

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\  
 Data File : VN064783.D  
 Acq On : 23 Nov 2020 14:20  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

Quant Time: Nov 24 03:21:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 205822   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 312186   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 284258   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 143819   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   |        | 7.99  | 65       | 112466   | 47.00 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 94.00%  |          |
| 35) Dibromofluoromethane    |        | 7.55  | 113      | 91489    | 48.98 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 97.96%  |          |
| 50) Toluene-d8              |        | 10.06 | 98       | 378203   | 49.55 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 99.10%  |          |
| 62) 4-Bromofluorobenzene    |        | 12.38 | 95       | 138173   | 50.58 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 101.16% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 85695    | 48.041  | ug/l  | 99     |
| 3) Chloromethane              | 2.04 | 50   | 108254   | 46.700  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.16 | 62   | 115087   | 47.621  | ug/l  | 97     |
| 5) Bromomethane               | 2.53 | 94   | 77612    | 48.948  | ug/l  | 97     |
| 6) Chloroethane               | 2.67 | 64   | 70793    | 47.360  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 158514   | 47.449  | ug/l  | 96     |
| 8) Diethyl Ether              | 3.37 | 74   | 63484    | 48.143  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101  | 98764    | 49.282  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.90 | 142  | 128229   | 49.330  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.75 | 59   | 94743    | 253.890 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.69 | 96   | 94881    | 47.539  | ug/l  | 96     |
| 13) Acrolein                  | 3.56 | 56   | 58236    | 255.493 | ug/l  | 97     |
| 14) Allyl chloride            | 4.27 | 41   | 158670   | 48.201  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.94 | 53   | 261880   | 254.036 | ug/l  | 100    |
| 16) Acetone                   | 3.78 | 43   | 179086   | 227.675 | ug/l  | 97     |
| 17) Carbon Disulfide          | 4.00 | 76   | 252894   | 49.075  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.28 | 43   | 118362   | 50.049  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73   | 330140   | 51.575  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.50 | 84   | 113627   | 46.100  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96   | 106195   | 47.913  | ug/l  | 97     |
| 22) Diisopropyl ether         | 5.91 | 45   | 334107   | 50.708  | ug/l  | 99     |
| 23) Vinyl Acetate             | 5.85 | 43   | 1385772  | 263.006 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63   | 193700   | 49.191  | ug/l  | 99     |
| 25) 2-Butanone                | 6.79 | 43   | 324898   | 254.803 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77   | 170429   | 49.903  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 122109   | 48.961  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.15 | 49   | 85511    | 47.469  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 7.17 | 42   | 224712   | 255.300 | ug/l  | 99     |
| 30) Chloroform                | 7.33 | 83   | 199114   | 49.034  | ug/l  | 100    |
| 31) Cyclohexane               | 7.61 | 56   | 161717   | 48.491  | ug/l  | 93     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 172634   | 49.498  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 149446   | 51.646  | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.88 | 43   | 142321   | 51.059  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 155829   | 51.756  | ug/l  | 99     |

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Instrument :  
 MSVOA\_N  
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Quant Time: Nov 24 03:21:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 163698   | 52.551   | ug/l   | 99       |
| 40) Benzene                    | 8.00  | 78   | 449196   | 50.658   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.12  | 41   | 55990    | 43.533   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 148422   | 49.618   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 234548   | 52.294   | ug/l # | 92       |
| 44) Trichloroethene            | 8.80  | 130  | 129806   | 49.615   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 119675   | 52.116   | ug/l   | 97       |
| 46) Dibromomethane             | 9.17  | 93   | 78927    | 51.449   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 158242   | 51.265   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.17  | 41   | 113690   | 53.047   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 43354    | 1070.289 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 715106   | 265.574  | ug/l   | 99       |
| 52) Toluene                    | 10.13 | 92   | 283957   | 52.000   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 179335   | 52.162   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 194922   | 52.894   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 110654   | 49.278   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 168878   | 54.499   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 187921   | 50.732   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 461927   | 271.001  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 520858   | 268.777  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 127908   | 51.244   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 119682   | 52.460   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 134184   | 48.520   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.41 | 112  | 311698   | 51.062   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 116432   | 51.900   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 541253   | 53.076   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.60 | 106  | 421053   | 109.054  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 200420   | 54.702   | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 340302   | 55.019   | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 91880    | 51.278   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.22 | 105  | 527980   | 52.779   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 209249   | 53.152   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 147360   | 50.258   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 217847   | 70.335   | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 132755   | 49.224   | ug/l   | 97       |
| 78) n-propylbenzene            | 12.57 | 91   | 610432   | 53.565   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 357216   | 50.709   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 449280   | 54.033   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 58891    | 52.113   | ug/l # | 86       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 385385   | 52.193   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 375258   | 53.842   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 456178   | 54.262   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.14 | 105  | 496884   | 53.696   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 473095   | 56.155   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 242976   | 50.709   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 245563   | 48.460   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 400425   | 54.122   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 78541    | 53.664   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 234822   | 49.911   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 31895    | 48.345   | ug/l   | 97       |

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Sample : VSTDICV050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN112320

Quant Time: Nov 24 03:21:19 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 23 13:54:12 2020  
Response via : Initial Calibration

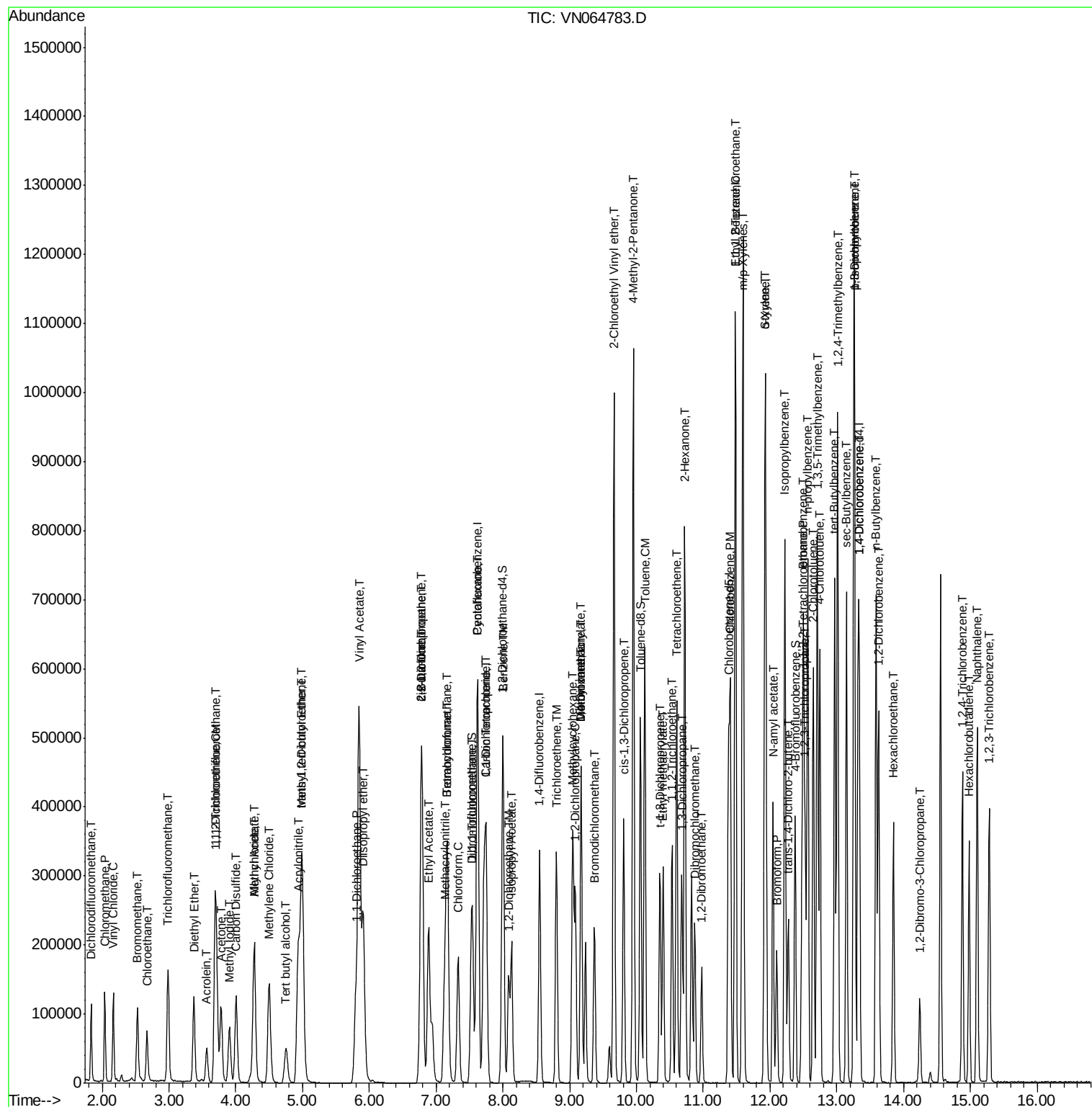
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 148227   | 50.929 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 68341    | 52.128 | ug/l  | 100      |
| 95) Naphthalene            | 15.10 | 128  | 448288   | 51.413 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 140877   | 50.909 | ug/l  | 99       |

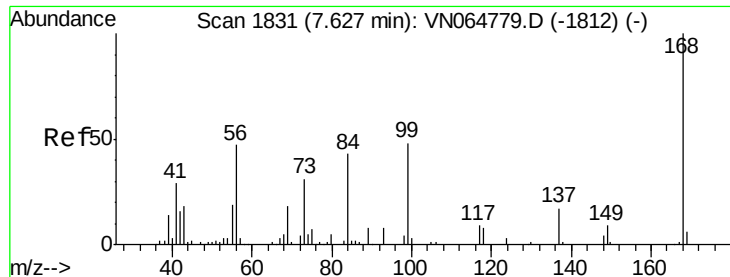
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

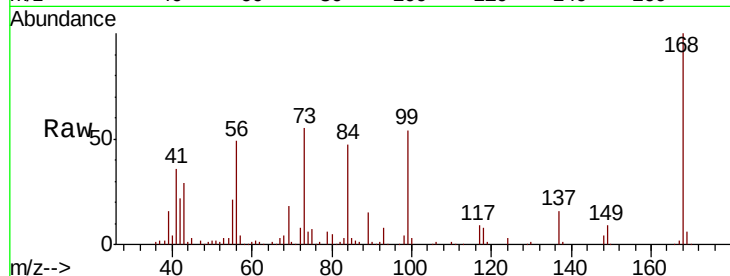
ICVFN112320

Tot Ion:168 Resp: 205822

Ion Ratio Lower Upper

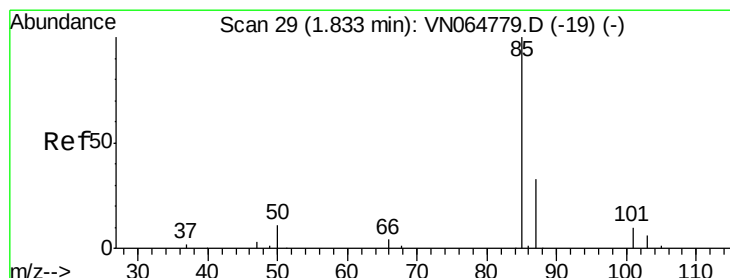
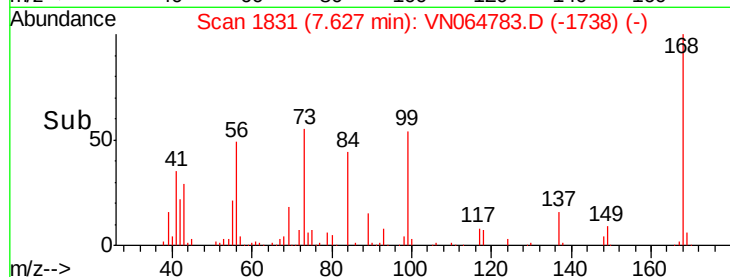
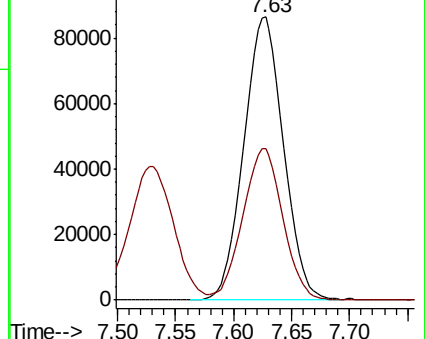
168 100

99 53.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.041 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064783.D

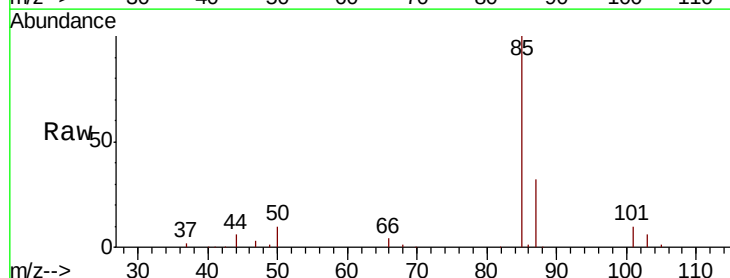
Acq: 23 Nov 2020 14:20

Tgt Ion: 85 Resp: 85695

Ion Ratio Lower Upper

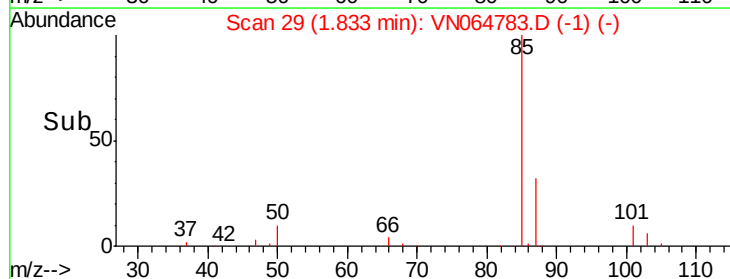
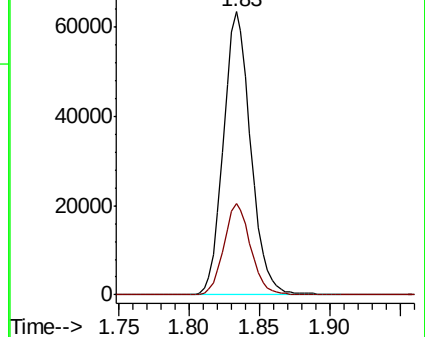
85 100

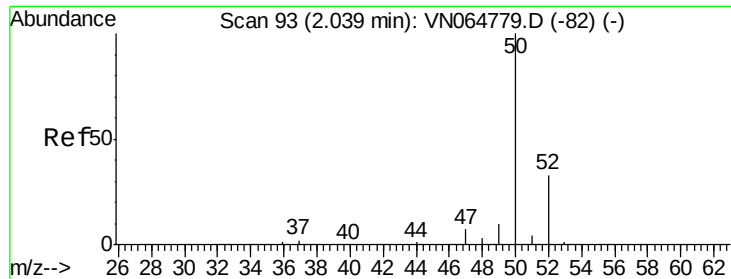
87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.700 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

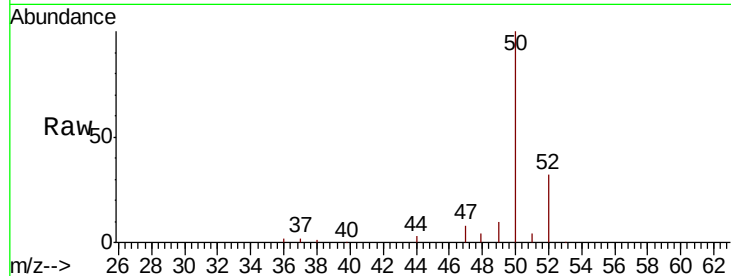
ICVVN112320

Tot Ion: 50 Resp: 108254

Ion Ratio Lower Upper

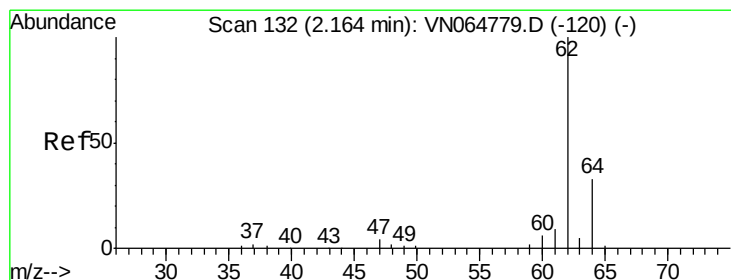
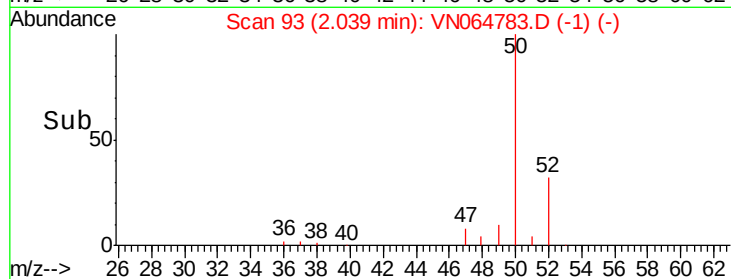
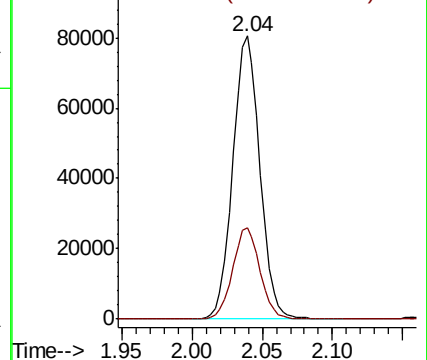
50 100

52 32.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 47.621 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064783.D

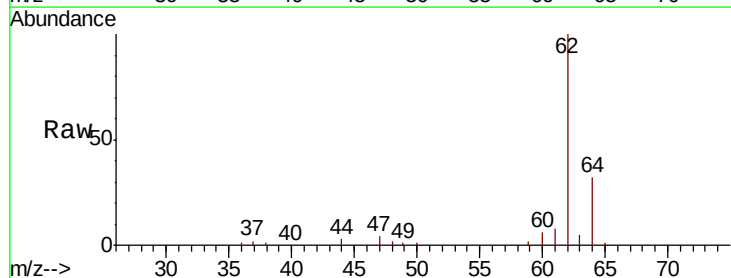
Acq: 23 Nov 2020 14:20

Tgt Ion: 62 Resp: 115087

Ion Ratio Lower Upper

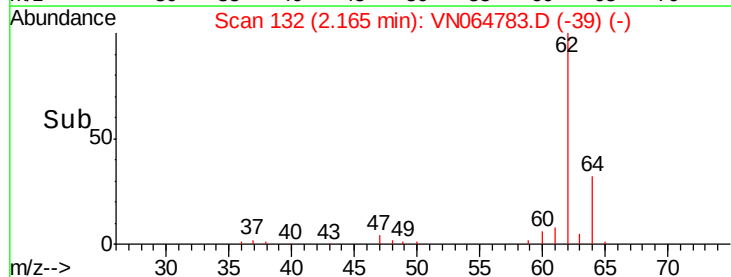
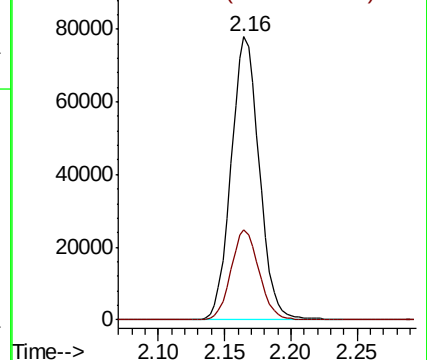
62 100

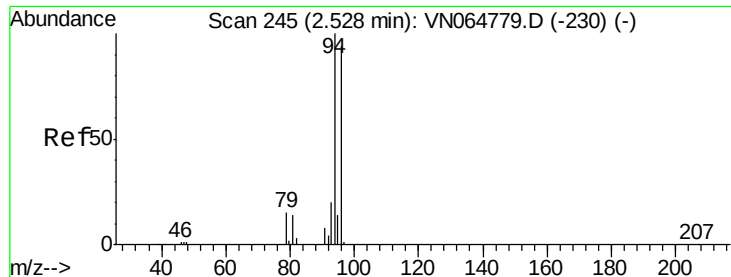
64 31.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 48.948 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

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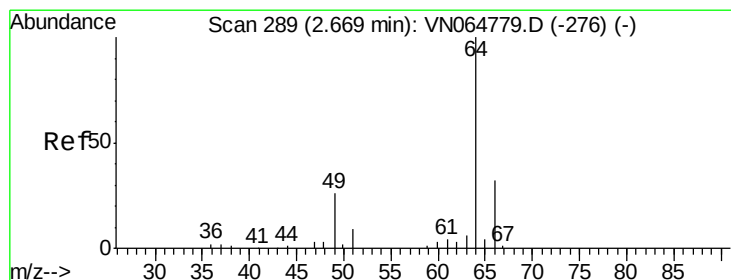
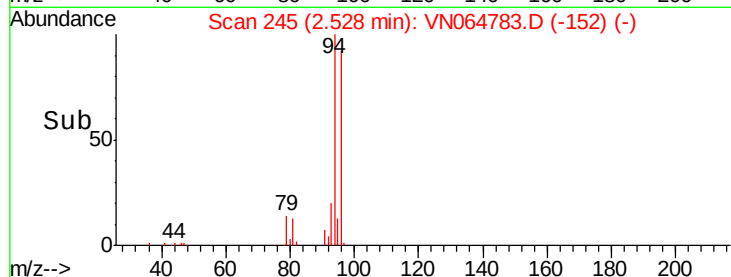
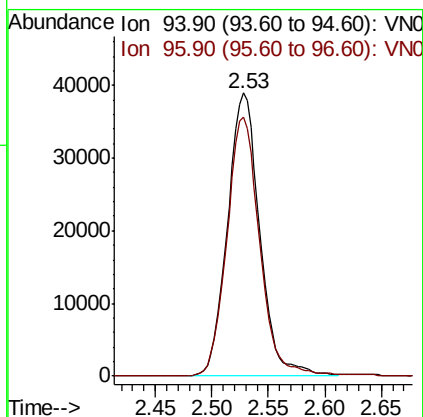
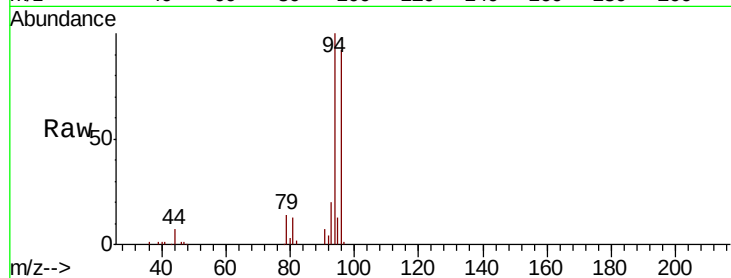
ICVFN112320

Tot Ion: 94 Resp: 77612

Ion Ratio Lower Upper

94 100

96 91.5 75.4 113.0



#6

Chloroethane

Concen: 47.360 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064783.D

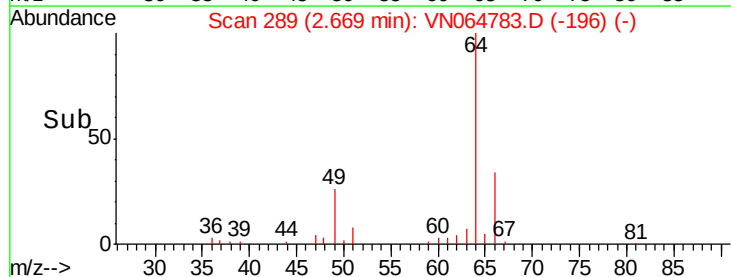
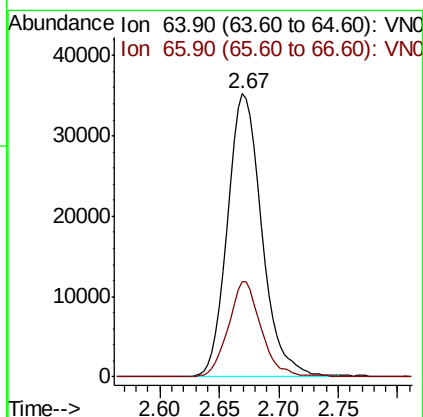
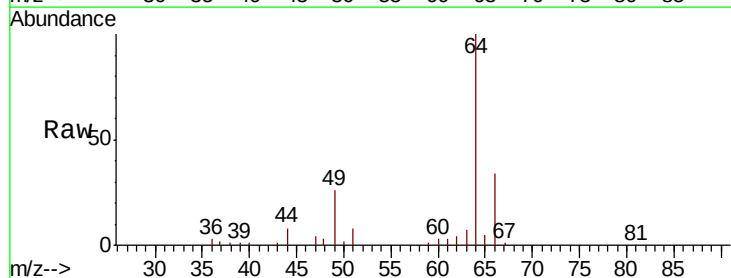
Acq: 23 Nov 2020 14:20

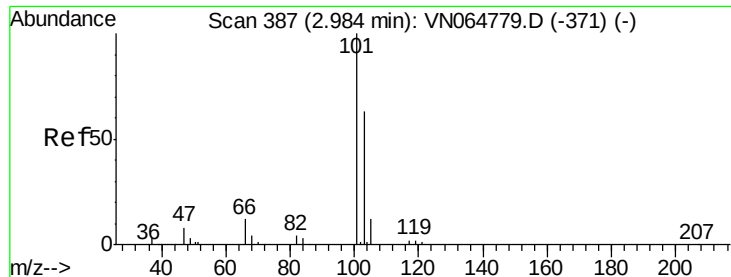
Tgt Ion: 64 Resp: 70793

Ion Ratio Lower Upper

64 100

66 33.5 25.6 38.4



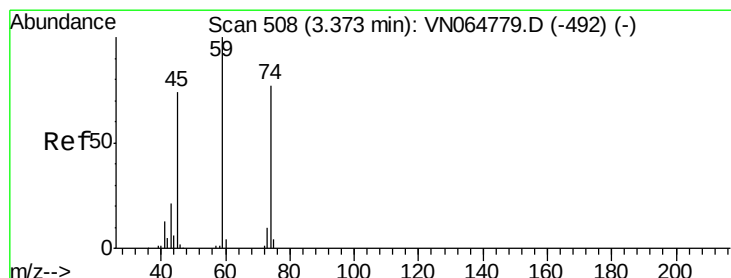
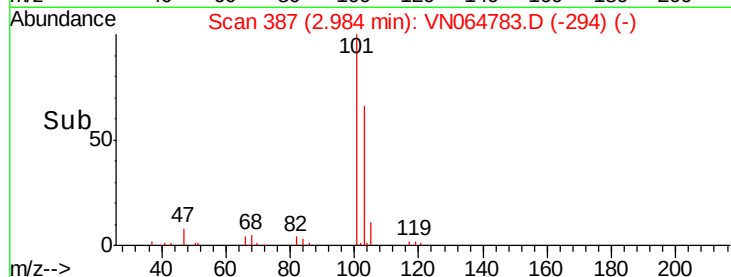
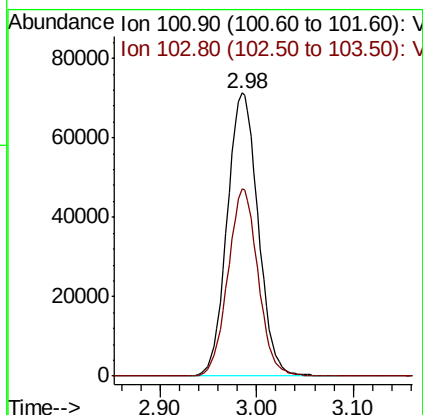
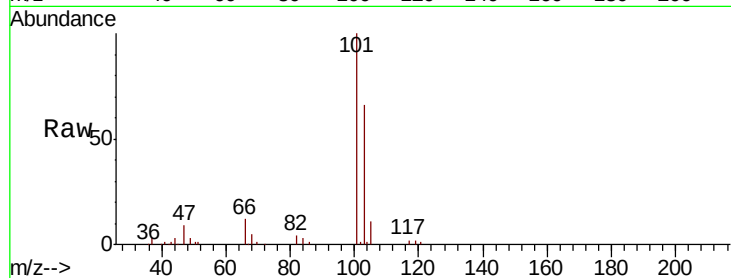


#7

Trichlorofluoromethane  
 Concen: 47.449 ug/l  
 RT: 2.98 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

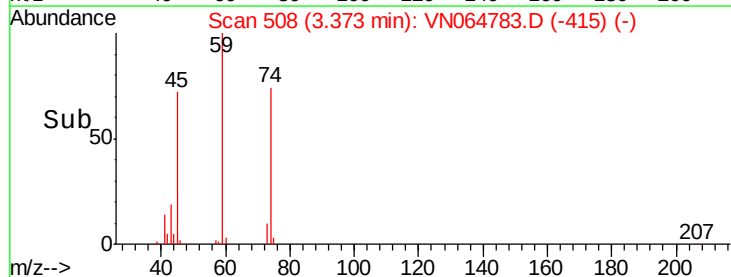
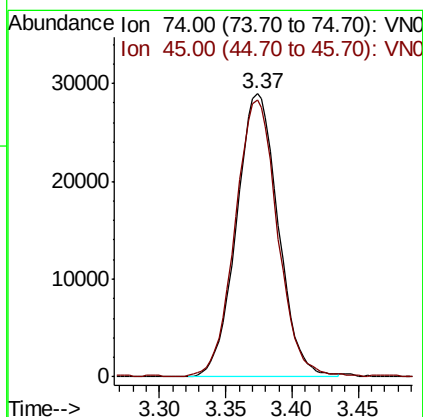
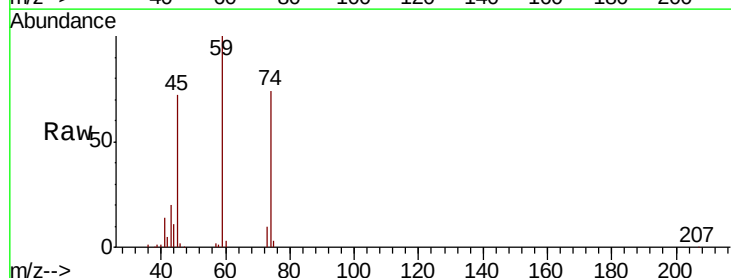
Tot Ion:101 Resp: 158514  
 Ion Ratio Lower Upper  
 101 100  
 103 66.1 50.5 75.7



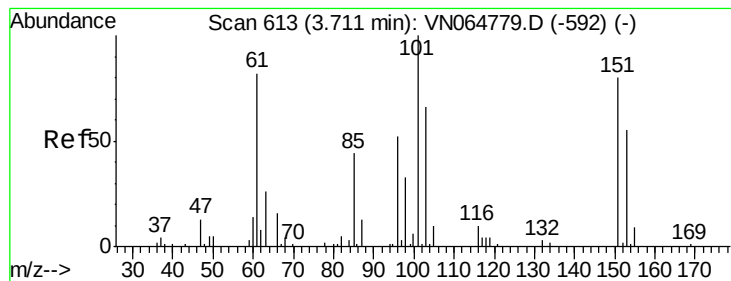
#8

Diethyl Ether  
 Concen: 48.143 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion: 74 Resp: 63484  
 Ion Ratio Lower Upper  
 74 100  
 45 99.6 48.9 146.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.282 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

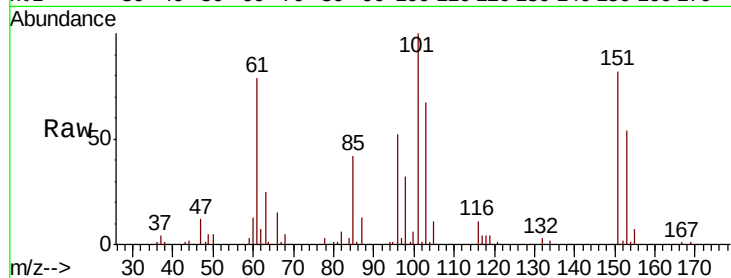
Tot Ion:101 Resp: 98764

Ion Ratio Lower Upper

101 100

85 41.7 34.4 51.6

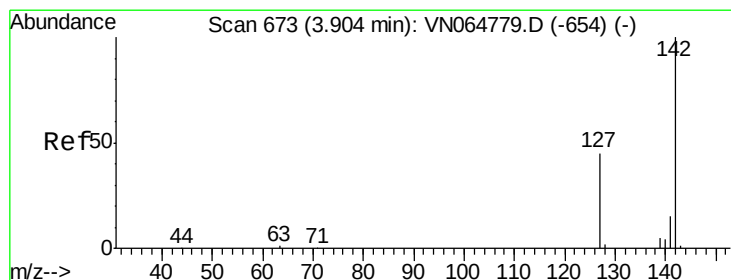
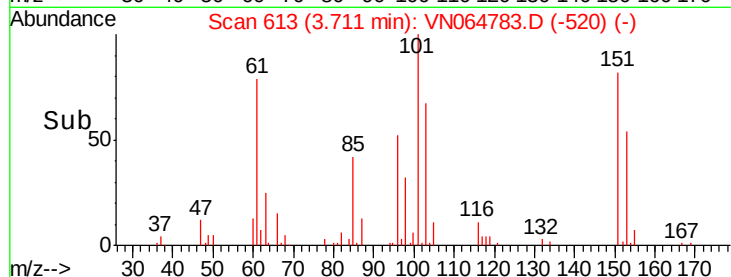
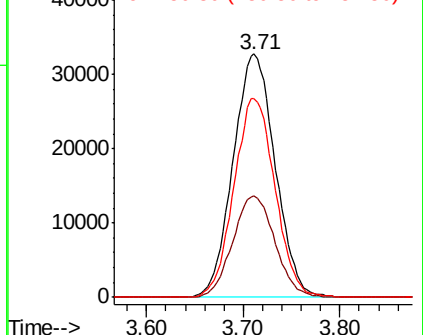
151 80.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.330 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

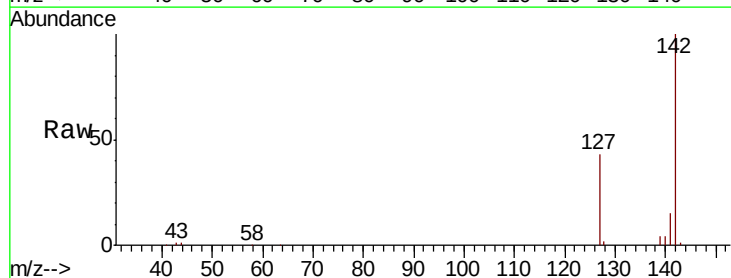
Tgt Ion:142 Resp: 128229

Ion Ratio Lower Upper

142 100

127 42.4 35.0 52.6

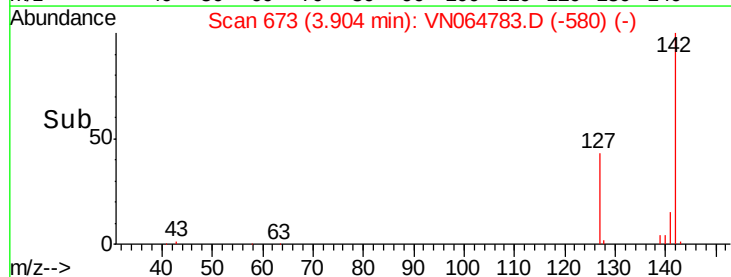
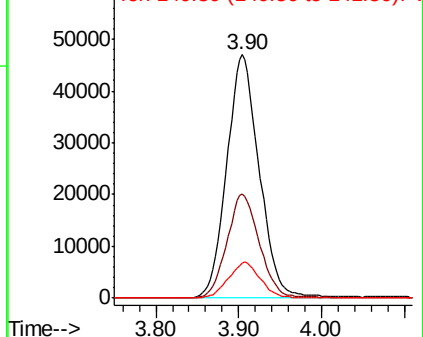
141 14.5 11.8 17.6

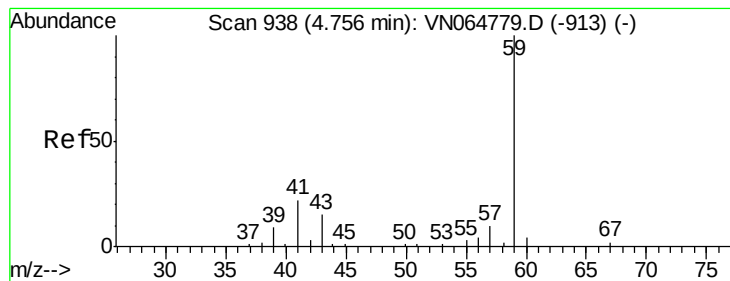


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 253.890 ug/l

RT: 4.75 min Scan# 937

Delta R.T. -0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

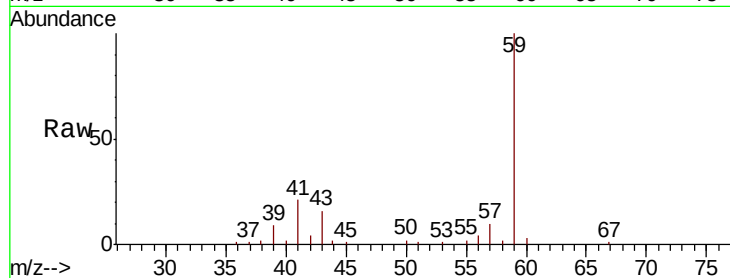
ICVFN112320

Tot Ion: 59 Resp: 94743

Ion Ratio Lower Upper

59 100

57 9.7 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

30000

25000

20000

15000

10000

5000

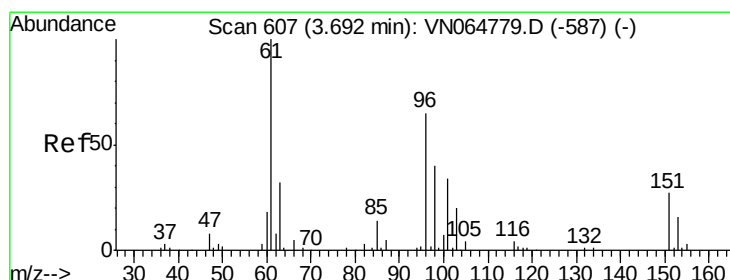
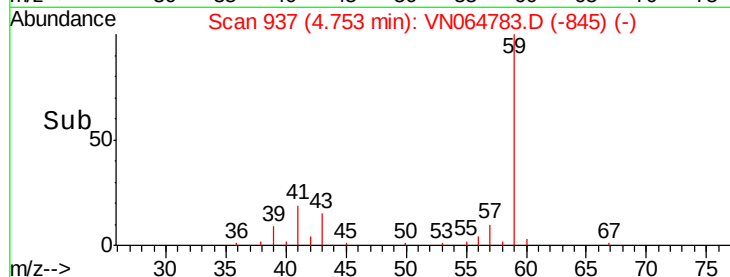
0

4.60

4.70

4.80

Time-->



#12

1,1-Dichloroethene

Concen: 47.539 ug/l

RT: 3.69 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

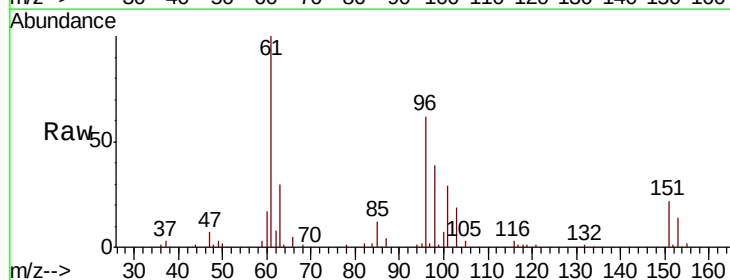
Tgt Ion: 96 Resp: 94881

Ion Ratio Lower Upper

96 100

61 161.8 123.4 185.2

98 63.1 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

80000

60000

40000

20000

0

3.60

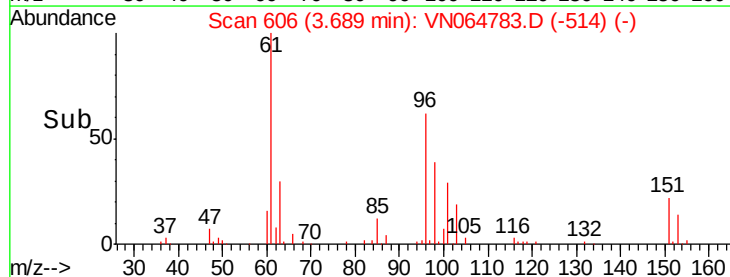
3.65

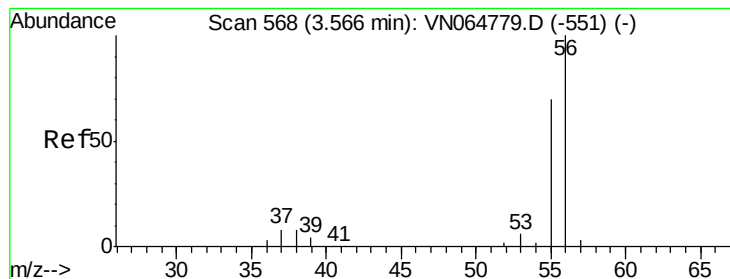
3.70

3.75

3.80

Time-->





#13

Acrolein

Concen: 255.493 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

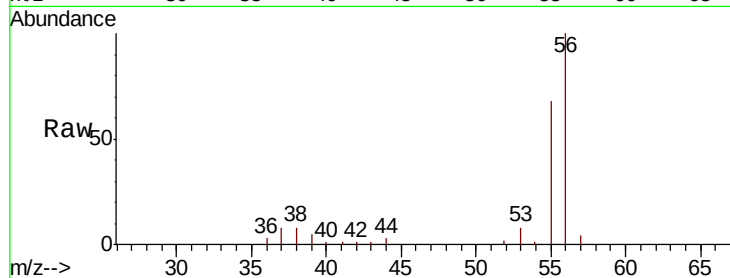
ICVFN112320

Tot Ion: 56 Resp: 58236

Ion Ratio Lower Upper

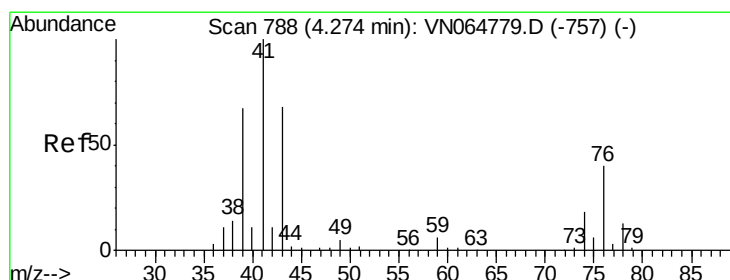
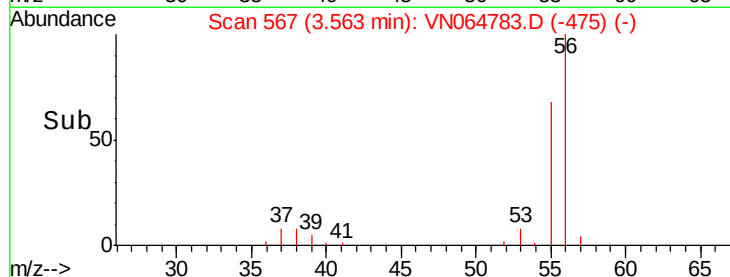
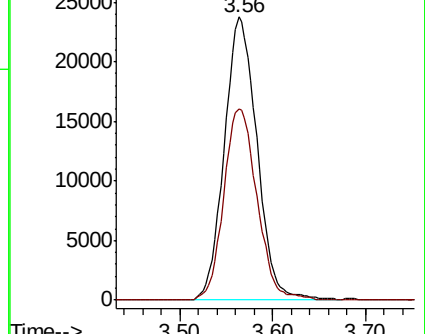
56 100

55 68.5 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.201 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

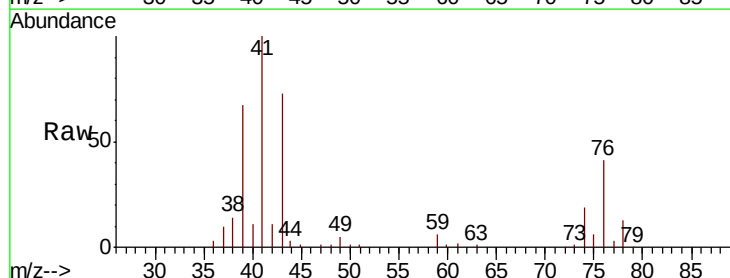
Tgt Ion: 41 Resp: 158670

Ion Ratio Lower Upper

41 100

39 63.9 50.9 76.3

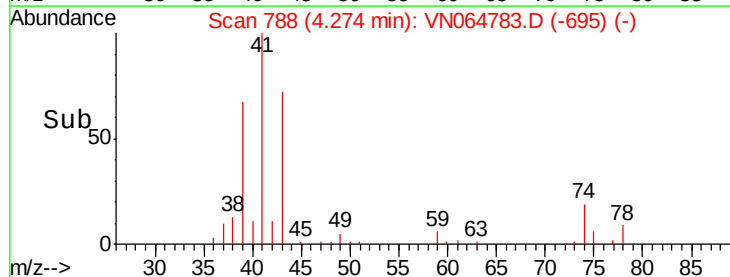
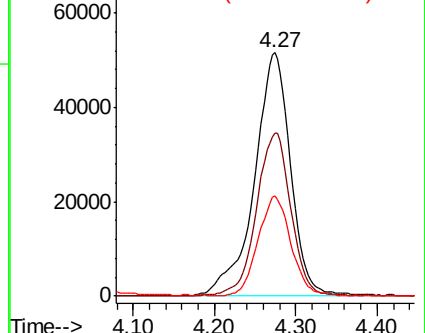
76 37.5 29.0 43.4

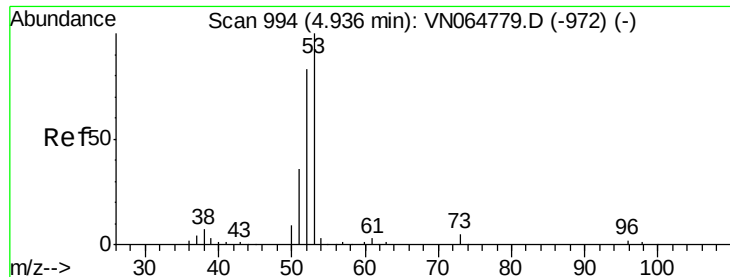


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 254.036 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampled :

ICVVN112320

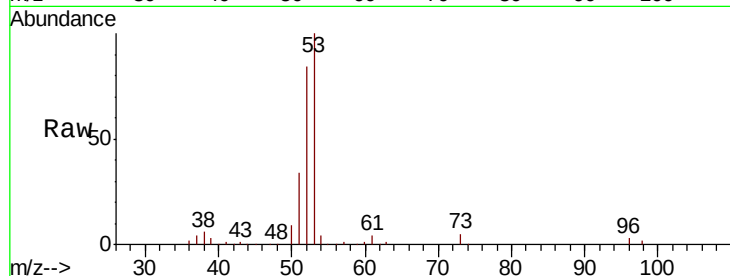
Tot Ion: 53 Resp: 261880

Ion Ratio Lower Upper

53 100

52 82.2 65.5 98.3

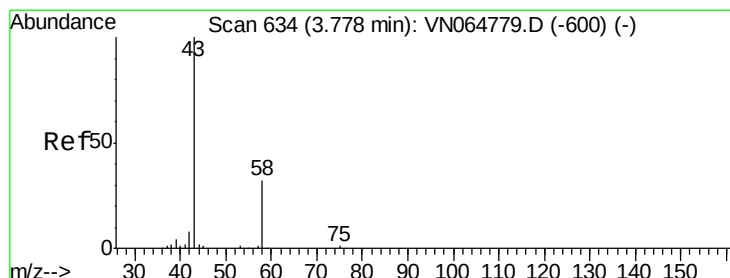
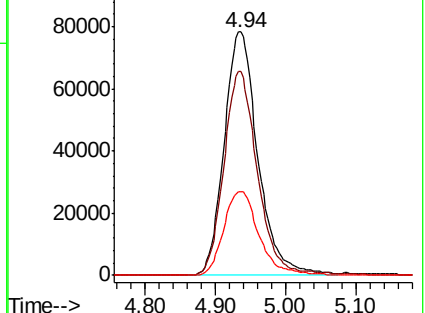
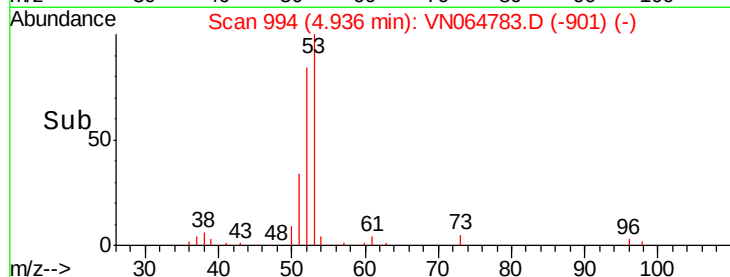
51 36.1 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064783.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064783.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064783.D (-901) (-)



#16

Acetone

Concen: 227.675 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064783.D

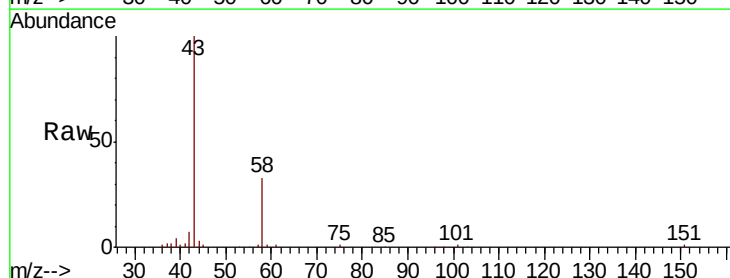
Acq: 23 Nov 2020 14:20

Tgt Ion: 43 Resp: 179086

Ion Ratio Lower Upper

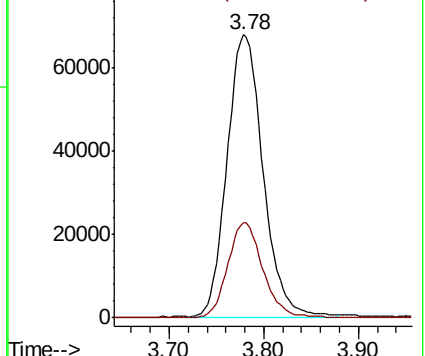
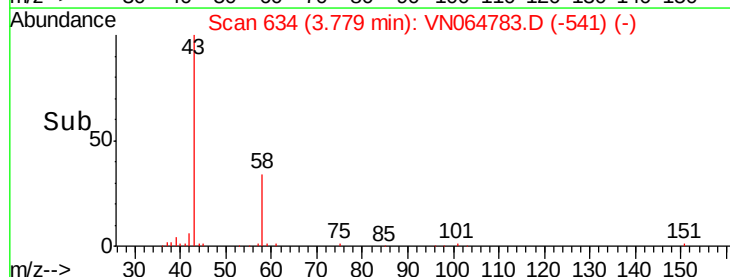
43 100

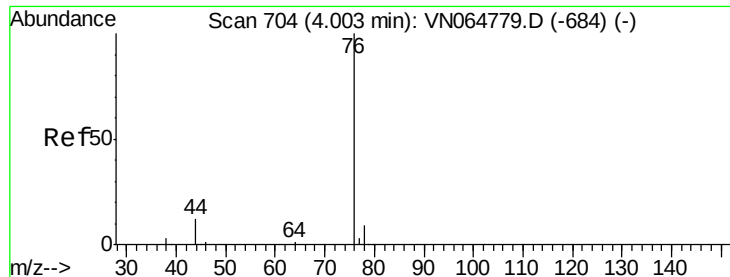
58 33.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064783.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064783.D (-541) (-)





#17

Carbon Disulfide

Concen: 49.075 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

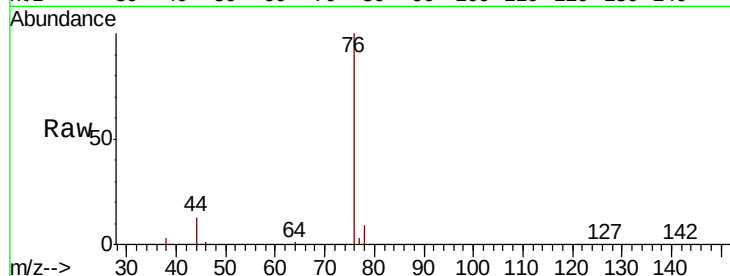
ICVVN112320

Tot Ion: 76 Resp: 252894

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-684) (-)

4.00

100000

80000

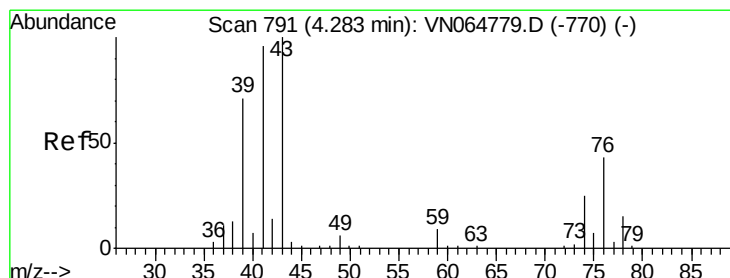
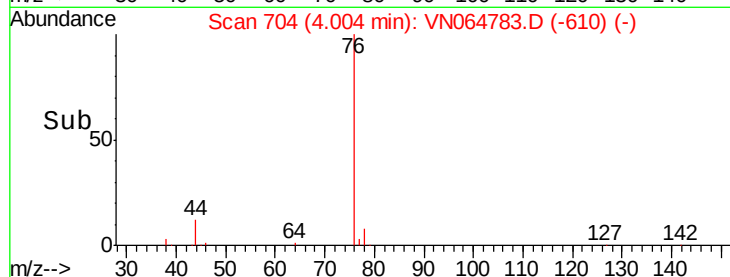
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.049 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064783.D

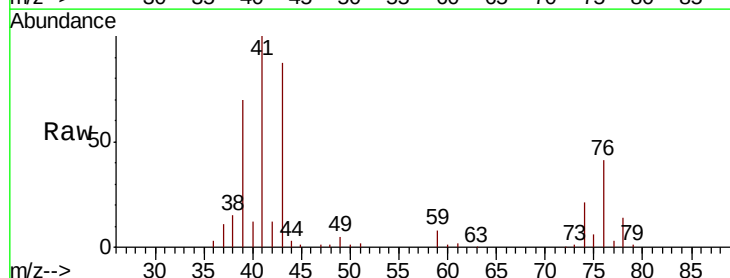
Acq: 23 Nov 2020 14:20

Tgt Ion: 43 Resp: 118362

Ion Ratio Lower Upper

43 100

74 24.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN064779.D (-770) (-)

4.28

40000

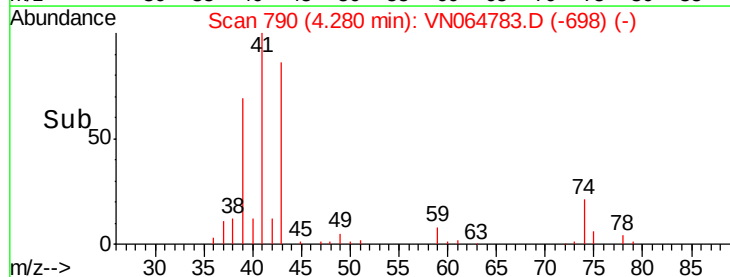
30000

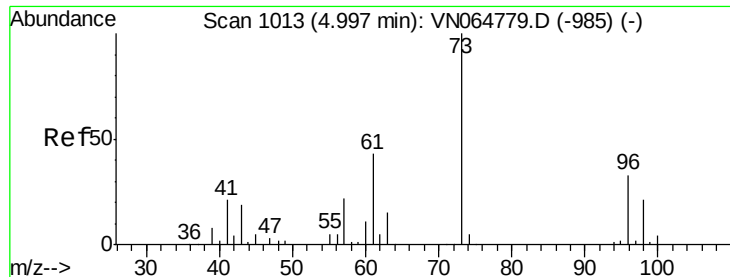
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 51.575 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

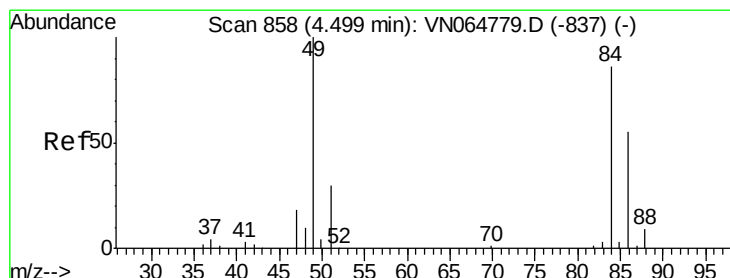
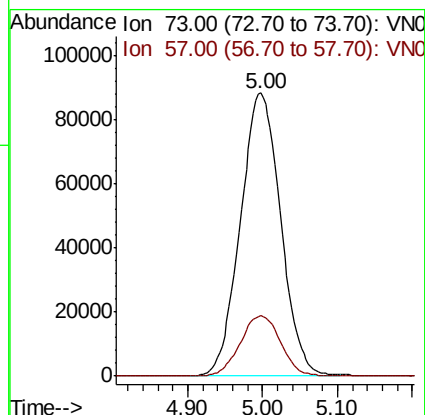
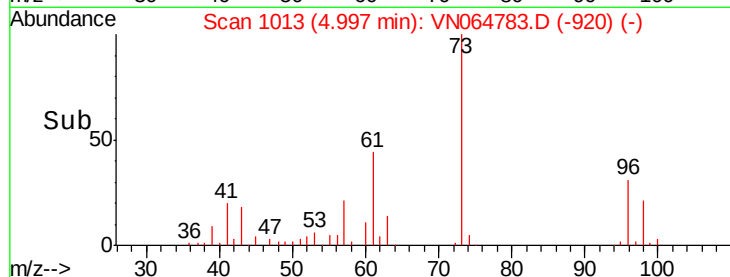
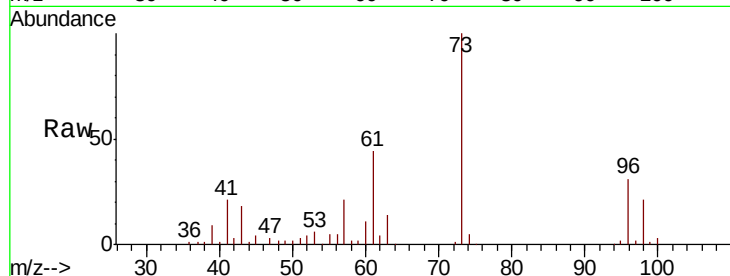
ICVFN112320

Tot Ion: 73 Resp: 330140

Ion Ratio Lower Upper

73 100

57 21.3 17.4 26.0



#20

Methylene Chloride

Concen: 46.100 ug/l

RT: 4.50 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Tgt Ion: 84 Resp: 113627

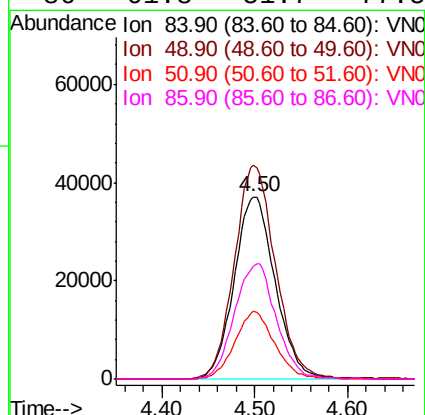
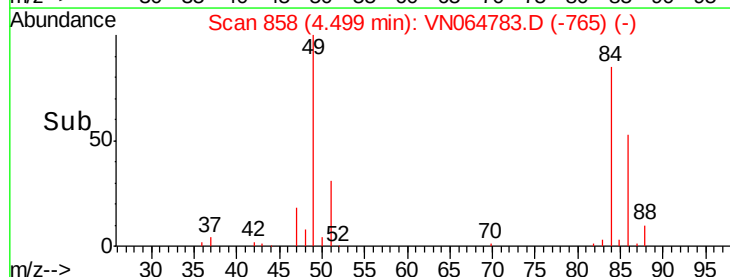
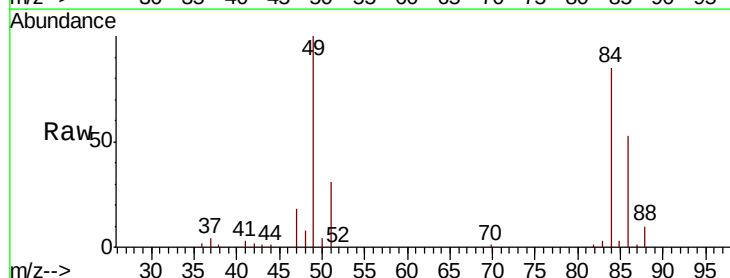
Ion Ratio Lower Upper

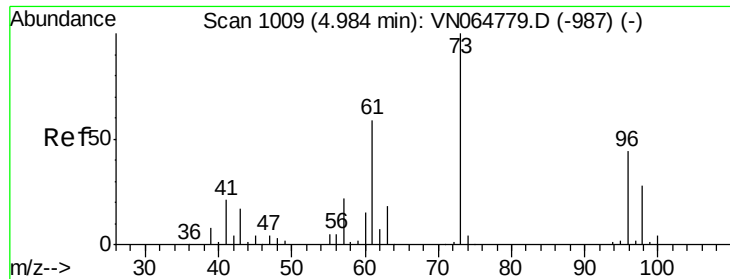
84 100

49 117.2 93.4 140.0

51 36.9 28.2 42.4

86 61.8 51.7 77.5

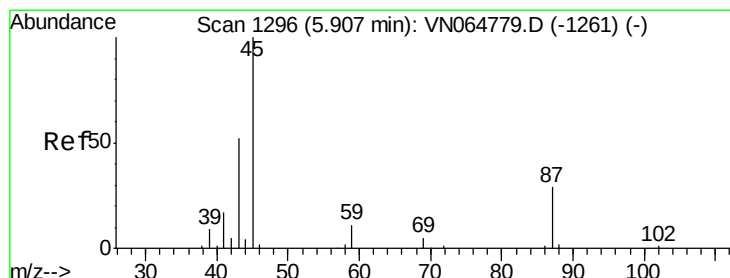
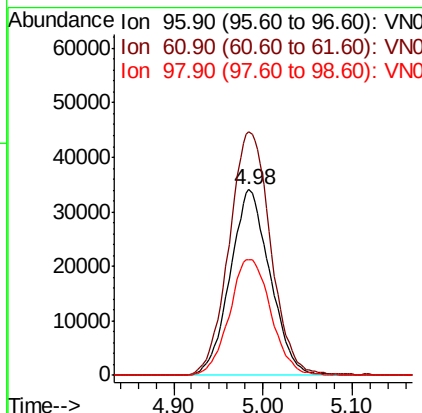
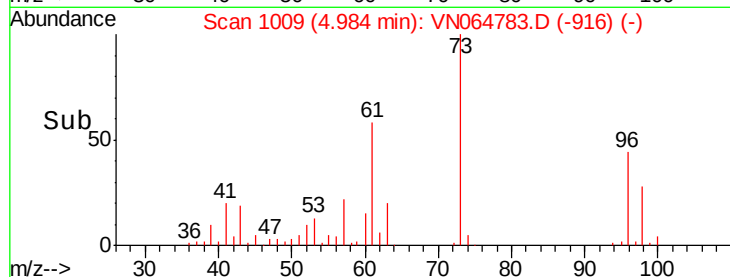
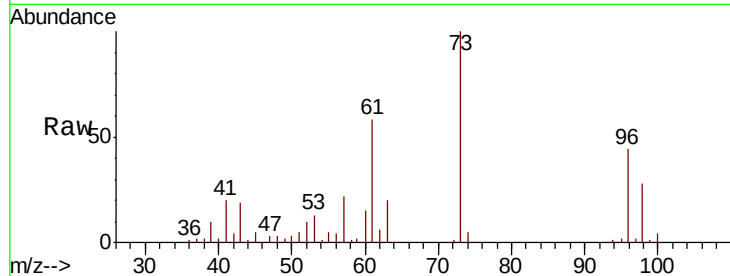




#21  
trans-1,2-Dichloroethene  
Concen: 47.913 ug/l  
RT: 4.98 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

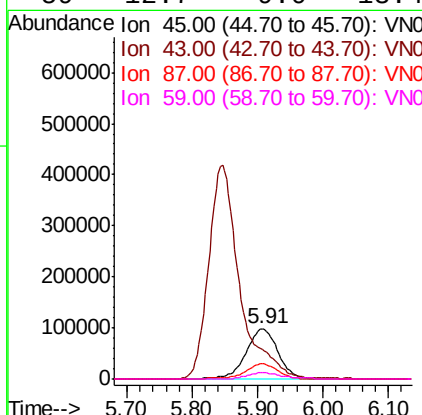
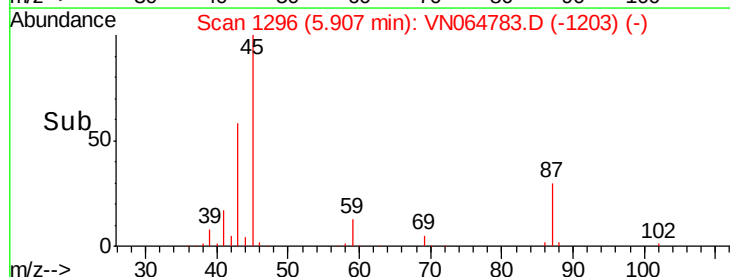
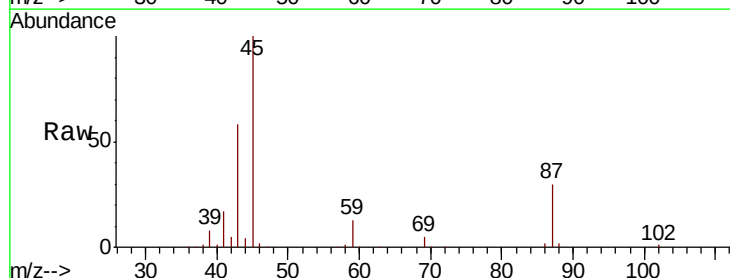
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN112320

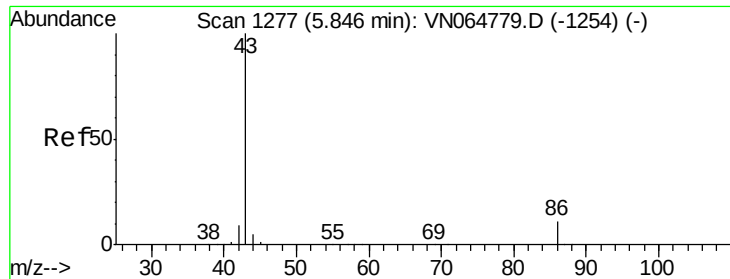
Tot Ion: 96 Resp: 106195  
Ion Ratio Lower Upper  
96 100  
61 131.2 108.4 162.6  
98 62.4 51.3 76.9



#22  
Diisopropyl ether  
Concen: 50.708 ug/l  
RT: 5.91 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Tgt Ion: 45 Resp: 334107  
Ion Ratio Lower Upper  
45 100  
43 57.0 46.2 69.2  
87 29.9 24.1 36.1  
59 12.7 9.0 13.4





#23

Vinyl Acetate

Concen: 263.006 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

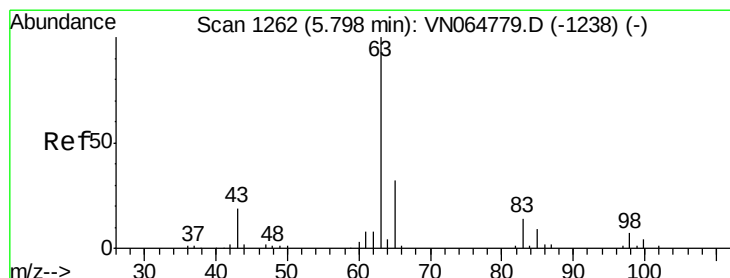
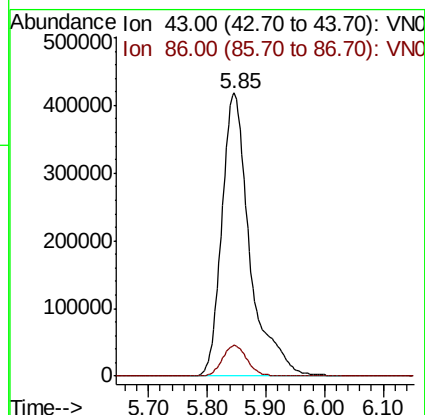
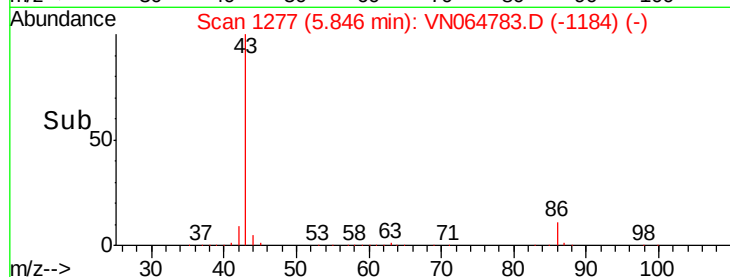
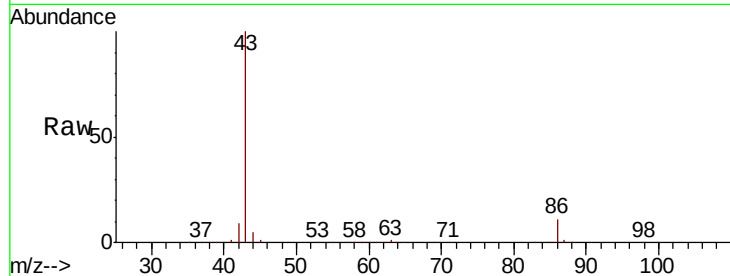
ICVVN112320

Tot Ion: 43 Resp: 1385772

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 49.191 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

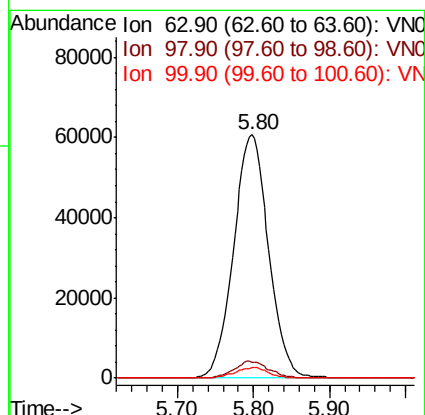
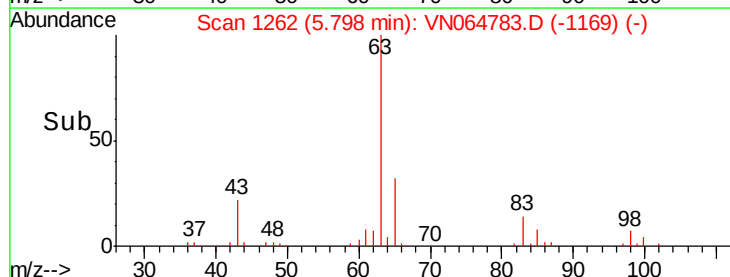
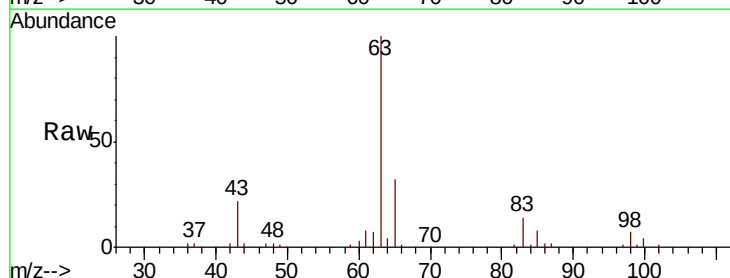
Tgt Ion: 63 Resp: 193700

Ion Ratio Lower Upper

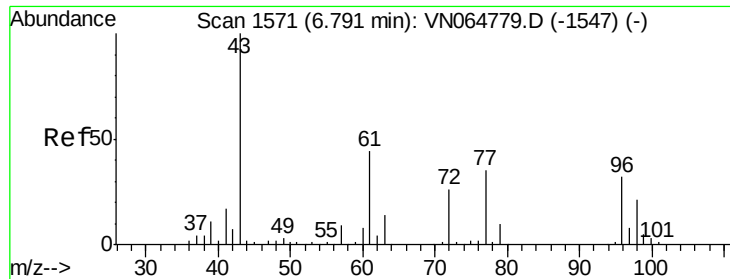
63 100

98 6.7 3.5 10.5

100 4.2 2.3 6.8







#25

2-Butanone

Concen: 254.803 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

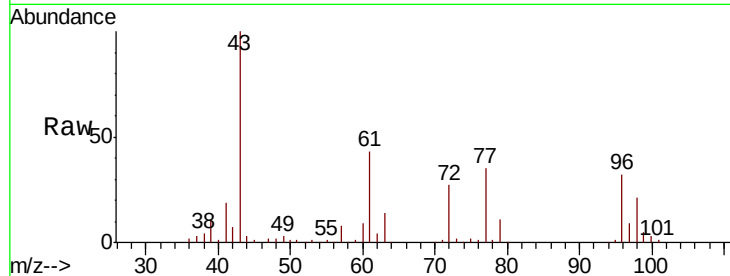
ICVFN112320

Tot Ion: 43 Resp: 324898

Ion Ratio Lower Upper

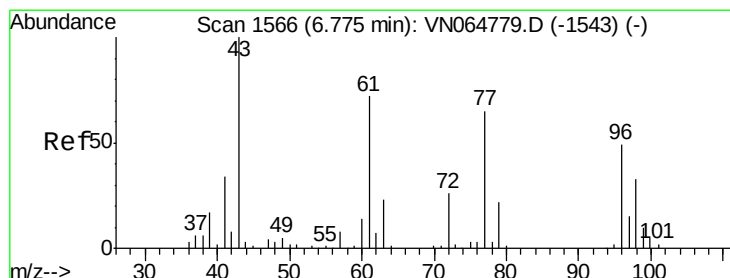
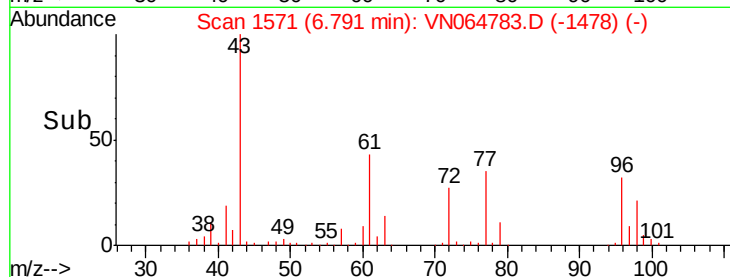
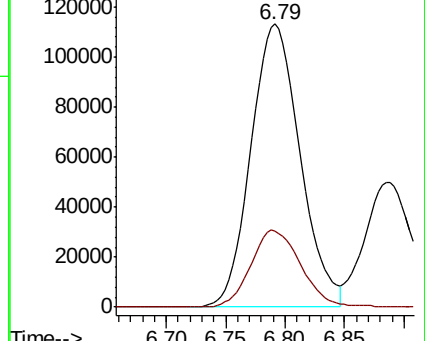
43 100

72 27.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.903 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064783.D

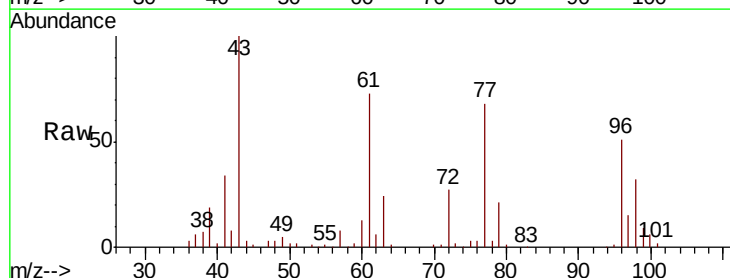
Acq: 23 Nov 2020 14:20

Tgt Ion: 77 Resp: 170429

Ion Ratio Lower Upper

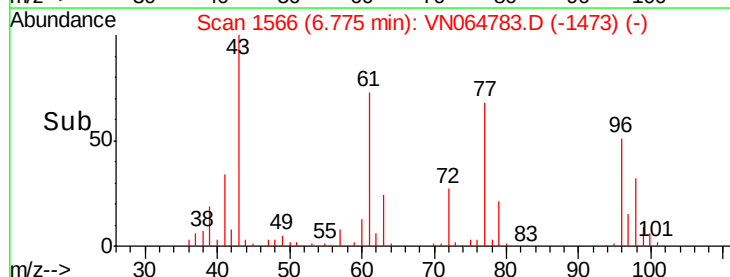
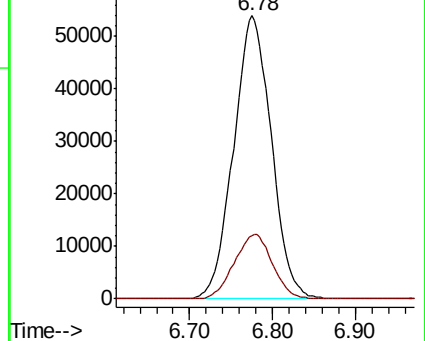
77 100

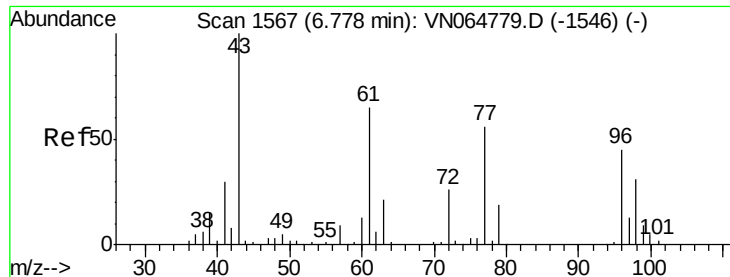
97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.961 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVNN112320

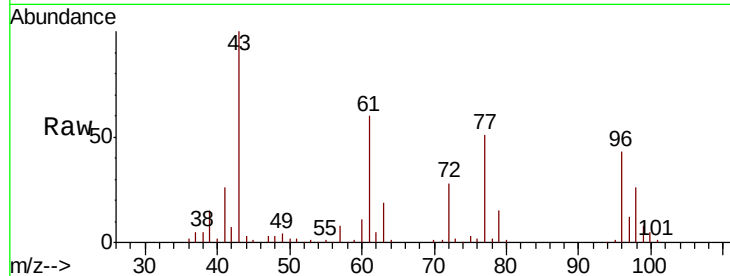
Tot Ion: 96 Resp: 122109

Ion Ratio Lower Upper

96 100

61 141.8 0.0 285.8

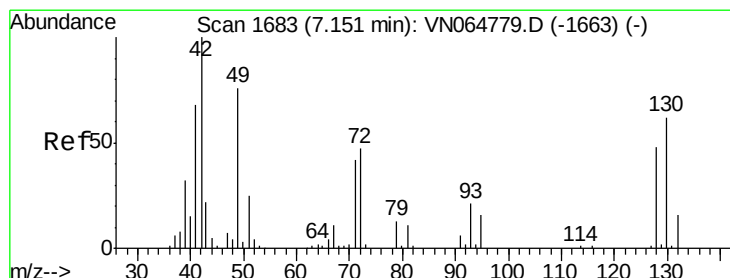
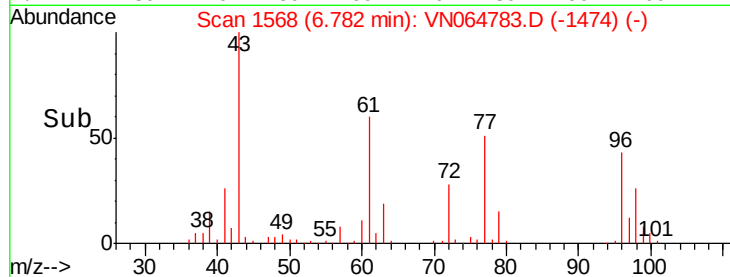
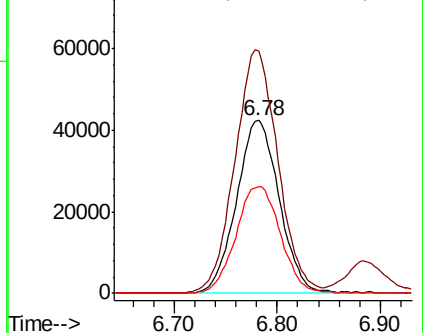
98 64.6 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.469 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

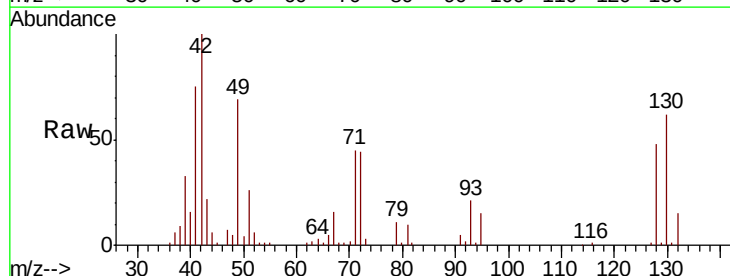
Tgt Ion: 49 Resp: 85511

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

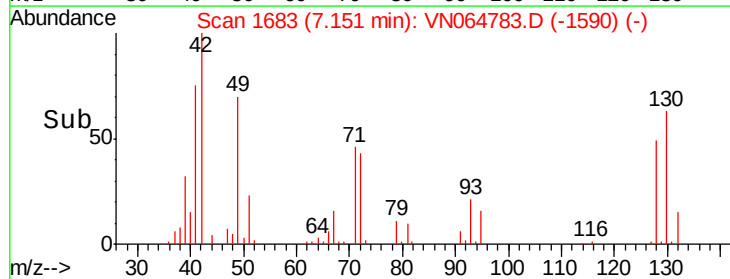
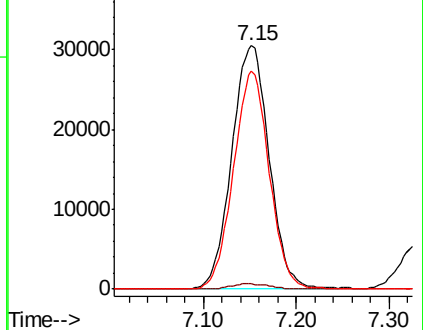
130 85.3 66.2 99.2

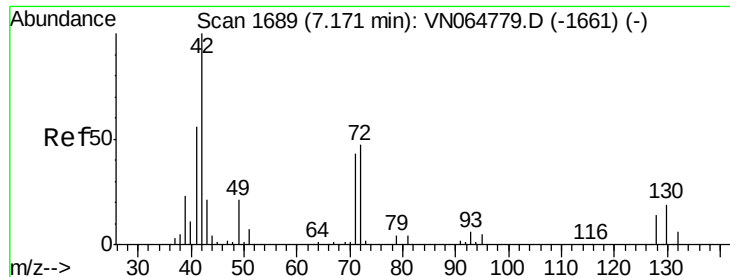


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 255.300 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampled :

ICVVN112320

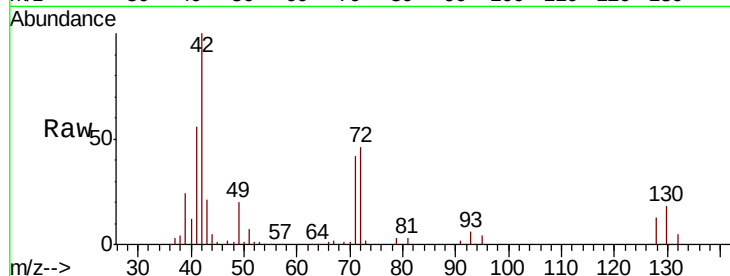
Tot Ion: 42 Resp: 224712

Ion Ratio Lower Upper

42 100

72 45.2 36.6 54.8

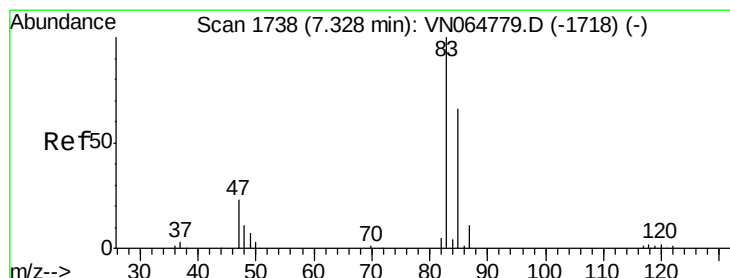
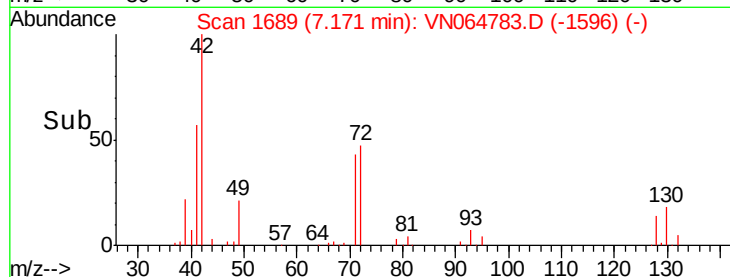
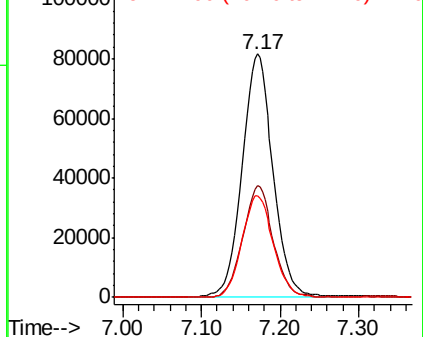
71 42.5 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.034 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064783.D

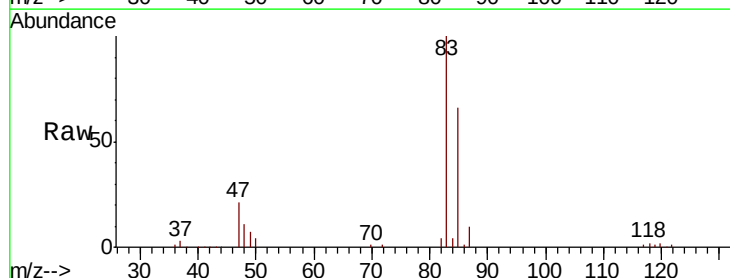
Acq: 23 Nov 2020 14:20

Tgt Ion: 83 Resp: 199114

Ion Ratio Lower Upper

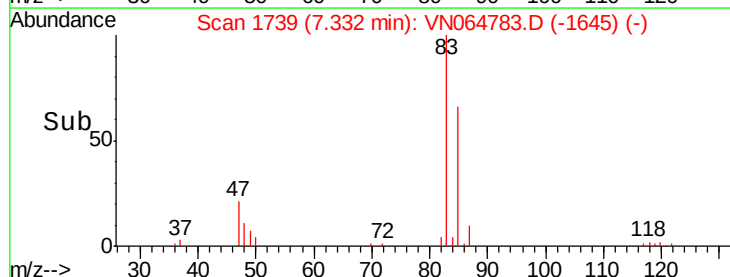
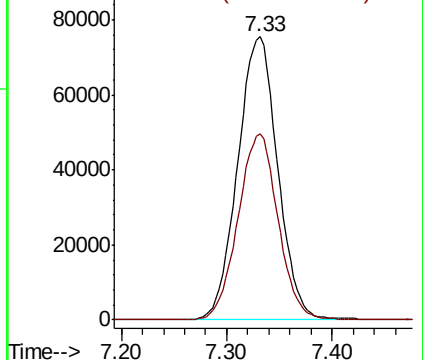
83 100

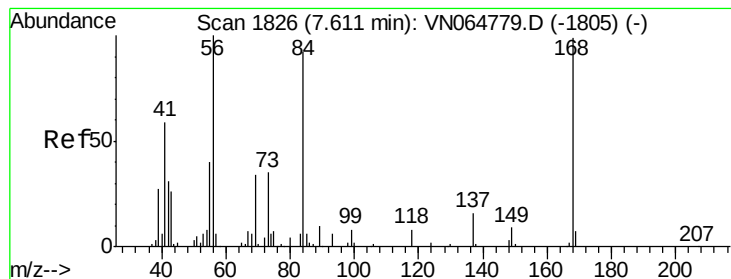
85 65.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.491 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

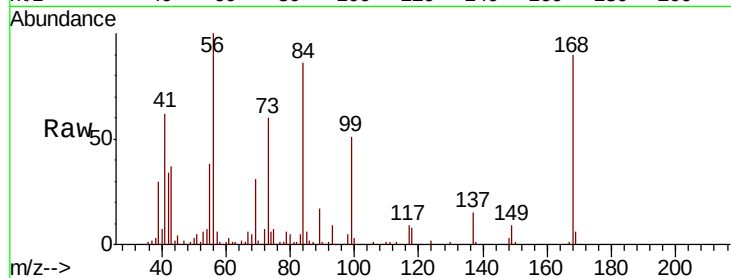
Tot Ion: 56 Resp: 161717

Ion Ratio Lower Upper

56 100

69 31.5 27.5 41.3

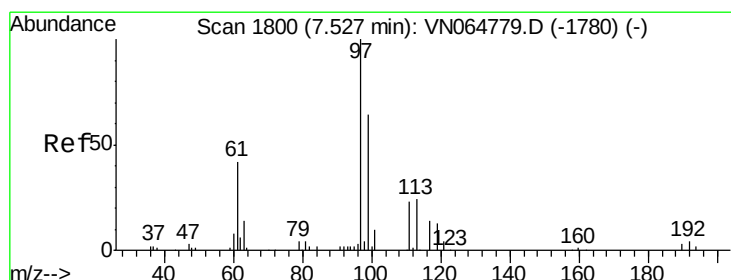
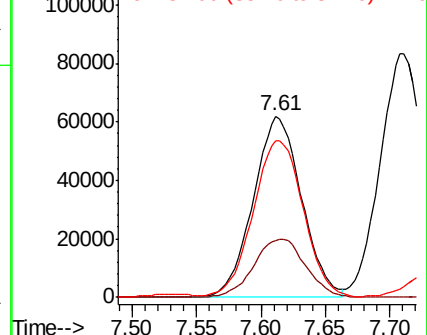
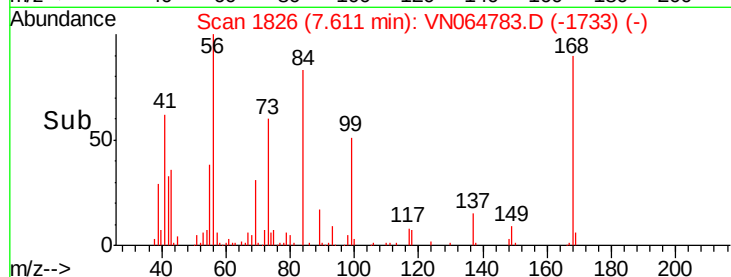
84 85.1 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064783.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064783.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064783.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 49.498 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

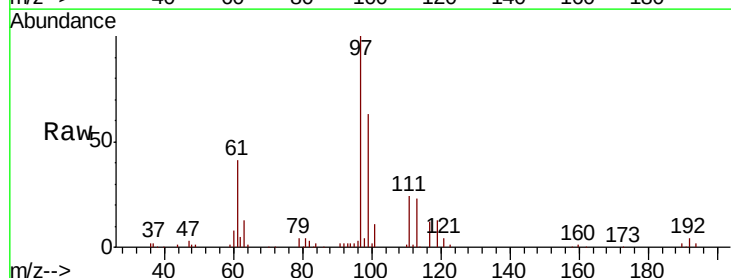
Tgt Ion: 97 Resp: 172634

Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

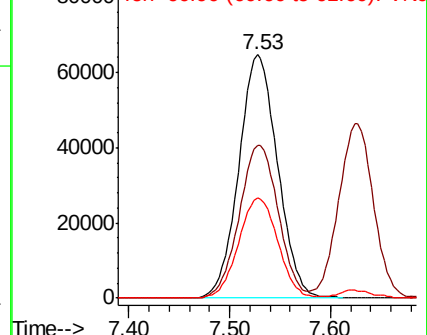
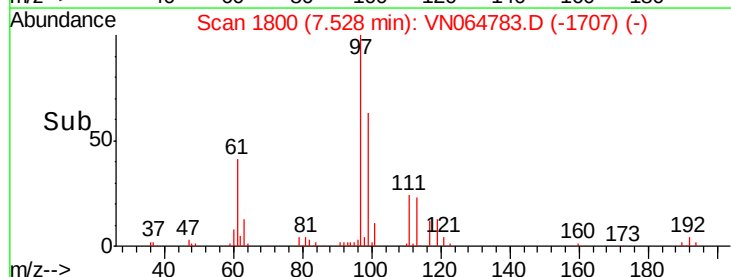
61 41.7 33.9 50.9

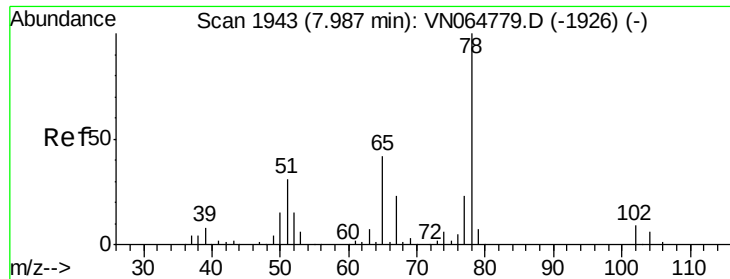


Abundance Ion 96.90 (96.60 to 97.60): VN064783.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064783.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064783.D (-1707) (-)

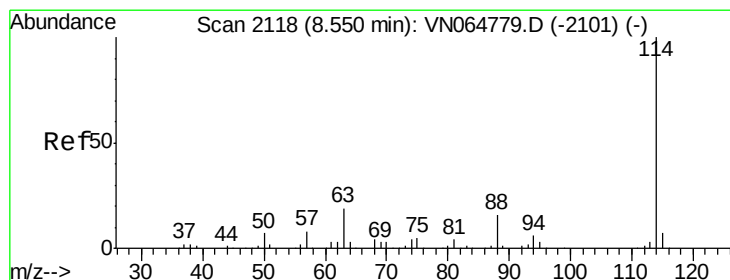
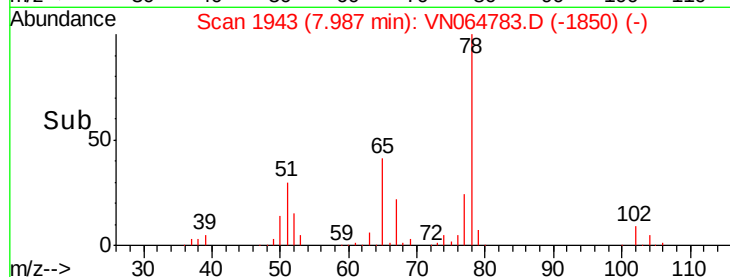
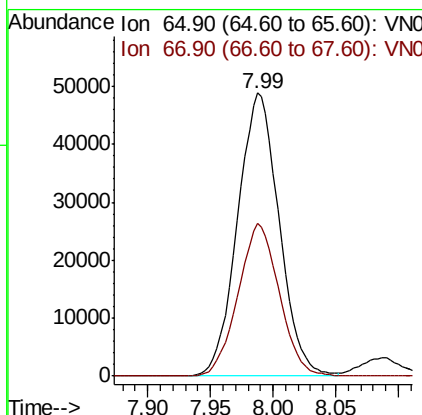
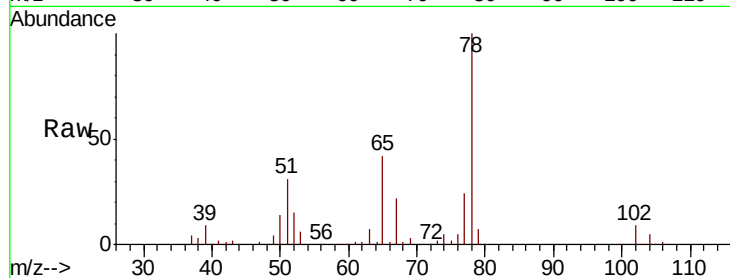




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.002 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

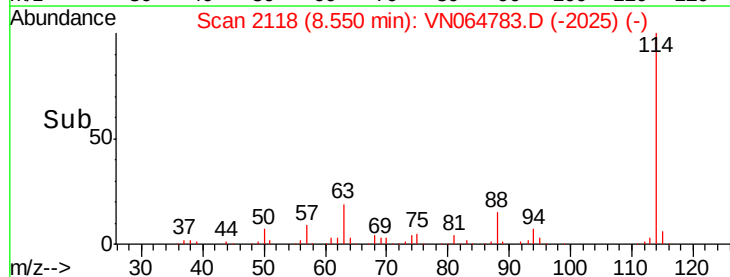
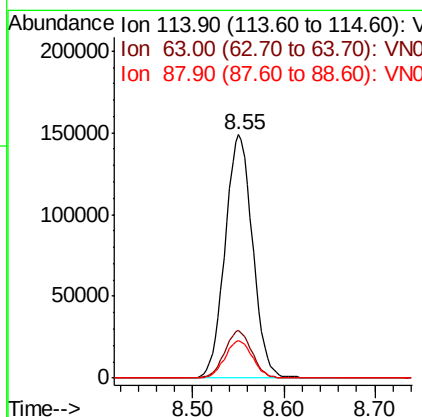
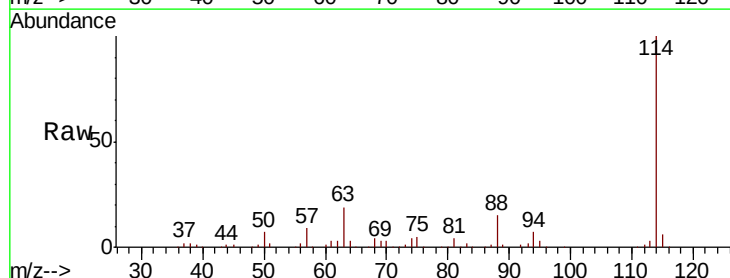
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN112320

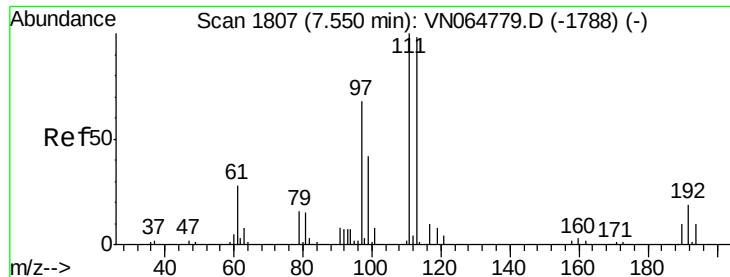
Tot Ion: 65 Resp: 112466  
 Ion Ratio Lower Upper  
 65 100  
 67 53.2 0.0 108.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion: 114 Resp: 312186  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 38.6  
 88 15.3 0.0 32.6

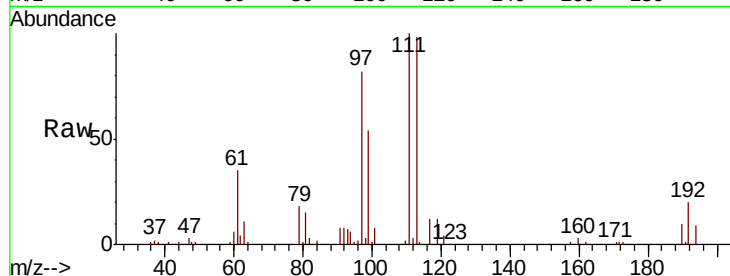




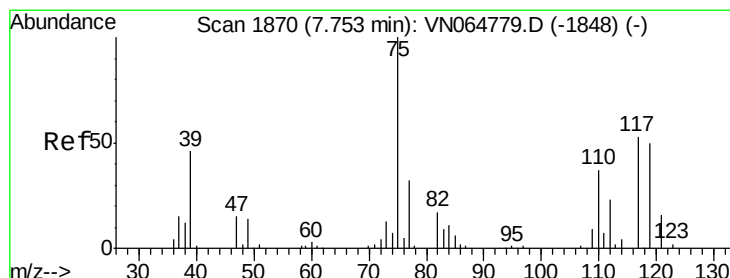
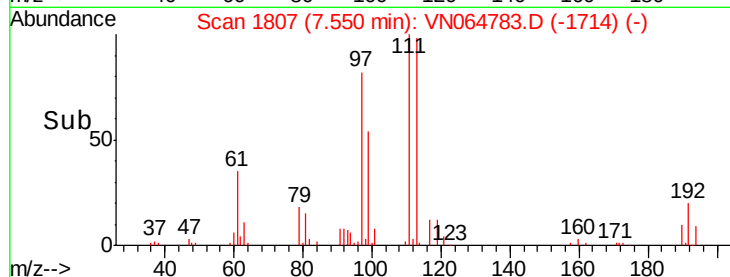
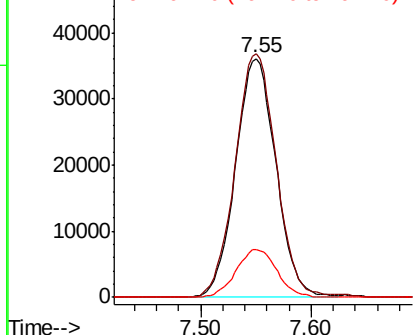
#35  
 Dibromofluoromethane  
 Concen: 48.976 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

Tot Ion:113 Resp: 91489  
 Ion Ratio Lower Upper  
 113 100  
 111 104.0 81.6 122.4  
 192 20.3 16.2 24.2

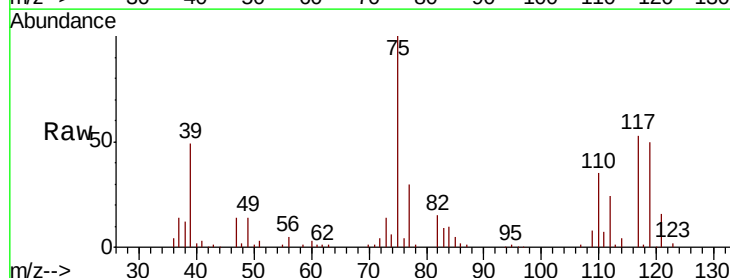


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

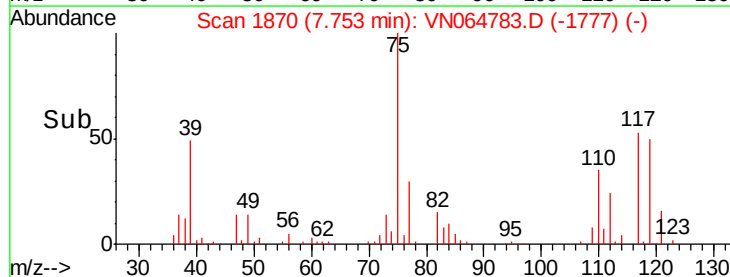
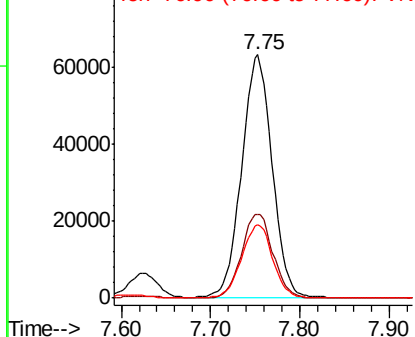


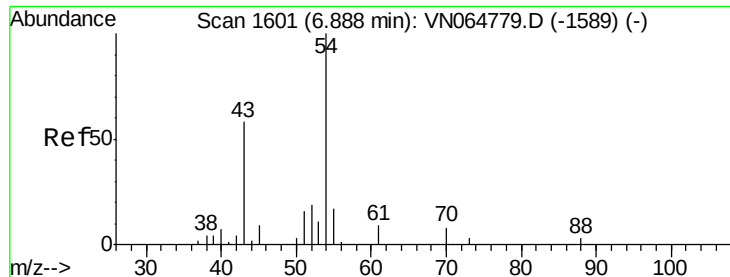
#36  
 1,1-Dichloropropene  
 Concen: 51.646 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion: 75 Resp: 149446  
 Ion Ratio Lower Upper  
 75 100  
 110 35.5 17.8 53.3  
 77 30.9 25.0 37.4



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

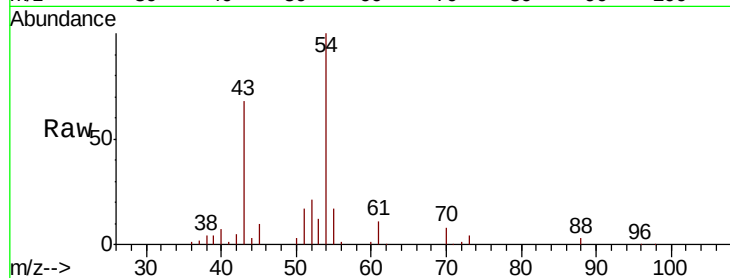




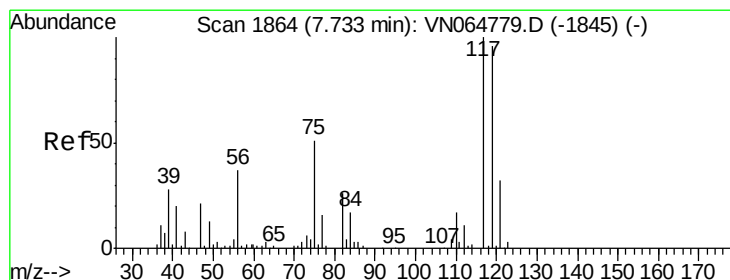
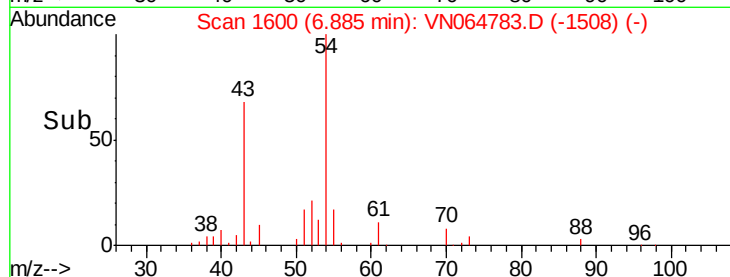
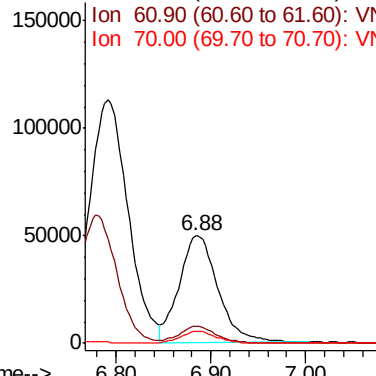
#37  
Ethyl Acetate  
Concen: 51.059 ug/l  
RT: 6.88 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN112320

Tot Ion: 43 Resp: 142321  
Ion Ratio Lower Upper  
43 100  
61 15.6 12.8 19.2  
70 10.6 8.8 13.2

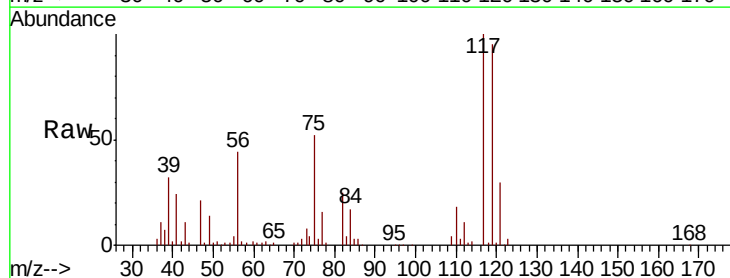


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

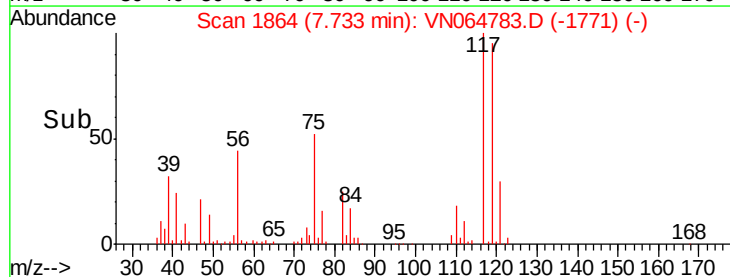
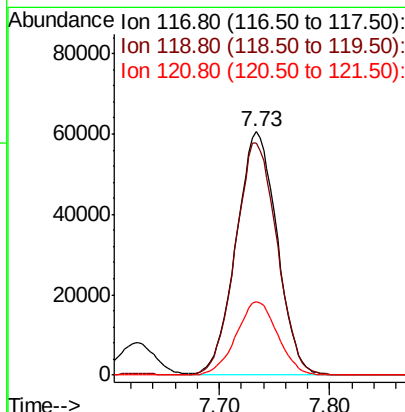


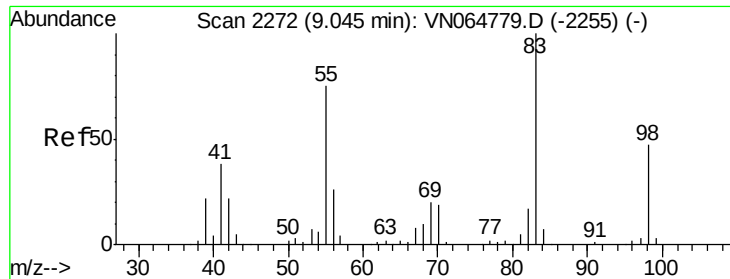
#38  
Carbon Tetrachloride  
Concen: 51.756 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Tgt Ion: 117 Resp: 155829  
Ion Ratio Lower Upper  
117 100  
119 95.4 76.7 115.1  
121 30.0 25.4 38.2



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

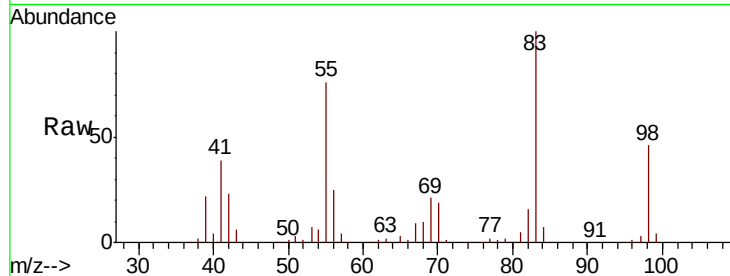




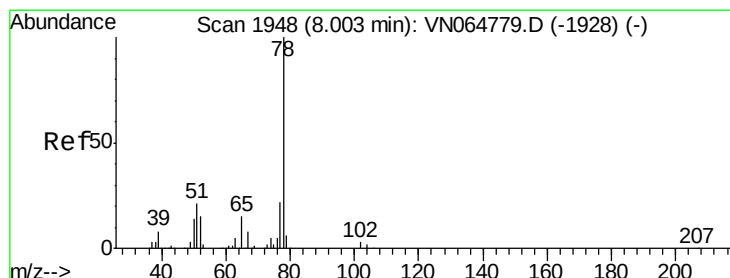
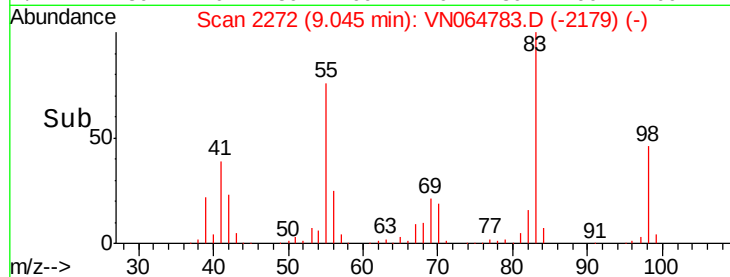
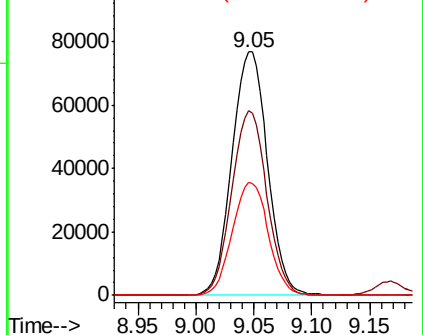
#39  
Methylvlcyclohexane  
Concen: 52.551 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVFN112320

Tot Ion: 83 Resp: 163698  
Ion Ratio Lower Upper  
83 100  
55 75.7 60.2 90.2  
98 46.2 37.4 56.2

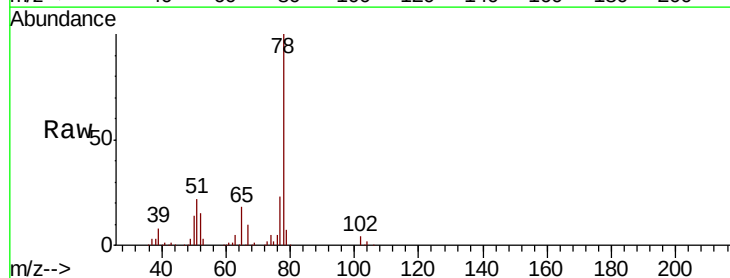


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

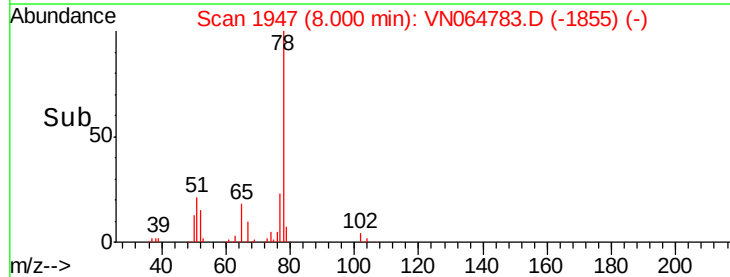
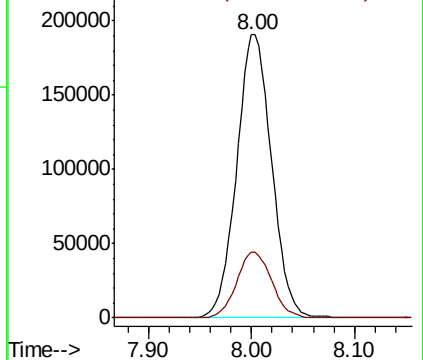


#40  
Benzene  
Concen: 50.658 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

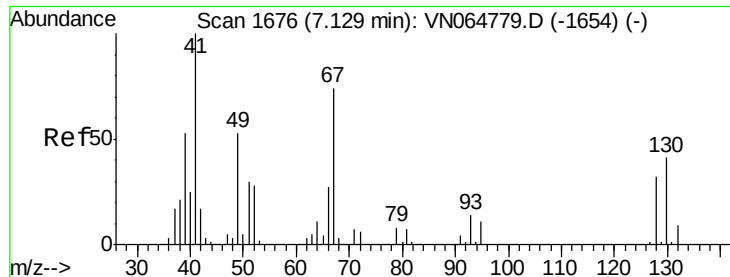
Tgt Ion: 78 Resp: 449196  
Ion Ratio Lower Upper  
78 100  
77 23.4 17.9 26.9



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



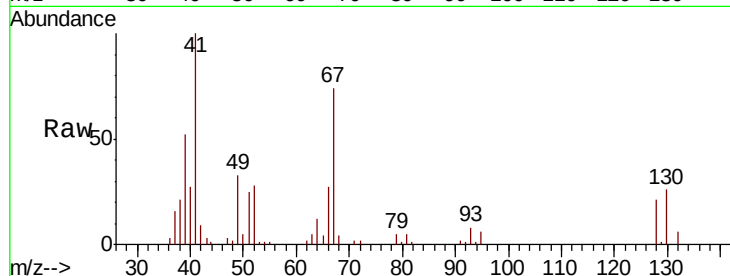




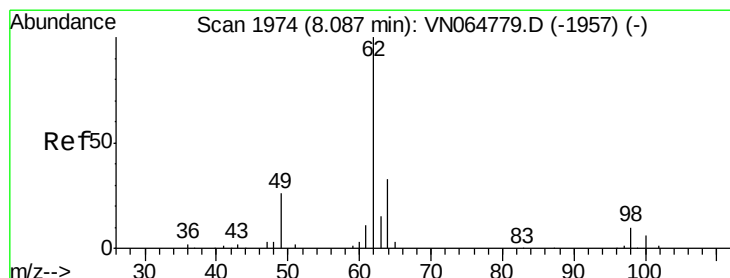
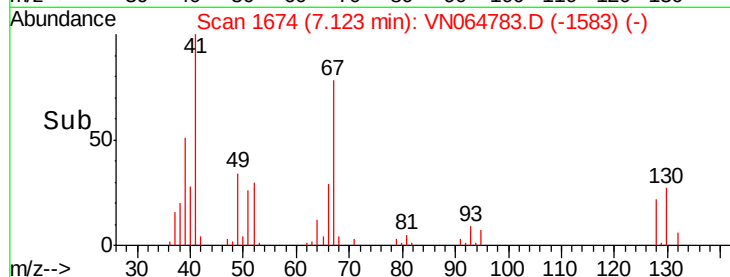
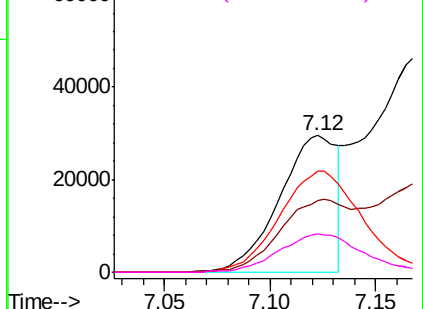
#41  
Methacrylonitrile  
Concen: 43.533 ug/l  
RT: 7.12 min Scan# 1674  
Delta R.T. -0.01 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN112320

Tot Ion: 41 Resp: 55990  
Ion Ratio Lower Upper  
41 100  
39 63.2 51.0 76.6  
67 106.8 79.8 119.8  
52 41.5 31.5 47.3

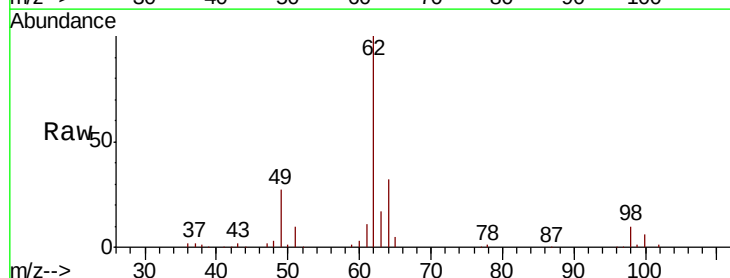


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

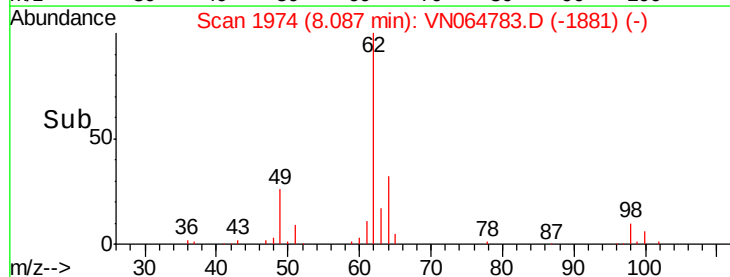
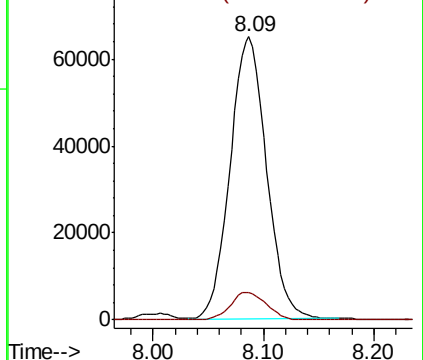


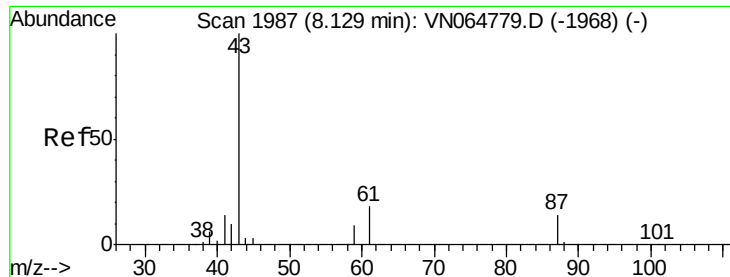
#42  
1,2-Dichloroethane  
Concen: 49.618 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Tgt Ion: 62 Resp: 148422  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 52.294 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

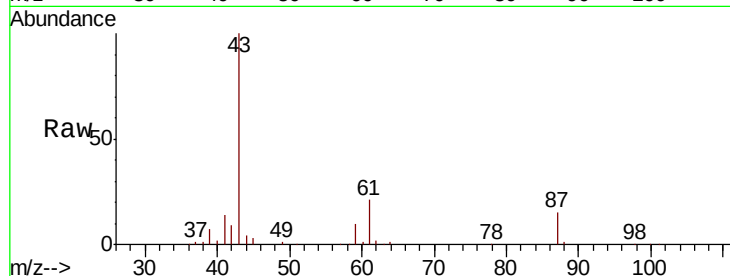
MSVOA\_N

ClientSampleId :

ICVVN112320

Tot Ion: 43 Resp: 234548

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 28.1  | 17.2  | 25.8# |
| 87  | 14.3  | 11.4  | 17.0  |

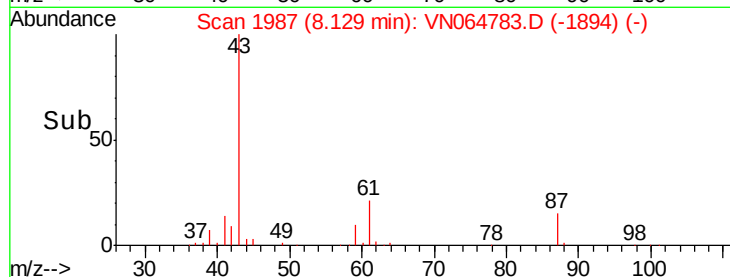


Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)

Time-->

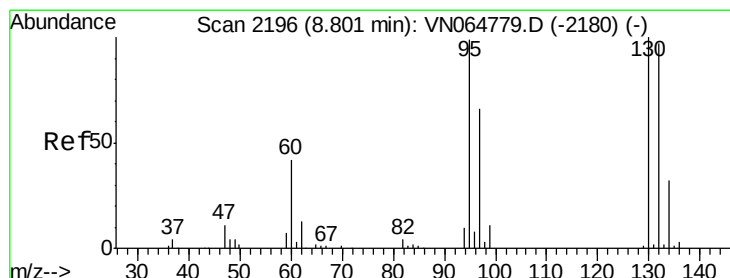


Abundance Ion 43.00 (42.70 to 43.70): VN064783.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064783.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064783.D (-1894) (-)

Time-->



#44

Trichloroethene

Concen: 49.615 ug/l

RT: 8.80 min Scan# 2196

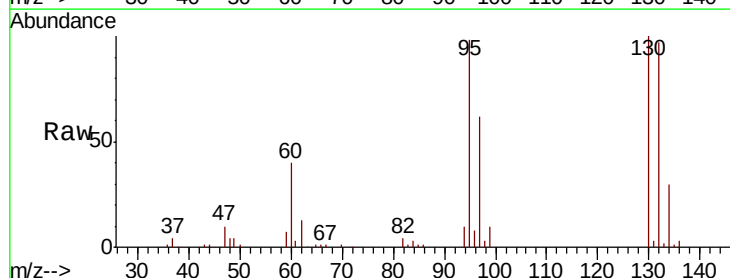
Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Tgt Ion: 130 Resp: 129806

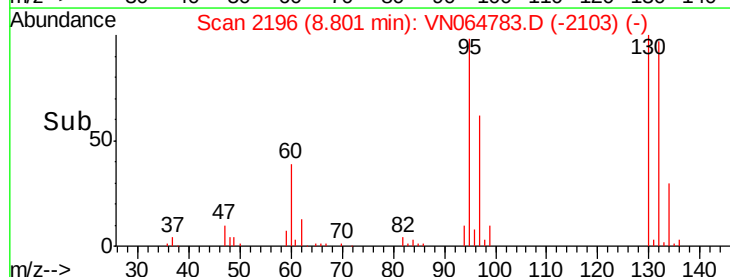
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 98.4  | 0.0   | 197.8 |



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

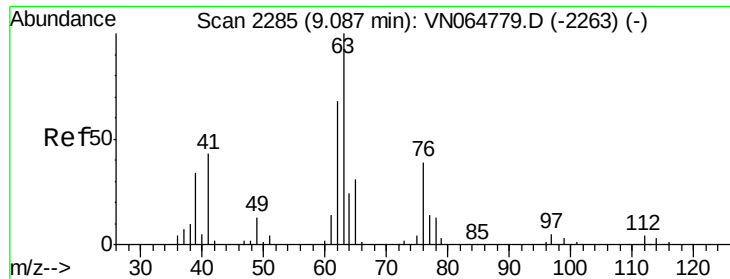
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN064783.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064783.D (-2103) (-)

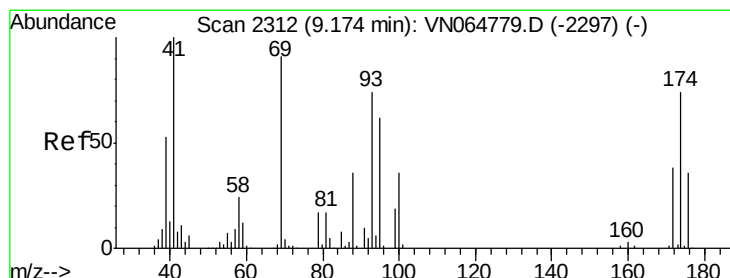
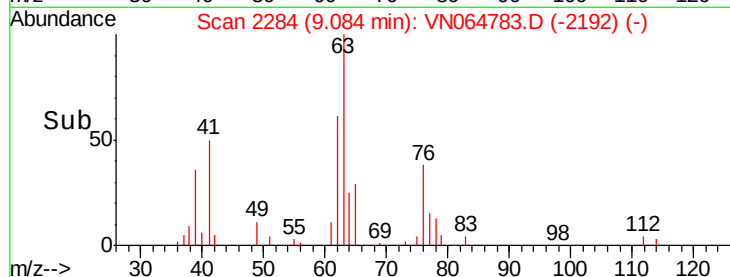
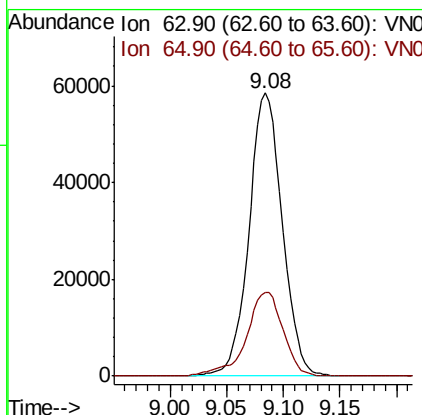
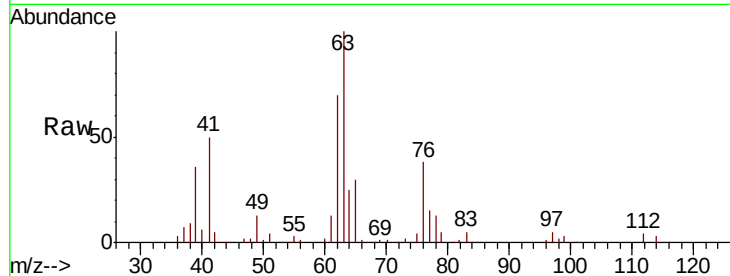
Time-->



#45  
 1,2-Dichloropropane  
 Concen: 52.116 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

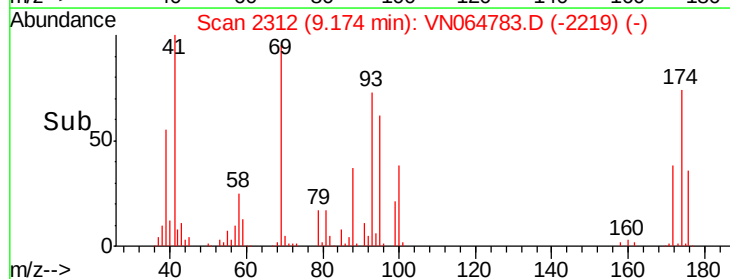
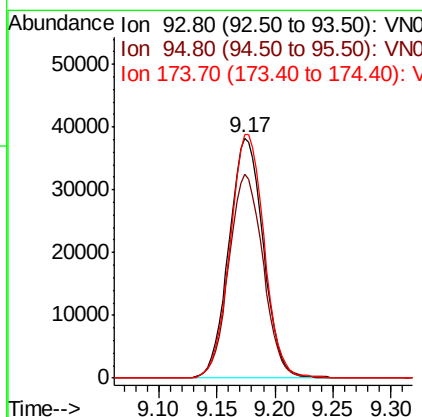
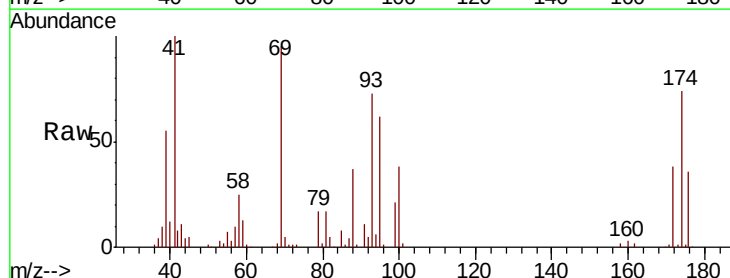
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

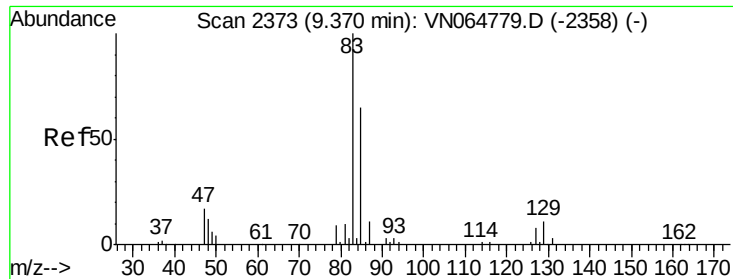
Tot Ion: 63 Resp: 119675  
 Ion Ratio Lower Upper  
 63 100  
 65 29.8 25.0 37.4



#46  
 Dibromomethane  
 Concen: 51.449 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion: 93 Resp: 78927  
 Ion Ratio Lower Upper  
 93 100  
 95 84.5 68.8 103.2  
 174 100.8 83.1 124.7





#47

Bromodichloromethane

Concen: 51.265 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

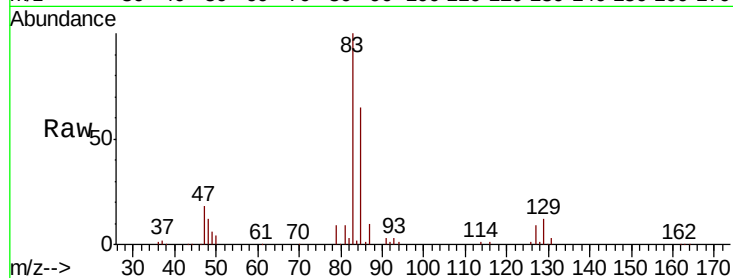
Tot Ion: 83 Resp: 158242

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8

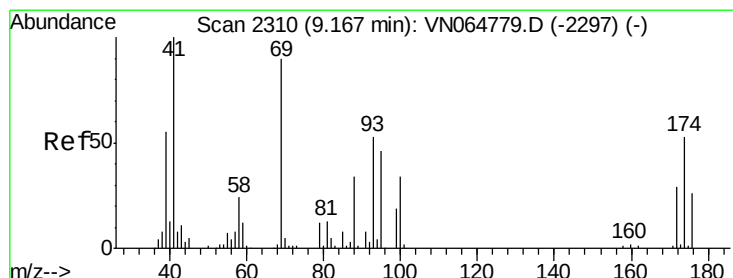
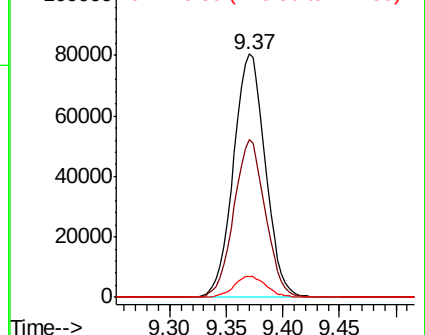
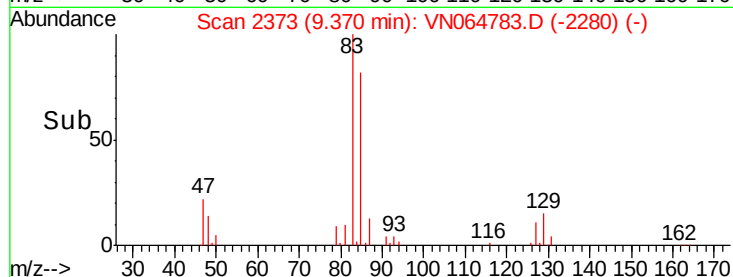
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064783.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064783.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064783.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.047 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

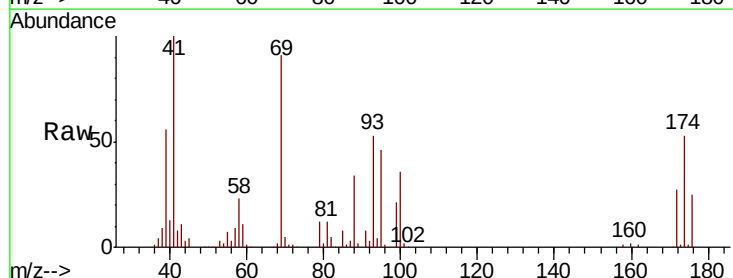
Tgt Ion: 41 Resp: 113690

Ion Ratio Lower Upper

41 100

69 91.9 71.8 107.8

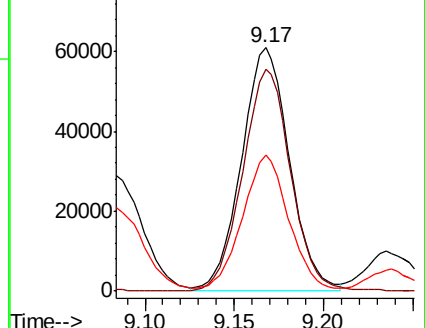
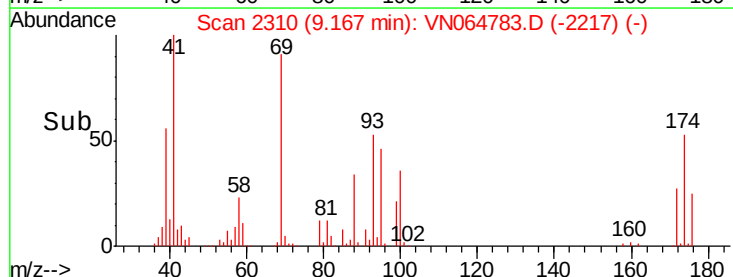
39 54.2 44.1 66.1

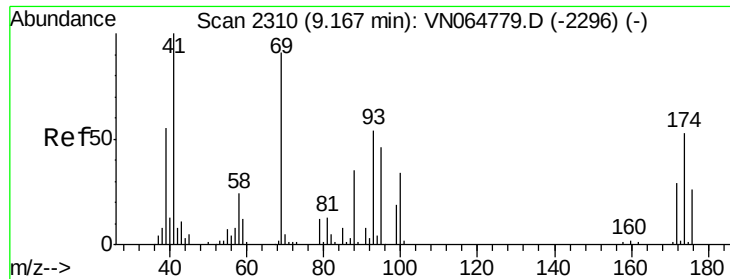


Abundance Ion 41.00 (40.70 to 41.70): VN064783.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064783.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064783.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1070.289 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

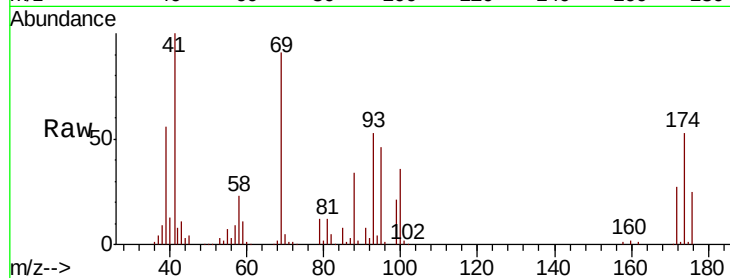
Tot Ion: 88 Resp: 43354

Ion Ratio Lower Upper

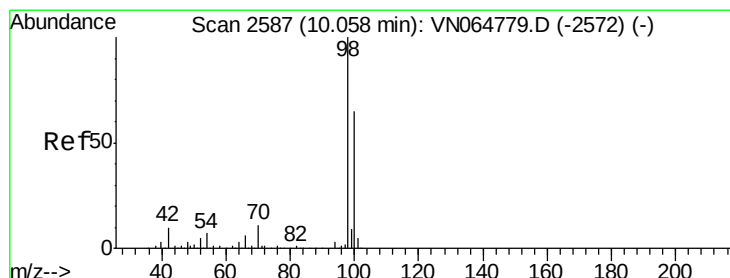
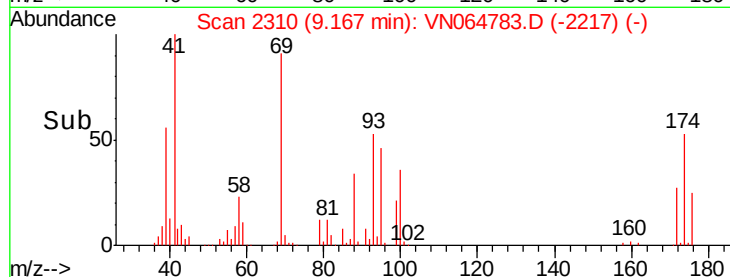
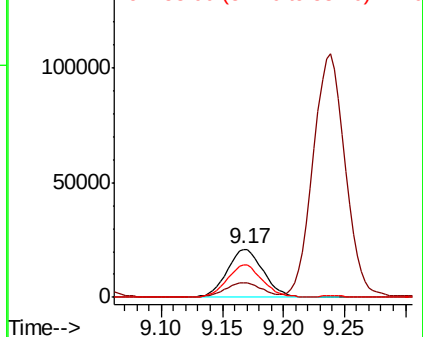
88 100

43 31.3 24.2 36.4

58 66.0 52.5 78.7



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



#50

Toluene-d8

Concen: 49.551 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064783.D

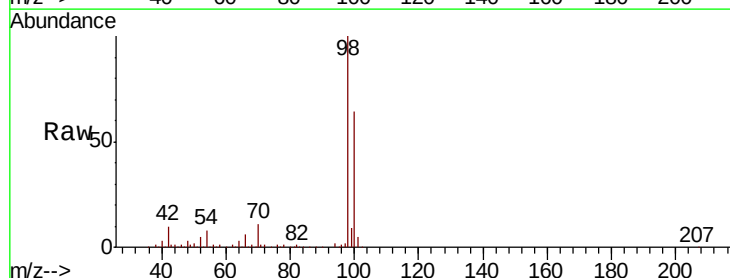
Acq: 23 Nov 2020 14:20

Tgt Ion: 98 Resp: 378203

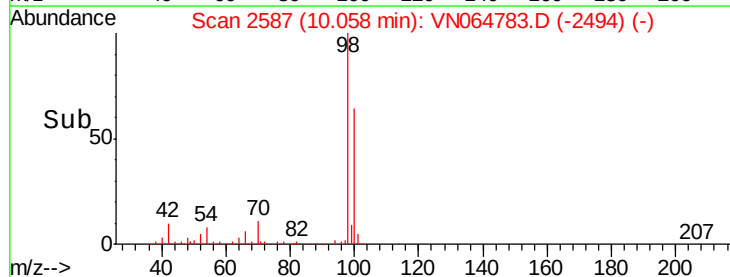
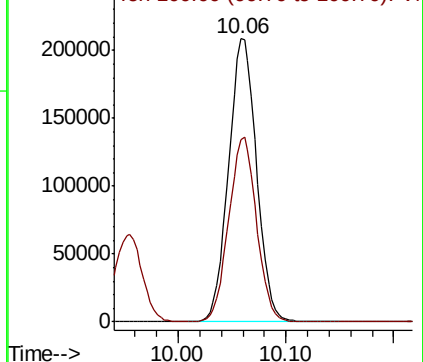
Ion Ratio Lower Upper

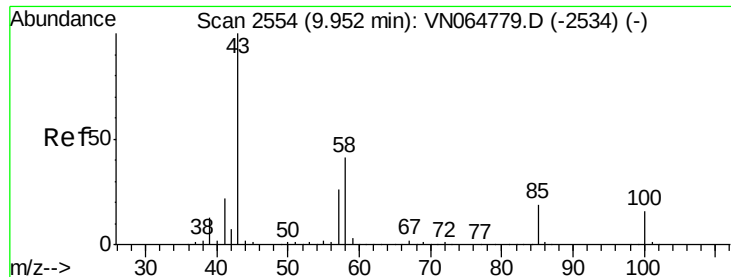
98 100

100 64.6 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 265.574 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

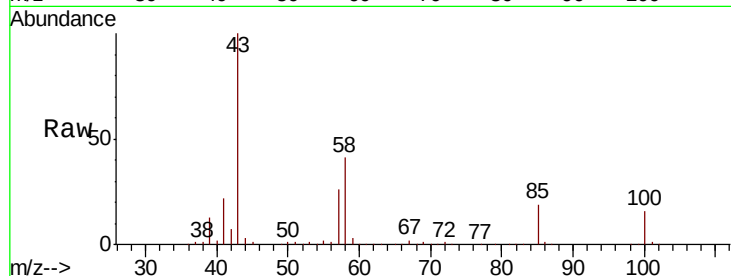
ICVVN112320

Tot Ion: 43 Resp: 715106

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

400000

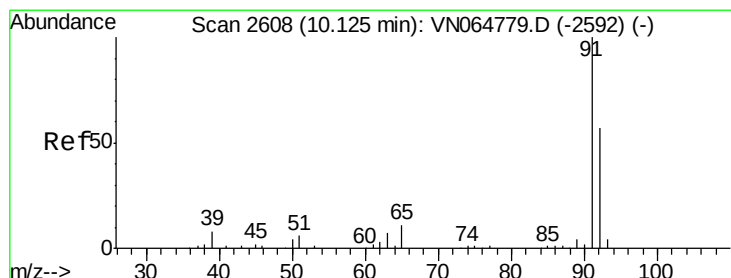
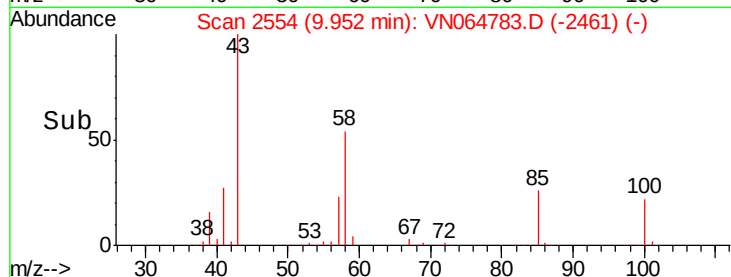
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.000 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064783.D

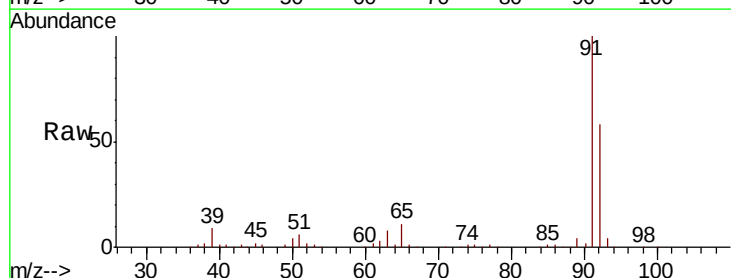
Acq: 23 Nov 2020 14:20

Tgt Ion: 92 Resp: 283957

Ion Ratio Lower Upper

92 100

91 172.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

300000

250000

200000

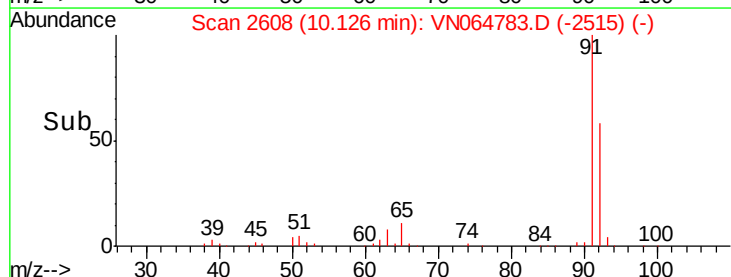
150000

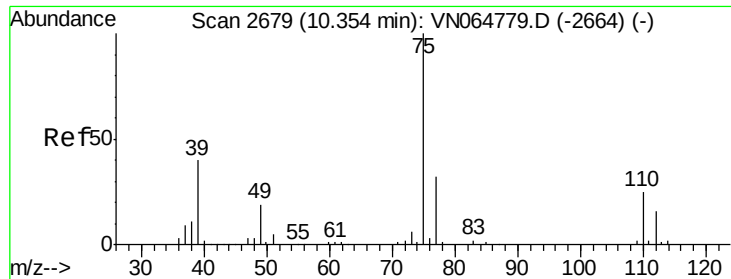
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.162 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampled :

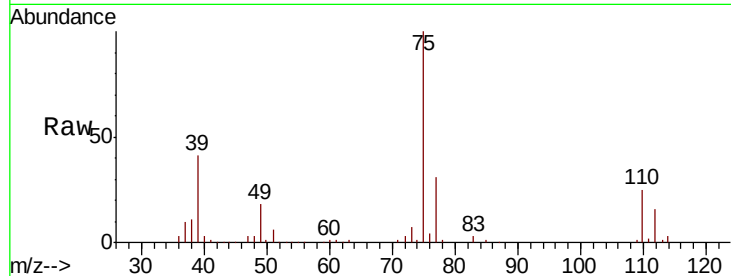
ICVNN112320

Tot Ion: 75 Resp: 179335

Ion Ratio Lower Upper

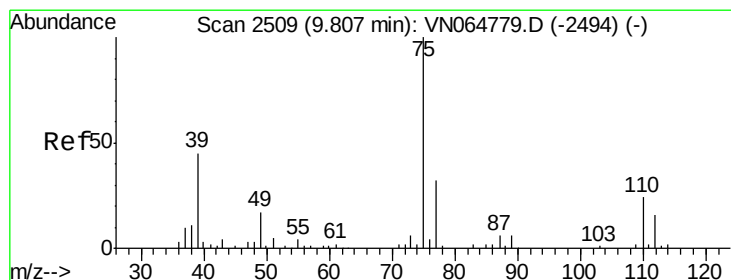
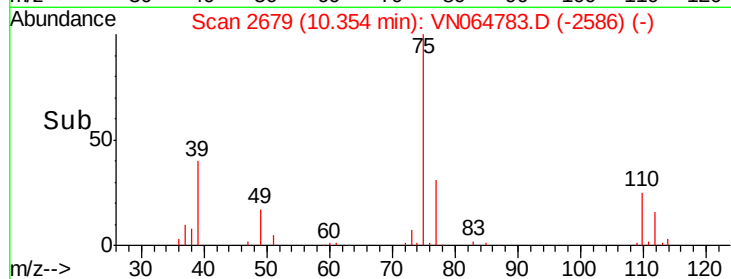
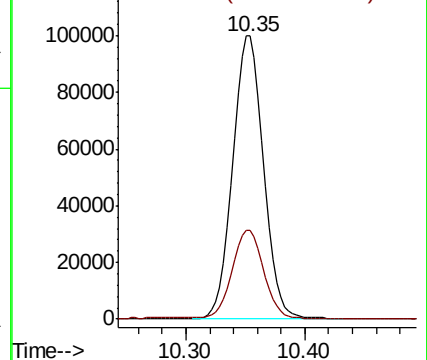
75 100

77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.894 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

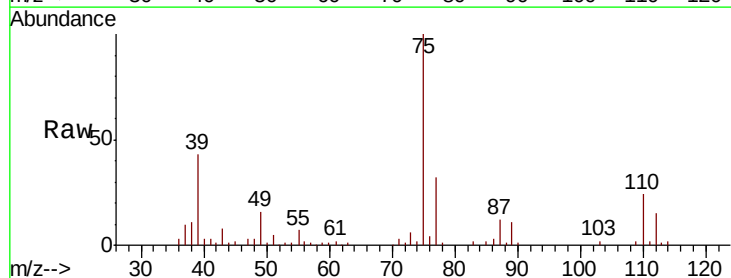
Tgt Ion: 75 Resp: 194922

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

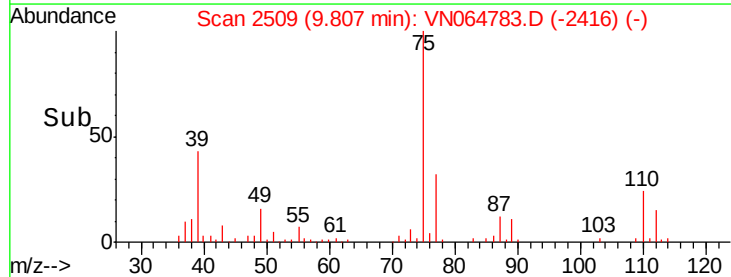
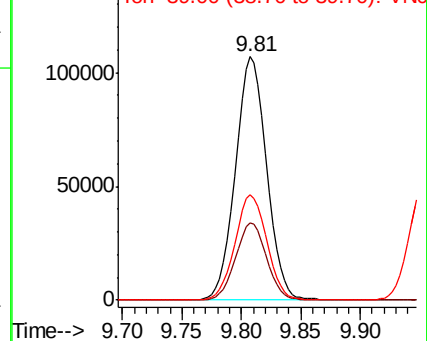
39 43.2 35.6 53.4

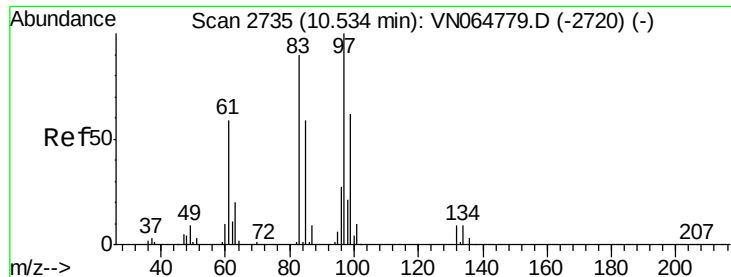


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.278 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVFN112320

Tot Ion: 97 Resp: 110654

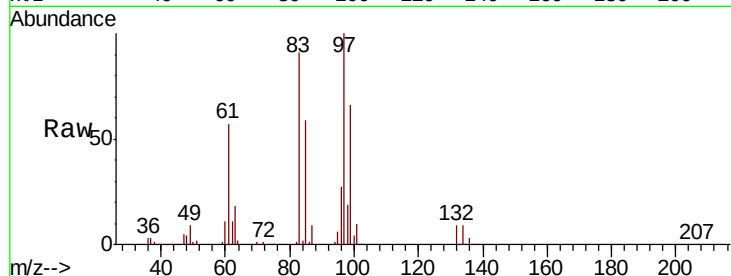
Ion Ratio Lower Upper

97 100

83 90.8 72.1 108.1

85 58.7 46.8 70.2

99 65.6 49.6 74.4

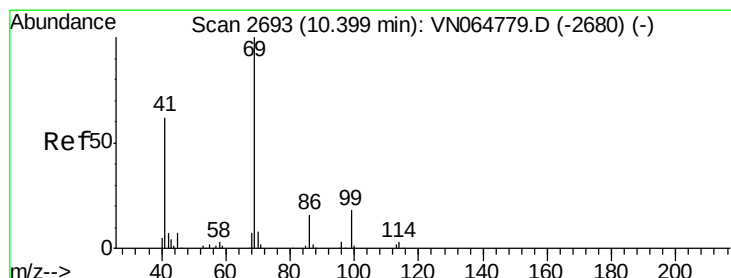
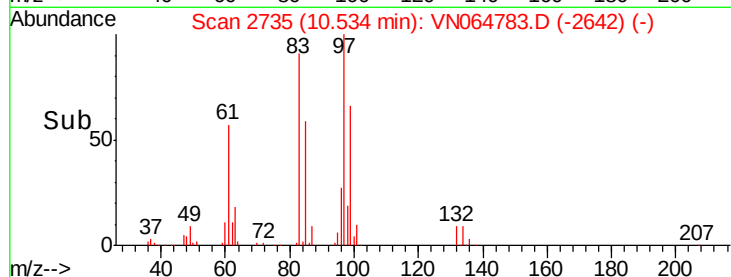
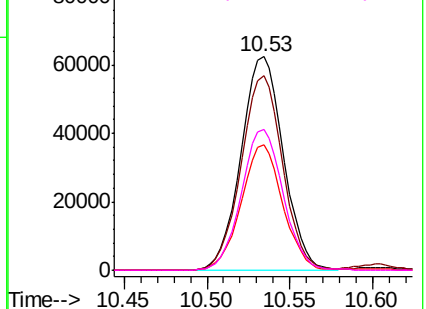


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 54.499 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

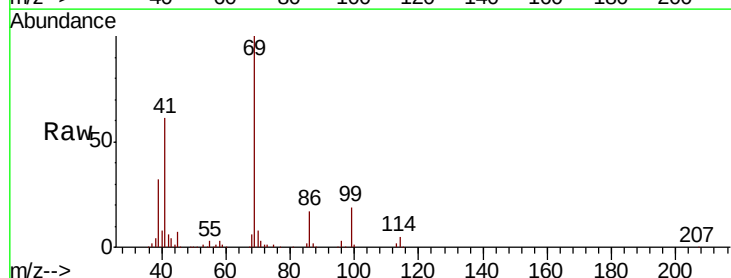
Tgt Ion: 69 Resp: 168878

Ion Ratio Lower Upper

69 100

41 61.0 49.4 74.0

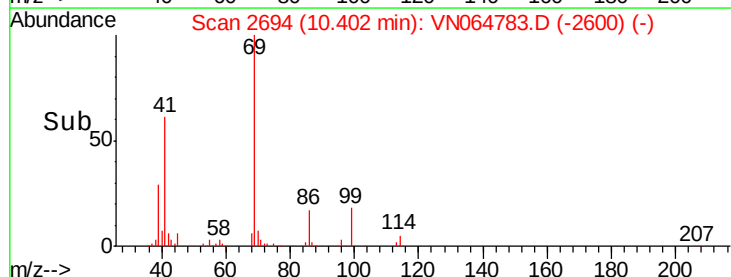
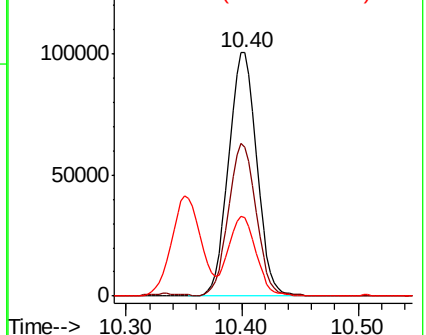
39 32.2 25.9 38.9



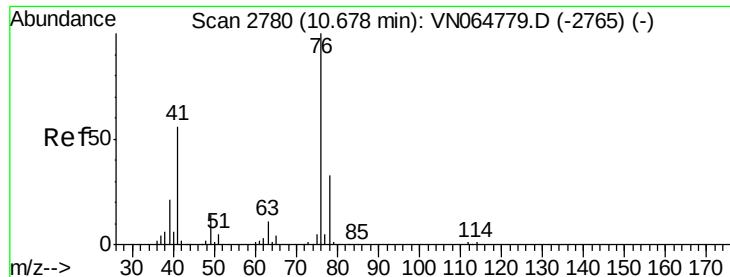
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0







#57

1,3-Dichloropropane

Concen: 50.732 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

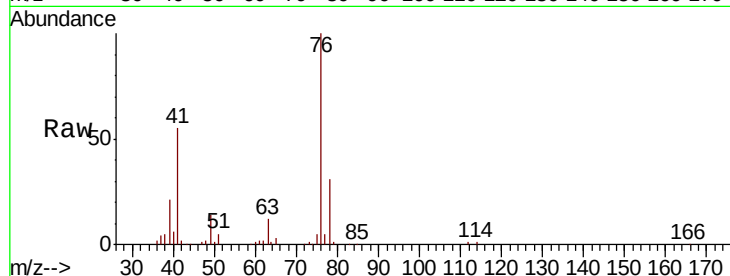
ICVVN112320

Tot Ion: 76 Resp: 187921

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064783.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN064783.D (-2687) (-)

10.68

120000

100000

80000

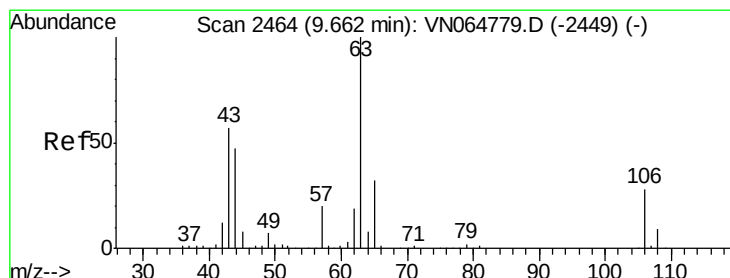
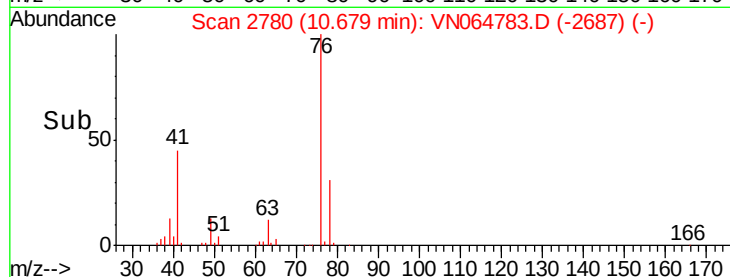
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 271.001 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064783.D

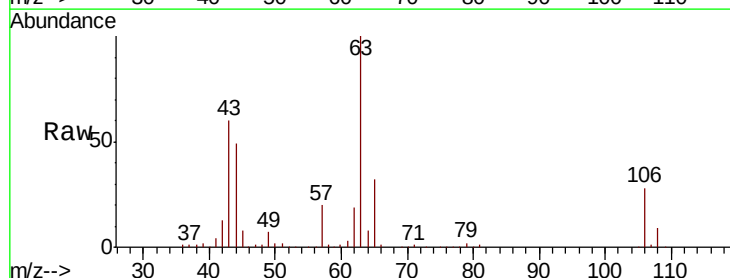
Acq: 23 Nov 2020 14:20

Tgt Ion: 63 Resp: 461927

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064783.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064783.D (-2371) (-)

9.66

300000

250000

200000

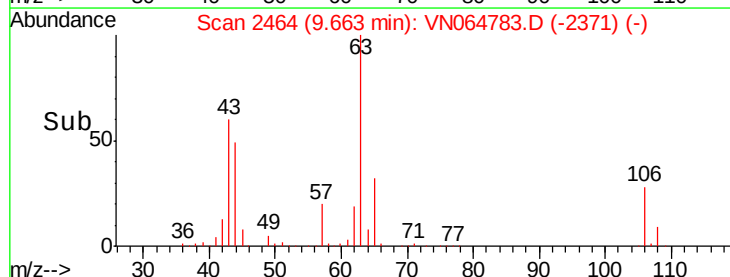
150000

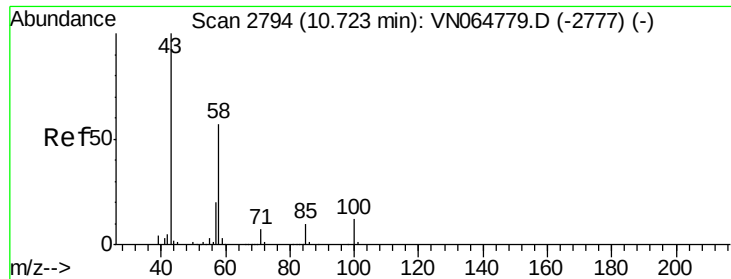
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 268.777 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

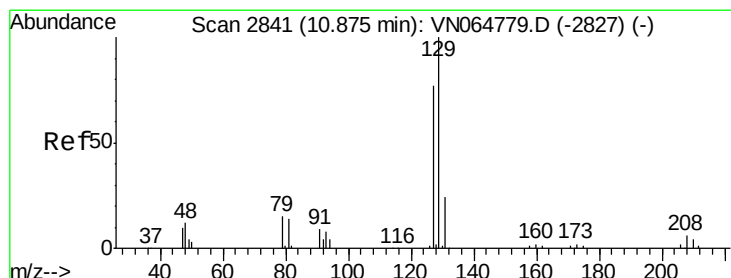
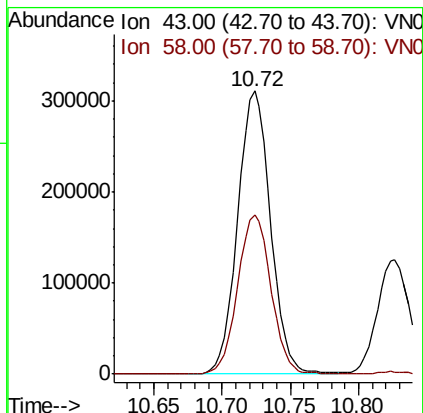
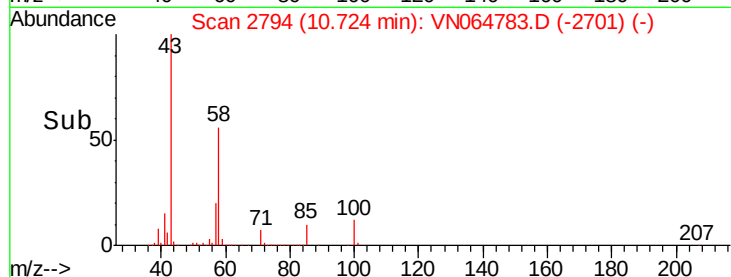
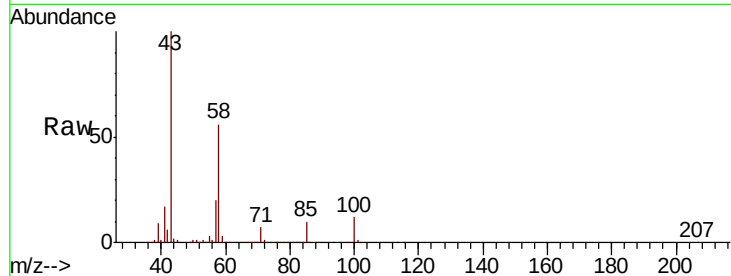
ICVNN112320

Tot Ion: 43 Resp: 520858

Ion Ratio Lower Upper

43 100

58 56.9 28.3 84.9



#60

Dibromochloromethane

Concen: 51.244 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064783.D

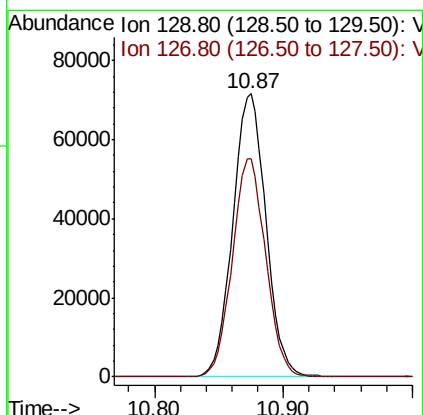
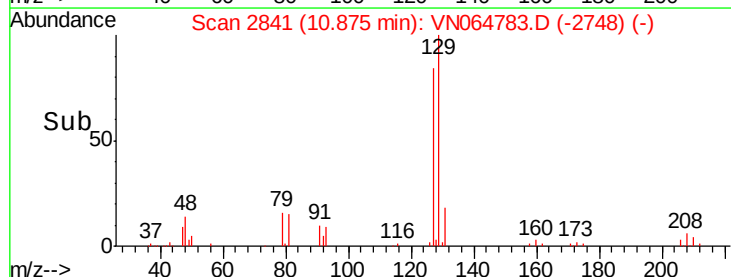
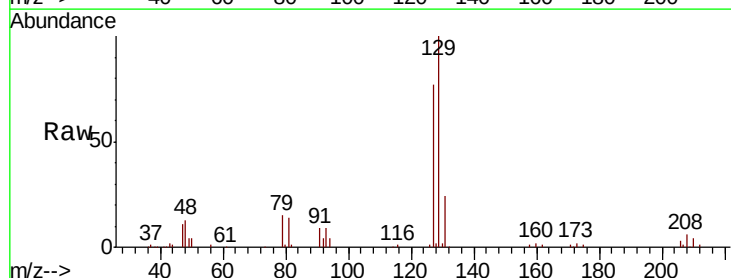
Acq: 23 Nov 2020 14:20

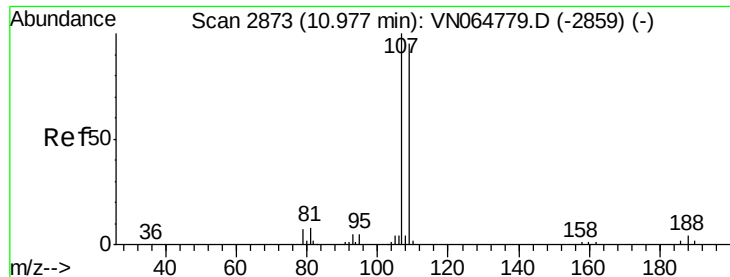
Tgt Ion: 129 Resp: 127908

Ion Ratio Lower Upper

129 100

127 77.5 39.1 117.2

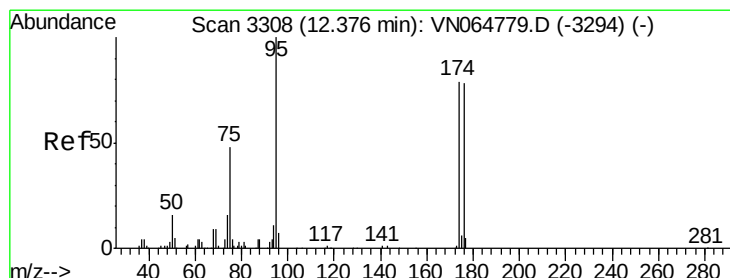
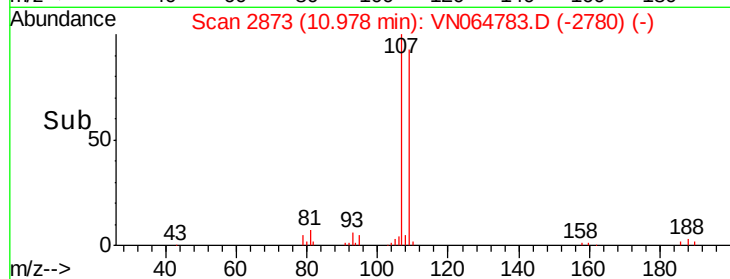
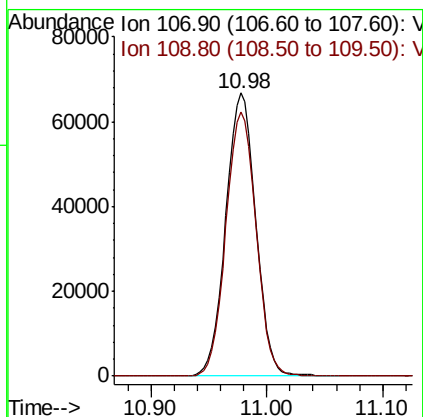
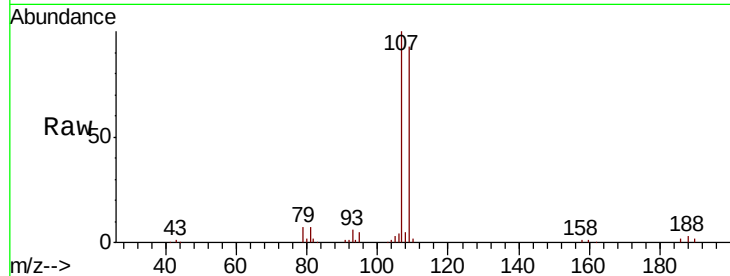




#61  
 1,2-Dibromoethane  
 Concen: 52.460 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

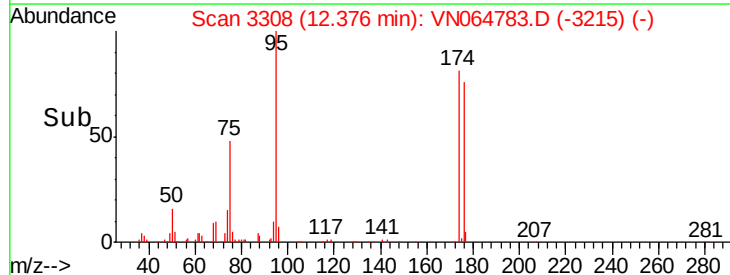
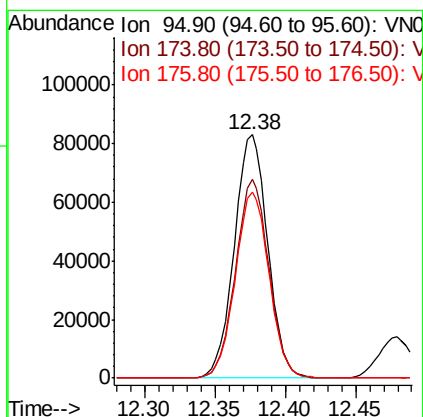
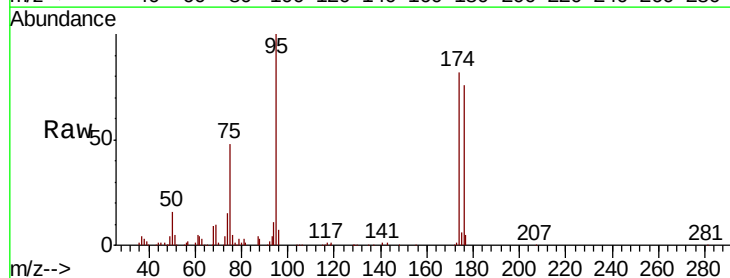
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

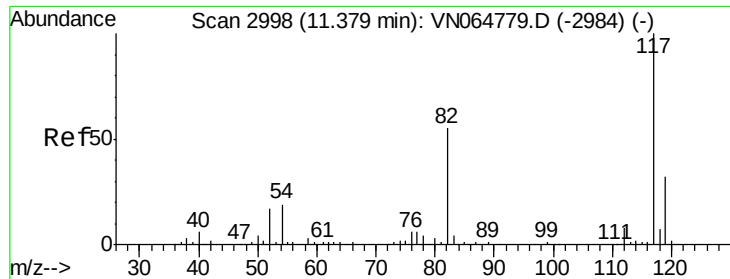
Tot Ion: 107 Resp: 119682  
 Ion Ratio Lower Upper  
 107 100  
 109 93.7 76.0 114.0



#62  
 4-Bromofluorobenzene  
 Concen: 50.584 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion: 95 Resp: 138173  
 Ion Ratio Lower Upper  
 95 100  
 174 81.4 0.0 160.4  
 176 77.1 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

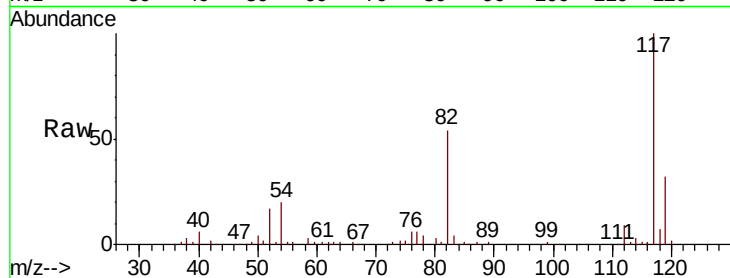
Tot Ion:117 Resp: 284258

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

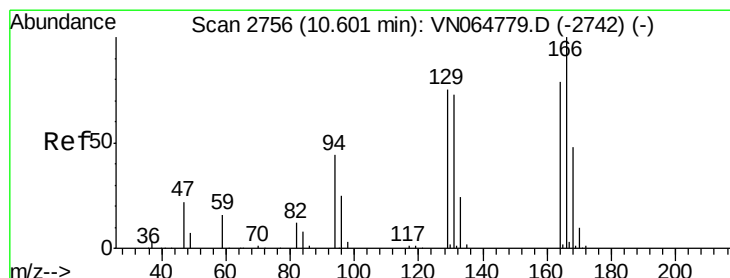
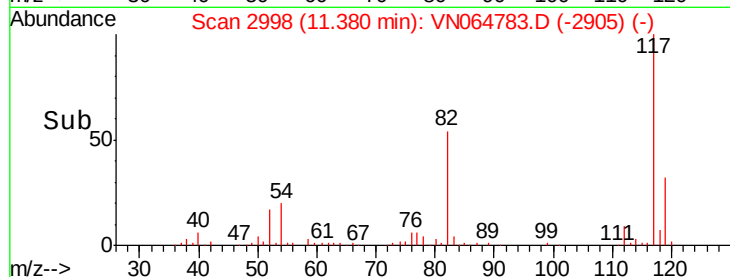
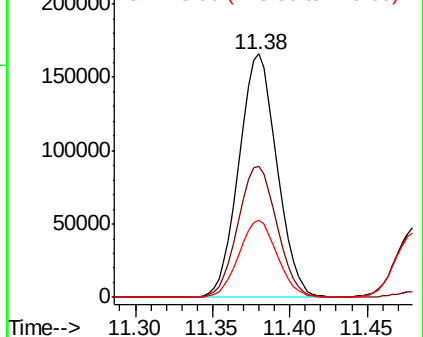
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.520 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Tgt Ion:164 Resp: 134184

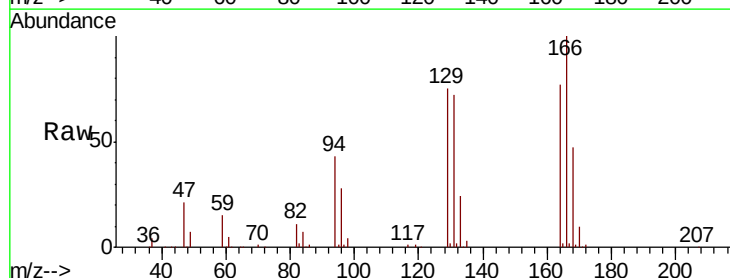
Ion Ratio Lower Upper

164 100

166 130.7 101.4 152.0

129 98.2 76.1 114.1

131 94.7 74.2 111.2

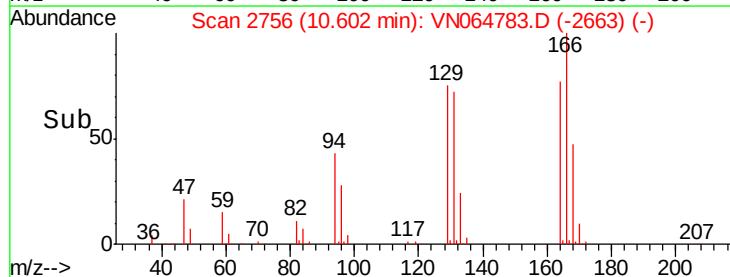
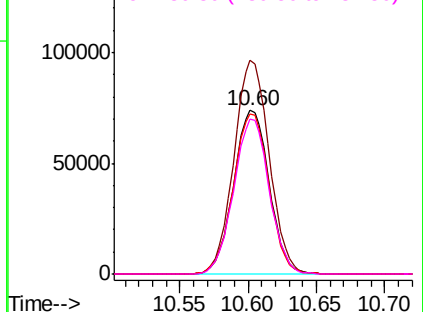


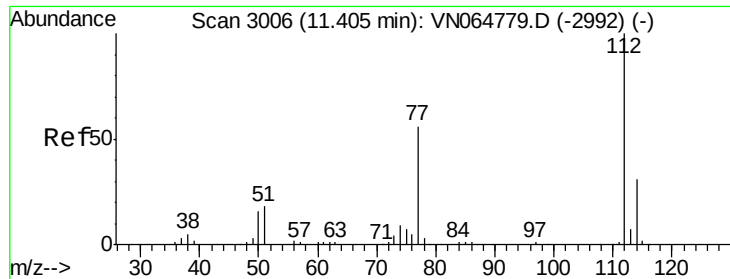
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

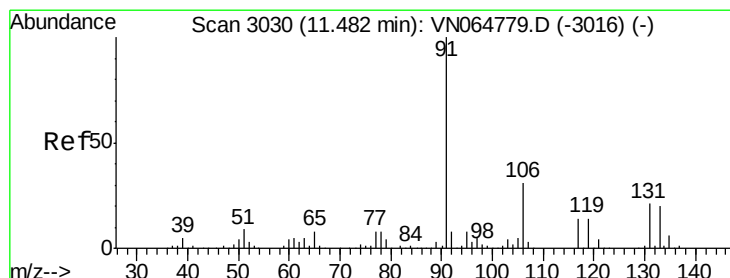
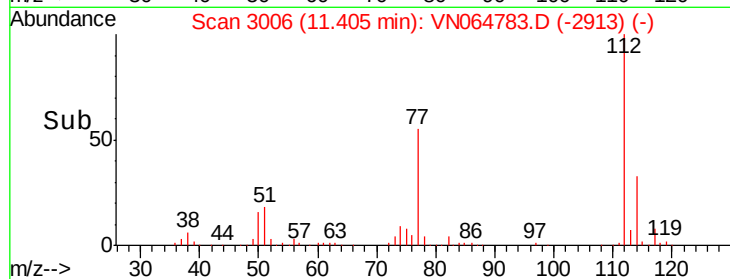
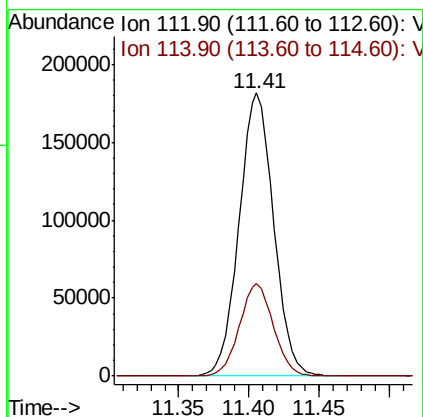
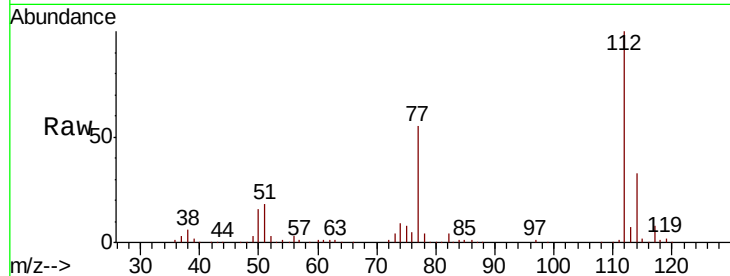




#65  
Chlorobenzene  
Concen: 51.062 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

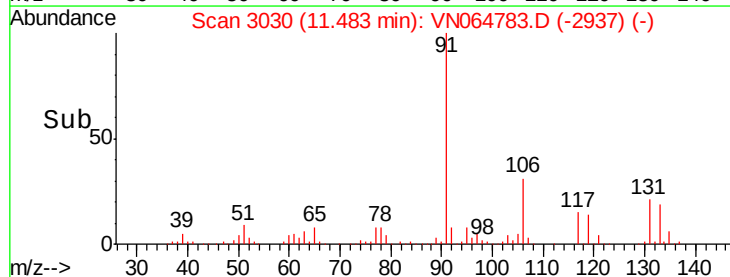
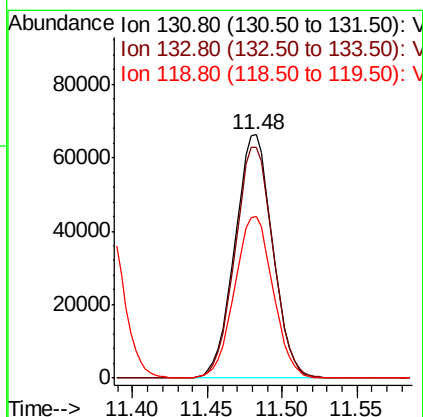
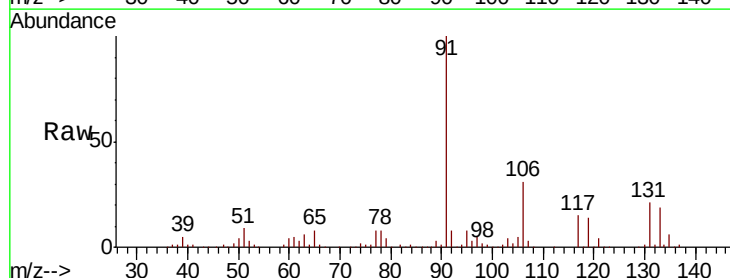
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN112320

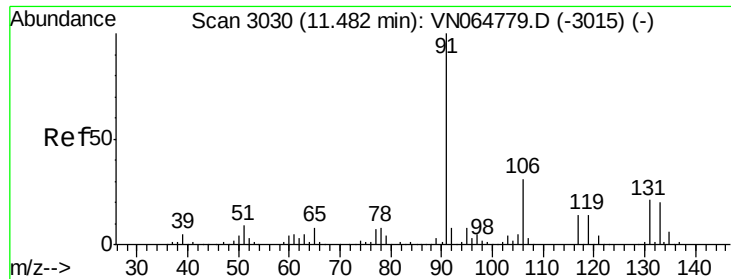
Tot Ion:112 Resp: 311698  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.900 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Tgt Ion:131 Resp: 116432  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.5 142.5  
119 67.6 33.3 99.8

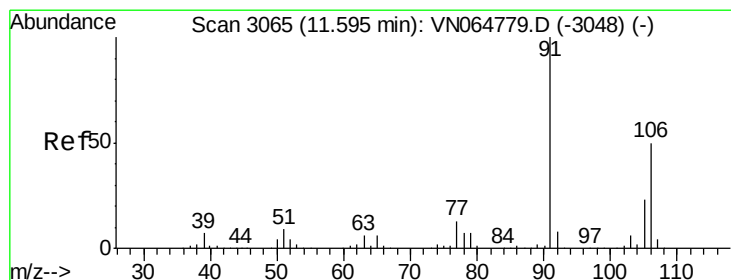
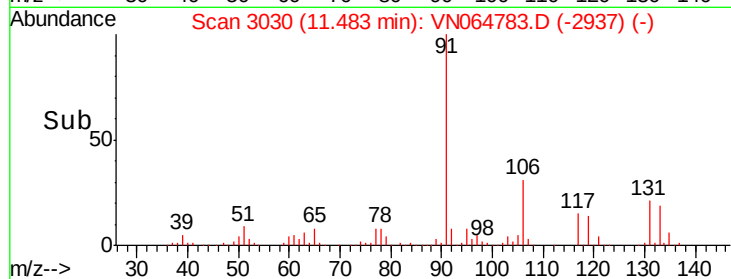
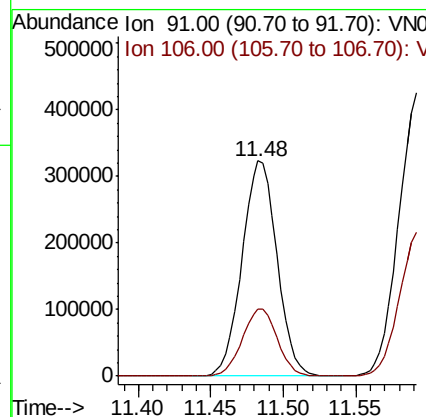
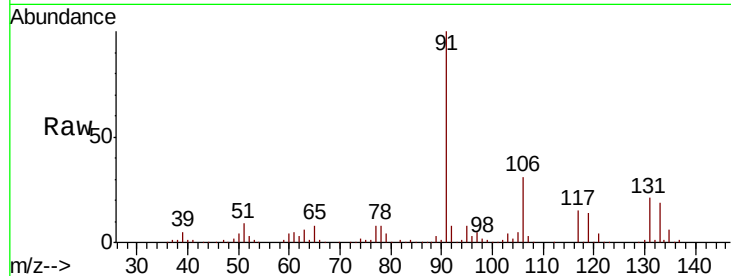




#67  
Ethyl Benzene  
Concen: 53.076 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

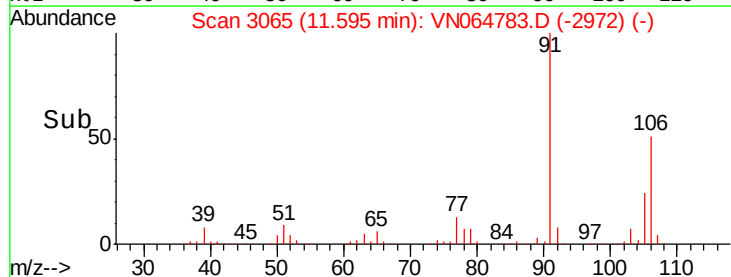
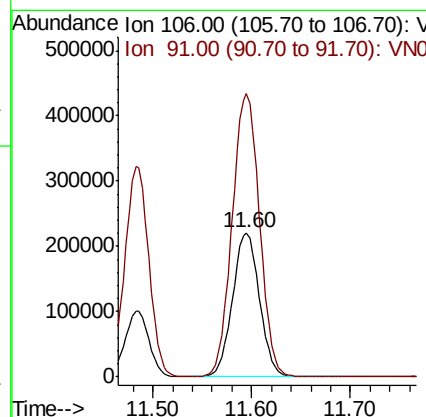
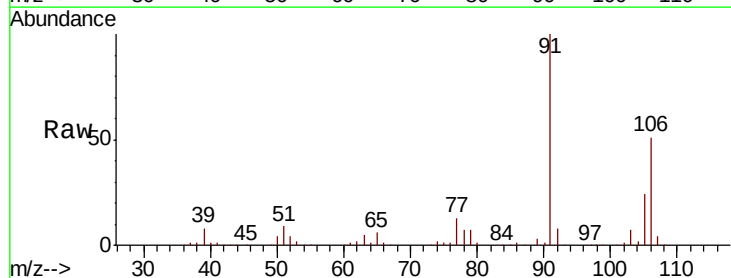
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN112320

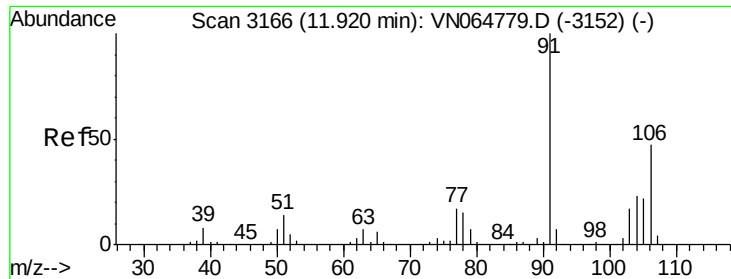
Tot Ion: 91 Resp: 541253  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.2 37.8



#68  
m/p-Xylenes  
Concen: 109.054 ug/l  
RT: 11.60 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Tgt Ion: 106 Resp: 421053  
Ion Ratio Lower Upper  
106 100  
91 200.6 161.0 241.4

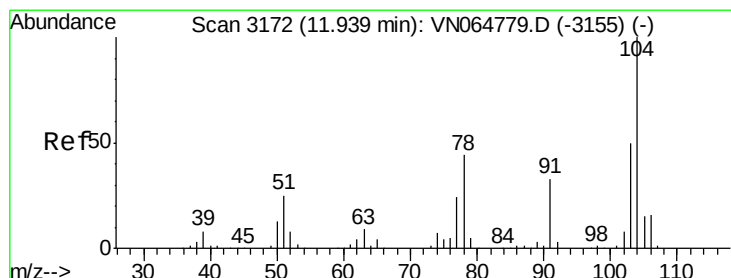
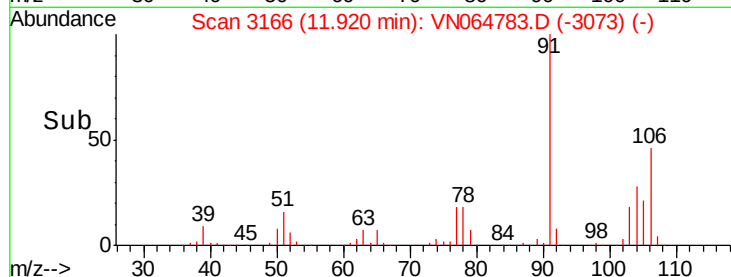
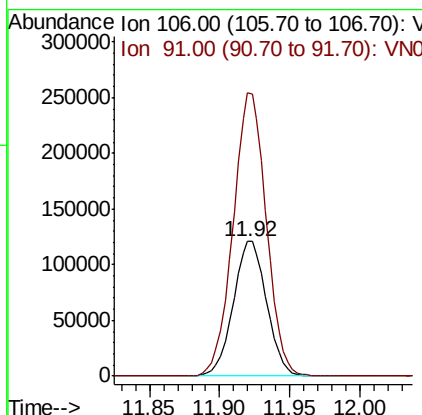
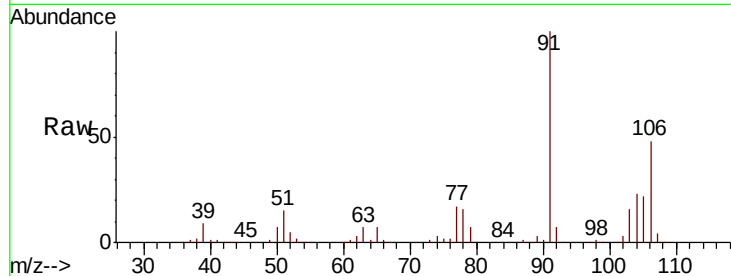




#69  
o-Xylene  
Concen: 54.702 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

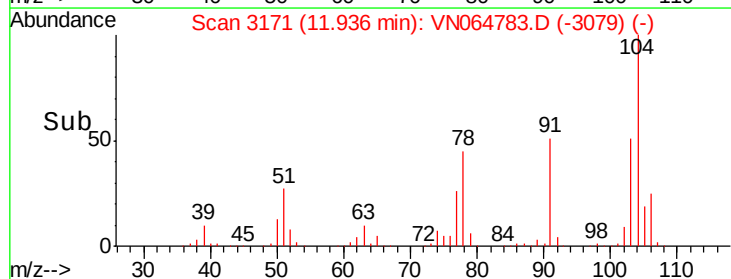
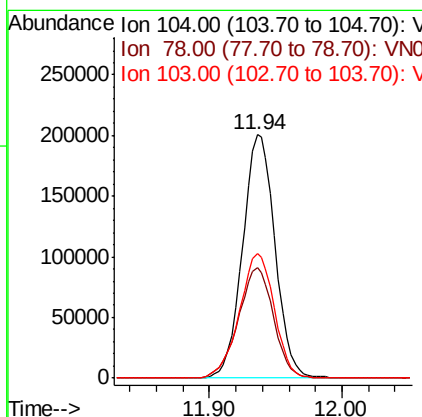
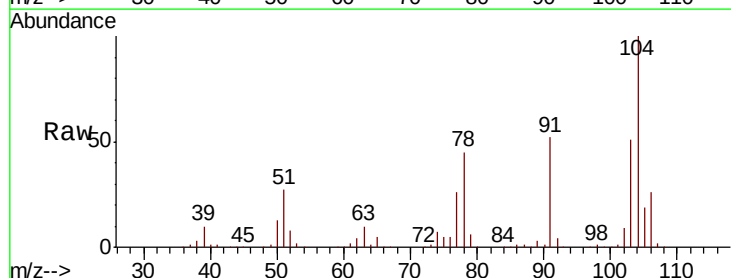
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN112320

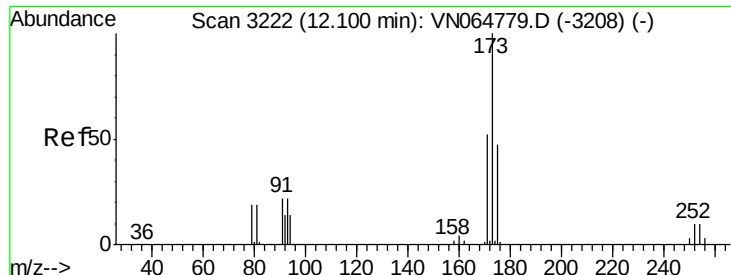
Tot Ion:106 Resp: 200420  
Ion Ratio Lower Upper  
106 100  
91 209.3 105.5 316.5



#70  
Styrene  
Concen: 55.019 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Tgt Ion:104 Resp: 340302  
Ion Ratio Lower Upper  
104 100  
78 49.3 39.0 58.6  
103 54.9 44.3 66.5





#71

Bromoform

Concen: 51.278 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

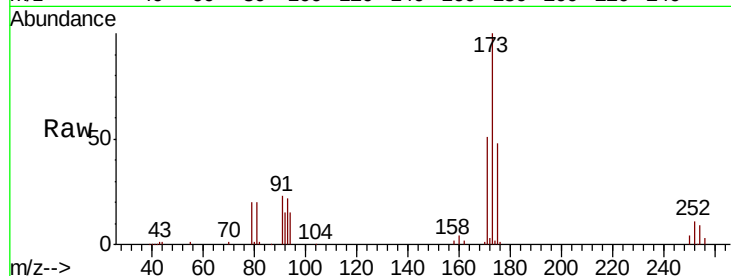
Tot Ion:173 Resp: 91880

Ion Ratio Lower Upper

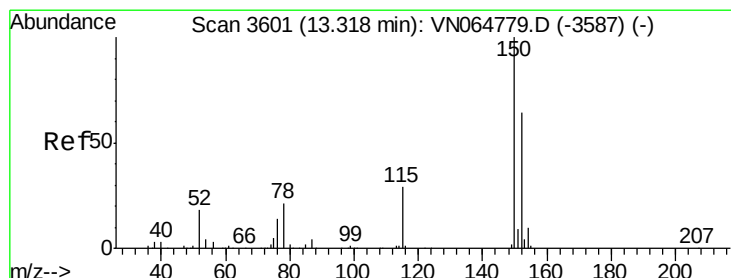
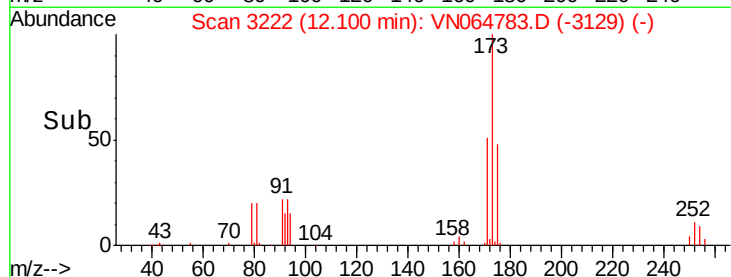
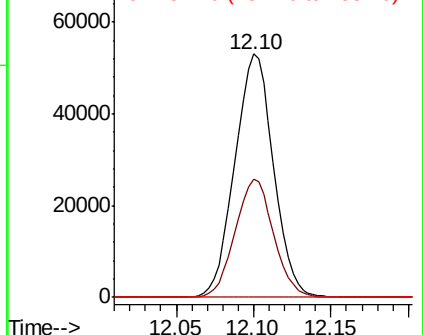
173 100

175 48.2 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

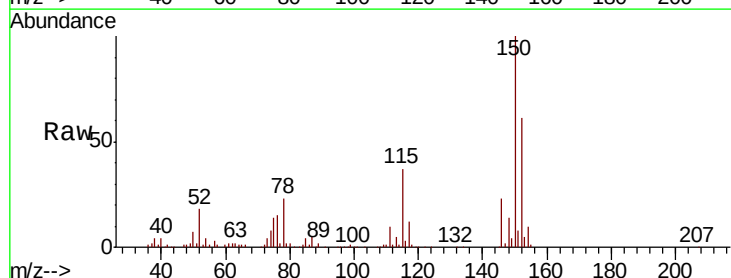
Tgt Ion:152 Resp: 143819

Ion Ratio Lower Upper

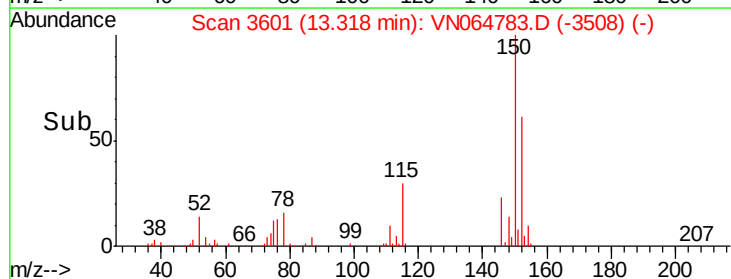
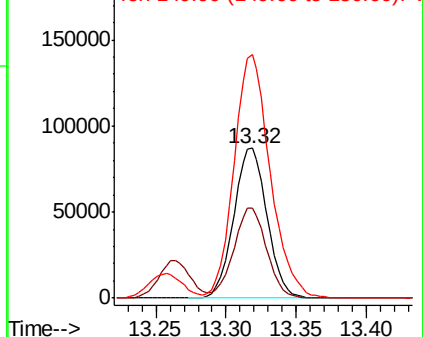
152 100

115 59.8 29.7 89.1

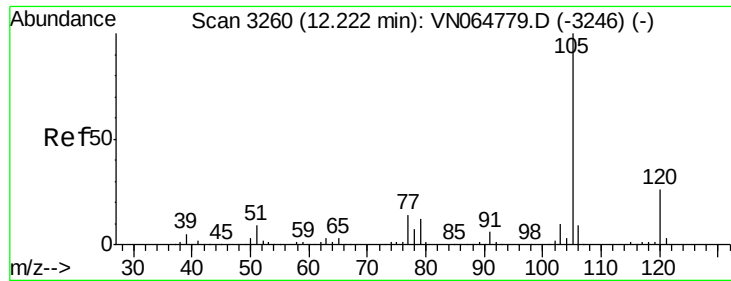
150 175.8 0.0 350.6



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







#73

Isopropylbenzene

Concen: 52.779 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

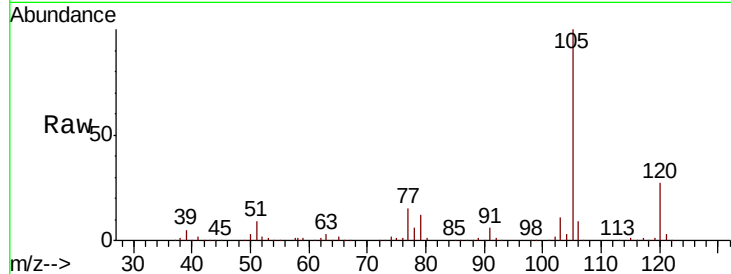
ICVNN112320

Tot Ion:105 Resp: 527980

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

300000

200000

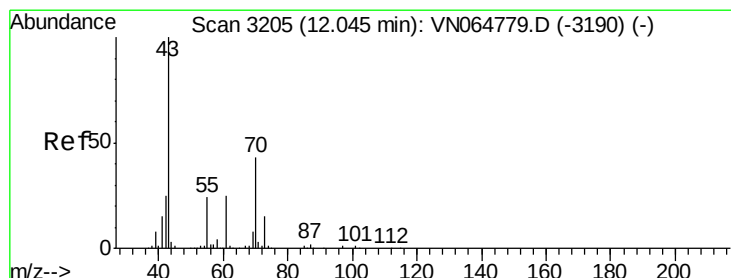
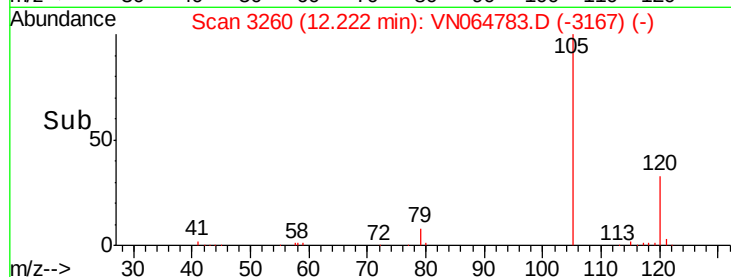
100000

0

Time-->

12.20

12.30



#74

N-ethyl acetate

Concen: 53.152 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Tgt Ion: 43 Resp: 209249

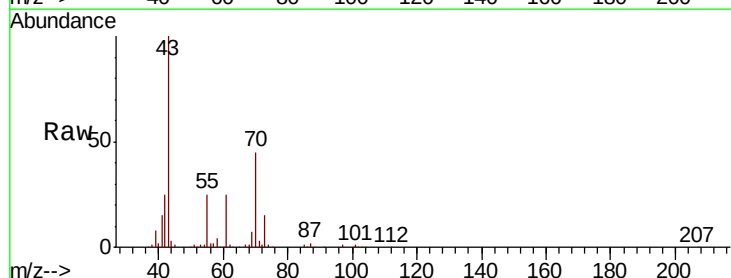
Ion Ratio Lower Upper

43 100

70 44.1 34.5 51.7

55 25.1 20.4 30.6

61 24.9 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

200000

150000

100000

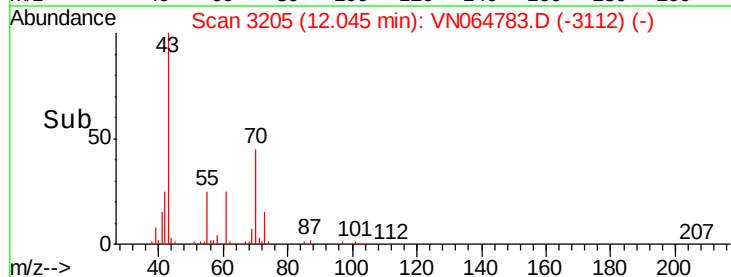
50000

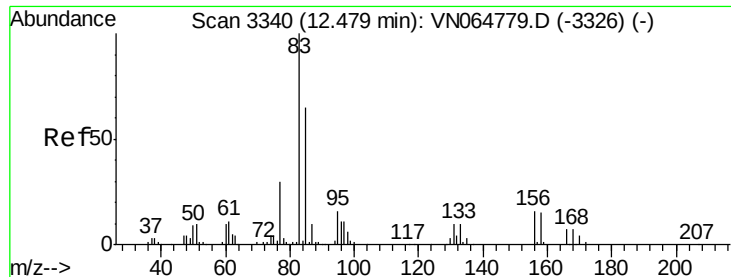
0

Time-->

12.00

12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 50.258 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

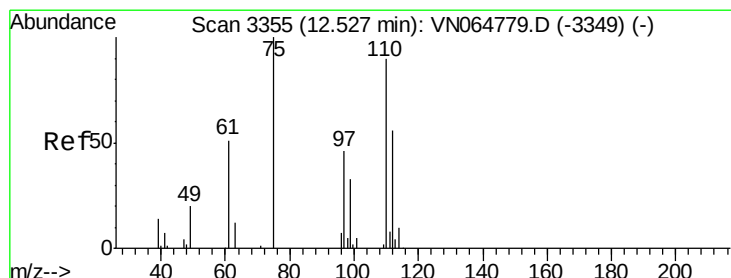
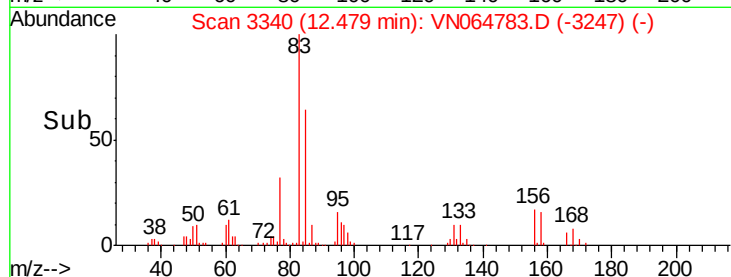
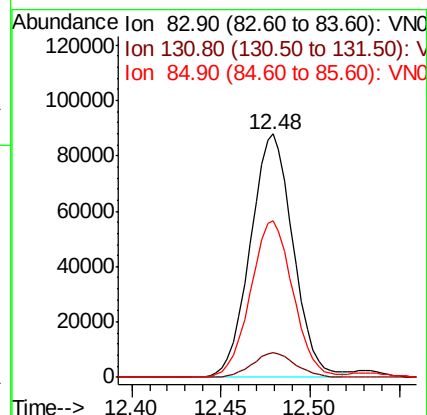
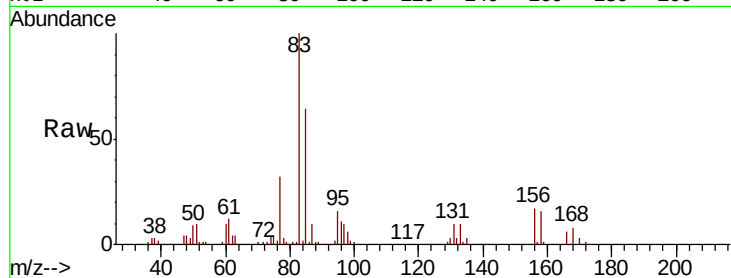
Tot Ion: 83 Resp: 147360

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 63.7 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 70.335 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064783.D

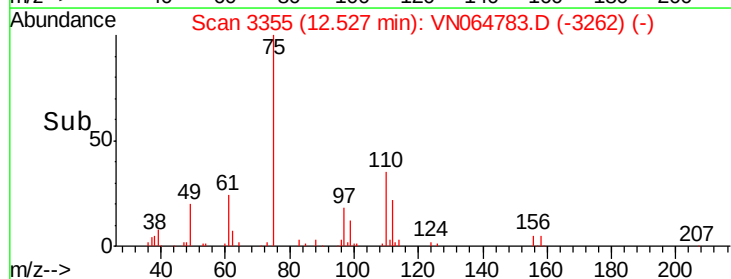
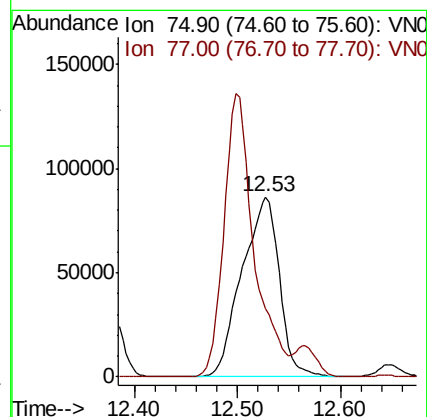
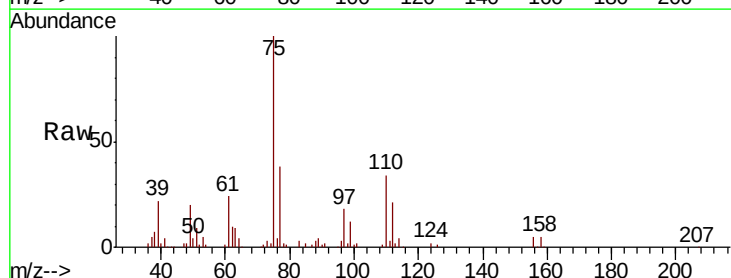
Acq: 23 Nov 2020 14:20

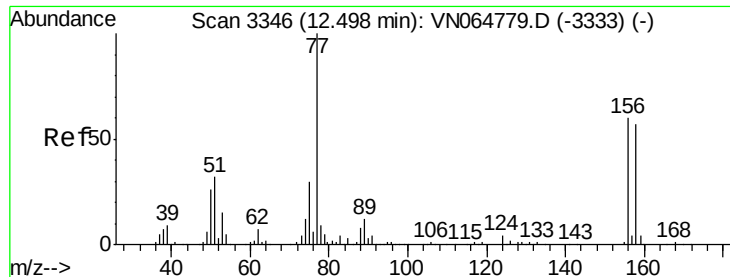
Tgt Ion: 75 Resp: 217847

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.224 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

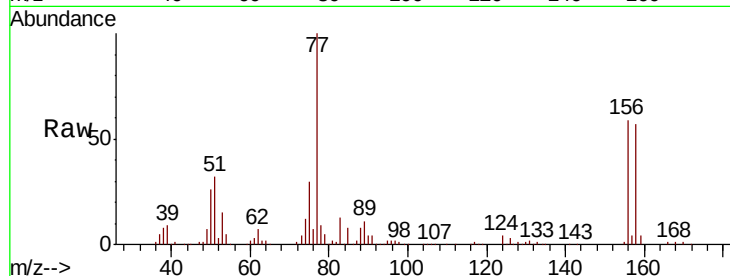
Tot Ion:156 Resp: 132755

Ion Ratio Lower Upper

156 100

77 207.3 101.3 303.7

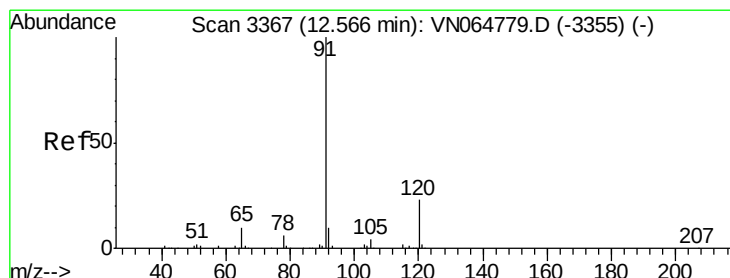
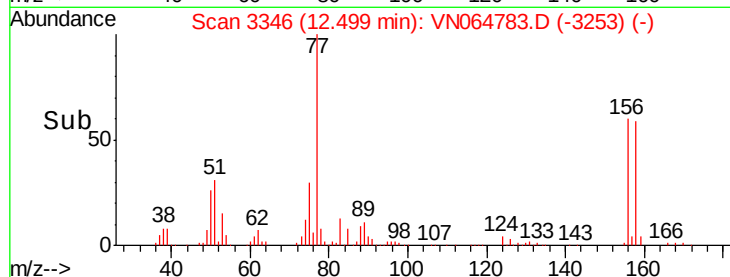
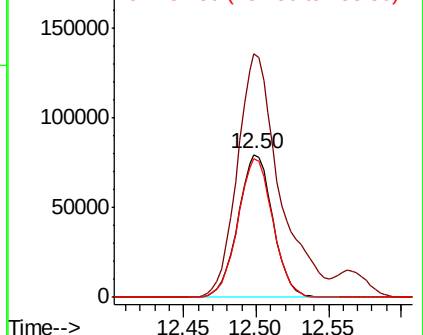
158 97.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.565 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064783.D

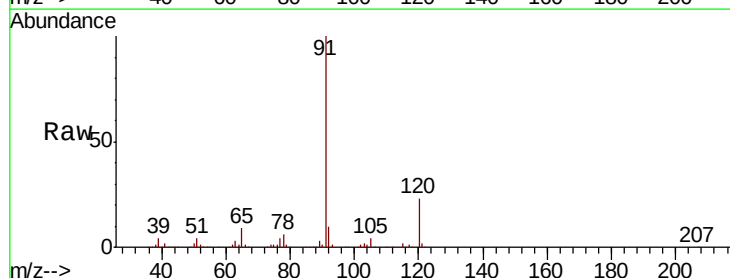
Acq: 23 Nov 2020 14:20

Tgt Ion: 91 Resp: 610432

Ion Ratio Lower Upper

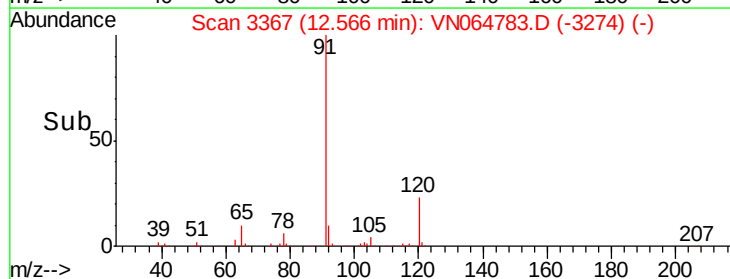
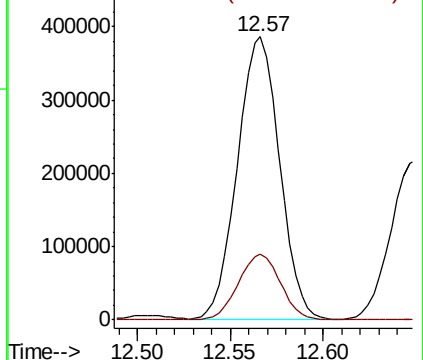
91 100

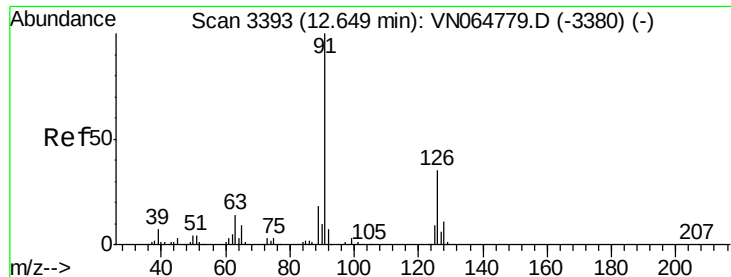
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.709 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

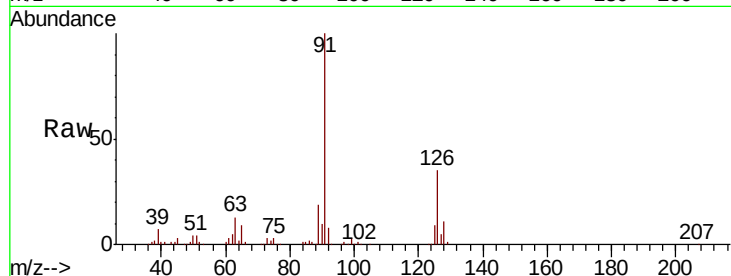
ICVVN112320

Tot Ion: 91 Resp: 357216

Ion Ratio Lower Upper

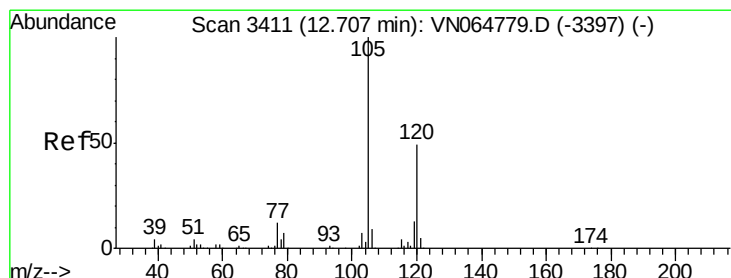
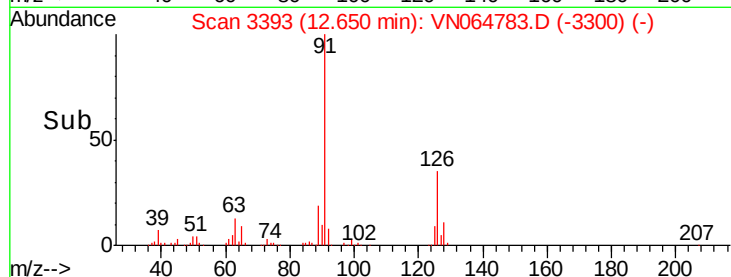
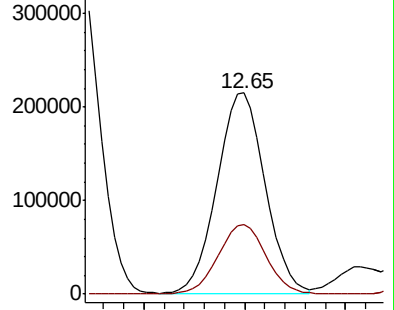
91 100

126 34.7 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.033 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064783.D

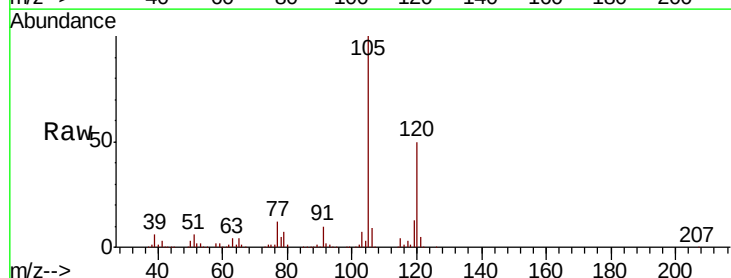
Acq: 23 Nov 2020 14:20

Tgt Ion: 105 Resp: 449280

Ion Ratio Lower Upper

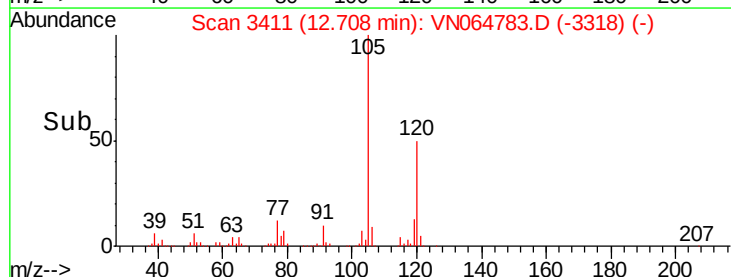
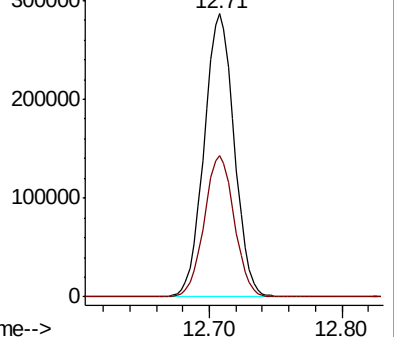
105 100

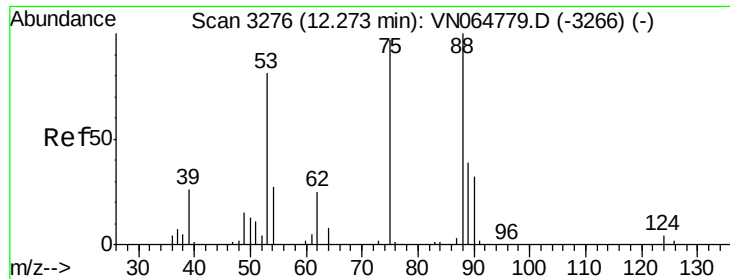
120 50.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)

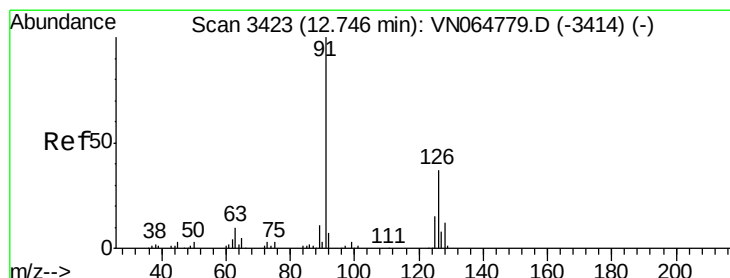
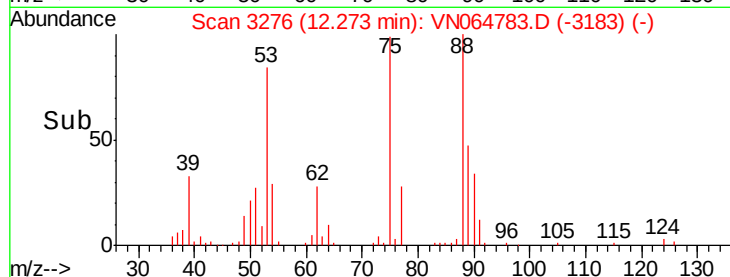
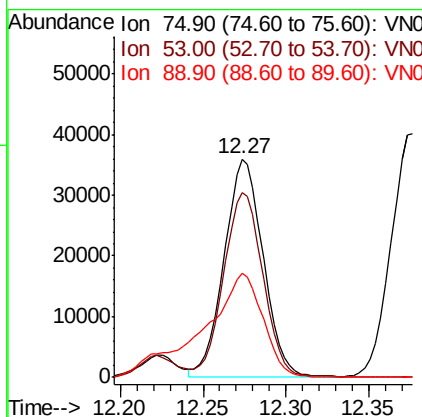
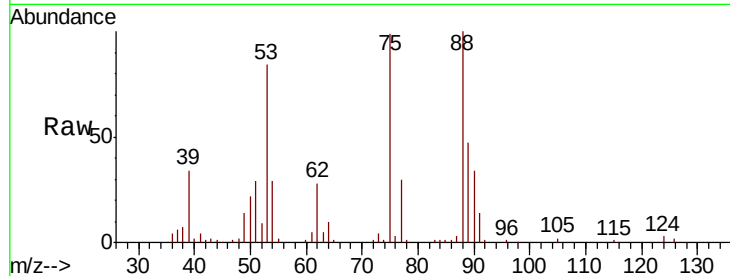




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.113 ug/l  
RT: 12.27 min Scan# 3276  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

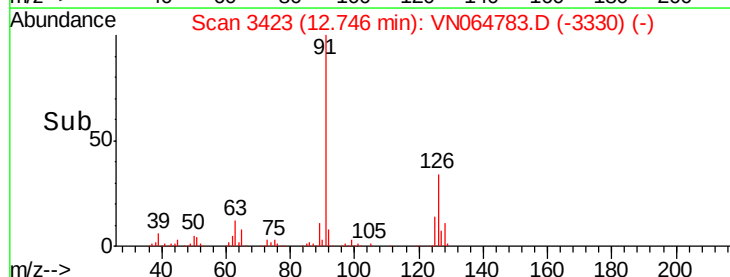
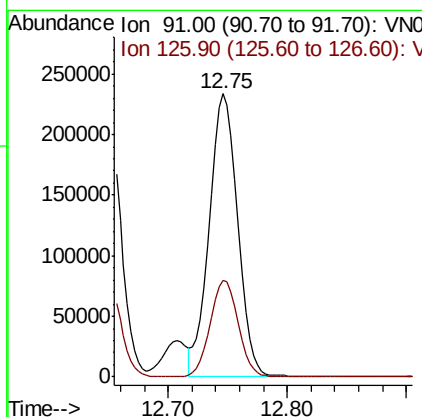
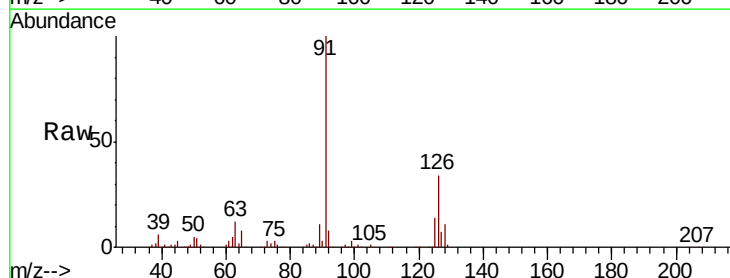
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN112320

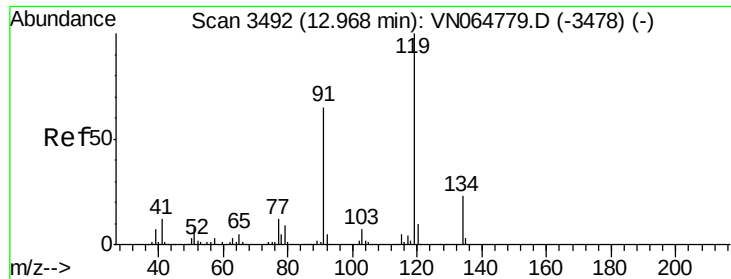
Tot Ion: 75 Resp: 58891  
Ion Ratio Lower Upper  
75 100  
53 84.5 67.0 100.4  
89 74.1 39.6 59.4#



#82  
4-Chlorotoluene  
Concen: 52.193 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. 0.00 min  
Lab File: VN064783.D  
Acq: 23 Nov 2020 14:20

Tgt Ion: 91 Resp: 385385  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.9 50.7

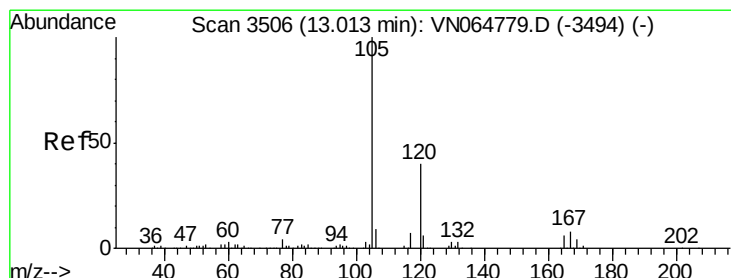
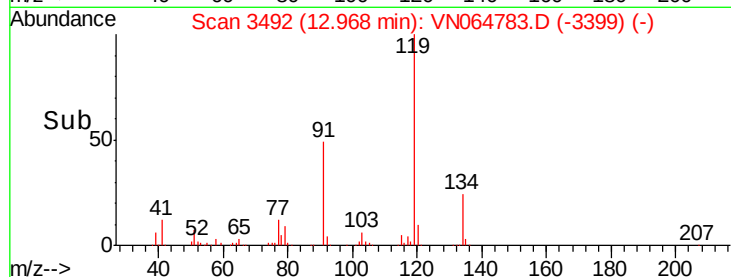
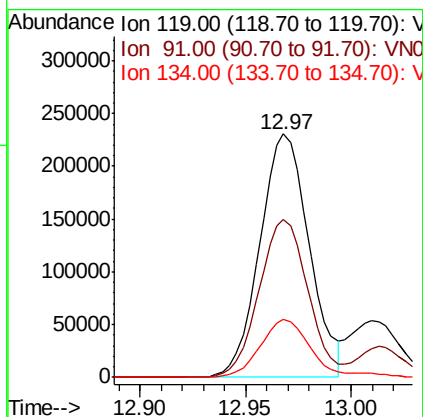
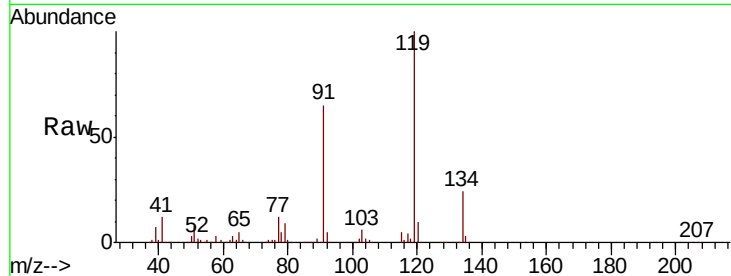




#83  
 tert-Butylbenzene  
 Concen: 53.842 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

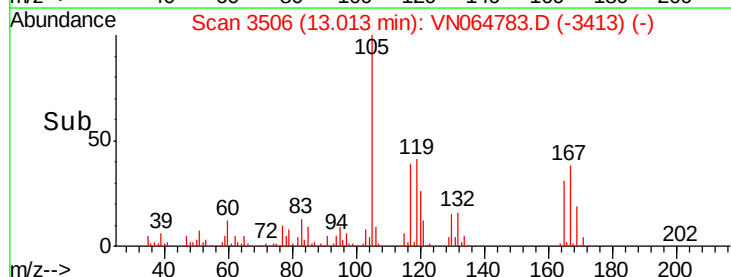
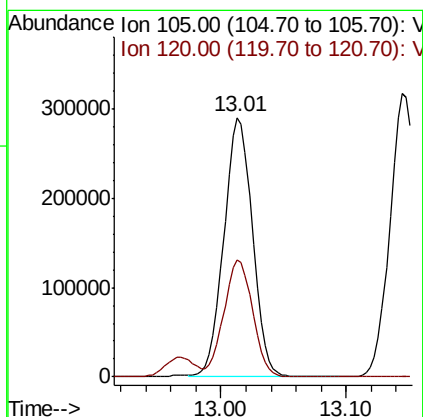
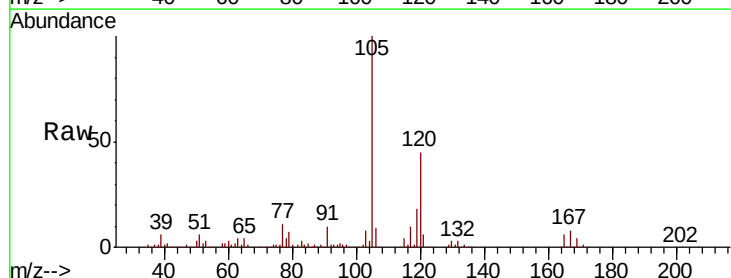
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

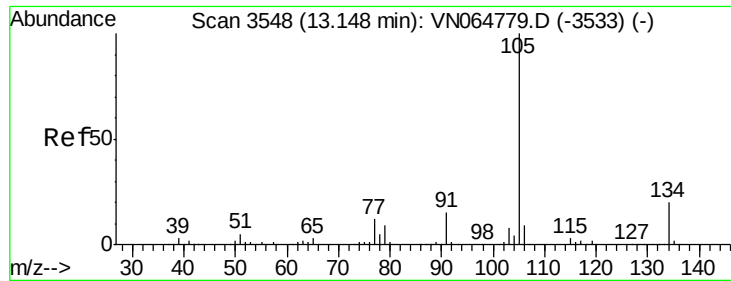
Tot Ion:119 Resp: 375258  
 Ion Ratio Lower Upper  
 119 100  
 91 64.4 32.3 96.8  
 134 24.8 12.6 37.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.262 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion:105 Resp: 456178  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 23.1 69.2

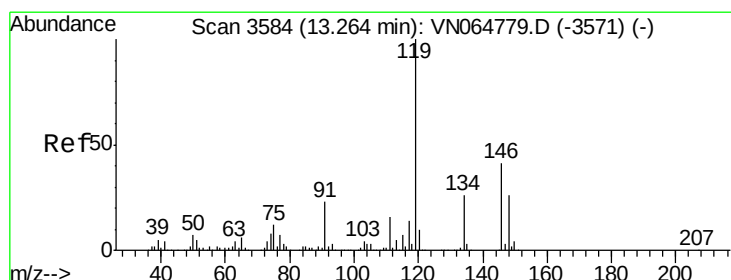
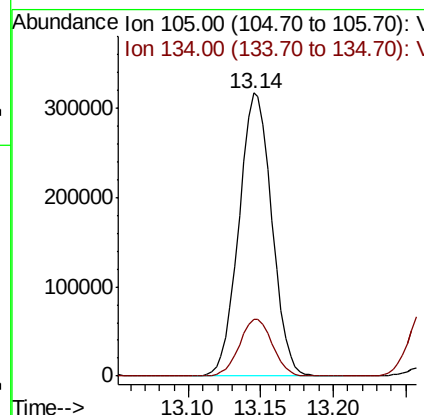
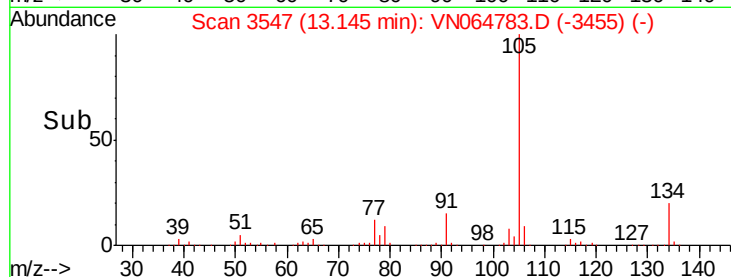
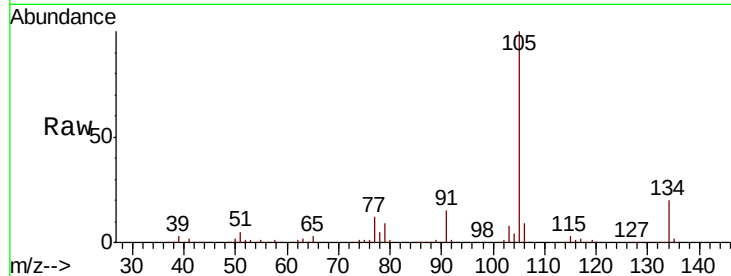




#85  
 sec-Butylbenzene  
 Concen: 53.696 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. -0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

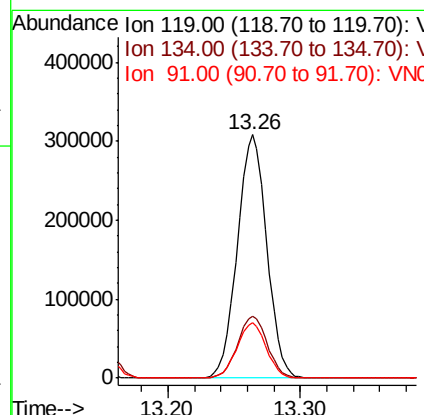
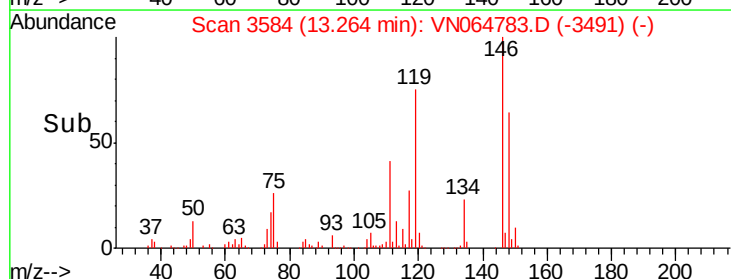
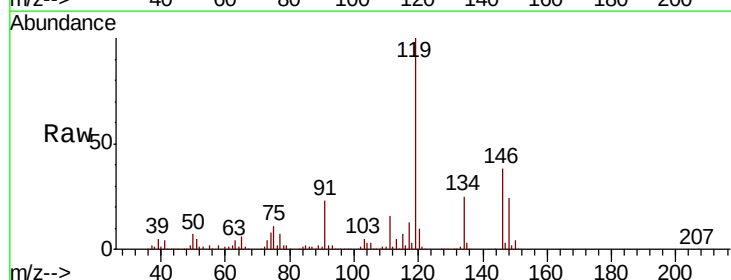
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

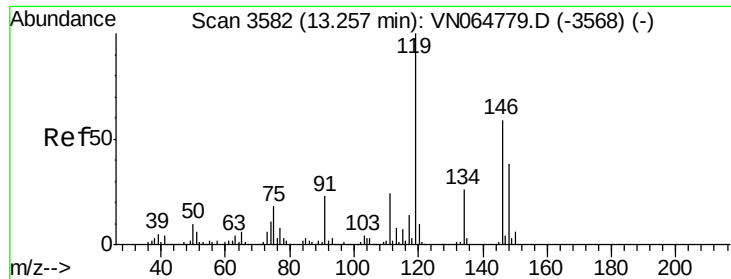
Tot Ion:105 Resp: 496884  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 56.155 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion:119 Resp: 473095  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.1 39.1  
 91 22.6 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 50.709 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

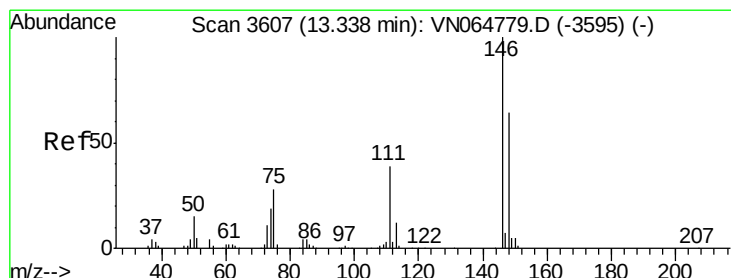
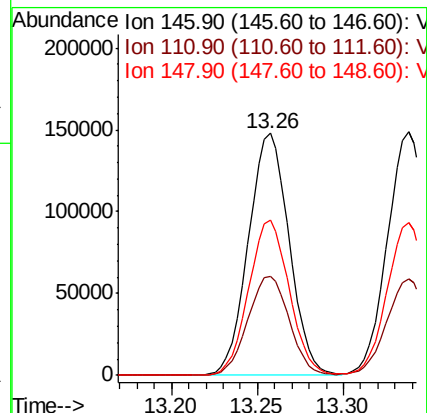
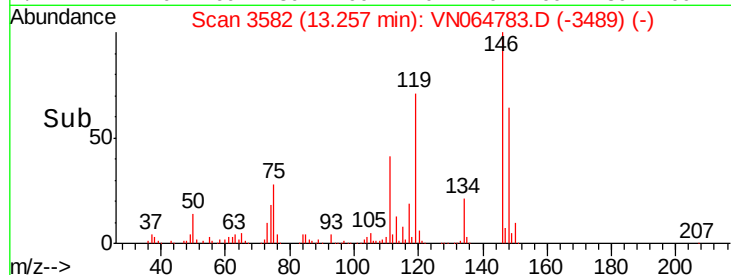
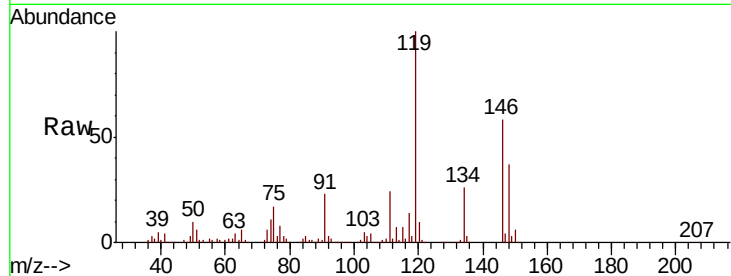
Tot Ion:146 Resp: 242976

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.460 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

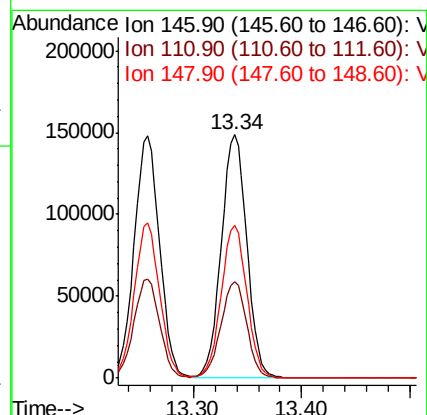
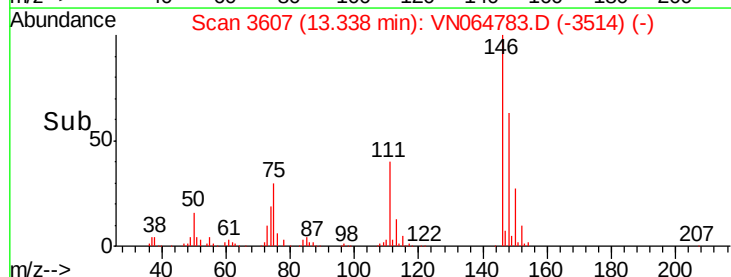
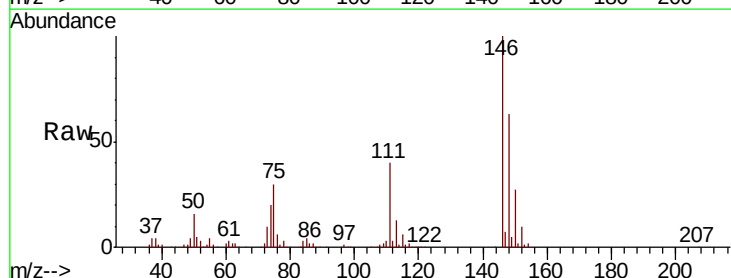
Tgt Ion:146 Resp: 245563

Ion Ratio Lower Upper

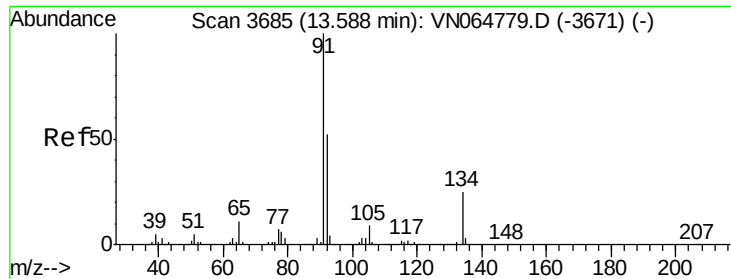
146 100

111 39.8 19.8 59.3

148 62.5 31.9 95.5







#89

n-Butylbenzene

Concen: 54.122 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

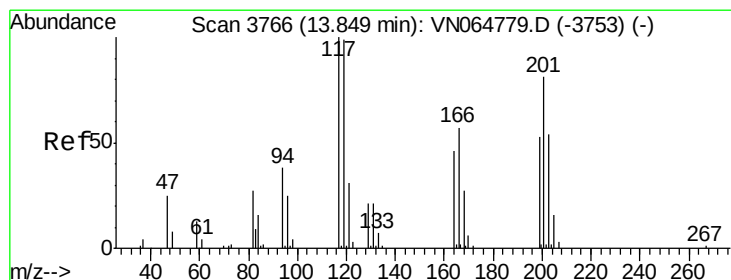
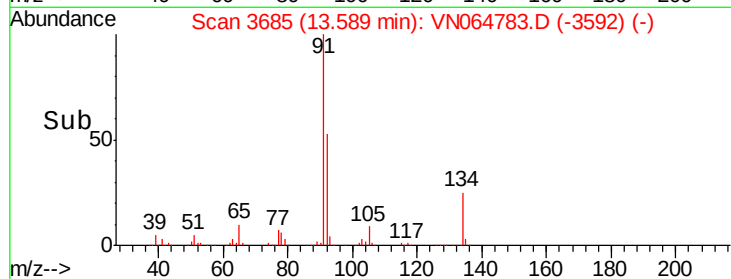
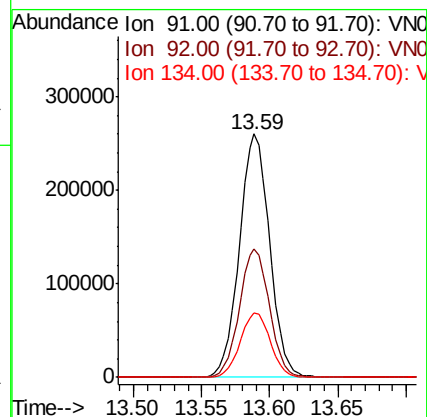
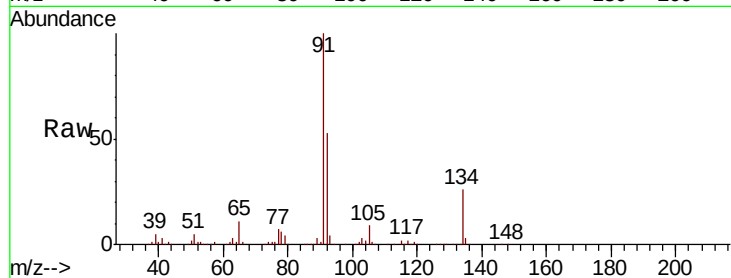
Tot Ion: 91 Resp: 400425

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

134 26.5 12.9 38.6



#90

Hexachloroethane

Concen: 53.664 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064783.D

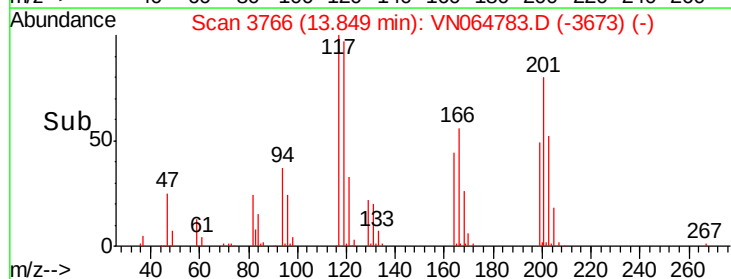
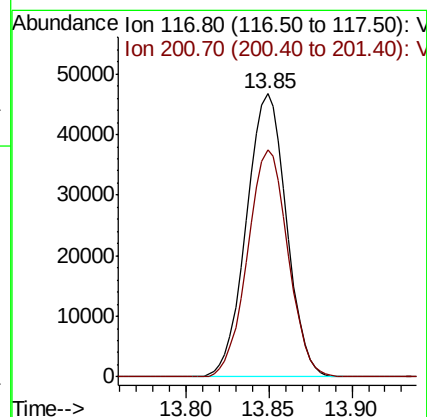
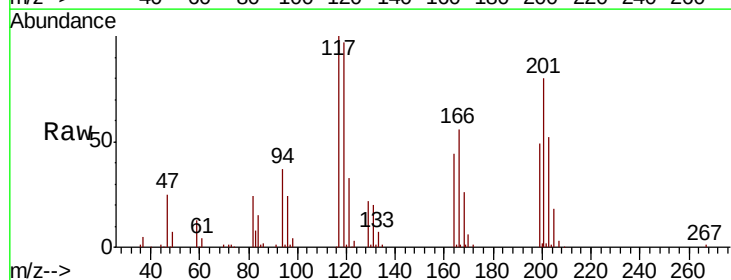
Acq: 23 Nov 2020 14:20

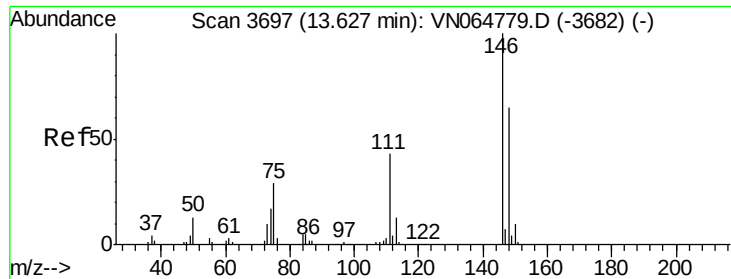
Tgt Ion: 117 Resp: 78541

Ion Ratio Lower Upper

117 100

201 80.7 40.1 120.3

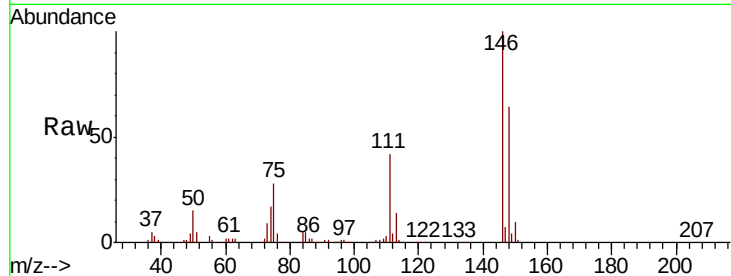




#91  
 1,2-Dichlorobenzene  
 Concen: 49.911 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 21.1  | 63.1  |
| 148     | 64.1  | 32.0  | 96.2  |

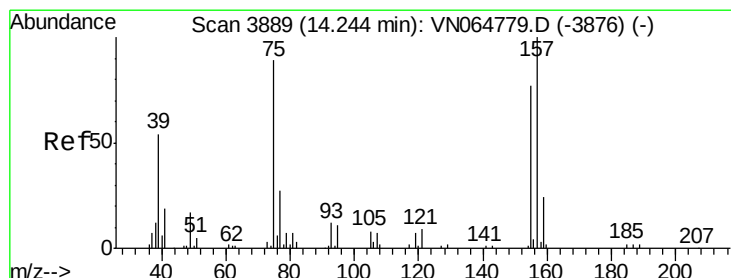
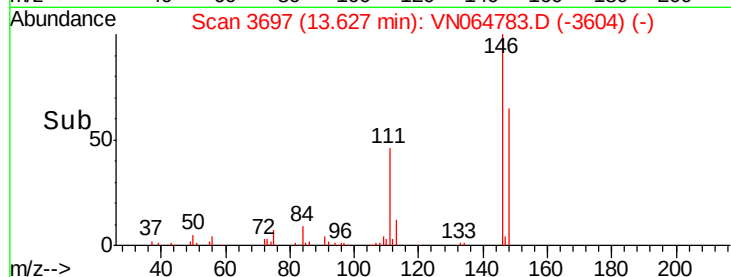
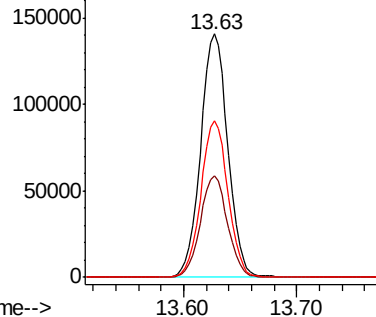


Abundance

Ion 145.90 (145.60 to 146.60): V

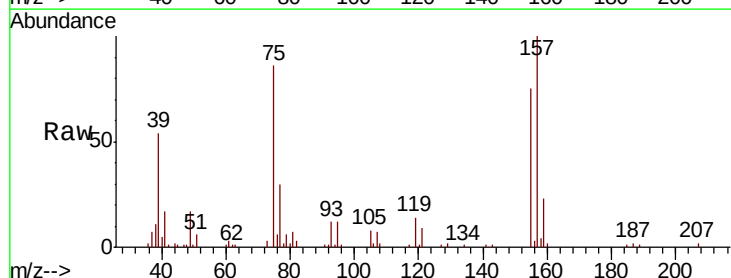
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.345 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 87.4  | 42.8  | 128.3 |
| 157     | 116.8 | 56.4  | 169.1 |

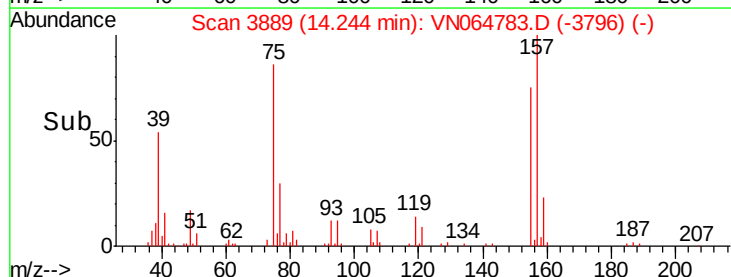
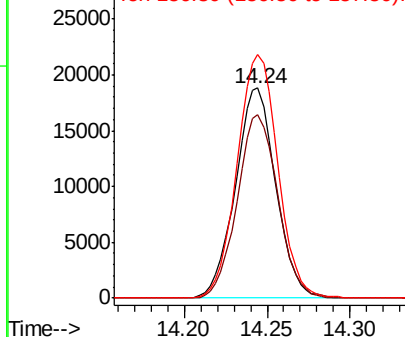


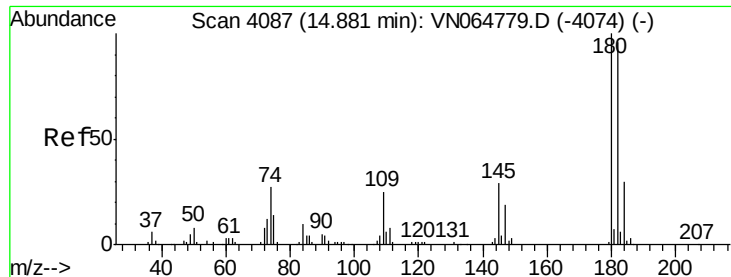
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

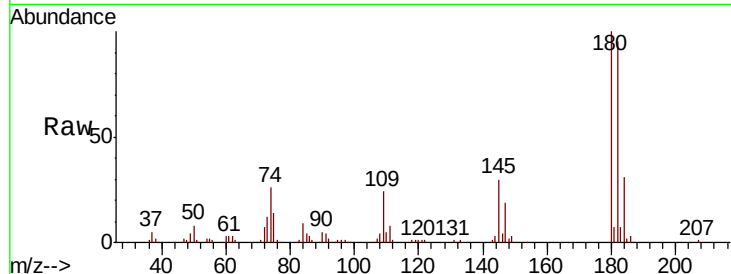




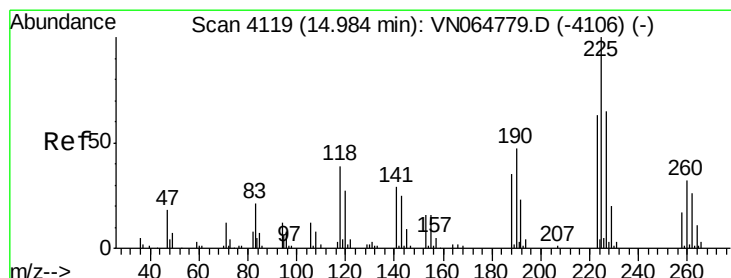
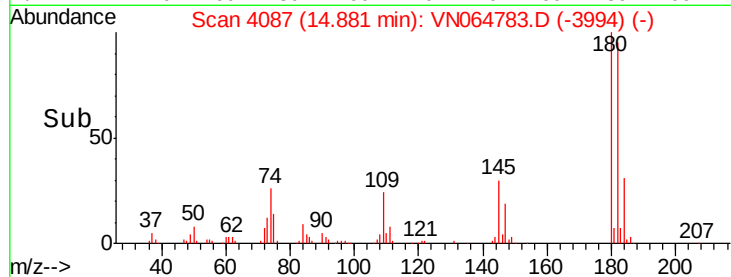
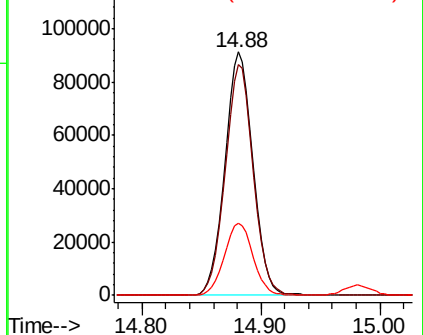
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.929 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN112320

Tot Ion:180 Resp: 148227  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 47.6 142.9  
 145 30.5 15.3 45.8

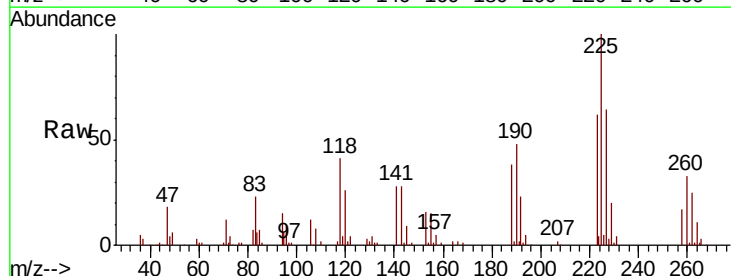


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

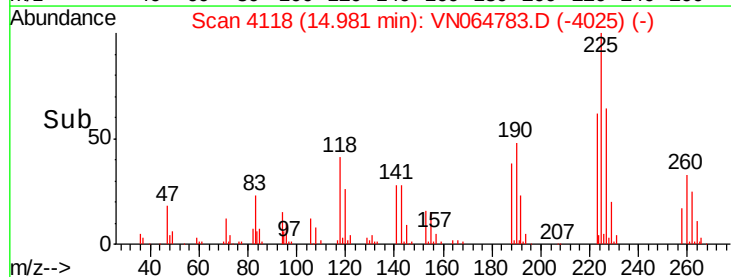
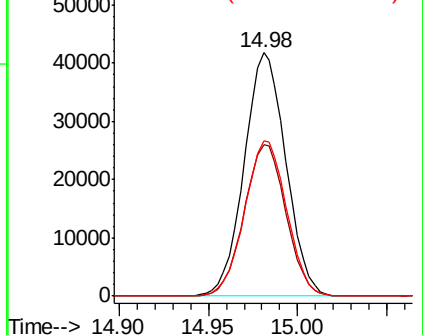


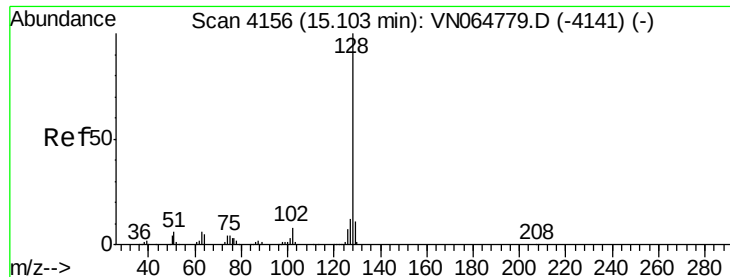
#94  
 Hexachlorobutadiene  
 Concen: 52.128 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064783.D  
 Acq: 23 Nov 2020 14:20

Tgt Ion:225 Resp: 68341  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 31.0 93.0  
 227 64.3 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.413 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN112320

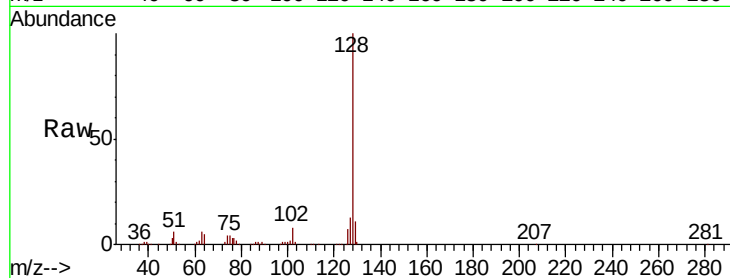
Tot Ion:128 Resp: 448288

Ion Ratio Lower Upper

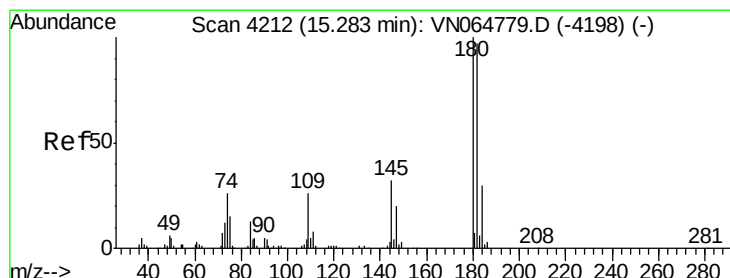
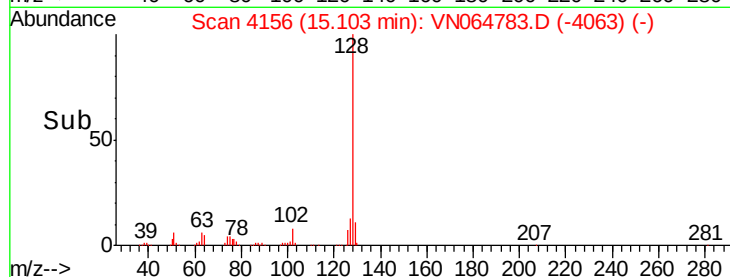
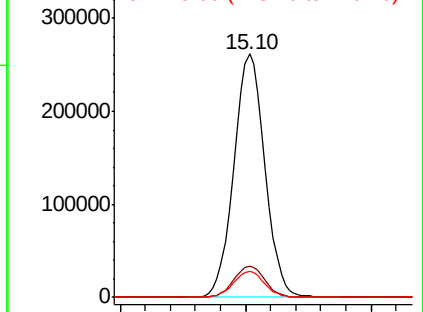
128 100

127 12.9 10.3 15.5

129 10.6 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 50.909 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064783.D

Acq: 23 Nov 2020 14:20

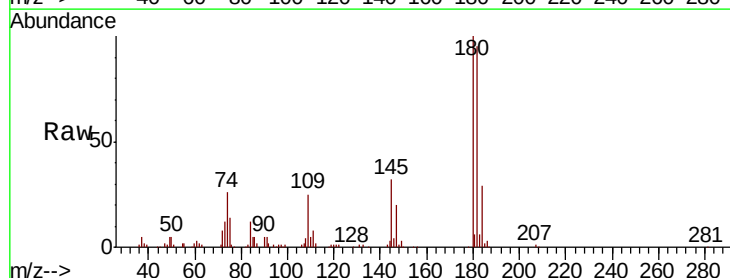
Tgt Ion:180 Resp: 140877

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.4

145 32.2 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

