

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\  
 Data File : VN064009.D  
 Acq On : 9 Oct 2020 00:28  
 Operator : JC/MD  
 Sample : VN1008WBSD02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

Quant Time: Oct 09 04:09:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 01:46:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 269082   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 455642   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 422354   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 189817   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 218272   | 49.10 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.20% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 155115   | 49.06 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.12% |      |
| 50) Toluene-d8            | 10.06  | 98  | 571234   | 47.66 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.32% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 204672   | 45.43 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.86% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 47487  | 16.725  | ug/l | 96     |
| 3) Chloromethane              | 2.04 | 50  | 58476  | 17.553  | ug/l | 92     |
| 4) Vinyl Chloride             | 2.16 | 62  | 58775  | 17.576  | ug/l | 99     |
| 5) Bromomethane               | 2.53 | 94  | 36388  | 17.299  | ug/l | 96     |
| 6) Chloroethane               | 2.67 | 64  | 38673  | 19.353  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 97751  | 18.431  | ug/l | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 34228  | 19.082  | ug/l | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 50816  | 17.926  | ug/l | 97     |
| 10) Methyl Iodide             | 3.91 | 142 | 56866  | 17.277  | ug/l | 97     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 59710  | 121.661 | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 50845  | 18.765  | ug/l | 93     |
| 13) Acrolein                  | 3.57 | 56  | 42665  | 141.641 | ug/l | 100    |
| 14) Allyl chloride            | 4.28 | 41  | 102464 | 20.355  | ug/l | 90     |
| 15) Acrylonitrile             | 4.93 | 53  | 155377 | 110.600 | ug/l | 99     |
| 16) Acetone                   | 3.78 | 43  | 147430 | 107.735 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 129012 | 18.070  | ug/l | 98     |
| 18) Methyl Acetate            | 4.28 | 43  | 81495  | 22.937  | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 193165 | 19.622  | ug/l | 99     |
| 20) Methylene Chloride        | 4.51 | 84  | 63074  | 20.182  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 54621  | 17.997  | ug/l | 93     |
| 22) Diisopropyl ether         | 5.90 | 45  | 220027 | 21.244  | ug/l | 95     |
| 23) Vinyl Acetate             | 5.85 | 43  | 874153 | 101.891 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 116157 | 19.615  | ug/l | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 225894 | 116.433 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 81525  | 15.033  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 64912  | 18.596  | ug/l | 98     |
| 28) Bromochloromethane        | 7.15 | 49  | 59426  | 20.304  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 151714 | 116.593 | ug/l | 96     |
| 30) Chloroform                | 7.33 | 83  | 118585 | 19.205  | ug/l | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 90964  | 17.626  | ug/l | # 92   |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 107047 | 19.221  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 7.76 | 75  | 78611  | 17.030  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 91088  | 19.862  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 90264  | 17.438  | ug/l | 98     |

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Quant Time: Oct 09 04:09:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 01:46:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 72888    | 15.834  | ug/l   | 99       |
| 40) Benzene                    | 8.00  | 78   | 246263   | 18.678  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.12  | 41   | 41993    | 20.602  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 104624   | 18.590  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 153440   | 20.284  | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 59607    | 17.254  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 69020    | 19.383  | ug/l   | 97       |
| 46) Dibromomethane             | 9.17  | 93   | 45139    | 18.376  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 94247    | 18.617  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 77988    | 20.867  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 23838    | 448.783 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 486638   | 109.621 | ug/l   | 99       |
| 52) Toluene                    | 10.13 | 92   | 151248   | 18.546  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 95961    | 17.683  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 101920   | 17.958  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 63925    | 19.546  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 88640    | 19.121  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 108614   | 19.630  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 242576   | 97.822  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 353686   | 107.250 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.87 | 129  | 68931    | 18.098  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 64461    | 19.268  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.60 | 164  | 57056    | 17.461  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.41 | 112  | 158829   | 18.332  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 63855    | 19.225  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 283362   | 17.974  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.59 | 106  | 210863   | 35.888  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 100616   | 18.321  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 169897   | 18.225  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 46548    | 18.324  | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.22 | 105  | 264737   | 19.121  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 123013   | 20.485  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 92167    | 21.770  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 121363   | 29.004  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 68368    | 20.125  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.57 | 91   | 301773   | 18.729  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 191797   | 19.354  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 221958   | 19.109  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 27536    | 18.954  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 196831   | 19.133  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 179302   | 18.872  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 222128   | 19.154  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 230039   | 18.434  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 201394   | 18.243  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 117036   | 19.042  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 115753   | 18.088  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 159773   | 15.681  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 40162    | 18.774  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 117253   | 19.261  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 19484    | 19.624  | ug/l   | 98       |

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Sample : VN1008WBSD02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 36 Sample Multiplier: 1

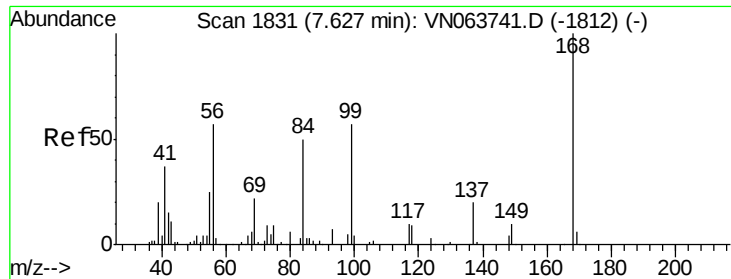
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

Quant Time: Oct 09 04:09:44 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 01:46:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 49253    | 16.099 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 30494    | 18.517 | ug/l  | 97       |
| 95) Naphthalene            | 15.11 | 128  | 147247   | 15.748 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.29 | 180  | 48784    | 16.287 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

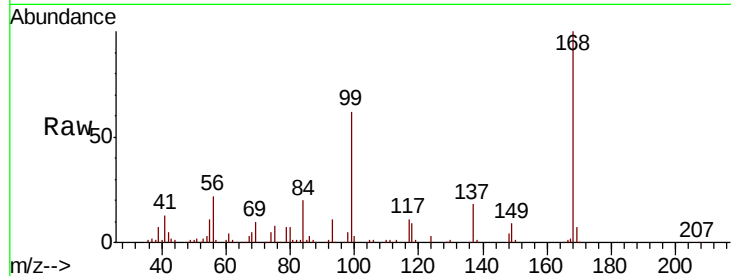
VN1008WBSD02

Tot Ion:168 Resp: 269082

Ion Ratio Lower Upper

168 100

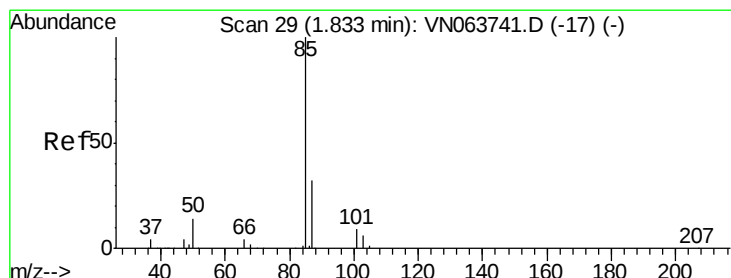
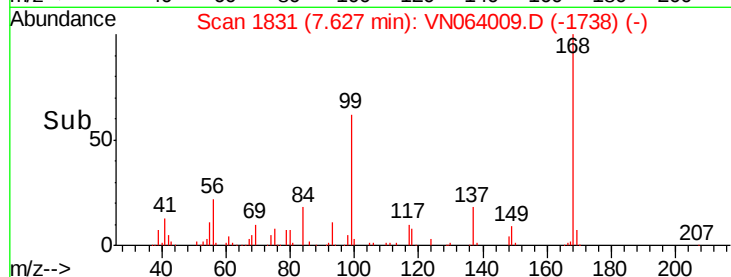
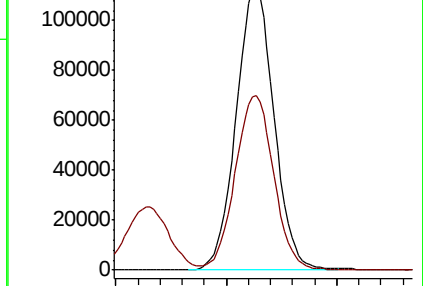
99 61.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63



#2

Dichlorodifluoromethane

Concen: 16.725 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064009.D

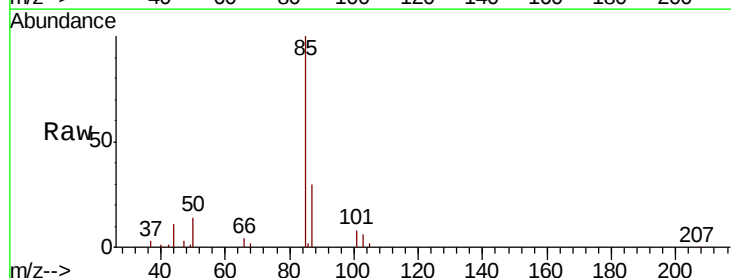
Acq: 9 Oct 2020 00:28

Tgt Ion: 85 Resp: 47487

Ion Ratio Lower Upper

85 100

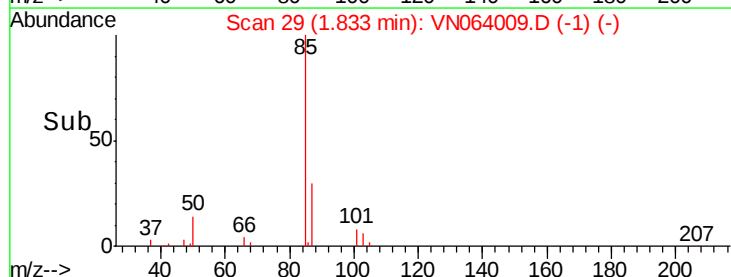
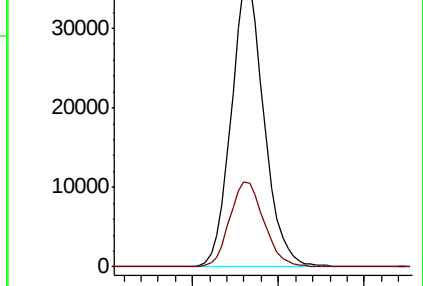
87 29.7 16.0 48.0

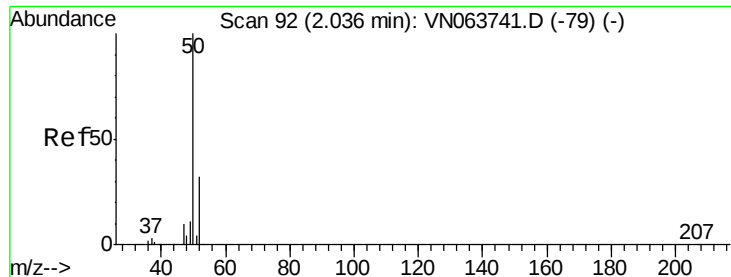


Abundance Ion 84.90 (84.60 to 85.60): VN063741.D (-17) (-)

Ion 86.90 (86.60 to 87.60): VN063741.D (-17) (-)

1.83





#3

Chloromethane

Concen: 17.553 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

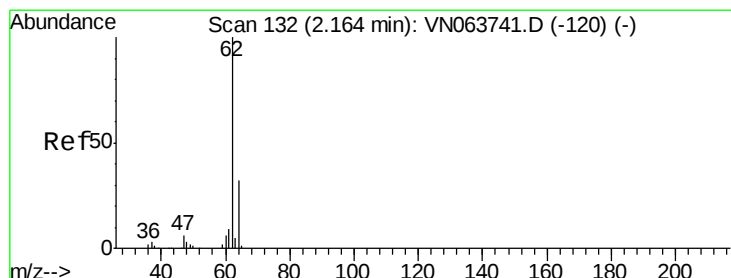
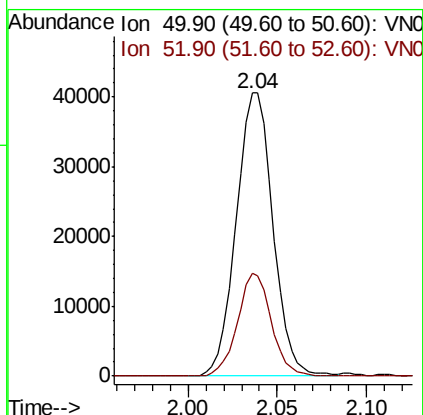
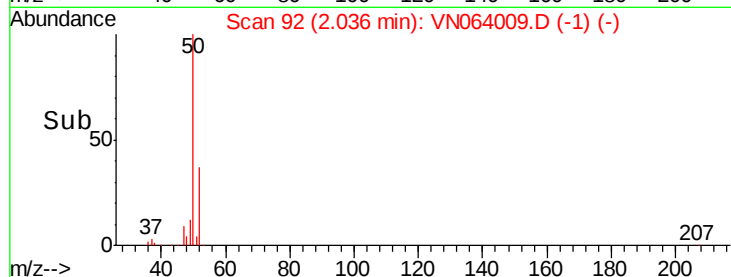
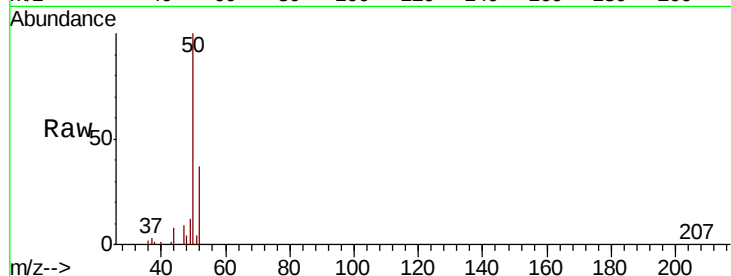
VN1008WBSD02

Tot Ion: 50 Resp: 58476

Ion Ratio Lower Upper

50 100

52 36.6 25.8 38.8



#4

Vinyl Chloride

Concen: 17.576 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064009.D

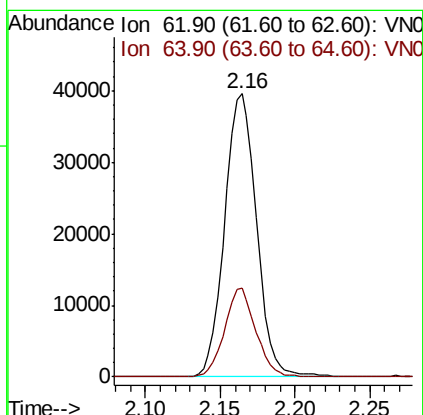
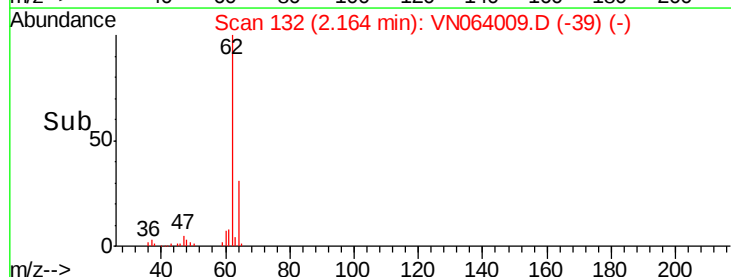
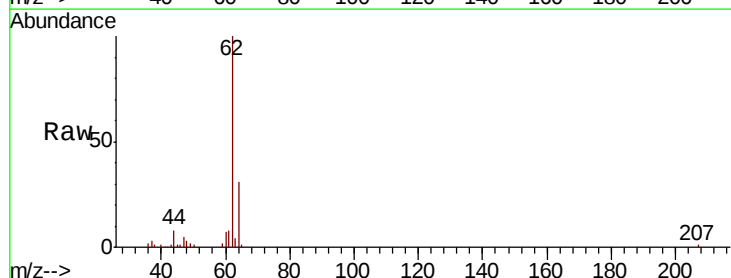
Acq: 9 Oct 2020 00:28

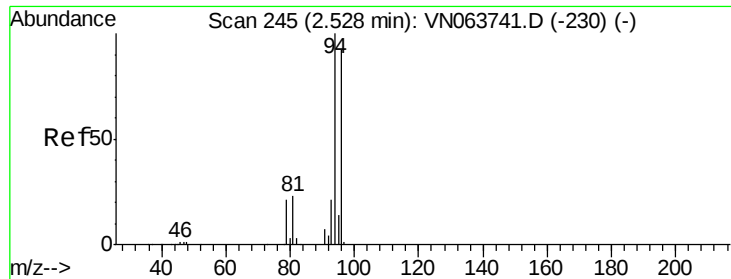
Tgt Ion: 62 Resp: 58775

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 17.299 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

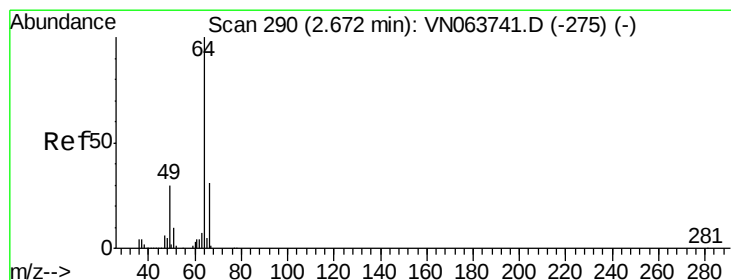
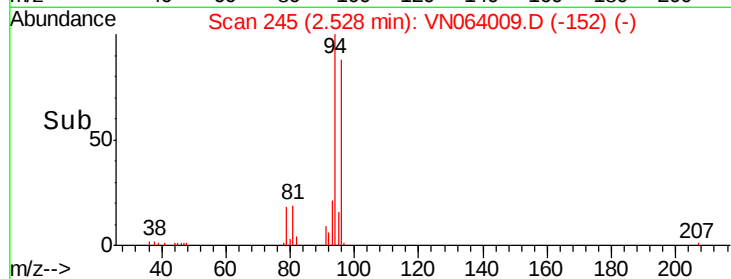
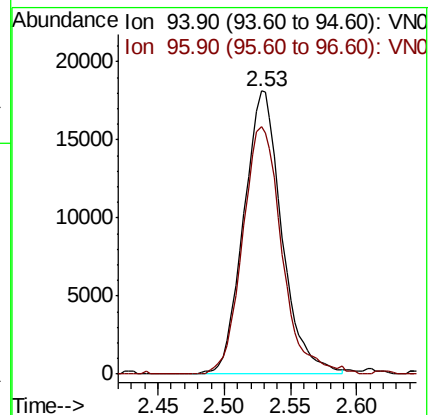
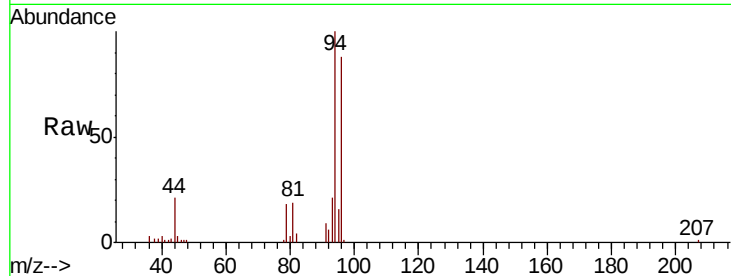
VN1008WBSD02

Tot Ion: 94 Resp: 36388

Ion Ratio Lower Upper

94 100

96 87.6 73.3 109.9



#6

Chloroethane

Concen: 19.353 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064009.D

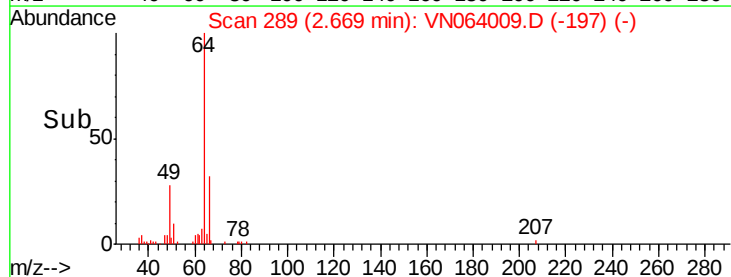
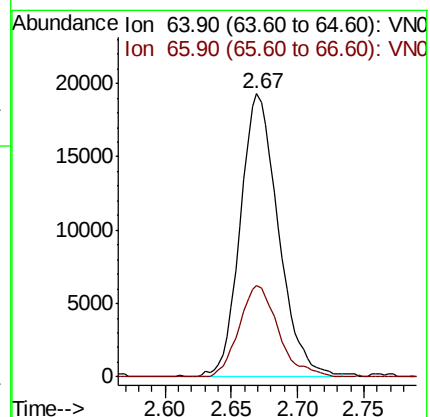
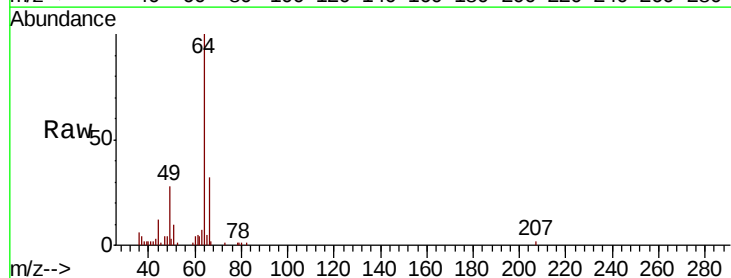
Acq: 9 Oct 2020 00:28

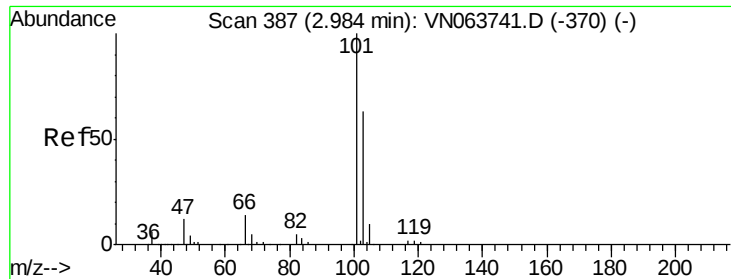
Tgt Ion: 64 Resp: 38673

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



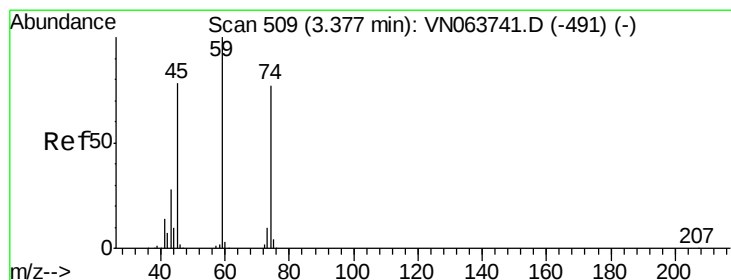
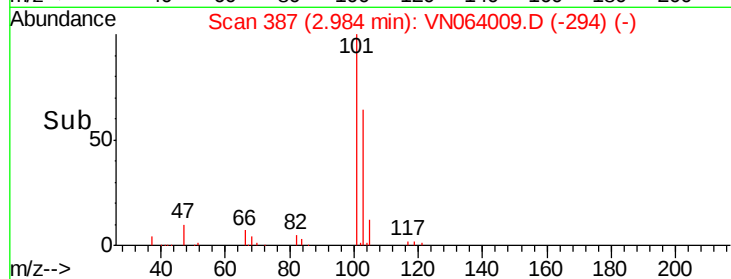
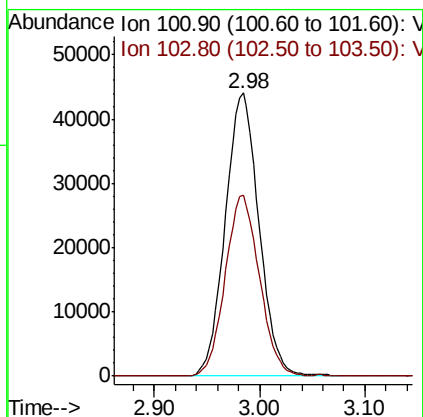
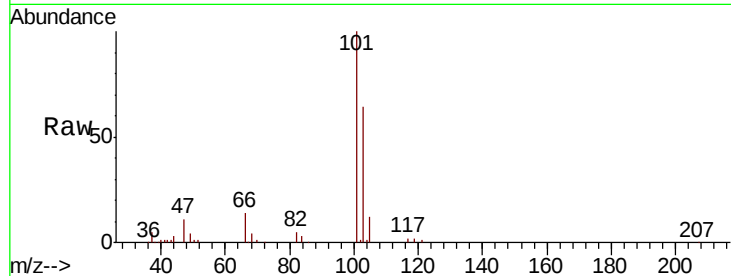


#7

Trichlorofluoromethane  
 Concen: 18.431 ug/l  
 RT: 2.98 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

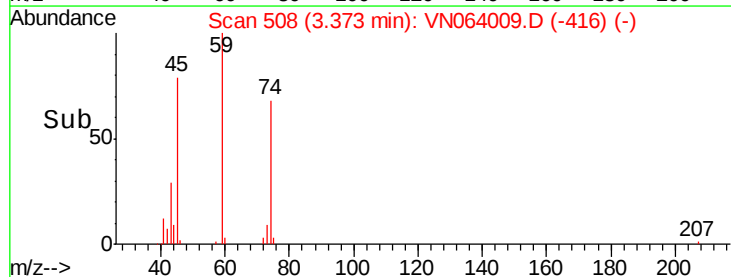
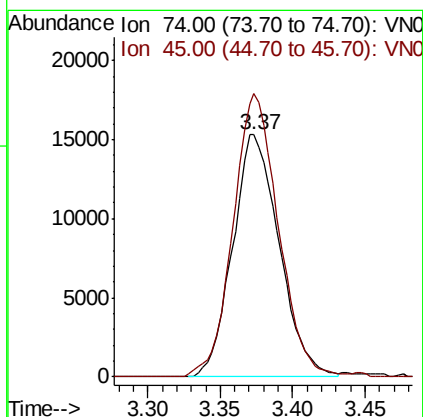
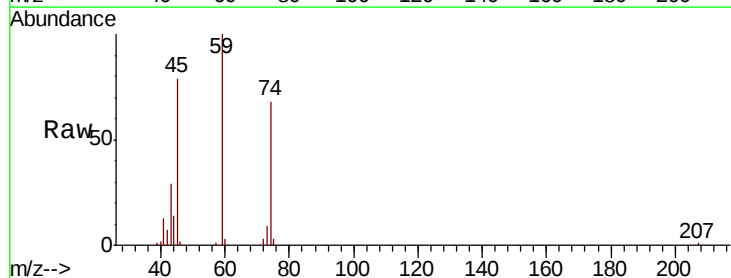
Tot Ion:101 Resp: 97751  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 50.7 76.1

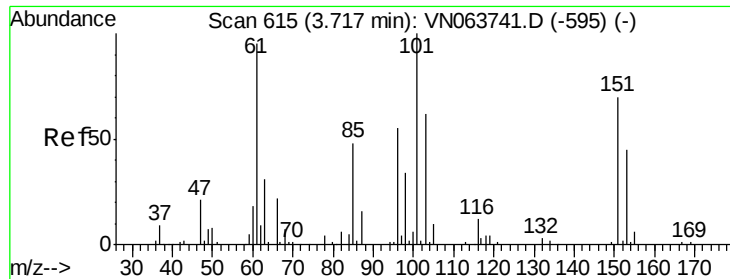


#8

Diethyl Ether  
 Concen: 19.082 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion: 74 Resp: 34228  
 Ion Ratio Lower Upper  
 74 100  
 45 113.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.926 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

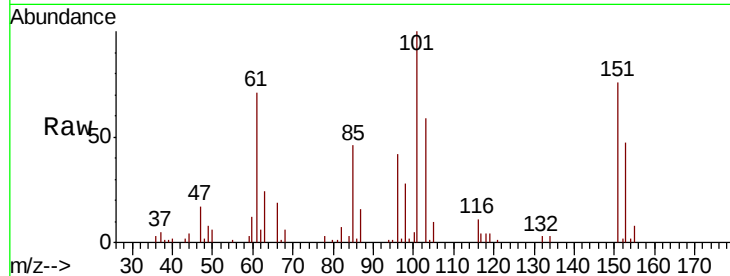
Tot Ion:101 Resp: 50816

Ion Ratio Lower Upper

101 100

85 48.1 38.6 58.0

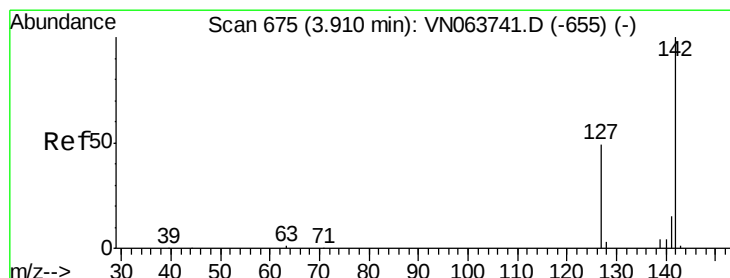
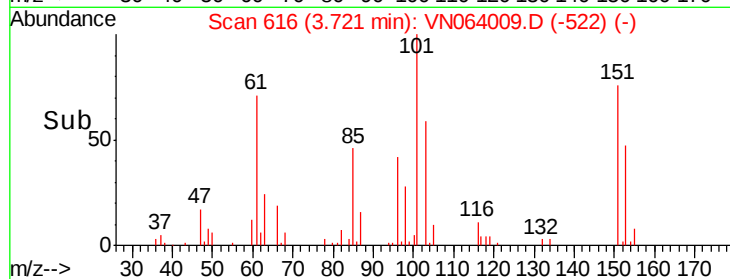
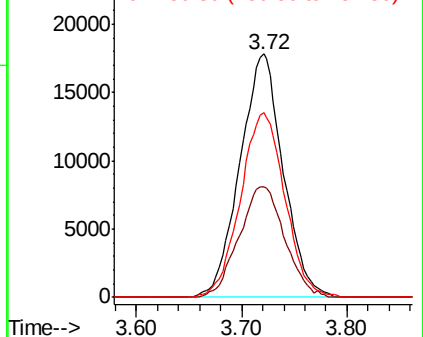
151 77.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.277 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

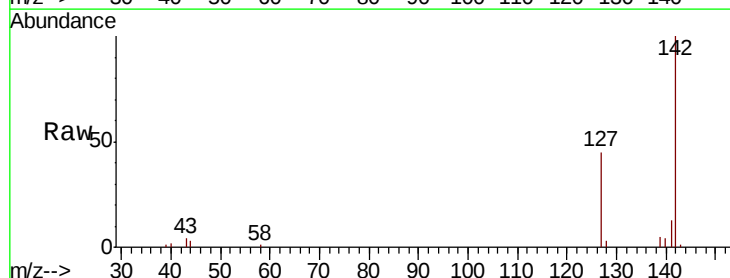
Tgt Ion:142 Resp: 56866

Ion Ratio Lower Upper

142 100

127 48.1 40.5 60.7

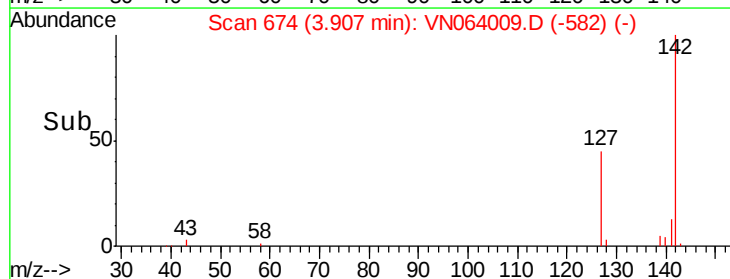
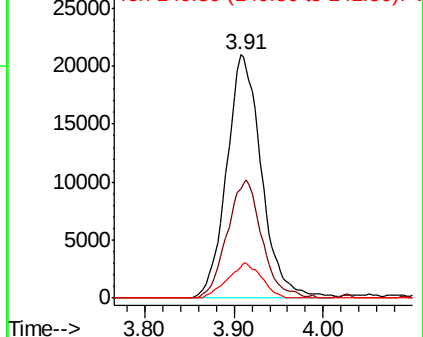
141 14.0 11.7 17.5

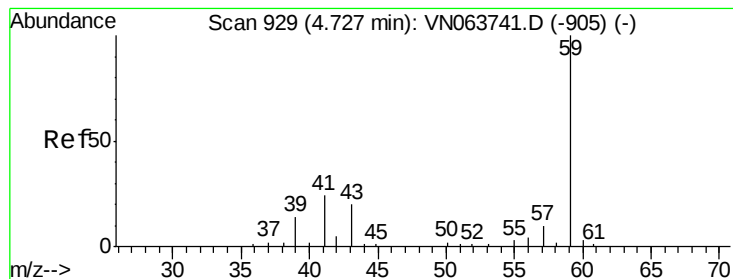


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



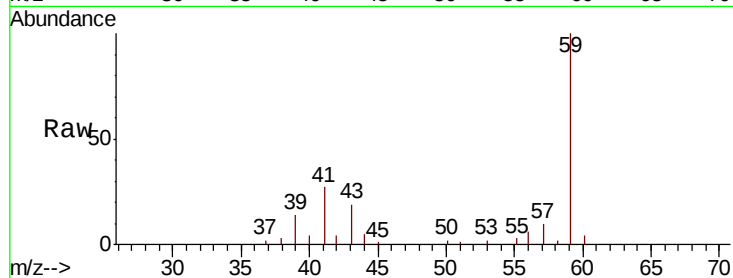


#11

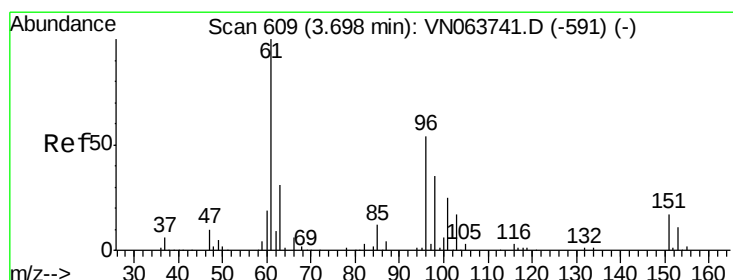
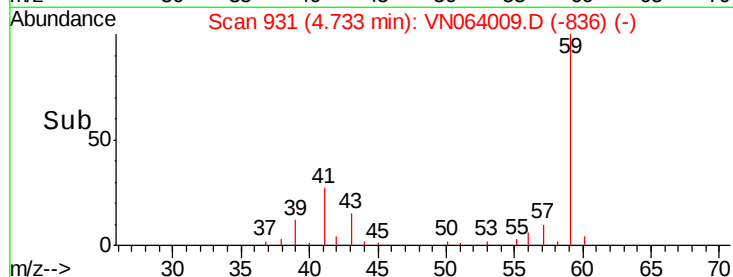
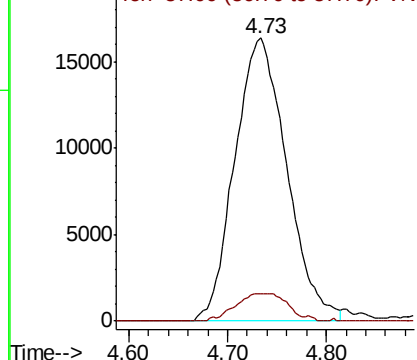
Tert butyl alcohol  
 Concen: 121.661 ug/l  
 RT: 4.73 min Scan# 931  
 Delta R.T. 0.01 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

Tot Ion: 59 Resp: 59710  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.7 13.1



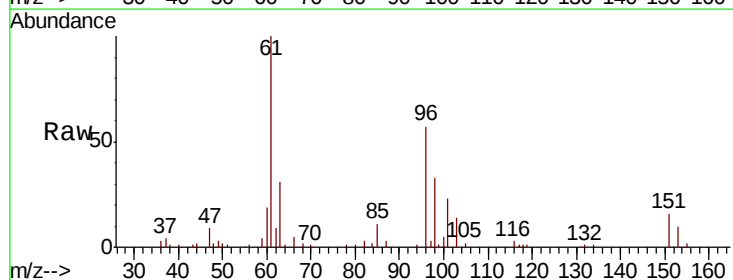
Abundance Ion 59.00 (58.70 to 59.70): VN0  
 Ion 57.00 (56.70 to 57.70): VN0



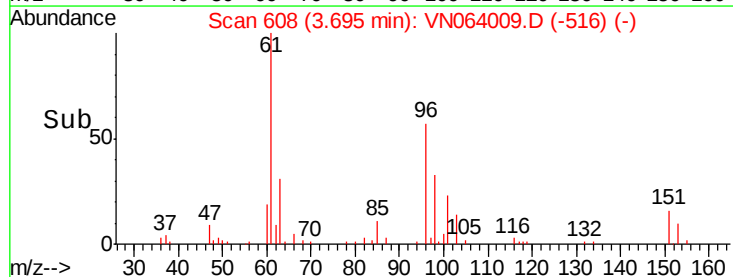
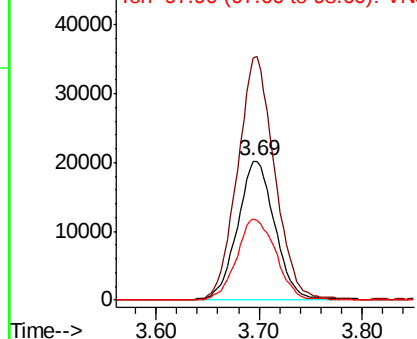
#12

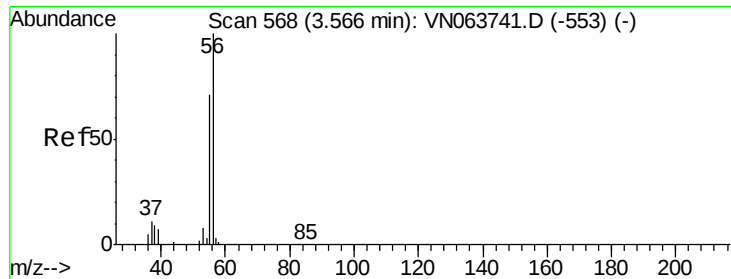
1,1-Dichloroethene  
 Concen: 18.765 ug/l  
 RT: 3.69 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion: 96 Resp: 50845  
 Ion Ratio Lower Upper  
 96 100  
 61 174.5 147.7 221.5  
 98 58.0 51.9 77.9



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





#13

Acrolein

Concen: 141.641 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

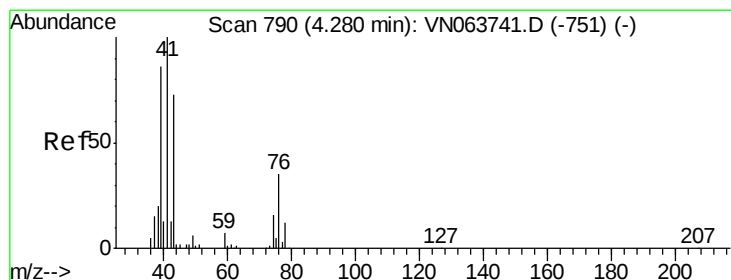
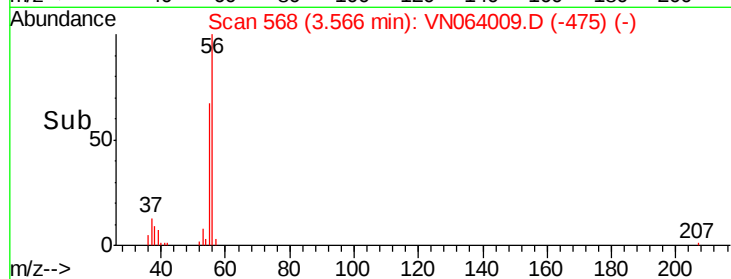
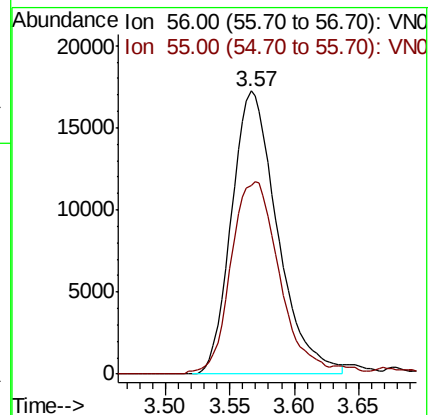
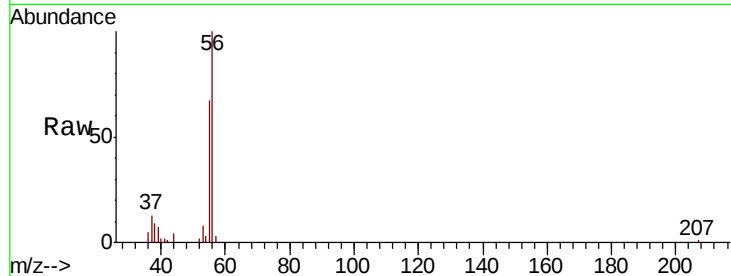
VN1008WBSD02

Tot Ion: 56 Resp: 42665

Ion Ratio Lower Upper

56 100

55 71.3 56.9 85.3



#14

Allyl chloride

Concen: 20.355 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

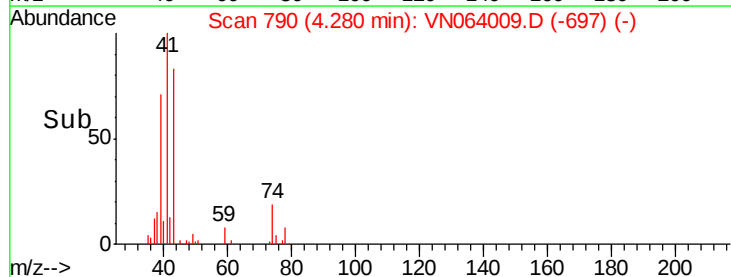
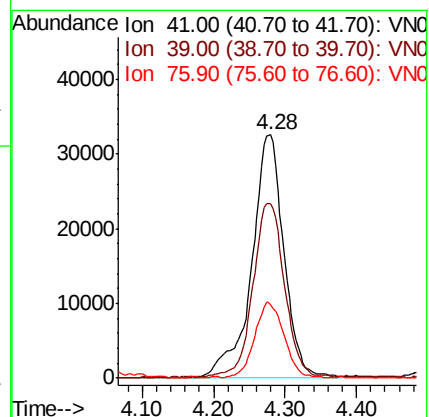
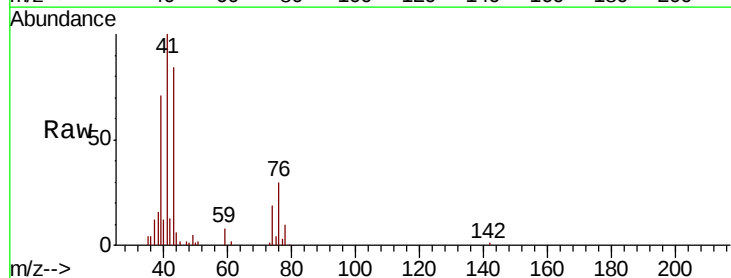
Tgt Ion: 41 Resp: 102464

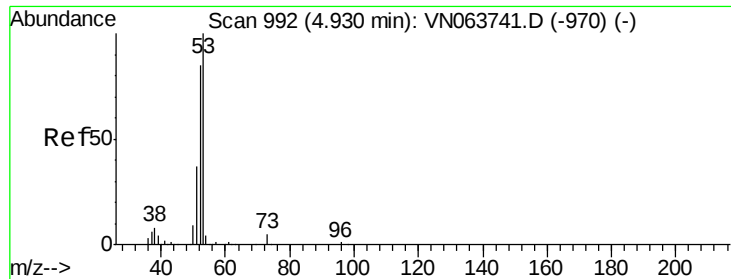
Ion Ratio Lower Upper

41 100

39 70.3 64.5 96.7

76 28.5 25.9 38.9





#15

Acrylonitrile

Concen: 110.600 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

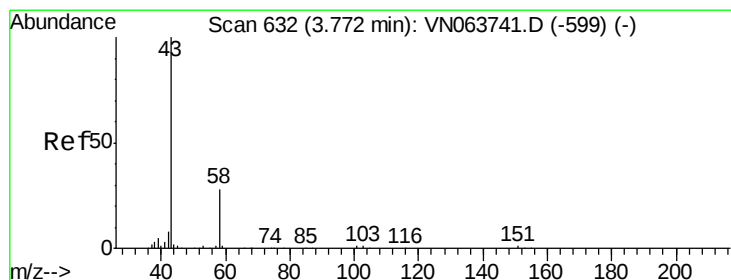
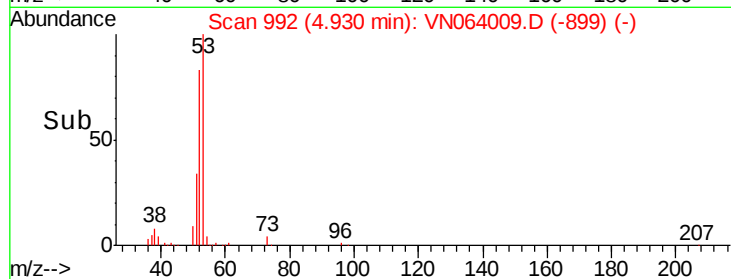
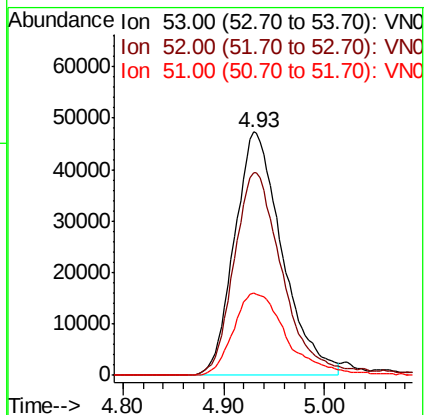
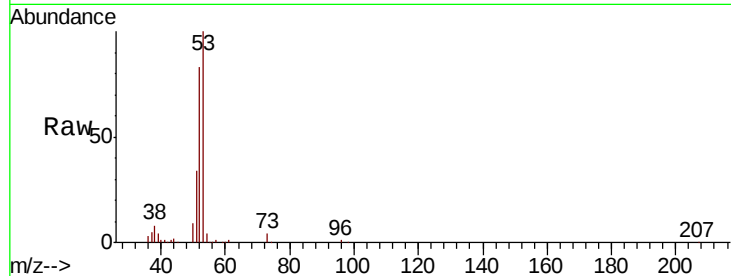
Tot Ion: 53 Resp: 155377

Ion Ratio Lower Upper

53 100

52 84.0 66.5 99.7

51 37.7 29.9 44.9



#16

Acetone

Concen: 107.735 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064009.D

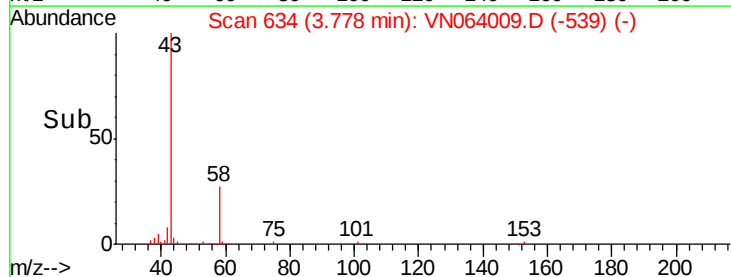
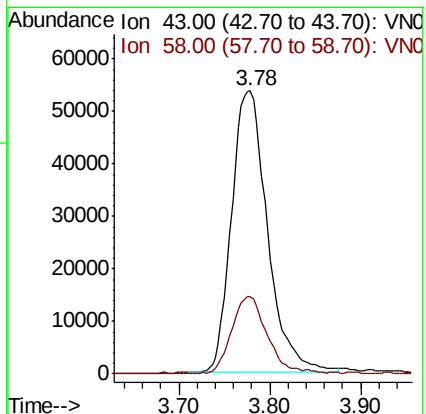
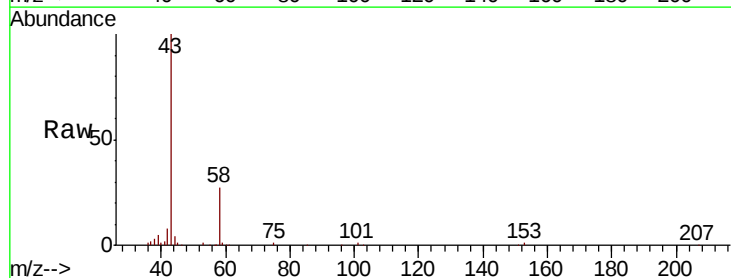
Acq: 9 Oct 2020 00:28

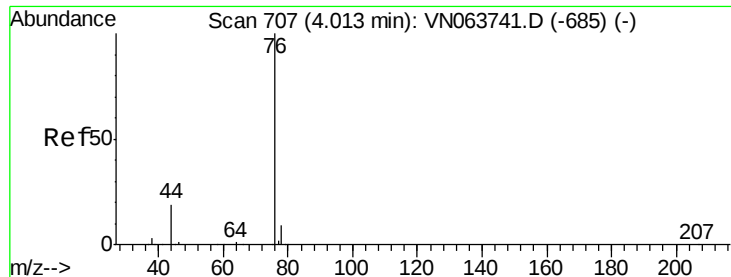
Tgt Ion: 43 Resp: 147430

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5

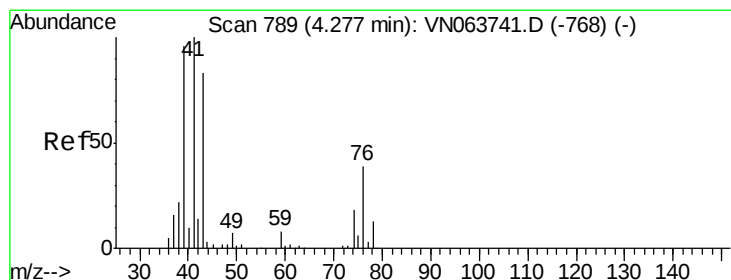
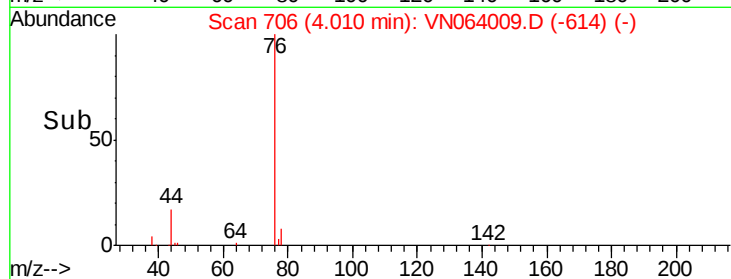
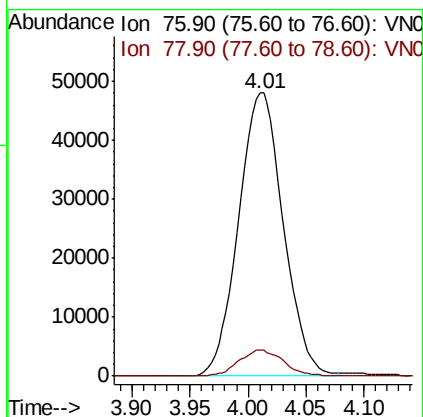
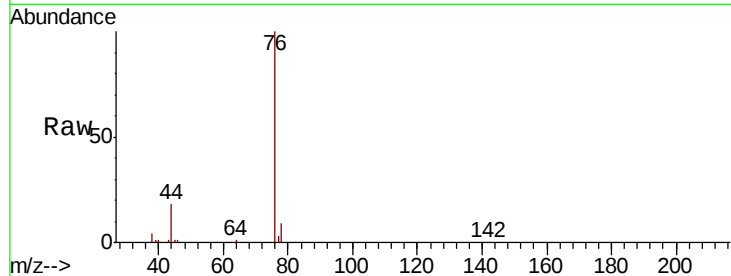




#17  
Carbon Disulfide  
Concen: 18.070 ug/l  
RT: 4.01 min Scan# 706  
Delta R.T. -0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

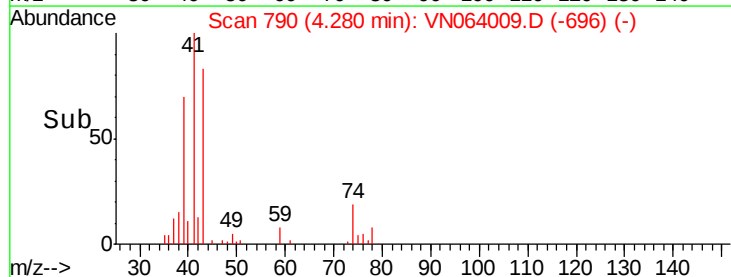
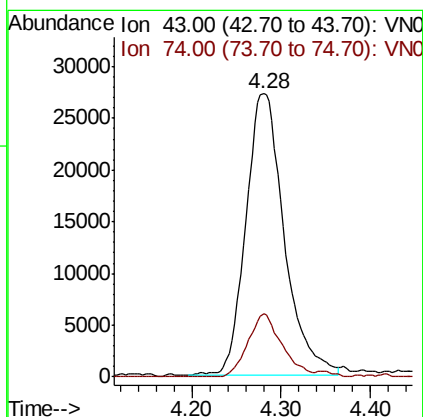
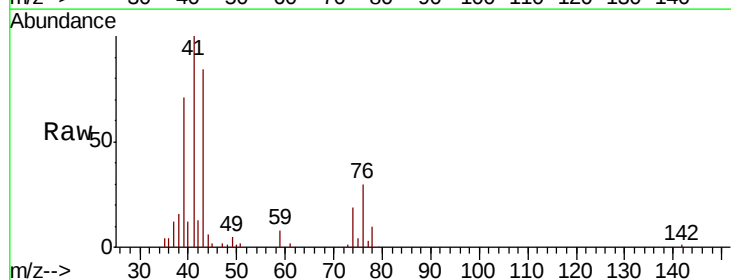
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

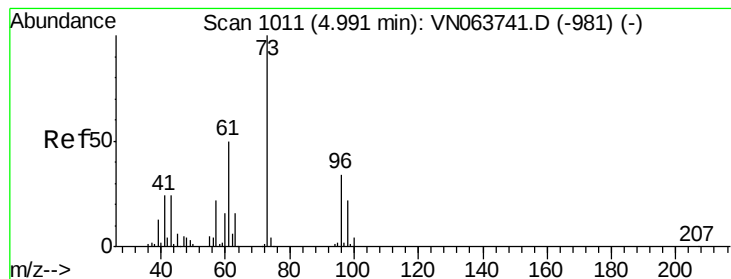
Tot Ion: 76 Resp: 129012  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.4



#18  
Methyl Acetate  
Concen: 22.937 ug/l  
RT: 4.28 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 43 Resp: 81495  
Ion Ratio Lower Upper  
43 100  
74 19.8 17.4 26.2



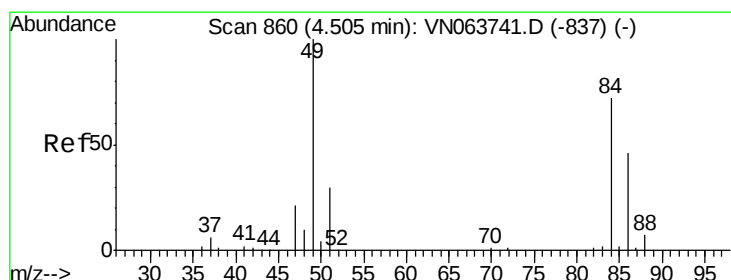
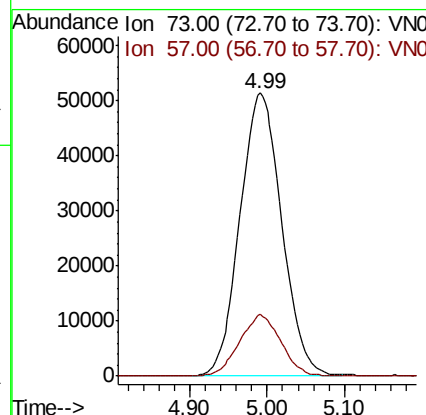
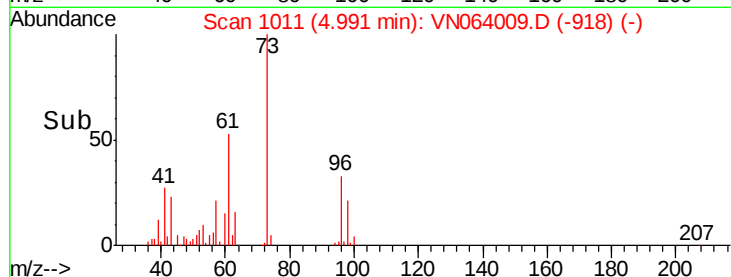
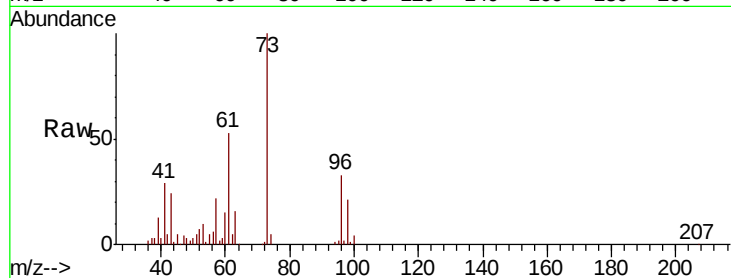


#19

Methyl tert-butyl Ether  
 Concen: 19.622 ug/l  
 RT: 4.99 min Scan# 1011  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

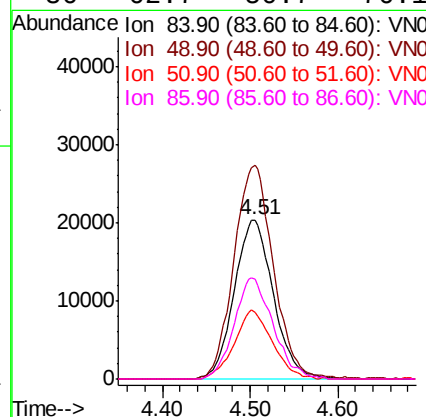
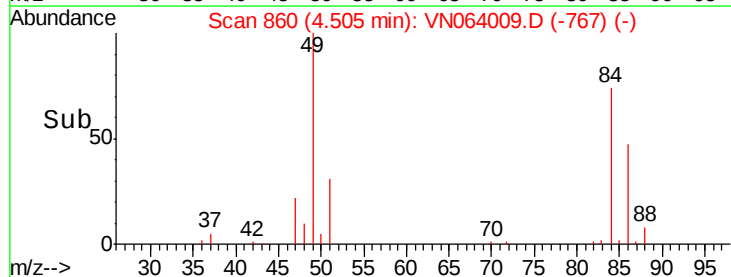
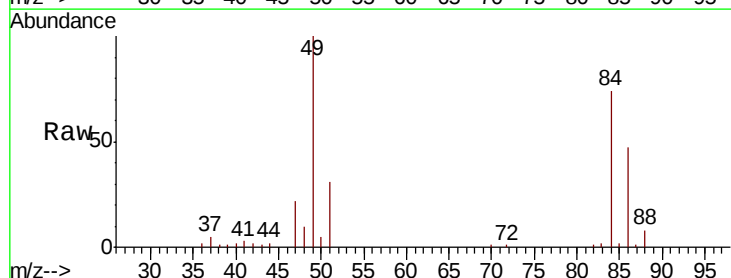
Tot Ion: 73 Resp: 193165  
 Ion Ratio Lower Upper  
 73 100  
 57 21.7 17.6 26.4

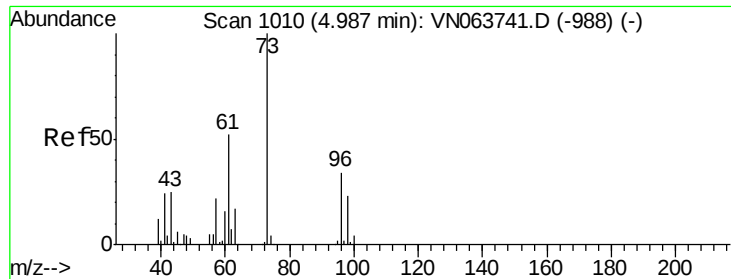


#20

Methylene Chloride  
 Concen: 20.182 ug/l  
 RT: 4.51 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion: 84 Resp: 63074  
 Ion Ratio Lower Upper  
 84 100  
 49 134.5 110.4 165.6  
 51 42.2 33.3 49.9  
 86 62.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 17.997 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

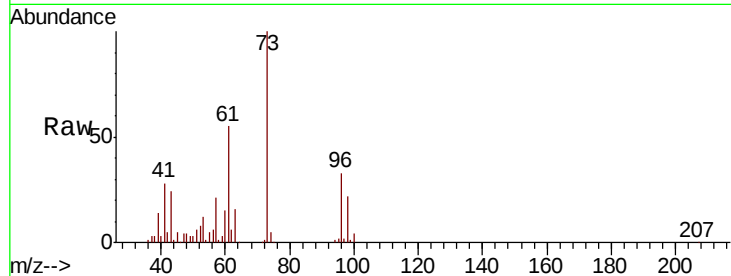
Tot Ion: 96 Resp: 54621

Ion Ratio Lower Upper

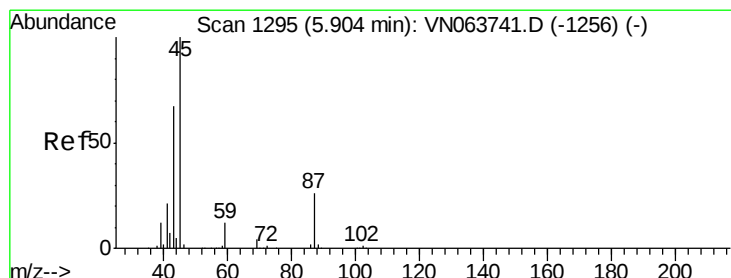
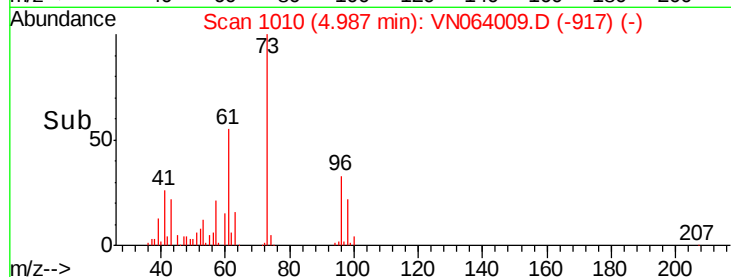
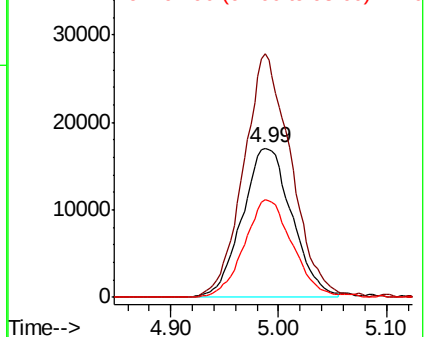
96 100

61 163.5 120.2 180.2

98 65.4 52.6 79.0



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



#22

Diisopropyl ether

Concen: 21.244 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Tgt Ion: 45 Resp: 220027

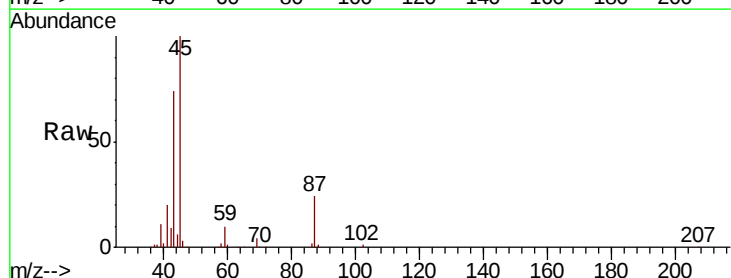
Ion Ratio Lower Upper

45 100

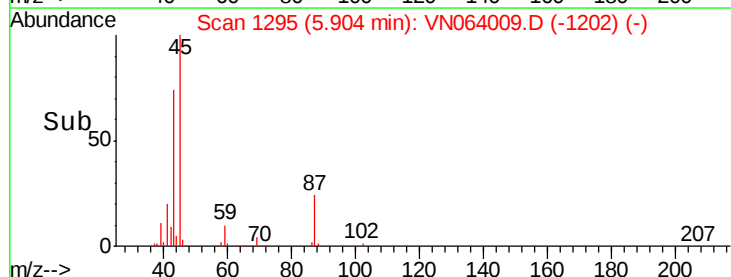
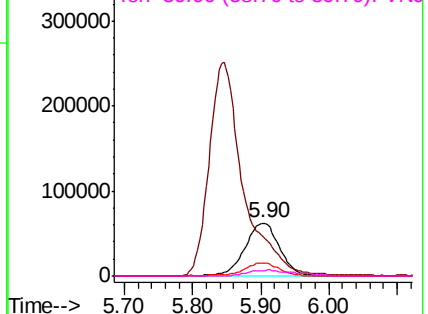
43 71.0 53.7 80.5

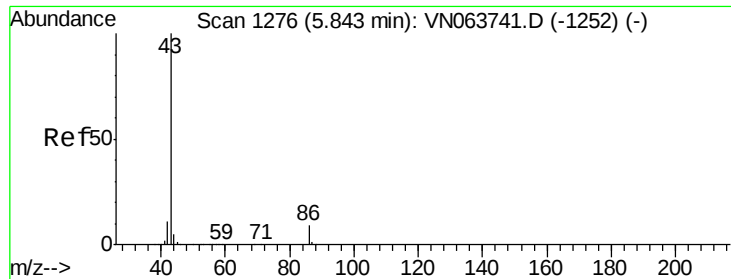
87 24.1 21.1 31.7

59 9.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VNC  
Ion 43.00 (42.70 to 43.70): VNC  
Ion 87.00 (86.70 to 87.70): VNC  
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 101.891 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleID :

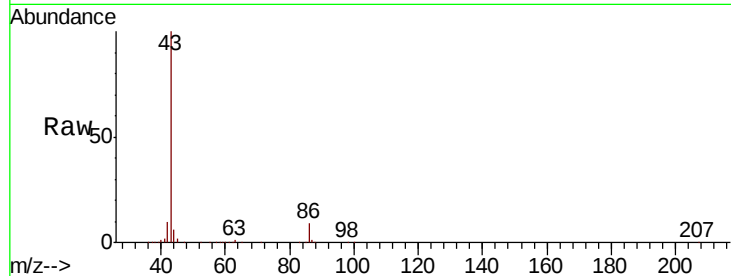
VN1008WBSD02

Tot Ion: 43 Resp: 874153

Ion Ratio Lower Upper

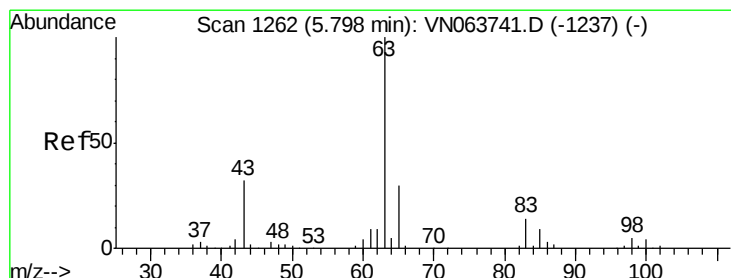
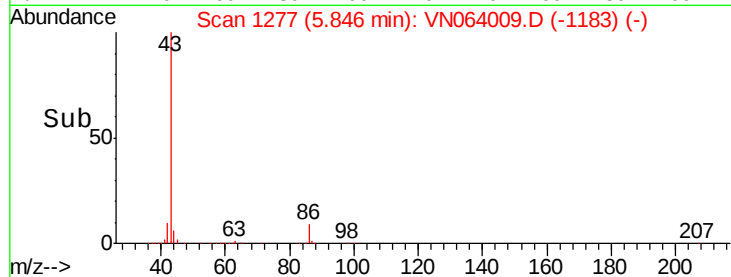
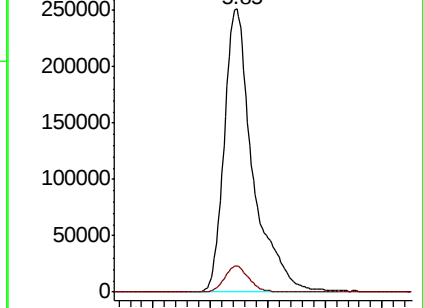
43 100

86 9.2 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN063741.D (-1252) (-)



#24

1,1-Dichloroethane

Concen: 19.615 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

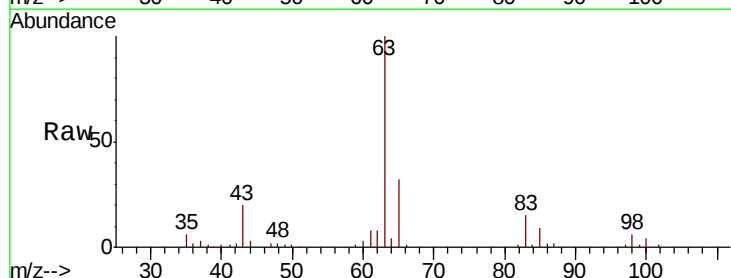
Tgt Ion: 63 Resp: 116157

Ion Ratio Lower Upper

63 100

98 5.7 2.7 8.1

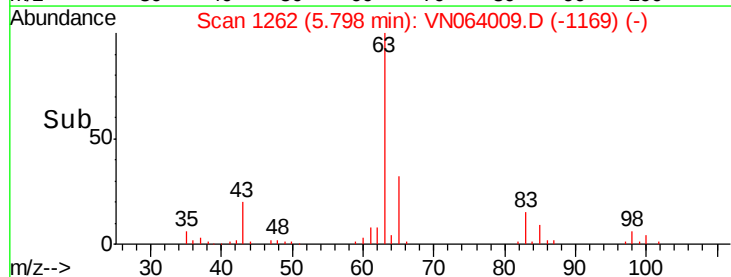
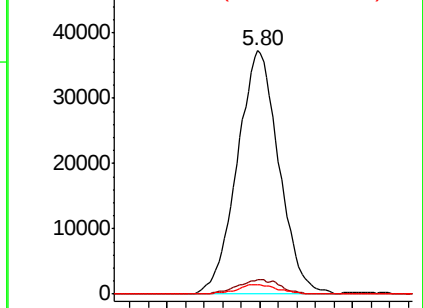
100 4.0 1.9 5.7

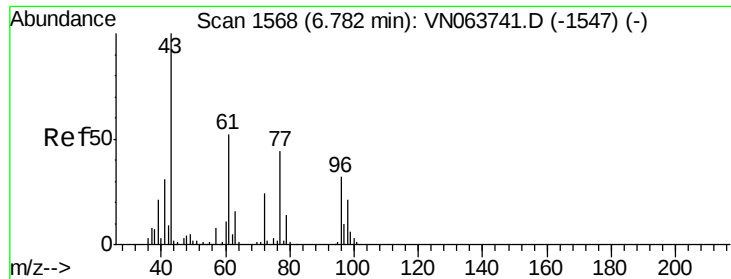


Abundance Ion 62.90 (62.60 to 63.60): VN063741.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN063741.D (-1237) (-)

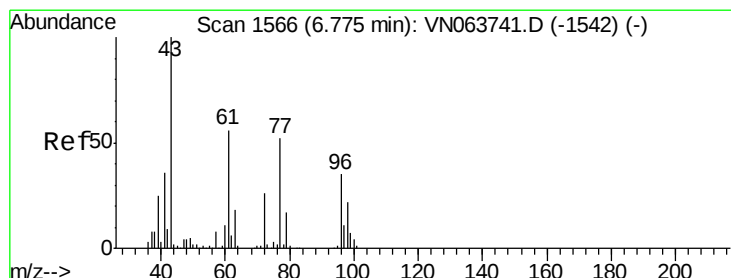
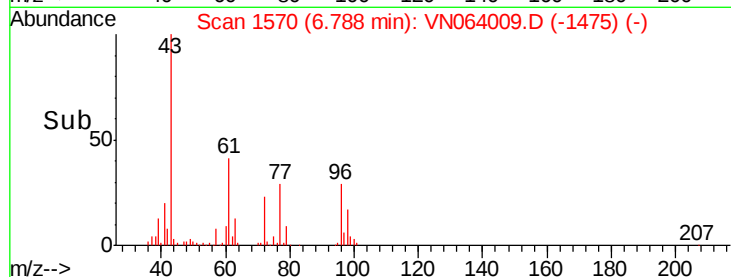
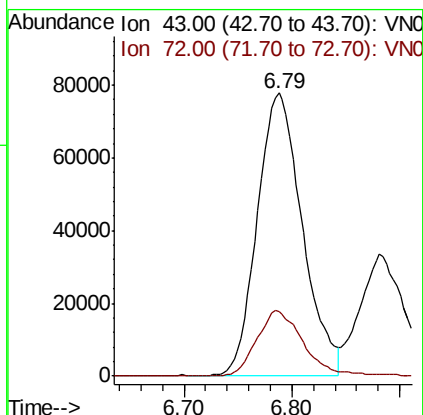
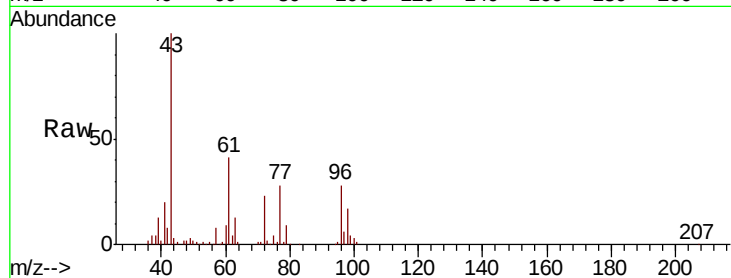




#25  
2-Butanone  
Concen: 116.433 ug/l  
RT: 6.79 min Scan# 1570  
Delta R.T. 0.01 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

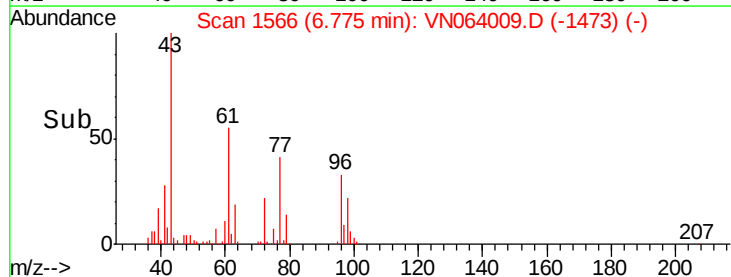
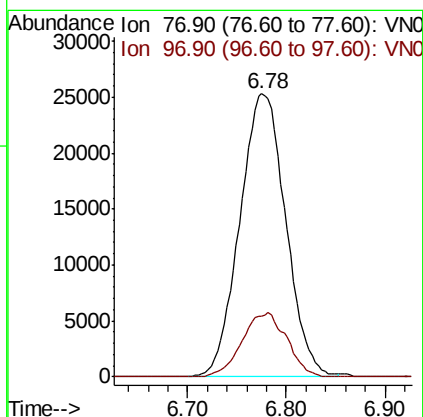
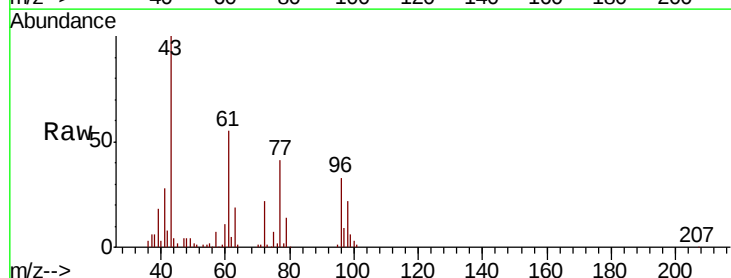
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

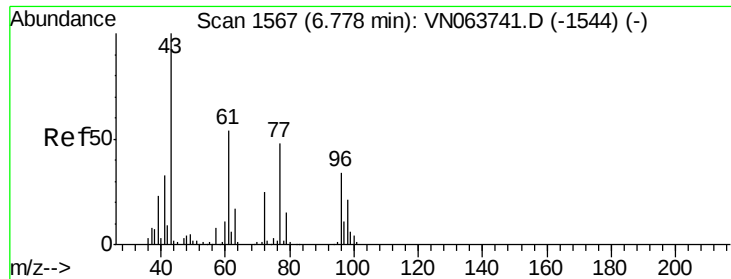
Tot Ion: 43 Resp: 225894  
Ion Ratio Lower Upper  
43 100  
72 23.0 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 15.033 ug/l  
RT: 6.78 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 77 Resp: 81525  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.596 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

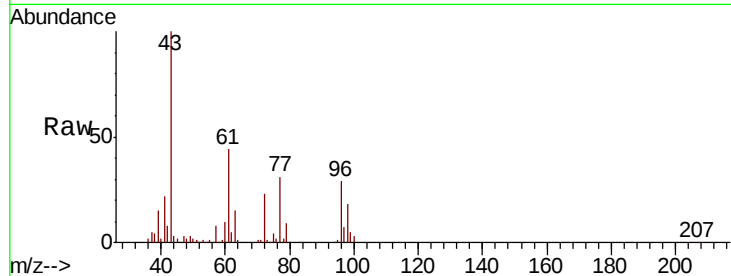
Tot Ion: 96 Resp: 64912

Ion Ratio Lower Upper

96 100

61 157.7 0.0 321.2

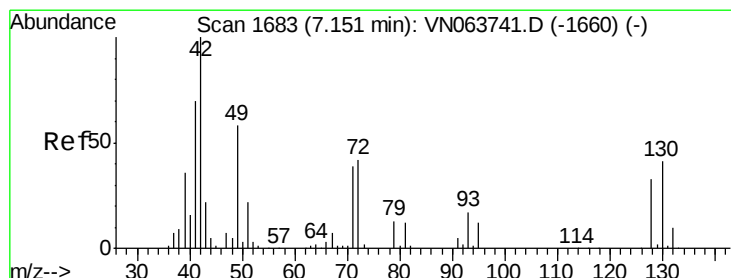
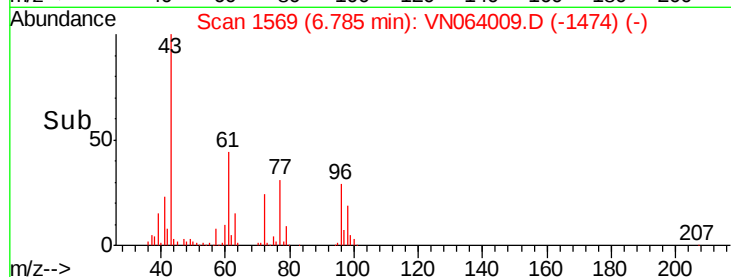
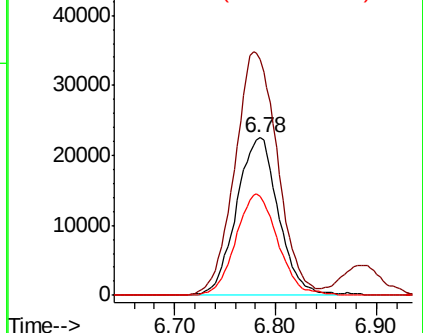
98 64.5 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN064009.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064009.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064009.D (-1474) (-)



#28

Bromochloromethane

Concen: 20.304 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

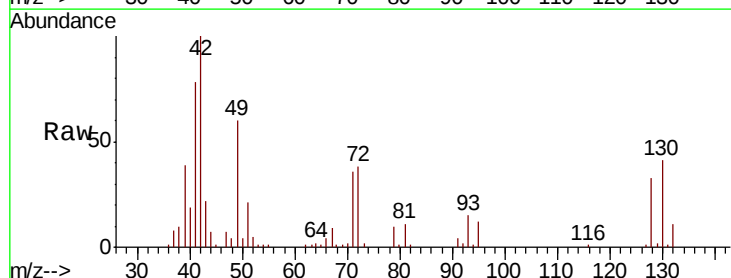
Tgt Ion: 49 Resp: 59426

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

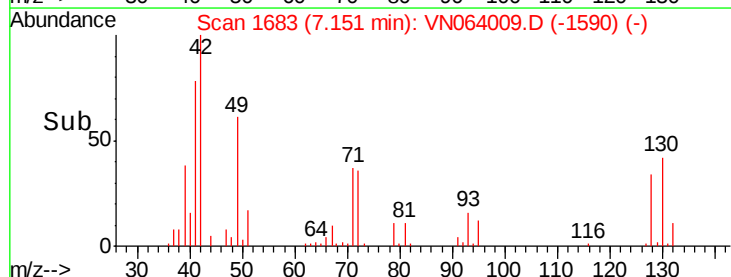
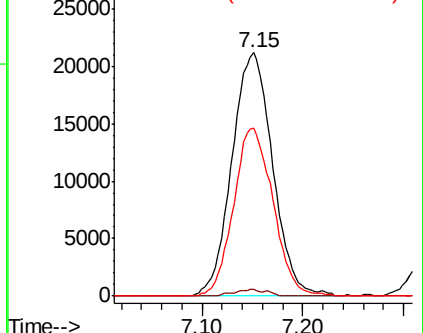
130 66.7 55.6 83.4

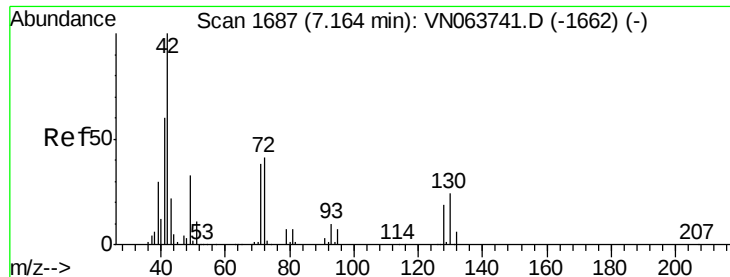


Abundance Ion 48.90 (48.60 to 49.60): VN064009.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064009.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064009.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 116.593 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

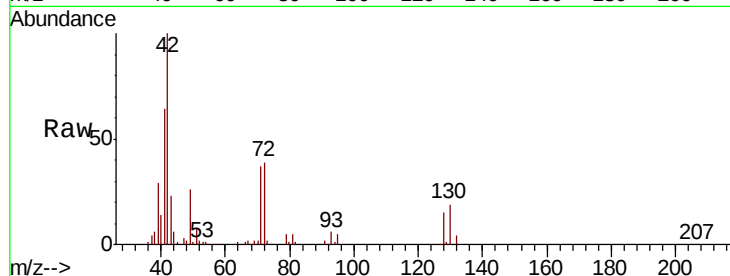
Tot Ion: 42 Resp: 151714

Ion Ratio Lower Upper

42 100

72 36.8 32.8 49.2

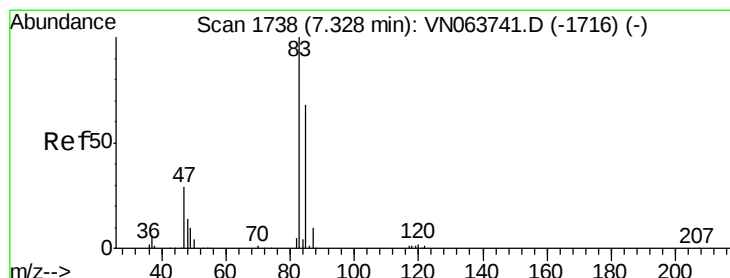
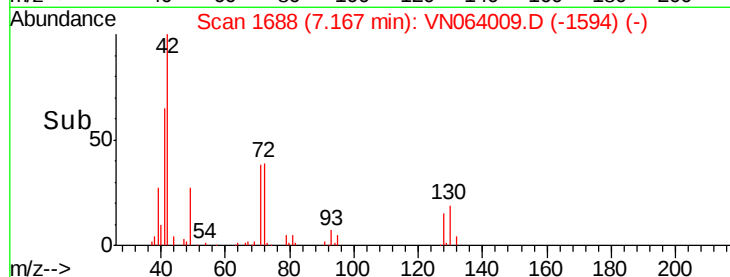
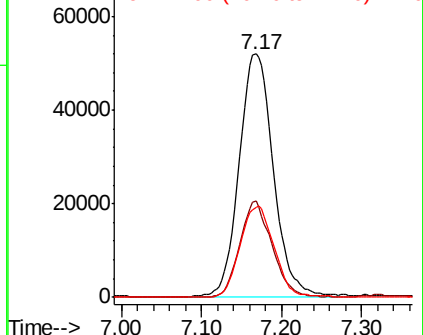
71 37.0 30.6 45.8



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: 19.205 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064009.D

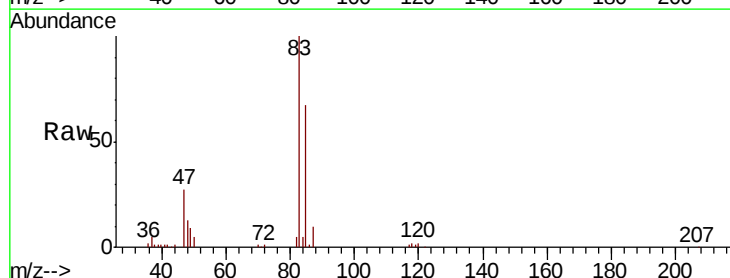
Acq: 9 Oct 2020 00:28

Tgt Ion: 83 Resp: 118585

Ion Ratio Lower Upper

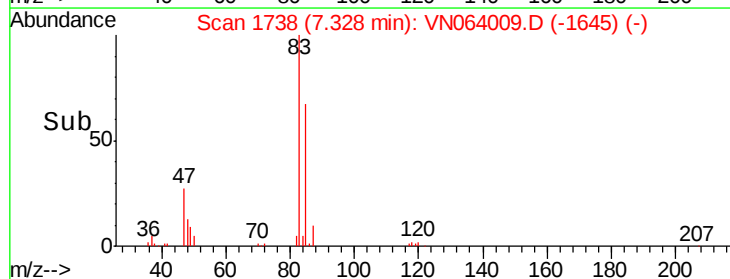
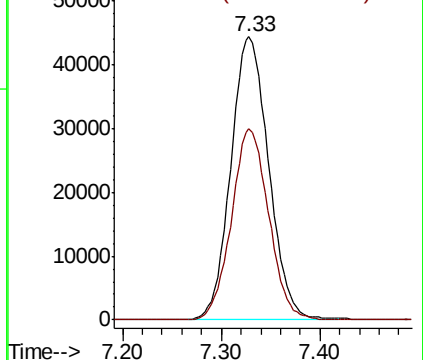
83 100

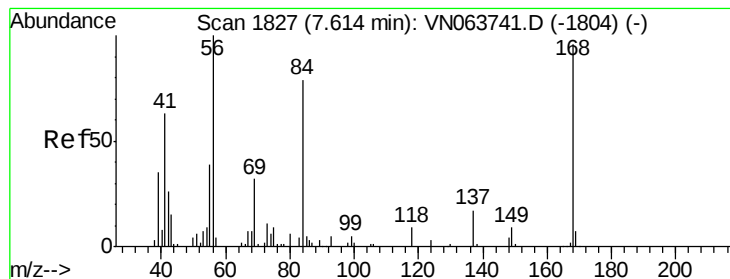
85 67.4 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.626 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

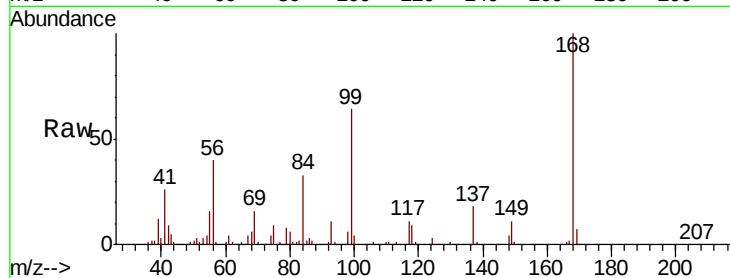
Tot Ion: 56 Resp: 90964

Ion Ratio Lower Upper

56 100

69 40.1 25.4 38.2#

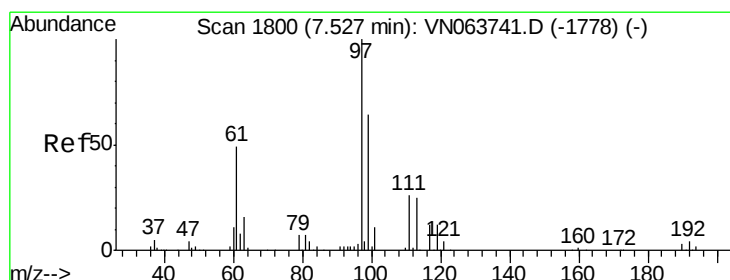
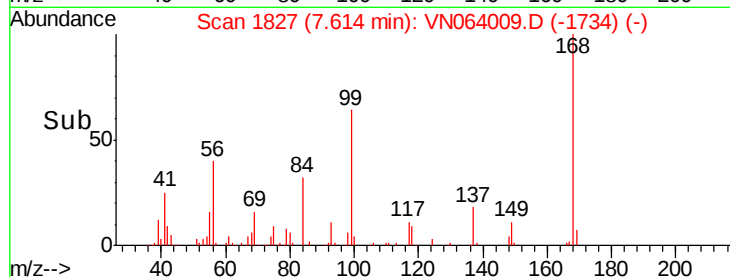
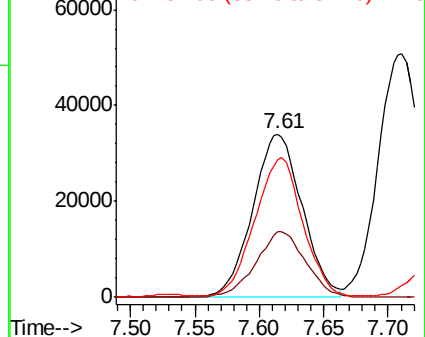
84 83.2 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063741.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 19.221 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

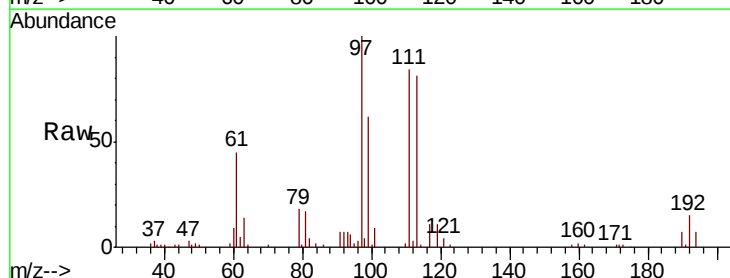
Tgt Ion: 97 Resp: 107047

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

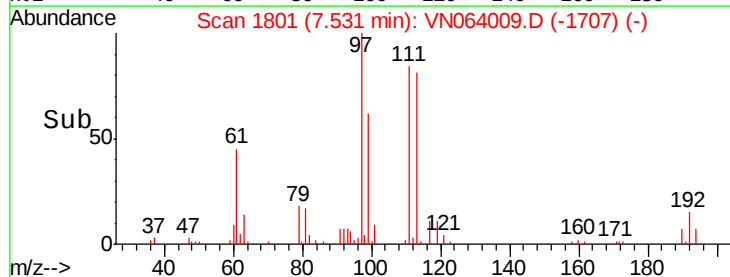
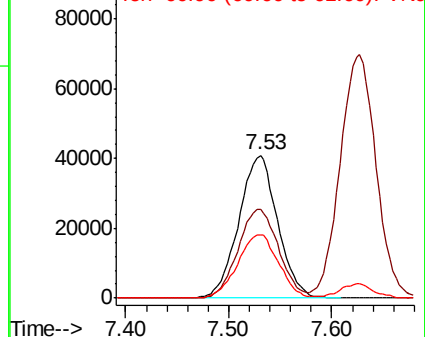
61 46.5 38.7 58.1

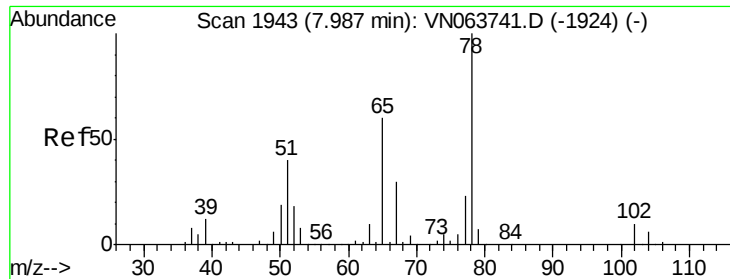


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1778) (-)

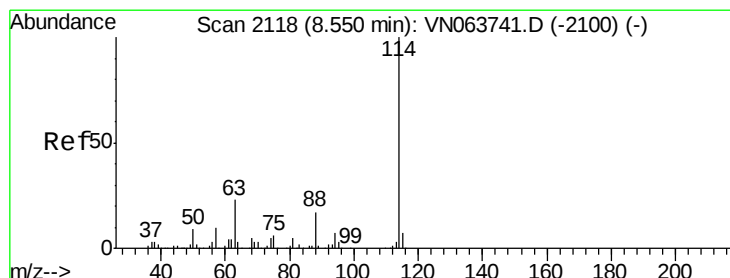
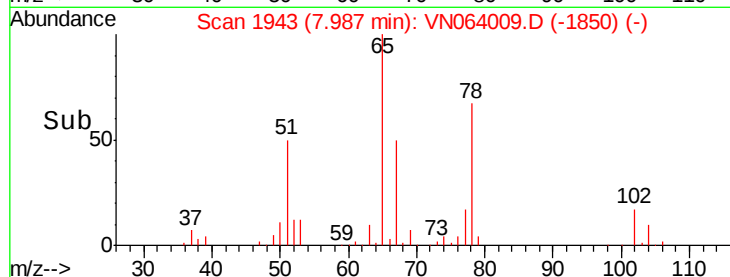
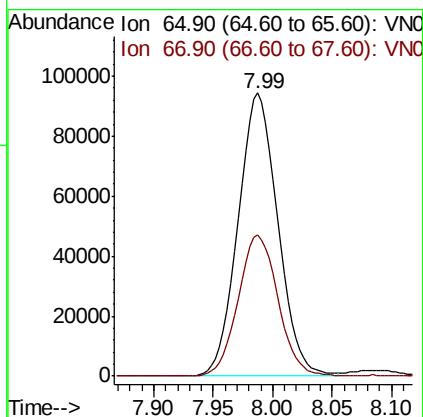
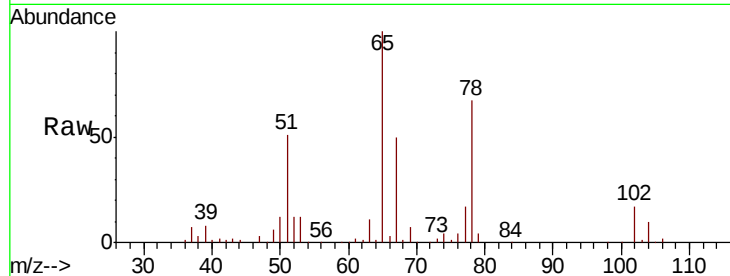




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.100 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

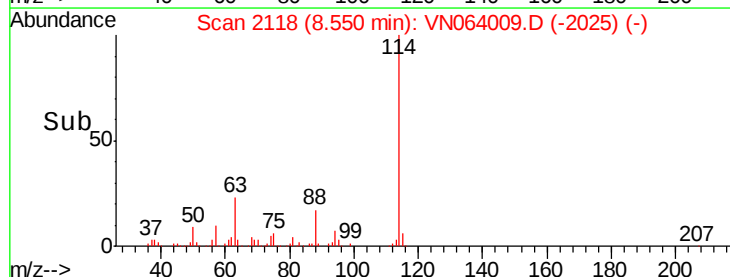
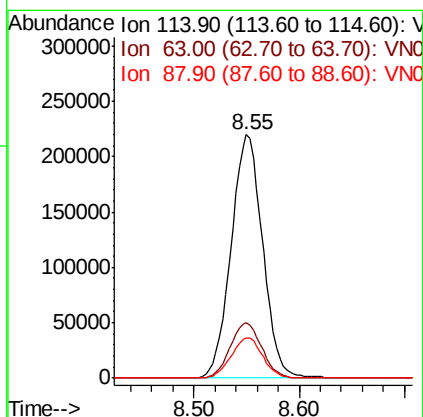
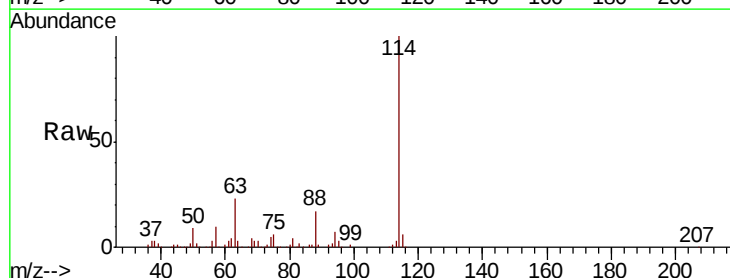
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

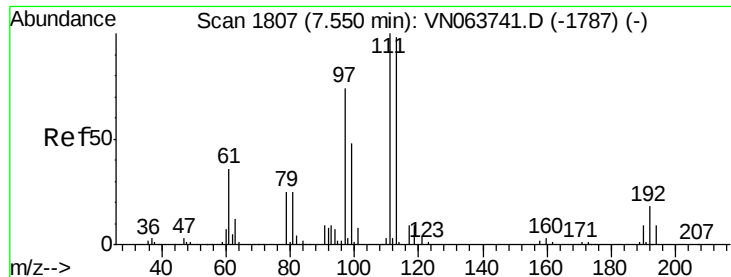
Tot Ion: 65 Resp: 218272  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 99.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion: 114 Resp: 455642  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 45.0  
 88 16.7 0.0 34.0

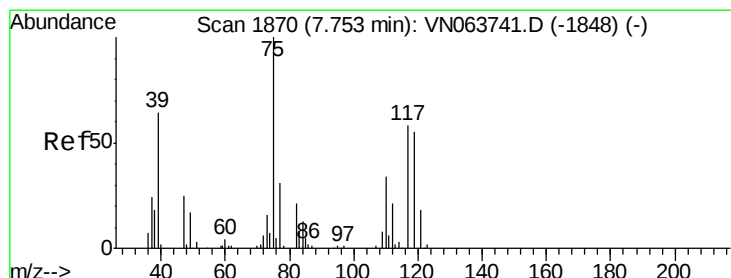
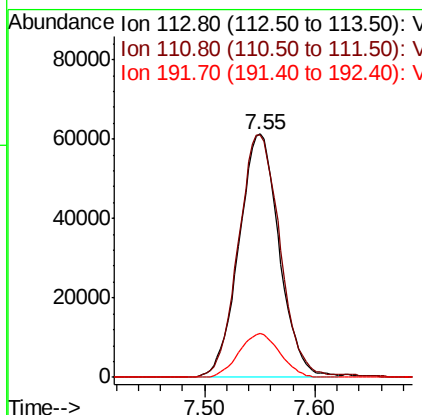
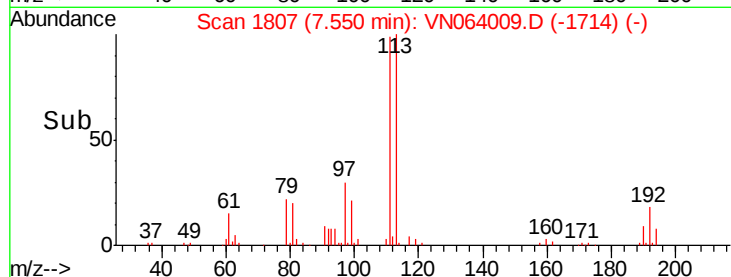
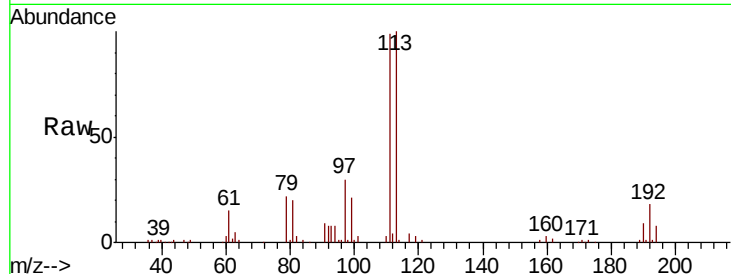




#35  
Dibromofluoromethane  
Concen: 49.062 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

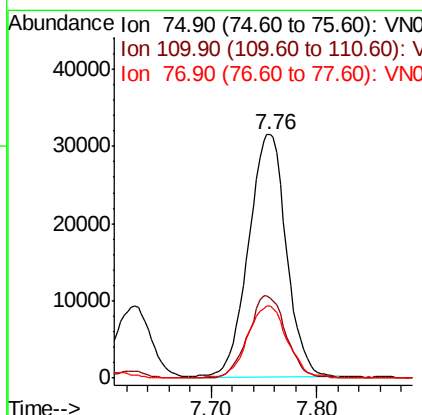
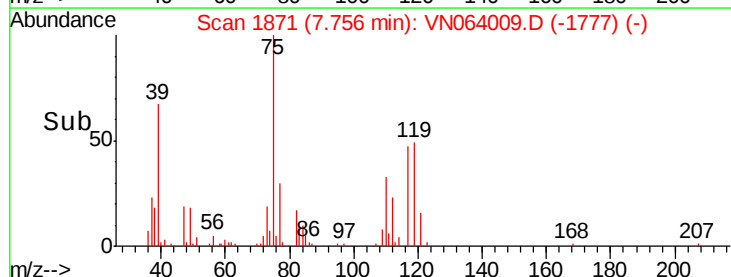
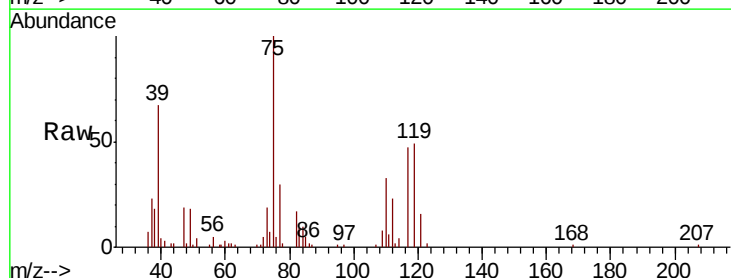
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

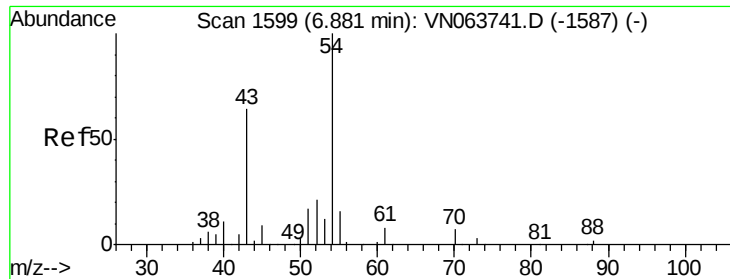
Tot Ion:113 Resp: 155115  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.8 122.8  
192 18.3 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 17.030 ug/l  
RT: 7.76 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 75 Resp: 78611  
Ion Ratio Lower Upper  
75 100  
110 33.8 16.9 50.6  
77 31.2 24.5 36.7

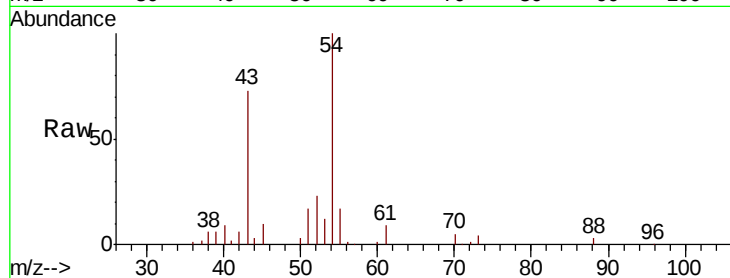




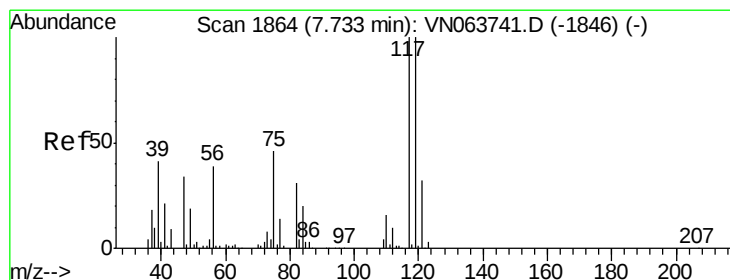
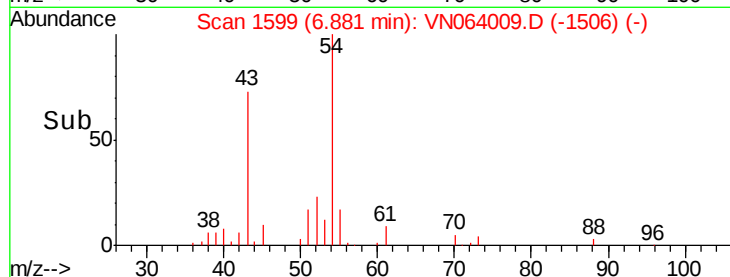
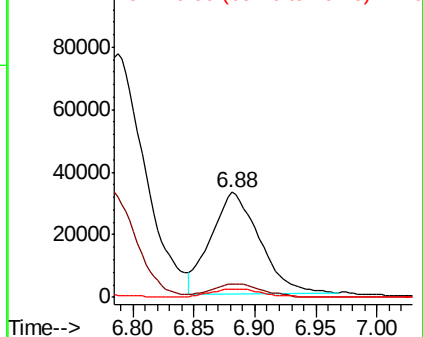
#37  
Ethyl Acetate  
Concen: 19.862 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

Tot Ion: 43 Resp: 91088  
Ion Ratio Lower Upper  
43 100  
61 14.1 10.4 15.6  
70 8.8 7.3 10.9

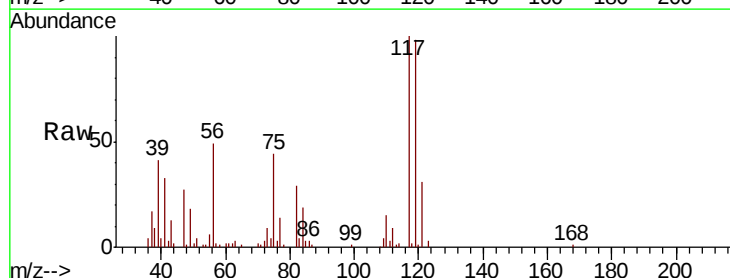


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

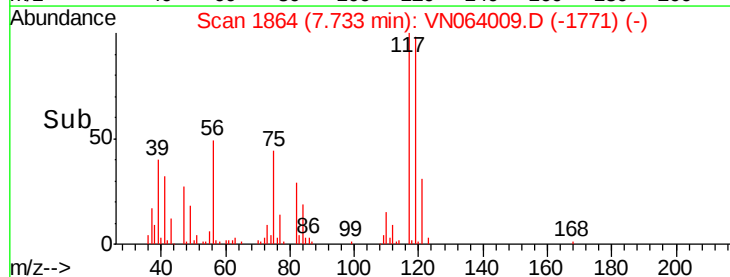
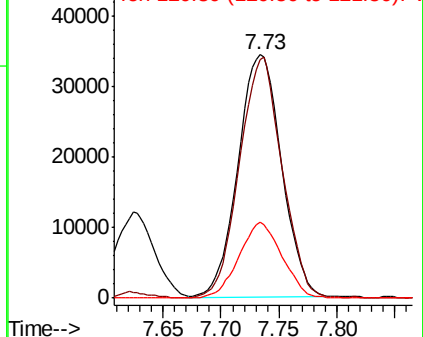


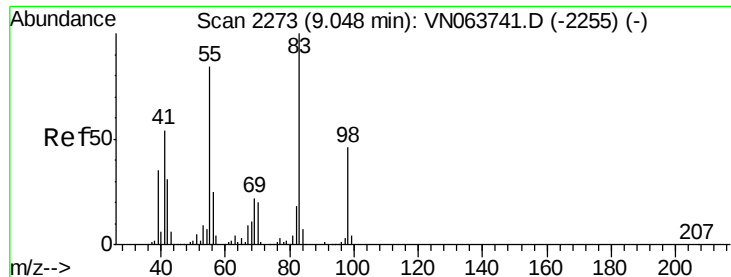
#38  
Carbon Tetrachloride  
Concen: 17.438 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 117 Resp: 90264  
Ion Ratio Lower Upper  
117 100  
119 98.4 80.1 120.1  
121 31.4 25.7 38.5



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

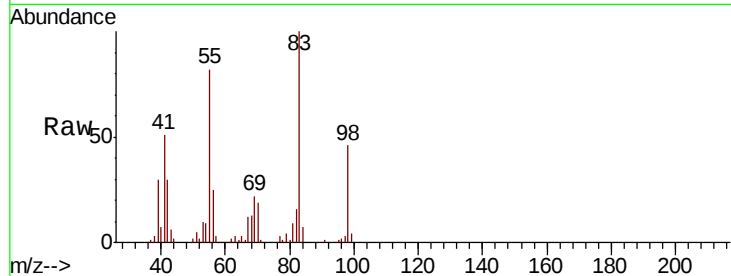




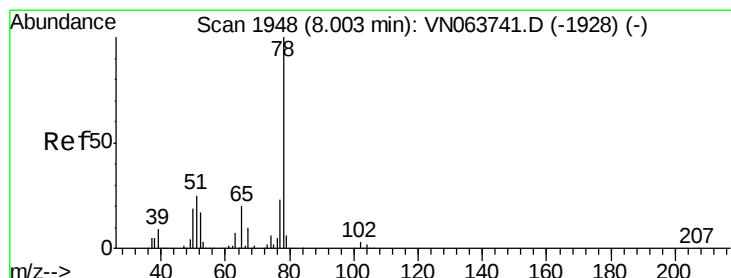
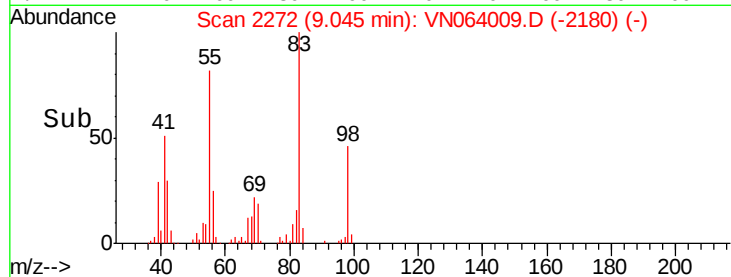
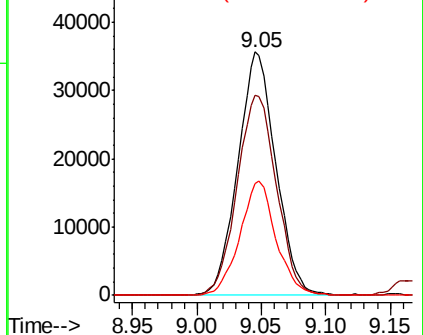
#39  
Methvlcvclohexane  
Concen: 15.834 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

Tot Ion: 83 Resp: 72888  
Ion Ratio Lower Upper  
83 100  
55 82.3 67.1 100.7  
98 45.9 36.6 54.8

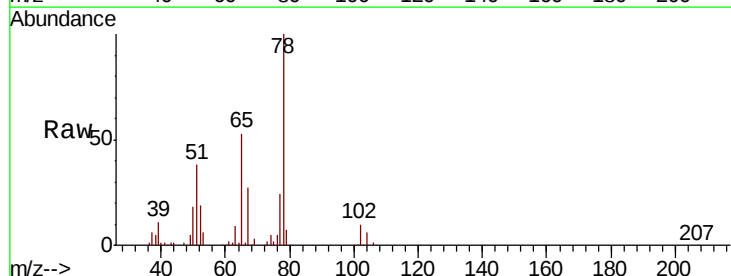


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

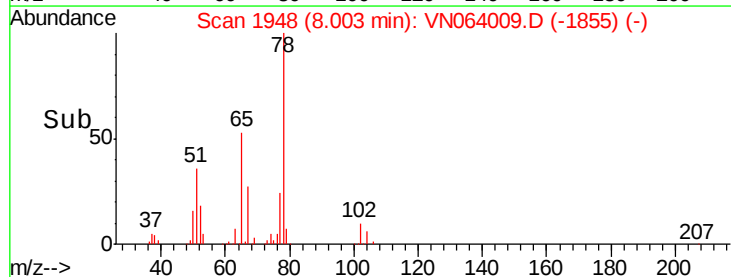
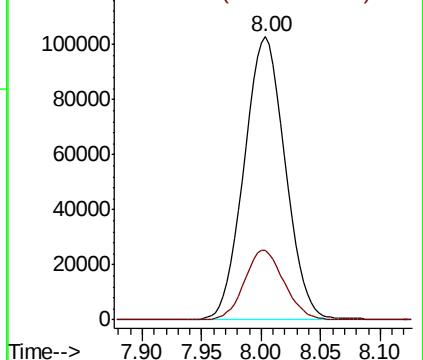


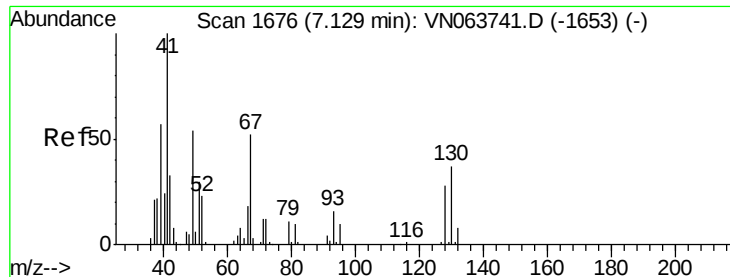
#40  
Benzene  
Concen: 18.678 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 78 Resp: 246263  
Ion Ratio Lower Upper  
78 100  
77 24.5 18.7 28.1



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

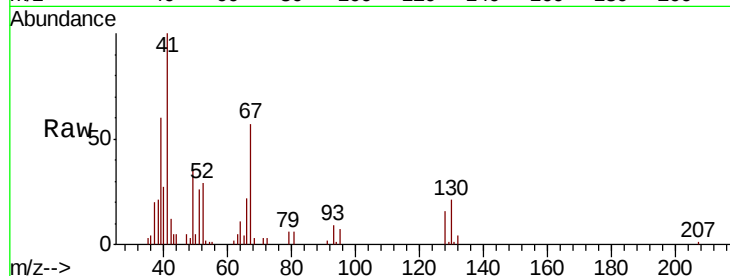




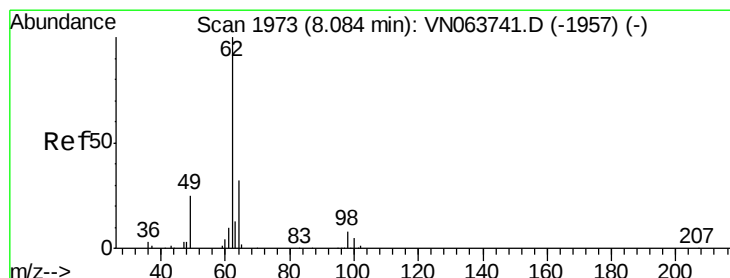
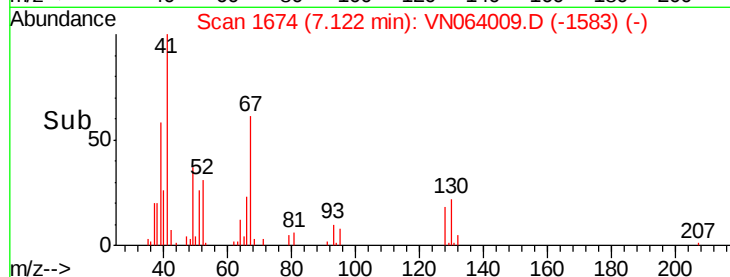
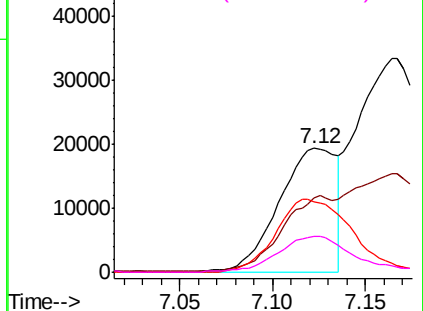
#41  
Methacrylonitrile  
Concen: 20.602 ug/l  
RT: 7.12 min Scan# 1674  
Delta R.T. -0.01 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

Tot Ion: 41 Resp: 41993  
Ion Ratio Lower Upper  
41 100  
39 51.5 42.5 63.7  
67 78.6 57.4 86.2  
52 38.5 26.9 40.3

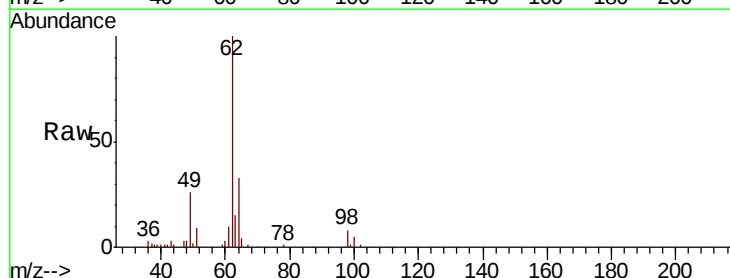


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

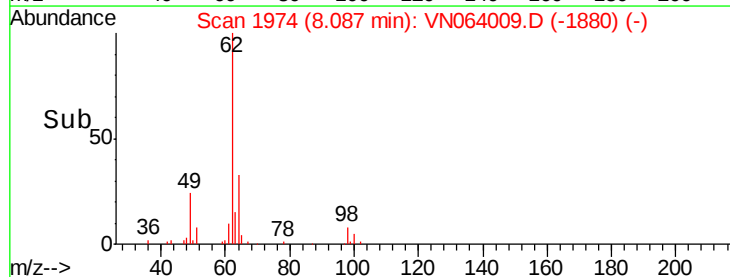
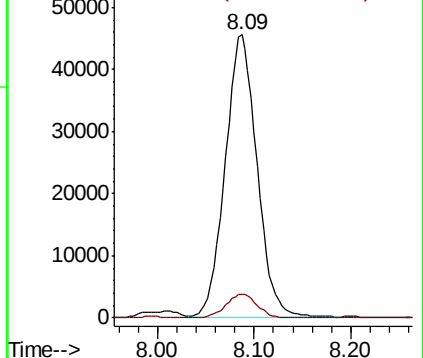


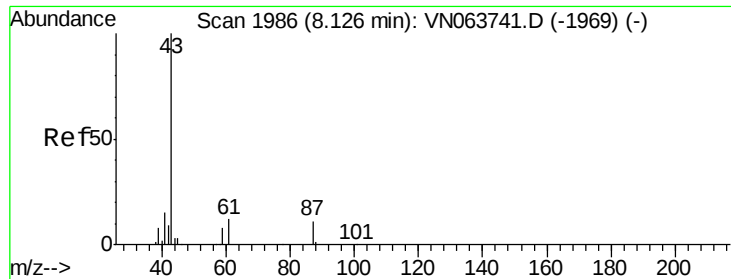
#42  
1,2-Dichloroethane  
Concen: 18.590 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 62 Resp: 104624  
Ion Ratio Lower Upper  
62 100  
98 8.0 0.0 15.0



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.284 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

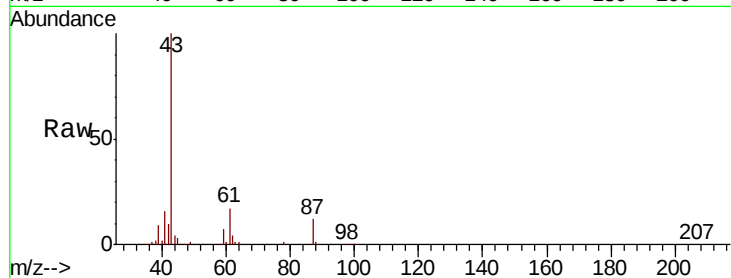
MSVOA\_N

ClientSampleId :

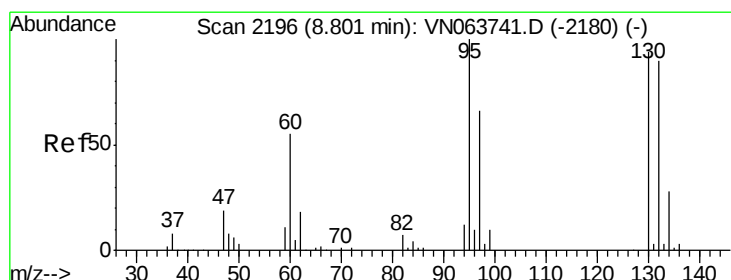
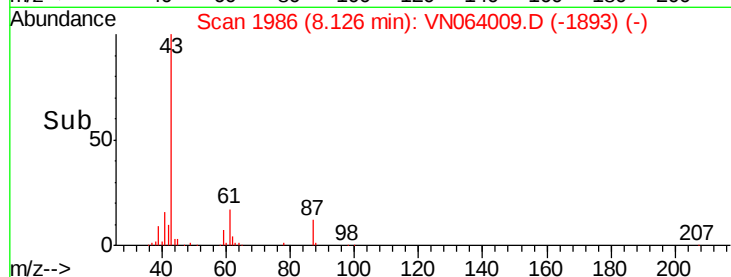
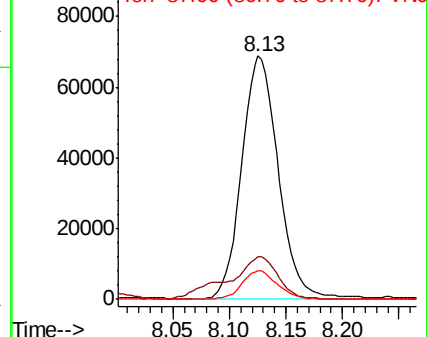
VN1008WBSD02

Tot Ion: 43 Resp: 153440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 24.2  | 14.2  | 21.4# |
| 87  | 11.4  | 9.0   | 13.6  |



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 17.254 ug/l

RT: 8.80 min Scan# 2196

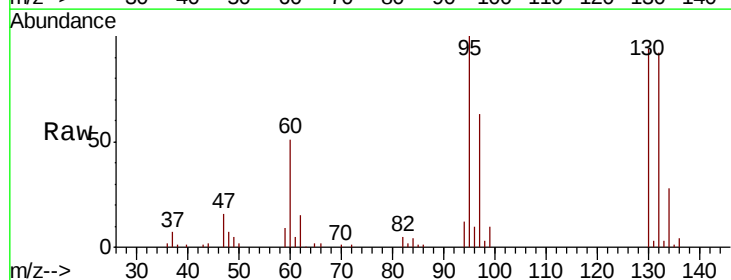
Delta R.T. 0.00 min

Lab File: VN064009.D

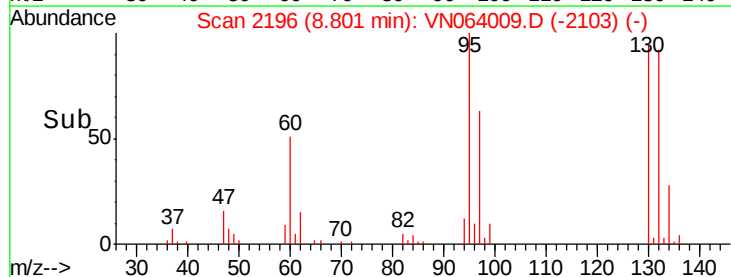
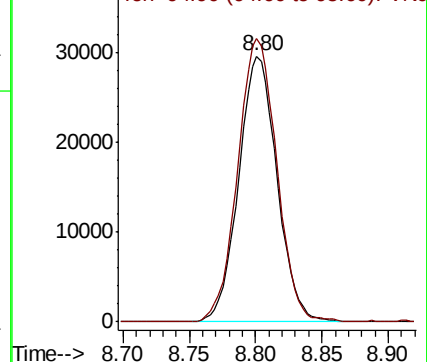
Acq: 9 Oct 2020 00:28

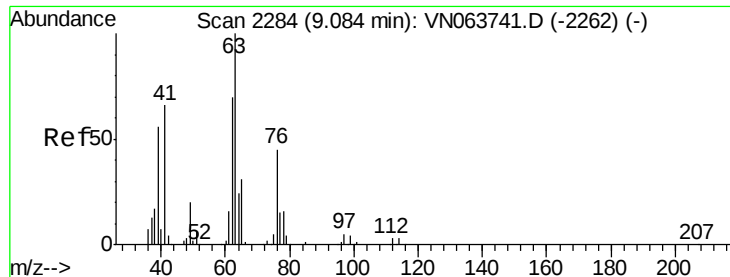
Tgt Ion: 130 Resp: 59607

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 106.5 | 0.0   | 213.6 |



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.383 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

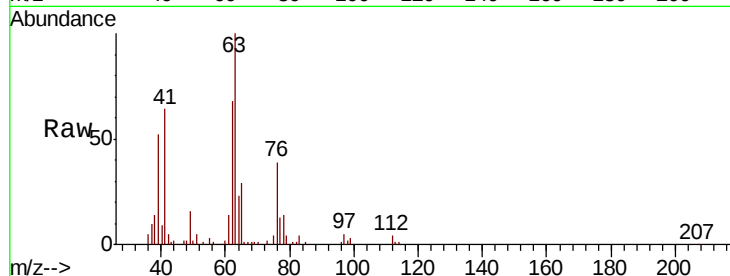
VN1008WBSD02

Tot Ion: 63 Resp: 69020

Ion Ratio Lower Upper

63 100

65 29.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN063741.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN063741.D (-2262) (-)

9.08

40000

30000

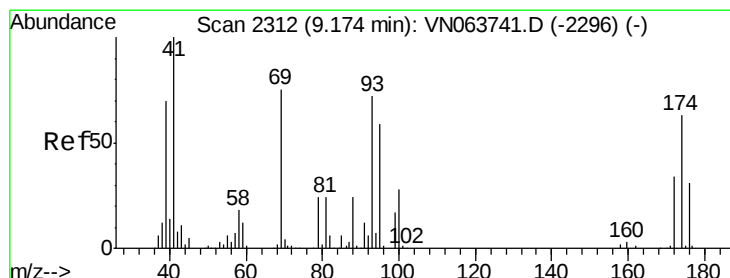
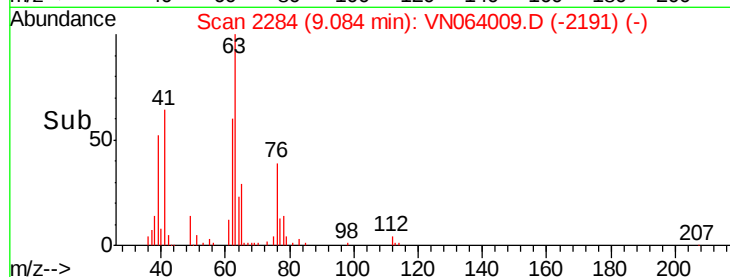
20000

10000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.376 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

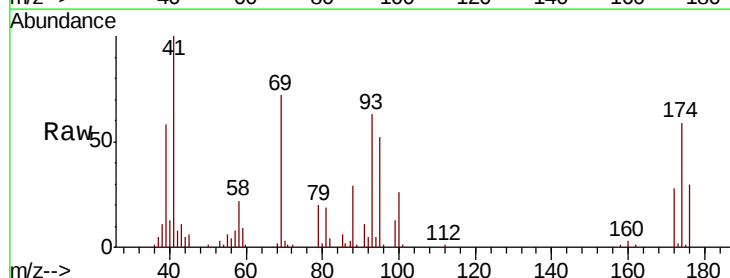
Tgt Ion: 93 Resp: 45139

Ion Ratio Lower Upper

93 100

95 81.5 66.3 99.5

174 93.9 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN063741.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN063741.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN063741.D (-2296) (-)

9.17

30000

25000

20000

15000

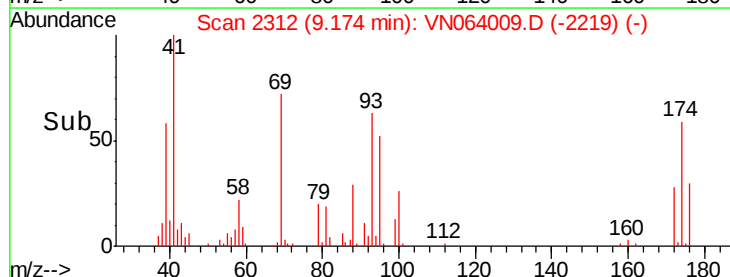
10000

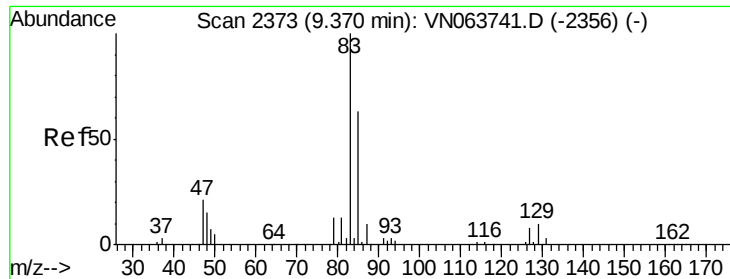
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.617 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

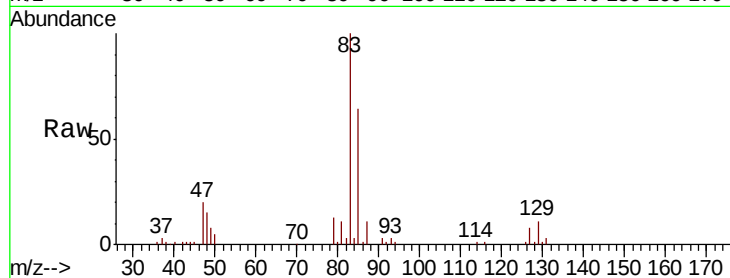
Tot Ion: 83 Resp: 94247

Ion Ratio Lower Upper

83 100

85 64.1 50.6 75.8

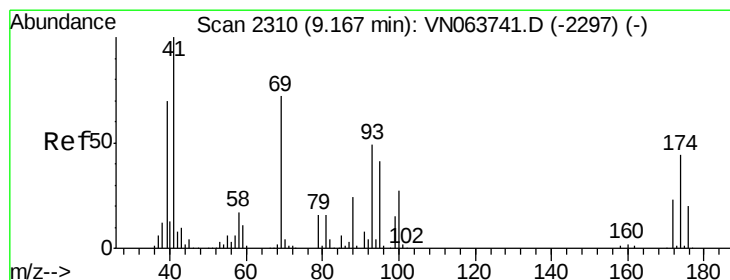
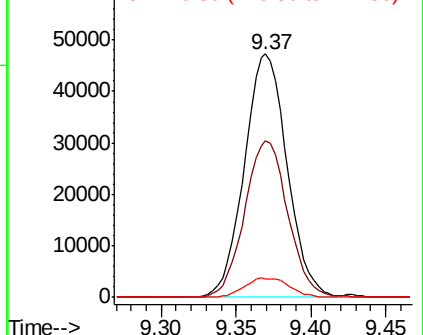
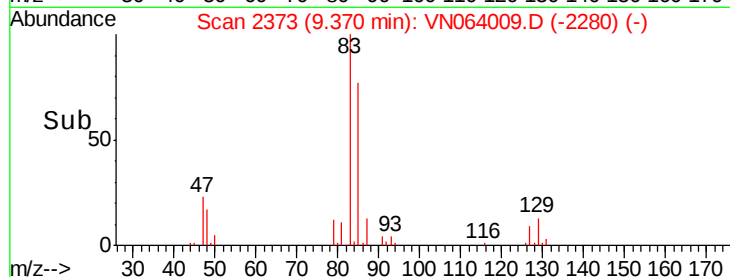
127 7.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064009.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064009.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064009.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.867 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

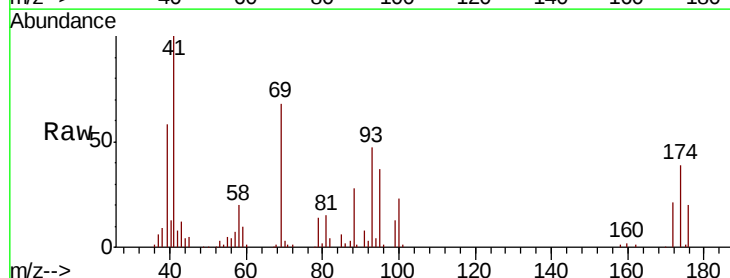
Tgt Ion: 41 Resp: 77988

Ion Ratio Lower Upper

41 100

69 71.0 60.9 91.3

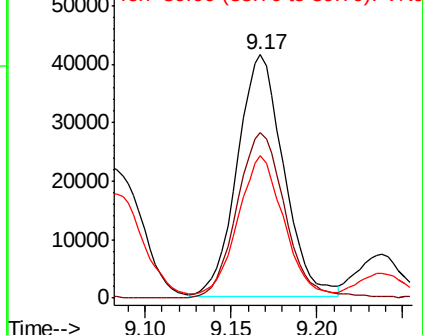
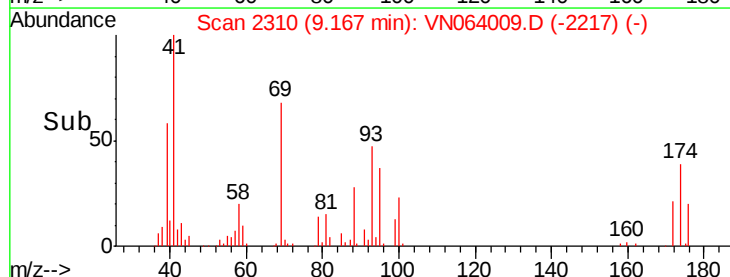
39 58.0 57.5 86.3

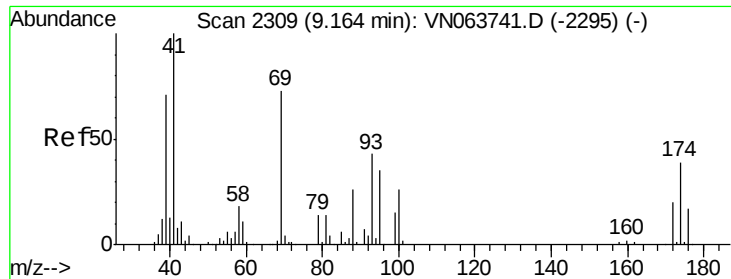


Abundance Ion 41.00 (40.70 to 41.70): VN064009.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064009.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064009.D (-2217) (-)





#49

1,4-Dioxane

Concen: 448.783 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

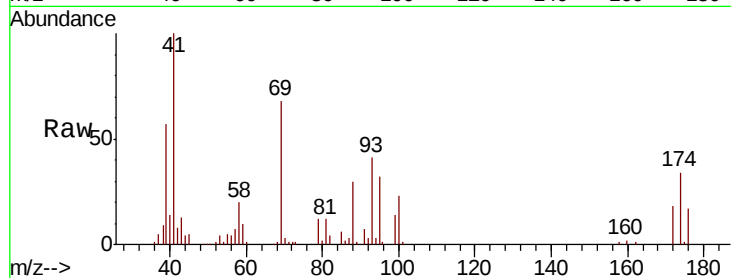
Tot Ion: 88 Resp: 23838

Ion Ratio Lower Upper

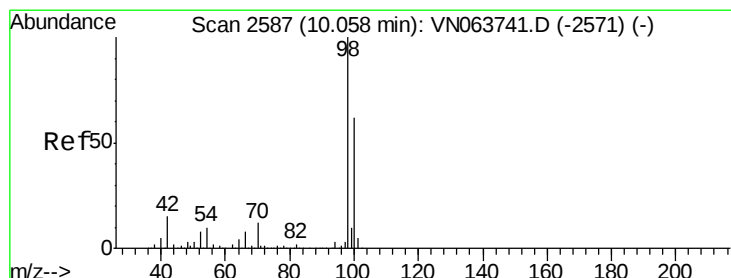
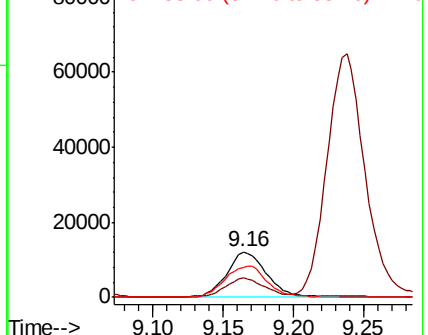
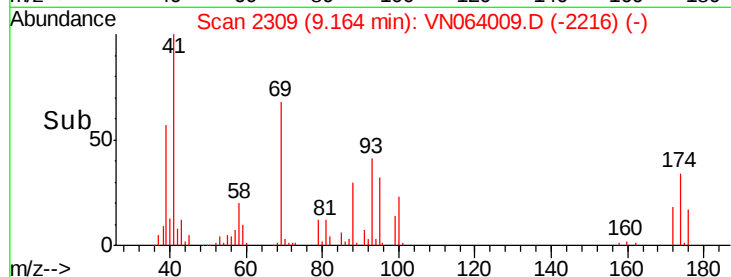
88 100

43 39.6 33.1 49.7

58 72.8 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN064009.D (-2216) (-)



#50

Toluene-d8

Concen: 47.661 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064009.D

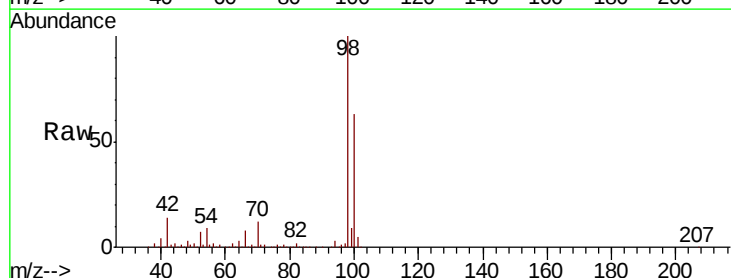
Acq: 9 Oct 2020 00:28

Tgt Ion: 98 Resp: 571234

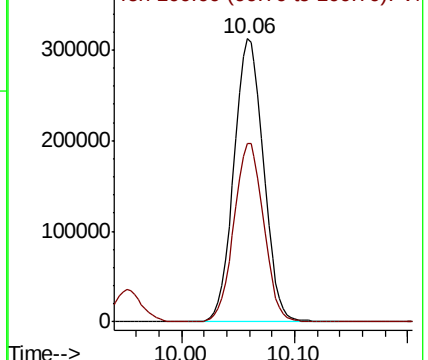
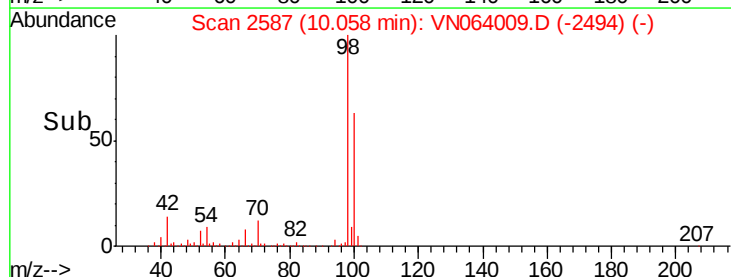
Ion Ratio Lower Upper

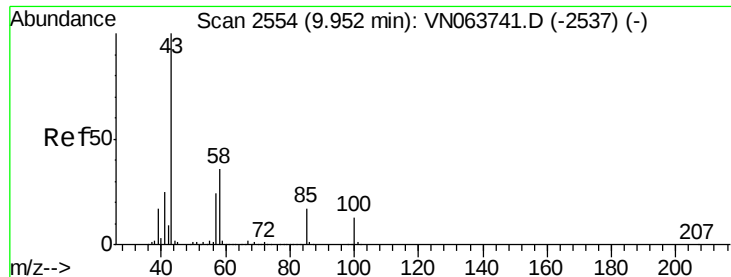
98 100

100 63.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN064009.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 109.621 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

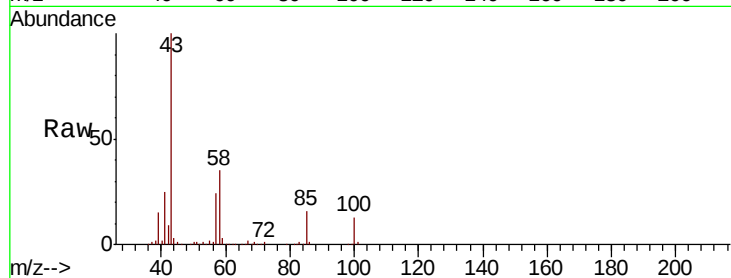
VN1008WBSD02

Tot Ion: 43 Resp: 486638

Ion Ratio Lower Upper

43 100

58 35.1 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

250000

200000

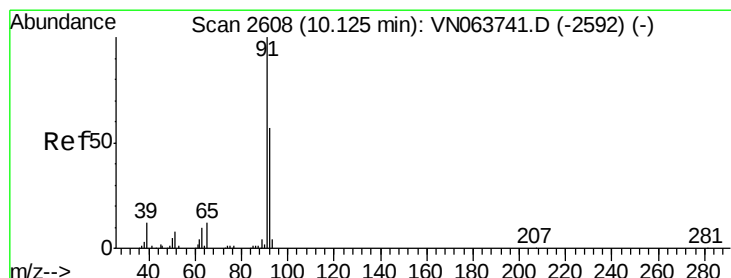
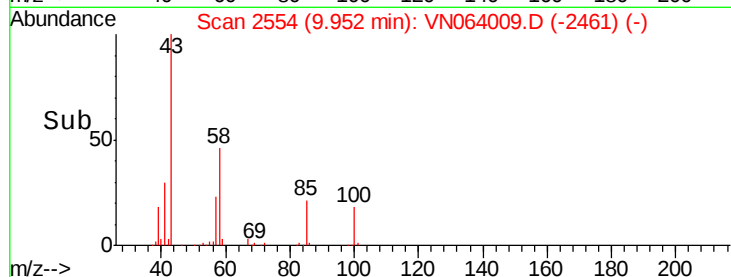
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.546 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064009.D

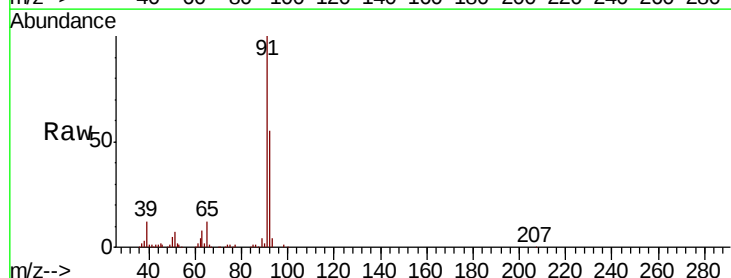
Acq: 9 Oct 2020 00:28

Tgt Ion: 92 Resp: 151248

Ion Ratio Lower Upper

92 100

91 176.3 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

10.13

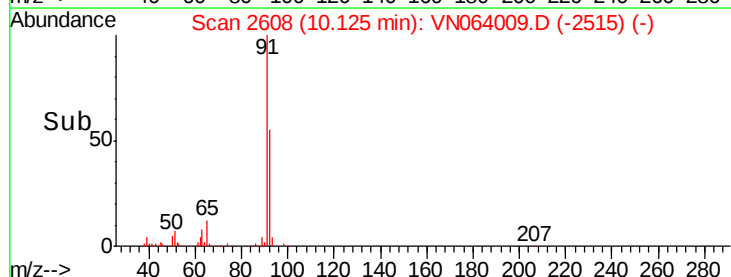
150000

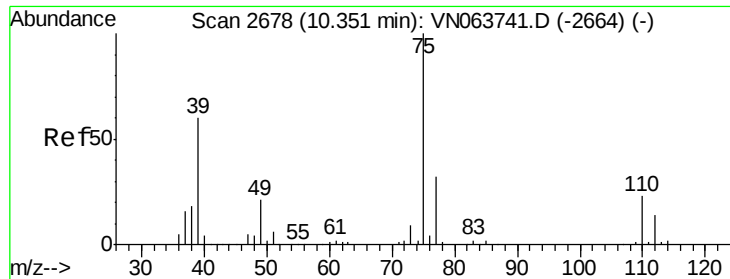
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.683 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

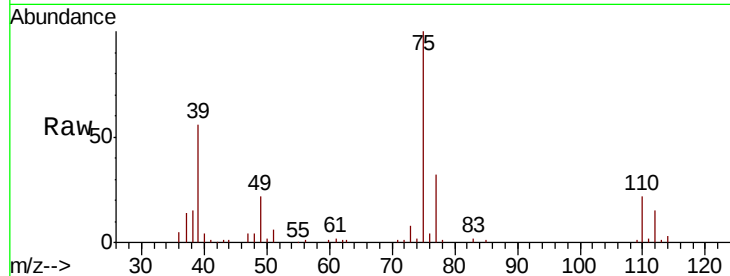
VN1008WBSD02

Tot Ion: 75 Resp: 95961

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN064009.D (-2585) (-)

Ion 76.90 (76.60 to 77.60): VN064009.D (-2585) (-)

10.35

60000

50000

40000

30000

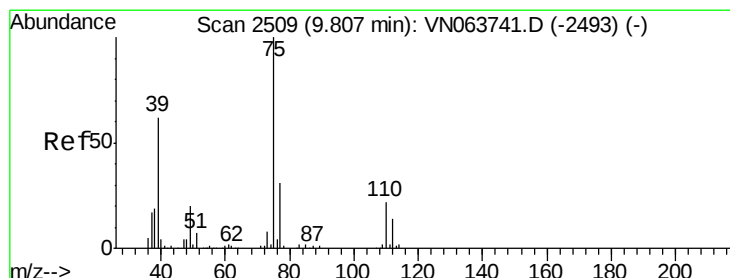
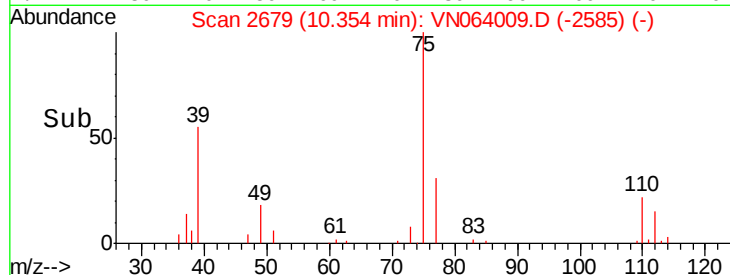
20000

10000

0

Time-->

10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 17.958 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

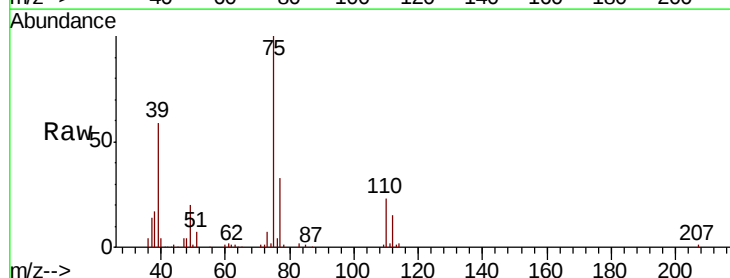
Tgt Ion: 75 Resp: 101920

Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8

39 58.3 49.7 74.5



Abundance Ion 74.90 (74.60 to 75.60): VN064009.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN064009.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN064009.D (-2416) (-)

9.81

60000

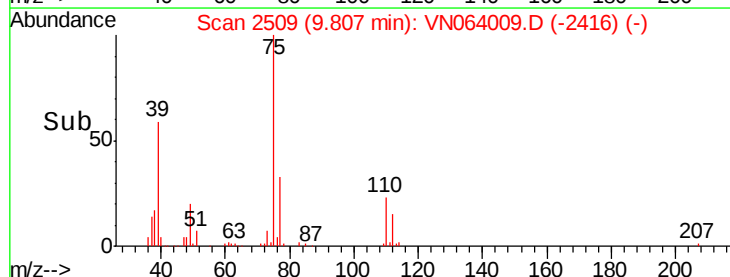
40000

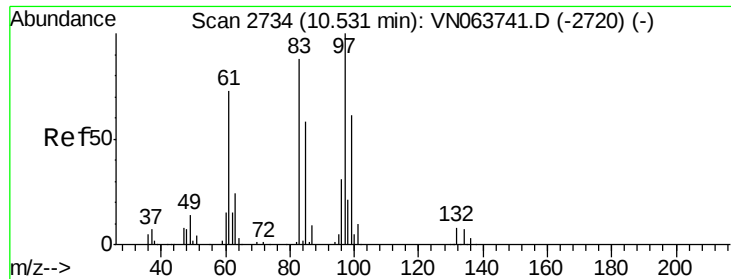
20000

0

Time-->

9.75 9.80 9.85 9.90

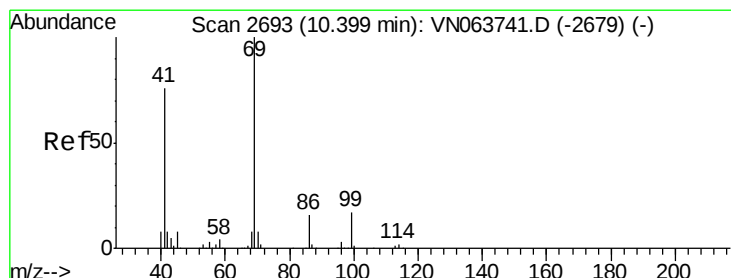
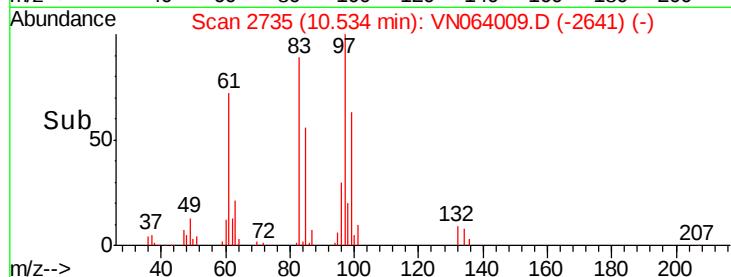
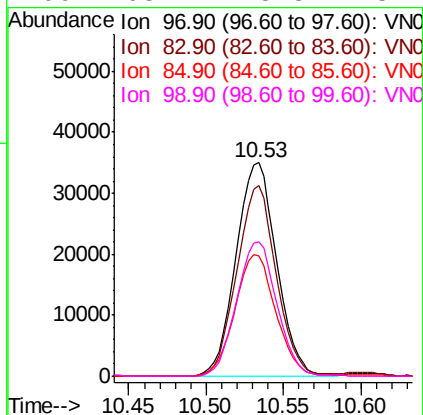
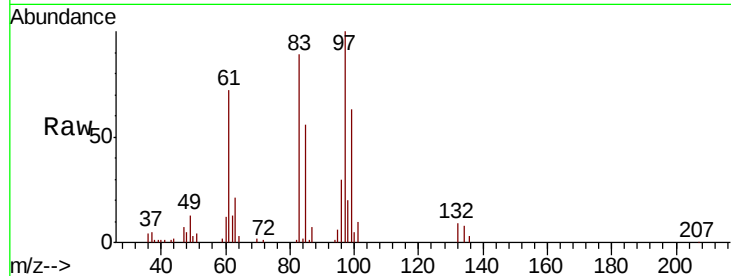




#55  
 1,1,2-Trichloroethane  
 Concen: 19.546 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

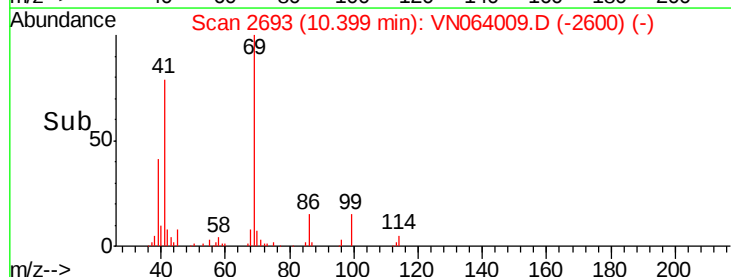
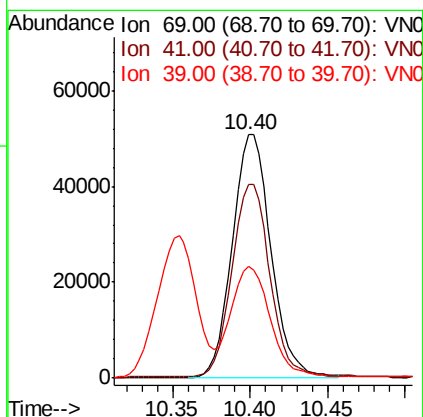
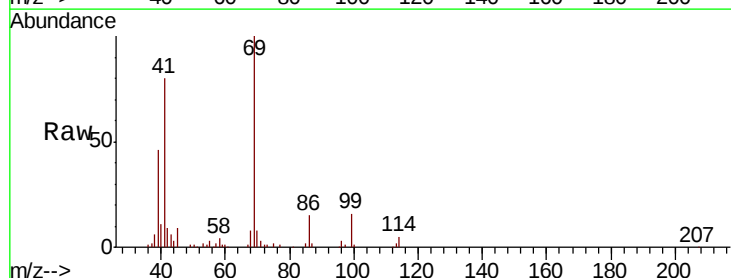
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

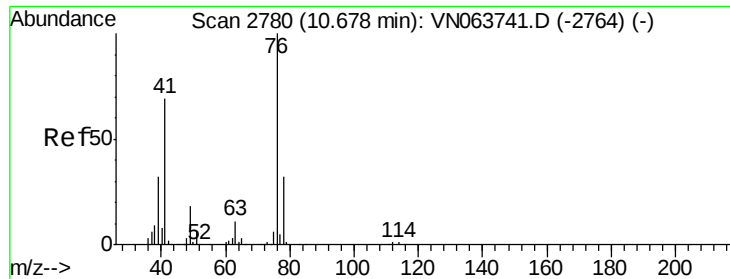
Tot Ion: 97 Resp: 63925  
 Ion Ratio Lower Upper  
 97 100  
 83 89.2 70.7 106.1  
 85 56.1 46.1 69.1  
 99 63.2 48.8 73.2



#56  
 Ethyl methacrylate  
 Concen: 19.121 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion: 69 Resp: 88640  
 Ion Ratio Lower Upper  
 69 100  
 41 77.1 61.1 91.7  
 39 45.9 42.2 63.4

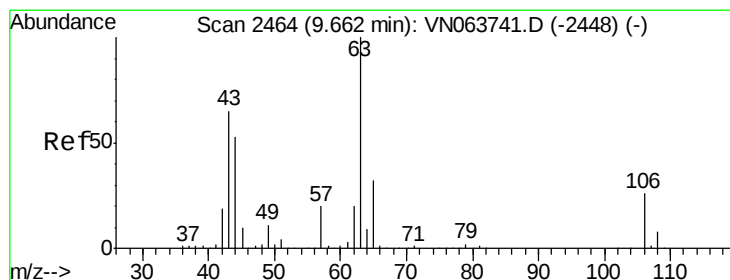
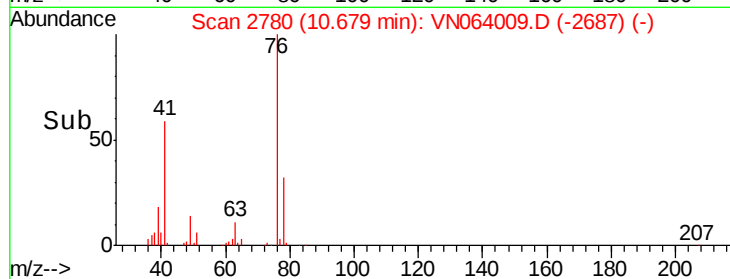
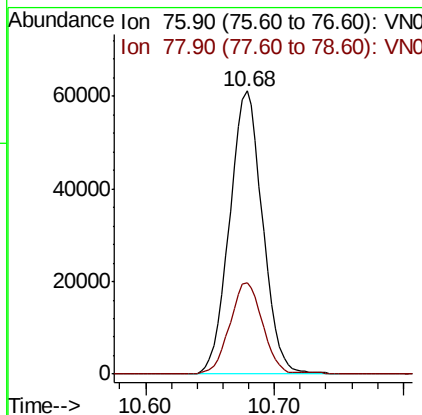
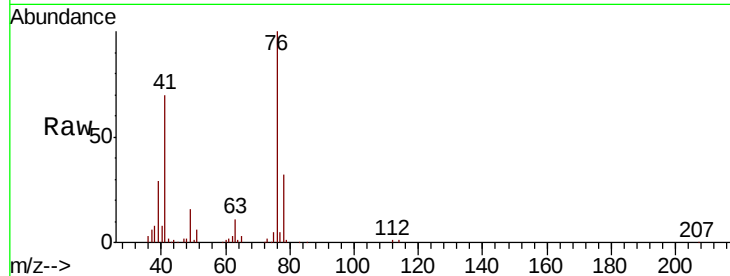




#57  
 1,3-Dichloropropane  
 Concen: 19.630 ug/l  
 RT: 10.68 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

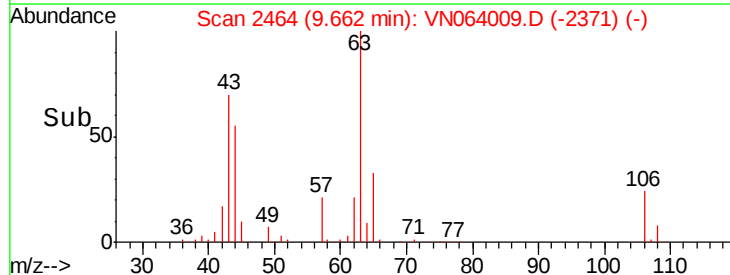
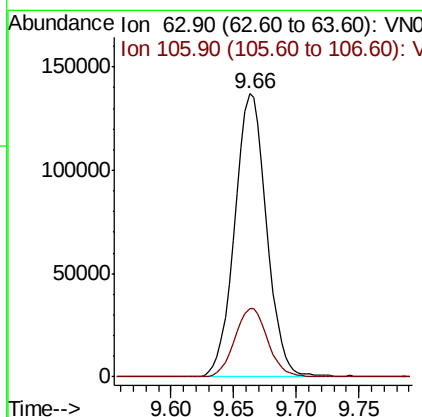
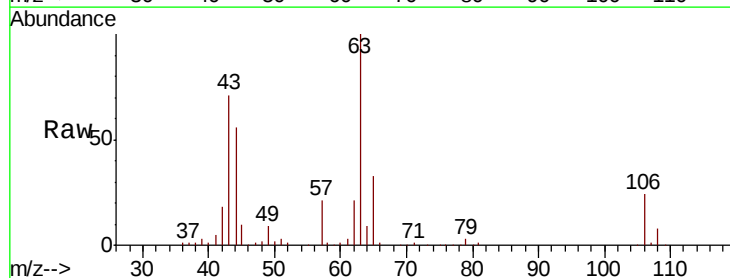
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

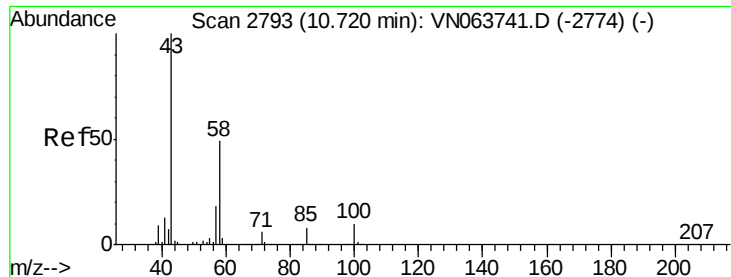
Tot Ion: 76 Resp: 108614  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.2 37.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 97.822 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion: 63 Resp: 242576  
 Ion Ratio Lower Upper  
 63 100  
 106 25.0 20.7 31.1

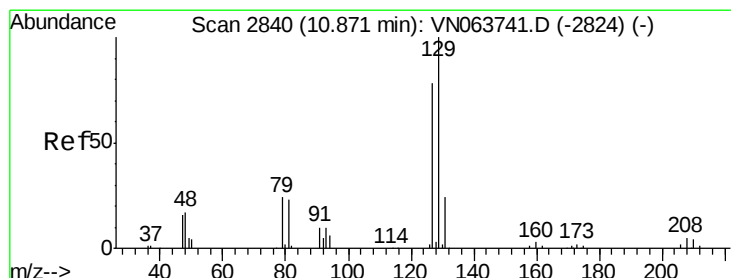
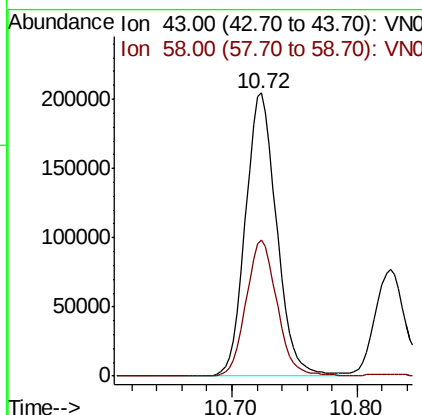
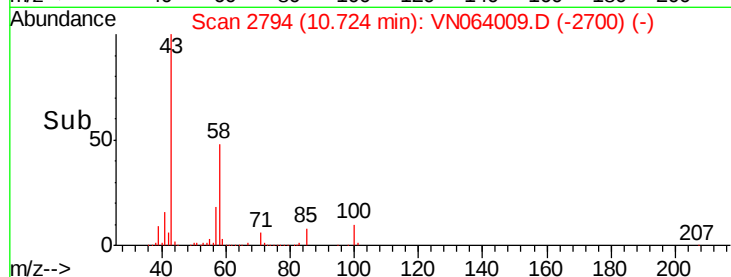
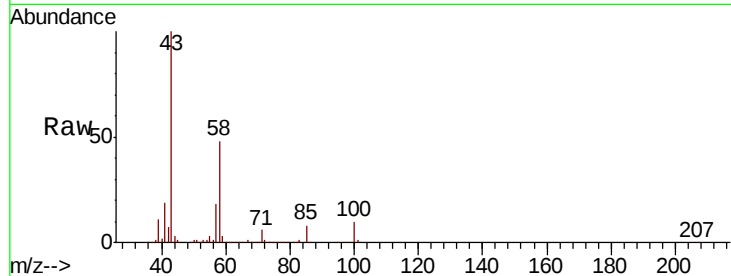




#59  
2-Hexanone  
Concen: 107.250 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

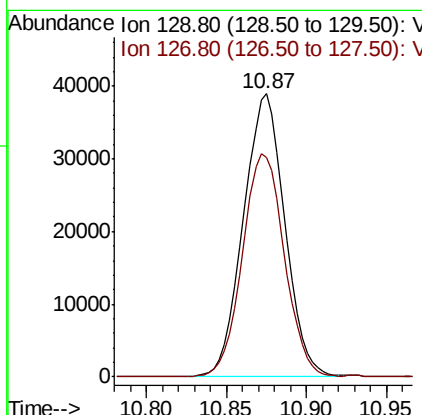
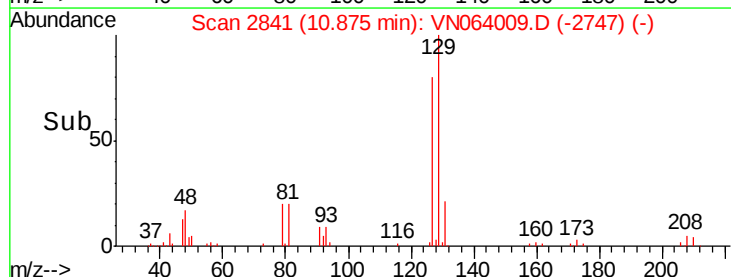
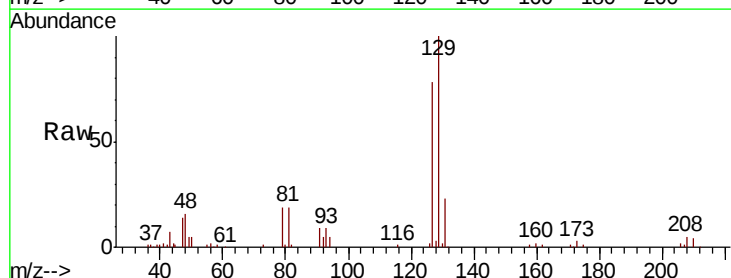
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

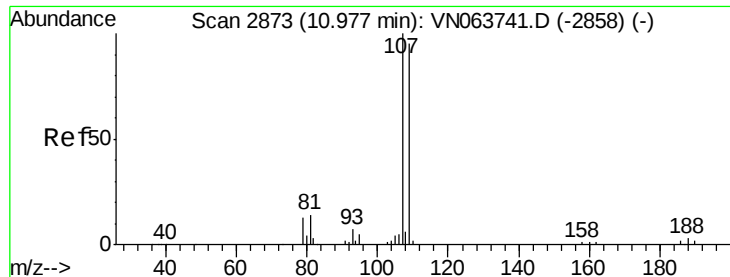
Tot Ion: 43 Resp: 353686  
Ion Ratio Lower Upper  
43 100  
58 47.9 24.6 73.8



#60  
Dibromochloromethane  
Concen: 18.098 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 129 Resp: 68931  
Ion Ratio Lower Upper  
129 100  
127 79.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.268 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

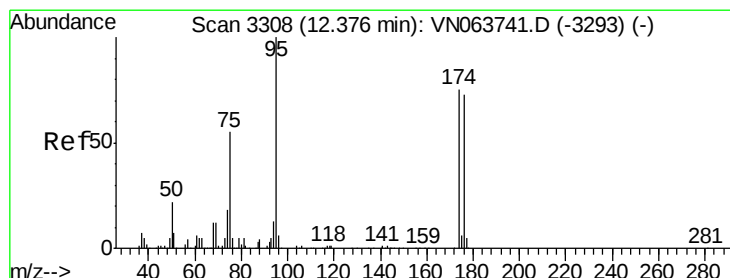
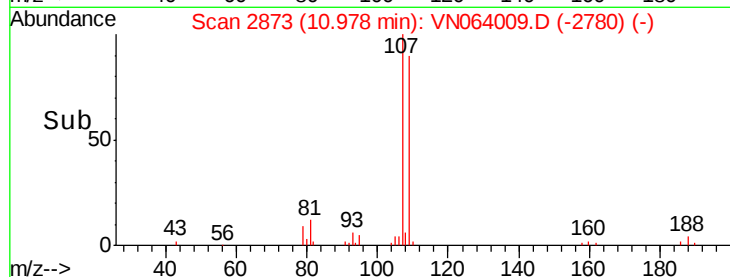
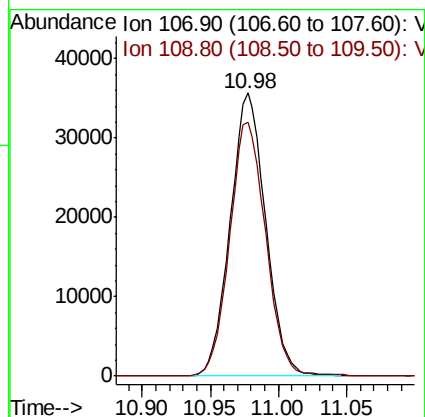
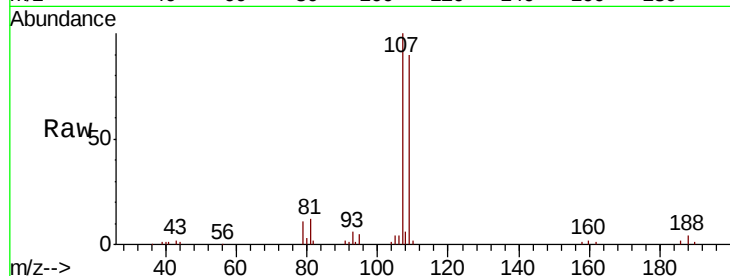
VN1008WBSD02

Tot Ion:107 Resp: 64461

Ion Ratio Lower Upper

107 100

109 91.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 45.428 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

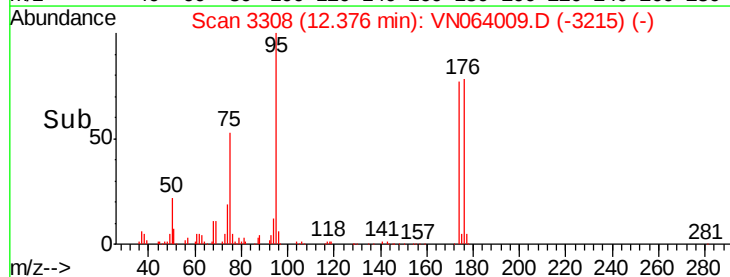
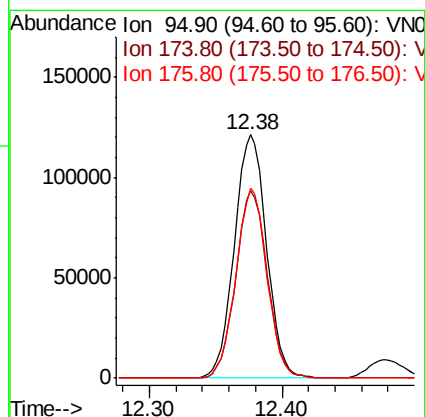
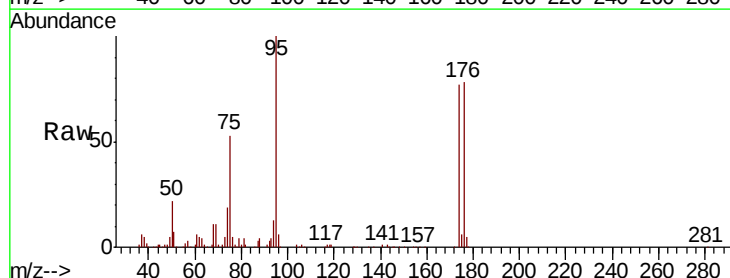
Tgt Ion: 95 Resp: 204672

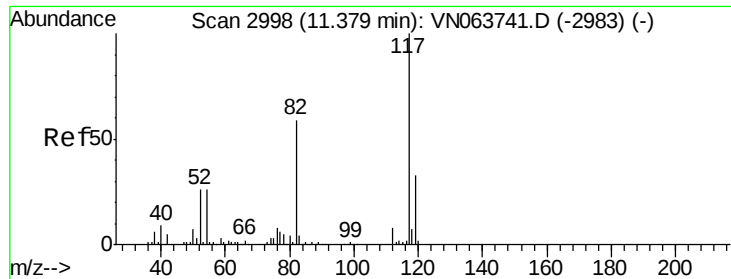
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 75.2 0.0 145.4

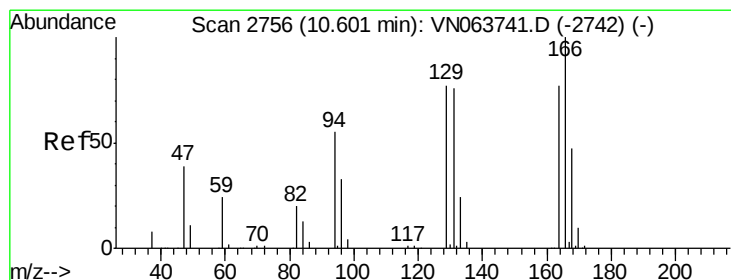
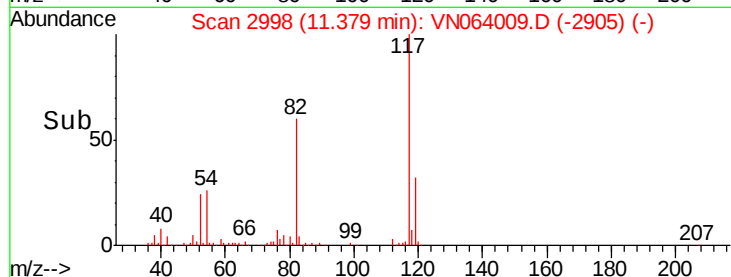
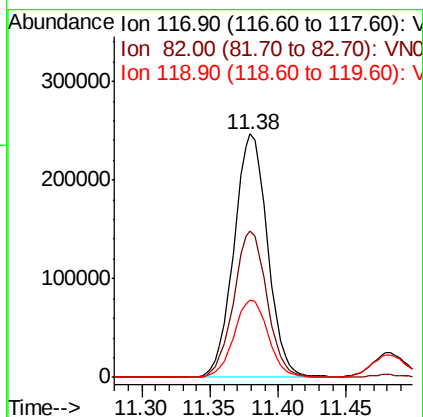
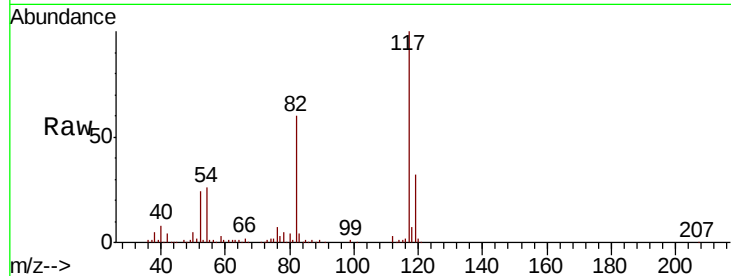




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

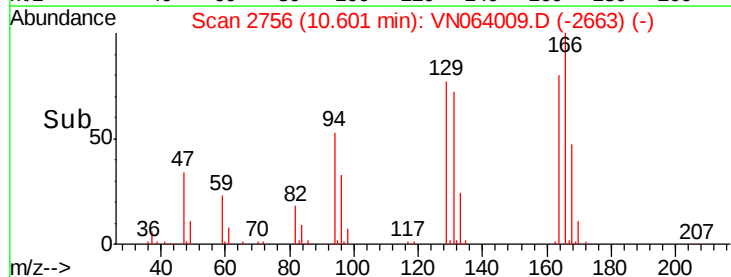
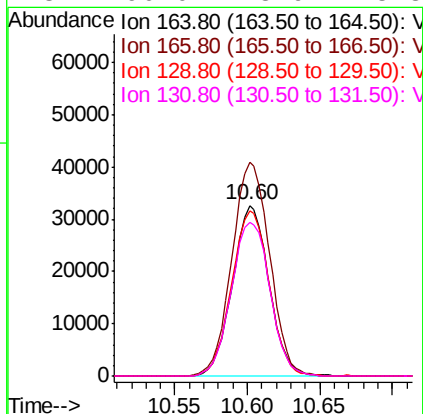
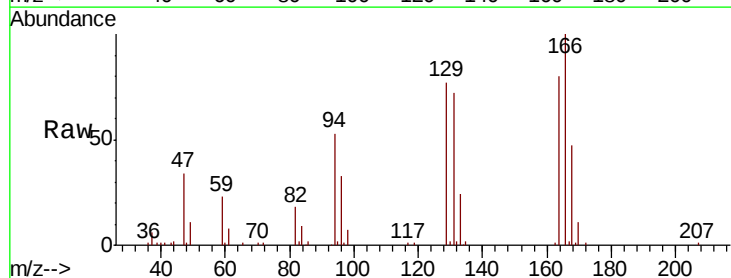
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

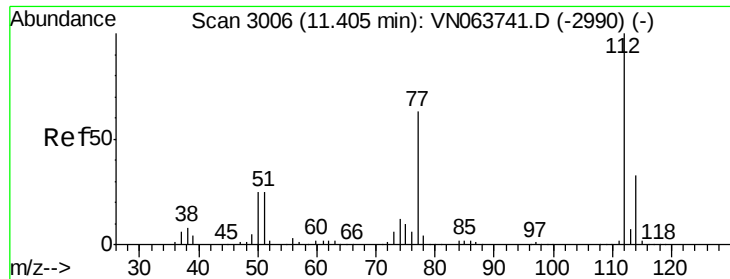
Tot Ion:117 Resp: 422354  
Ion Ratio Lower Upper  
117 100  
82 60.3 47.4 71.2  
119 31.8 26.4 39.6



#64  
Tetrachloroethene  
Concen: 17.461 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion:164 Resp: 57056  
Ion Ratio Lower Upper  
164 100  
166 125.2 103.9 155.9  
129 97.0 80.3 120.5  
131 90.0 78.9 118.3

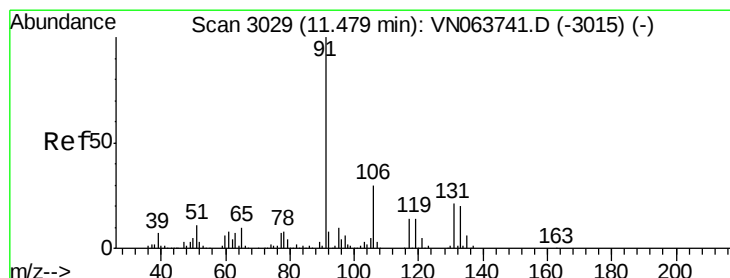
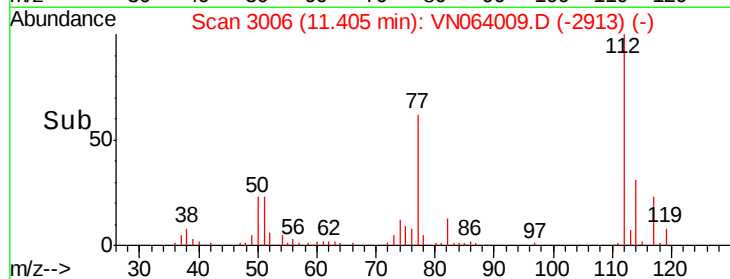
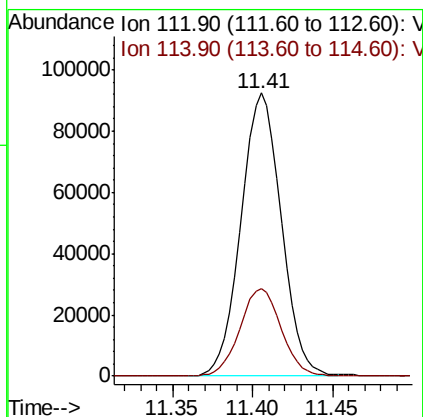
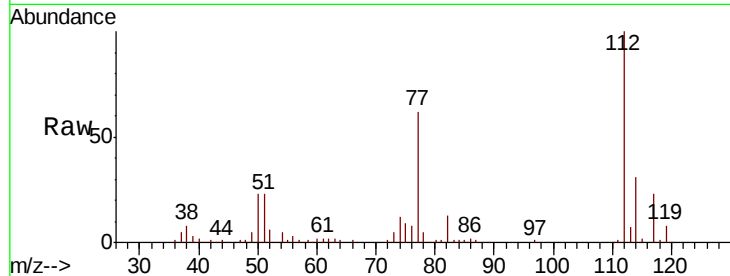




#65  
Chlorobenzene  
Concen: 18.332 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

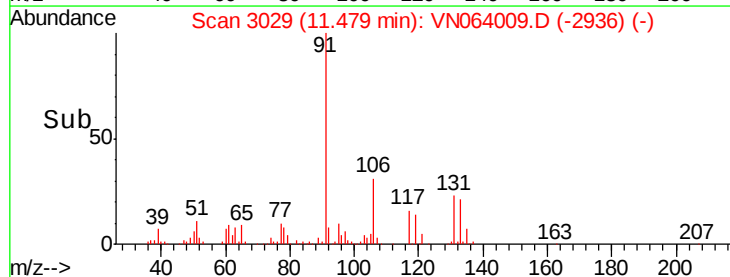
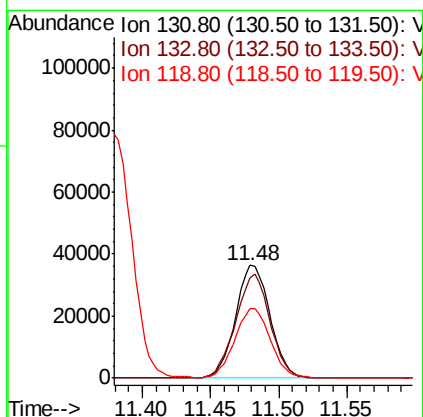
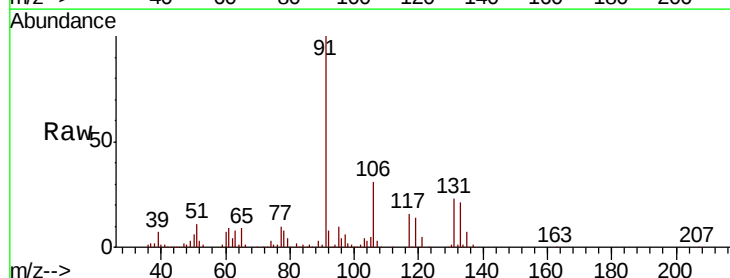
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

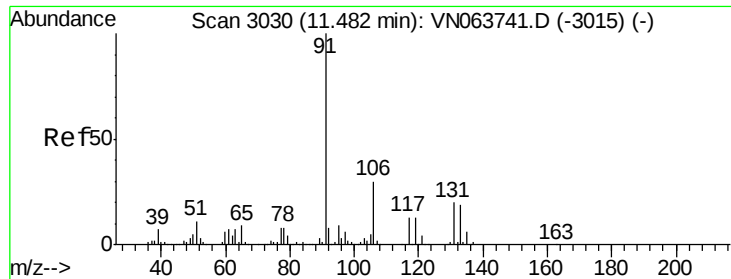
Tot Ion:112 Resp: 158829  
Ion Ratio Lower Upper  
112 100  
114 31.0 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.225 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion:131 Resp: 63855  
Ion Ratio Lower Upper  
131 100  
133 92.1 47.3 141.8  
119 64.3 32.6 97.7

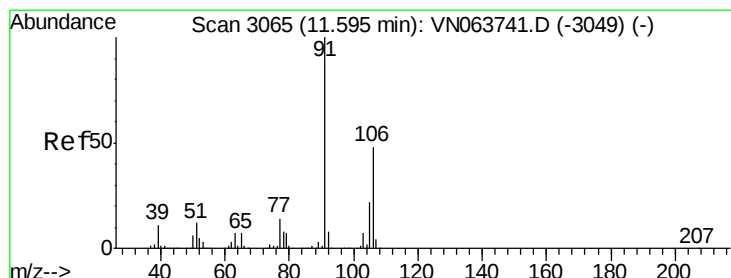
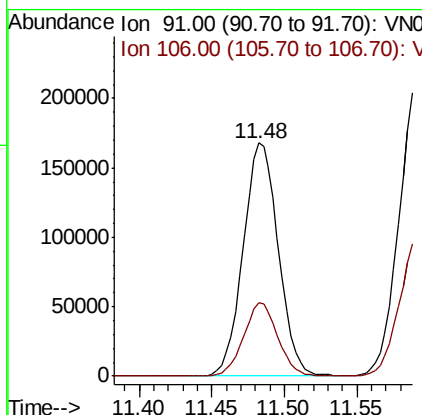
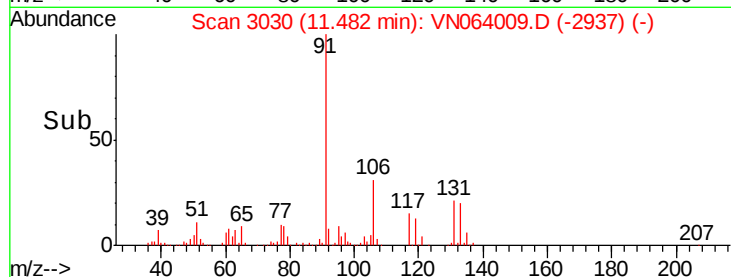
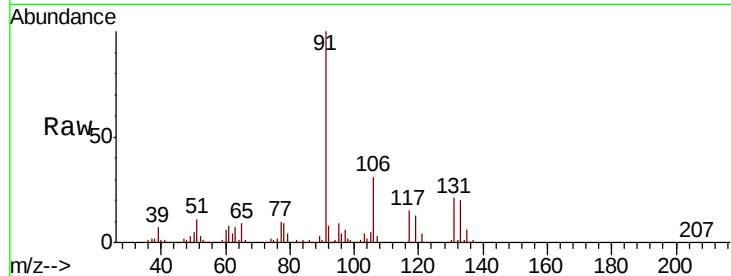




#67  
Ethyl Benzene  
Concen: 17.974 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

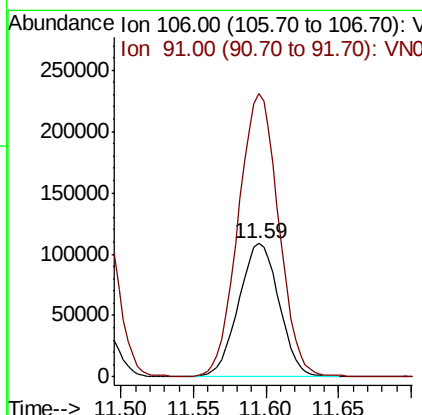
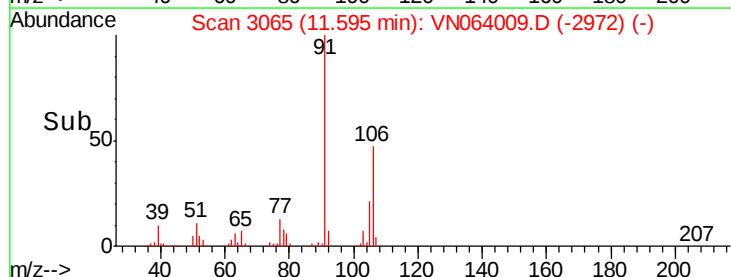
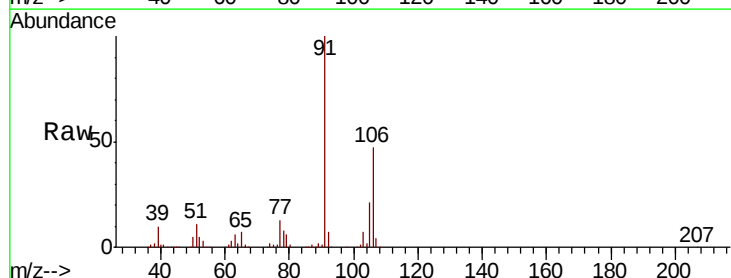
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1008WBSD02

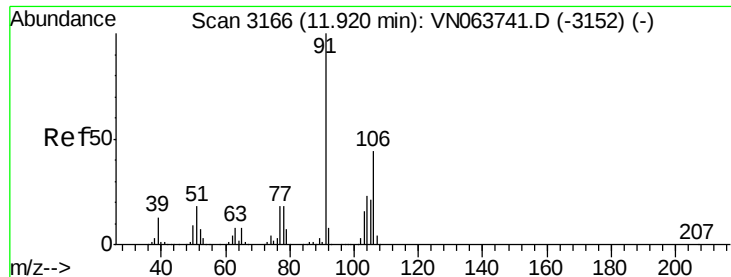
Tot Ion: 91 Resp: 283362  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.2 36.2



#68  
m/p-Xylenes  
Concen: 35.888 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion: 106 Resp: 210863  
Ion Ratio Lower Upper  
106 100  
91 211.9 168.0 252.0

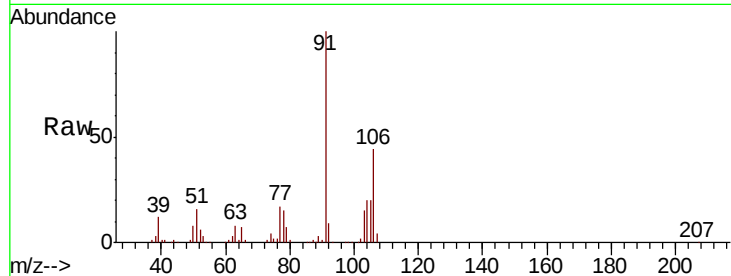




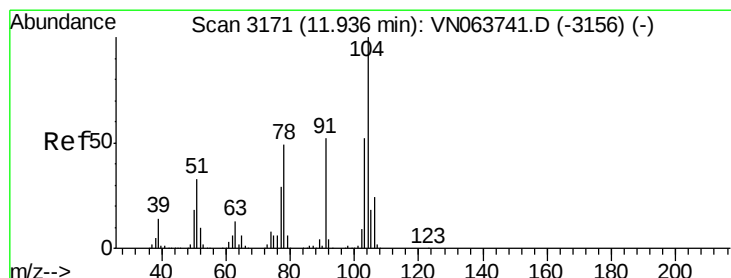
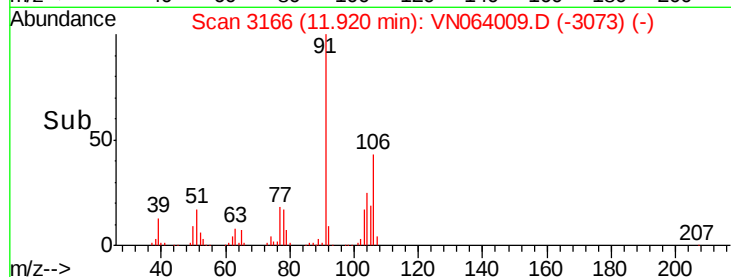
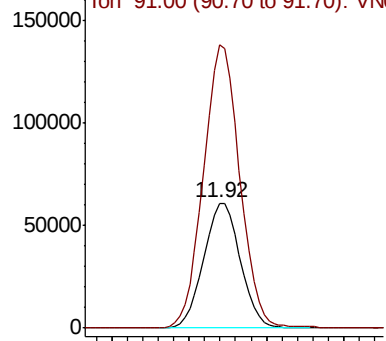
#69  
o-Xylene  
Concen: 18.321 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

Tot Ion:106 Resp: 100616  
Ion Ratio Lower Upper  
106 100  
91 225.1 112.7 338.0

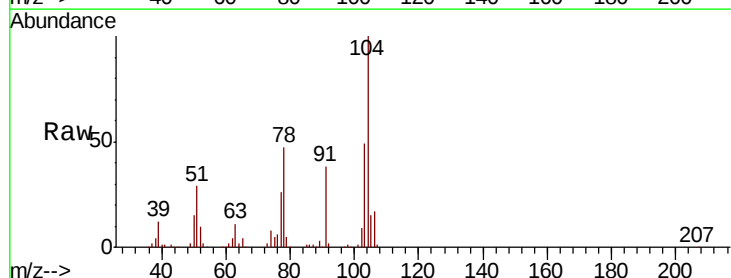


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

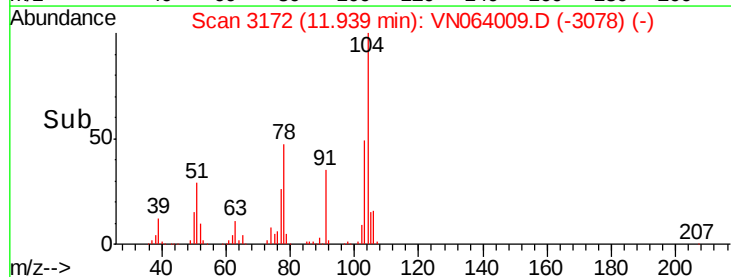
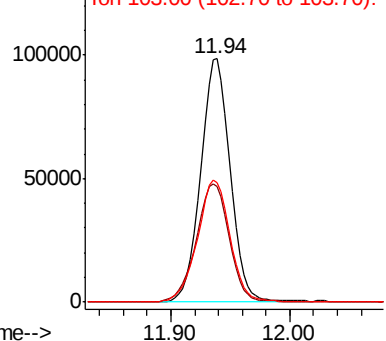


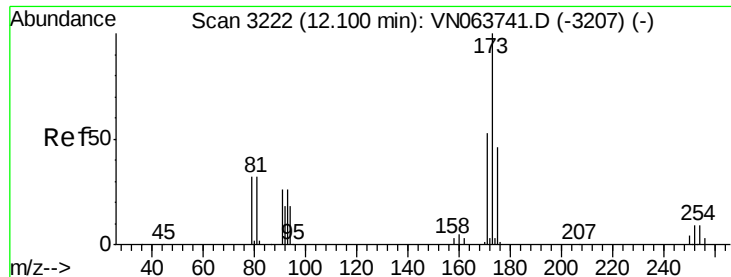
#70  
Styrene  
Concen: 18.225 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion:104 Resp: 169897  
Ion Ratio Lower Upper  
104 100  
78 54.3 44.1 66.1  
103 55.3 44.3 66.5



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





#71

Bromoform

Concen: 18.324 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

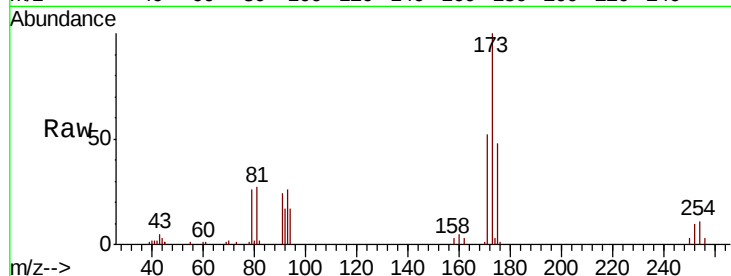
Tot Ion:173 Resp: 46548

Ion Ratio Lower Upper

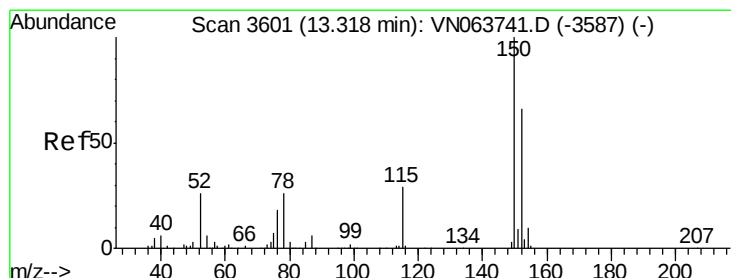
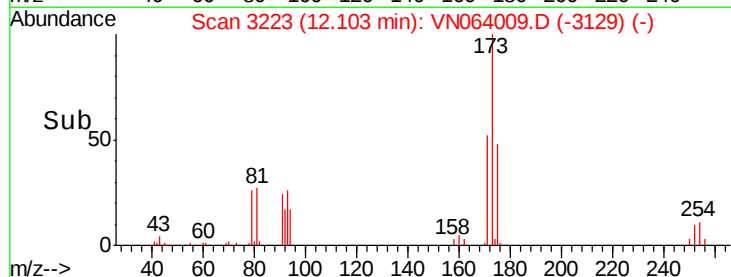
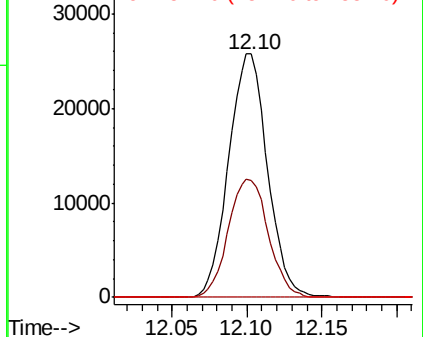
173 100

175 49.9 23.5 70.5

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# 3601

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

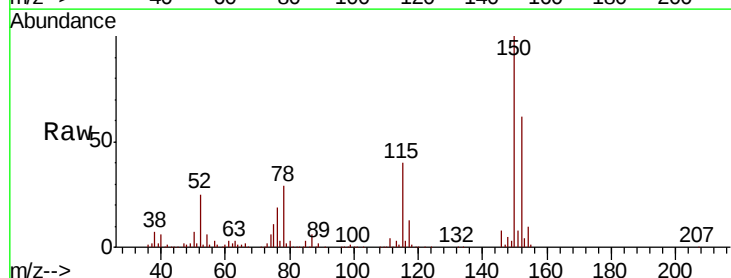
Tgt Ion:152 Resp: 189817

Ion Ratio Lower Upper

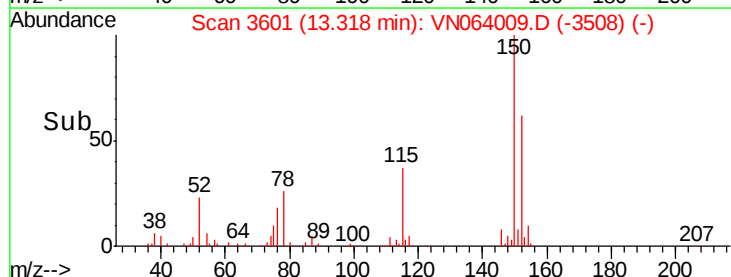
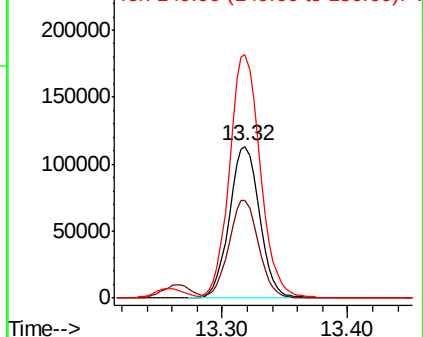
152 100

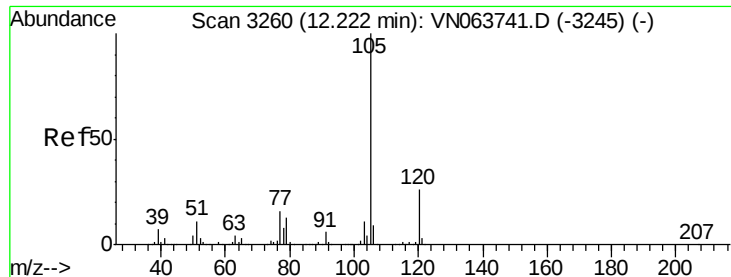
115 62.5 31.3 93.8

150 162.8 0.0 341.8



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





#73

Isopropylbenzene

Concen: 19.121 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

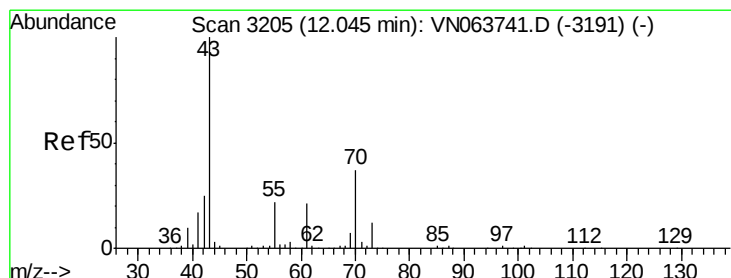
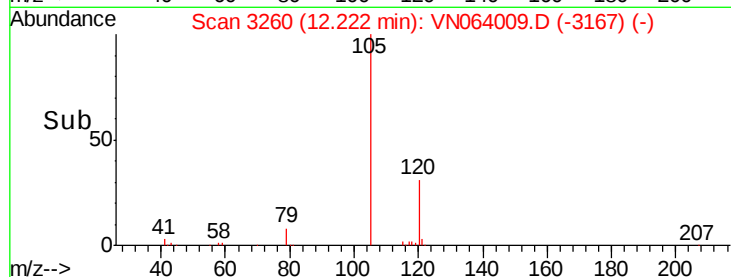
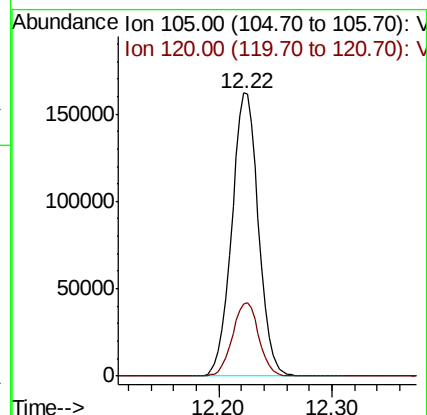
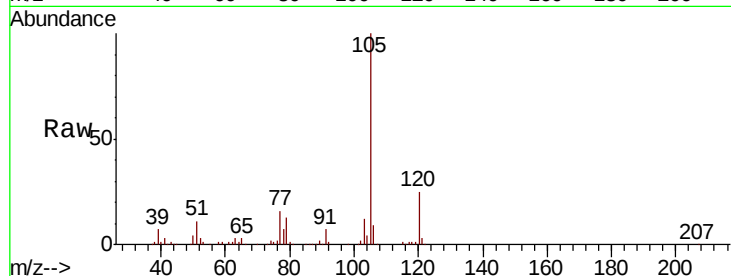
VN1008WBSD02

Tot Ion:105 Resp: 264737

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#74

N-ethyl acetate

Concen: 20.485 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Tgt Ion: 43 Resp: 123013

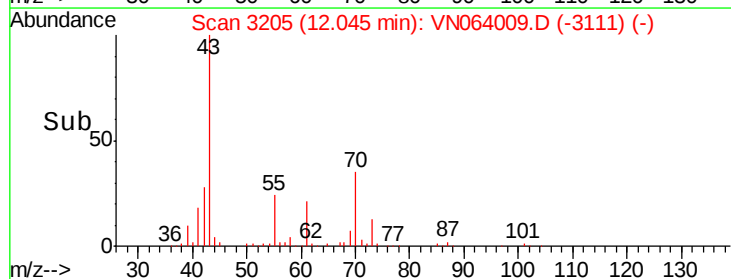
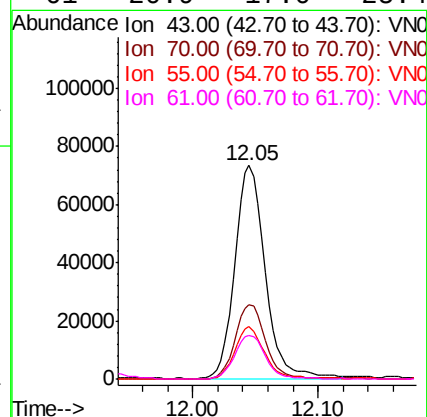
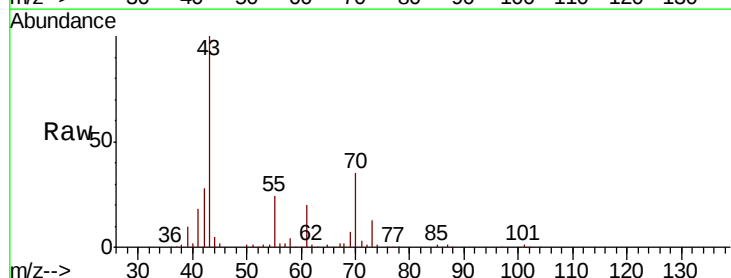
Ion Ratio Lower Upper

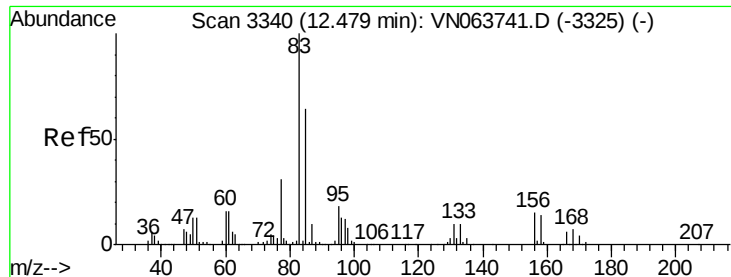
43 100

70 35.1 29.8 44.8

55 23.9 17.9 26.9

61 20.9 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.770 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

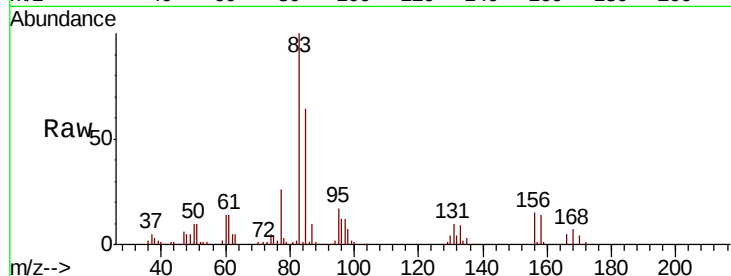
Tot Ion: 83 Resp: 92167

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

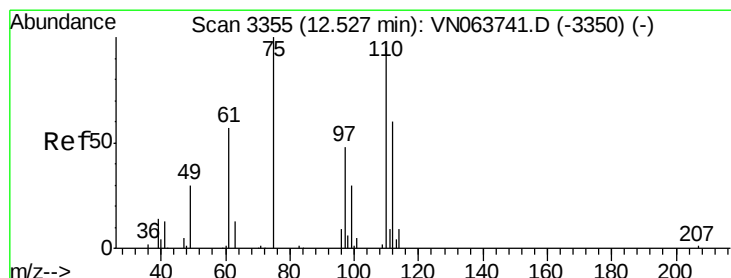
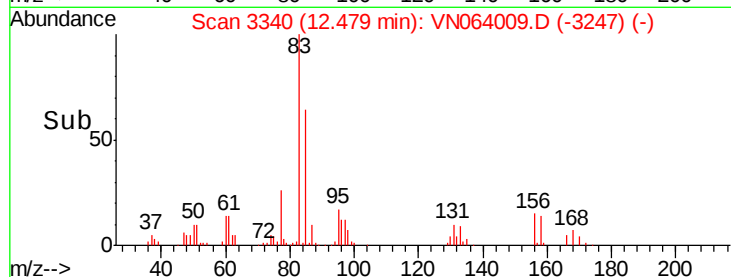
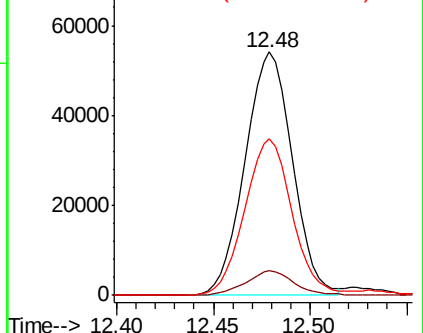
85 64.1 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN064009.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064009.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064009.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 29.004 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064009.D

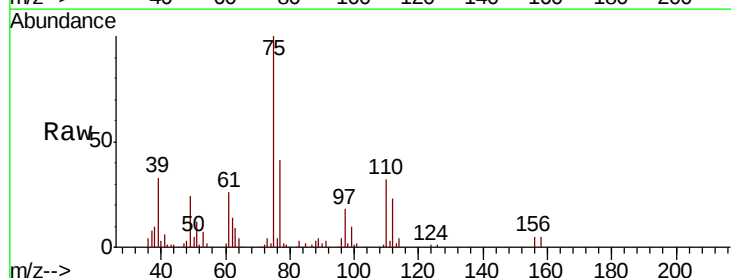
Acq: 9 Oct 2020 00:28

Tgt Ion: 75 Resp: 121363

Ion Ratio Lower Upper

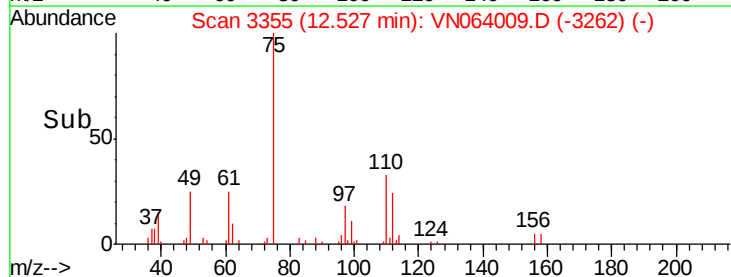
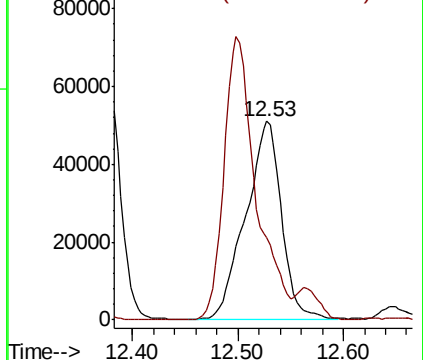
75 100

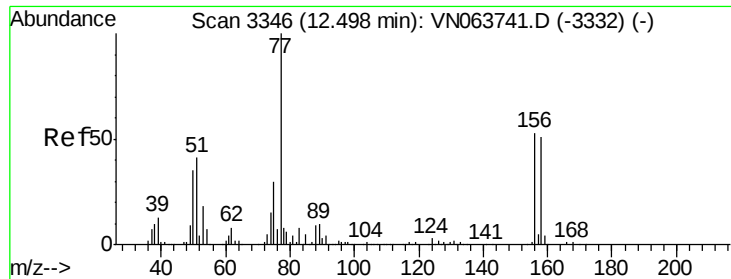
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064009.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064009.D (-3262) (-)





#77

Bromobenzene

Concen: 20.125 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

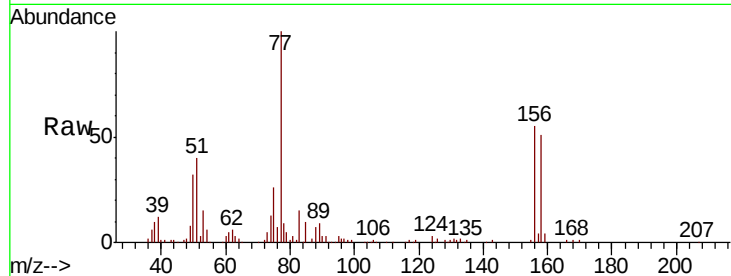
Tot Ion:156 Resp: 68368

Ion Ratio Lower Upper

156 100

77 222.7 110.9 332.7

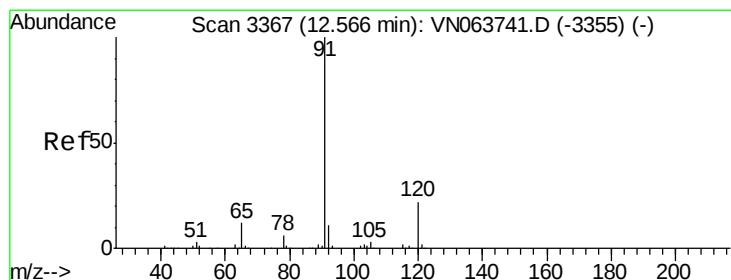
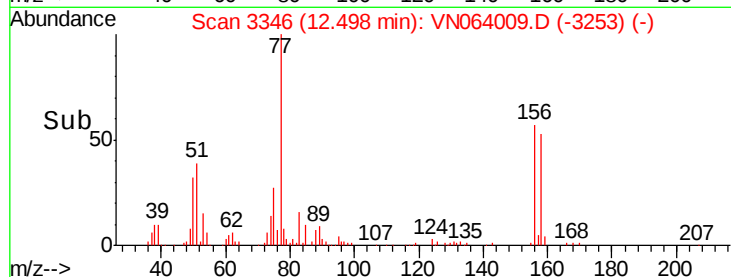
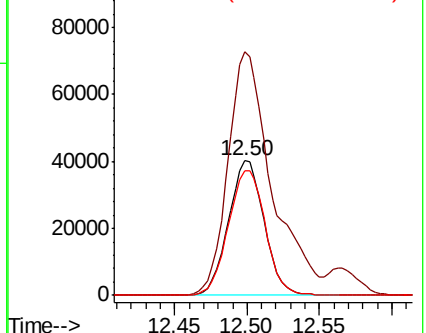
158 96.1 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.729 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064009.D

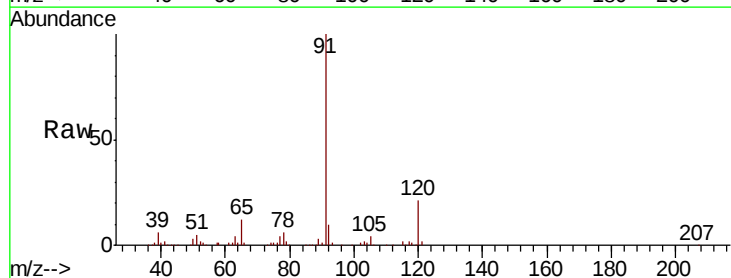
Acq: 9 Oct 2020 00:28

Tgt Ion: 91 Resp: 301773

Ion Ratio Lower Upper

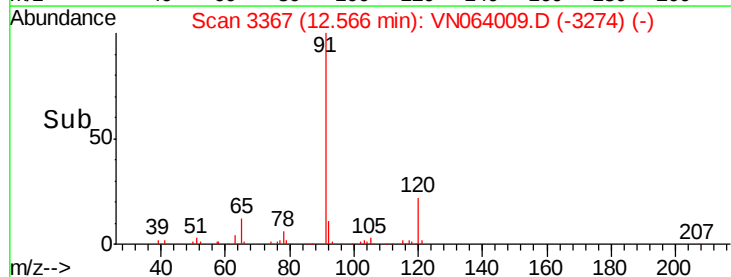
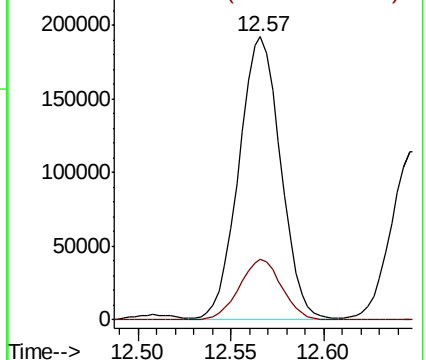
91 100

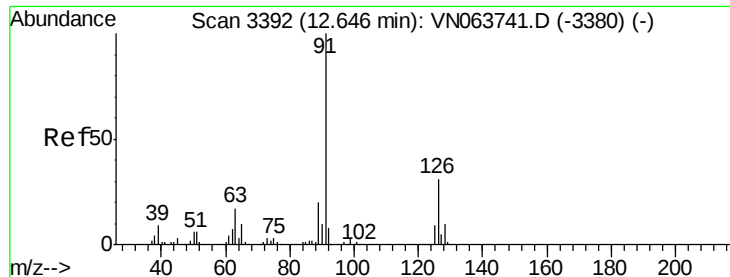
120 21.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

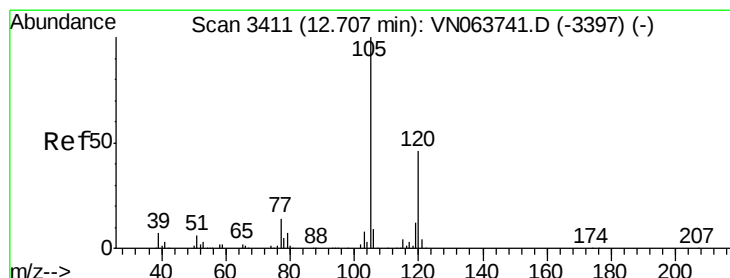
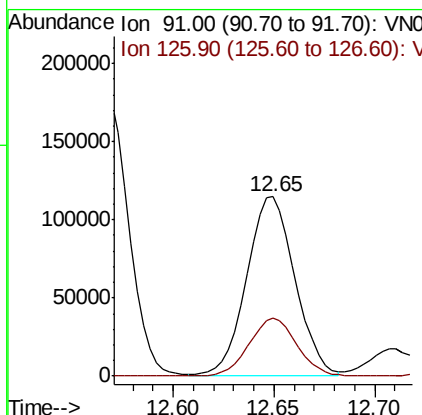
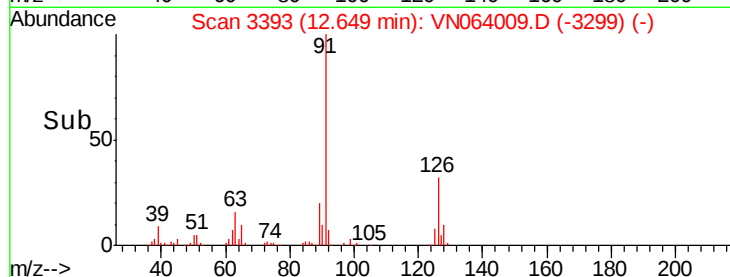
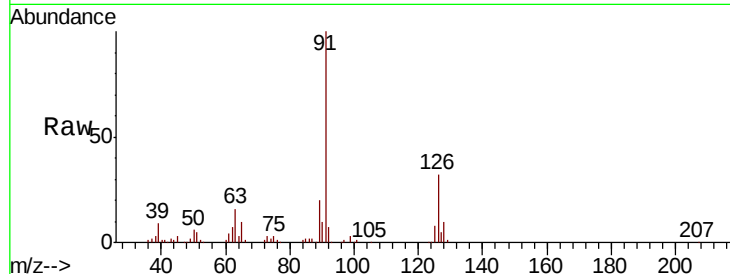




#79  
 2-Chlorotoluene  
 Concen: 19.354 ug/l  
 RT: 12.65 min Scan# 3393  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

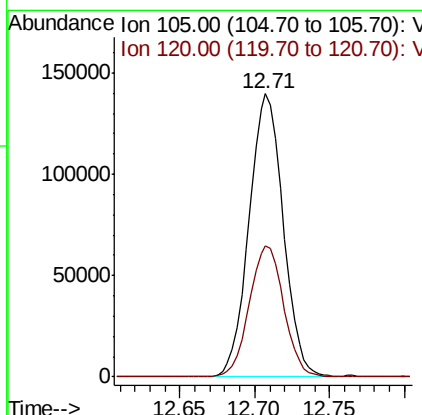
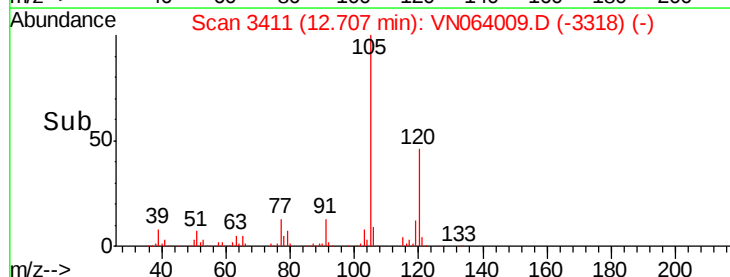
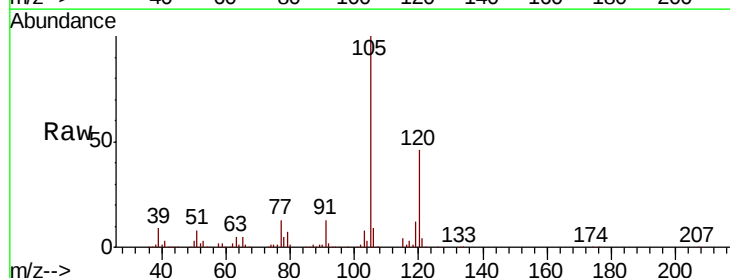
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

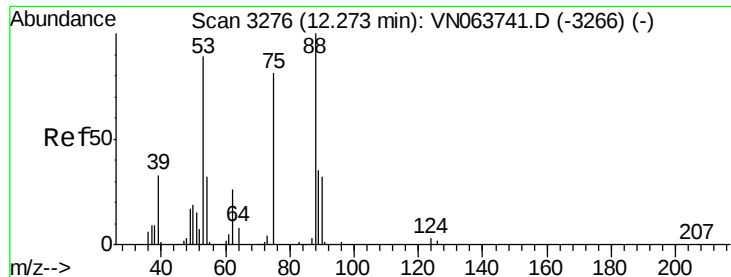
Tot Ion: 91 Resp: 191797  
 Ion Ratio Lower Upper  
 91 100  
 126 32.1 15.9 47.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.109 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion: 105 Resp: 221958  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.954 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

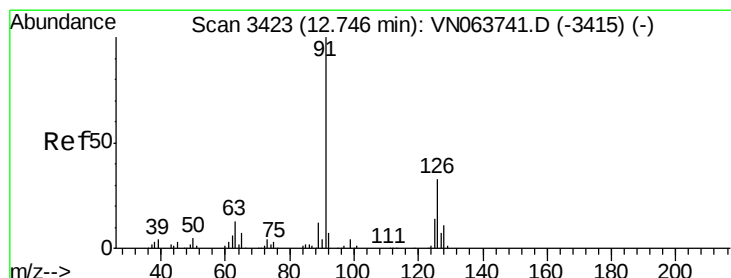
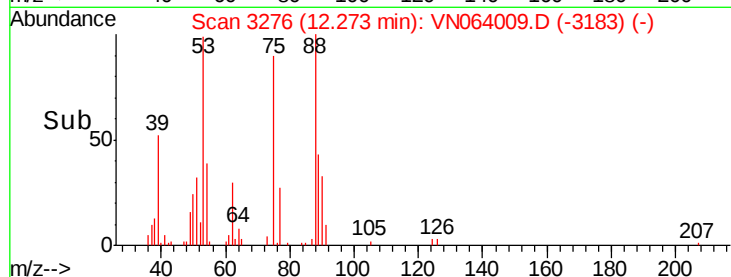
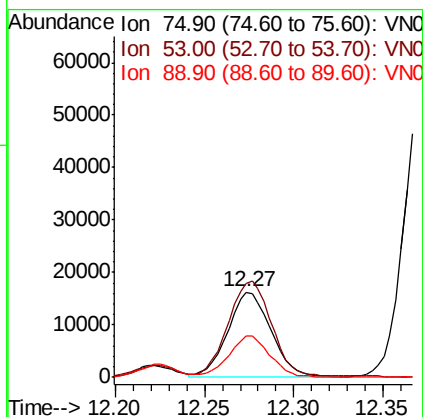
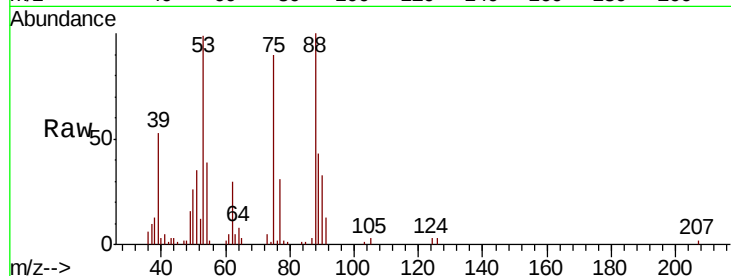
Tot Ion: 75 Resp: 27536

Ion Ratio Lower Upper

75 100

53 111.2 88.2 132.2

89 46.1 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.133 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064009.D

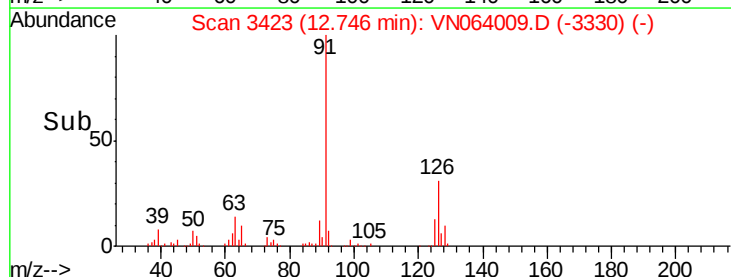
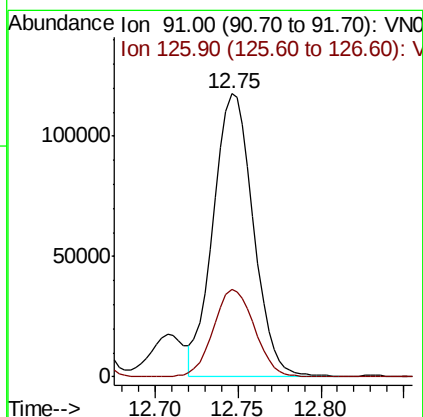
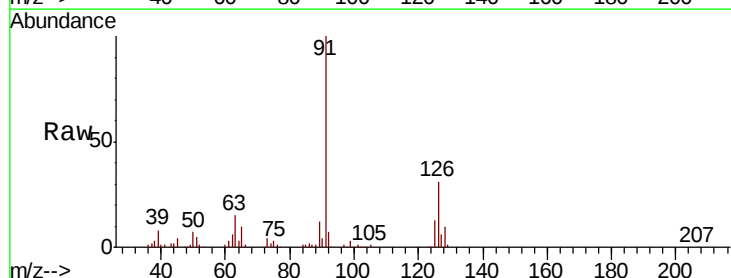
Acq: 9 Oct 2020 00:28

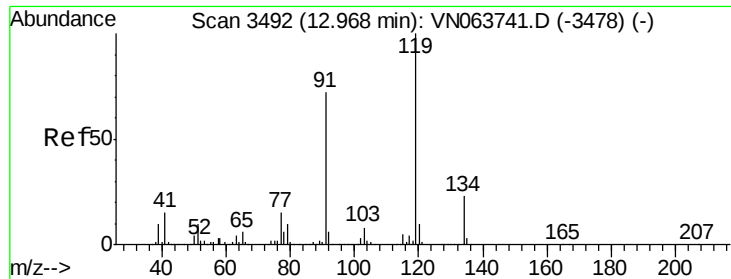
Tgt Ion: 91 Resp: 196831

Ion Ratio Lower Upper

91 100

126 32.0 15.4 46.2

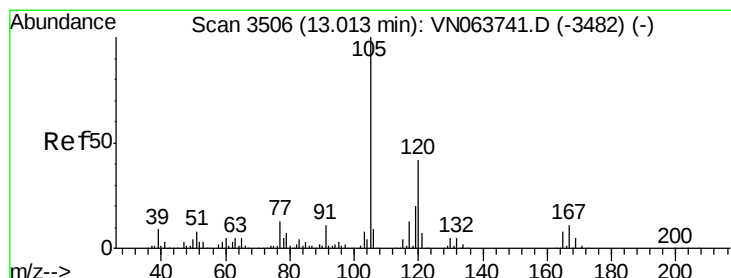
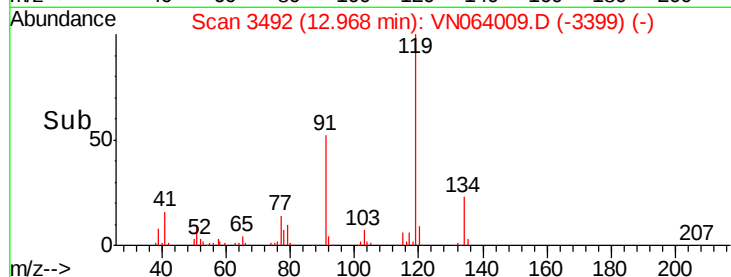
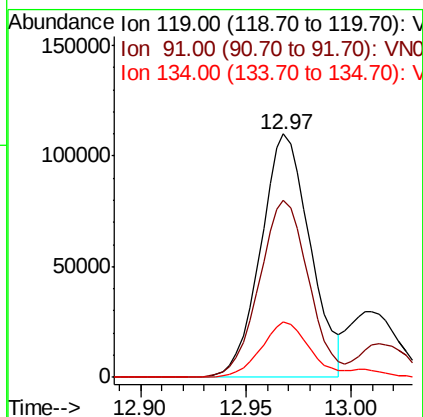
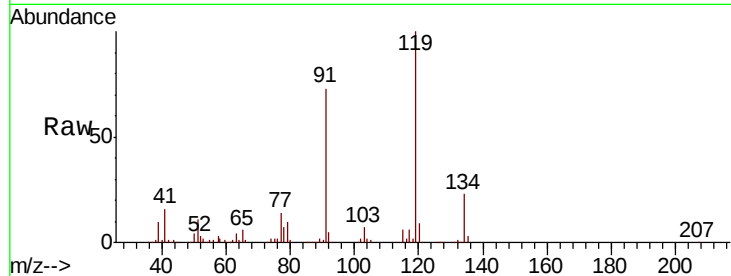




#83  
tert-Butylbenzene  
Concen: 18.872 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

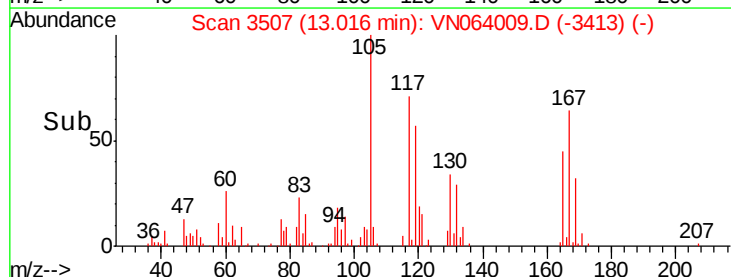
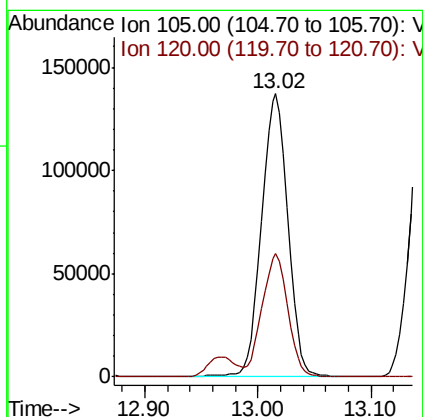
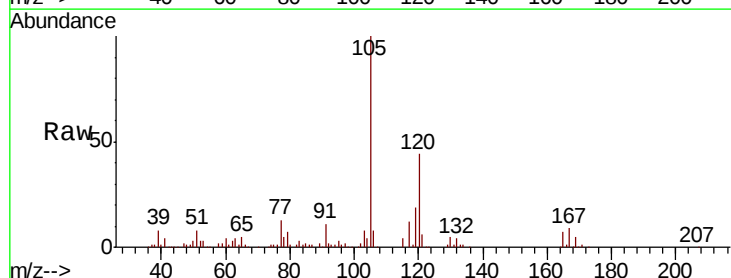
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

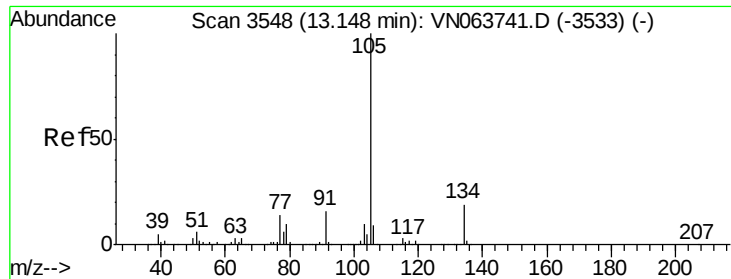
Tot Ion:119 Resp: 179302  
Ion Ratio Lower Upper  
119 100  
91 72.1 35.5 106.5  
134 22.2 11.7 35.1



#84  
1,2,4-Trimethylbenzene  
Concen: 19.154 ug/l  
RT: 13.02 min Scan# 3507  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion:105 Resp: 222128  
Ion Ratio Lower Upper  
105 100  
120 42.7 20.9 62.7

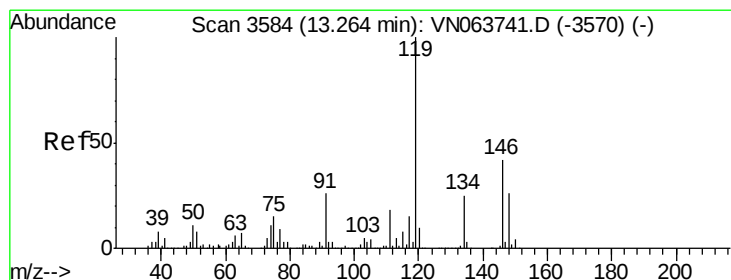
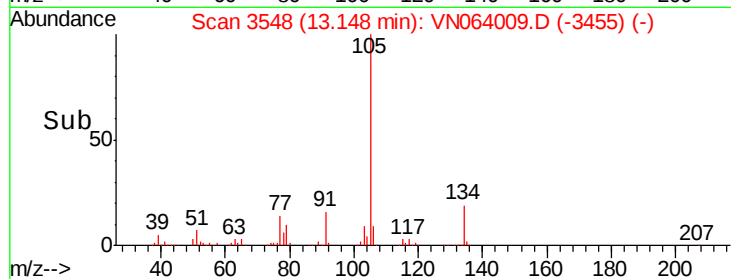
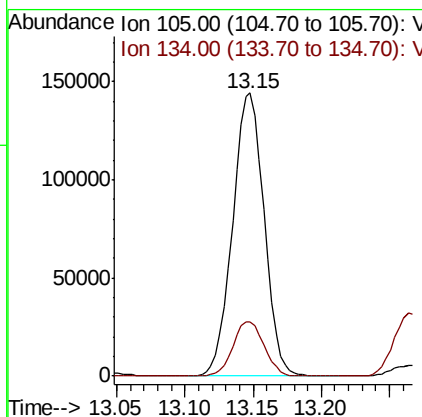
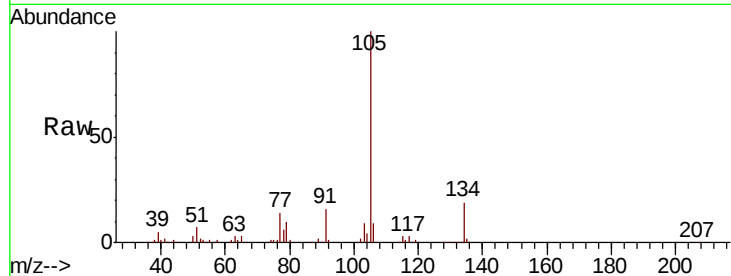




#85  
 sec-Butylbenzene  
 Concen: 18.434 ug/l  
 RT: 13.15 min Scan# 3548  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

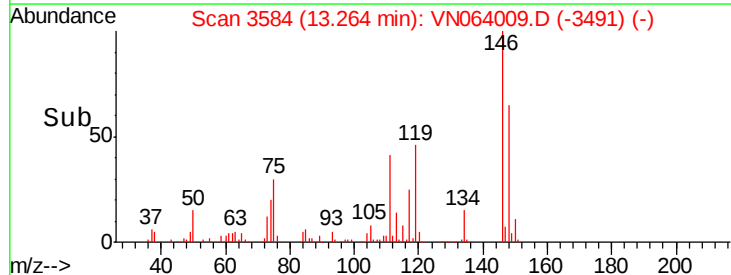
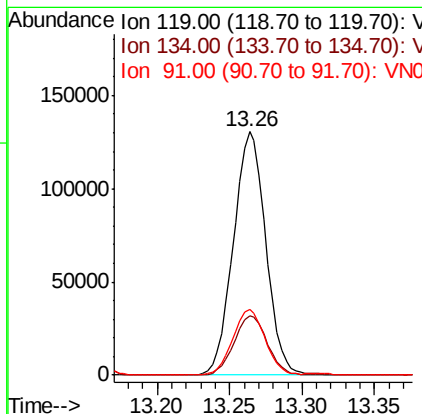
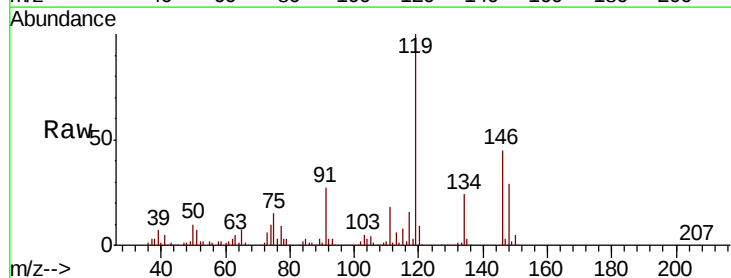
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

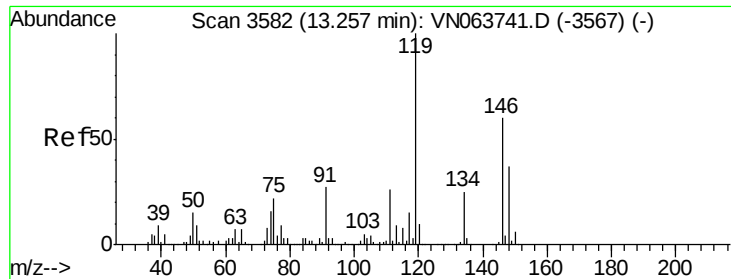
Tot Ion:105 Resp: 230039  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.5 28.5



#86  
 p-Isopropyltoluene  
 Concen: 18.243 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion:119 Resp: 201394  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.6 37.8  
 91 27.2 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 19.042 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1008WBSD02

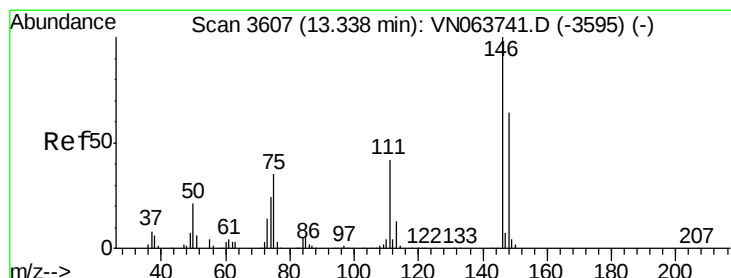
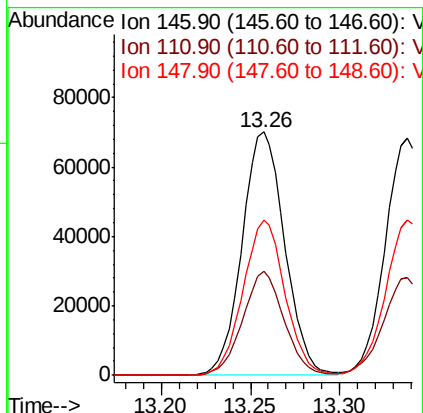
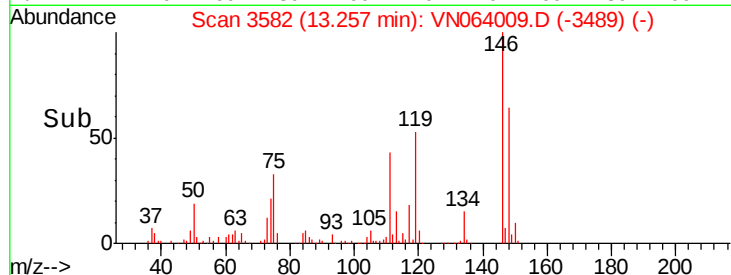
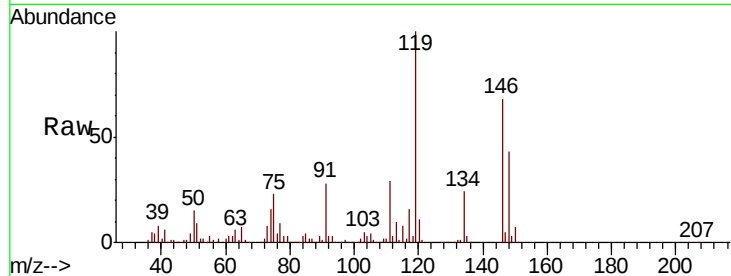
Tot Ion:146 Resp: 117036

Ion Ratio Lower Upper

146 100

111 41.2 21.5 64.5

148 62.7 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 18.088 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

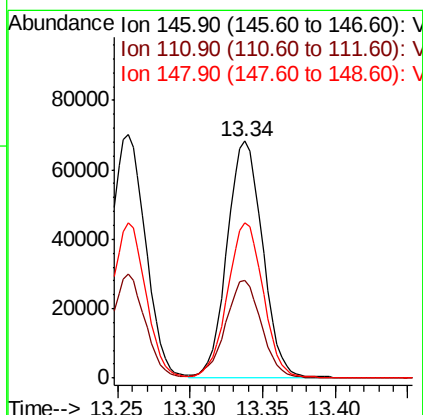
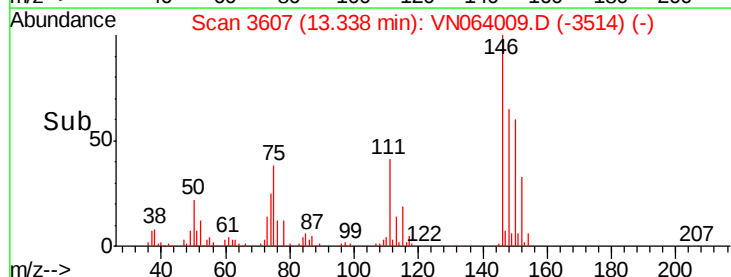
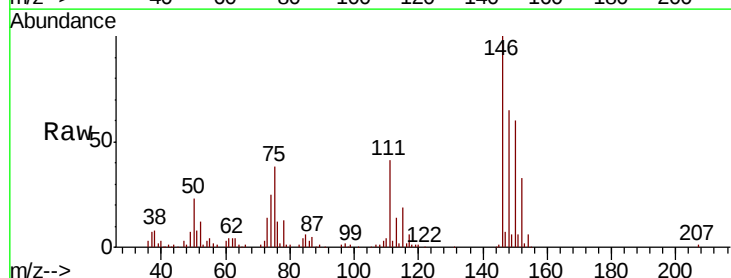
Tgt Ion:146 Resp: 115753

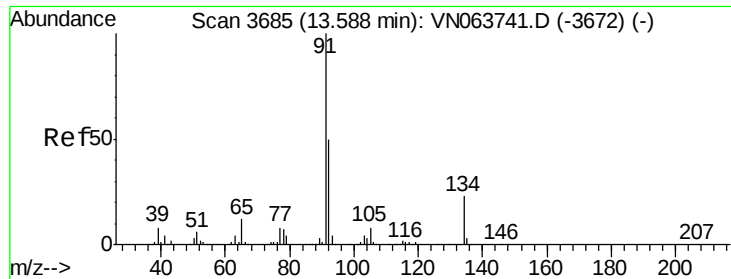
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

148 65.8 32.0 96.0





#89

n-Butylbenzene

Concen: 15.681 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064009.D

Acq: 9 Oct 2020 00:28

Instrument :

MSVOA\_N

ClientSampled :

VN1008WBSD02

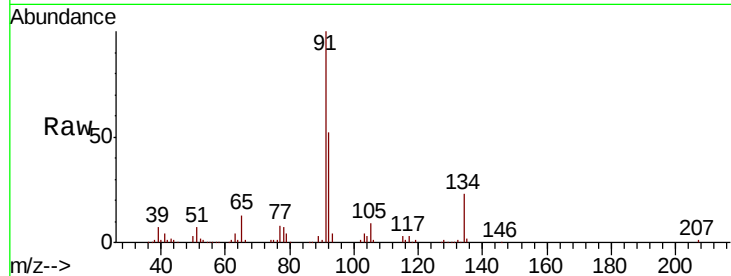
Tot Ion: 91 Resp: 159773

Ion Ratio Lower Upper

91 100

92 52.0 25.4 76.4

134 23.7 11.7 35.1

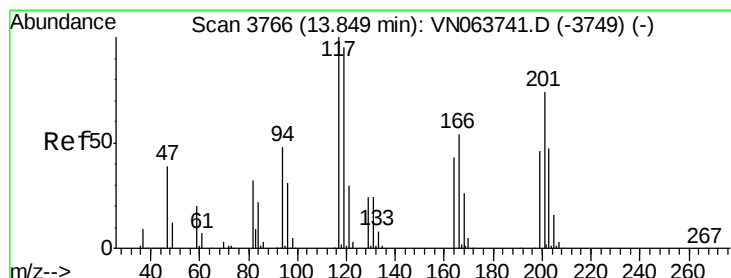
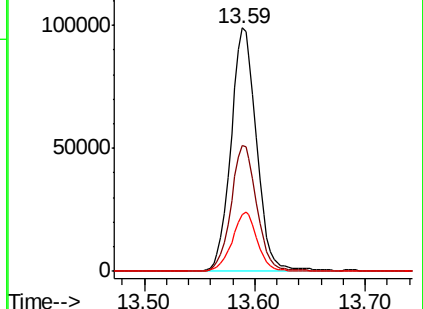
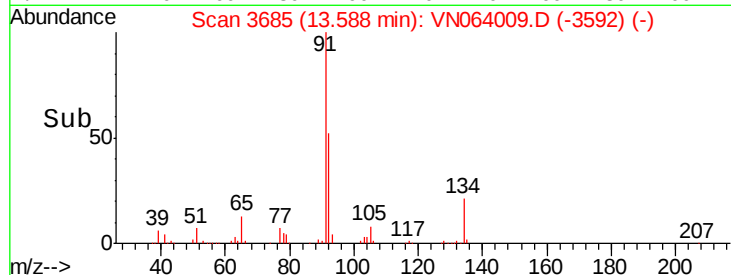


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)

13.59



#90

Hexachloroethane

Concen: 18.774 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064009.D

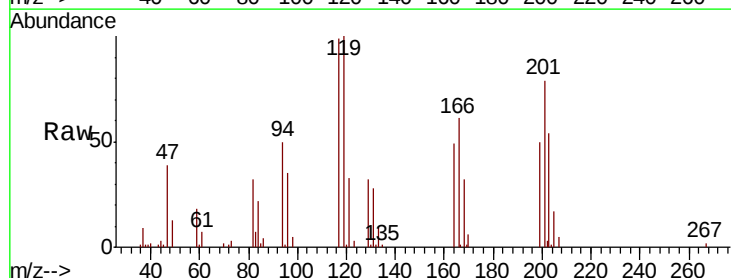
Acq: 9 Oct 2020 00:28

Tgt Ion: 117 Resp: 40162

Ion Ratio Lower Upper

117 100

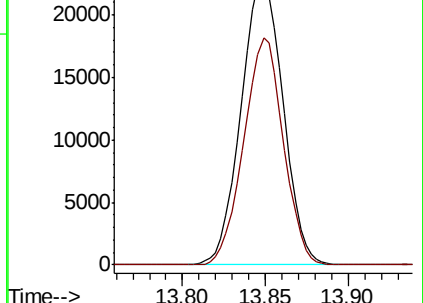
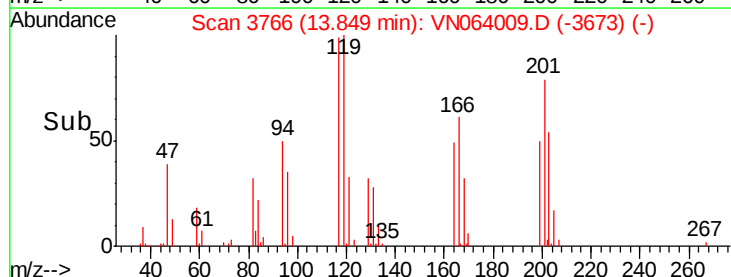
201 75.0 36.0 108.0

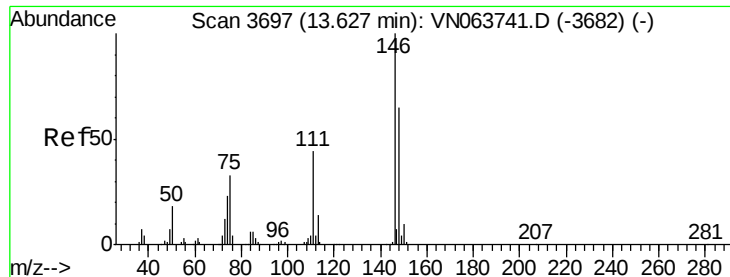


Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

13.85

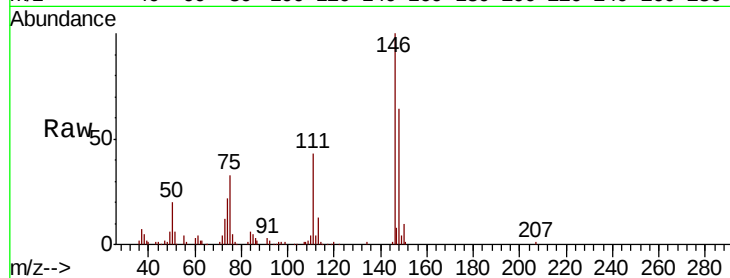




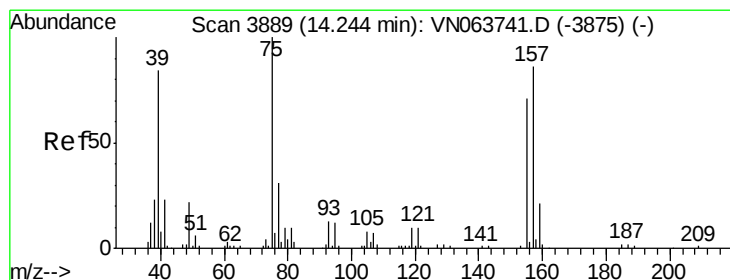
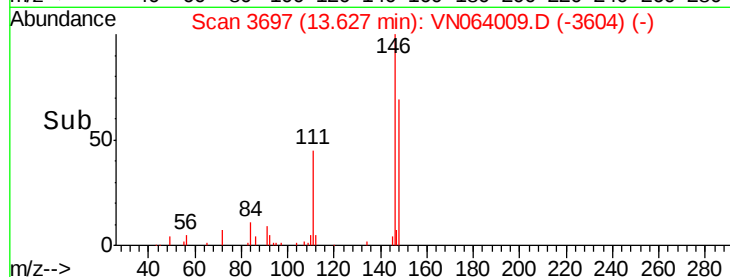
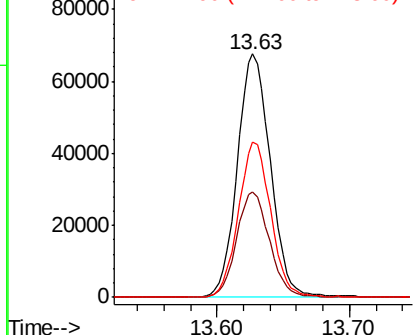
#91  
 1,2-Dichlorobenzene  
 Concen: 19.261 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.2  | 22.2  | 66.6  |
| 148     | 62.3  | 32.5  | 97.4  |

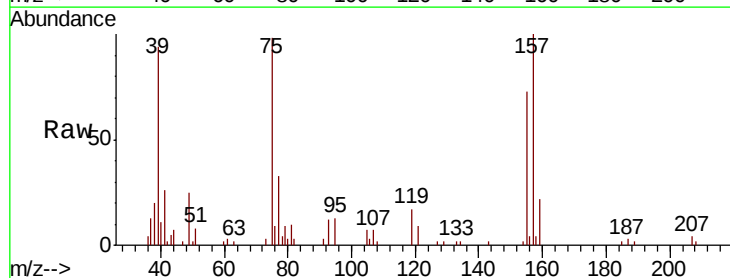


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

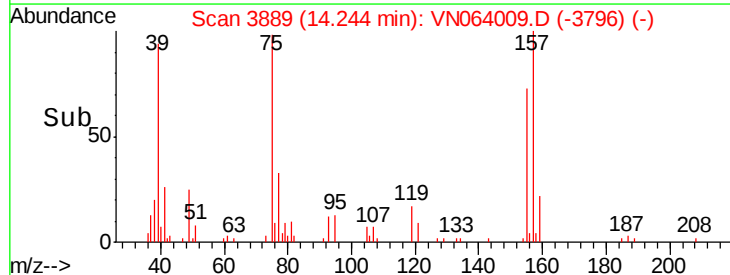
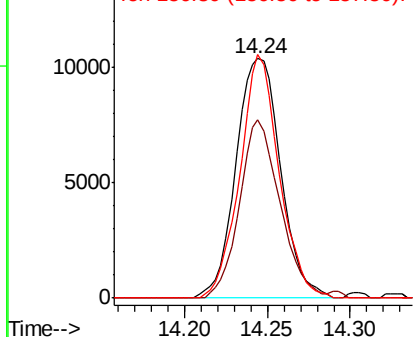


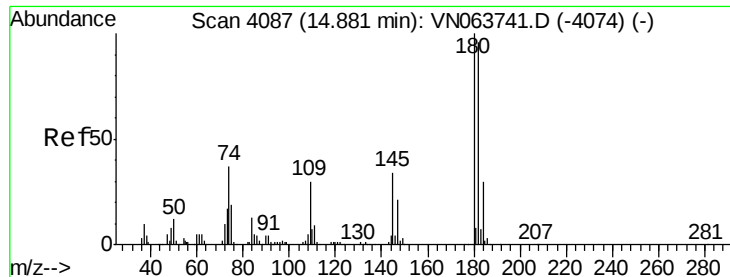
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.624 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 67.6  | 34.8  | 104.5 |
| 157     | 89.2  | 43.7  | 131.1 |



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

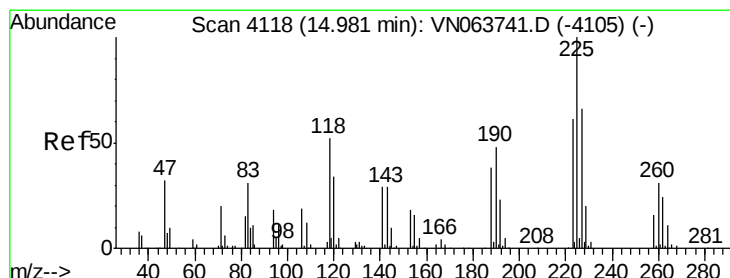
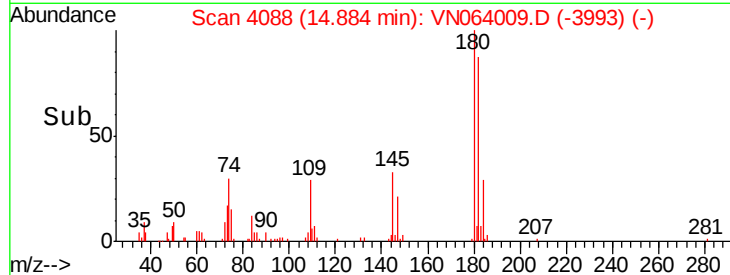
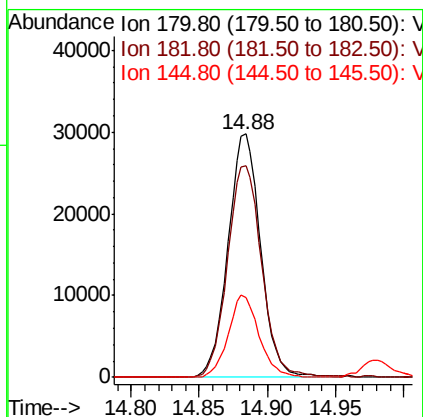
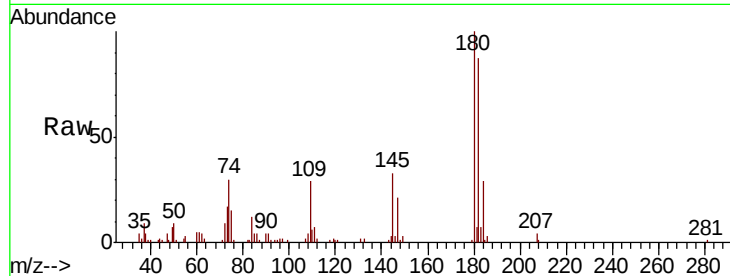




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.099 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

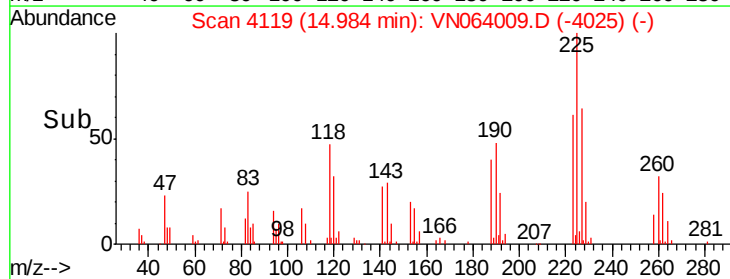
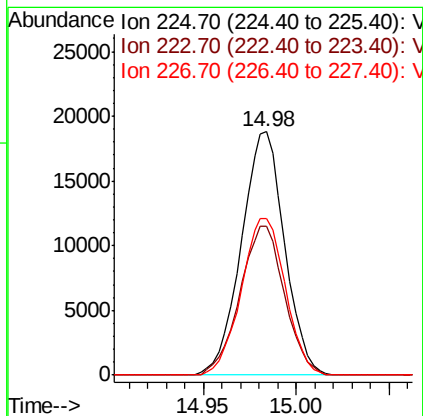
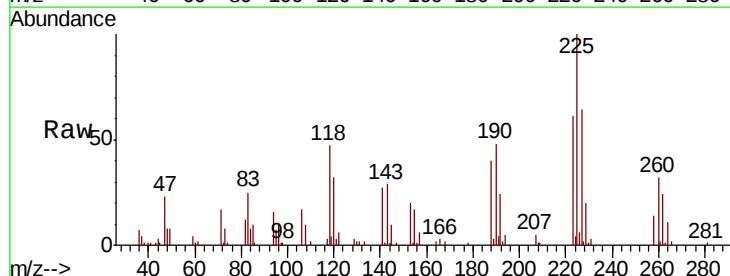
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1008WBSD02

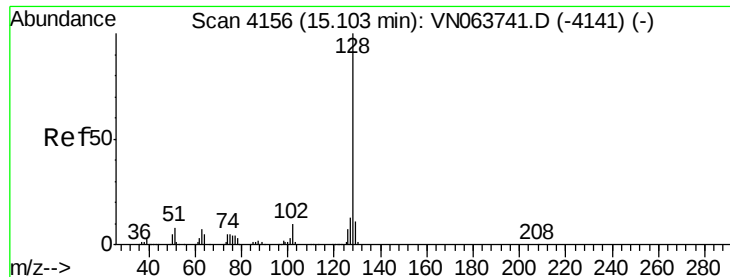
Tot Ion:180 Resp: 49253  
 Ion Ratio Lower Upper  
 180 100  
 182 91.7 48.2 144.6  
 145 31.9 17.1 51.2



#94  
 Hexachlorobutadiene  
 Concen: 18.517 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN064009.D  
 Acq: 9 Oct 2020 00:28

Tgt Ion:225 Resp: 30494  
 Ion Ratio Lower Upper  
 225 100  
 223 63.0 30.3 91.0  
 227 65.6 31.9 95.5

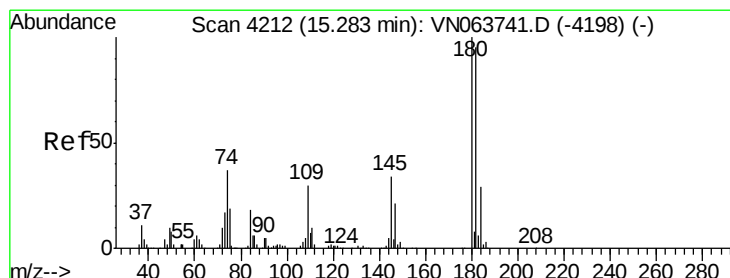
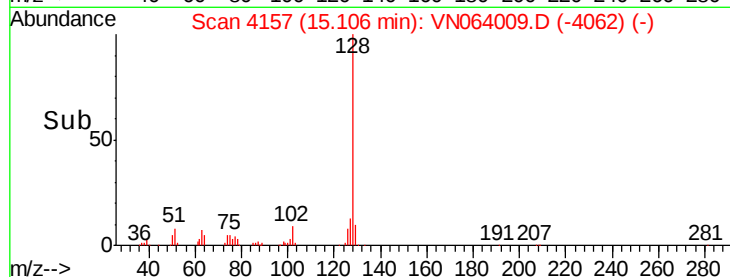
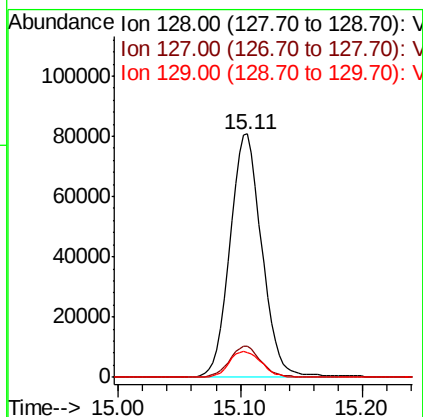
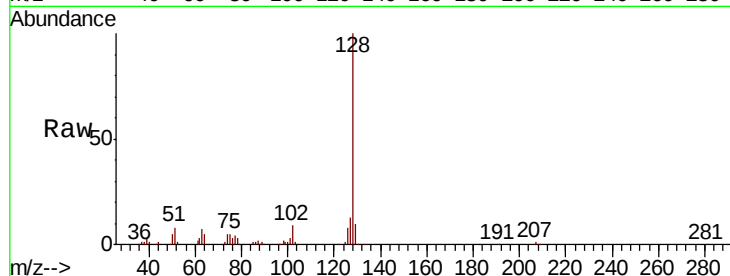




#95  
Naphthalene  
Concen: 15.748 ug/l  
RT: 15.11 min Scan# 4157  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1008WBSD02

Tot Ion:128 Resp: 147247  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 16.287 ug/l  
RT: 15.29 min Scan# 4213  
Delta R.T. 0.00 min  
Lab File: VN064009.D  
Acq: 9 Oct 2020 00:28

Tgt Ion:180 Resp: 48784  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.9 143.6  
145 35.1 17.2 51.5

