

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\  
 Data File : VN056493.D  
 Acq On : 25 Jun 2019 17:44  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 26 05:07:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 03:45:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 364316   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 566554   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 501812   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 209597   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65  | 195462   | 48.41 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.82% |      |
| 35) Dibromofluoromethane    | 7.59   | 113 | 173746   | 49.16 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.32% |      |
| 50) Toluene-d8              | 10.09  | 98  | 648106   | 47.13 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.26% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 221902   | 48.40 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.80% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 136735  | 44.325  | ug/l | 99     |
| 3) Chloromethane              | 2.06 | 50  | 177001  | 42.140  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.18 | 62  | 183085  | 45.129  | ug/l | 99     |
| 5) Bromomethane               | 2.52 | 94  | 105396  | 44.315  | ug/l | 99     |
| 6) Chloroethane               | 2.68 | 64  | 105679  | 44.982  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 241860  | 46.088  | ug/l | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 104397  | 47.005  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 154701  | 46.226  | ug/l | 99     |
| 10) Methyl Iodide             | 3.95 | 142 | 211653  | 46.793  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.80 | 59  | 182155  | 267.851 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 150253  | 46.687  | ug/l | 97     |
| 13) Acrolein                  | 3.61 | 56  | 112366  | 196.044 | ug/l | 99     |
| 14) Allyl chloride            | 4.32 | 41  | 263454  | 49.176  | ug/l | 99     |
| 15) Acrylonitrile             | 4.99 | 53  | 475185  | 252.572 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 417756  | 206.506 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.05 | 76  | 307494  | 42.007  | ug/l | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 202680  | 51.174  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 532043  | 49.961  | ug/l | 97     |
| 20) Methylene Chloride        | 4.55 | 84  | 181925  | 47.663  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 158387  | 45.647  | ug/l | 98     |
| 22) Diisopropyl ether         | 5.95 | 45  | 554439  | 49.279  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.90 | 43  | 2347671 | 264.554 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 312293  | 48.354  | ug/l | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 644150  | 240.587 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 224544  | 49.989  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 198619  | 48.927  | ug/l | 100    |
| 28) Bromochloromethane        | 7.19 | 49  | 157321  | 49.247  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 417947  | 255.441 | ug/l | 100    |
| 30) Chloroform                | 7.37 | 83  | 313742  | 49.230  | ug/l | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 269960  | 43.297  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 253297  | 50.143  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 221316  | 44.381  | ug/l | 98     |
| 37) Ethyl Acetate             | 6.93 | 43  | 253709  | 51.771  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 210635  | 48.302  | ug/l | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jun 26 05:07:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 03:45:40 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 270480   | 43.958   | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 716299   | 46.698   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 112471   | 51.974   | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 234663   | 46.356   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 408666   | 54.080   | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 192226   | 46.522   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 198064   | 48.282   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 125930   | 49.067   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.40  | 83   | 233267   | 51.246   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 186262   | 49.187   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.20  | 88   | 79081    | 1006.324 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1232700  | 252.741  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 440804   | 47.004   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 250135   | 47.344   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 289968   | 52.899   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 186015   | 49.347   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 285883   | 51.895   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 309461   | 48.868   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 443044   | 223.863  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 863036   | 240.757  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 183222   | 47.417   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 190867   | 49.576   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 180369   | 45.388   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 480747   | 47.678   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 176586   | 51.817   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 836266   | 47.234   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 619253   | 95.440   | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 306915   | 47.812   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 517441   | 50.430   | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 129551   | 47.303   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 820993   | 52.272   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 318924   | 47.810   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 260658   | 53.711   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 308846   | 71.064   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 212821   | 45.411   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 878202   | 45.754   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 542760   | 51.653   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 669490   | 50.790   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 66618    | 54.480   | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 518465   | 45.748   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 595318   | 51.898   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 649662   | 46.043   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 769904   | 45.636   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 671326   | 46.368   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 334711   | 47.127   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 319480   | 46.446   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.61 | 91   | 497957   | 45.432   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 113459   | 50.265   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 336918   | 47.813   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 39991    | 51.566   | ug/l   | 100      |

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Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 25 Sample Multiplier: 1

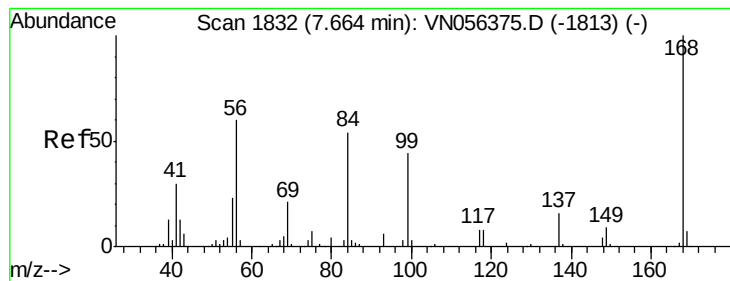
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 26 05:07:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061919W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 21 03:45:40 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 143985   | 40.446 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 116789   | 48.864 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 401520   | 42.720 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 158306   | 42.384 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

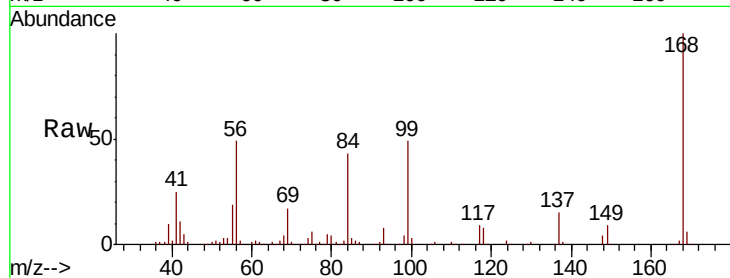
VSTDCCC050EC

Tot Ion:168 Resp: 364316

Ion Ratio Lower Upper

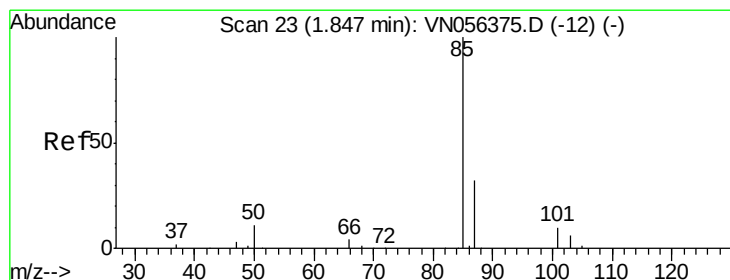
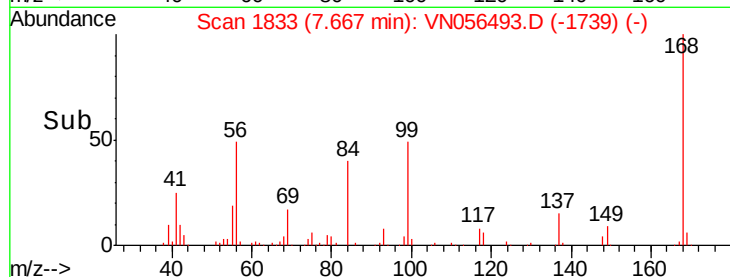
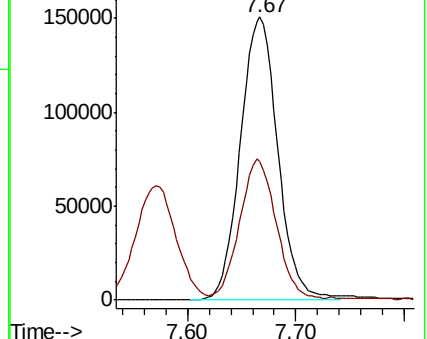
168 100

99 48.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.325 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056493.D

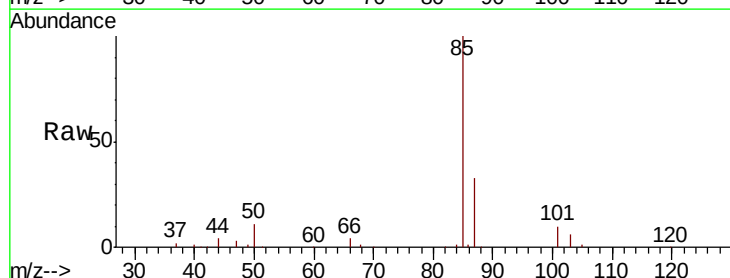
Acq: 25 Jun 2019 17:44

Tgt Ion: 85 Resp: 136735

Ion Ratio Lower Upper

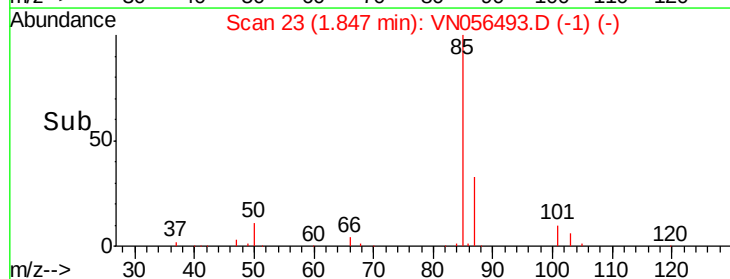
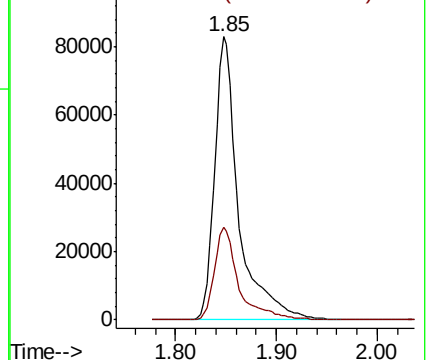
85 100

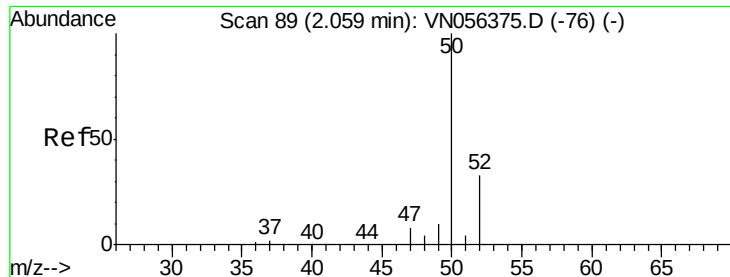
87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.140 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

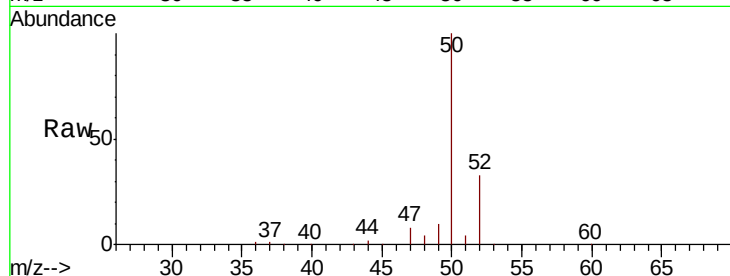
VSTDCCC050EC

Tot Ion: 50 Resp: 177001

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

120000

100000

80000

60000

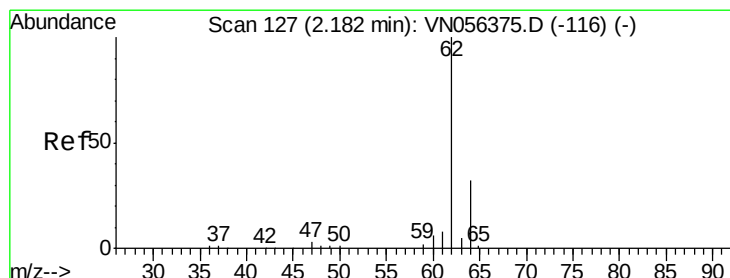
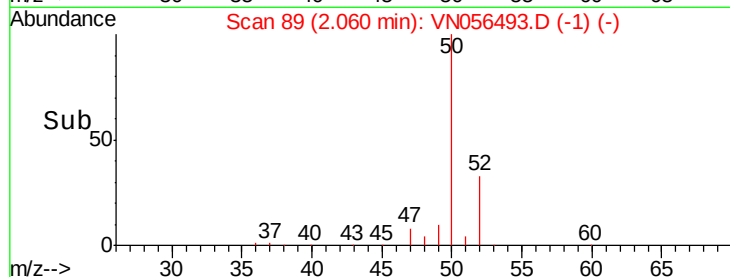
40000

20000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 45.129 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056493.D

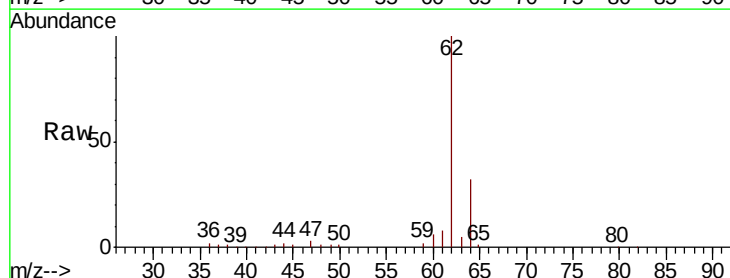
Acq: 25 Jun 2019 17:44

Tgt Ion: 62 Resp: 183085

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

120000

100000

80000

60000

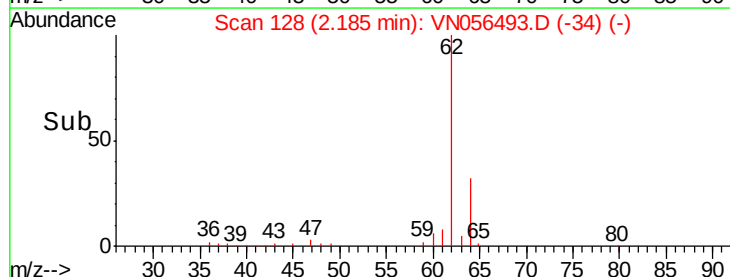
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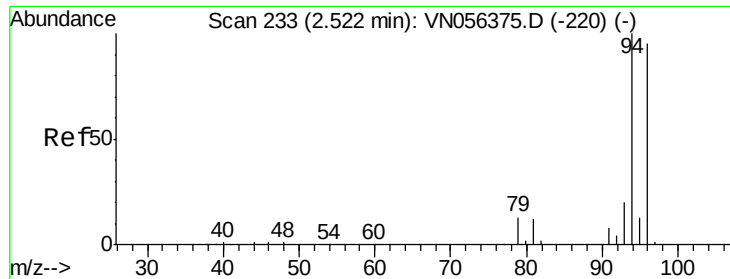
20000

0

Time-->

2.10 2.20 2.30





#5

Bromomethane

Concen: 44.315 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

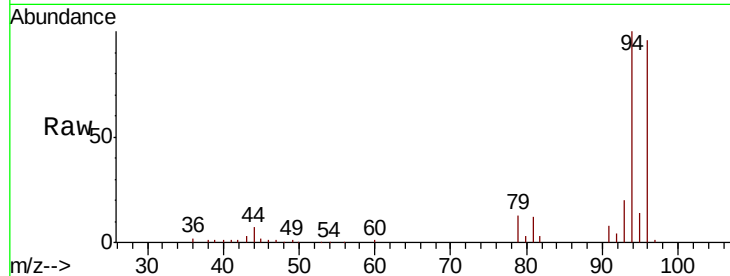
VSTDCCC050EC

Tot Ion: 94 Resp: 105396

Ion Ratio Lower Upper

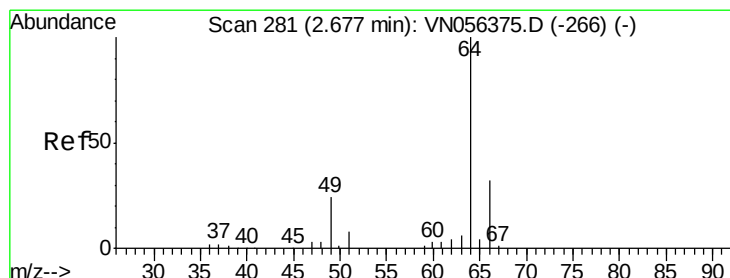
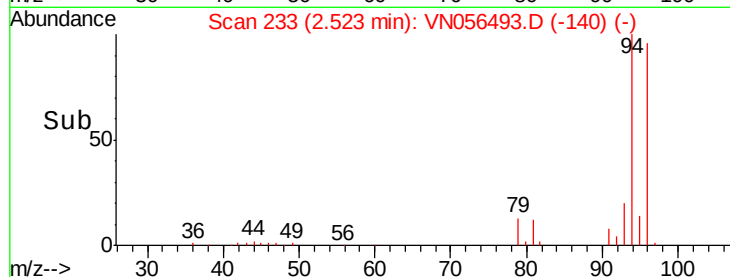
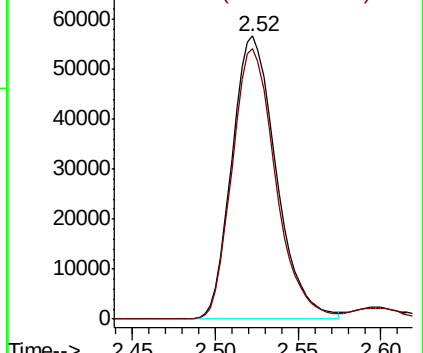
94 100

96 95.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.982 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN056493.D

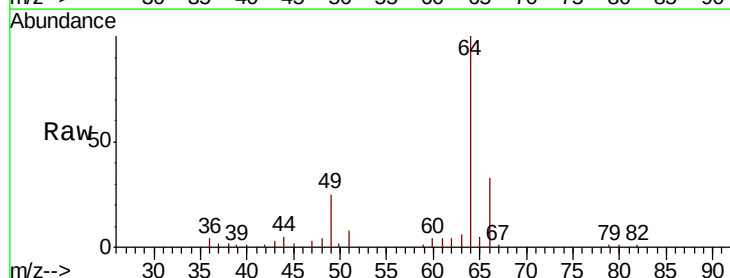
Acq: 25 Jun 2019 17:44

Tgt Ion: 64 Resp: 105679

Ion Ratio Lower Upper

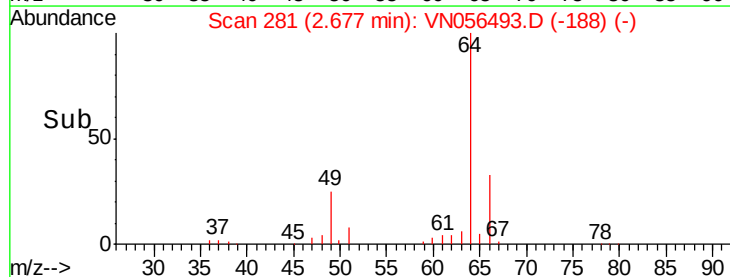
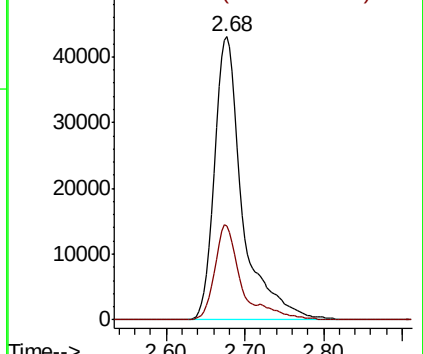
64 100

66 33.3 25.8 38.8

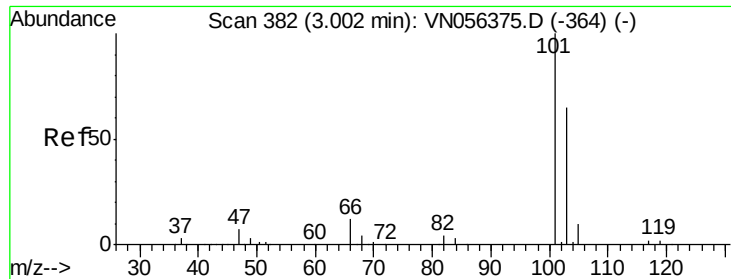


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





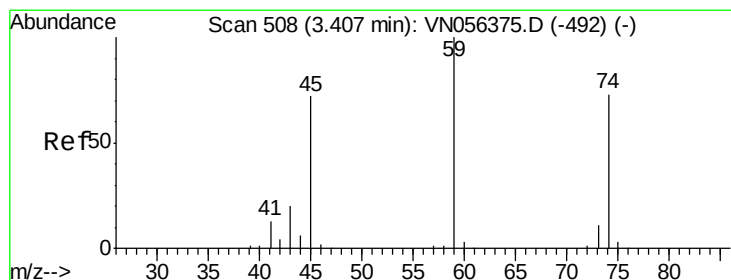
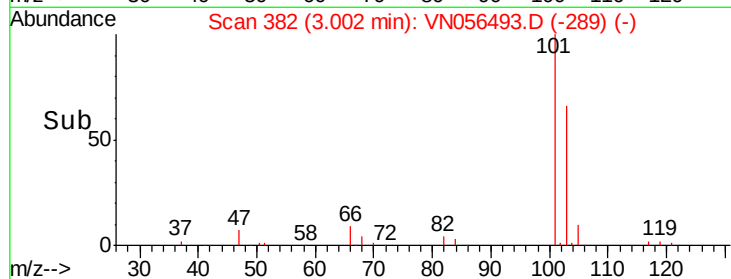
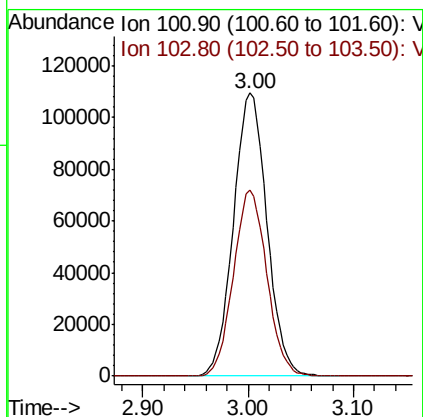
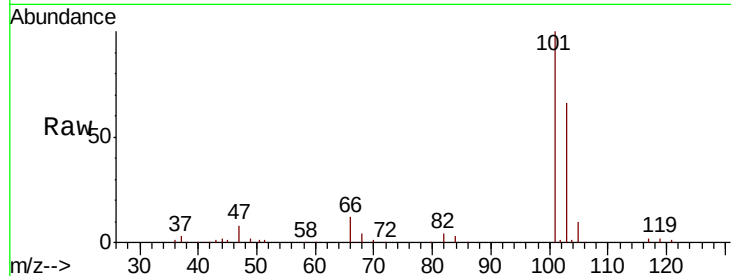


#7

Trichlorofluoromethane  
 Concen: 46.088 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

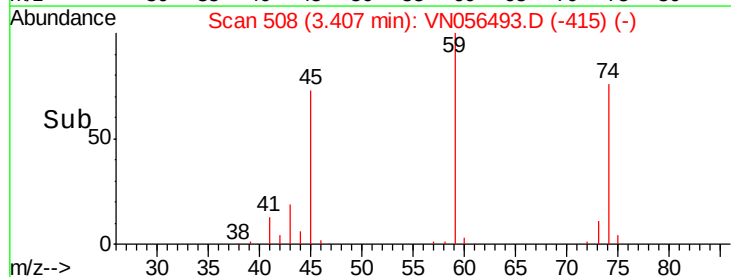
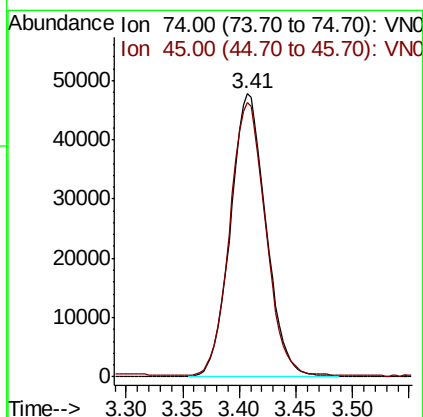
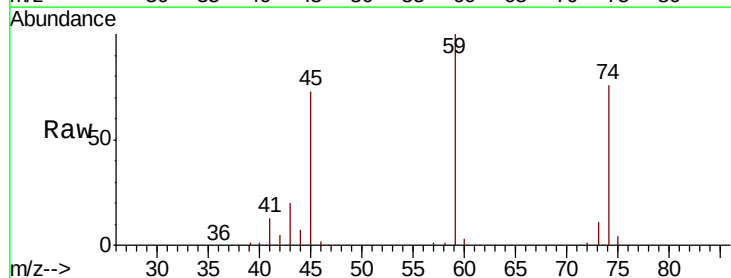
Tot Ion:101 Resp: 241860  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 51.7 77.5



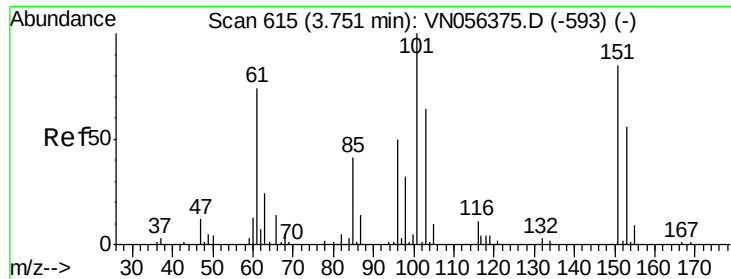
#8

Diethyl Ether  
 Concen: 47.005 ug/l  
 RT: 3.41 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 74 Resp: 104397  
 Ion Ratio Lower Upper  
 74 100  
 45 97.4 48.9 146.6







#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.226 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

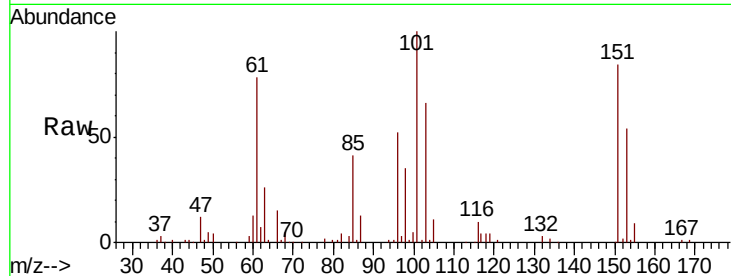
Tot Ion:101 Resp: 154701

Ion Ratio Lower Upper

101 100

85 42.2 32.7 49.1

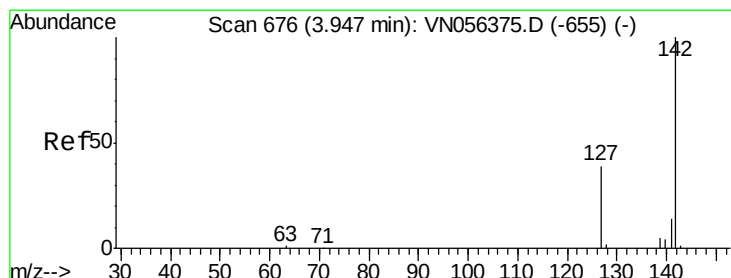
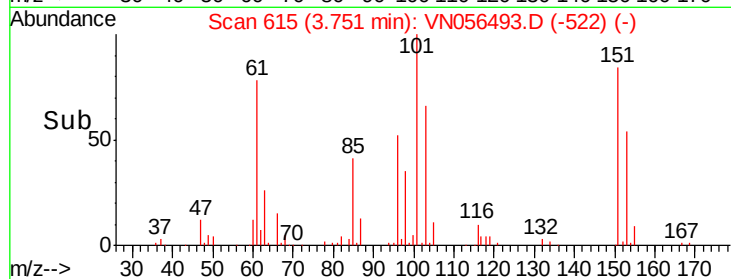
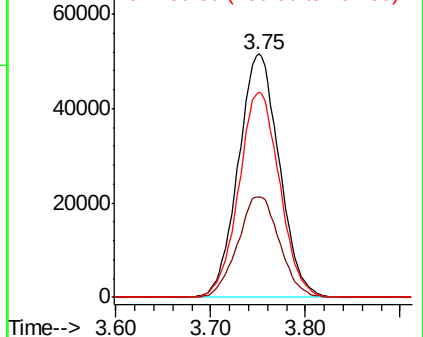
151 83.7 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.793 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

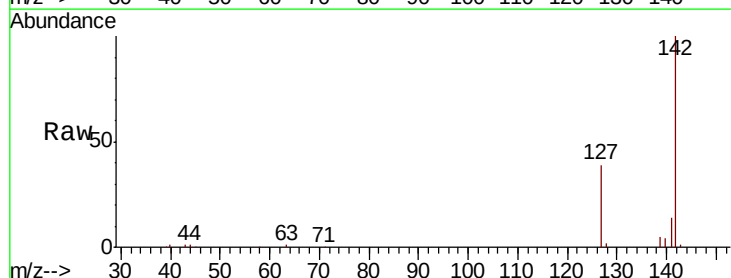
Tgt Ion:142 Resp: 211653

Ion Ratio Lower Upper

142 100

127 37.9 30.6 46.0

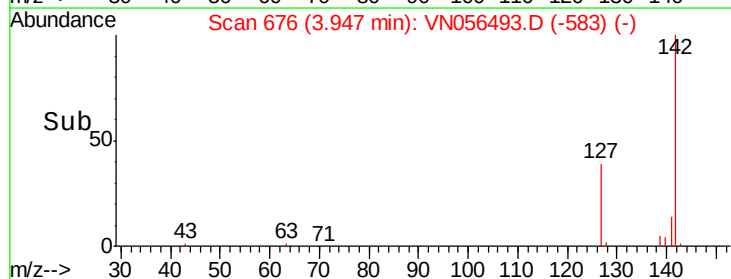
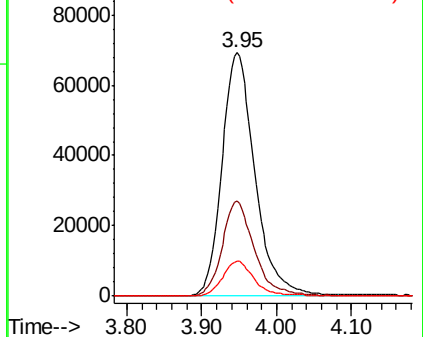
141 13.8 11.4 17.2

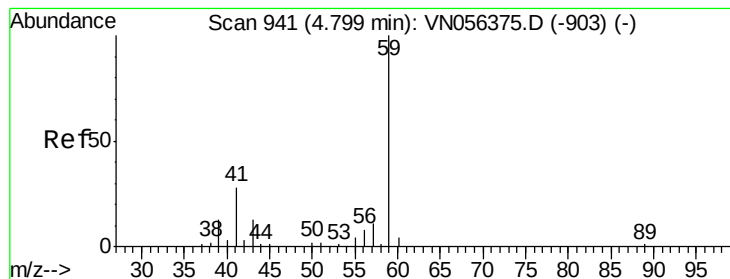


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



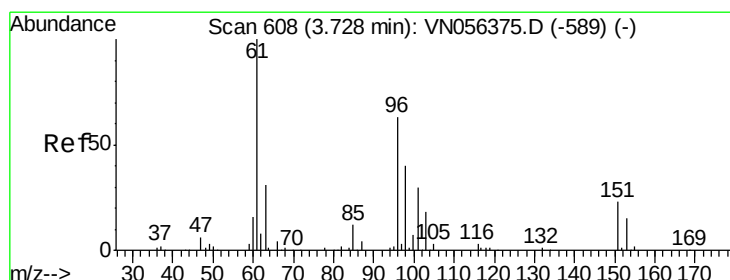
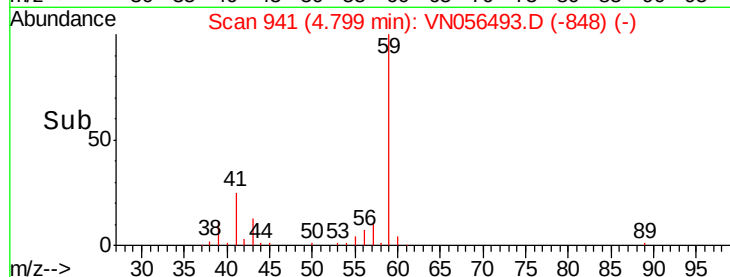
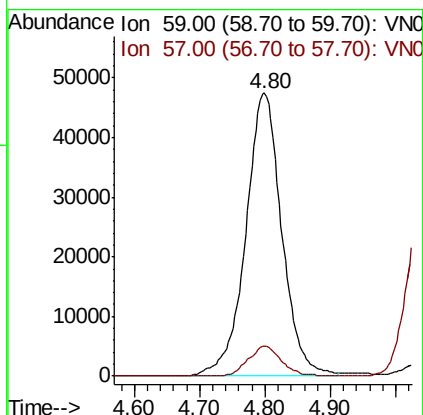
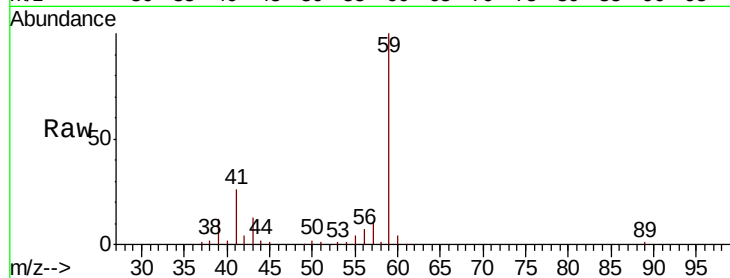


#11

Tert butyl alcohol  
 Concen: 267.851 ug/l  
 RT: 4.80 min Scan# 941  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

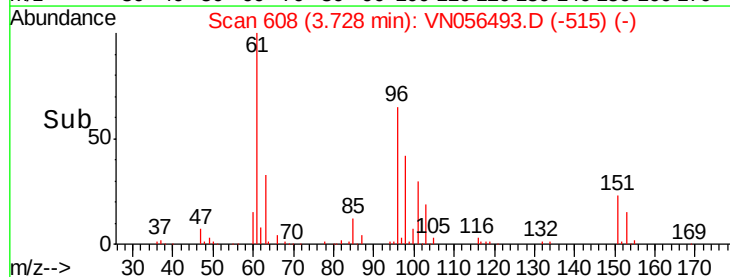
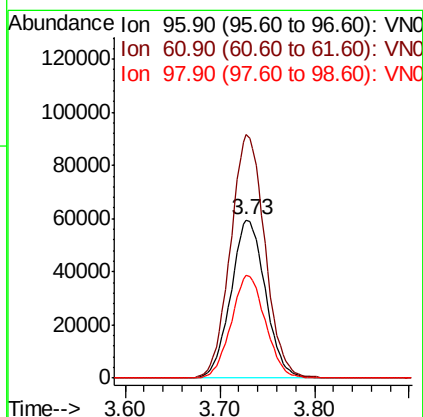
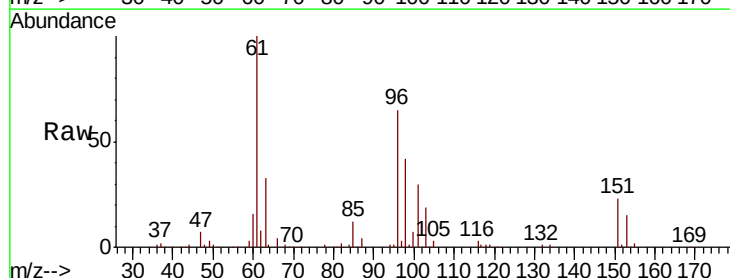
Tot Ion: 59 Resp: 182155  
 Ion Ratio Lower Upper  
 59 100  
 57 9.6 7.6 11.4

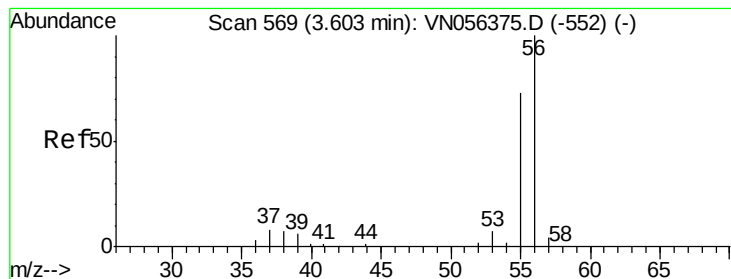


#12

1,1-Dichloroethene  
 Concen: 46.687 ug/l  
 RT: 3.73 min Scan# 608  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 96 Resp: 150253  
 Ion Ratio Lower Upper  
 96 100  
 61 154.0 126.6 190.0  
 98 64.7 51.1 76.7





#13

Acrolein

Concen: 196.044 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

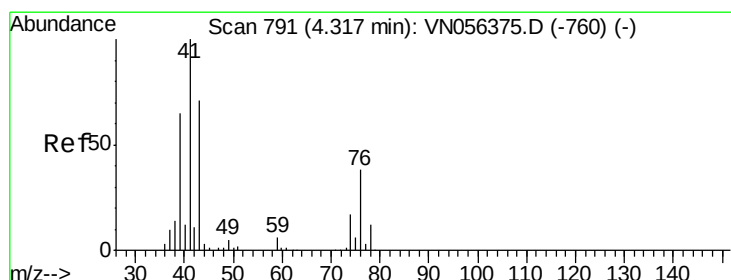
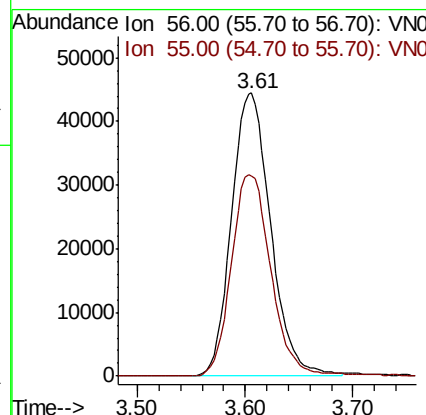
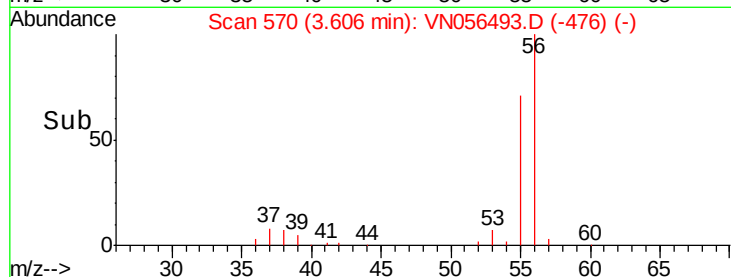
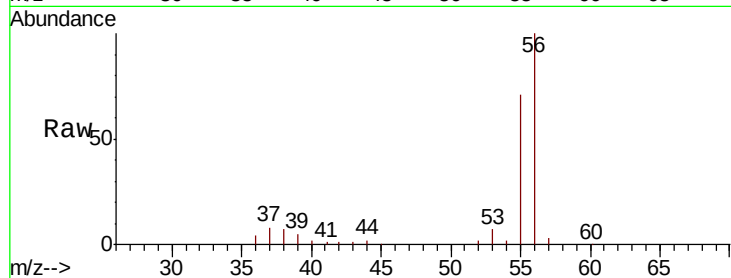
VSTDCCC050EC

Tot Ion: 56 Resp: 112366

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 49.176 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

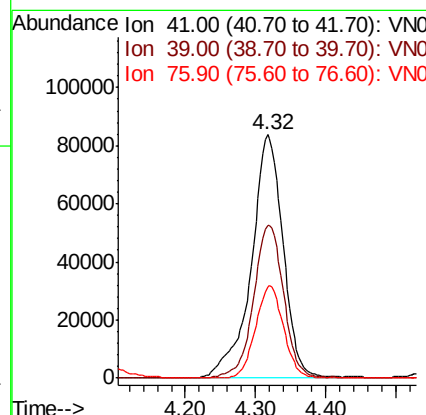
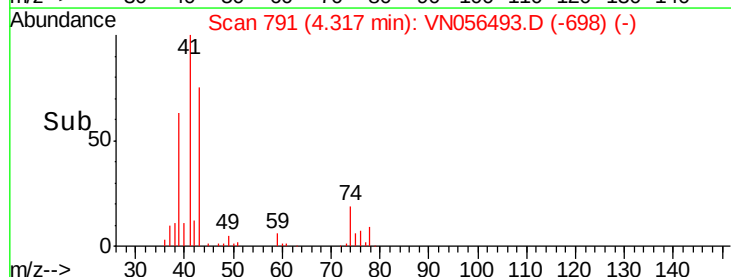
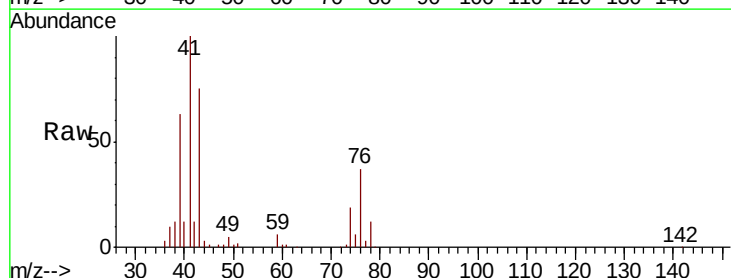
Tgt Ion: 41 Resp: 263454

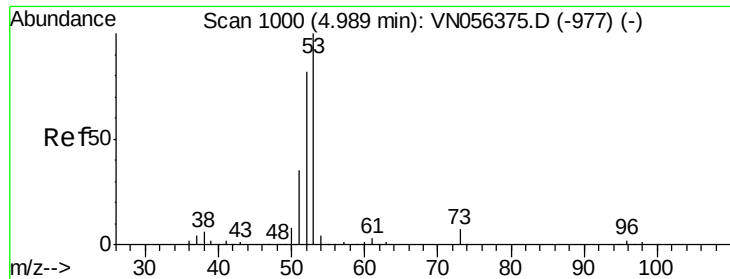
Ion Ratio Lower Upper

41 100

39 59.4 48.6 73.0

76 33.3 26.6 40.0





#15

Acrylonitrile

Concen: 252.572 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

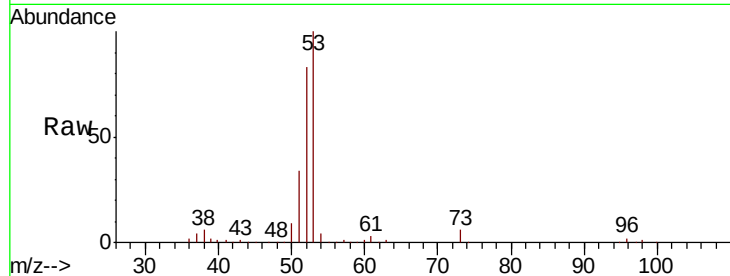
MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 475185

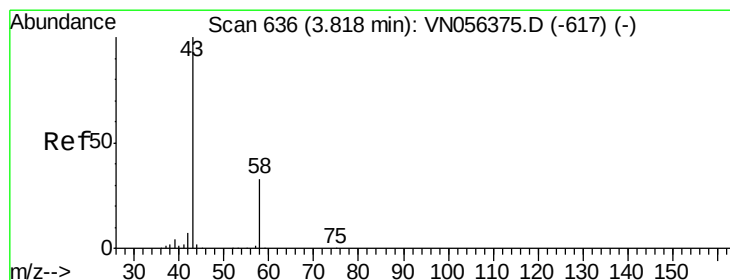
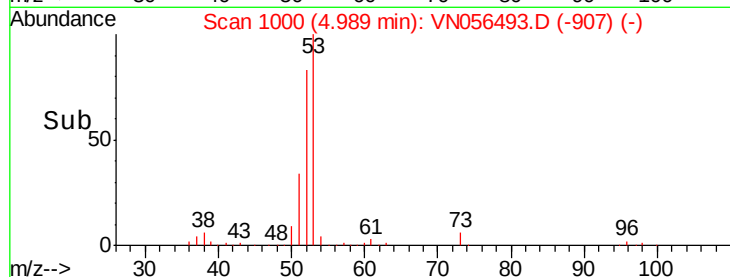
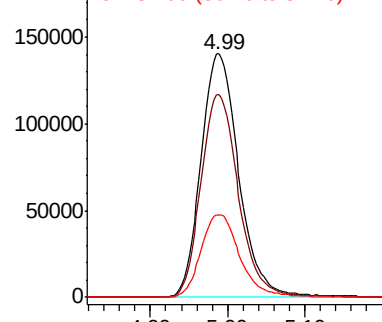
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.0  | 65.9  | 98.9  |
| 51  | 35.1  | 28.3  | 42.5  |



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 206.506 ug/l

RT: 3.82 min Scan# 636

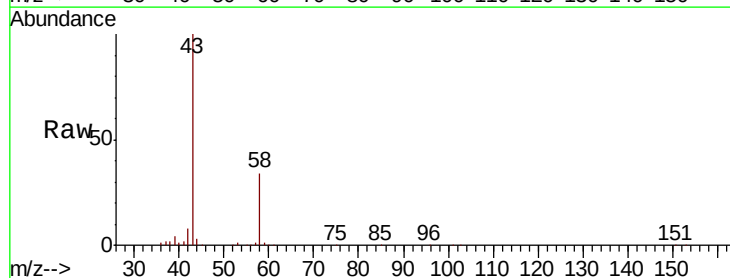
Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

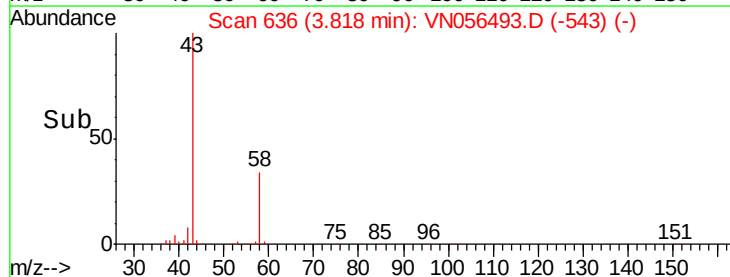
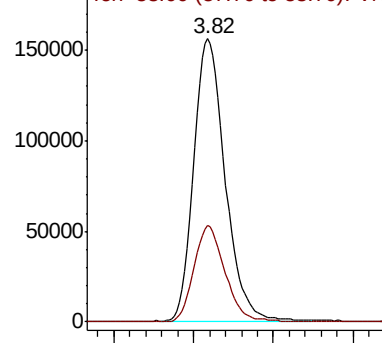
Tgt Ion: 43 Resp: 417756

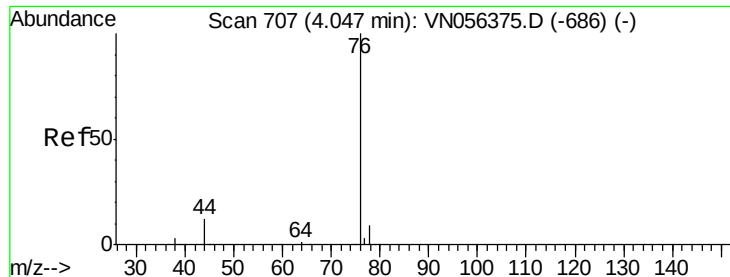
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.0  | 26.4  | 39.6  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 42.007 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

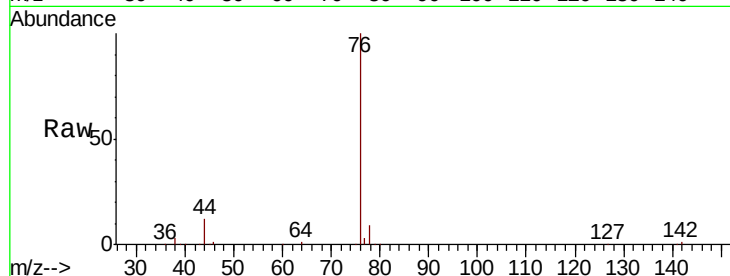
VSTDCCC050EC

Tot Ion: 76 Resp: 307494

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

120000

100000

80000

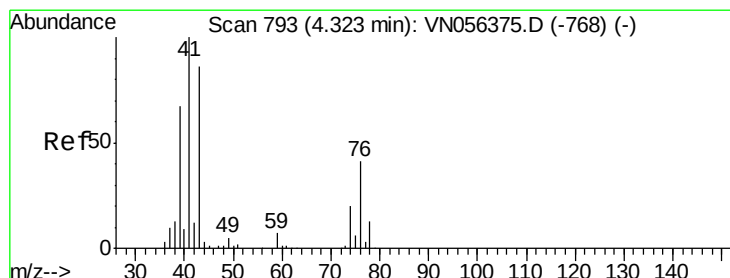
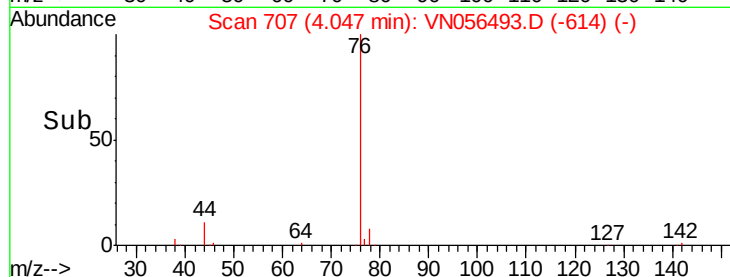
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 51.174 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056493.D

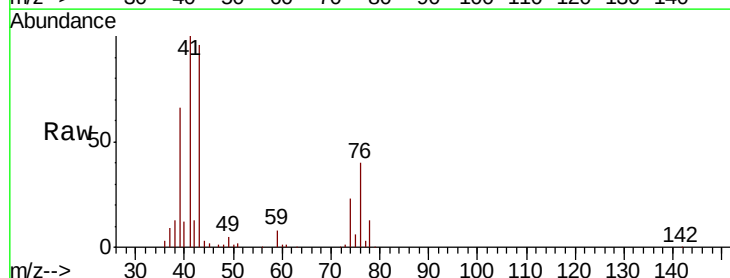
Acq: 25 Jun 2019 17:44

Tgt Ion: 43 Resp: 202680

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

80000

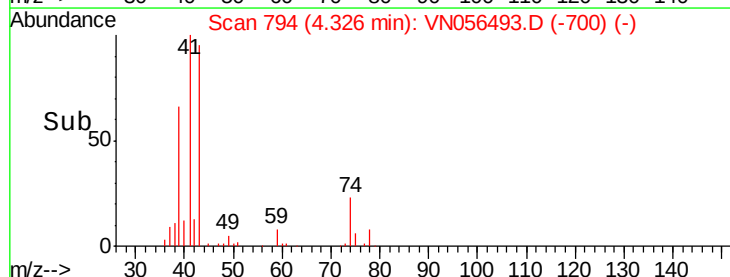
60000

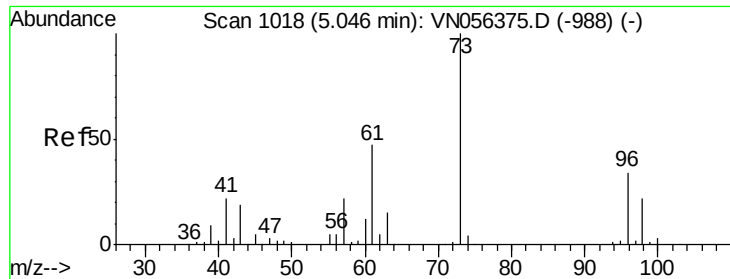
40000

20000

0

Time-->

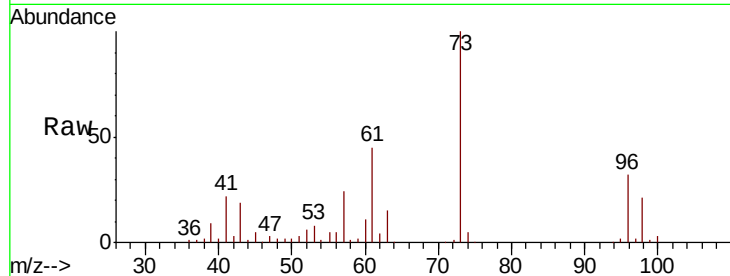




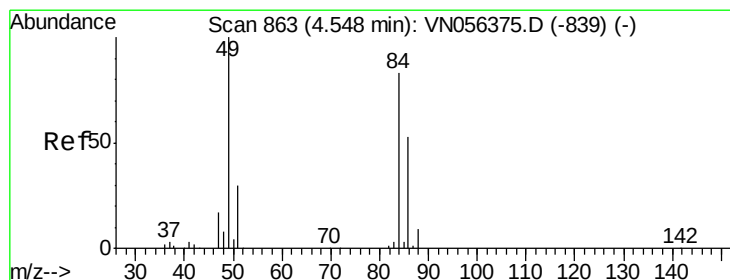
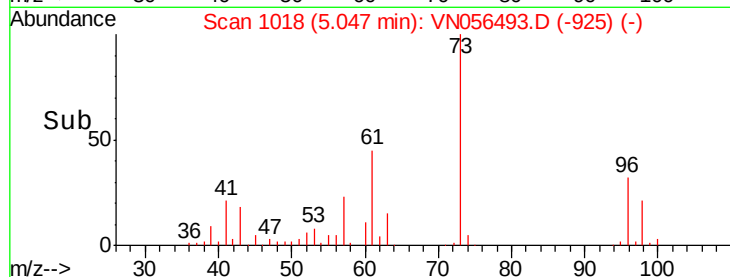
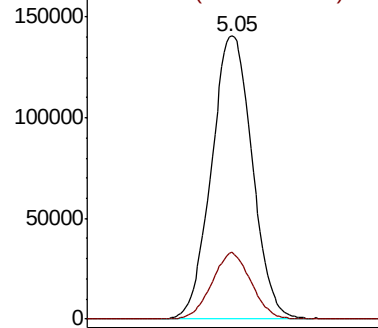
#19  
Methyl tert-butyl Ether  
Concen: 49.961 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 532043  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.9 26.9

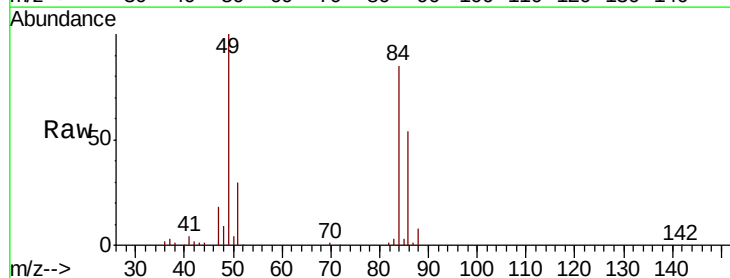


Abundance Ion 73.00 (72.70 to 73.70): VN0  
Ion 57.00 (56.70 to 57.70): VN0

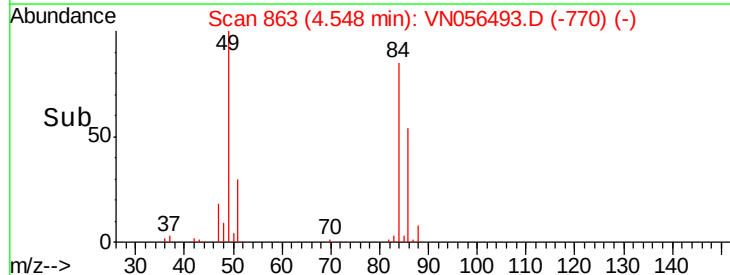
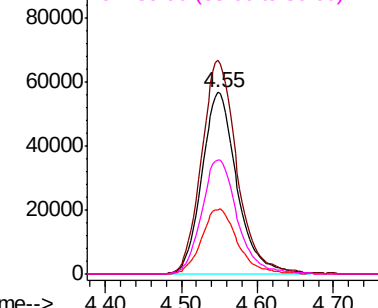


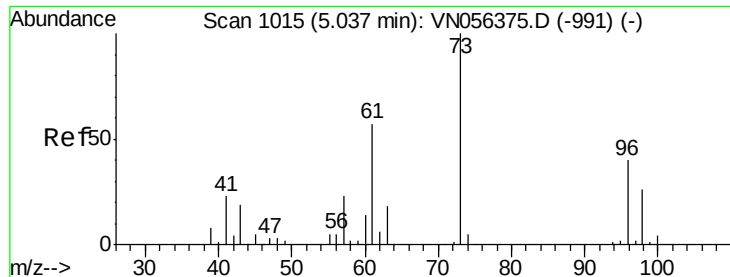
#20  
Methylene Chloride  
Concen: 47.663 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion: 84 Resp: 181925  
Ion Ratio Lower Upper  
84 100  
49 117.6 96.4 144.6  
51 35.4 28.6 43.0  
86 63.1 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

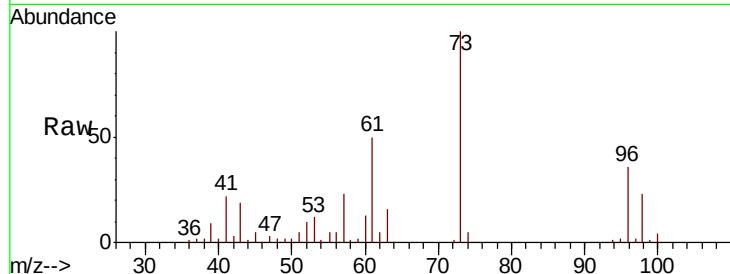




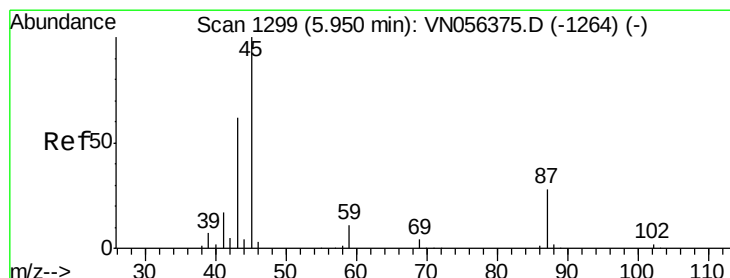
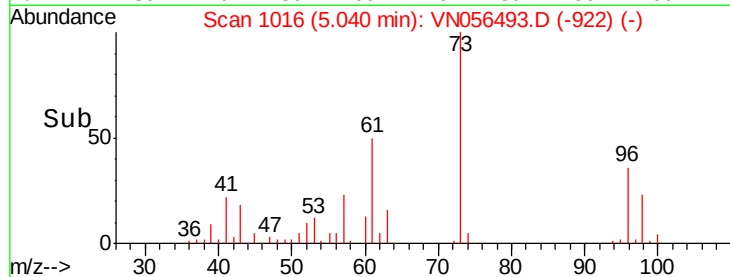
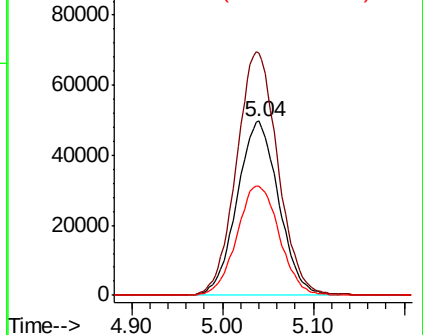
#21  
trans-1,2-Dichloroethene  
Concen: 45.647 ug/l  
RT: 5.04 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 96 Resp: 158387  
Ion Ratio Lower Upper  
96 100  
61 139.0 113.0 169.6  
98 62.3 52.2 78.2

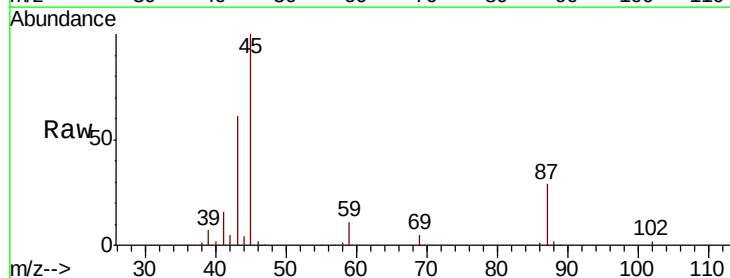


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

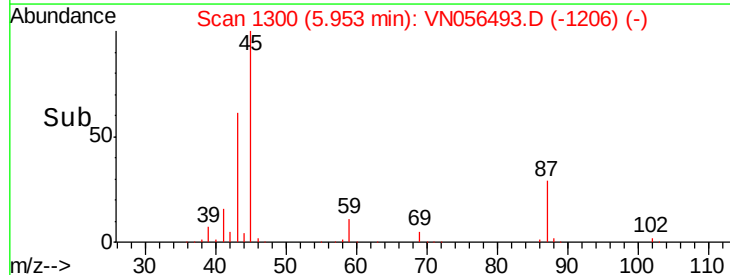
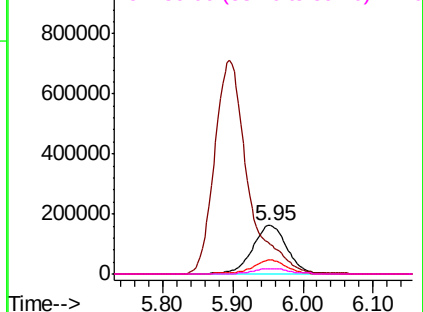


#22  
Diisopropyl ether  
Concen: 49.279 ug/l  
RT: 5.95 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

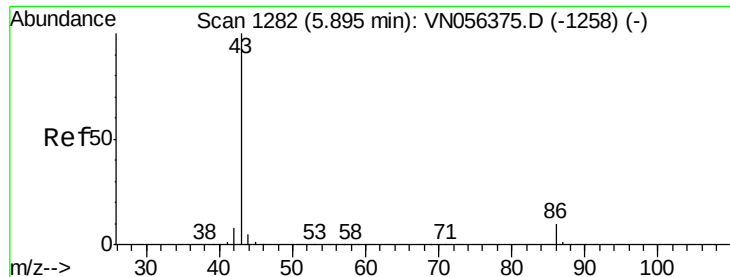
Tgt Ion: 45 Resp: 554439  
Ion Ratio Lower Upper  
45 100  
43 59.3 50.4 75.6  
87 28.5 23.0 34.4  
59 11.2 9.1 13.7



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







#23

Vinyl Acetate

Concen: 264.554 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

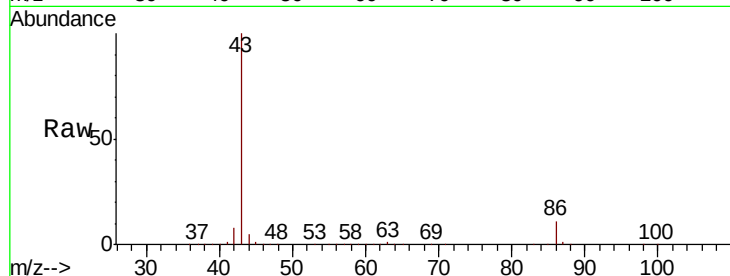
VSTDCCC050EC

Tot Ion: 43 Resp: 2347671

Ion Ratio Lower Upper

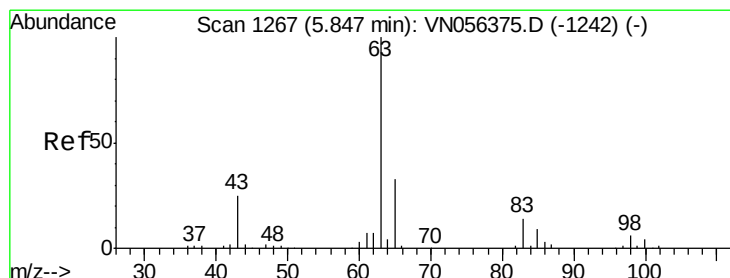
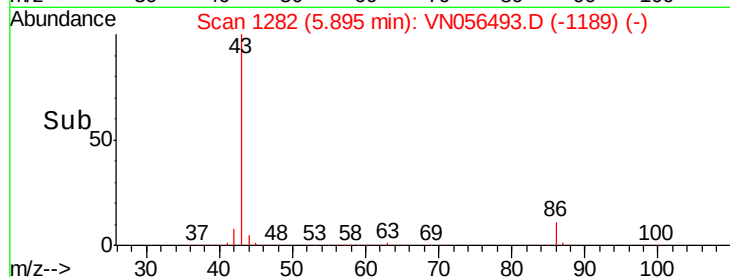
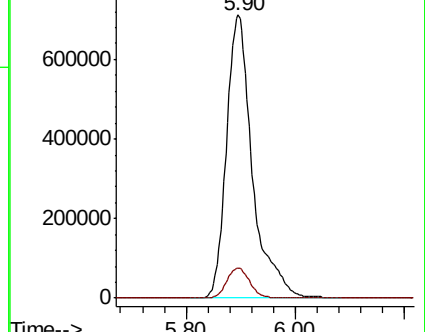
43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN056493.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN056493.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 48.354 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

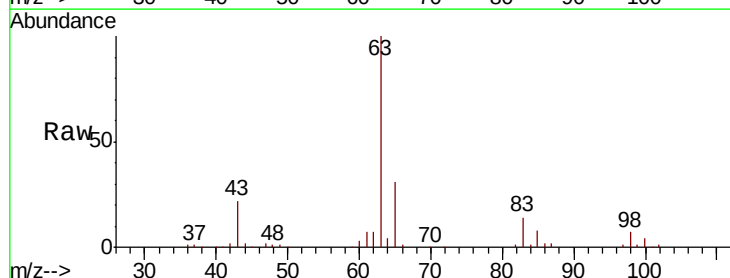
Tgt Ion: 63 Resp: 312293

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

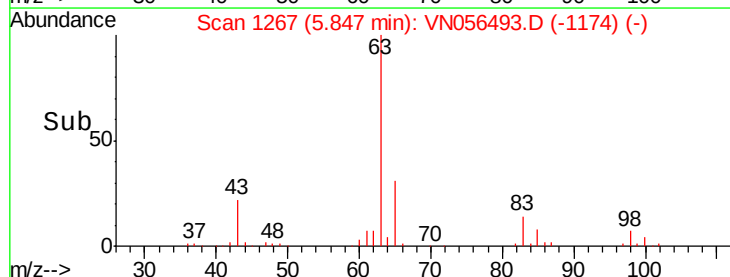
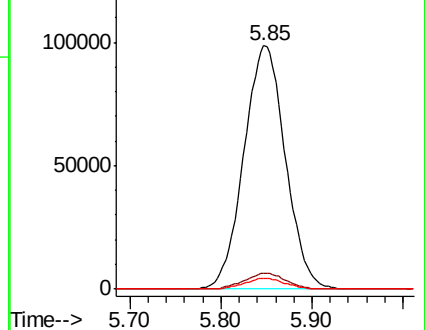
100 4.2 2.1 6.5

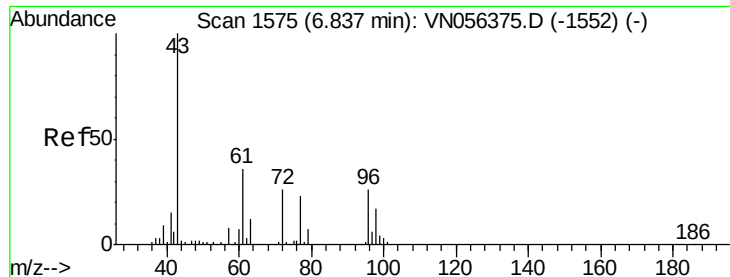


Abundance Ion 62.90 (62.60 to 63.60): VN056493.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN056493.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN056493.D (-1174) (-)





#25

2-Butanone

Concen: 240.587 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

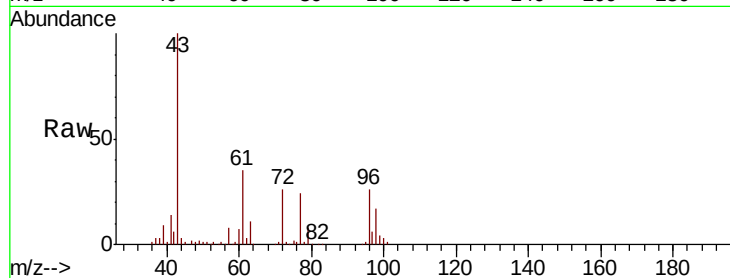
VSTDCCC050EC

Tot Ion: 43 Resp: 644150

Ion Ratio Lower Upper

43 100

72 26.3 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN056375.D (-1552) (-)

6.84

250000

200000

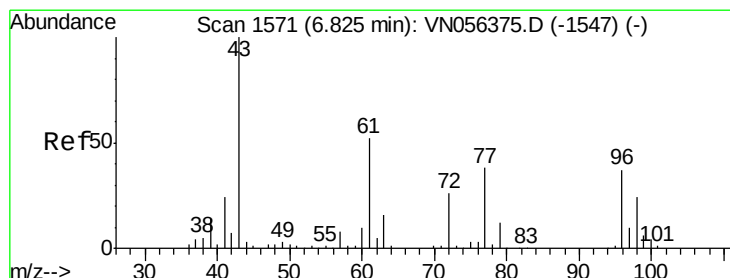
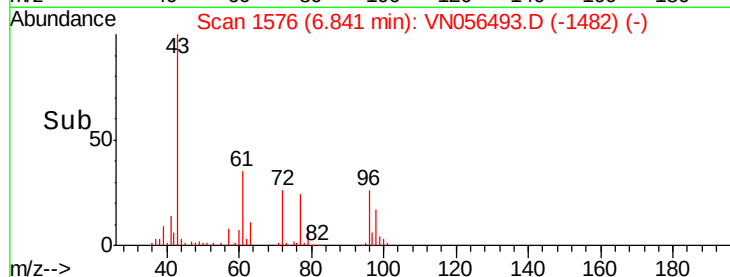
150000

100000

50000

0

Time--> 6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 49.989 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056493.D

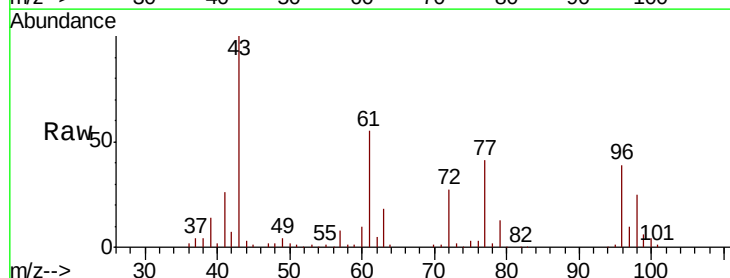
Acq: 25 Jun 2019 17:44

Tgt Ion: 77 Resp: 224544

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN056375.D (-1547) (-)

Ion 96.90 (96.60 to 97.60): VN056375.D (-1547) (-)

6.82

80000

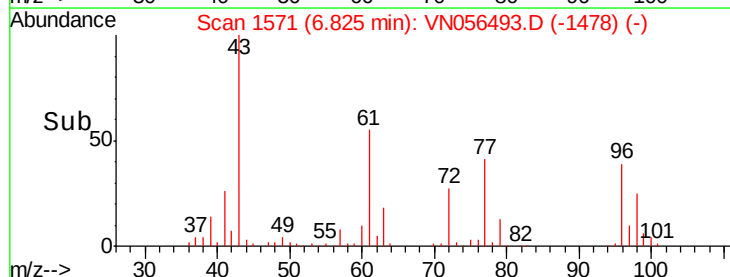
60000

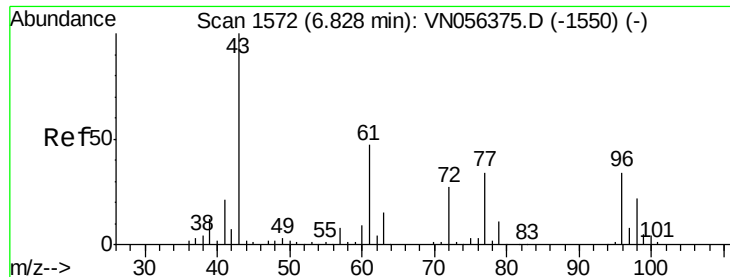
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 48.927 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

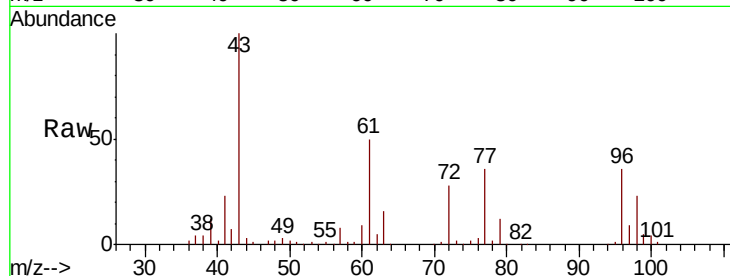
Tot Ion: 96 Resp: 198619

Ion Ratio Lower Upper

96 100

61 139.3 0.0 279.8

98 64.8 0.0 130.0

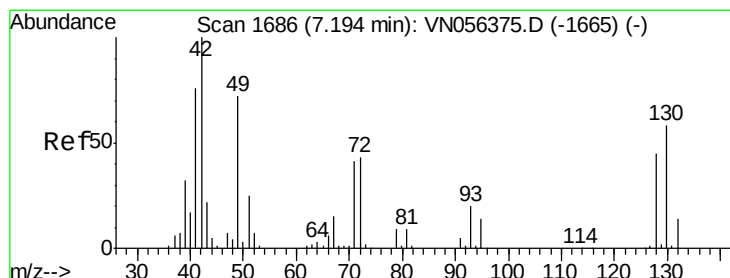
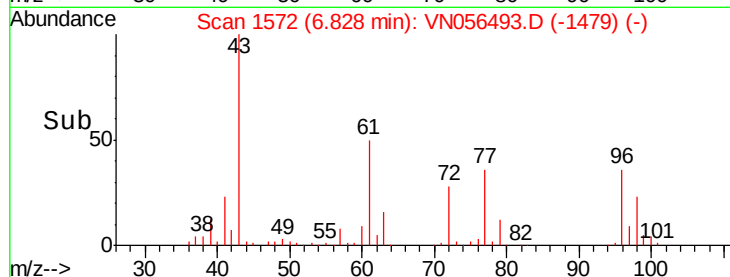
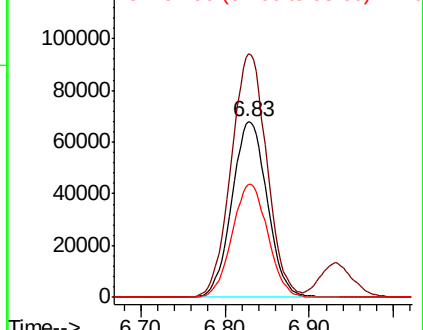


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.247 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

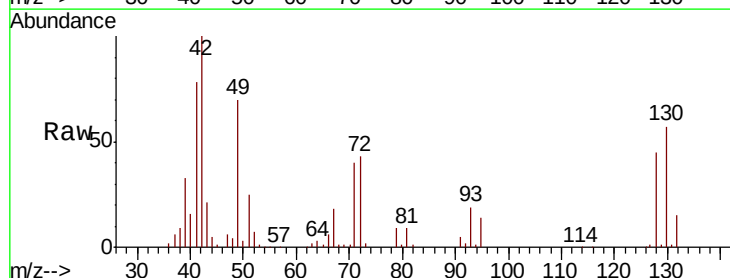
Tgt Ion: 49 Resp: 157321

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 81.9 64.9 97.3

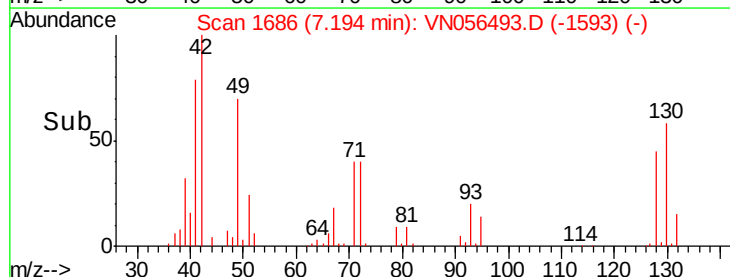
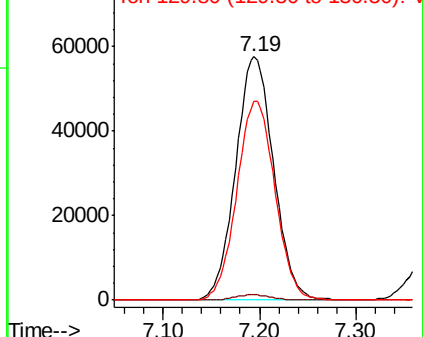


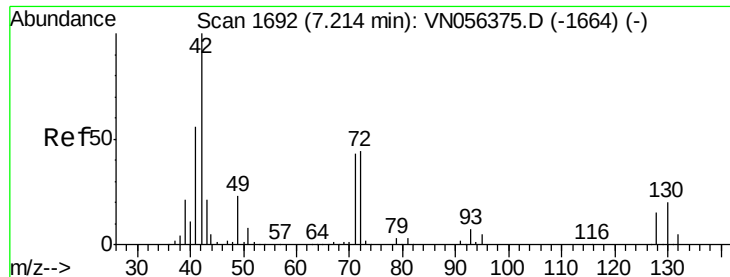
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

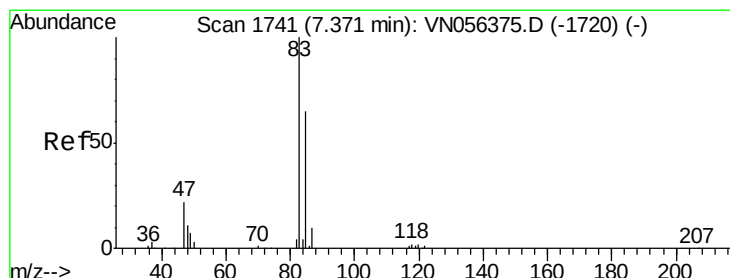
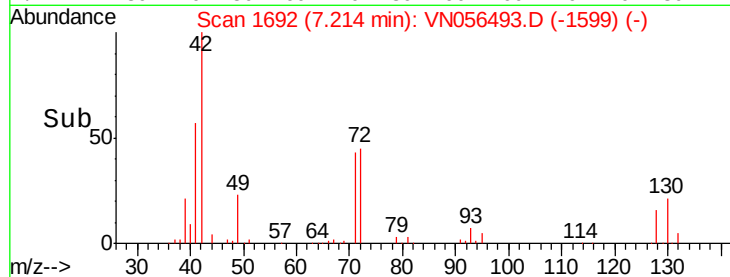
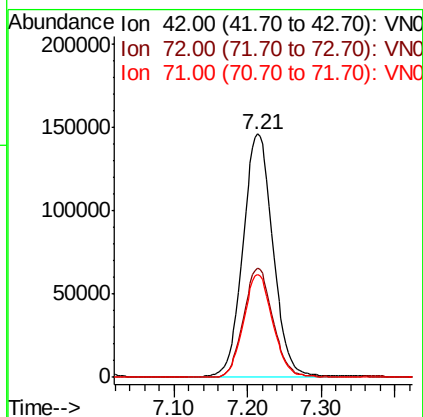
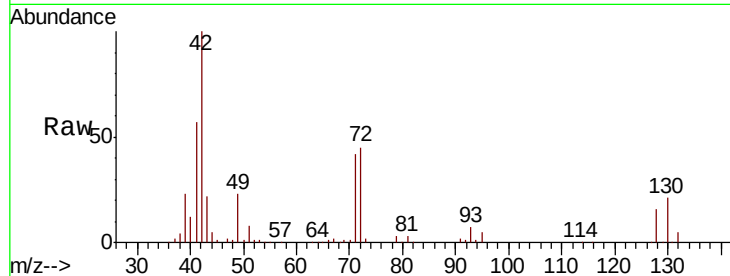




#29  
Tetrahydrofuran  
Concen: 255.441 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

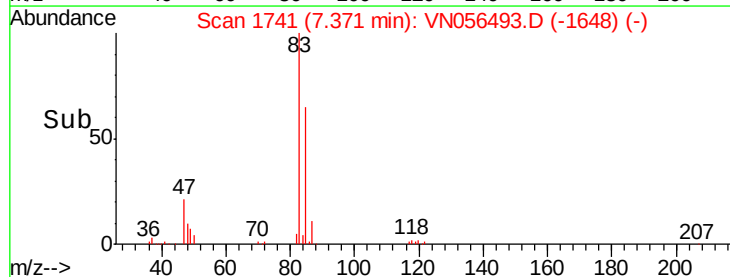
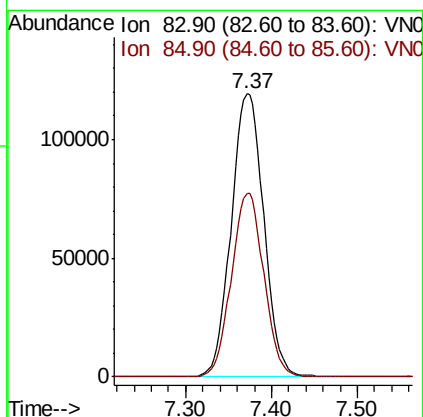
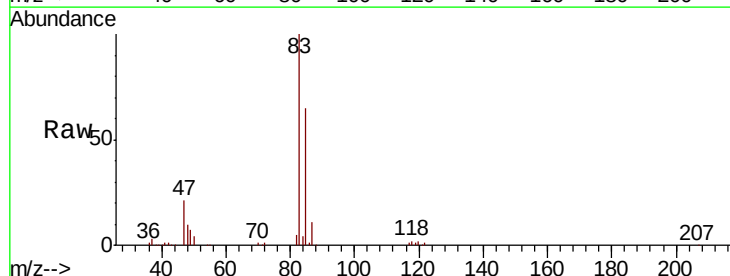
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

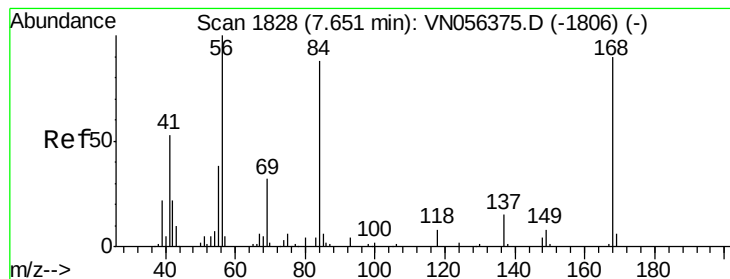
Tot Ion: 42 Resp: 417947  
Ion Ratio Lower Upper  
42 100  
72 43.6 34.7 52.1  
71 41.1 33.0 49.6



#30  
Chloroform  
Concen: 49.230 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion: 83 Resp: 313742  
Ion Ratio Lower Upper  
83 100  
85 64.9 52.3 78.5





#31

Cyclohexane

Concen: 43.297 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

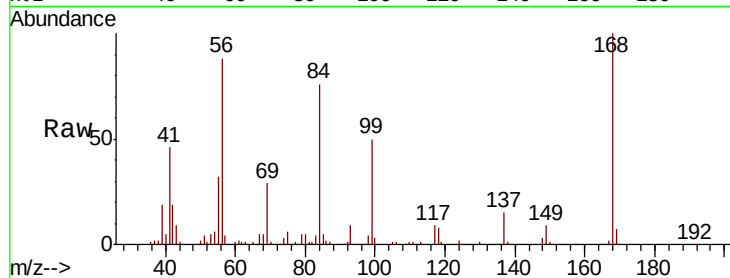
Tot Ion: 56 Resp: 269960

Ion Ratio Lower Upper

56 100

69 32.8 25.8 38.6

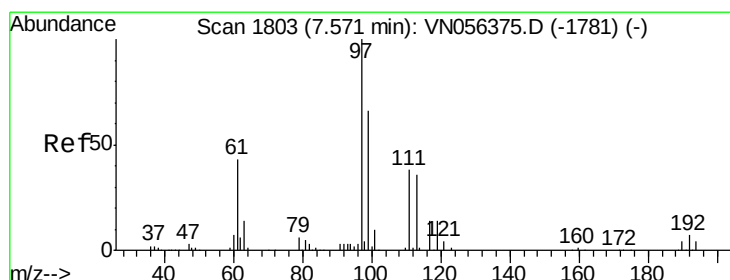
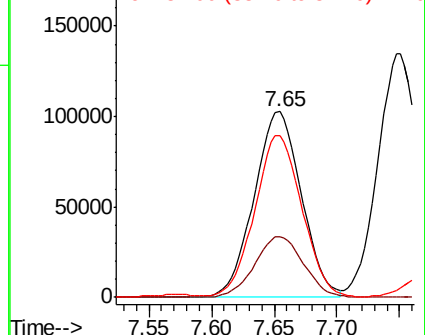
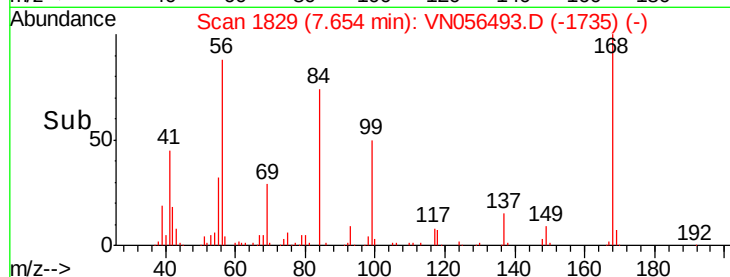
84 85.8 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN056493.D (-1735) (-)

Ion 69.00 (68.70 to 69.70): VN056493.D (-1735) (-)

Ion 84.00 (83.70 to 84.70): VN056493.D (-1735) (-)



#32

1,1,1-Trichloroethane

Concen: 50.143 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

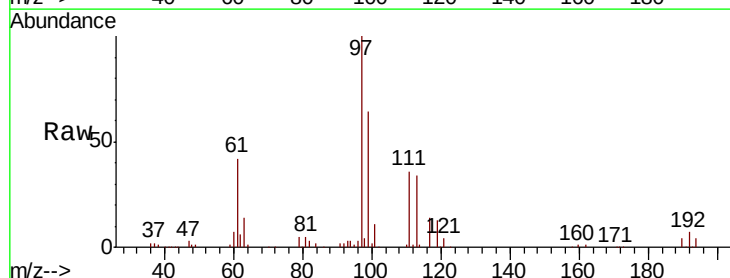
Tgt Ion: 97 Resp: 253297

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.6

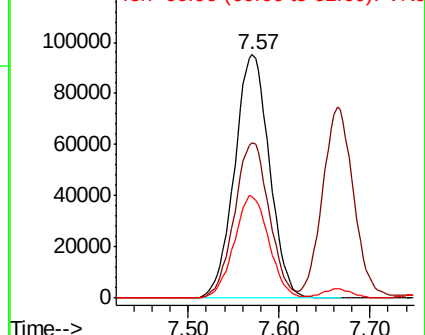
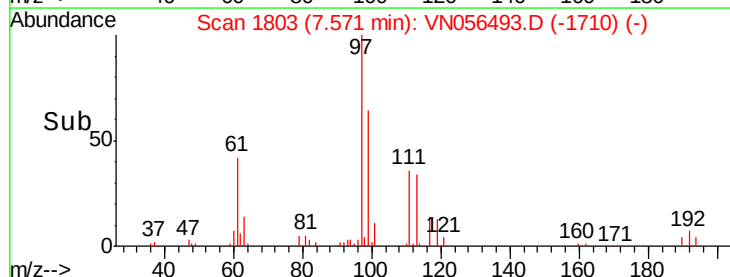
61 42.0 33.9 50.9

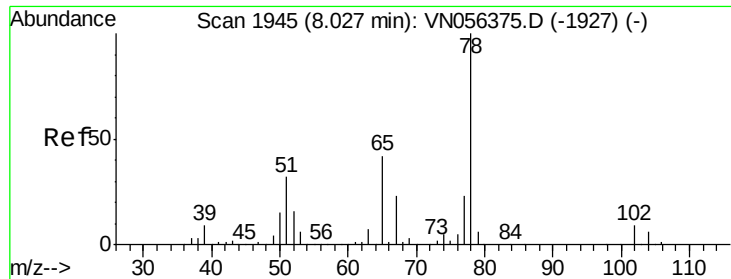


Abundance Ion 96.90 (96.60 to 97.60): VN056493.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN056493.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN056493.D (-1710) (-)

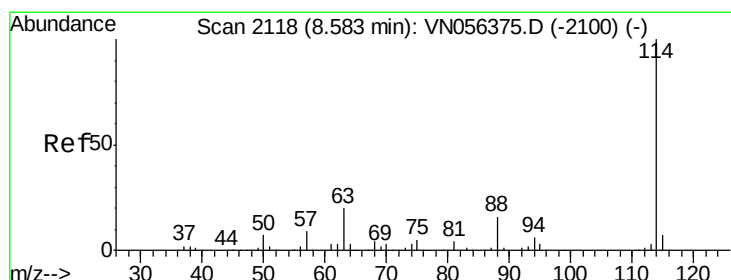
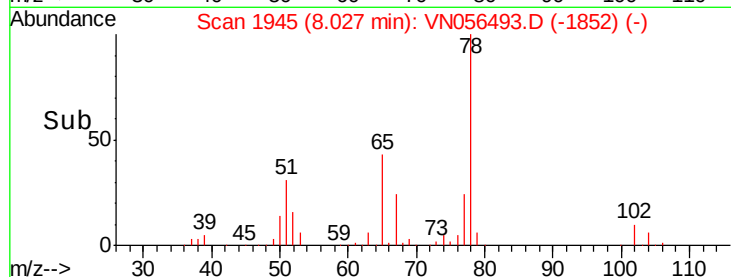
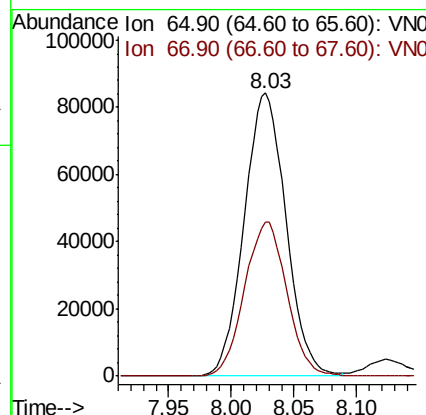
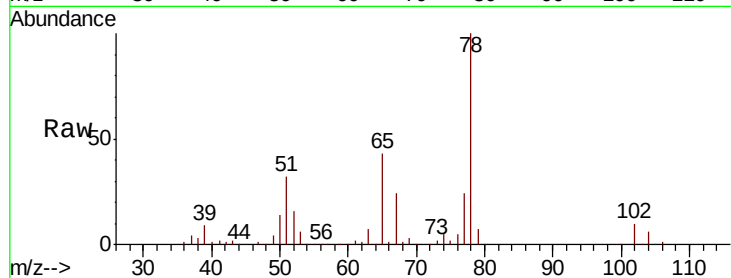




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.409 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

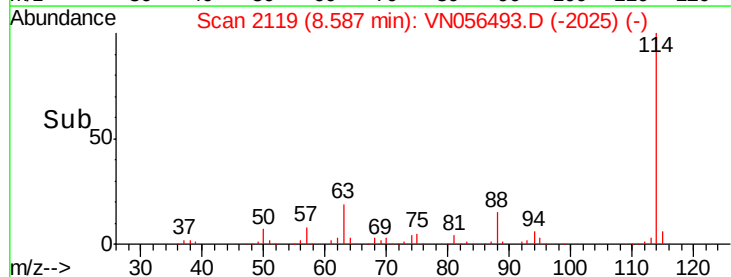
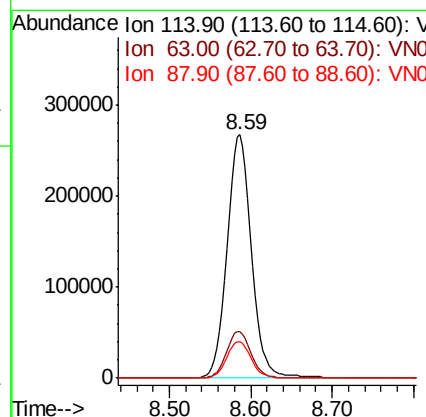
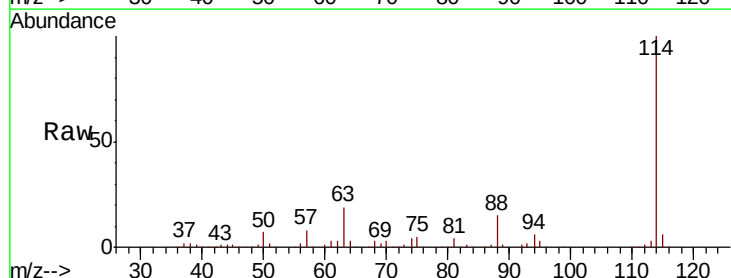
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

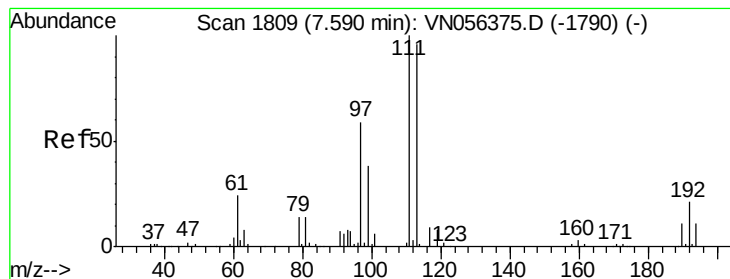
Tot Ion: 65 Resp: 195462  
 Ion Ratio Lower Upper  
 65 100  
 67 55.2 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 114 Resp: 566554  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 39.2  
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.159 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

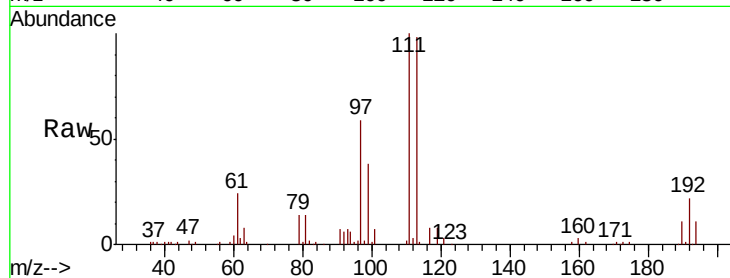
Tot Ion:113 Resp: 173746

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

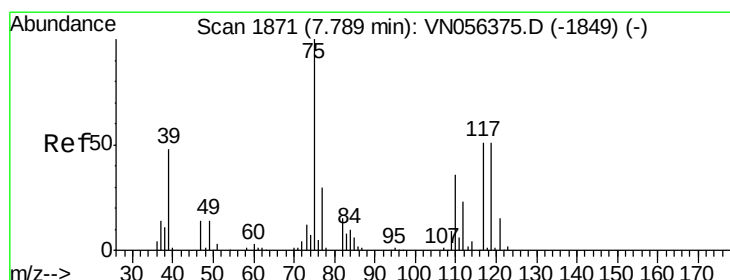
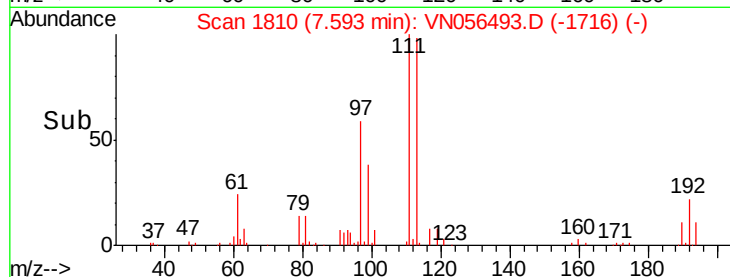
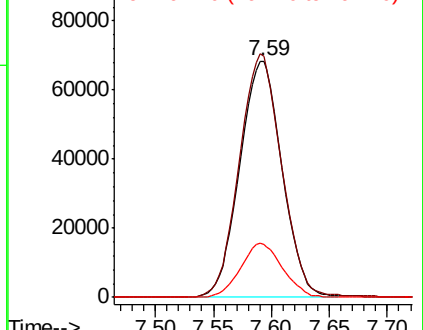
192 22.6 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.381 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

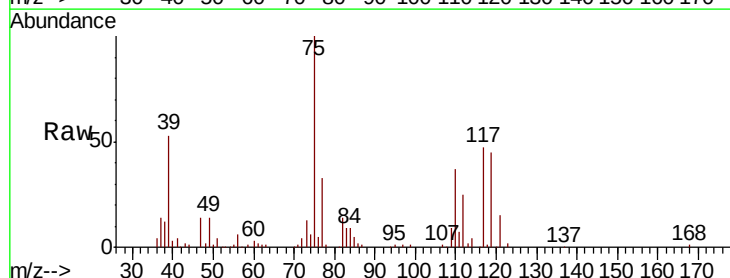
Tgt Ion: 75 Resp: 221316

Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.3

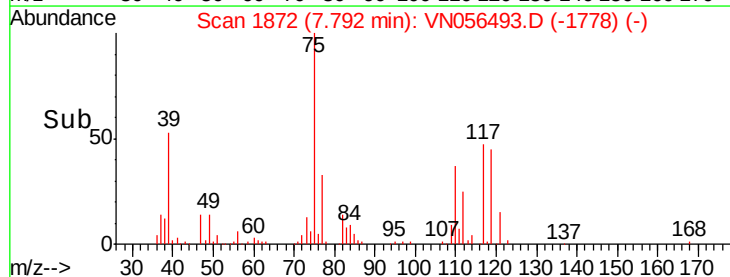
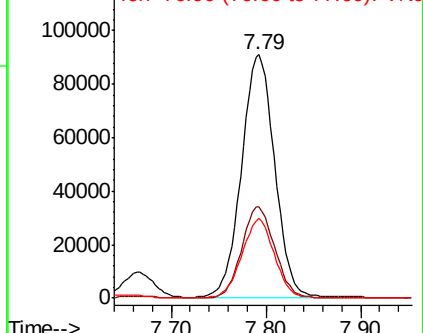
77 32.1 24.6 36.8

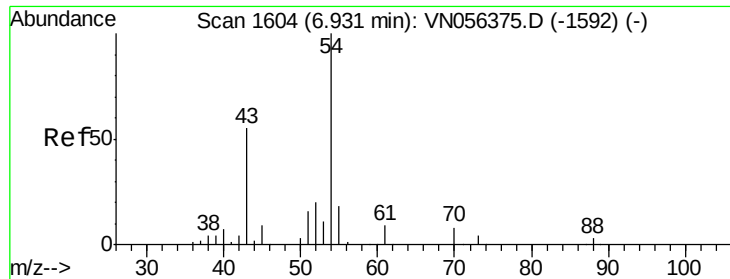


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

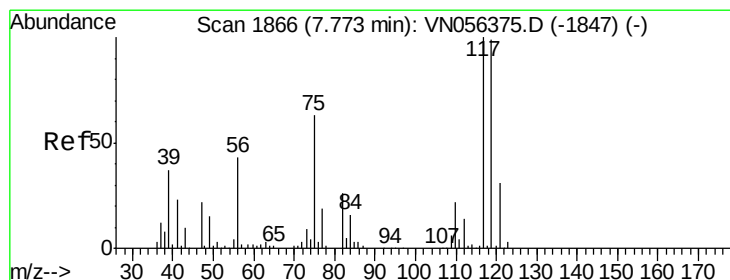
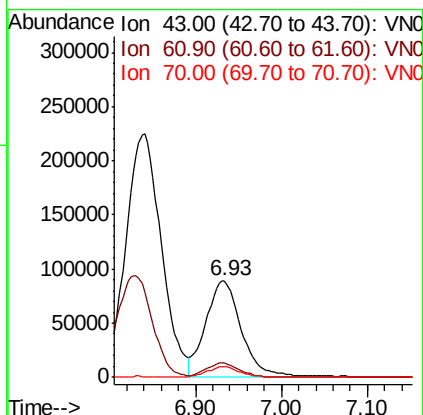
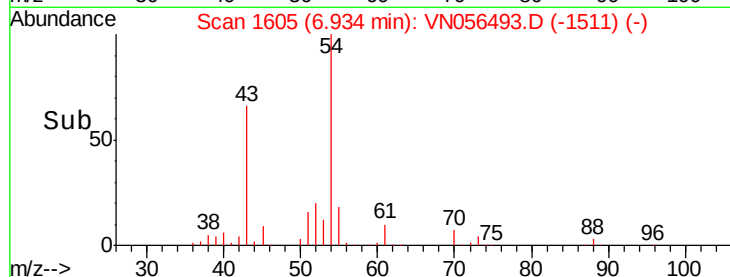
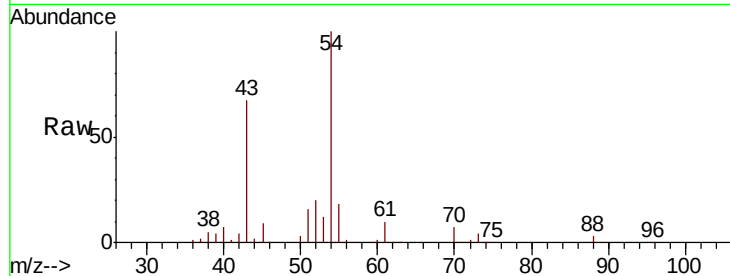




#37  
Ethyl Acetate  
Concen: 51.771 ug/l  
RT: 6.93 min Scan# 1605  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

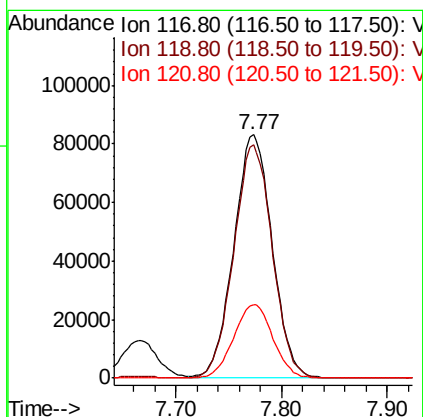
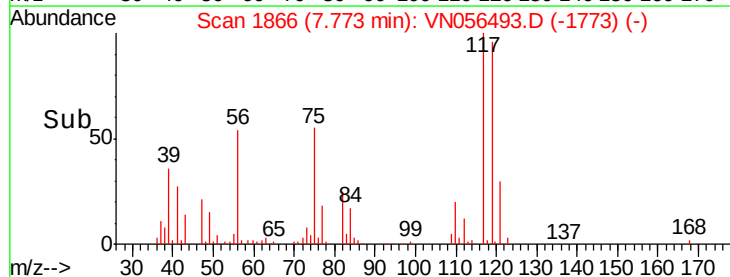
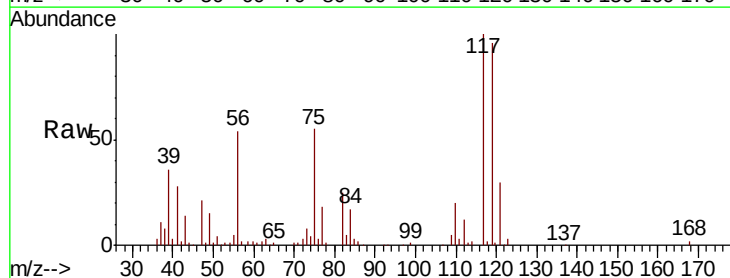
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 253709  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.1 16.7  
70 10.3 8.3 12.5

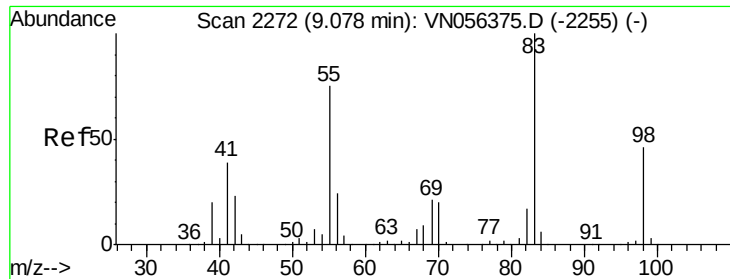


#38  
Carbon Tetrachloride  
Concen: 48.302 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion: 117 Resp: 210635  
Ion Ratio Lower Upper  
117 100  
119 95.7 79.1 118.7  
121 30.2 24.8 37.2



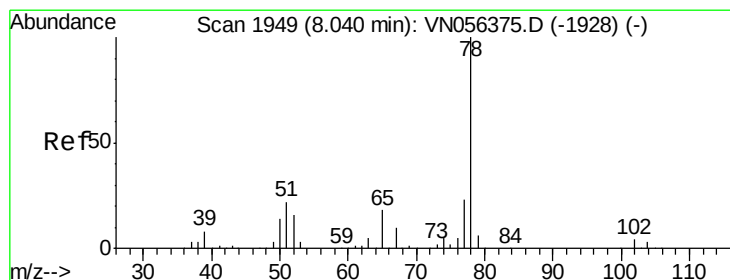
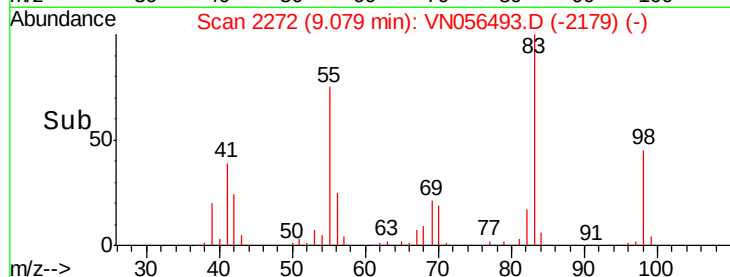
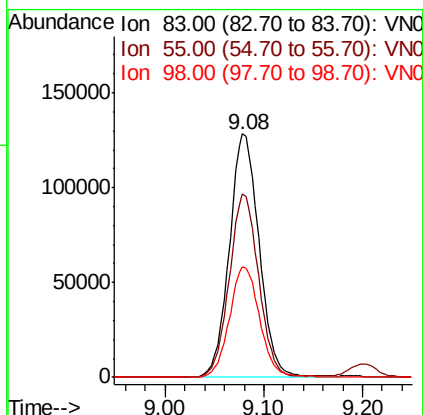
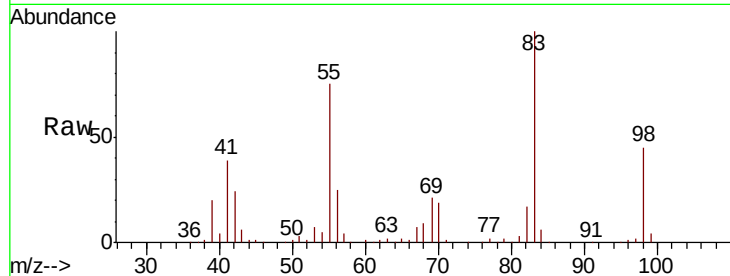




#39  
Methylvlcyclohexane  
Concen: 43.958 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

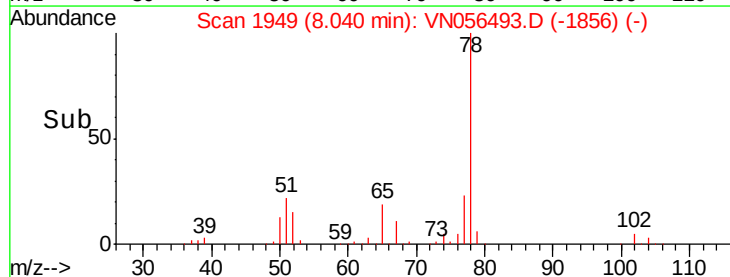
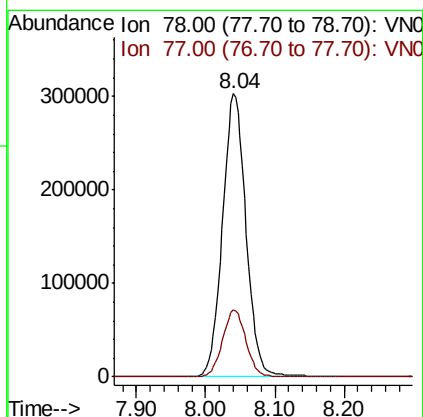
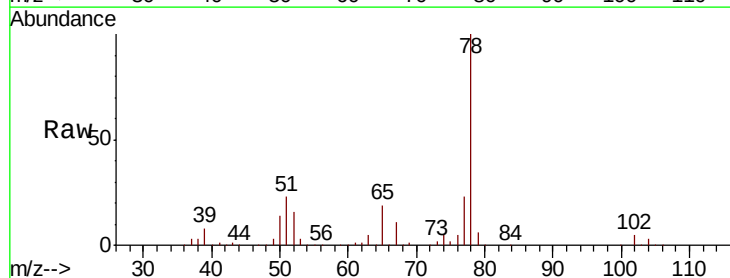
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

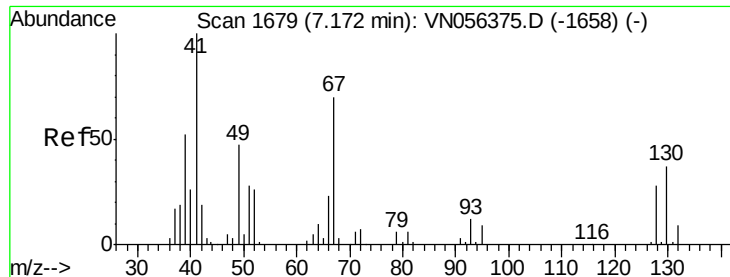
Tot Ion: 83 Resp: 270480  
Ion Ratio Lower Upper  
83 100  
55 75.2 60.0 90.0  
98 45.2 36.6 54.8



#40  
Benzene  
Concen: 46.698 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion: 78 Resp: 716299  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.3 27.5

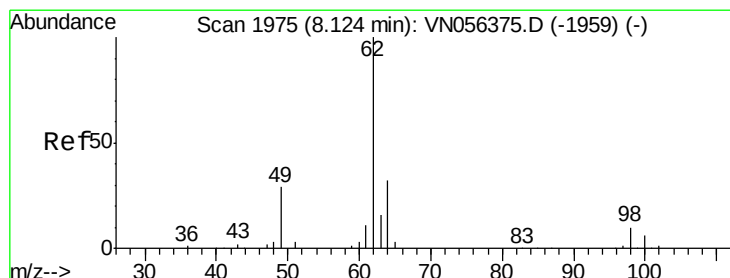
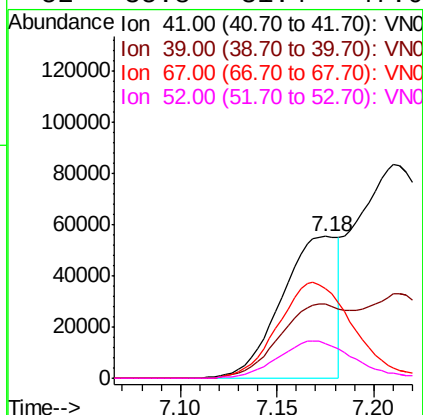
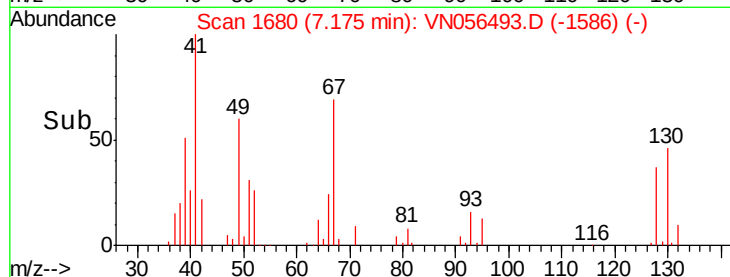
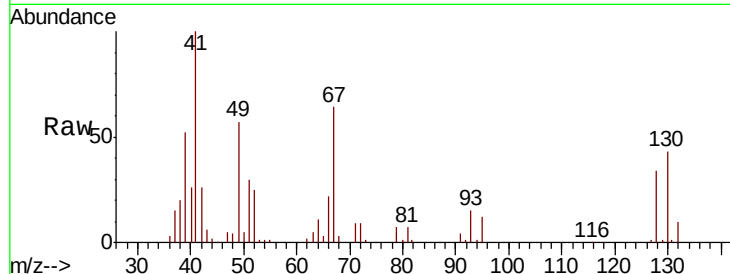




#41  
Methacrylonitrile  
Concen: 51.974 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

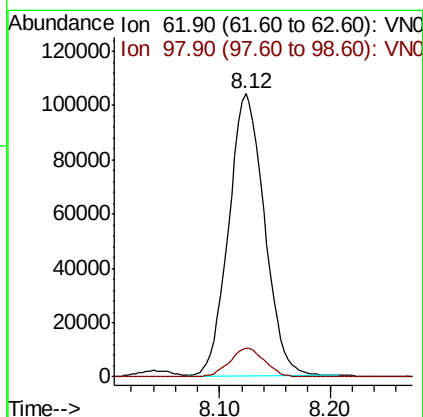
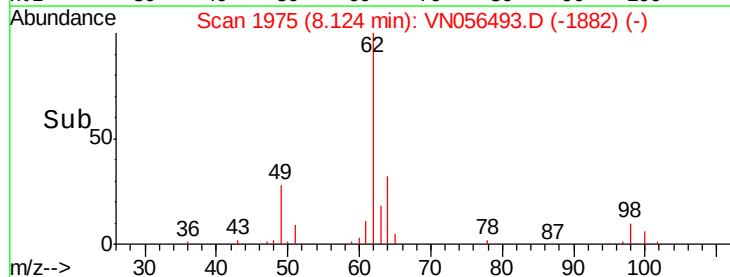
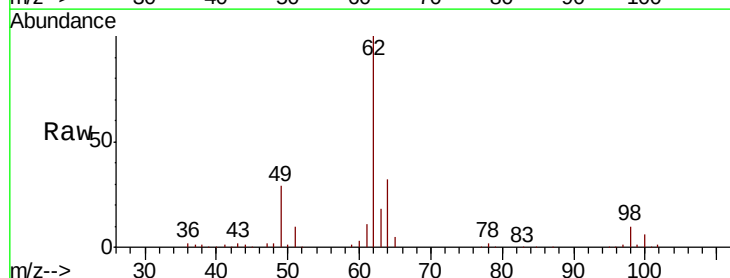
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

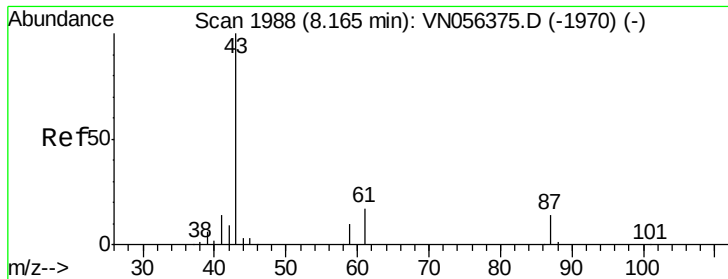
Tot Ion: 41 Resp: 112471  
Ion Ratio Lower Upper  
41 100  
39 62.4 55.3 82.9  
67 90.6 79.2 118.8  
52 35.8 31.4 47.0



#42  
1,2-Dichloroethane  
Concen: 46.356 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion: 62 Resp: 234663  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 54.080 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

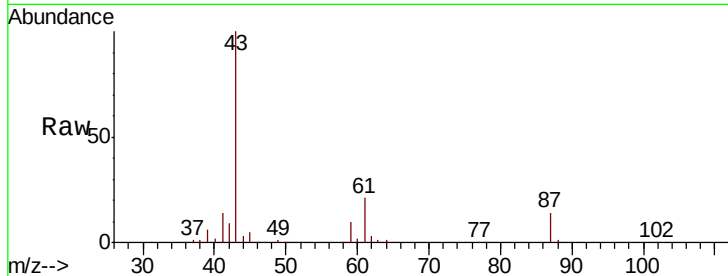
Tot Ion: 43 Resp: 408666

Ion Ratio Lower Upper

43 100

61 26.6 22.0 33.0

87 13.3 11.0 16.4

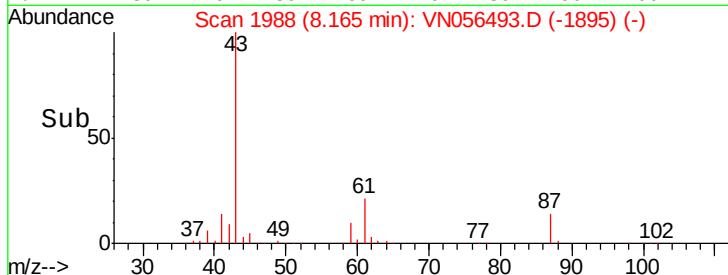


Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)

Time-->



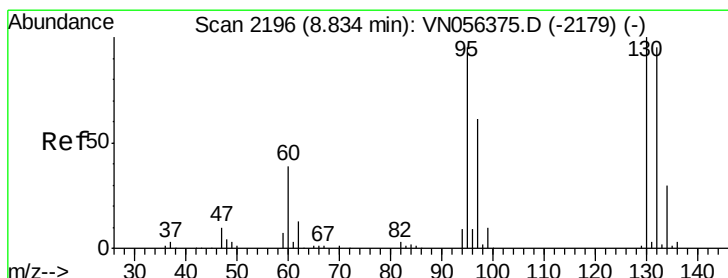
Abundance

Ion 43.00 (42.70 to 43.70): VN056493.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN056493.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN056493.D (-1895) (-)

Time-->



#44

Trichloroethene

Concen: 46.522 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056493.D

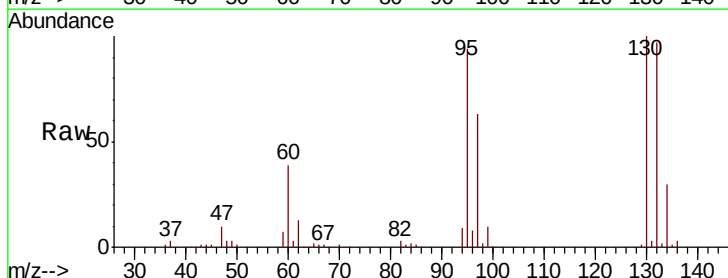
Acq: 25 Jun 2019 17:44

Tgt Ion: 130 Resp: 192226

Ion Ratio Lower Upper

130 100

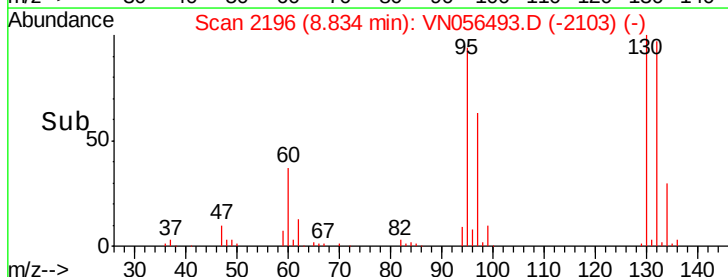
95 94.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

Time-->

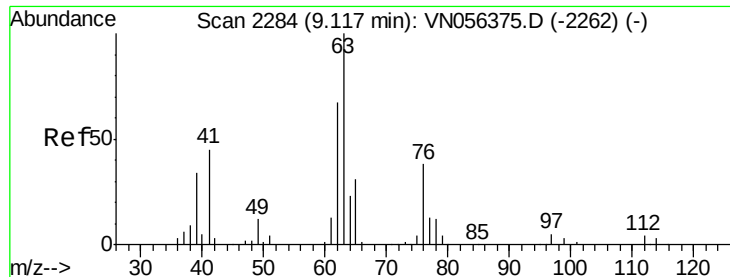


Abundance

Ion 129.80 (129.50 to 130.50): VN056493.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056493.D (-2103) (-)

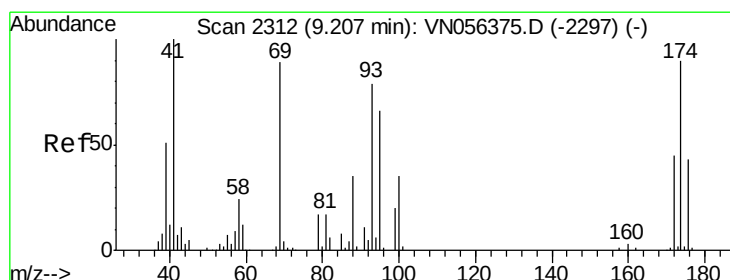
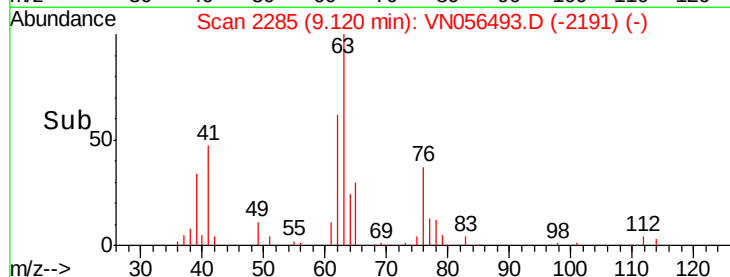
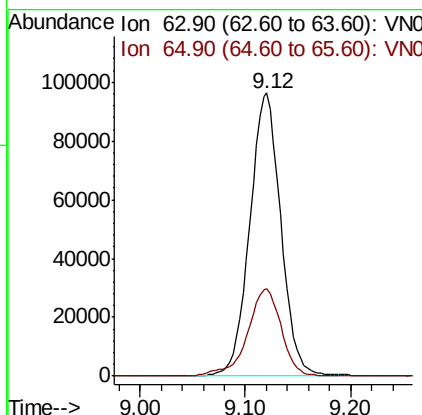
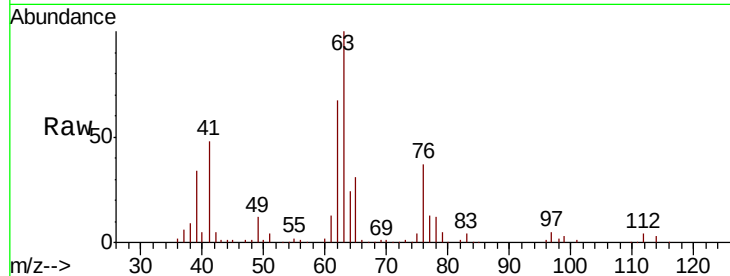
Time-->



#45  
 1,2-Dichloropropane  
 Concen: 48.282 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

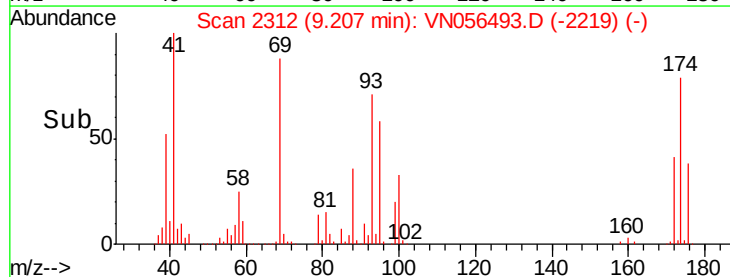
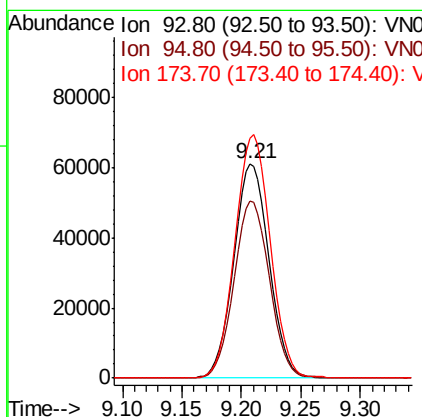
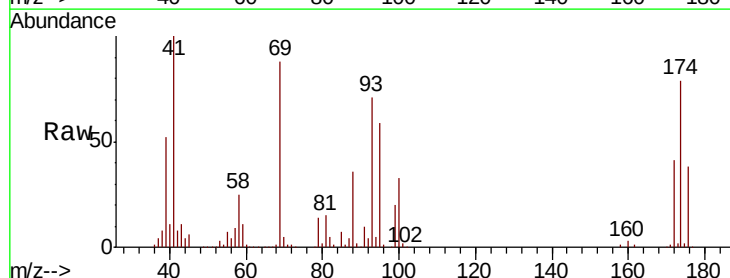
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

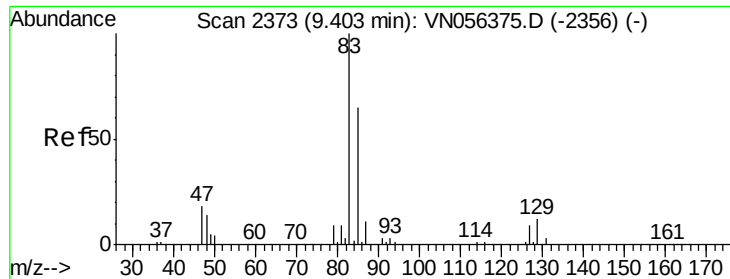
Tot Ion: 63 Resp: 198064  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 25.0 37.6



#46  
 Dibromomethane  
 Concen: 49.067 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 93 Resp: 125930  
 Ion Ratio Lower Upper  
 93 100  
 95 82.6 66.2 99.2  
 174 113.7 90.8 136.2





#47

Bromodichloromethane

Concen: 51.246 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

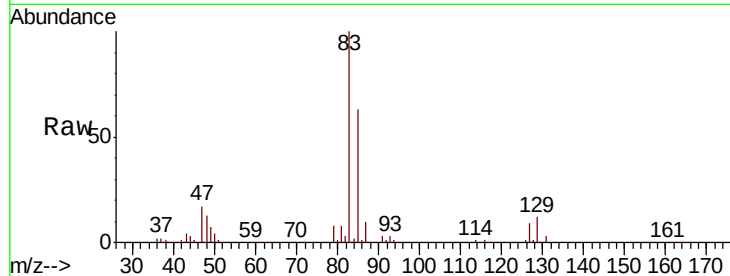
Tot Ion: 83 Resp: 233267

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

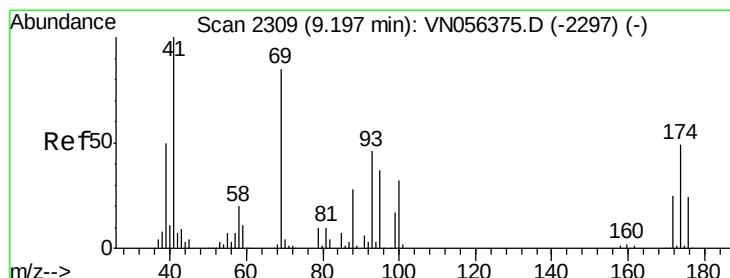
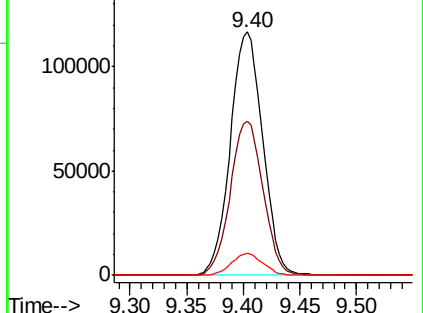
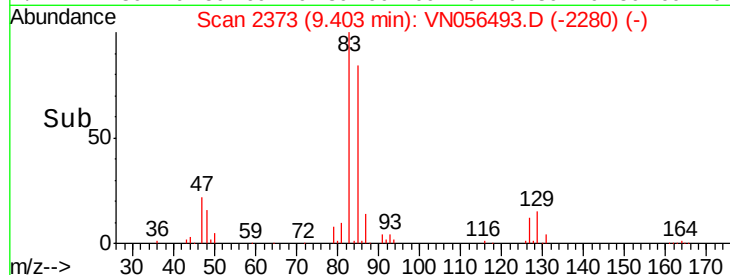
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056493.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056493.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056493.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.187 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

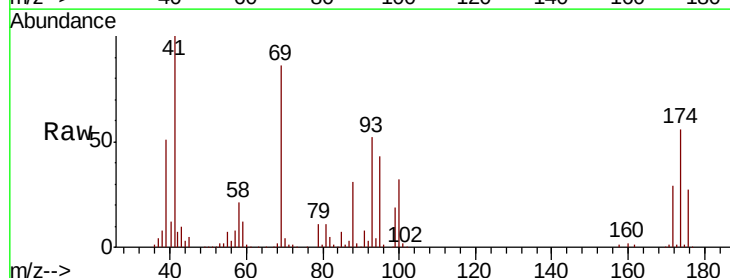
Tgt Ion: 41 Resp: 186262

Ion Ratio Lower Upper

41 100

69 91.2 72.6 109.0

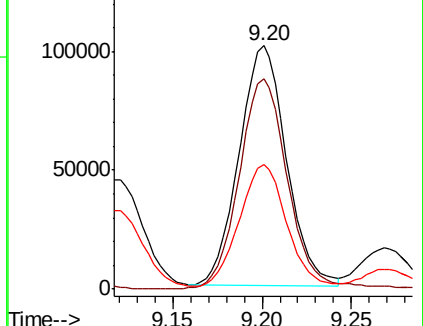
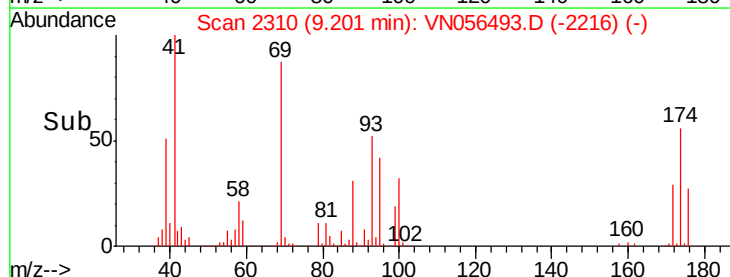
39 52.9 42.6 63.8

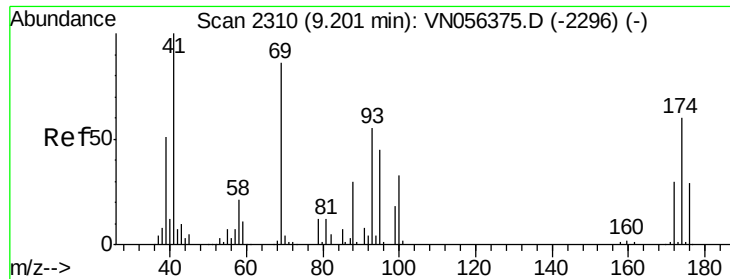


Abundance Ion 41.00 (40.70 to 41.70): VN056493.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056493.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056493.D (-2216) (-)

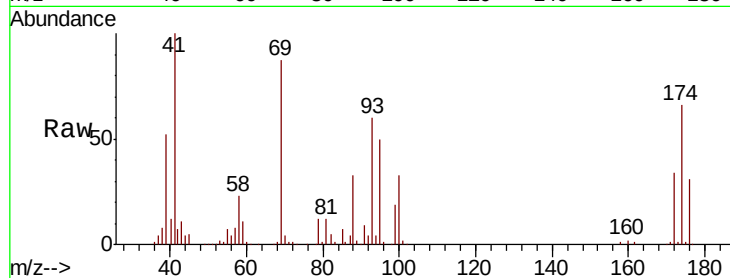




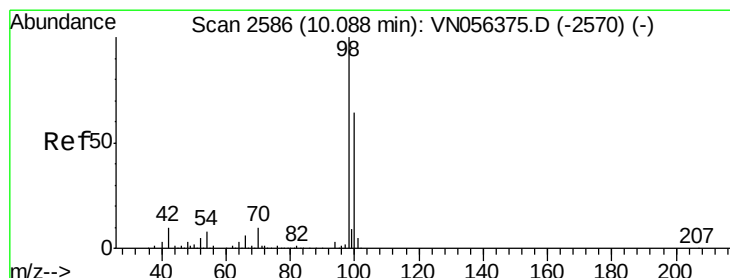
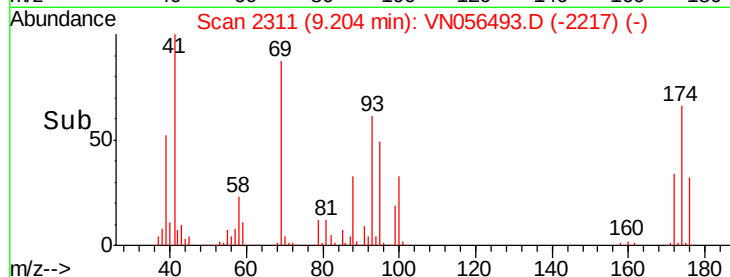
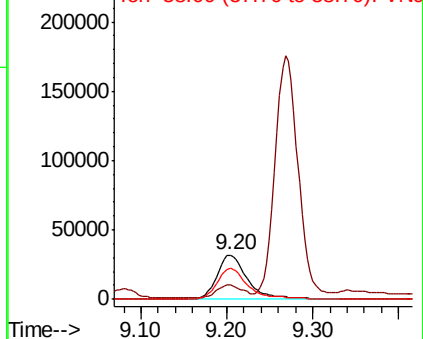
#49  
 1,4-Dioxane  
 Concen: 1006.324 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 88 Resp: 79081  
 Ion Ratio Lower Upper  
 88 100  
 43 26.0 22.0 33.0  
 58 72.3 51.8 77.8

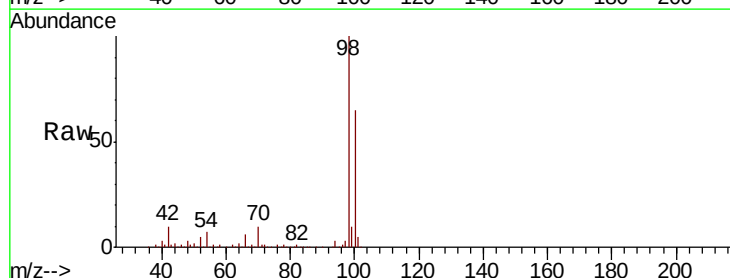


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

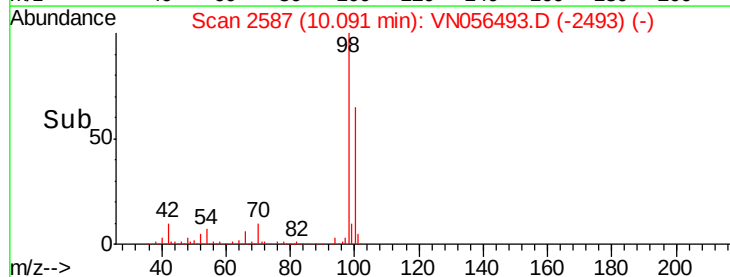
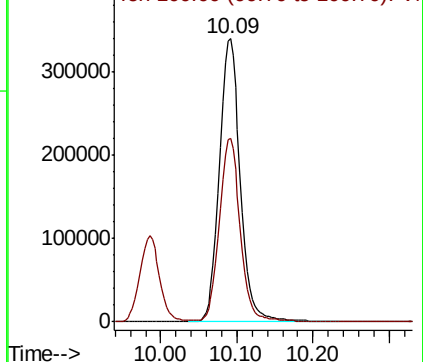


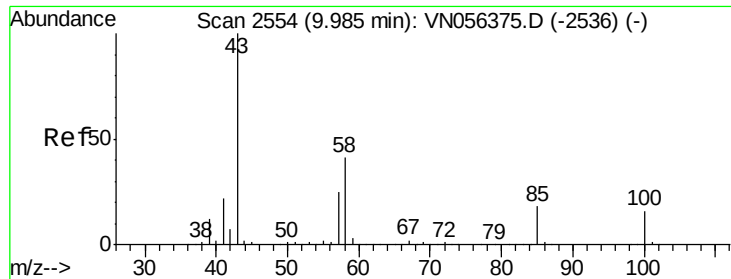
#50  
 Toluene-d8  
 Concen: 47.126 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 98 Resp: 648106  
 Ion Ratio Lower Upper  
 98 100  
 100 65.2 52.2 78.2



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: 252.741 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

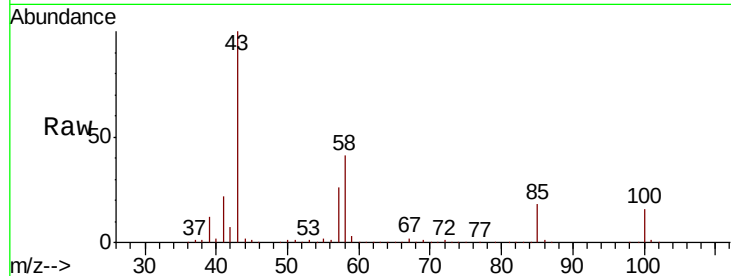
VSTDCCC050EC

Tot Ion: 43 Resp: 1232700

Ion Ratio Lower Upper

43 100

58 39.7 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

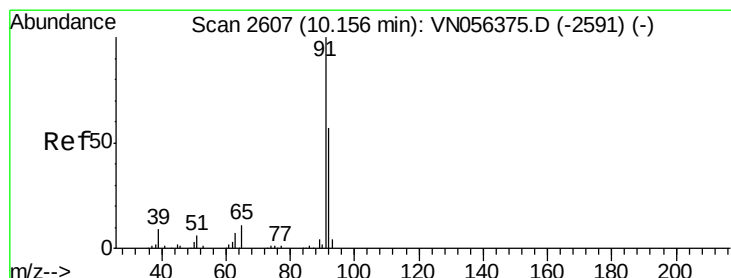
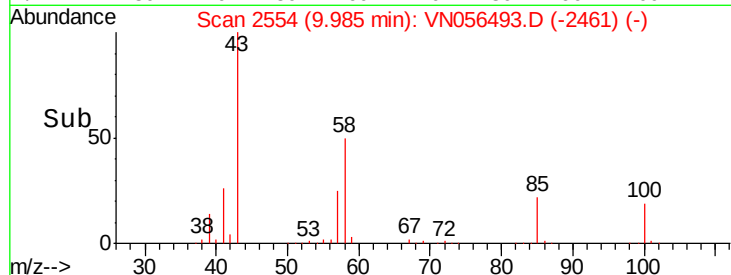
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.004 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056493.D

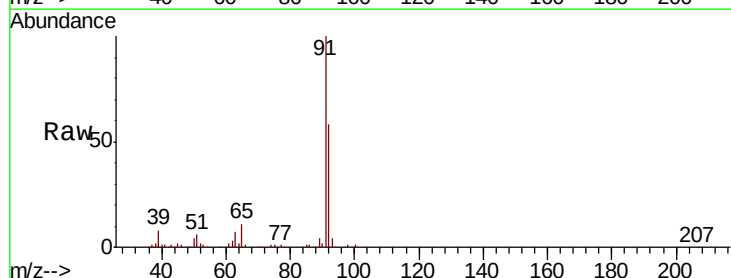
Acq: 25 Jun 2019 17:44

Tgt Ion: 92 Resp: 440804

Ion Ratio Lower Upper

92 100

91 174.1 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

400000

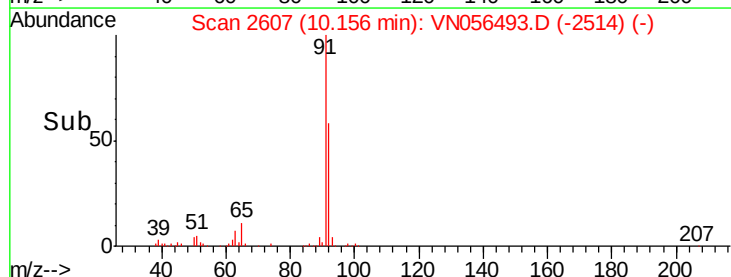
300000

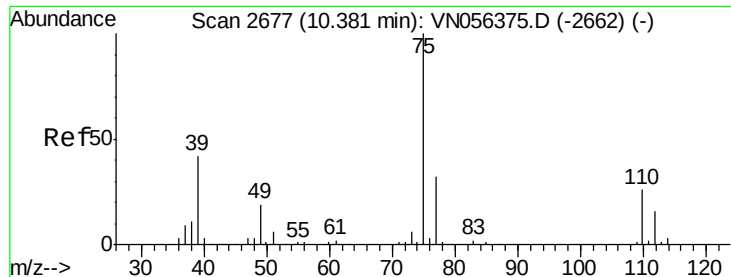
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.344 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

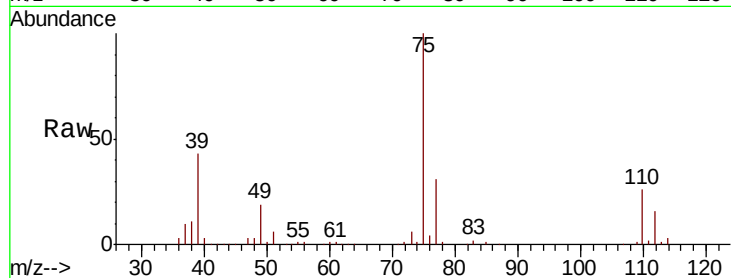
VSTDCCC050EC

Tot Ion: 75 Resp: 250135

Ion Ratio Lower Upper

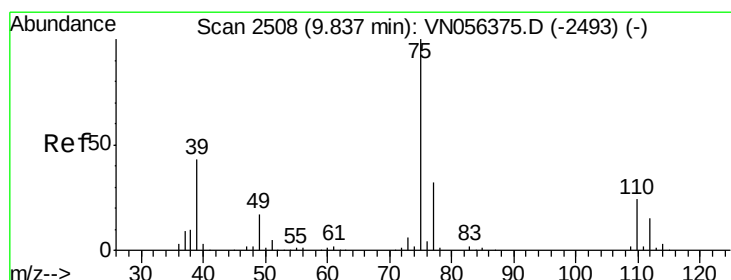
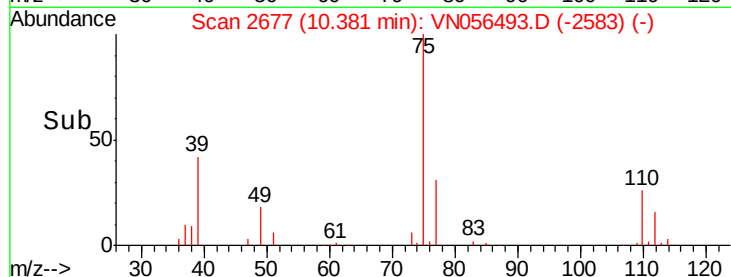
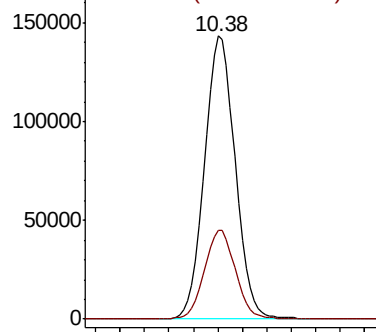
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.899 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

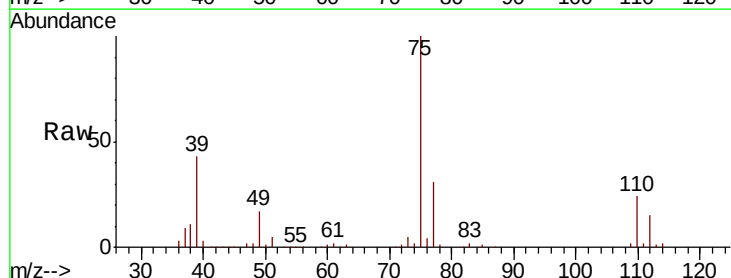
Tgt Ion: 75 Resp: 289968

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

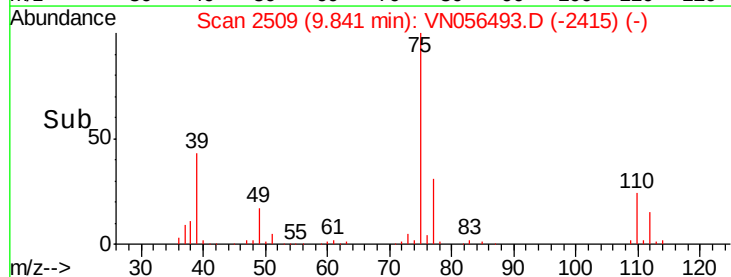
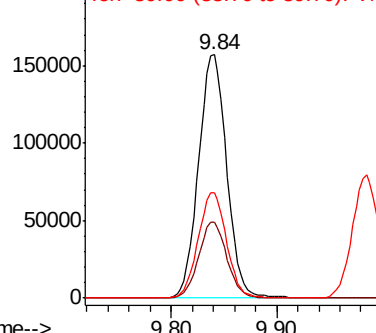
39 43.4 34.2 51.4



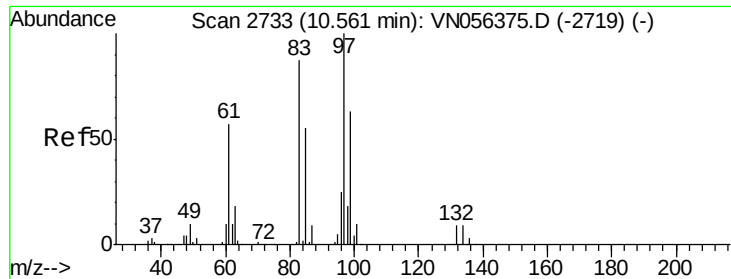
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



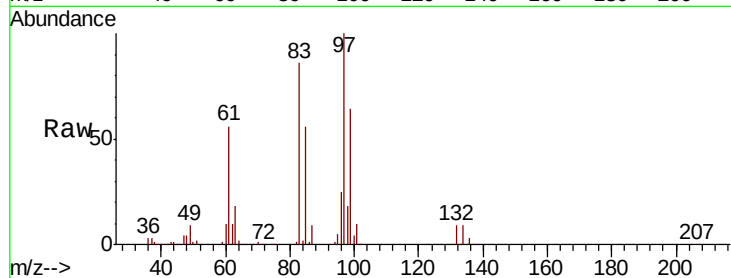




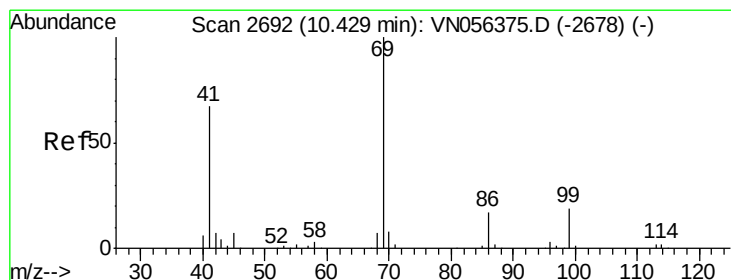
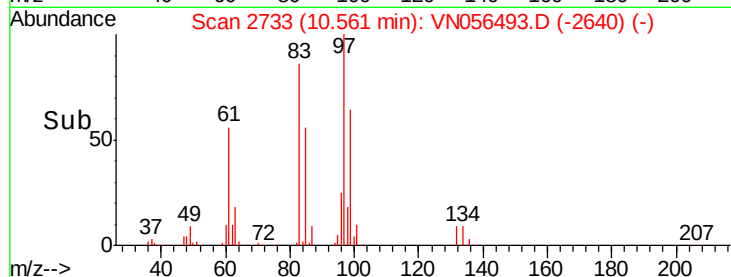
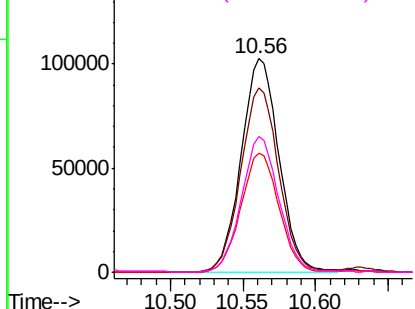
#55  
 1,1,2-Trichloroethane  
 Concen: 49.347 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 97 Resp: 186015  
 Ion Ratio Lower Upper  
 97 100  
 83 86.1 69.8 104.6  
 85 56.0 43.8 65.8  
 99 63.6 50.2 75.2

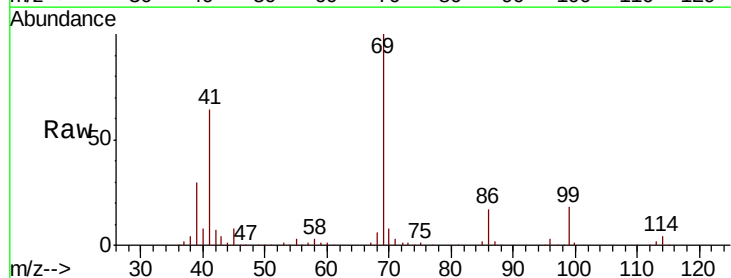


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

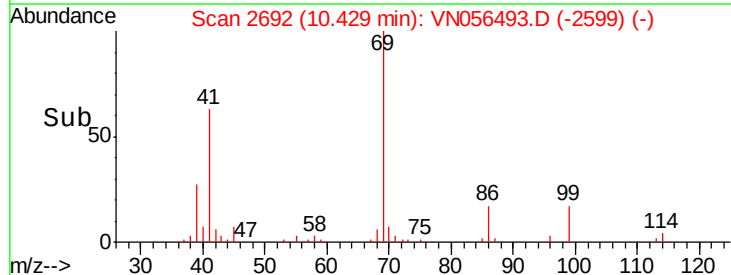
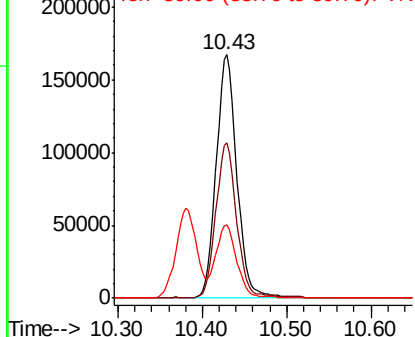


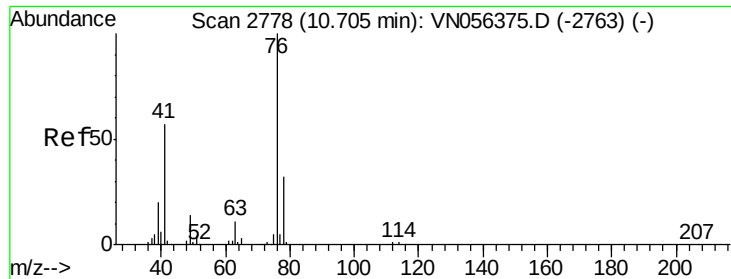
#56  
 Ethyl methacrylate  
 Concen: 51.895 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 69 Resp: 285883  
 Ion Ratio Lower Upper  
 69 100  
 41 64.1 51.4 77.2  
 39 30.3 24.7 37.1



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

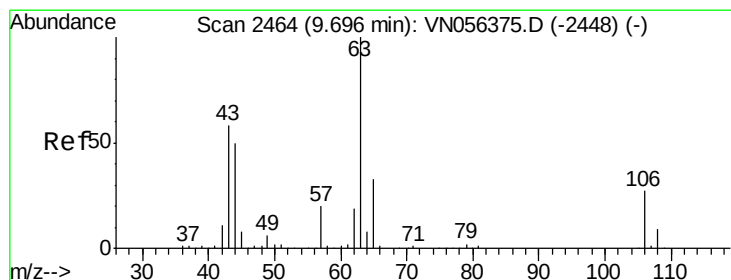
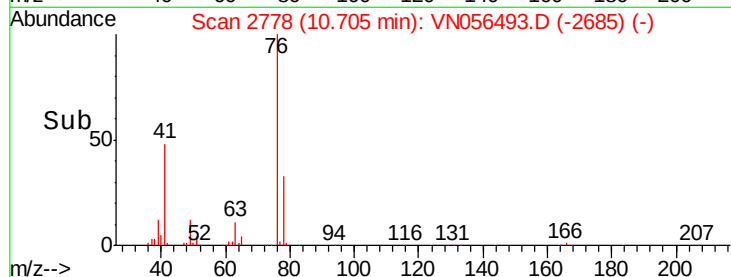
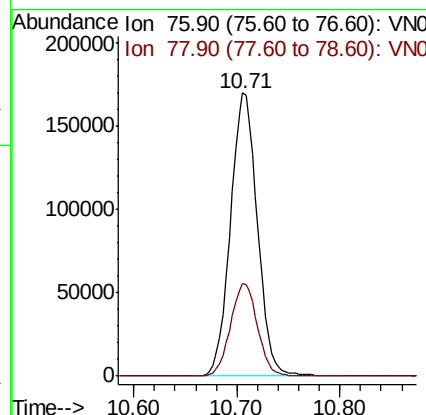
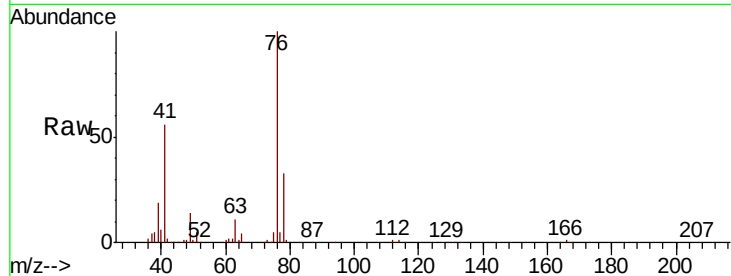




#57  
 1,3-Dichloropropane  
 Concen: 48.868 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

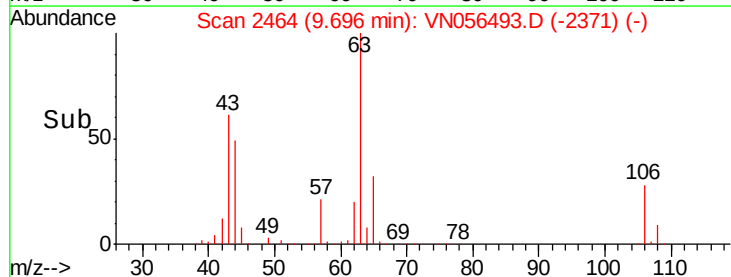
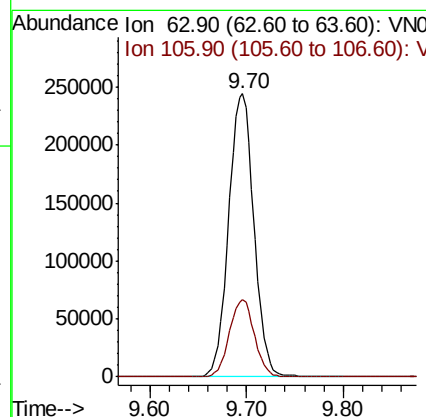
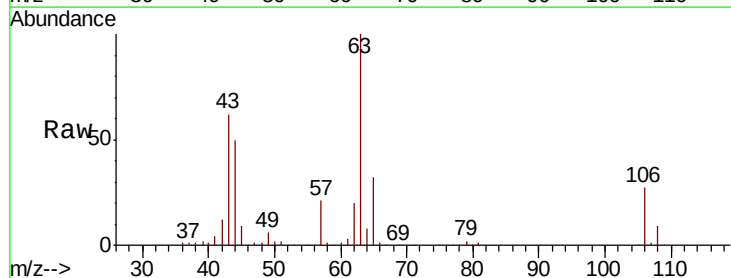
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

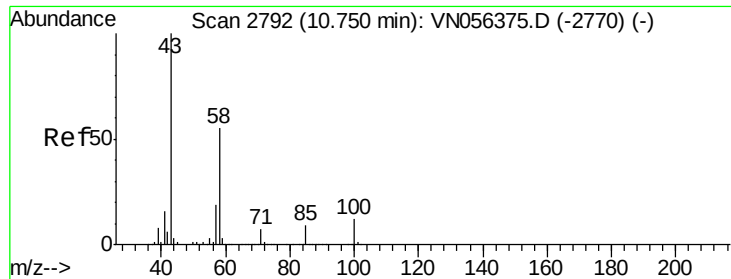
Tot Ion: 76 Resp: 309461  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 25.9 38.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 223.863 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 63 Resp: 443044  
 Ion Ratio Lower Upper  
 63 100  
 106 27.0 21.6 32.4

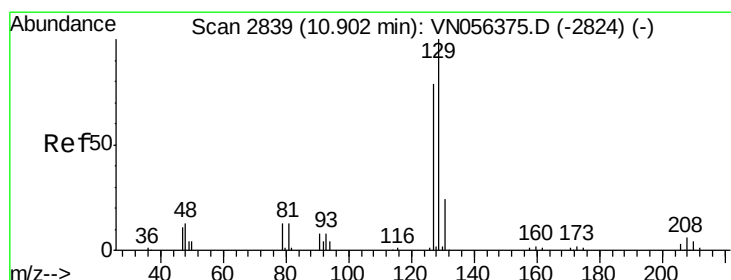
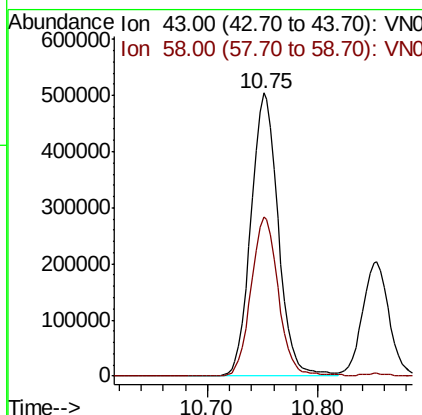
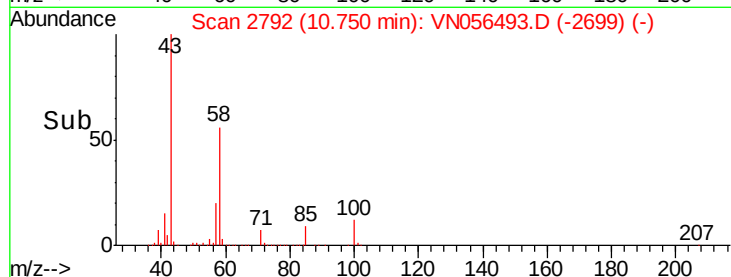
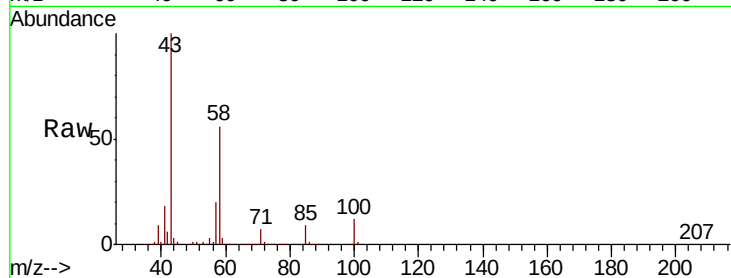




#59  
2-Hexanone  
Concen: 240.757 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

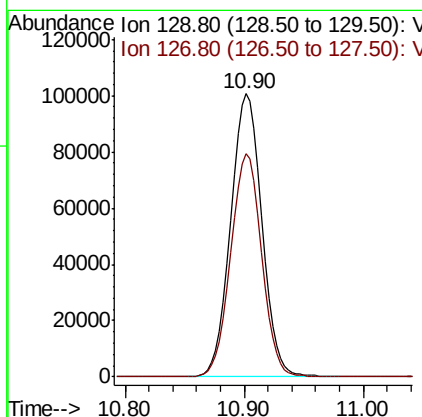
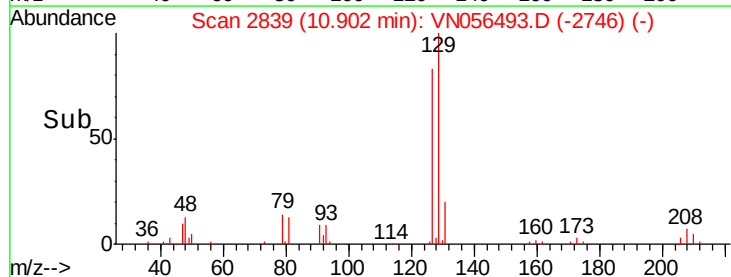
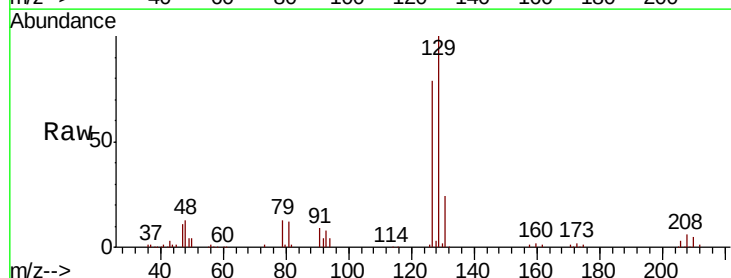
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

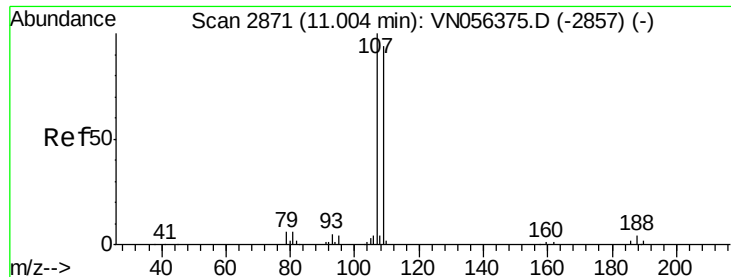
Tot Ion: 43 Resp: 863036  
Ion Ratio Lower Upper  
43 100  
58 56.3 27.8 83.4



#60  
Dibromochloromethane  
Concen: 47.417 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion: 129 Resp: 183222  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.9 116.7

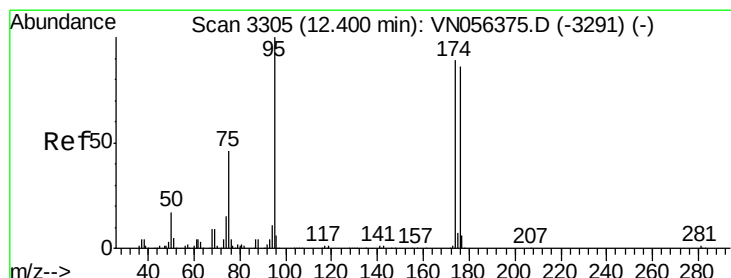
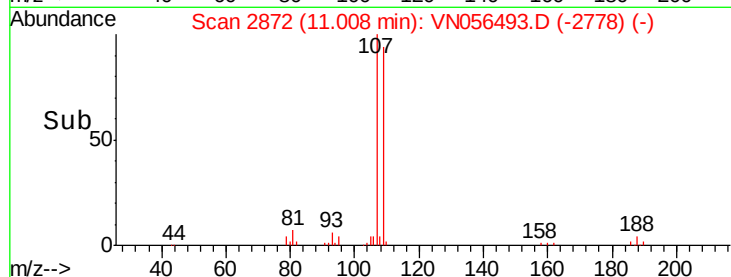
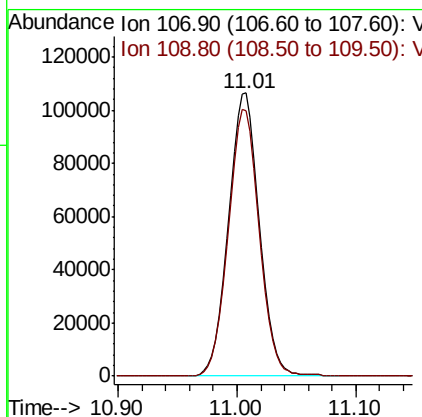
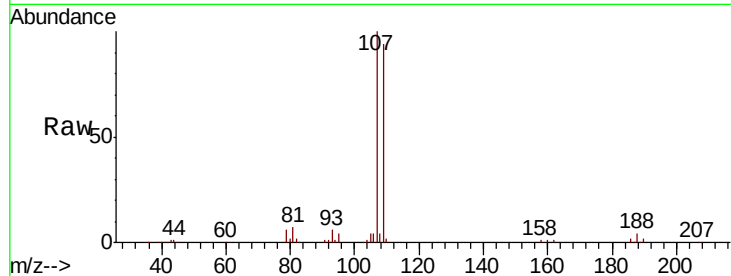




#61  
 1,2-Dibromoethane  
 Concen: 49.576 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

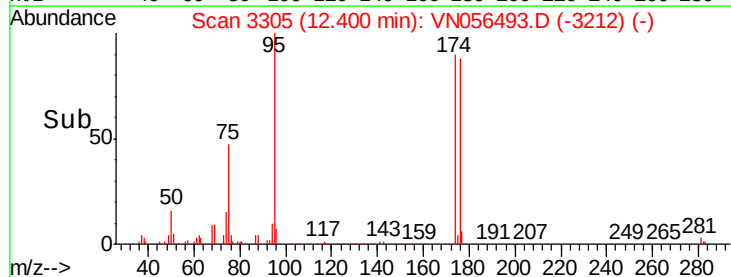
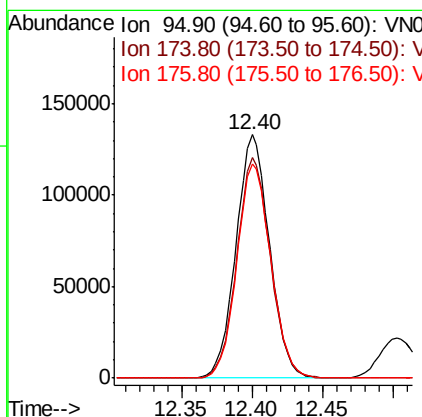
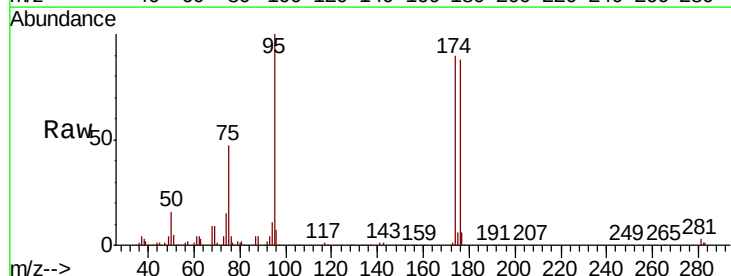
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

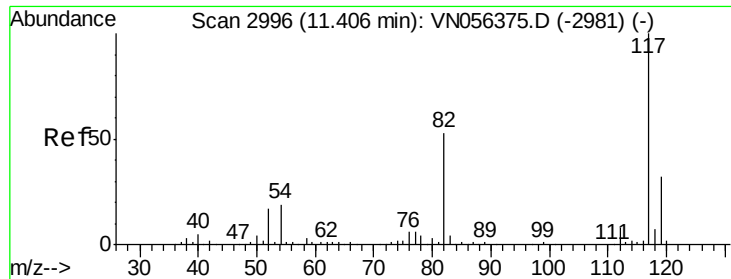
Tot Ion:107 Resp: 190867  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 75.3 112.9



#62  
 4-Bromofluorobenzene  
 Concen: 48.403 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion: 95 Resp: 221902  
 Ion Ratio Lower Upper  
 95 100  
 174 90.5 0.0 179.4  
 176 89.1 0.0 173.4

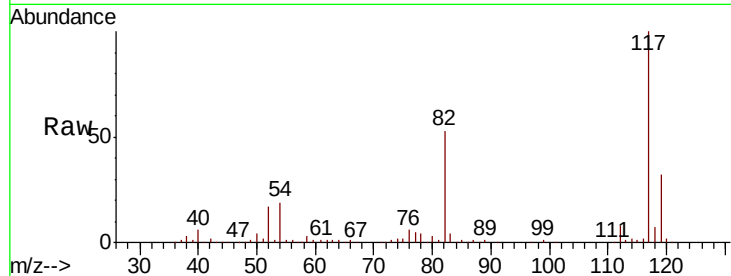




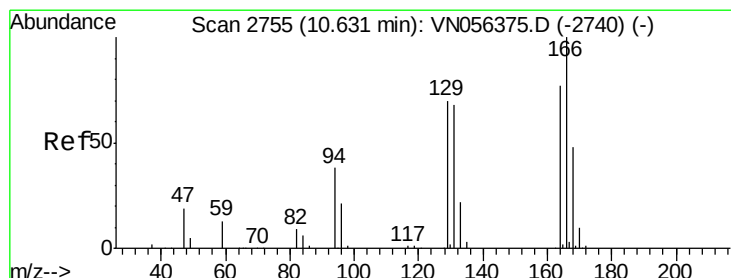
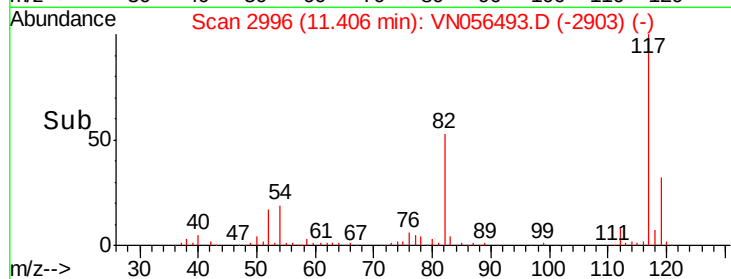
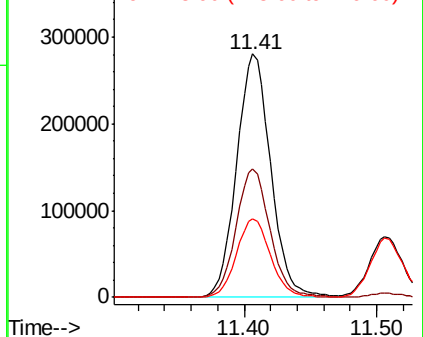
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:117 Resp: 501812  
Ion Ratio Lower Upper  
117 100  
82 53.0 42.0 63.0  
119 32.3 25.3 37.9

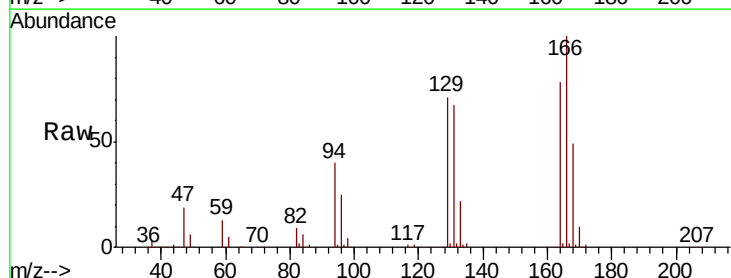


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

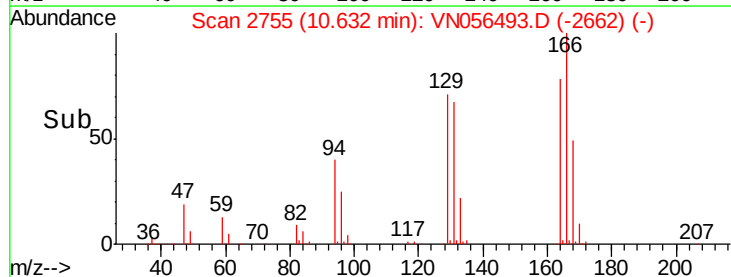
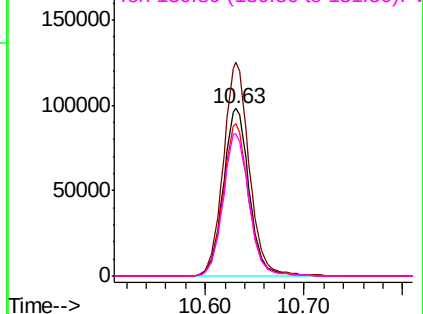


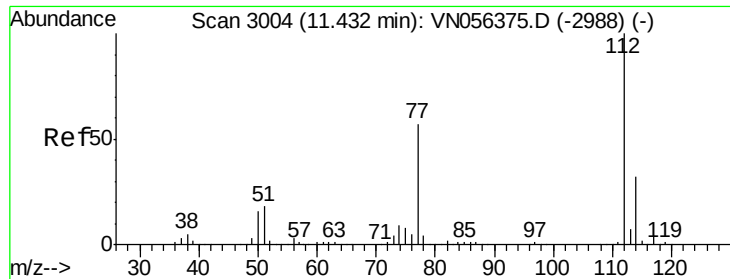
#64  
Tetrachloroethene  
Concen: 45.388 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion:164 Resp: 180369  
Ion Ratio Lower Upper  
164 100  
166 127.5 103.4 155.0  
129 90.6 72.0 108.0  
131 85.2 70.2 105.2



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

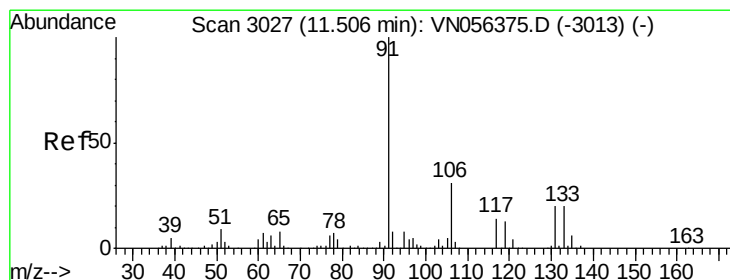
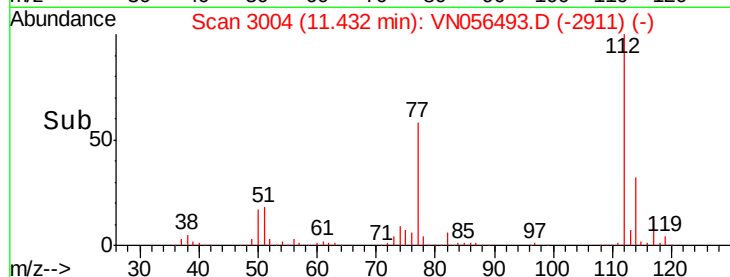
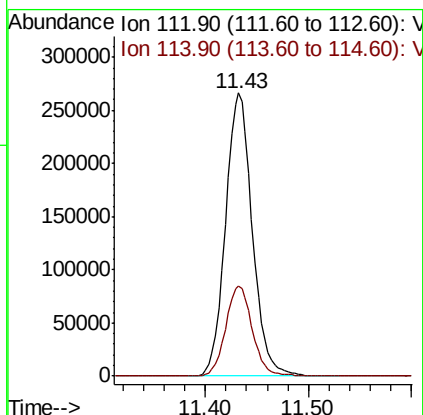
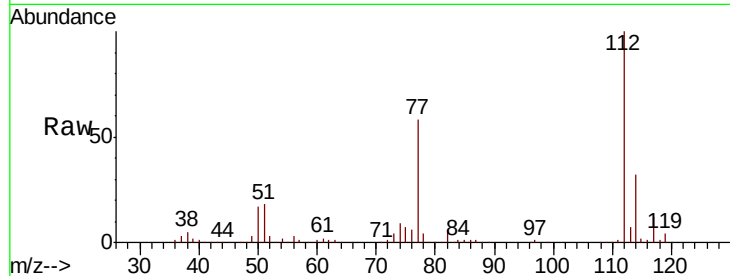




#65  
Chlorobenzene  
Concen: 47.678 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

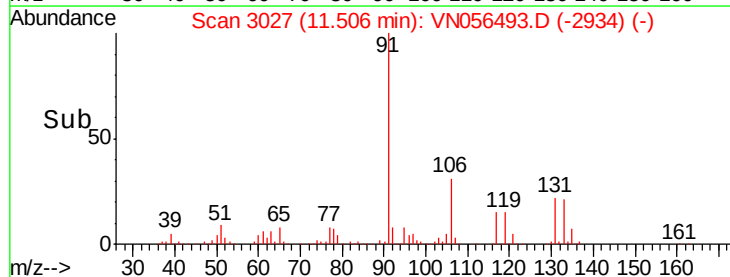
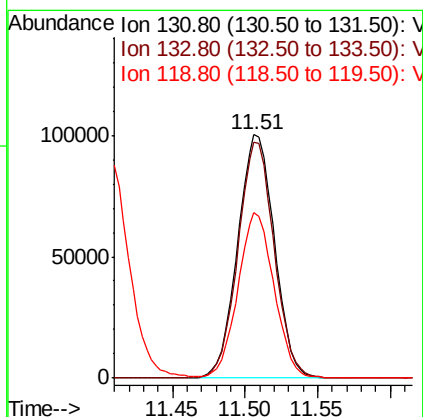
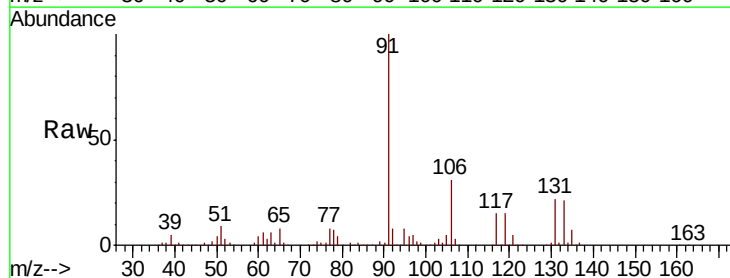
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

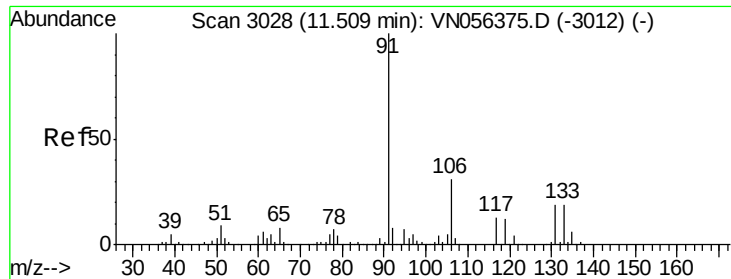
Tot Ion:112 Resp: 480747  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.817 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion:131 Resp: 176586  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.4 142.2  
119 66.8 32.8 98.4

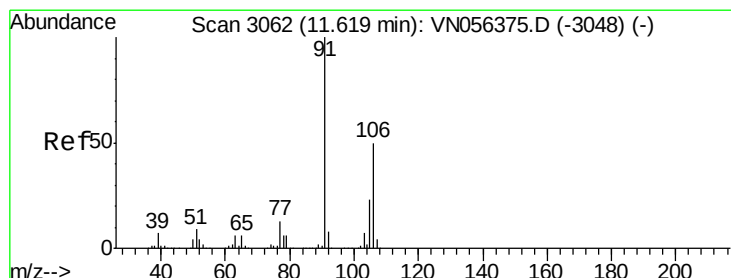
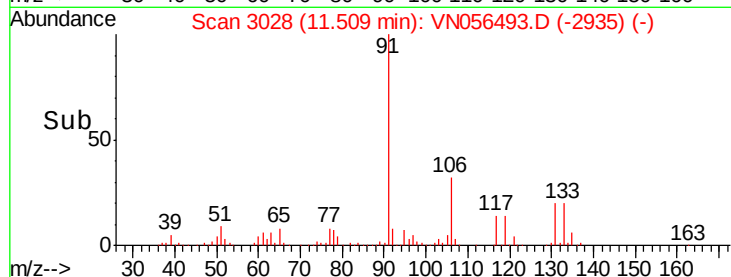
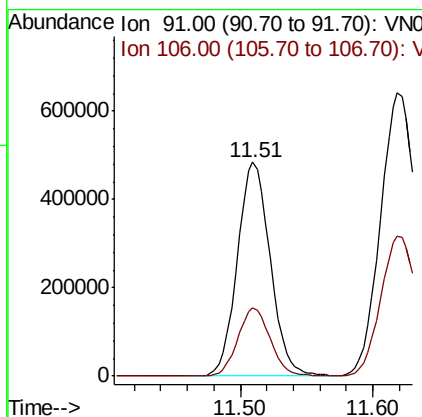
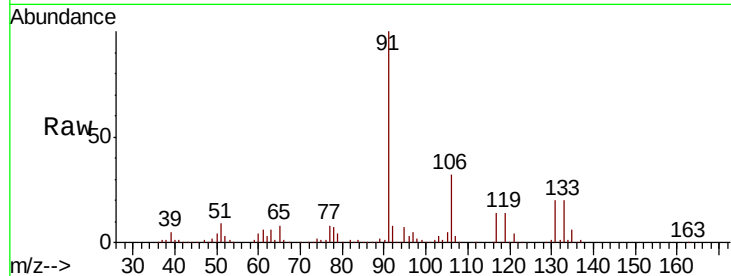




#67  
Ethyl Benzene  
Concen: 47.234 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

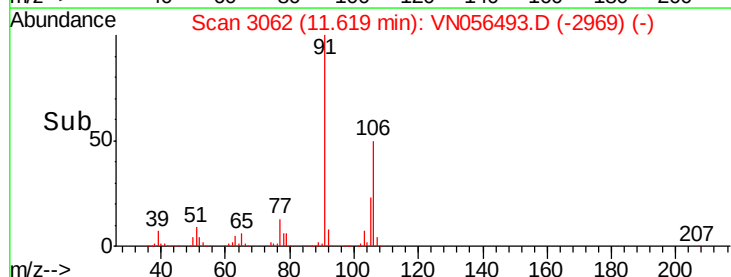
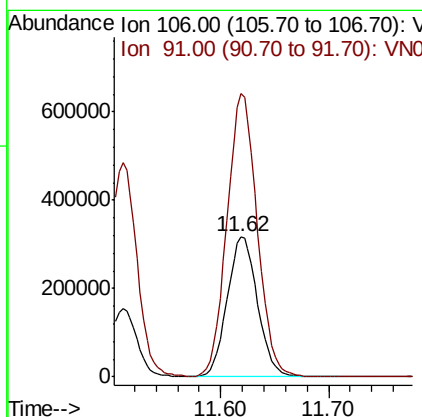
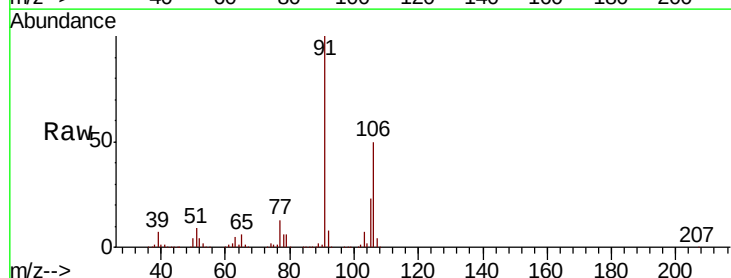
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

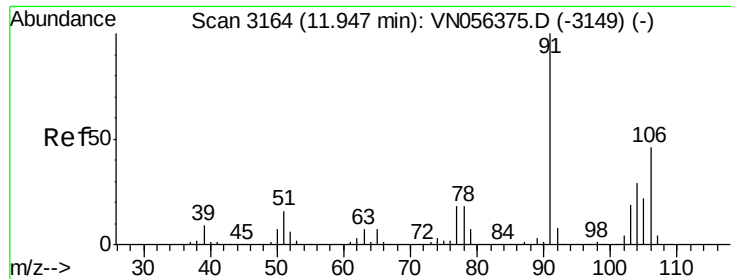
Tot Ion: 91 Resp: 836266  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.1 37.7



#68  
m/p-Xylenes  
Concen: 95.440 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Tgt Ion: 106 Resp: 619253  
Ion Ratio Lower Upper  
106 100  
91 201.6 160.1 240.1

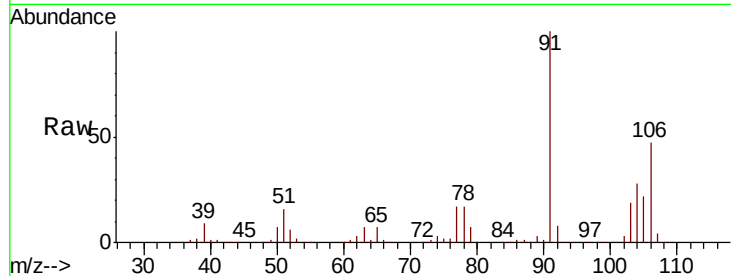




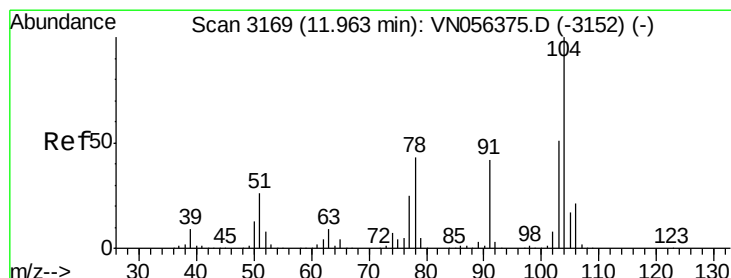
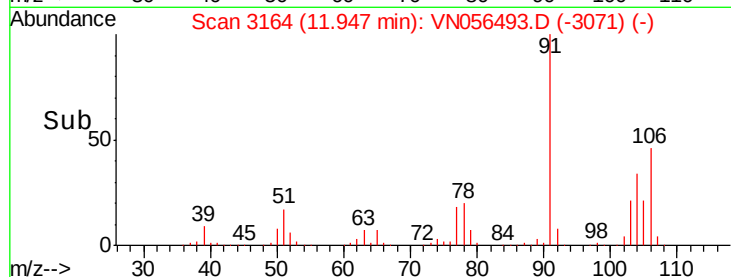
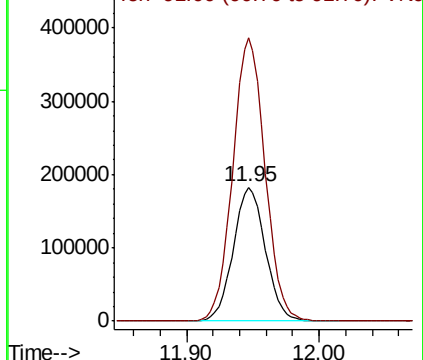
#69  
o-Xylene  
Concen: 47.812 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 306915  
Ion Ratio Lower Upper  
106 100  
91 212.1 107.1 321.3

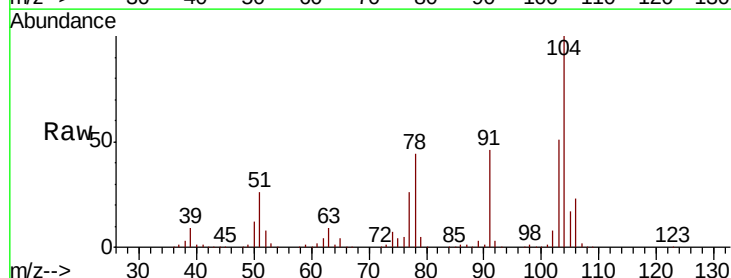


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

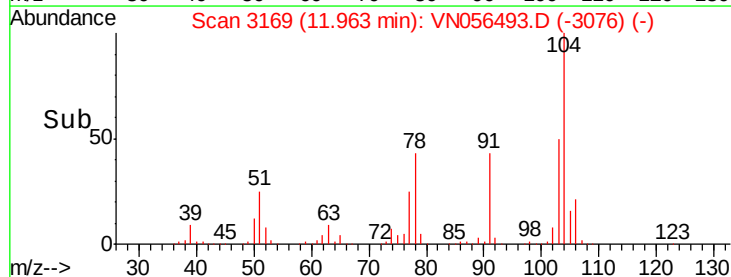
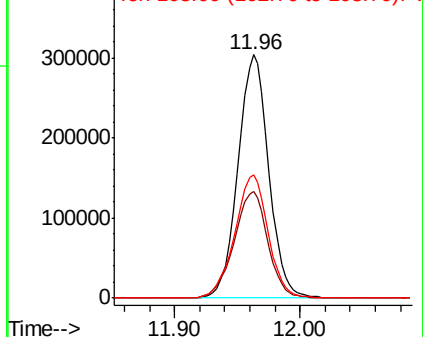


#70  
Styrene  
Concen: 50.430 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056493.D  
Acq: 25 Jun 2019 17:44

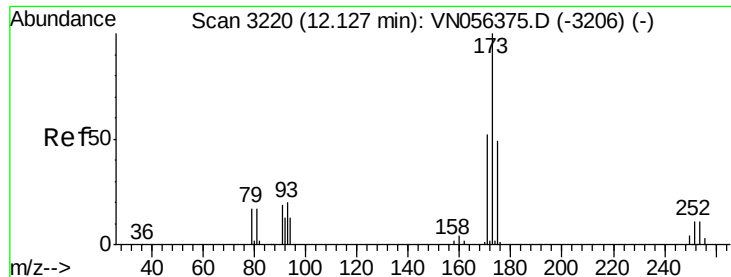
Tgt Ion:104 Resp: 517441  
Ion Ratio Lower Upper  
104 100  
78 48.1 38.6 57.8  
103 54.9 43.9 65.9



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







#71

Bromoform

Concen: 47.303 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

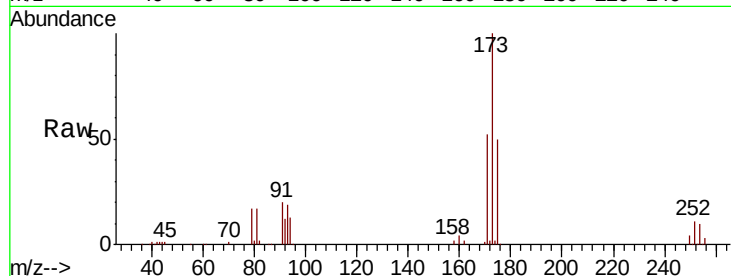
Tot Ion:173 Resp: 129551

Ion Ratio Lower Upper

173 100

175 49.7 24.4 73.4

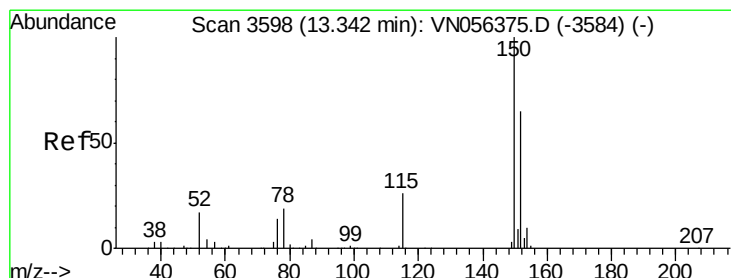
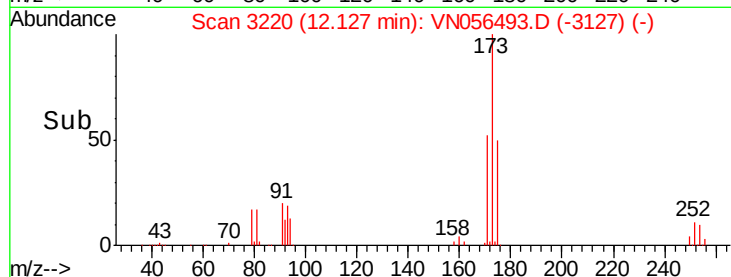
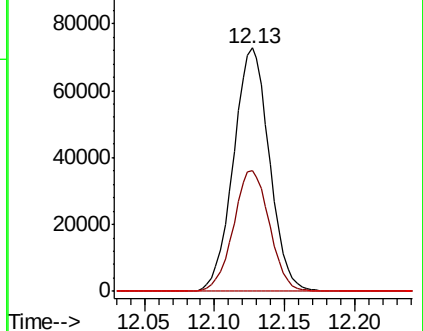
254 0.0 0.0 0.0#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

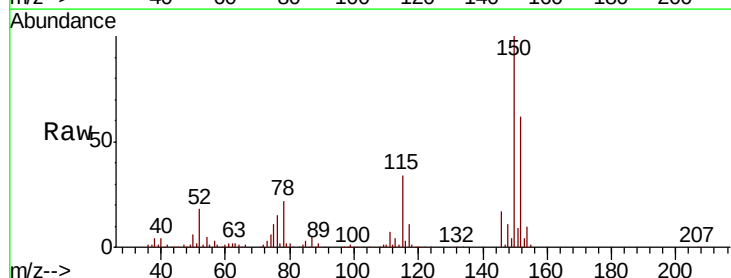
Tgt Ion:152 Resp: 209597

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.4

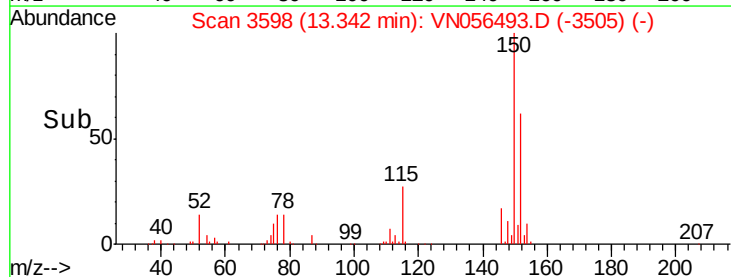
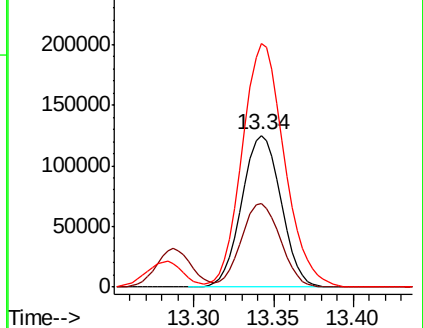
150 172.8 0.0 348.4

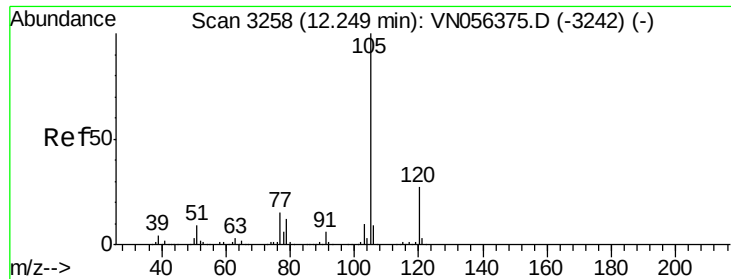


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.272 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

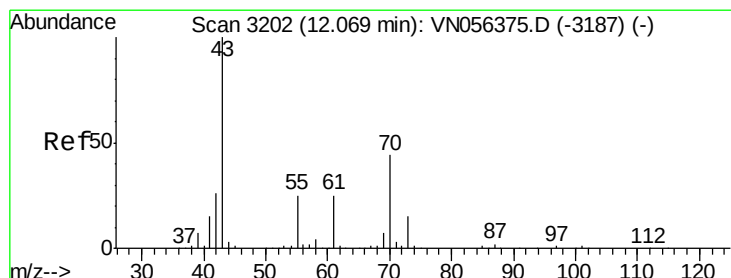
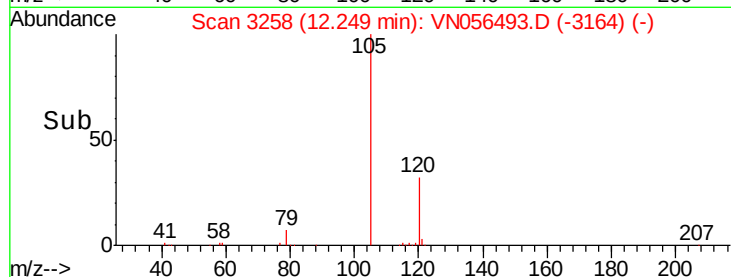
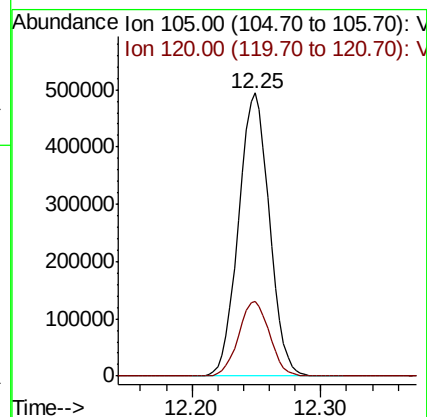
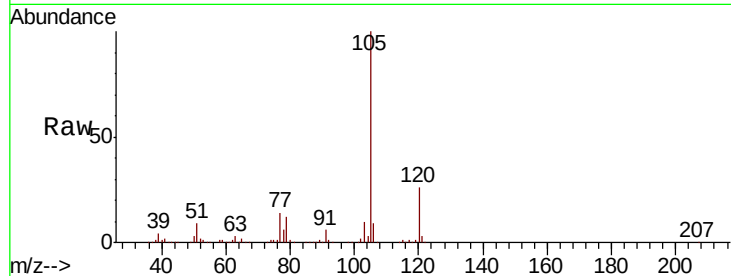
VSTDCCC050EC

Tot Ion:105 Resp: 820993

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 47.810 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Tgt Ion: 43 Resp: 318924

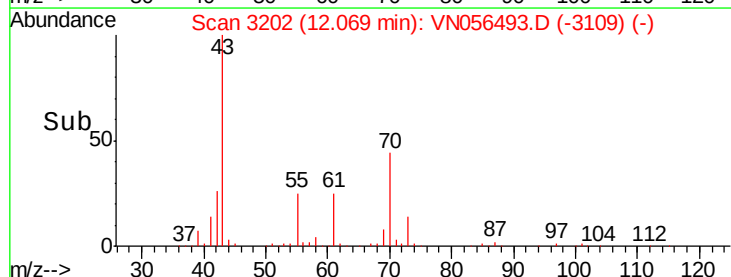
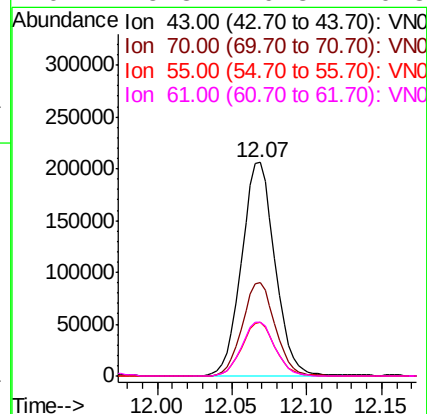
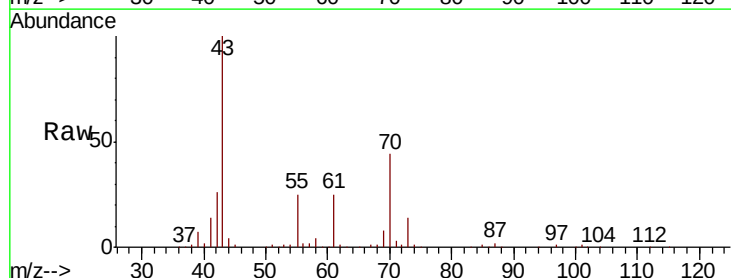
Ion Ratio Lower Upper

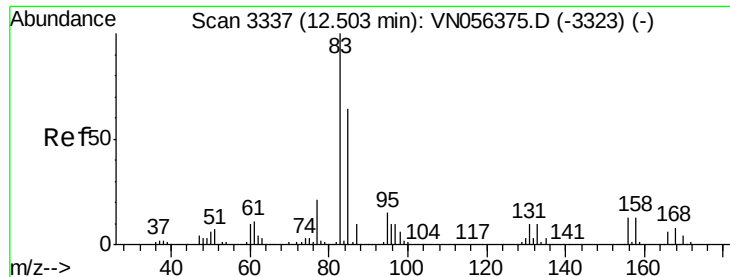
43 100

70 43.6 34.9 52.3

55 25.2 20.4 30.6

61 25.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.711 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

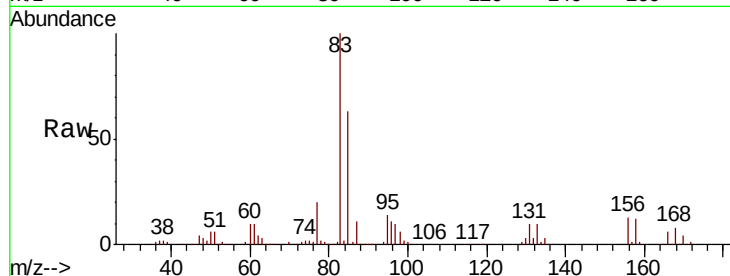
Tot Ion: 83 Resp: 260658

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

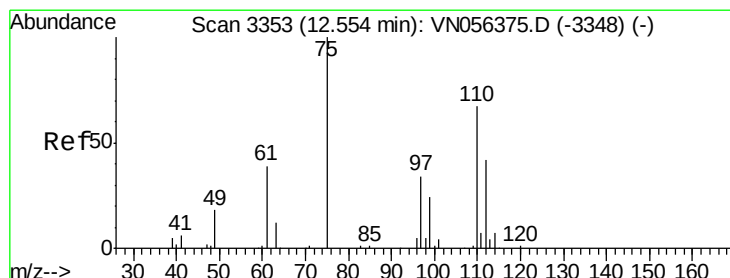
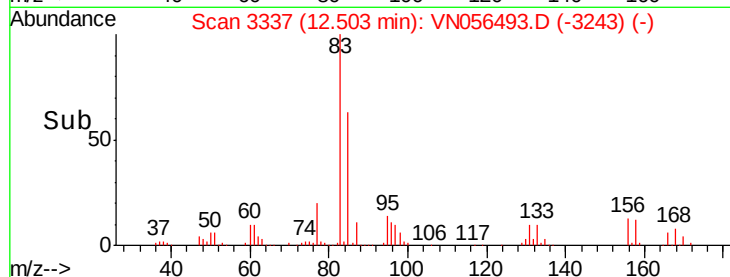
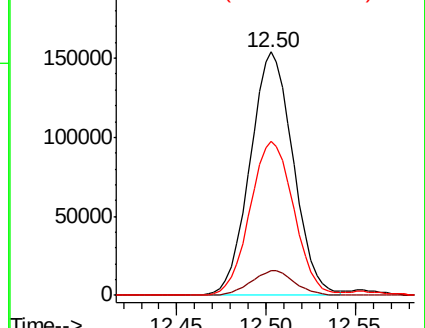
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056493.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056493.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056493.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 71.064 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056493.D

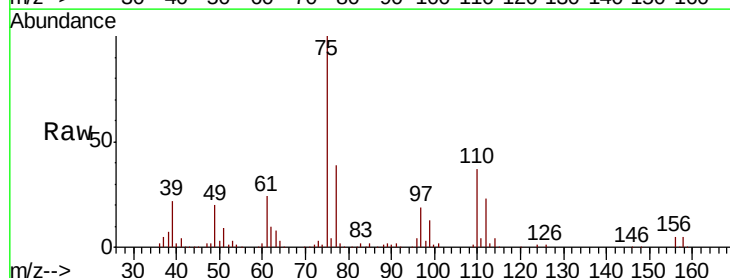
Acq: 25 Jun 2019 17:44

Tgt Ion: 75 Resp: 308846

Ion Ratio Lower Upper

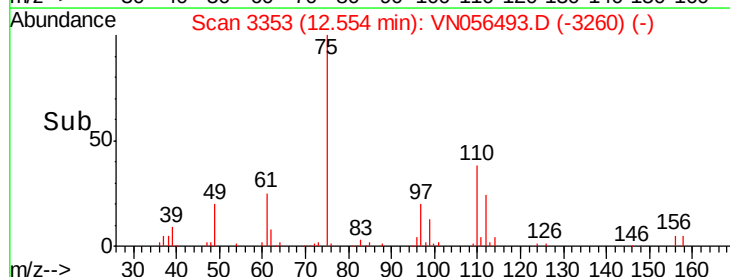
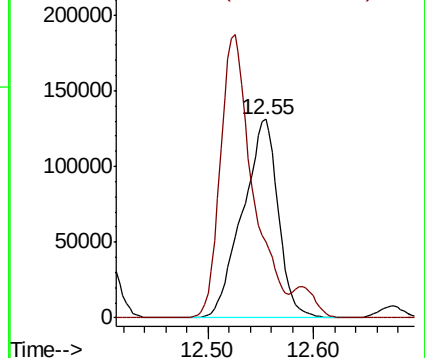
75 100

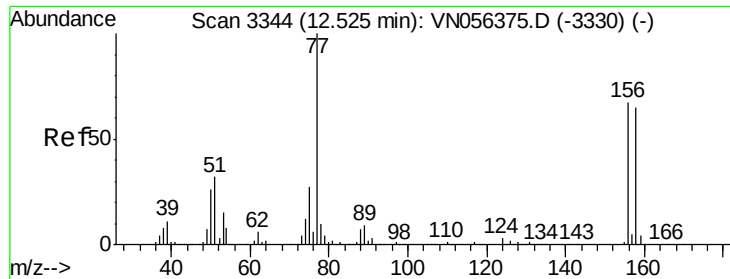
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056493.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN056493.D (-3260) (-)





#77

Bromobenzene

Concen: 45.411 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

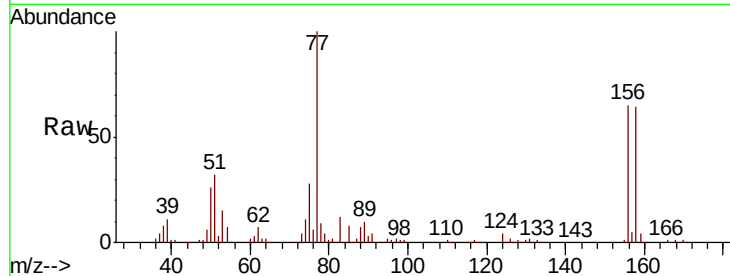
Tot Ion:156 Resp: 212821

Ion Ratio Lower Upper

156 100

77 188.1 92.5 277.3

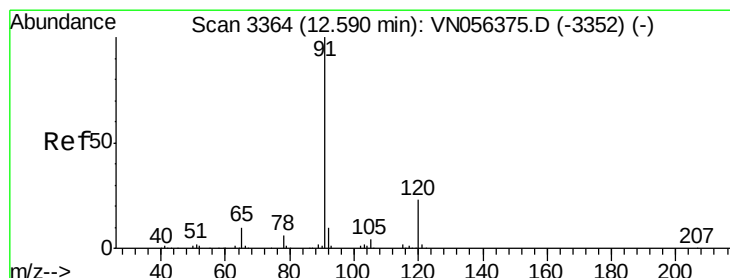
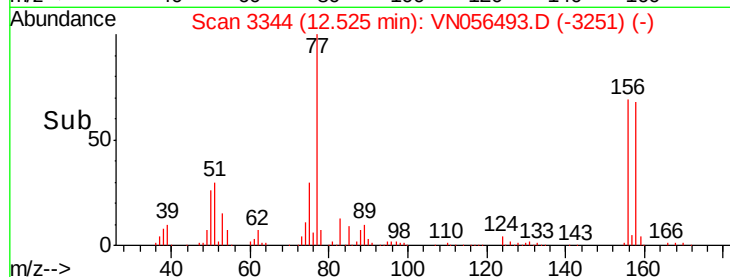
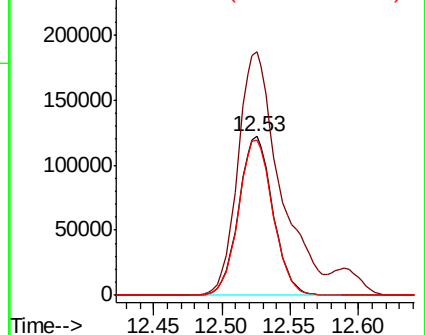
158 97.7 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.754 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056493.D

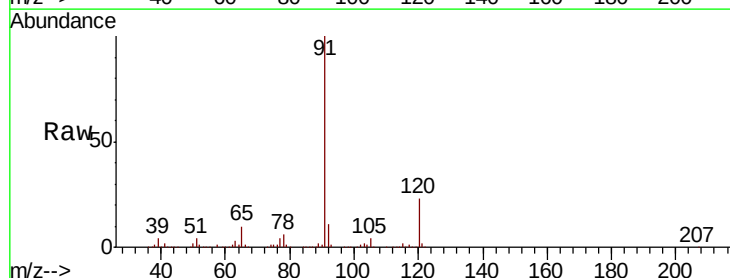
Acq: 25 Jun 2019 17:44

Tgt Ion: 91 Resp: 878202

Ion Ratio Lower Upper

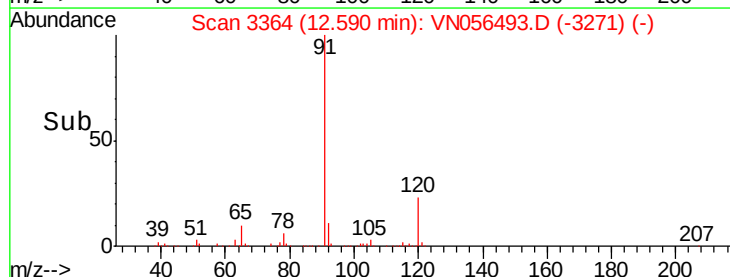
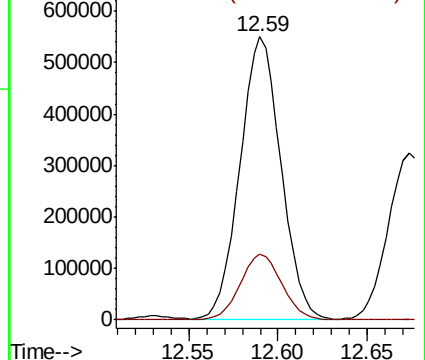
91 100

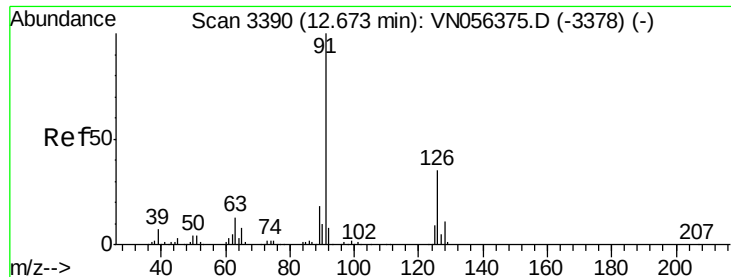
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.653 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

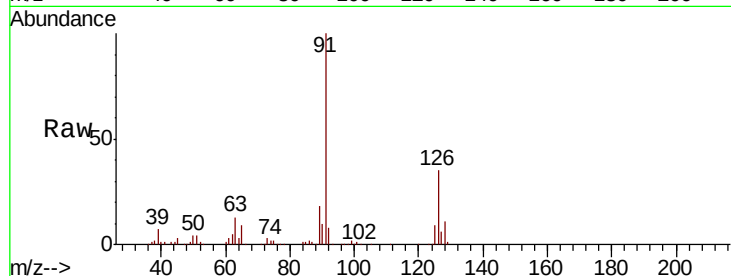
VSTDCCC050EC

Tot Ion: 91 Resp: 542760

Ion Ratio Lower Upper

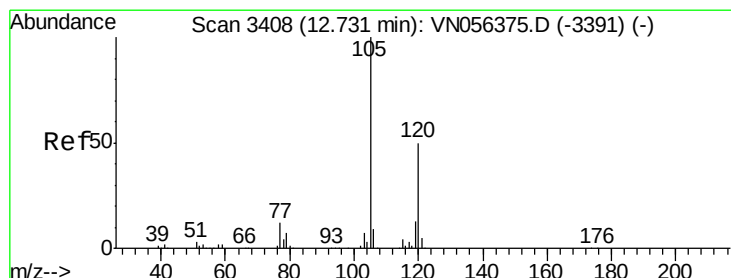
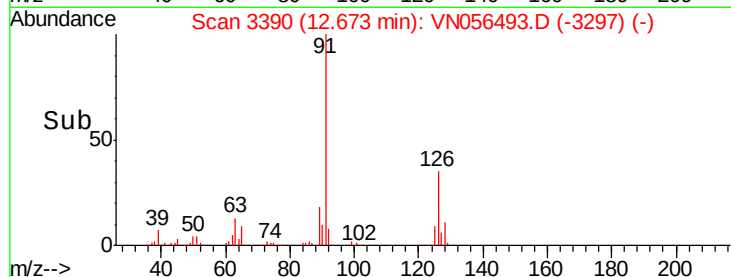
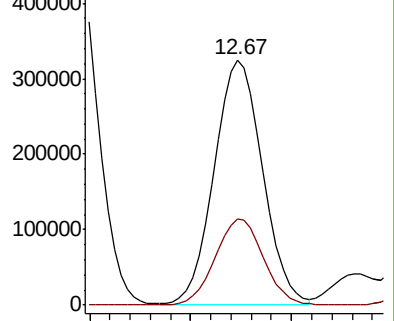
91 100

126 35.3 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.790 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056493.D

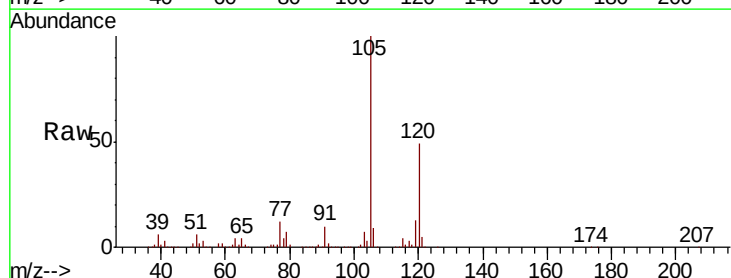
Acq: 25 Jun 2019 17:44

Tgt Ion:105 Resp: 669490

Ion Ratio Lower Upper

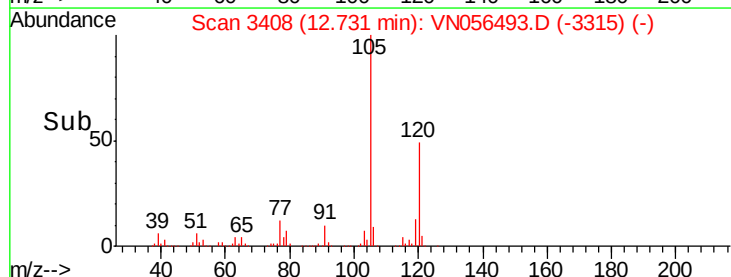
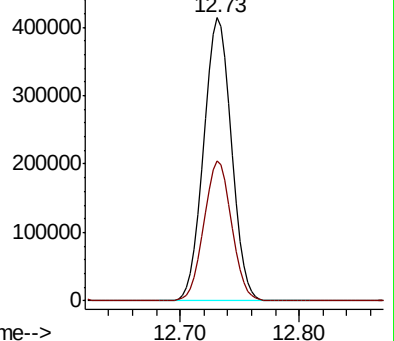
105 100

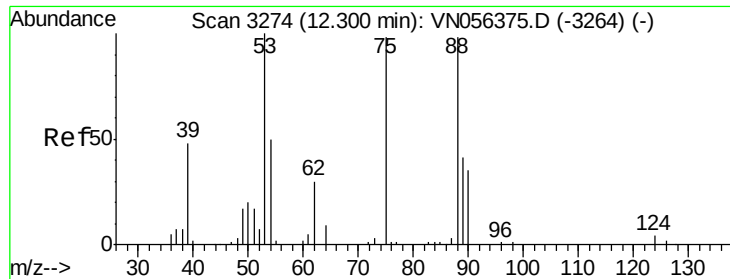
120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.480 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

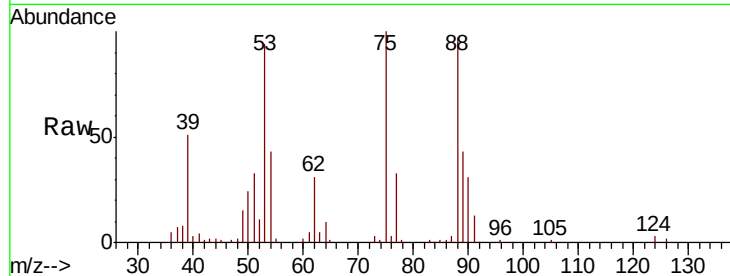
Tot Ion: 75 Resp: 66618

Ion Ratio Lower Upper

75 100

53 96.4 83.9 125.9

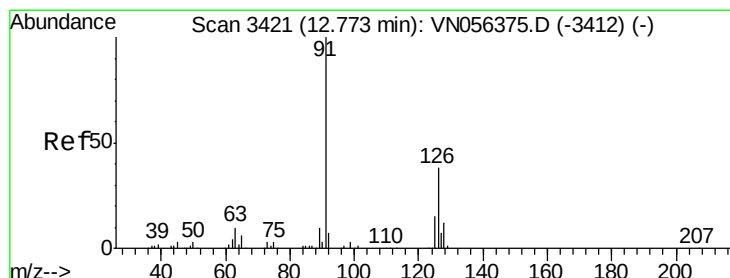
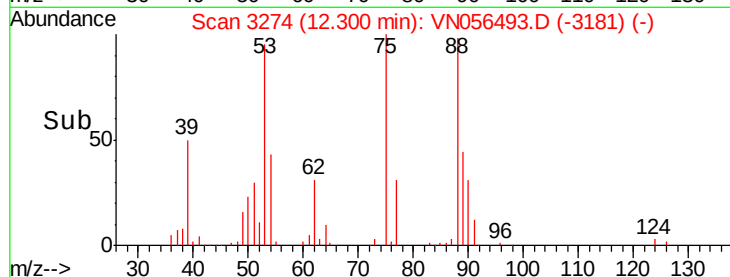
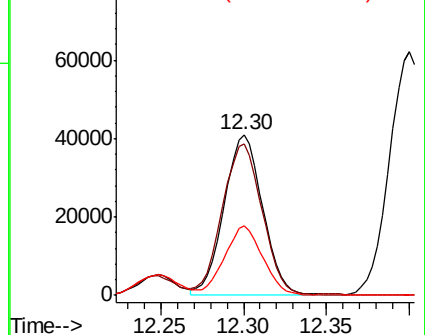
89 42.9 35.0 52.6



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: 45.748 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056493.D

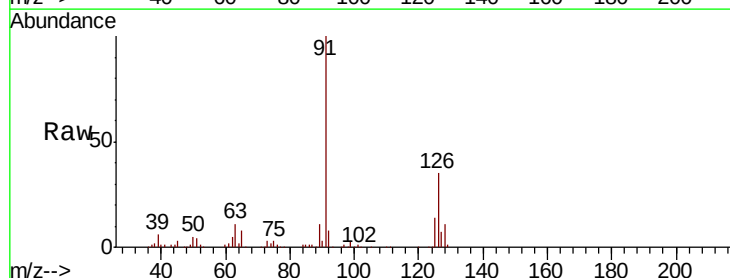
Acq: 25 Jun 2019 17:44

Tgt Ion: 91 Resp: 518465

Ion Ratio Lower Upper

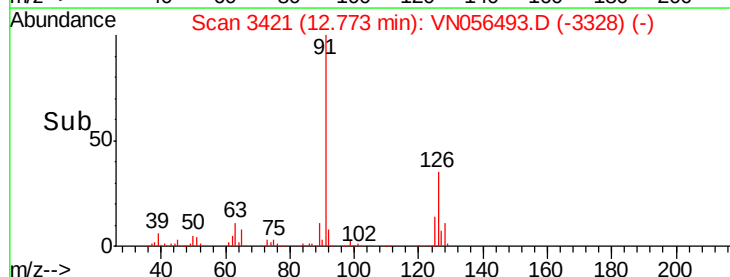
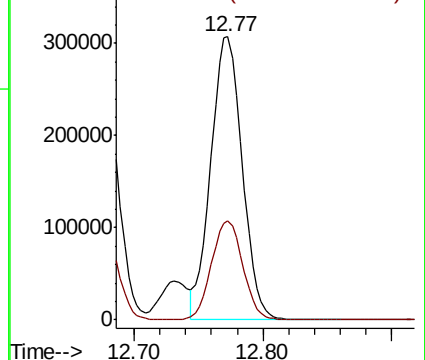
91 100

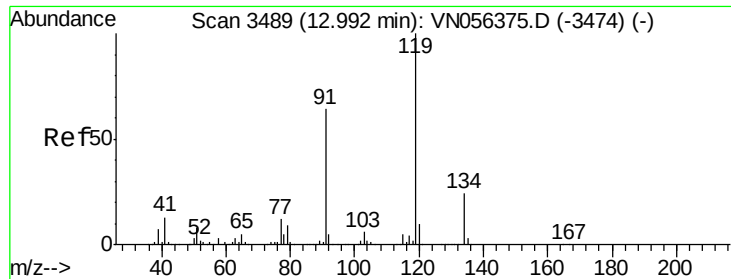
126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

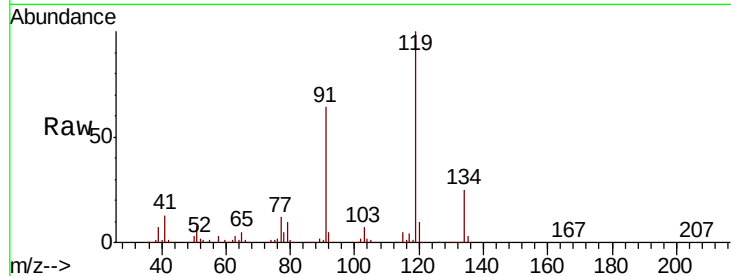




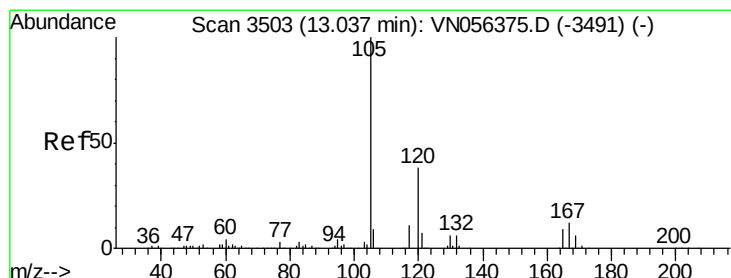
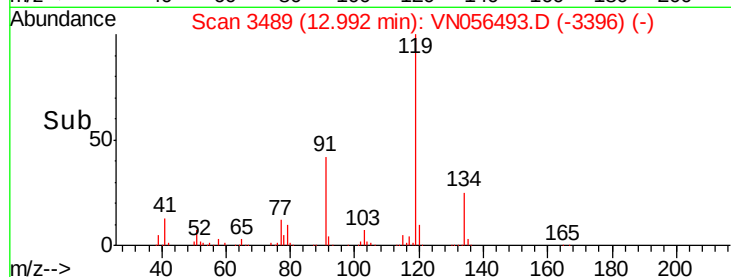
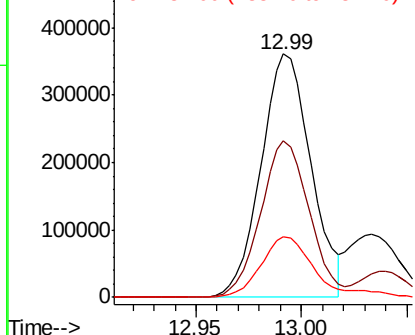
#83  
 tert-Butylbenzene  
 Concen: 51.898 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:119 Resp: 595318  
 Ion Ratio Lower Upper  
 119 100  
 91 62.5 31.6 94.7  
 134 27.1 13.2 39.5

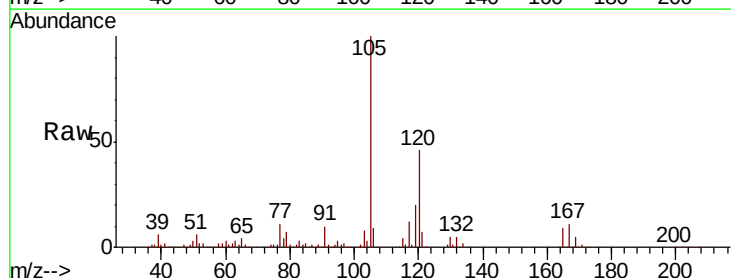


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

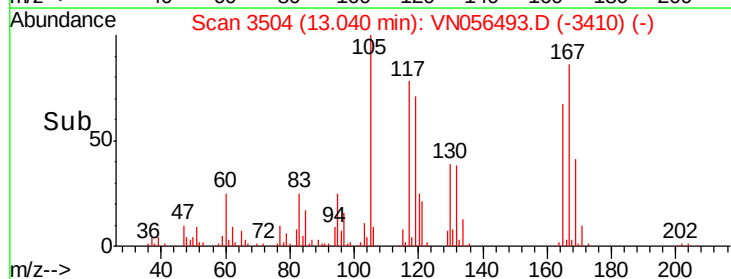
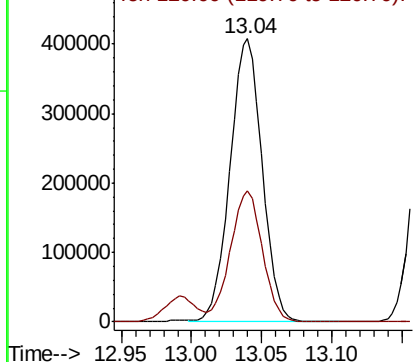


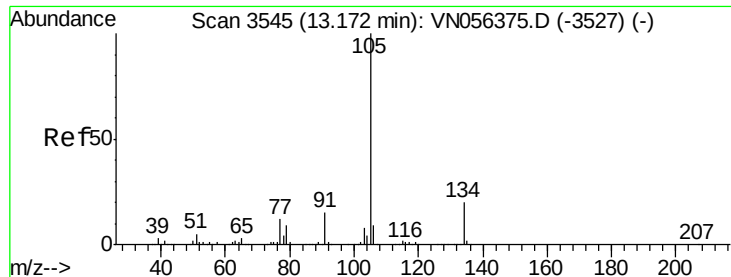
#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.043 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion:105 Resp: 649662  
 Ion Ratio Lower Upper  
 105 100  
 120 46.1 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 45.636 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

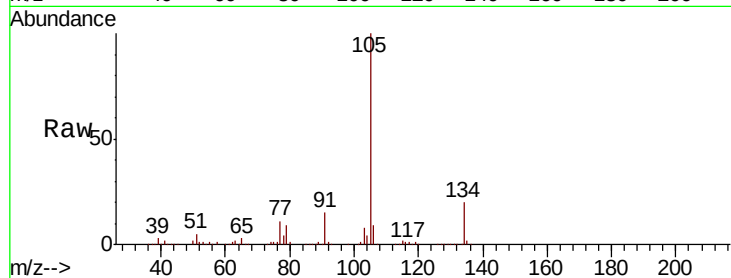
VSTDCCC050EC

Tot Ion:105 Resp: 769904

Ion Ratio Lower Upper

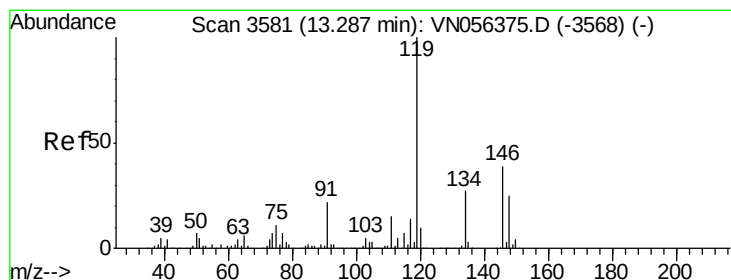
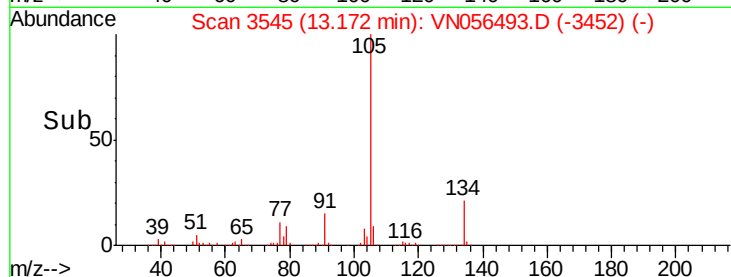
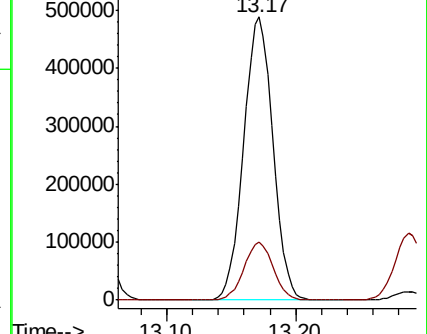
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.368 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

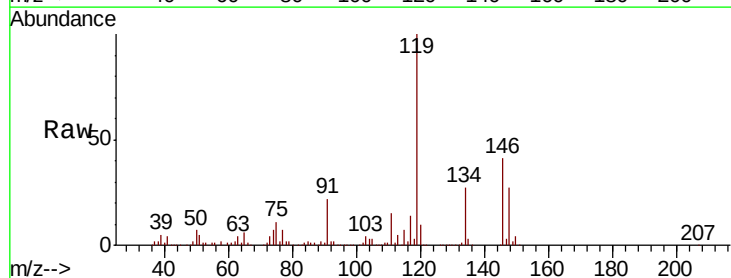
Tgt Ion:119 Resp: 671326

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

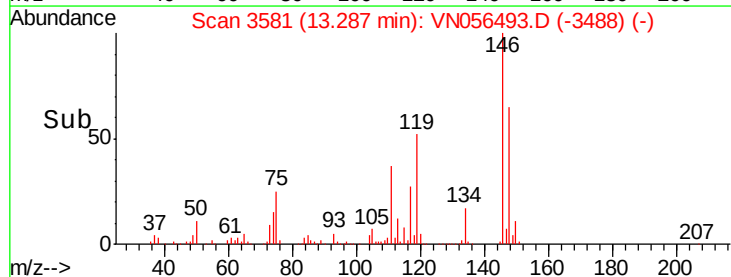
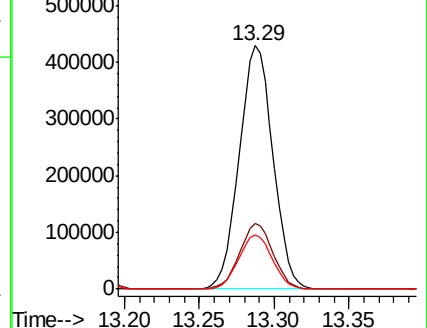
91 22.4 11.2 33.5



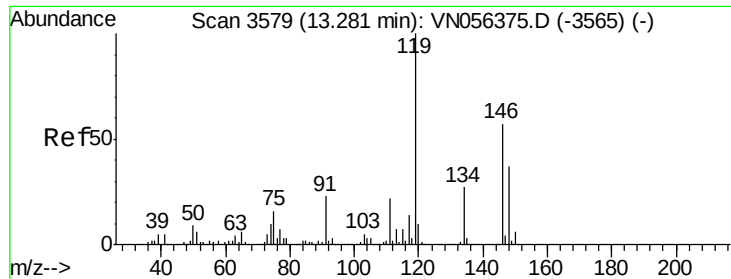
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



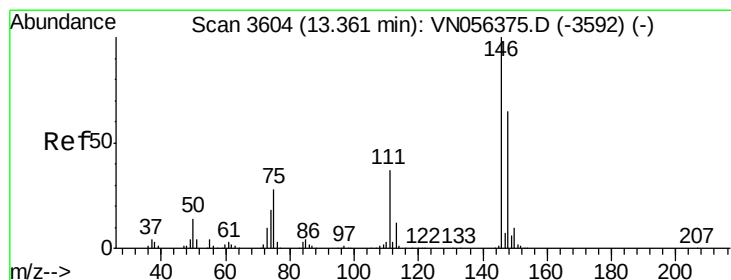
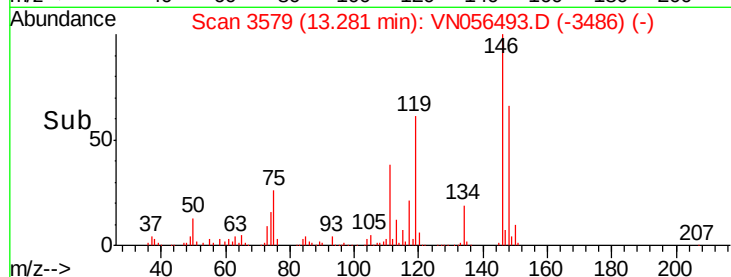
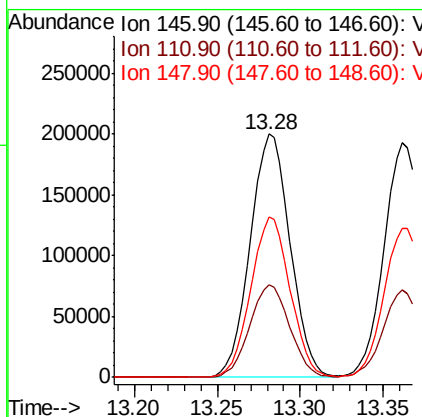
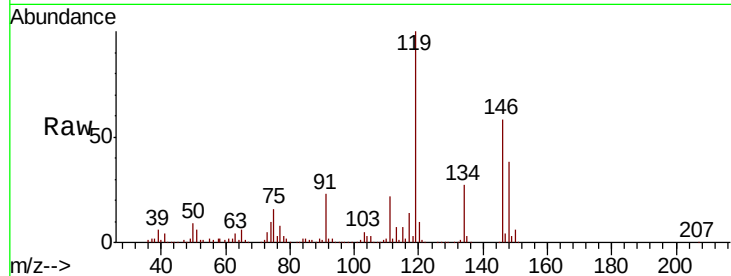




#87  
 1,3-Dichlorobenzene  
 Concen: 47.127 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

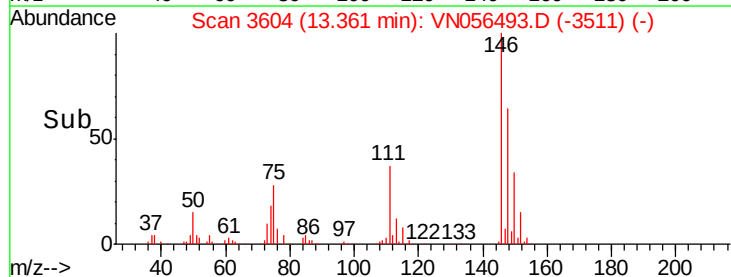
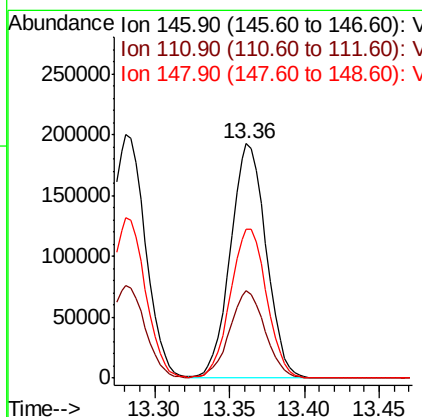
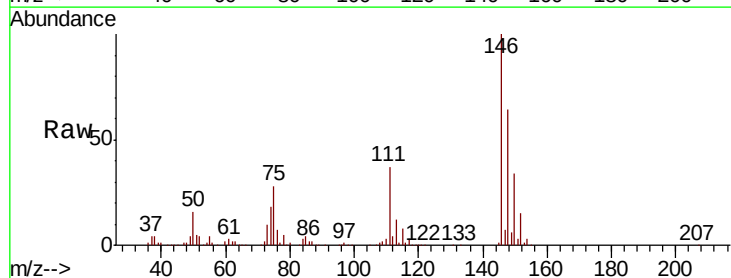
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

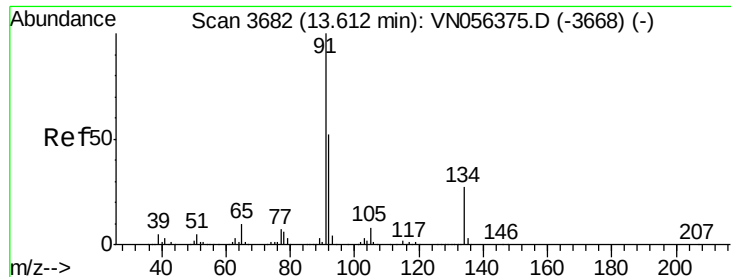
Tot Ion:146 Resp: 334711  
 Ion Ratio Lower Upper  
 146 100  
 111 38.0 18.9 56.9  
 148 64.8 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 46.446 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion:146 Resp: 319480  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 18.4 55.4  
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 45.432 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

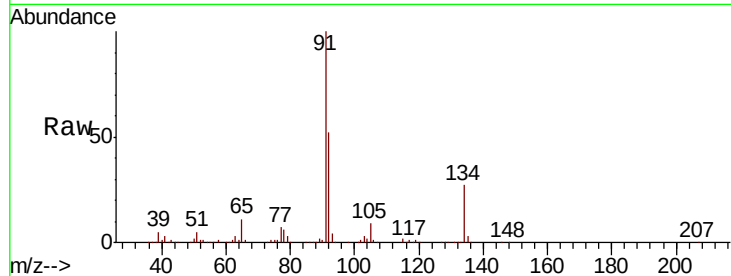
Tot Ion: 91 Resp: 497957

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

134 26.8 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

13.61

300000

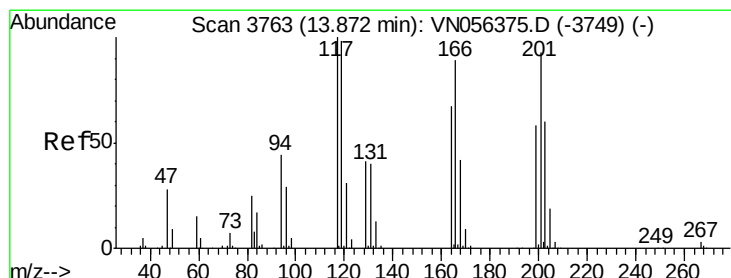
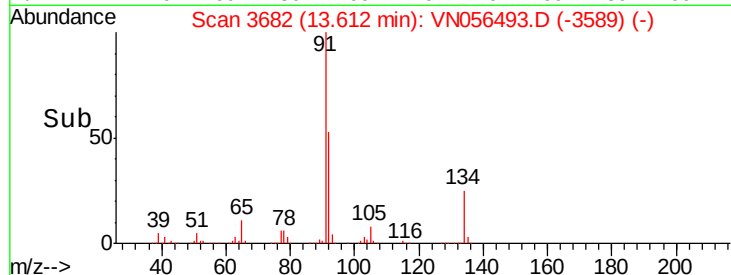
200000

100000

0

13.55 13.60 13.65 13.70

Time-->



#90

Hexachloroethane

Concen: 50.265 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056493.D

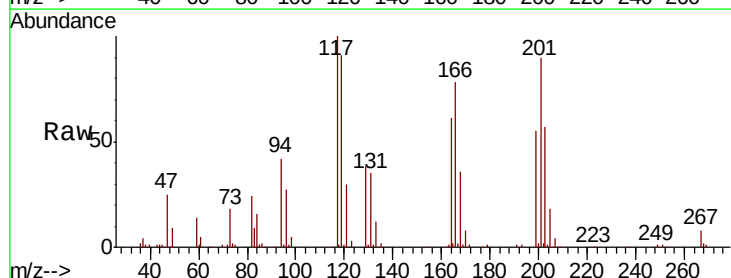
Acq: 25 Jun 2019 17:44

Tgt Ion: 117 Resp: 113459

Ion Ratio Lower Upper

117 100

201 90.8 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

80000

60000

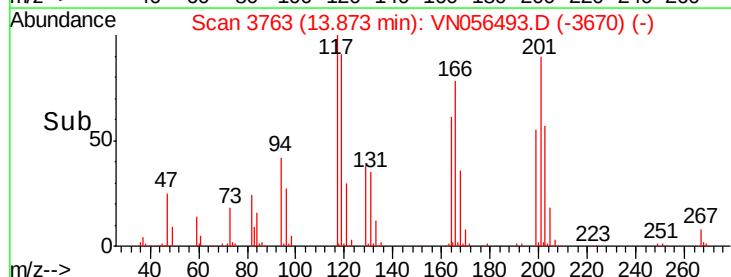
40000

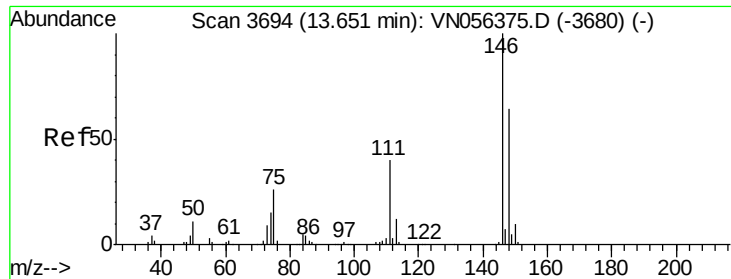
20000

0

13.80 13.85 13.90

Time-->

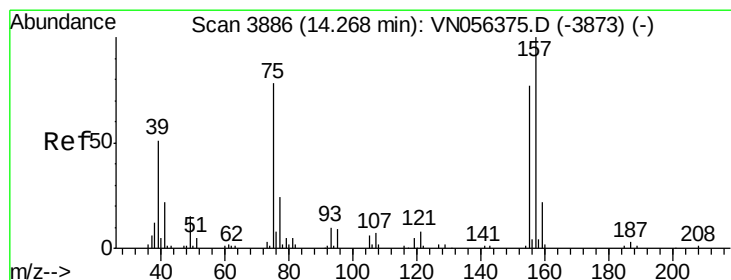
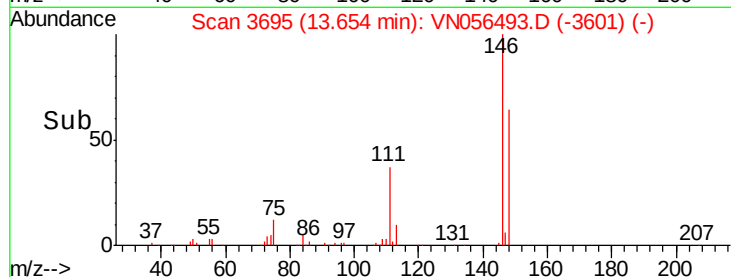
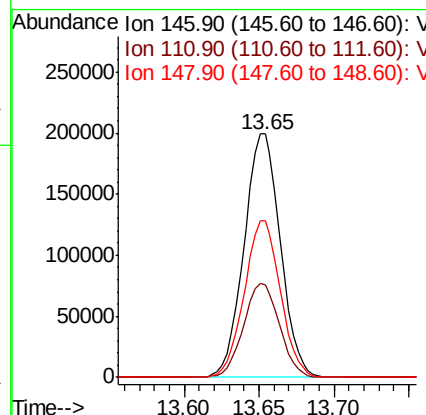
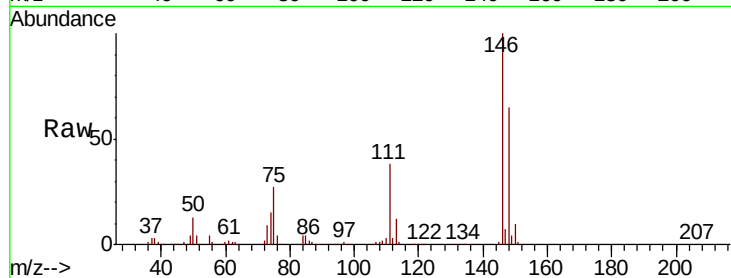




#91  
 1,2-Dichlorobenzene  
 Concen: 47.813 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

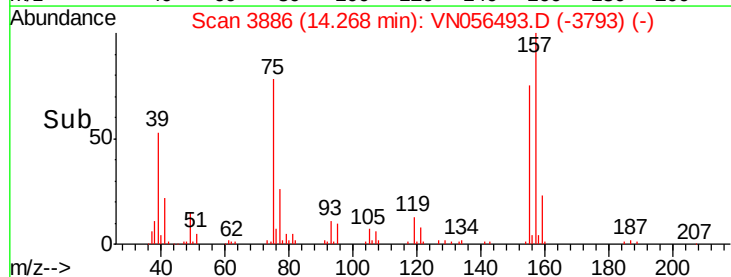
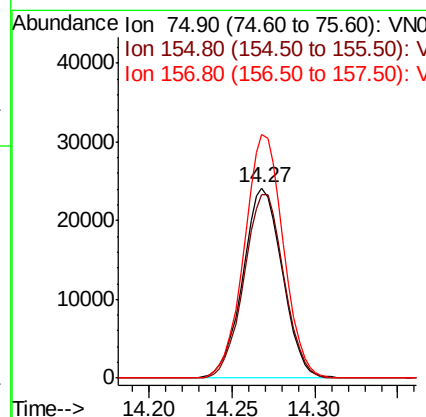
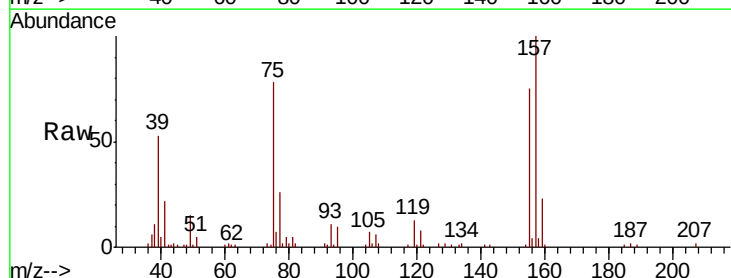
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

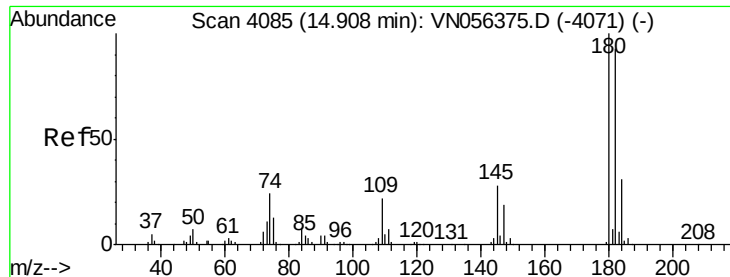
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.3  | 57.9  |
| 148     | 63.9  | 32.0  | 96.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.566 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.5  | 48.9  | 146.8 |
| 157     | 126.4 | 62.9  | 188.8 |

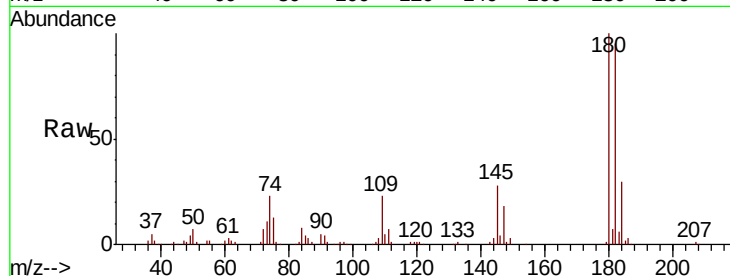




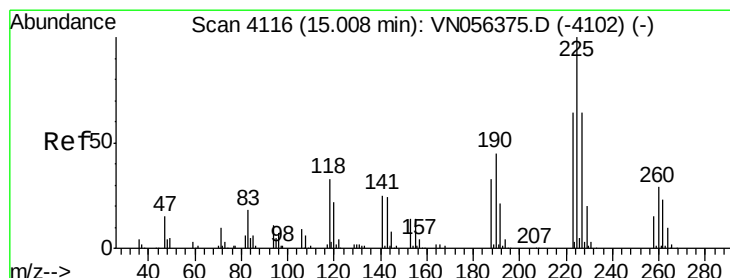
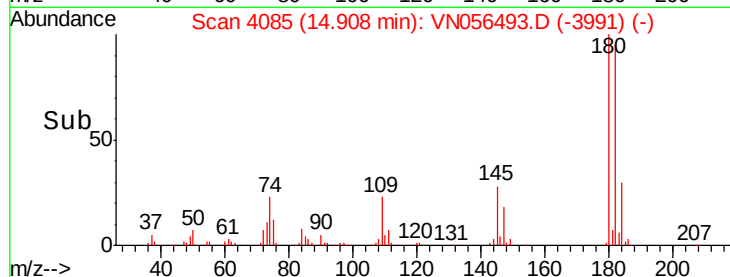
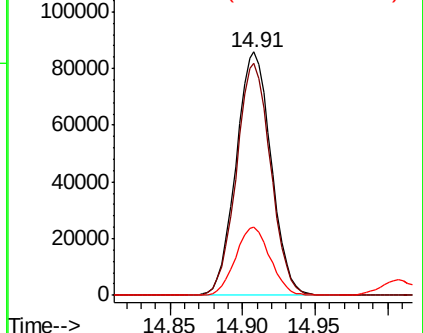
#93  
 1,2,4-Trichlorobenzene  
 Concen: 40.446 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 143985  
 Ion Ratio Lower Upper  
 180 100  
 182 93.3 46.9 140.6  
 145 27.7 14.4 43.0

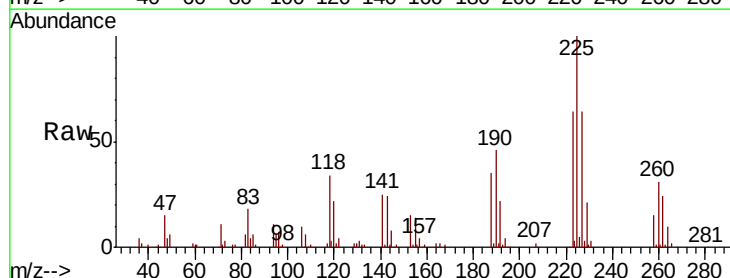


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

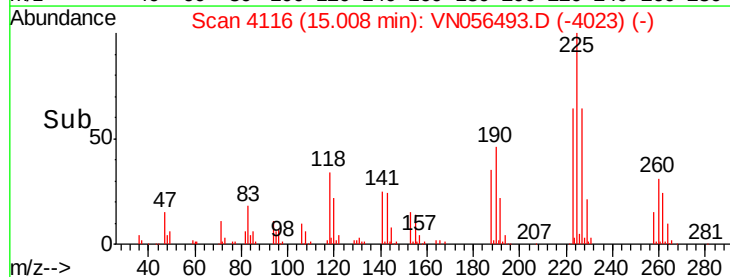
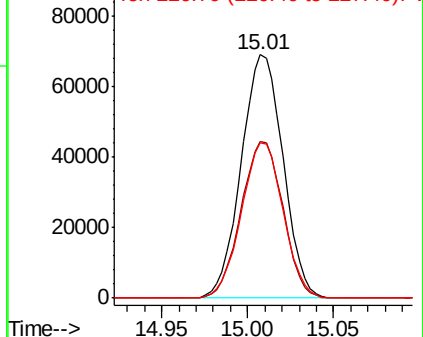


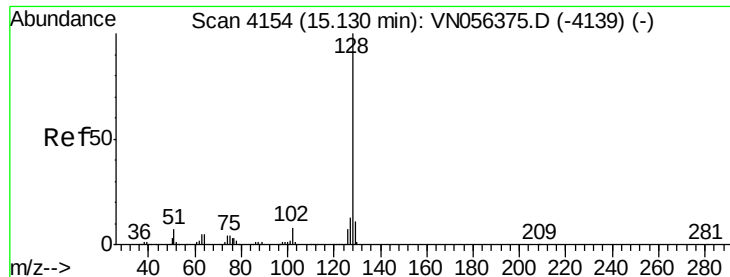
#94  
 Hexachlorobutadiene  
 Concen: 48.864 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056493.D  
 Acq: 25 Jun 2019 17:44

Tgt Ion:225 Resp: 116789  
 Ion Ratio Lower Upper  
 225 100  
 223 64.4 31.4 94.3  
 227 63.6 32.1 96.3



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: 42.720 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

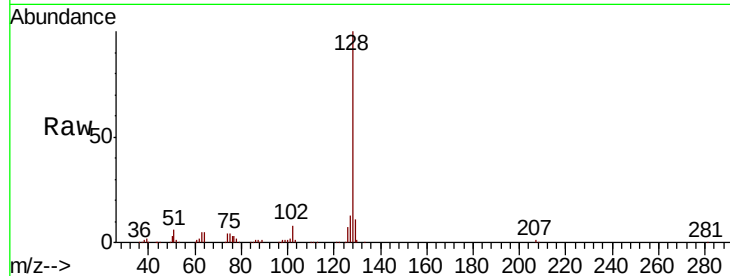
Tot Ion:128 Resp: 401520

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.1 8.6 12.8

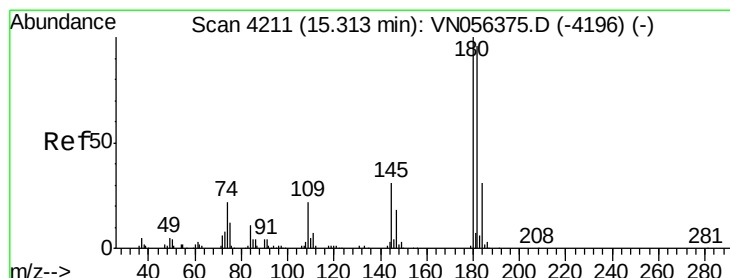
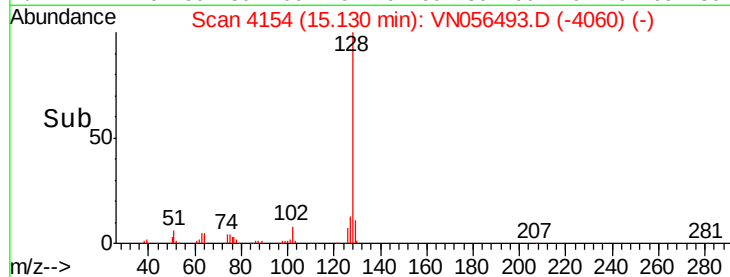
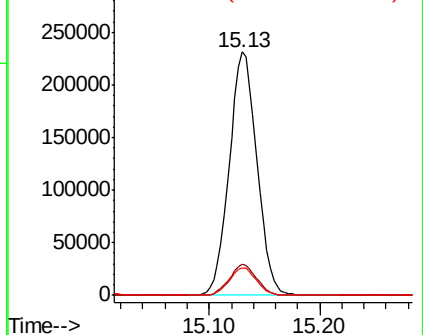


Abundance

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: 42.384 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056493.D

Acq: 25 Jun 2019 17:44

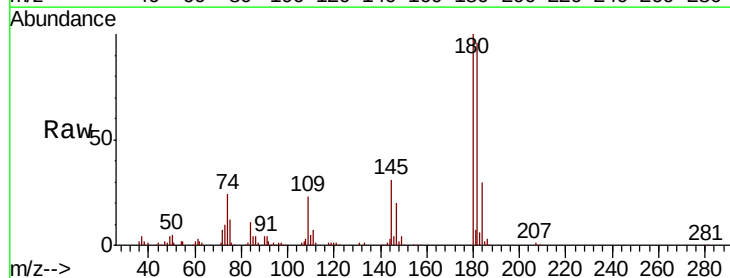
Tgt Ion:180 Resp: 158306

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.8

145 31.3 15.4 46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

