

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\  
 Data File : VN056491.D  
 Acq On : 25 Jun 2019 16:58  
 Operator : JC/SP  
 Sample : K3519-06MS  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

Quant Time: Jun 26 03:43:43 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      | 7.66  | 168  | 346158   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 539030   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 476056   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 204399   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.02   | 65  | 202798   | 52.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.72% |      |
| 35) Dibromofluoromethane    | 7.59   | 113 | 179505   | 53.38 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.76% |      |
| 50) Toluene-d8              | 10.09  | 98  | 662037   | 50.60 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.20% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 231894   | 53.16 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.32% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 138476  | 47.244  | ug/l | 100    |
| 3) Chloromethane              | 2.06 | 50  | 177915  | 44.579  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.18 | 62  | 181613  | 47.115  | ug/l | 100    |
| 5) Bromomethane               | 2.52 | 94  | 104332  | 46.169  | ug/l | 100    |
| 6) Chloroethane               | 2.67 | 64  | 105001  | 47.037  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 241973  | 48.528  | ug/l | 97     |
| 8) Diethyl Ether              | 3.41 | 74  | 105032  | 49.772  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 153957  | 48.417  | ug/l | 100    |
| 10) Methyl Iodide             | 3.94 | 142 | 217540  | 50.618  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.80 | 59  | 190826  | 295.321 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 148978  | 48.719  | ug/l | 97     |
| 13) Acrolein                  | 3.60 | 56  | 114419  | 210.098 | ug/l | 100    |
| 14) Allyl chloride            | 4.32 | 41  | 262169  | 51.504  | ug/l | 99     |
| 15) Acrylonitrile             | 4.99 | 53  | 486383  | 272.085 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 376838  | 196.051 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.05 | 76  | 300360  | 43.185  | ug/l | 100    |
| 18) Methyl Acetate            | 4.32 | 43  | 199732  | 53.108  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.04 | 73  | 527566  | 52.139  | ug/l | 100    |
| 20) Methylene Chloride        | 4.55 | 84  | 183611  | 50.684  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 162365  | 49.248  | ug/l | 95     |
| 22) Diisopropyl ether         | 5.95 | 45  | 555755  | 51.987  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.89 | 43  | 2341411 | 277.689 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 313010  | 51.007  | ug/l | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 642650  | 252.617 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 225159  | 52.755  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 199530  | 51.729  | ug/l | 100    |
| 28) Bromochloromethane        | 7.19 | 49  | 156887  | 51.687  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 430404  | 276.853 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 315008  | 52.022  | ug/l | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 268179  | 45.267  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 248520  | 51.778  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 222883  | 46.978  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 251603  | 53.963  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 205458  | 49.521  | ug/l | 98     |

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 Sample : K3519-06MS  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

Quant Time: Jun 26 03:43:43 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   | 266149   | 45.463   | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 713567   | 48.895   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 96352    | 46.798   | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 233993   | 48.584   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 410019   | 57.030   | ug/l   | 98       |
| 44) Trichloroethene            | 8.83  | 130  | 189968   | 48.323   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 198274   | 50.801   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 124254   | 50.886   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 231592   | 53.476   | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.20  | 41   | 186533   | 51.774   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.20  | 88   | 83261    | 1113.616 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1266361  | 272.900  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 438164   | 49.108   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 248788   | 49.362   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 284817   | 54.613   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 186171   | 51.910   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 285419   | 54.456   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 311725   | 51.739   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.72  | 63   | 457      | 0.243    | ug/l # | 48       |
| 59) 2-Hexanone                 | 10.75 | 43   | 878925   | 257.710  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 183385   | 49.759   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 191096   | 52.170   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 179485   | 47.609   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 482580   | 50.449   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 176157   | 54.488   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 832292   | 49.553   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 628644   | 102.130  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 308882   | 50.722   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 515893   | 53.000   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 130290   | 49.958   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 825328   | 53.972   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 319249   | 49.076   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 266574   | 56.486   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 313436   | 73.954   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 214902   | 47.021   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 881404   | 47.089   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 542216   | 52.979   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 672646   | 52.399   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 67347    | 56.476   | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 522296   | 47.258   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 599810   | 53.716   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 644340   | 46.827   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 760555   | 46.229   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 671120   | 47.532   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 337895   | 48.785   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 324674   | 48.402   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 498514   | 46.640   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 110275   | 50.097   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 339423   | 49.394   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 41012    | 54.227   | ug/l   | 97       |

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Sample : K3519-06MS  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

Quant Time: Jun 26 03:43:43 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

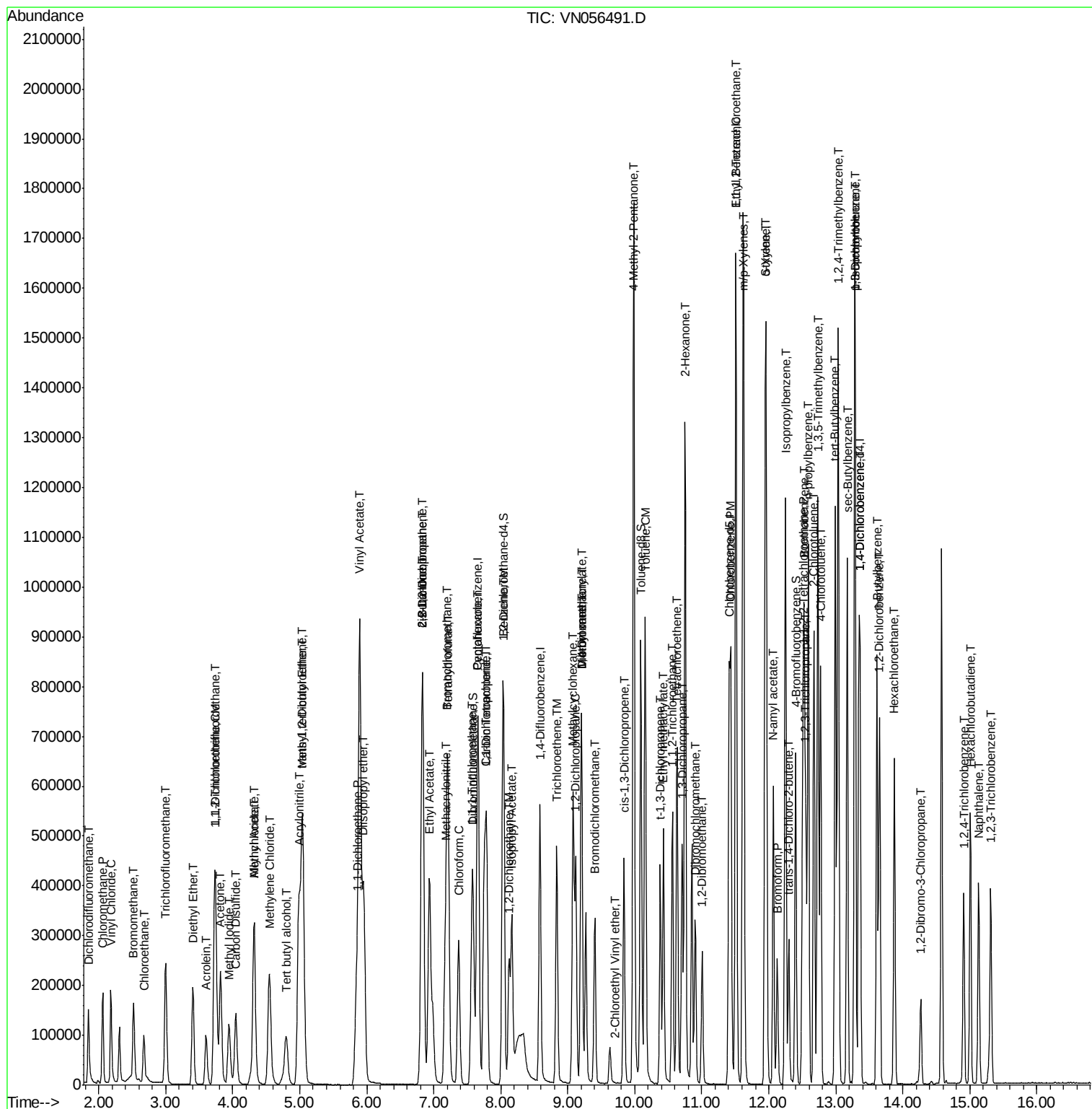
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 133131   | 38.639 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 118301   | 50.831 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 366487   | 40.320 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 146685   | 40.495 | ug/l  | 98       |

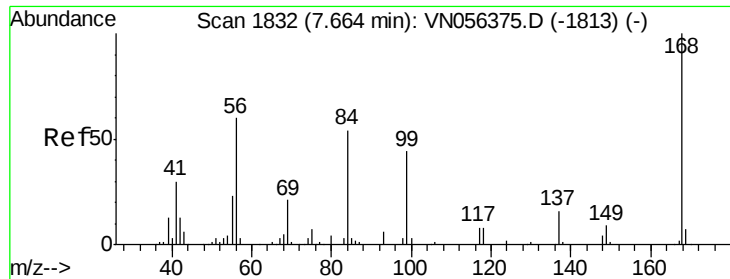
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062519\  
Data File : VN056491.D  
Acq On : 25 Jun 2019 16:58  
Operator : JC/SP  
Sample : K3519-06MS  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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SP-19-LF2MW2MS

Quant Time: Jun 26 03:43:43 2019  
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Quant Title : SW846 8260  
QLast Update : Fri Jun 21 03:45:40 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

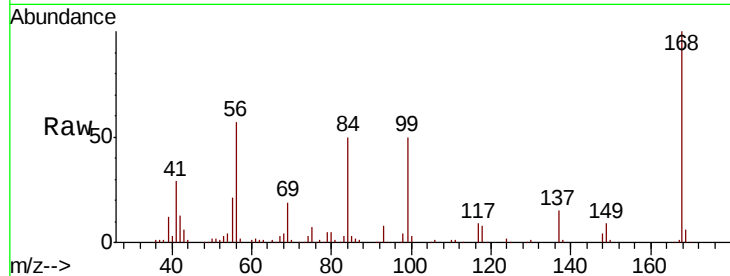
SP-19-LF2MW2MS

Tot Ion:168 Resp: 346158

Ion Ratio Lower Upper

168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

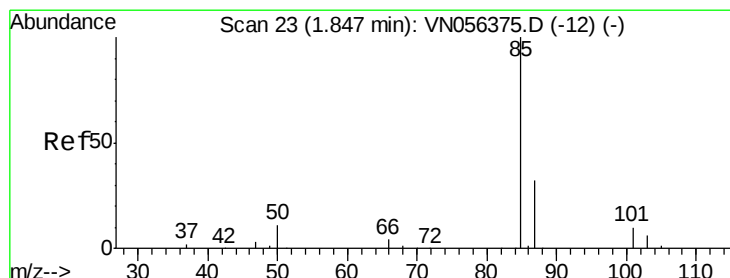
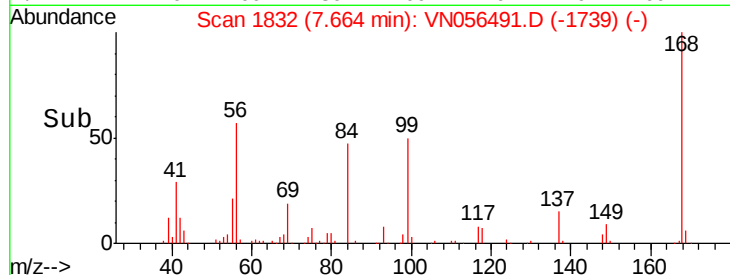
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.244 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056491.D

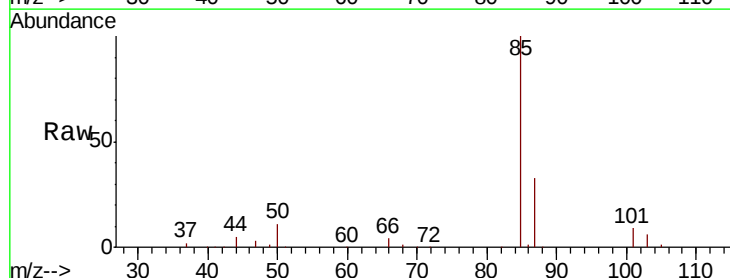
Acq: 25 Jun 2019 16:58

Tgt Ion: 85 Resp: 138476

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

100000

80000

60000

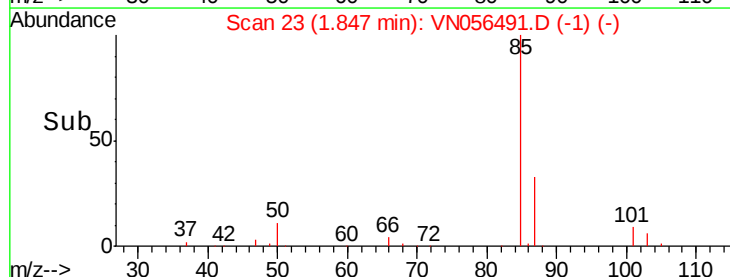
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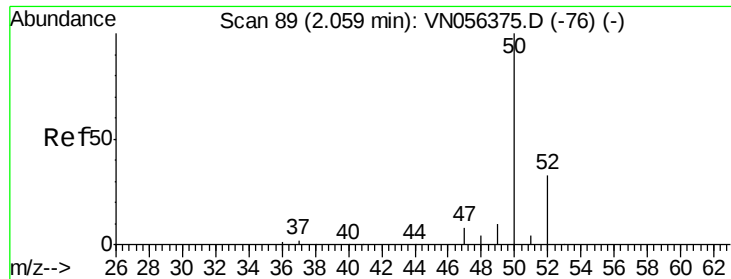
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.579 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

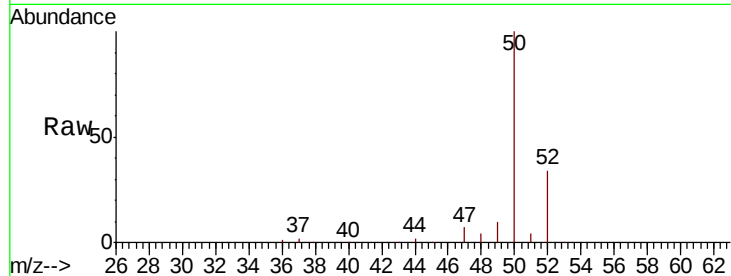
SP-19-LF2MW2MS

Tot Ion: 50 Resp: 177915

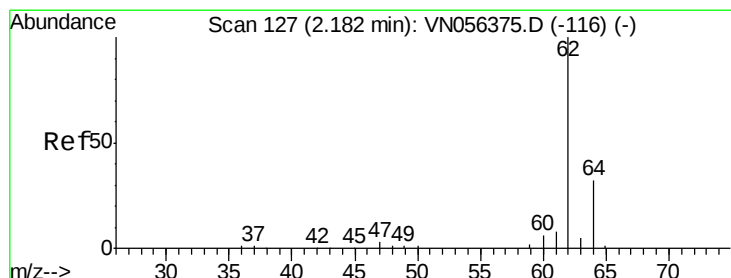
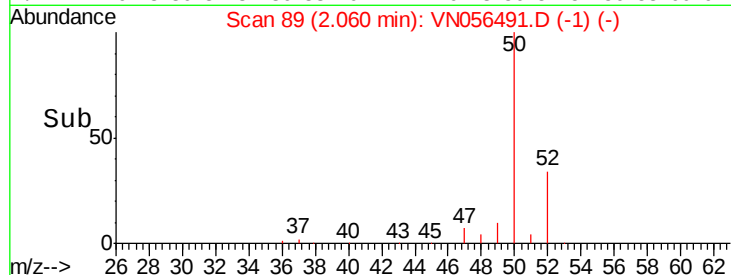
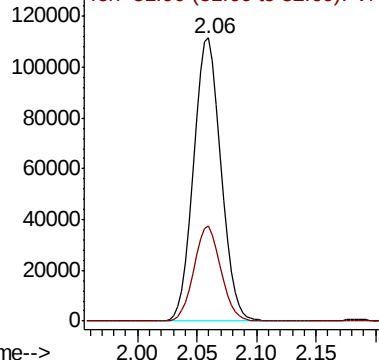
Ion Ratio Lower Upper

50 100

52 33.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNO  
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 47.115 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056491.D

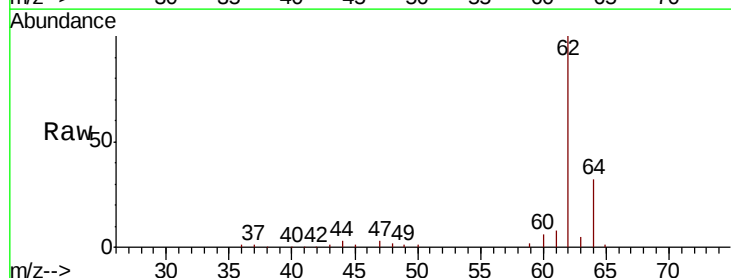
Acq: 25 Jun 2019 16:58

Tgt Ion: 62 Resp: 181613

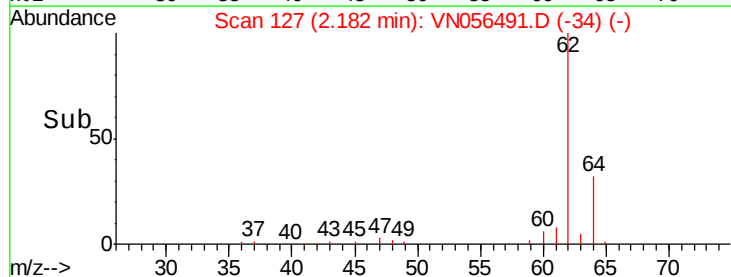
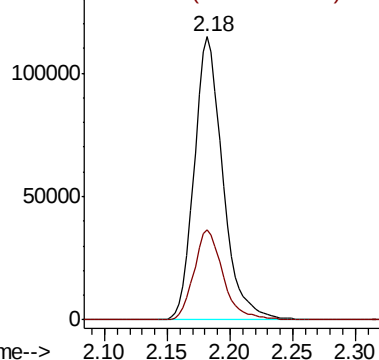
Ion Ratio Lower Upper

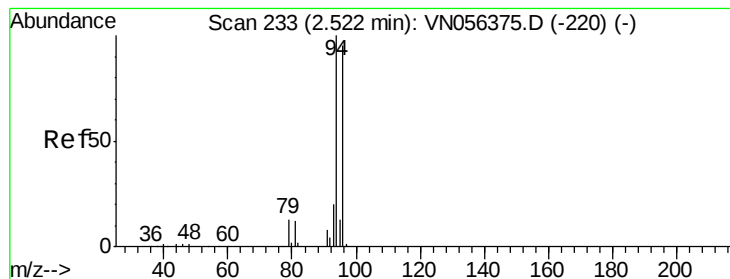
62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO  
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 46.169 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

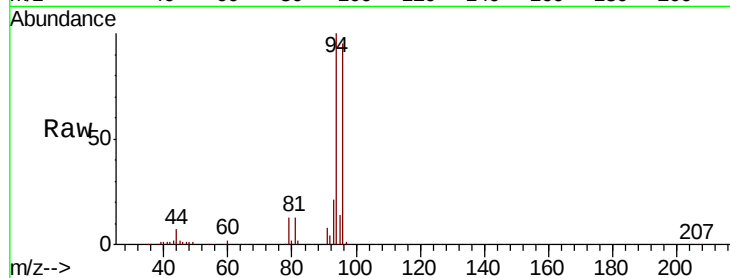
SP-19-LF2MW2MS

Tot Ion: 94 Resp: 104332

Ion Ratio Lower Upper

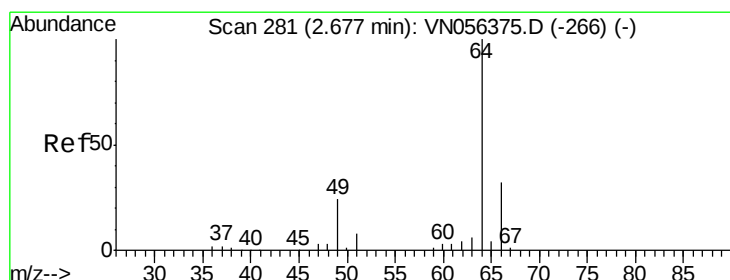
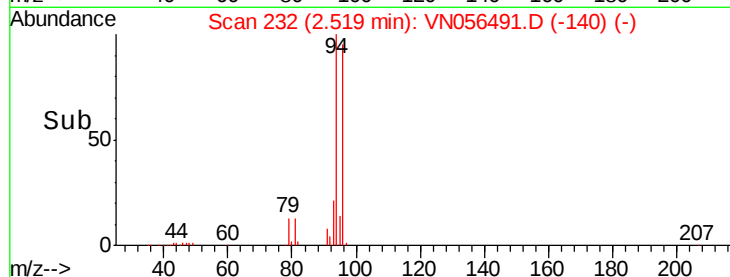
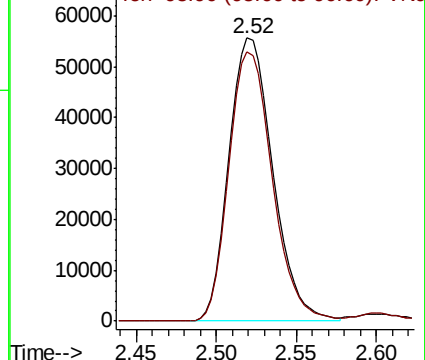
94 100

96 95.3 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: 47.037 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN056491.D

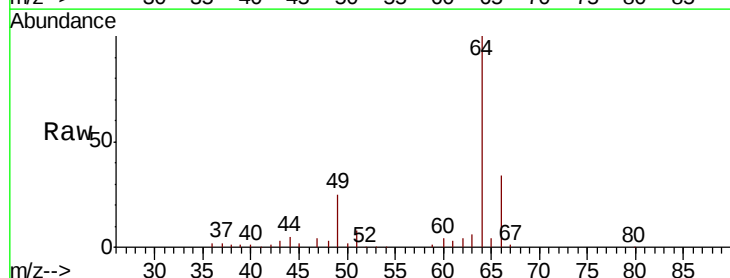
Acq: 25 Jun 2019 16:58

Tgt Ion: 64 Resp: 105001

Ion Ratio Lower Upper

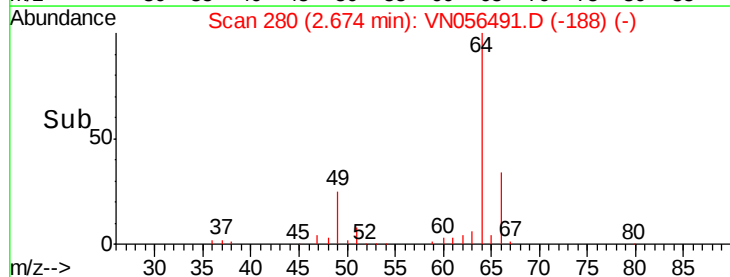
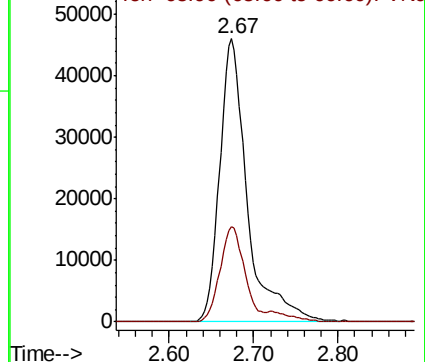
64 100

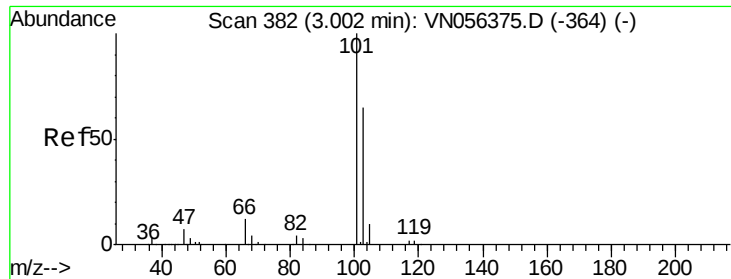
66 33.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



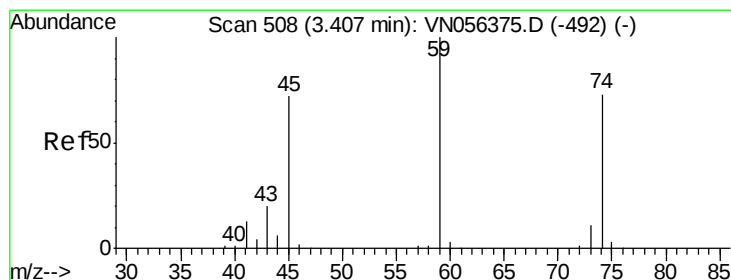
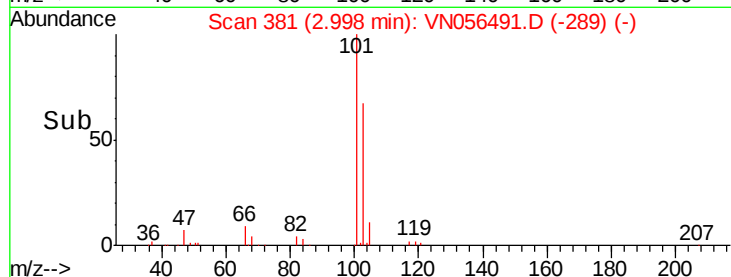
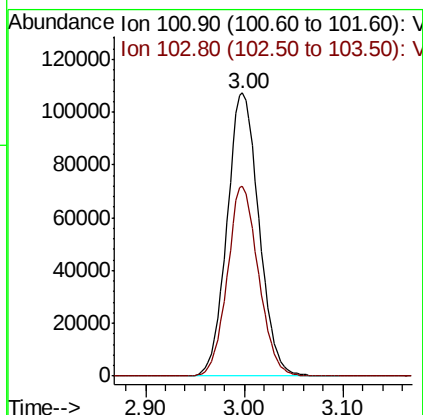
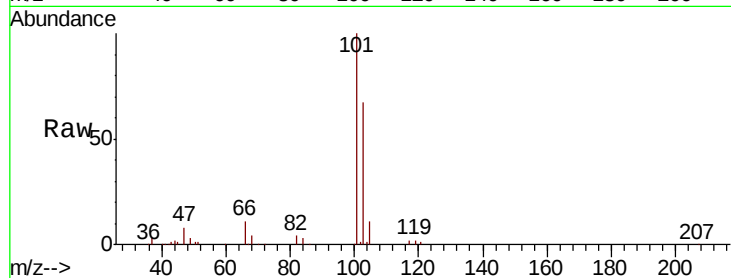


#7

Trichlorofluoromethane  
 Concen: 48.528 ug/l  
 RT: 3.00 min Scan# 381  
 Delta R.T. -0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

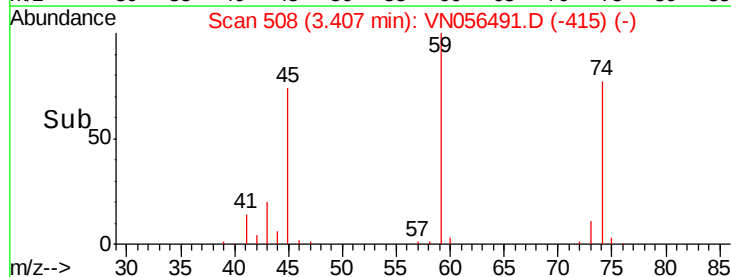
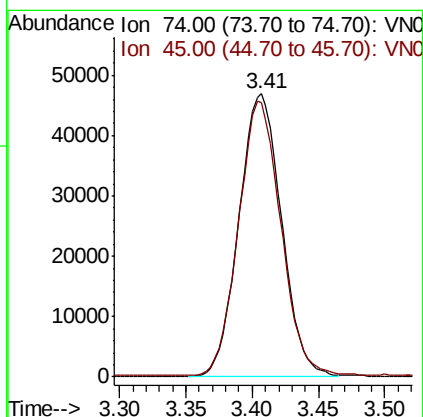
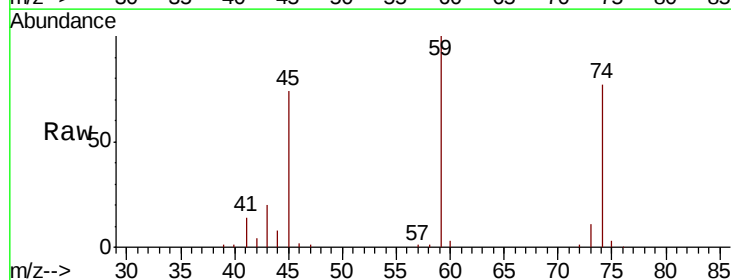
Tot Ion:101 Resp: 241973  
 Ion Ratio Lower Upper  
 101 100  
 103 67.1 51.7 77.5

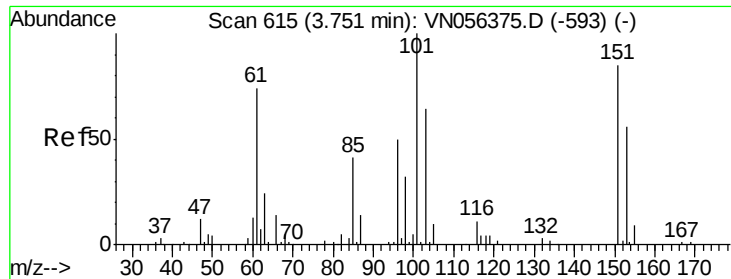


#8

Diethyl Ether  
 Concen: 49.772 ug/l  
 RT: 3.41 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 74 Resp: 105032  
 Ion Ratio Lower Upper  
 74 100  
 45 96.2 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.417 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

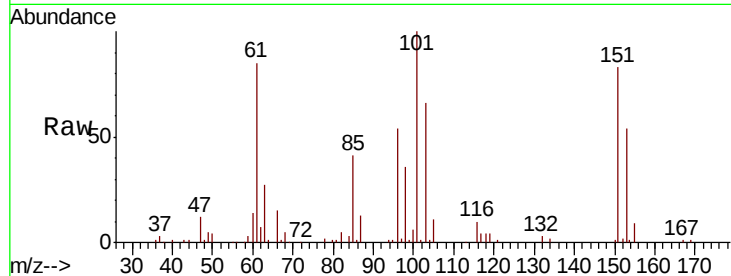
Tot Ion:101 Resp: 153957

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

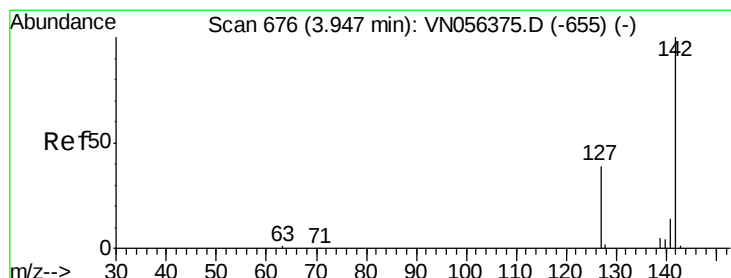
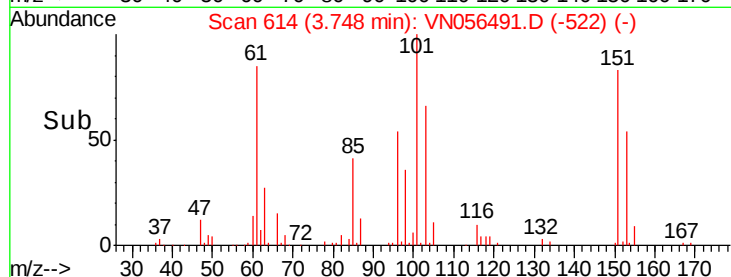
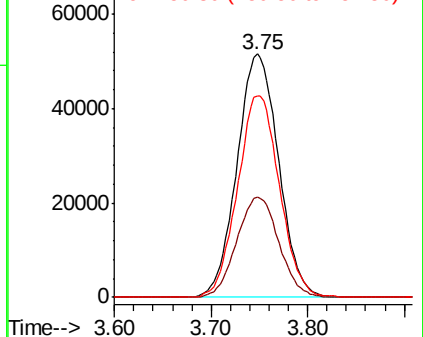
151 83.6 66.8 100.2



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: 50.618 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

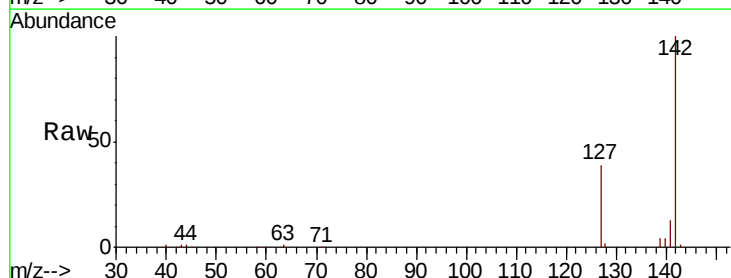
Tgt Ion:142 Resp: 217540

Ion Ratio Lower Upper

142 100

127 38.1 30.6 46.0

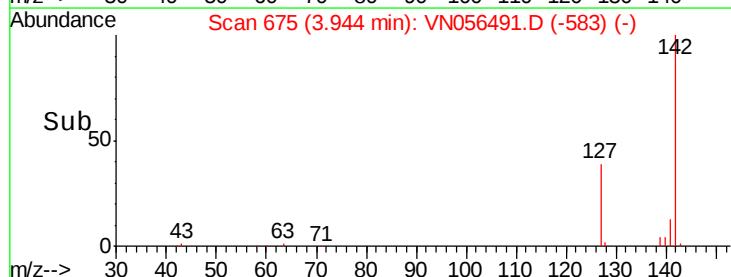
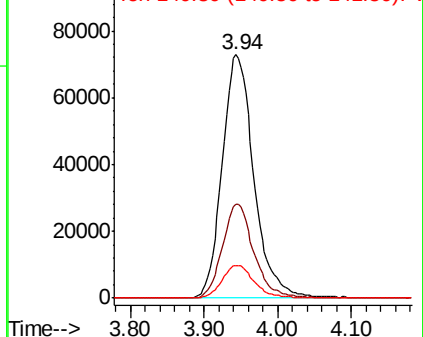
141 13.6 11.4 17.2

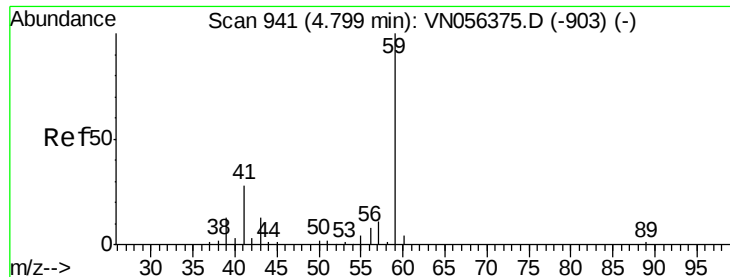


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



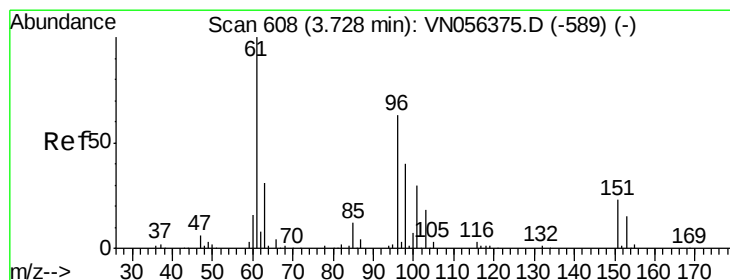
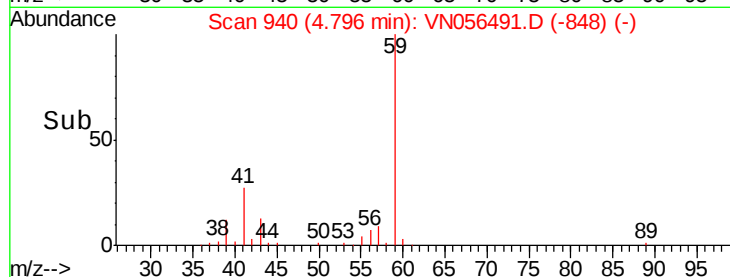
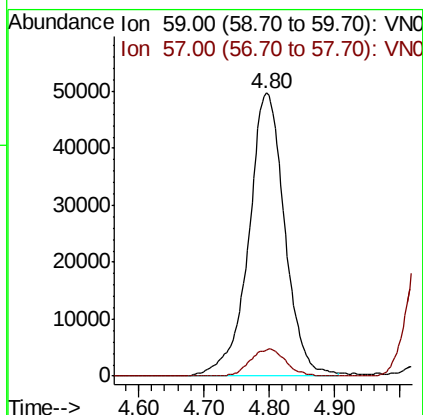
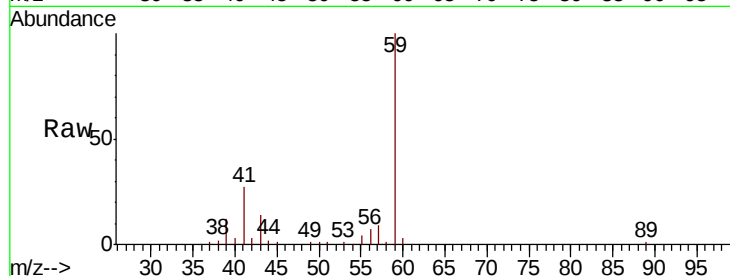


#11

Tert butyl alcohol  
 Concen: 295.321 ug/l  
 RT: 4.80 min Scan# 940  
 Delta R.T. -0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

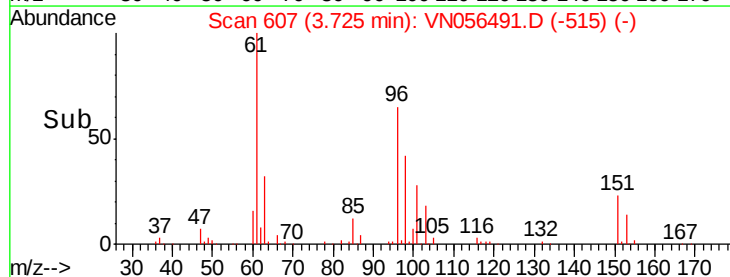
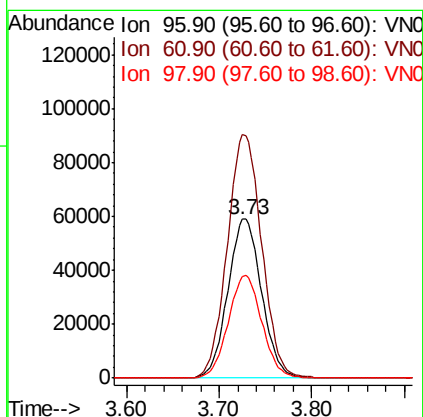
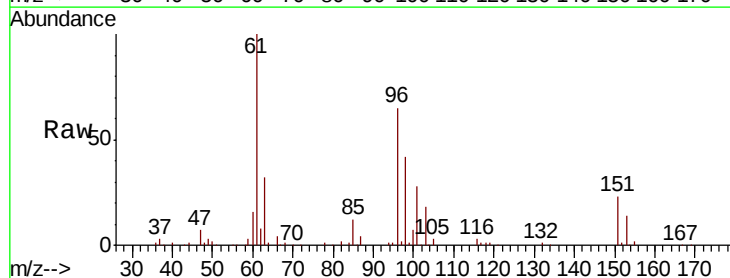
Tot Ion: 59 Resp: 190826  
 Ion Ratio Lower Upper  
 59 100  
 57 9.5 7.6 11.4

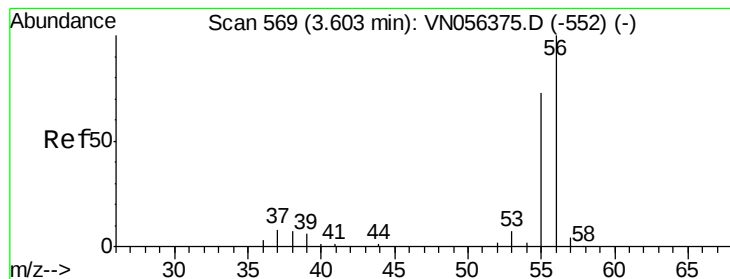


#12

1,1-Dichloroethene  
 Concen: 48.719 ug/l  
 RT: 3.73 min Scan# 607  
 Delta R.T. -0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 96 Resp: 148978  
 Ion Ratio Lower Upper  
 96 100  
 61 153.5 126.6 190.0  
 98 63.7 51.1 76.7





#13

Acrolein

Concen: 210.098 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

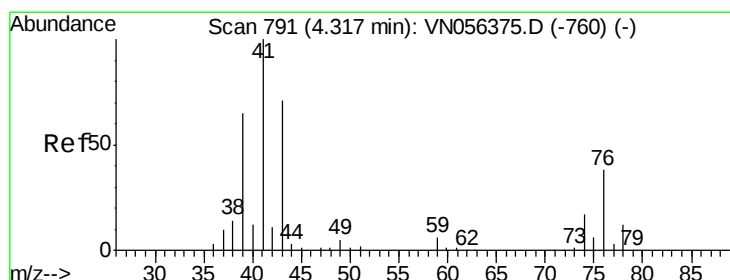
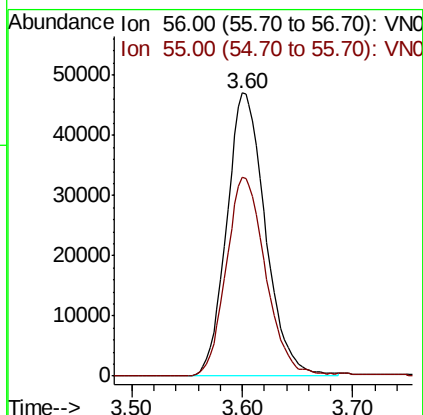
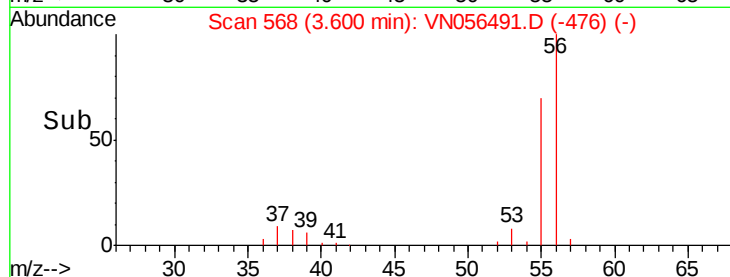
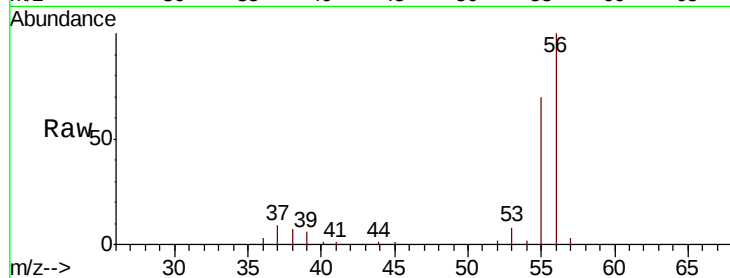
SP-19-LF2MW2MS

Tot Ion: 56 Resp: 114419

Ion Ratio Lower Upper

56 100

55 71.6 57.1 85.7



#14

Allyl chloride

Concen: 51.504 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

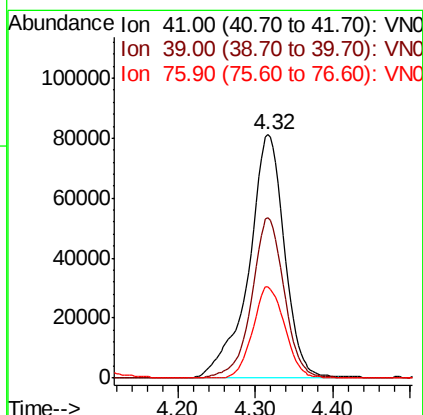
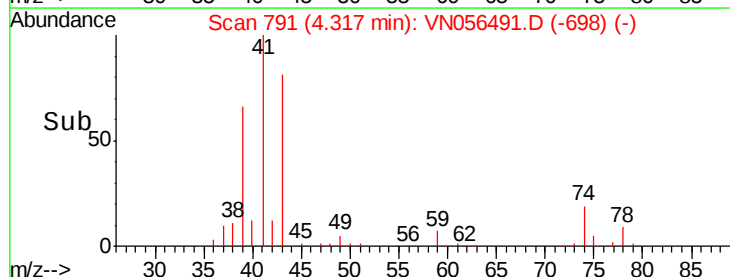
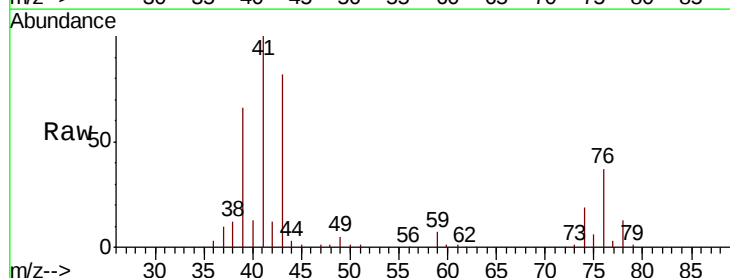
Tgt Ion: 41 Resp: 262169

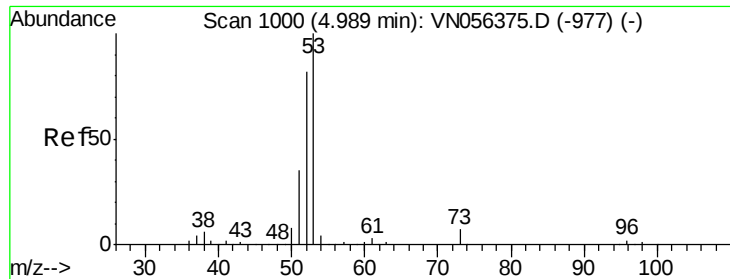
Ion Ratio Lower Upper

41 100

39 60.1 48.6 73.0

76 33.7 26.6 40.0





#15

Acrylonitrile

Concen: 272.085 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

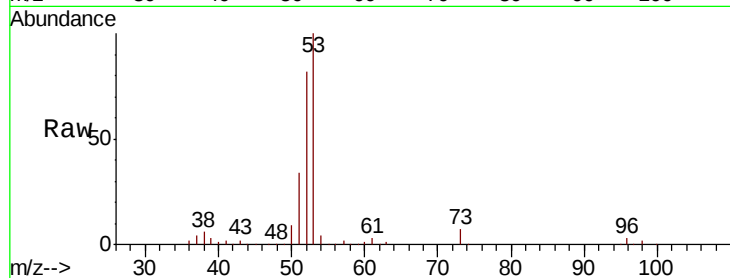
Tot Ion: 53 Resp: 486383

Ion Ratio Lower Upper

53 100

52 81.4 65.9 98.9

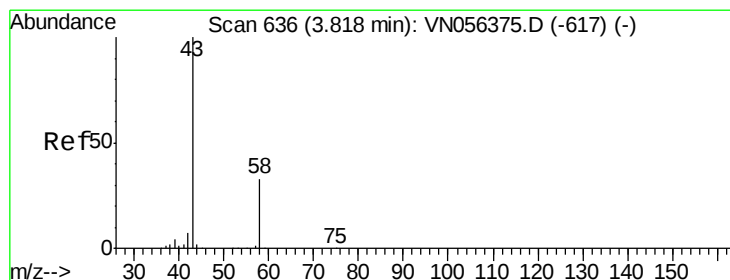
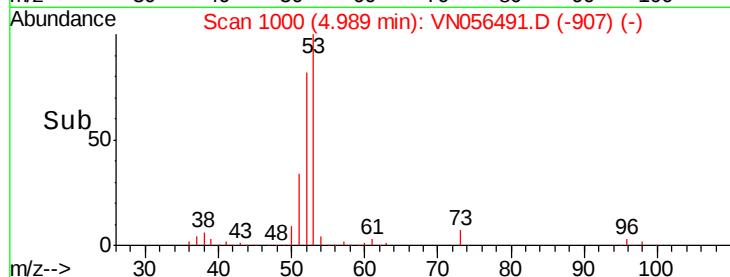
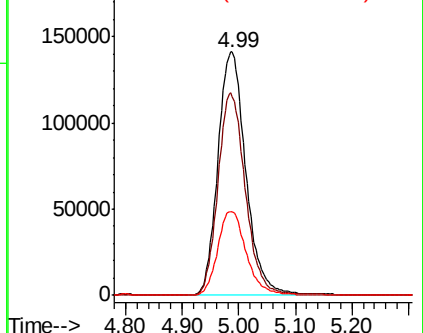
51 35.3 28.3 42.5



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: 196.051 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056491.D

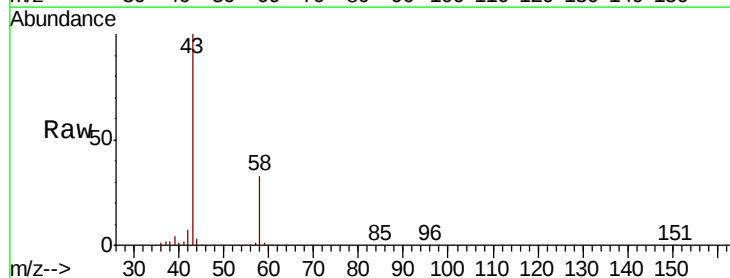
Acq: 25 Jun 2019 16:58

Tgt Ion: 43 Resp: 376838

Ion Ratio Lower Upper

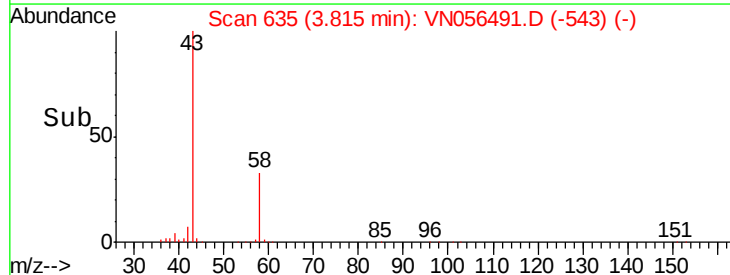
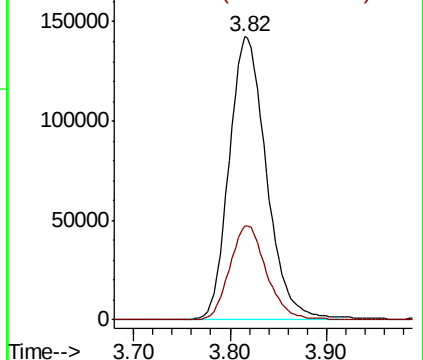
43 100

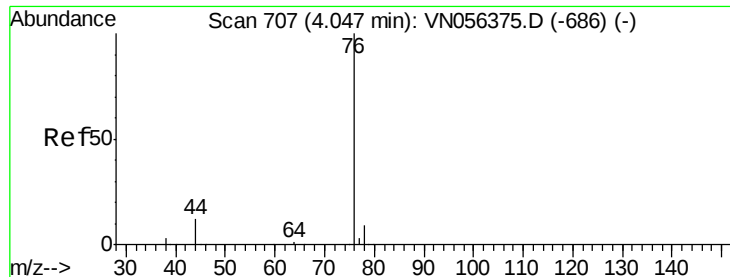
58 33.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

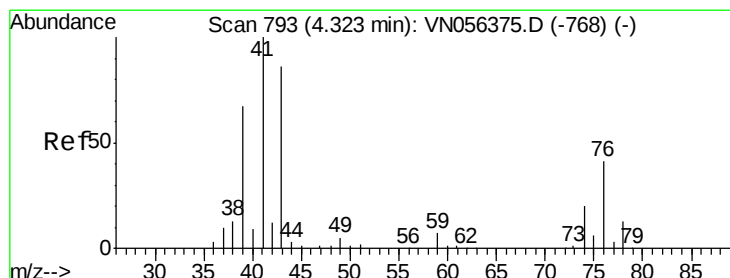
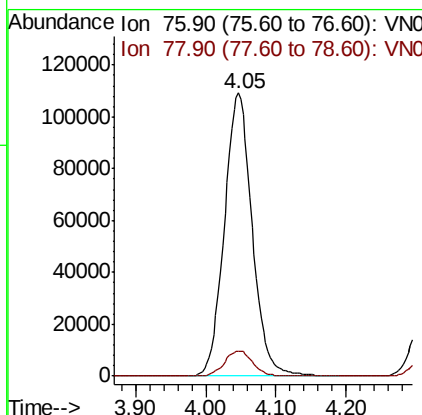
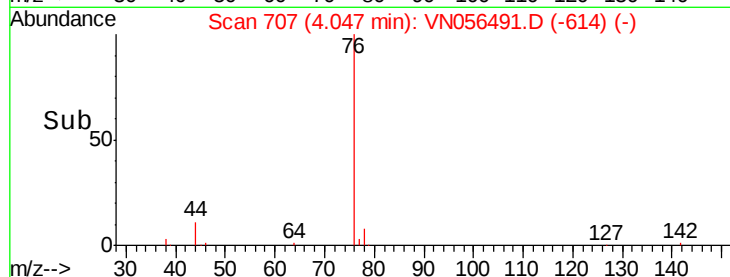
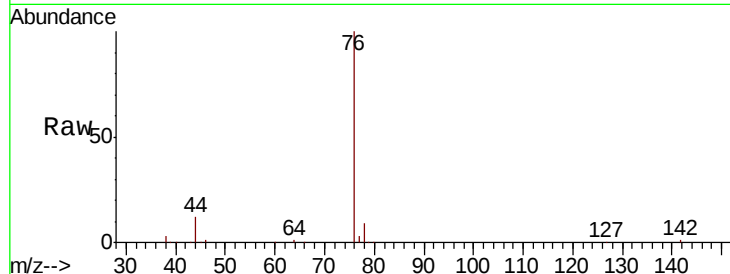




#17  
Carbon Disulfide  
Concen: 43.185 ug/l  
RT: 4.05 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

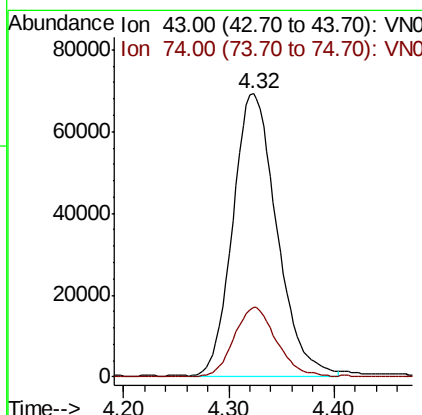
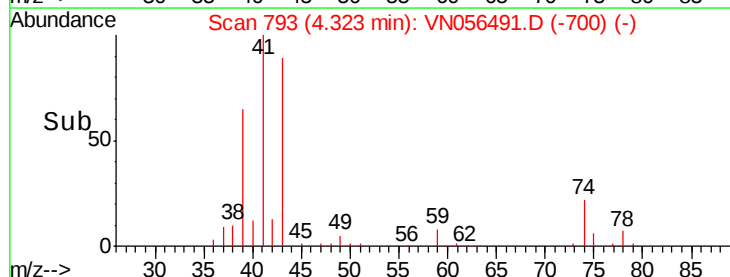
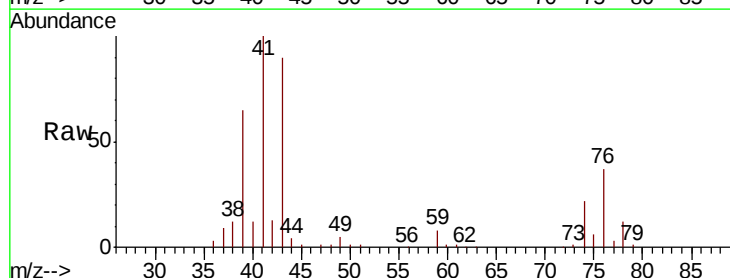
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

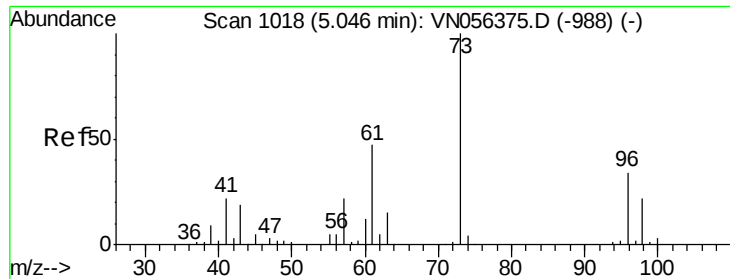
Tot Ion: 76 Resp: 300360  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7



#18  
Methyl Acetate  
Concen: 53.108 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 43 Resp: 199732  
Ion Ratio Lower Upper  
43 100  
74 23.9 19.2 28.8

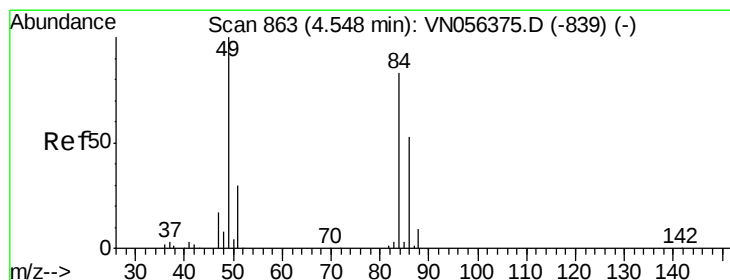
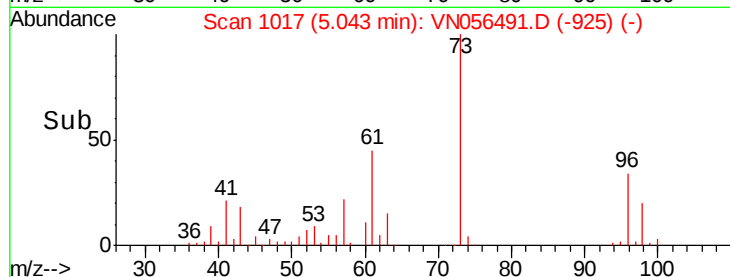
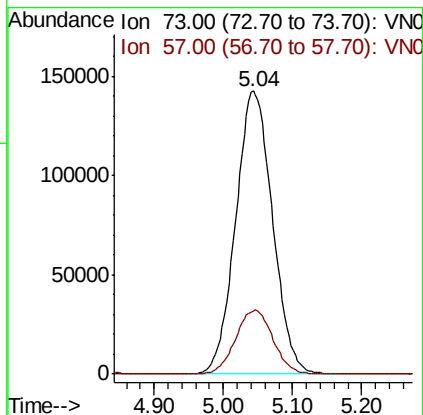
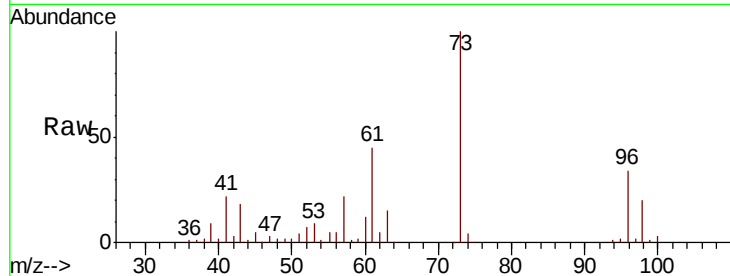




#19  
Methvl tert-butvl Ether  
Concen: 52.139 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

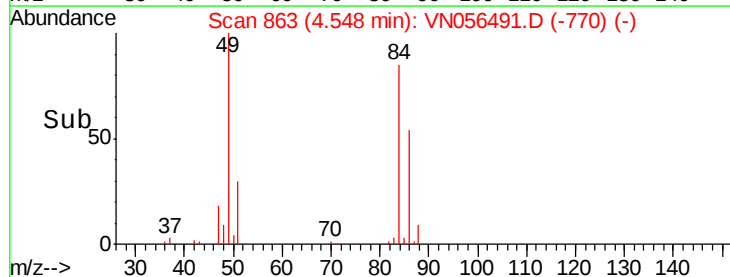
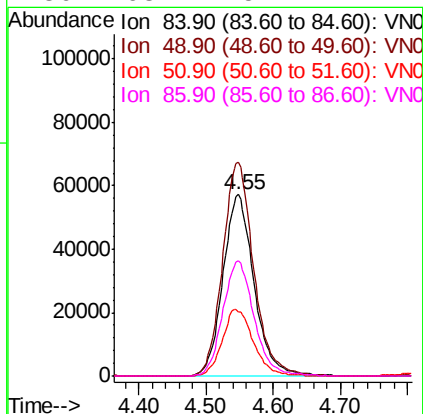
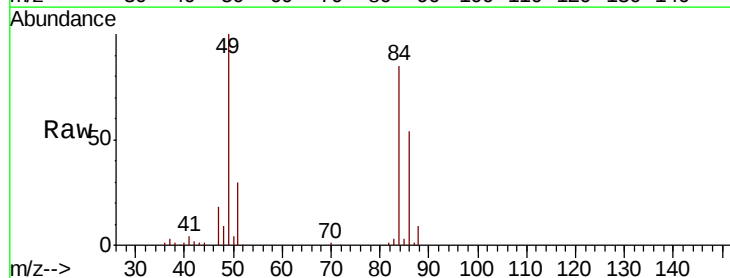
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

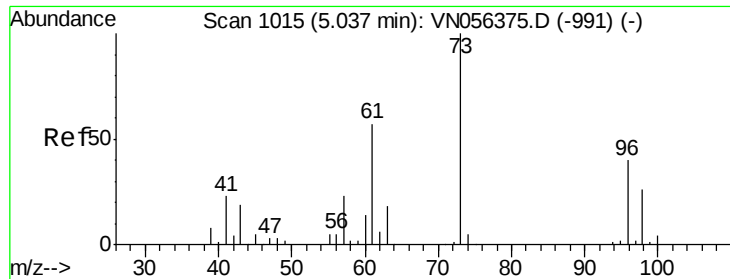
Tot Ion: 73 Resp: 527566  
Ion Ratio Lower Upper  
73 100  
57 22.5 17.9 26.9



#20  
Methylene Chloride  
Concen: 50.684 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 84 Resp: 183611  
Ion Ratio Lower Upper  
84 100  
49 117.9 96.4 144.6  
51 35.7 28.6 43.0  
86 63.4 51.4 77.2

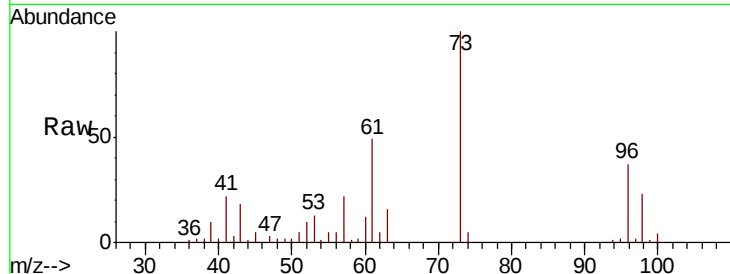




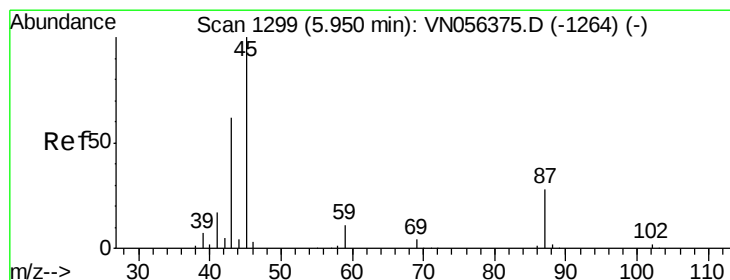
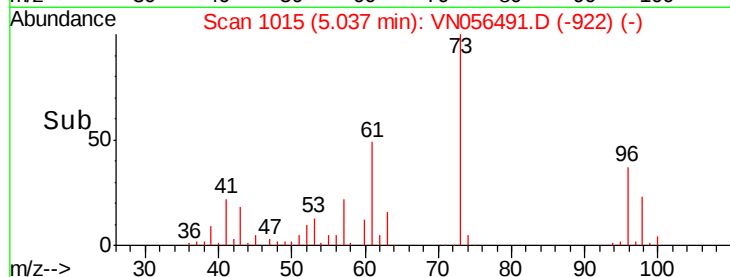
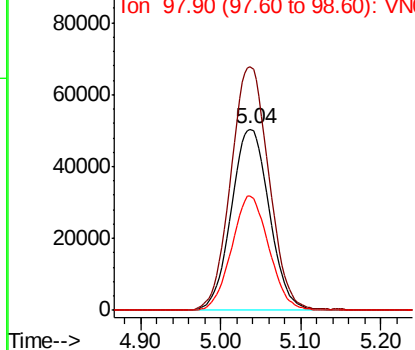
#21  
trans-1,2-Dichloroethene  
Concen: 49.248 ug/l  
RT: 5.04 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

Tot Ion: 96 Resp: 162365  
Ion Ratio Lower Upper  
96 100  
61 134.3 113.0 169.6  
98 63.3 52.2 78.2

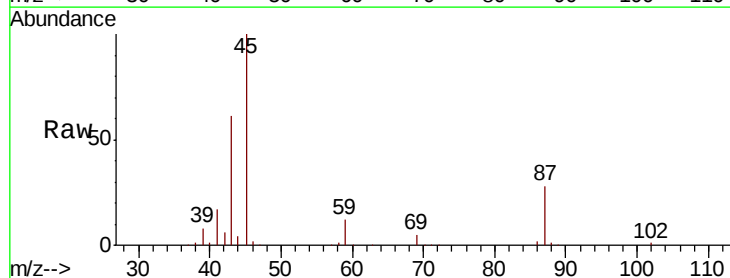


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

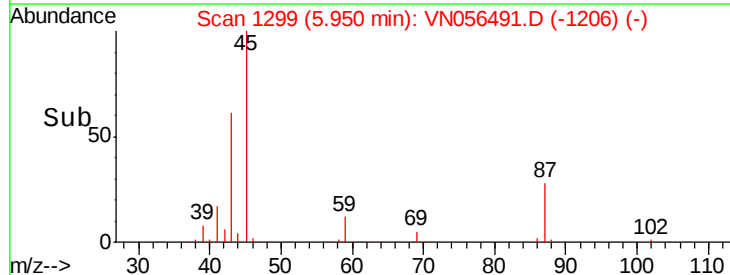
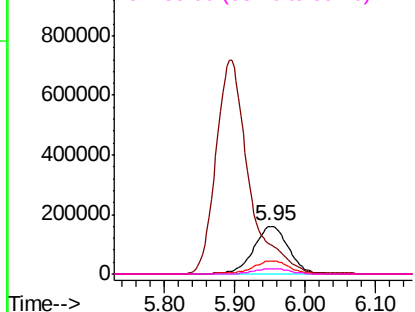


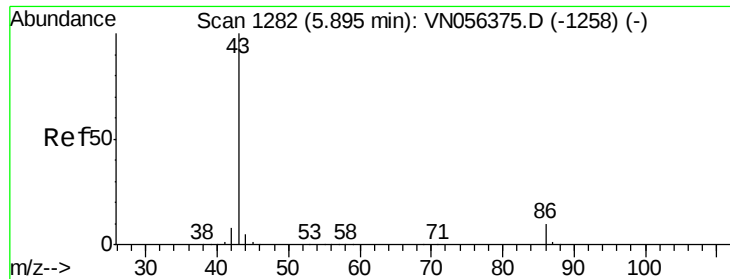
#22  
Diisopropyl ether  
Concen: 51.987 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 45 Resp: 555755  
Ion Ratio Lower Upper  
45 100  
43 59.8 50.4 75.6  
87 27.6 23.0 34.4  
59 11.4 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

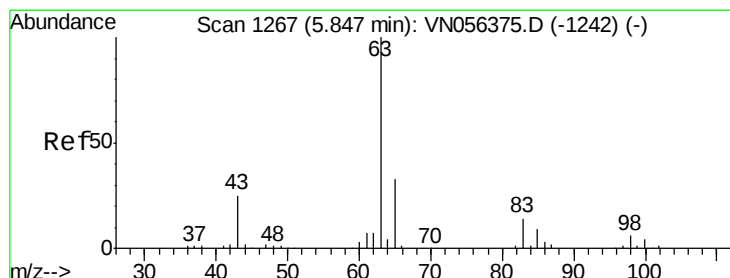
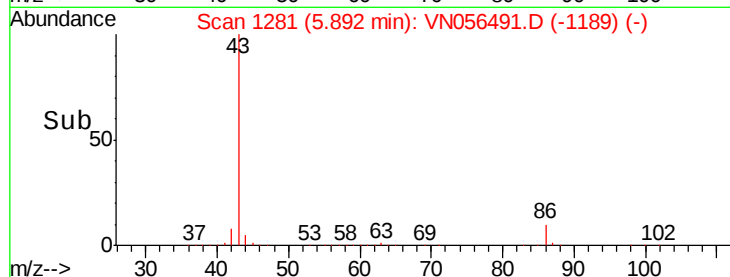
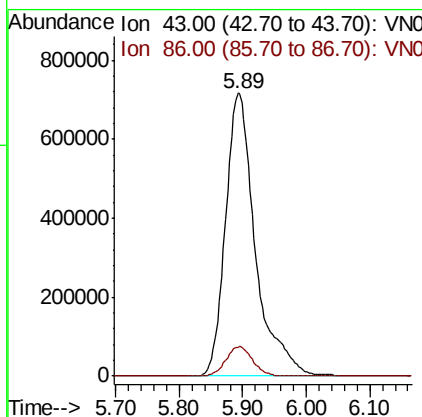
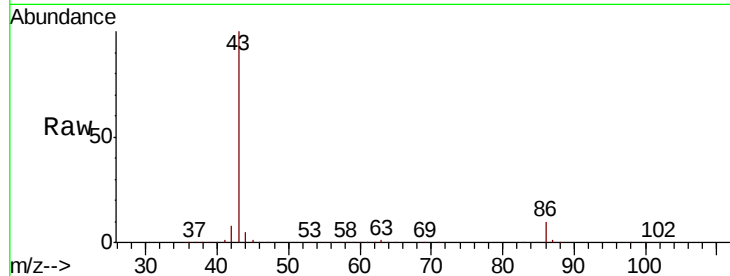




#23  
 Vinyl Acetate  
 Concen: 277.689 ug/l  
 RT: 5.89 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

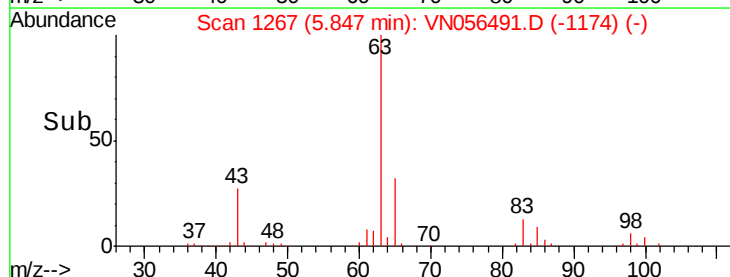
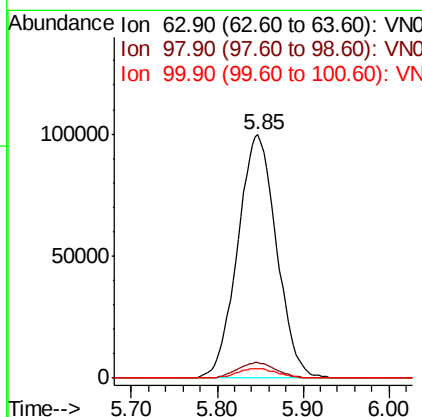
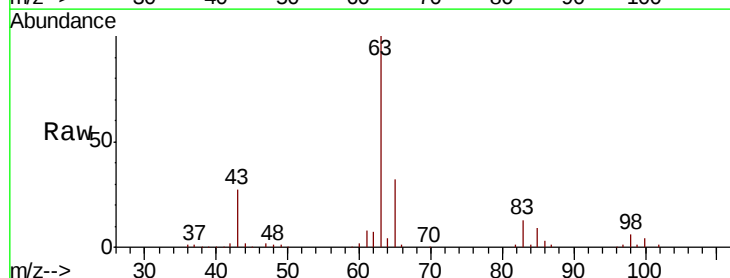
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

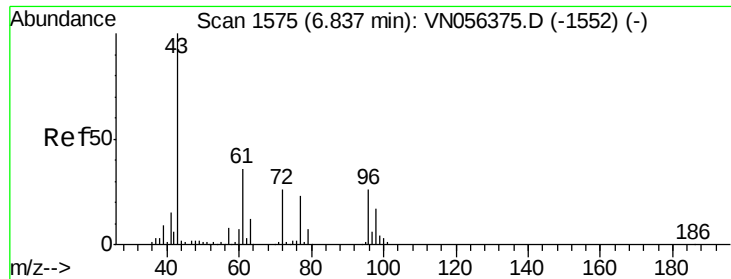
Tot Ion: 43 Resp: 2341411  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 51.007 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 63 Resp: 313010  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.2 9.6  
 100 3.9 2.1 6.5

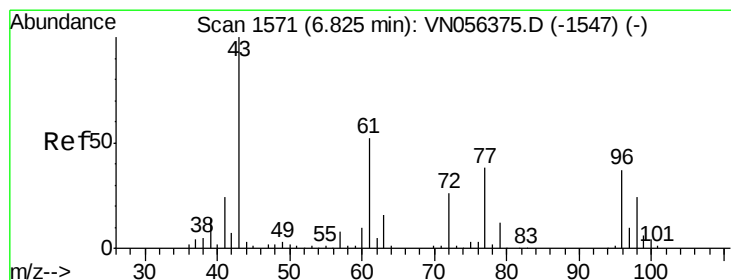
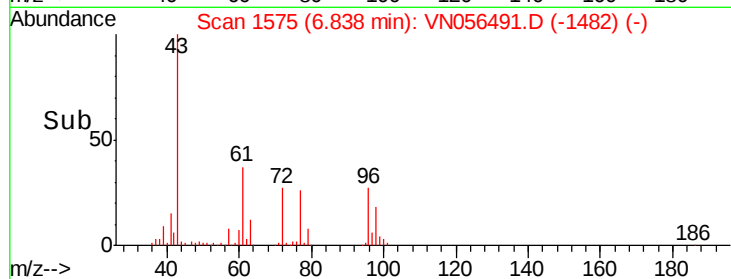
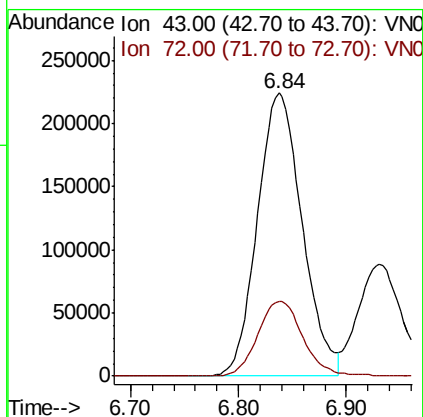
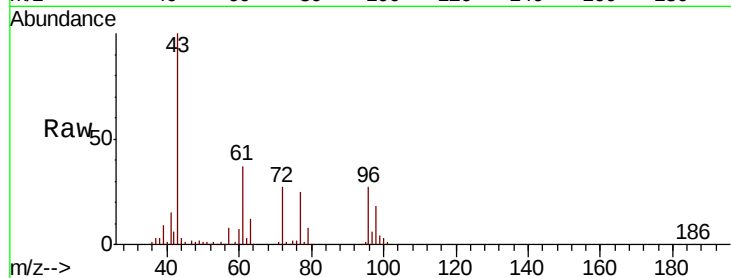




#25  
2-Butanone  
Concen: 252.617 ug/l  
RT: 6.84 min Scan# 1575  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

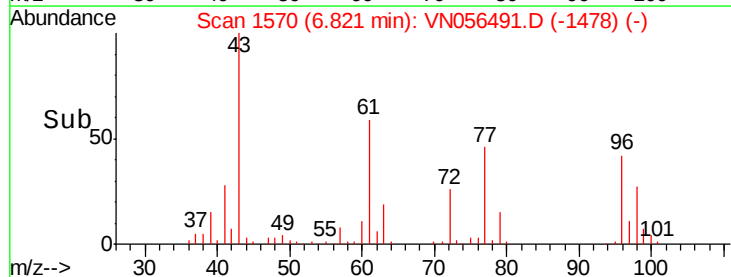
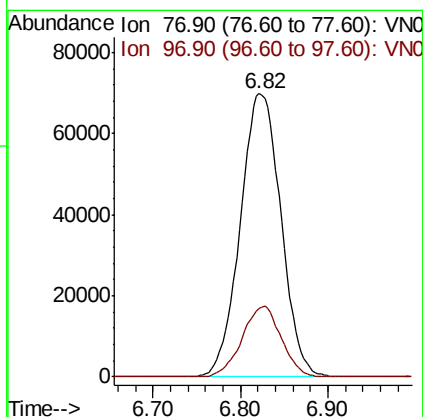
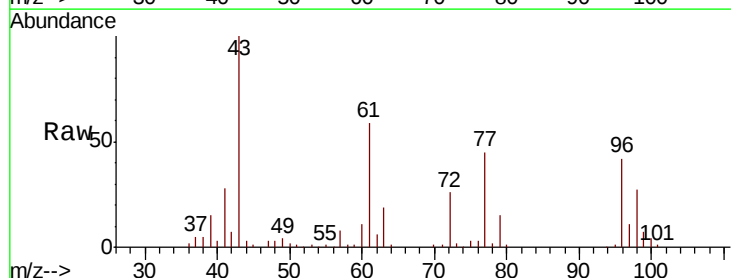
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

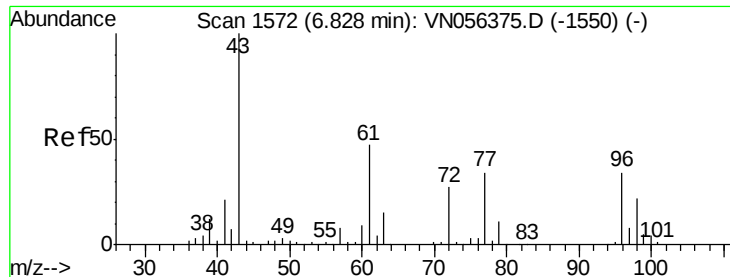
Tot Ion: 43 Resp: 642650  
Ion Ratio Lower Upper  
43 100  
72 26.6 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 52.755 ug/l  
RT: 6.82 min Scan# 1570  
Delta R.T. -0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 77 Resp: 225159  
Ion Ratio Lower Upper  
77 100  
97 24.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.729 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

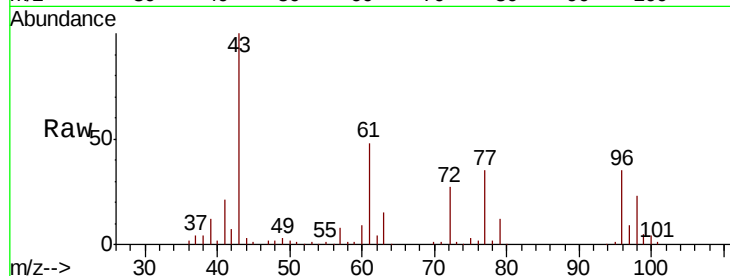
Tot Ion: 96 Resp: 199530

Ion Ratio Lower Upper

96 100

61 140.2 0.0 279.8

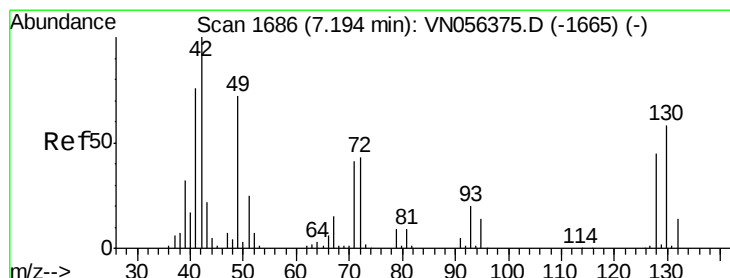
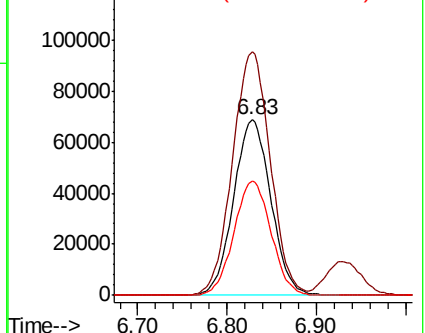
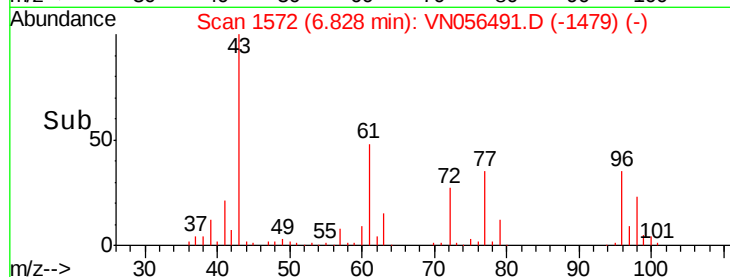
98 64.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN056491.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN056491.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN056491.D (-1479) (-)



#28

Bromochloromethane

Concen: 51.687 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

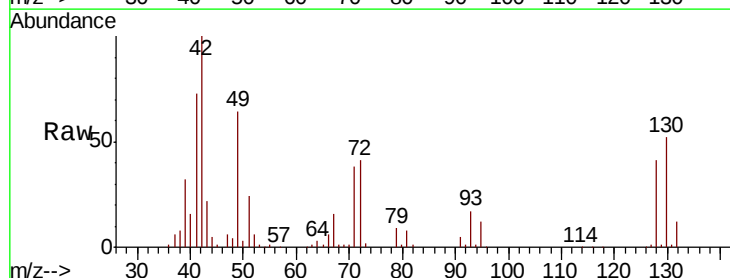
Tgt Ion: 49 Resp: 156887

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

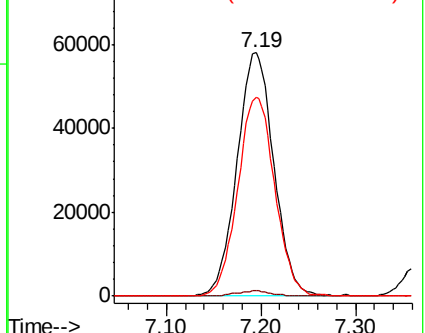
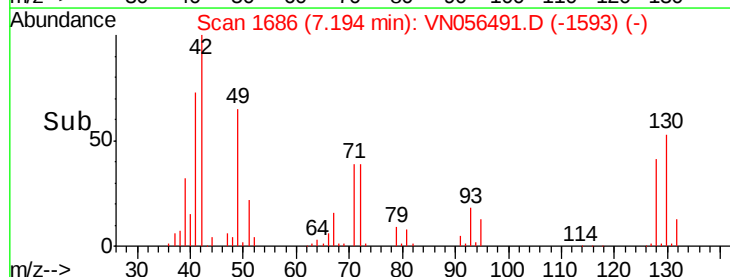
130 82.3 64.9 97.3

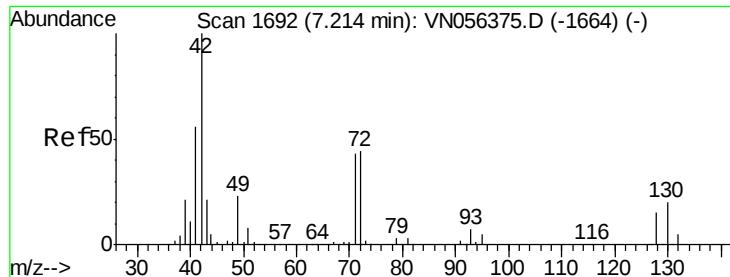


Abundance Ion 48.90 (48.60 to 49.60): VN056491.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN056491.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN056491.D (-1593) (-)





#29

Tetrahydrofuran

Concen: 276.853 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

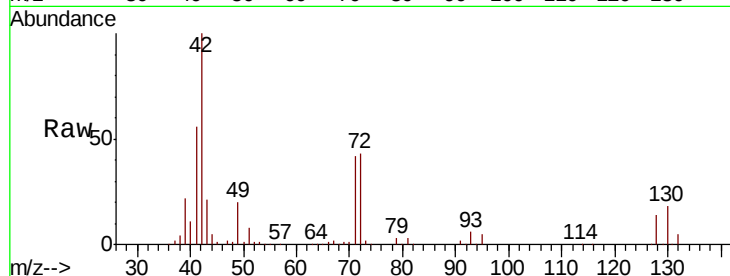
Tot Ion: 42 Resp: 430404

Ion Ratio Lower Upper

42 100

72 42.5 34.7 52.1

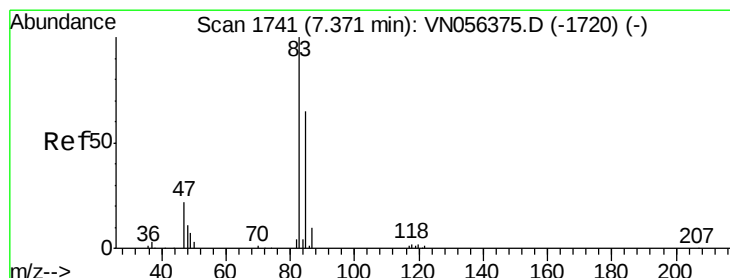
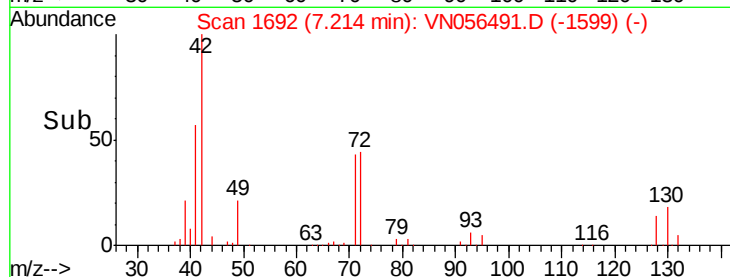
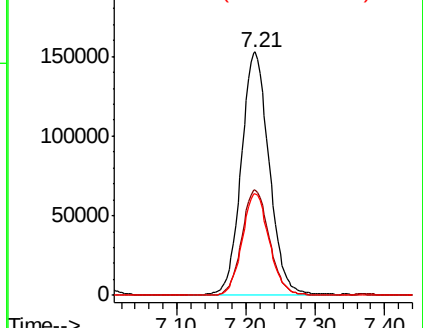
71 40.5 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 52.022 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056491.D

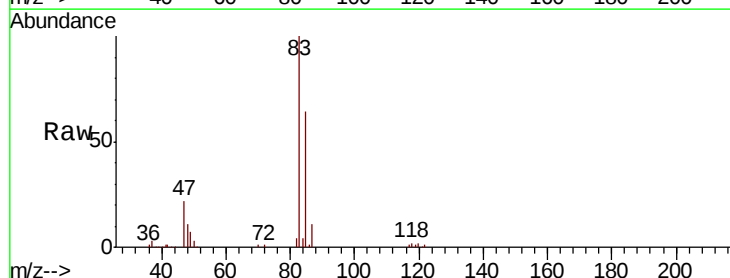
Acq: 25 Jun 2019 16:58

Tgt Ion: 83 Resp: 315008

Ion Ratio Lower Upper

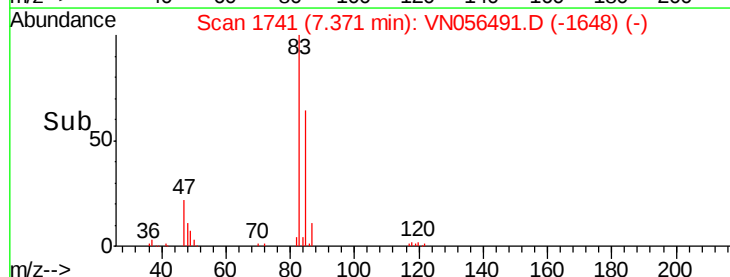
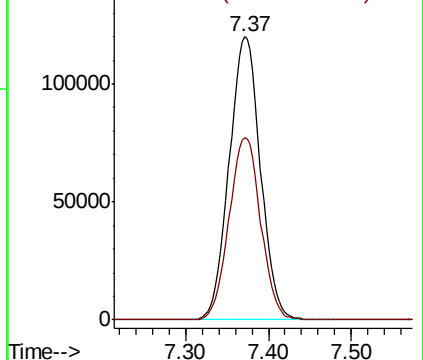
83 100

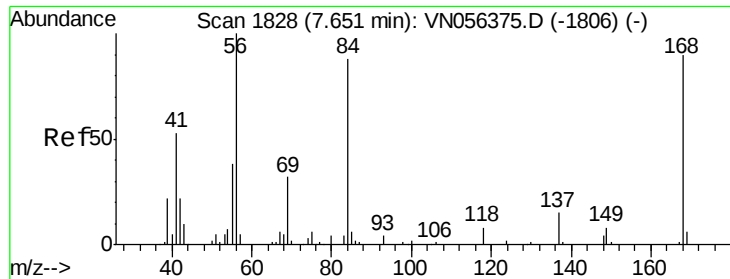
85 64.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

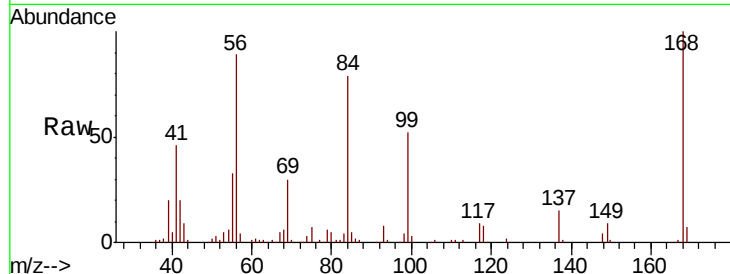




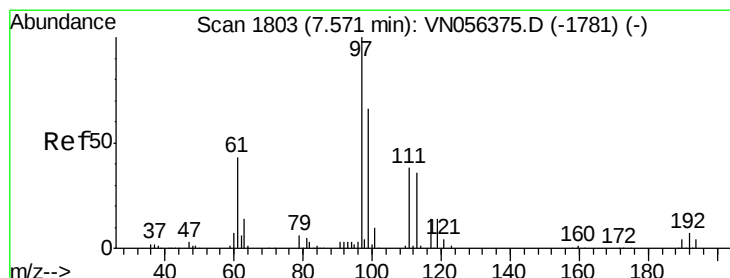
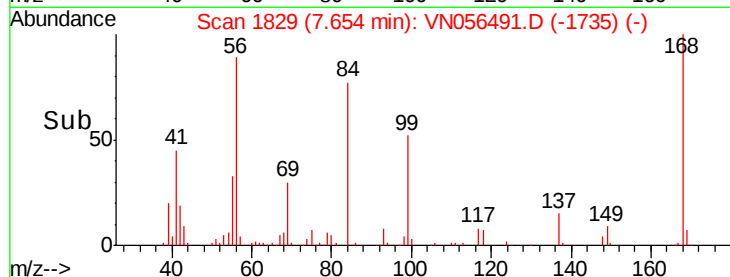
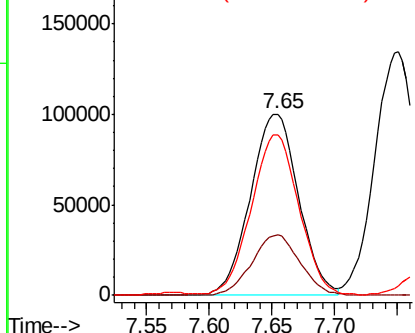
#31  
Cyclohexane  
Concen: 45.267 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

Tot Ion: 56 Resp: 268179  
Ion Ratio Lower Upper  
56 100  
69 33.4 25.8 38.6  
84 87.8 69.4 104.0

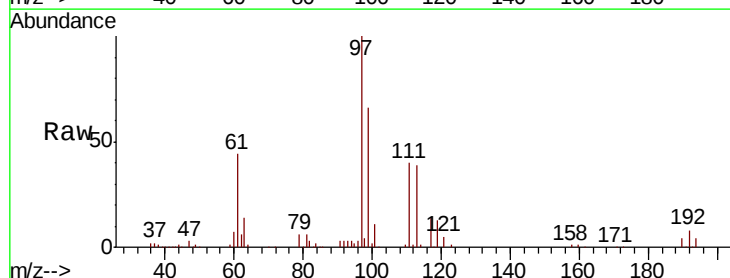


Abundance Ion 56.00 (55.70 to 56.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 84.00 (83.70 to 84.70): VNC

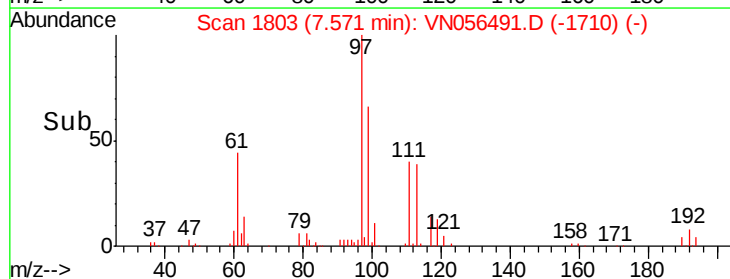
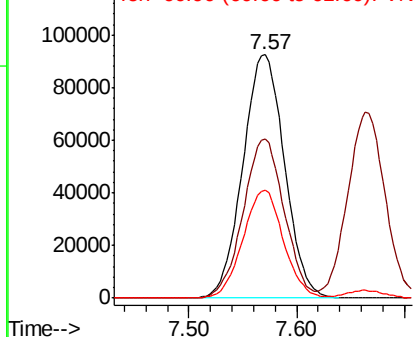


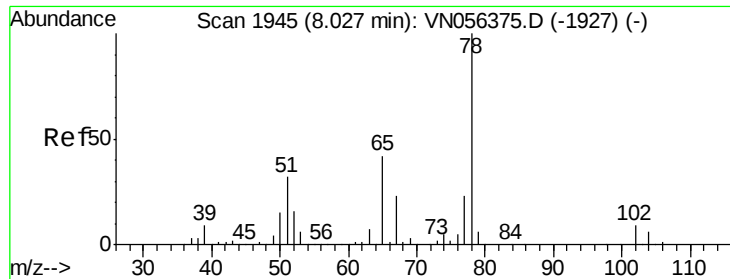
#32  
1,1,1-Trichloroethane  
Concen: 51.778 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 97 Resp: 248520  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.8 77.6  
61 43.1 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VNC  
Ion 98.90 (98.60 to 99.60): VNC  
Ion 60.90 (60.60 to 61.60): VNC

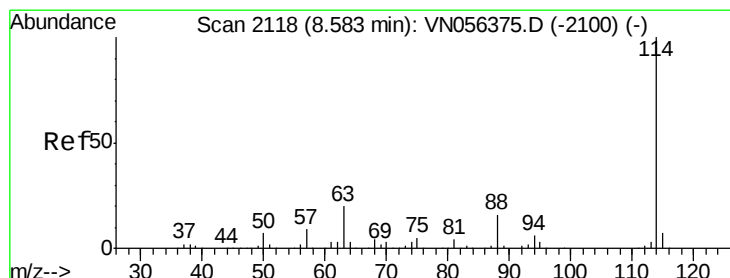
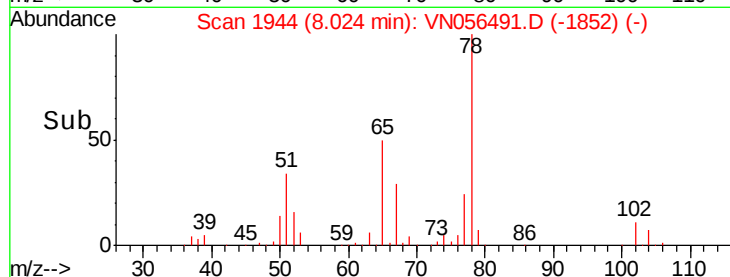
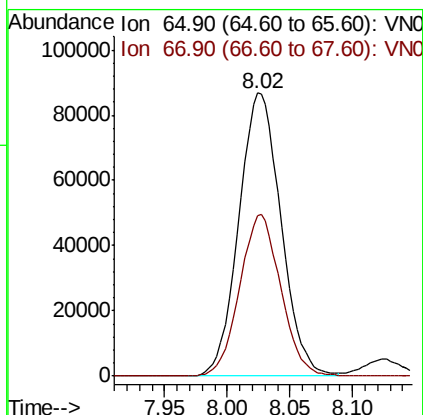
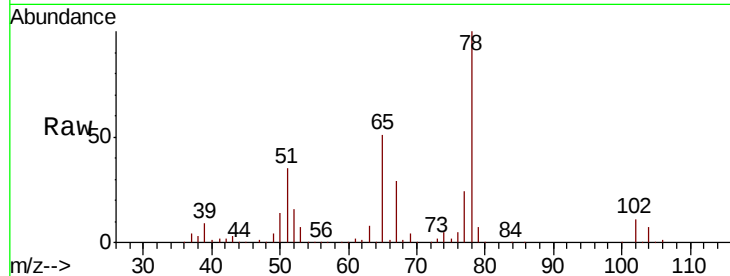




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.860 ug/l  
 RT: 8.02 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

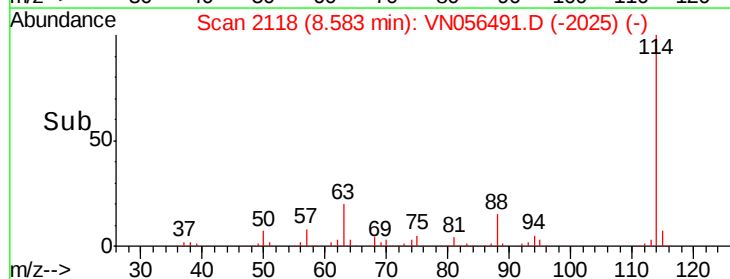
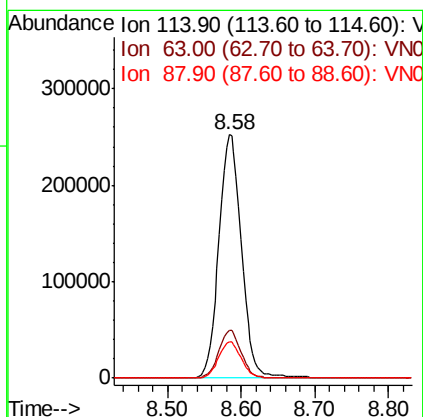
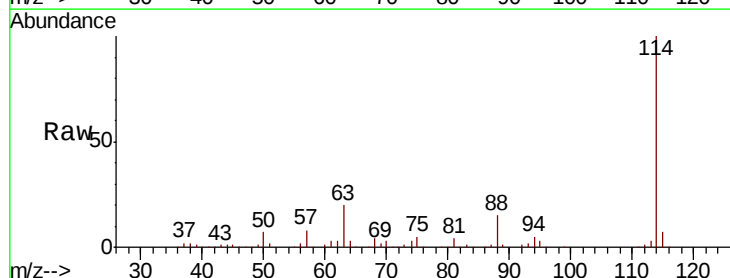
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

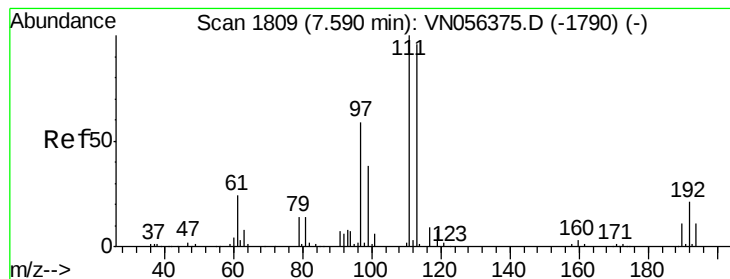
Tot Ion: 65 Resp: 202798  
 Ion Ratio Lower Upper  
 65 100  
 67 55.8 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 114 Resp: 539030  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 39.2  
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.382 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

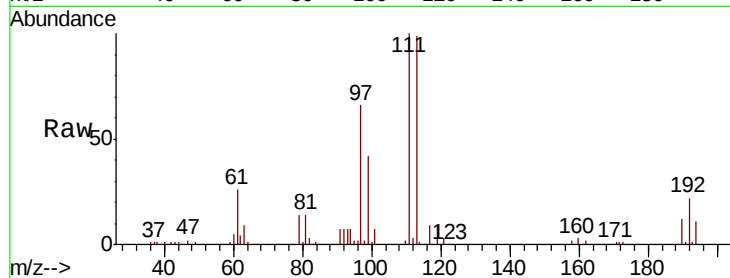
Tot Ion:113 Resp: 179505

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

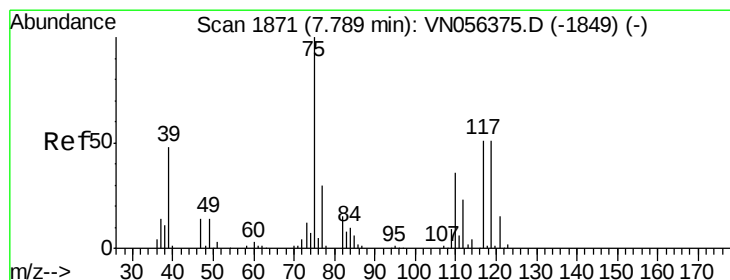
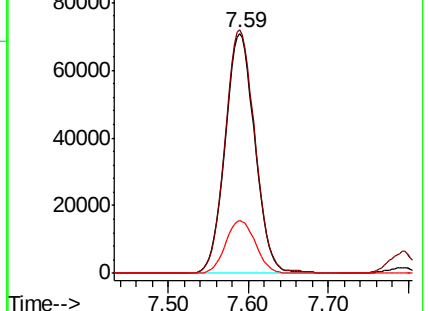
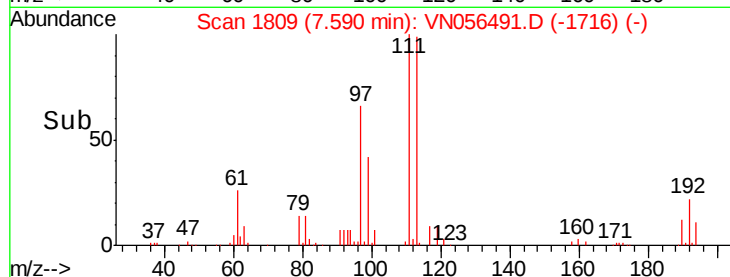
192 22.1 17.7 26.5



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: 46.978 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

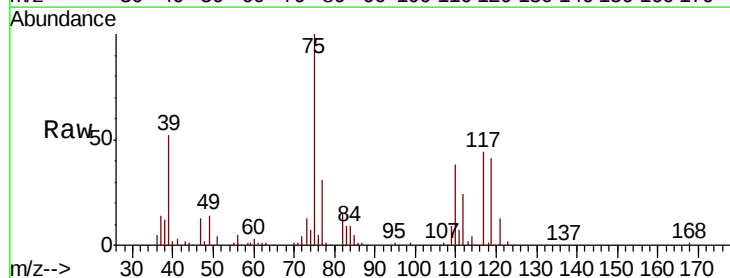
Tgt Ion: 75 Resp: 222883

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.3

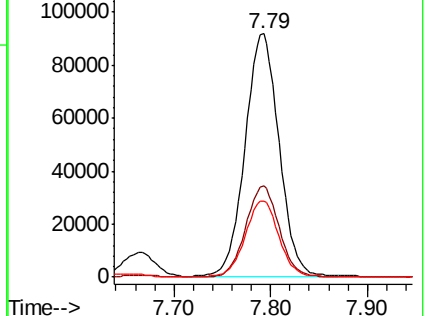
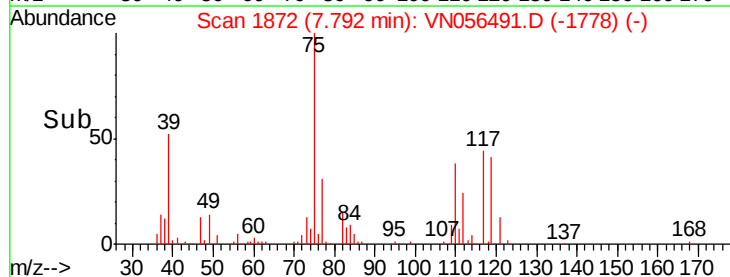
77 31.4 24.6 36.8

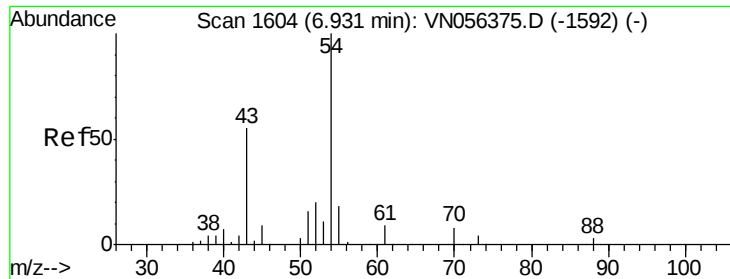


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

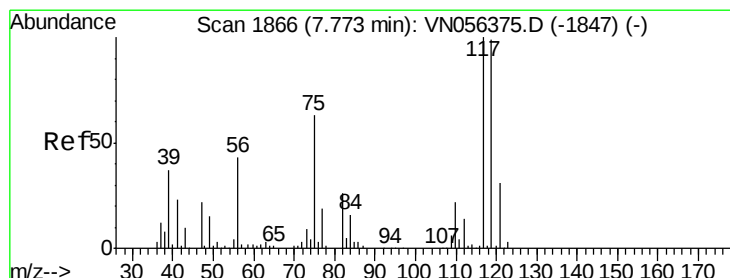
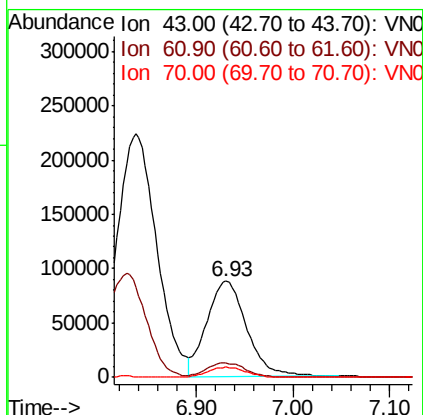
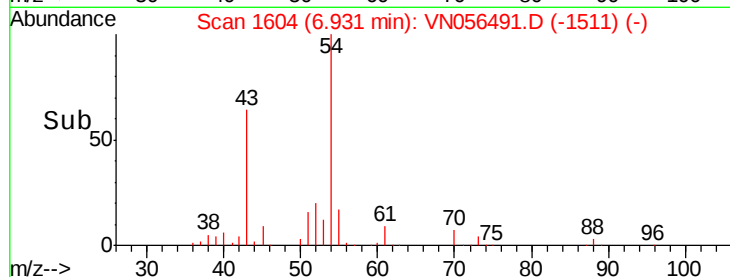
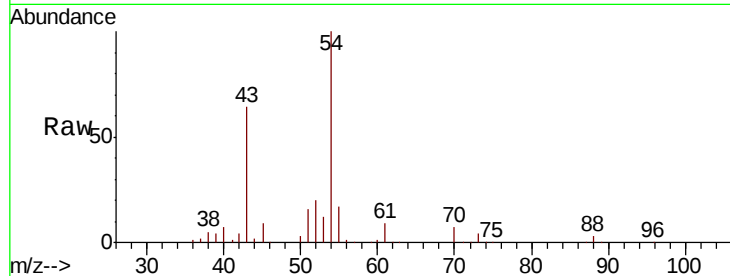




#37  
Ethyl Acetate  
Concen: 53.963 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

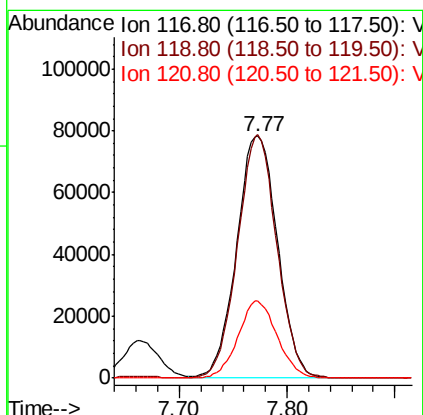
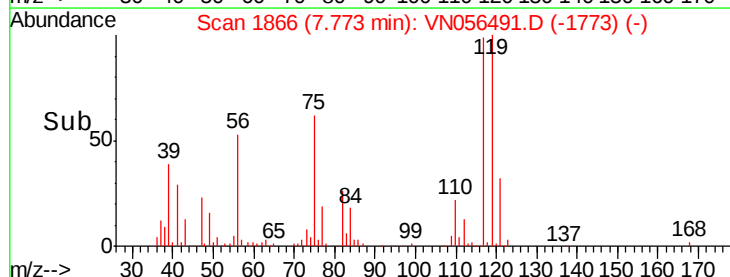
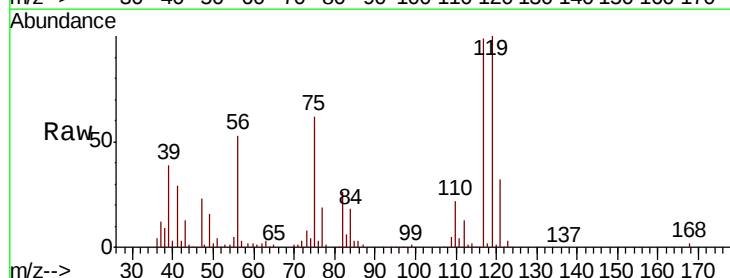
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

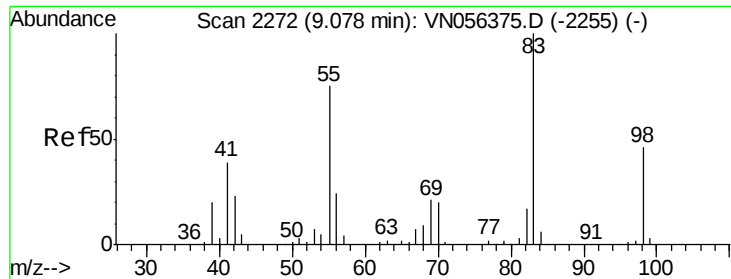
Tot Ion: 43 Resp: 251603  
Ion Ratio Lower Upper  
43 100  
61 14.6 11.1 16.7  
70 10.3 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 49.521 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 117 Resp: 205458  
Ion Ratio Lower Upper  
117 100  
119 100.9 79.1 118.7  
121 31.8 24.8 37.2

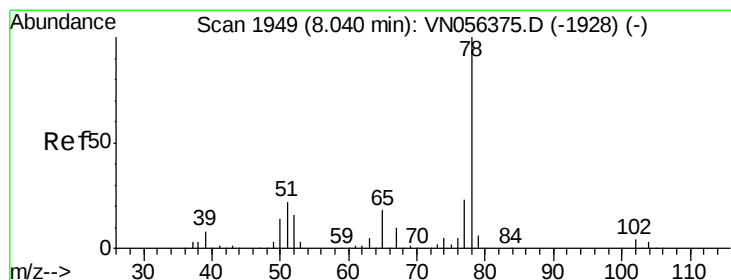
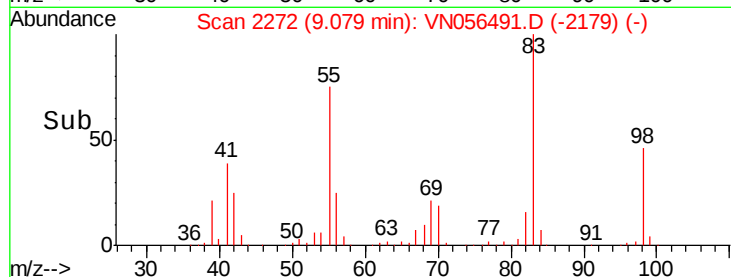
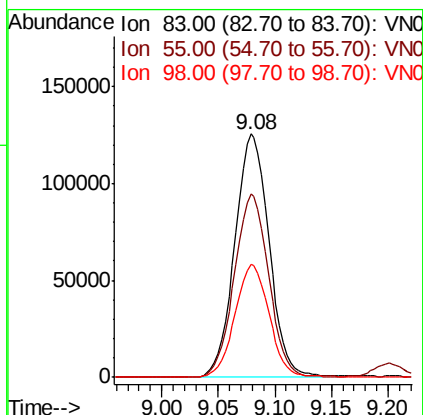
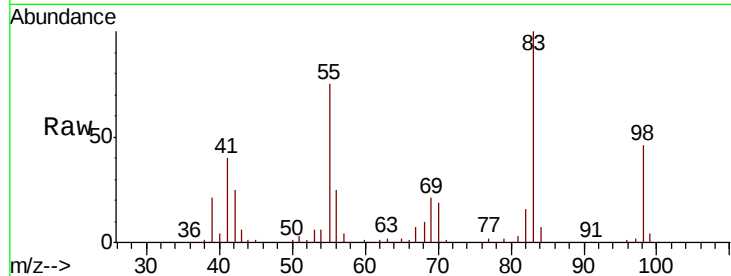




#39  
Methvlcvclohexane  
Concen: 45.463 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

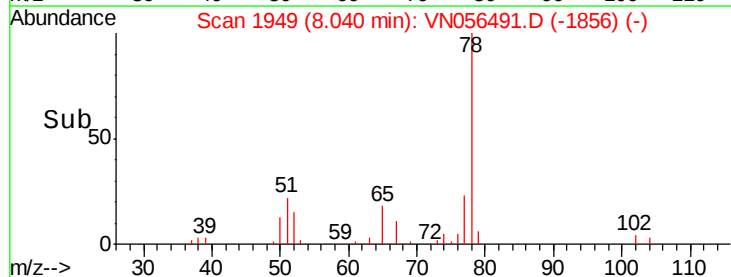
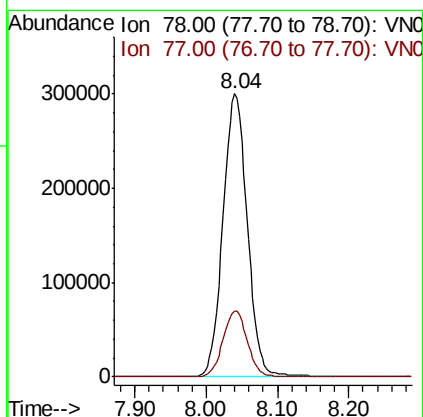
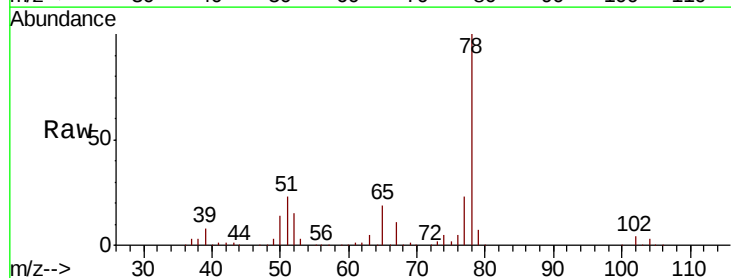
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

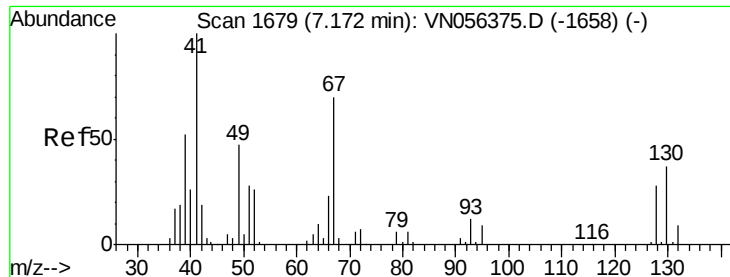
Tot Ion: 83 Resp: 266149  
Ion Ratio Lower Upper  
83 100  
55 75.4 60.0 90.0  
98 46.3 36.6 54.8



#40  
Benzene  
Concen: 48.895 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 78 Resp: 713567  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.3 27.5

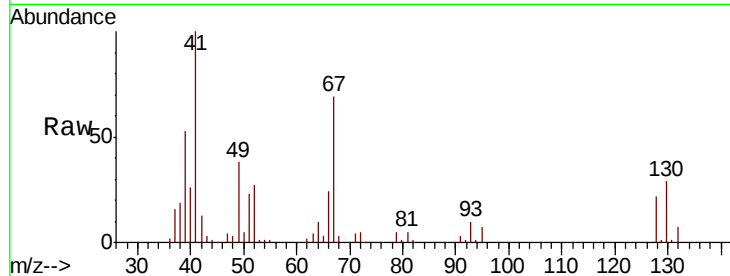




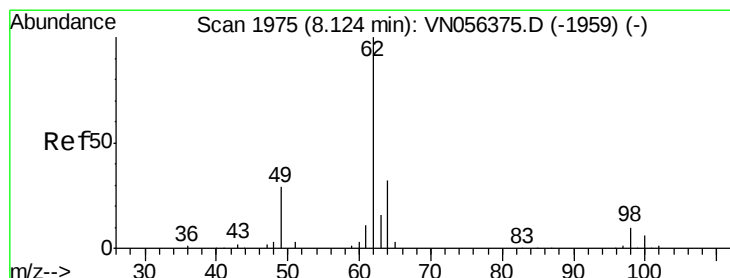
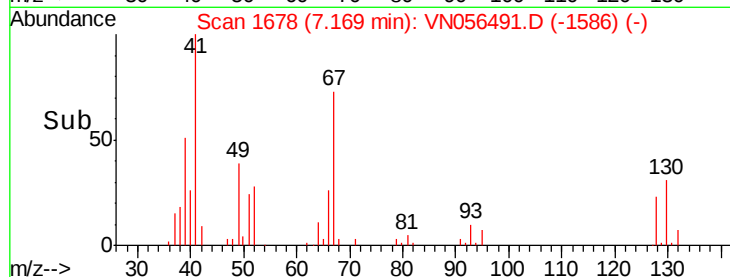
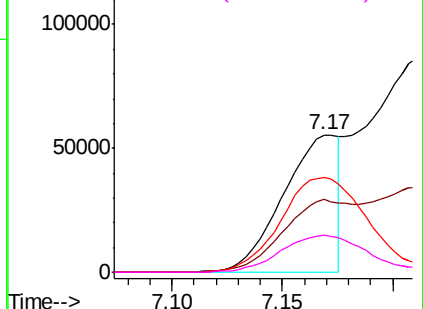
#41  
Methacrylonitrile  
Concen: 46.798 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. -0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

Tot Ion: 41 Resp: 96352  
Ion Ratio Lower Upper  
41 100  
39 63.9 55.3 82.9  
67 110.0 79.2 118.8  
52 42.7 31.4 47.0

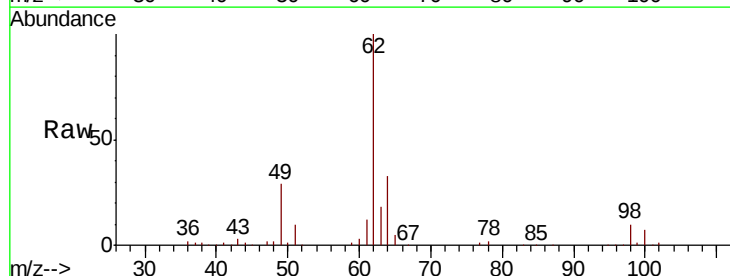


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

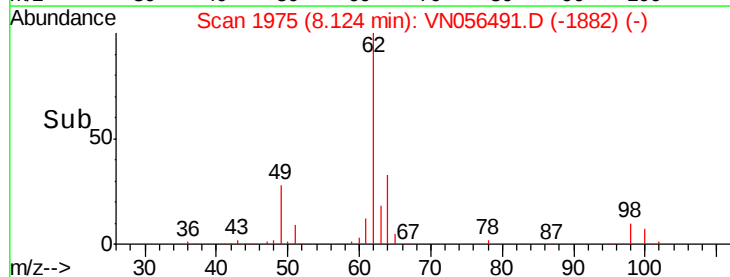
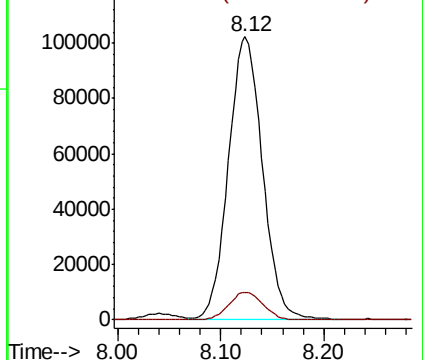


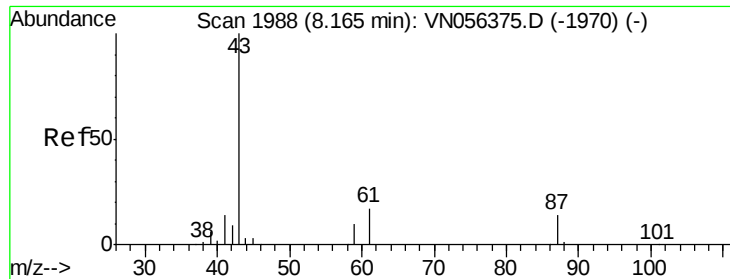
#42  
1,2-Dichloroethane  
Concen: 48.584 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 62 Resp: 233993  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 19.4



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





#43

Isopropyl Acetate

Concen: 57.030 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

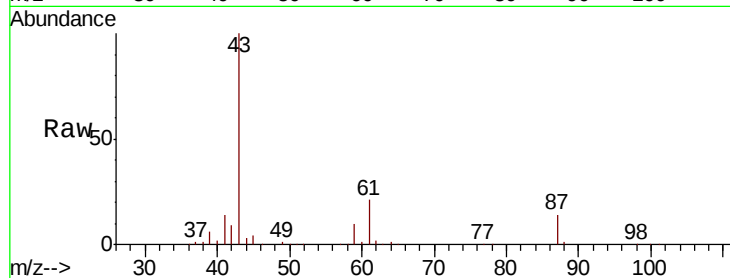
Tot Ion: 43 Resp: 410019

Ion Ratio Lower Upper

43 100

61 26.2 22.0 33.0

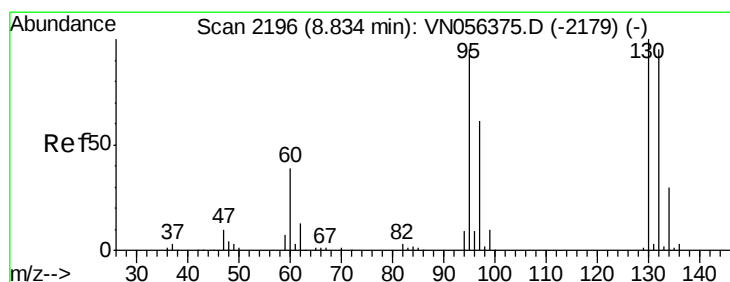
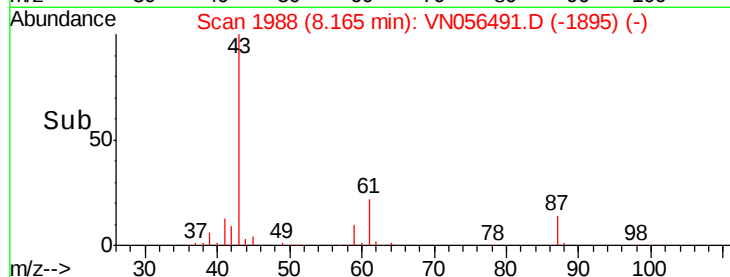
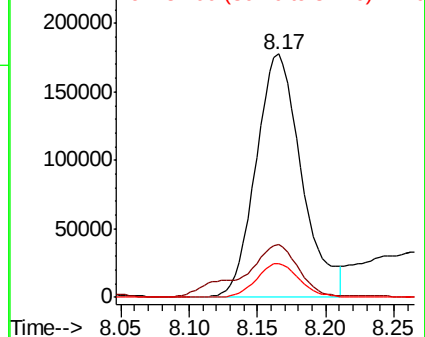
87 13.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056491.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056491.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056491.D (-1970) (-)



#44

Trichloroethene

Concen: 48.323 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056491.D

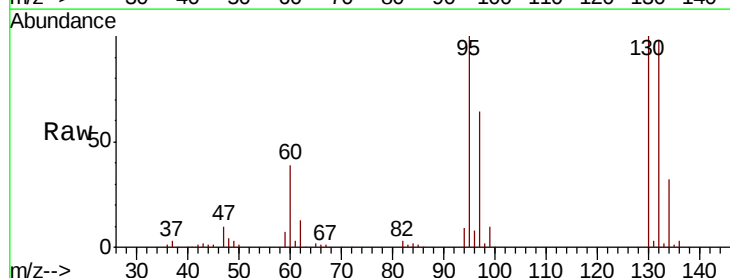
Acq: 25 Jun 2019 16:58

Tgt Ion:130 Resp: 189968

Ion Ratio Lower Upper

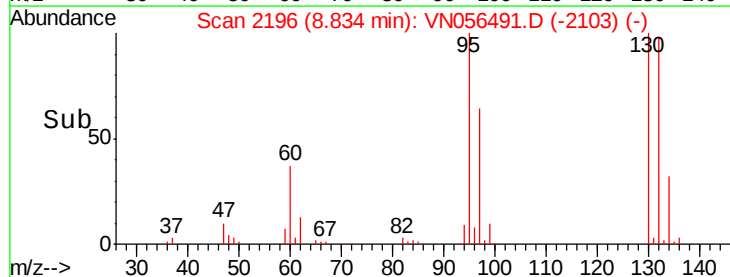
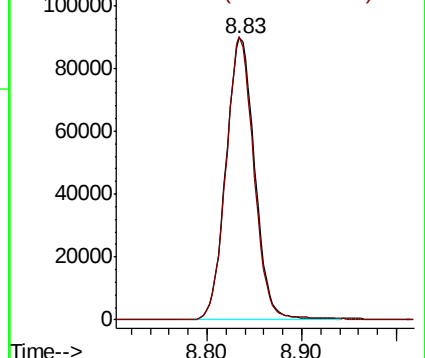
130 100

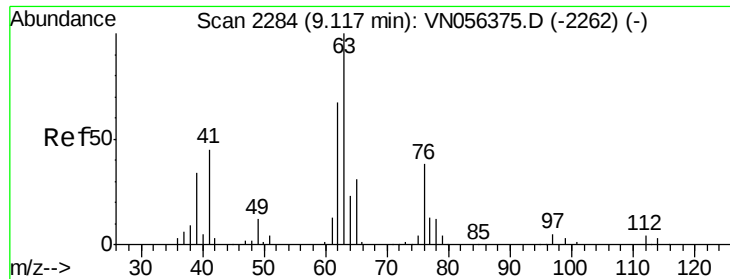
95 100.5 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056491.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056491.D (-2103) (-)

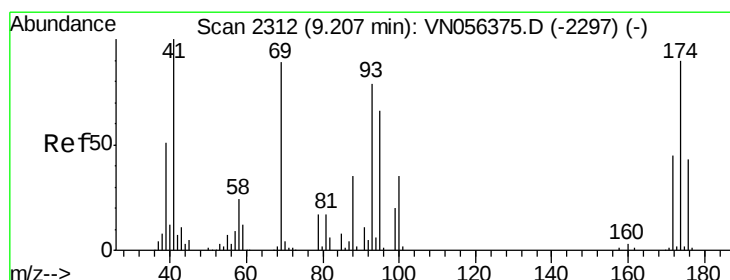
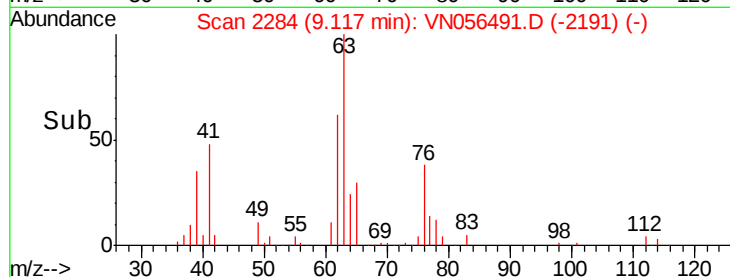
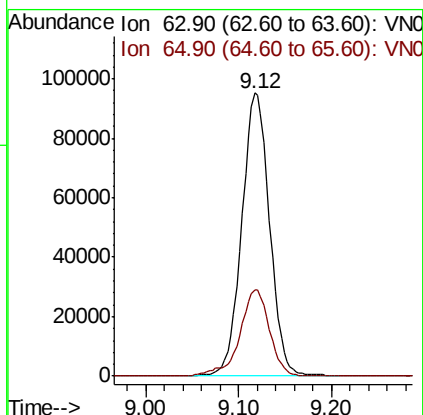
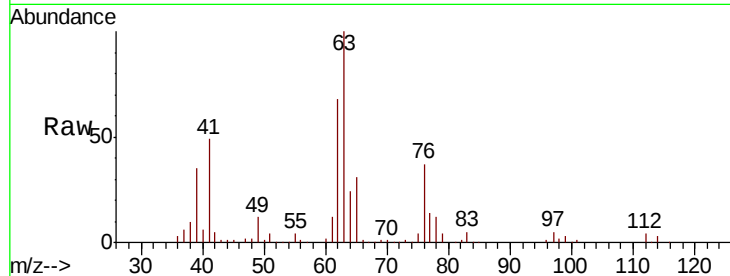




#45  
 1,2-Dichloropropane  
 Concen: 50.801 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

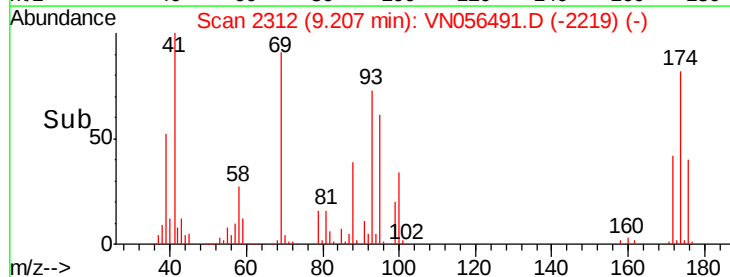
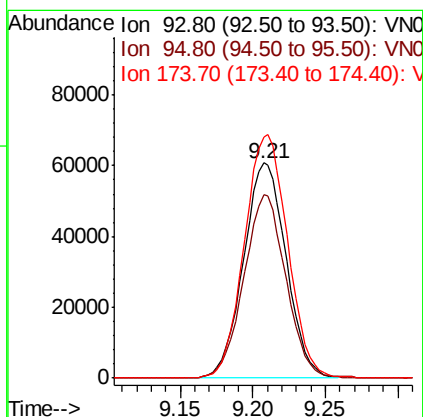
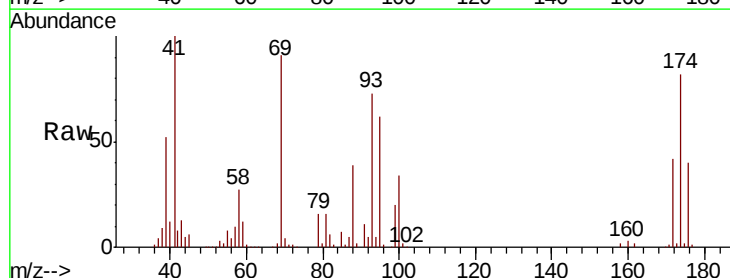
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

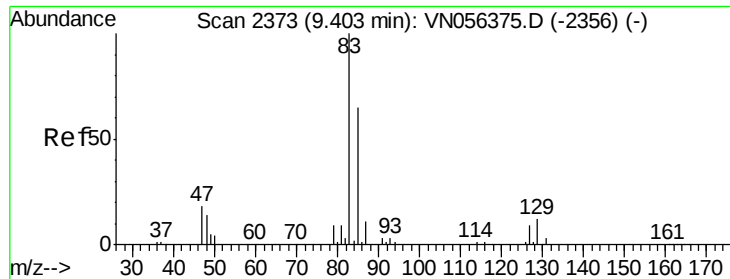
Tot Ion: 63 Resp: 198274  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 25.0 37.6



#46  
 Dibromomethane  
 Concen: 50.886 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 93 Resp: 124254  
 Ion Ratio Lower Upper  
 93 100  
 95 84.0 66.2 99.2  
 174 115.0 90.8 136.2





#47

Bromodichloromethane

Concen: 53.476 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

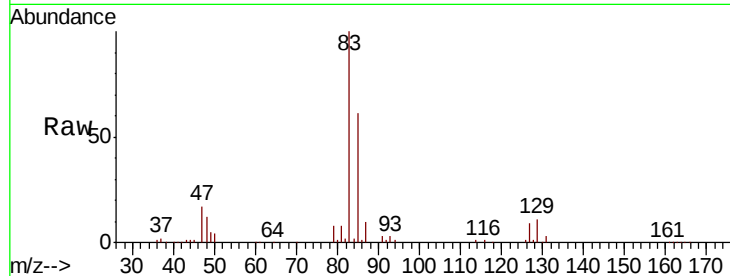
Tot Ion: 83 Resp: 231592

Ion Ratio Lower Upper

83 100

85 61.3 52.2 78.4

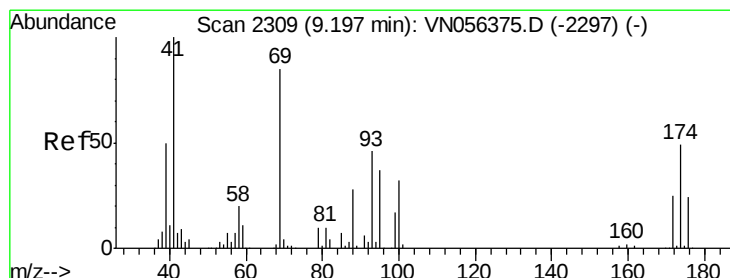
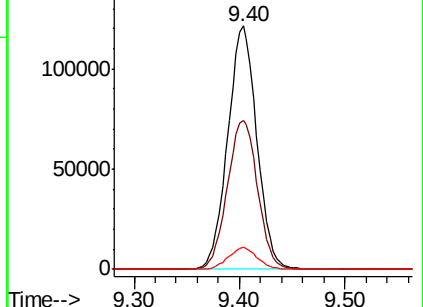
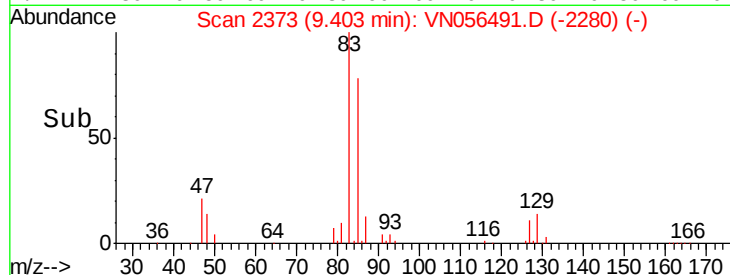
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056491.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056491.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056491.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.774 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

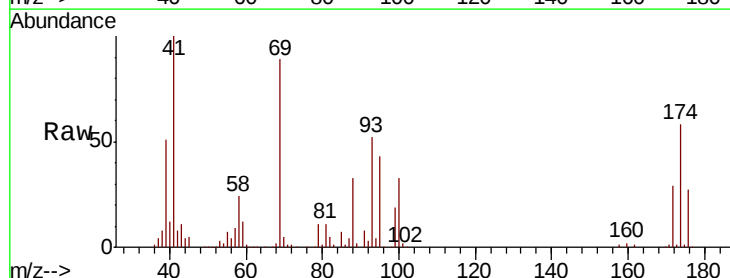
Tgt Ion: 41 Resp: 186533

Ion Ratio Lower Upper

41 100

69 90.6 72.6 109.0

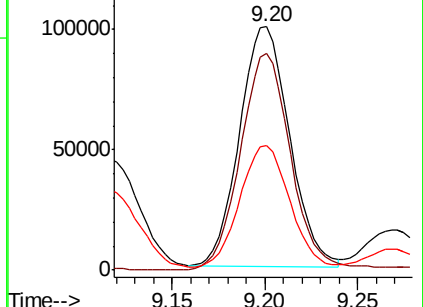
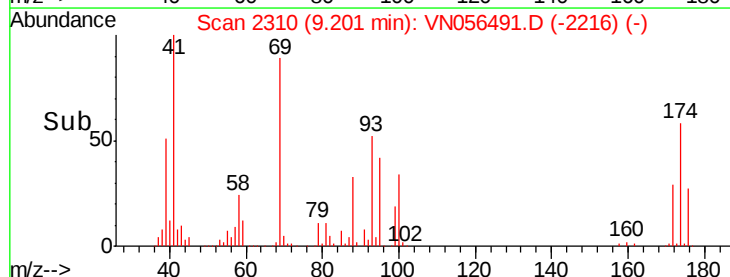
39 52.9 42.6 63.8

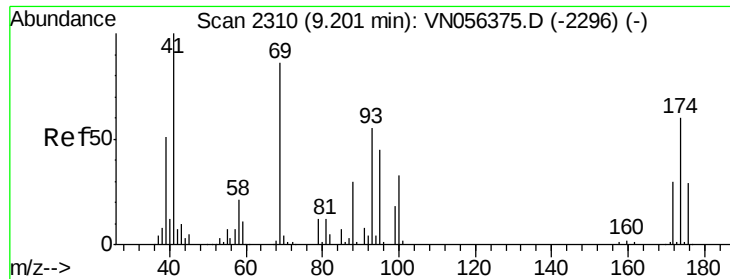


Abundance Ion 41.00 (40.70 to 41.70): VN056491.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056491.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056491.D (-2216) (-)

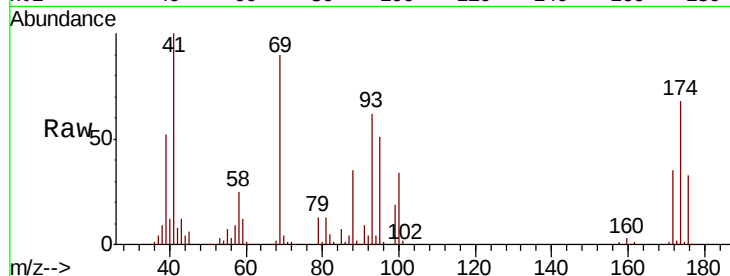




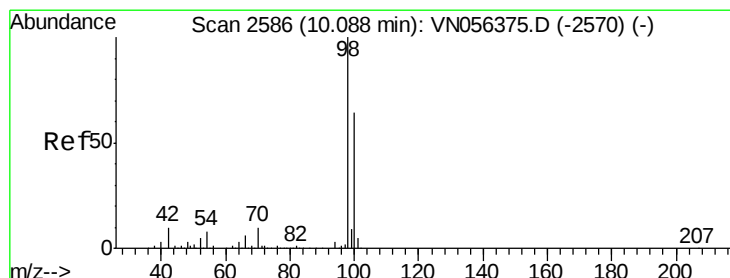
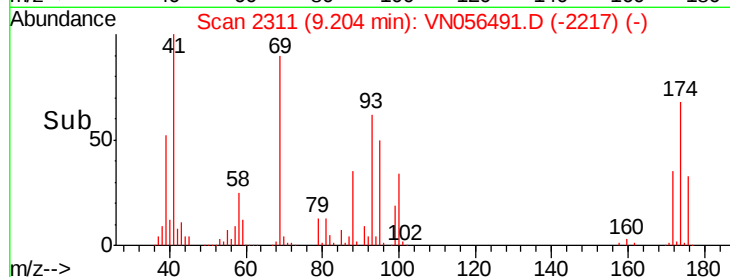
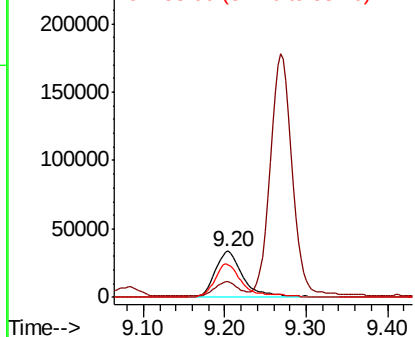
#49  
 1,4-Dioxane  
 Concen: 1113.616 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

Tot Ion: 88 Resp: 83261  
 Ion Ratio Lower Upper  
 88 100  
 43 26.4 22.0 33.0  
 58 72.6 51.8 77.8

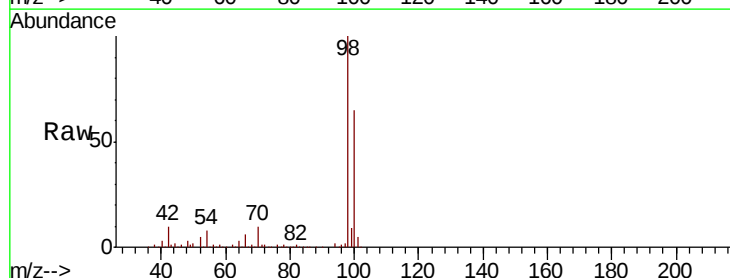


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

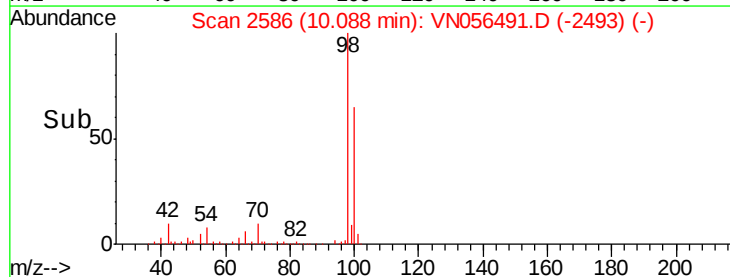
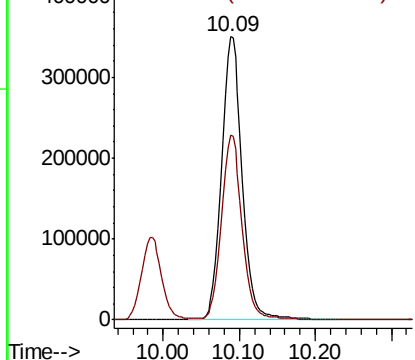


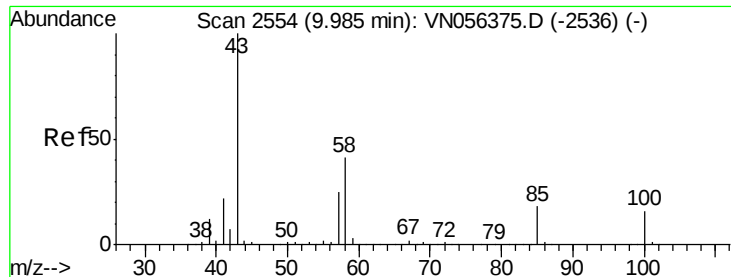
#50  
 Toluene-d8  
 Concen: 50.598 ug/l  
 RT: 10.09 min Scan# 2586  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 98 Resp: 662037  
 Ion Ratio Lower Upper  
 98 100  
 100 65.6 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: 272.900 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

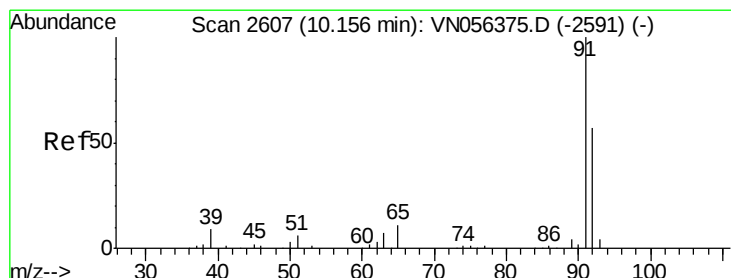
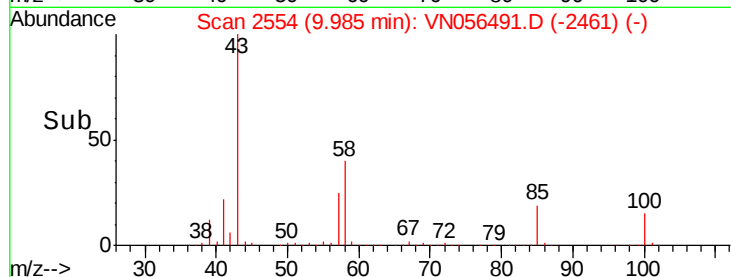
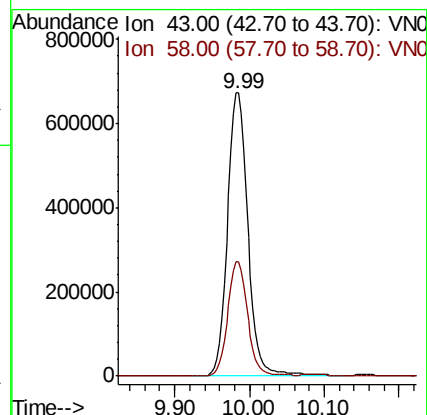
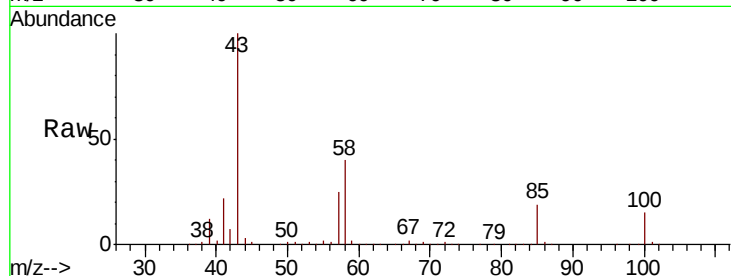
SP-19-LF2MW2MS

Tot Ion: 43 Resp: 1266361

Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.8



#52

Toluene

Concen: 49.108 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056491.D

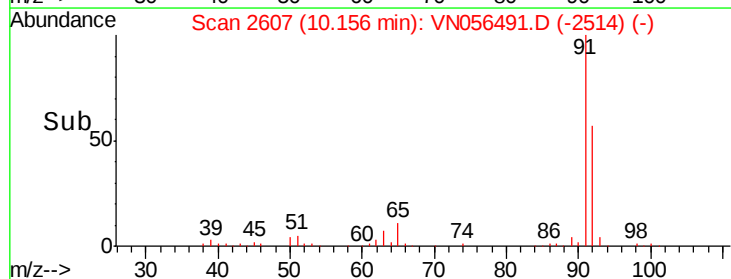
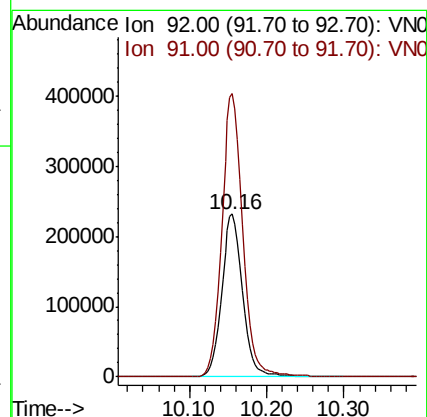
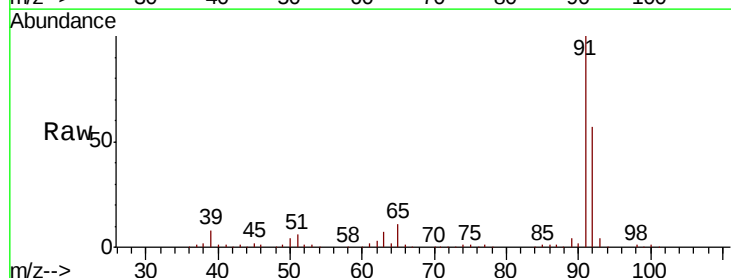
Acq: 25 Jun 2019 16:58

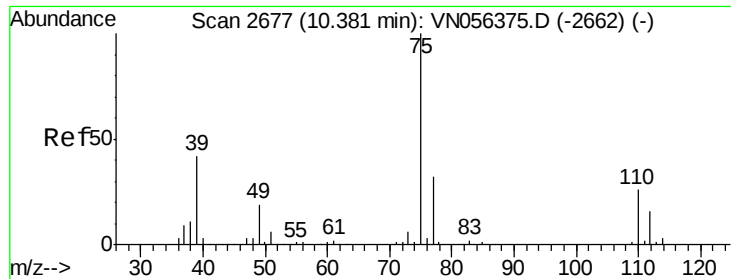
Tgt Ion: 92 Resp: 438164

Ion Ratio Lower Upper

92 100

91 174.8 140.6 211.0

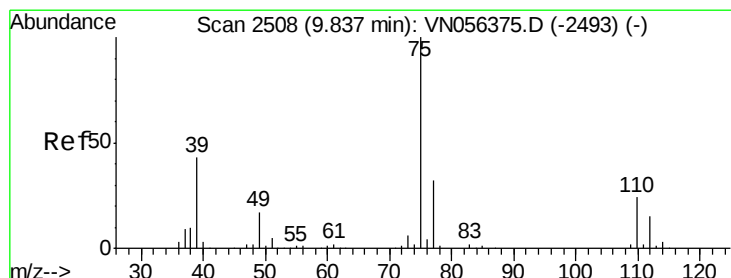
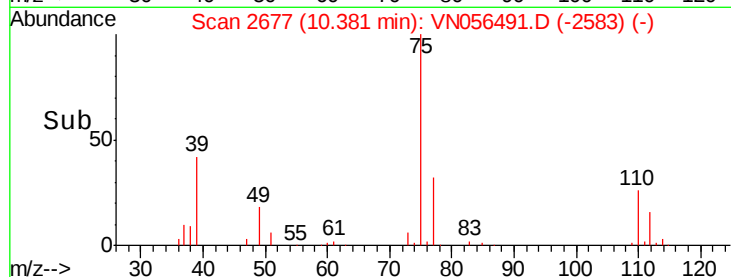
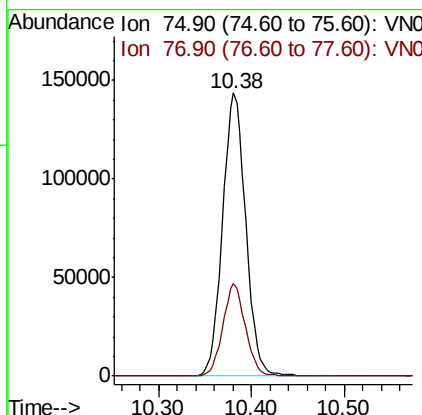
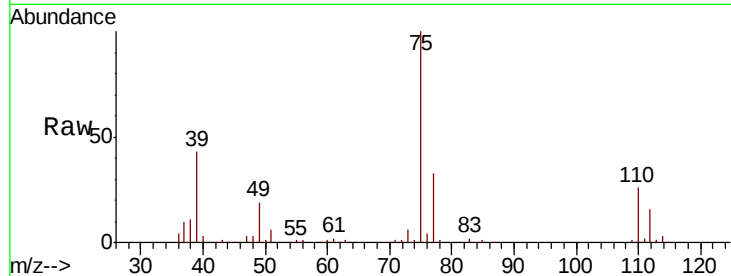




#53  
 t-1,3-Dichloropropene  
 Concen: 49.362 ug/l  
 RT: 10.38 min Scan# 2677  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

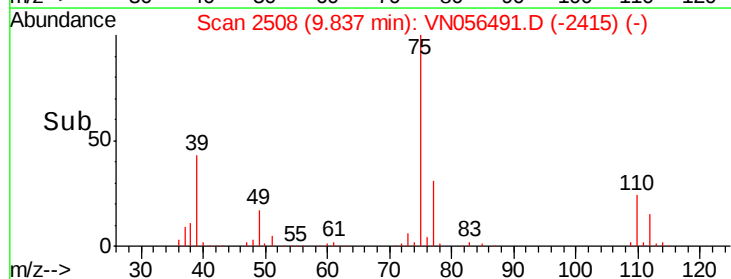
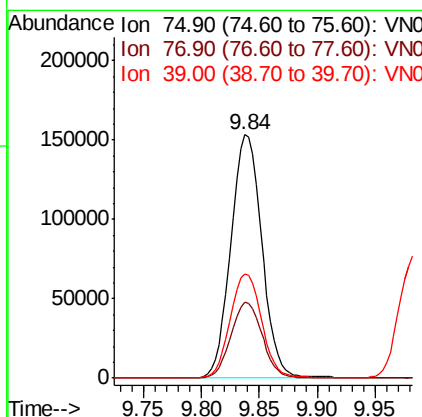
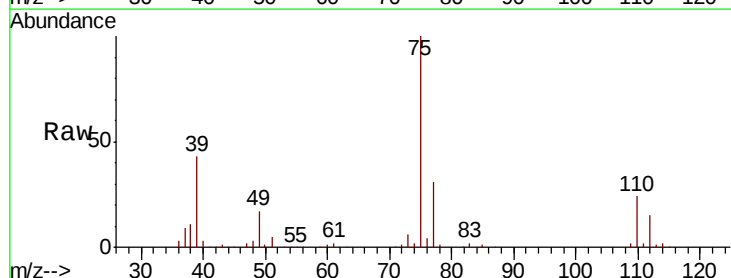
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

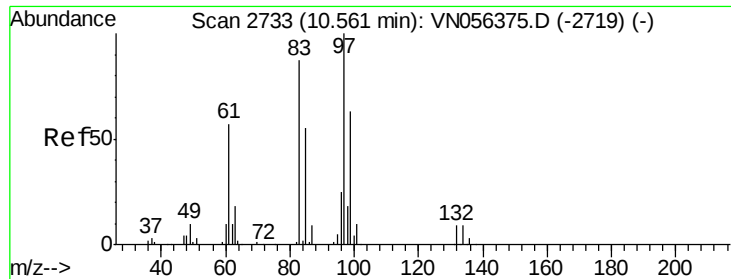
Tot Ion: 75 Resp: 248788  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.613 ug/l  
 RT: 9.84 min Scan# 2508  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 75 Resp: 284817  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.2 37.8  
 39 42.7 34.2 51.4





#55

1,1,2-Trichloroethane

Concen: 51.910 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

Tot Ion: 97 Resp: 186171

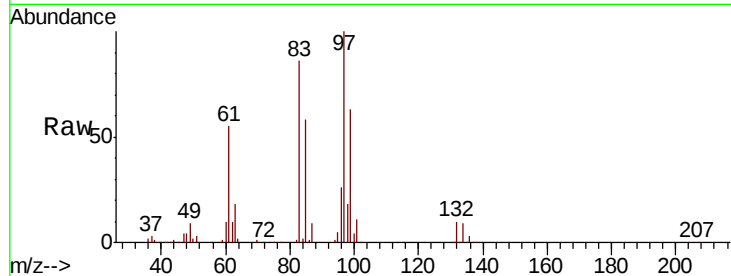
Ion Ratio Lower Upper

97 100

83 85.9 69.8 104.6

85 57.6 43.8 65.8

99 62.7 50.2 75.2

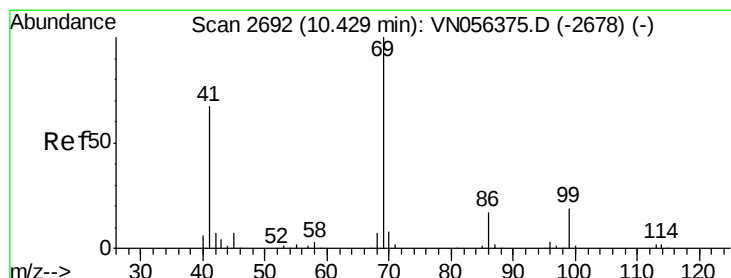
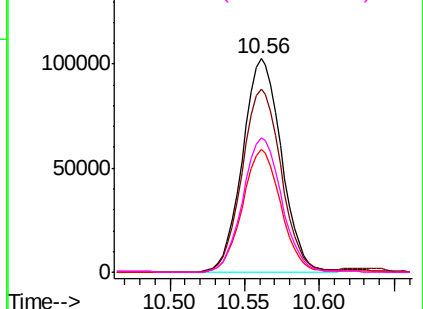
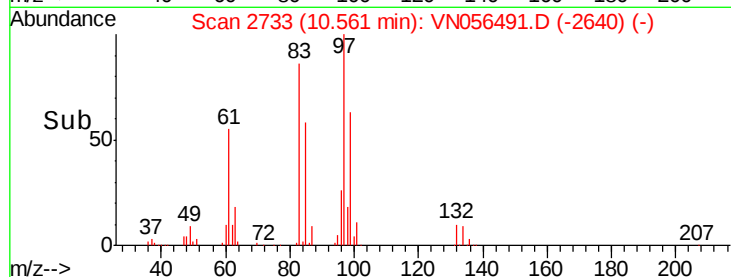


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 54.456 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

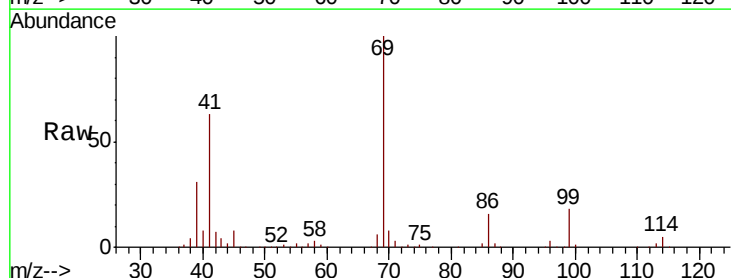
Tgt Ion: 69 Resp: 285419

Ion Ratio Lower Upper

69 100

41 62.6 51.4 77.2

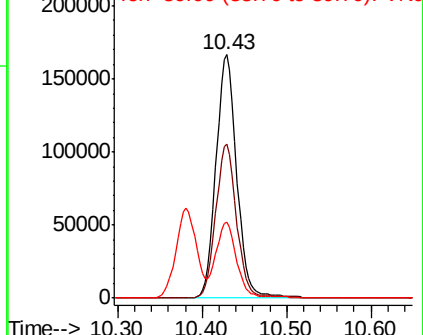
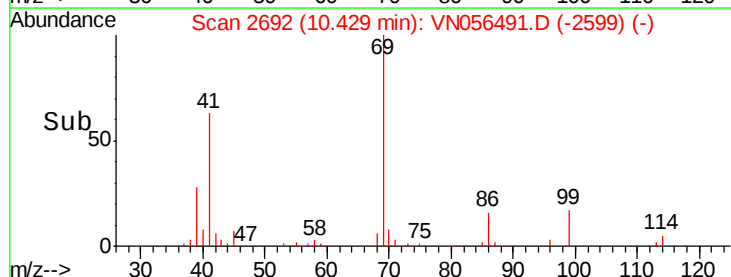
39 29.5 24.7 37.1

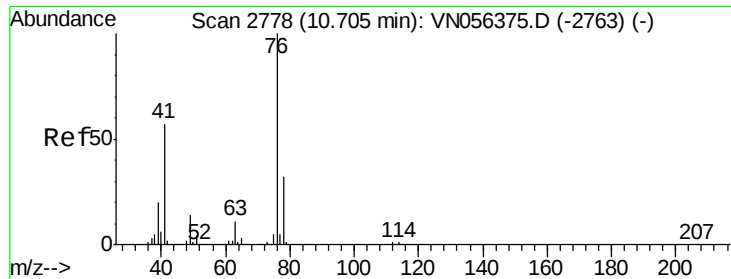


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

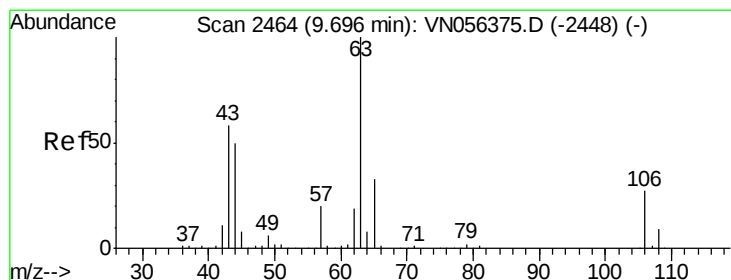
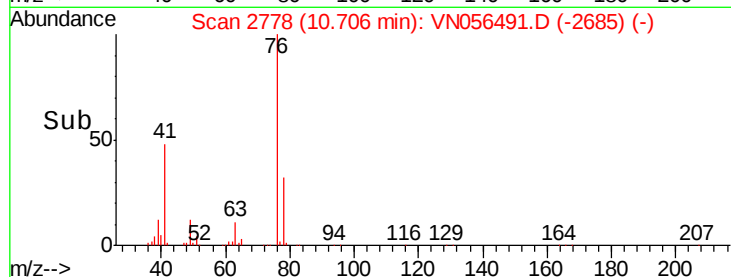
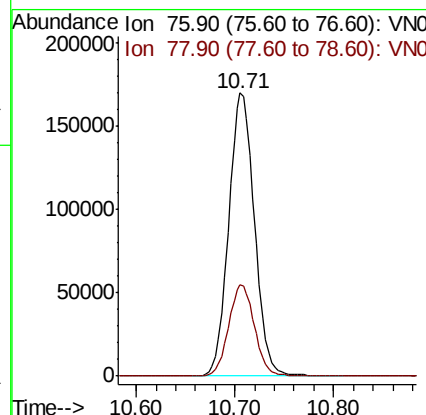
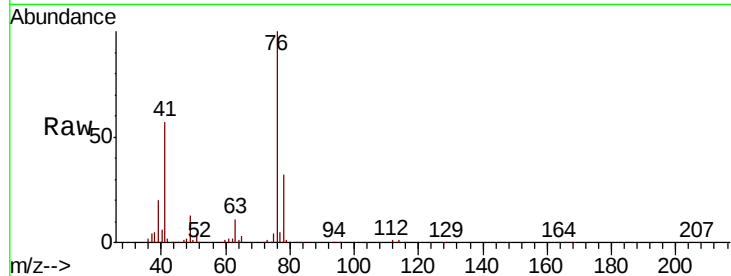




#57  
 1,3-Dichloropropane  
 Concen: 51.739 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

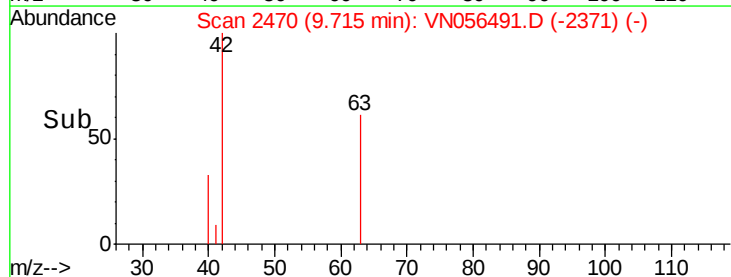
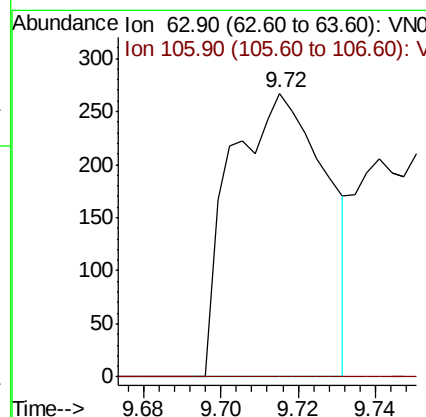
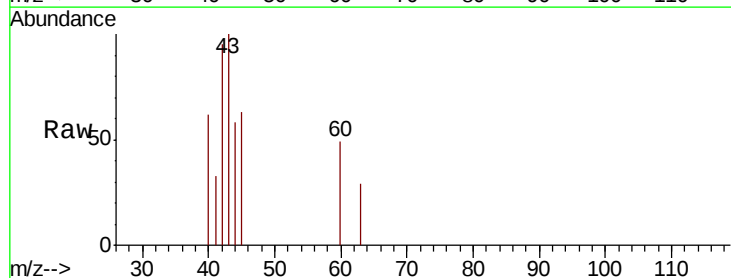
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

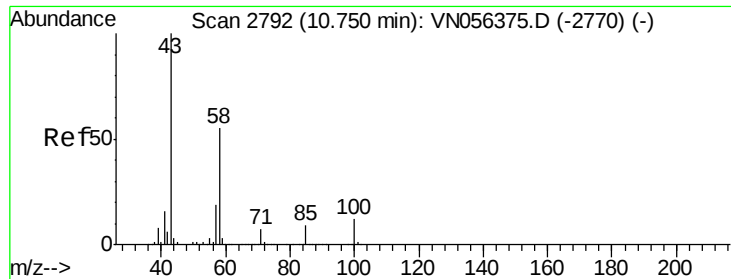
Tot Ion: 76 Resp: 311725  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.9 38.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 0.243 ug/l  
 RT: 9.72 min Scan# 2470  
 Delta R.T. 0.02 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 63 Resp: 457  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 21.6 32.4#

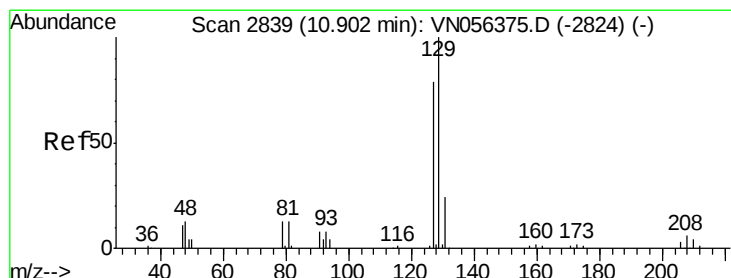
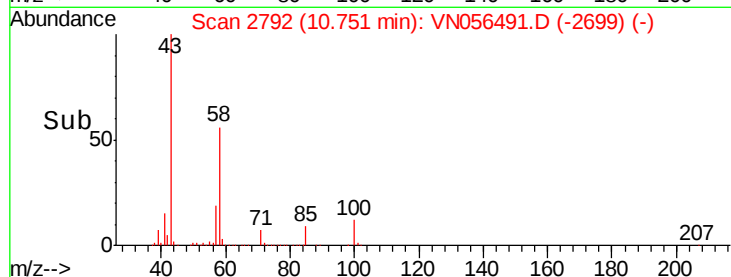
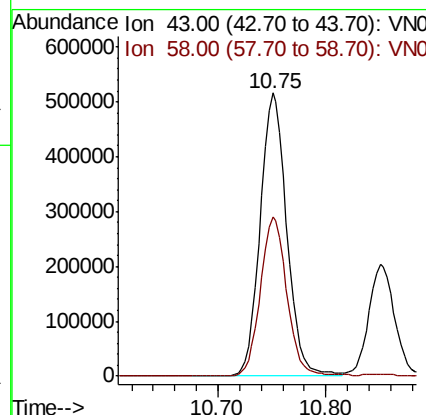
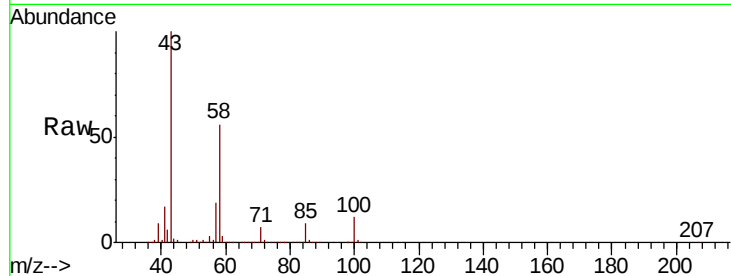




#59  
2-Hexanone  
Concen: 257.710 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

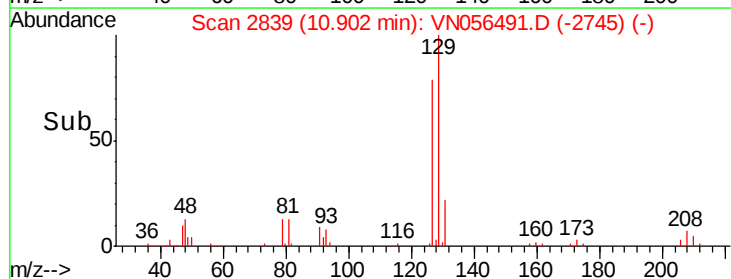
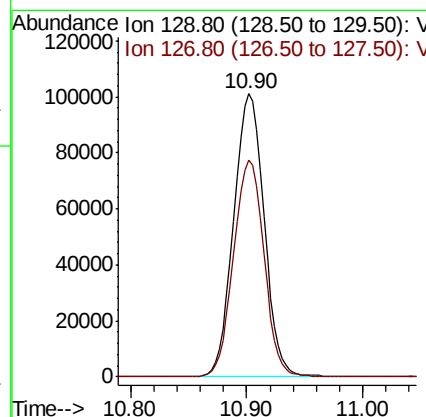
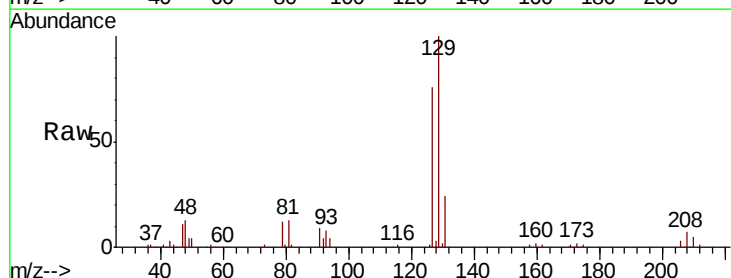
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

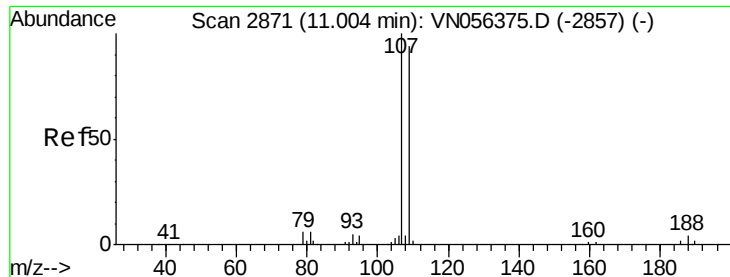
Tot Ion: 43 Resp: 878925  
Ion Ratio Lower Upper  
43 100  
58 56.2 27.8 83.4



#60  
Dibromochloromethane  
Concen: 49.759 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 129 Resp: 183385  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.9 116.7

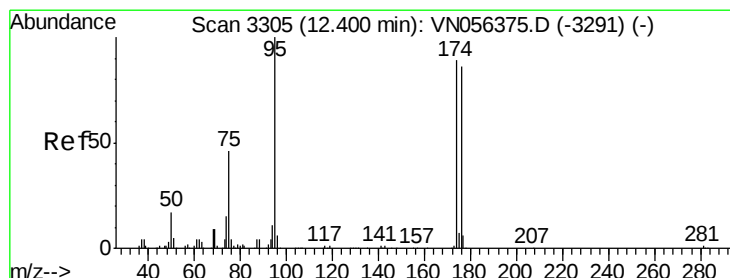
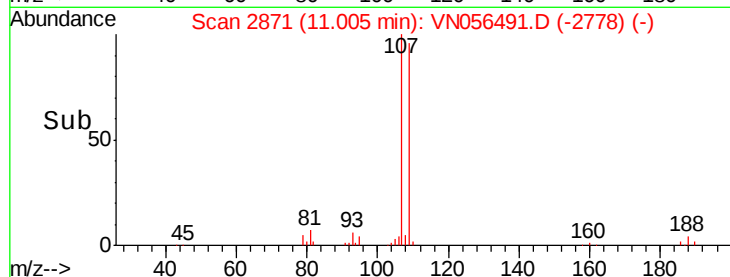
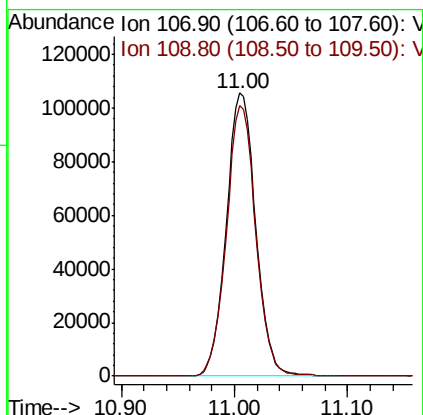
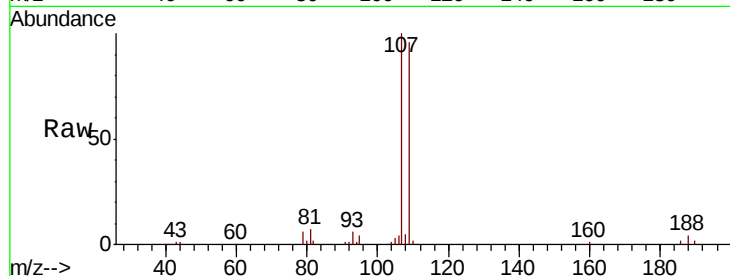




#61  
 1,2-Dibromoethane  
 Concen: 52.170 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

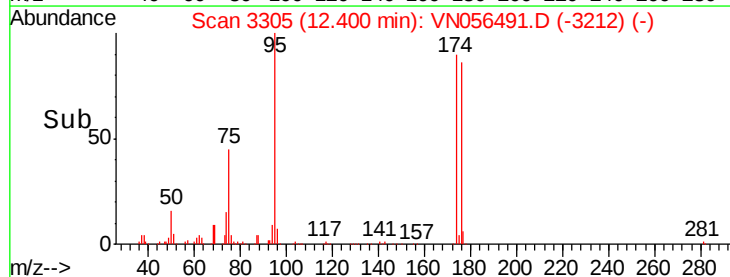
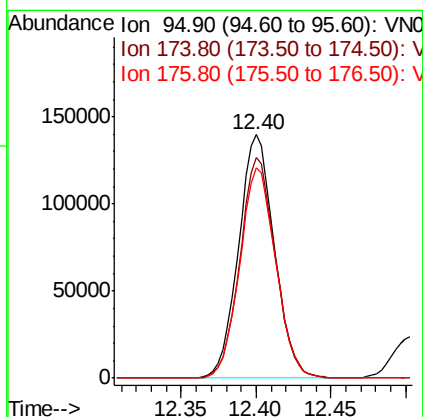
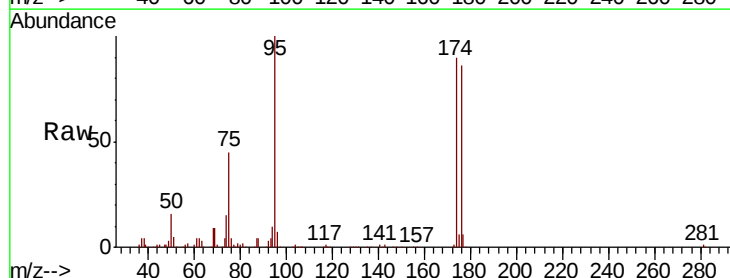
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

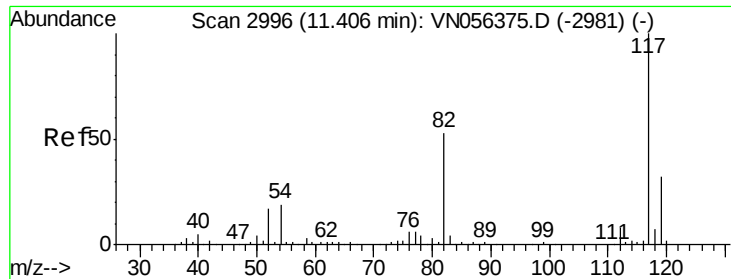
Tot Ion: 107 Resp: 191096  
 Ion Ratio Lower Upper  
 107 100  
 109 95.4 75.3 112.9



#62  
 4-Bromofluorobenzene  
 Concen: 53.165 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 95 Resp: 231894  
 Ion Ratio Lower Upper  
 95 100  
 174 90.3 0.0 179.4  
 176 87.1 0.0 173.4

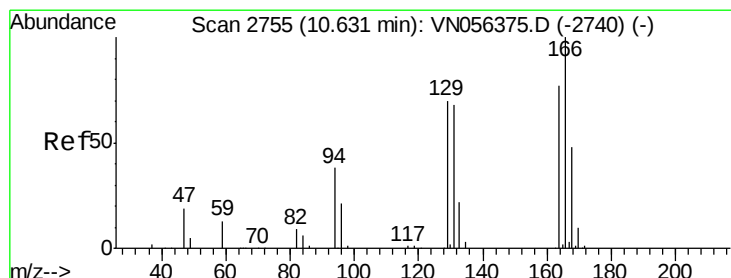
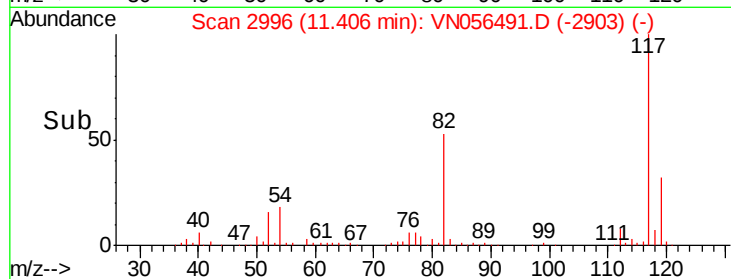
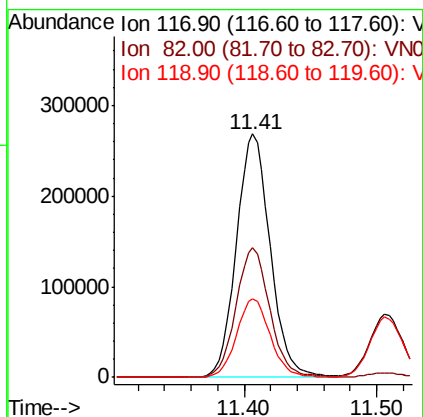
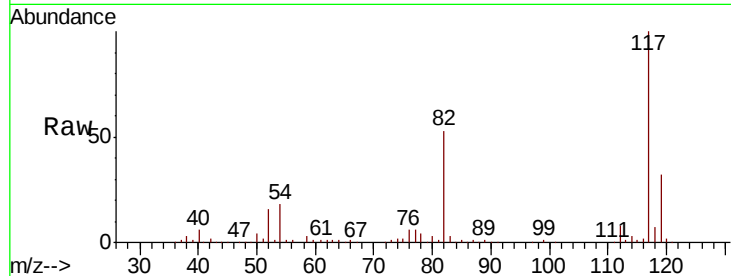




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

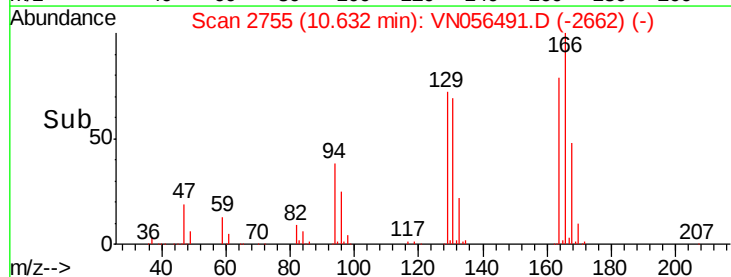
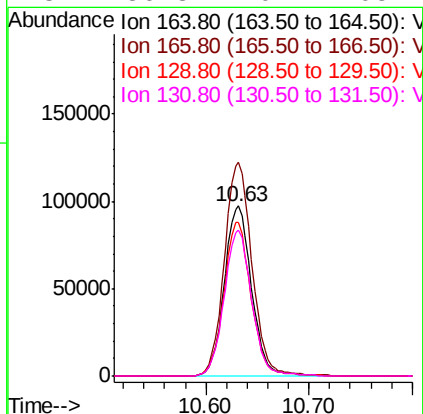
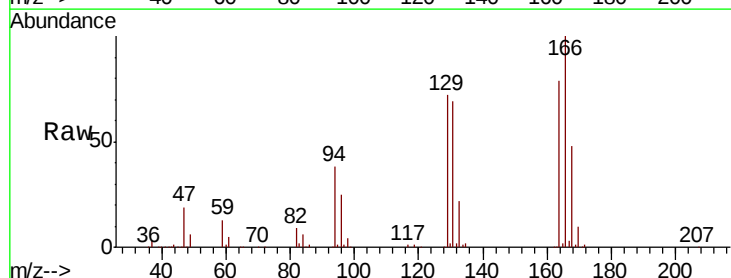
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

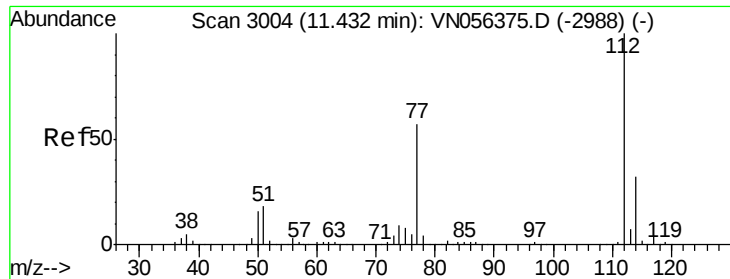
Tot Ion:117 Resp: 476056  
Ion Ratio Lower Upper  
117 100  
82 53.2 42.0 63.0  
119 32.3 25.3 37.9



#64  
Tetrachloroethene  
Concen: 47.609 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion:164 Resp: 179485  
Ion Ratio Lower Upper  
164 100  
166 125.9 103.4 155.0  
129 90.8 72.0 108.0  
131 86.3 70.2 105.2

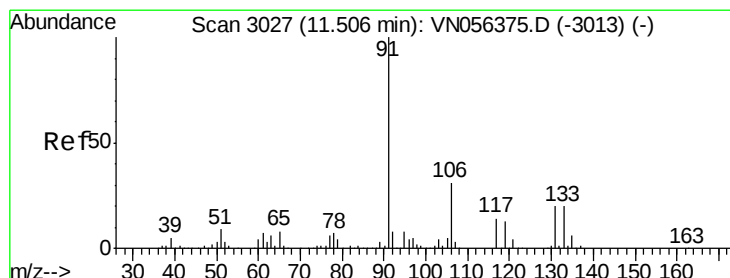
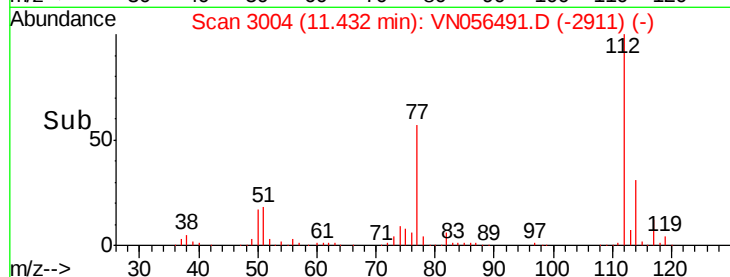
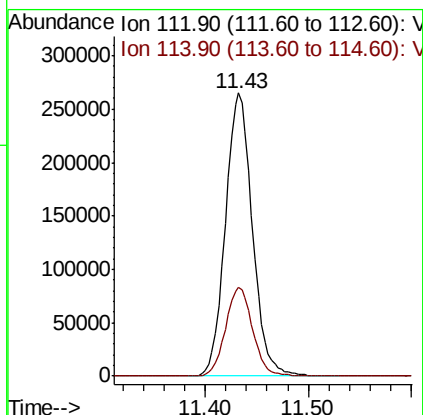
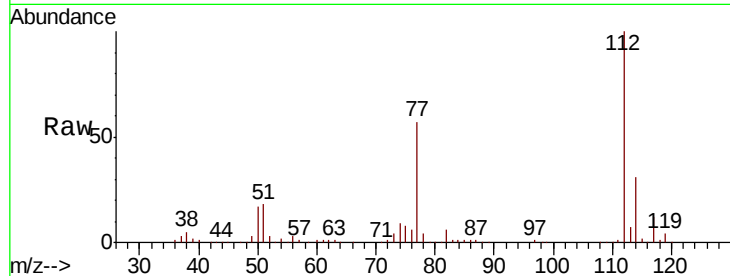




#65  
Chlorobenzene  
Concen: 50.449 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

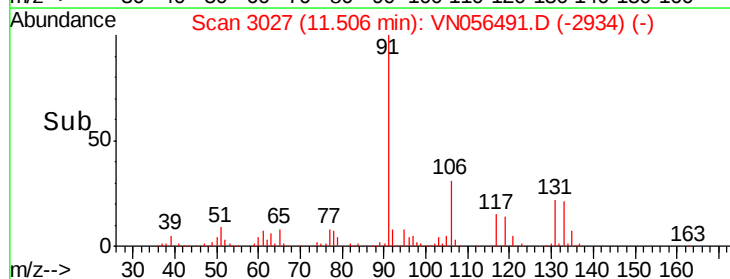
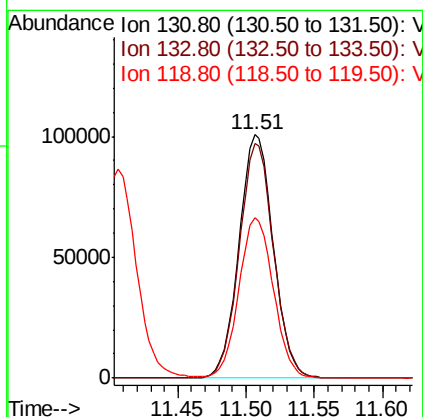
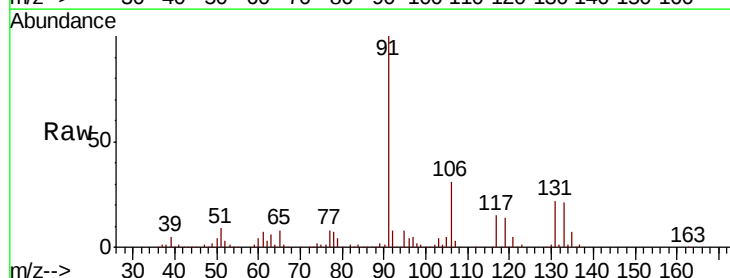
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

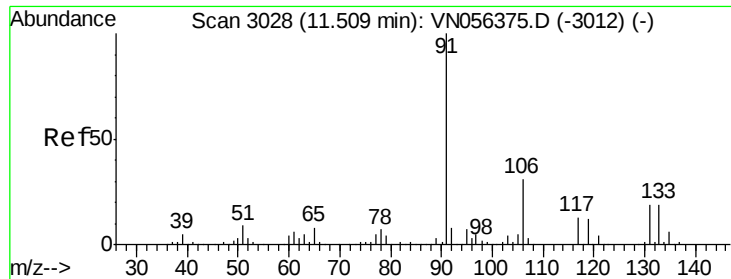
Tot Ion:112 Resp: 482580  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.488 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion:131 Resp: 176157  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.4 142.2  
119 66.3 32.8 98.4

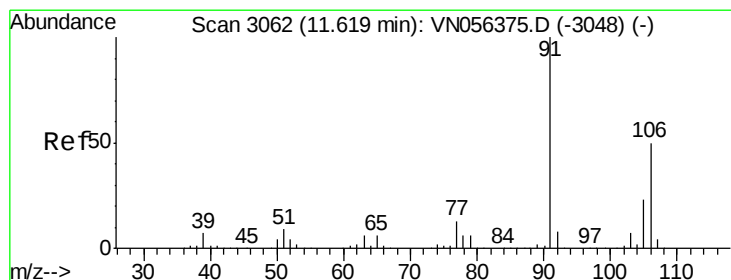
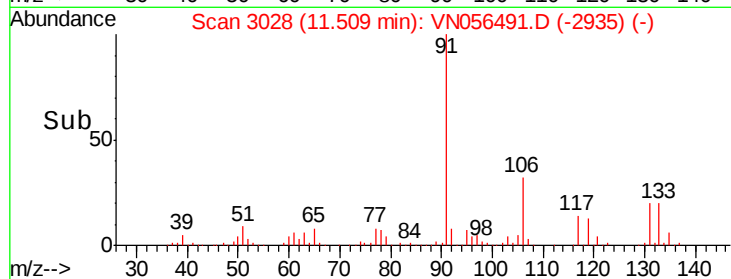
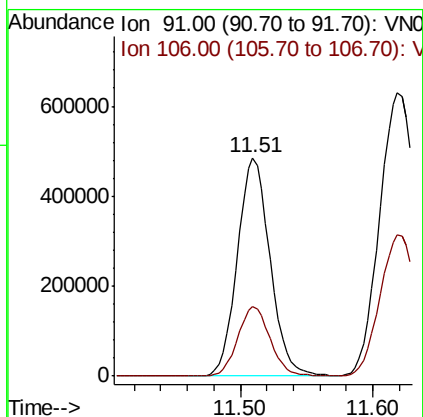
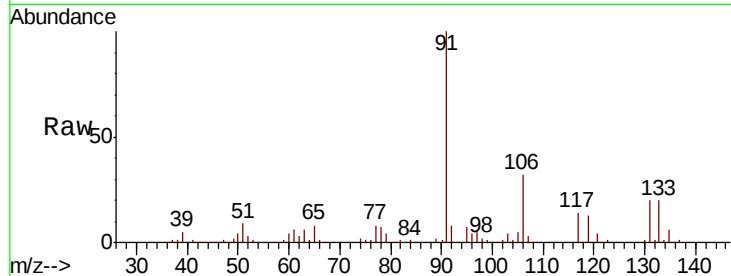




#67  
Ethyl Benzene  
Concen: 49.553 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

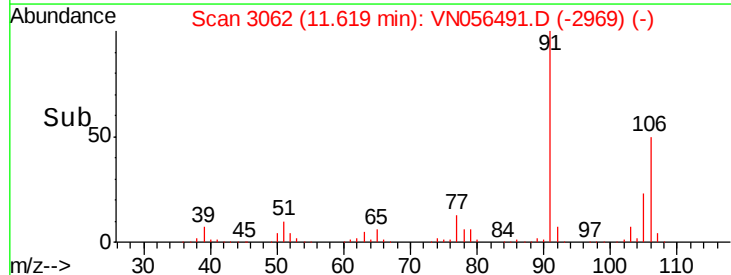
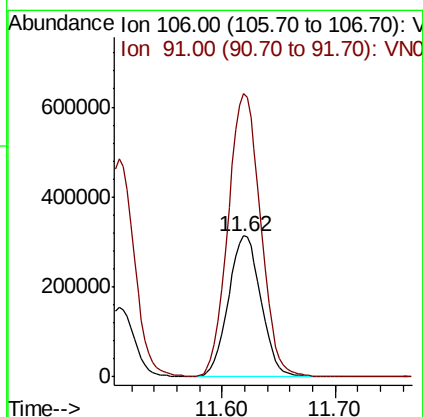
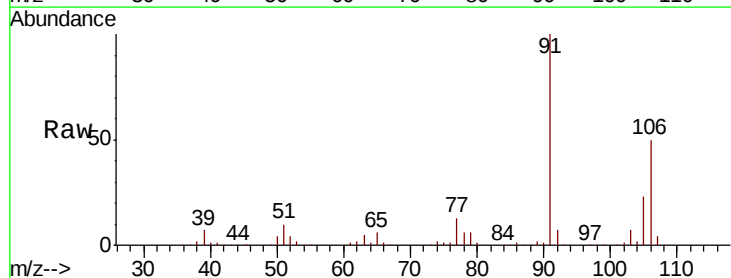
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MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

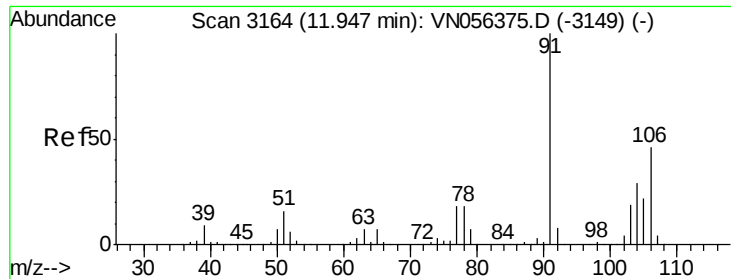
Tot Ion: 91 Resp: 832292  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.1 37.7



#68  
m/p-Xylenes  
Concen: 102.130 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion: 106 Resp: 628644  
Ion Ratio Lower Upper  
106 100  
91 200.3 160.1 240.1

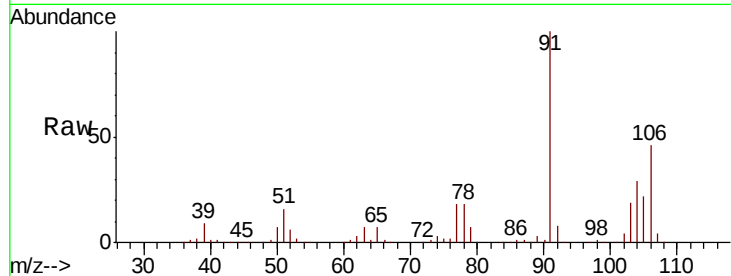




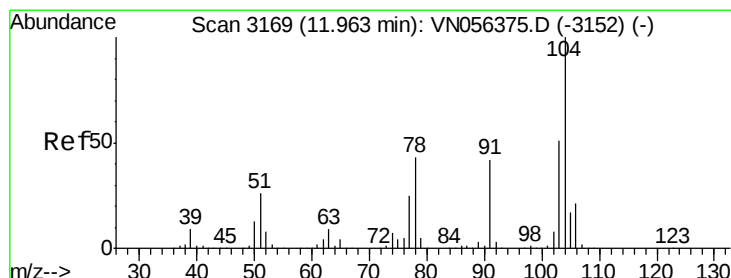
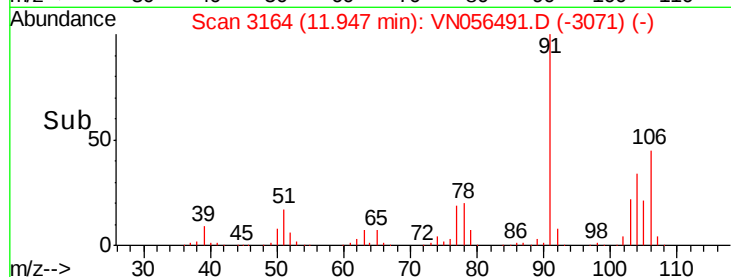
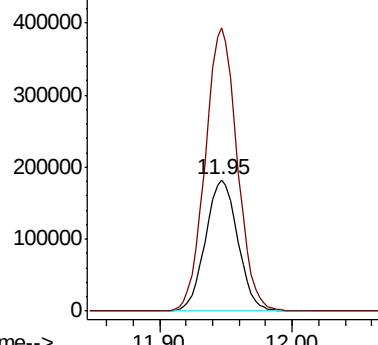
#69  
o-Xylene  
Concen: 50.722 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

Tot Ion:106 Resp: 308882  
Ion Ratio Lower Upper  
106 100  
91 212.8 107.1 321.3

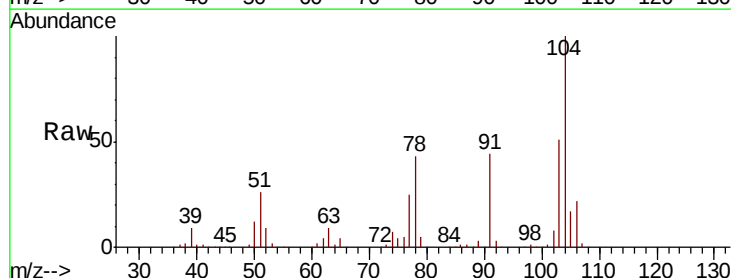


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

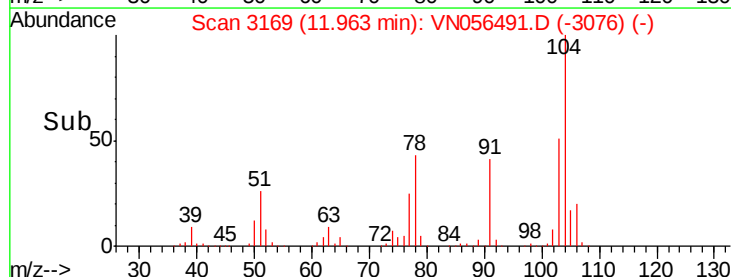
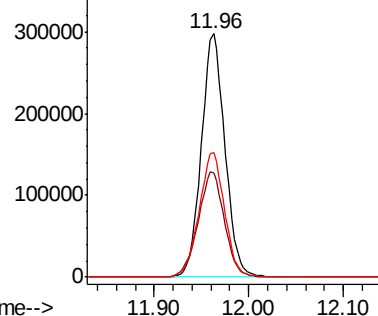


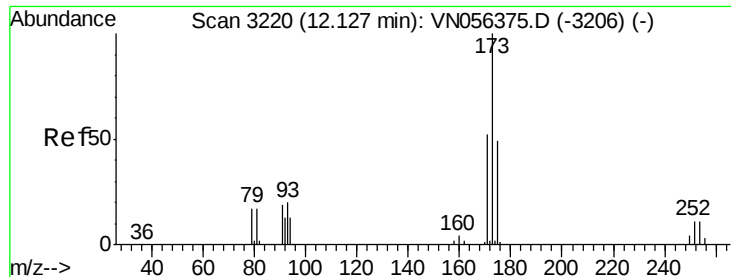
#70  
Styrene  
Concen: 53.000 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion:104 Resp: 515893  
Ion Ratio Lower Upper  
104 100  
78 47.8 38.6 57.8  
103 55.3 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

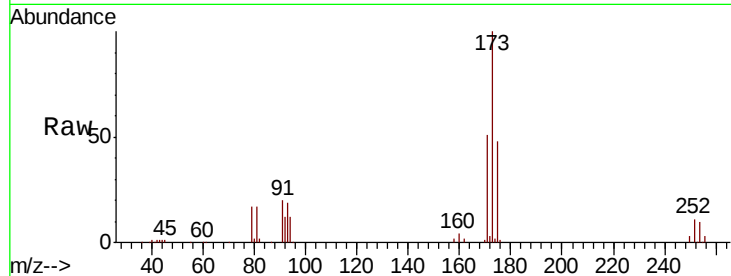




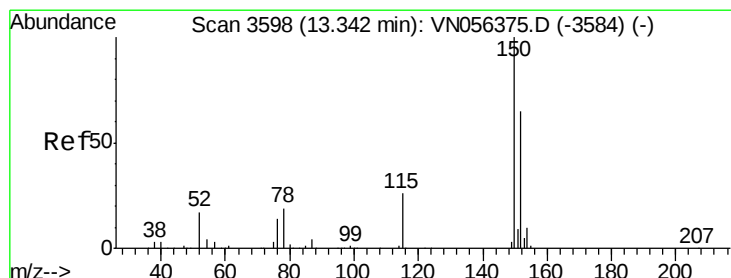
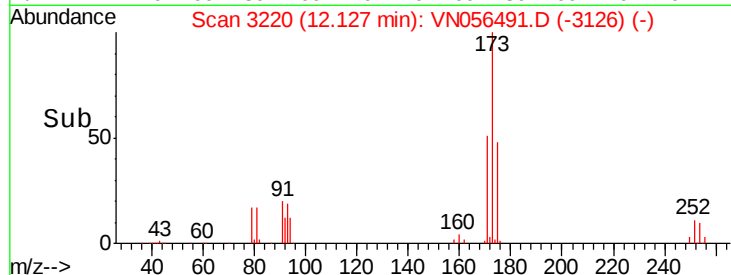
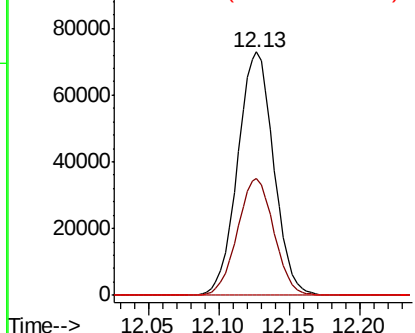
#71  
Bromoform  
Concen: 49.958 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

Tot Ion:173 Resp: 130290  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.4 73.4  
254 0.0 0.0 0.0#

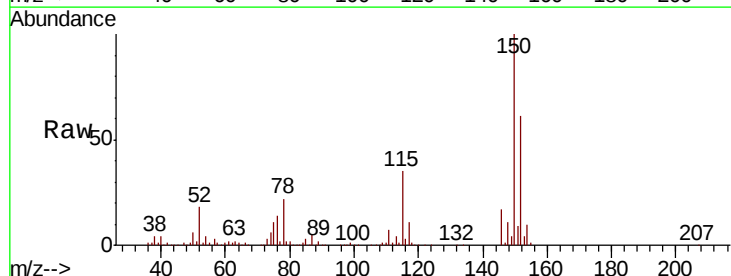


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

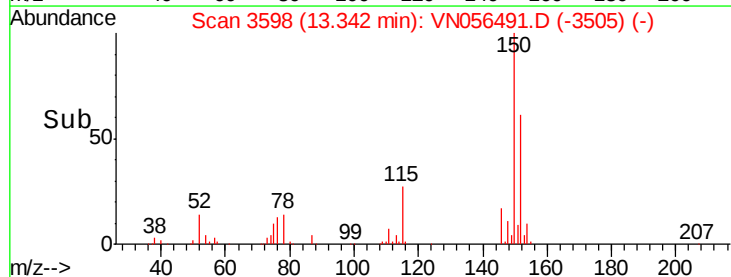
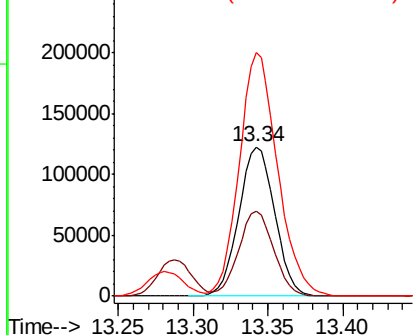


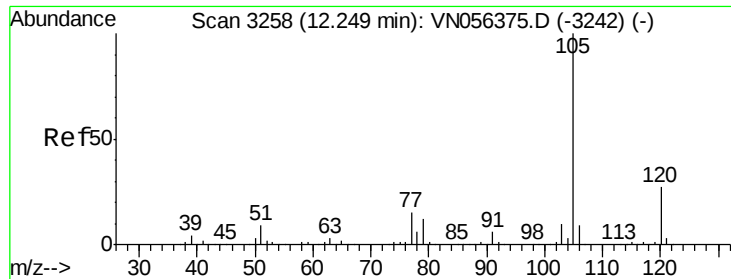
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion:152 Resp: 204399  
Ion Ratio Lower Upper  
152 100  
115 55.5 28.1 84.4  
150 174.5 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: 53.972 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

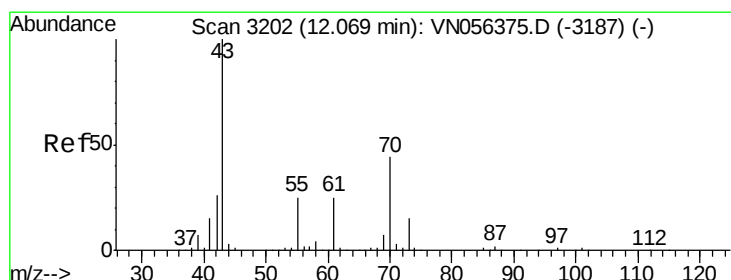
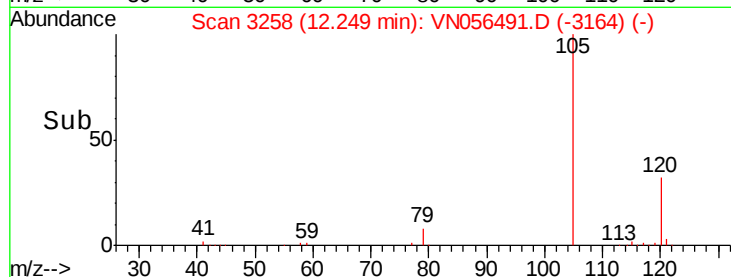
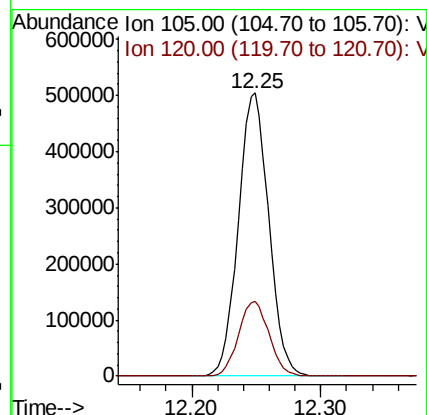
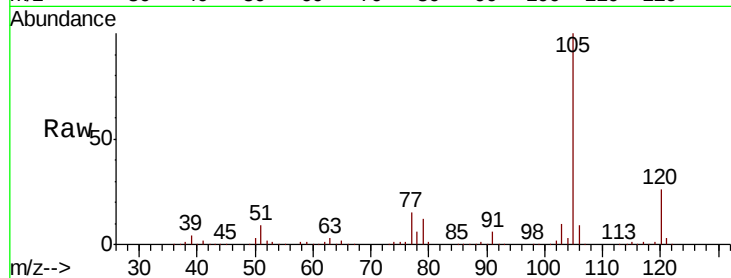
SP-19-LF2MW2MS

Tot Ion:105 Resp: 825328

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 49.076 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Tgt Ion: 43 Resp: 319249

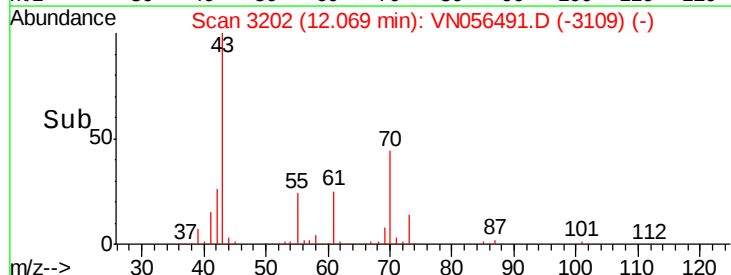
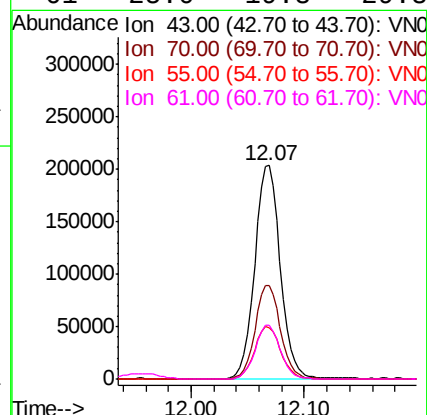
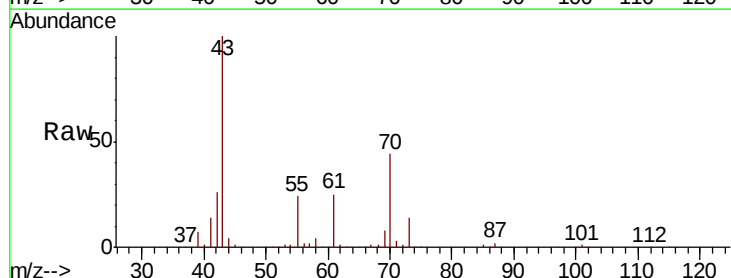
Ion Ratio Lower Upper

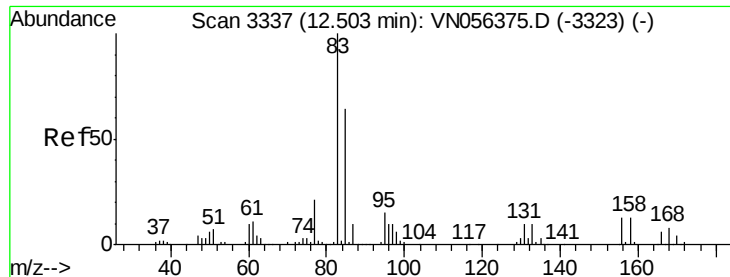
43 100

70 43.6 34.9 52.3

55 25.2 20.4 30.6

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 56.486 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

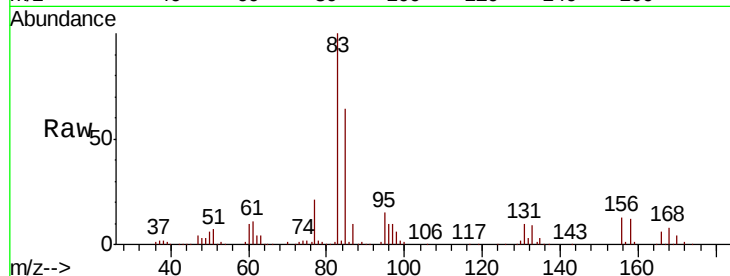
Tot Ion: 83 Resp: 266574

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

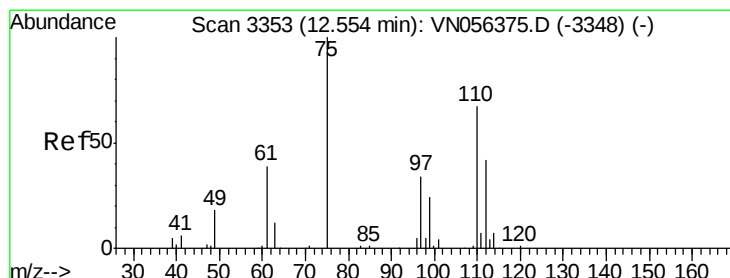
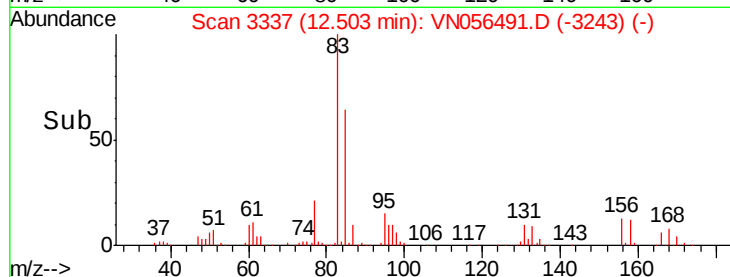
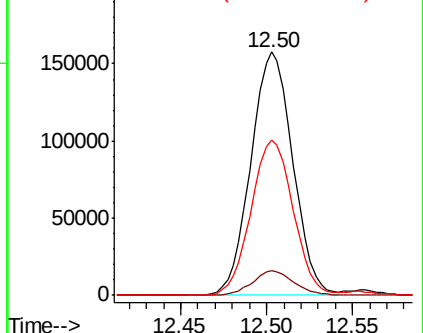
85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 73.954 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056491.D

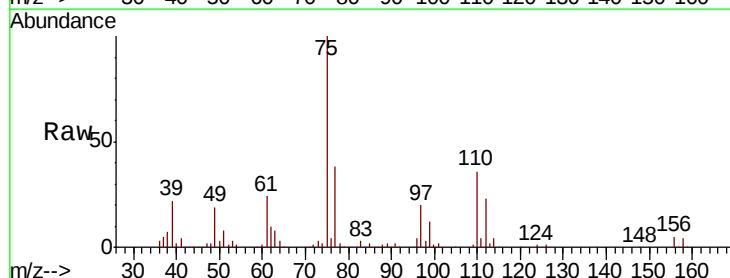
Acq: 25 Jun 2019 16:58

Tgt Ion: 75 Resp: 313436

Ion Ratio Lower Upper

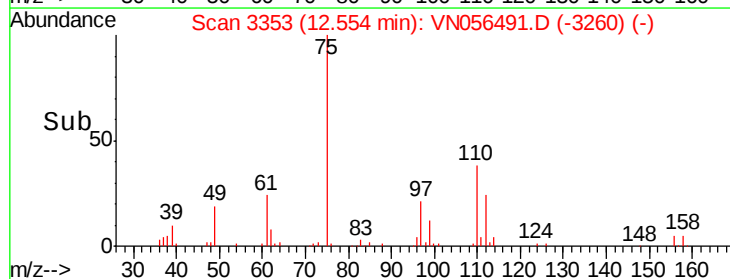
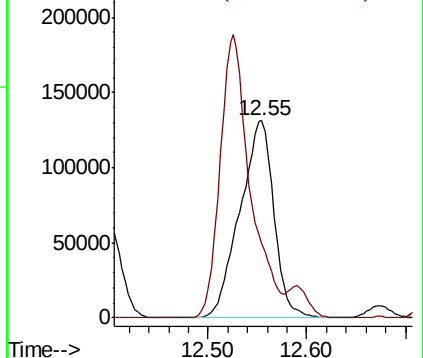
75 100

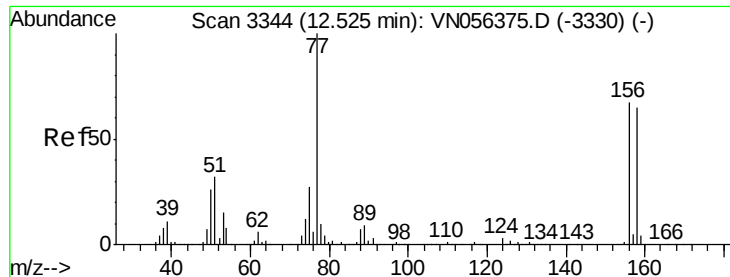
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.021 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

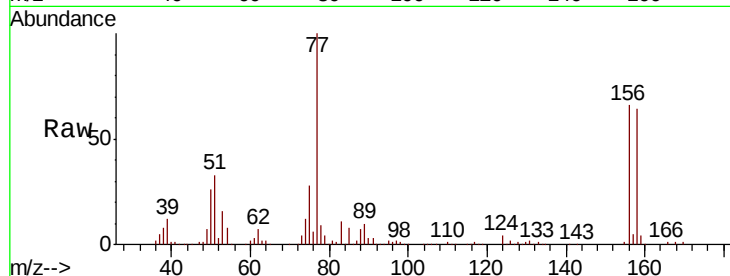
Tot Ion:156 Resp: 214902

Ion Ratio Lower Upper

156 100

77 188.2 92.5 277.3

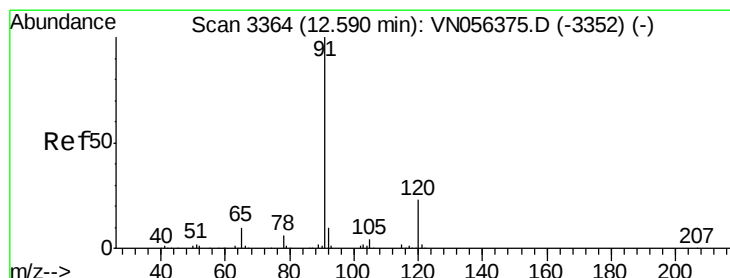
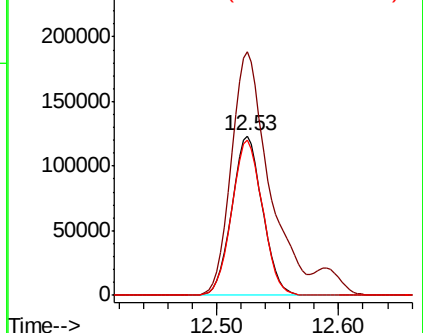
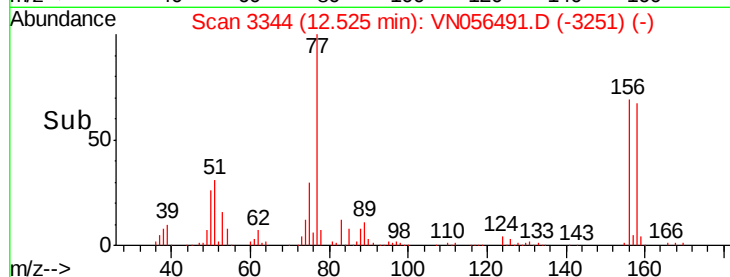
158 97.6 48.7 146.1



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: 47.089 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056491.D

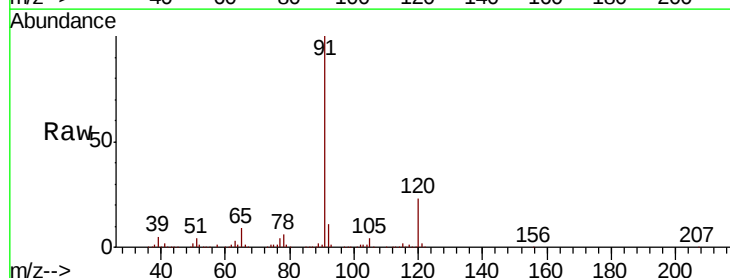
Acq: 25 Jun 2019 16:58

Tgt Ion: 91 Resp: 881404

Ion Ratio Lower Upper

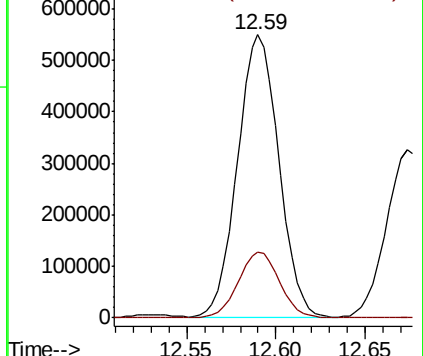
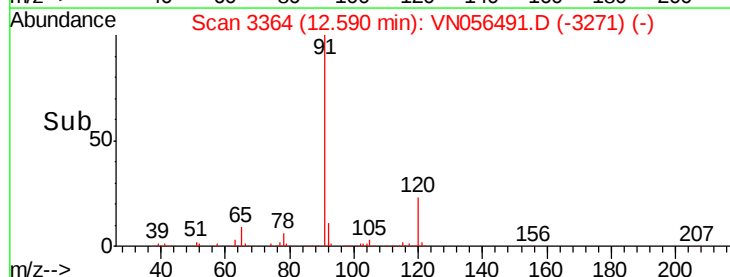
91 100

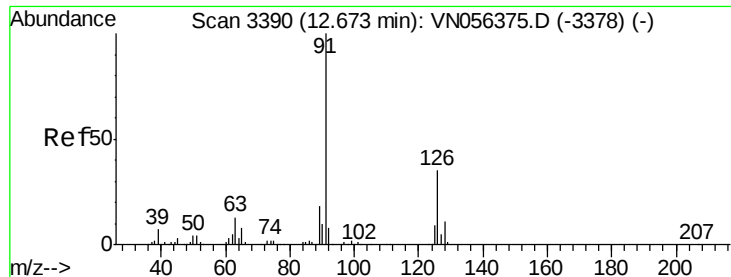
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.979 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

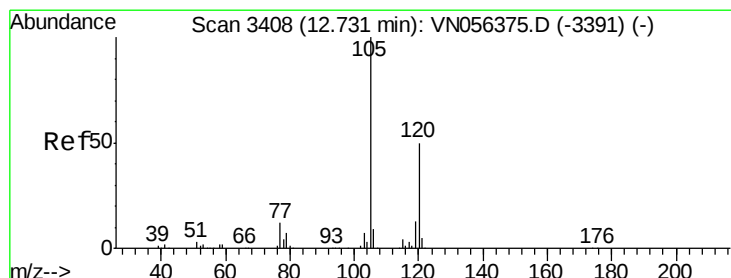
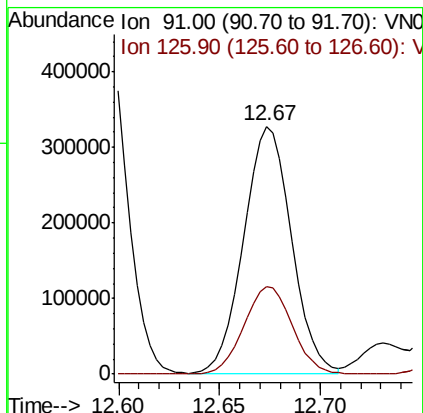
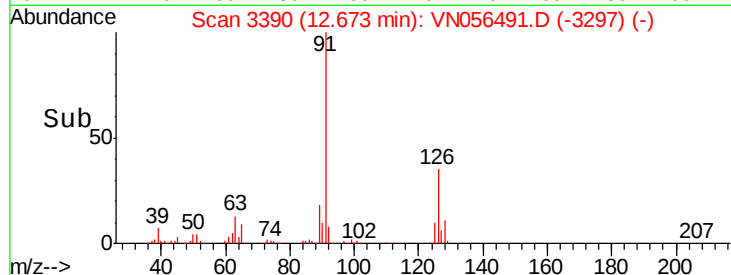
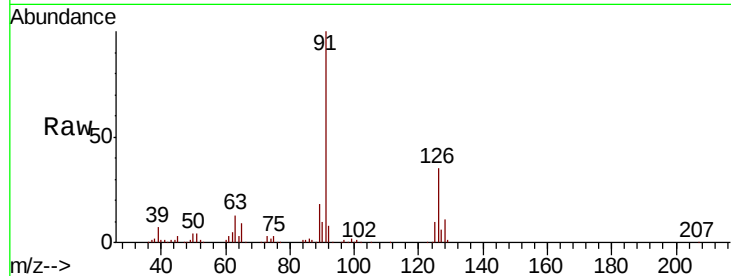
SP-19-LF2MW2MS

Tot Ion: 91 Resp: 542216

Ion Ratio Lower Upper

91 100

126 35.9 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 52.399 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056491.D

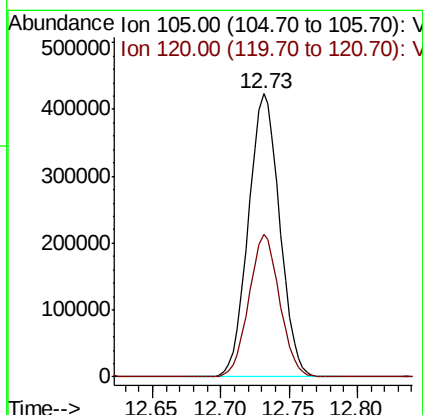
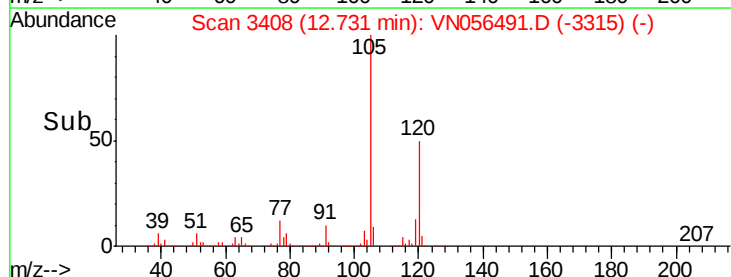
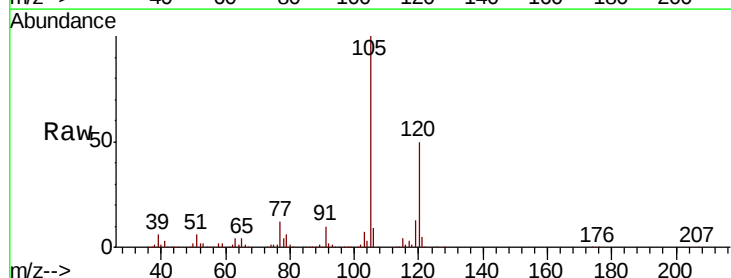
Acq: 25 Jun 2019 16:58

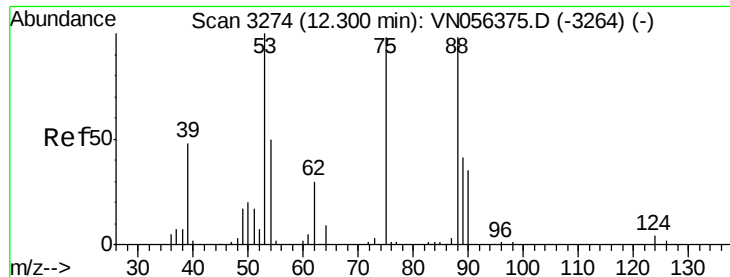
Tgt Ion: 105 Resp: 672646

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 56.476 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

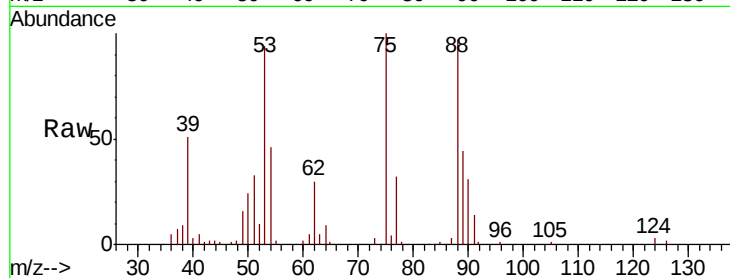
Tot Ion: 75 Resp: 67347

Ion Ratio Lower Upper

75 100

53 97.2 83.9 125.9

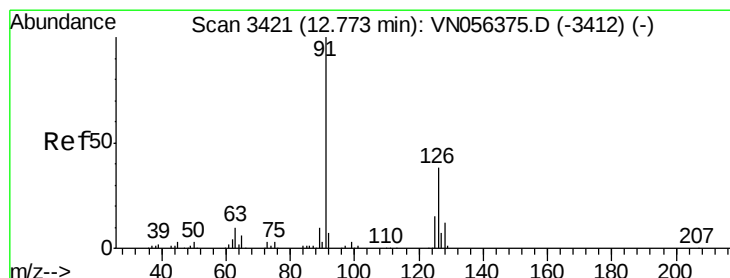
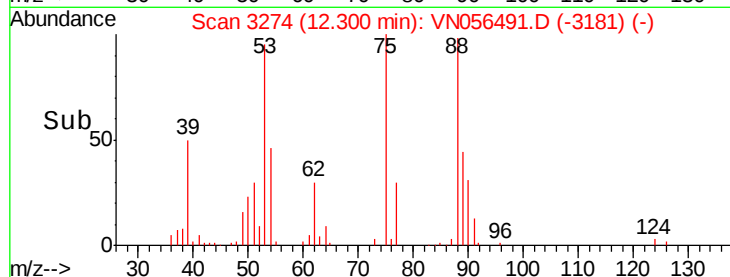
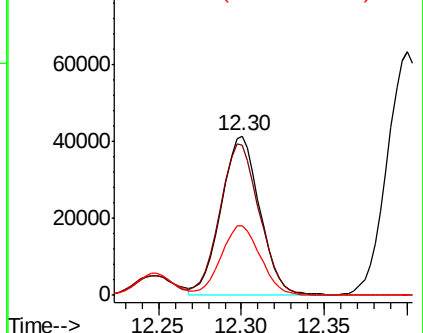
89 44.4 35.0 52.6



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: 47.258 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056491.D

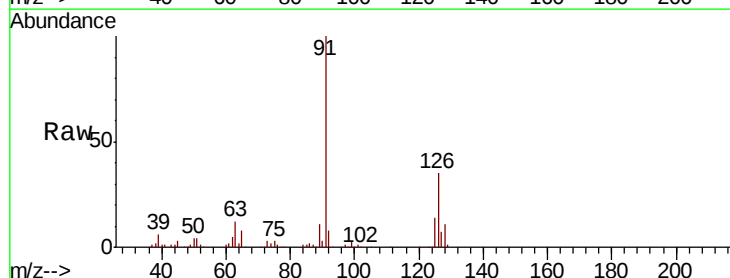
Acq: 25 Jun 2019 16:58

Tgt Ion: 91 Resp: 522296

Ion Ratio Lower Upper

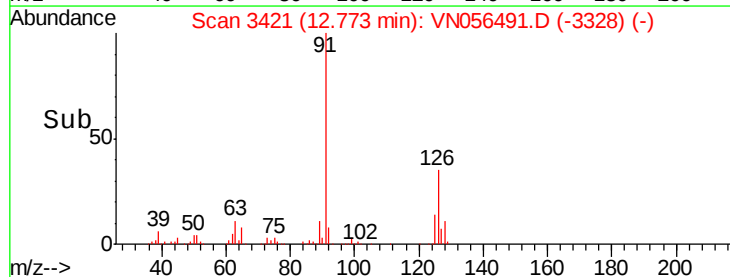
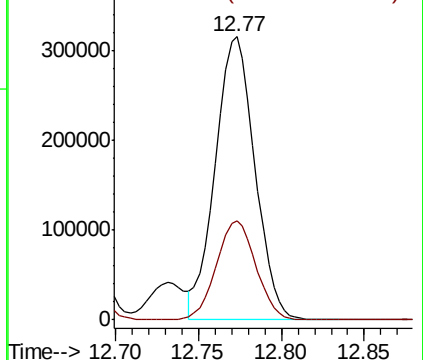
91 100

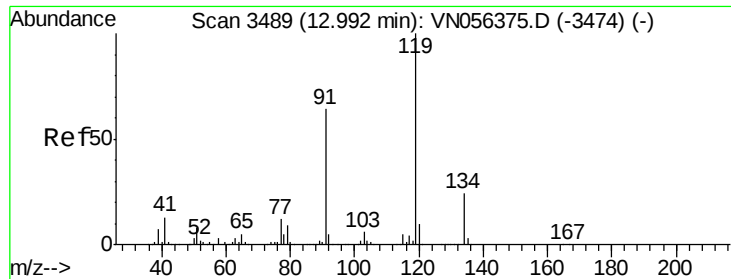
126 35.0 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

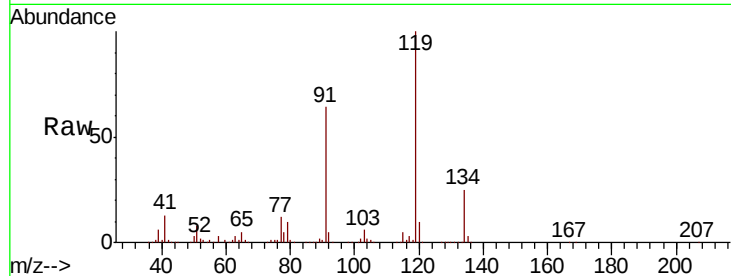




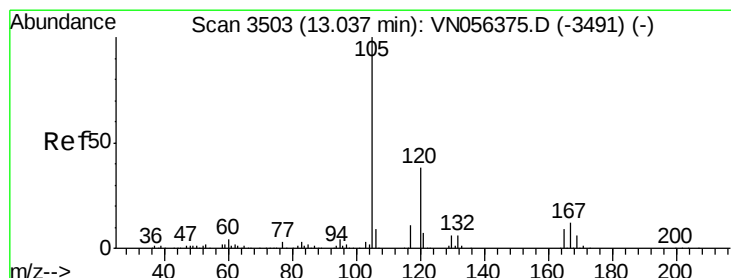
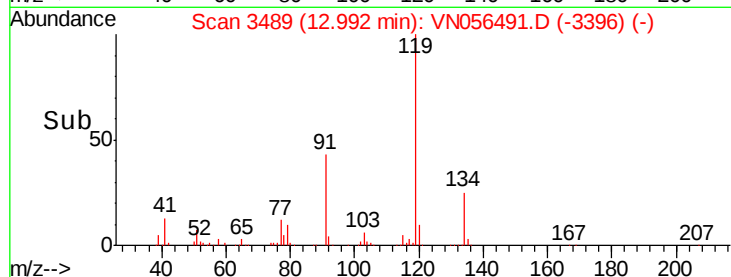
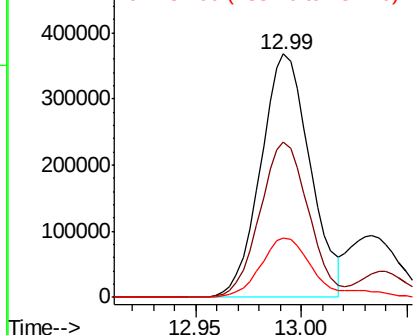
#83  
tert-Butylbenzene  
Concen: 53.716 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-19-LF2MW2MS

Tot Ion:119 Resp: 599810  
Ion Ratio Lower Upper  
119 100  
91 62.7 31.6 94.7  
134 26.7 13.2 39.5

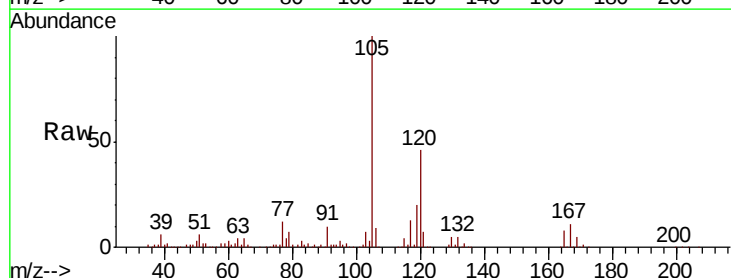


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

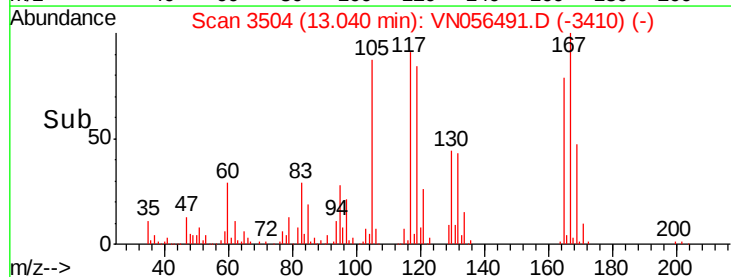
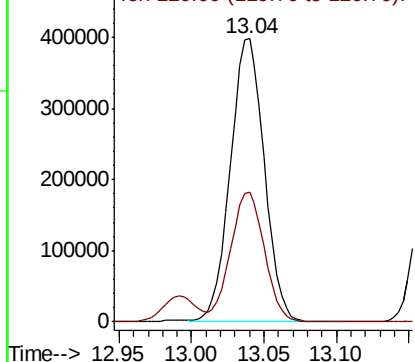


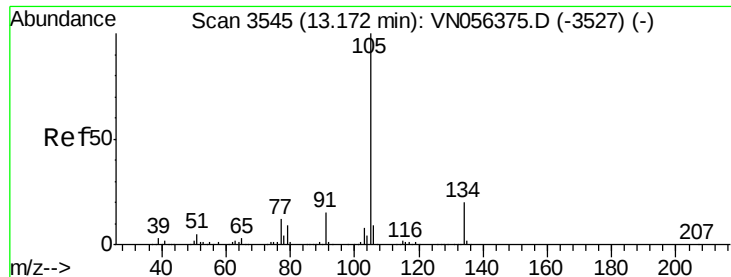
#84  
1,2,4-Trimethylbenzene  
Concen: 46.827 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN056491.D  
Acq: 25 Jun 2019 16:58

Tgt Ion:105 Resp: 644340  
Ion Ratio Lower Upper  
105 100  
120 45.9 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: 46.229 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

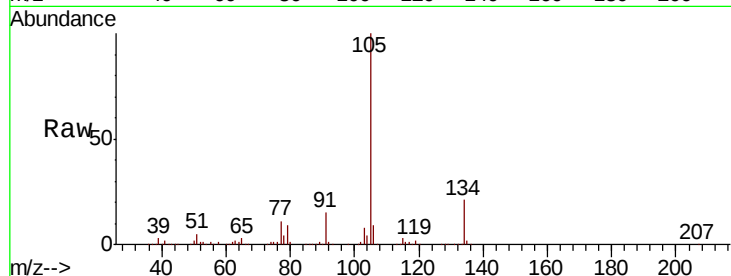
SP-19-LF2MW2MS

Tot Ion:105 Resp: 760555

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

500000

400000

300000

200000

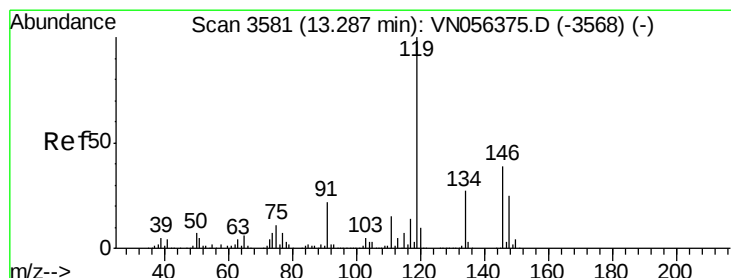
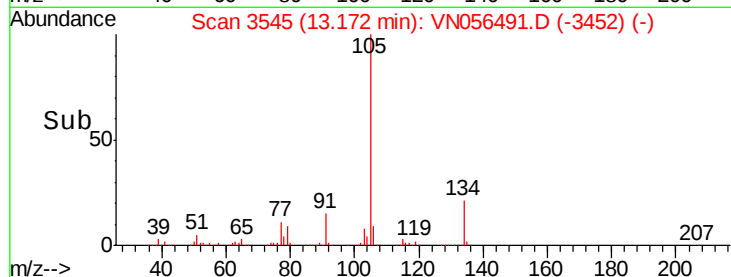
100000

0

13.10

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 47.532 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

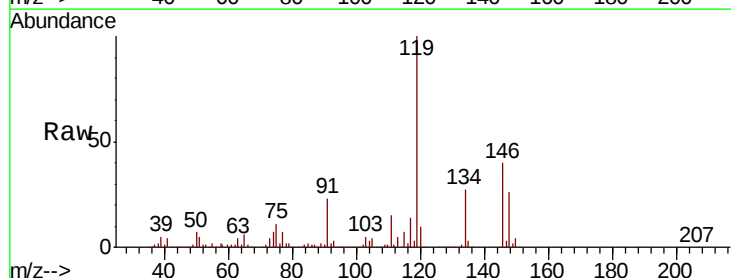
Tgt Ion:119 Resp: 671120

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.2 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

600000

500000

400000

300000

200000

100000

0

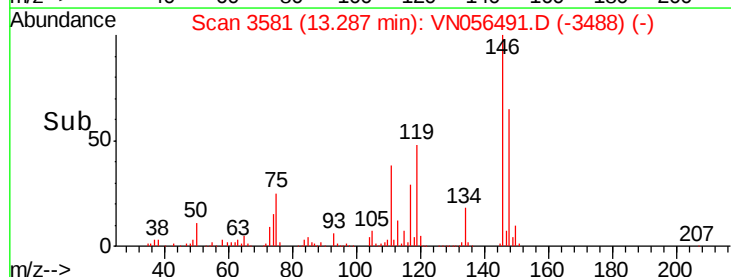
13.20

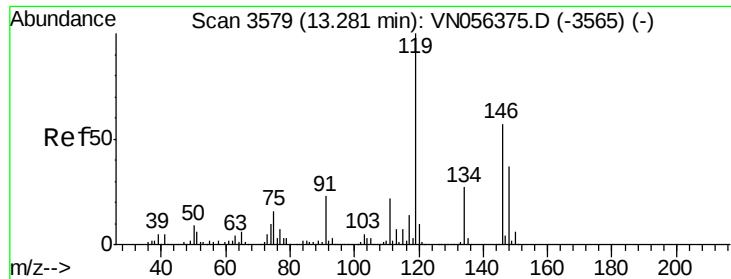
13.25

13.30

13.35

Time-->

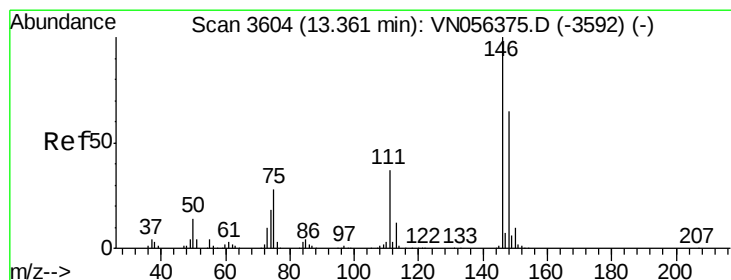
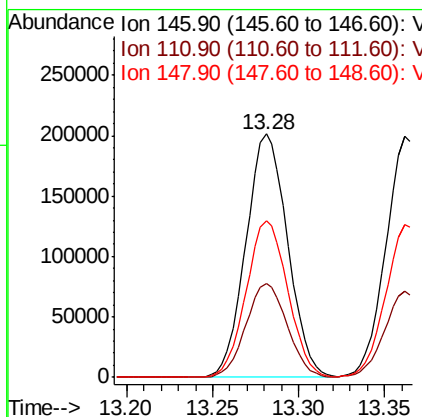
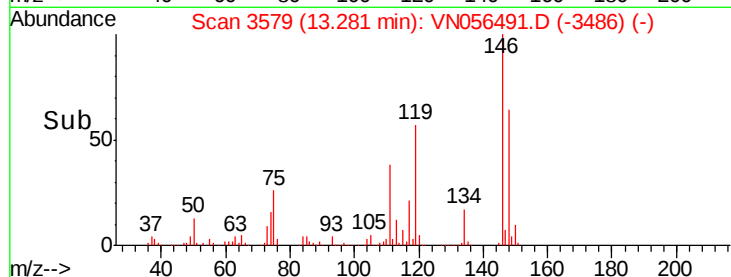
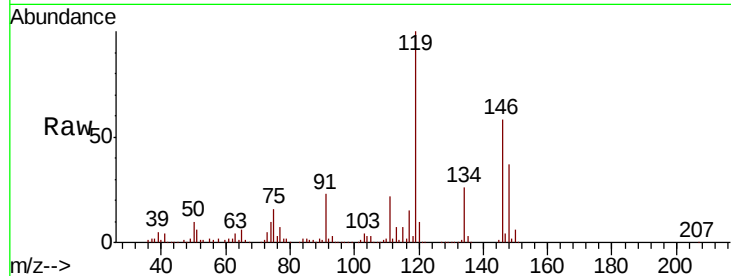




#87  
 1,3-Dichlorobenzene  
 Concen: 48.785 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

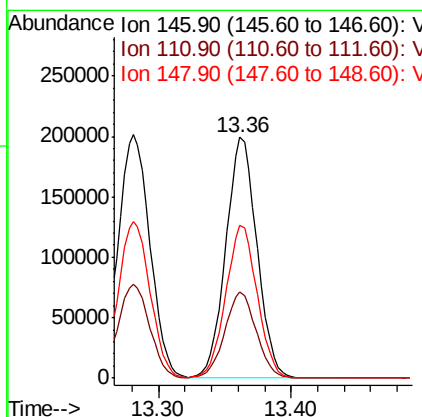
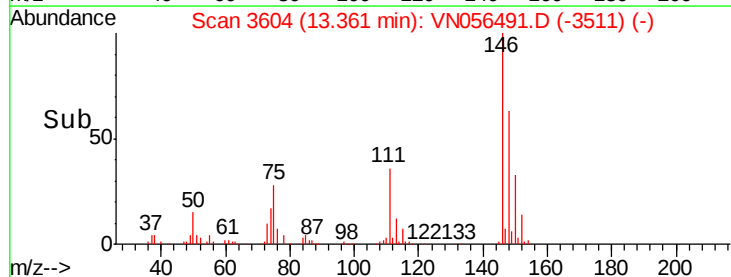
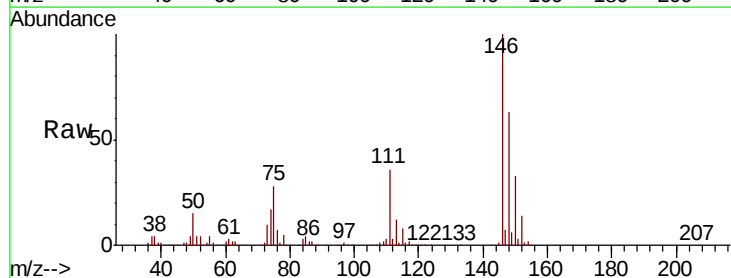
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

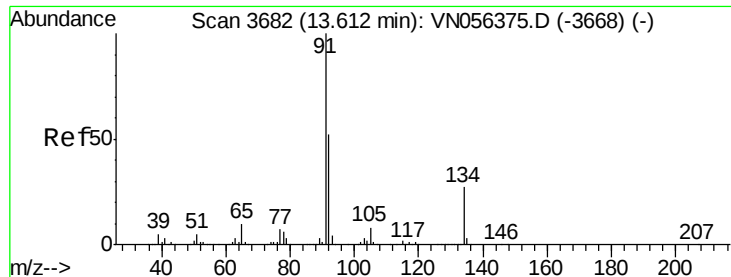
Tot Ion:146 Resp: 337895  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 18.9 56.9  
 148 64.2 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 48.402 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion:146 Resp: 324674  
 Ion Ratio Lower Upper  
 146 100  
 111 36.1 18.4 55.4  
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 46.640 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

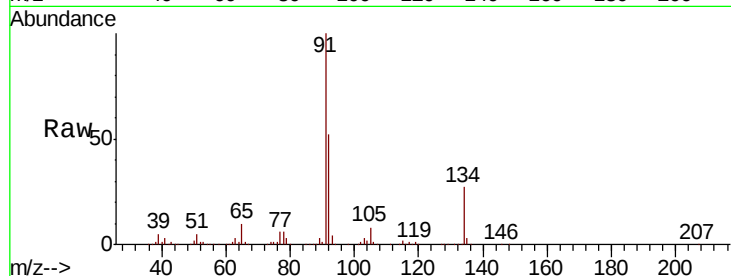
Tot Ion: 91 Resp: 498514

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

134 26.6 13.4 40.2

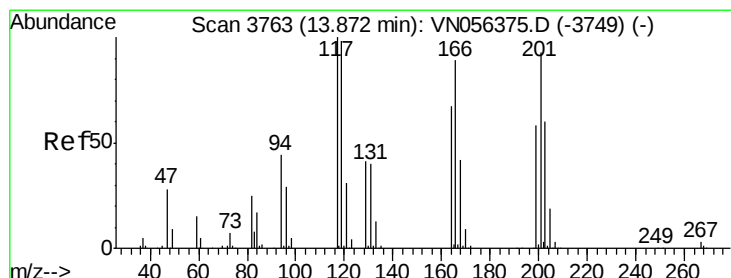
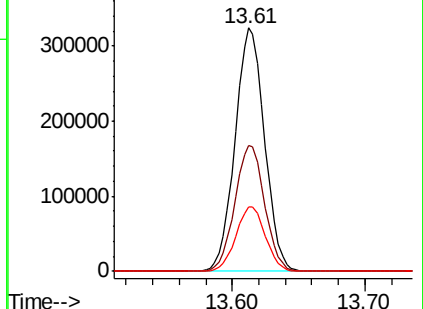
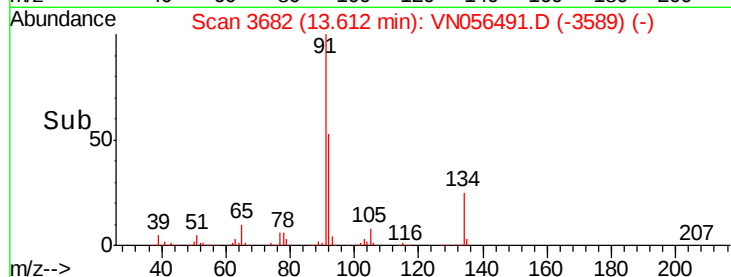


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 50.097 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056491.D

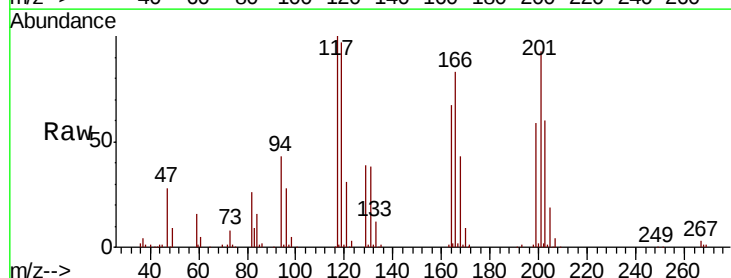
Acq: 25 Jun 2019 16:58

Tgt Ion: 117 Resp: 110275

Ion Ratio Lower Upper

117 100

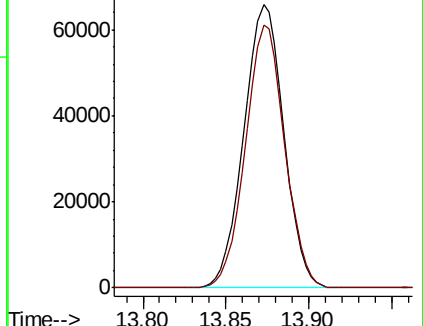
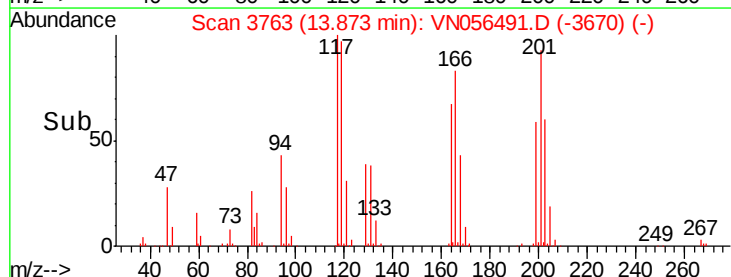
201 91.1 45.9 137.6

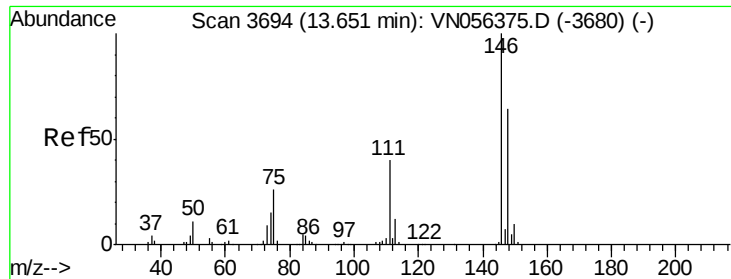


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

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

Time-->

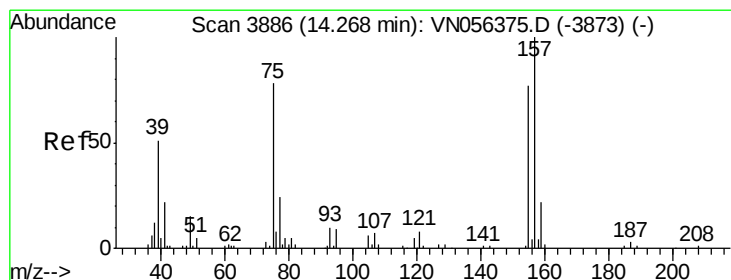
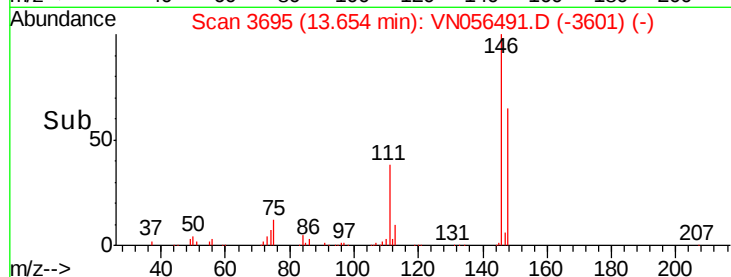
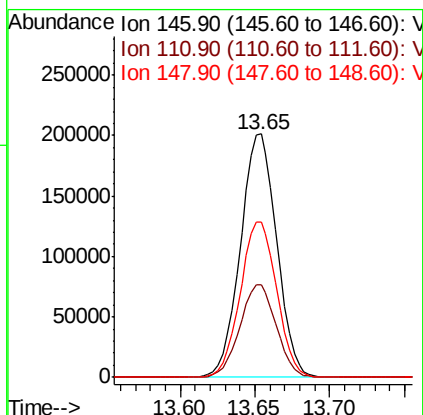
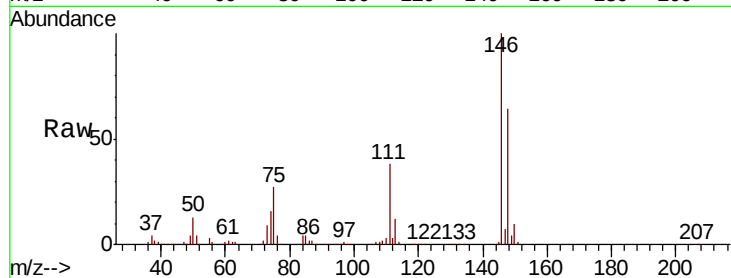




#91  
 1,2-Dichlorobenzene  
 Concen: 49.394 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

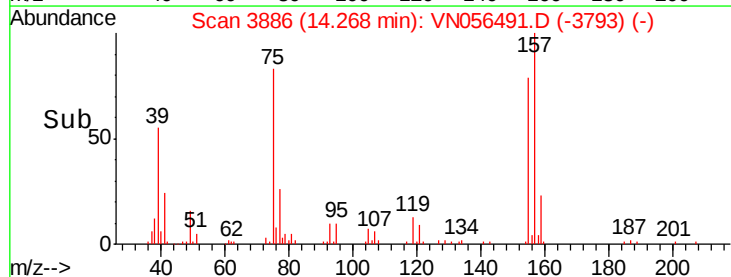
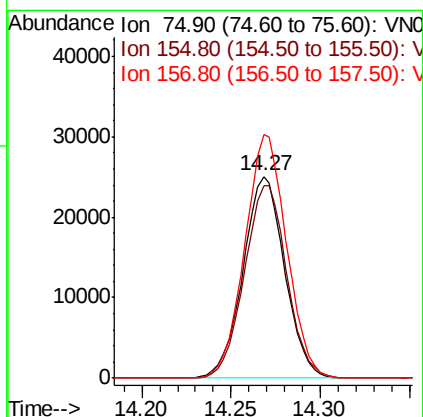
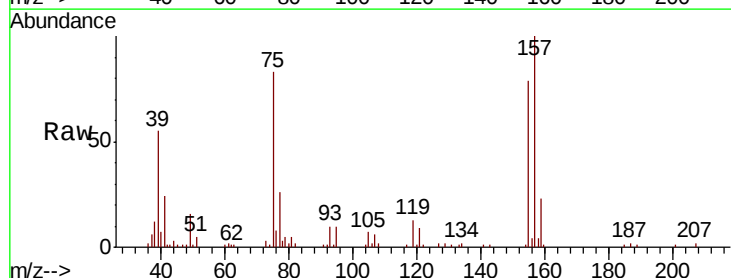
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

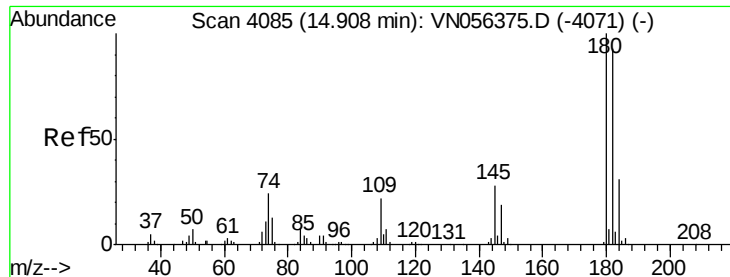
Tot Ion:146 Resp: 339423  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.3 57.9  
 148 64.1 32.0 96.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.227 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion: 75 Resp: 41012  
 Ion Ratio Lower Upper  
 75 100  
 155 96.8 48.9 146.8  
 157 121.0 62.9 188.8

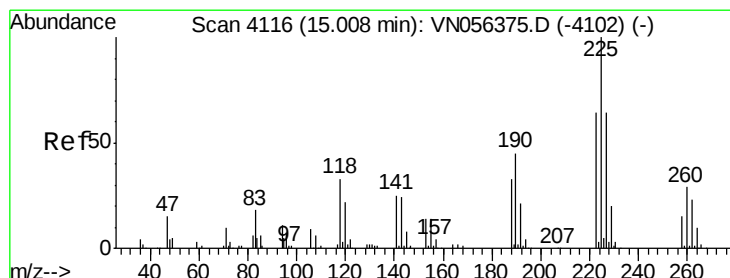
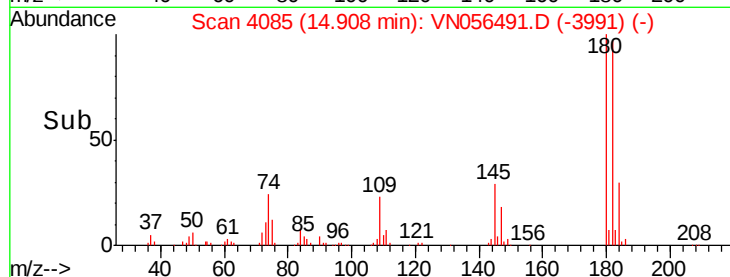
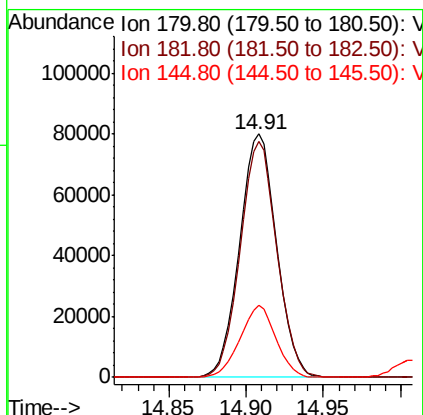
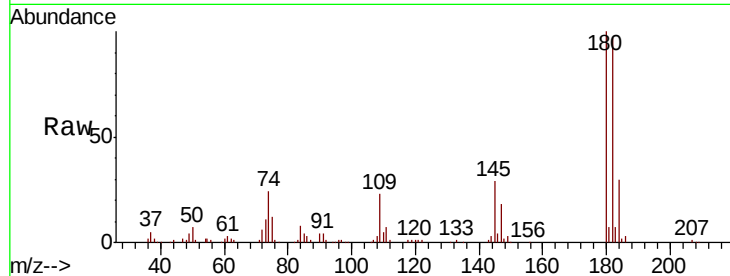




#93  
 1,2,4-Trichlorobenzene  
 Concen: 38.639 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

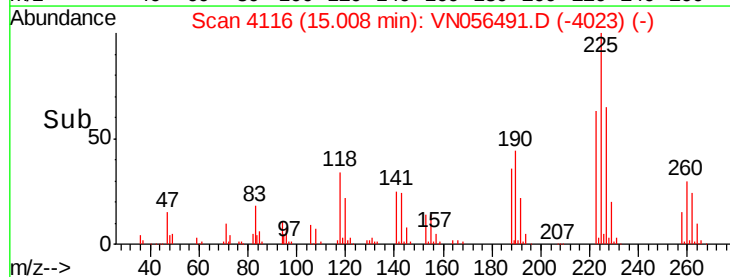
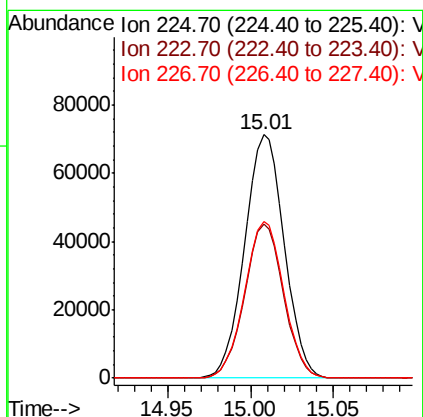
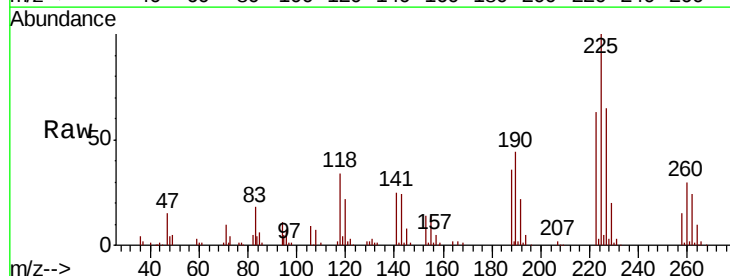
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-19-LF2MW2MS

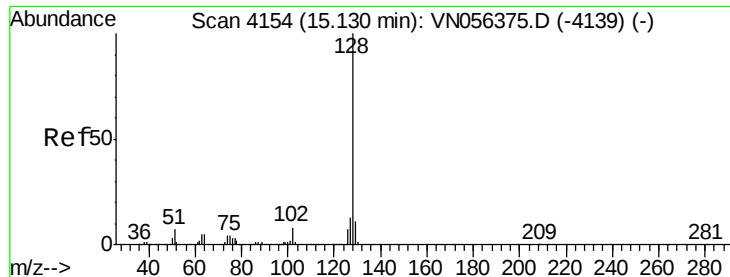
Tot Ion:180 Resp: 133131  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 46.9 140.6  
 145 28.6 14.4 43.0



#94  
 Hexachlorobutadiene  
 Concen: 50.831 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056491.D  
 Acq: 25 Jun 2019 16:58

Tgt Ion:225 Resp: 118301  
 Ion Ratio Lower Upper  
 225 100  
 223 62.0 31.4 94.3  
 227 63.6 32.1 96.3





#95

Naphthalene

Concen: 40.320 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Instrument :

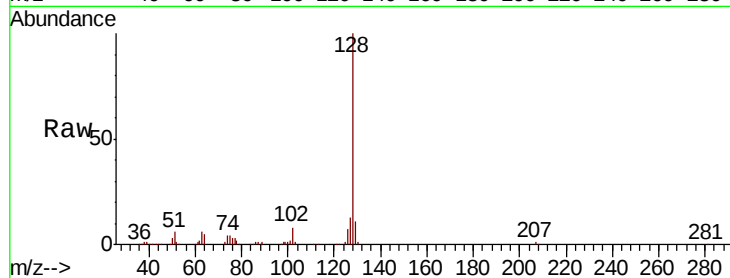
MSVOA\_N

ClientSampleId :

SP-19-LF2MW2MS

Tot Ion:128 Resp: 366487

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.2  | 15.2  |
| 129 | 10.8  | 8.6   | 12.8  |

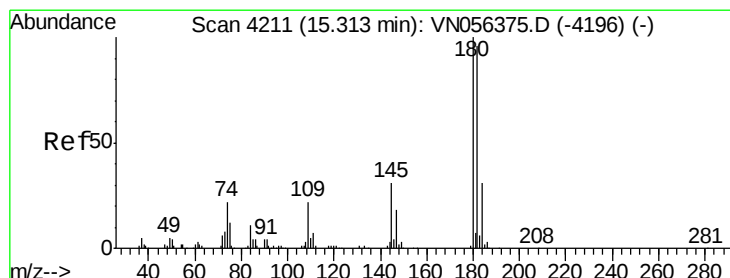
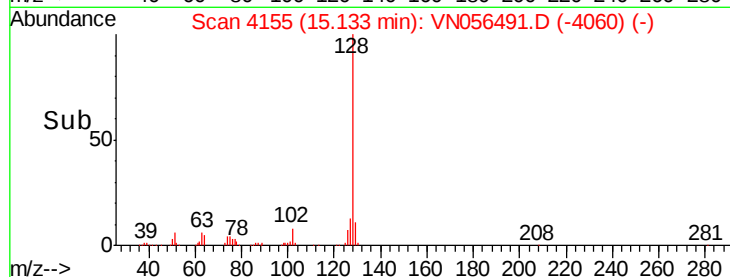
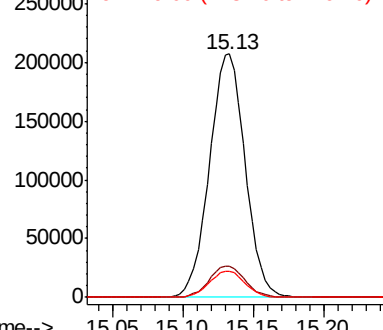


Abundance

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: 40.495 ug/l

RT: 15.31 min Scan# 4211

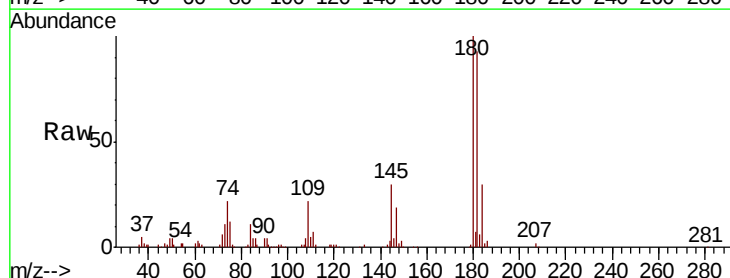
Delta R.T. 0.00 min

Lab File: VN056491.D

Acq: 25 Jun 2019 16:58

Tgt Ion:180 Resp: 146685

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.4  | 48.3  | 144.8 |
| 145 | 30.9  | 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

