

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051520\  
 Data File : VN061410.D  
 Acq On : 15 May 2020 14:31  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 16 00:21:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 14 16:04:10 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.15  | 128  | 18493    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.55  | 114  | 110661   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.38 | 117  | 101247   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 7.99   | 65    | 52149    | 31.49    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 104.97% |
| 60) 4-Bromofluorobenzene  | 12.38  | 95    | 51630    | 29.87    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 99.57%  |
| 63) Toluene-d8            | 10.06  | 98    | 141699   | 30.23    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 100.77% |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 15646  | 18.582  | ug/l 99    |
| 3) Chloromethane              | 2.03 | 50  | 31784  | 20.645  | ug/l 99    |
| 4) Vinyl Chloride             | 2.16 | 62  | 44466  | 21.547  | ug/l 99    |
| 5) Bromomethane               | 2.54 | 94  | 22626  | 21.585  | ug/l 97    |
| 6) Chloroethane               | 2.67 | 64  | 30242  | 21.659  | ug/l 97    |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 48008  | 21.736  | ug/l 97    |
| 8) Diethyl Ether              | 3.37 | 74  | 13913  | 19.806  | ug/l 100   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 19009  | 20.148  | ug/l 68    |
| 10) 1,1-Dichloroethene        | 3.69 | 96  | 19485  | 19.616  | ug/l 97    |
| 11) Methyl Iodide             | 3.91 | 142 | 21619  | 20.110  | ug/l 98    |
| 12) Methyl Acetate            | 4.28 | 43  | 24883  | 20.626  | ug/l 99    |
| 13) Acrolein                  | 3.56 | 56  | 18464  | 90.900  | ug/l 99    |
| 14) Acrylonitrile             | 4.93 | 53  | 56460  | 99.705  | ug/l 97    |
| 15) Acetone                   | 3.78 | 58  | 14226  | 104.616 | ug/l 95    |
| 16) Carbon Disulfide          | 4.01 | 76  | 52469  | 18.790  | ug/l 99    |
| 17) Allyl chloride            | 4.27 | 41  | 38841  | 19.426  | ug/l 99    |
| 18) Methylene Chloride        | 4.50 | 84  | 23547  | 19.643  | ug/l 96    |
| 19) trans-1,2-Dichloroethene  | 4.98 | 96  | 22714  | 19.213  | ug/l 92    |
| 20) Diisopropyl ether         | 5.90 | 45  | 87928  | 18.891  | ug/l 93    |
| 21) 1,1-Dichloroethane        | 5.79 | 63  | 47775  | 19.657  | ug/l 100   |
| 22) cis-1,2-Dichloroethene    | 6.78 | 96  | 26792  | 19.328  | ug/l 96    |
| 23) tert-Butyl Alcohol        | 4.73 | 59  | 22376  | 123.272 | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 4.99 | 73  | 76755  | 19.040  | ug/l 95    |
| 25) Chloroform                | 7.33 | 83  | 45797  | 19.439  | ug/l 98    |
| 26) Cyclohexane               | 7.61 | 56  | 45289  | 19.515  | ug/l # 96  |
| 29) 1,1-Dichloropropene       | 7.75 | 75  | 37366  | 19.242  | ug/l 98    |
| 30) 2-Butanone                | 6.78 | 43  | 82734  | 100.717 | ug/l 98    |
| 31) 2,2-Dichloropropane       | 6.77 | 77  | 44102  | 19.439  | ug/l 95    |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 41106  | 18.919  | ug/l 99    |
| 33) Carbon Tetrachloride      | 7.73 | 117 | 31144  | 18.674  | ug/l 99    |
| 34) Benzene                   | 8.00 | 78  | 105919 | 19.280  | ug/l 98    |
| 35) Methacrylonitrile         | 7.12 | 41  | 15669  | 19.018  | ug/l 82    |
| 36) 1,2-Dichloroethane        | 8.08 | 62  | 40822  | 19.357  | ug/l 100   |
| 37) Trichloroethene           | 8.80 | 130 | 26433  | 19.541  | ug/l 99    |
| 38) Methylcyclohexane         | 9.04 | 83  | 44795  | 19.216  | ug/l 96    |
| 39) 1,2-Dichloropropane       | 9.08 | 63  | 30028  | 19.882  | ug/l 99    |
| 40) Dibromomethane            | 9.17 | 93  | 17944  | 19.236  | ug/l 92    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051520\  
 Data File : VN061410.D  
 Acq On : 15 May 2020 14:31  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 16 00:21:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 14 16:04:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 9.37  | 83   | 38783    | 19.164  | ug/l   | 99       |
| 42) Vinyl Acetate              | 5.84  | 43   | 365152   | 93.606  | ug/l   | 100      |
| 43) Ethyl Acetate              | 6.88  | 43   | 36487    | 20.795  | ug/l   | 97       |
| 44) Isopropyl Acetate          | 8.12  | 43   | 63555    | 18.656  | ug/l   | 98       |
| 45) 1,4-Dioxane                | 9.17  | 88   | 8451     | 628.602 | ug/l   | 96       |
| 46) Methyl methacrylate        | 9.17  | 41   | 29417    | 18.362  | ug/l   | 98       |
| 47) n-amyl Acetate             | 12.04 | 43   | 54560    | 17.956  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene      | 10.35 | 75   | 44691    | 18.713  | ug/l   | 95       |
| 49) cis-1,3-Dichloropropene    | 9.81  | 75   | 47509    | 18.807  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane      | 10.53 | 97   | 24650    | 19.111  | ug/l   | 98       |
| 51) Ethyl methacrylate         | 10.40 | 69   | 41153    | 18.519  | ug/l   | 93       |
| 52) 1,3-Dichloropropane        | 10.68 | 76   | 45325    | 19.244  | ug/l   | 97       |
| 53) Dibromochloromethane       | 10.87 | 129  | 25879    | 18.311  | ug/l   | 100      |
| 54) 1,2-Dibromoethane          | 10.98 | 107  | 25004    | 18.787  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether  | 9.66  | 63   | 84017    | 85.429  | ug/l   | 99       |
| 56) Bromoform                  | 12.10 | 173  | 15211    | 17.114  | ug/l # | 97       |
| 58) 4-Methyl-2-Pentanone       | 9.95  | 43   | 176689   | 95.768  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 127246   | 97.505  | ug/l   | 100      |
| 61) Tetrachloroethene          | 10.60 | 164  | 24541    | 19.383  | ug/l   | 97       |
| 62) Toluene                    | 10.12 | 91   | 112843   | 19.222  | ug/l   | 98       |
| 64) Chlorobenzene              | 11.41 | 112  | 66982    | 19.277  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 23780    | 18.730  | ug/l   | 98       |
| 66) Ethyl Benzene              | 11.48 | 91   | 128477   | 19.070  | ug/l   | 99       |
| 67) m/p-Xylenes                | 11.60 | 106  | 94415    | 37.950  | ug/l   | 100      |
| 68) o-Xylene                   | 11.92 | 106  | 45802    | 19.290  | ug/l   | 99       |
| 69) Styrene                    | 11.94 | 104  | 75544    | 18.490  | ug/l   | 98       |
| 70) Isopropylbenzene           | 12.22 | 105  | 121676   | 18.913  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 33684    | 18.952  | ug/l   | 97       |
| 72) 1,2,3-Trichloropropane     | 12.53 | 75   | 48110    | 28.381  | ug/l   | 65       |
| 73) Bromobenzene               | 12.50 | 156  | 24730    | 18.506  | ug/l   | 89       |
| 74) n-propylbenzene            | 12.57 | 91   | 144488   | 18.889  | ug/l   | 99       |
| 75) 2-Chlorotoluene            | 12.65 | 91   | 83365    | 19.005  | ug/l   | 97       |
| 76) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 101509   | 18.802  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene    | 12.27 | 75   | 12662    | 17.947  | ug/l   | 96       |
| 78) 4-Chlorotoluene            | 12.75 | 91   | 86039    | 18.731  | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.97 | 119  | 84803    | 18.909  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 102000   | 18.928  | ug/l   | 99       |
| 81) sec-Butylbenzene           | 13.15 | 105  | 118095   | 19.114  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 13.26 | 119  | 102983   | 18.510  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene        | 13.26 | 146  | 45243    | 18.217  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene        | 13.34 | 146  | 45178    | 18.380  | ug/l   | 97       |
| 85) n-Butylbenzene             | 13.59 | 91   | 97344    | 18.899  | ug/l   | 98       |
| 86) Hexachloroethane           | 13.85 | 117  | 13951    | 17.988  | ug/l   | 83       |
| 87) 1,2-Dichlorobenzene        | 13.63 | 146  | 43586    | 18.501  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 7561     | 19.960  | ug/l   | 87       |
| 89) 1,2,4-Trichlorobenzene     | 14.89 | 180  | 24872    | 18.376  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 14.99 | 225  | 10880    | 19.732  | ug/l   | 96       |
| 91) Naphthalene                | 15.11 | 128  | 76961    | 18.077  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 15.29 | 180  | 24085    | 18.321  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051520\  
Data File : VN061410.D  
Acq On : 15 May 2020 14:31  
Operator : JC/MD  
Sample : VSTDCCC020  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 16 00:21:56 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu May 14 16:04:10 2020  
Response via : Initial Calibration

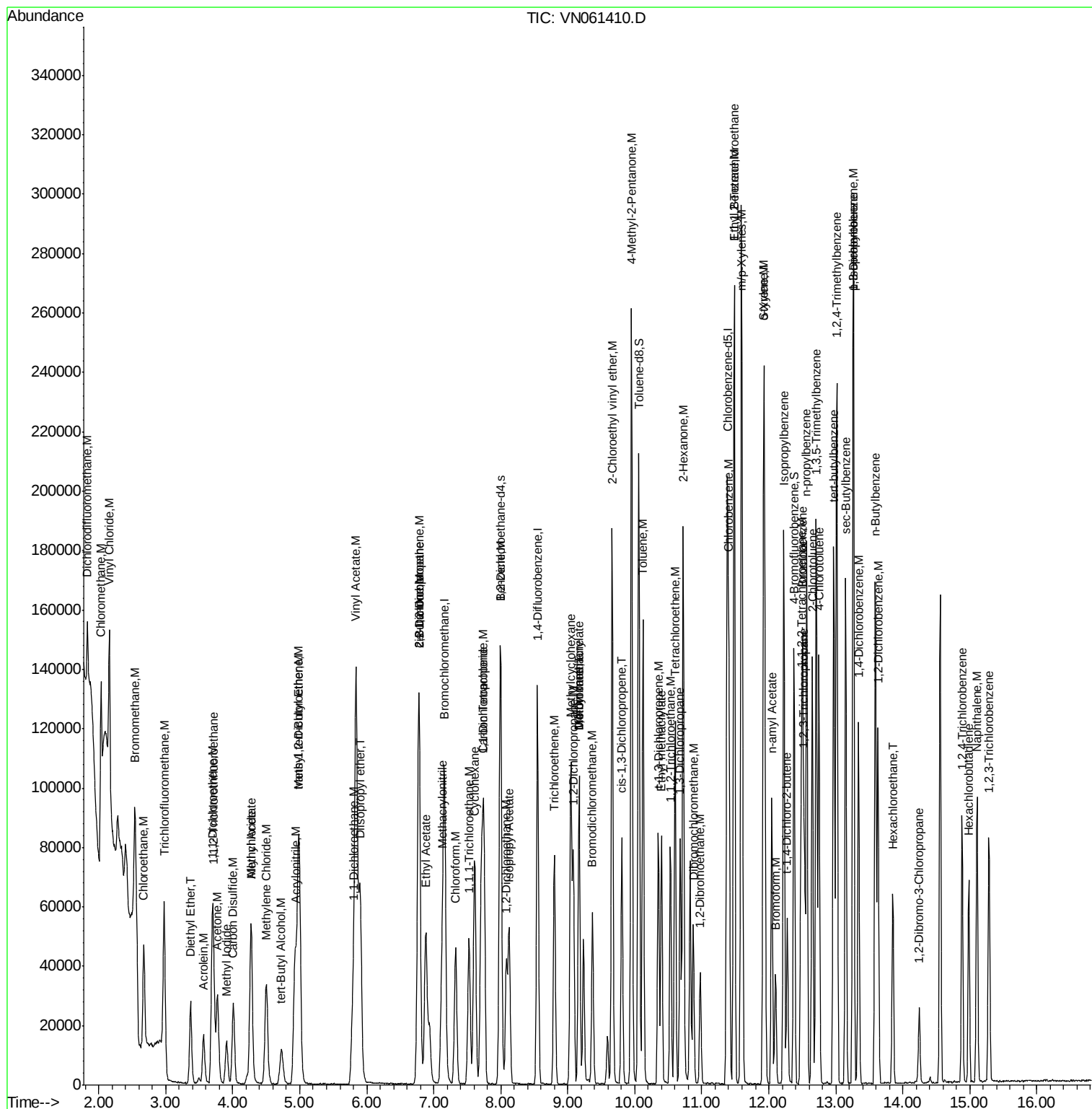
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

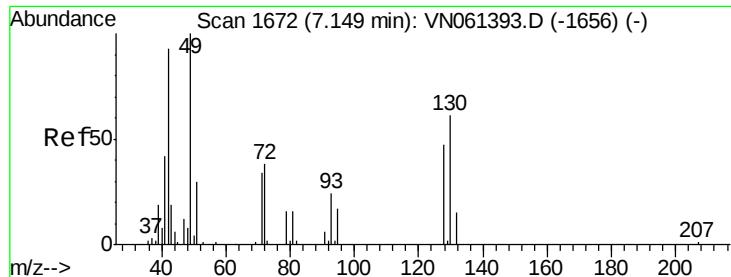
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051520\  
Data File : VN061410.D  
Acq On : 15 May 2020 14:31  
Operator : JC/MD  
Sample : VSTDCCC020  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**

Quant Time: May 16 00:21:56 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A N\METHODS\624N051420W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu May 14 16:04:10 2020  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :  
MSVOA\_N  
ClientSampled :

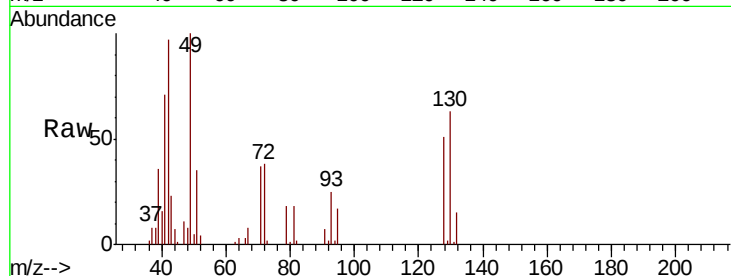
Tot Ion:128 Resp: 18493

Ion Ratio Lower Upper

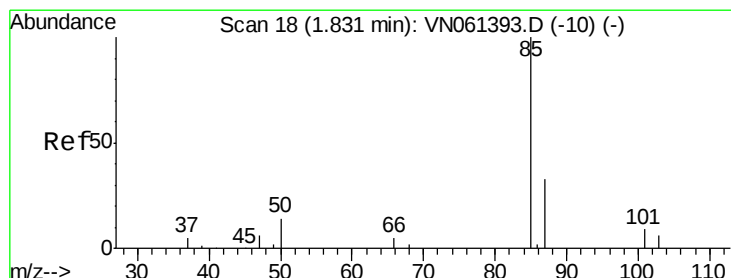
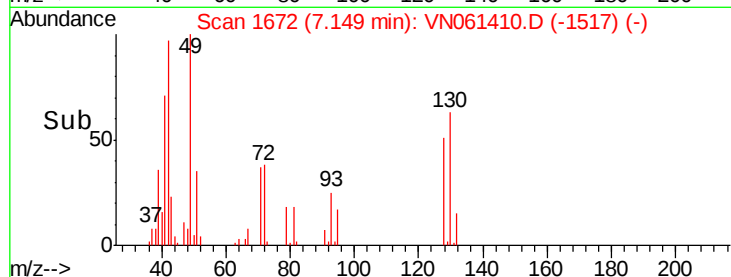
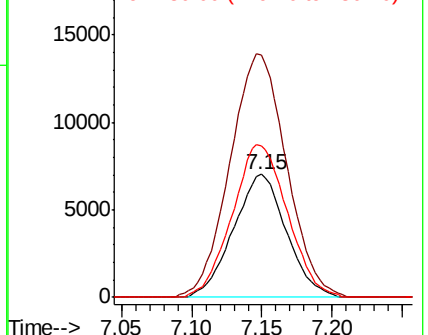
128 100

49 210.5 0.0 453.5

130 129.2 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 49.00 (48.70 to 49.70): VN  
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.582 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061410.D

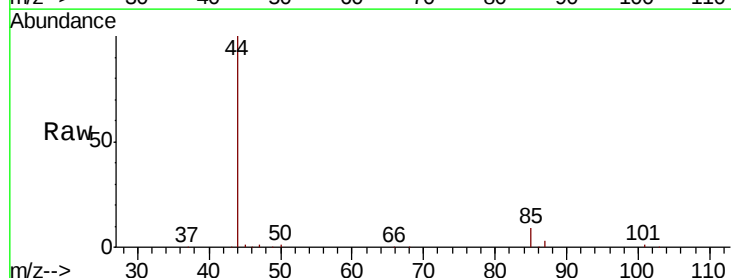
Acq: 15 May 2020 14:31

Tgt Ion: 85 Resp: 15646

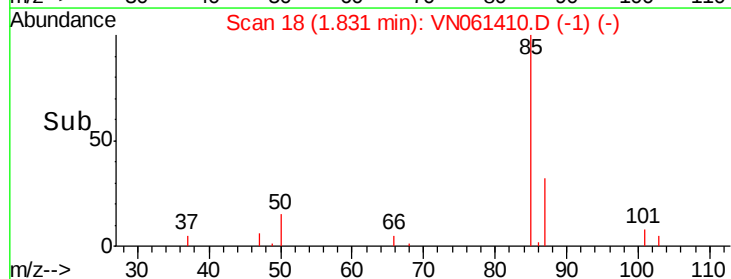
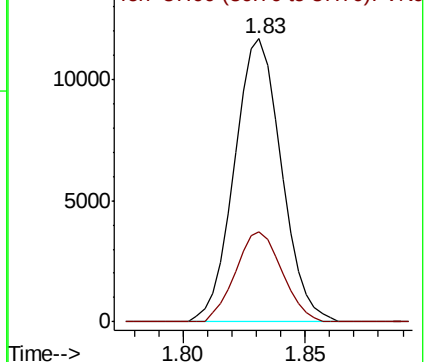
Ion Ratio Lower Upper

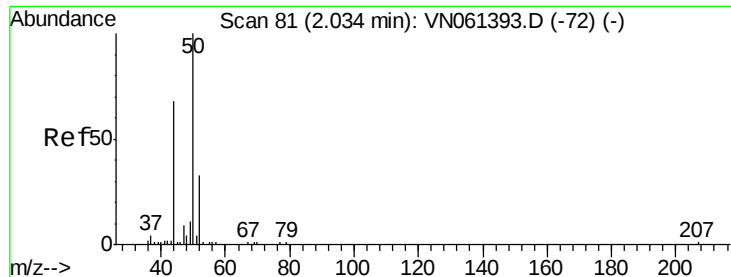
85 100

87 31.9 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VN  
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 20.645 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

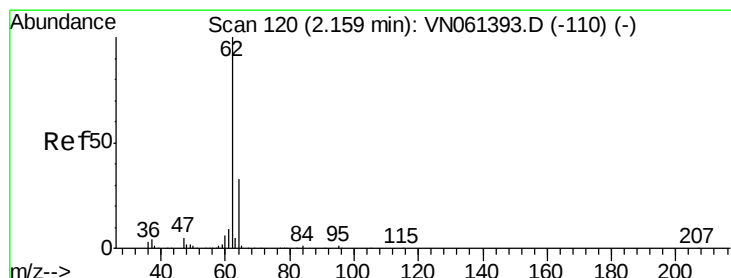
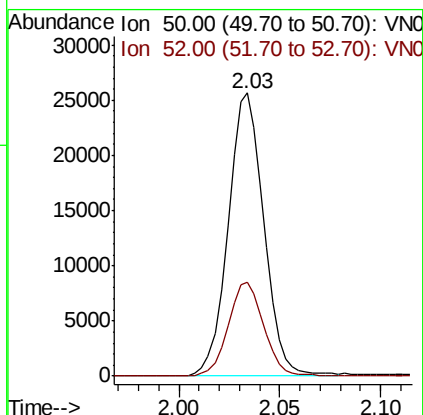
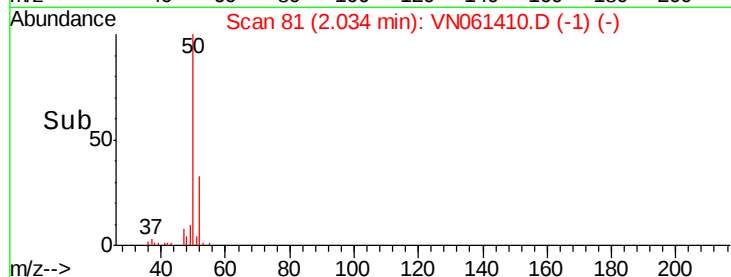
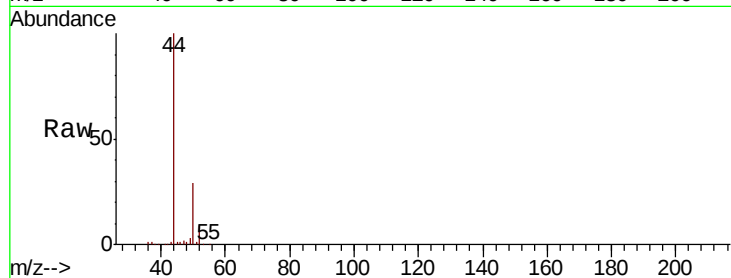
ClientSampleId :

Tot Ion: 50 Resp: 31784

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 21.547 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061410.D

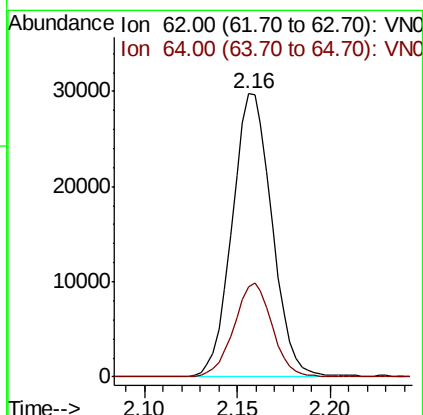
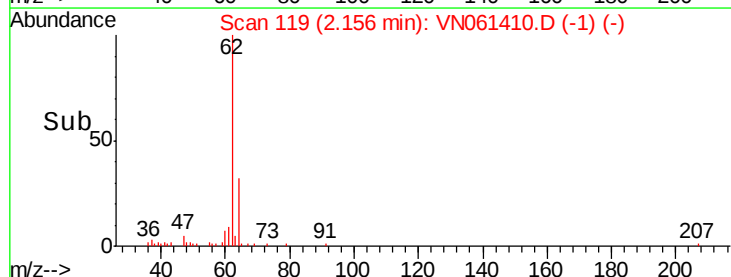
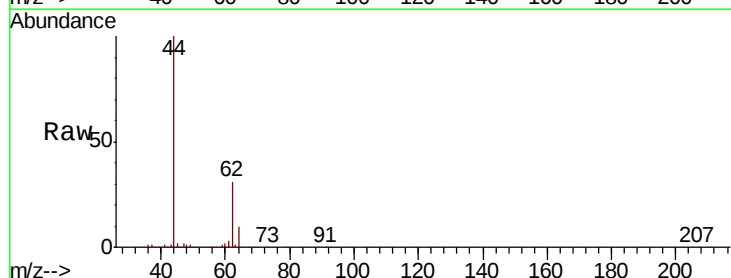
Acq: 15 May 2020 14:31

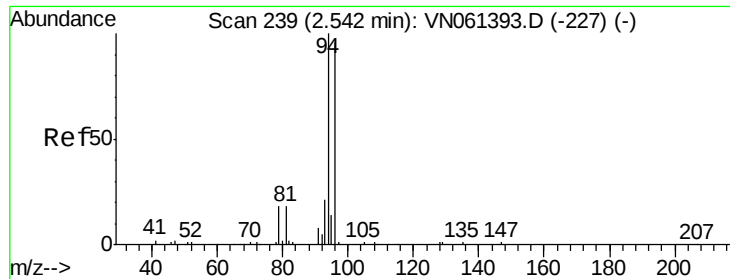
Tgt Ion: 62 Resp: 44466

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1





#5

Bromomethane

Concen: 21.585 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

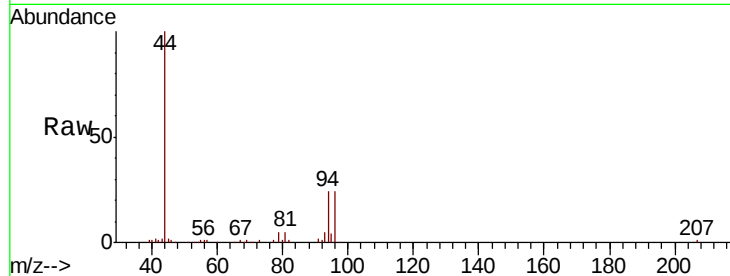
ClientSampleId :

Tot Ion: 94 Resp: 22626

Ion Ratio Lower Upper

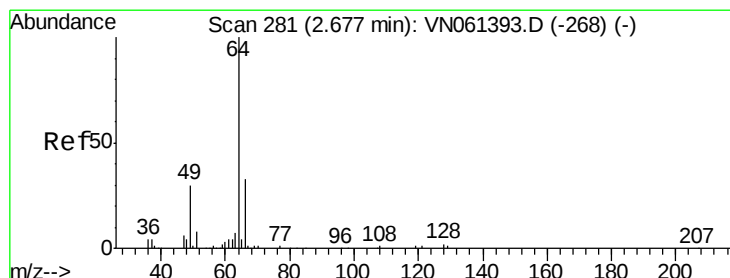
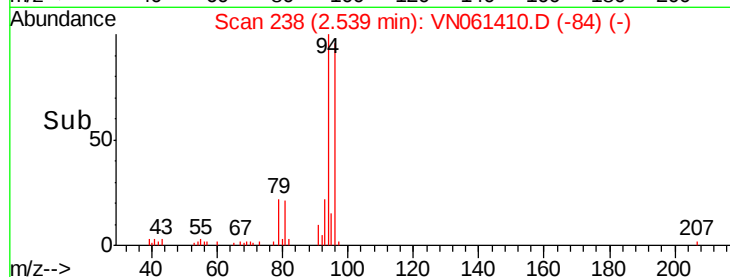
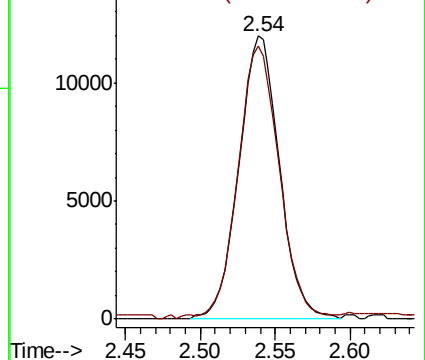
94 100

96 94.8 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.659 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN061410.D

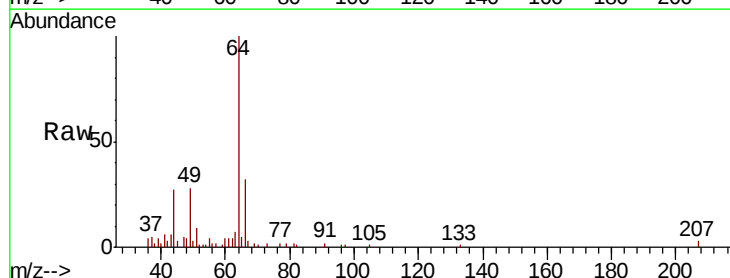
Acq: 15 May 2020 14:31

Tgt Ion: 64 Resp: 30242

Ion Ratio Lower Upper

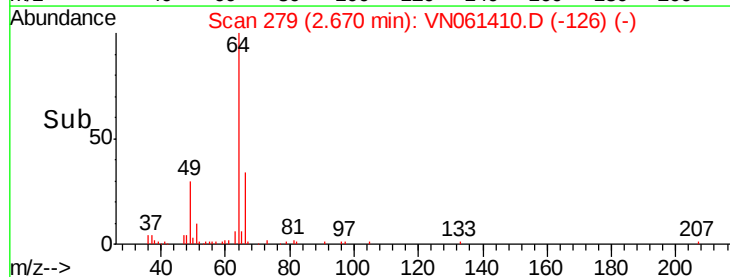
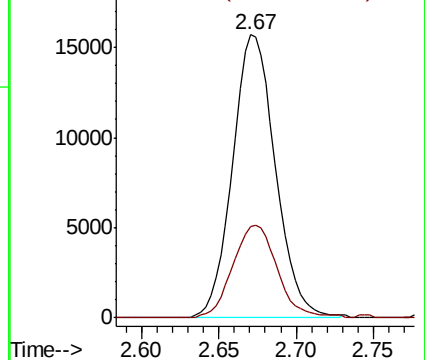
64 100

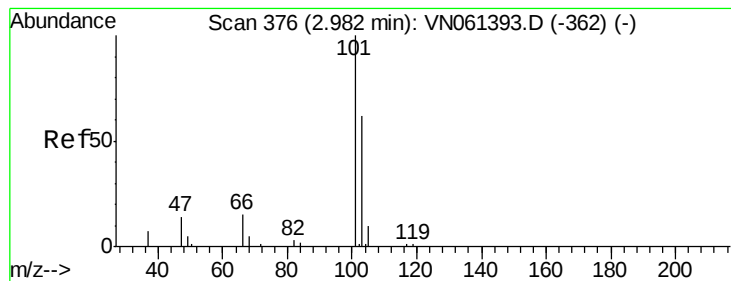
66 32.1 24.6 36.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



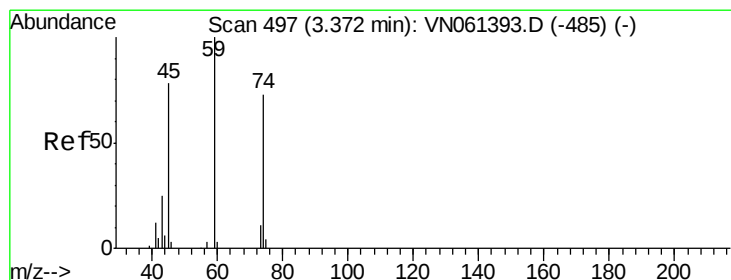
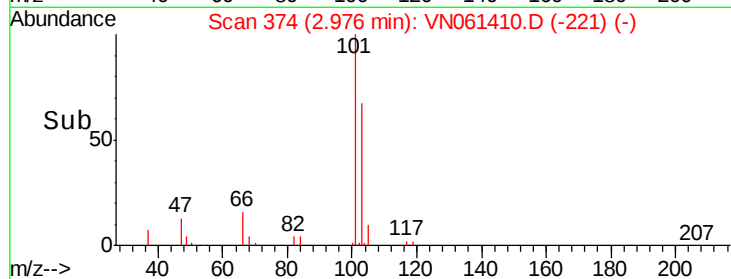
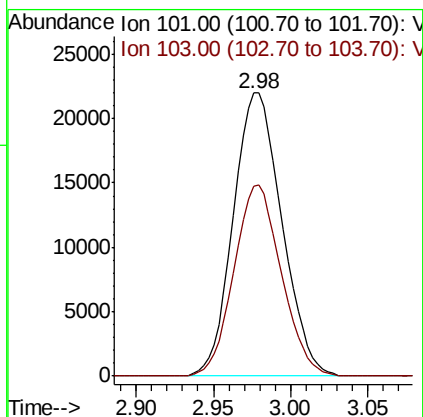
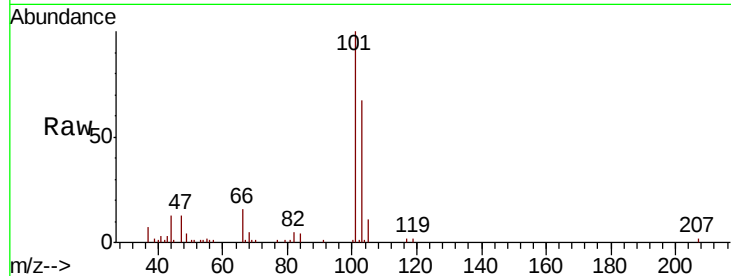


#7

Trichlorofluoromethane  
 Concen: 21.736 ug/l  
 RT: 2.98 min Scan# 374  
 Delta R.T. -0.01 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Instrument :  
 MSVOA\_N  
 ClientSampled :

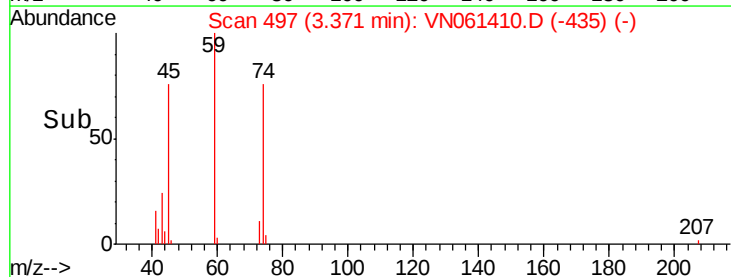
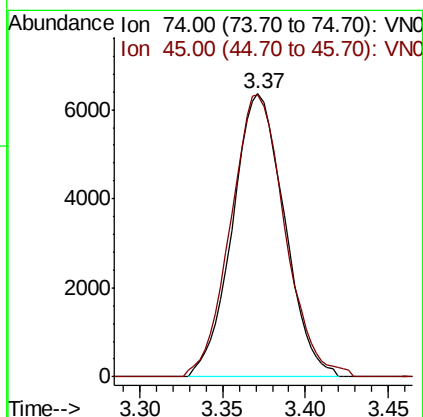
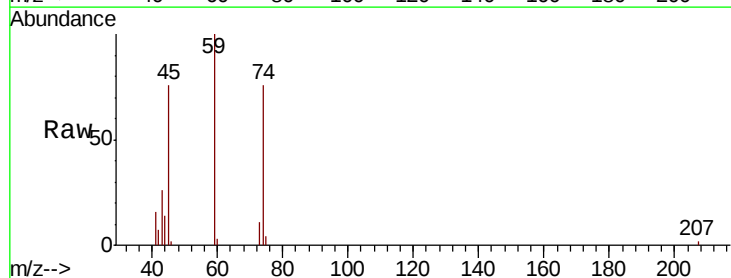
Tot Ion:101 Resp: 48008  
 Ion Ratio Lower Upper  
 101 100  
 103 67.0 51.5 77.3

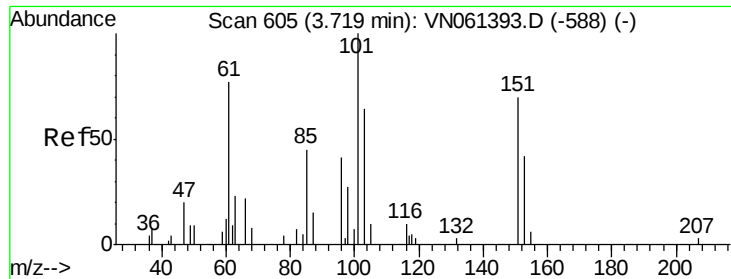


#8

Diethyl Ether  
 Concen: 19.806 ug/l  
 RT: 3.37 min Scan# 497  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion: 74 Resp: 13913  
 Ion Ratio Lower Upper  
 74 100  
 45 103.7 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.148 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampleId :

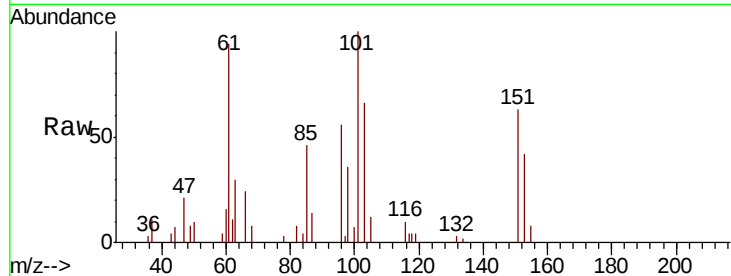
Tot Ion:101 Resp: 19009

Ion Ratio Lower Upper

101 100

85 48.7 0.0 93.8

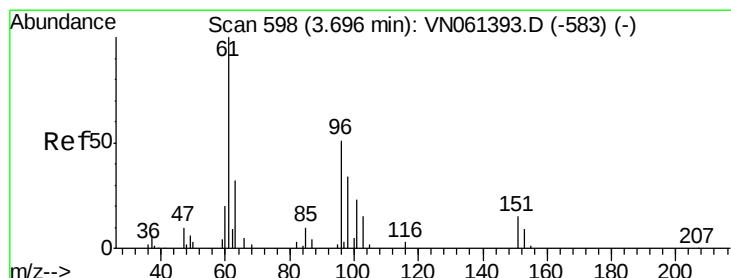
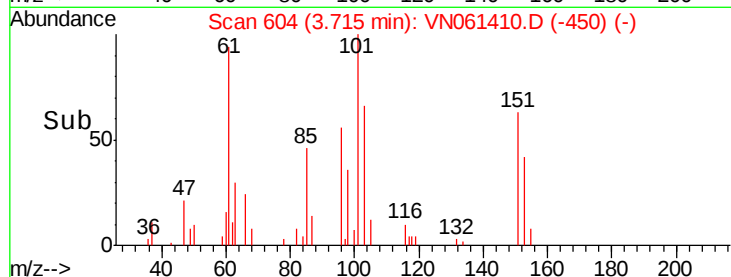
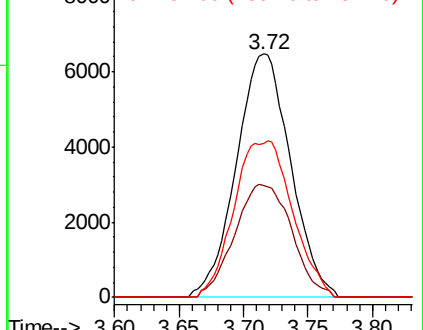
151 32.2 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.616 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

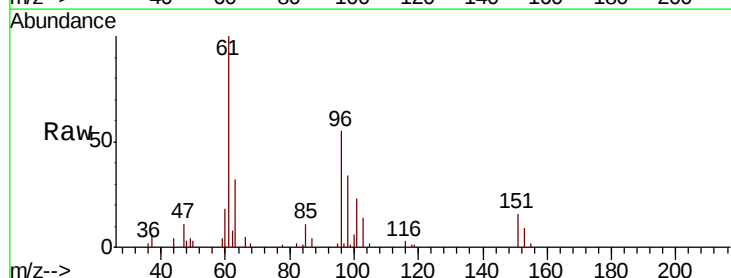
Tgt Ion: 96 Resp: 19485

Ion Ratio Lower Upper

96 100

61 180.9 148.5 222.7

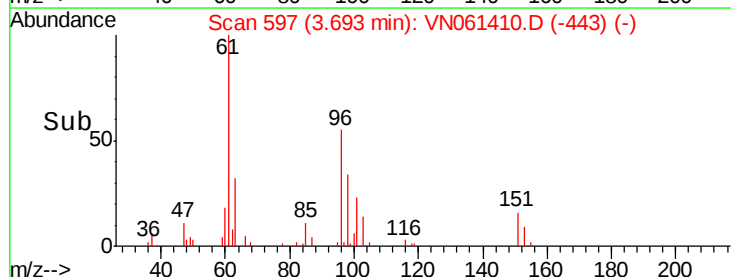
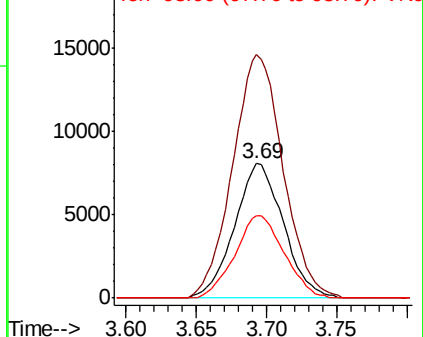
98 61.6 51.0 76.6

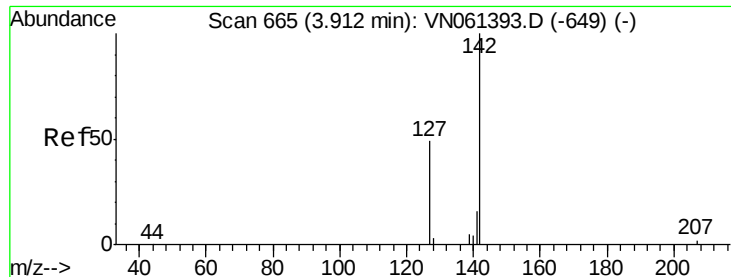


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

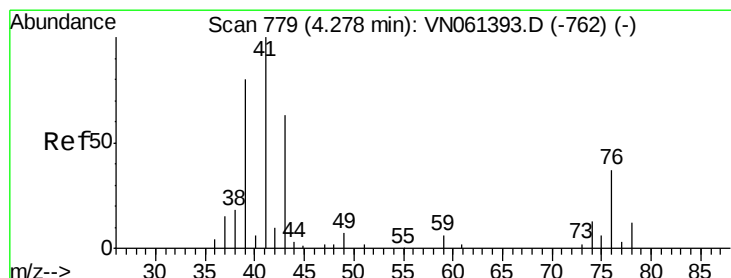
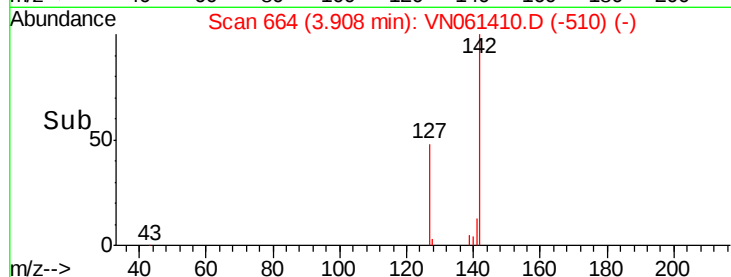
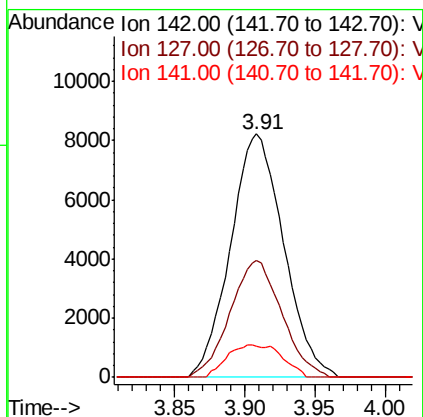
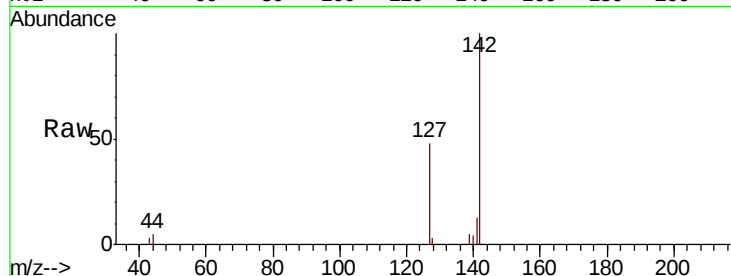




#11  
Methvl Iodide  
Concen: 20.110 ug/l  
RT: 3.91 min Scan# 664  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

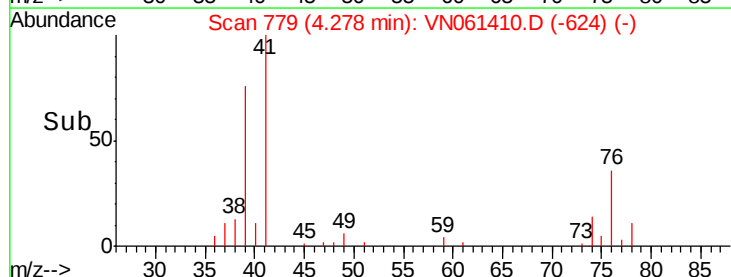
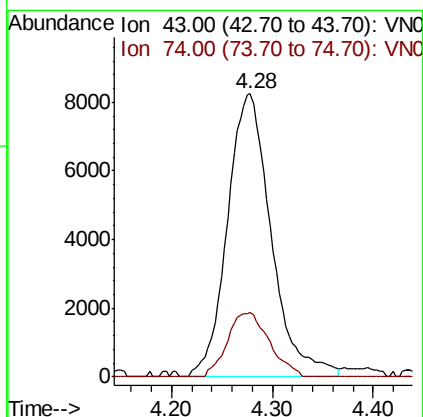
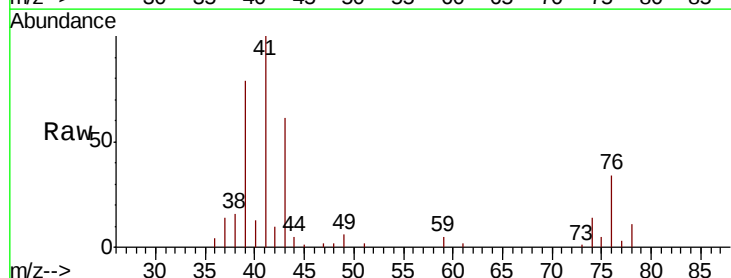
Instrument :  
MSVOA\_N  
ClientSampled :

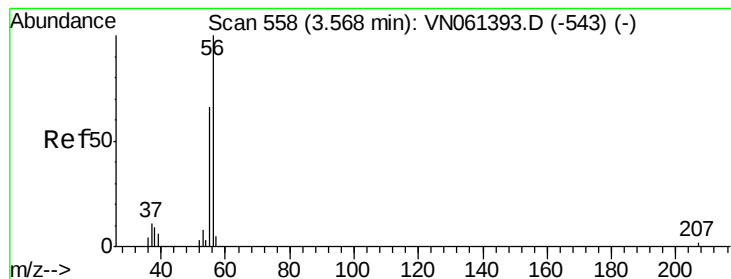
Tot Ion:142 Resp: 21619  
Ion Ratio Lower Upper  
142 100  
127 48.2 23.5 70.6  
141 12.9 7.4 22.2



#12  
Methyl Acetate  
Concen: 20.626 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 43 Resp: 24883  
Ion Ratio Lower Upper  
43 100  
74 22.9 18.1 27.1





#13

Acrolein

Concen: 90.900 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

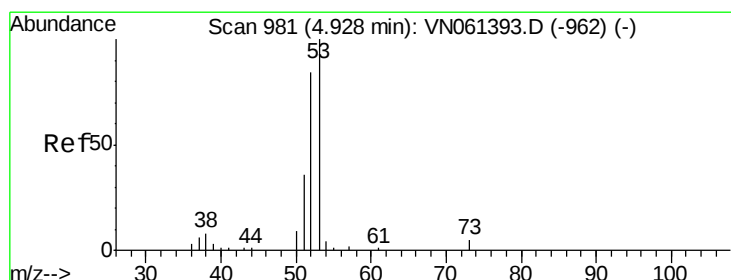
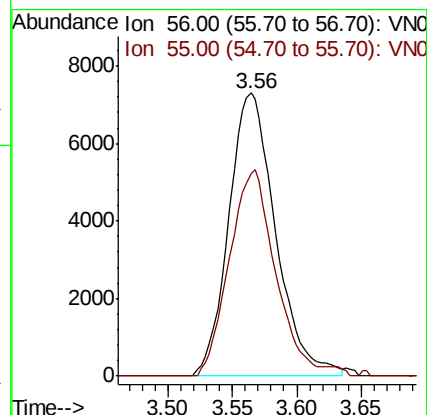
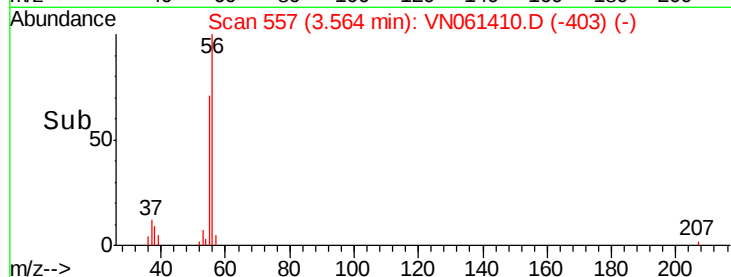
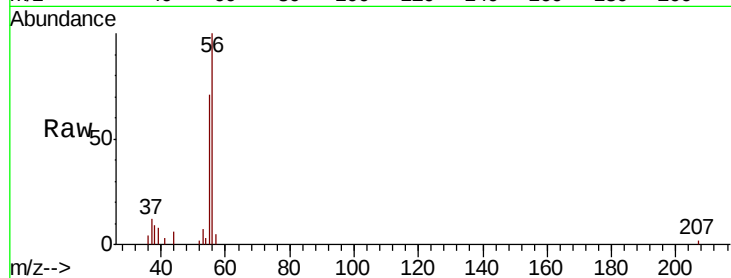
ClientSampleId :

Tot Ion: 56 Resp: 18464

Ion Ratio Lower Upper

56 100

55 71.0 55.9 83.9



#14

Acrylonitrile

Concen: 99.705 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

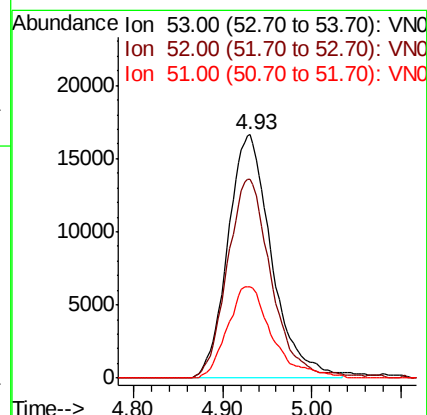
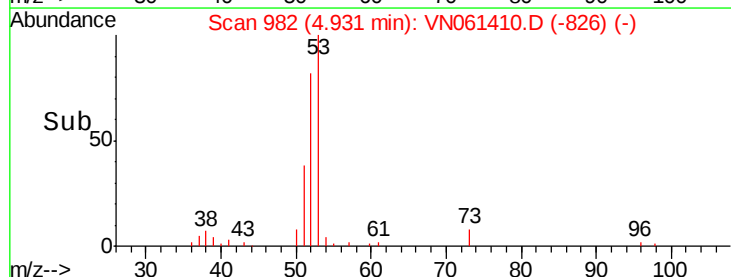
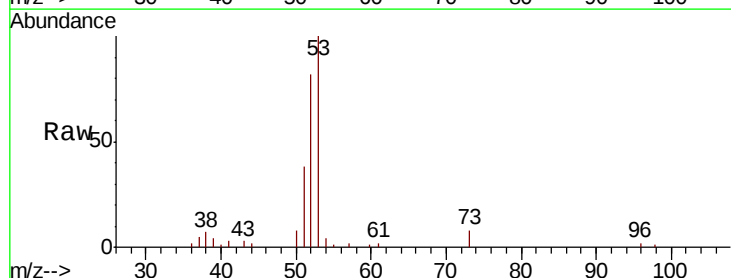
Tgt Ion: 53 Resp: 56460

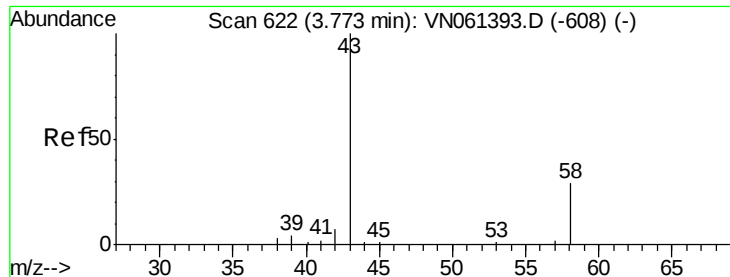
Ion Ratio Lower Upper

53 100

52 81.0 42.2 126.6

51 38.5 18.8 56.4





#15

Acetone

Concen: 104.616 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

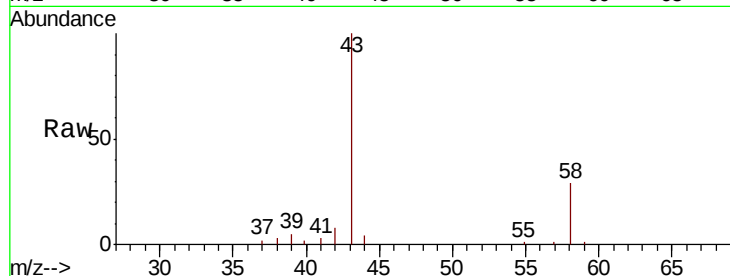
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 58 Resp: 14226

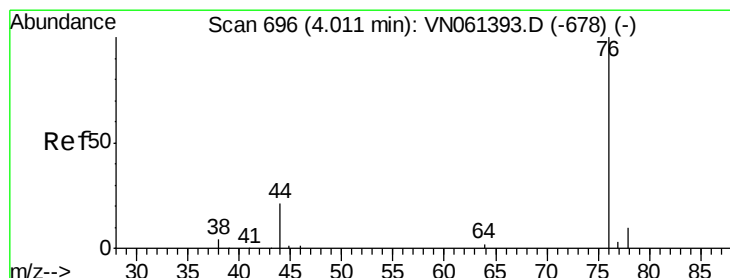
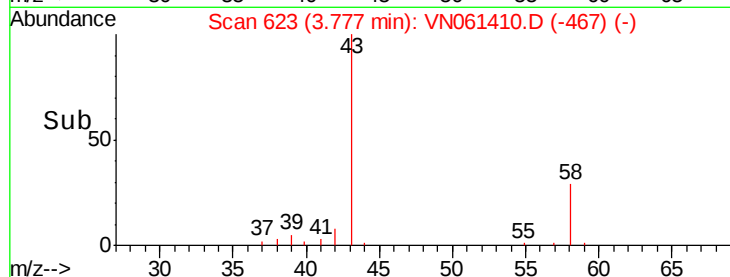
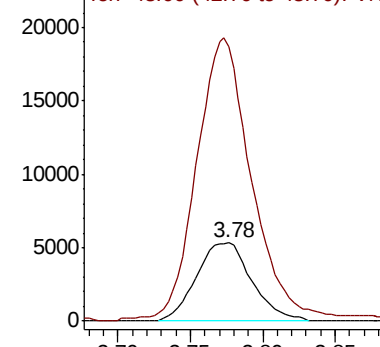
Ion Ratio Lower Upper

58 100

43 340.9 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN061410.D (-467) (-)  
Ion 43.00 (42.70 to 43.70): VN061410.D (-467) (-)



#16

Carbon Disulfide

Concen: 18.790 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061410.D

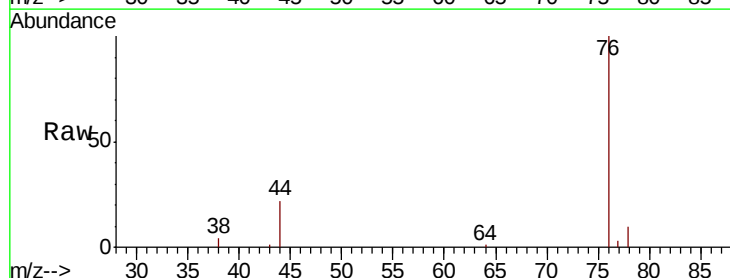
Acq: 15 May 2020 14:31

Tgt Ion: 76 Resp: 52469

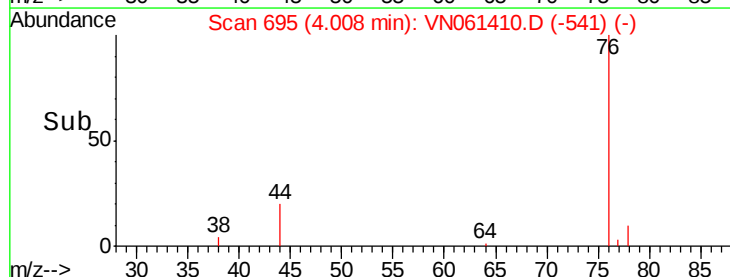
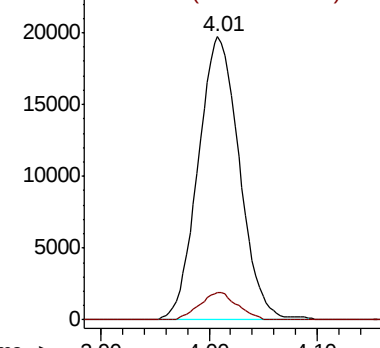
Ion Ratio Lower Upper

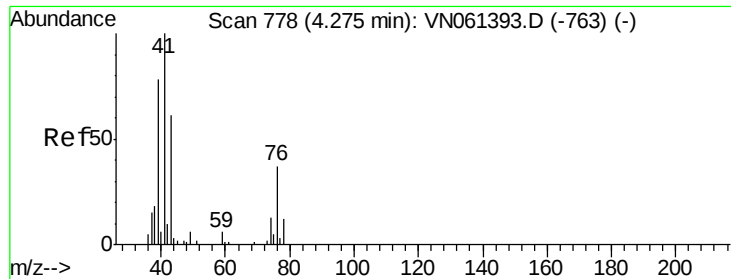
76 100

78 9.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN061410.D (-541) (-)  
Ion 78.00 (77.70 to 78.70): VN061410.D (-541) (-)

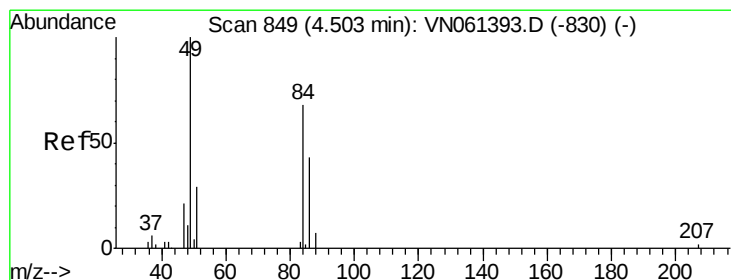
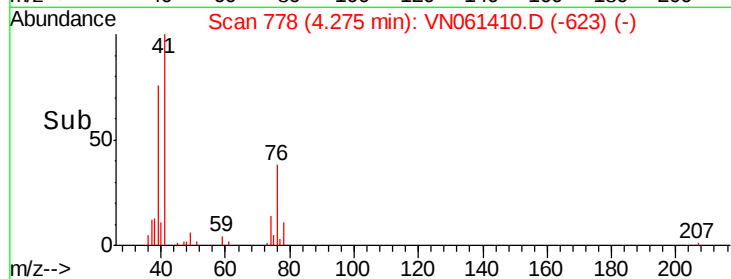
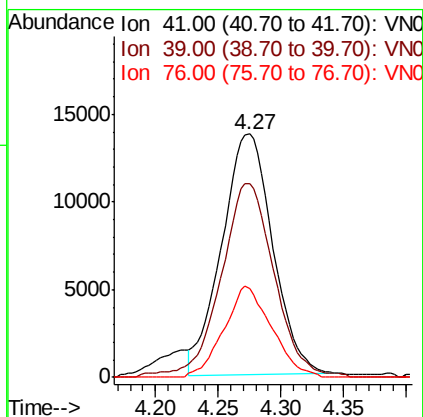
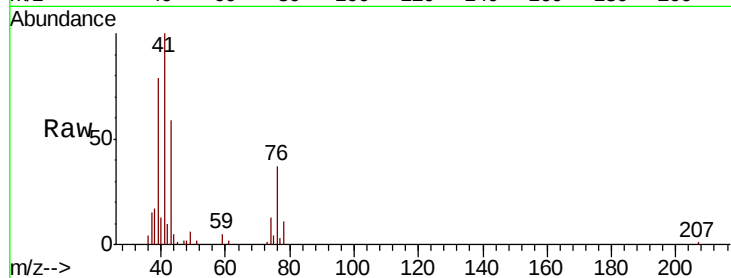




#17  
Allvl chloride  
Concen: 19.426 ug/l  
RT: 4.27 min Scan# 778  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

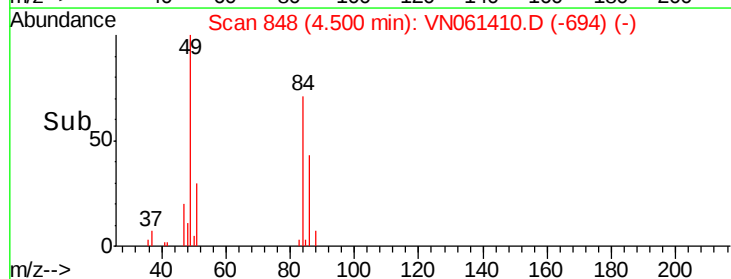
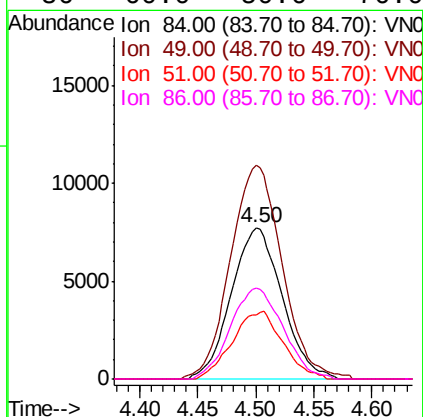
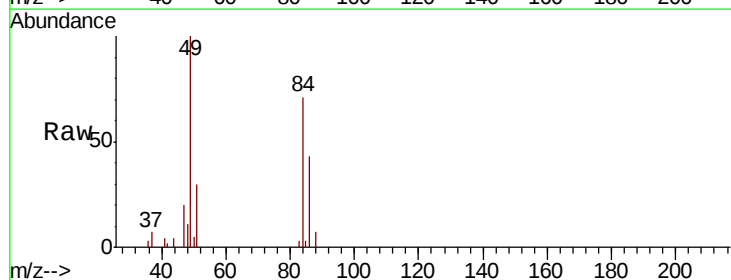
Instrument :  
MSVOA\_N  
ClientSampleId :

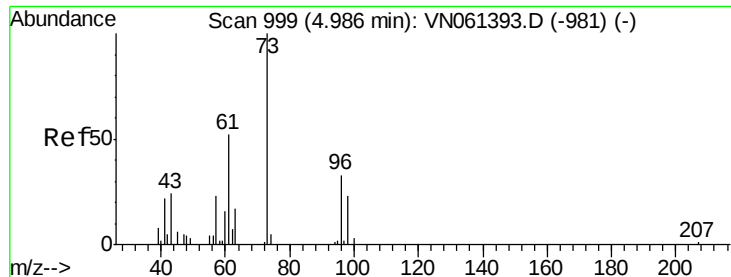
Tot Ion: 41 Resp: 38841  
Ion Ratio Lower Upper  
41 100  
39 79.1 39.6 118.8  
76 37.3 17.6 52.9



#18  
Methylene Chloride  
Concen: 19.643 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 84 Resp: 23547  
Ion Ratio Lower Upper  
84 100  
49 138.5 106.6 160.0  
51 42.5 32.4 48.6  
86 60.0 50.6 76.0

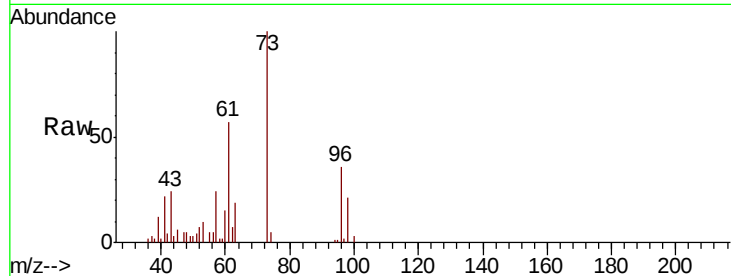




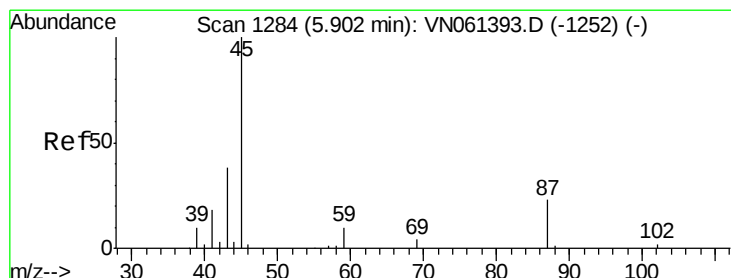
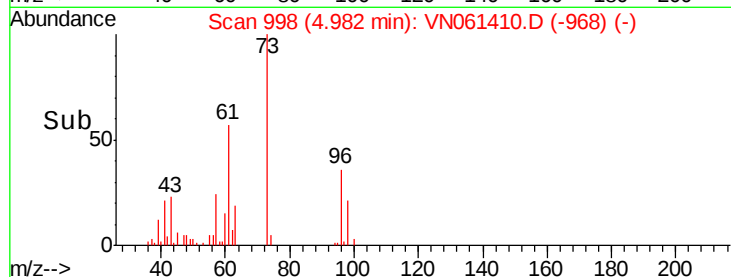
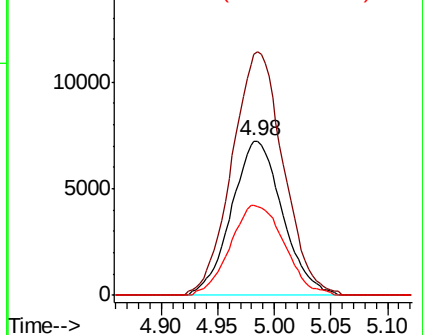
#19  
trans-1,2-Dichloroethene  
Concen: 19.213 ug/l  
RT: 4.98 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 22714  
Ion Ratio Lower Upper  
96 100  
61 153.6 131.8 197.6  
98 58.8 52.6 79.0

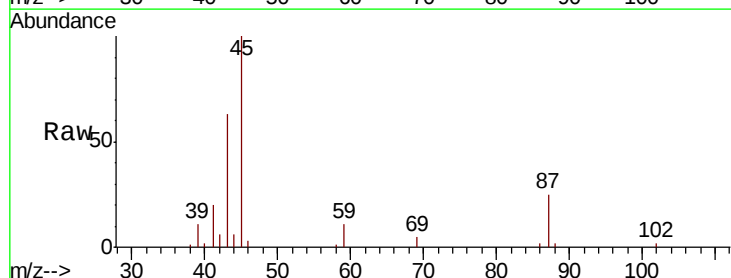


Abundance Ion 96.00 (95.70 to 96.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

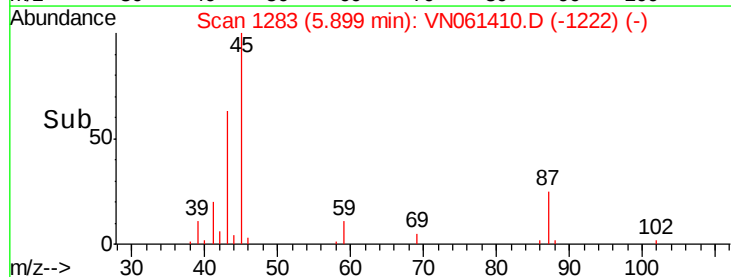
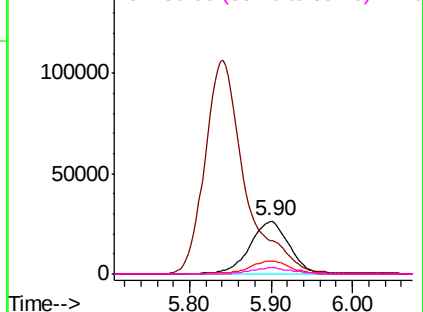


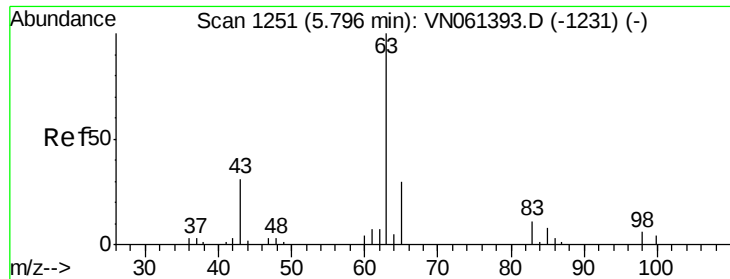
#20  
Diisopropyl ether  
Concen: 18.891 ug/l  
RT: 5.90 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 45 Resp: 87928  
Ion Ratio Lower Upper  
45 100  
43 61.1 54.7 82.1  
87 24.8 21.5 32.3  
59 11.1 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0

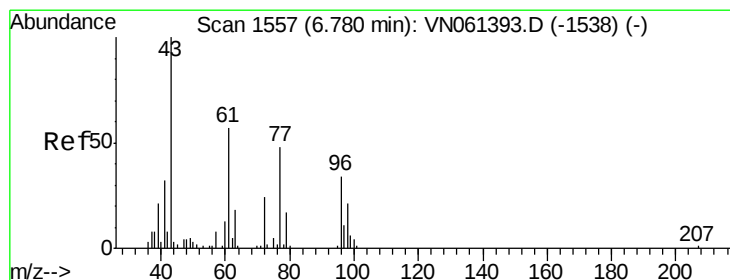
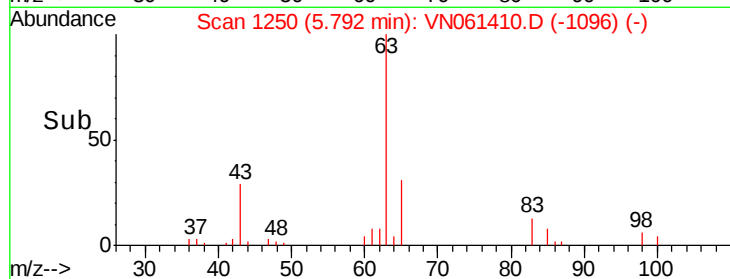
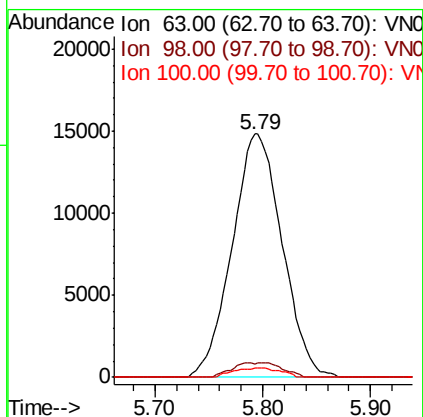
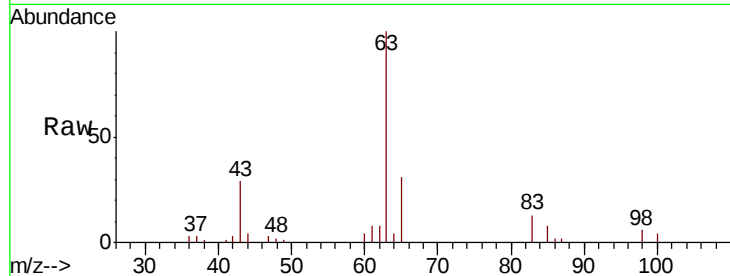




#21  
 1,1-Dichloroethane  
 Concen: 19.657 ug/l  
 RT: 5.79 min Scan# 1250  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

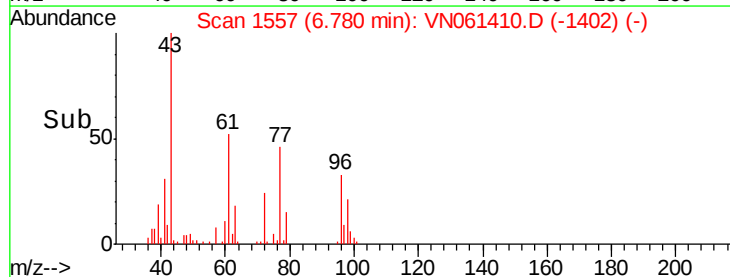
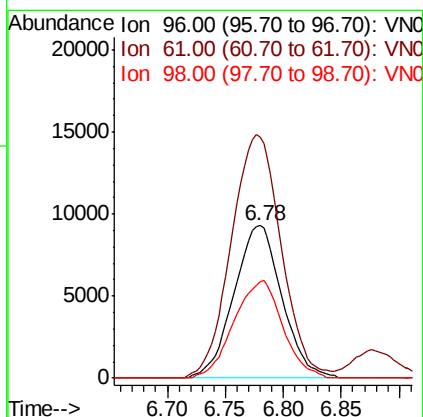
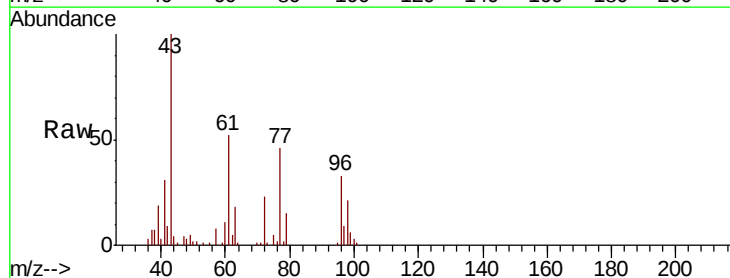
Instrument :  
 MSVOA\_N  
 ClientSampleId :

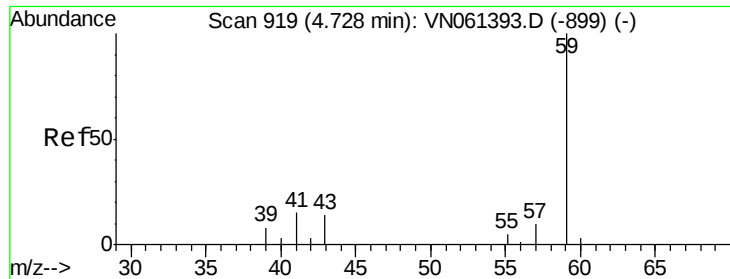
| Tot Ion | 63    | Resp  | 47775 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 63      | 100   |       |       |
| 98      | 5.6   | 2.9   | 8.6   |
| 100     | 3.8   | 1.8   | 5.5   |



#22  
 cis-1,2-Dichloroethene  
 Concen: 19.328 ug/l  
 RT: 6.78 min Scan# 1557  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

| Tgt Ion | 96    | Resp  | 26792 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 165.7 | 127.2 | 190.8 |
| 98      | 64.9  | 50.5  | 75.7  |

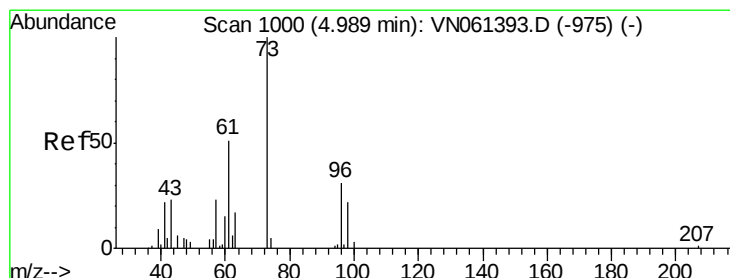
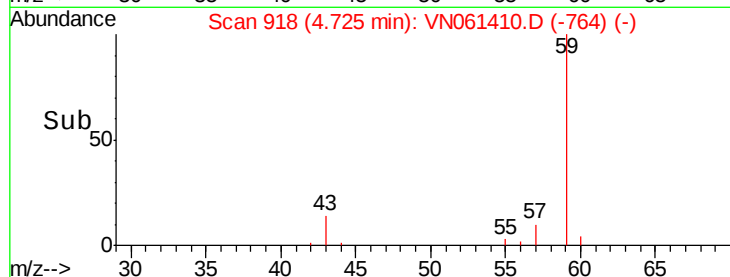
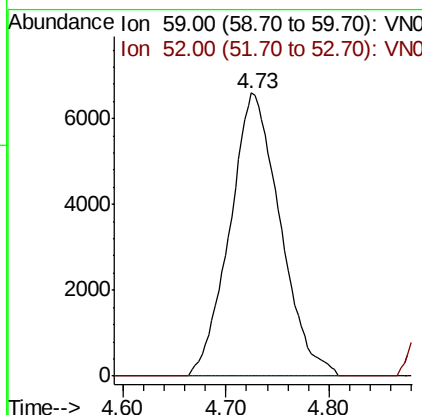
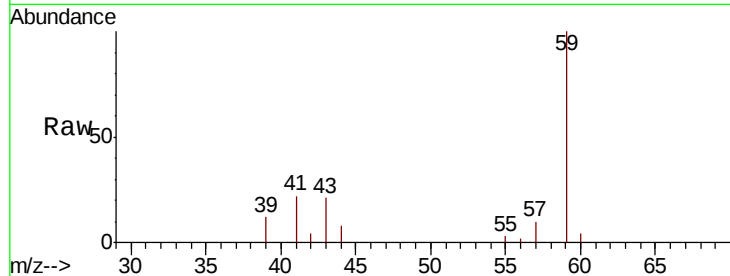




#23  
 tert-Butyl Alcohol  
 Concen: 123.272 ug/l  
 RT: 4.73 min Scan# 918  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

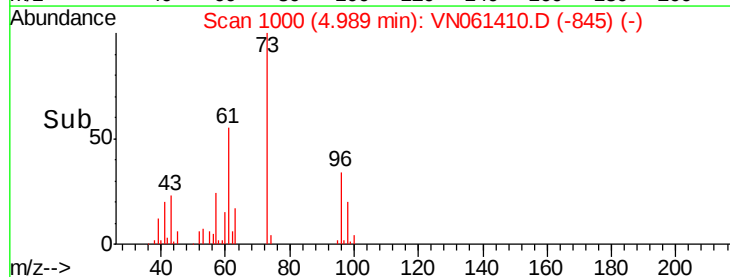
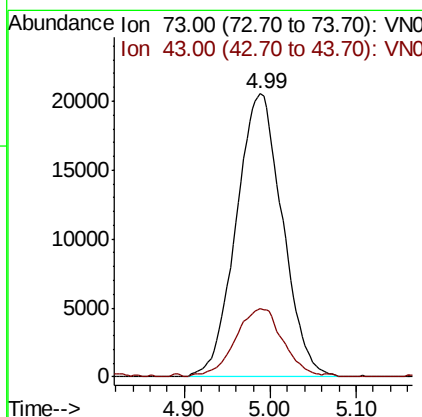
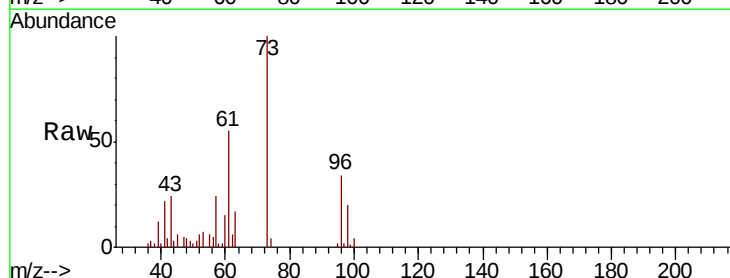
Instrument :  
 MSVOA\_N  
 ClientSampleId :

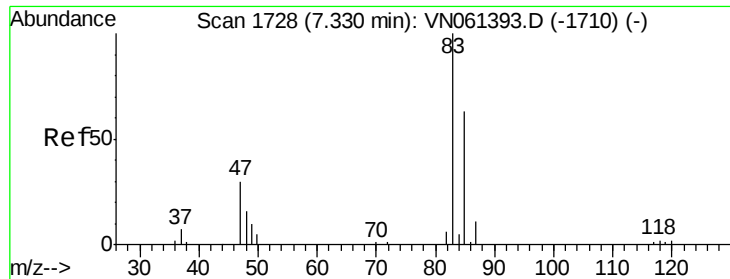
Tot Ion: 59 Resp: 22376  
 Ion Ratio Lower Upper  
 59 100  
 52 0.0 0.0 0.0



#24  
 Methyl tert-Butyl Ether  
 Concen: 19.040 ug/l  
 RT: 4.99 min Scan# 1000  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion: 73 Resp: 76755  
 Ion Ratio Lower Upper  
 73 100  
 43 24.9 17.9 26.9

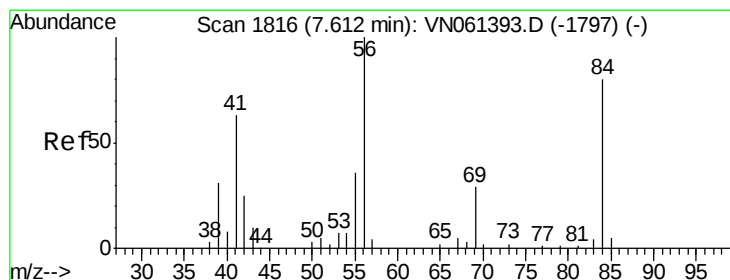
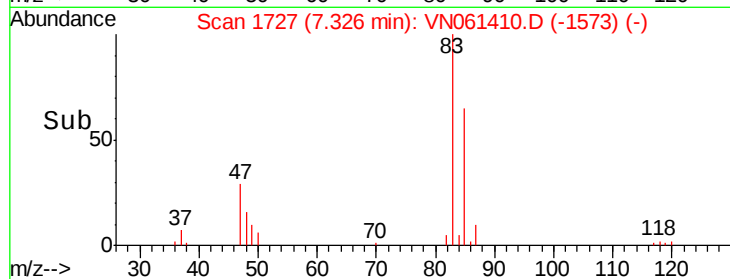
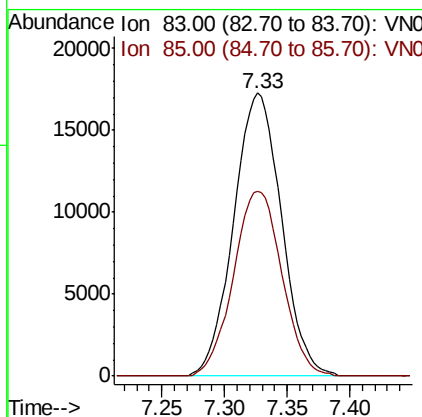
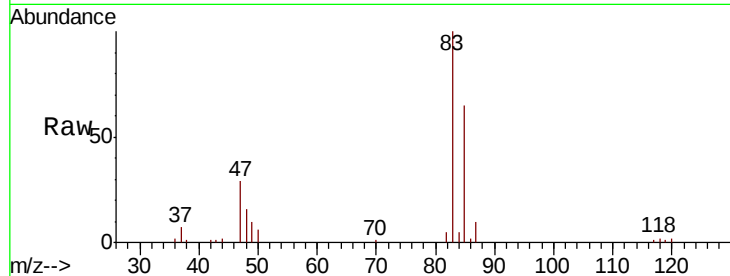




#25  
Chloroform  
Concen: 19.439 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

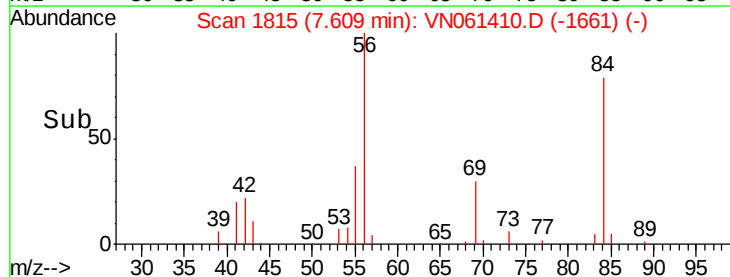
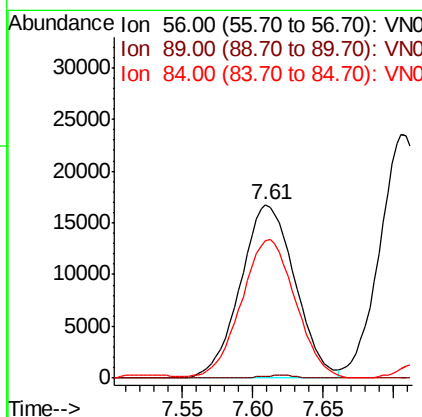
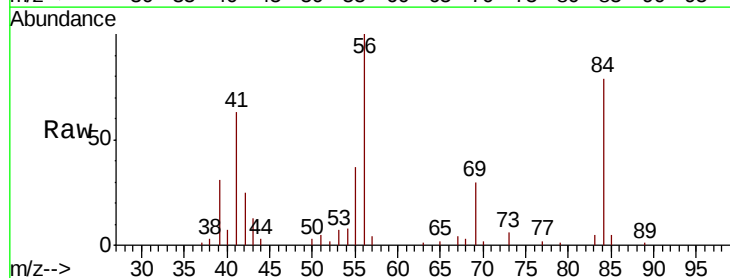
Instrument :  
MSVOA\_N  
ClientSampleId :

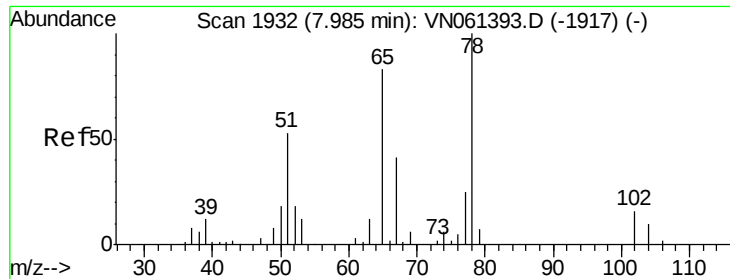
Tot Ion: 83 Resp: 45797  
Ion Ratio Lower Upper  
83 100  
85 65.4 53.8 80.8



#26  
Cyclohexane  
Concen: 19.515 ug/l  
RT: 7.61 min Scan# 1815  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 56 Resp: 45289  
Ion Ratio Lower Upper  
56 100  
89 0.7 6.2 9.2#  
84 79.4 65.6 98.4

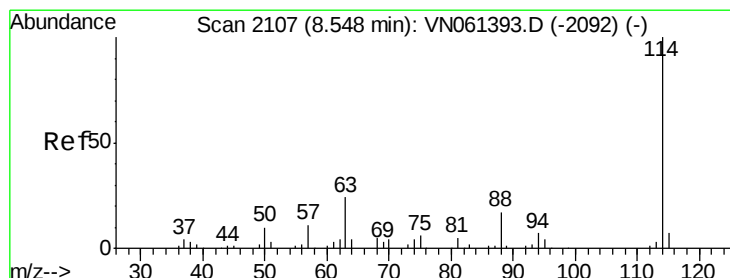
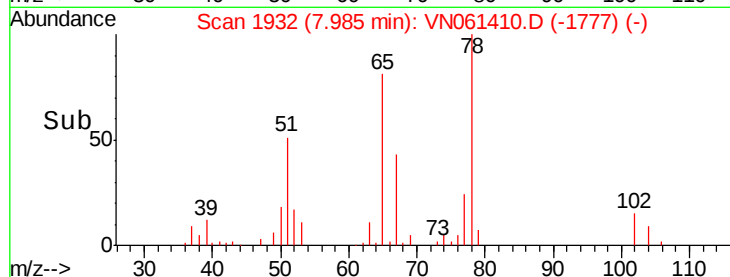
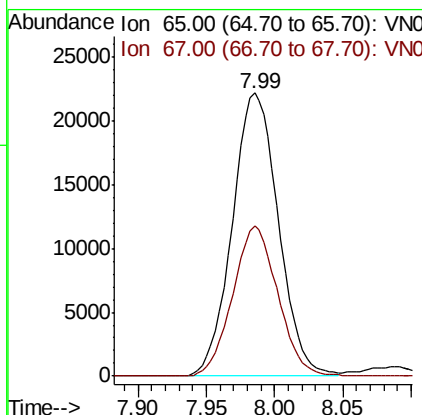
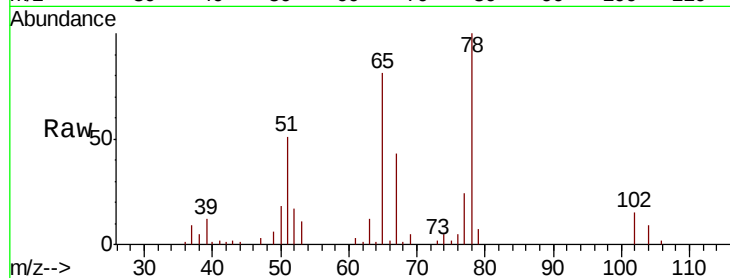




#27  
 1,2-Dichloroethane-d4  
 Concen: 31.489 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

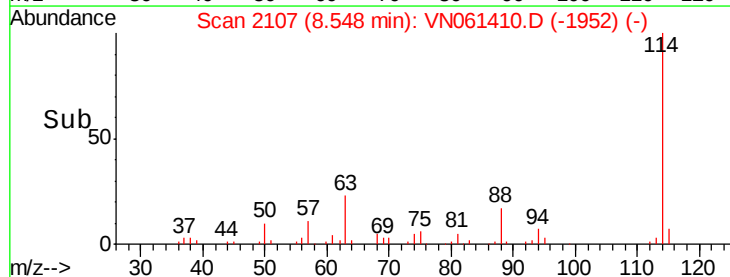
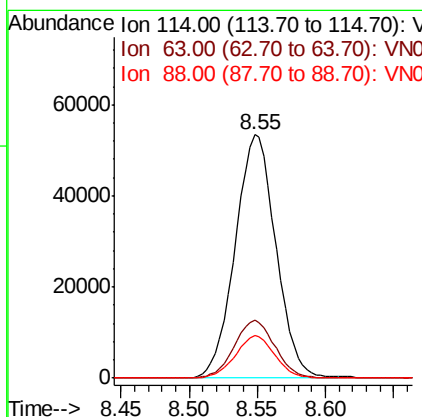
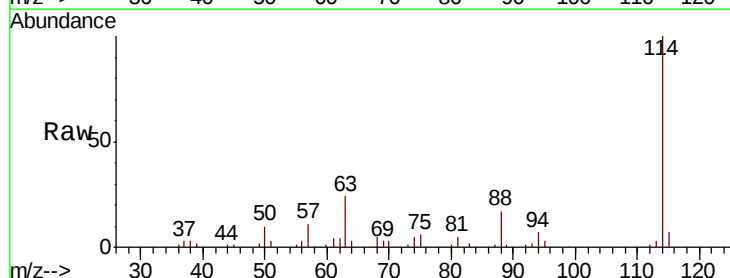
Instrument :  
 MSVOA\_N  
 ClientSampleId :

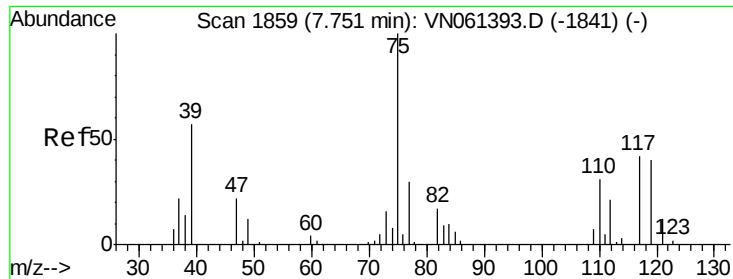
Tot Ion: 65 Resp: 52149  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 41.5 62.3



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion: 114 Resp: 110661  
 Ion Ratio Lower Upper  
 114 100  
 63 23.7 18.1 27.1  
 88 16.9 13.0 19.4

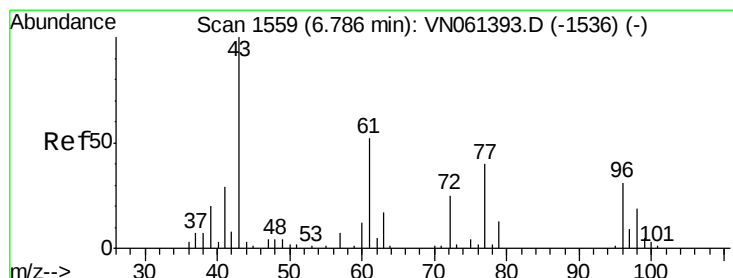
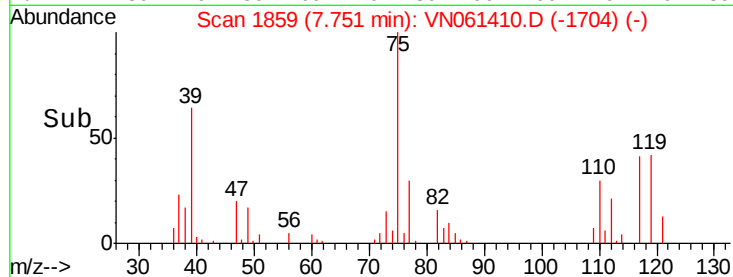
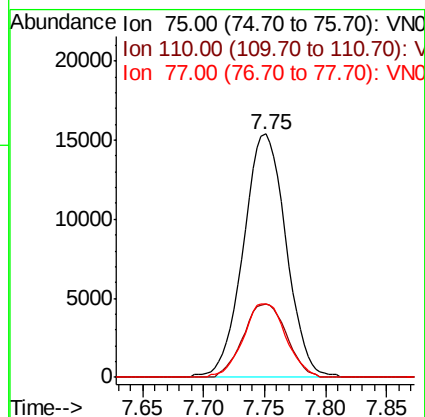
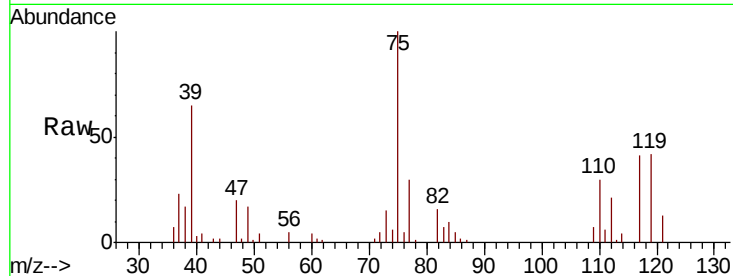




#29  
 1,1-Dichloropropene  
 Concen: 19.242 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

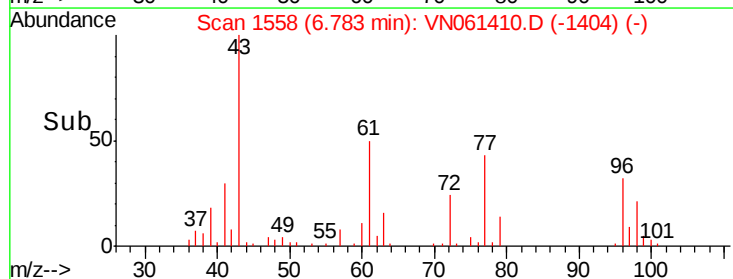
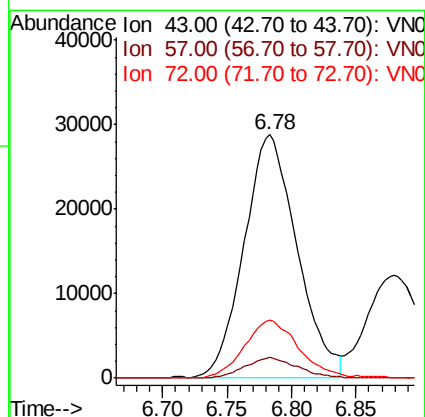
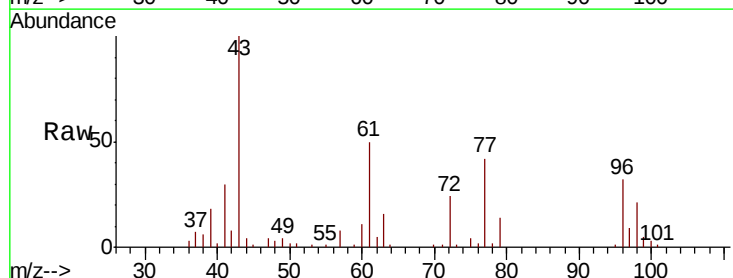
Instrument :  
 MSVOA\_N  
 ClientSampleId :

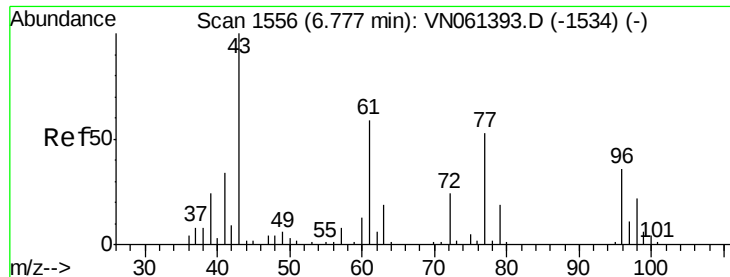
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 30.5  | 0.0   | 64.6  |
| 77      | 30.1  | 0.0   | 60.8  |



#30  
 2-Butanone  
 Concen: 100.717 ug/l  
 RT: 6.78 min Scan# 1558  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 8.3   | 6.5   | 9.7   |
| 72      | 24.1  | 20.1  | 30.1  |





#31

2,2-Dichloropropane

Concen: 19.439 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

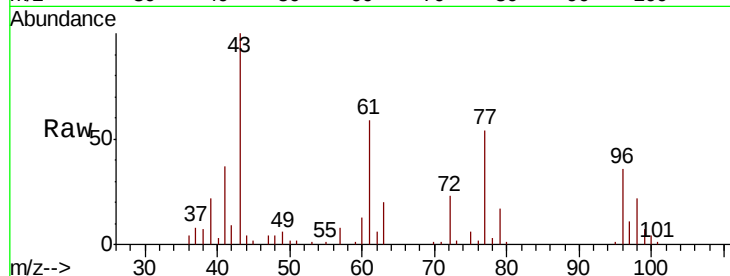
ClientSampleId :

Tot Ion: 77 Resp: 44102

Ion Ratio Lower Upper

77 100

97 20.0 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0

6.77

15000

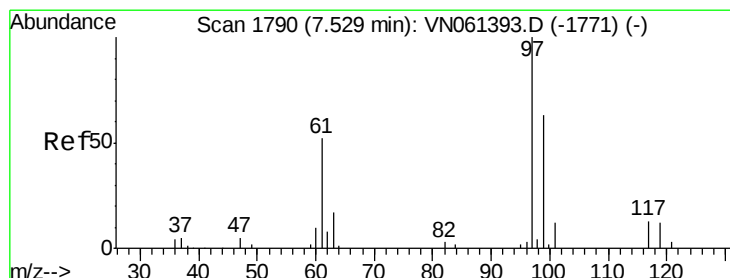
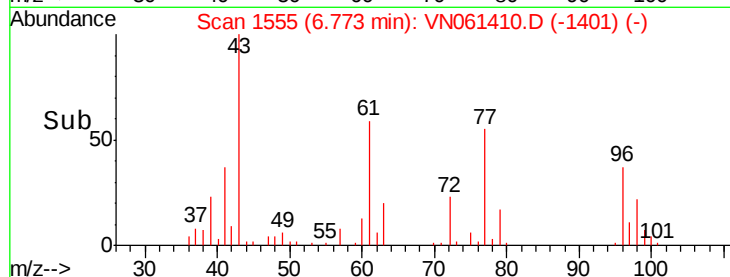
10000

5000

0

Time-->

6.70 6.80



#32

1,1,1-Trichloroethane

Concen: 18.919 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

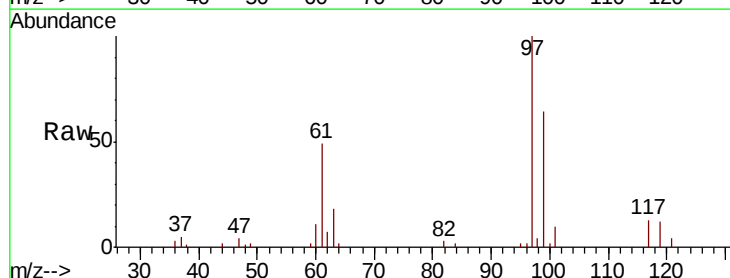
Tgt Ion: 97 Resp: 41106

Ion Ratio Lower Upper

97 100

99 63.5 51.3 76.9

61 49.4 38.4 57.6



Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

7.53

20000

15000

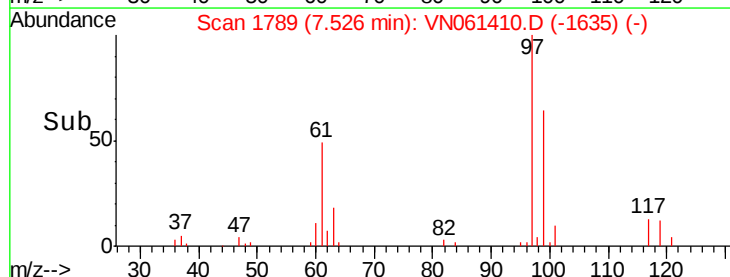
10000

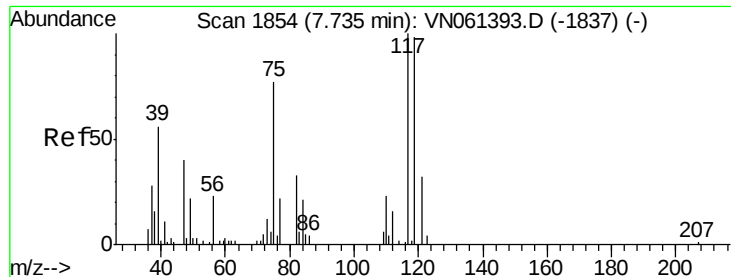
5000

0

Time-->

7.45 7.50 7.55 7.60

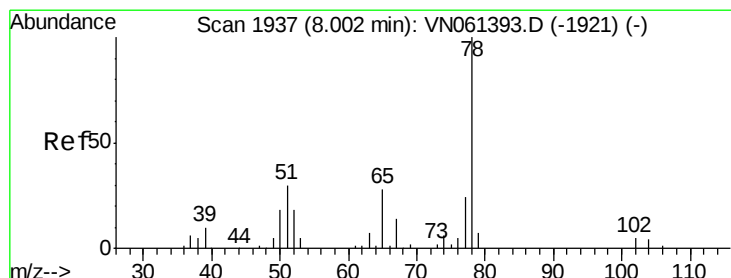
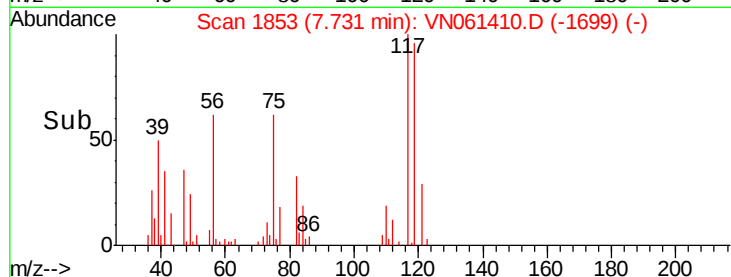
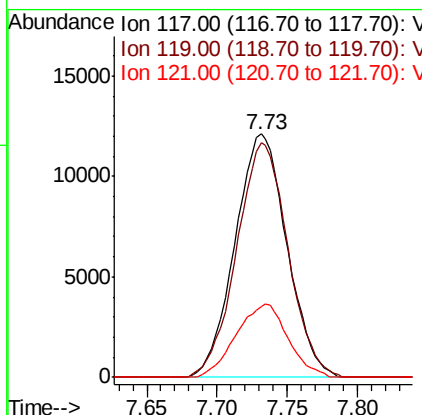
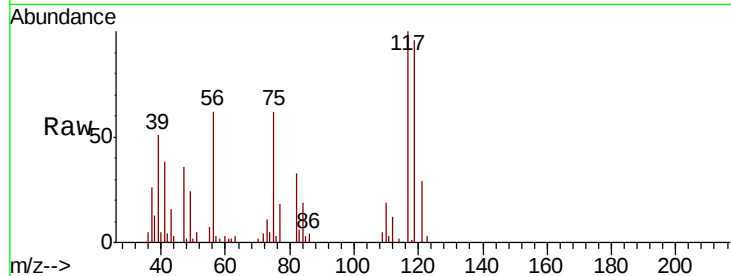




#33  
Carbon Tetrachloride  
Concen: 18.674 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

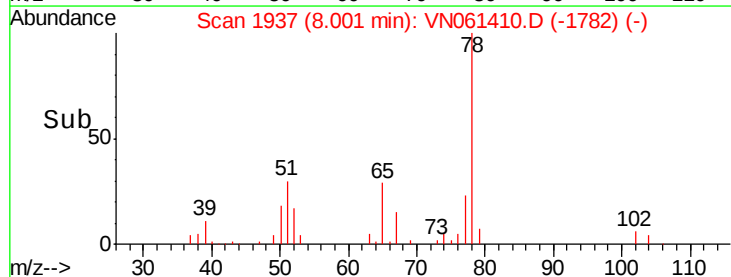
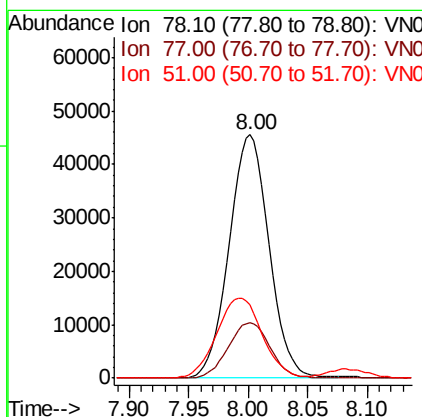
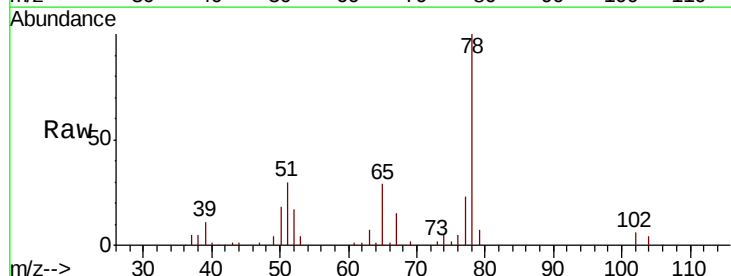
Instrument :  
MSVOA\_N  
ClientSampleId :

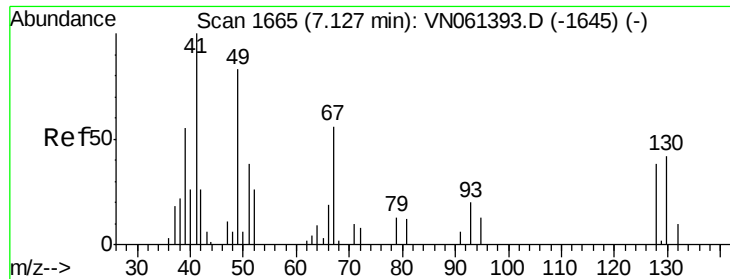
Tot Ion:117 Resp: 31144  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.9 115.3  
121 29.2 23.8 35.8



#34  
Benzene  
Concen: 19.280 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 78 Resp: 105919  
Ion Ratio Lower Upper  
78 100  
77 22.7 19.2 28.8  
51 28.5 22.1 33.1

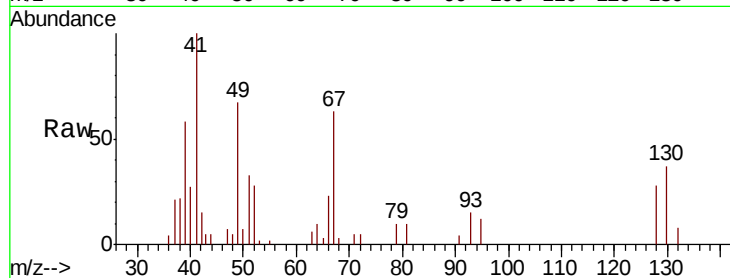




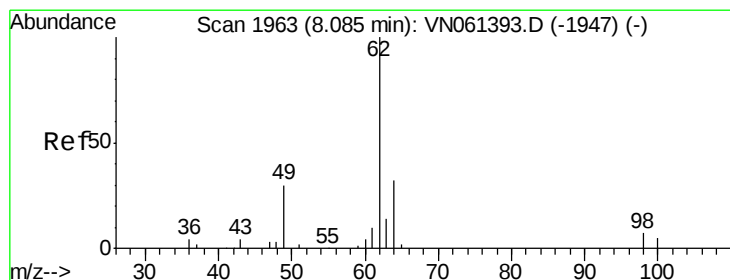
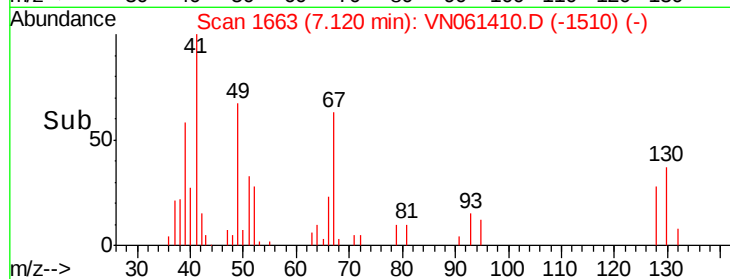
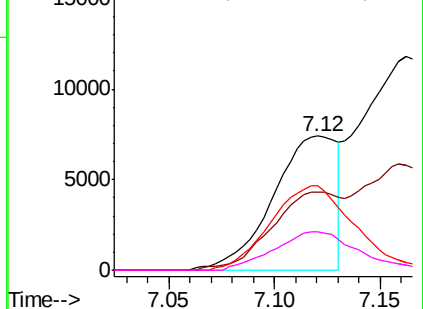
#35  
Methacrylonitrile  
Concen: 19.018 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. -0.01 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 15669 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.4  | 25.8  | 77.4  |
| 67       | 63.4  | 23.0  | 69.0  |
| 52       | 28.3  | 10.1  | 30.1  |

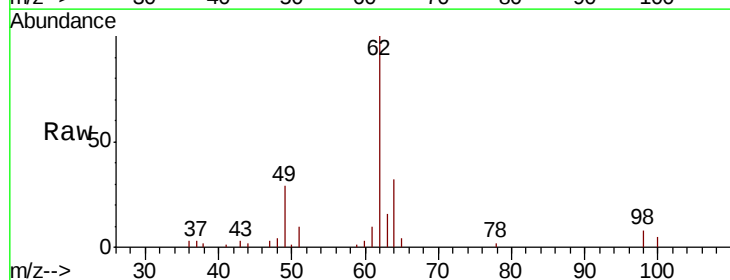


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

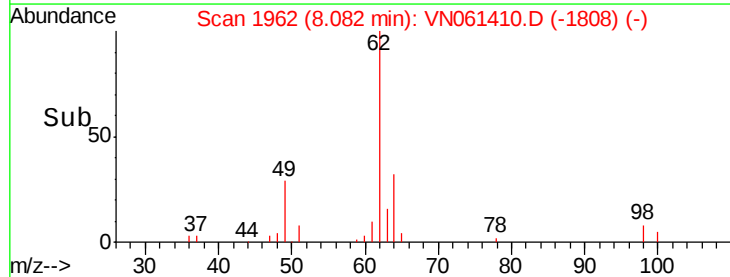
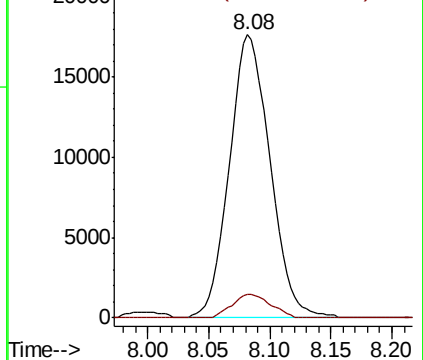


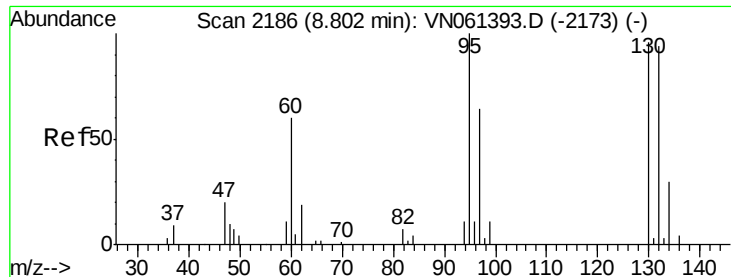
#36  
1,2-Dichloroethane  
Concen: 19.357 ug/l  
RT: 8.08 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 40822 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.8   | 6.4   | 9.6   |



Abundance Ion 62.00 (61.70 to 62.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

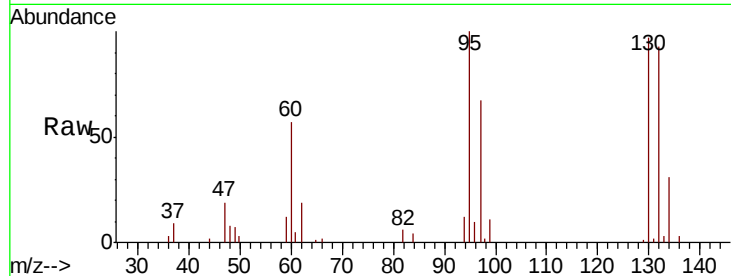




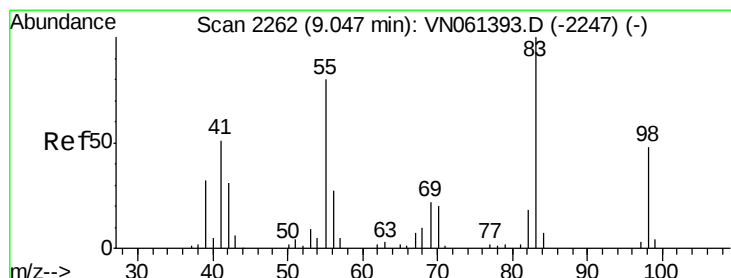
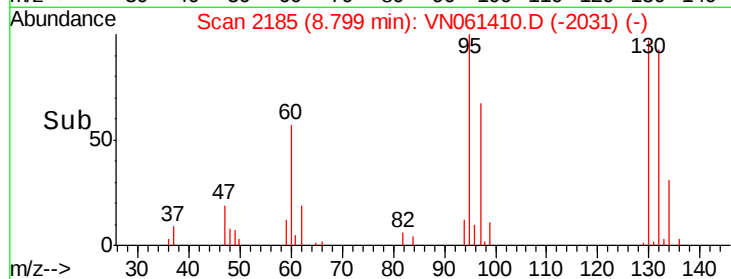
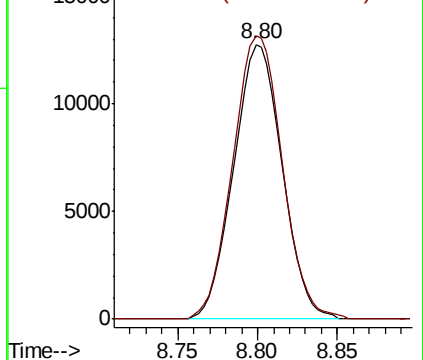
#37  
 Trichloroethene  
 Concen: 19.541 ug/l  
 RT: 8.80 min Scan# 2185  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:130 Resp: 26433  
 Ion Ratio Lower Upper  
 130 100  
 95 103.1 83.2 124.8

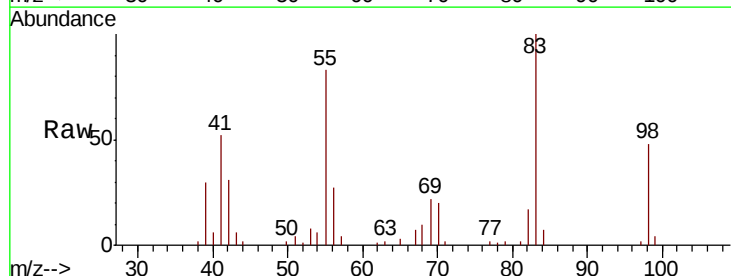


Abundance Ion 129.90 (129.60 to 130.60): VN061410.D (-2173) (-)  
 Ion 94.90 (94.60 to 95.60): VN061410.D (-2173) (-)

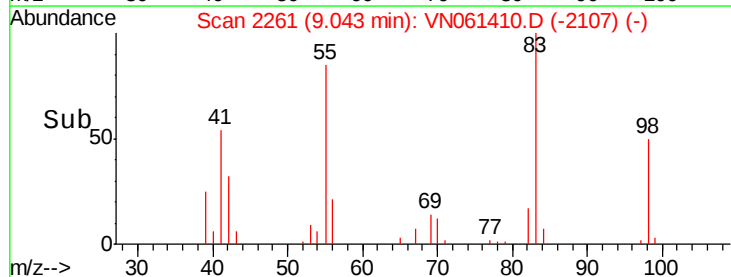
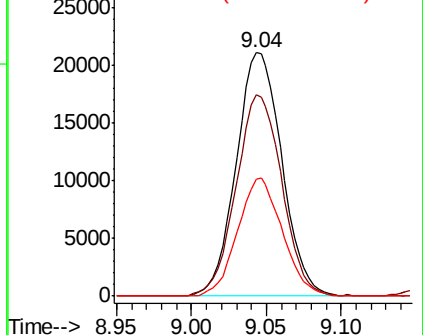


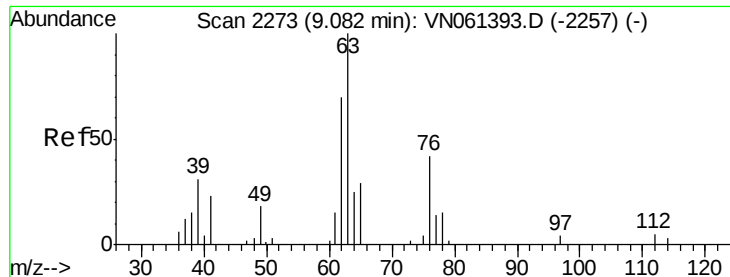
#38  
 Methylcyclohexane  
 Concen: 19.216 ug/l  
 RT: 9.04 min Scan# 2261  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion: 83 Resp: 44795  
 Ion Ratio Lower Upper  
 83 100  
 55 82.9 40.4 121.1  
 98 47.4 21.6 65.0



Abundance Ion 83.00 (82.70 to 83.70): VN061410.D (-2247) (-)  
 Ion 55.00 (54.70 to 55.70): VN061410.D (-2247) (-)  
 Ion 98.00 (97.70 to 98.70): VN061410.D (-2247) (-)





#39

1,2-Dichloropropane

Concen: 19.882 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

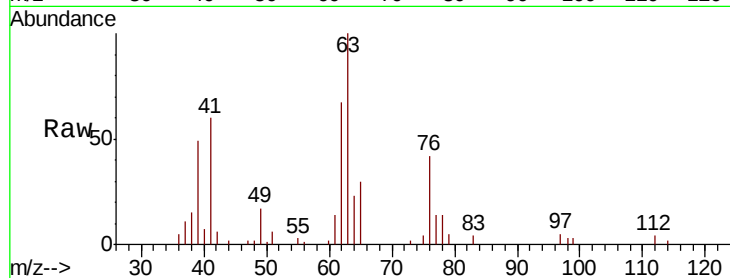
ClientSampleId :

Tot Ion: 63 Resp: 30028

Ion Ratio Lower Upper

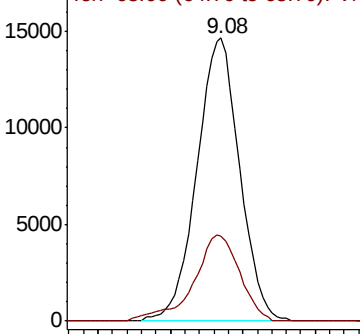
63 100

65 30.0 23.8 35.6

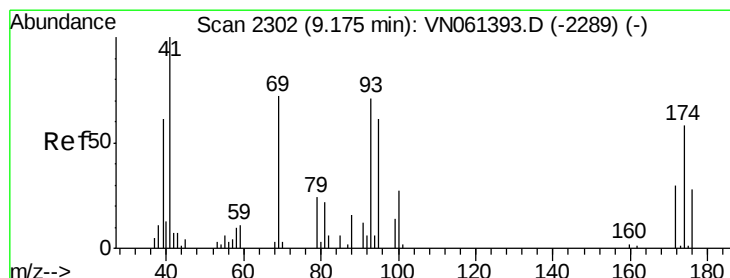
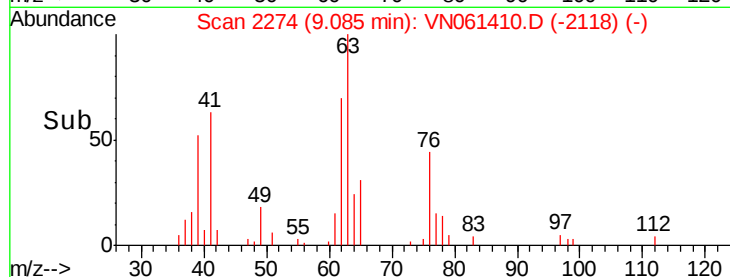


Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



Time-->



#40

Dibromomethane

Concen: 19.236 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

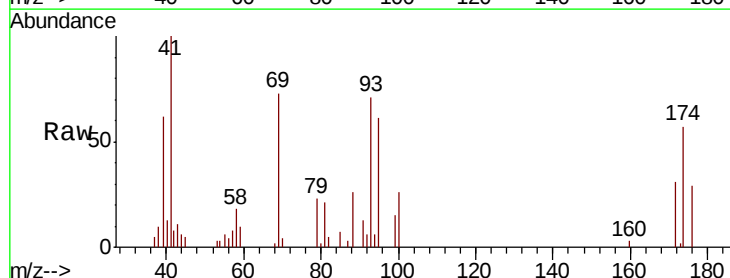
Tgt Ion: 93 Resp: 17944

Ion Ratio Lower Upper

93 100

95 83.3 0.0 167.6

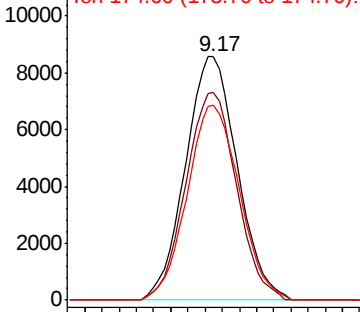
174 80.3 0.0 187.2



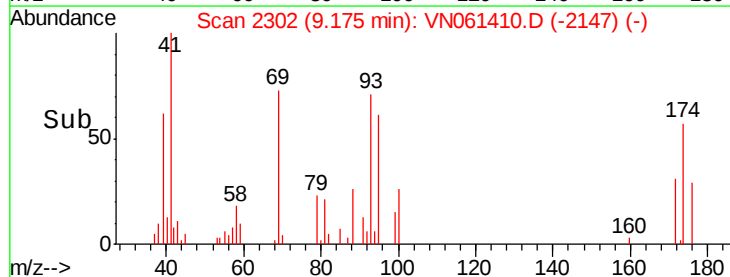
Abundance Ion 93.00 (92.70 to 93.70): VN0

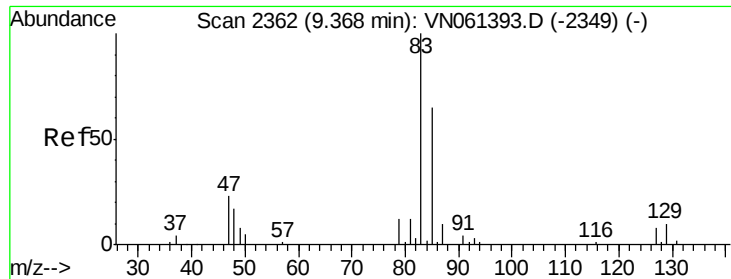
Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V



Time-->





#41

Bromodichloromethane

Concen: 19.164 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampled :

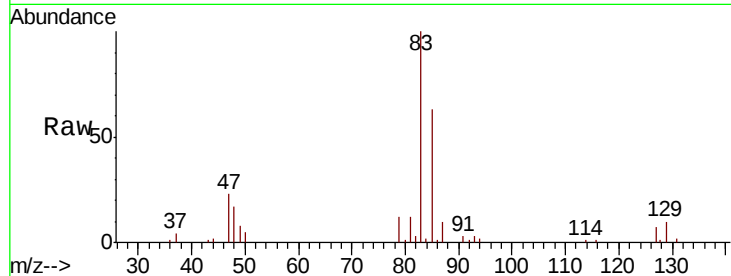
Tot Ion: 83 Resp: 38783

Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.4

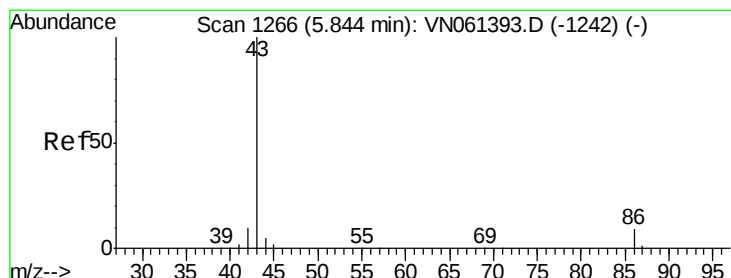
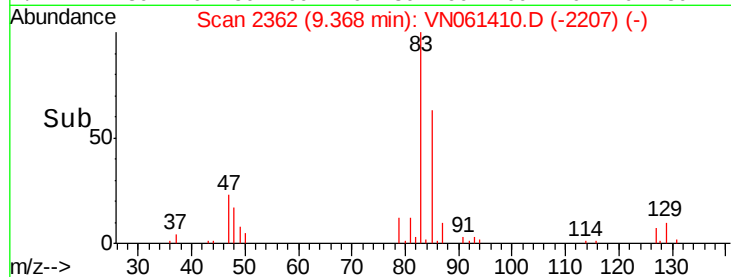
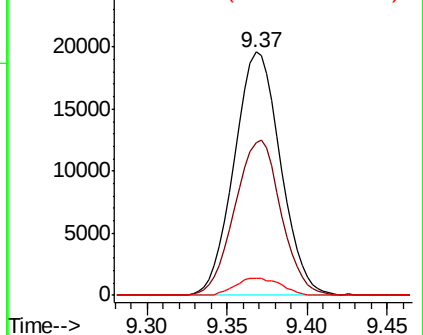
127 7.2 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 93.606 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061410.D

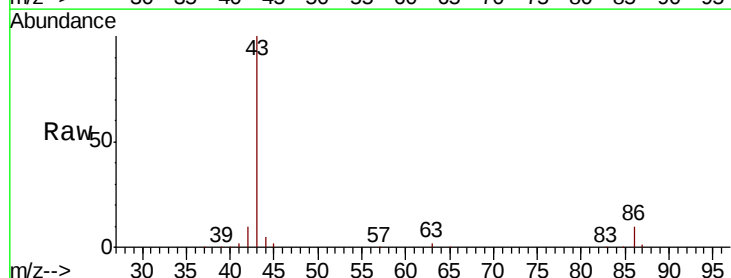
Acq: 15 May 2020 14:31

Tgt Ion: 43 Resp: 365152

Ion Ratio Lower Upper

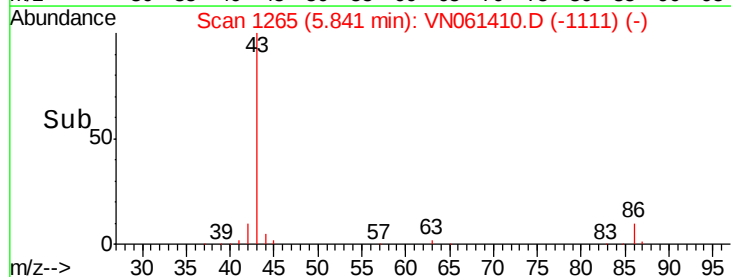
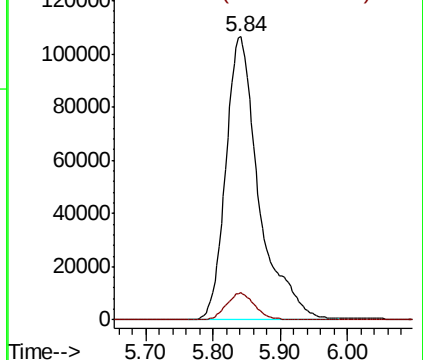
43 100

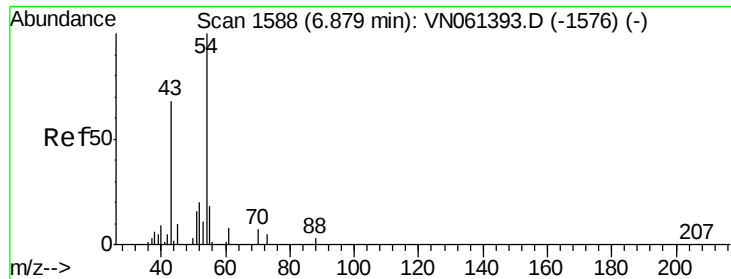
86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 20.795 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

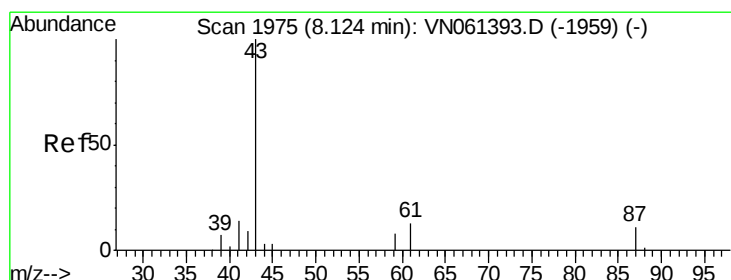
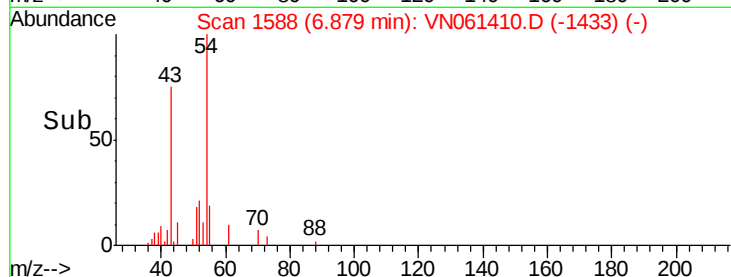
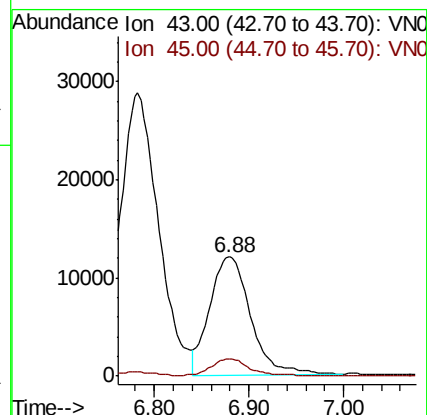
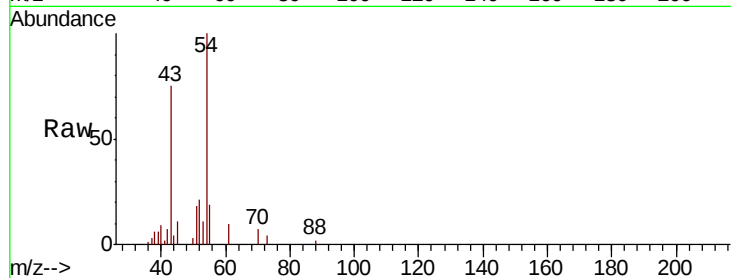
ClientSampleId :

Tot Ion: 43 Resp: 36487

Ion Ratio Lower Upper

43 100

45 13.4 9.7 14.5



#44

Isopropyl Acetate

Concen: 18.656 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061410.D

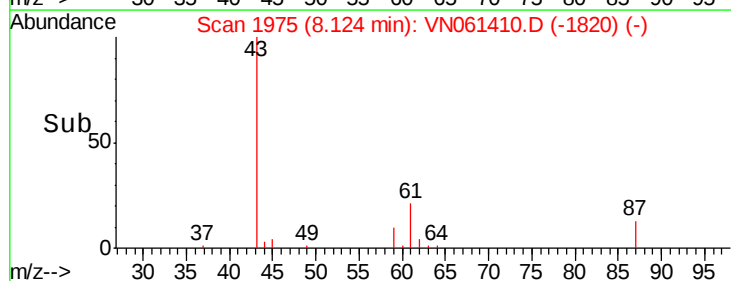
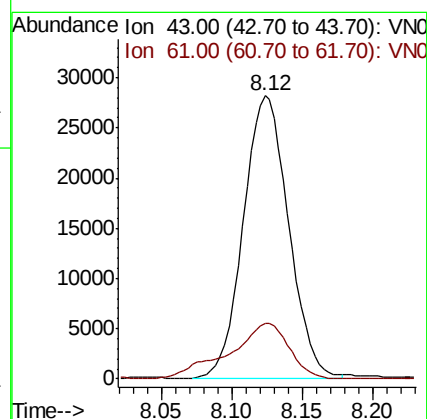
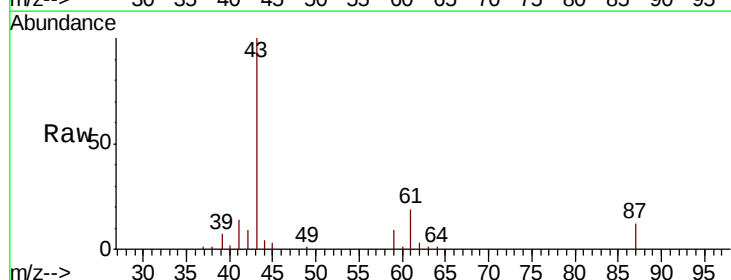
Acq: 15 May 2020 14:31

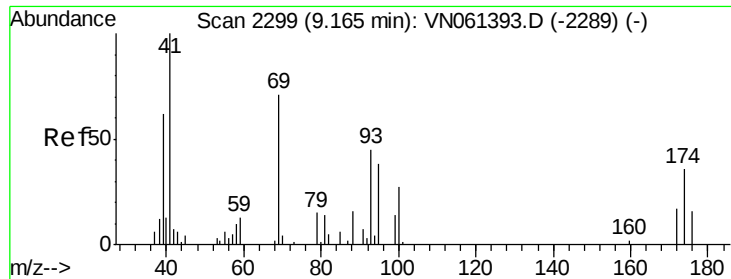
Tgt Ion: 43 Resp: 63555

Ion Ratio Lower Upper

43 100

61 25.9 19.9 29.9

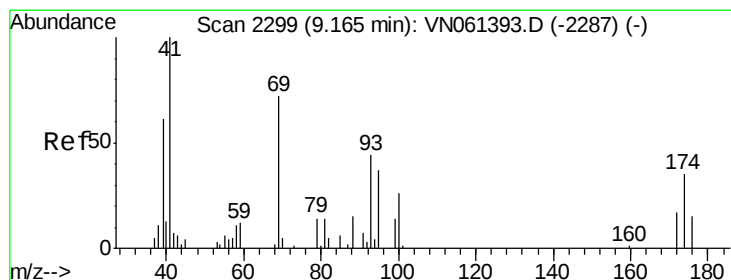
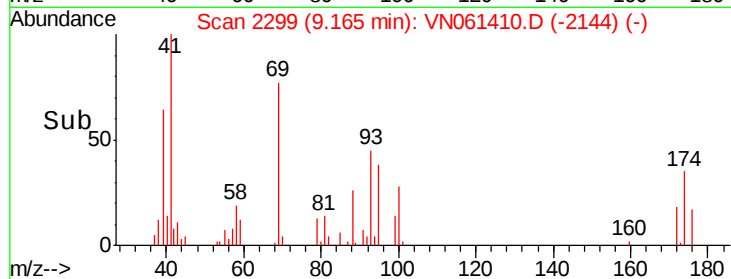
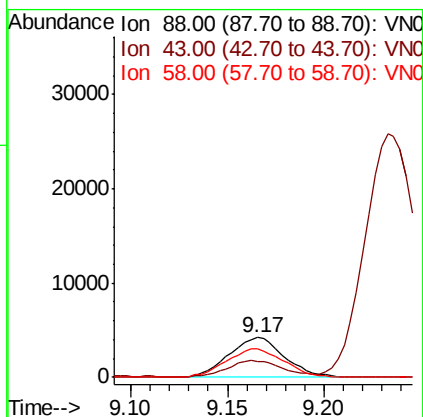
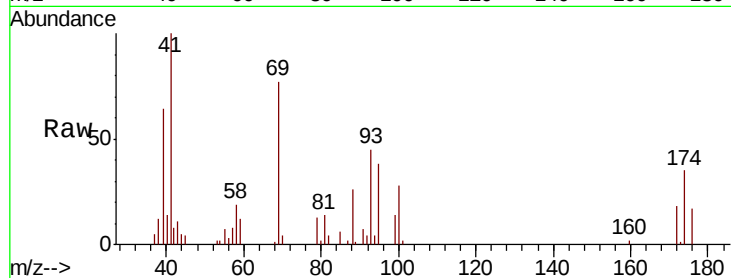




#45  
 1,4-Dioxane  
 Concen: 628.602 ug/l  
 RT: 9.17 min Scan# 2299  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

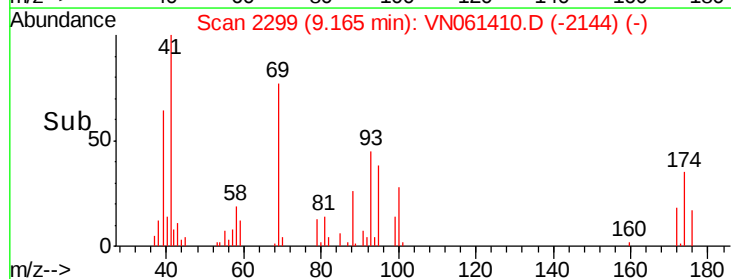
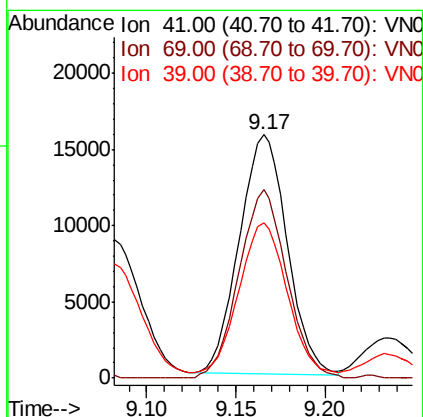
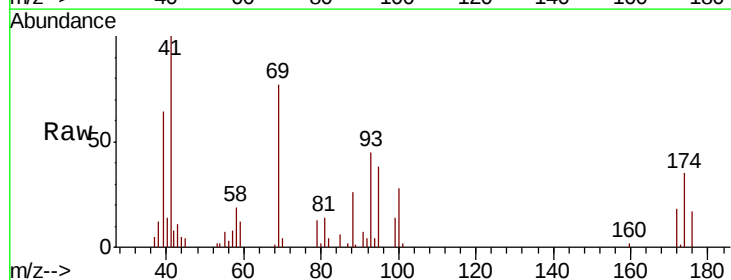
Instrument :  
 MSVOA\_N  
 ClientSampleId :

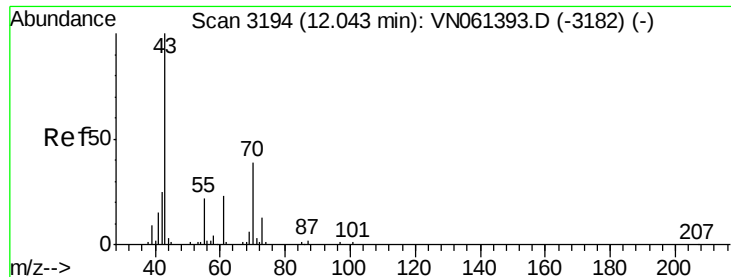
Tot Ion: 88 Resp: 8451  
 Ion Ratio Lower Upper  
 88 100  
 43 43.1 29.8 44.8  
 58 73.9 58.2 87.4



#46  
 Methyl methacrylate  
 Concen: 18.362 ug/l  
 RT: 9.17 min Scan# 2299  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion: 41 Resp: 29417  
 Ion Ratio Lower Upper  
 41 100  
 69 79.1 40.2 120.5  
 39 62.8 29.9 89.8

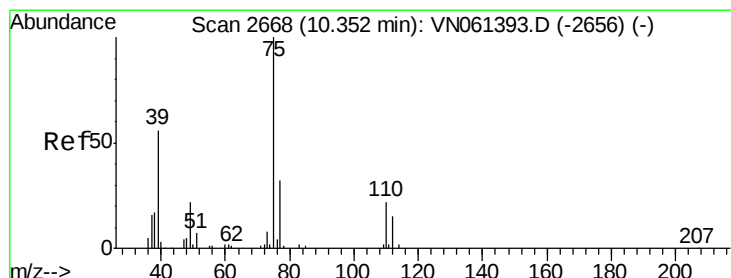
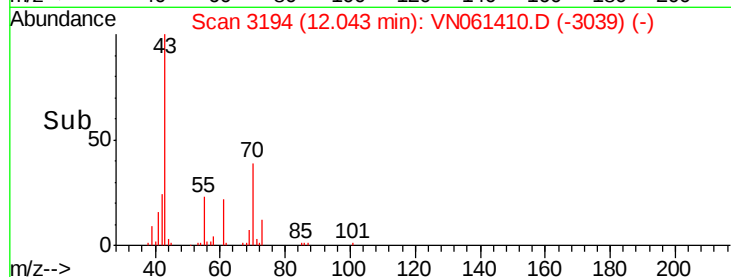
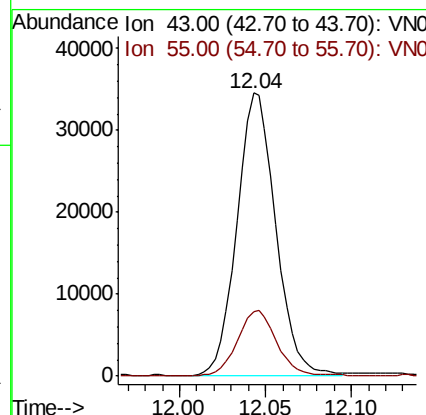
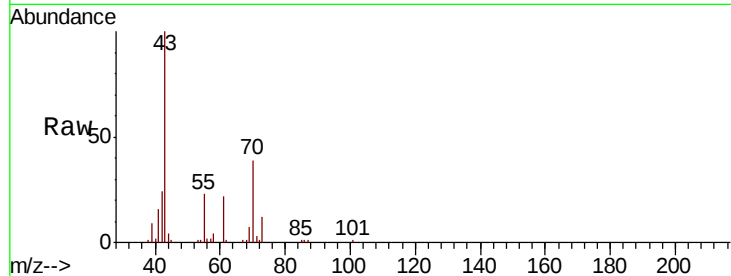




#47  
n-amyl Acetate  
Concen: 17.956 ug/l  
RT: 12.04 min Scan# 3194  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

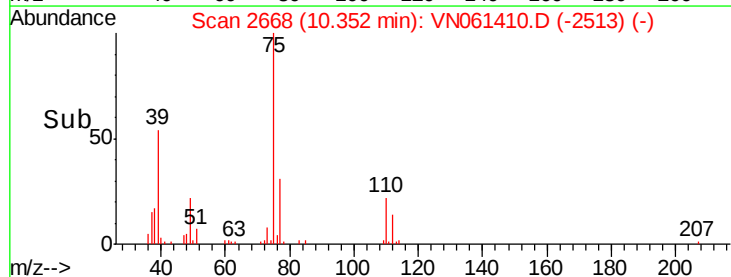
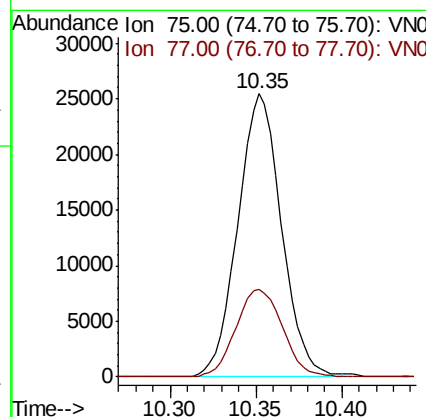
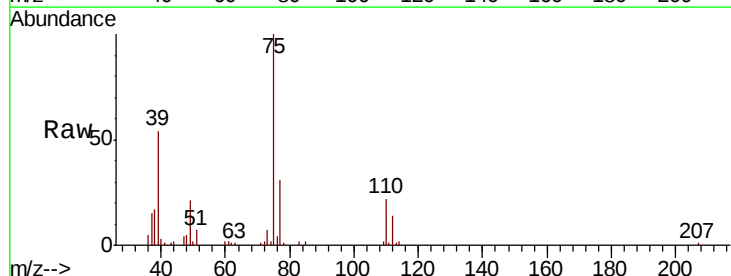
Instrument :  
MSVOA\_N  
ClientSampleId :

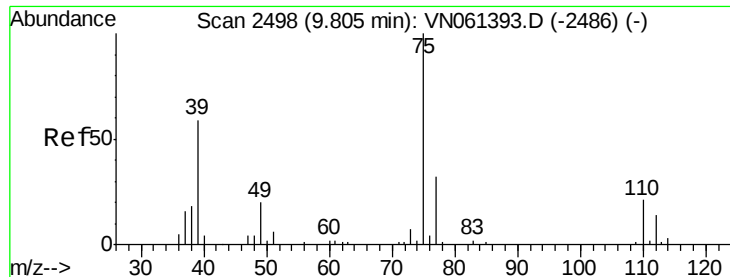
Tot Ion: 43 Resp: 54560  
Ion Ratio Lower Upper  
43 100  
55 23.2 19.6 29.4



#48  
t-1,3-Dichloropropene  
Concen: 18.713 ug/l  
RT: 10.35 min Scan# 2668  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 75 Resp: 44691  
Ion Ratio Lower Upper  
75 100  
77 31.0 27.0 40.4



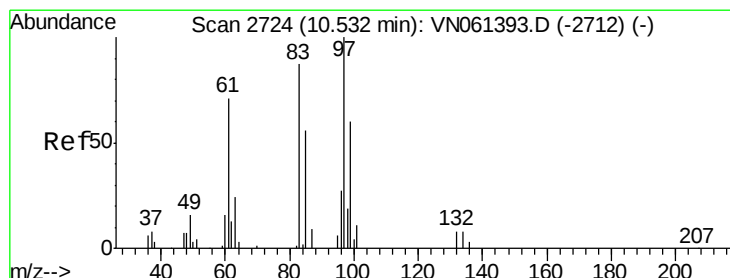
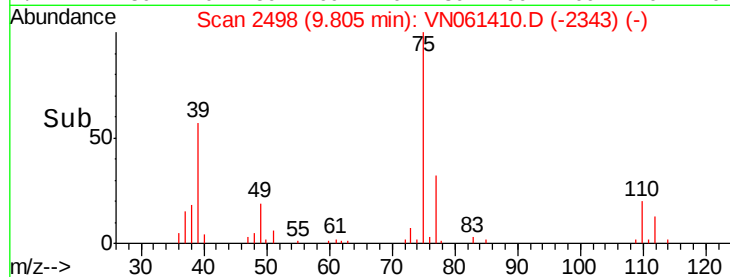
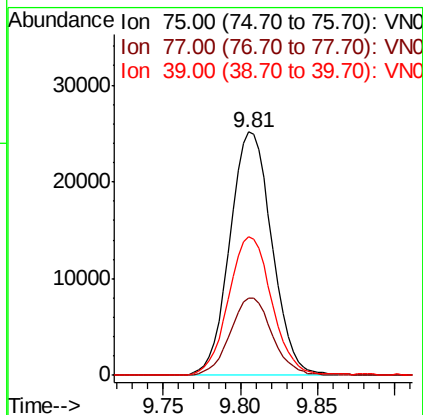
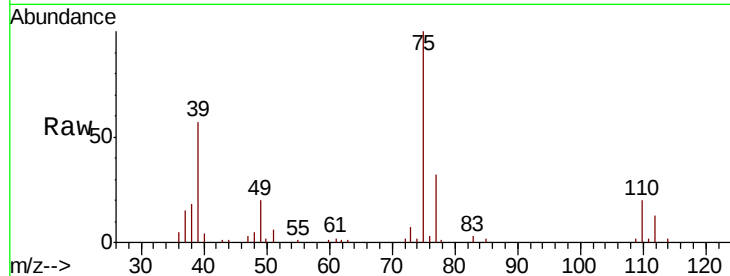


#49

cis-1,3-Dichloropropene  
 Concen: 18.807 ug/l  
 RT: 9.81 min Scan# 2498  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :

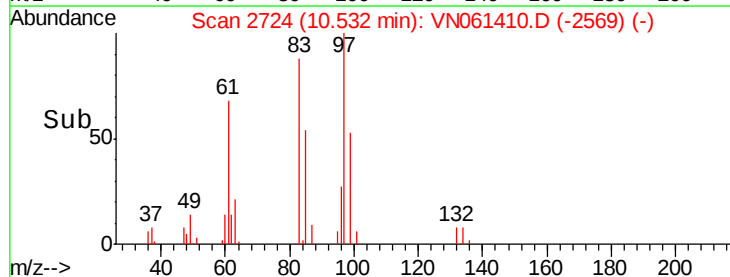
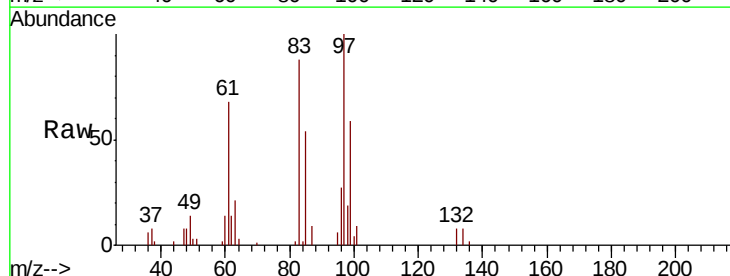
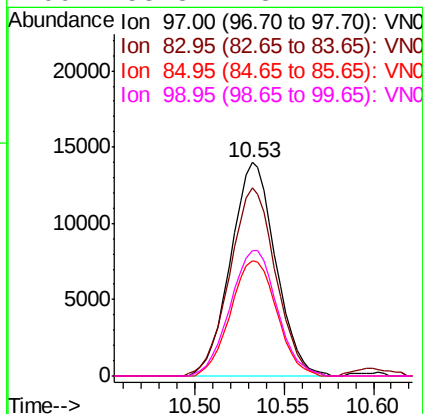
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.8  | 26.1  | 39.1  |
| 39      | 56.9  | 43.1  | 64.7  |

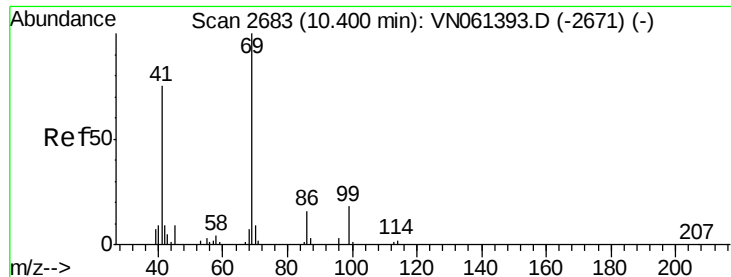


#50

1,1,2-Trichloroethane  
 Concen: 19.111 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 87.8  | 70.7  | 106.1 |
| 85      | 54.0  | 45.1  | 67.7  |
| 99      | 58.8  | 48.2  | 72.4  |





#51

Ethyl methacrylate

Concen: 18.519 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampleId :

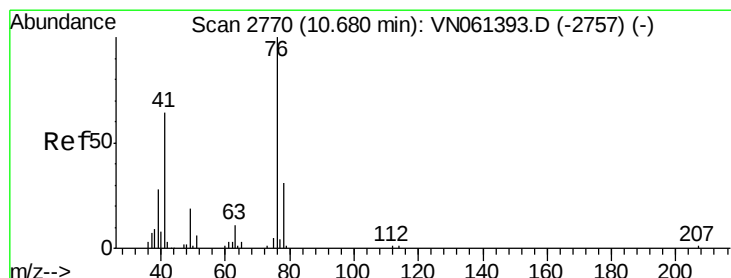
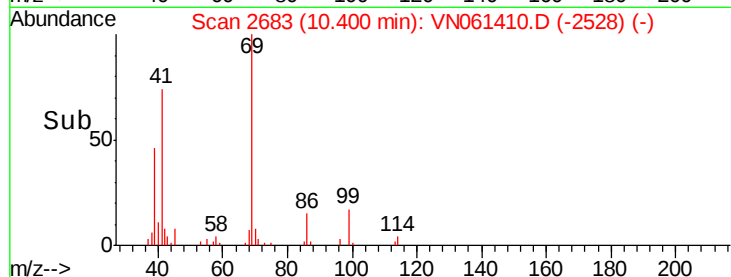
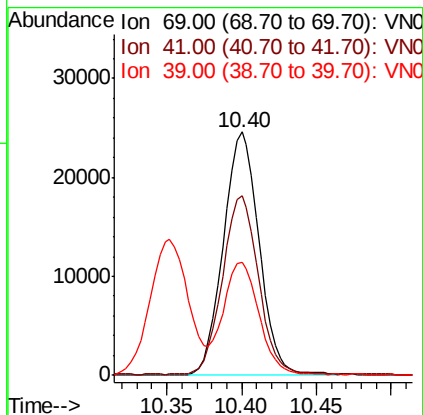
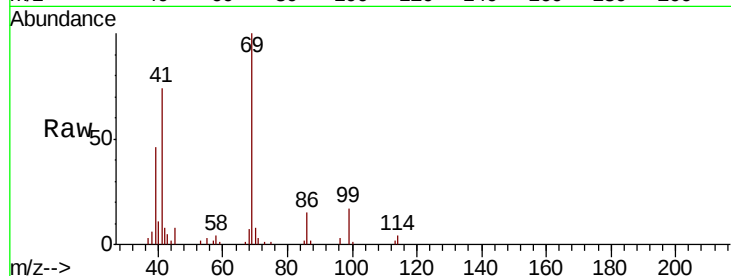
Tot Ion: 69 Resp: 41153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 73.8  | 34.7  | 104.1 |
| 39  | 45.8  | 20.3  | 60.8  |

69 100

41 73.8 34.7 104.1

39 45.8 20.3 60.8



#52

1,3-Dichloropropane

Concen: 19.244 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061410.D

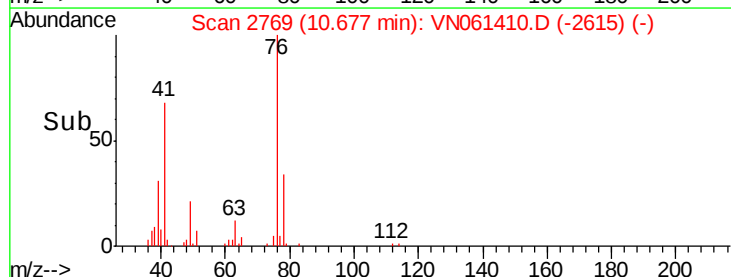
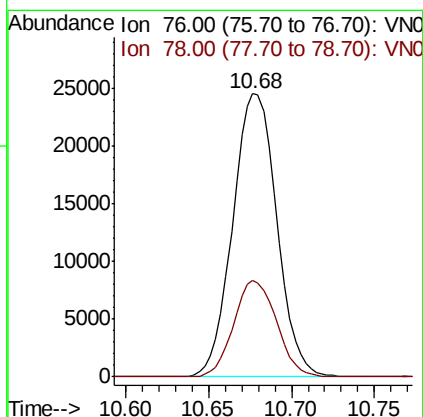
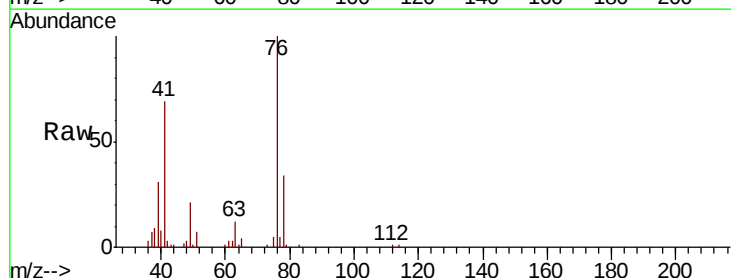
Acq: 15 May 2020 14:31

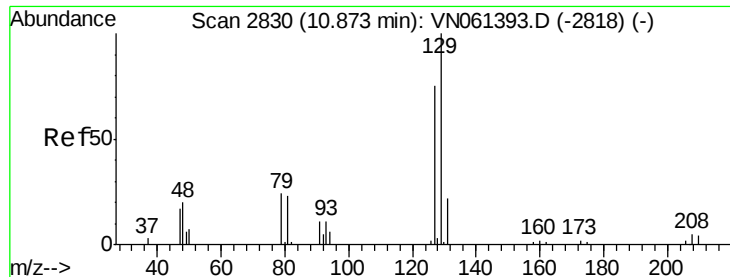
Tgt Ion: 76 Resp: 45325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 33.1  | 0.0   | 63.2  |

76 100

78 33.1 0.0 63.2

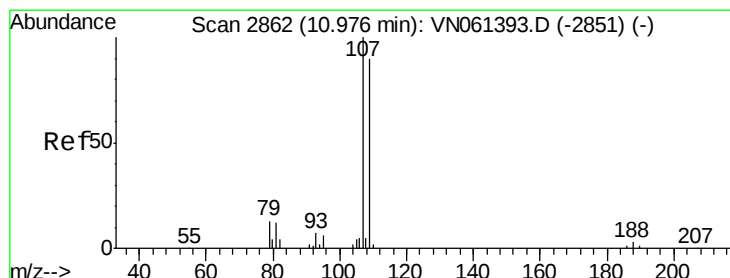
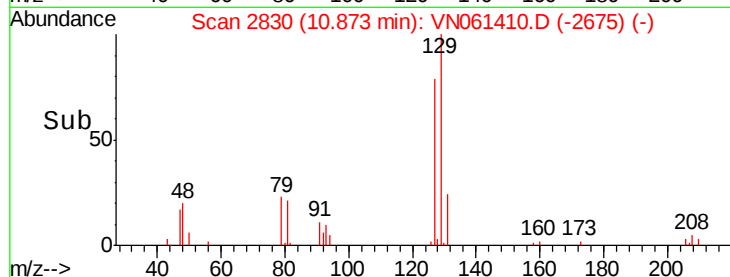
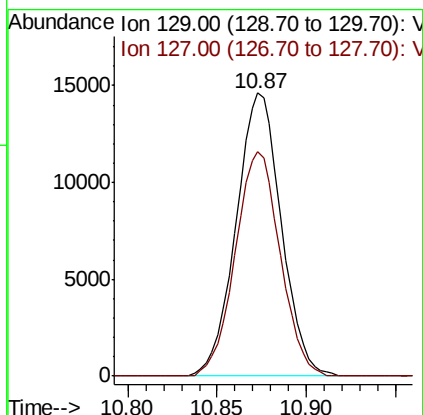
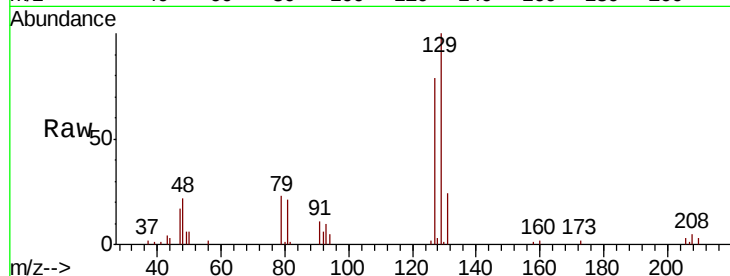




#53  
 Dibromochloromethane  
 Concen: 18.311 ug/l  
 RT: 10.87 min Scan# 2830  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

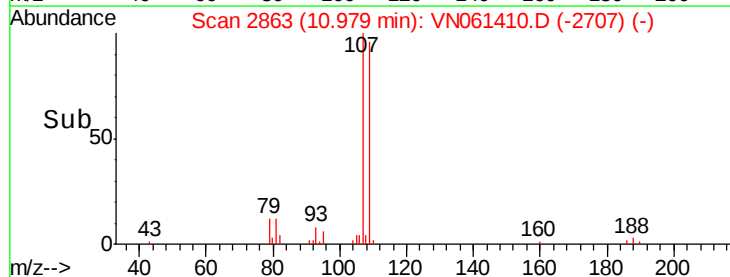
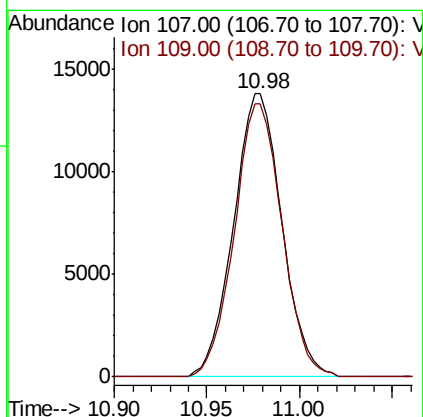
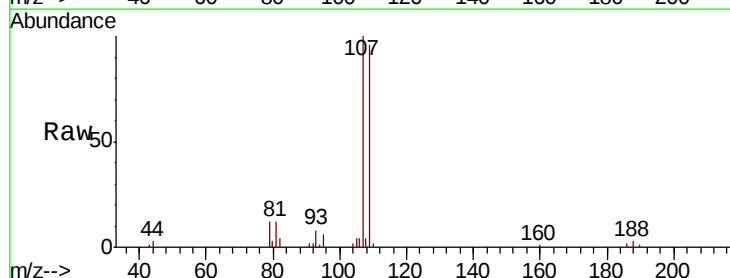
Instrument :  
 MSVOA\_N  
 ClientSampleId :

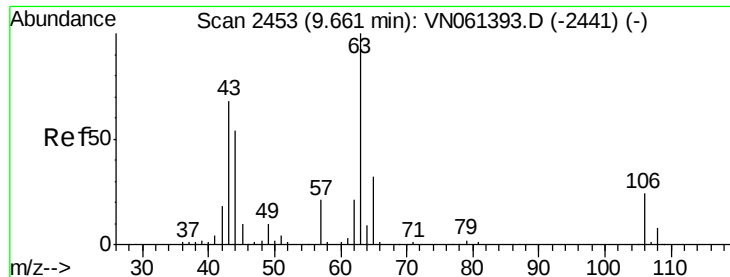
Tot Ion:129 Resp: 25879  
 Ion Ratio Lower Upper  
 129 100  
 127 78.6 39.1 117.5



#54  
 1,2-Dibromoethane  
 Concen: 18.787 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion:107 Resp: 25004  
 Ion Ratio Lower Upper  
 107 100  
 109 95.3 76.2 114.4

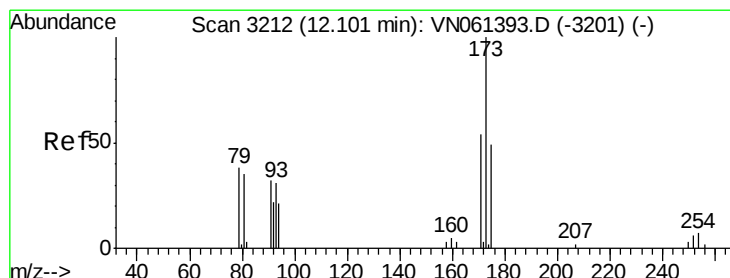
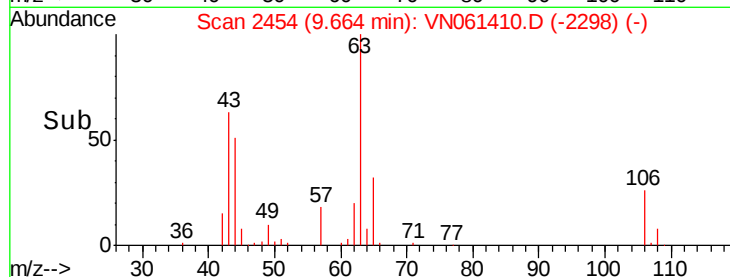
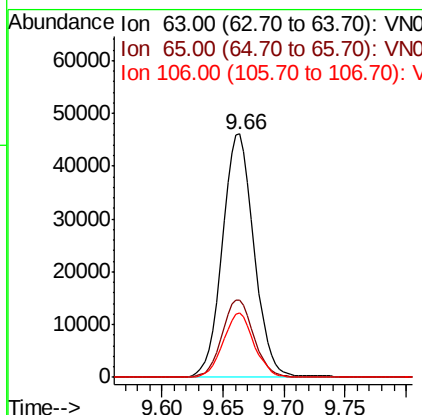
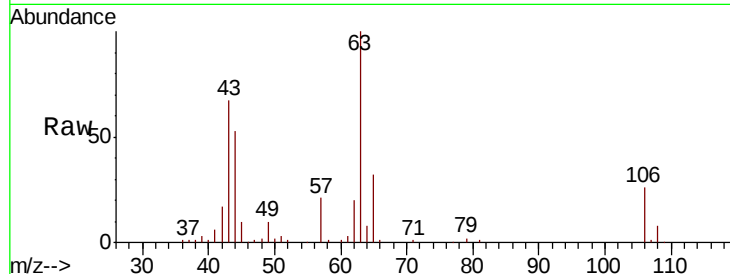




#55  
2-Chloroethyl vinyl ether  
Concen: 85.429 ug/l  
RT: 9.66 min Scan# 2454  
Delta R.T. 0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

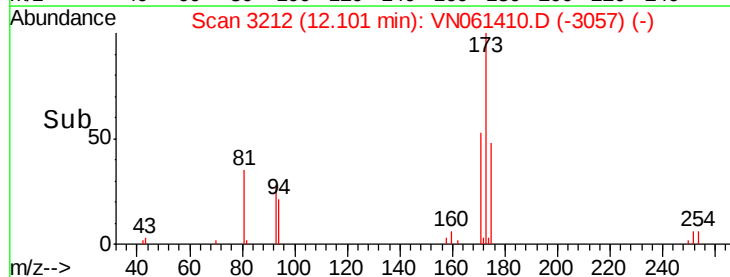
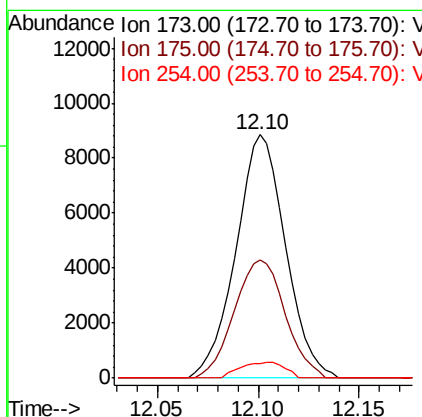
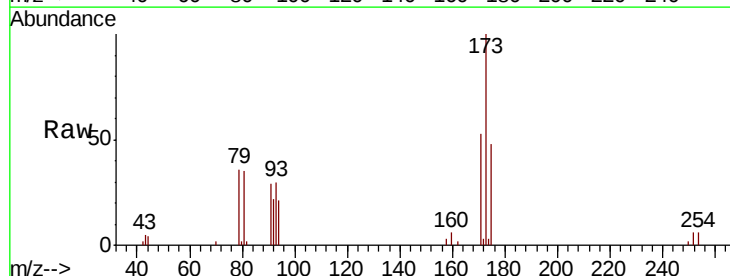
Instrument :  
MSVOA\_N  
ClientSampleId :

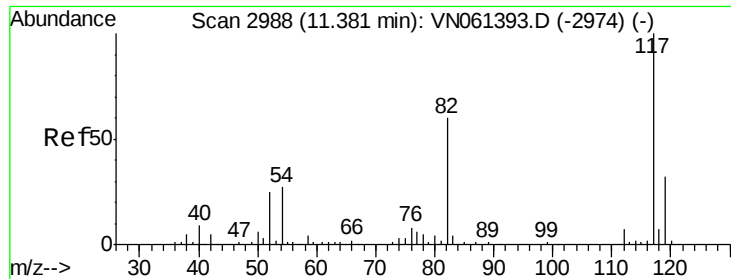
Tot Ion: 63 Resp: 84017  
Ion Ratio Lower Upper  
63 100  
65 31.7 25.3 37.9  
106 25.6 19.8 29.6



#56  
Bromoform  
Concen: 17.114 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 173 Resp: 15211  
Ion Ratio Lower Upper  
173 100  
175 49.8 38.7 58.1  
254 5.9 7.4 11.2#

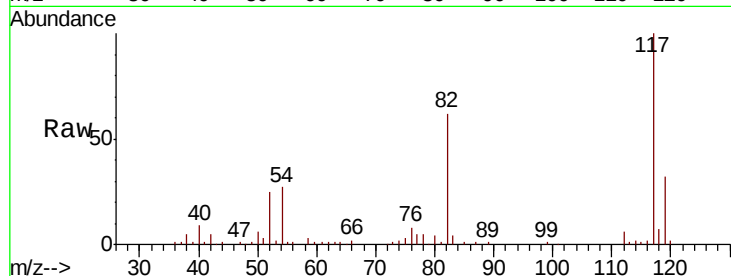




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Instrument :  
MSVOA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 62.6  | 46.9  | 70.3  |
| 119     | 31.6  | 25.8  | 38.6  |

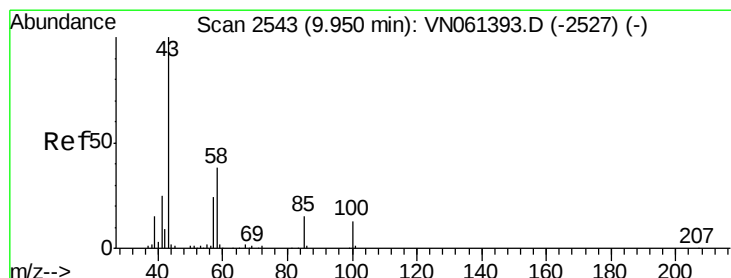
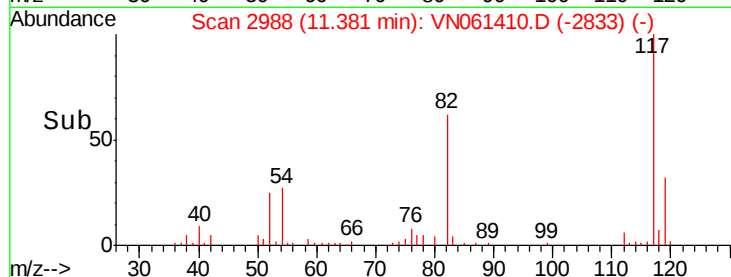
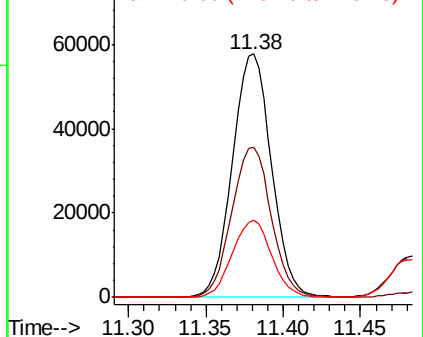


Abundance

Ion 117.00 (116.70 to 117.70): V

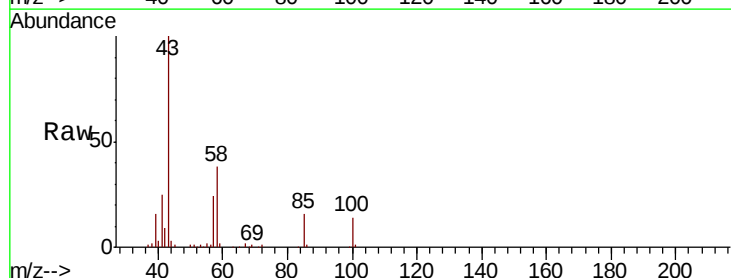
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#58  
4-Methyl-2-Pentanone  
Concen: 95.768 ug/l  
RT: 9.95 min Scan# 2543  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.3  | 30.1  | 45.1  |
| 85      | 16.1  | 13.2  | 19.8  |

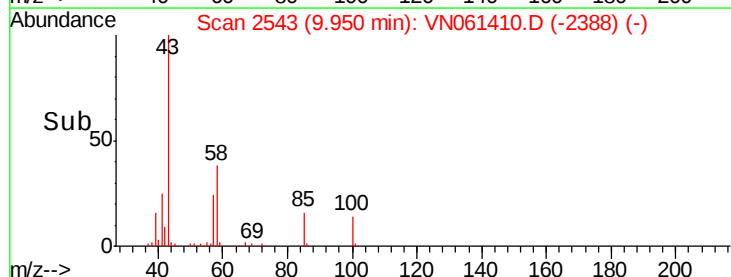
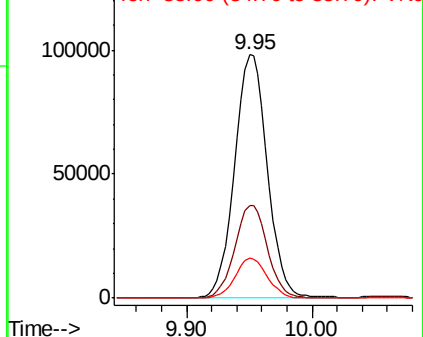


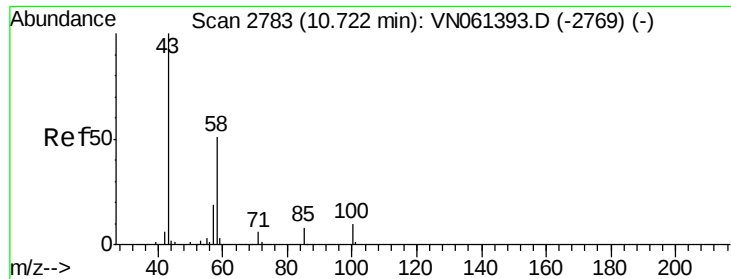
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

Ion 85.00 (84.70 to 85.70): V

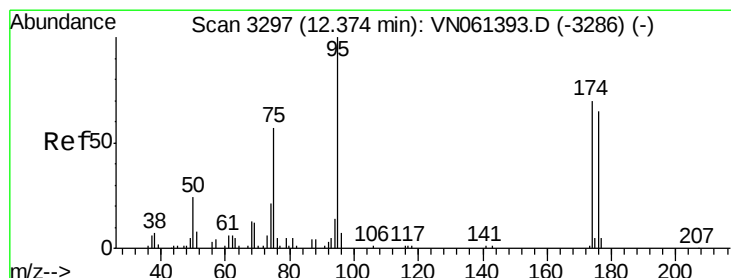
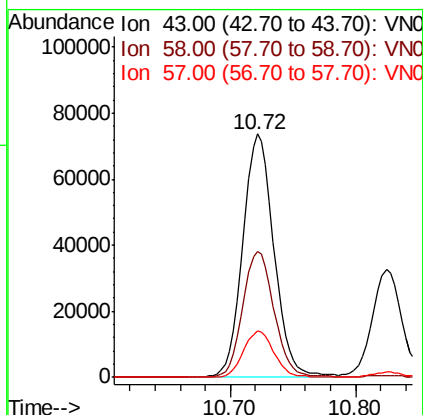
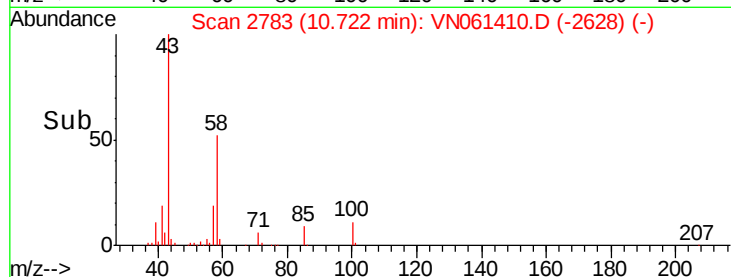
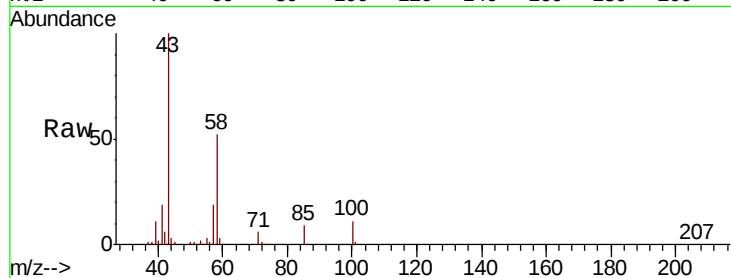




#59  
2-Hexanone  
Concen: 97.505 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

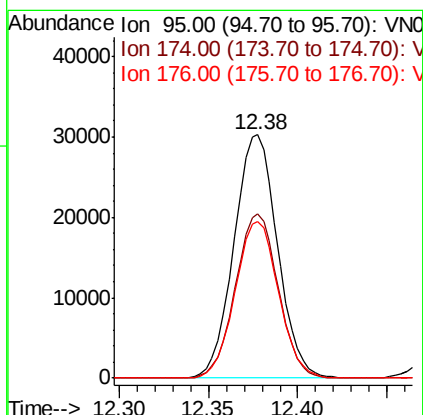
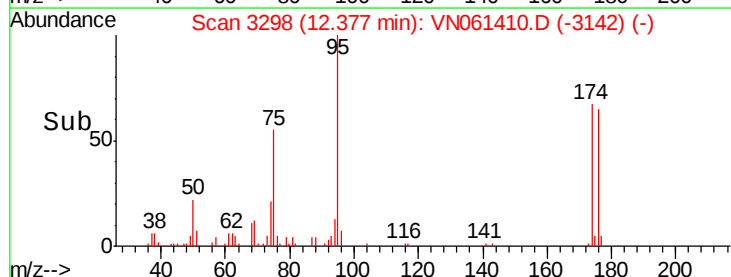
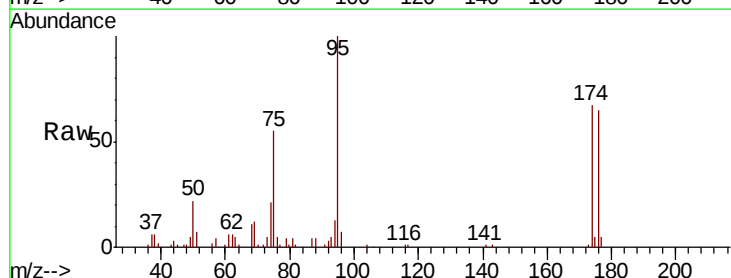
Instrument :  
MSVOA\_N  
ClientSampled :

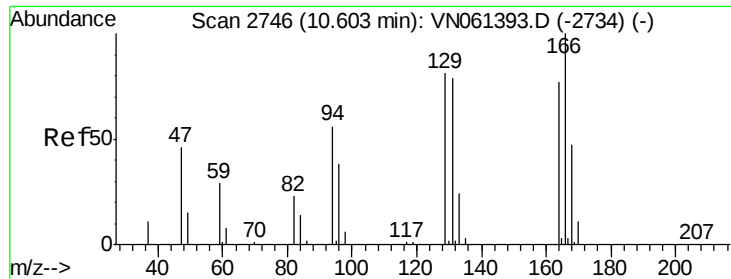
Tot Ion: 43 Resp: 127246  
Ion Ratio Lower Upper  
43 100  
58 51.9 41.4 62.0  
57 18.8 14.7 22.1



#60  
4-Bromofluorobenzene  
Concen: 29.869 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion: 95 Resp: 51630  
Ion Ratio Lower Upper  
95 100  
174 66.1 59.9 89.9  
176 64.0 58.3 87.5





#61

Tetrachloroethene

Concen: 19.383 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion:164 Resp: 24541

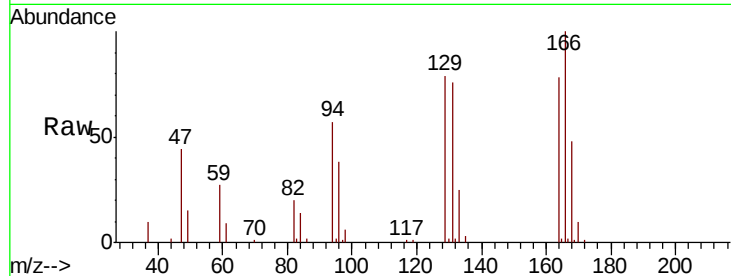
Ion Ratio Lower Upper

164 100

166 127.6 101.4 152.2

129 100.5 78.1 117.1

131 96.8 73.2 109.8

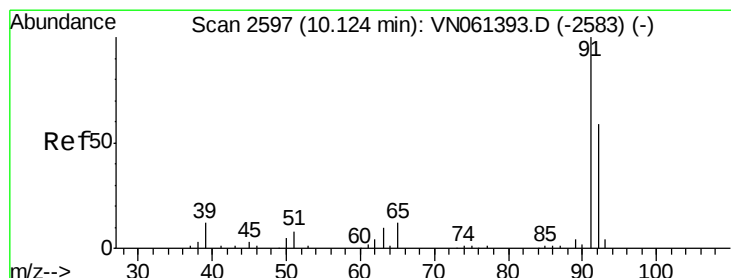
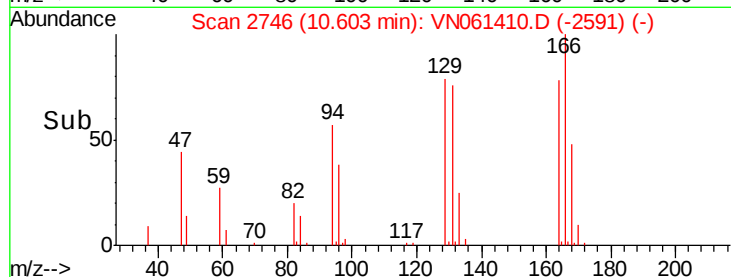
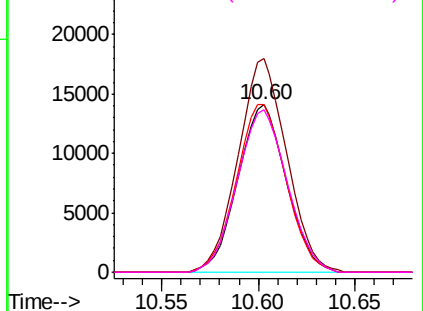


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.222 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061410.D

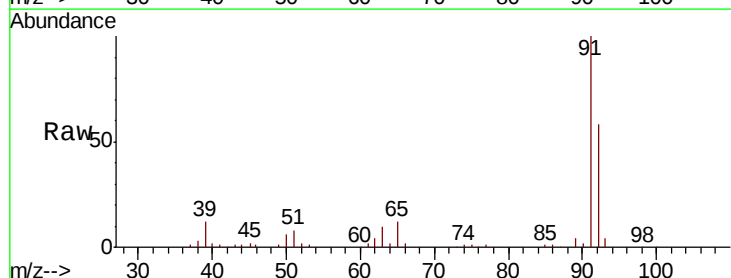
Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 112843

Ion Ratio Lower Upper

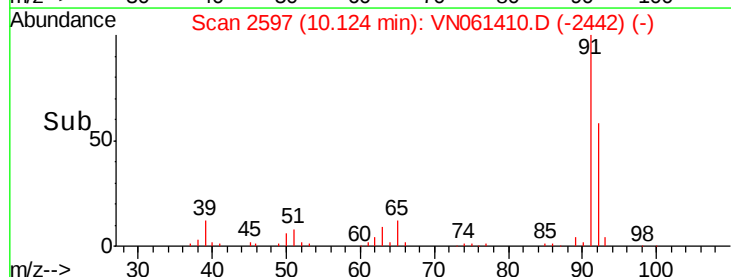
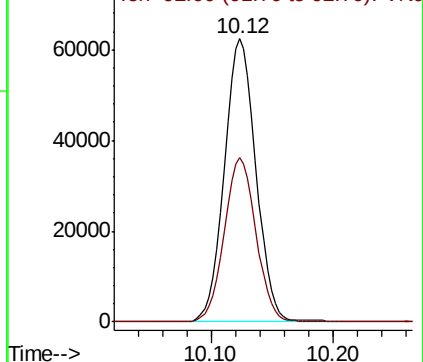
91 100

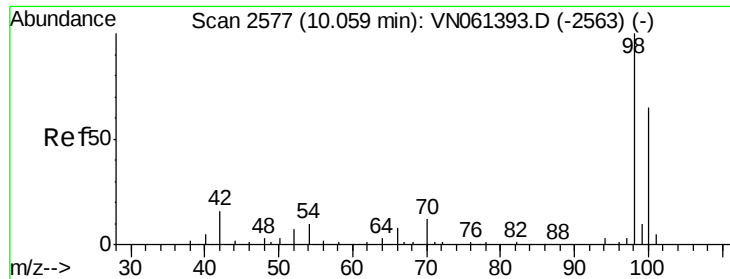
92 58.3 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.227 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

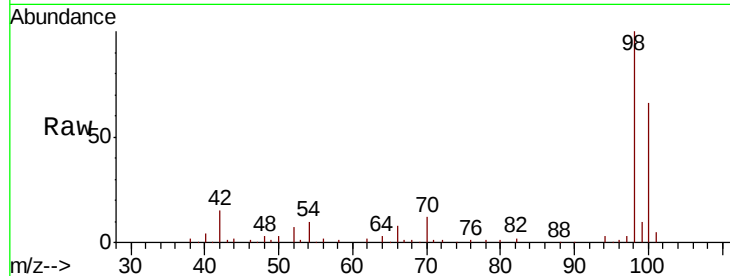
ClientSampleId :

Tot Ion: 98 Resp: 141699

Ion Ratio Lower Upper

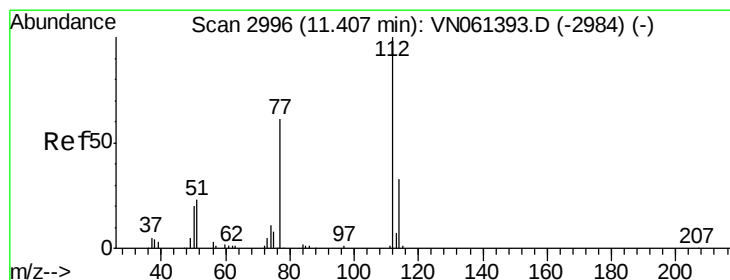
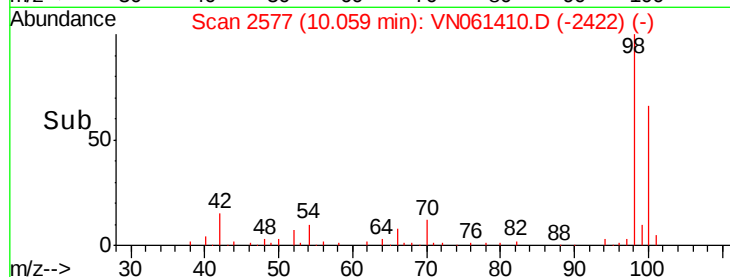
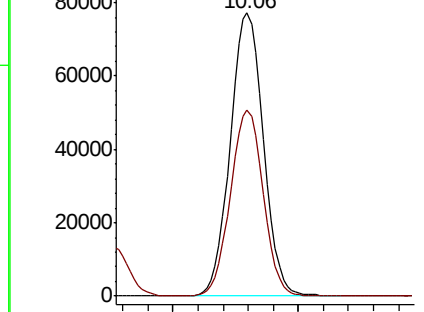
98 100

100 65.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN061393.D (-2563) (-)

Ion 100.00 (99.70 to 100.70): VN061410.D (-2422) (-)



#64

Chlorobenzene

Concen: 19.277 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061410.D

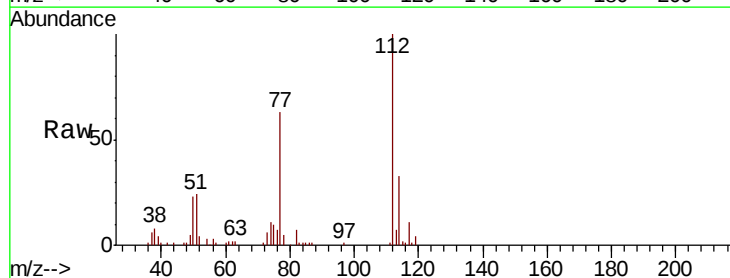
Acq: 15 May 2020 14:31

Tgt Ion: 112 Resp: 66982

Ion Ratio Lower Upper

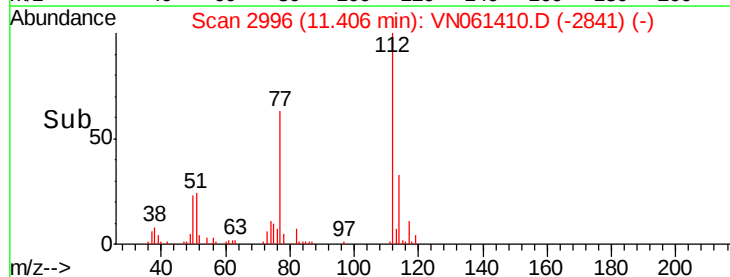
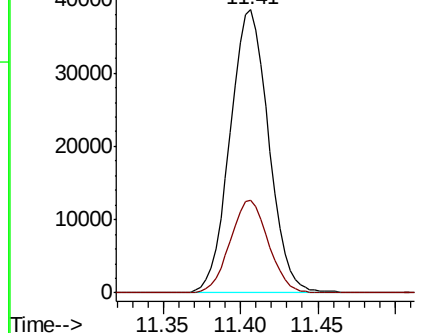
112 100

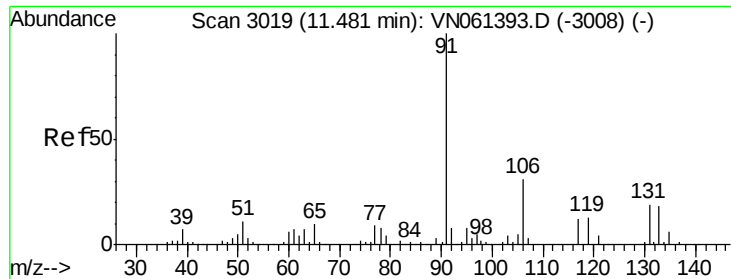
114 32.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VN061393.D (-2984) (-)

Ion 114.00 (113.70 to 114.70): VN061410.D (-2841) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 18.730 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampleId :

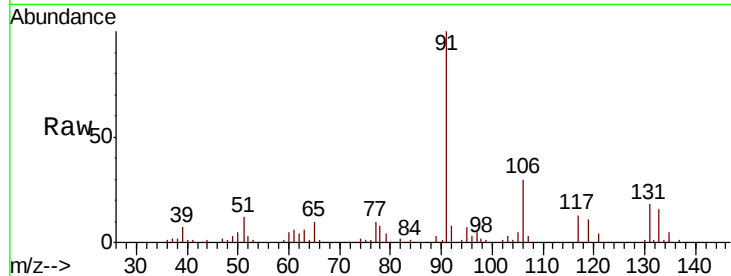
Tot Ion:131 Resp: 23780

Ion Ratio Lower Upper

131 100

133 94.2 0.0 194.0

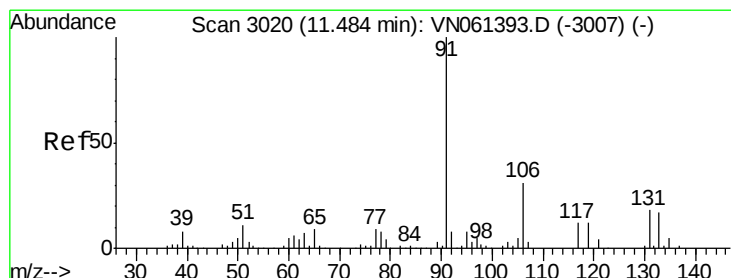
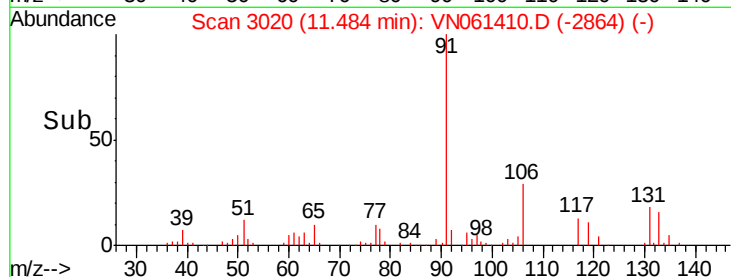
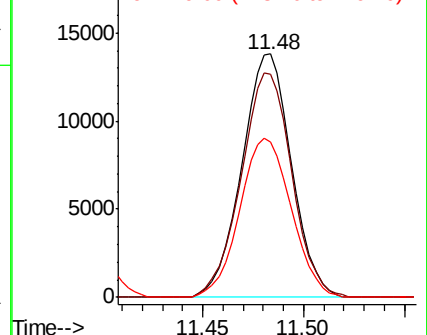
119 68.0 0.0 136.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.070 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061410.D

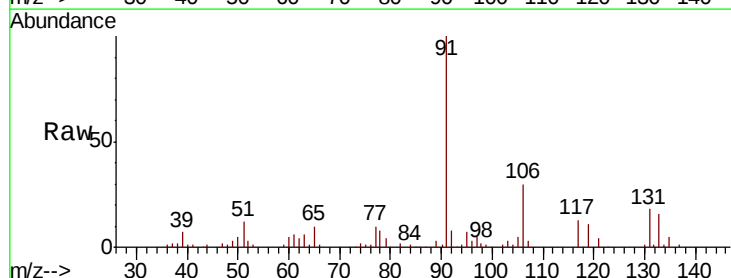
Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 128477

Ion Ratio Lower Upper

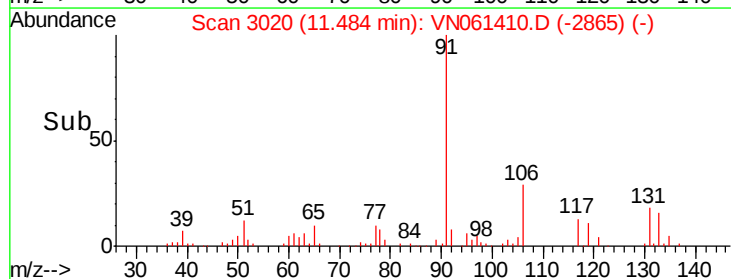
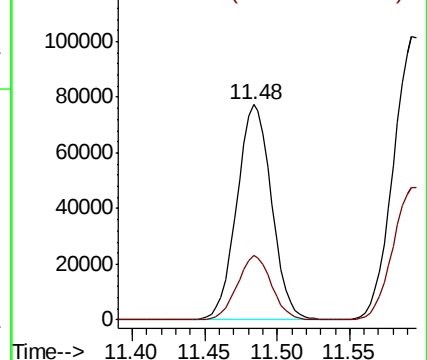
91 100

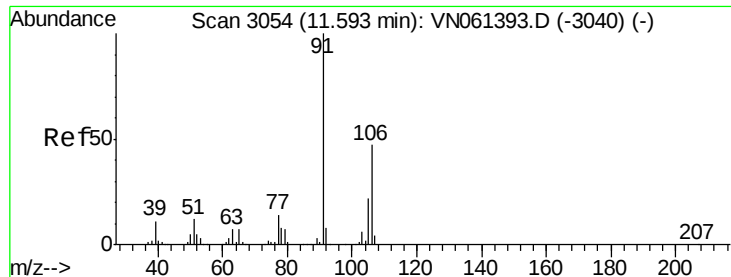
106 29.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.950 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

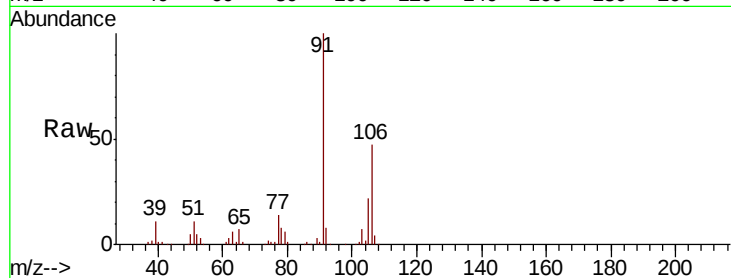
ClientSampled :

Tot Ion:106 Resp: 94415

Ion Ratio Lower Upper

106 100

91 207.6 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

120000

100000

80000

60000

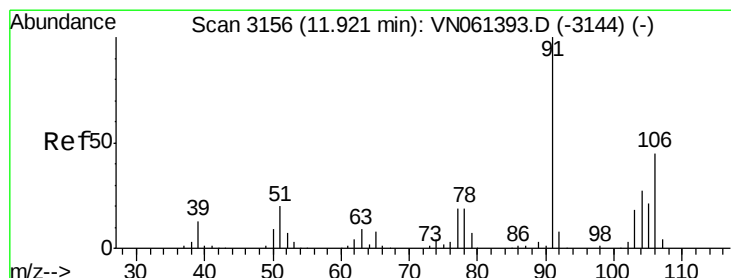
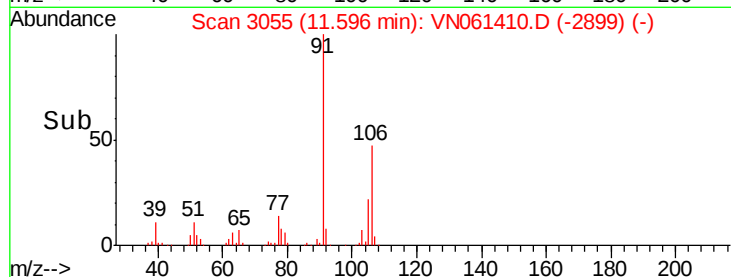
40000

20000

0

11.55 11.60 11.65

Time-->



#68

o-Xylene

Concen: 19.290 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN061410.D

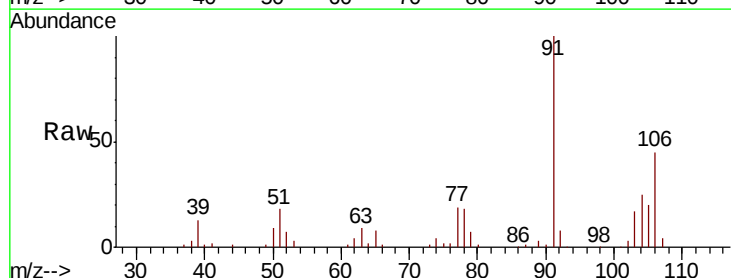
Acq: 15 May 2020 14:31

Tgt Ion:106 Resp: 45802

Ion Ratio Lower Upper

106 100

91 217.6 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

60000

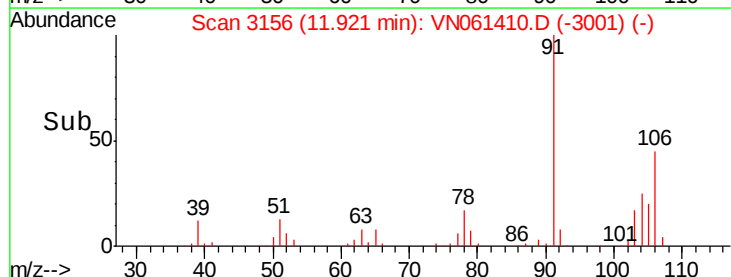
40000

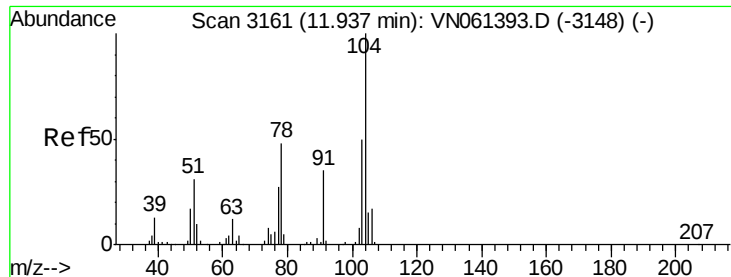
20000

0

11.85 11.90 11.95

Time-->

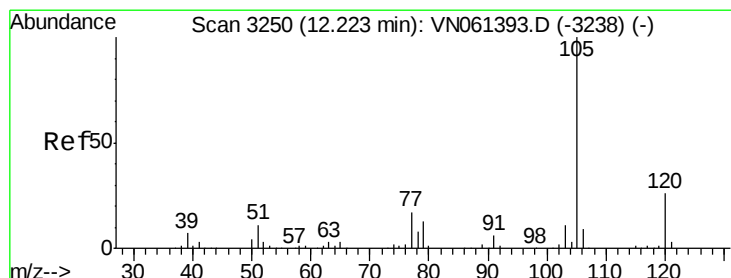
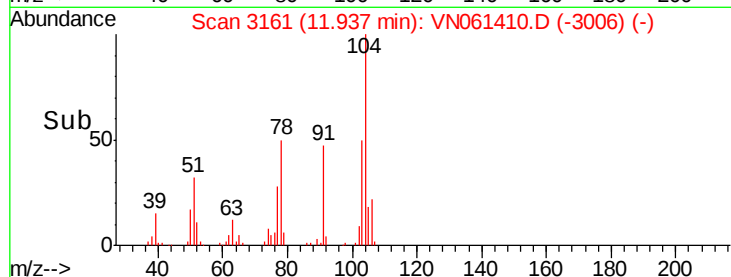
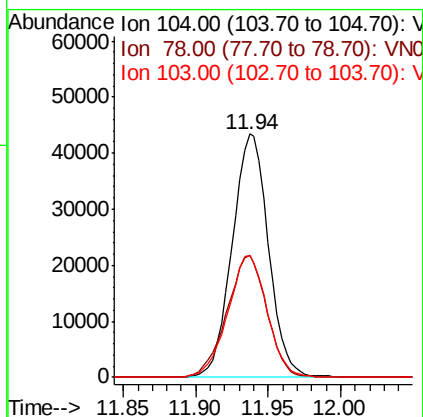
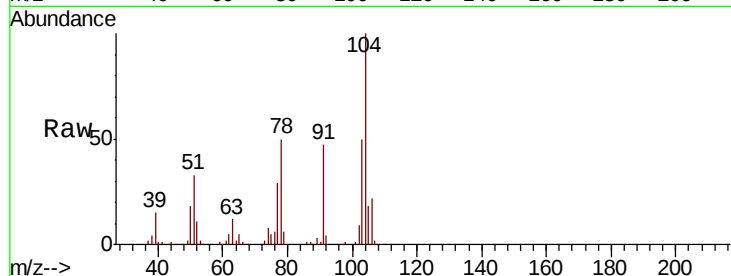




#69  
Stvrene  
Concen: 18.490 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

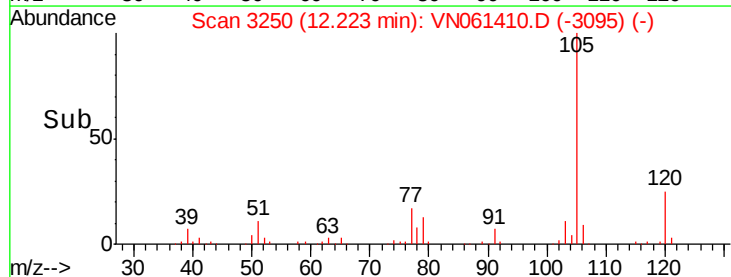
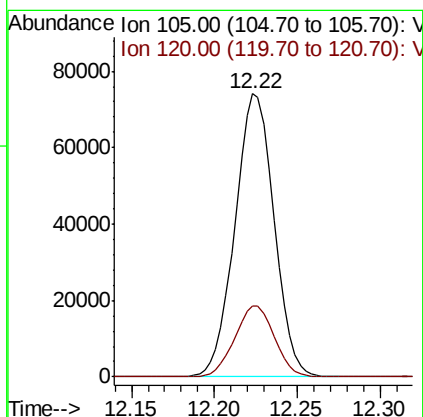
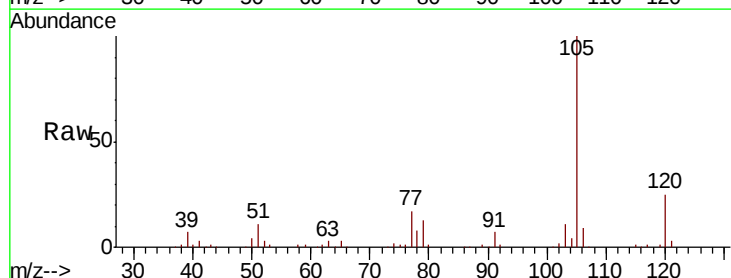
Instrument :  
MSVOA\_N  
ClientSampleId :

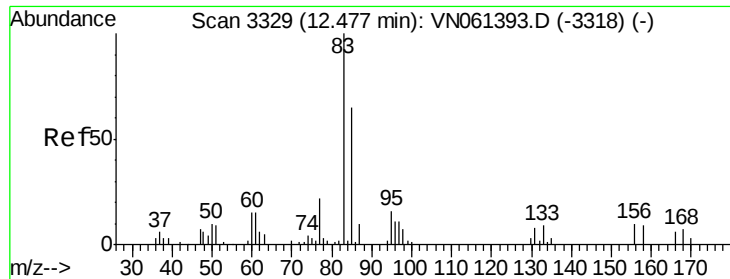
Tot Ion:104 Resp: 75544  
Ion Ratio Lower Upper  
104 100  
78 54.9 42.4 63.6  
103 54.2 44.6 66.8



#70  
Isopropylbenzene  
Concen: 18.913 ug/l  
RT: 12.22 min Scan# 3250  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion:105 Resp: 121676  
Ion Ratio Lower Upper  
105 100  
120 25.4 18.4 34.2

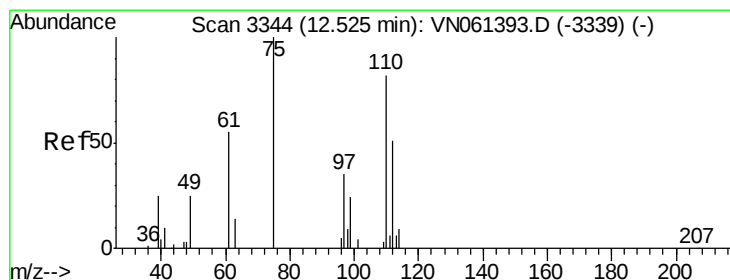
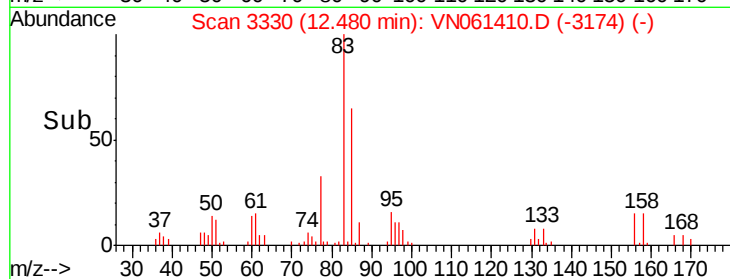
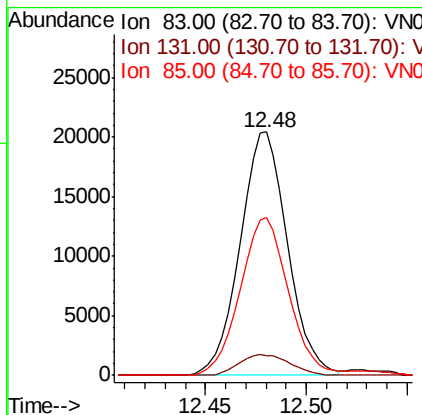
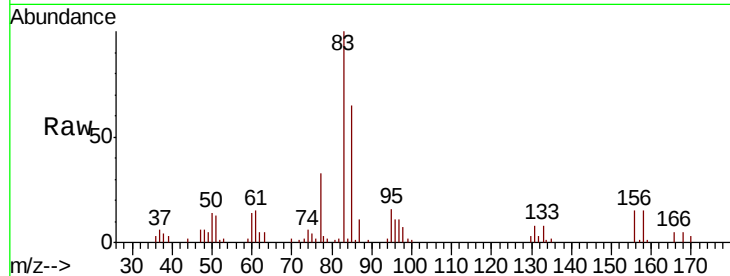




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.952 ug/l  
 RT: 12.48 min Scan# 3330  
 Delta R.T. 0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

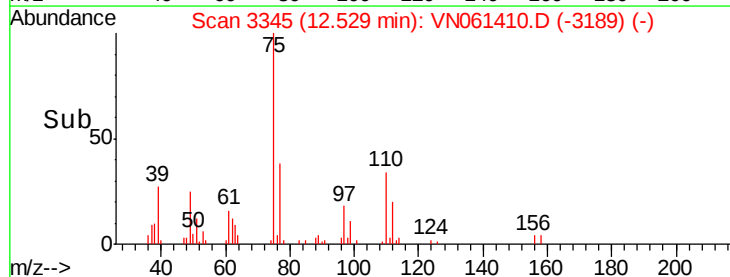
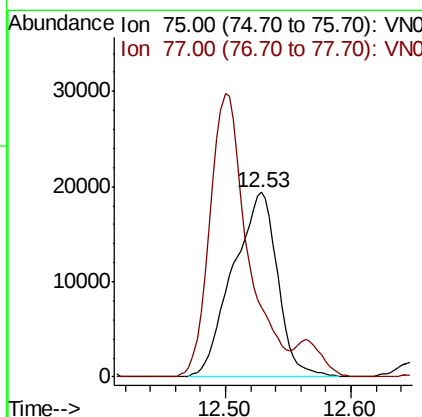
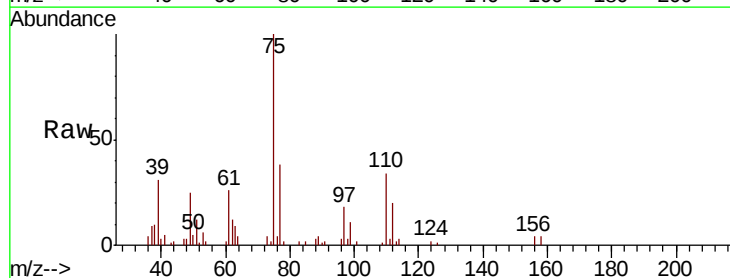
Instrument :  
 MSVOA\_N  
 ClientSampleId :

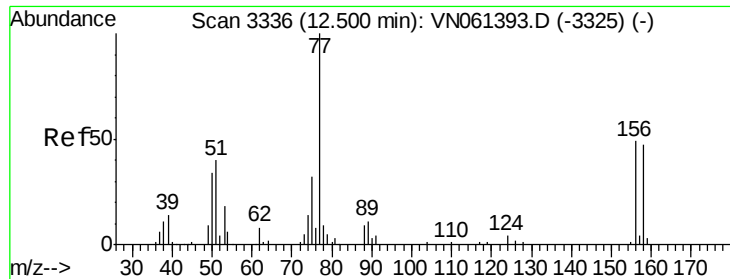
| Tot Ion   | 83    | Resp  | 33684 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.0   | 4.9   | 14.7  |
| 85        | 65.9  | 31.6  | 94.7  |



#72  
 1,2,3-Trichloropropane  
 Concen: 28.381 ug/l  
 RT: 12.53 min Scan# 3345  
 Delta R.T. 0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

| Tgt Ion   | 75    | Resp  | 48110 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 130.0 | 0.0   | 359.4 |





#73

Bromobenzene

Concen: 18.506 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampled :

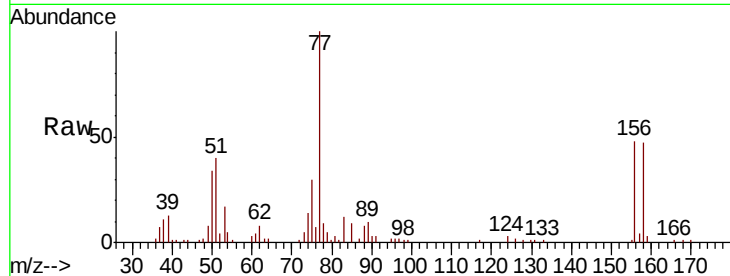
Tot Ion:156 Resp: 24730

Ion Ratio Lower Upper

156 100

77 252.8 0.0 456.0

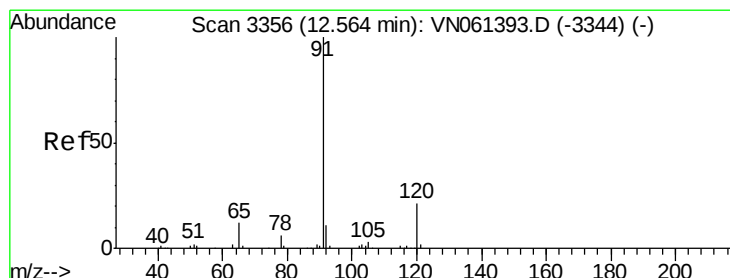
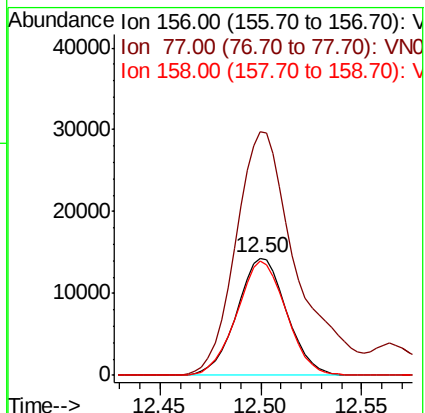
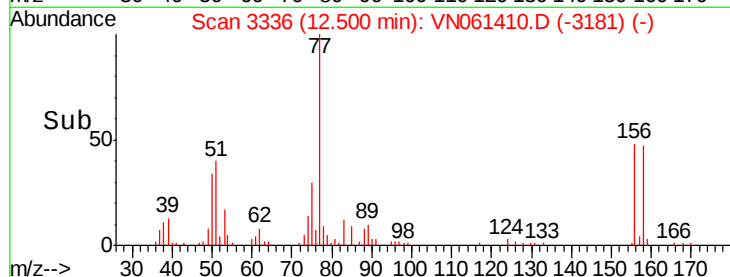
158 96.6 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.889 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061410.D

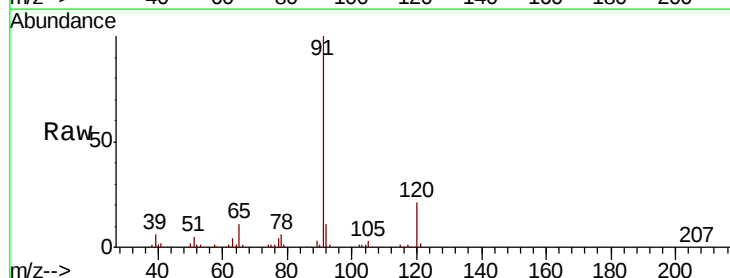
Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 144488

Ion Ratio Lower Upper

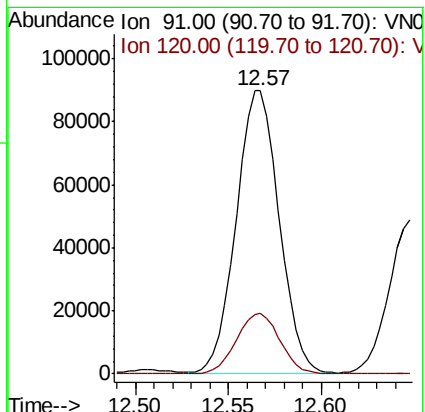
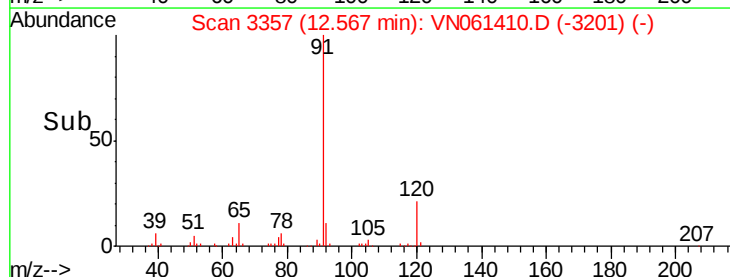
91 100

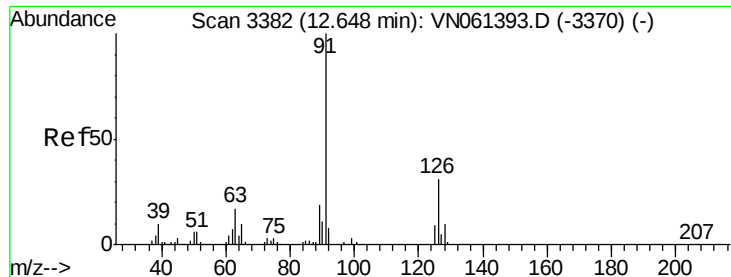
120 21.6 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.005 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

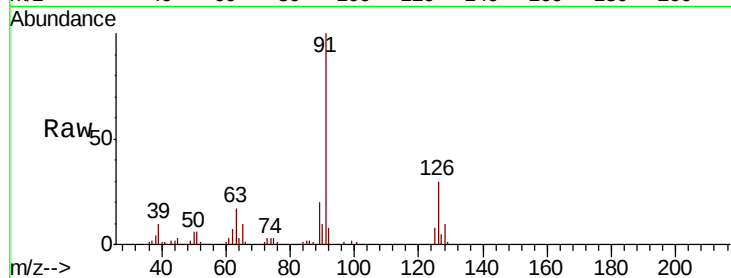
ClientSampleId :

Tot Ion: 91 Resp: 83365

Ion Ratio Lower Upper

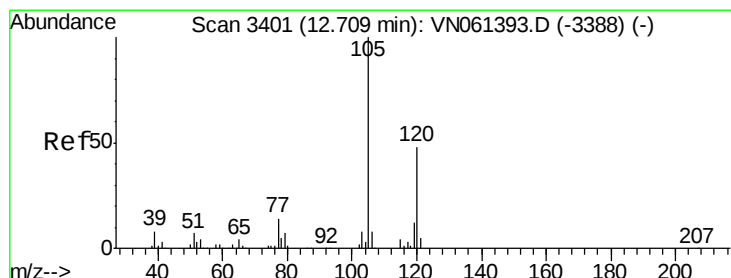
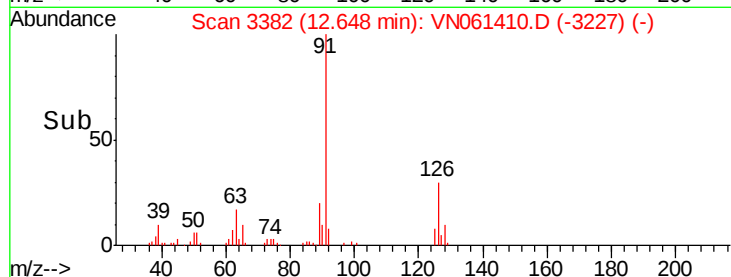
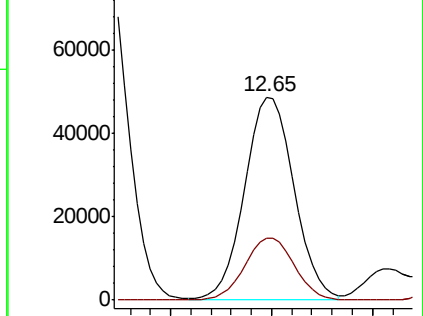
91 100

126 30.9 0.0 65.4



Abundance Ion 91.00 (90.70 to 91.70): VN061410.D (-3227) (-)

Ion 126.00 (125.70 to 126.70): VN061410.D (-3227) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.802 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061410.D

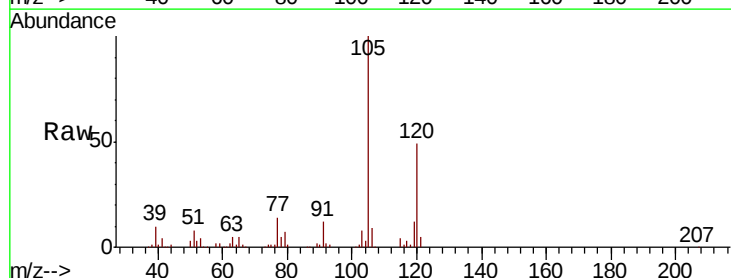
Acq: 15 May 2020 14:31

Tgt Ion: 105 Resp: 101509

Ion Ratio Lower Upper

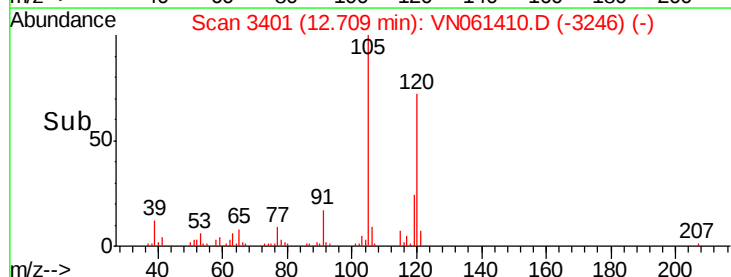
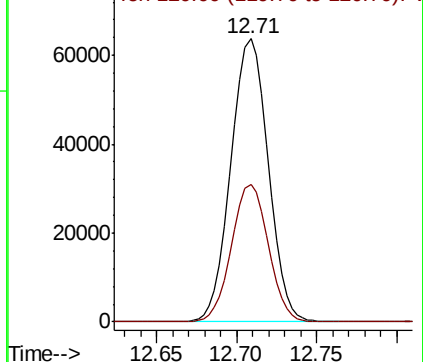
105 100

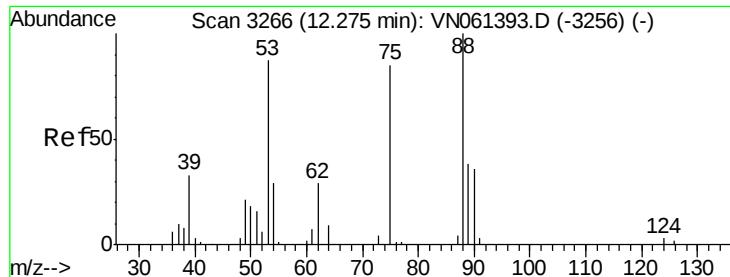
120 47.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): VN061410.D (-3246) (-)

Ion 120.00 (119.70 to 120.70): VN061410.D (-3246) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.947 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampleId :

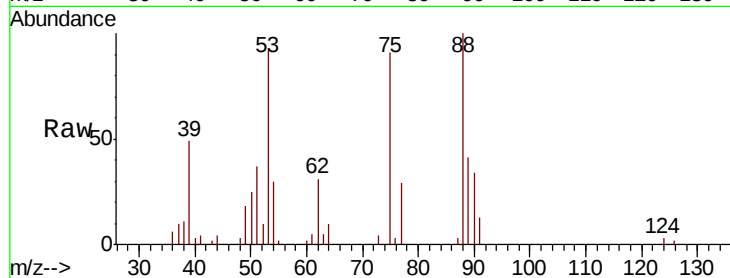
Tot Ion: 75 Resp: 12662

Ion Ratio Lower Upper

75 100

53 102.9 50.0 150.0

89 44.9 20.7 62.1

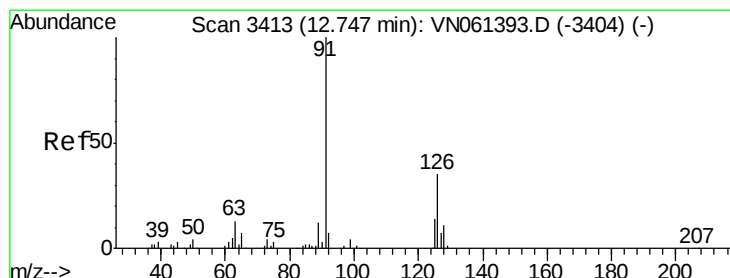
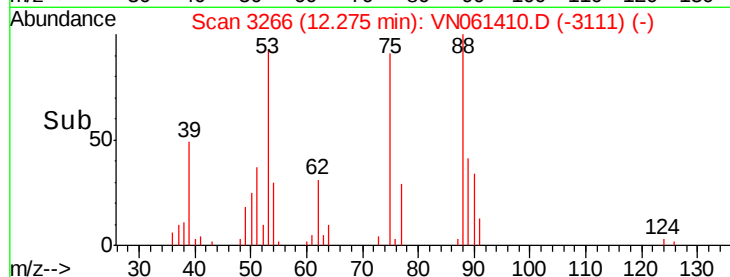


Abundance Ion 75.00 (74.70 to 75.70): VN061393.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061393.D (-3256) (-)

Ion 89.00 (88.70 to 89.70): VN061393.D (-3256) (-)

Time-->



#78

4-Chlorotoluene

Concen: 18.731 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061410.D

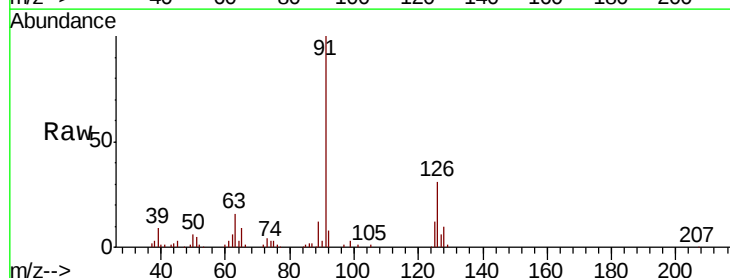
Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 86039

Ion Ratio Lower Upper

91 100

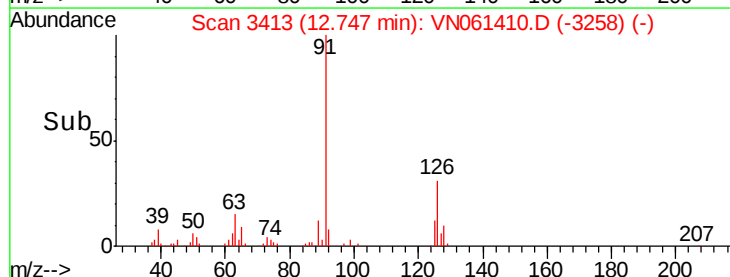
126 30.9 0.0 63.4

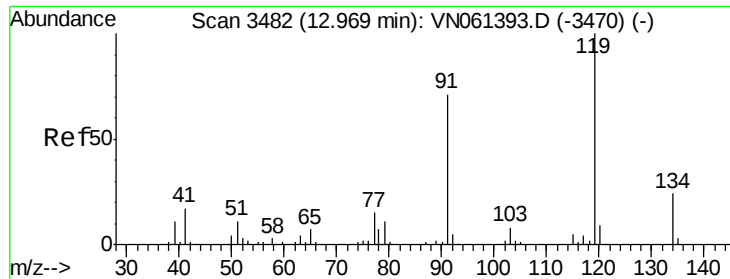


Abundance Ion 91.00 (90.70 to 91.70): VN061393.D (-3404) (-)

Ion 126.00 (125.70 to 126.70): VN061393.D (-3404) (-)

Time-->

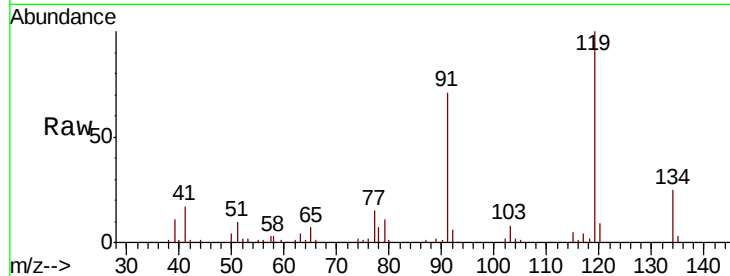




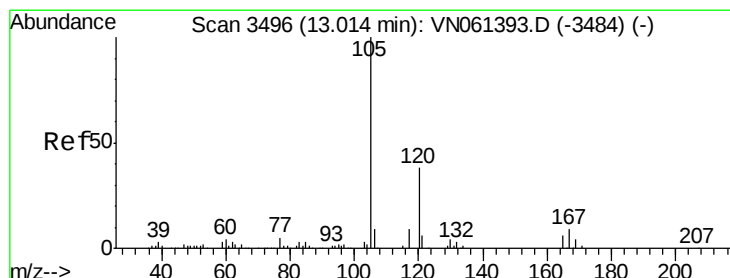
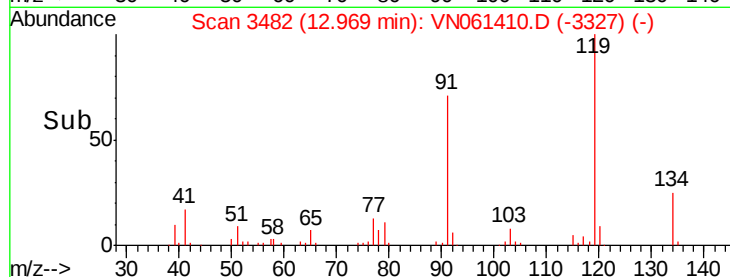
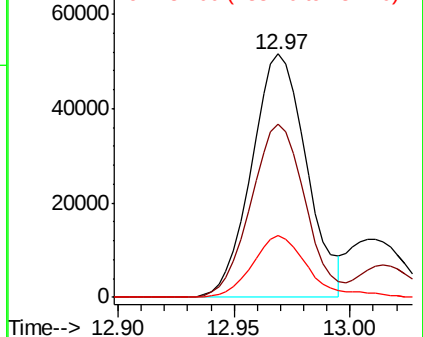
#79  
tert-butylbenzene  
Concen: 18.909 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:119 Resp: 84803  
Ion Ratio Lower Upper  
119 100  
91 70.7 0.0 136.4  
134 25.9 0.0 47.2

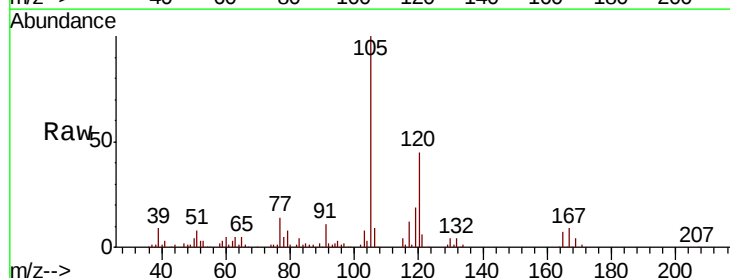


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

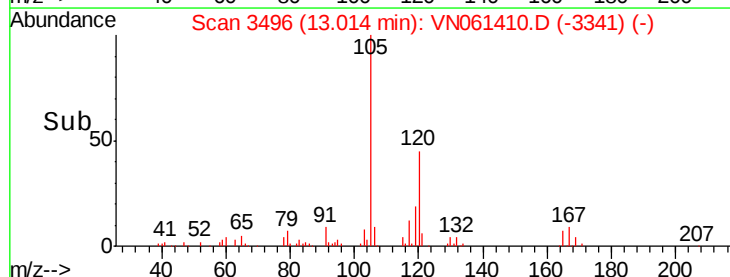
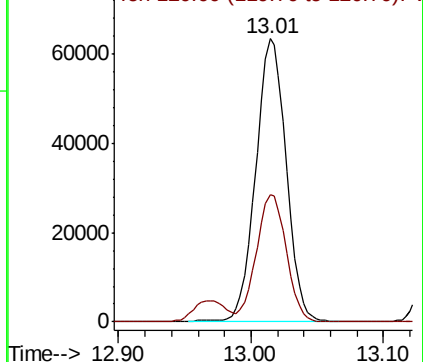


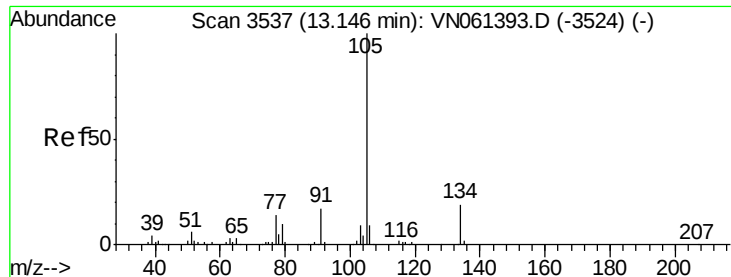
#80  
1,2,4-Trimethylbenzene  
Concen: 18.928 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. -0.00 min  
Lab File: VN061410.D  
Acq: 15 May 2020 14:31

Tgt Ion:105 Resp: 102000  
Ion Ratio Lower Upper  
105 100  
120 44.0 0.0 89.2



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





#81

sec-Butylbenzene

Concen: 19.114 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

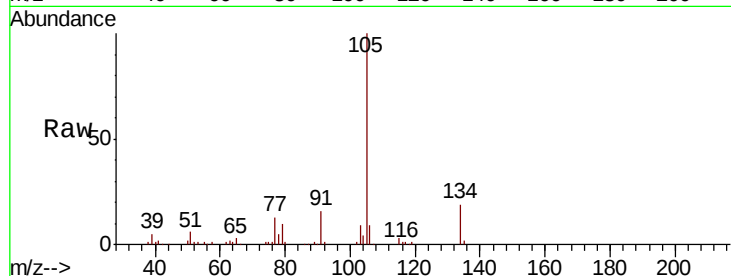
ClientSampled :

Tot Ion:105 Resp: 118095

Ion Ratio Lower Upper

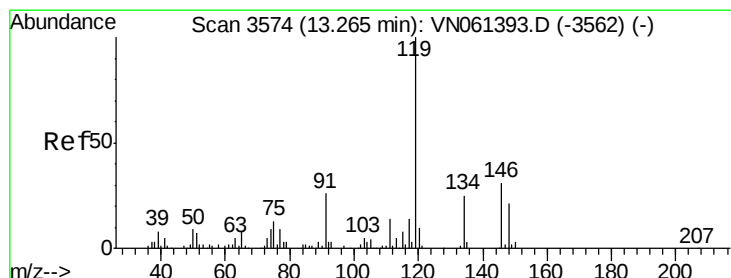
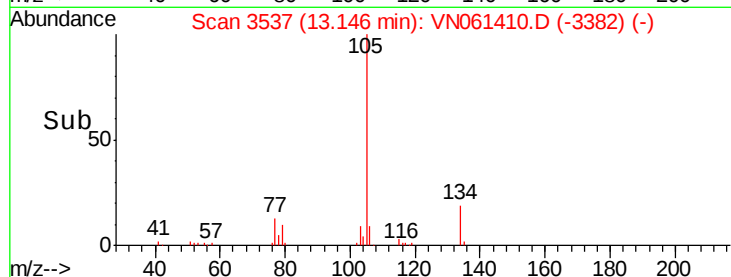
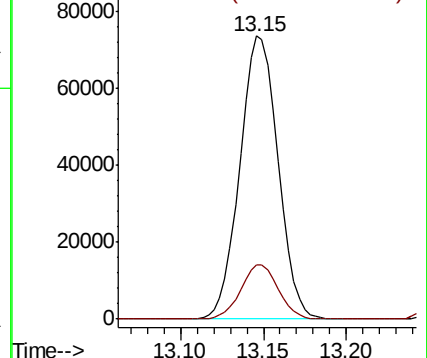
105 100

134 18.8 0.0 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.510 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

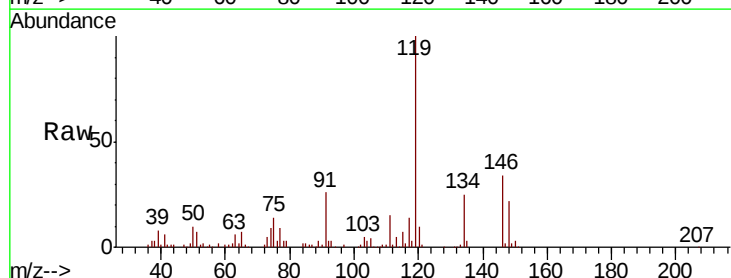
Tgt Ion:119 Resp: 102983

Ion Ratio Lower Upper

119 100

134 25.8 0.0 50.8

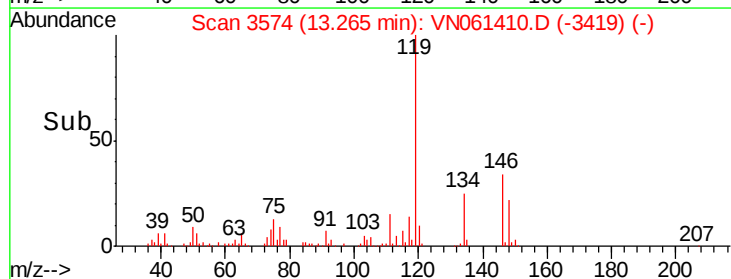
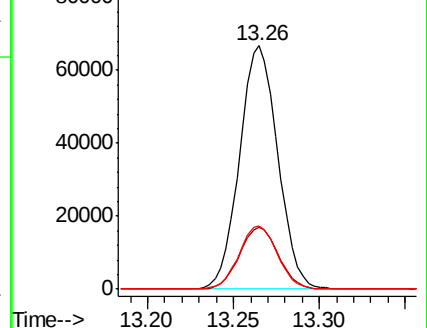
91 26.0 0.0 49.4

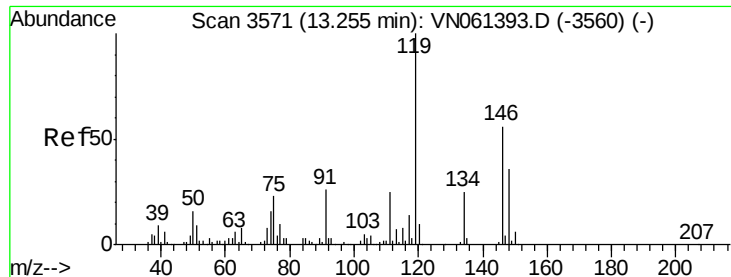


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

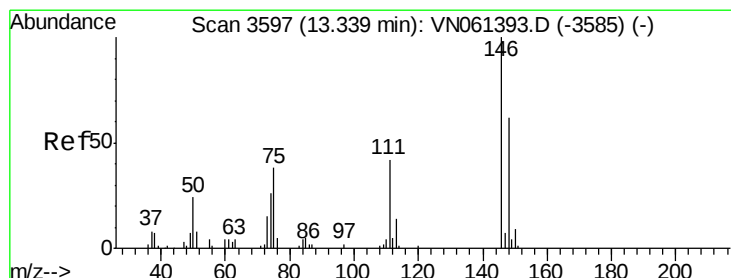
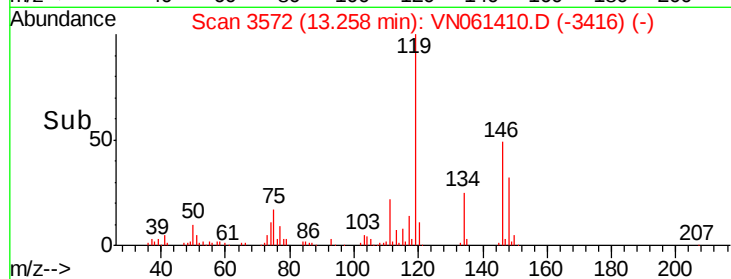
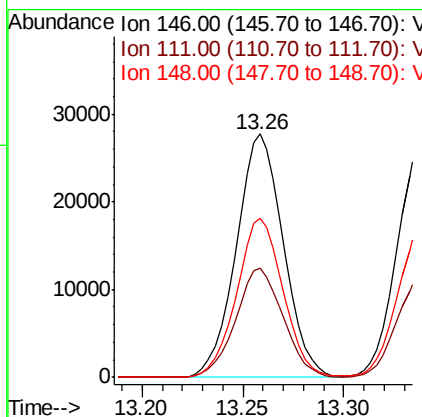
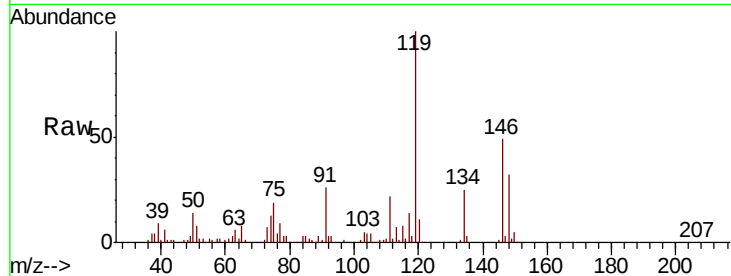




#83  
 1,3-Dichlorobenzene  
 Concen: 18.217 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

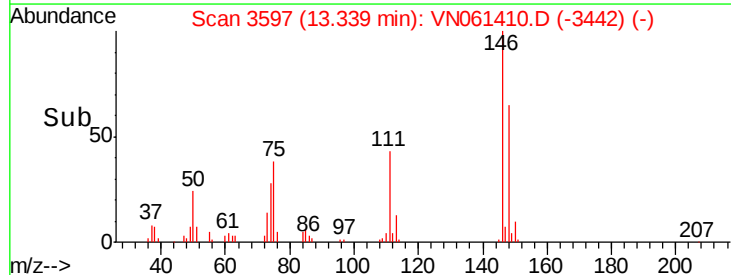
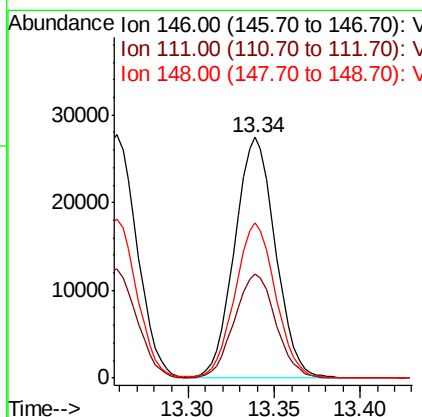
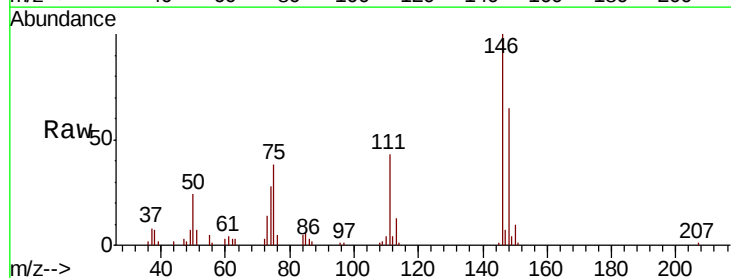
Instrument :  
 MSVOA\_N  
 ClientSampleId :

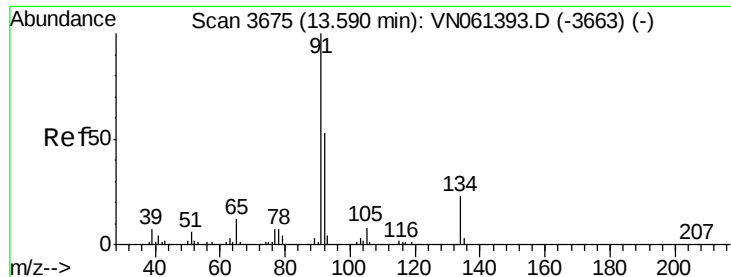
Tot Ion:146 Resp: 45243  
 Ion Ratio Lower Upper  
 146 100  
 111 45.2 21.0 63.0  
 148 64.5 31.7 95.1



#84  
 1,4-Dichlorobenzene  
 Concen: 18.380 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion:146 Resp: 45178  
 Ion Ratio Lower Upper  
 146 100  
 111 43.8 19.8 59.4  
 148 64.2 31.6 94.8





#85

n-Butylbenzene

Concen: 18.899 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampled :

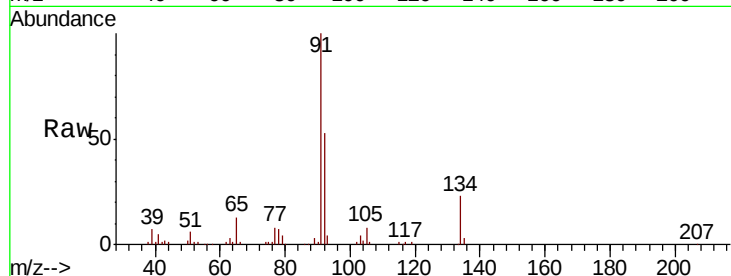
Tot Ion: 91 Resp: 97344

Ion Ratio Lower Upper

91 100

92 52.4 0.0 102.8

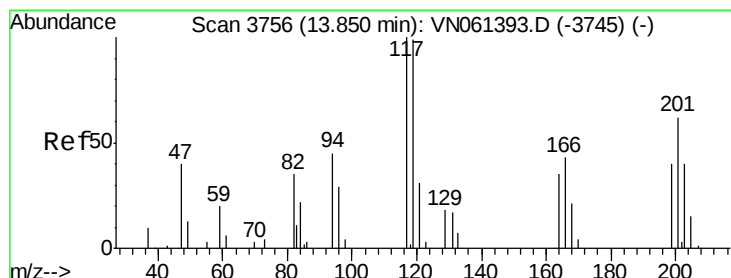
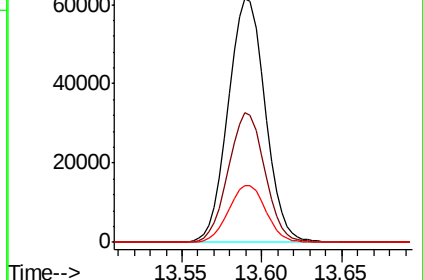
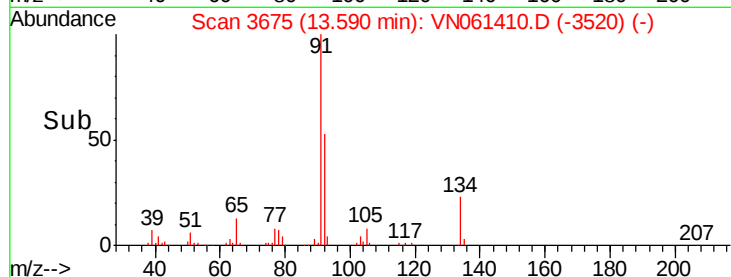
134 23.5 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN061410.D (-3520) (-)

Ion 92.00 (91.70 to 92.70): VN061410.D (-3520) (-)

Ion 134.00 (133.70 to 134.70): VN061410.D (-3520) (-)



#86

Hexachloroethane

Concen: 17.988 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061410.D

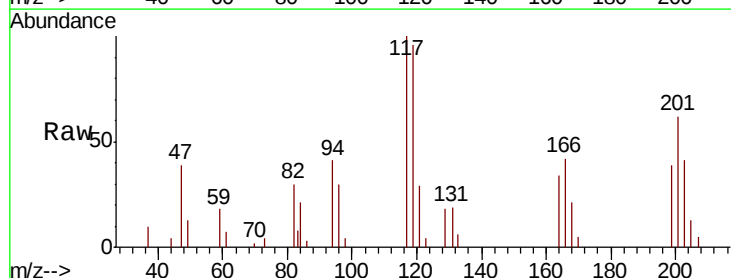
Acq: 15 May 2020 14:31

Tgt Ion: 117 Resp: 13951

Ion Ratio Lower Upper

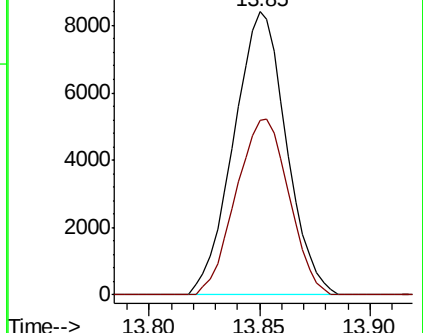
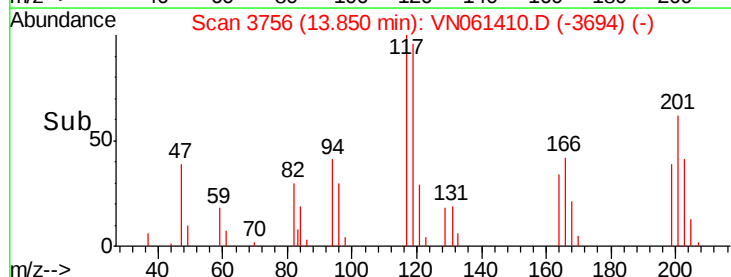
117 100

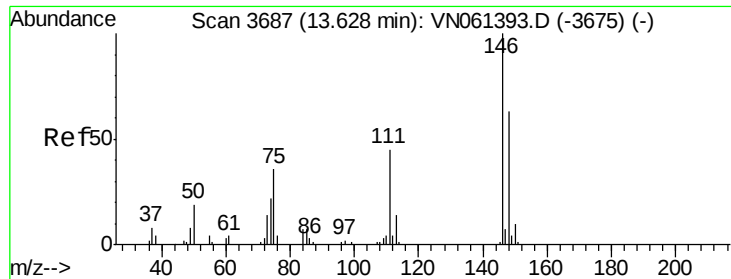
201 62.3 38.7 116.1



Abundance Ion 117.00 (116.70 to 117.70): VN061410.D (-3694) (-)

Ion 201.00 (200.70 to 201.70): VN061410.D (-3694) (-)

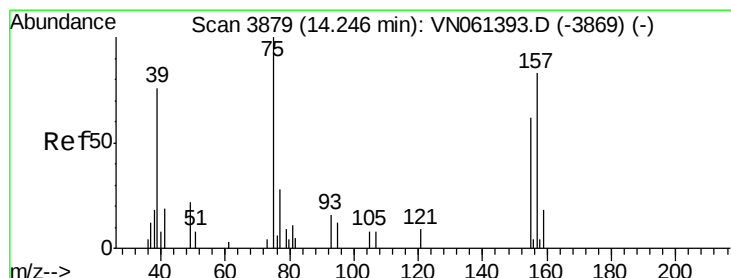
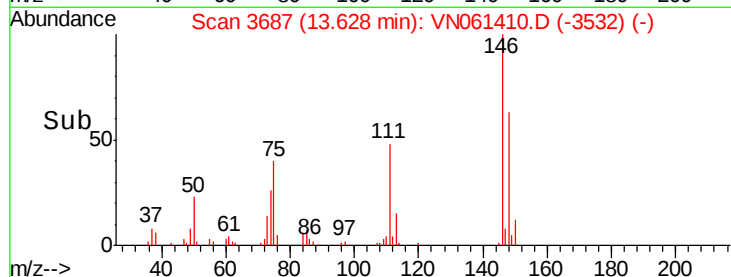
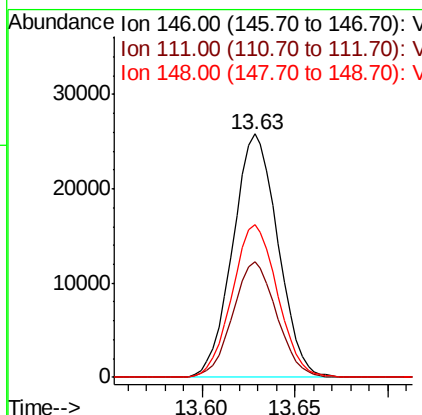
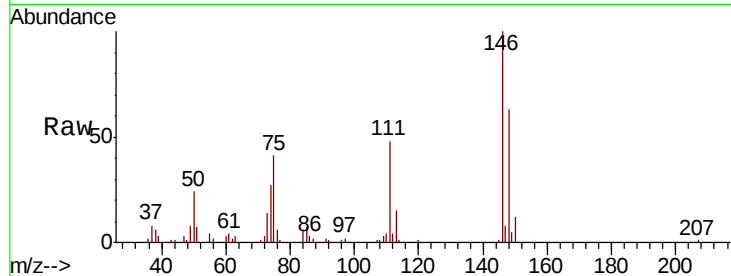




#87  
 1,2-Dichlorobenzene  
 Concen: 18.501 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

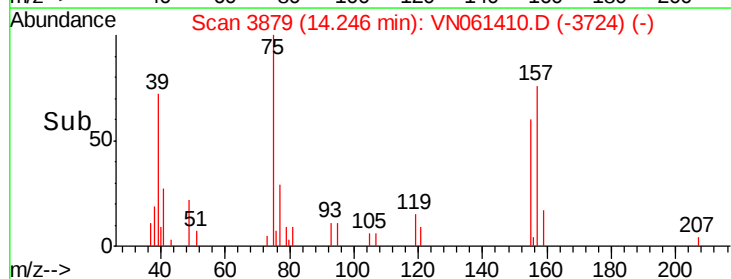
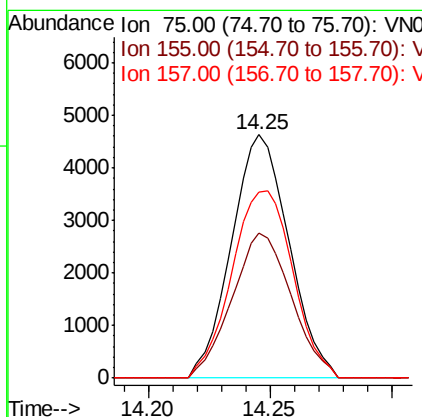
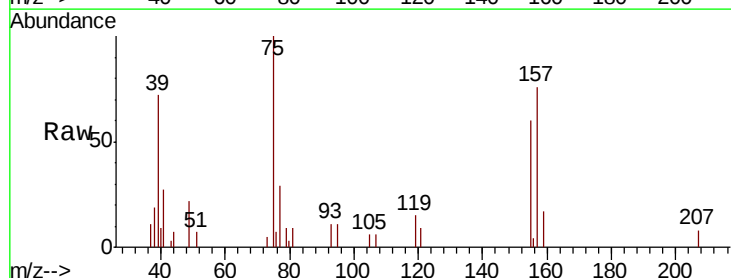
Instrument :  
 MSVOA\_N  
 ClientSampleId :

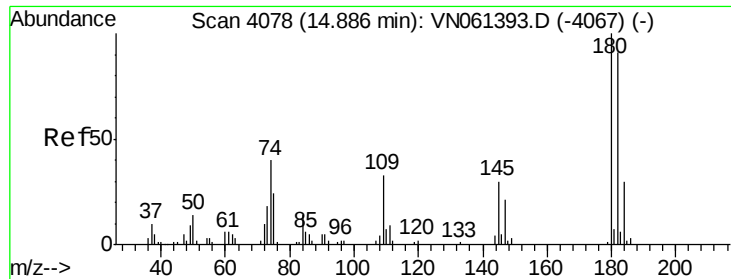
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 46.2  | 21.8  | 65.4  |
| 148     | 63.0  | 32.1  | 96.5  |



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.960 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 61.7  | 58.3  | 87.5  |
| 157     | 81.8  | 75.0  | 112.6 |

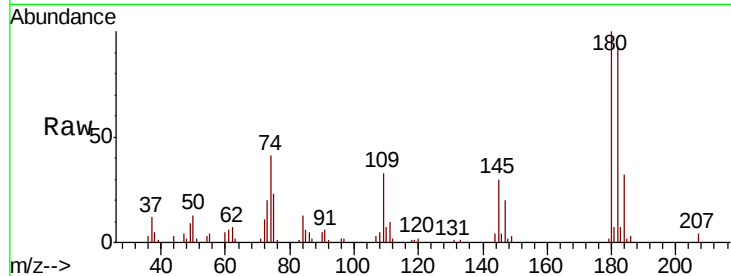




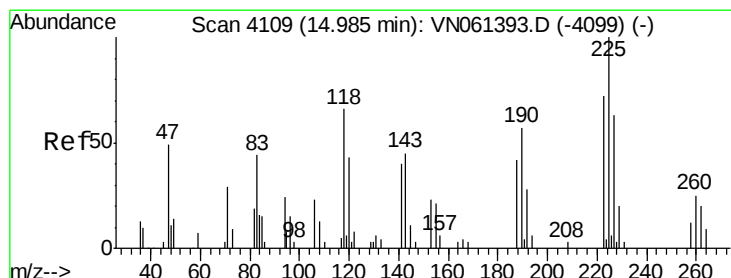
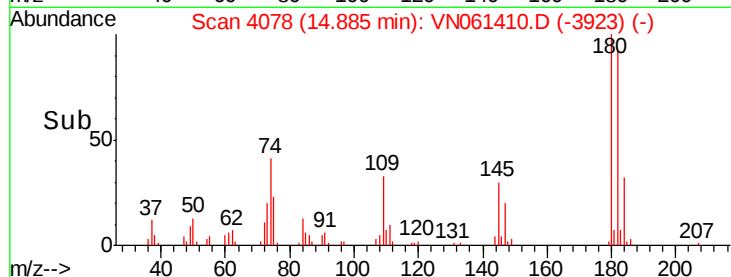
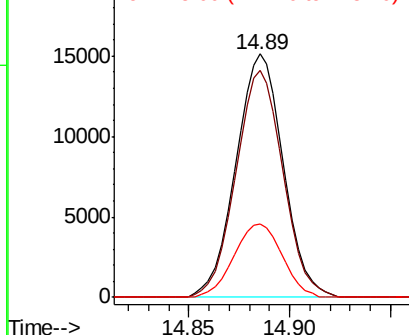
#89  
 1,2,4-Trichlorobenzene  
 Concen: 18.376 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:180 Resp: 24872  
 Ion Ratio Lower Upper  
 180 100  
 182 92.7 75.3 112.9  
 145 30.7 24.8 37.2

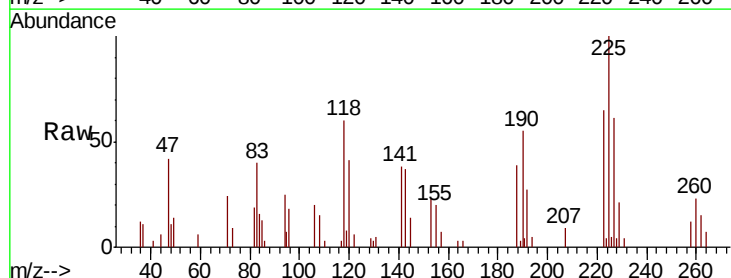


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

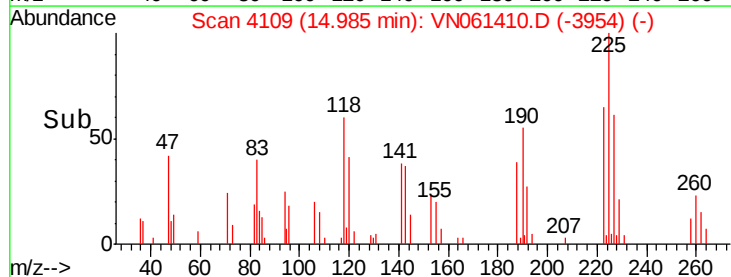
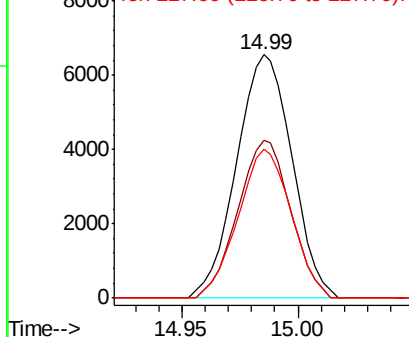


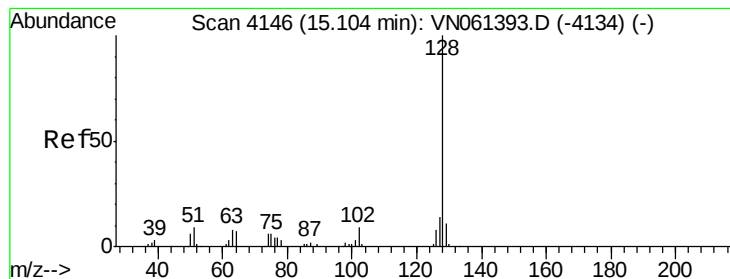
#90  
 Hexachlorobutadiene  
 Concen: 19.732 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. -0.00 min  
 Lab File: VN061410.D  
 Acq: 15 May 2020 14:31

Tgt Ion:225 Resp: 10880  
 Ion Ratio Lower Upper  
 225 100  
 223 61.7 0.0 126.2  
 227 58.5 0.0 127.0



Abundance Ion 225.00 (224.70 to 225.70): V  
 Ion 223.00 (222.70 to 223.70): V  
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.077 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA\_N

ClientSampled :

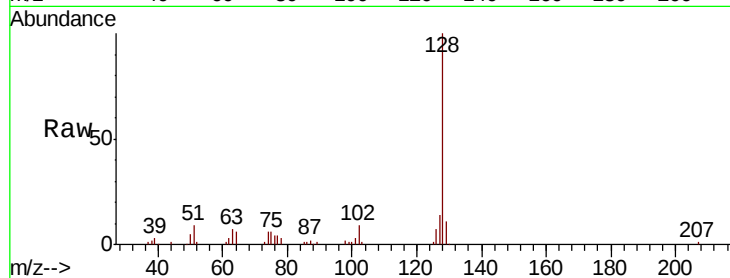
Tot Ion:128 Resp: 76961

Ion Ratio Lower Upper

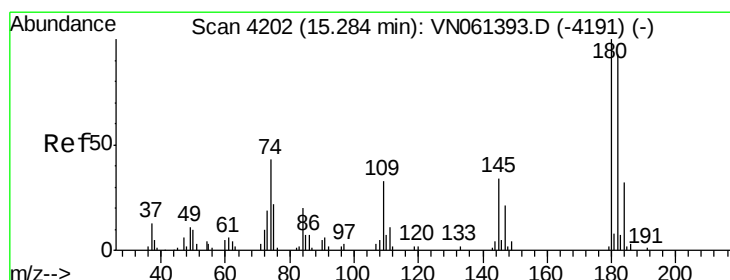
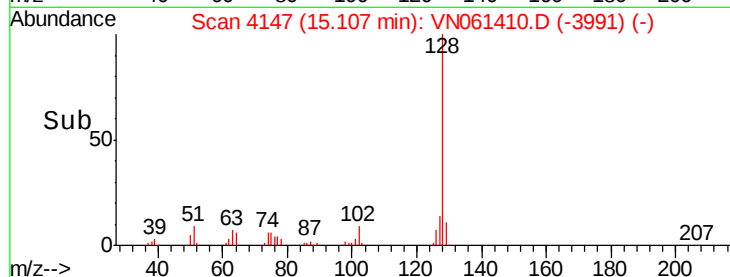
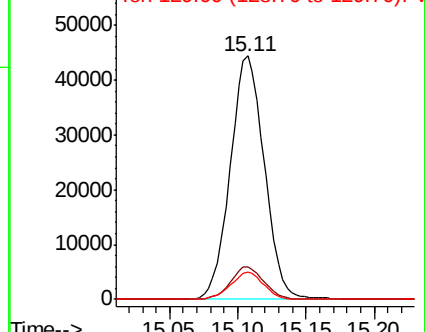
128 100

127 13.1 10.2 15.2

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.321 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

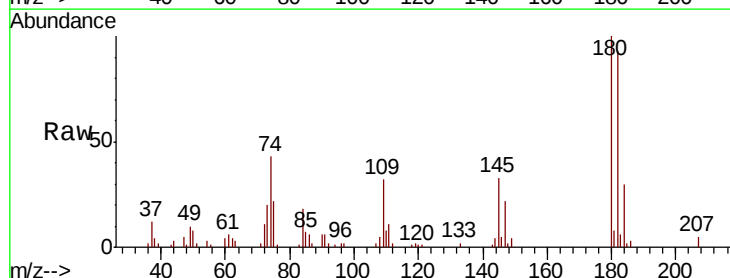
Tgt Ion:180 Resp: 24085

Ion Ratio Lower Upper

180 100

182 94.1 0.0 193.4

145 34.5 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V  
Ion 182.00 (181.70 to 182.70): V  
Ion 145.00 (144.70 to 145.70): V

