

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\  
 Data File : VN061547.D  
 Acq On : 28 May 2020 22:26  
 Operator : JC/MD  
 Sample : VN0528WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

Quant Time: May 29 02:18:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 332175   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 583792   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 541474   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 255983   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 211645   | 53.48 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.96% |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 161406   | 54.50 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 109.00% |      |
| 50) Toluene-d8              | 10.06  | 98  | 693537   | 50.54 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.08% |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 244461   | 48.82 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.64%  |      |

| Target Compounds              |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 73076  | 19.764 | ug/l | 98     |
| 3) Chloromethane              | 2.03 | 50  | 79998  | 19.745 | ug/l | 100    |
| 4) Vinyl Chloride             | 2.16 | 62  | 111281 | 20.043 | ug/l | 100    |
| 5) Bromomethane               | 2.54 | 94  | 65182  | 20.460 | ug/l | 98     |
| 6) Chloroethane               | 2.67 | 64  | 71258  | 19.940 | ug/l | 100    |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 139603 | 19.499 | ug/l | 98     |
| 8) Diethyl Ether              | 3.37 | 74  | 41839  | 19.111 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 61300  | 19.295 | ug/l | 97     |
| 10) Methyl Iodide             | 3.91 | 142 | 86074  | 19.516 | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 49629  | 94.278 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 62845  | 18.515 | ug/l | 99     |
| 13) Acrolein                  | 3.57 | 56  | 15417  | 80.296 | ug/l | 93     |
| 14) Allyl chloride            | 4.27 | 41  | 83059  | 18.718 | ug/l | 99     |
| 15) Acrylonitrile             | 4.93 | 53  | 138305 | 94.128 | ug/l | 99     |
| 16) Acetone                   | 3.78 | 43  | 110175 | 97.221 | ug/l | 96     |
| 17) Carbon Disulfide          | 4.01 | 76  | 152435 | 20.413 | ug/l | 97     |
| 18) Methyl Acetate            | 4.27 | 43  | 66853  | 18.660 | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 214482 | 18.541 | ug/l | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 70835  | 18.599 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96  | 70934  | 18.531 | ug/l | 97     |
| 22) Diisopropyl ether         | 5.90 | 45  | 185038 | 18.919 | ug/l | 93     |
| 23) Vinyl Acetate             | 5.84 | 43  | 738184 | 94.698 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 117206 | 18.898 | ug/l | 98     |
| 25) 2-Butanone                | 6.79 | 43  | 172081 | 91.745 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 92421  | 16.282 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 83419  | 19.246 | ug/l | 97     |
| 28) Bromochloromethane        | 7.15 | 49  | 46817  | 19.250 | ug/l | 95     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 115427 | 93.325 | ug/l | 100    |
| 30) Chloroform                | 7.33 | 83  | 128602 | 18.743 | ug/l | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 105977 | 19.000 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 117800 | 18.842 | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 94991  | 18.380 | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 76257  | 18.320 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 90982  | 18.251 | ug/l | 96     |

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 Sample : VN0528WBSD01  
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 ALS Vial : 15 Sample Multiplier: 1

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 MSVOA\_N  
 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 115829   | 18.183  | ug/l   | 96       |
| 40) Benzene                    | 8.00  | 78   | 287150   | 18.008  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.12  | 41   | 32271    | 16.921  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 97927    | 18.344  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 133069   | 17.769  | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 87863    | 17.929  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 69151    | 18.263  | ug/l   | 95       |
| 46) Dibromomethane             | 9.18  | 93   | 52916    | 18.222  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.37  | 83   | 104033   | 18.082  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 57709    | 17.128  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 17754    | 340.133 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 378836   | 89.768  | ug/l   | 98       |
| 52) Toluene                    | 10.12 | 92   | 189825   | 18.239  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 109122   | 17.606  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 118234   | 17.742  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.54 | 97   | 75850    | 18.293  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 103594   | 17.885  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 120204   | 18.126  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 224091   | 90.531  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 266253   | 87.849  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.87 | 129  | 81579    | 17.306  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 77968    | 18.029  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 88708    | 17.404  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.41 | 112  | 204702   | 18.187  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 72572    | 17.317  | ug/l   | 95       |
| 67) Ethyl Benzene              | 11.48 | 91   | 356878   | 18.345  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.60 | 106  | 281591   | 36.507  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 134459   | 18.353  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 217803   | 17.952  | ug/l   | 97       |
| 71) Bromoform                  | 12.10 | 173  | 52788    | 16.346  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 354628   | 18.981  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 109408   | 18.595  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 97110    | 18.548  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 122786   | 26.379  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 87307    | 18.307  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.57 | 91   | 392062   | 18.797  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 233575   | 18.781  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 294989   | 18.890  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 30494    | 16.753  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 241968   | 18.493  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 252373   | 18.291  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 293463   | 18.917  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 334422   | 18.810  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 303581   | 18.542  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 155829   | 18.452  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 156549   | 18.196  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 255802   | 18.653  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 34227    | 18.902  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 151417   | 18.762  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 19336    | 18.108  | ug/l   | 95       |

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Sample : VN0528WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VN0528WBSD01

Quant Time: May 29 02:18:45 2020  
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Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration

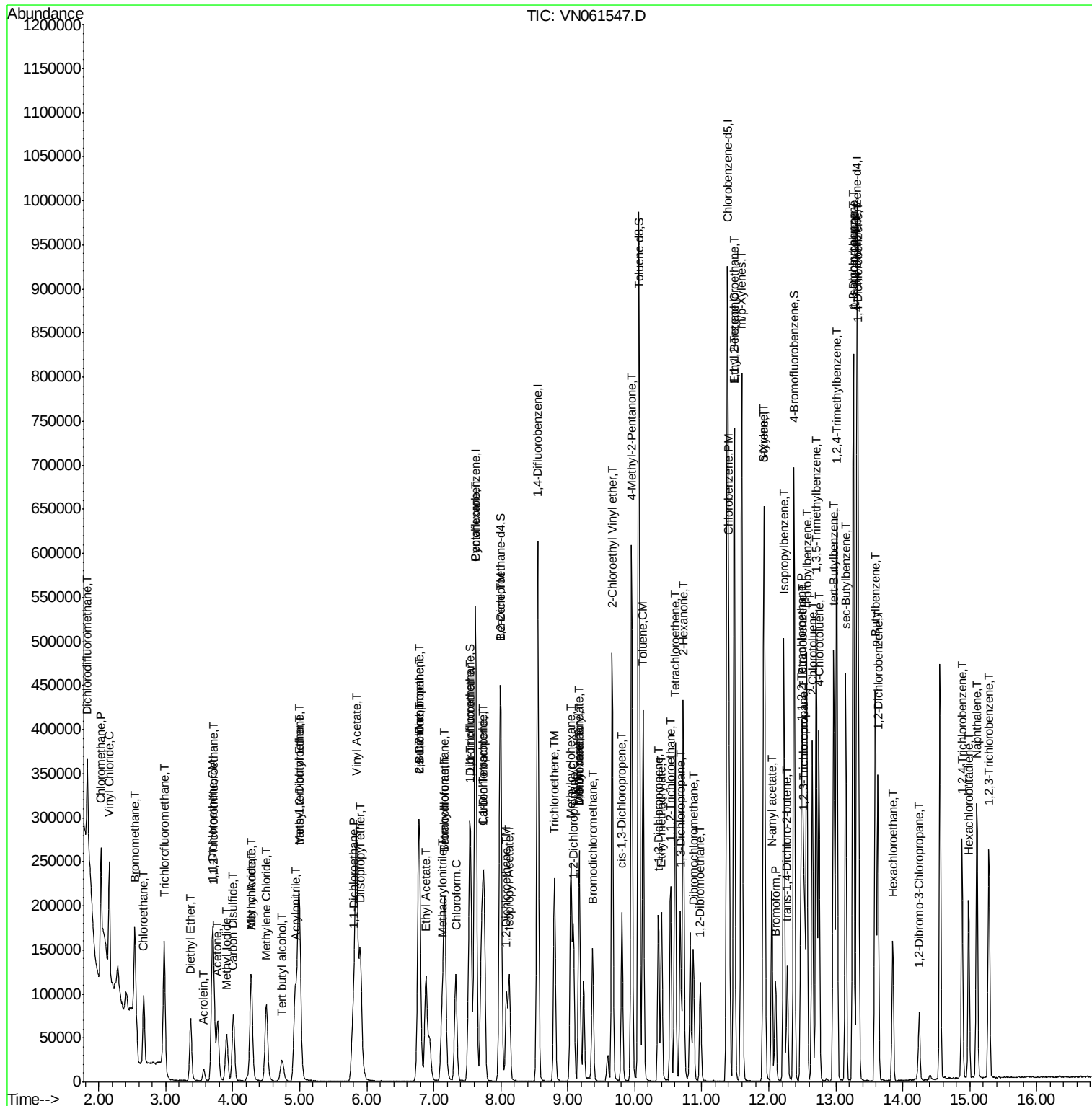
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 84799    | 17.966 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 34814    | 17.294 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 275873   | 19.203 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 84882    | 18.291 | ug/l  | 98       |

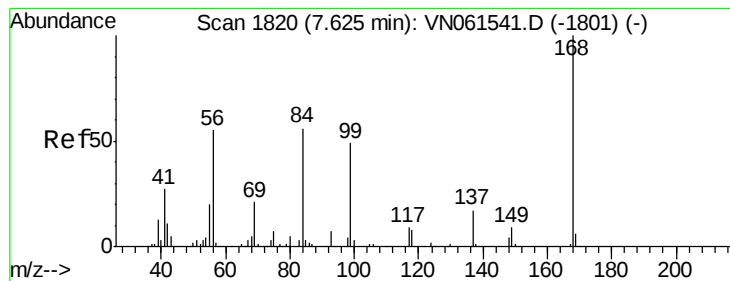
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\  
 Data File : VN061547.D  
 Acq On : 28 May 2020 22:26  
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 Sample : VN0528WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

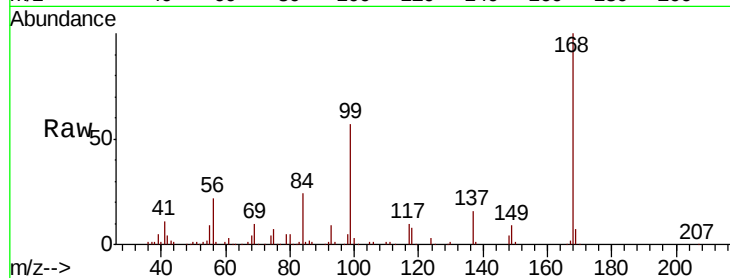
VN0528WBSD01

Tot Ion:168 Resp: 332175

Ion Ratio Lower Upper

168 100

99 56.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

150000

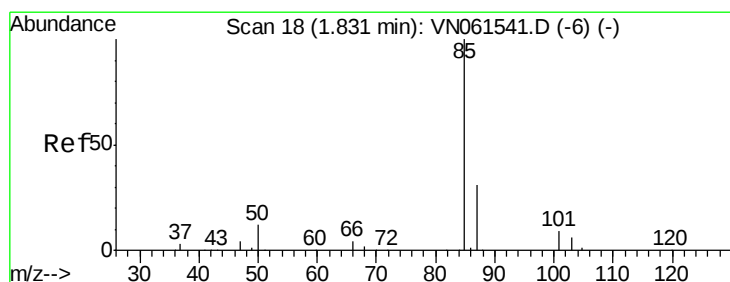
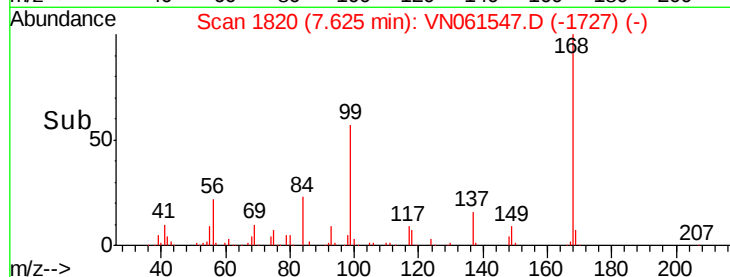
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.764 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061547.D

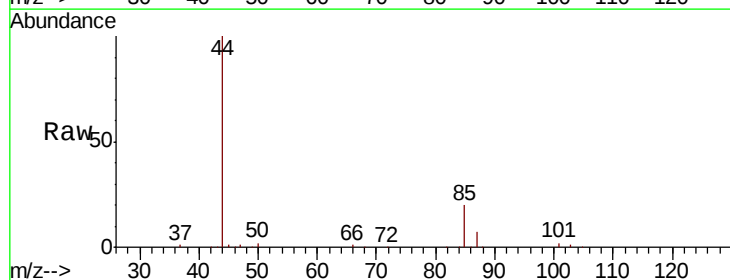
Acq: 28 May 2020 22:26

Tgt Ion: 85 Resp: 73076

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

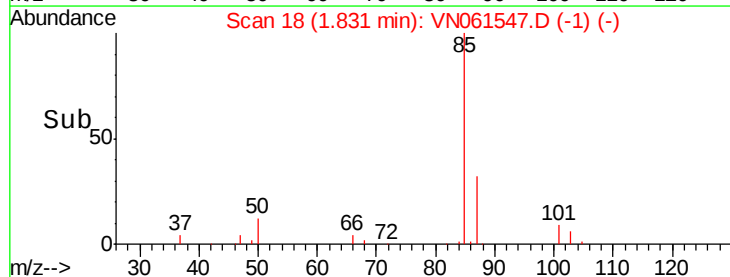
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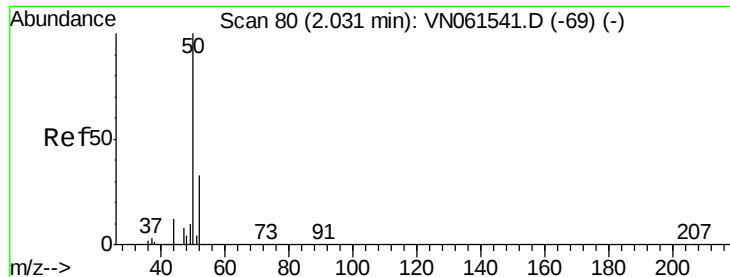
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0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.745 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

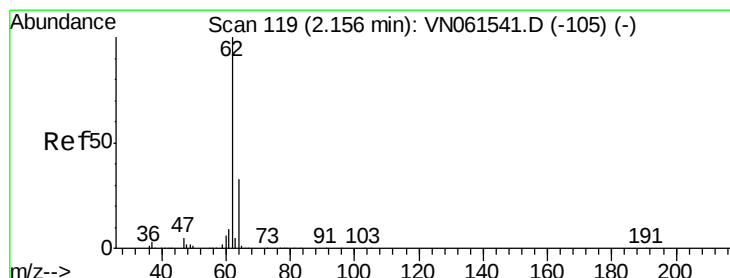
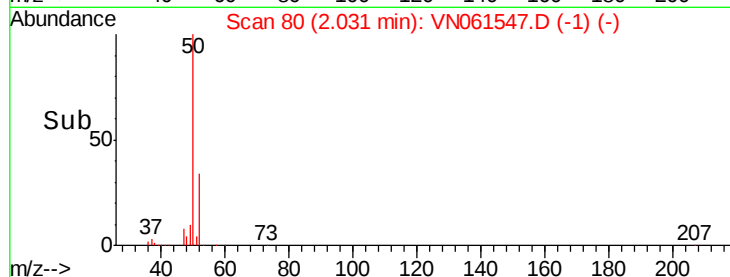
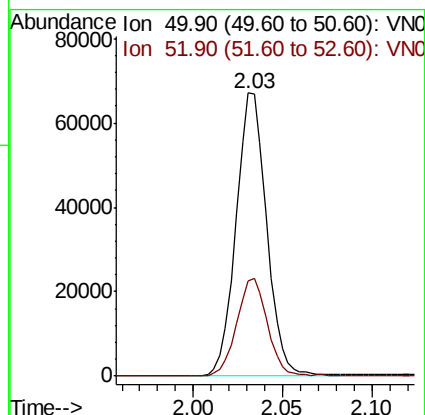
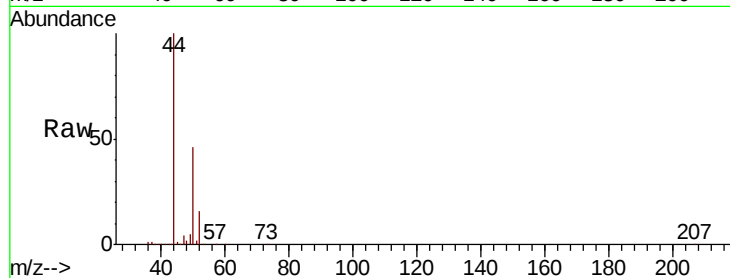
VN0528WBSD01

Tot Ion: 50 Resp: 79998

Ion Ratio Lower Upper

50 100

52 33.6 26.7 40.1



#4

Vinyl Chloride

Concen: 20.043 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061547.D

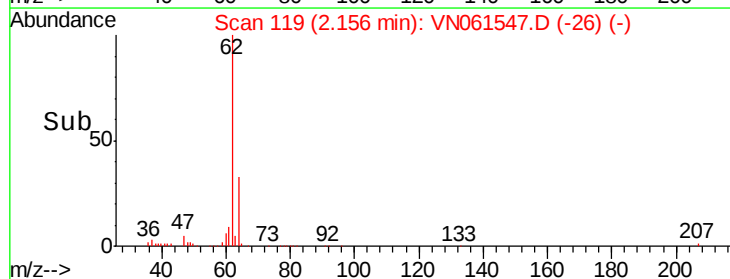
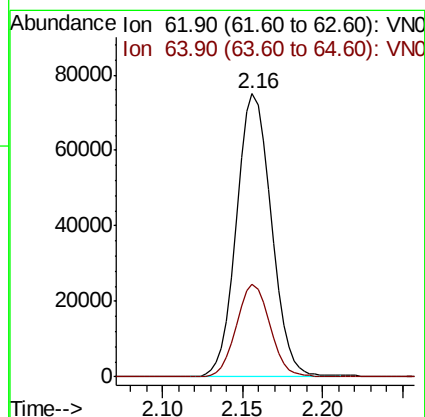
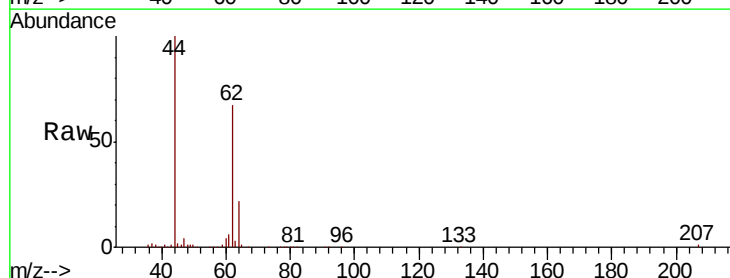
Acq: 28 May 2020 22:26

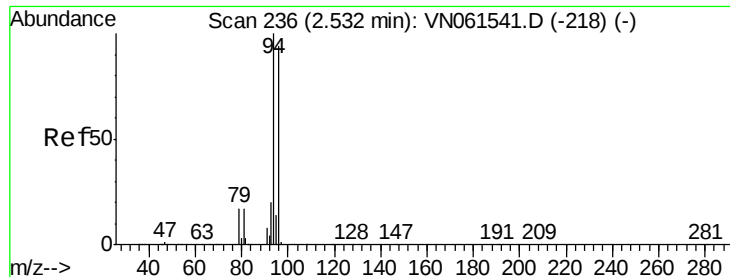
Tgt Ion: 62 Resp: 111281

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 20.460 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

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ClientSampleId :

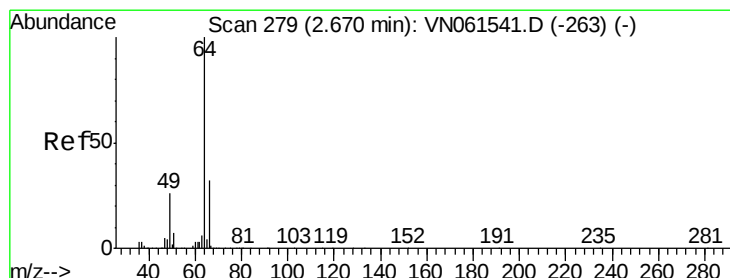
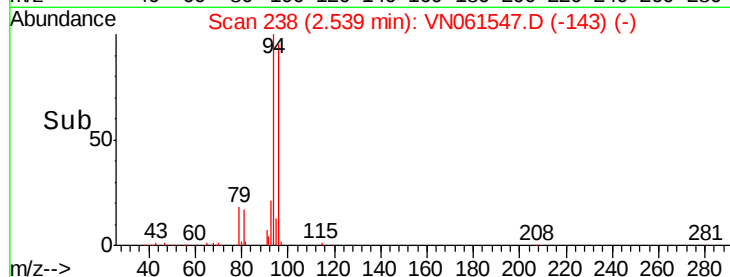
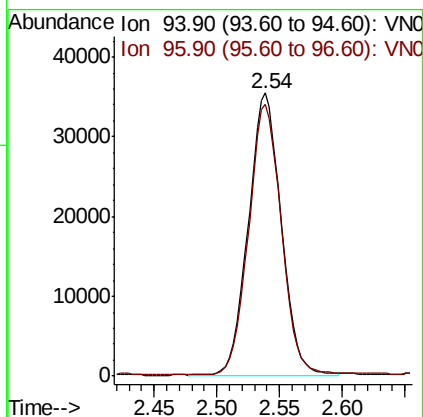
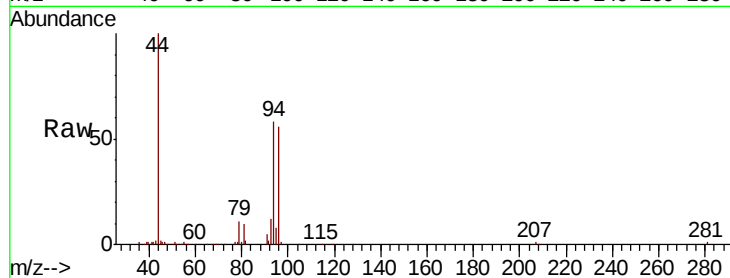
VN0528WBSD01

Tot Ion: 94 Resp: 65182

Ion Ratio Lower Upper

94 100

96 95.3 74.8 112.2



#6

Chloroethane

Concen: 19.940 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061547.D

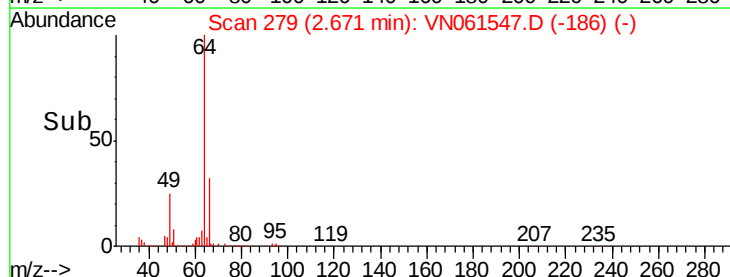
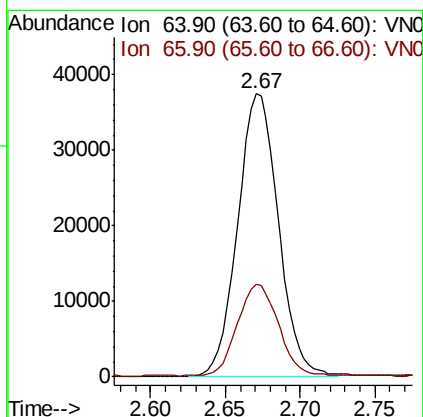
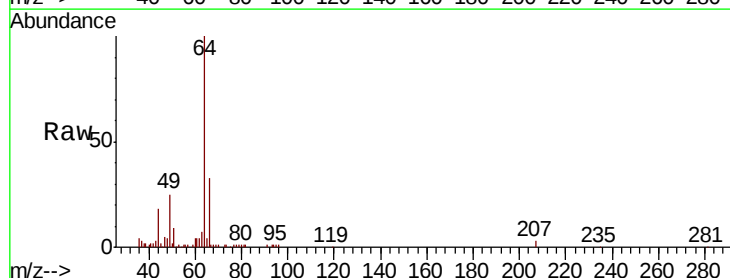
Acq: 28 May 2020 22:26

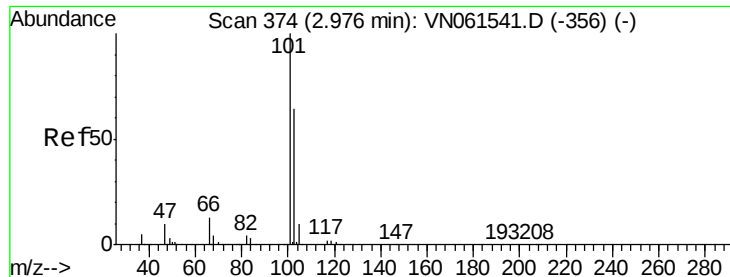
Tgt Ion: 64 Resp: 71258

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



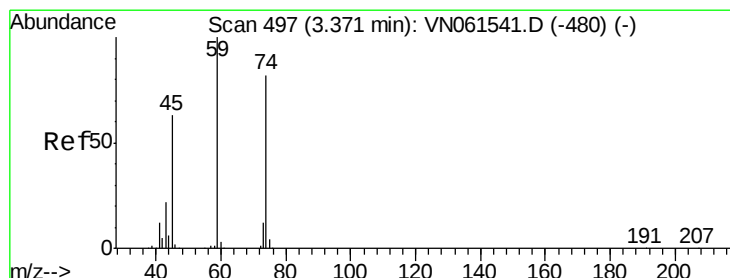
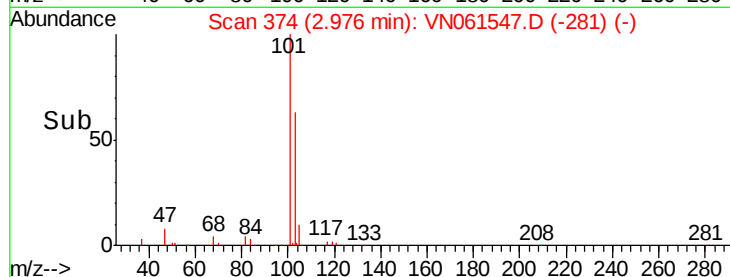
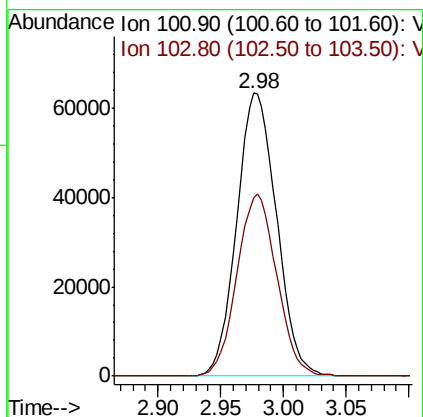
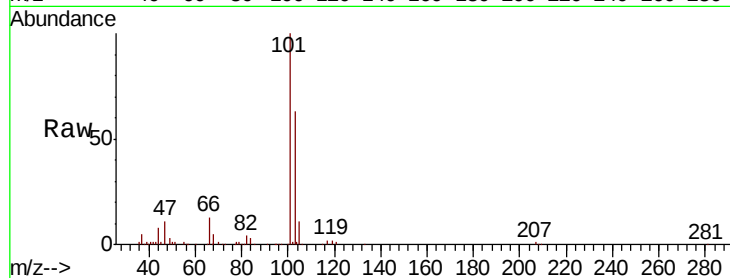


#7

Trichlorofluoromethane  
 Concen: 19.499 ug/l  
 RT: 2.98 min Scan# 374  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

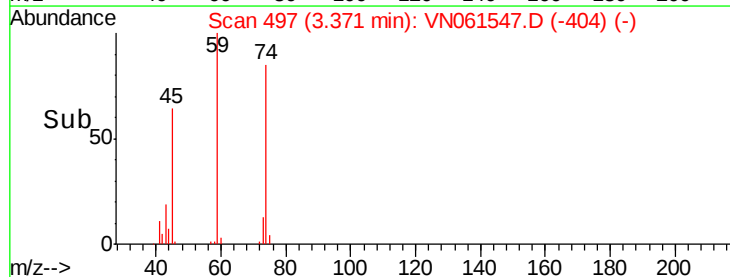
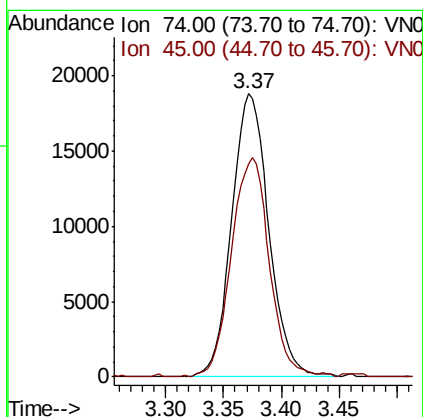
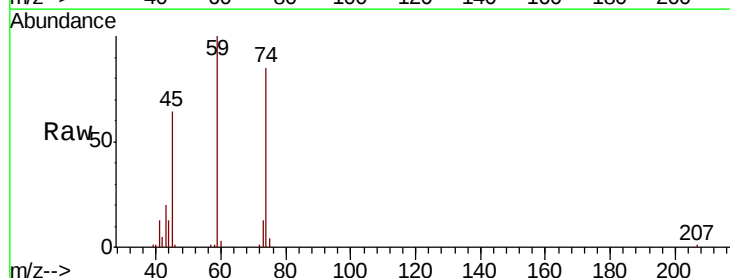
Tot Ion:101 Resp: 139603  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 51.4 77.2

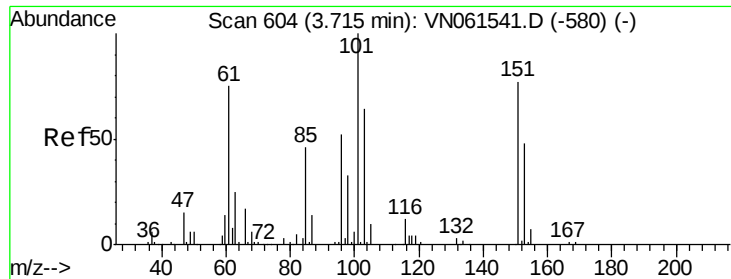


#8

Diethyl Ether  
 Concen: 19.111 ug/l  
 RT: 3.37 min Scan# 497  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion: 74 Resp: 41839  
 Ion Ratio Lower Upper  
 74 100  
 45 79.3 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.295 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

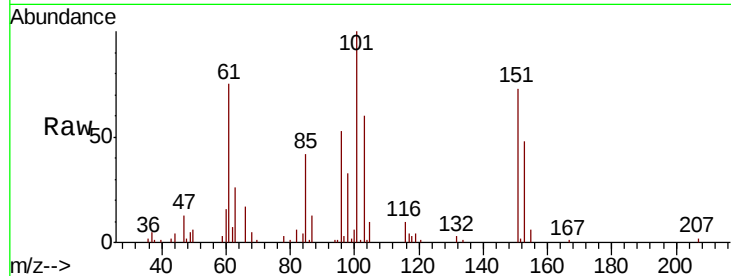
Tot Ion:101 Resp: 61300

Ion Ratio Lower Upper

101 100

85 42.1 35.2 52.8

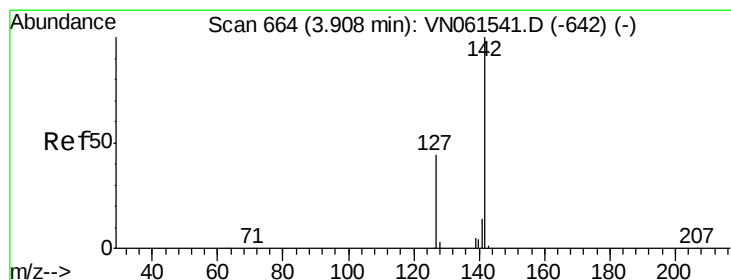
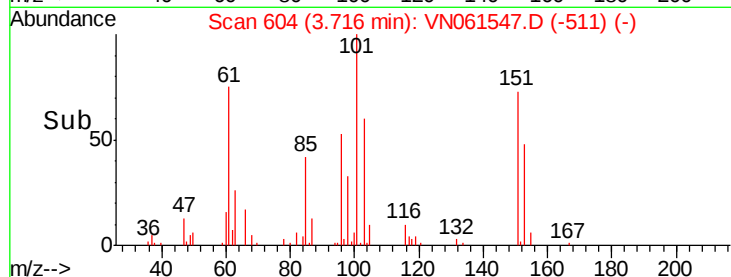
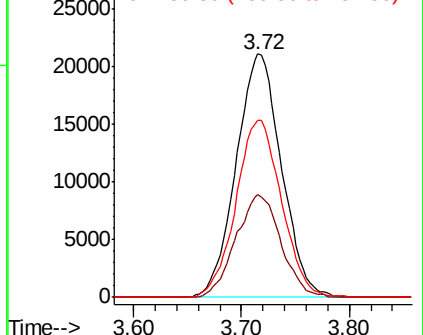
151 73.3 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.516 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

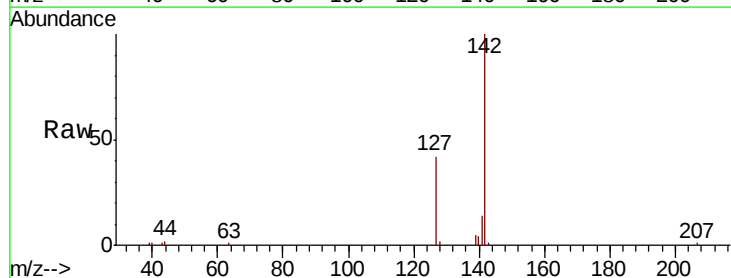
Tgt Ion:142 Resp: 86074

Ion Ratio Lower Upper

142 100

127 43.0 35.5 53.3

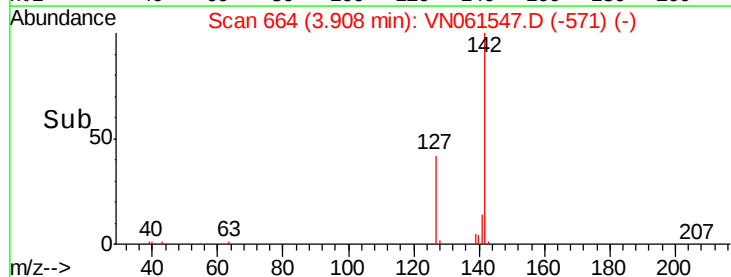
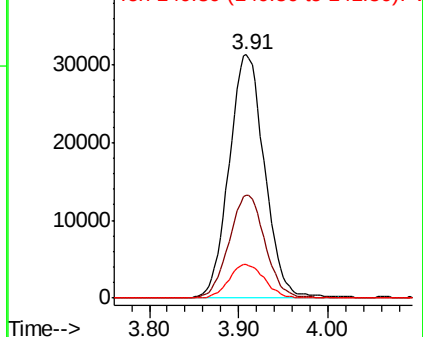
141 13.7 11.5 17.3

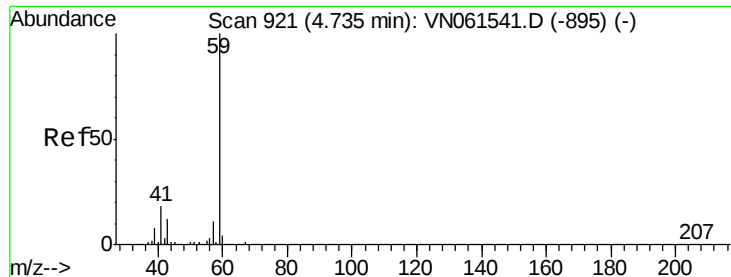


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

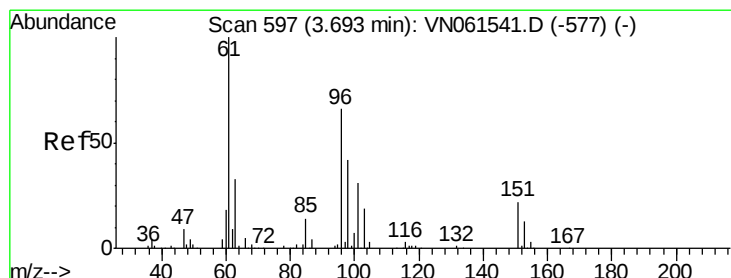
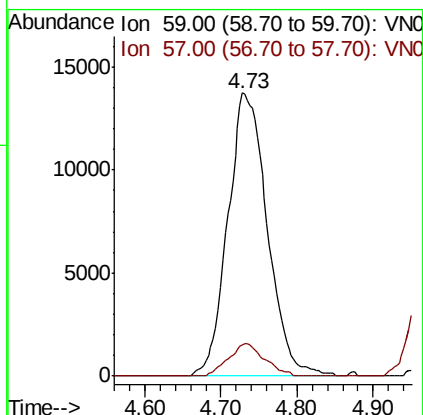
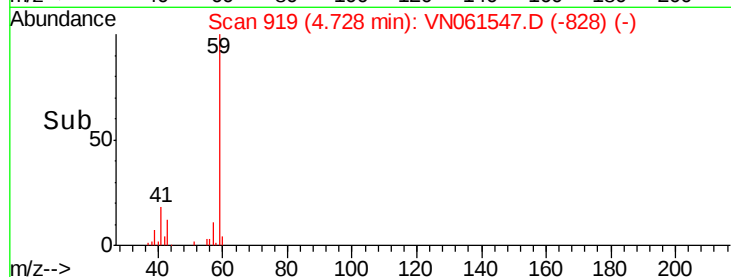
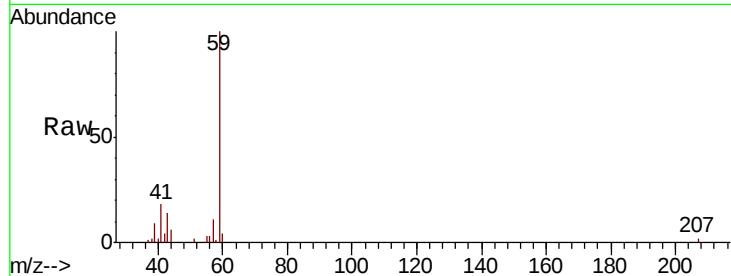




#11  
Tert butyl alcohol  
Concen: 94.278 ug/l  
RT: 4.73 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

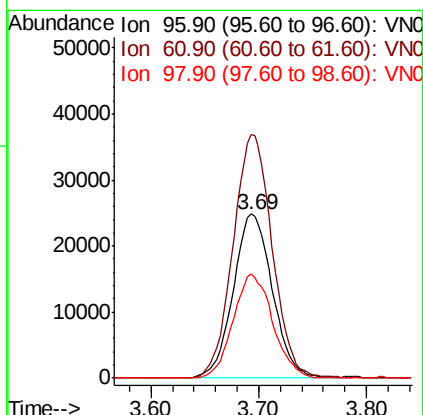
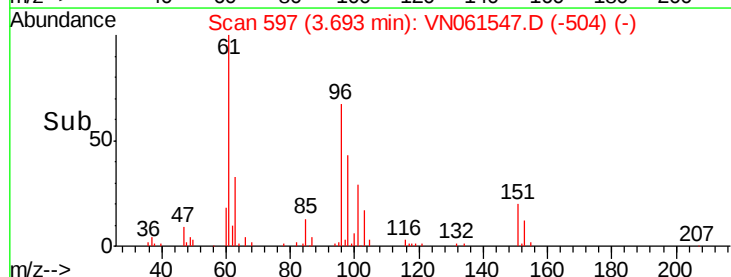
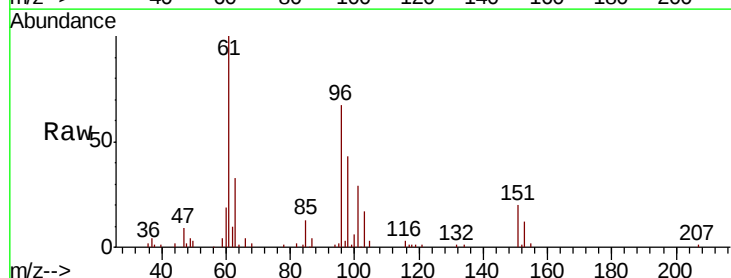
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

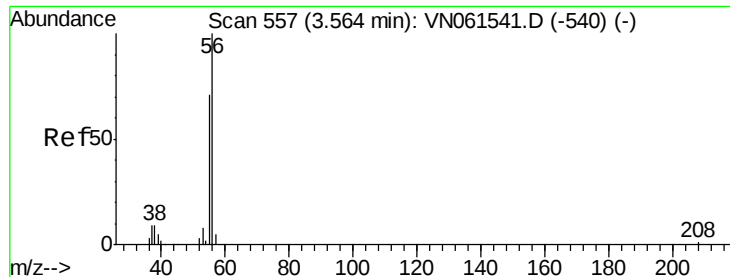
Tot Ion: 59 Resp: 49629  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.4 12.6



#12  
1,1-Dichloroethene  
Concen: 18.515 ug/l  
RT: 3.69 min Scan# 597  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 96 Resp: 62845  
Ion Ratio Lower Upper  
96 100  
61 148.7 120.5 180.7  
98 63.4 50.8 76.2





#13

Acrolein

Concen: 80.296 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

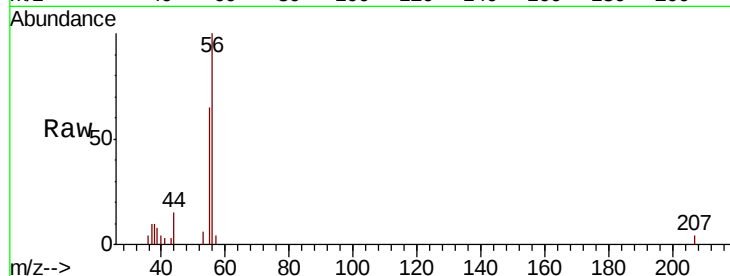
VN0528WBSD01

Tot Ion: 56 Resp: 15417

Ion Ratio Lower Upper

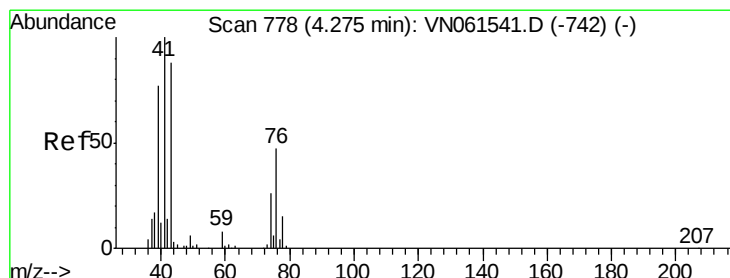
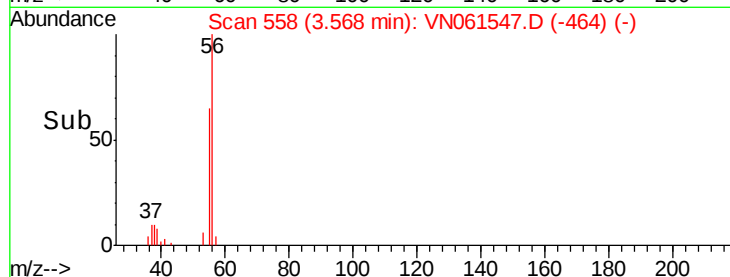
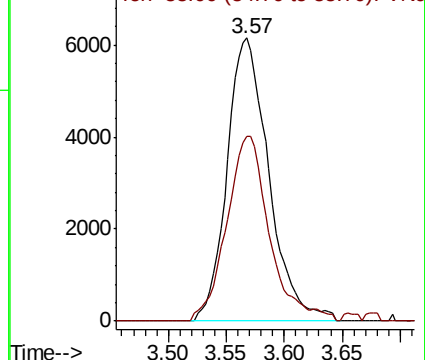
56 100

55 66.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.718 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

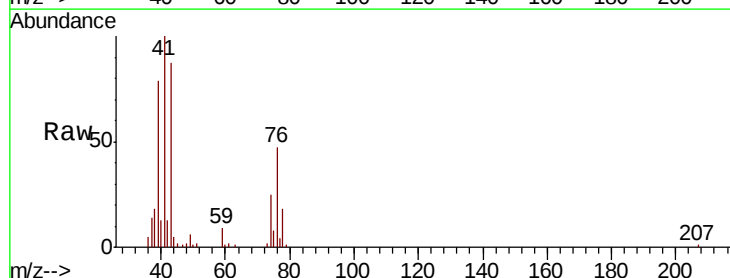
Tgt Ion: 41 Resp: 83059

Ion Ratio Lower Upper

41 100

39 72.5 58.6 88.0

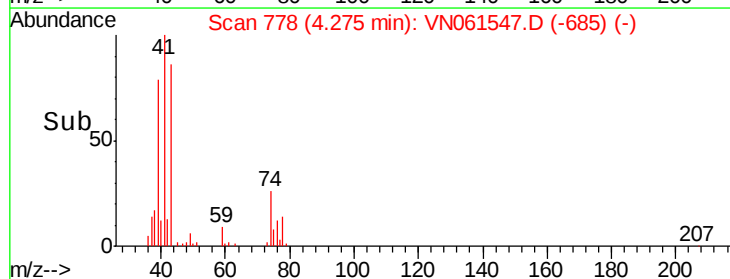
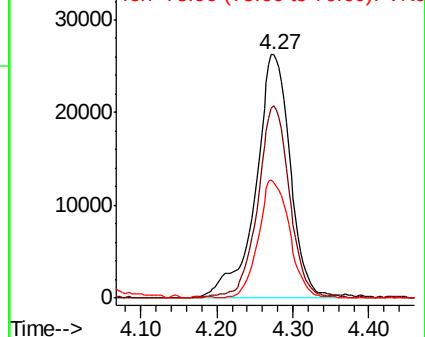
76 43.6 34.2 51.4

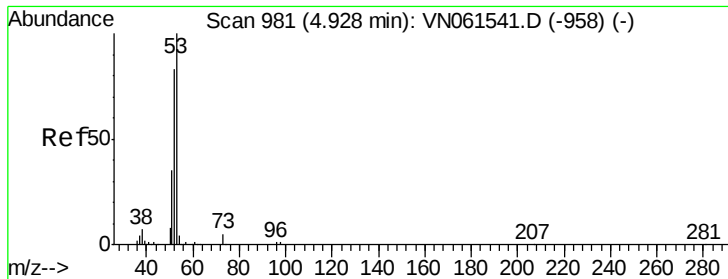


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

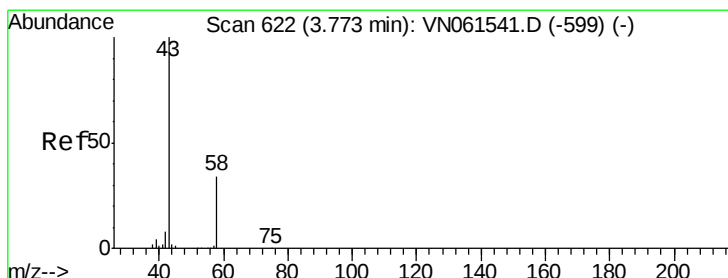
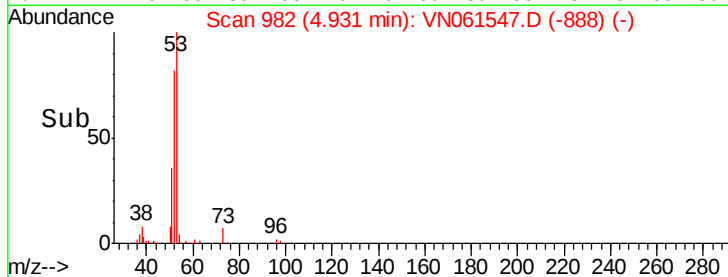
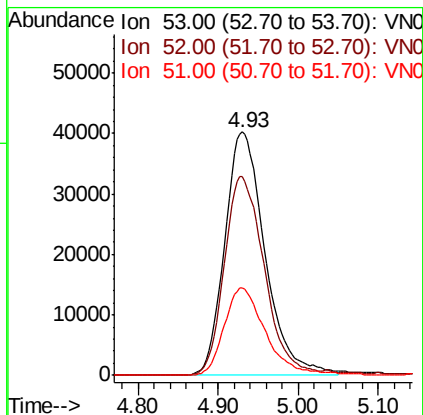
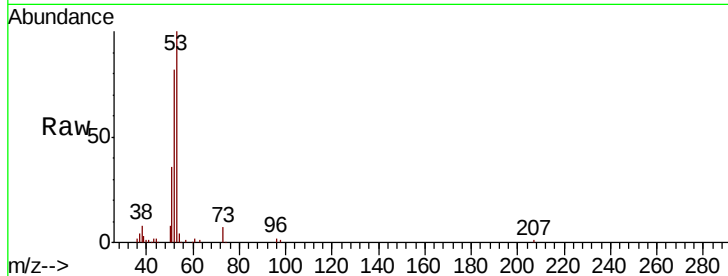




#15  
 Acrylonitrile  
 Concen: 94.128 ug/l  
 RT: 4.93 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

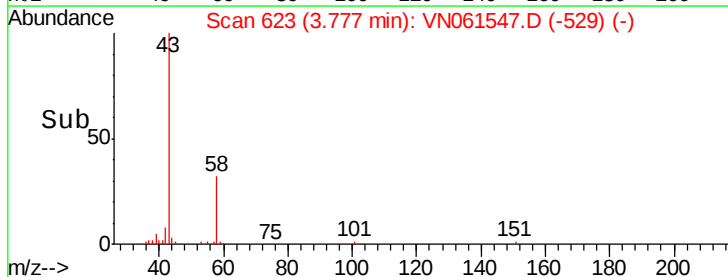
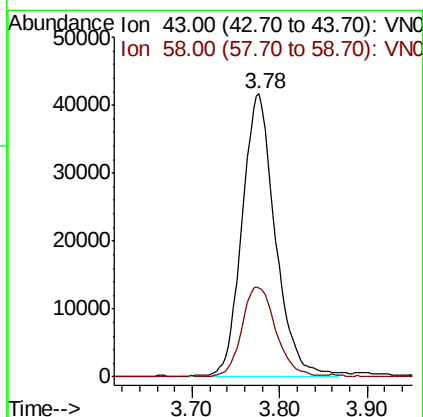
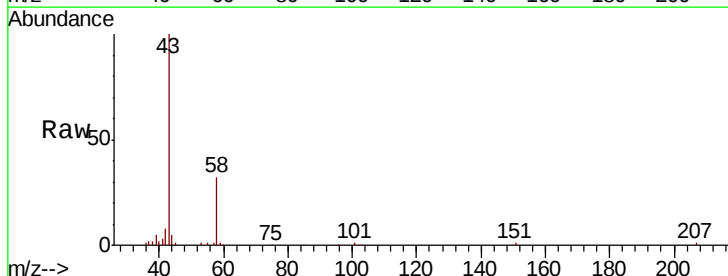
Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0528WBSD01

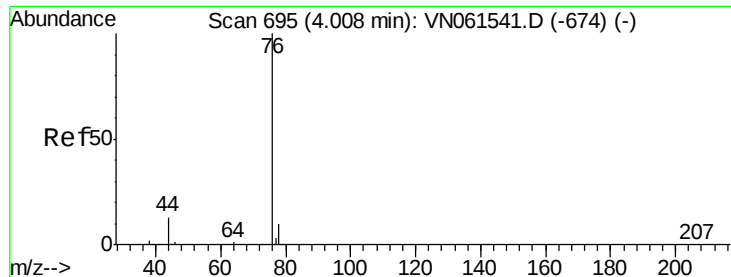
Tot Ion: 53 Resp: 138305  
 Ion Ratio Lower Upper  
 53 100  
 52 80.9 65.4 98.2  
 51 36.9 29.0 43.6



#16  
 Acetone  
 Concen: 97.221 ug/l  
 RT: 3.78 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion: 43 Resp: 110175  
 Ion Ratio Lower Upper  
 43 100  
 58 31.6 27.2 40.8





#17

Carbon Disulfide

Concen: 20.413 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

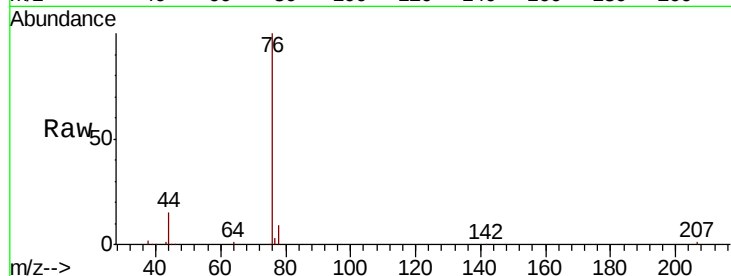
VN0528WBSD01

Tot Ion: 76 Resp: 152435

Ion Ratio Lower Upper

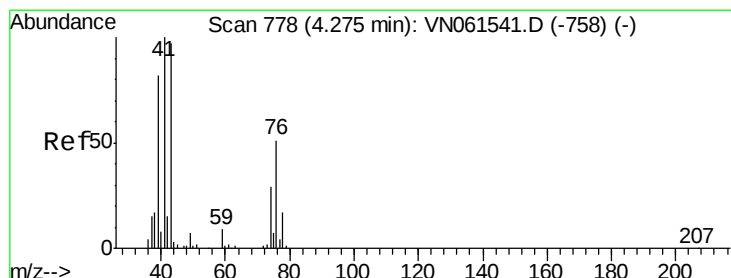
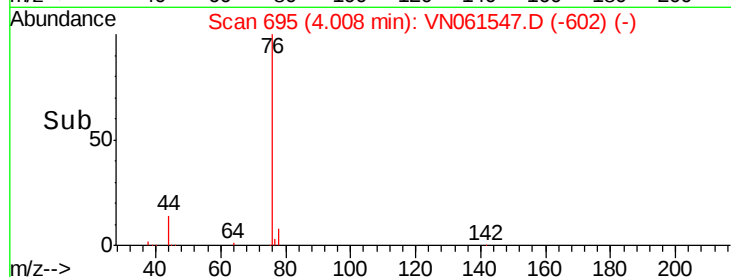
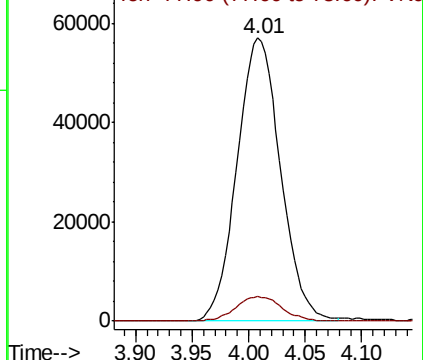
76 100

78 8.6 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.660 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061547.D

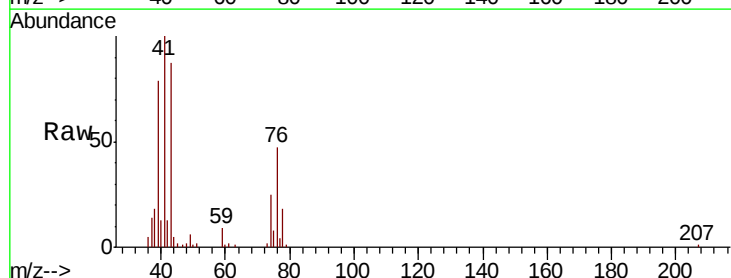
Acq: 28 May 2020 22:26

Tgt Ion: 43 Resp: 66853

Ion Ratio Lower Upper

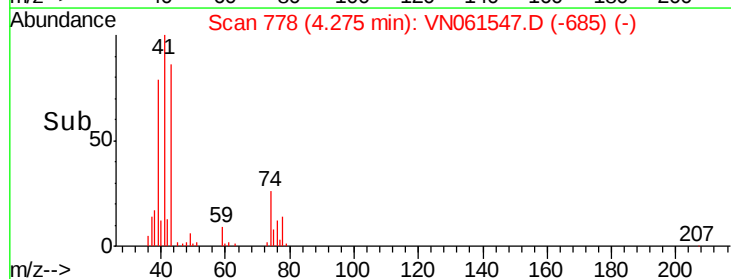
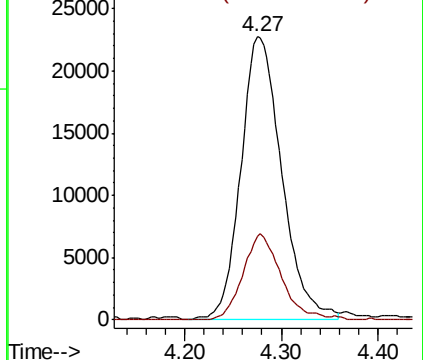
43 100

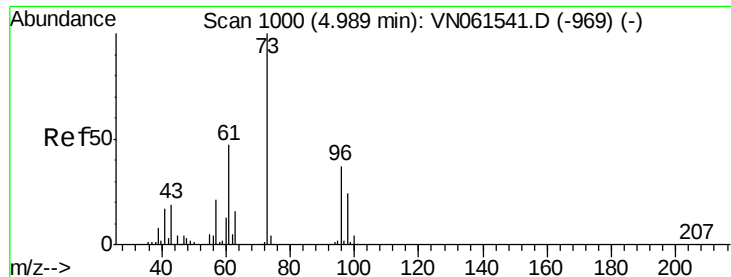
74 28.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

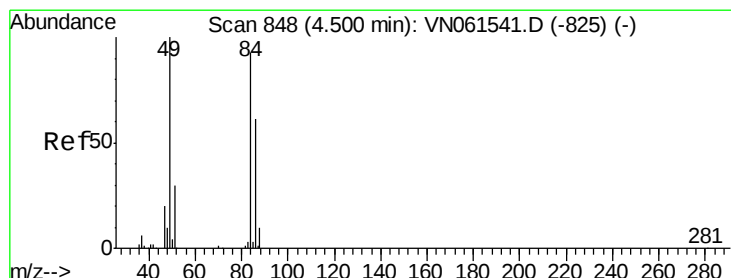
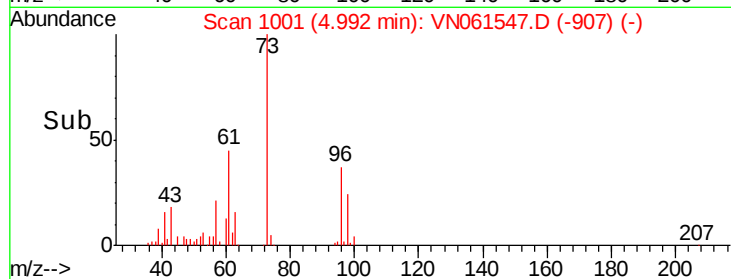
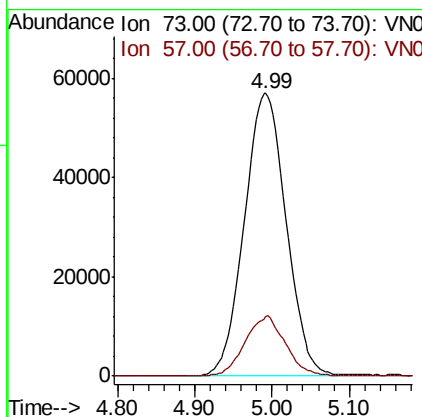
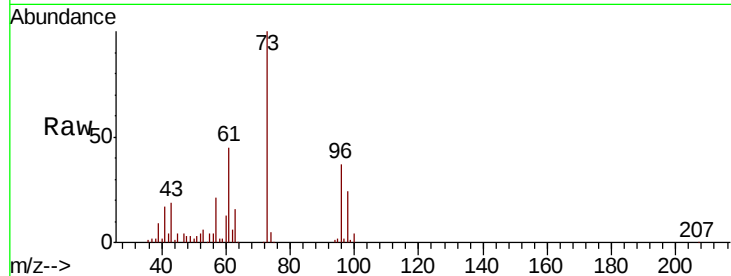




#19  
Methvl tert-butvl Ether  
Concen: 18.541 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

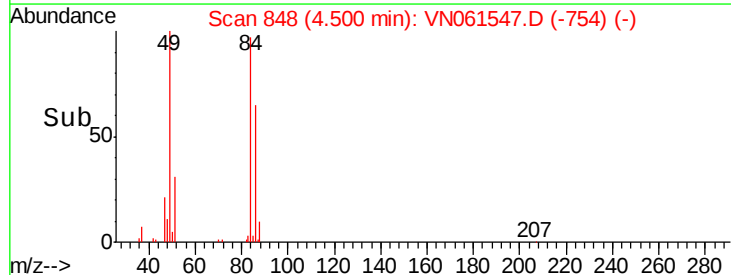
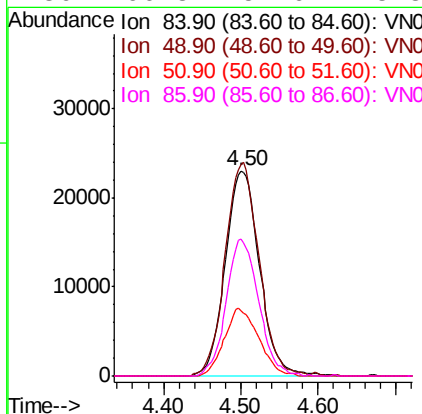
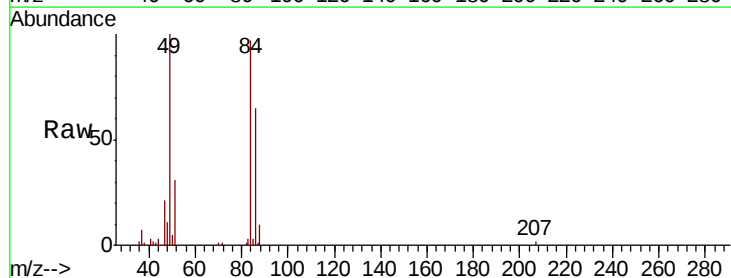
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

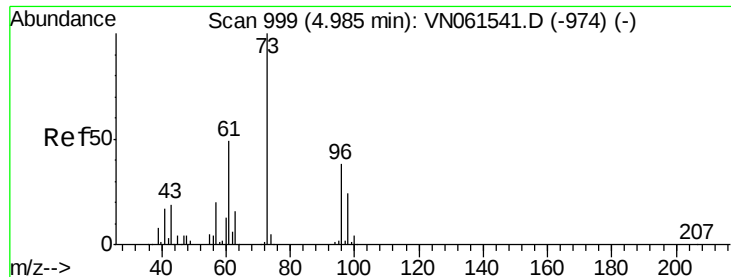
Tot Ion: 73 Resp: 214482  
Ion Ratio Lower Upper  
73 100  
57 21.0 16.4 24.6



#20  
Methylene Chloride  
Concen: 18.599 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 84 Resp: 70835  
Ion Ratio Lower Upper  
84 100  
49 103.3 85.8 128.8  
51 31.9 26.2 39.2  
86 66.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.531 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

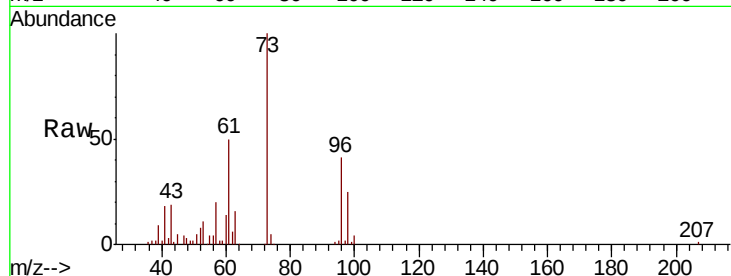
Tot Ion: 96 Resp: 70934

Ion Ratio Lower Upper

96 100

61 123.2 101.4 152.0

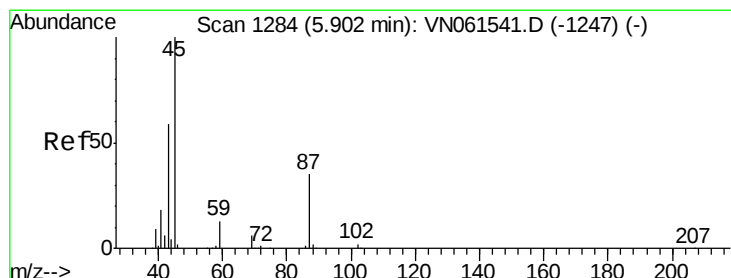
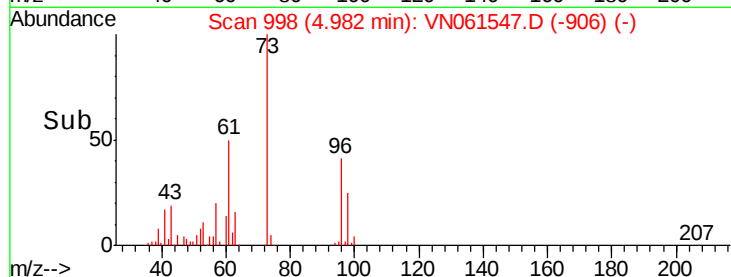
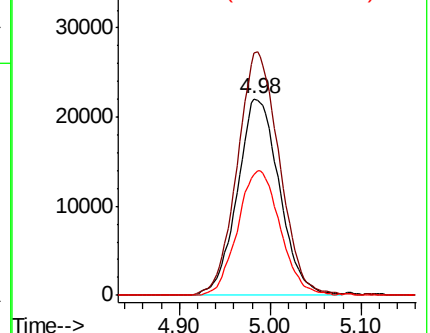
98 61.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061547.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061547.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061547.D (-906) (-)



#22

Diisopropyl ether

Concen: 18.919 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Tgt Ion: 45 Resp: 185038

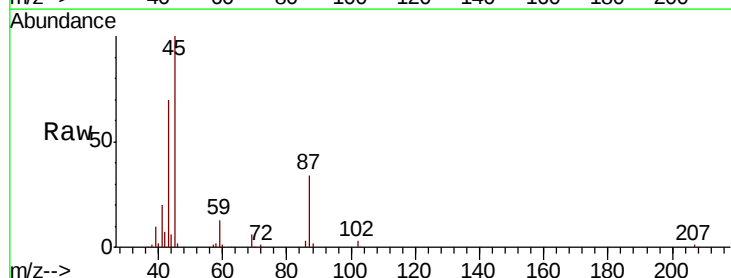
Ion Ratio Lower Upper

45 100

43 67.9 47.9 71.9

87 34.5 28.4 42.6

59 12.6 10.5 15.7

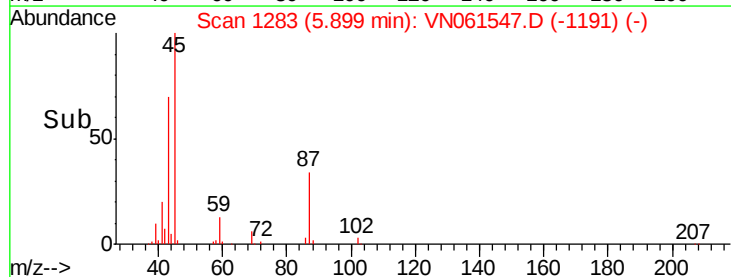
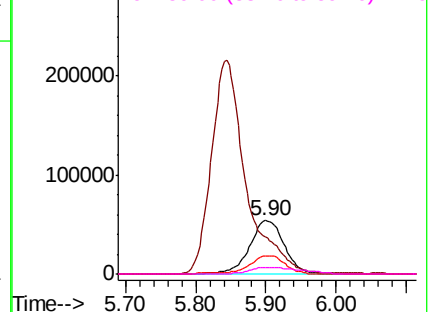


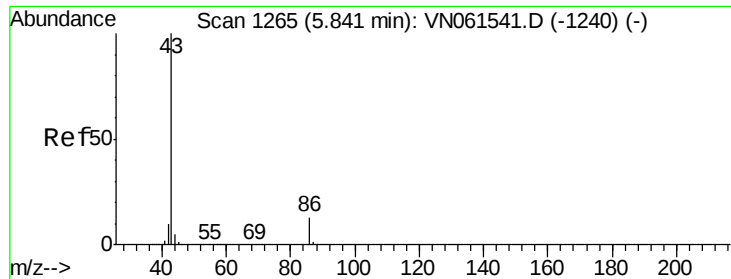
Abundance Ion 45.00 (44.70 to 45.70): VN061547.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061547.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061547.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061547.D (-1191) (-)





#23

Vinyl Acetate

Concen: 94.698 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

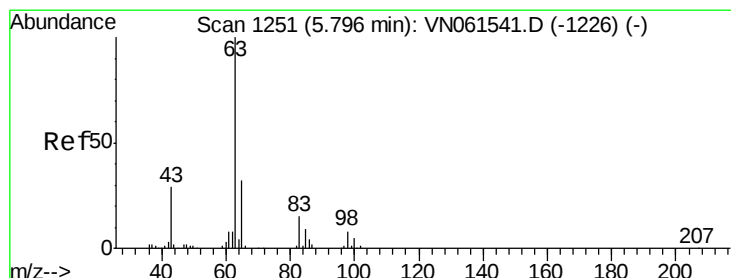
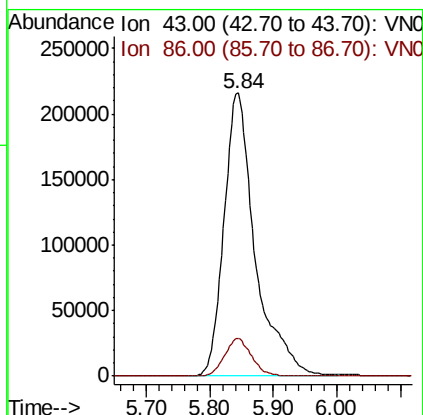
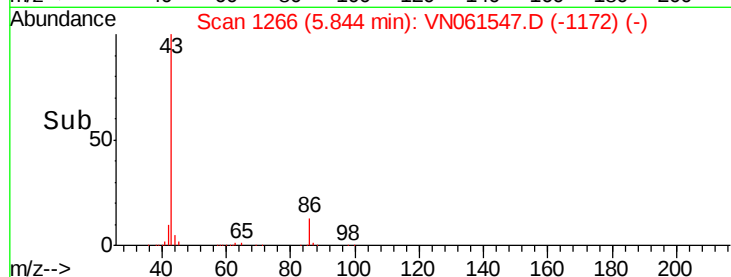
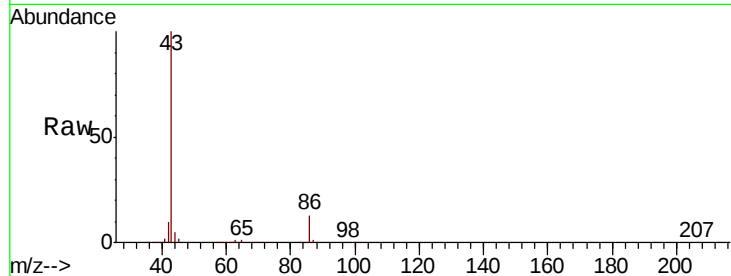
VN0528WBSD01

Tot Ion: 43 Resp: 738184

Ion Ratio Lower Upper

43 100

86 13.4 10.6 16.0



#24

1,1-Dichloroethane

Concen: 18.898 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

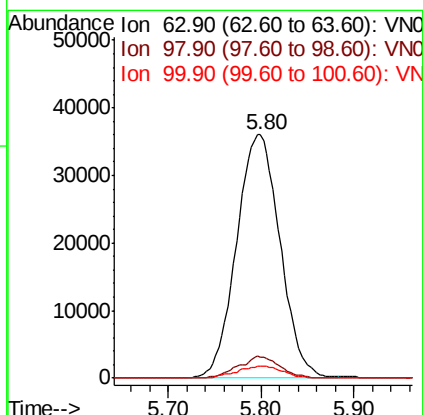
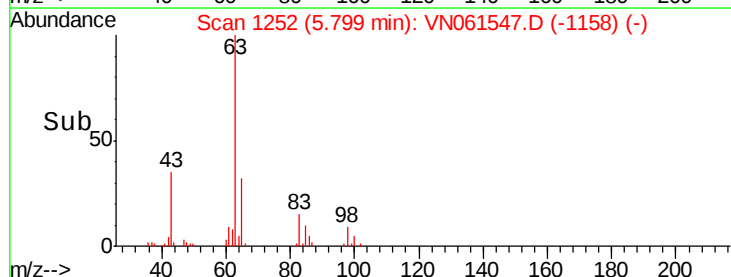
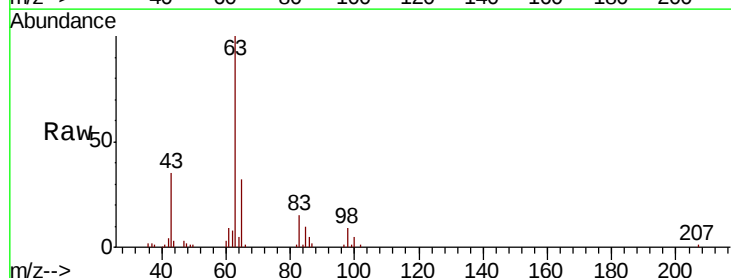
Tgt Ion: 63 Resp: 117206

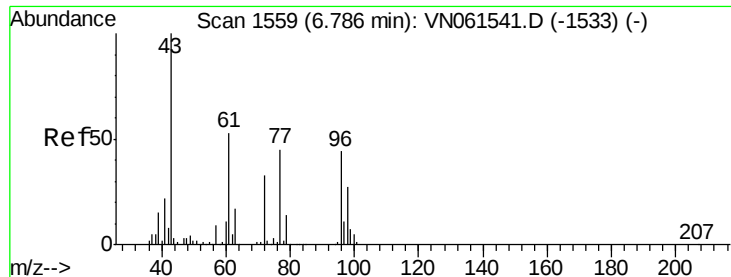
Ion Ratio Lower Upper

63 100

98 8.7 3.8 11.4

100 5.0 2.5 7.6

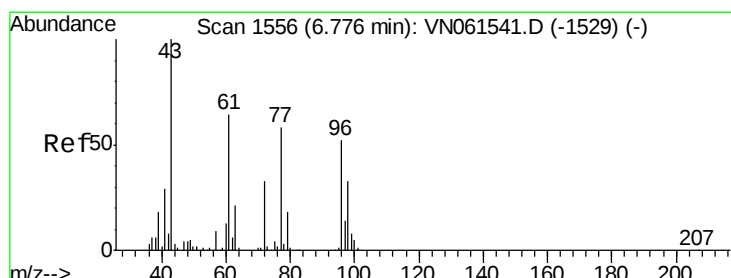
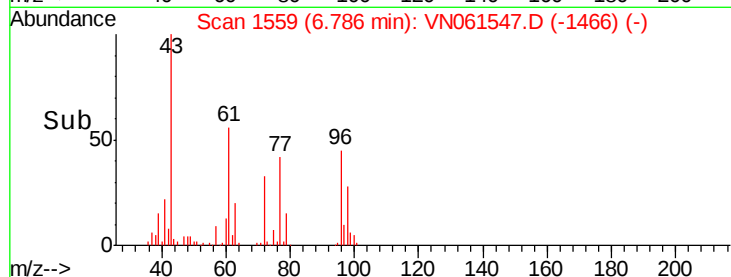
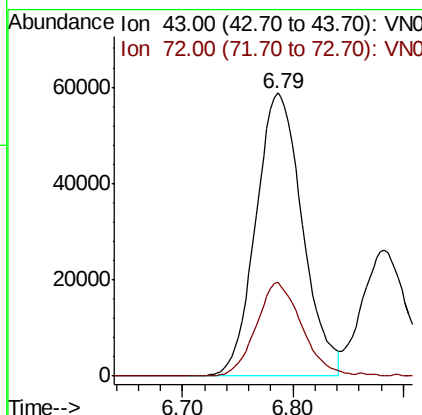
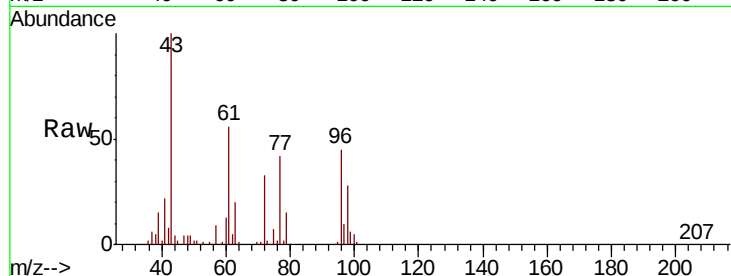




#25  
2-Butanone  
Concen: 91.745 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

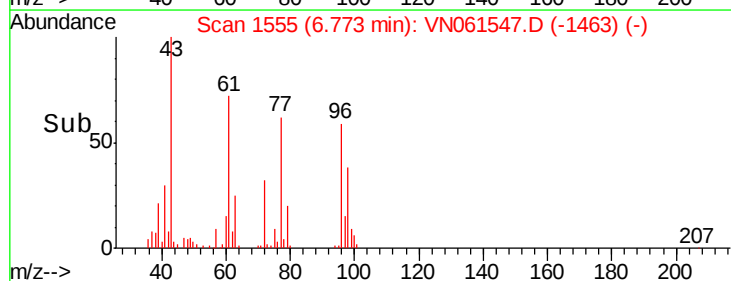
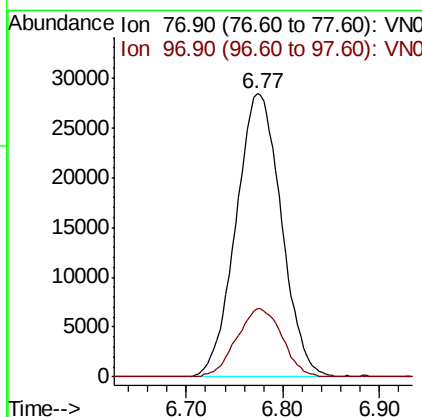
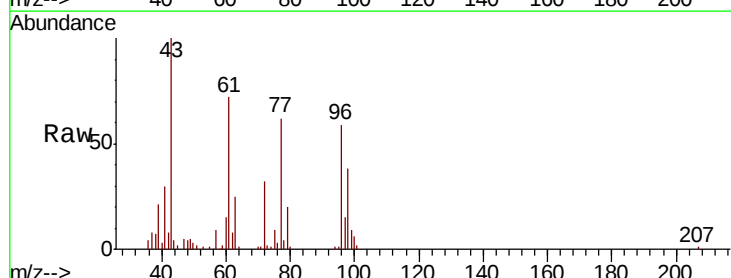
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0528WBSD01

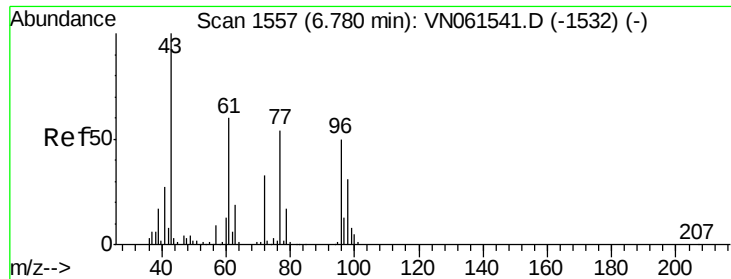
Tot Ion: 43 Resp: 172081  
Ion Ratio Lower Upper  
43 100  
72 33.2 26.0 39.0



#26  
2,2-Dichloropropane  
Concen: 16.282 ug/l  
RT: 6.77 min Scan# 1555  
Delta R.T. -0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 77 Resp: 92421  
Ion Ratio Lower Upper  
77 100  
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.246 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

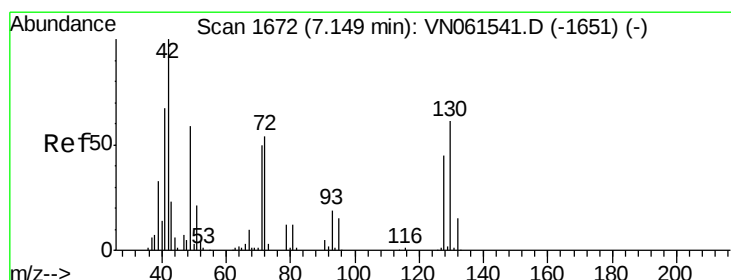
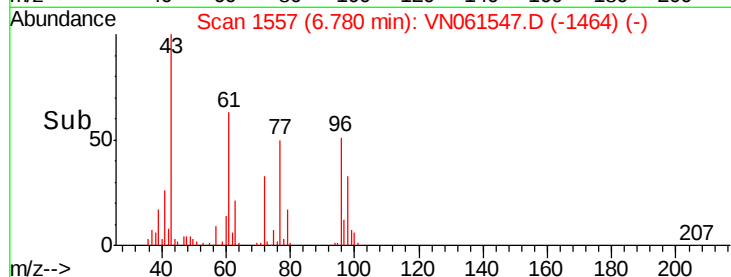
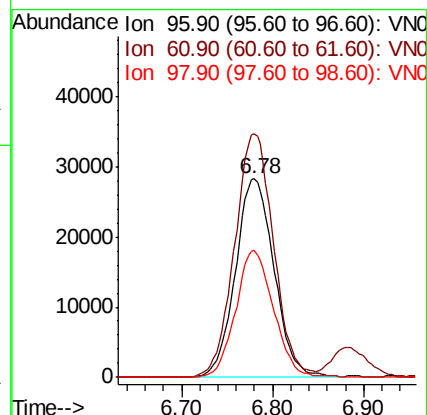
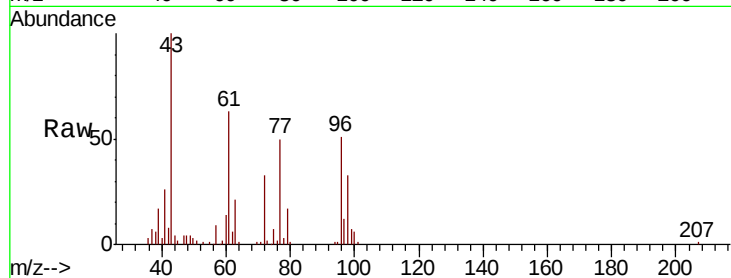
Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

Tot Ion: 96 Resp: 83419

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 123.5 | 0.0   | 252.2 |
| 98  | 62.2  | 0.0   | 129.2 |



#28

Bromochloromethane

Concen: 19.250 ug/l

RT: 7.15 min Scan# 1672

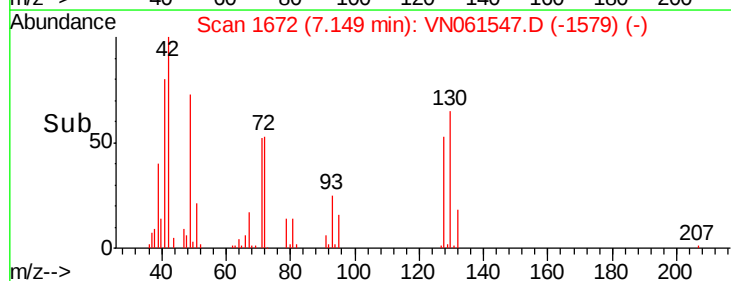
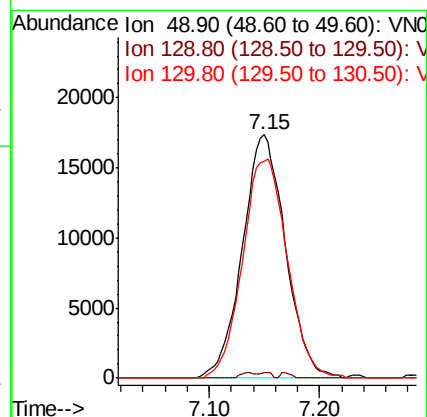
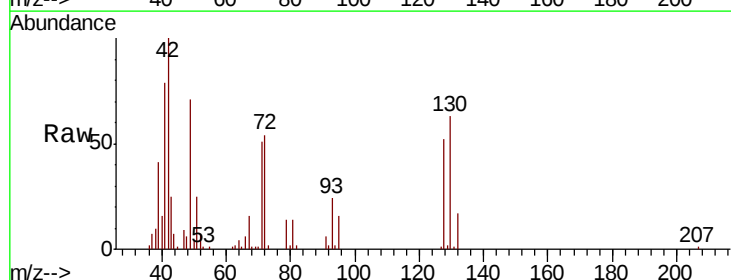
Delta R.T. 0.00 min

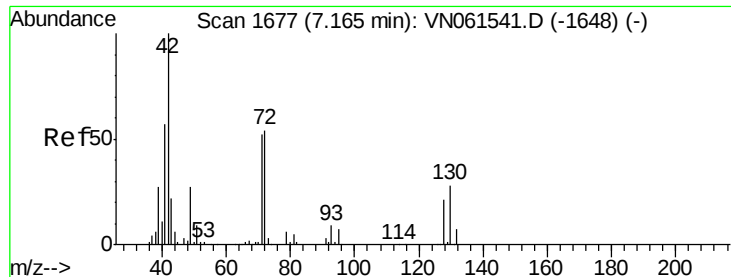
Lab File: VN061547.D

Acq: 28 May 2020 22:26

Tgt Ion: 49 Resp: 46817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.6   | 0.0   | 4.8   |
| 130 | 93.6  | 78.8  | 118.2 |

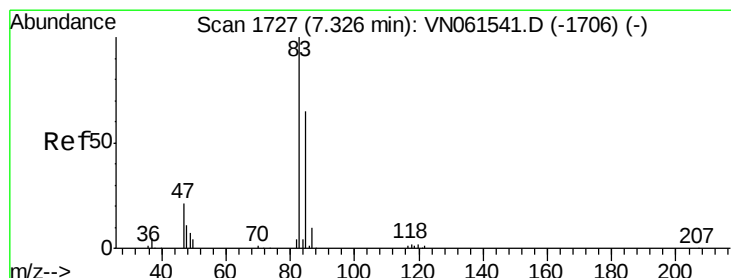
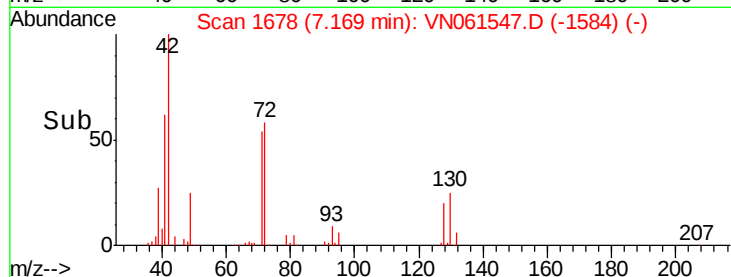
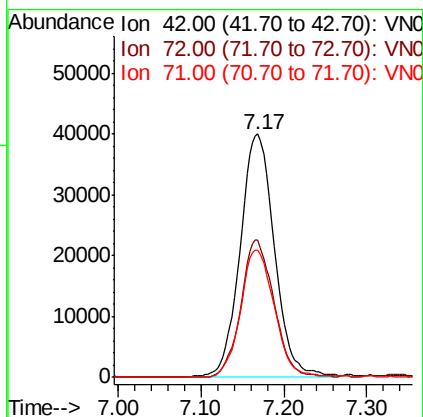
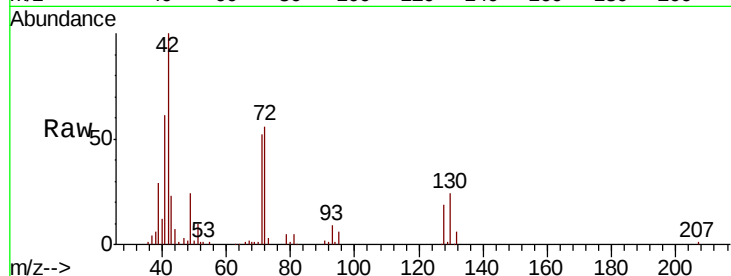




#29  
Tetrahydrofuran  
Concen: 93.325 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

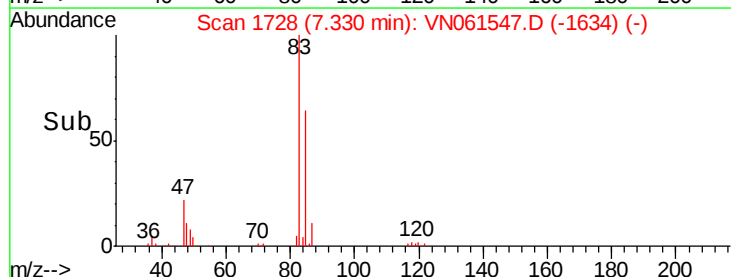
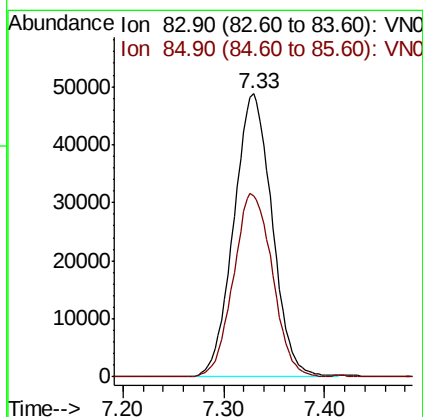
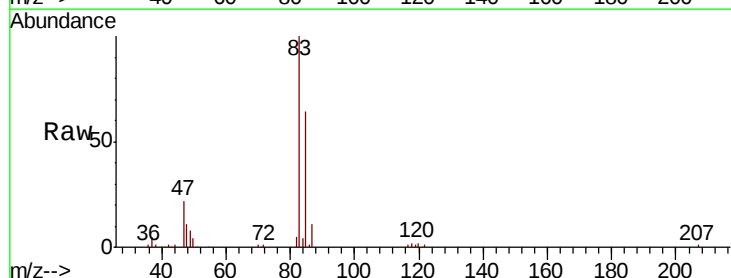
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

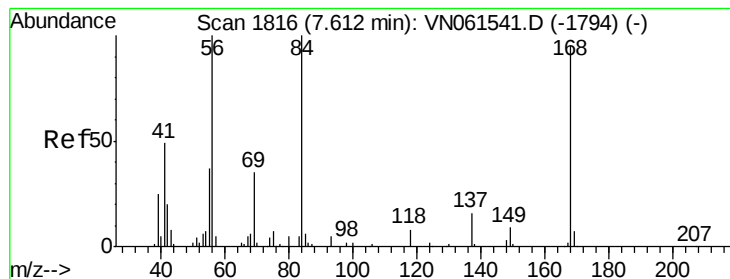
Tot Ion: 42 Resp: 115427  
Ion Ratio Lower Upper  
42 100  
72 54.3 43.6 65.4  
71 51.2 41.2 61.8



#30  
Chloroform  
Concen: 18.743 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 83 Resp: 128602  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.7 77.5





#31

Cyclohexane

Concen: 19.000 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

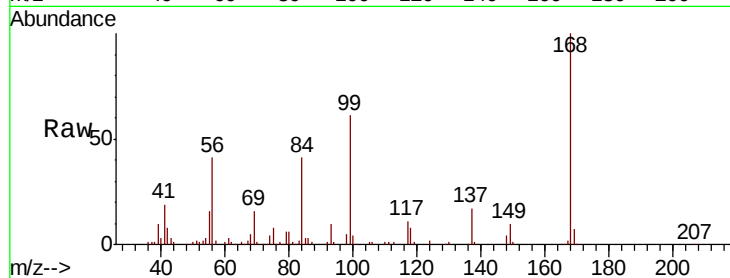
Tot Ion: 56 Resp: 105977

Ion Ratio Lower Upper

56 100

69 40.2 27.8 41.8

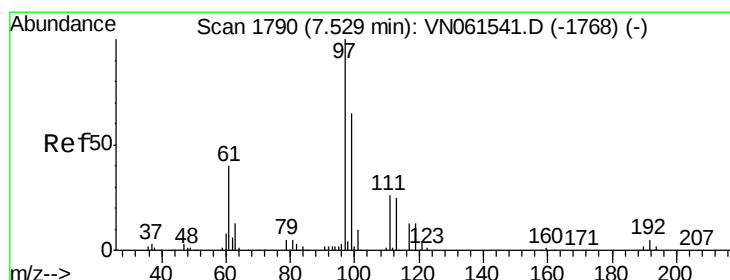
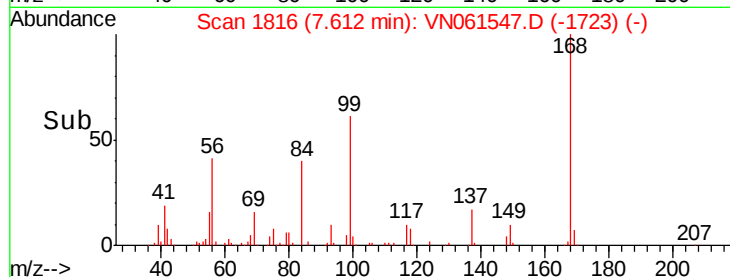
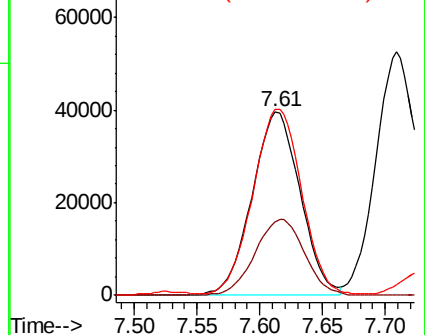
84 100.2 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061547.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061547.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061547.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 18.842 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

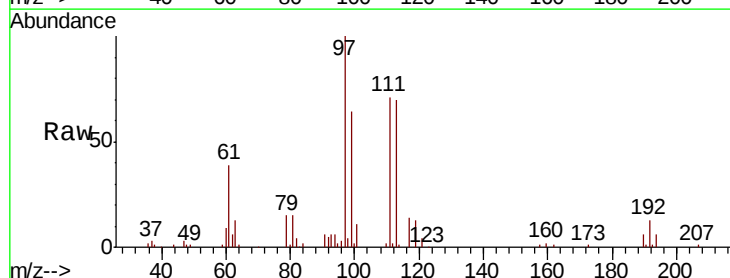
Tgt Ion: 97 Resp: 117800

Ion Ratio Lower Upper

97 100

99 62.8 51.4 77.0

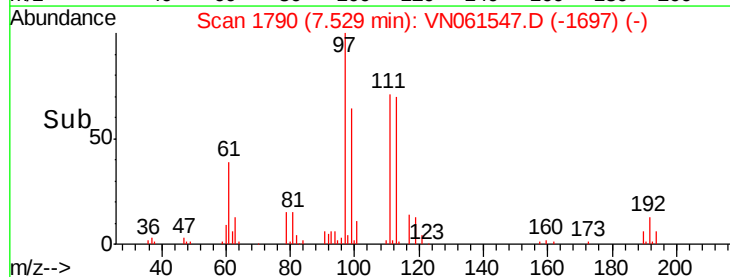
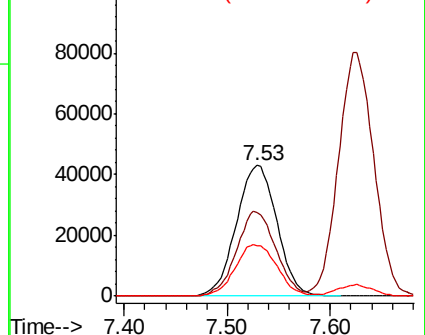
61 40.5 31.4 47.0

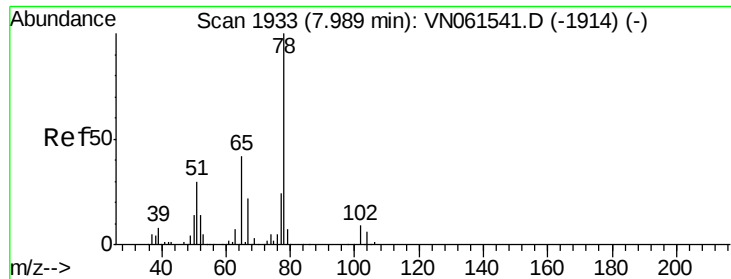


Abundance Ion 96.90 (96.60 to 97.60): VN061547.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061547.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061547.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 53.477 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

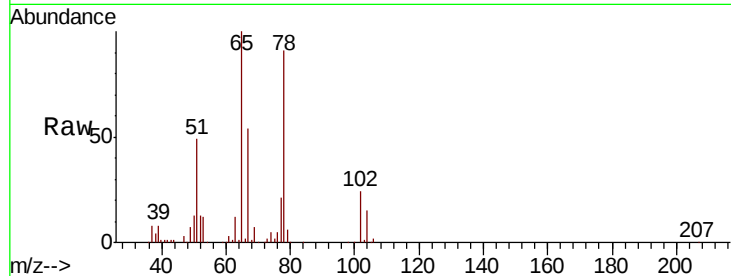
VN0528WBSD01

Tot Ion: 65 Resp: 211645

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

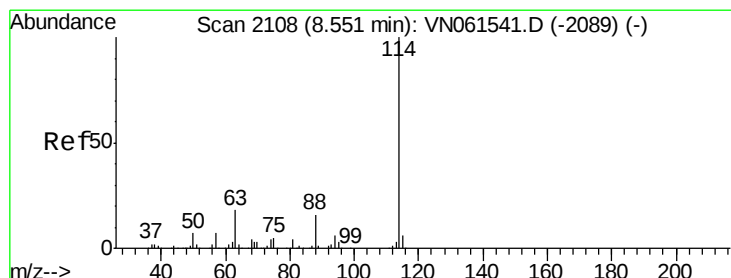
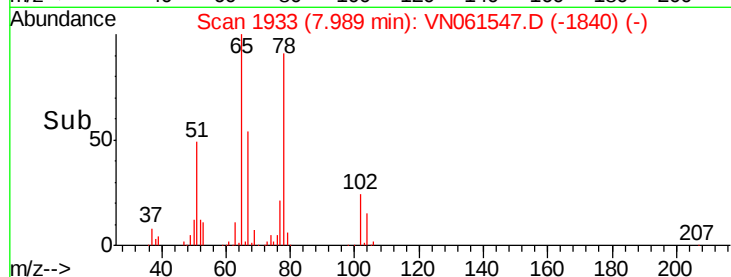
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

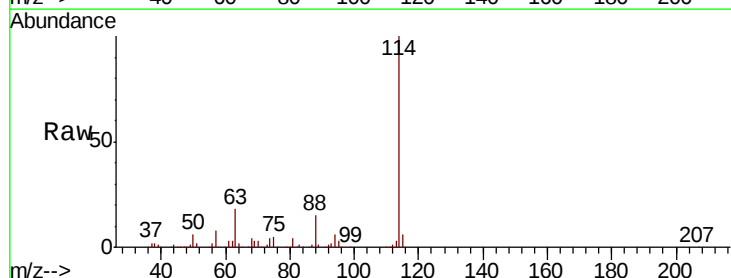
Tgt Ion: 114 Resp: 583792

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.55

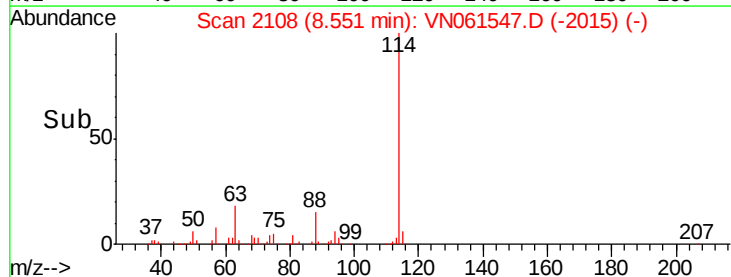
300000

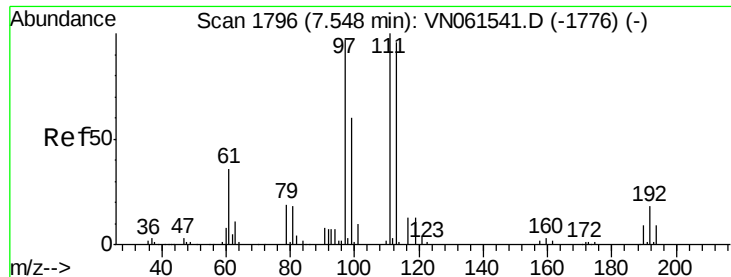
200000

100000

0

Time-->

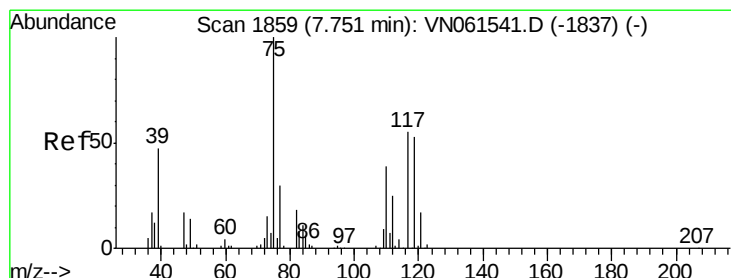
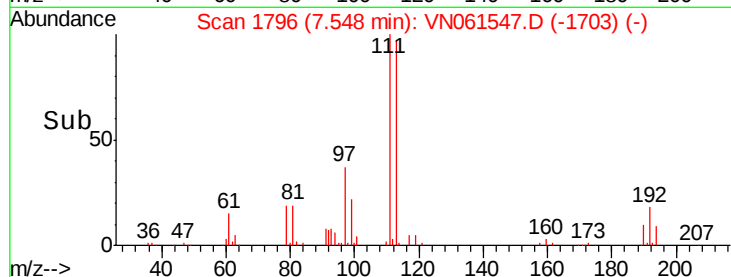
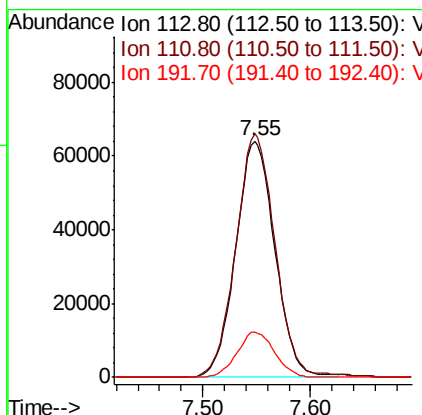
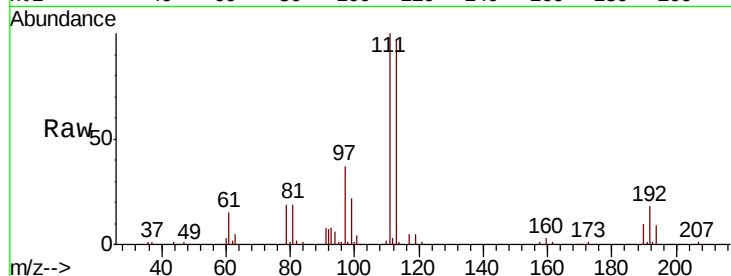




#35  
 Dibromofluoromethane  
 Concen: 54.502 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

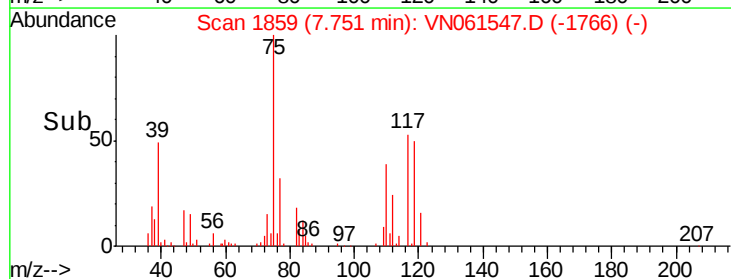
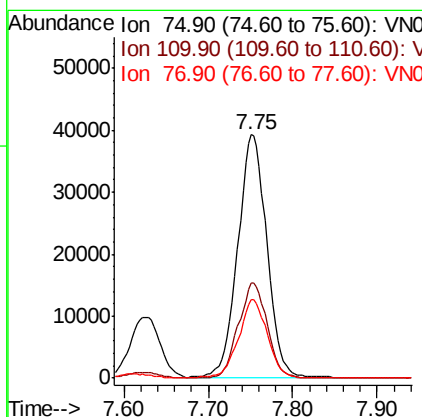
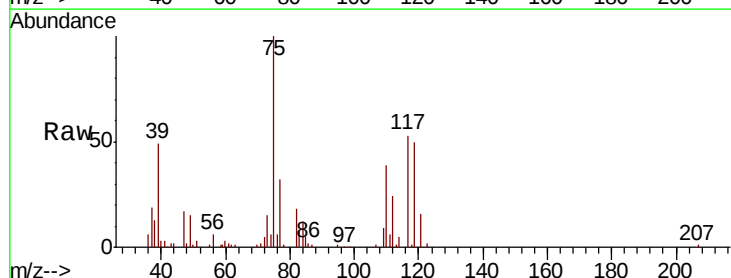
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

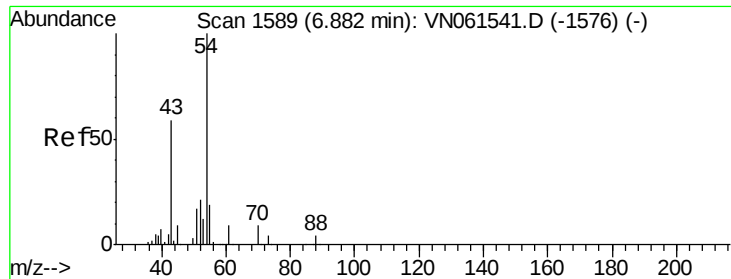
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 83.4  | 125.0 |
| 192     | 18.6  | 15.4  | 23.2  |



#36  
 1,1-Dichloropropene  
 Concen: 18.380 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.4  | 19.5  | 58.5  |
| 77      | 31.9  | 24.7  | 37.1  |

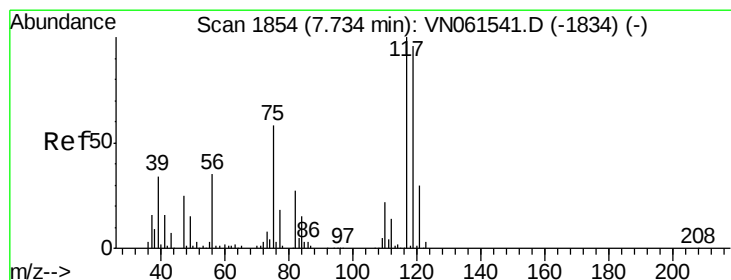
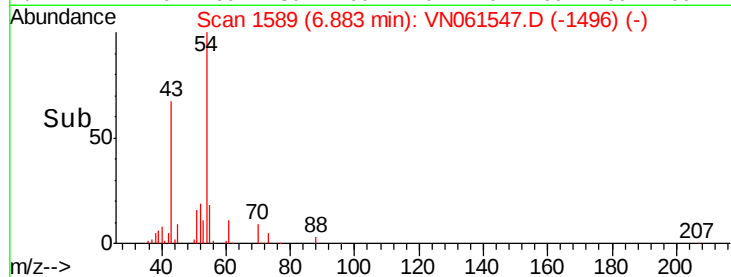
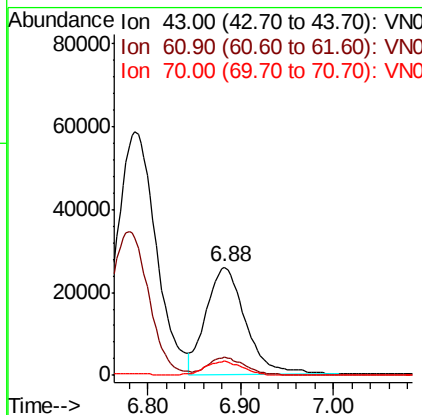
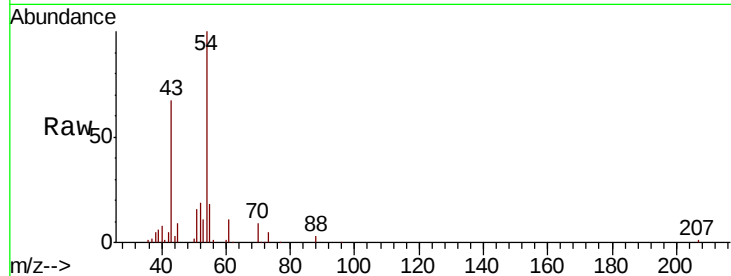




#37  
Ethyl Acetate  
Concen: 18.320 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

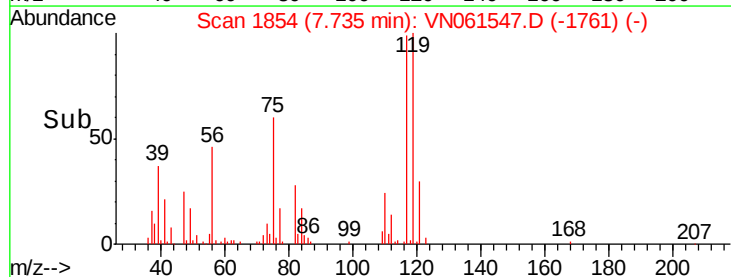
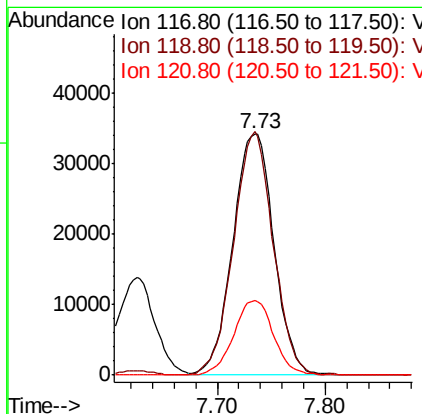
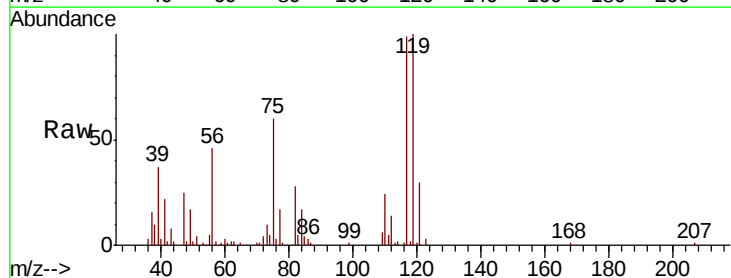
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

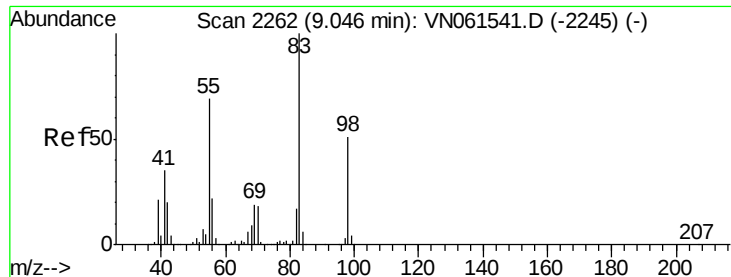
Tot Ion: 43 Resp: 76257  
Ion Ratio Lower Upper  
43 100  
61 15.9 12.2 18.4  
70 12.7 9.4 14.2



#38  
Carbon Tetrachloride  
Concen: 18.251 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 117 Resp: 90982  
Ion Ratio Lower Upper  
117 100  
119 100.9 76.5 114.7  
121 30.7 24.1 36.1

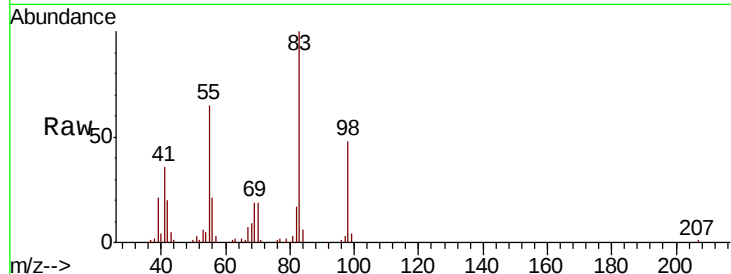




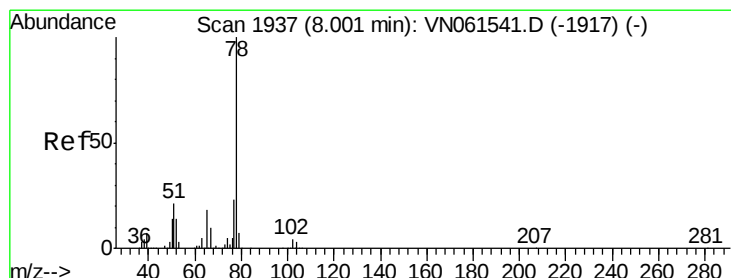
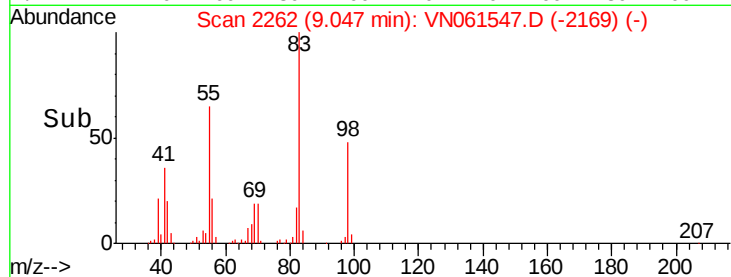
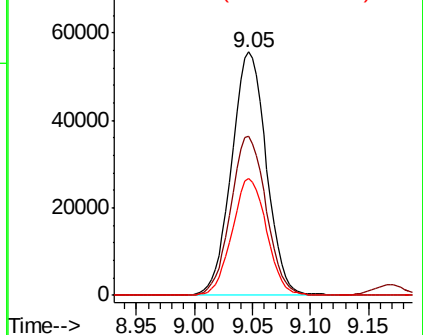
#39  
Methvlcvclohexane  
Concen: 18.183 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

Tot Ion: 83 Resp: 115829  
Ion Ratio Lower Upper  
83 100  
55 65.4 54.9 82.3  
98 48.2 41.0 61.4

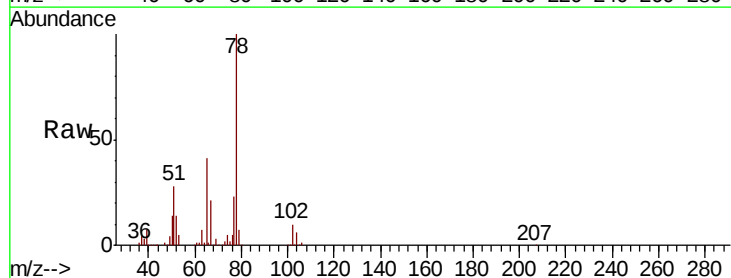


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

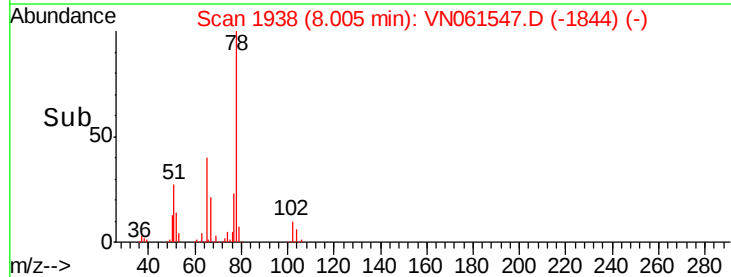
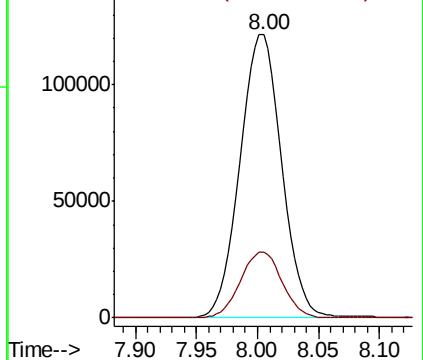


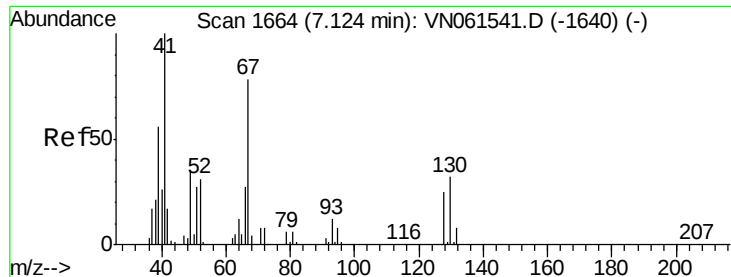
#40  
Benzene  
Concen: 18.008 ug/l  
RT: 8.00 min Scan# 1938  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 78 Resp: 287150  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.6 28.0



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

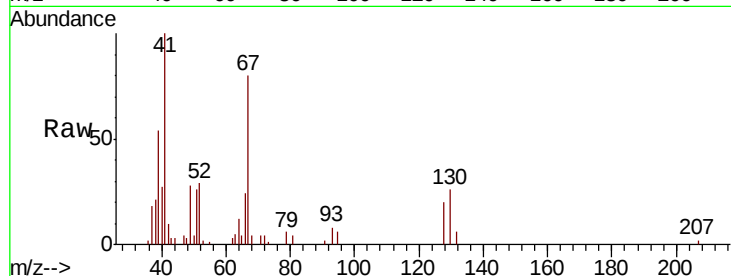




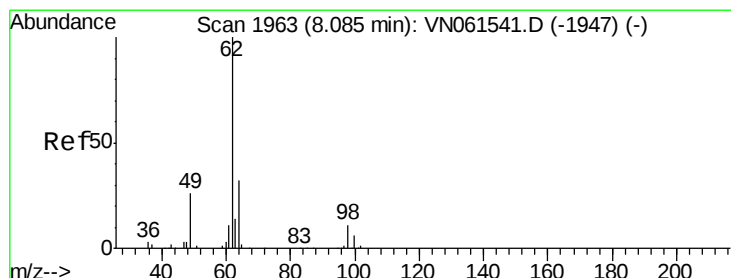
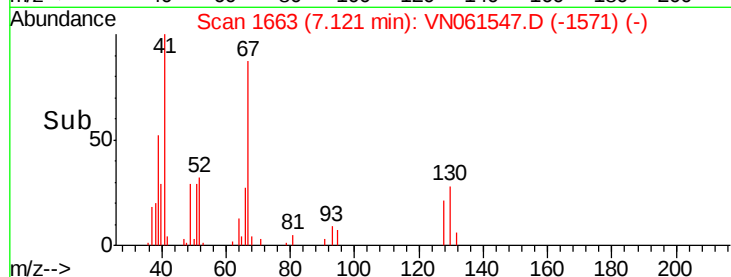
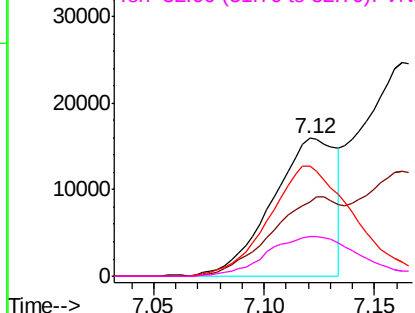
#41  
Methacrylonitrile  
Concen: 16.921 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. -0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0528WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 32271 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 62.9  | 53.8  | 80.6  |
| 67       | 106.4 | 91.1  | 136.7 |
| 52       | 42.2  | 36.0  | 54.0  |

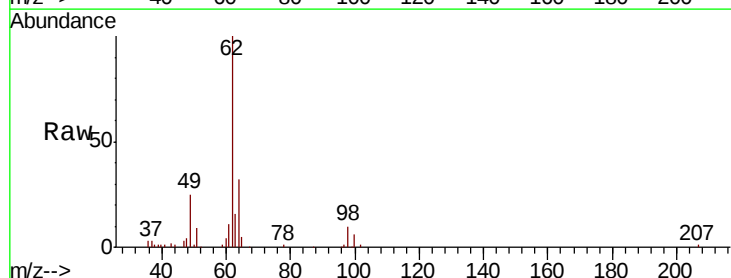


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

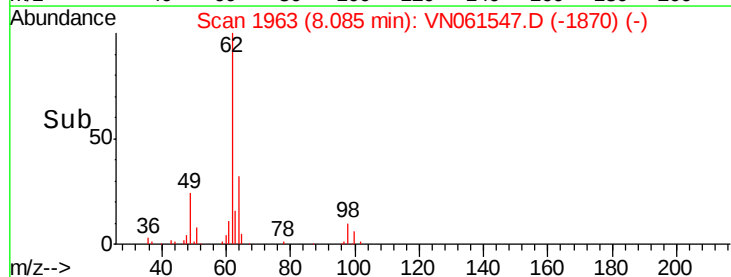
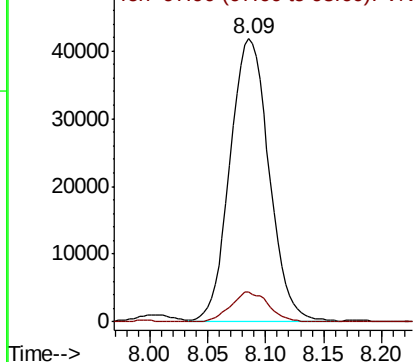


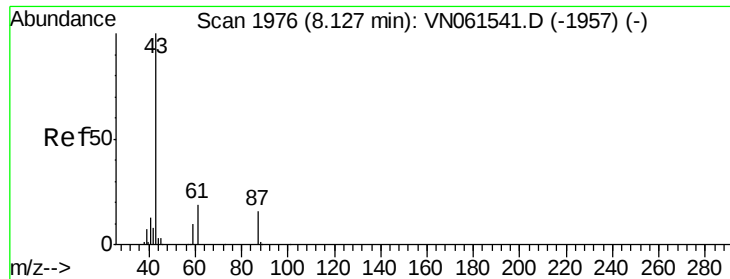
#42  
1,2-Dichloroethane  
Concen: 18.344 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 97927 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.3  | 0.0   | 21.4  |



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





#43

Isopropyl Acetate

Concen: 17.769 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

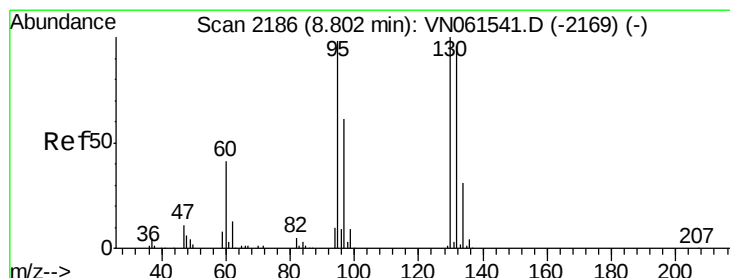
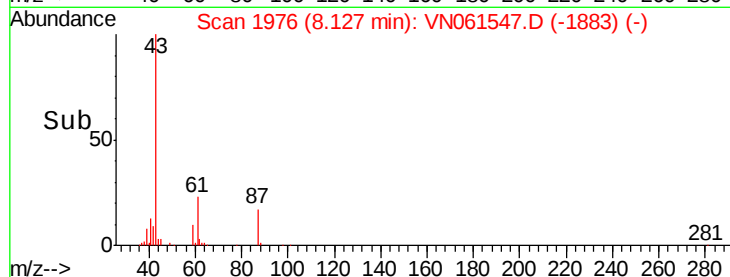
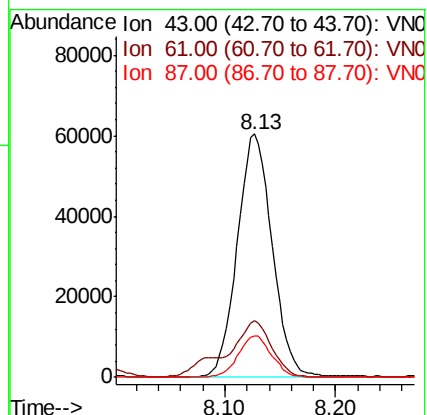
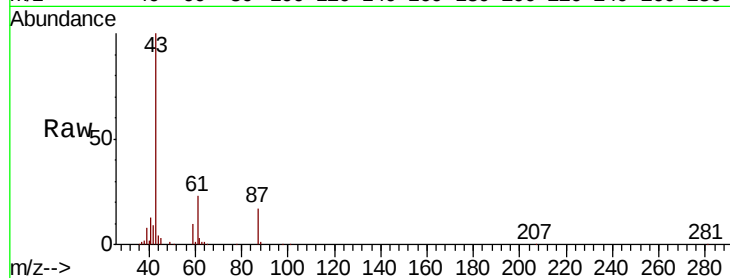
Tot Ion: 43 Resp: 133069

Ion Ratio Lower Upper

43 100

61 22.3 23.6 35.4#

87 16.3 13.0 19.6



#44

Trichloroethene

Concen: 17.929 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061547.D

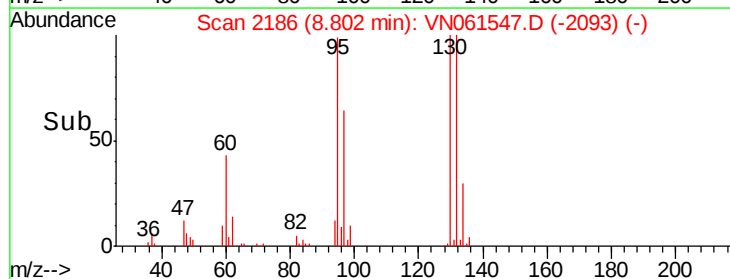
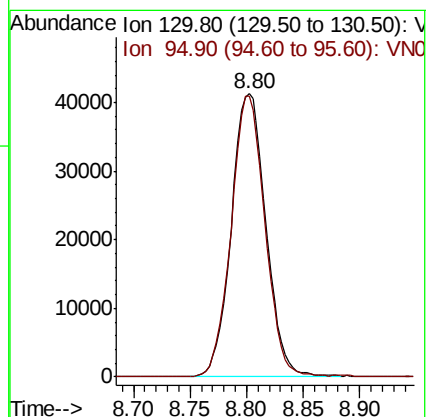
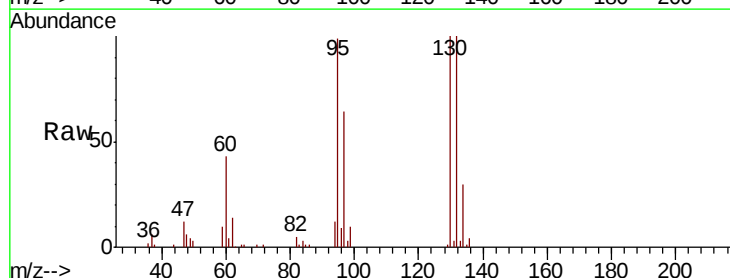
Acq: 28 May 2020 22:26

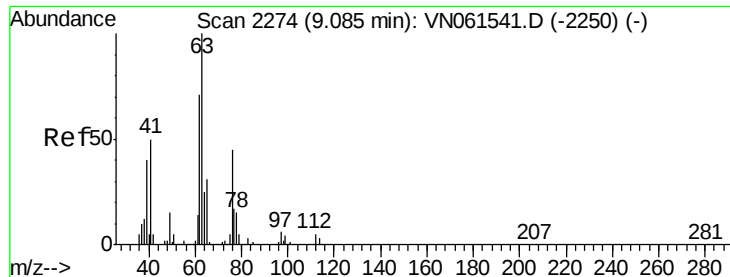
Tgt Ion: 130 Resp: 87863

Ion Ratio Lower Upper

130 100

95 99.1 0.0 196.6





#45

1,2-Dichloropropane

Concen: 18.263 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

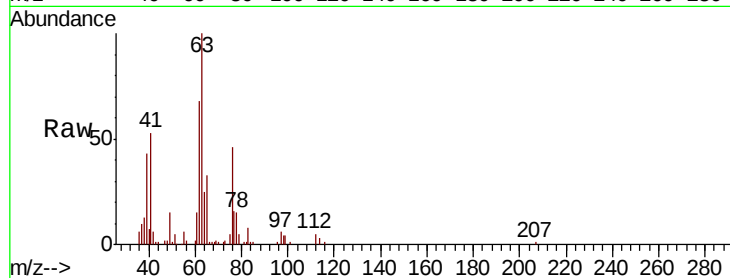
VN0528WBSD01

Tot Ion: 63 Resp: 69151

Ion Ratio Lower Upper

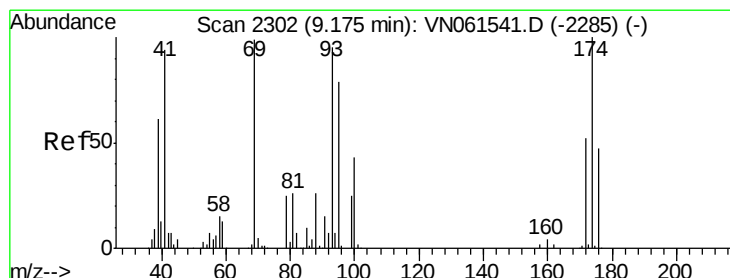
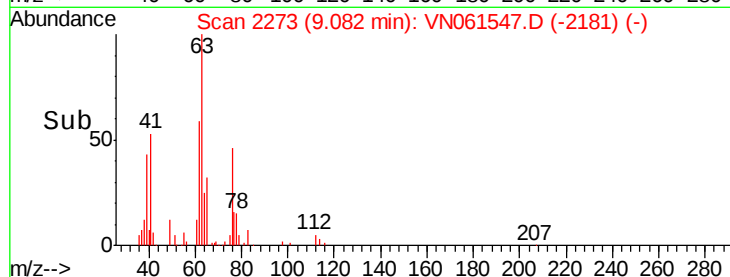
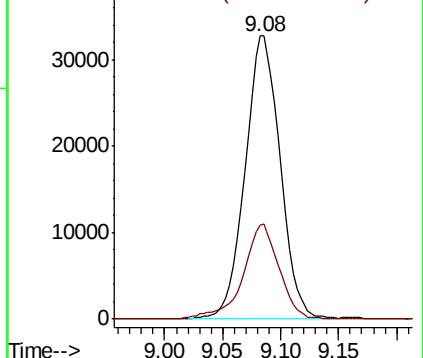
63 100

65 33.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.222 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

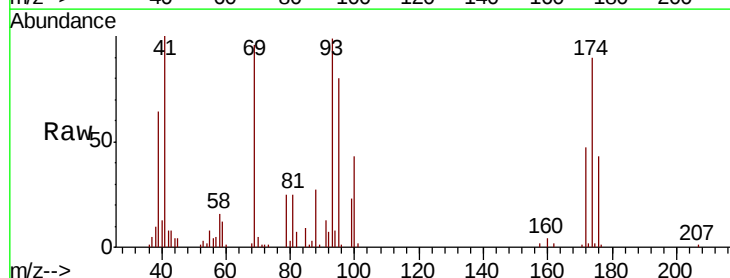
Tgt Ion: 93 Resp: 52916

Ion Ratio Lower Upper

93 100

95 81.8 66.0 99.0

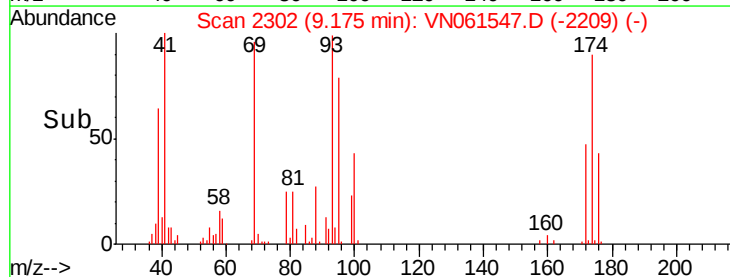
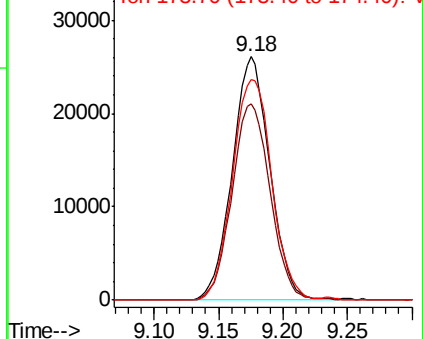
174 94.6 82.5 123.7

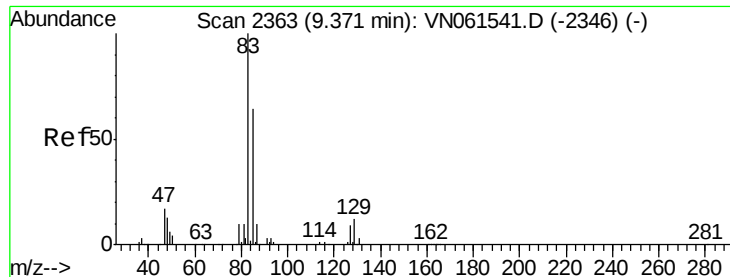


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

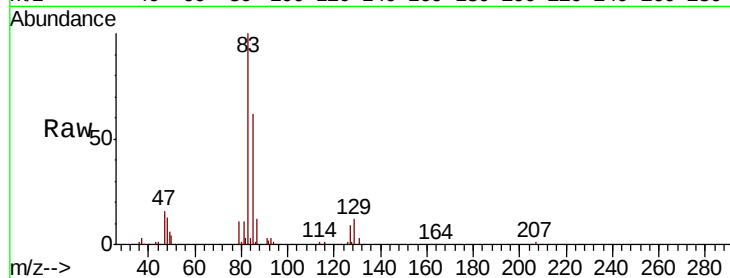




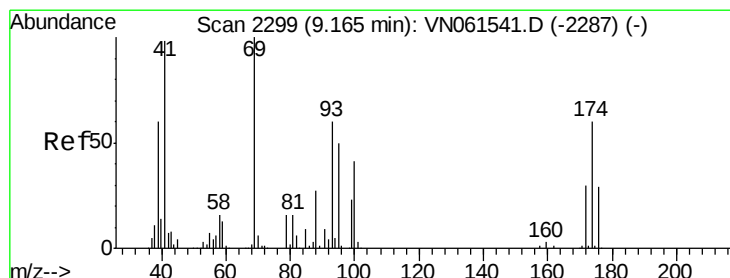
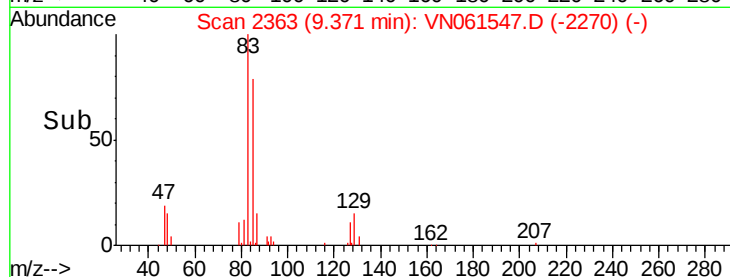
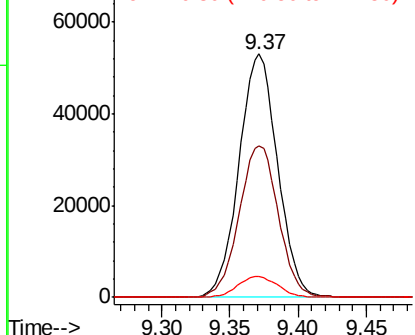
#47  
Bromodichloromethane  
Concen: 18.082 ug/l  
RT: 9.37 min Scan# 2363  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0528WBSD01

Tot Ion: 83 Resp: 104033  
Ion Ratio Lower Upper  
83 100  
85 62.4 51.1 76.7  
127 8.6 7.2 10.8

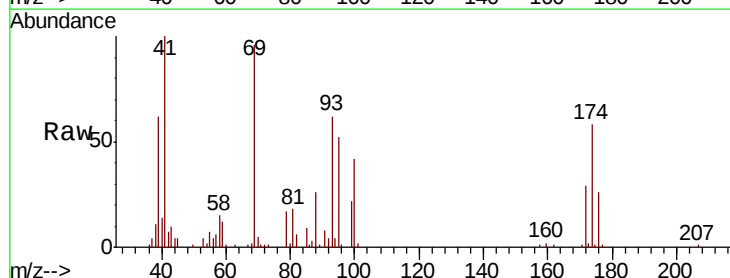


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0

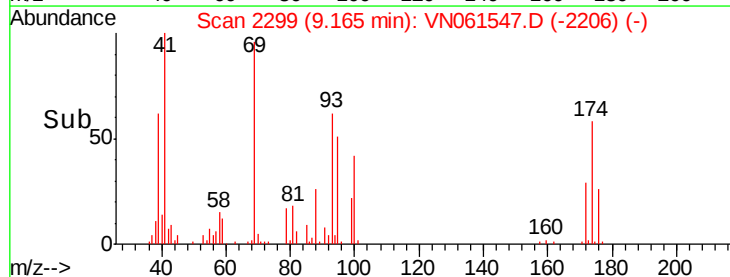
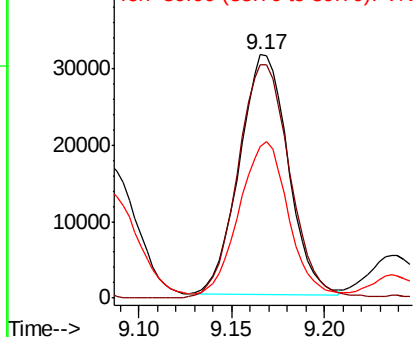


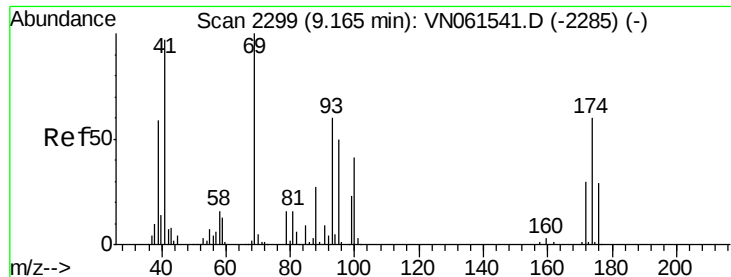
#48  
Methyl methacrylate  
Concen: 17.128 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 41 Resp: 57709  
Ion Ratio Lower Upper  
41 100  
69 104.0 83.9 125.9  
39 66.8 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

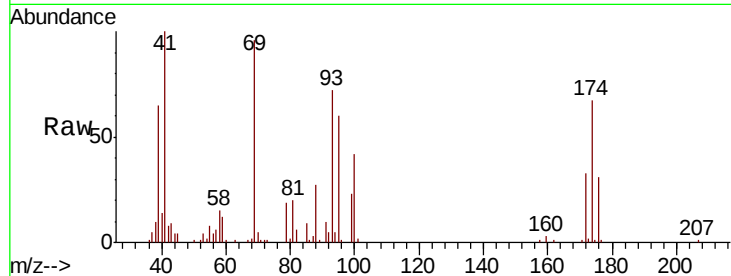




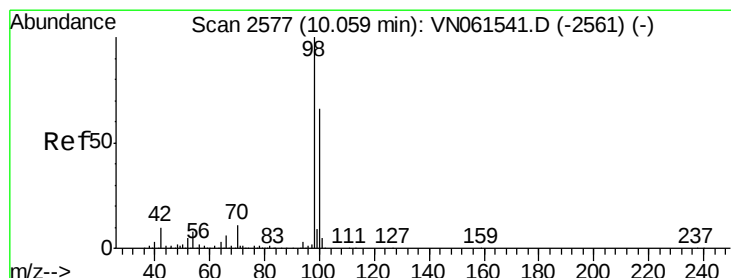
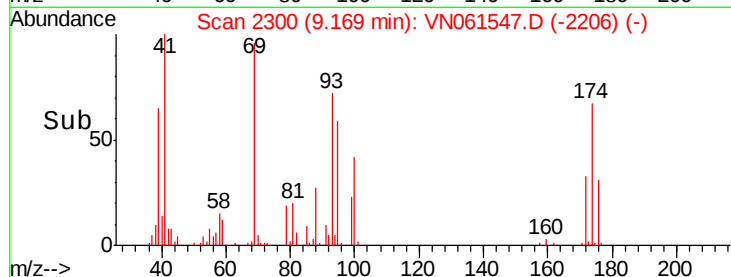
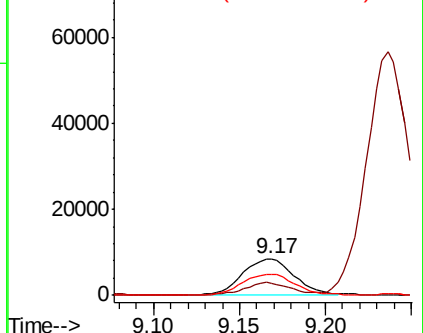
#49  
 1,4-Dioxane  
 Concen: 340.133 ug/l  
 RT: 9.17 min Scan# 2300  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

Tot Ion: 88 Resp: 17754  
 Ion Ratio Lower Upper  
 88 100  
 43 32.0 23.1 34.7  
 58 59.4 48.3 72.5

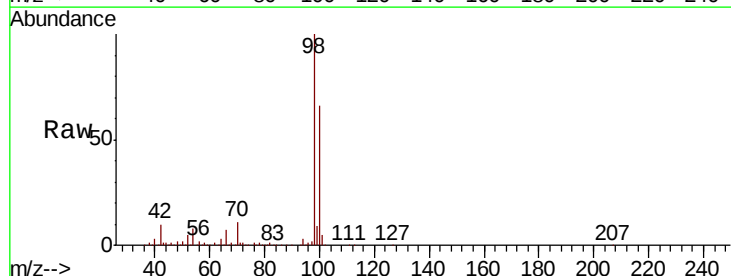


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

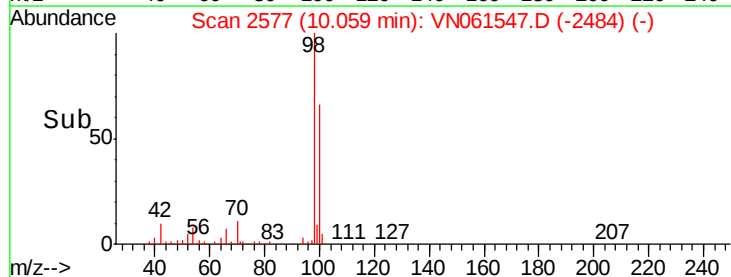
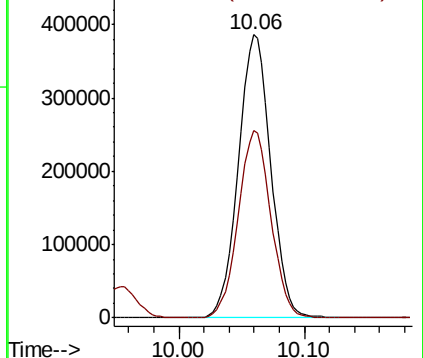


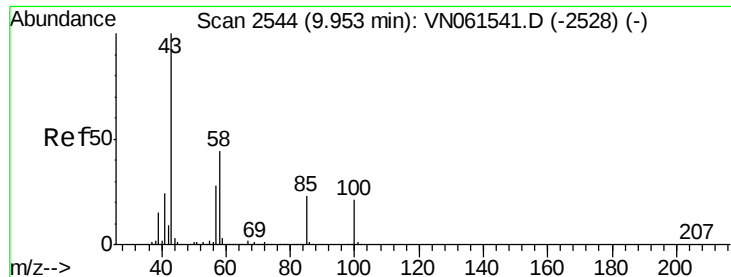
#50  
 Toluene-d8  
 Concen: 50.535 ug/l  
 RT: 10.06 min Scan# 2577  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion: 98 Resp: 693537  
 Ion Ratio Lower Upper  
 98 100  
 100 66.4 52.8 79.2



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

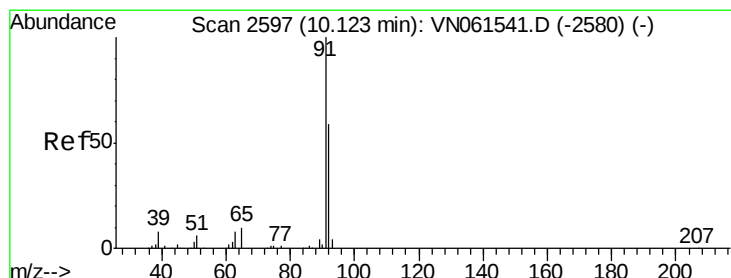
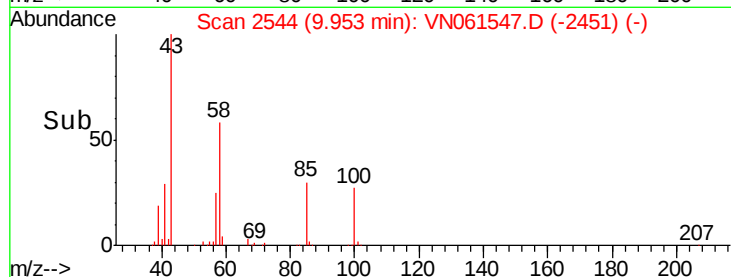
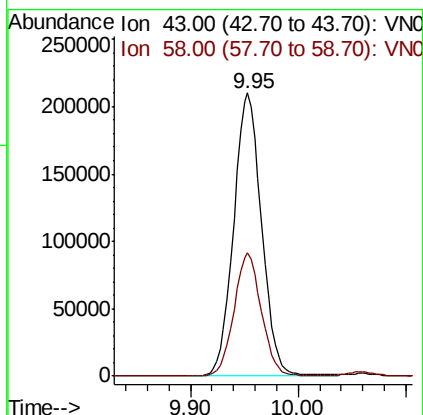
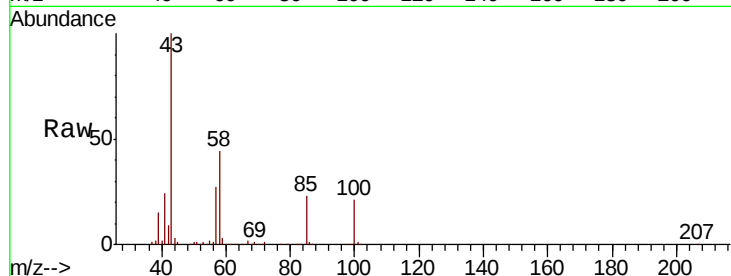




#51  
 4-Methyl-2-Pentanone  
 Concen: 89.768 ug/l  
 RT: 9.95 min Scan# 2544  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

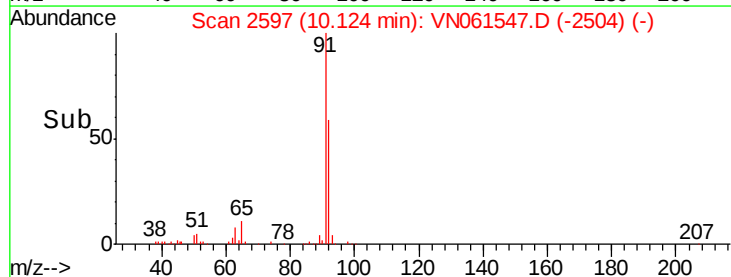
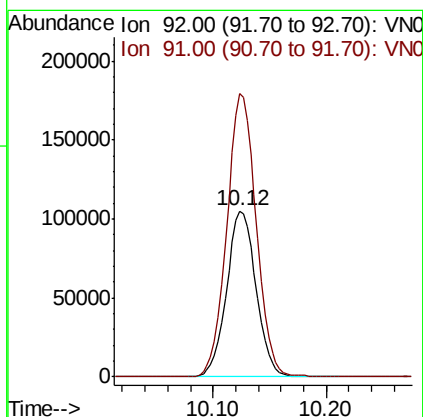
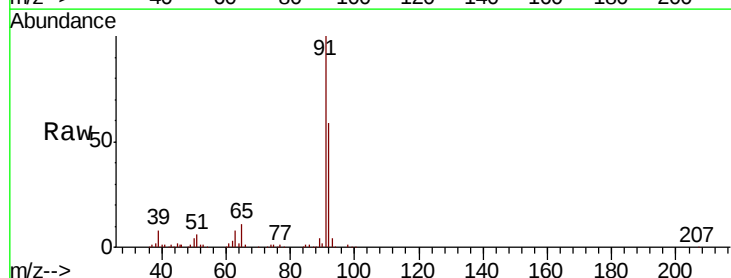
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

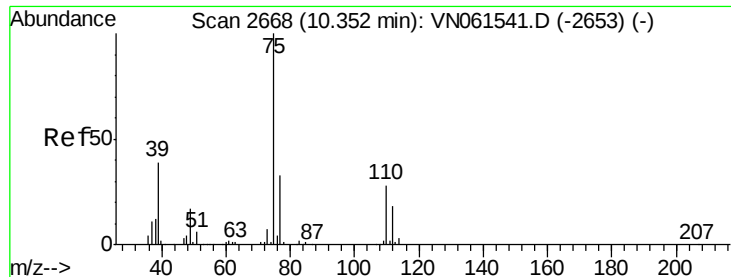
Tot Ion: 43 Resp: 378836  
 Ion Ratio Lower Upper  
 43 100  
 58 42.7 35.0 52.6



#52  
 Toluene  
 Concen: 18.239 ug/l  
 RT: 10.12 min Scan# 2597  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion: 92 Resp: 189825  
 Ion Ratio Lower Upper  
 92 100  
 91 171.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 17.606 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

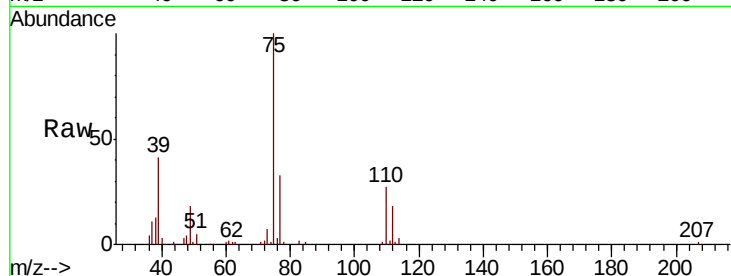
VN0528WBSD01

Tot Ion: 75 Resp: 109122

Ion Ratio Lower Upper

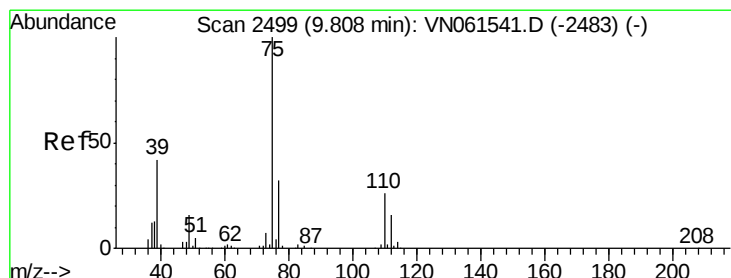
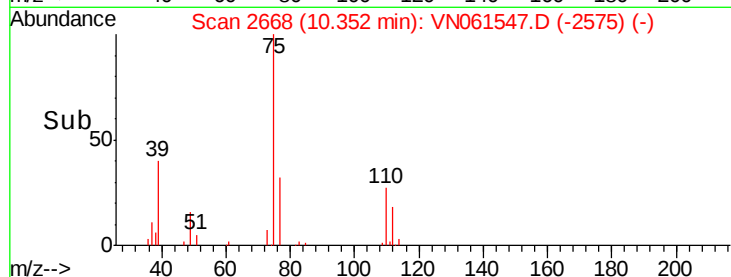
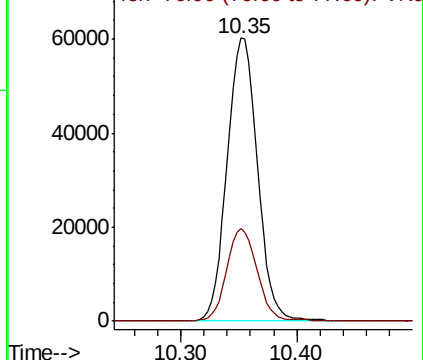
75 100

77 32.6 26.2 39.4



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: 17.742 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

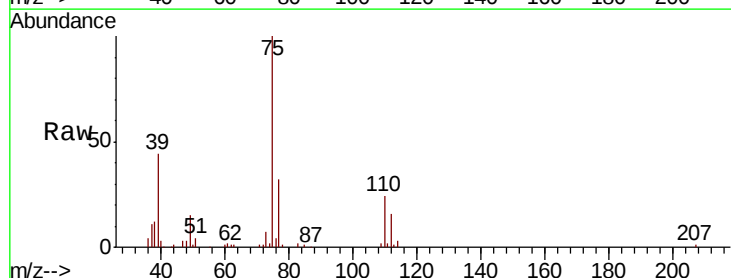
Tgt Ion: 75 Resp: 118234

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

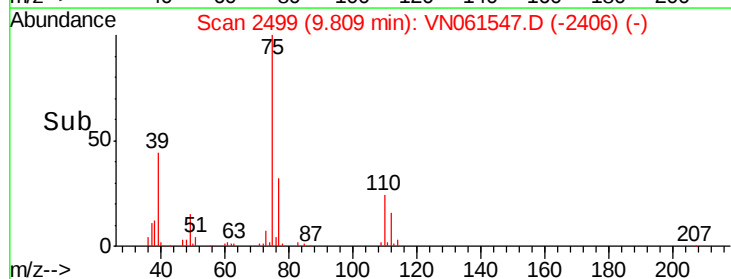
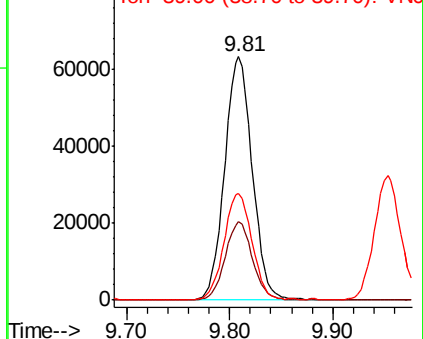
39 44.0 33.8 50.6

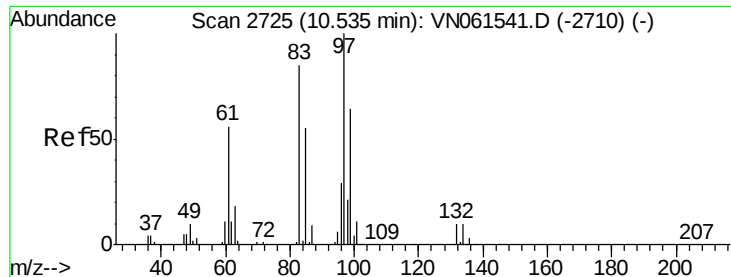


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

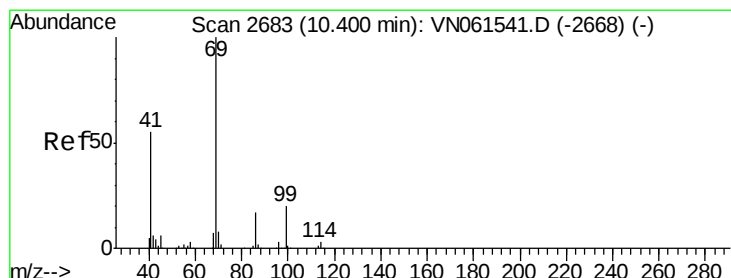
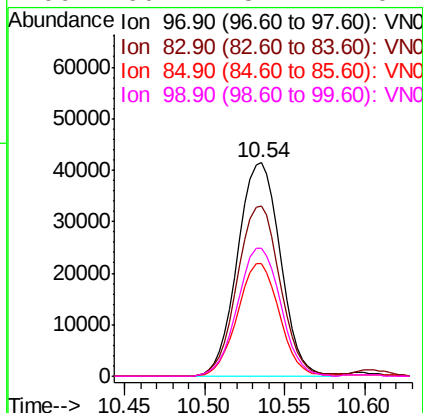
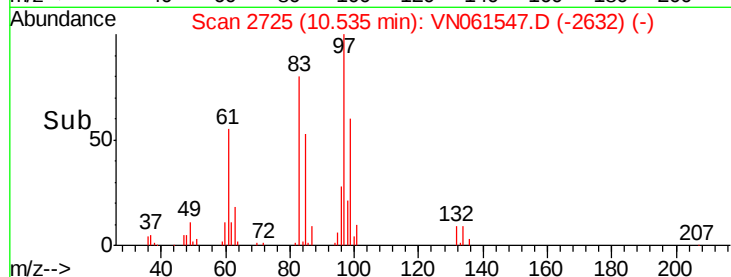
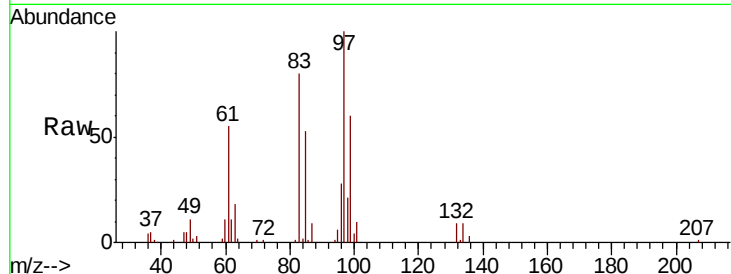




#55  
 1,1,2-Trichloroethane  
 Concen: 18.293 ug/l  
 RT: 10.54 min Scan# 2725  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

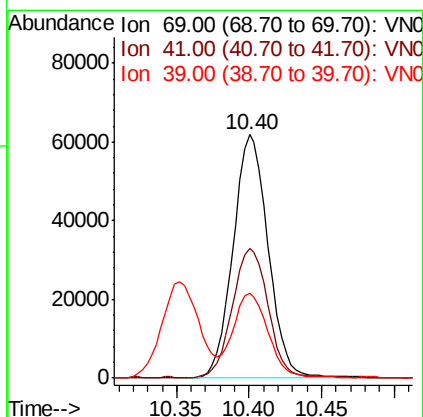
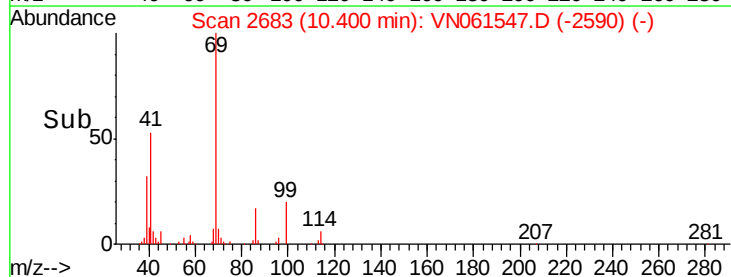
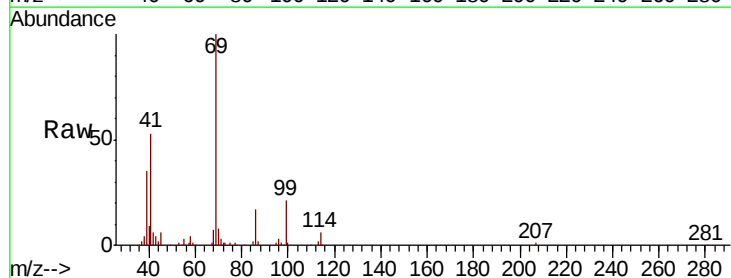
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

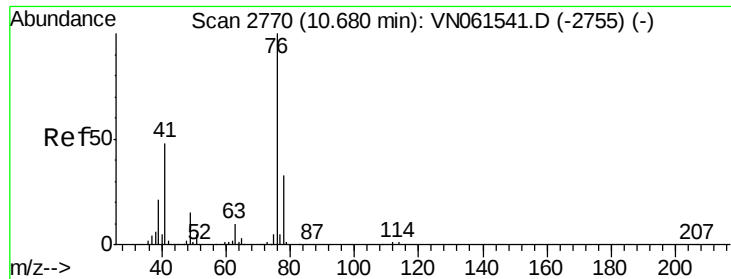
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 75850 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.0  | 68.1  | 102.1 |
| 85       | 52.7  | 44.1  | 66.1  |
| 99       | 60.2  | 51.1  | 76.7  |



#56  
 Ethyl methacrylate  
 Concen: 17.885 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 103594 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.0  | 43.5  | 65.3   |
| 39       | 35.6  | 27.0  | 40.6   |

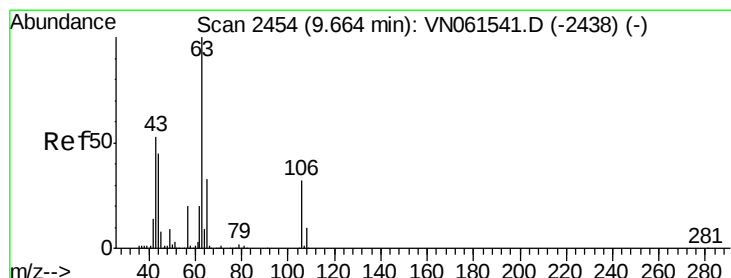
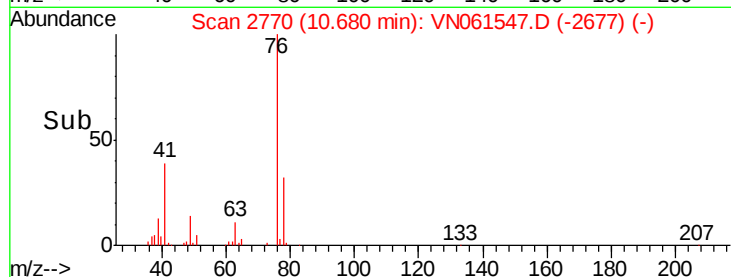
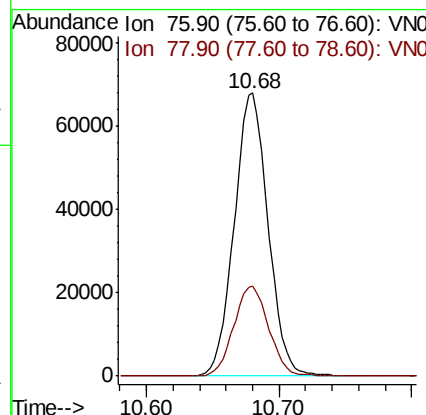
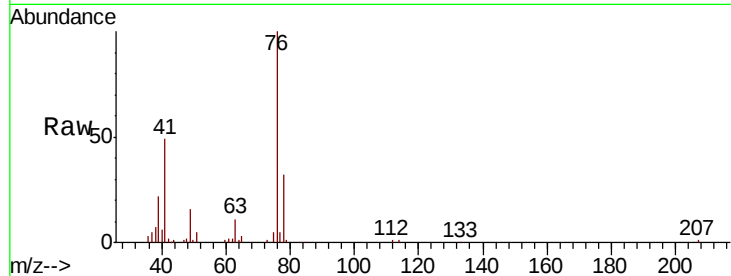




#57  
 1,3-Dichloropropane  
 Concen: 18.126 ug/l  
 RT: 10.68 min Scan# 2770  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

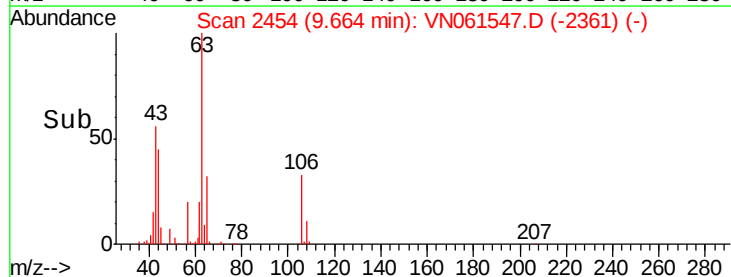
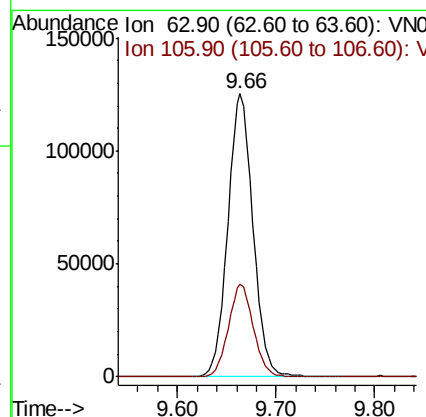
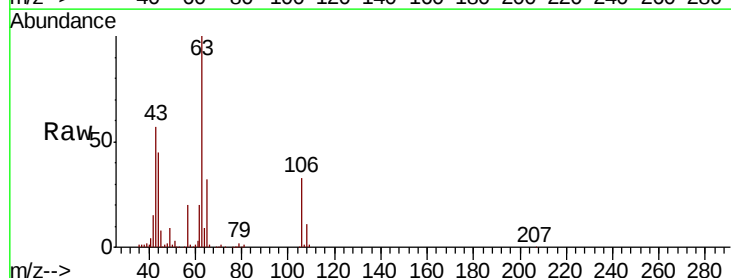
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

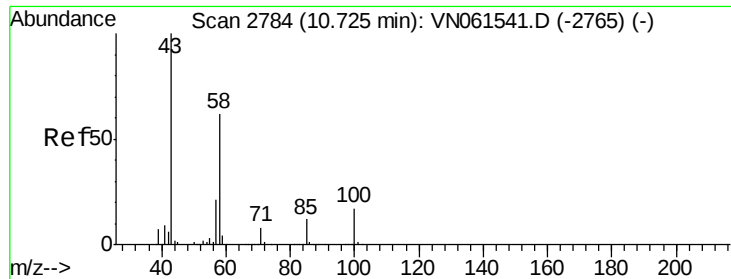
Tot Ion: 76 Resp: 120204  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 26.3 39.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 90.531 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion: 63 Resp: 224091  
 Ion Ratio Lower Upper  
 63 100  
 106 32.4 25.9 38.9

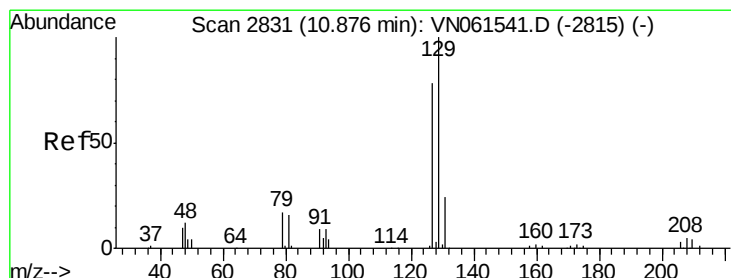
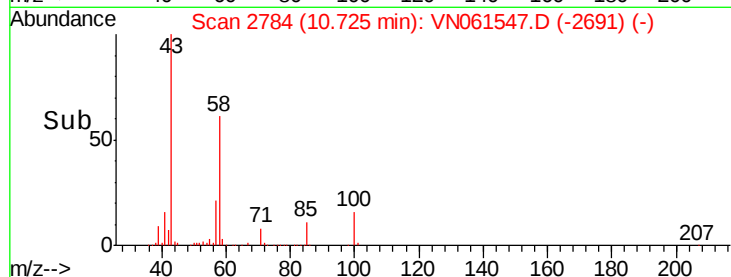
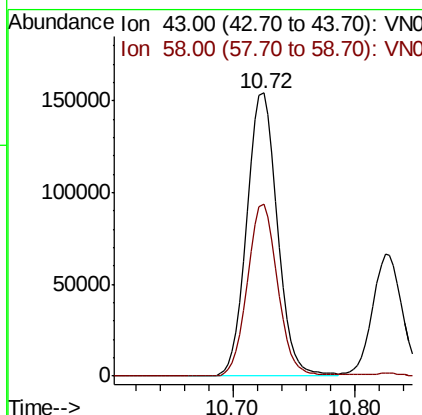
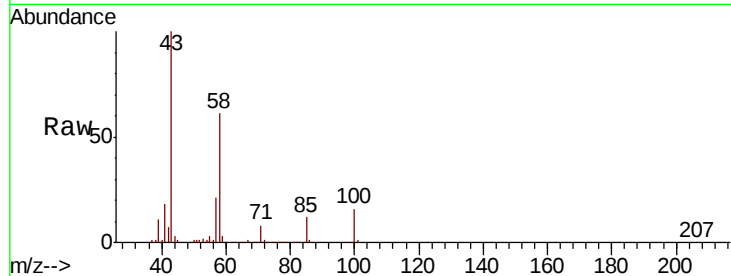




#59  
2-Hexanone  
Concen: 87.849 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

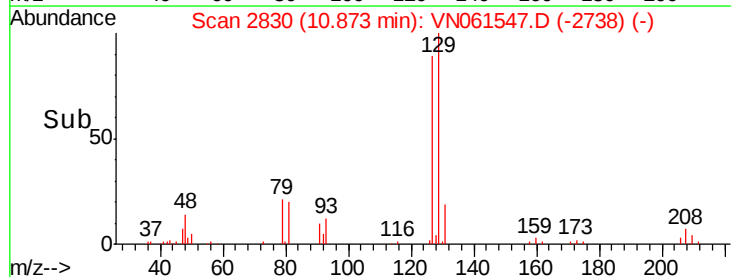
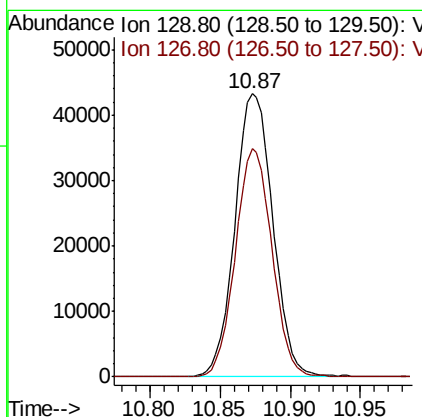
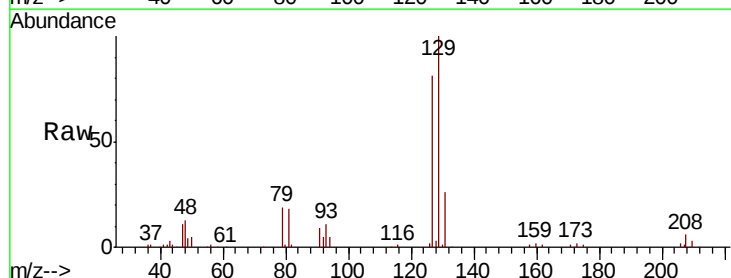
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0528WBSD01

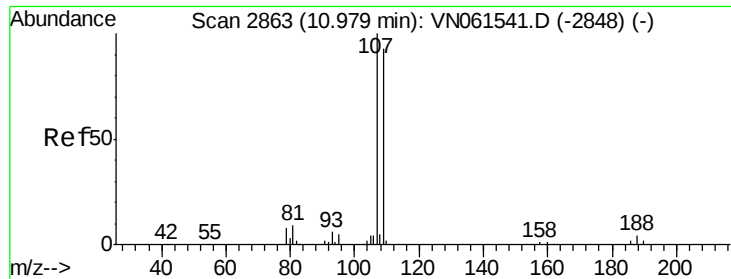
Tot Ion: 43 Resp: 266253  
Ion Ratio Lower Upper  
43 100  
58 60.0 30.7 92.1



#60  
Dibromochloromethane  
Concen: 17.306 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 129 Resp: 81579  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.8 116.3

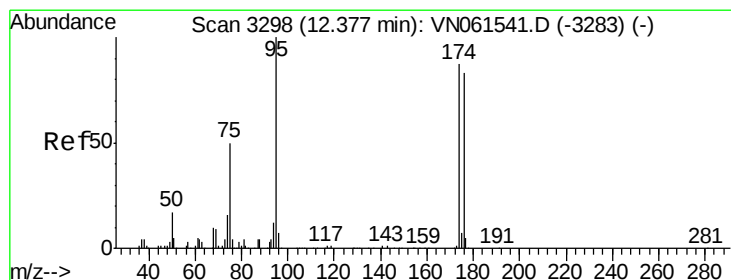
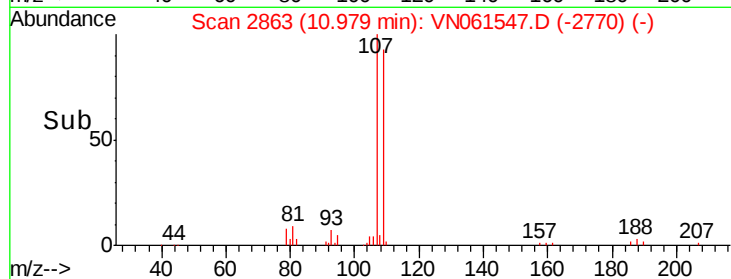
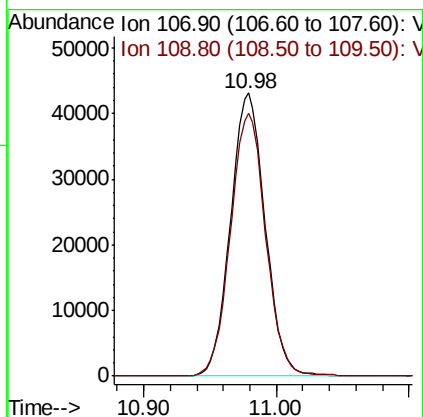
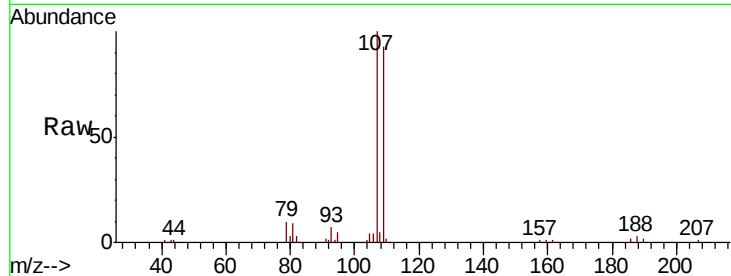




#61  
 1,2-Dibromoethane  
 Concen: 18.029 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

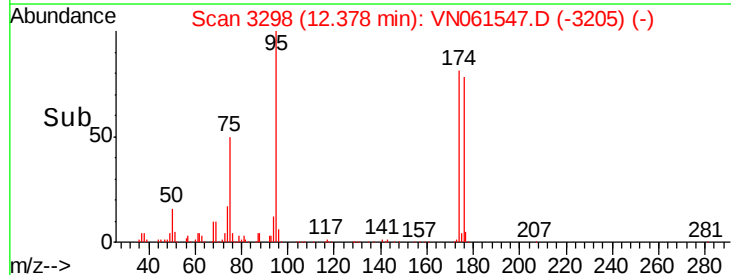
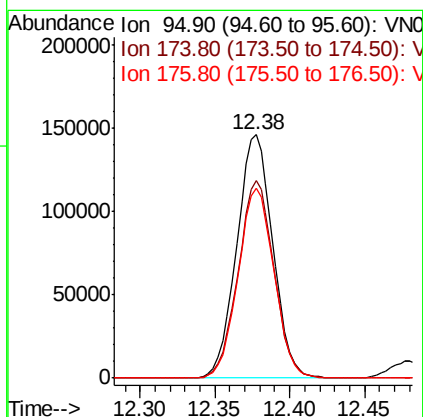
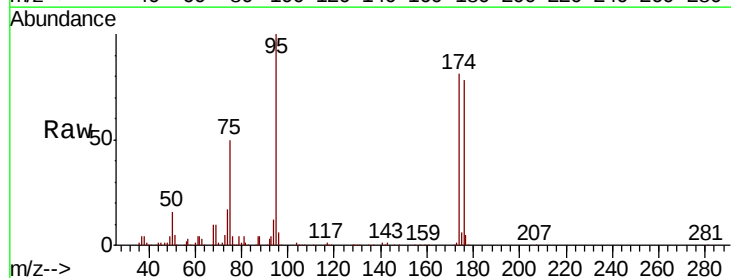
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

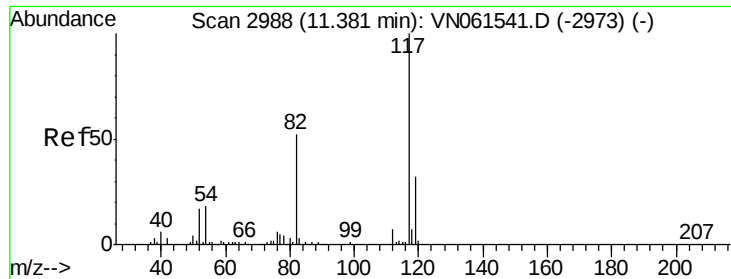
Tot Ion:107 Resp: 77968  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 76.1 114.1



#62  
 4-Bromofluorobenzene  
 Concen: 48.824 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion: 95 Resp: 244461  
 Ion Ratio Lower Upper  
 95 100  
 174 80.5 0.0 172.8  
 176 78.1 0.0 164.8

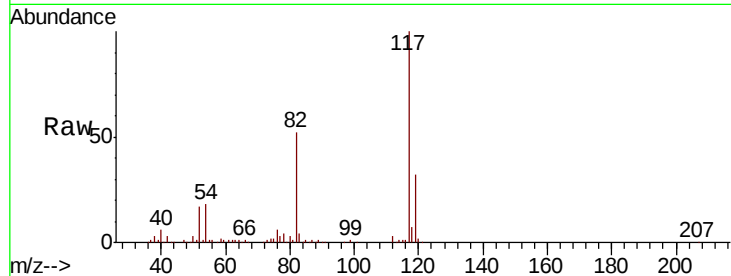




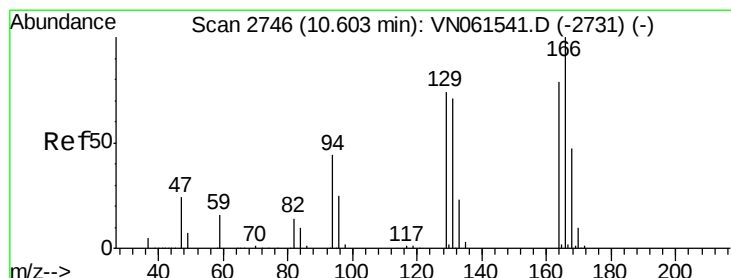
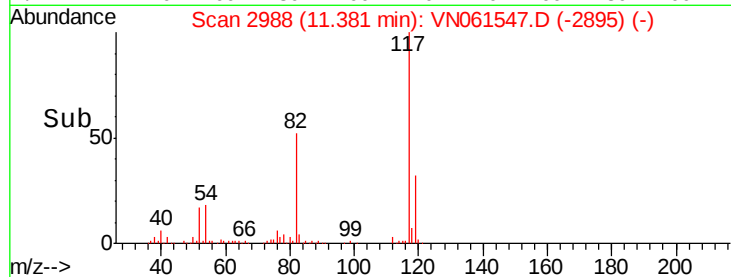
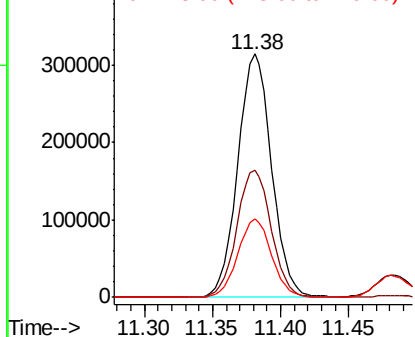
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

Tot Ion:117 Resp: 541474  
Ion Ratio Lower Upper  
117 100  
82 52.2 41.5 62.3  
119 32.0 25.6 38.4

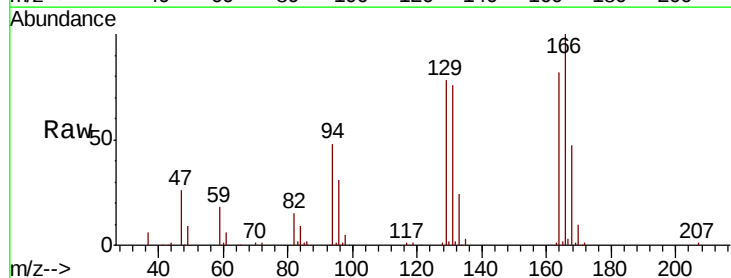


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

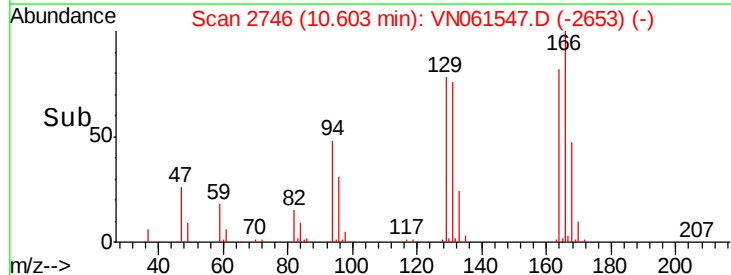
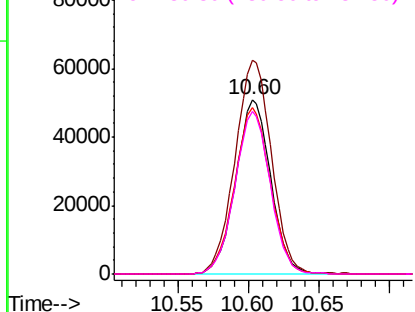


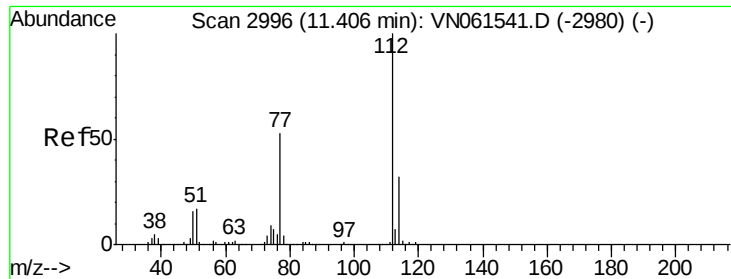
#64  
Tetrachloroethene  
Concen: 17.404 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion:164 Resp: 88708  
Ion Ratio Lower Upper  
164 100  
166 122.6 101.5 152.3  
129 95.7 74.9 112.3  
131 93.0 72.2 108.2



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: 18.187 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampled :

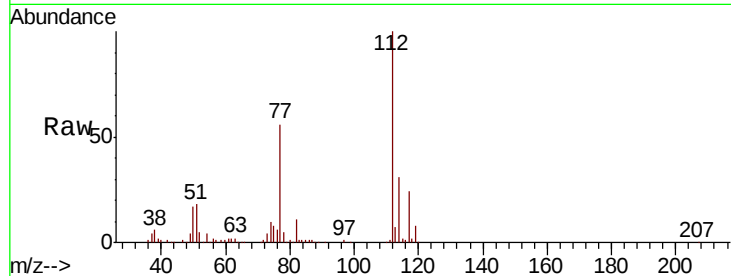
VN0528WBSD01

Tot Ion:112 Resp: 204702

Ion Ratio Lower Upper

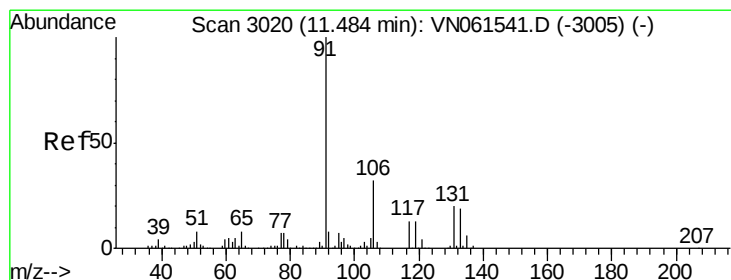
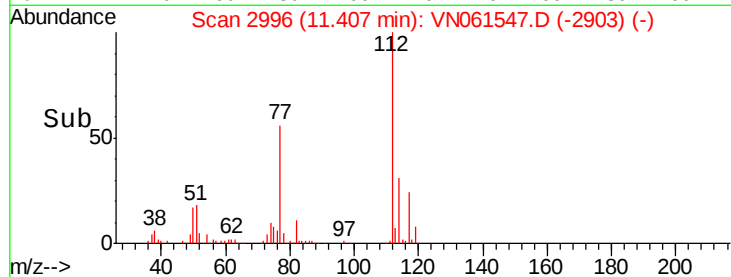
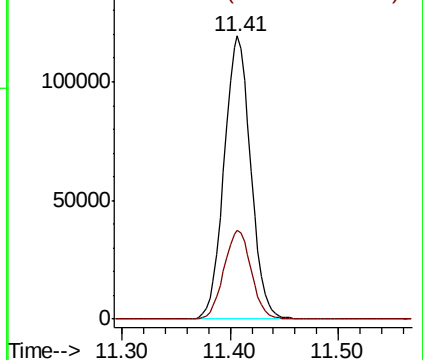
112 100

114 31.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.317 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

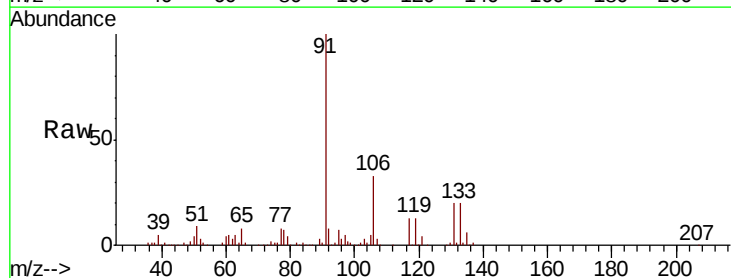
Tgt Ion:131 Resp: 72572

Ion Ratio Lower Upper

131 100

133 100.7 47.4 142.2

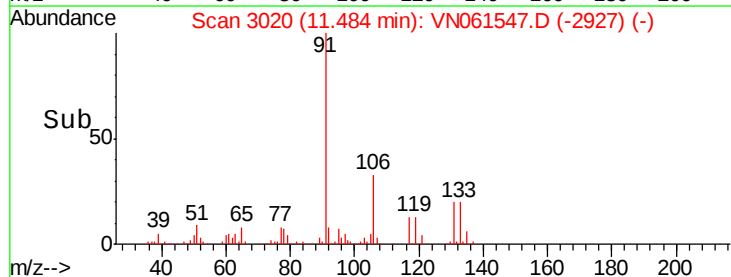
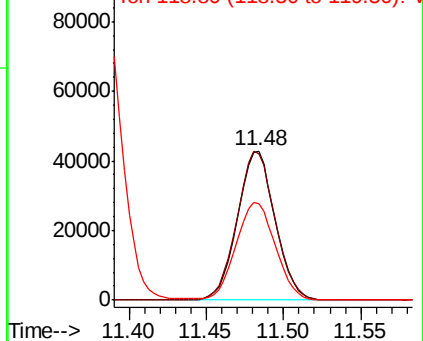
119 68.1 32.6 97.8

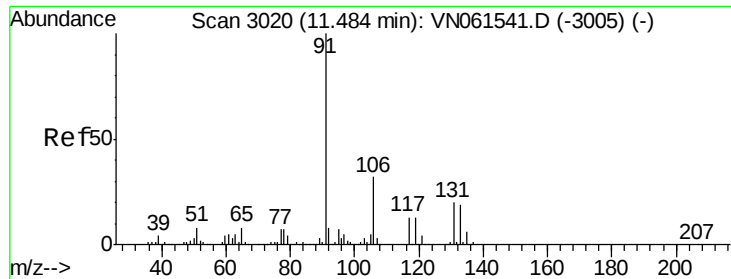


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

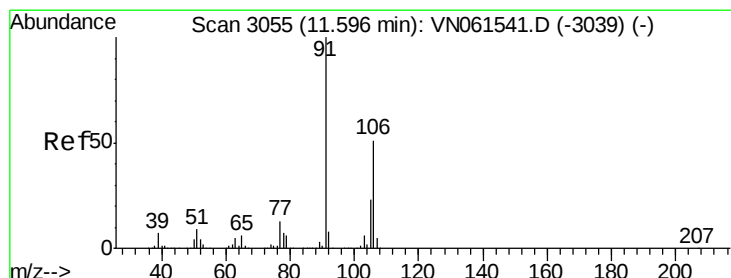
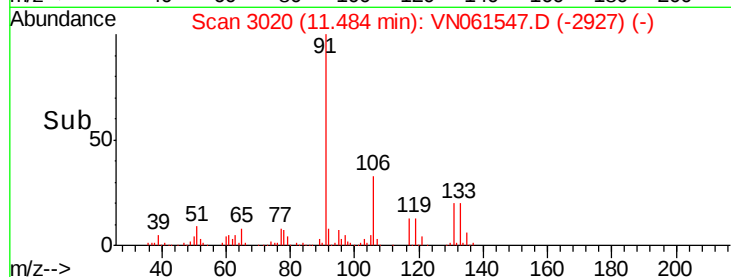
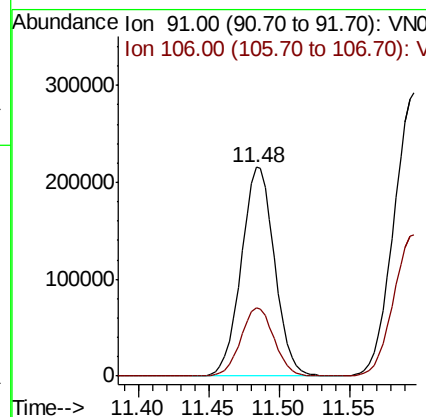
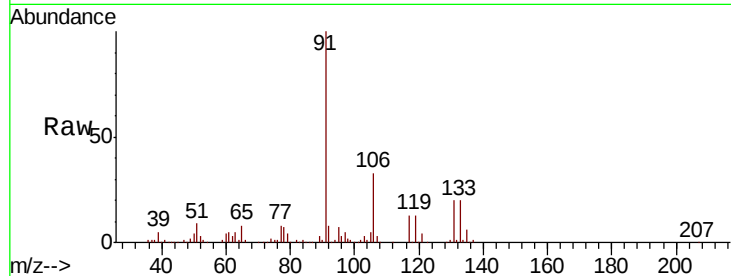




#67  
Ethyl Benzene  
Concen: 18.345 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

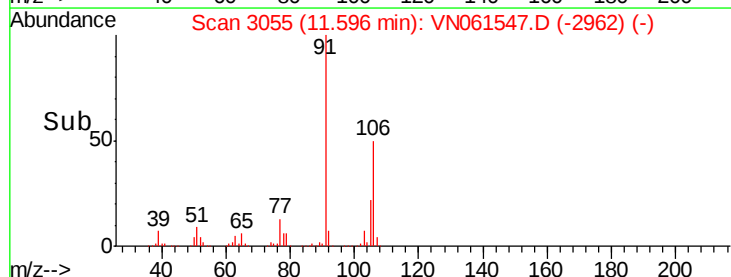
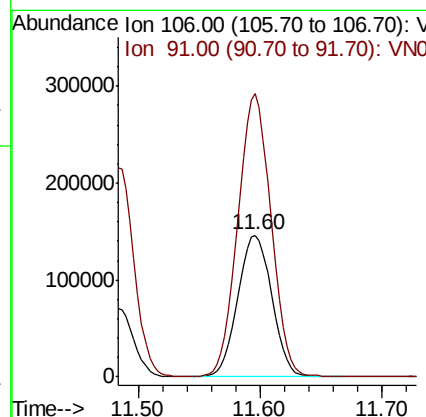
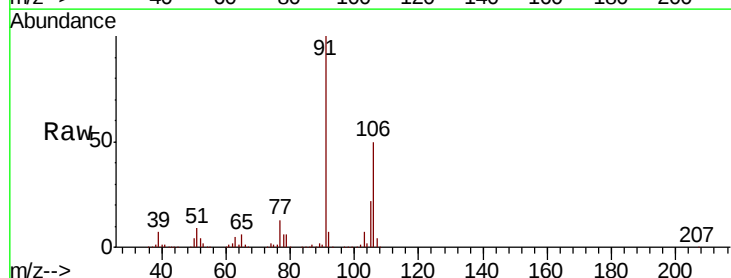
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MSVOA\_N  
ClientSampled :  
VN0528WBSD01

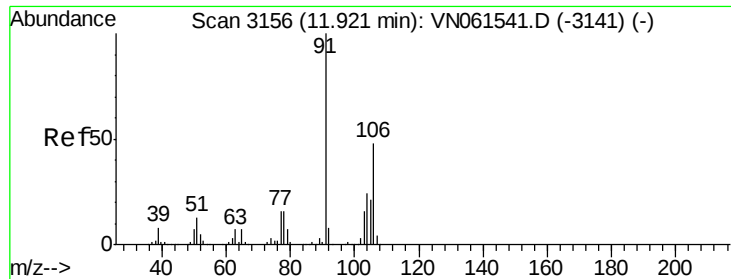
Tot Ion: 91 Resp: 356878  
Ion Ratio Lower Upper  
91 100  
106 32.8 25.6 38.4



#68  
m/p-Xylenes  
Concen: 36.507 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion: 106 Resp: 281591  
Ion Ratio Lower Upper  
106 100  
91 195.4 156.2 234.4

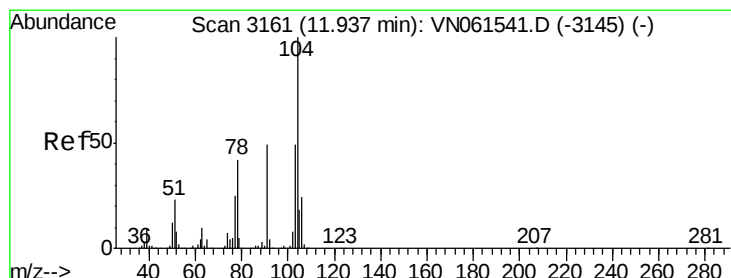
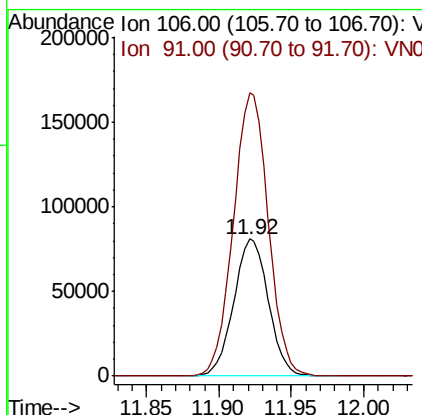
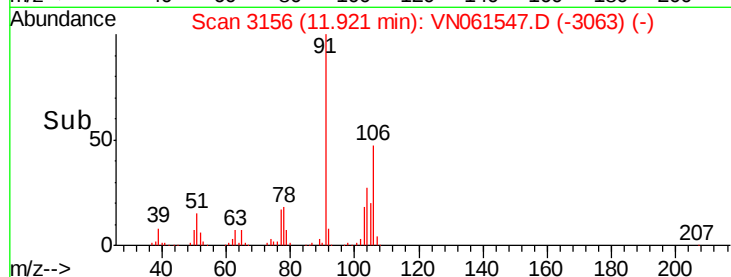
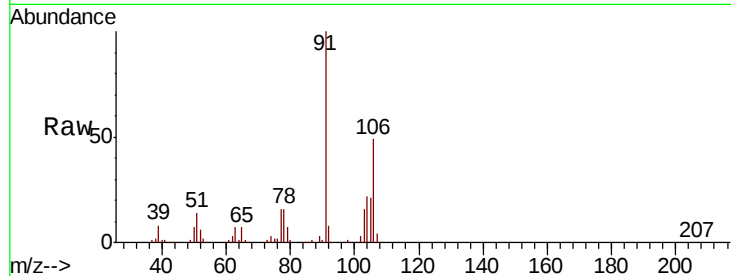




#69  
o-Xylene  
Concen: 18.353 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

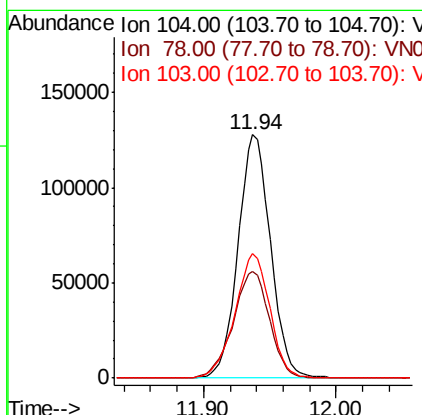
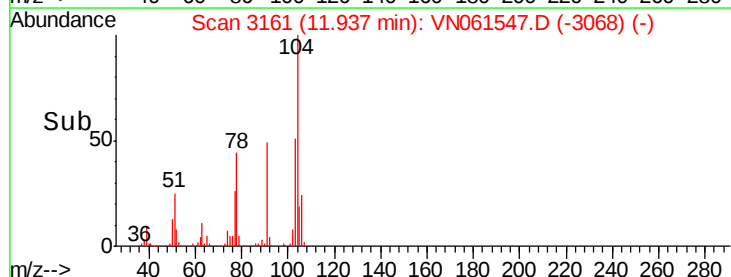
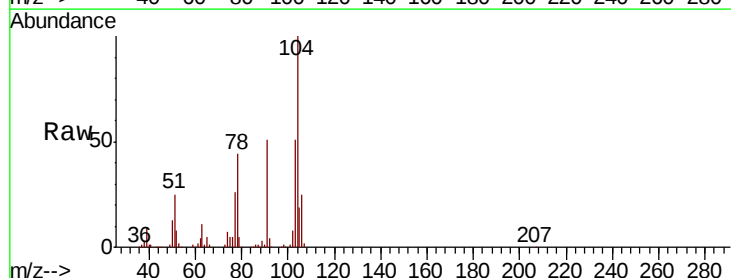
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

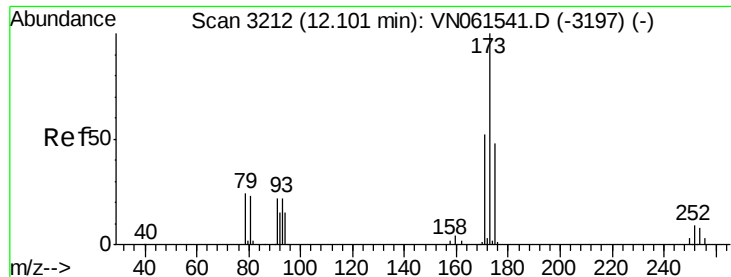
Tot Ion:106 Resp: 134459  
Ion Ratio Lower Upper  
106 100  
91 208.2 103.3 309.8



#70  
Styrene  
Concen: 17.952 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion:104 Resp: 217803  
Ion Ratio Lower Upper  
104 100  
78 49.1 37.4 56.0  
103 54.7 42.3 63.5





#71

Bromoform

Concen: 16.346 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

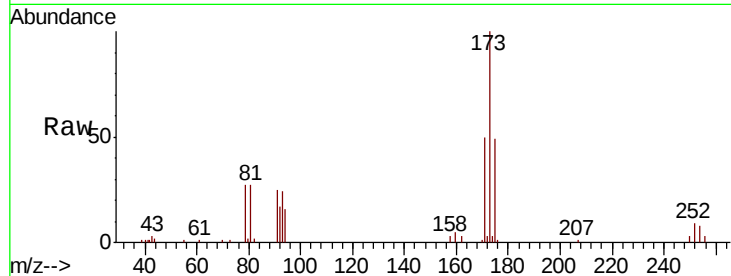
Tot Ion:173 Resp: 52788

Ion Ratio Lower Upper

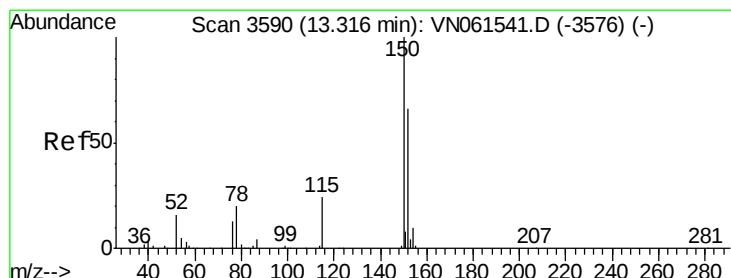
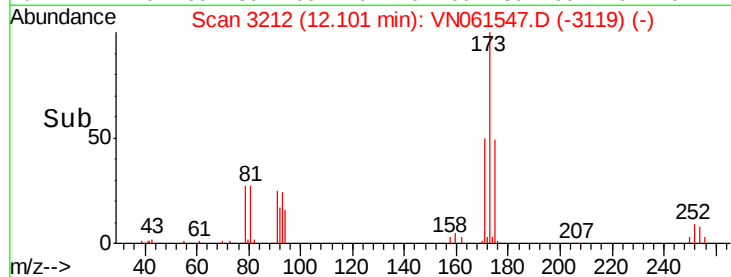
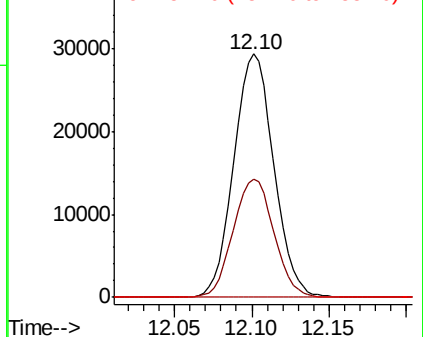
173 100

175 49.3 24.4 73.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

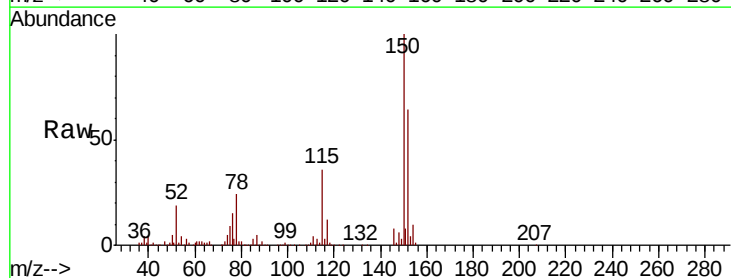
Tgt Ion:152 Resp: 255983

Ion Ratio Lower Upper

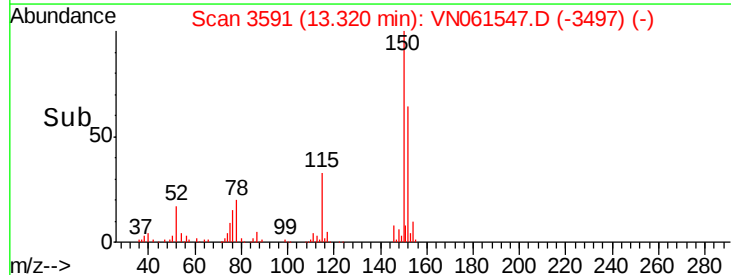
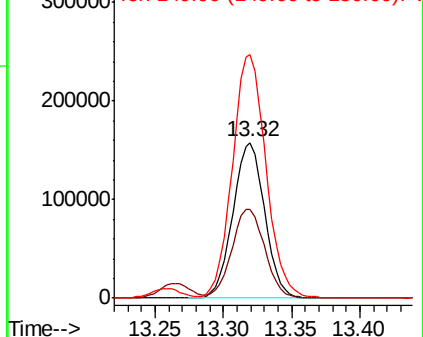
152 100

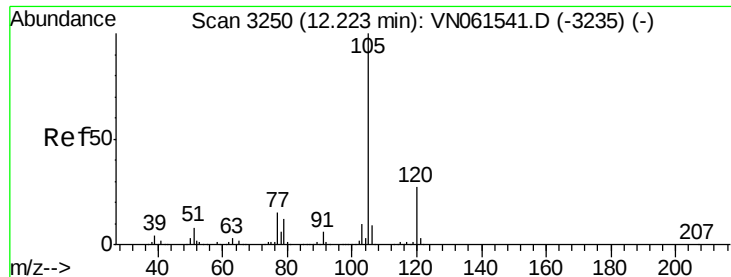
115 59.2 28.0 84.0

150 164.7 0.0 344.0



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





#73

Isopropylbenzene

Concen: 18.981 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

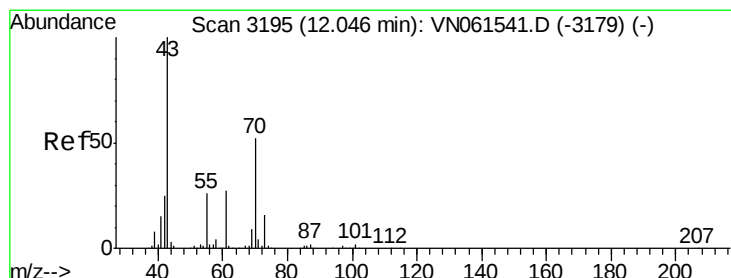
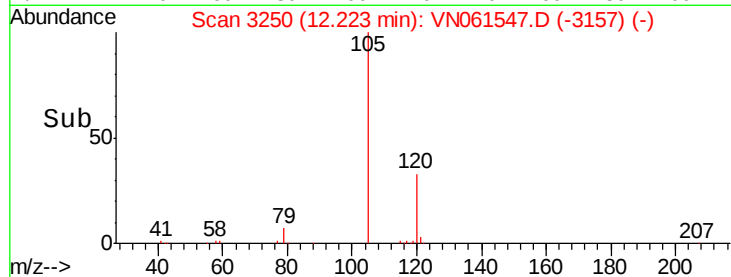
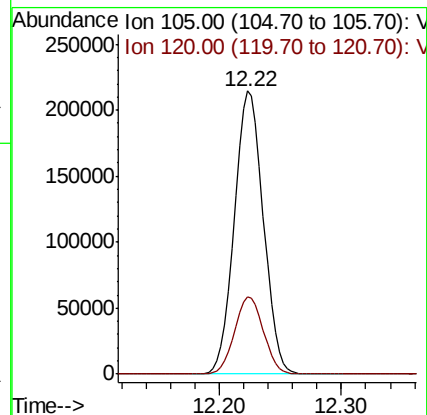
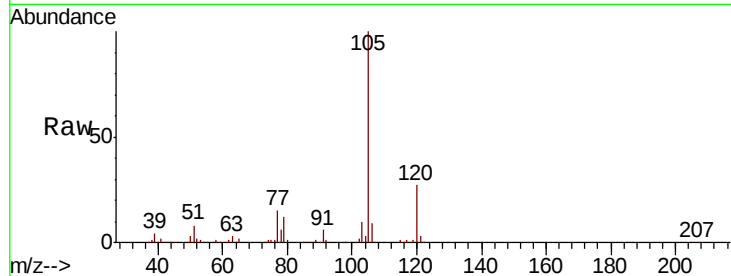
VN0528WBSD01

Tot Ion:105 Resp: 354628

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 18.595 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Tgt Ion: 43 Resp: 109408

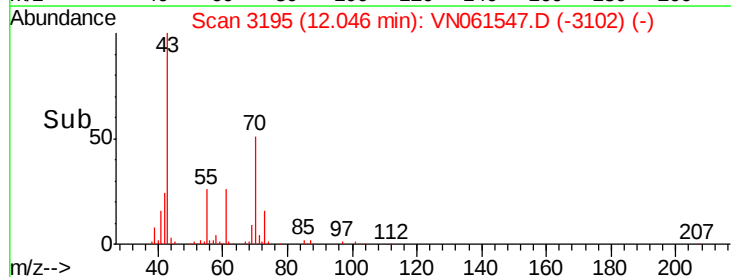
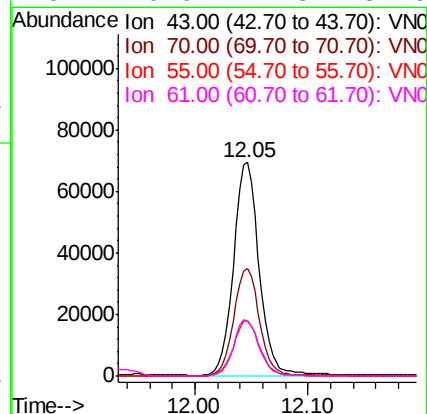
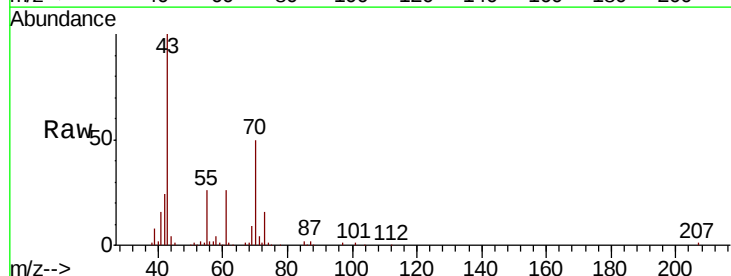
Ion Ratio Lower Upper

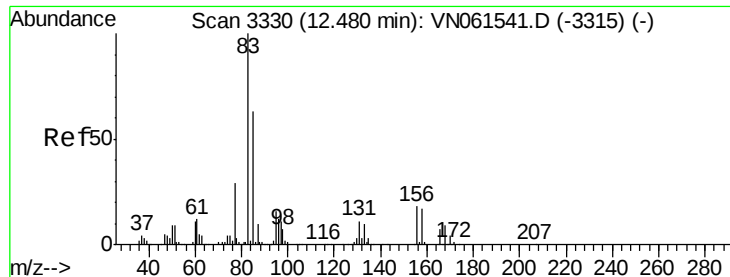
43 100

70 50.7 40.5 60.7

55 26.6 20.6 31.0

61 26.6 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.548 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

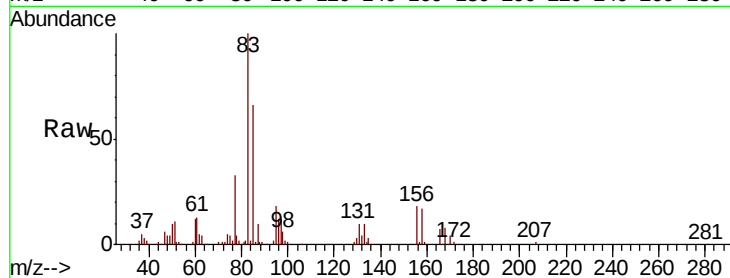
Tot Ion: 83 Resp: 97110

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

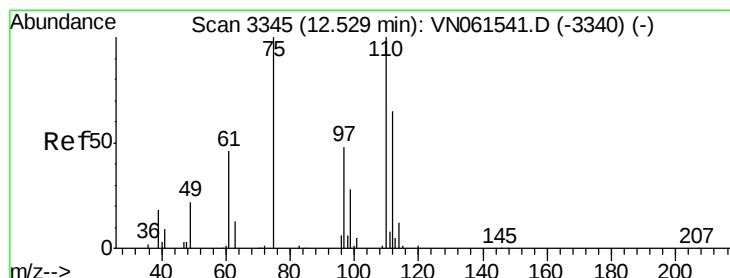
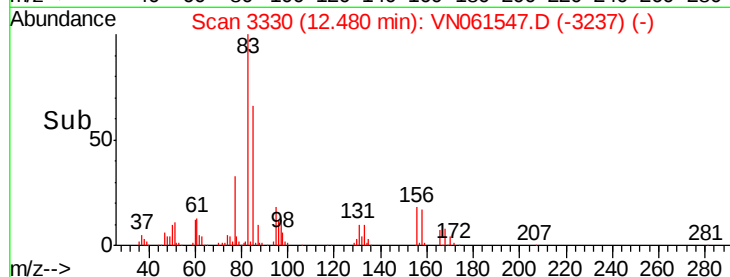
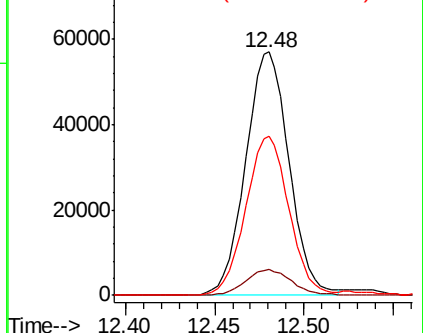
85 65.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061547.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061547.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061547.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 26.379 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061547.D

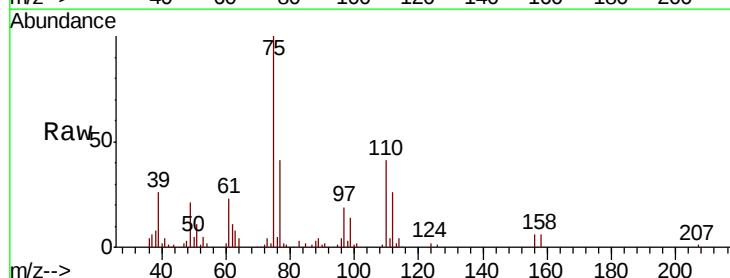
Acq: 28 May 2020 22:26

Tgt Ion: 75 Resp: 122786

Ion Ratio Lower Upper

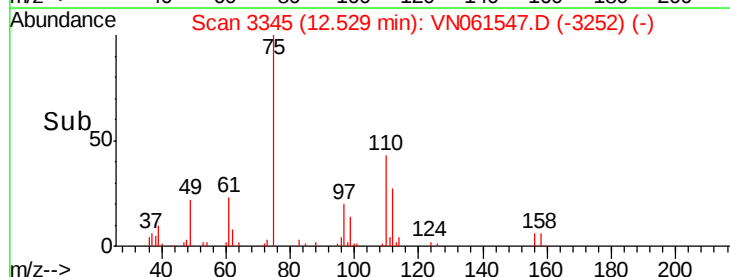
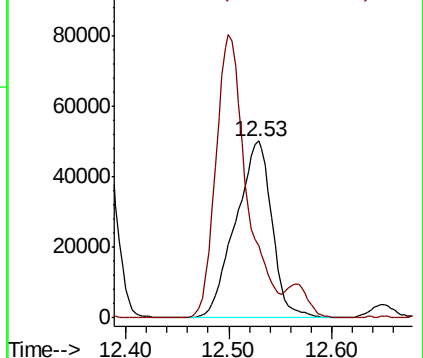
75 100

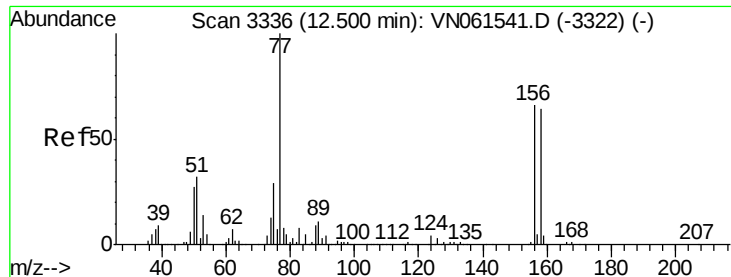
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061547.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN061547.D (-3345) (-)





#77

Bromobenzene

Concen: 18.307 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

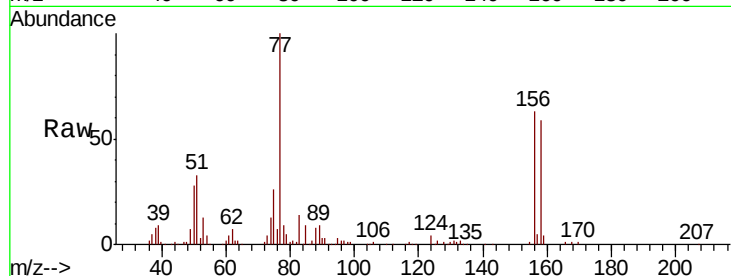
Tot Ion:156 Resp: 87307

Ion Ratio Lower Upper

156 100

77 192.0 90.9 272.7

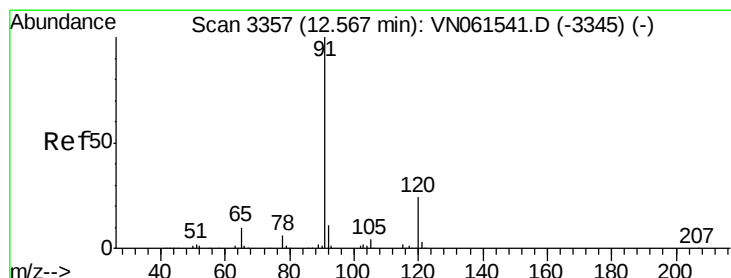
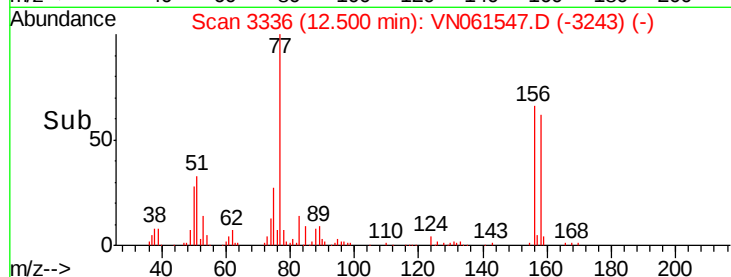
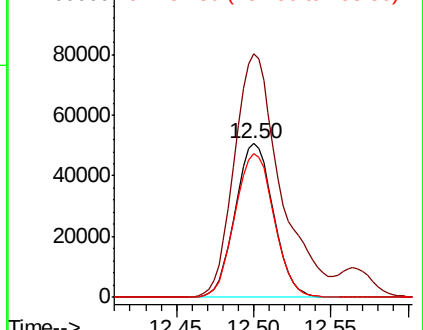
158 95.6 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.797 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061547.D

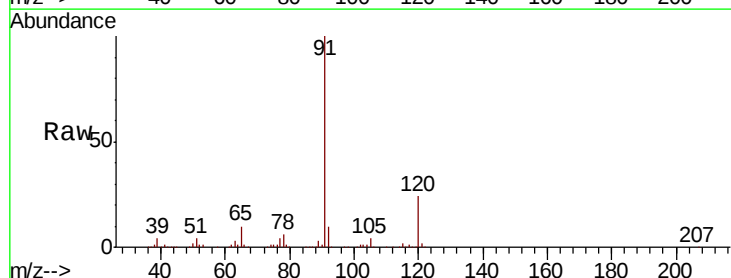
Acq: 28 May 2020 22:26

Tgt Ion: 91 Resp: 392062

Ion Ratio Lower Upper

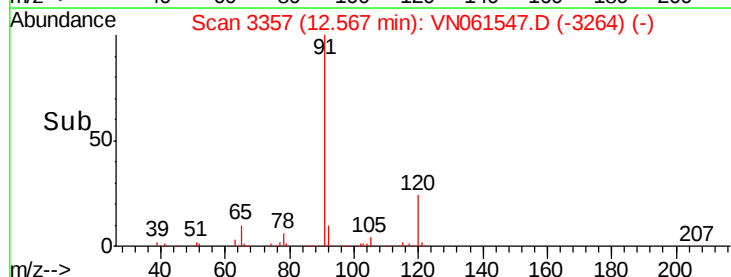
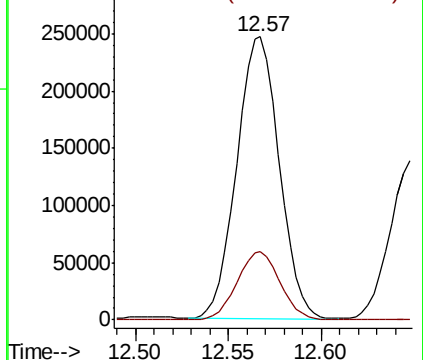
91 100

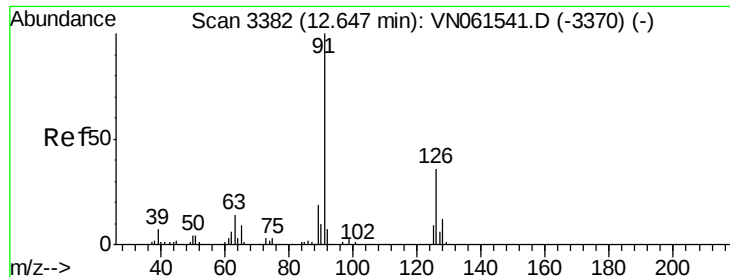
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

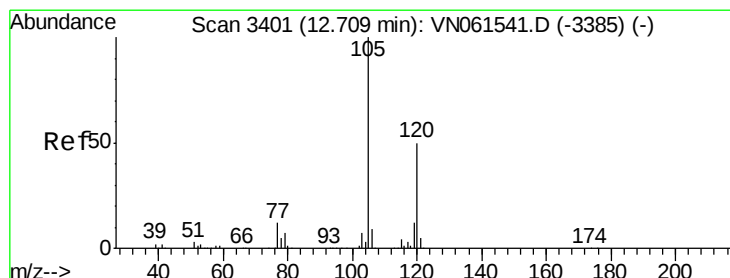
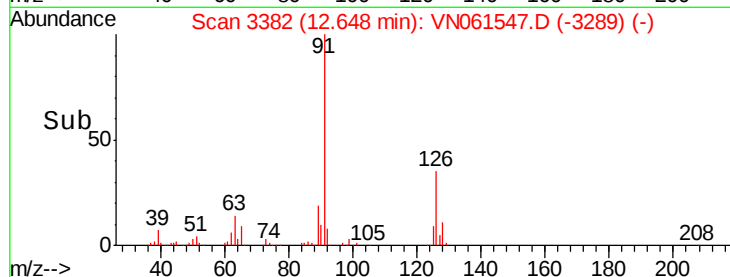
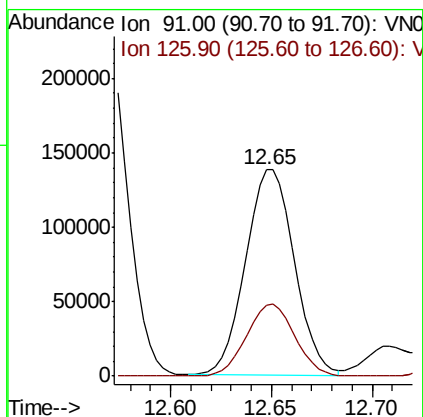
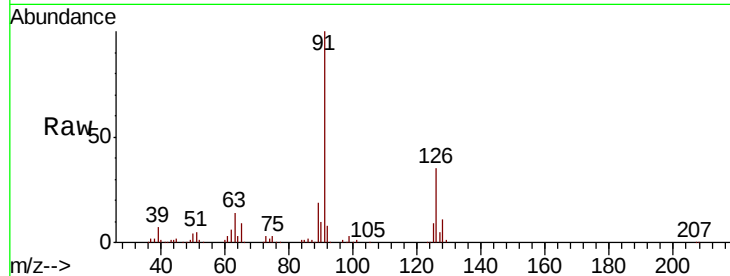




#79  
 2-Chlorotoluene  
 Concen: 18.781 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

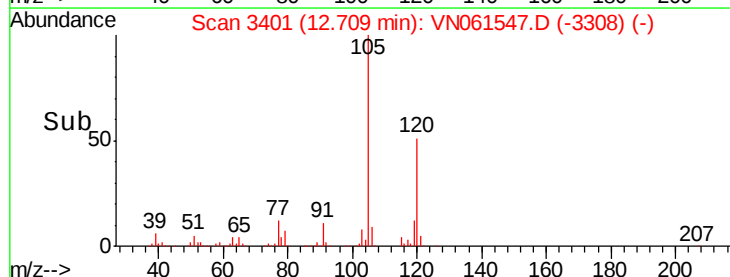
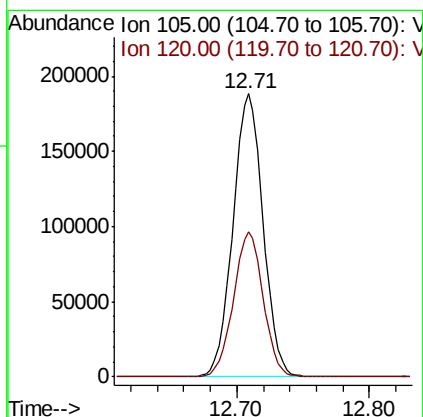
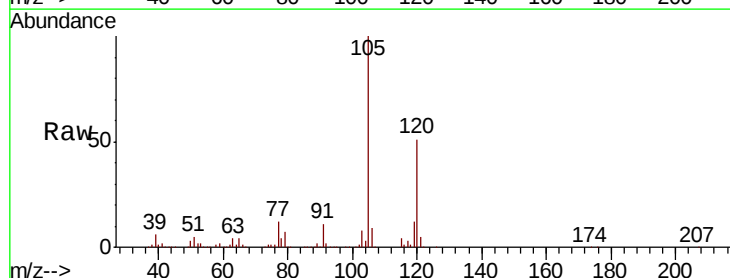
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

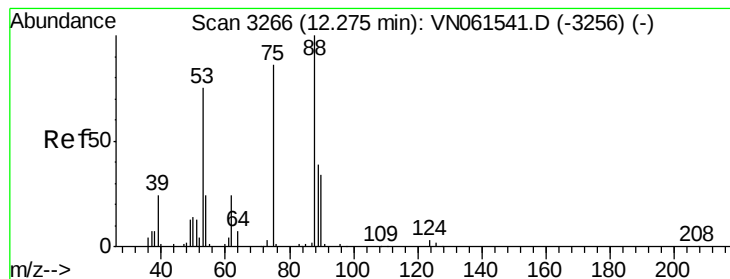
Tot Ion: 91 Resp: 233575  
 Ion Ratio Lower Upper  
 91 100  
 126 35.0 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.890 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion: 105 Resp: 294989  
 Ion Ratio Lower Upper  
 105 100  
 120 50.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.753 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

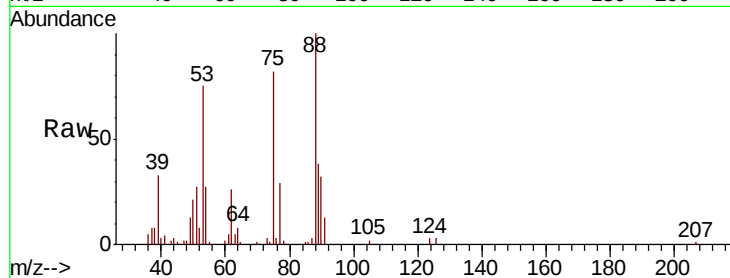
Tot Ion: 75 Resp: 30494

Ion Ratio Lower Upper

75 100

53 91.4 67.8 101.8

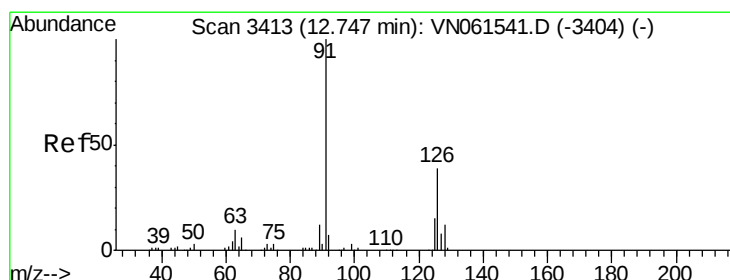
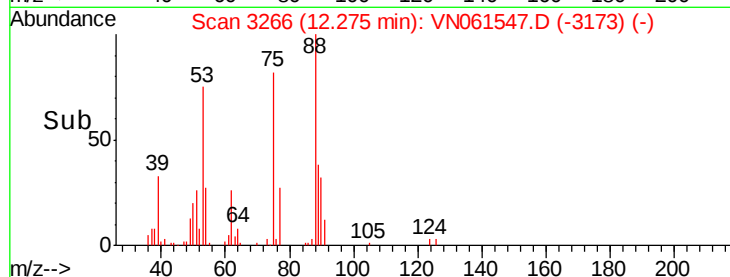
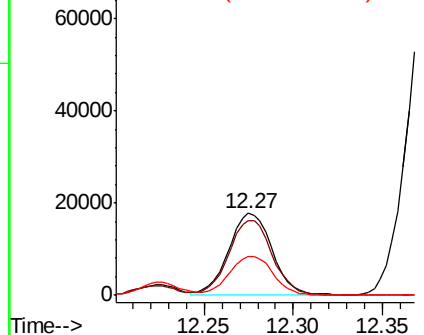
89 47.3 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.493 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061547.D

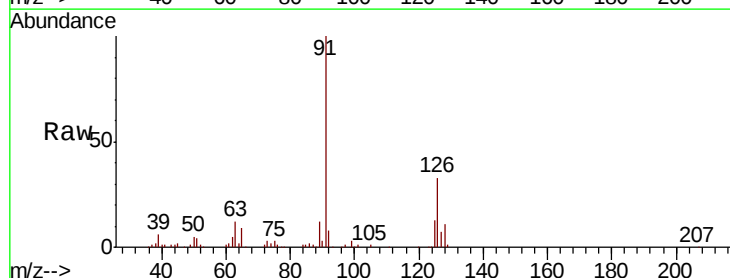
Acq: 28 May 2020 22:26

Tgt Ion: 91 Resp: 241968

Ion Ratio Lower Upper

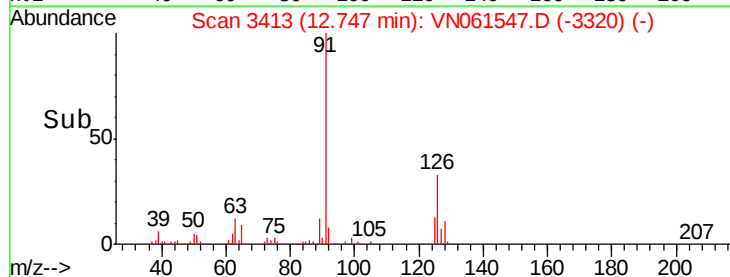
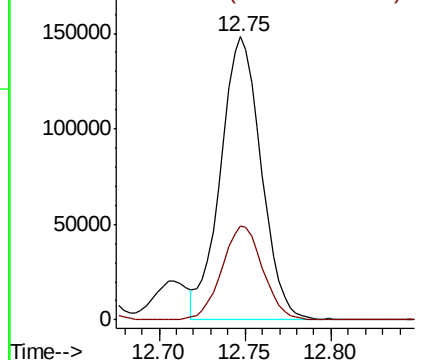
91 100

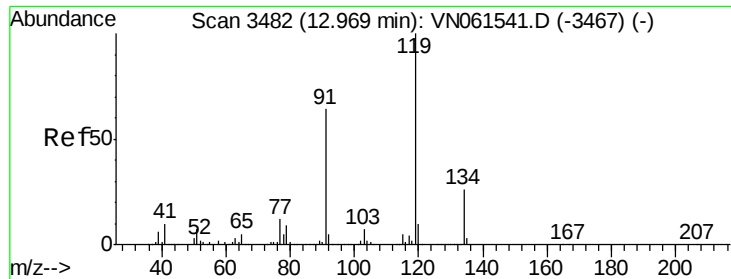
126 33.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

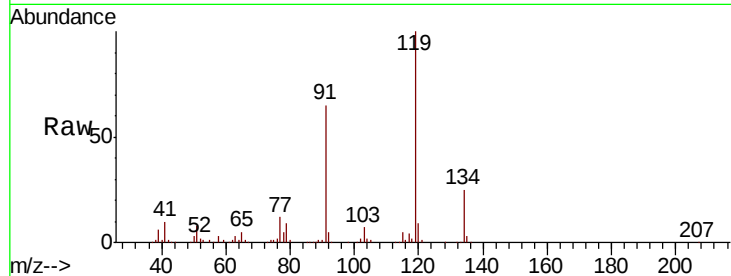




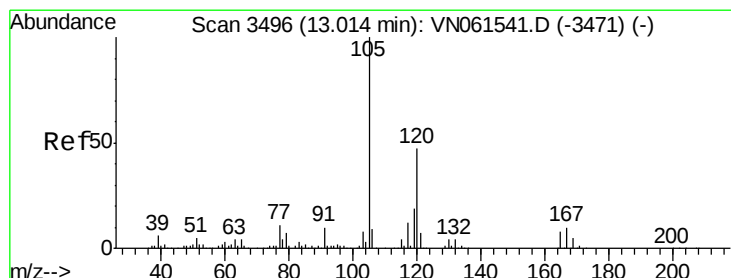
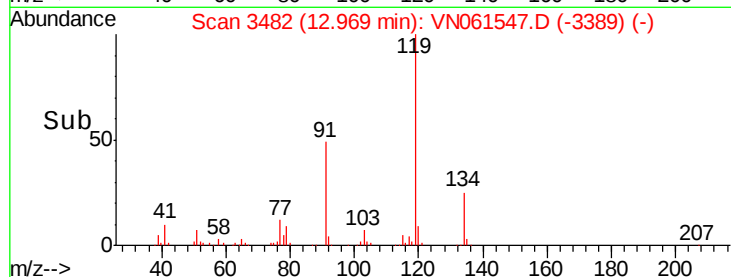
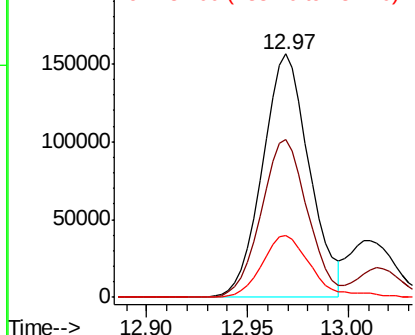
#83  
tert-Butylbenzene  
Concen: 18.291 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0528WBSD01

Tot Ion:119 Resp: 252373  
Ion Ratio Lower Upper  
119 100  
91 64.7 31.3 93.8  
134 26.8 13.5 40.4

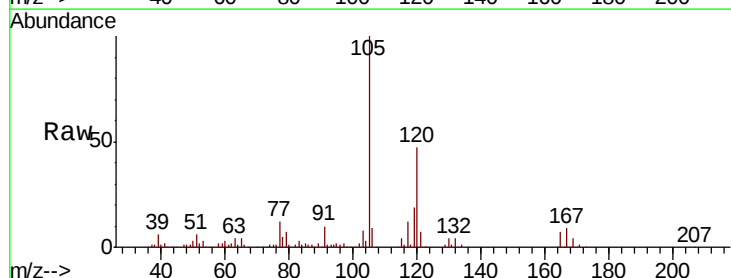


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

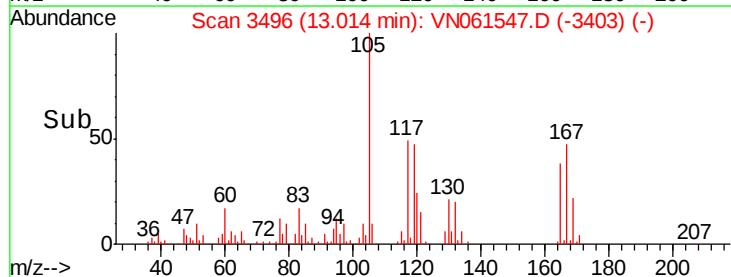
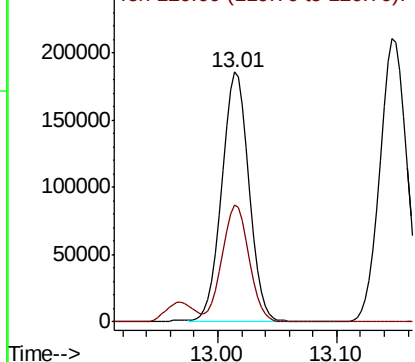


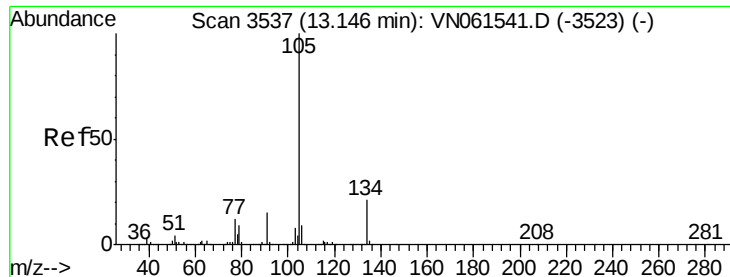
#84  
1,2,4-Trimethylbenzene  
Concen: 18.917 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN061547.D  
Acq: 28 May 2020 22:26

Tgt Ion:105 Resp: 293463  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 18.810 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

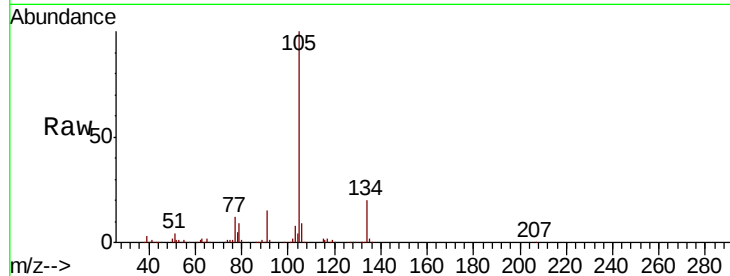
VN0528WBSD01

Tot Ion:105 Resp: 334422

Ion Ratio Lower Upper

105 100

134 20.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

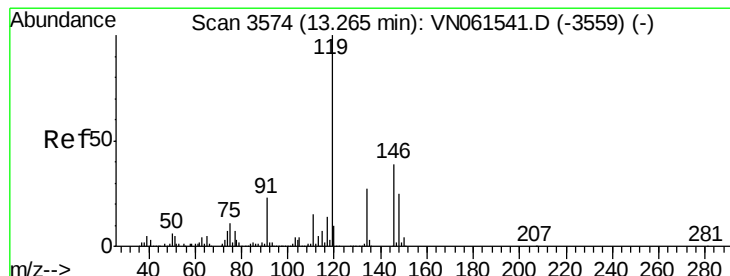
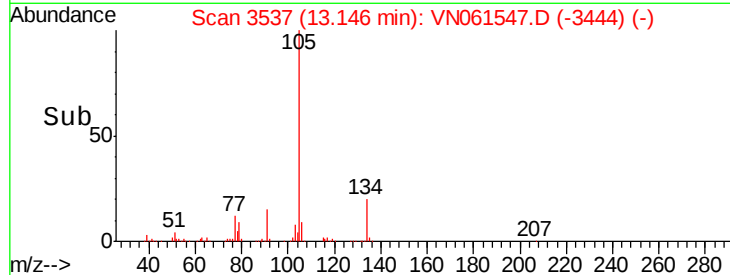
50000

0

13.10

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.542 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

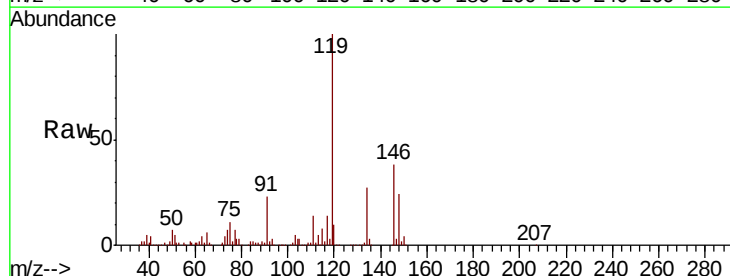
Tgt Ion:119 Resp: 303581

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 23.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

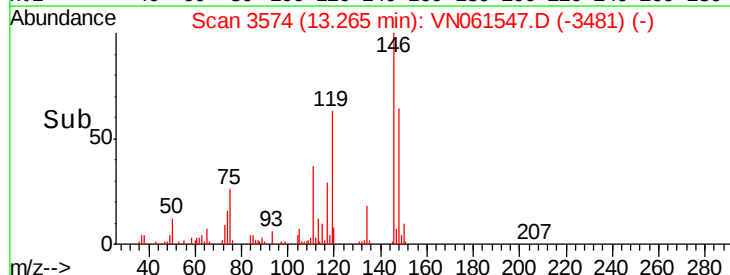
50000

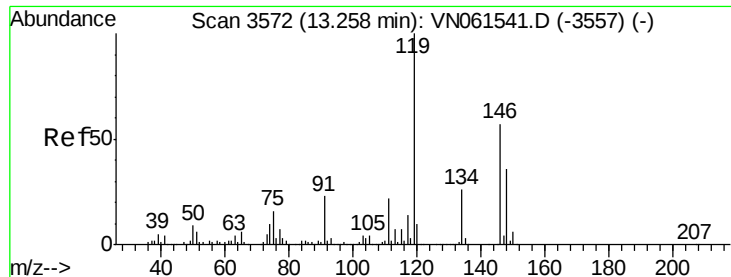
0

13.20

13.30

Time-->

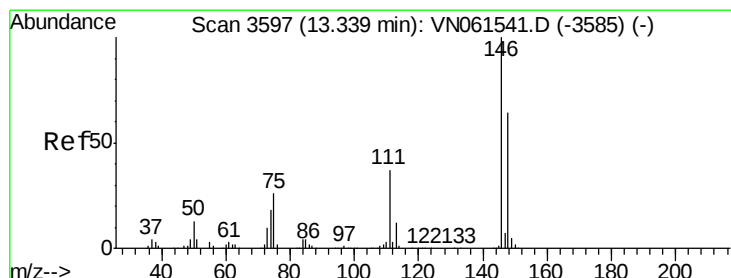
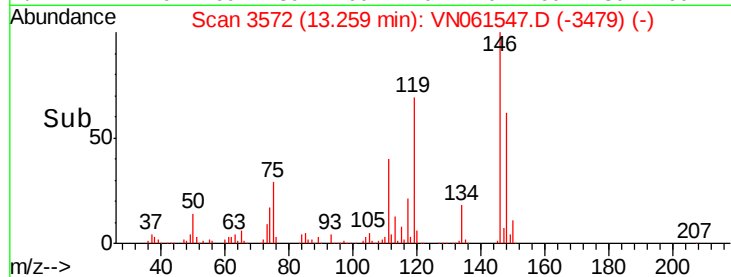
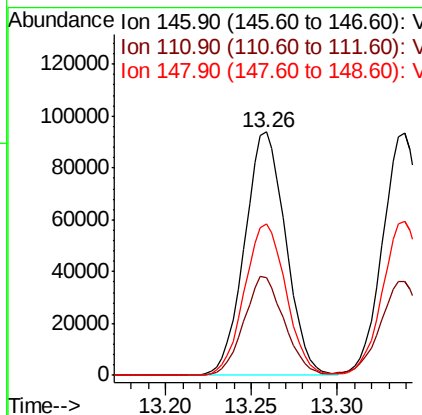
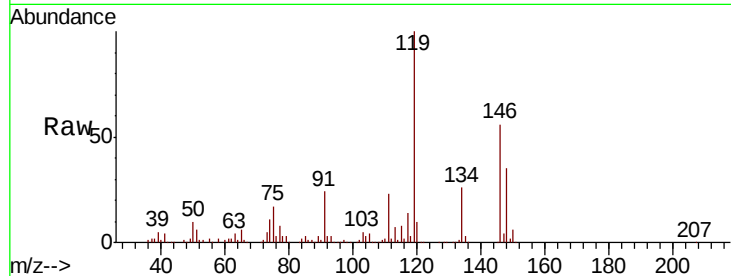




#87  
 1,3-Dichlorobenzene  
 Concen: 18.452 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

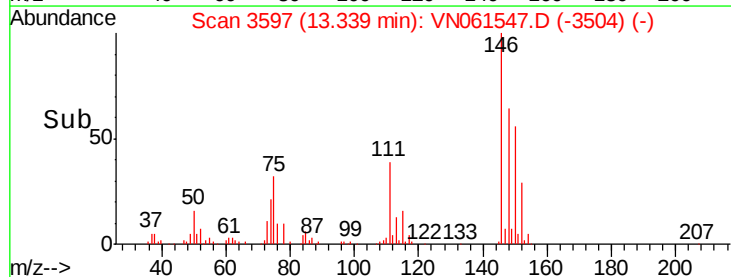
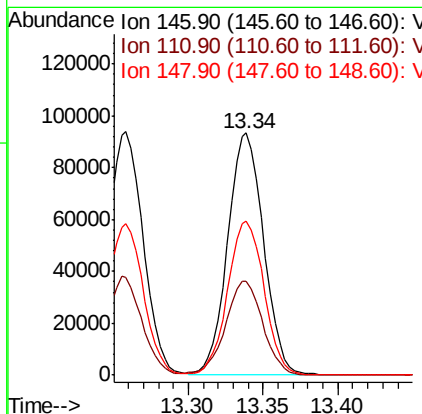
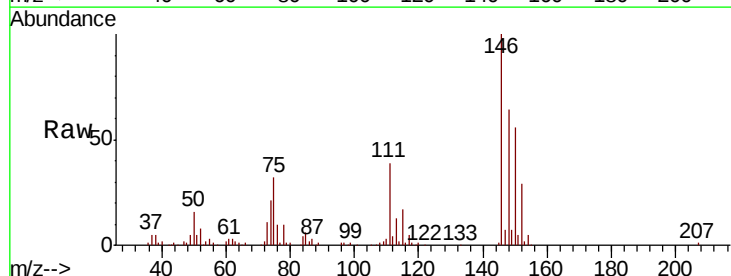
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

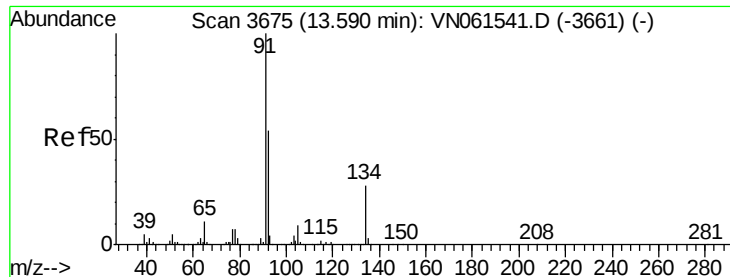
Tot Ion:146 Resp: 155829  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 19.2 57.6  
 148 62.8 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 18.196 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Tgt Ion:146 Resp: 156549  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 18.9 56.9  
 148 64.2 31.8 95.3





#89

n-Butylbenzene

Concen: 18.653 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

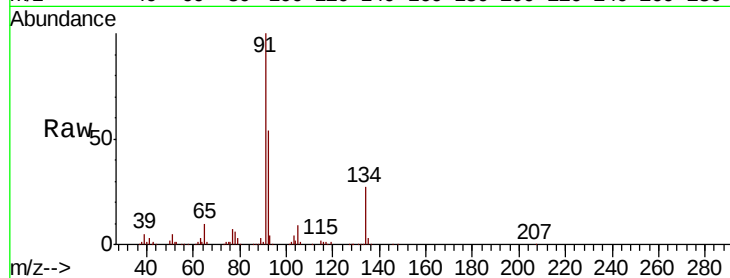
Tot Ion: 91 Resp: 255802

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.6

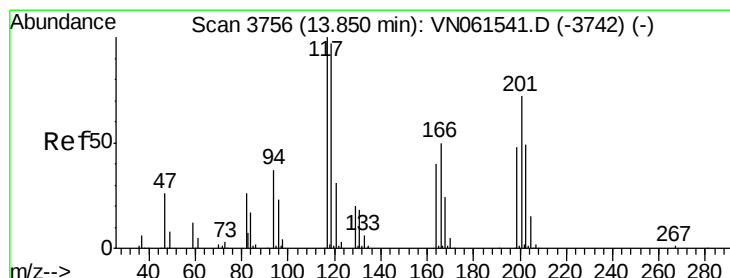
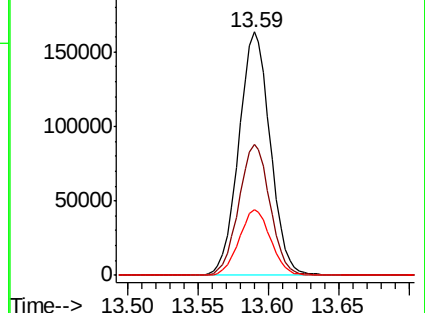
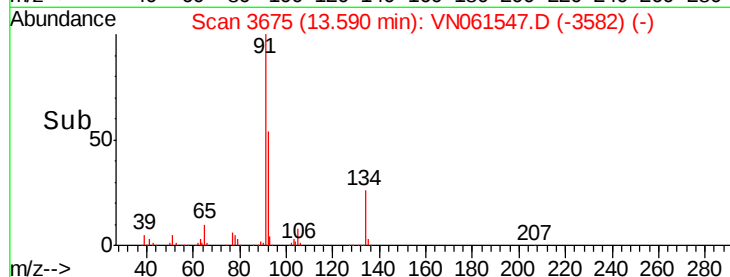
134 26.9 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061547.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061547.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061547.D (-3661) (-)



#90

Hexachloroethane

Concen: 18.902 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061547.D

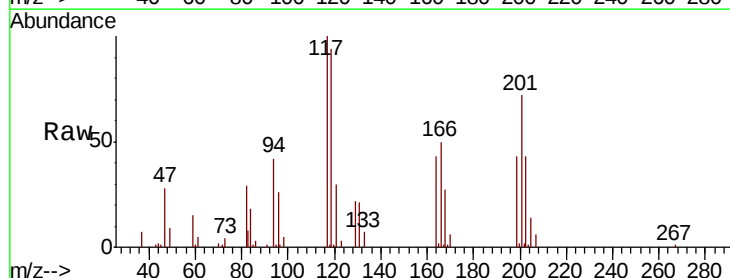
Acq: 28 May 2020 22:26

Tgt Ion: 117 Resp: 34227

Ion Ratio Lower Upper

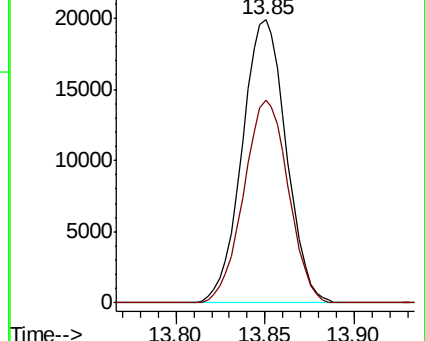
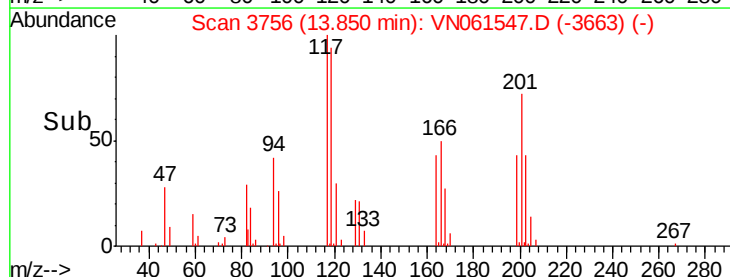
117 100

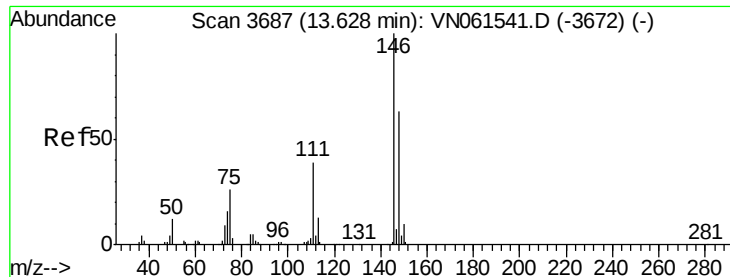
201 72.5 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061547.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061547.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 18.762 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

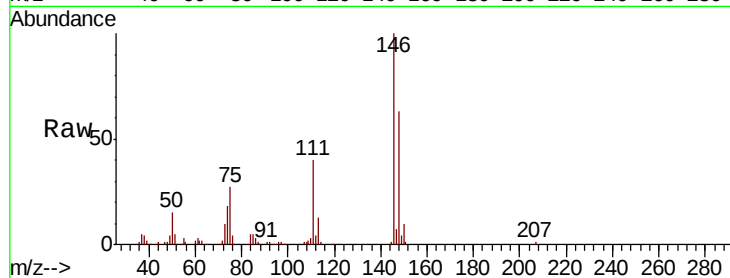
Tot Ion:146 Resp: 151417

Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.2

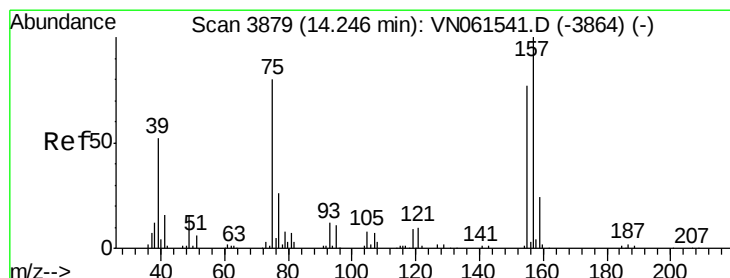
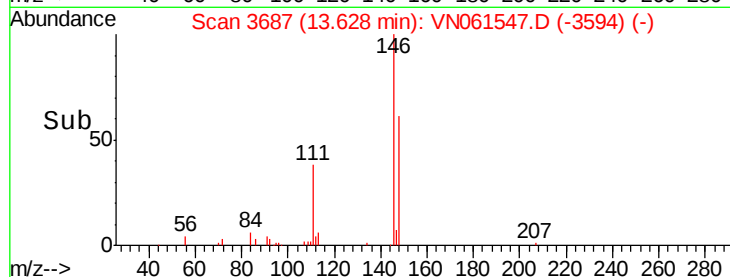
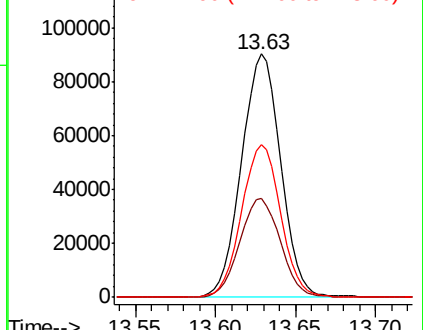
148 62.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.108 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

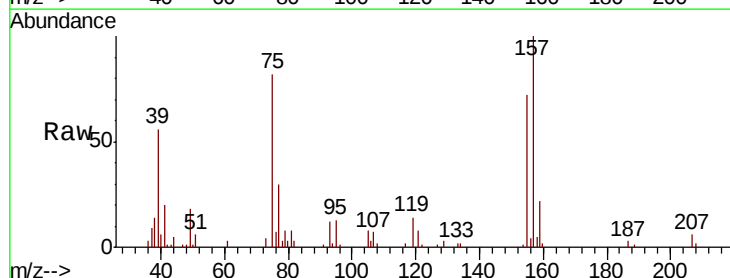
Tgt Ion: 75 Resp: 19336

Ion Ratio Lower Upper

75 100

155 88.3 47.1 141.4

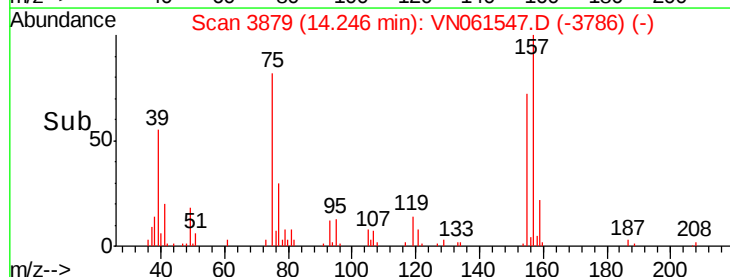
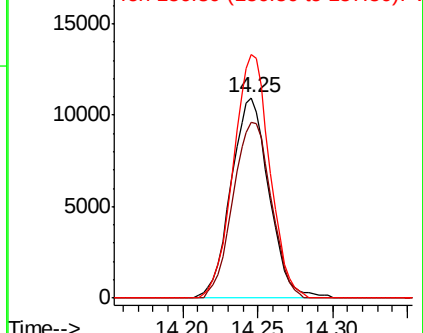
157 116.4 60.3 180.8

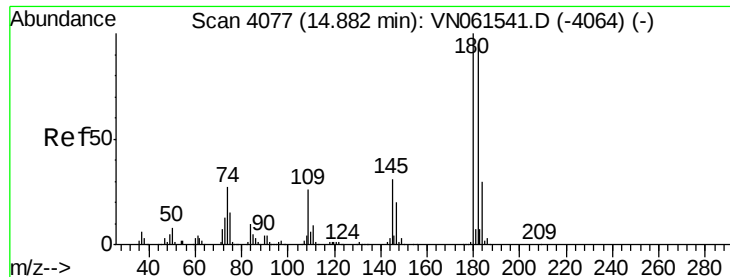


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

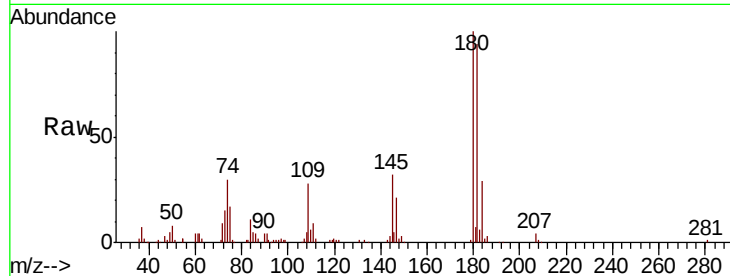




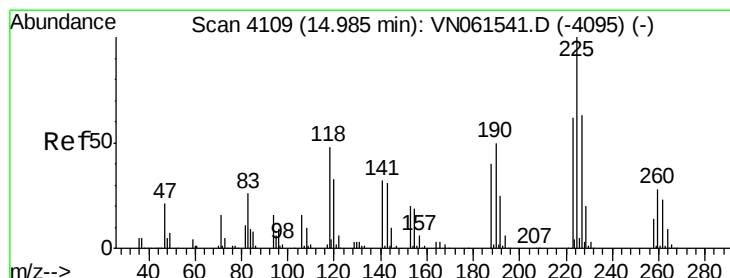
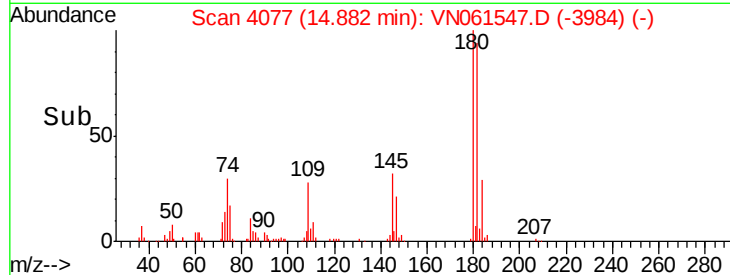
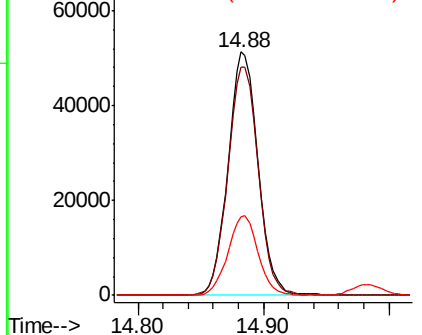
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.966 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0528WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 47.8  | 143.3 |
| 145     | 32.8  | 15.5  | 46.5  |

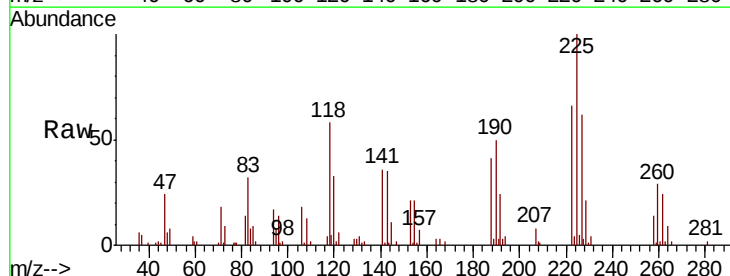


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

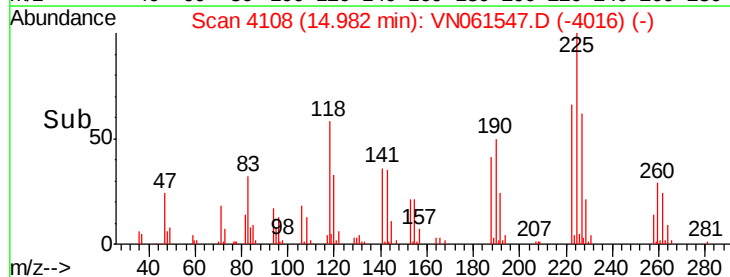
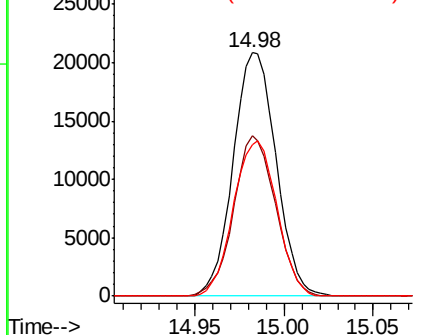


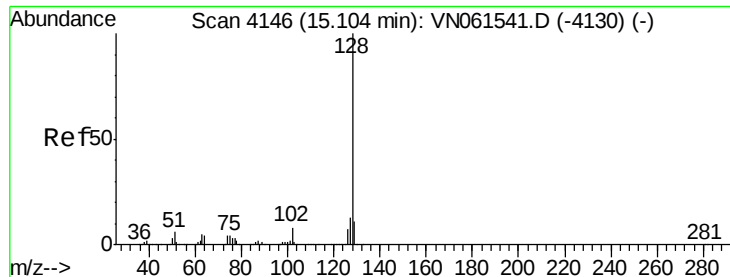
#94  
 Hexachlorobutadiene  
 Concen: 17.294 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN061547.D  
 Acq: 28 May 2020 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.6  | 31.9  | 95.5  |
| 227     | 64.7  | 31.9  | 95.9  |



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





#95

Naphthalene

Concen: 19.203 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0528WBSD01

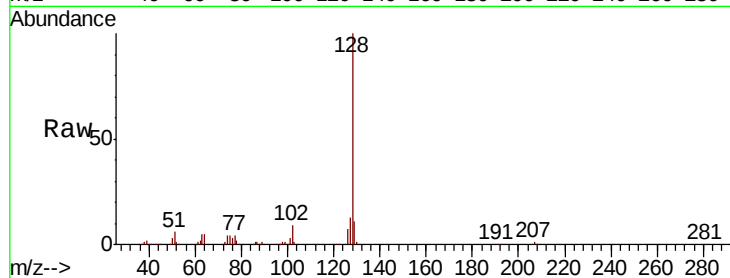
Tot Ion:128 Resp: 275873

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

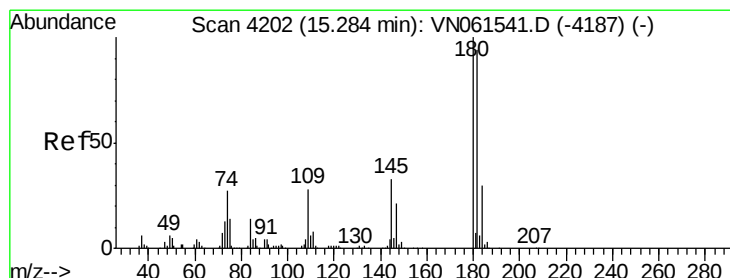
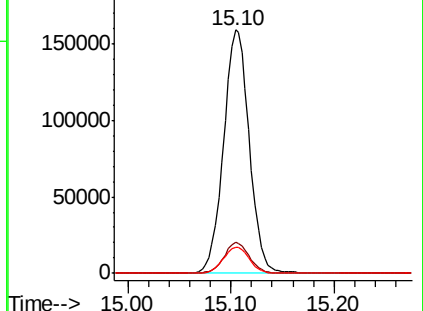
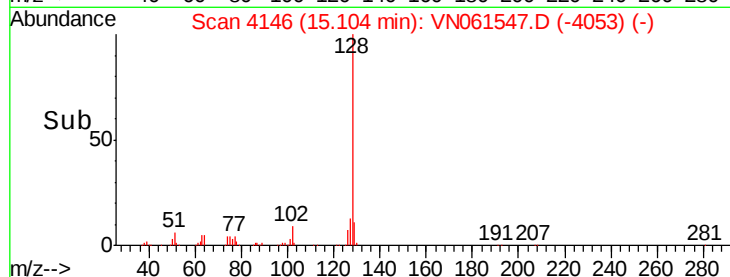
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.291 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061547.D

Acq: 28 May 2020 22:26

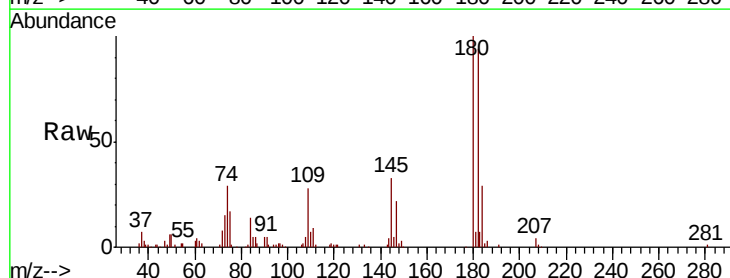
Tgt Ion:180 Resp: 84882

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 33.9 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

