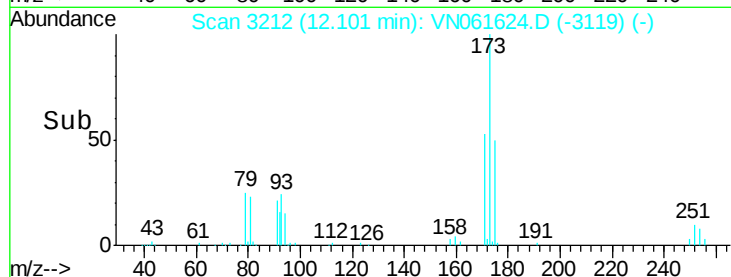
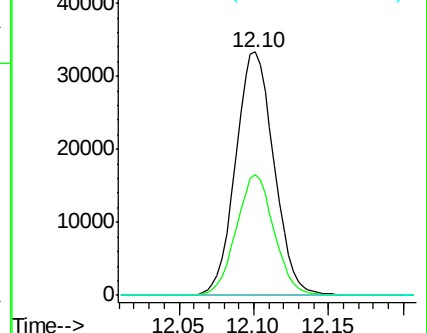
173 100

175 48.7 24.4 73.2

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# 3590

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

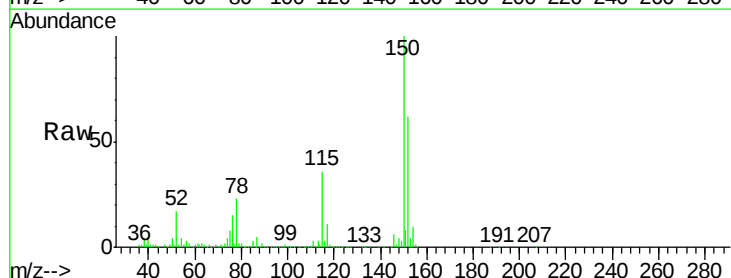
Tgt Ion:152 Resp: 278534

Ion Ratio Lower Upper

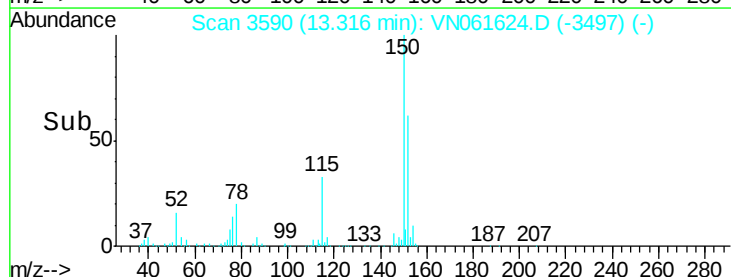
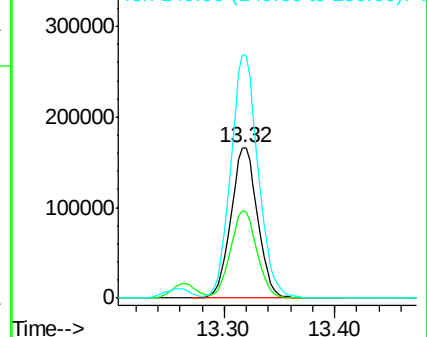
152 100

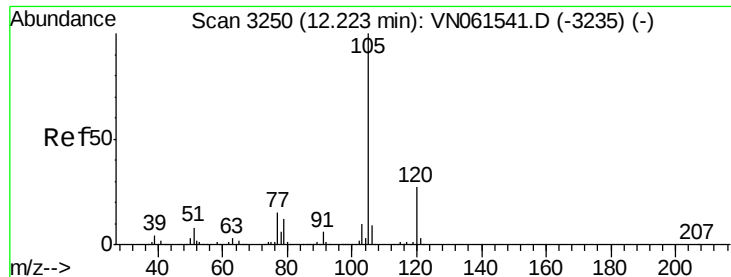
115 57.0 28.0 84.0

150 165.4 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.656 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

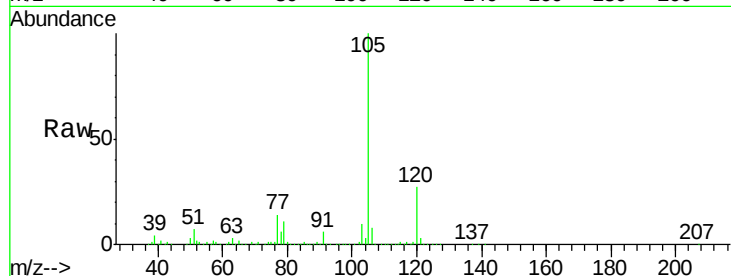
ClientSampled :

Tot Ion:105 Resp: 399586

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

250000

200000

150000

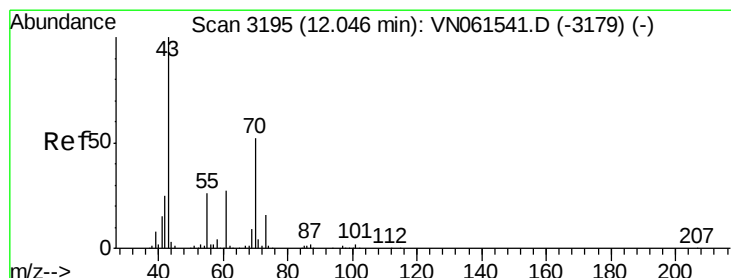
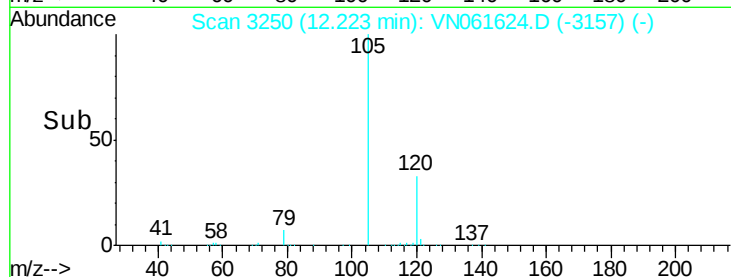
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.783 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Tgt Ion: 43 Resp: 113850

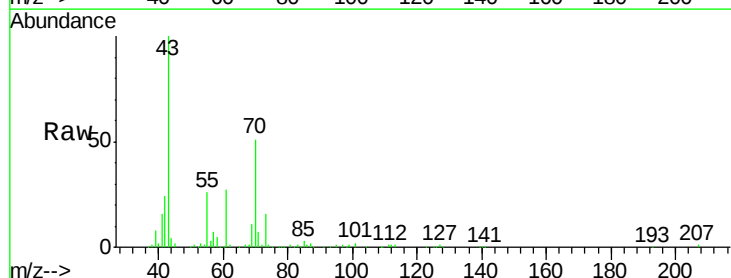
Ion Ratio Lower Upper

43 100

70 52.2 40.5 60.7

55 26.6 20.6 31.0

61 27.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.04

100000

80000

60000

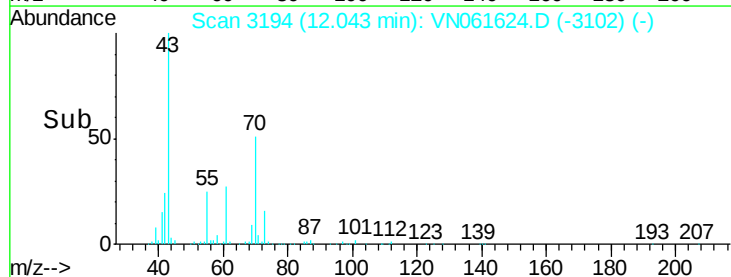
40000

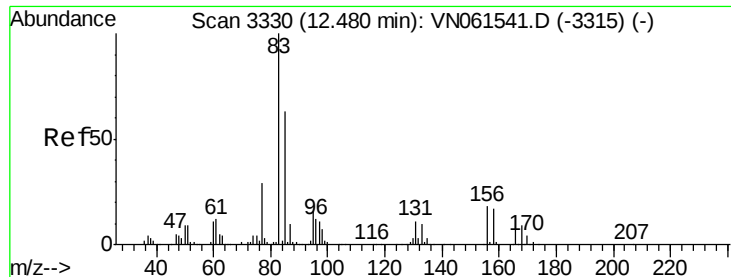
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 18.544 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampled :

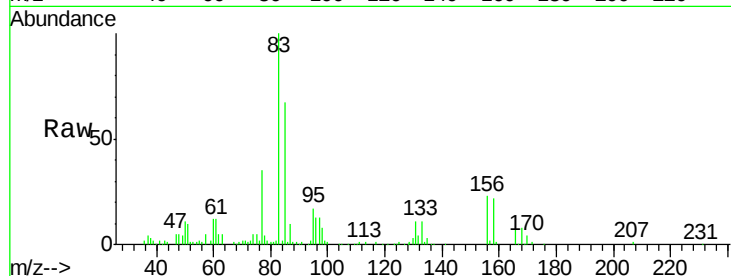
Tot Ion: 83 Resp: 105644

Ion Ratio Lower Upper

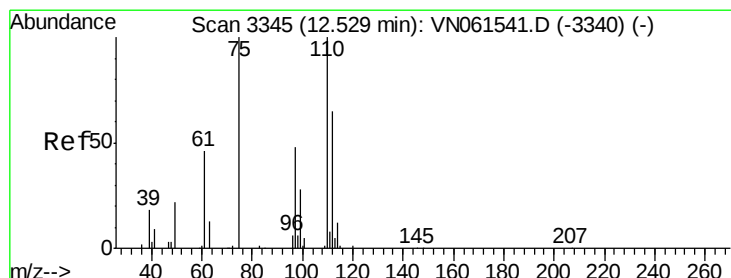
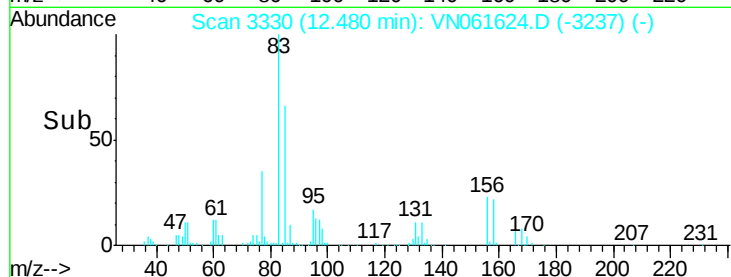
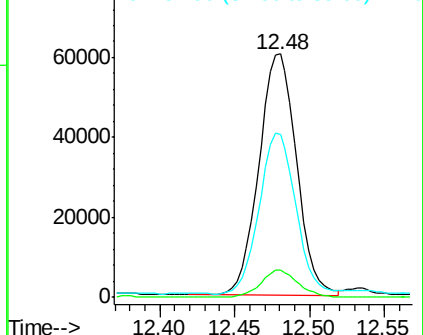
83 100

131 11.3 5.5 16.5

85 65.0 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 26.796 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061624.D

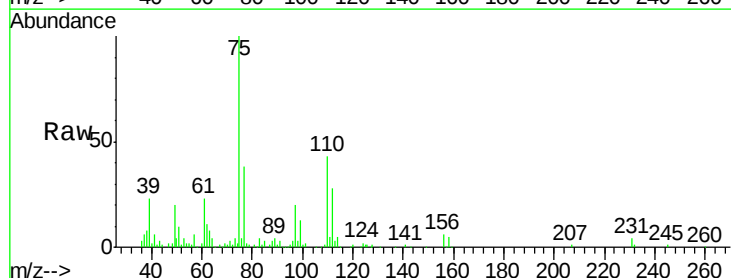
Acq: 2 Jun 2020 17:13

Tgt Ion: 75 Resp: 135717

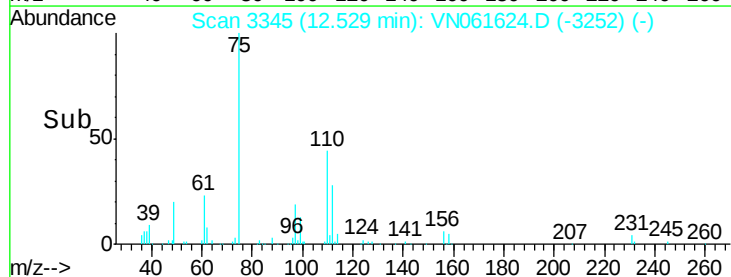
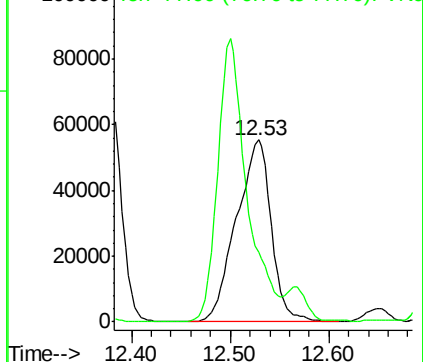
Ion Ratio Lower Upper

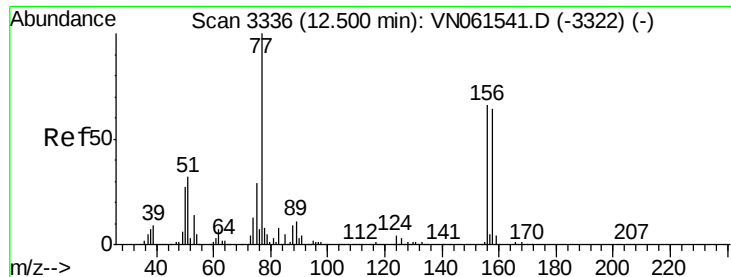
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.298 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampled :

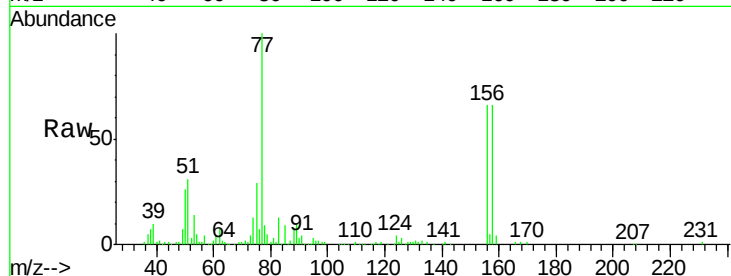
Tot Ion:156 Resp: 100143

Ion Ratio Lower Upper

156 100

77 179.5 90.9 272.7

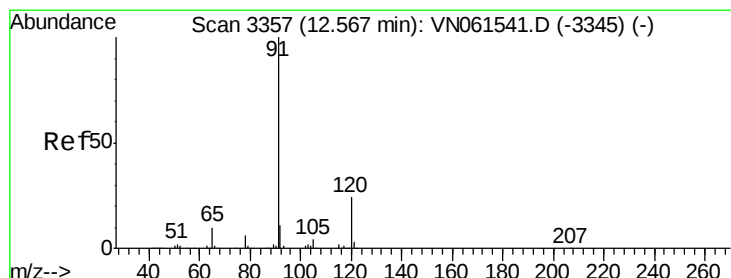
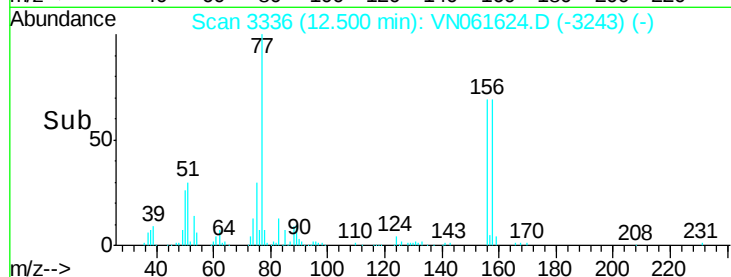
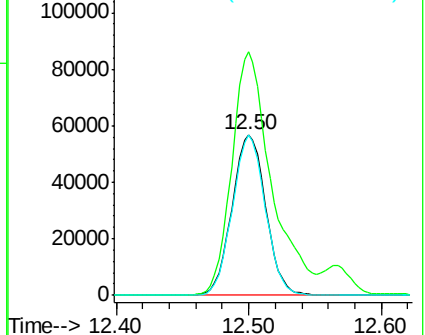
158 97.2 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.301 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061624.D

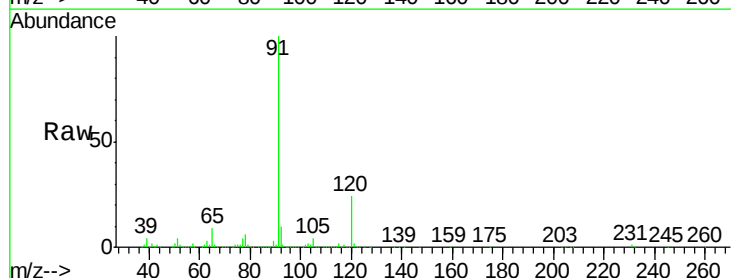
Acq: 2 Jun 2020 17:13

Tgt Ion: 91 Resp: 438047

Ion Ratio Lower Upper

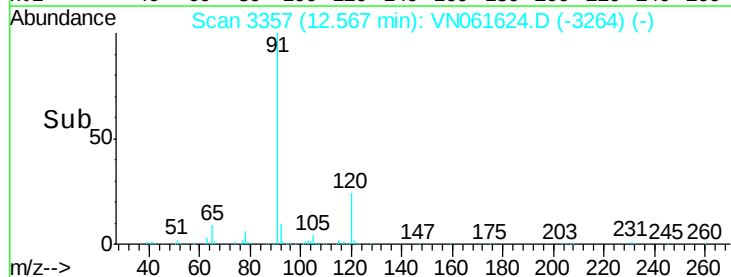
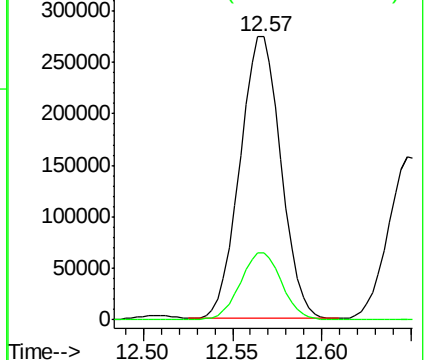
91 100

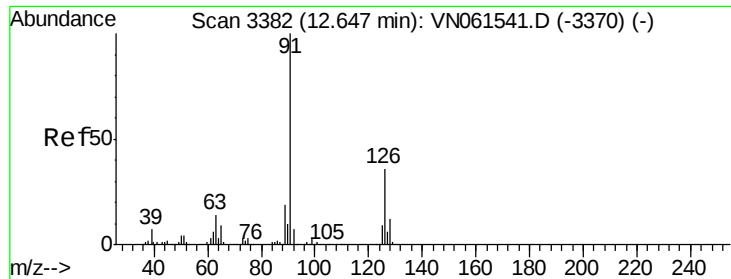
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

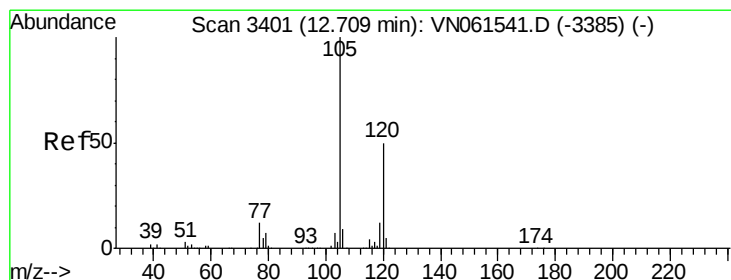
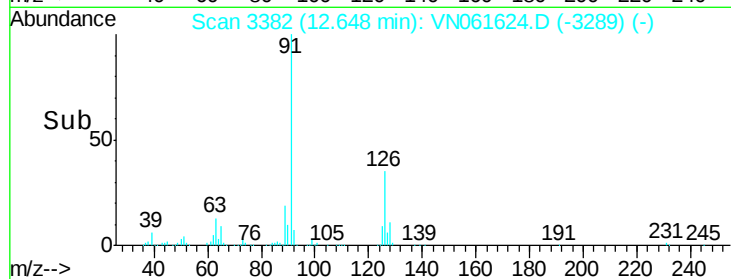
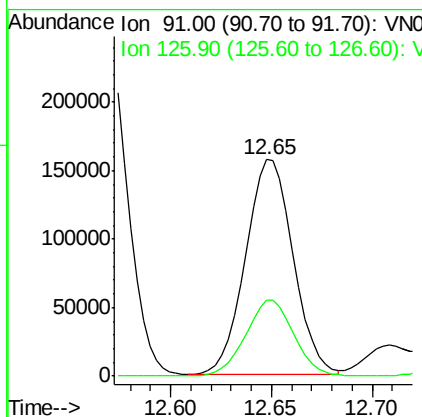
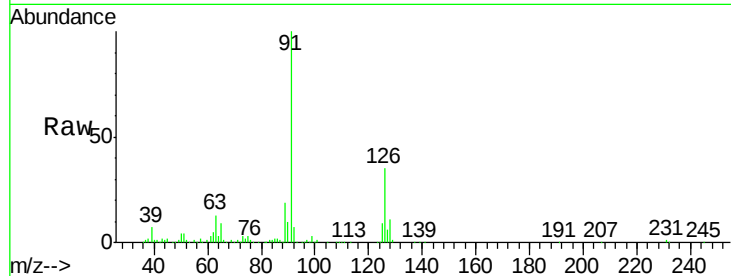




#79  
 2-Chlorotoluene  
 Concen: 19.184 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

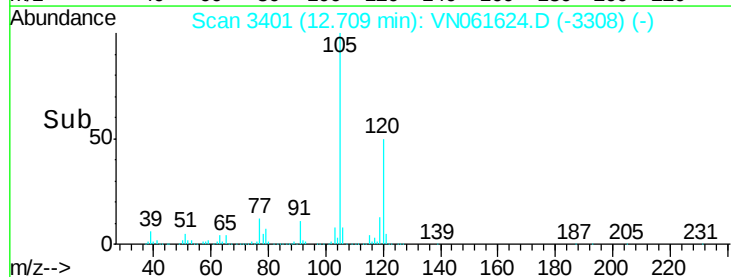
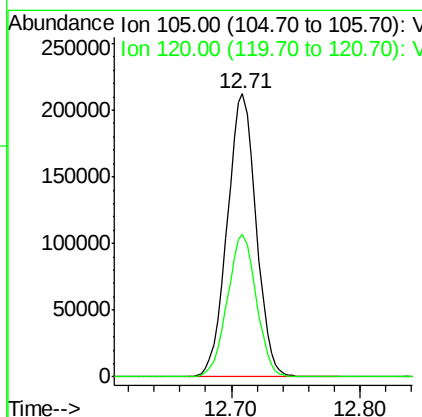
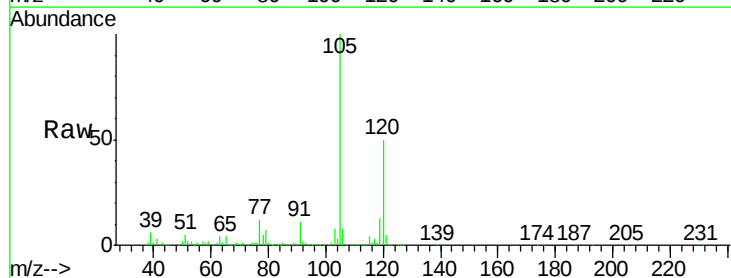
Instrument :  
 MSVOA\_N  
 ClientSampled :

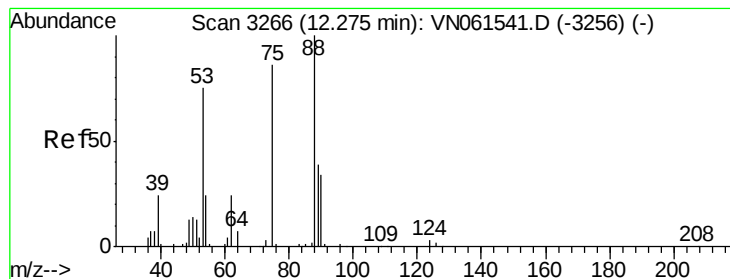
Tot Ion: 91 Resp: 259606  
 Ion Ratio Lower Upper  
 91 100  
 126 36.1 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.321 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion: 105 Resp: 328286  
 Ion Ratio Lower Upper  
 105 100  
 120 50.6 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.753 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampleId :

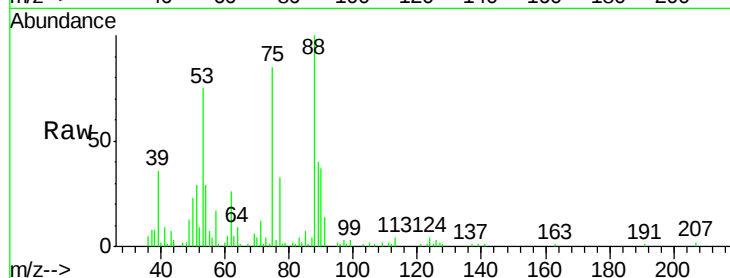
Tot Ion: 75 Resp: 33181

Ion Ratio Lower Upper

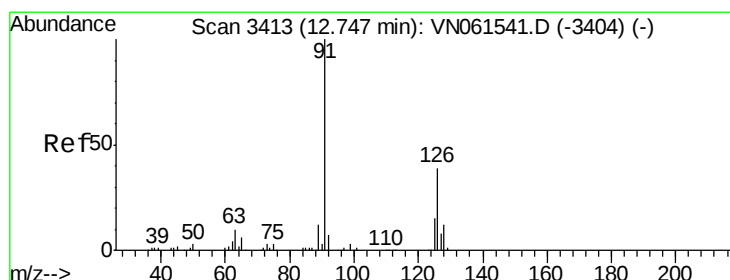
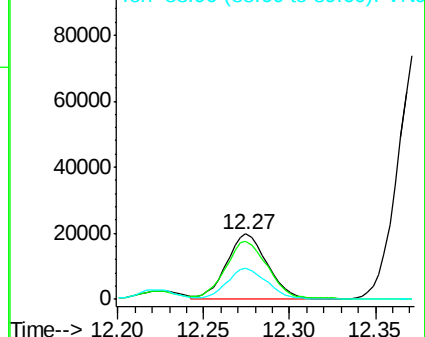
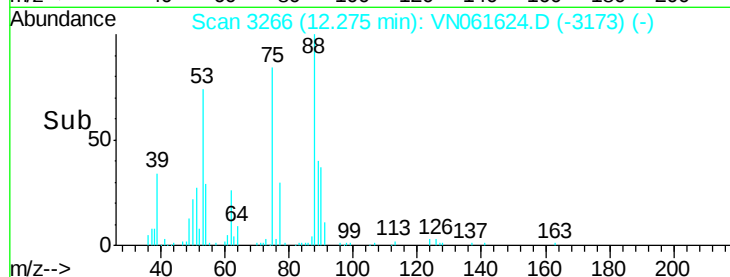
75 100

53 90.1 67.8 101.8

89 47.0 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061624.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 18.824 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061624.D

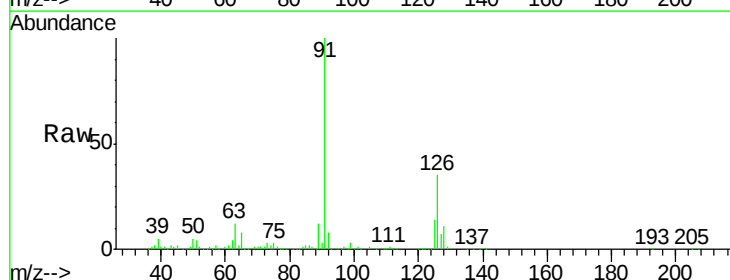
Acq: 2 Jun 2020 17:13

Tgt Ion: 91 Resp: 267995

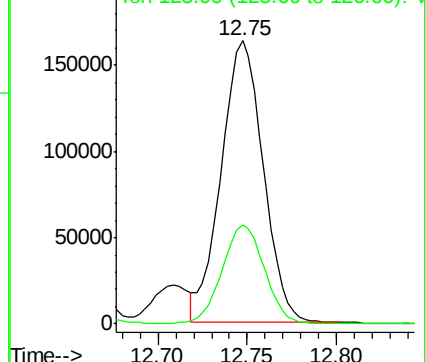
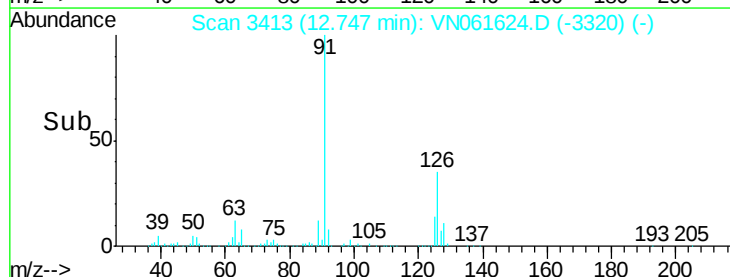
Ion Ratio Lower Upper

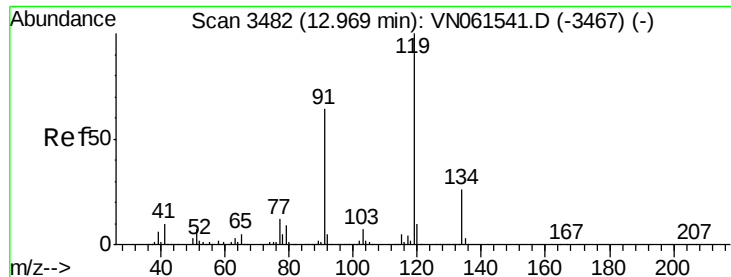
91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061624.D (-3320) (-)

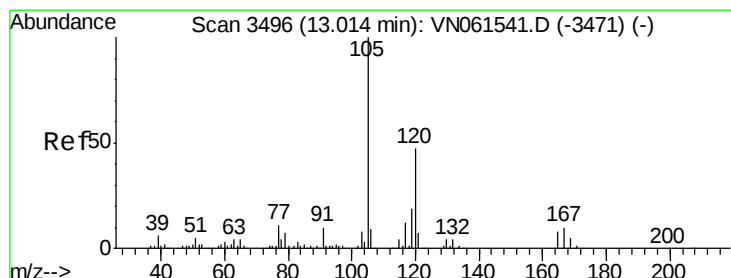
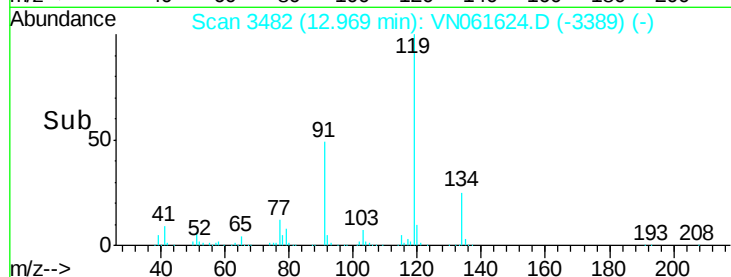
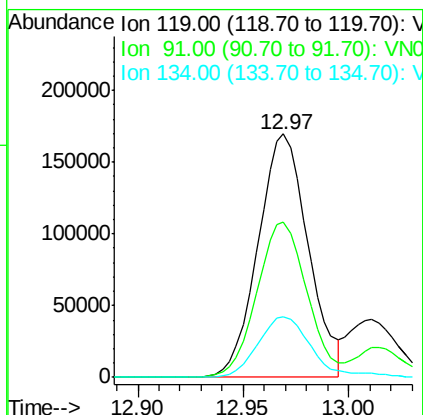
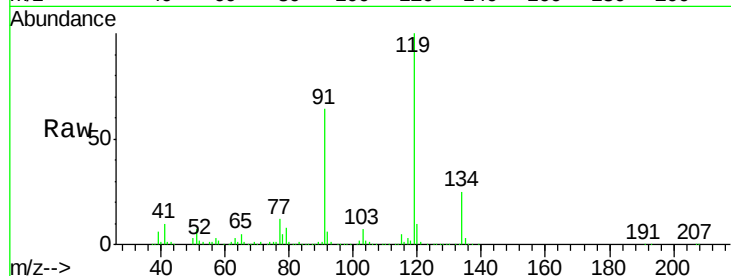




#83  
tert-Butylbenzene  
Concen: 18.692 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

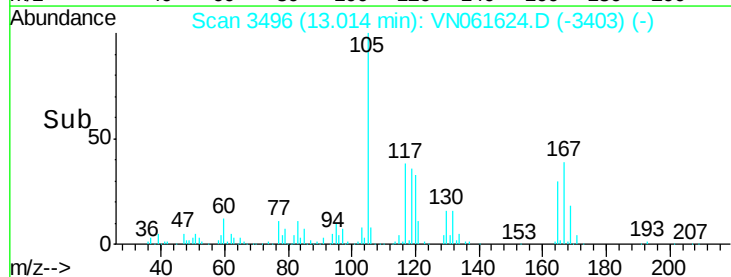
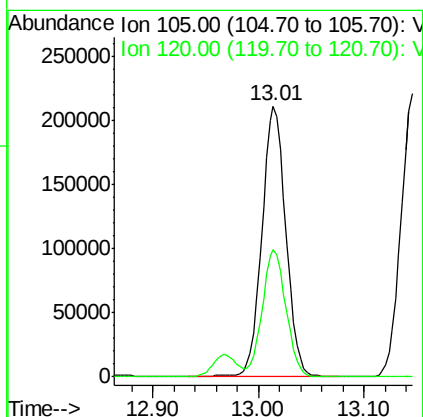
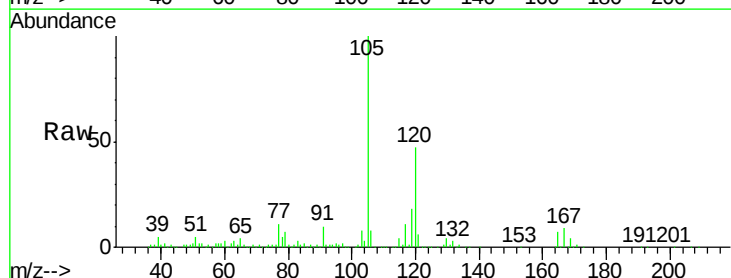
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:119 Resp: 280615  
Ion Ratio Lower Upper  
119 100  
91 63.8 31.3 93.8  
134 26.9 13.5 40.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.734 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN061624.D  
Acq: 2 Jun 2020 17:13

Tgt Ion:105 Resp: 333107  
Ion Ratio Lower Upper  
105 100  
120 46.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.454 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

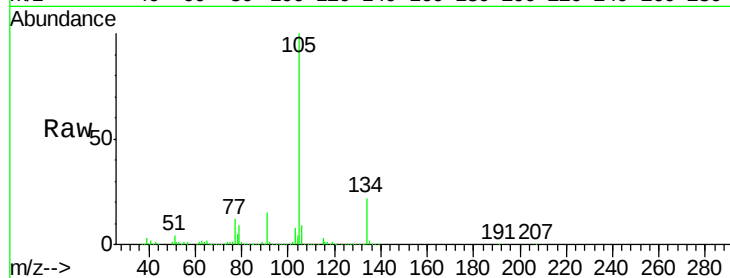
ClientSampleId :

Tot Ion:105 Resp: 356990

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

250000

200000

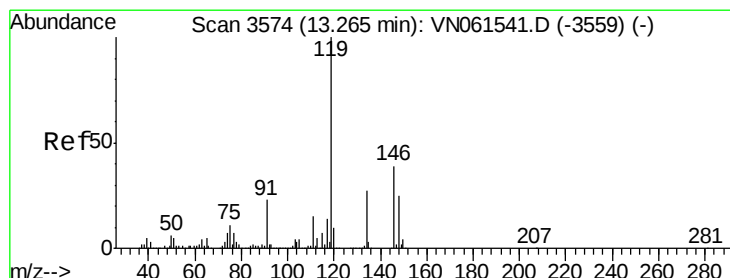
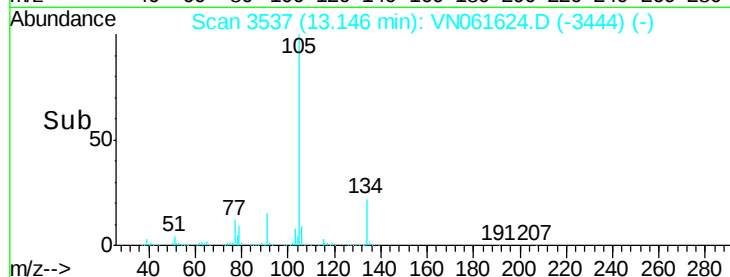
150000

100000

50000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 18.764 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

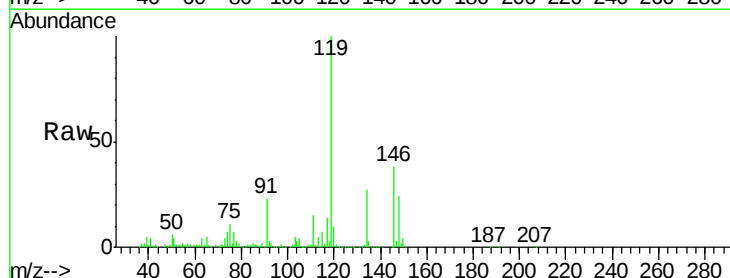
Tgt Ion:119 Resp: 334292

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 22.6 11.4 34.1



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

300000

250000

200000

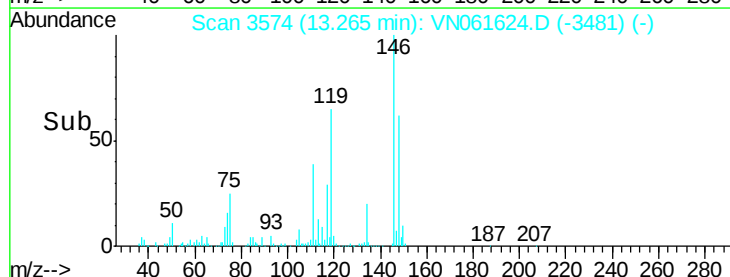
150000

100000

50000

0

Time--> 13.20 13.25 13.30 13.35

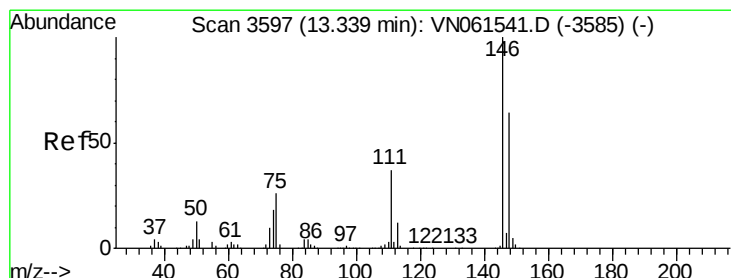
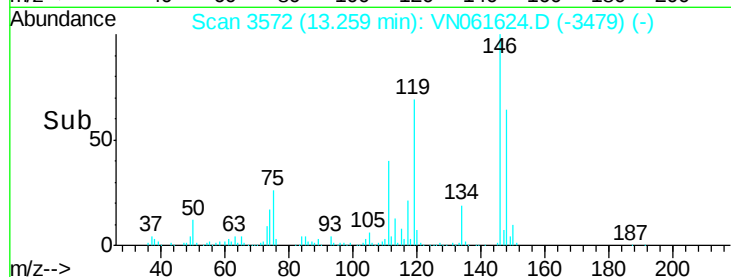
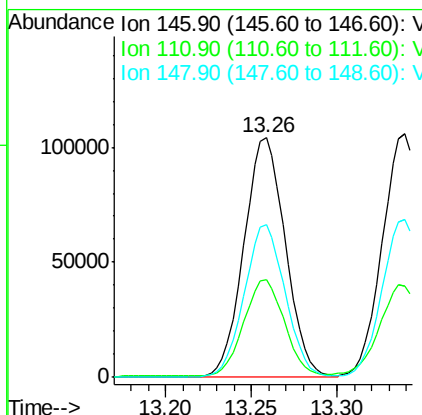
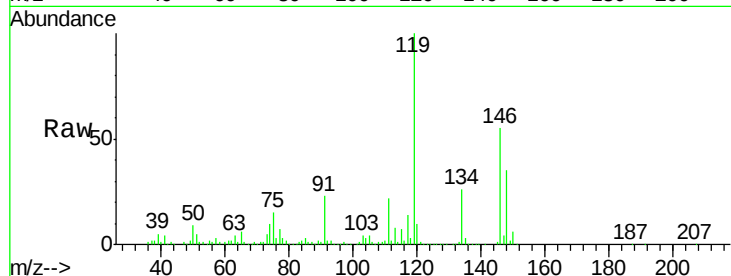




#87  
 1,3-Dichlorobenzene  
 Concen: 18.963 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

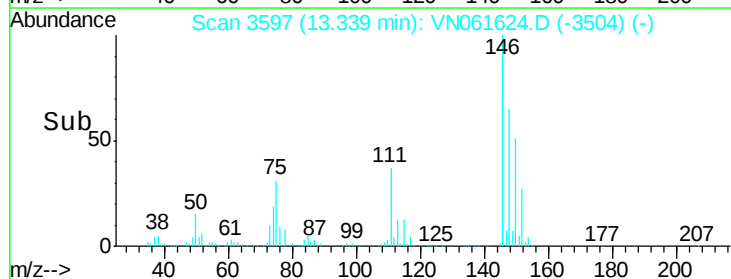
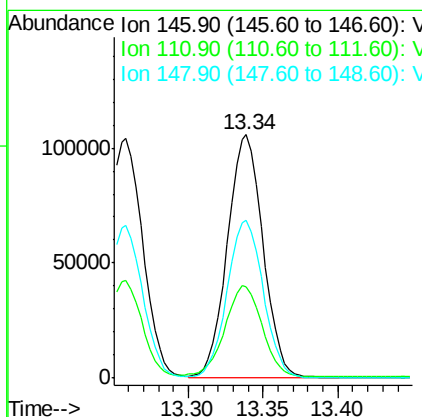
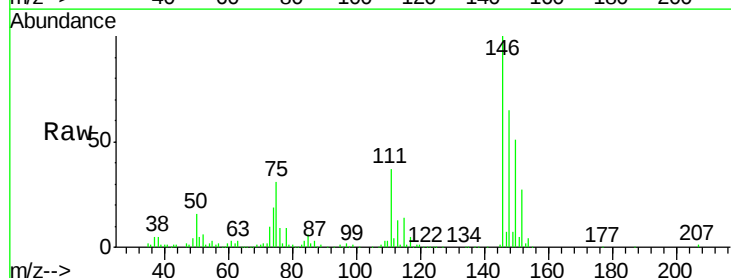
Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:146 Resp: 174249  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 19.2 57.6  
 148 63.0 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 18.727 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion:146 Resp: 175309  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 18.9 56.9  
 148 66.2 31.8 95.3





#89

n-Butylbenzene

Concen: 17.804 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampled :

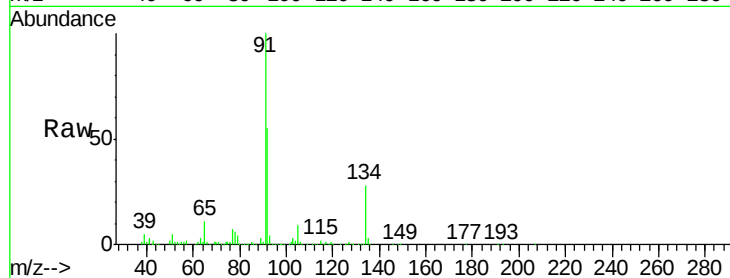
Tot Ion: 91 Resp: 265667

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.6

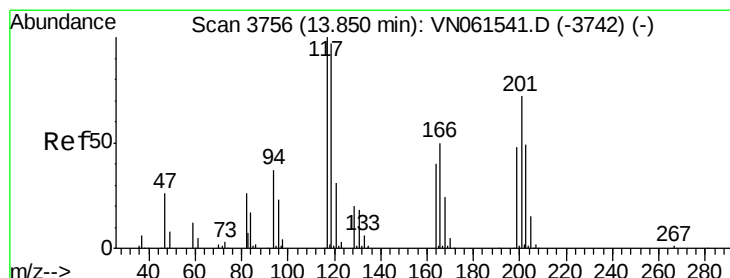
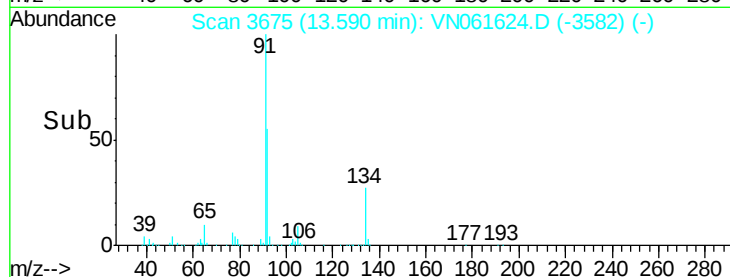
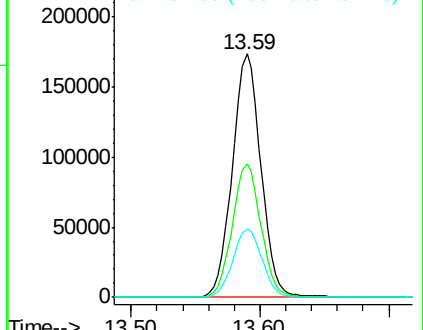
134 29.0 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061624.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061624.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061624.D (-3661) (-)



#90

Hexachloroethane

Concen: 17.671 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061624.D

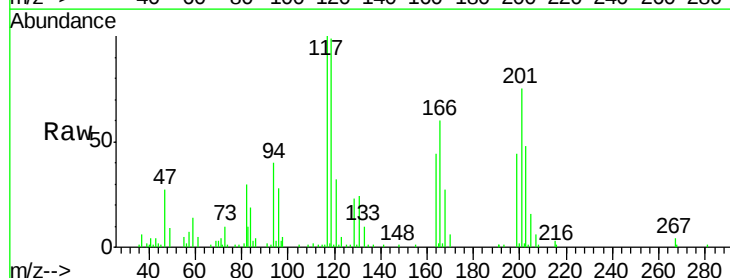
Acq: 2 Jun 2020 17:13

Tgt Ion: 117 Resp: 34815

Ion Ratio Lower Upper

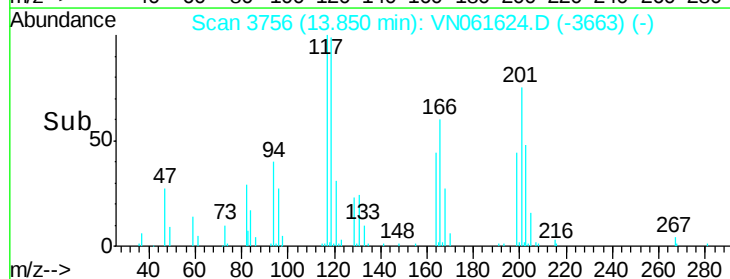
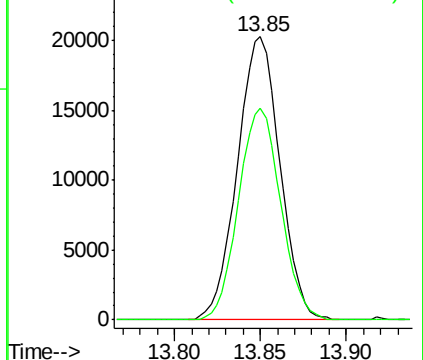
117 100

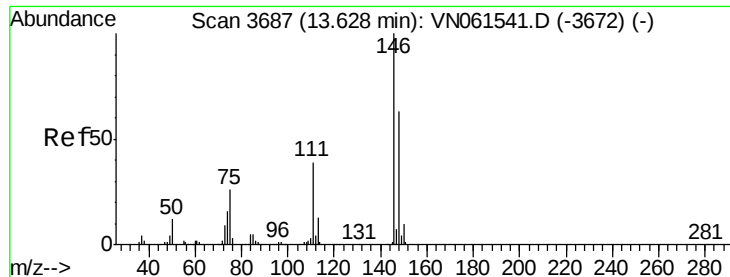
201 74.0 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061624.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061624.D (-3663) (-)

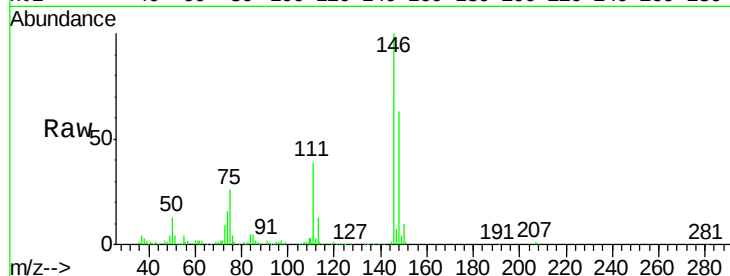




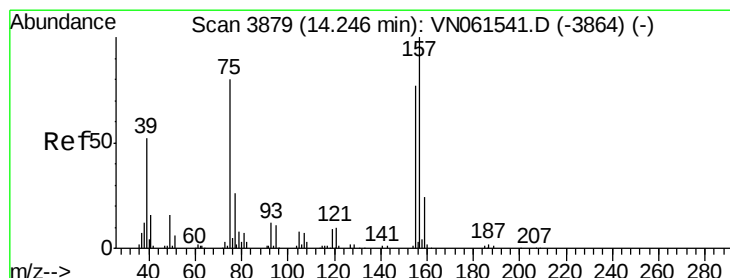
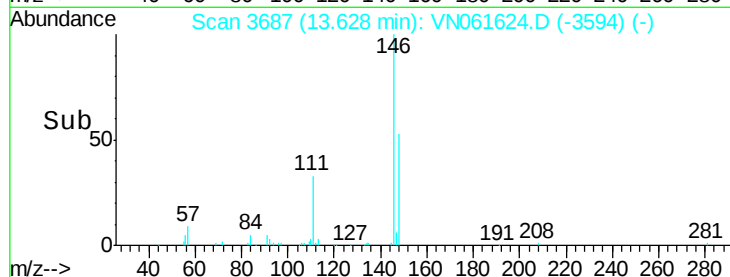
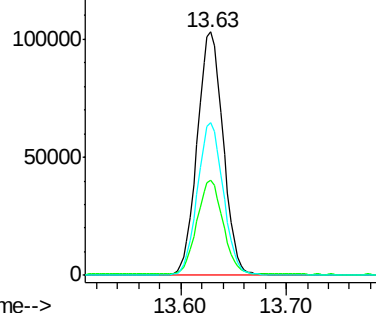
#91  
 1,2-Dichlorobenzene  
 Concen: 20.002 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 20.1  | 60.2  |
| 148     | 62.4  | 31.9  | 95.5  |

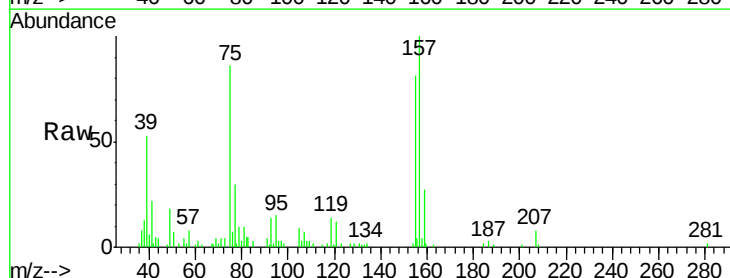


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

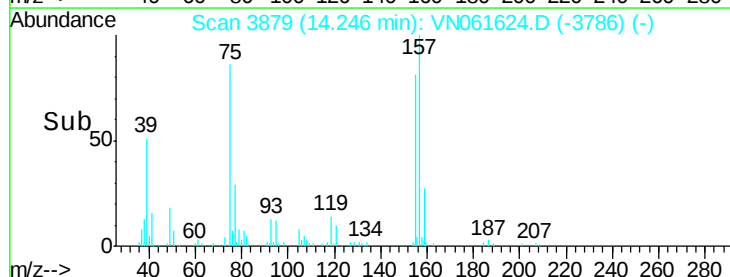
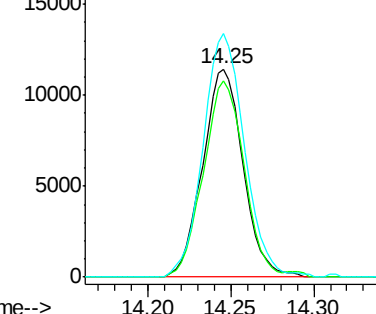


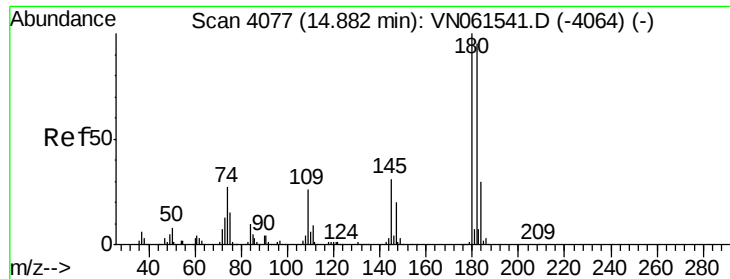
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.721 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 94.4  | 47.1  | 141.4 |
| 157     | 119.5 | 60.3  | 180.8 |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

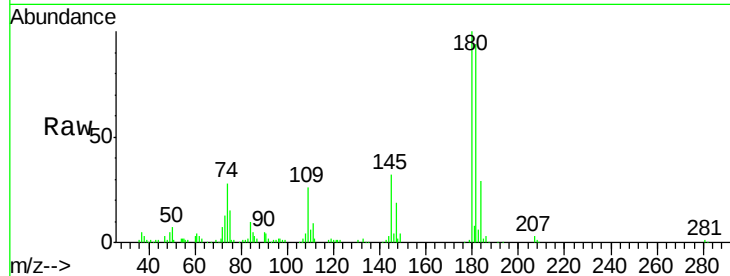




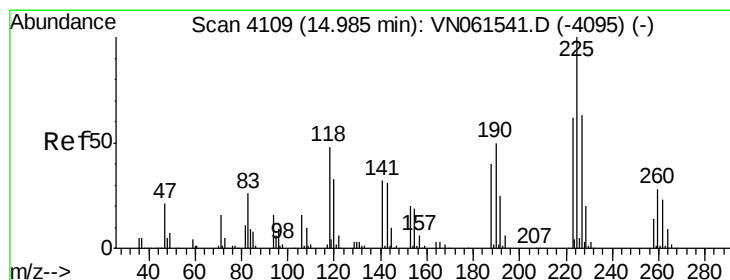
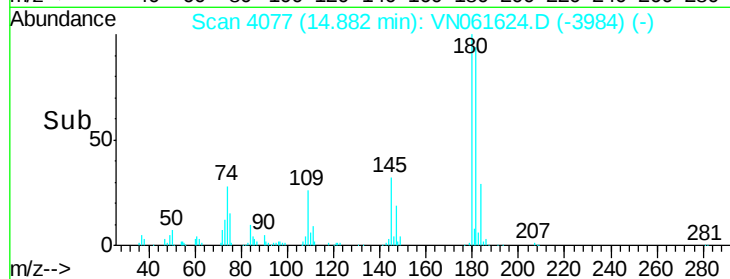
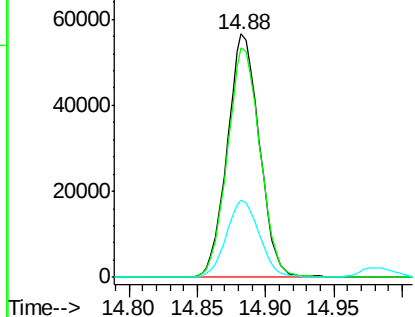
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.999 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 92441  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 47.8 143.3  
 145 32.7 15.5 46.5

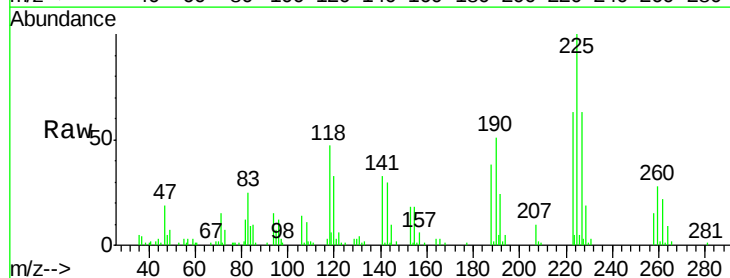


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

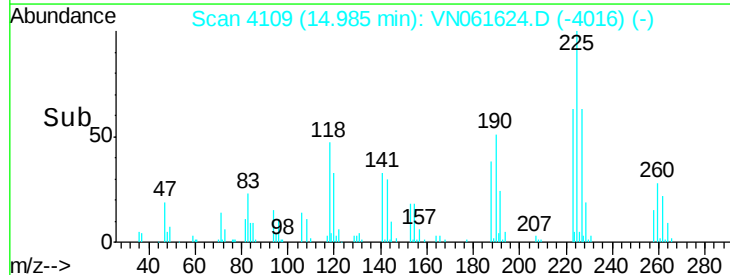
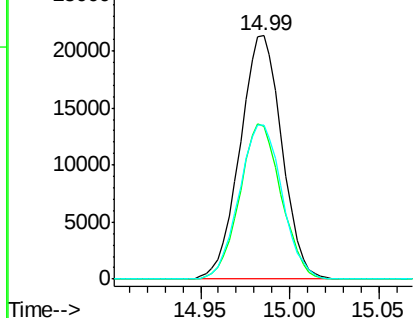


#94  
 Hexachlorobutadiene  
 Concen: 15.917 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN061624.D  
 Acq: 2 Jun 2020 17:13

Tgt Ion:225 Resp: 34864  
 Ion Ratio Lower Upper  
 225 100  
 223 63.0 31.9 95.5  
 227 64.8 31.9 95.9



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: 18.699 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

Instrument :

MSVOA\_N

ClientSampled :

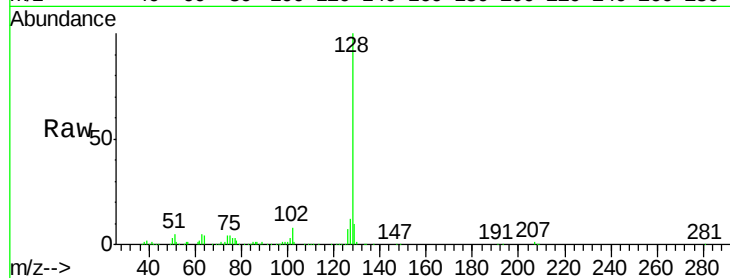
Tot Ion:128 Resp: 292310

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

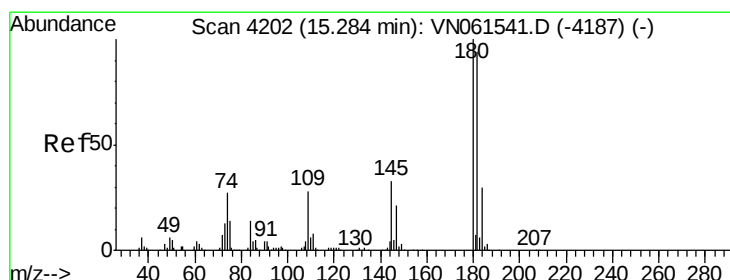
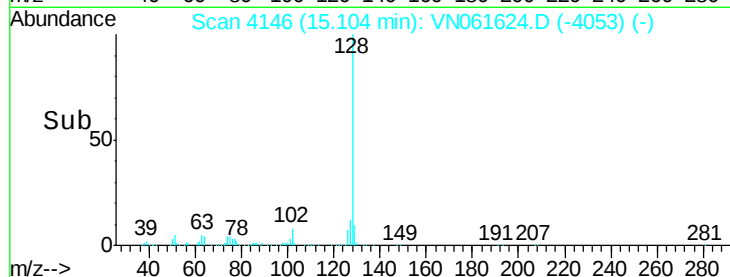
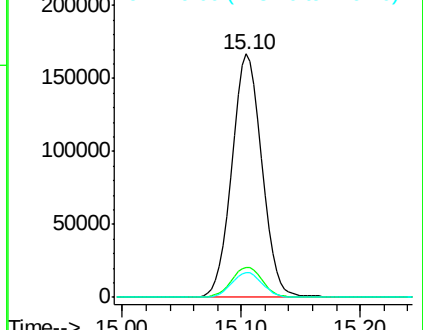
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.549 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061624.D

Acq: 2 Jun 2020 17:13

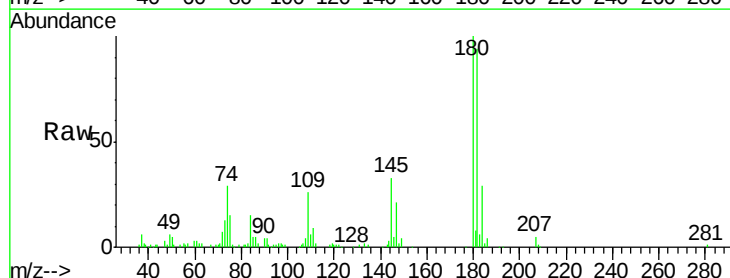
Tgt Ion:180 Resp: 93665

Ion Ratio Lower Upper

180 100

182 93.0 47.1 141.3

145 32.8 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

