

Data File : VN057389.D  
Acq On : 19 Aug 2019 10:40  
Operator : JC/SP  
Sample : VN0819WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

Quant Time: Aug 20 07:08:43 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081519W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 15 11:33:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 872725   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 1271162  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 1108328  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 406304   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.02   | 65  | 433827   | 45.73 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.46% |      |
| 35) Dibromofluoromethane    | 7.58   | 113 | 404589   | 48.55 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.10% |      |
| 50) Toluene-d8              | 10.08  | 98  | 1461252  | 47.95 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.90% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 465864   | 43.25 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 86.50% |      |

| Target Compounds              |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 135689  | 18.068 | ug/l   | 98     |
| 3) Chloromethane              | 2.06 | 50  | 155320  | 17.523 | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.18 | 62  | 151722  | 18.194 | ug/l   | 99     |
| 5) Bromomethane               | 2.55 | 94  | 118418  | 19.921 | ug/l   | 99     |
| 6) Chloroethane               | 2.70 | 64  | 104068  | 18.142 | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 247338  | 18.909 | ug/l   | 98     |
| 8) Diethyl Ether              | 3.40 | 74  | 96273   | 19.555 | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 151524  | 19.716 | ug/l   | 97     |
| 10) Methyl Iodide             | 3.95 | 142 | 238109  | 19.383 | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.75 | 59  | 120358  | 89.235 | ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 146490  | 19.131 | ug/l   | 97     |
| 13) Acrolein                  | 3.60 | 56  | 51490   | 62.885 | ug/l   | 100    |
| 14) Allyl chloride            | 4.32 | 41  | 214041  | 17.438 | ug/l   | 97     |
| 15) Acrylonitrile             | 4.97 | 53  | 336937  | 92.014 | ug/l   | 100    |
| 16) Acetone                   | 3.80 | 43  | 296254  | 90.014 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.05 | 76  | 370297  | 17.950 | ug/l   | 98     |
| 18) Methyl Acetate            | 4.31 | 43  | 167501  | 17.473 | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.03 | 73  | 460095  | 19.149 | ug/l   | 100    |
| 20) Methylene Chloride        | 4.54 | 84  | 171100  | 18.581 | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96  | 159301  | 19.346 | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.93 | 45  | 449460  | 18.537 | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.88 | 43  | 1771653 | 90.788 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.84 | 63  | 283098  | 18.978 | ug/l   | 99     |
| 25) 2-Butanone                | 6.82 | 43  | 422812  | 88.714 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.81 | 77  | 240394  | 19.940 | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.82 | 96  | 188405  | 19.326 | ug/l   | 97     |
| 28) Bromochloromethane        | 7.18 | 49  | 120603  | 18.196 | ug/l # | 94     |
| 29) Tetrahydrofuran           | 7.20 | 42  | 270303  | 89.618 | ug/l   | 99     |
| 30) Chloroform                | 7.36 | 83  | 297778  | 19.048 | ug/l   | 98     |
| 31) Cyclohexane               | 7.65 | 56  | 229666  | 17.766 | ug/l # | 88     |
| 32) 1,1,1-Trichloroethane     | 7.56 | 97  | 259510  | 19.737 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 211915  | 18.881 | ug/l   | 100    |
| 37) Ethyl Acetate             | 6.91 | 43  | 173423  | 18.866 | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 236338  | 20.267 | ug/l   | 100    |

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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

Quant Time: Aug 20 07:08:43 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081519W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 15 11:33:14 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 248959   | 18.997  | ug/l   | 99       |
| 40) Benzene                    | 8.03  | 78   | 655868   | 19.106  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.19  | 41   | 244743   | 59.121  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 218945   | 19.270  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.16  | 43   | 315312   | 18.035  | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 193691   | 20.069  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 169709   | 19.179  | ug/l   | 97       |
| 46) Dibromomethane             | 9.20  | 93   | 116330   | 19.707  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.40  | 83   | 228734   | 19.557  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.19  | 41   | 138977   | 18.359  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 60344    | 379.067 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 840234   | 88.600  | ug/l   | 98       |
| 52) Toluene                    | 10.15 | 92   | 424596   | 19.872  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 244883   | 19.357  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 270190   | 19.368  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 166939   | 19.869  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 232003   | 18.921  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 273554   | 19.490  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 245375   | 79.614  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 597460   | 87.631  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 190162   | 20.197  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 173712   | 19.409  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 203315   | 21.220  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 458434   | 20.280  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 185250   | 21.399  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 774607   | 19.586  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 583202   | 40.025  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 289585   | 20.241  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 449620   | 19.715  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 144676   | 21.183  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 771979   | 21.995  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 211975   | 17.979  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 217233   | 21.503  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 260797   | 31.925  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 207690   | 22.668  | ug/l   | 94       |
| 78) n-propylbenzene            | 12.59 | 91   | 757976   | 19.373  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 486423   | 21.389  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 627133   | 21.628  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 65180    | 19.562  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 439697   | 18.965  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 574008   | 22.212  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 596019   | 20.366  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 673692   | 21.042  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 593051   | 19.794  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 278288   | 19.549  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 265297   | 19.632  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 448409   | 20.993  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 120981   | 22.458  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 273707   | 20.625  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 25805    | 17.810  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN081919\  
Quantitation Report (Not Reviewed)

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Operator : JC/SP  
Sample : VN0819WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

Quant Time: Aug 20 07:08:43 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081519W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 15 11:33:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 64969    | 16.287 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 130322   | 23.190 | ug/l  | 97       |
| 95) Naphthalene            | 15.13 | 128  | 124385   | 18.984 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 61469    | 18.949 | ug/l  | 99       |

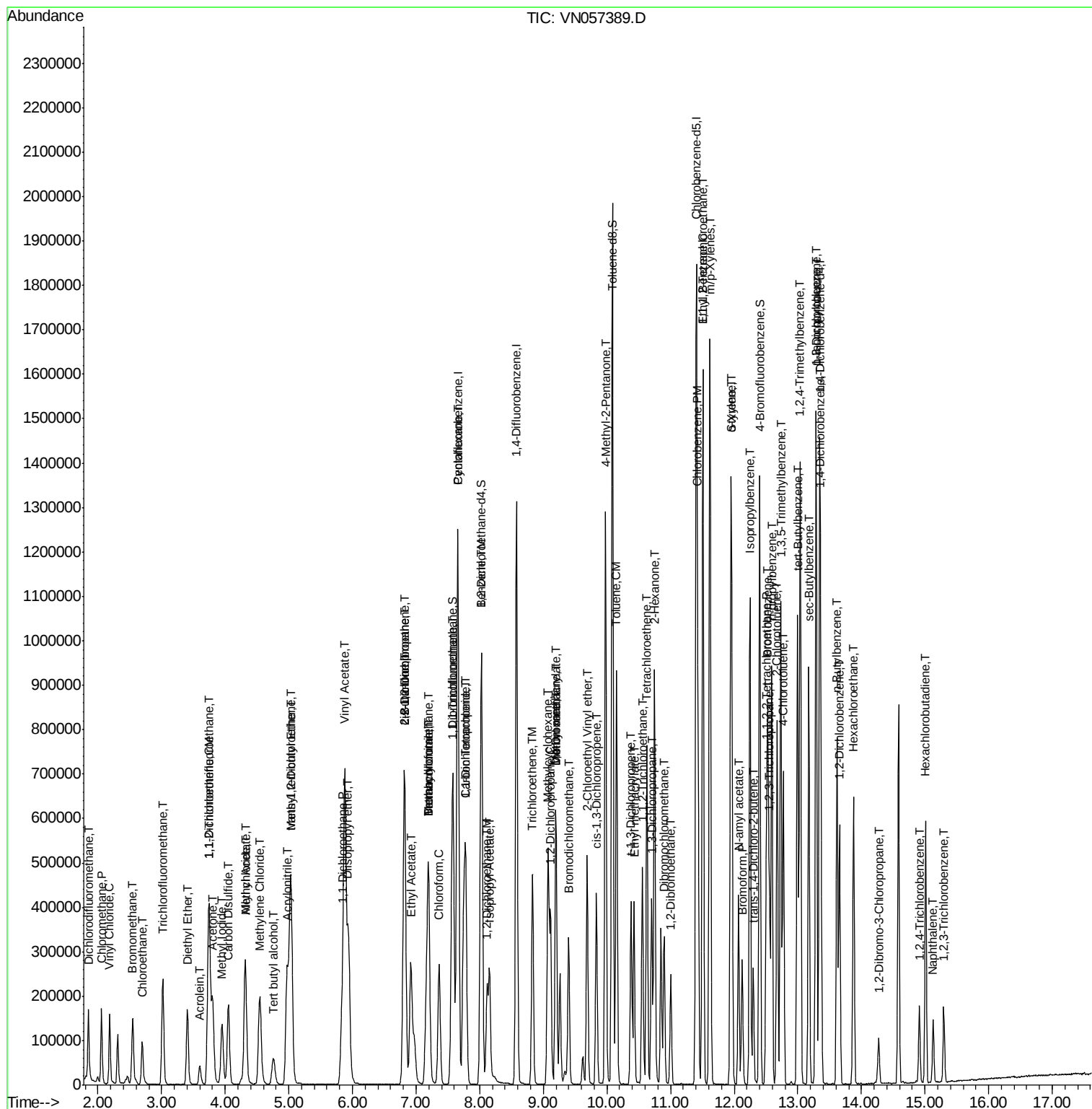
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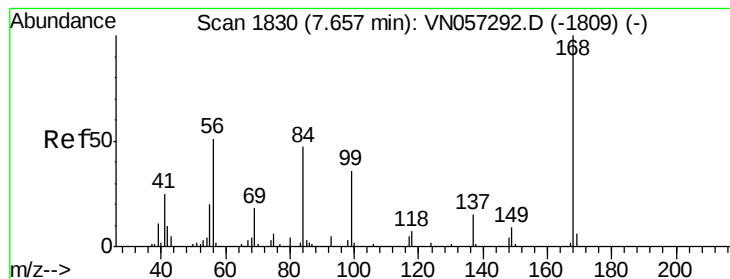
Data File : VN057389.D

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Acq On       : 19 Aug 2019   10:40
Operator     : JC/SP
Sample       : VN0819WBSD01
Misc         : 5.00mL/MSV0A_N/WATER
ALS Vial     : 6      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VN0819WBSD01

Quant Time: Aug 20 07:08:43 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N081519W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 15 11:33:14 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

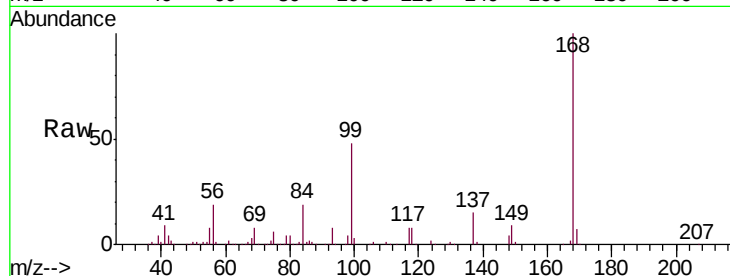
VN0819WBSD01

Tgt Ion:168 Resp: 872725

Ion Ratio Lower Upper

168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

300000

200000

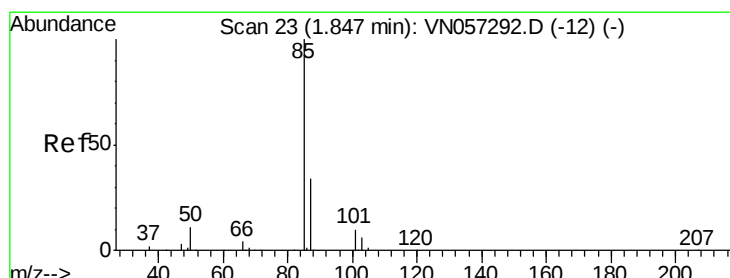
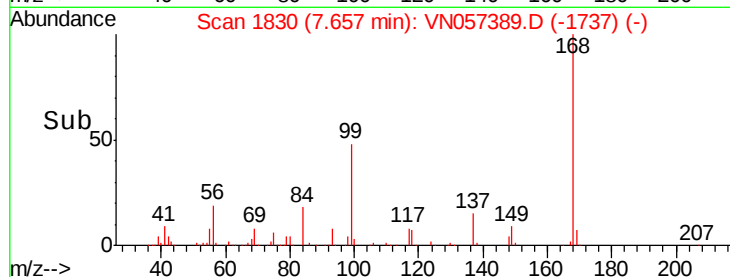
100000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.068 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN057389.D

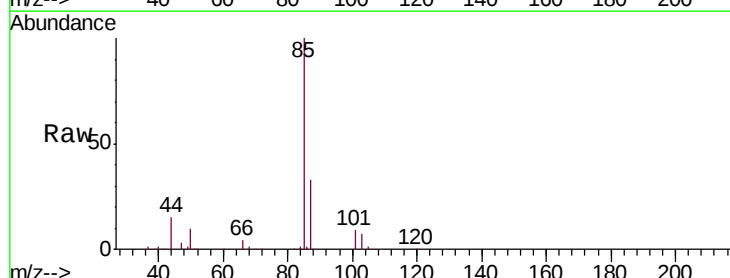
Acq: 19 Aug 2019 10:40

Tgt Ion: 85 Resp: 135689

Ion Ratio Lower Upper

85 100

87 32.5 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

60000

40000

20000

0

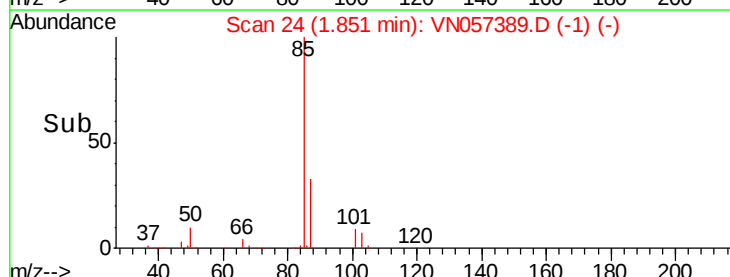
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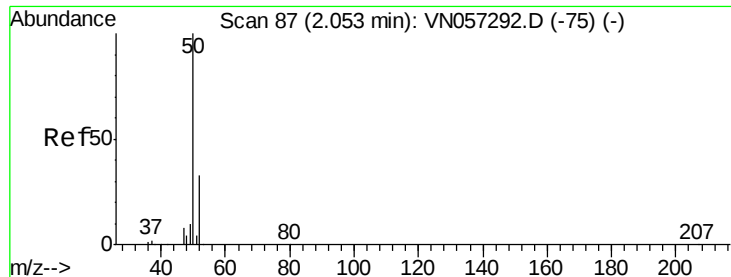
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 17.523 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

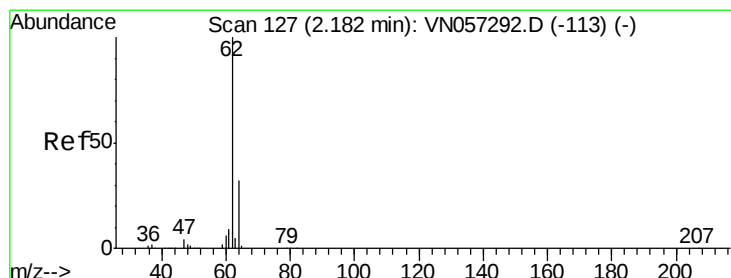
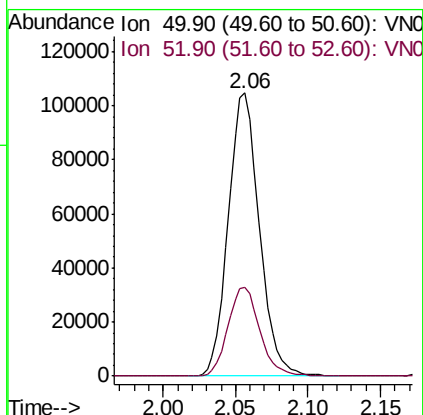
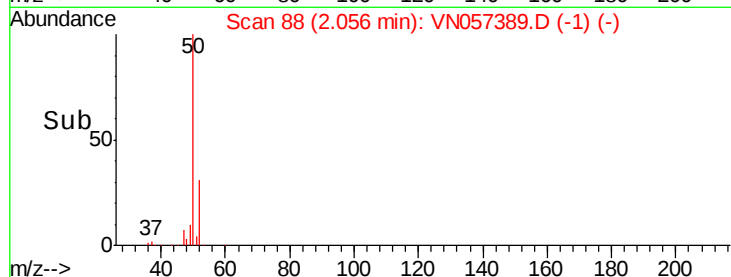
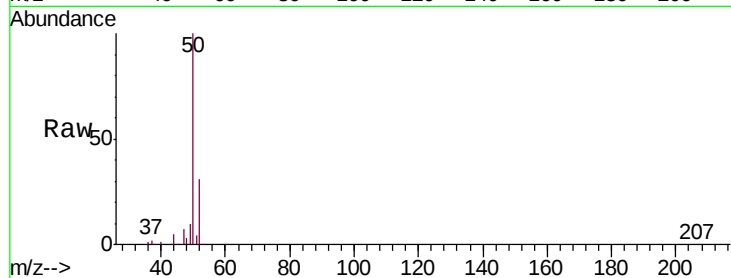
VN0819WBSD01

Tgt Ion: 50 Resp: 155320

Ion Ratio Lower Upper

50 100

52 31.4 26.8 40.2



#4

Vinyl Chloride

Concen: 18.194 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057389.D

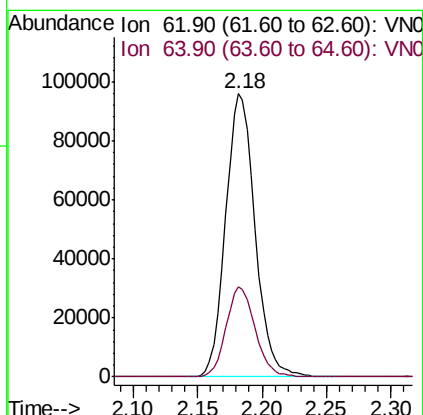
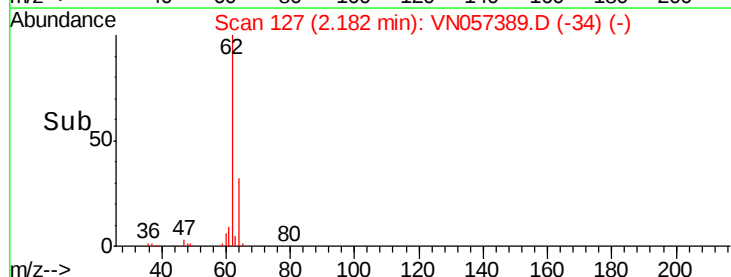
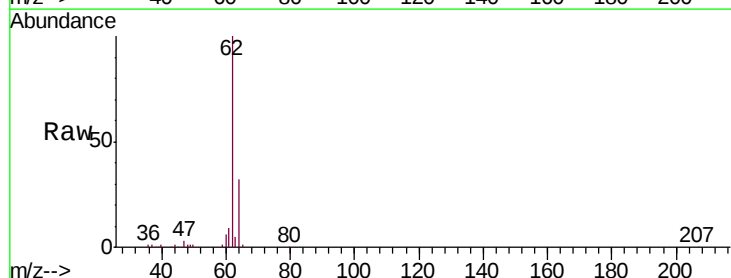
Acq: 19 Aug 2019 10:40

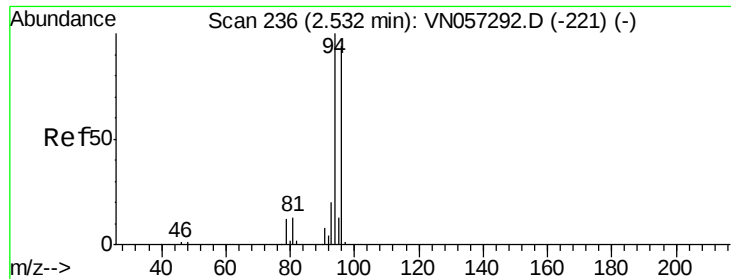
Tgt Ion: 62 Resp: 151722

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 19.921 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

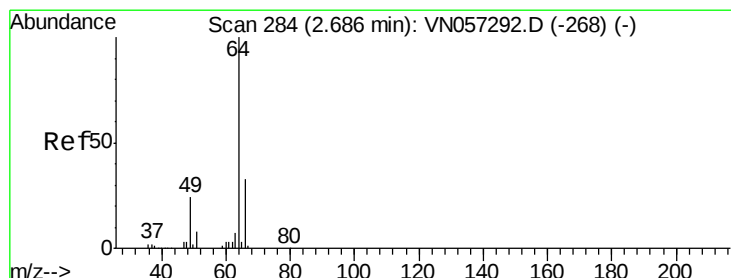
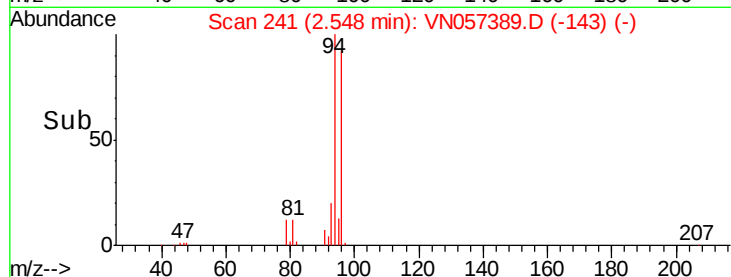
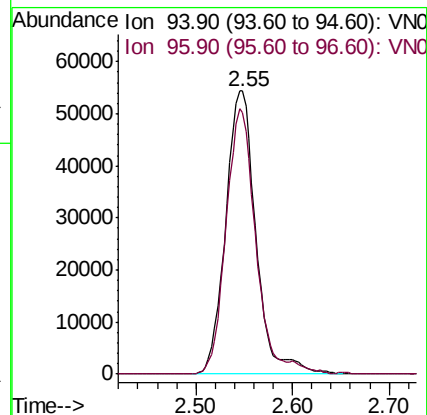
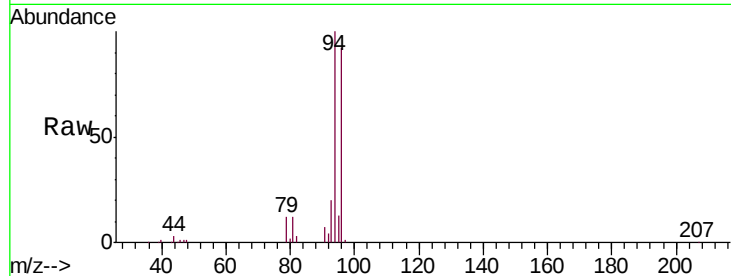
VN0819WBSD01

Tgt Ion: 94 Resp: 118418

Ion Ratio Lower Upper

94 100

96 92.5 75.0 112.6



#6

Chloroethane

Concen: 18.142 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.01 min

Lab File: VN057389.D

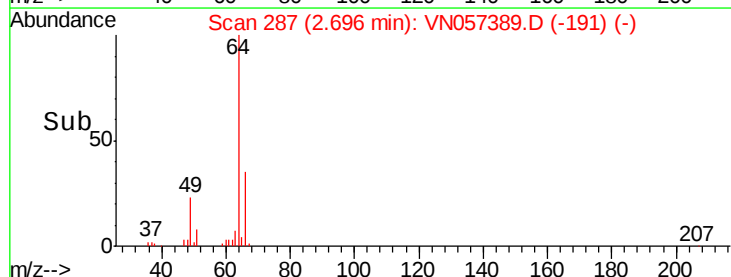
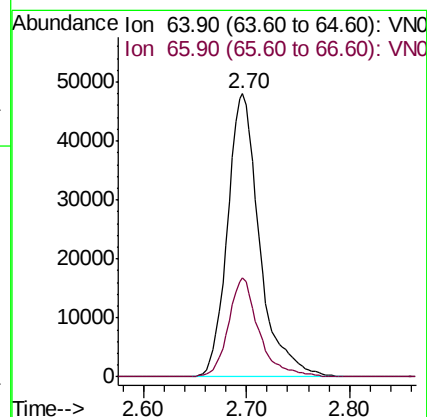
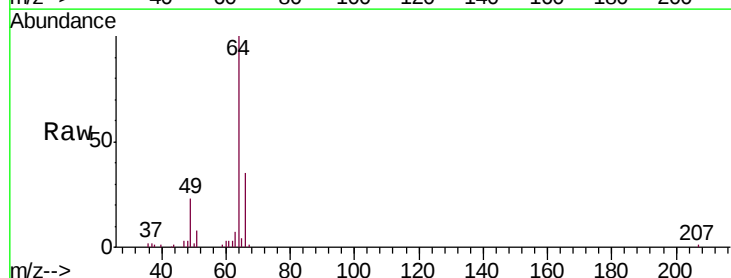
Acq: 19 Aug 2019 10:40

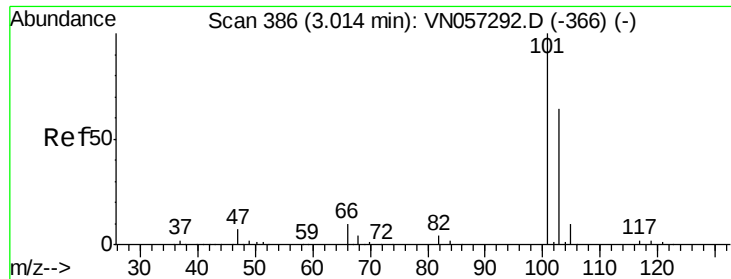
Tgt Ion: 64 Resp: 104068

Ion Ratio Lower Upper

64 100

66 35.1 26.4 39.6



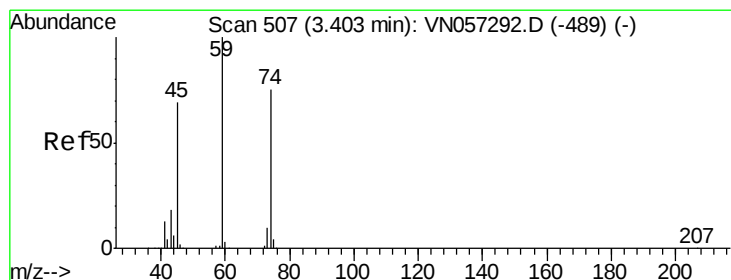
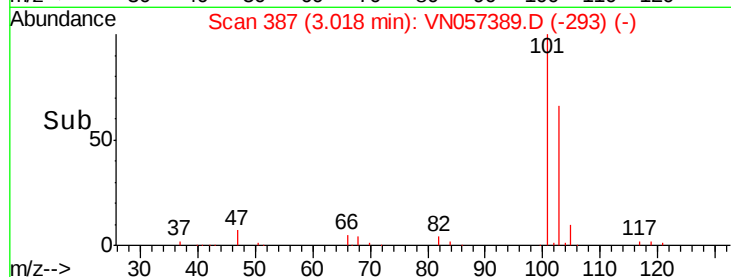
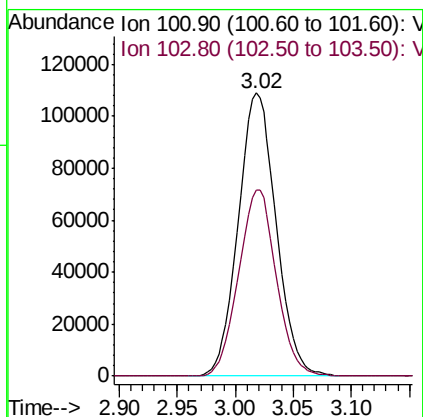
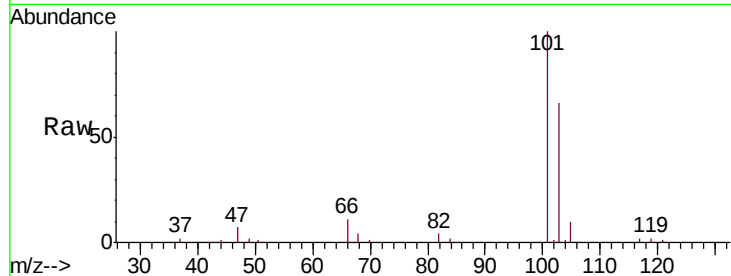


#7

Trichlorofluoromethane  
Concen: 18.909 ug/l  
RT: 3.02 min Scan# 387  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

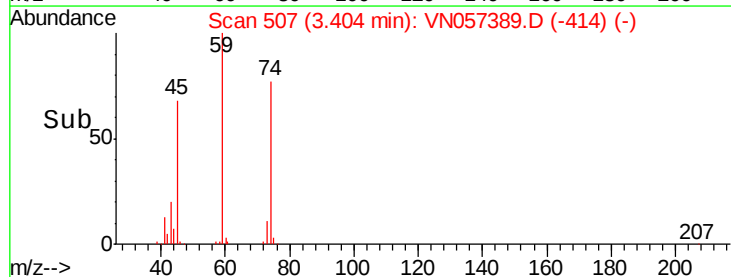
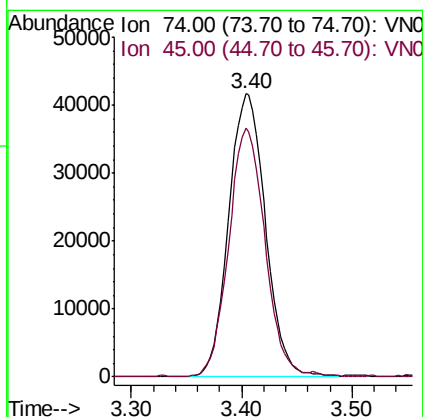
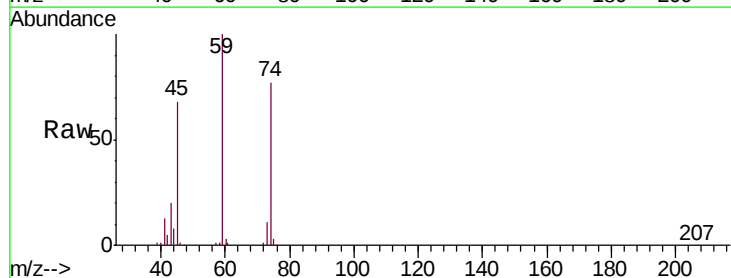
Tgt Ion: 101 Resp: 247338  
Ion Ratio Lower Upper  
101 100  
103 65.6 51.5 77.3

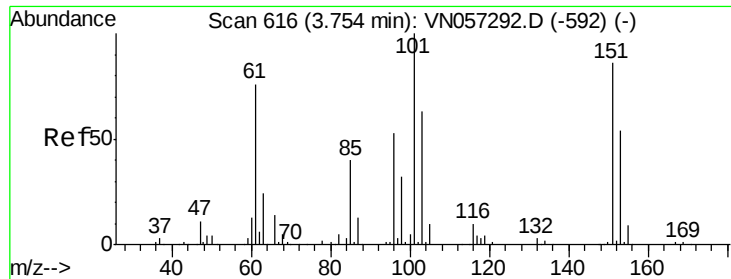


#8

Diethyl Ether  
Concen: 19.555 ug/l  
RT: 3.40 min Scan# 507  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 74 Resp: 96273  
Ion Ratio Lower Upper  
74 100  
45 86.4 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.716 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

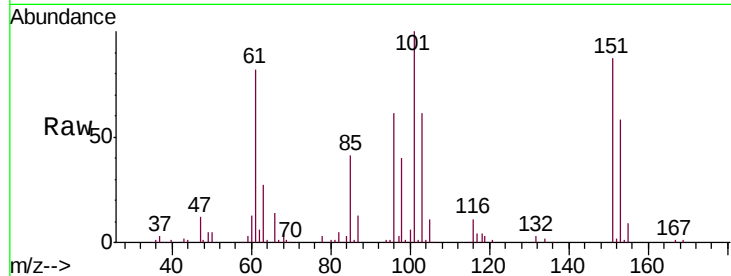
Tgt Ion:101 Resp: 151524

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

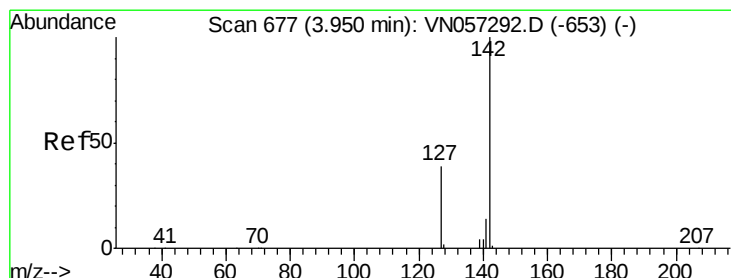
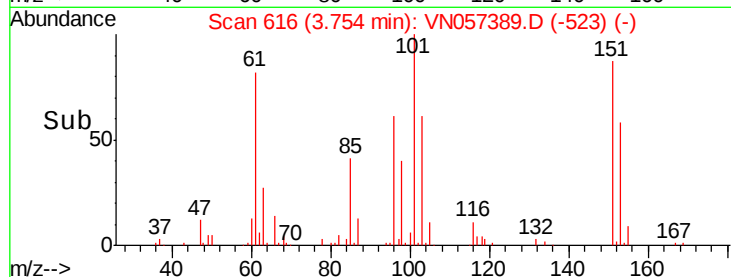
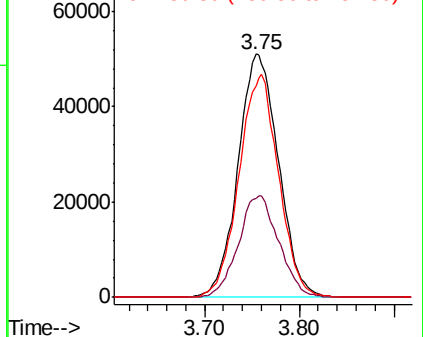
151 89.8 69.1 103.7



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: 19.383 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

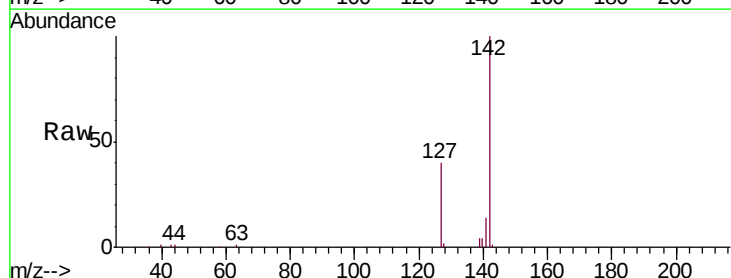
Tgt Ion:142 Resp: 238109

Ion Ratio Lower Upper

142 100

127 39.9 31.6 47.4

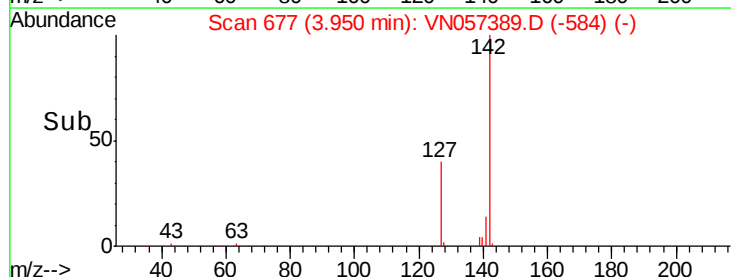
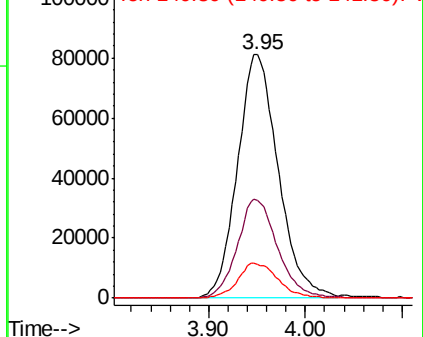
141 14.2 11.2 16.8

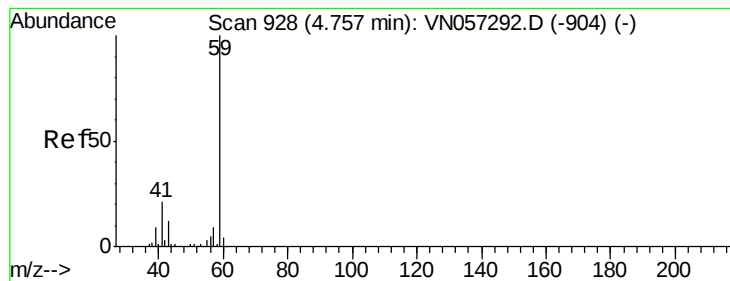


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



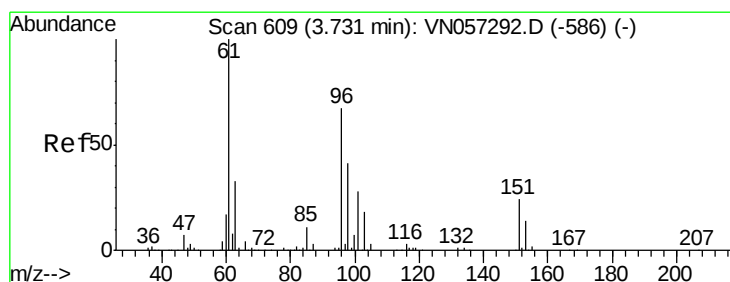
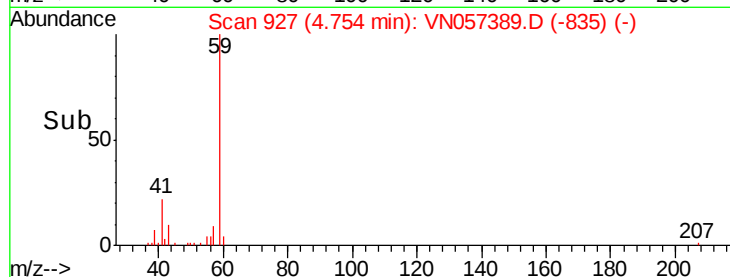
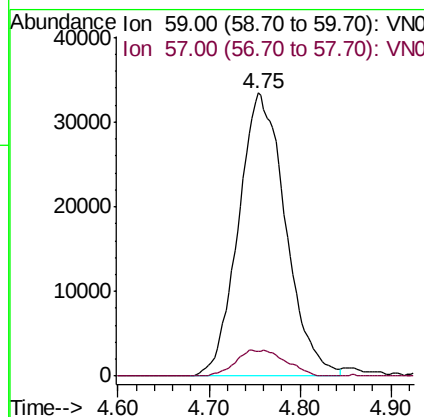
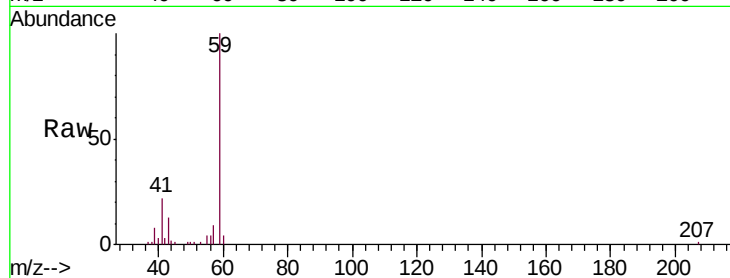


#11

Tert butyl alcohol  
 Concen: 89.235 ug/l  
 RT: 4.75 min Scan# 927  
 Delta R.T. -0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0819WBSD01

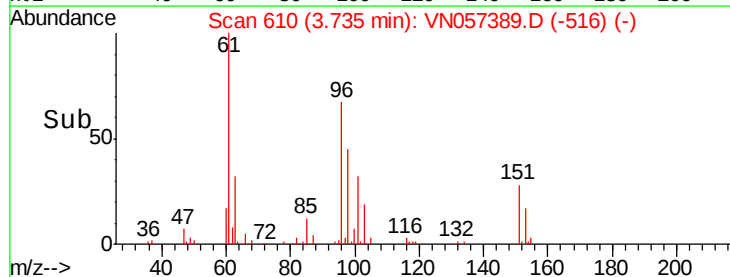
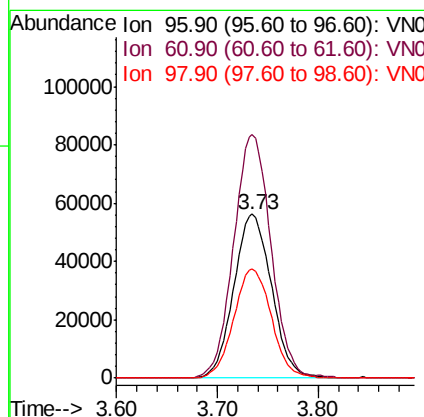
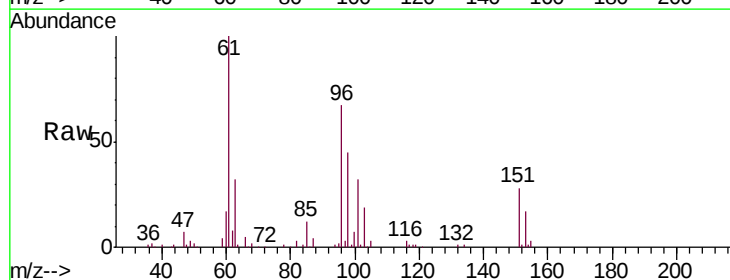
Tgt Ion: 59 Resp: 120358  
 Ion Ratio Lower Upper  
 59 100  
 57 4.5 8.2 12.2#

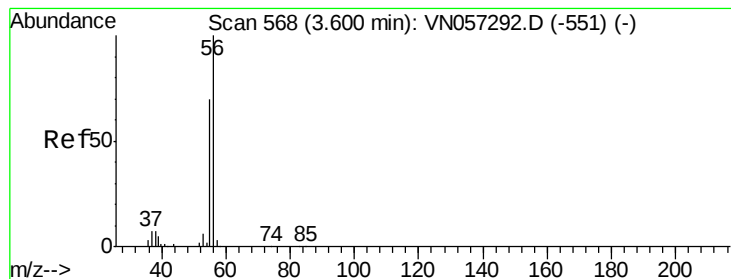


#12

1,1-Dichloroethene  
 Concen: 19.131 ug/l  
 RT: 3.73 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion: 96 Resp: 146490  
 Ion Ratio Lower Upper  
 96 100  
 61 148.3 119.7 179.5  
 98 66.4 49.0 73.4





#13

Acrolein

Concen: 62.885 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

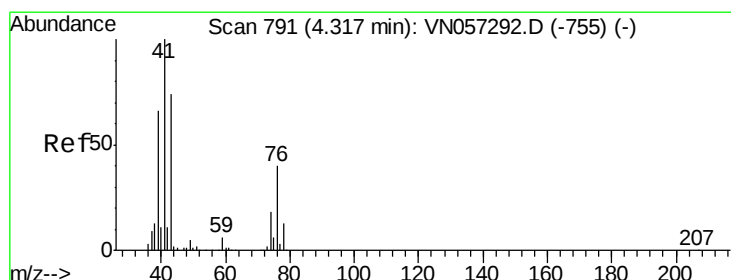
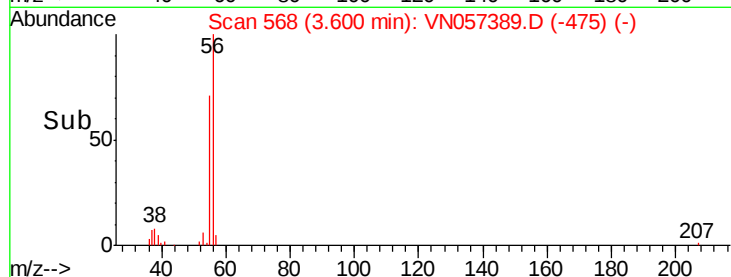
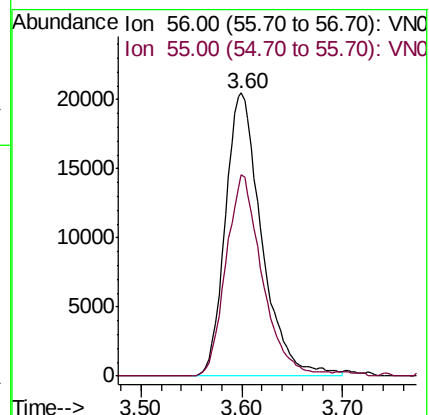
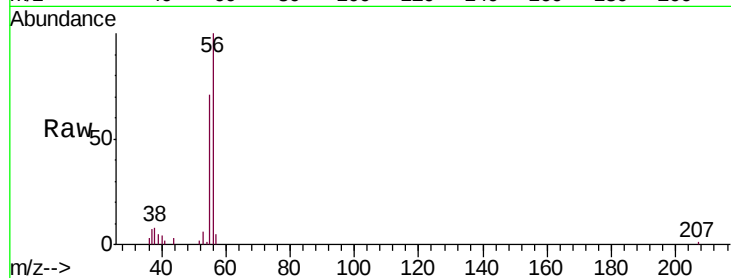
VN0819WBSD01

Tgt Ion: 56 Resp: 51490

Ion Ratio Lower Upper

56 100

55 70.4 56.6 84.8



#14

Allyl chloride

Concen: 17.438 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

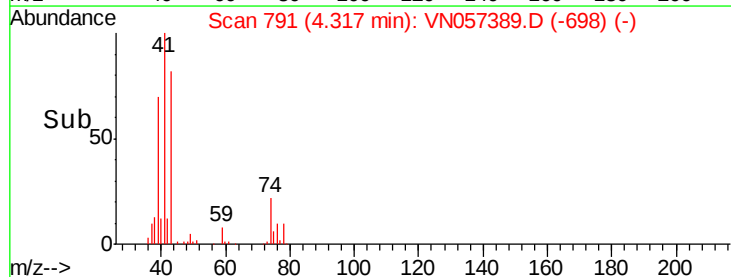
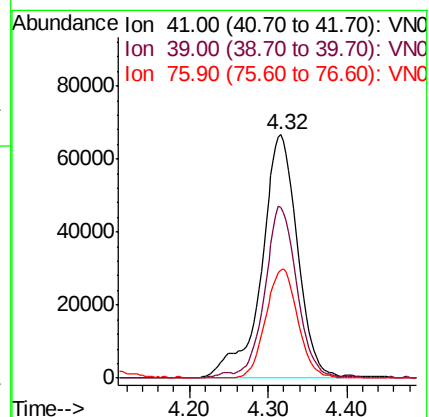
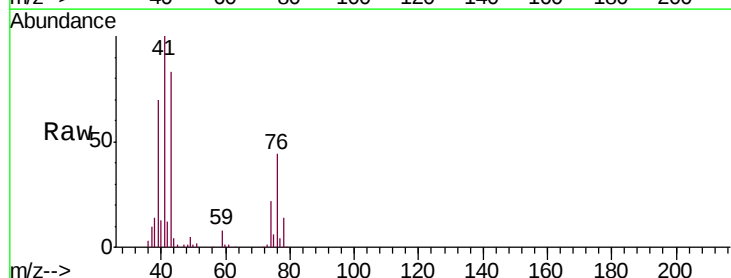
Tgt Ion: 41 Resp: 214041

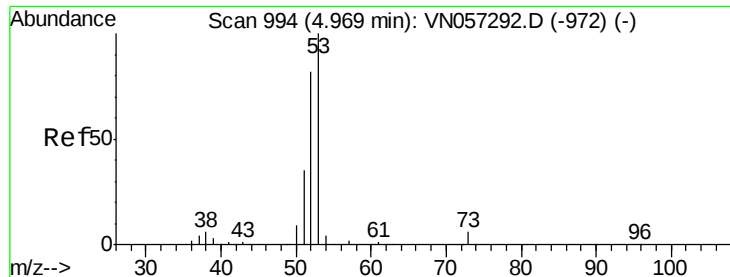
Ion Ratio Lower Upper

41 100

39 62.0 49.0 73.6

76 39.9 29.0 43.4





#15

Acrylonitrile

Concen: 92.014 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

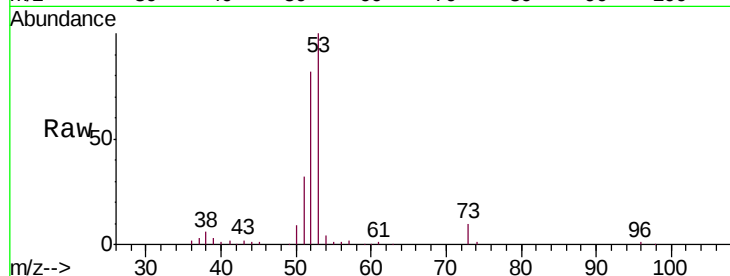
Tgt Ion: 53 Resp: 336937

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

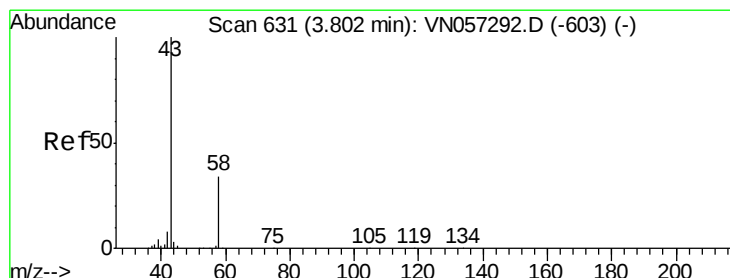
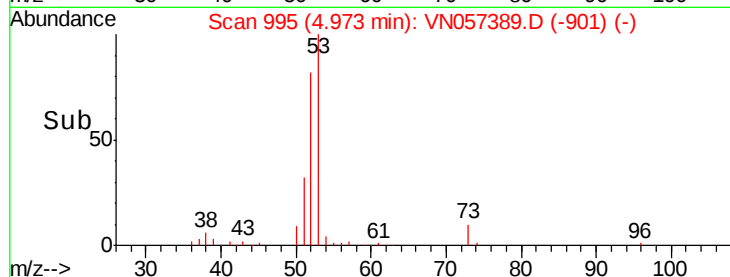
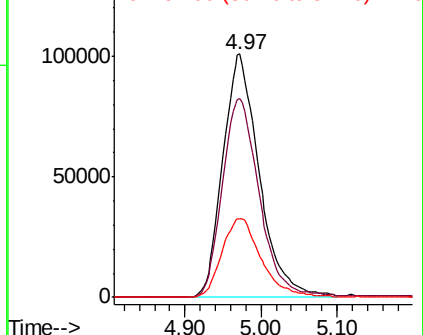
51 34.9 28.5 42.7



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: 90.014 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057389.D

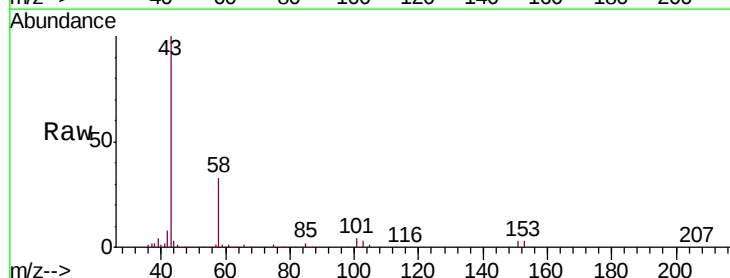
Acq: 19 Aug 2019 10:40

Tgt Ion: 43 Resp: 296254

Ion Ratio Lower Upper

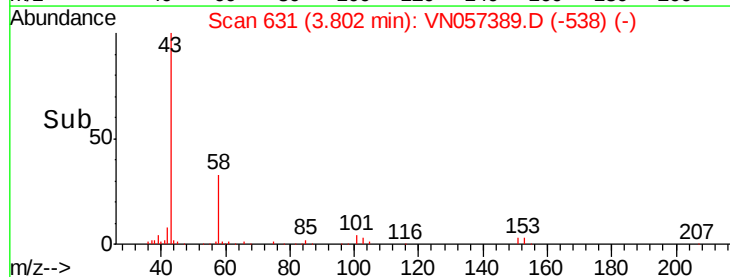
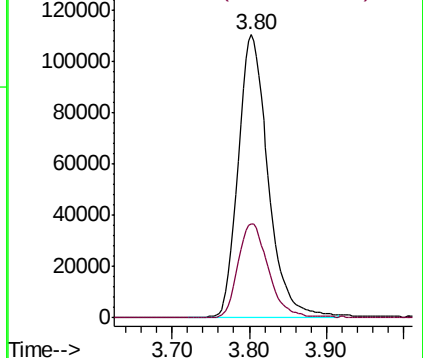
43 100

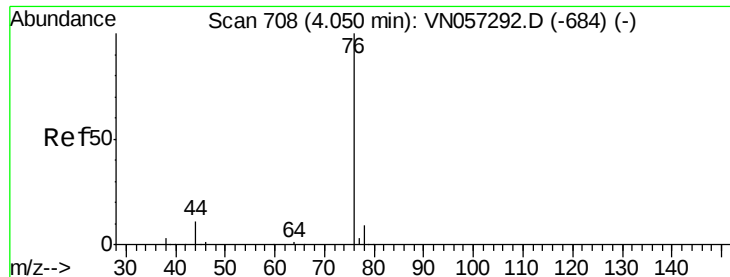
58 33.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

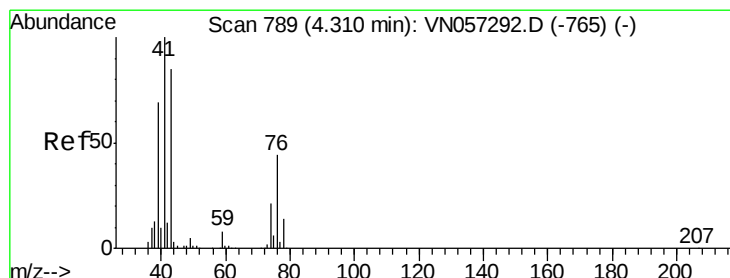
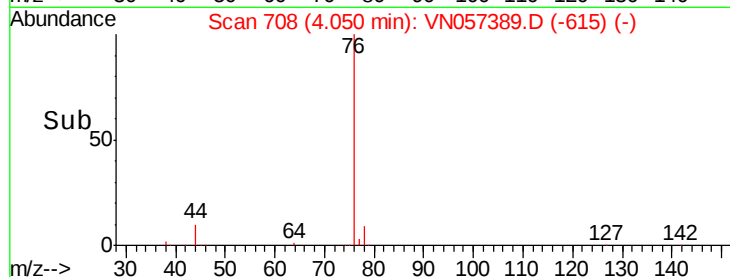
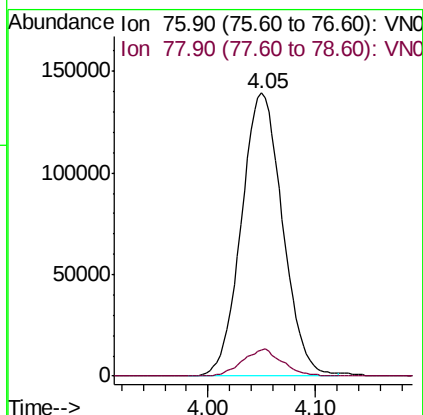
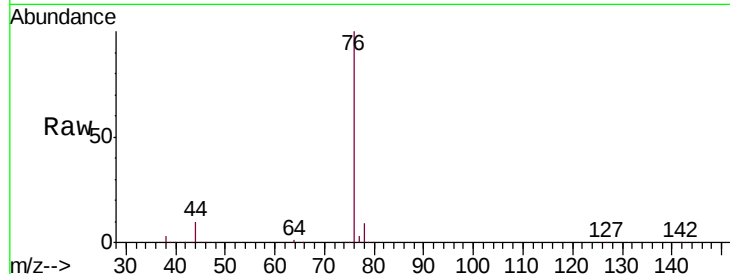




#17  
Carbon Disulfide  
Concen: 17.950 ug/l  
RT: 4.05 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

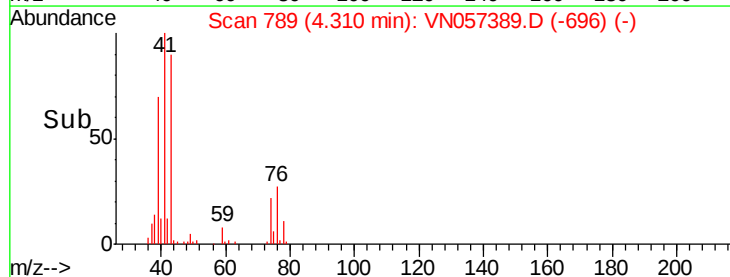
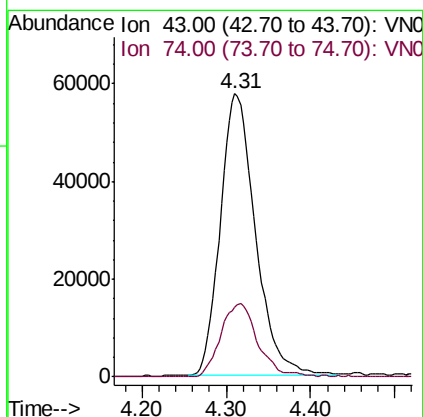
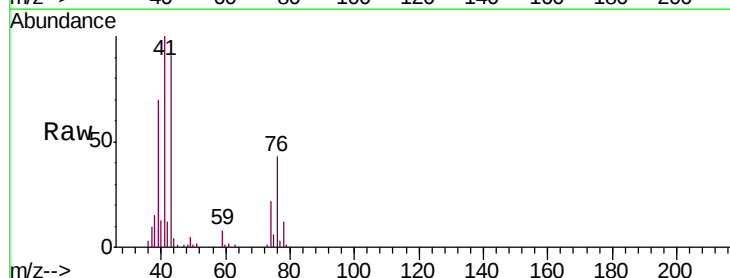
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

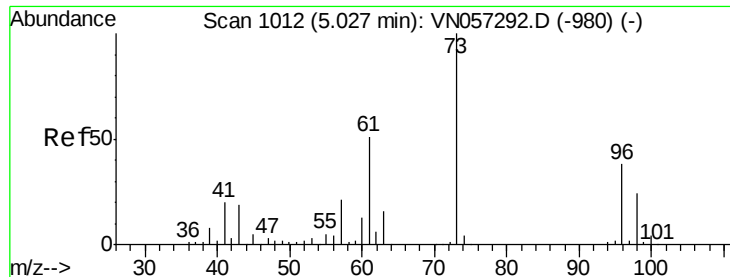
Tgt Ion: 76 Resp: 370297  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 17.473 ug/l  
RT: 4.31 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 43 Resp: 167501  
Ion Ratio Lower Upper  
43 100  
74 26.7 20.2 30.2



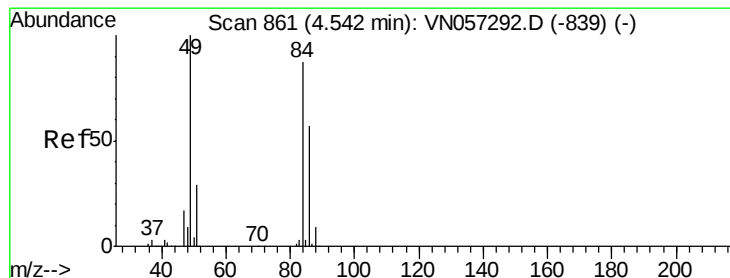
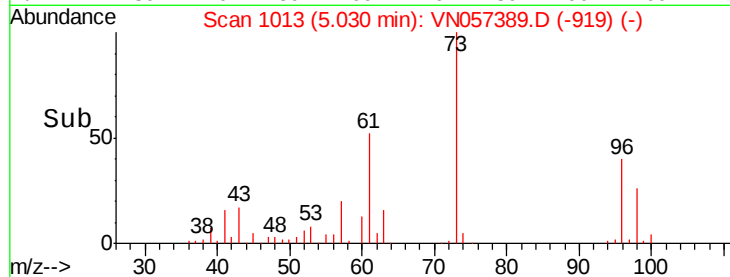
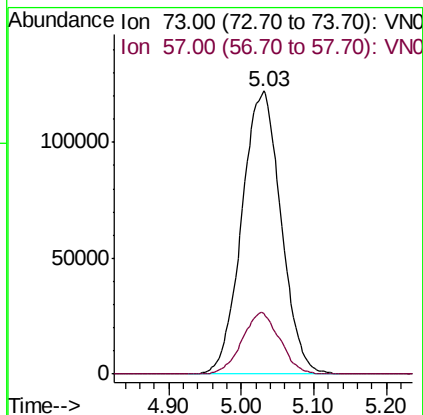
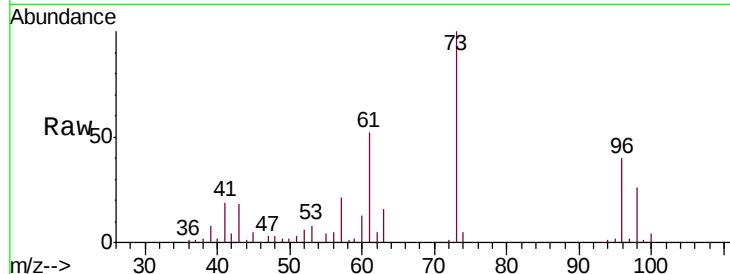


#19

Methyl tert-butyl Ether  
 Concen: 19.149 ug/l  
 RT: 5.03 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0819WBSD01

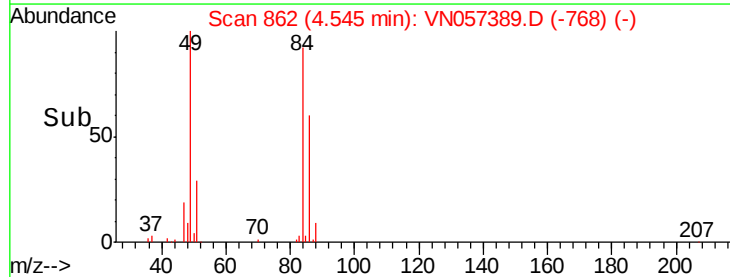
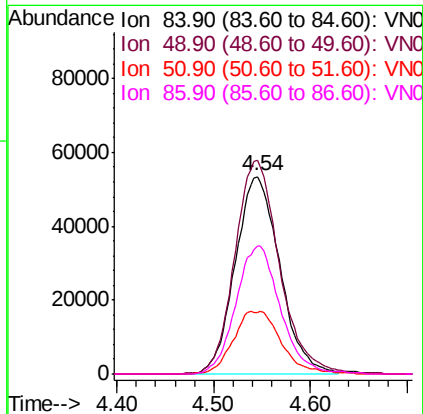
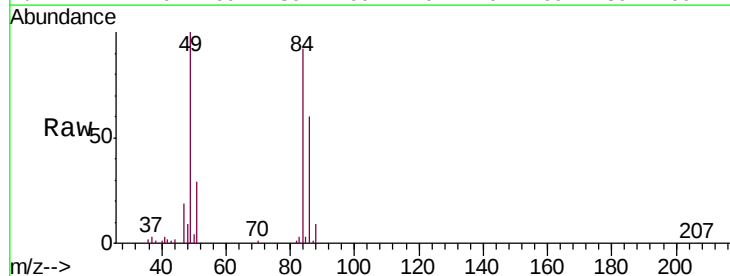
Tgt Ion: 73 Resp: 460095  
 Ion Ratio Lower Upper  
 73 100  
 57 21.2 16.9 25.3

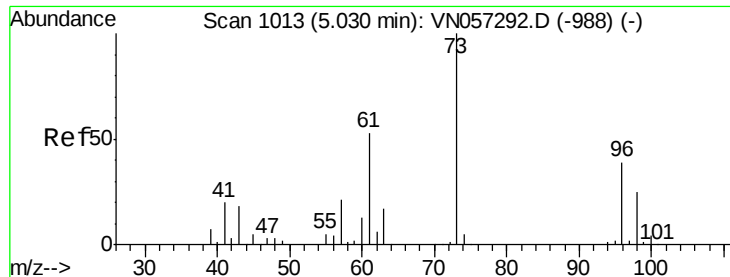


#20

Methylene Chloride  
 Concen: 18.581 ug/l  
 RT: 4.54 min Scan# 862  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion: 84 Resp: 171100  
 Ion Ratio Lower Upper  
 84 100  
 49 107.7 92.0 138.0  
 51 31.3 27.1 40.7  
 86 65.1 52.2 78.2

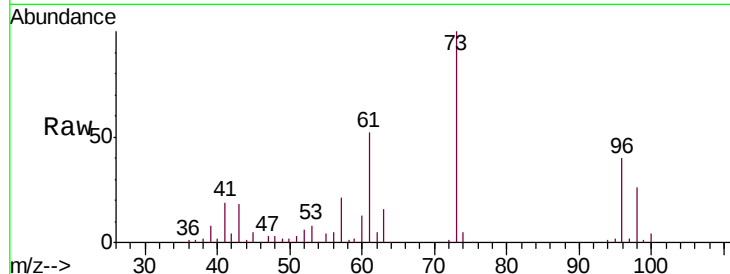




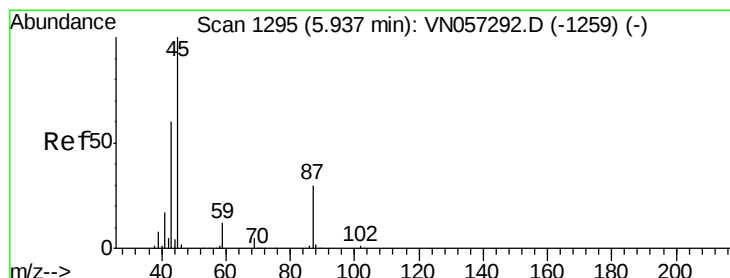
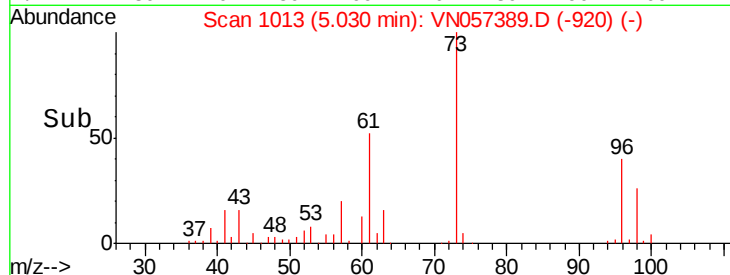
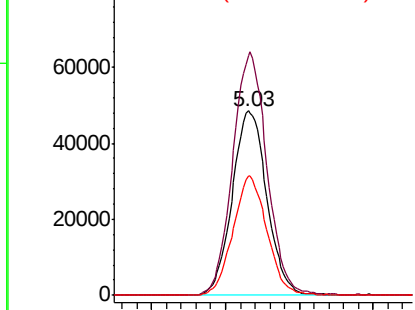
#21  
trans-1,2-Dichloroethene  
Concen: 19.346 ug/l  
RT: 5.03 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

Tgt Ion: 96 Resp: 159301  
Ion Ratio Lower Upper  
96 100  
61 129.8 109.5 164.3  
98 64.7 51.0 76.6

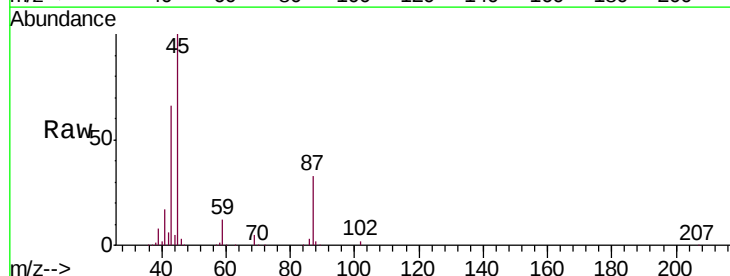


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

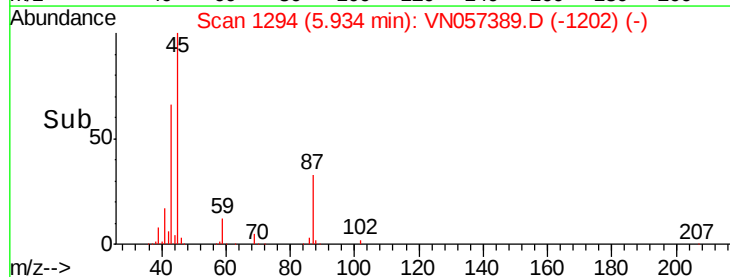
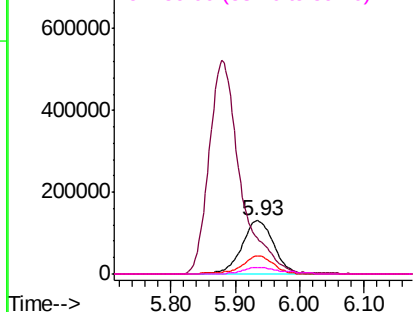


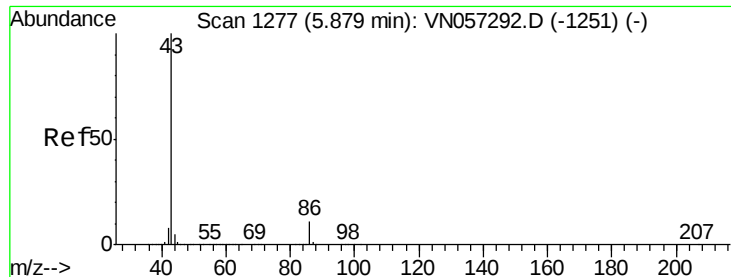
#22  
Diisopropyl ether  
Concen: 18.537 ug/l  
RT: 5.93 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 45 Resp: 449460  
Ion Ratio Lower Upper  
45 100  
43 65.0 48.3 72.5  
87 33.2 24.6 36.8  
59 11.8 9.8 14.8



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: 90.788 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

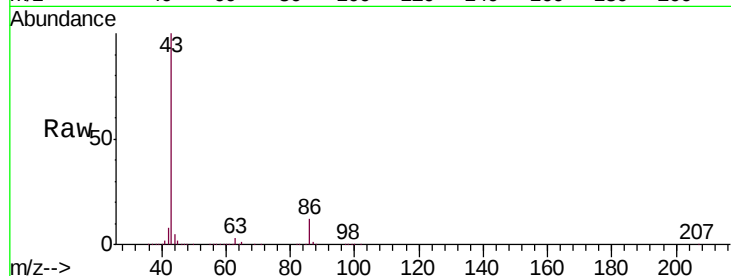
VN0819WBSD01

Tgt Ion: 43 Resp: 1771653

Ion Ratio Lower Upper

43 100

86 11.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.88

600000

500000

400000

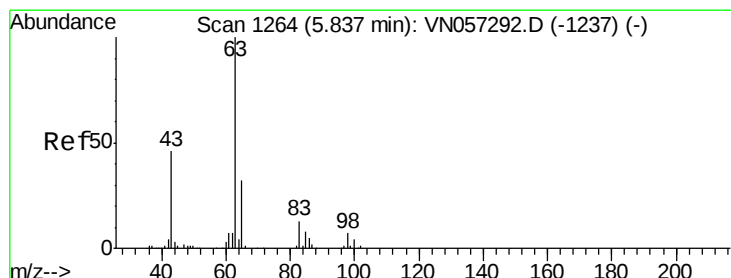
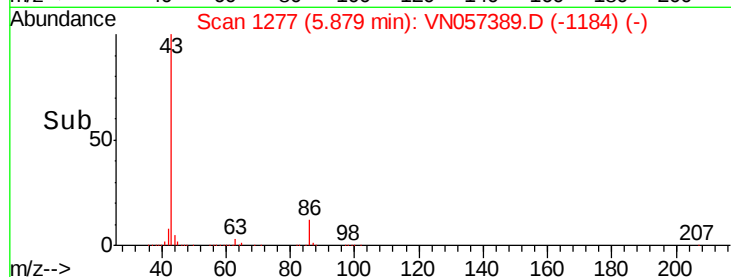
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.978 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

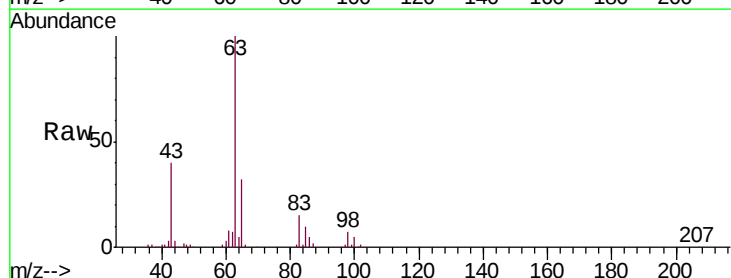
Tgt Ion: 63 Resp: 283098

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

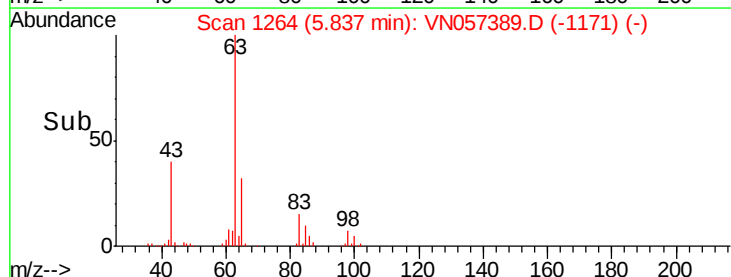
60000

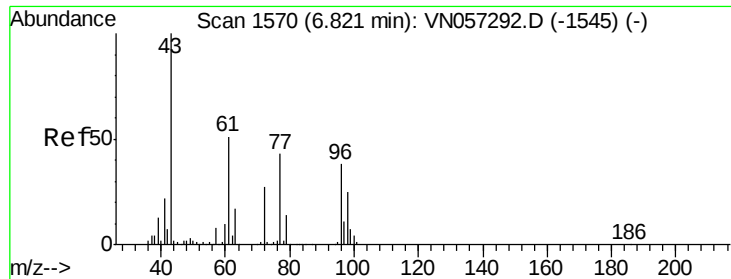
40000

20000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 88.714 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

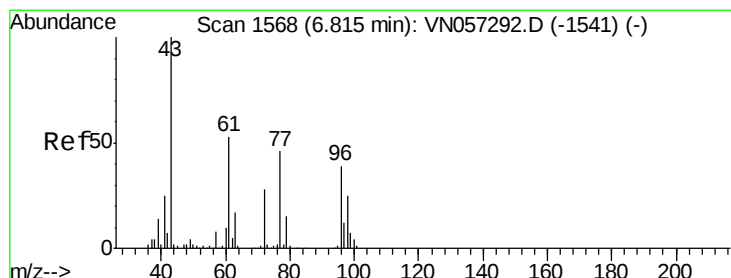
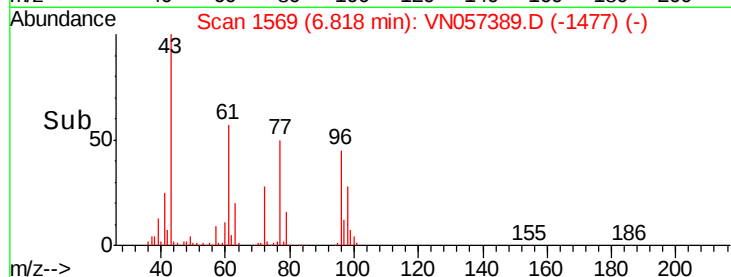
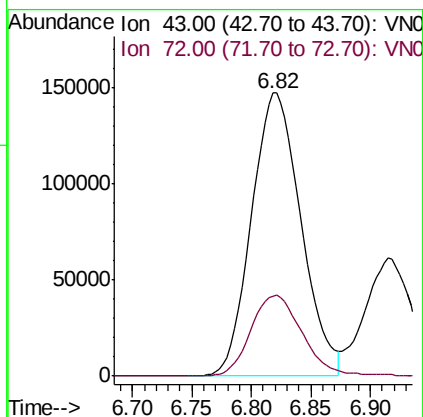
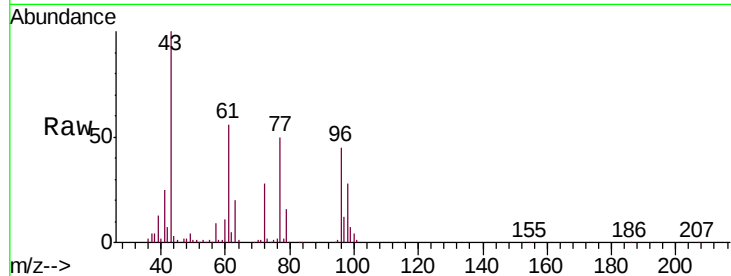
VN0819WBSD01

Tgt Ion: 43 Resp: 422812

Ion Ratio Lower Upper

43 100

72 28.2 21.5 32.3



#26

2,2-Dichloropropane

Concen: 19.940 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057389.D

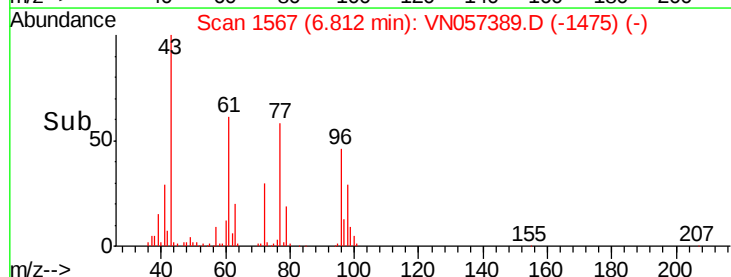
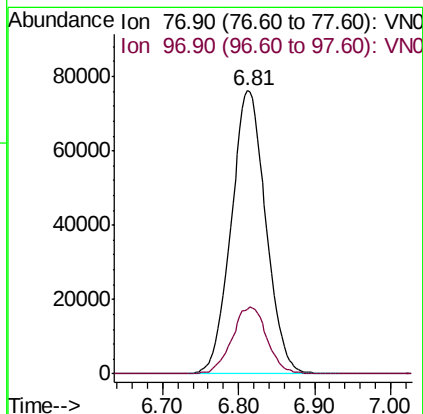
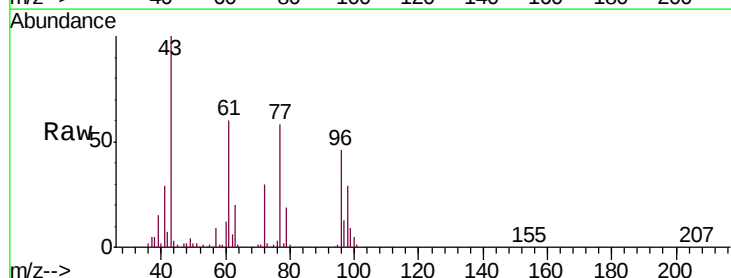
Acq: 19 Aug 2019 10:40

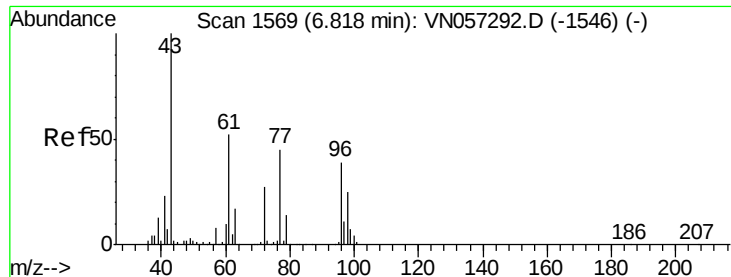
Tgt Ion: 77 Resp: 240394

Ion Ratio Lower Upper

77 100

97 23.8 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.326 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

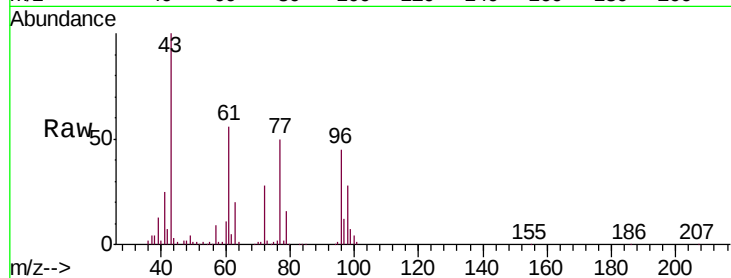
Tgt Ion: 96 Resp: 188405

Ion Ratio Lower Upper

96 100

61 132.0 0.0 272.0

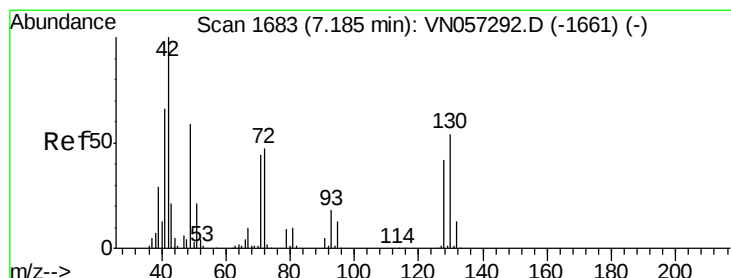
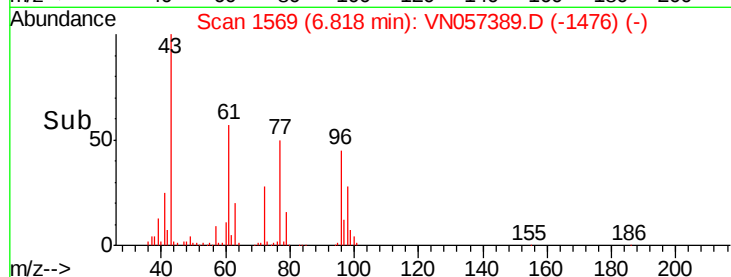
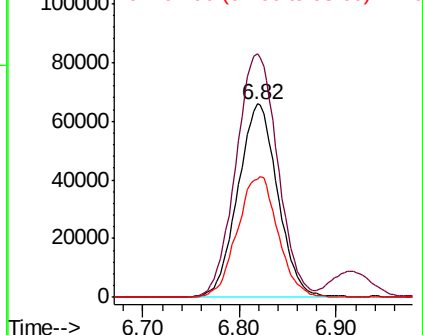
98 63.9 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.196 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

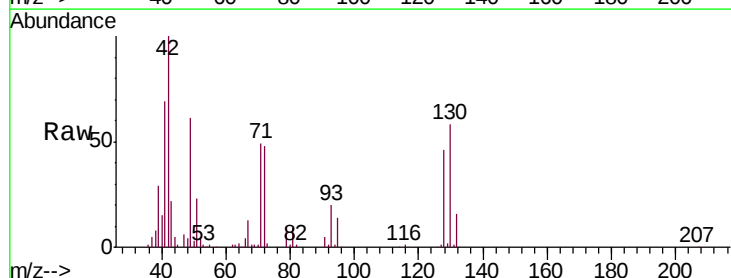
Tgt Ion: 49 Resp: 120603

Ion Ratio Lower Upper

49 100

129 3.0 0.0 2.0#

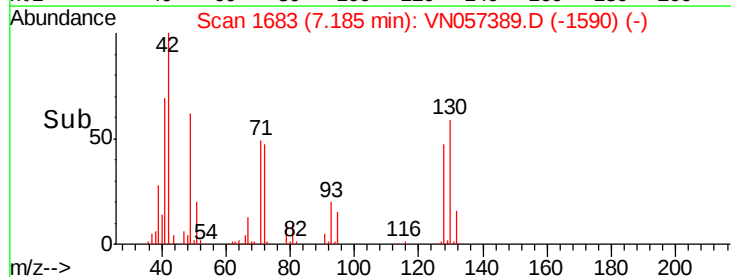
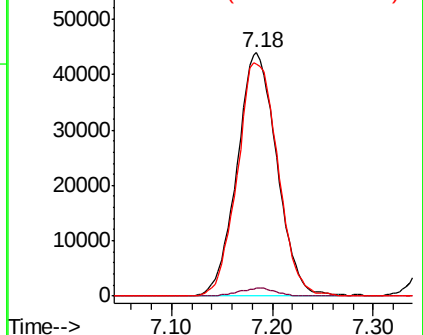
130 97.5 73.2 109.8

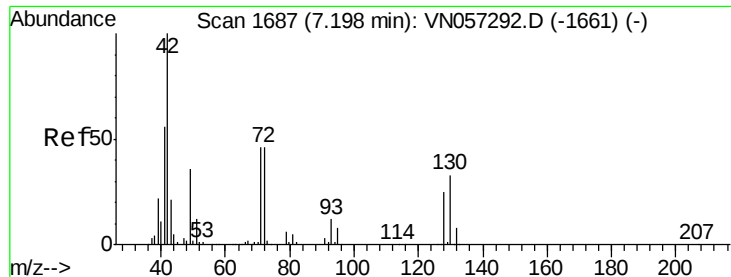


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

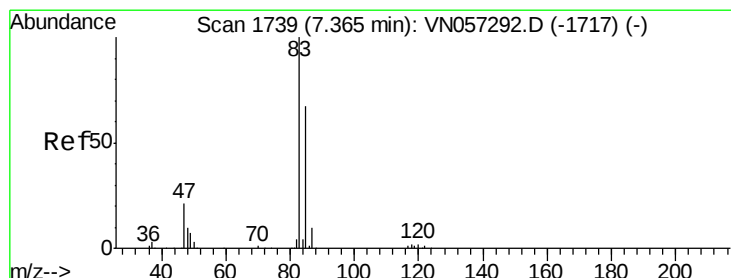
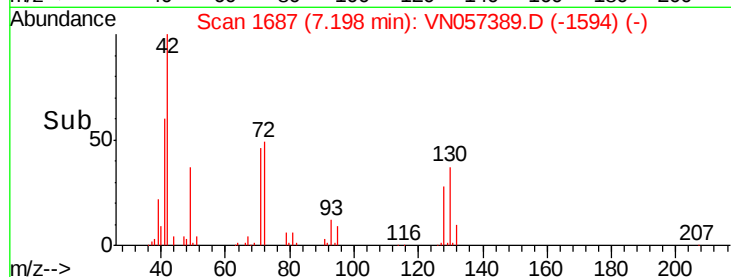
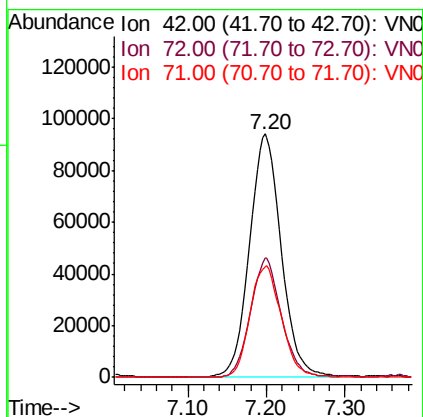
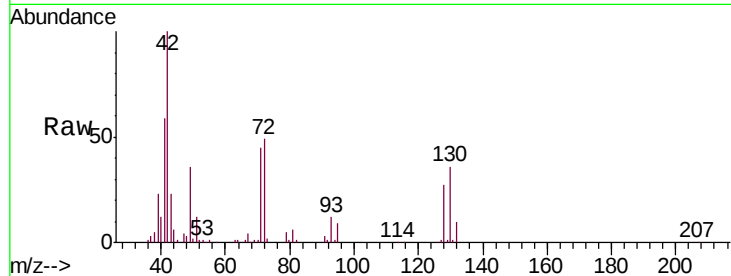




#29  
Tetrahydrofuran  
Concen: 89.618 ug/l  
RT: 7.20 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

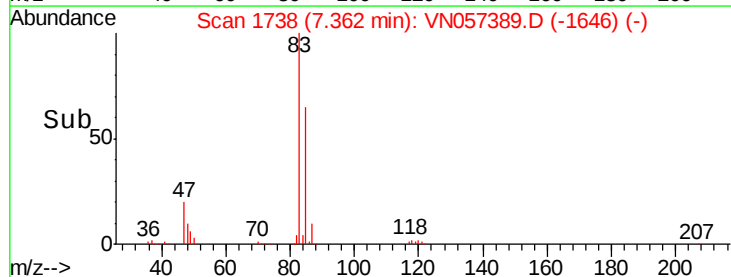
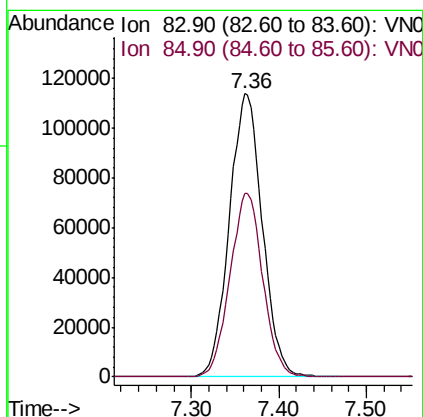
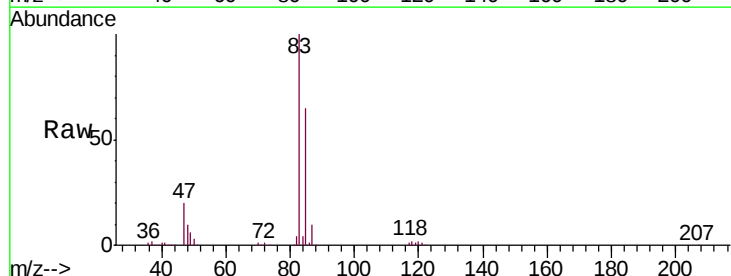
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

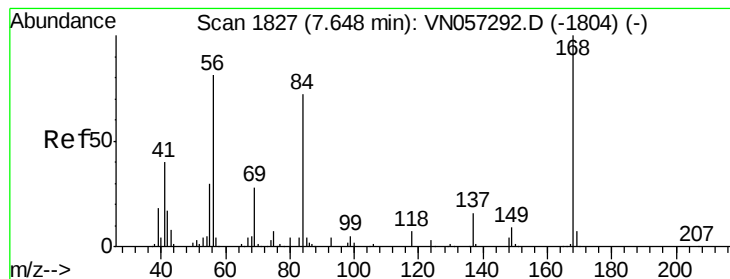
Tgt Ion: 42 Resp: 270303  
Ion Ratio Lower Upper  
42 100  
72 47.5 37.8 56.6  
71 45.3 35.7 53.5



#30  
Chloroform  
Concen: 19.048 ug/l  
RT: 7.36 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 83 Resp: 297778  
Ion Ratio Lower Upper  
83 100  
85 64.9 53.3 79.9





#31

Cyclohexane

Concen: 17.766 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

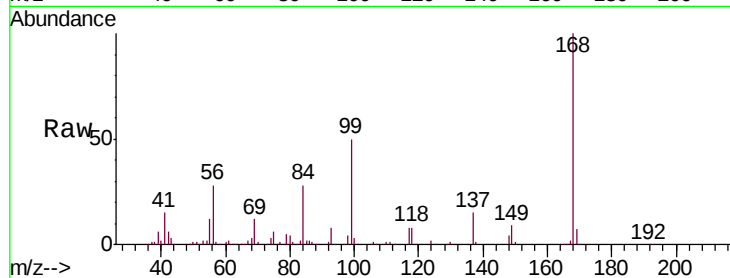
Tgt Ion: 56 Resp: 229666

Ion Ratio Lower Upper

56 100

69 41.7 27.3 40.9#

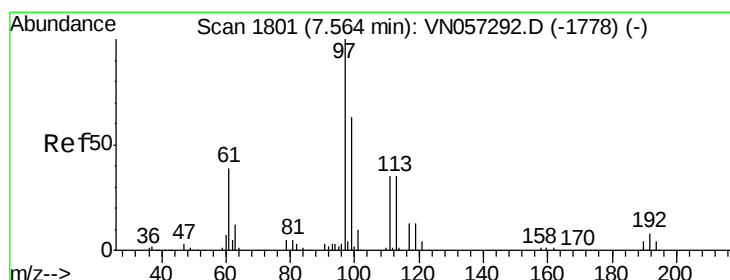
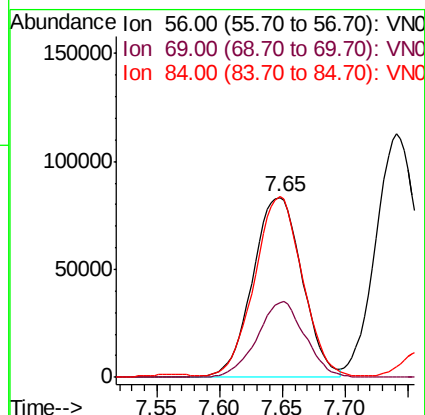
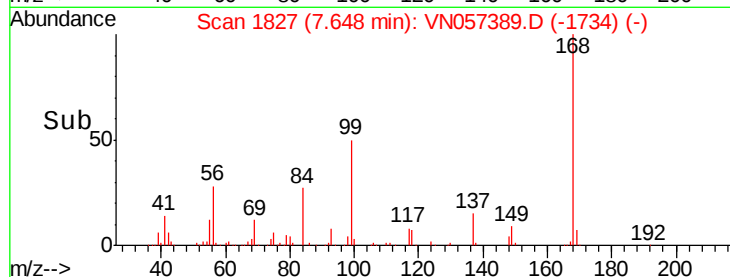
84 99.2 71.0 106.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.737 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

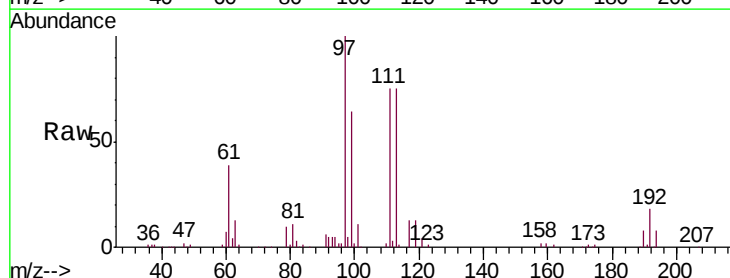
Tgt Ion: 97 Resp: 259510

Ion Ratio Lower Upper

97 100

99 65.3 50.3 75.5

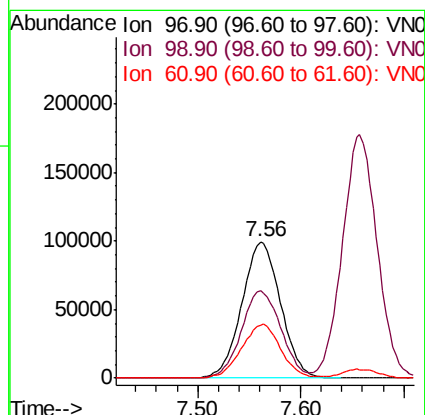
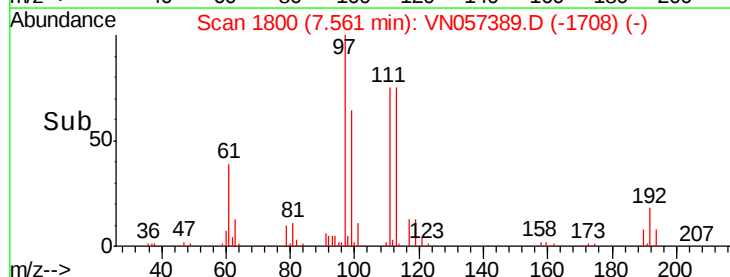
61 39.9 31.3 46.9

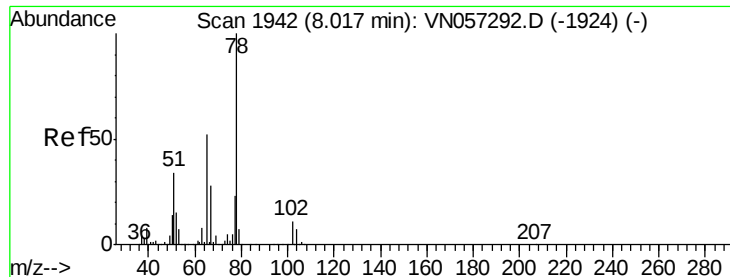


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

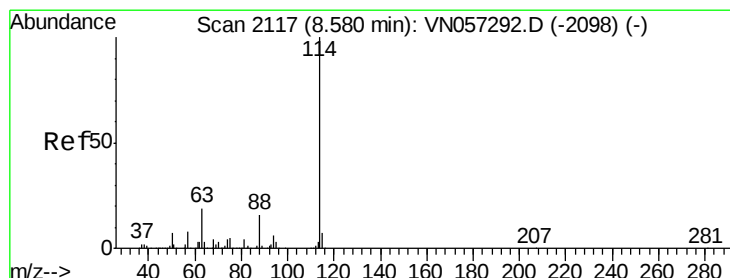
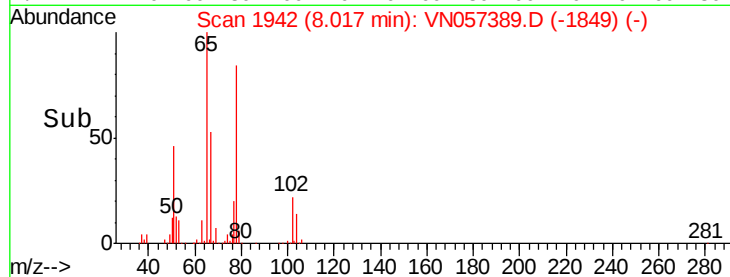
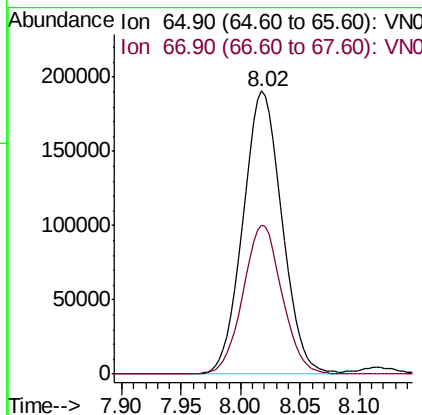
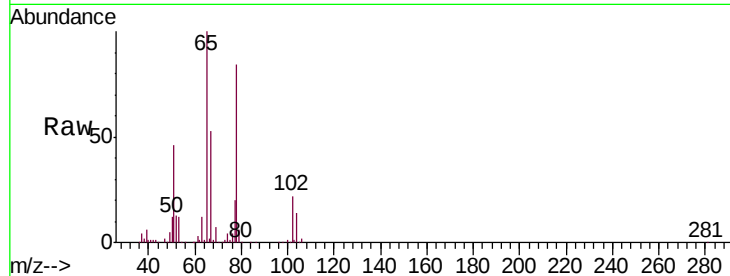




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.726 ug/l  
 RT: 8.02 min Scan# 1942  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

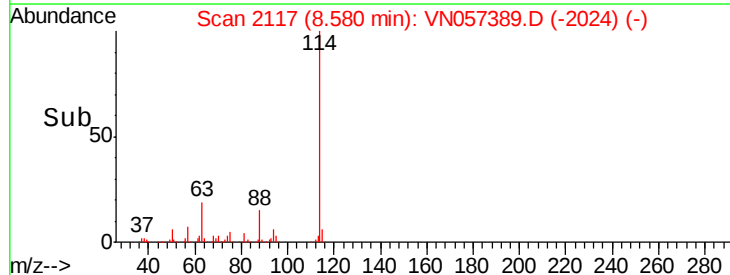
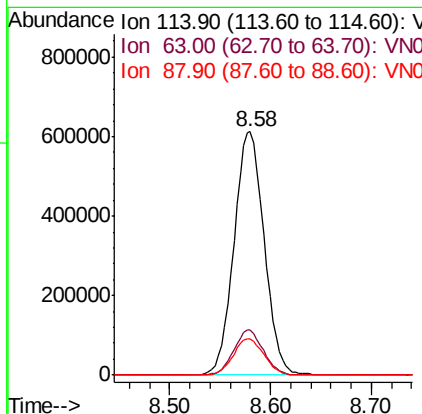
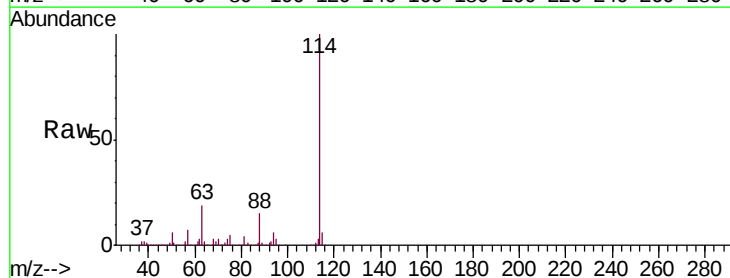
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0819WBSD01

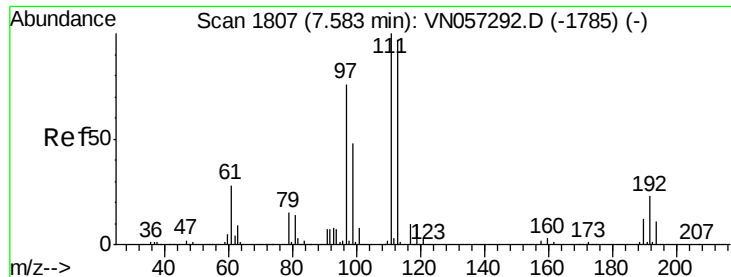
Tgt Ion: 65 Resp: 433827  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion: 114 Resp: 1271162  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 38.8  
 88 15.0 0.0 31.4

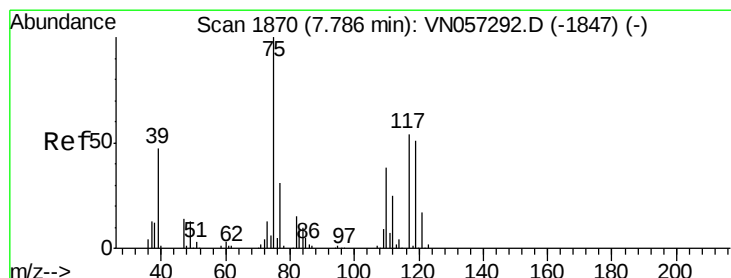
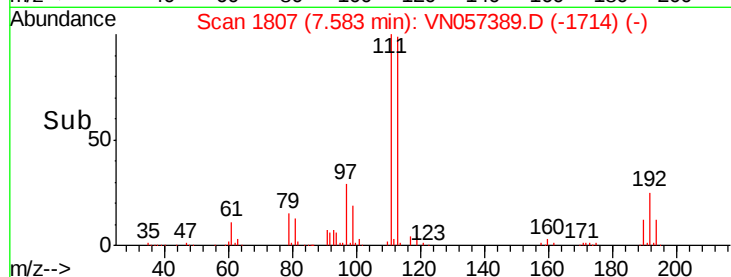
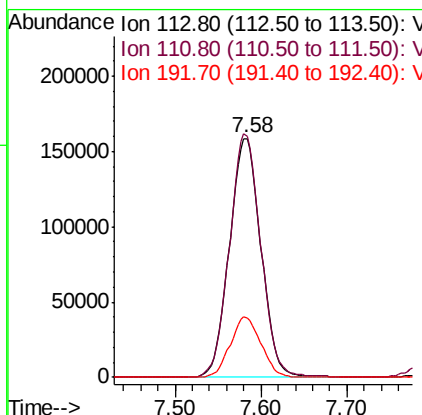
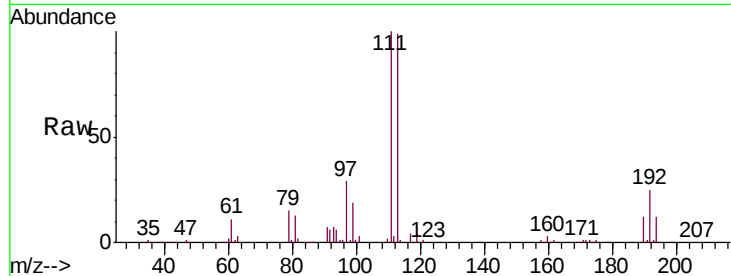




#35  
 Dibromofluoromethane  
 Concen: 48.554 ug/l  
 RT: 7.58 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

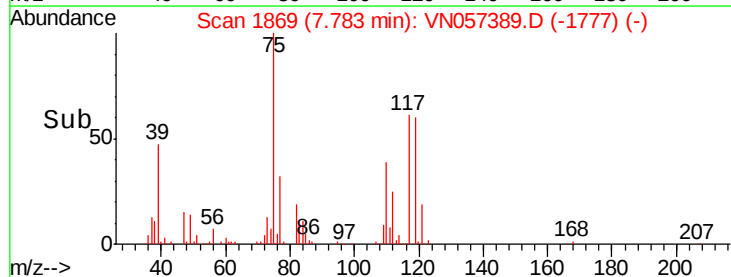
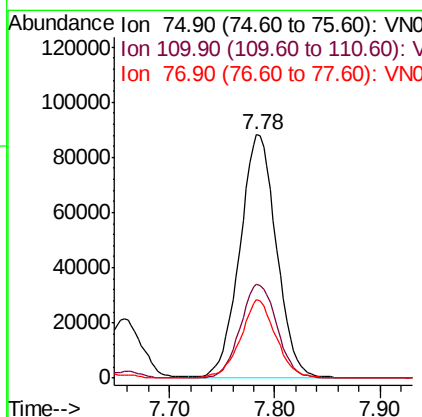
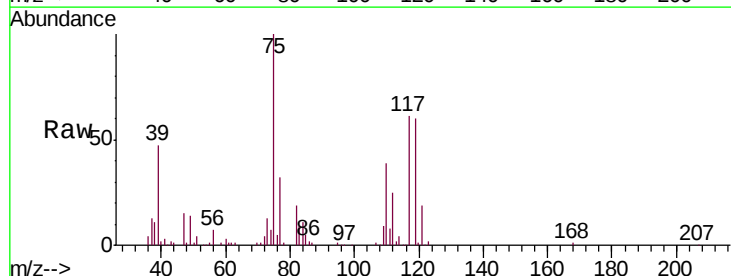
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0819WBSD01

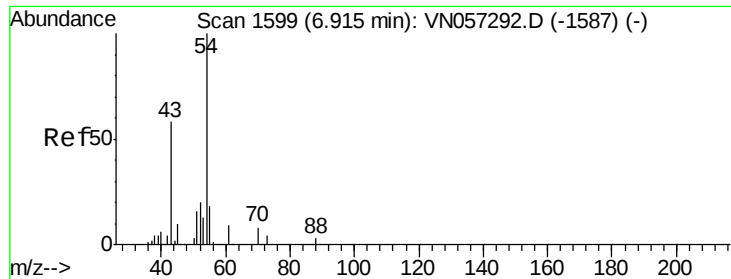
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.7 | 82.1  | 123.1 |
| 192     | 24.6  | 19.3  | 28.9  |



#36  
 1,1-Dichloropropene  
 Concen: 18.881 ug/l  
 RT: 7.78 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.9  | 19.5  | 58.5  |
| 77      | 31.2  | 25.0  | 37.6  |

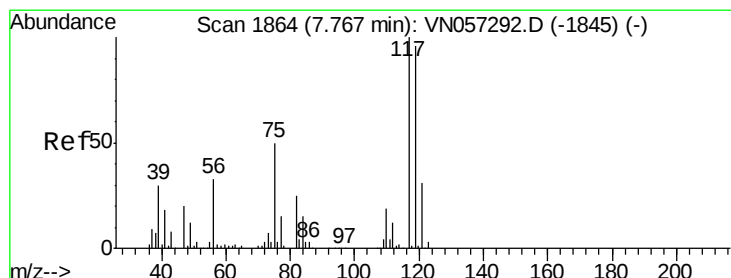
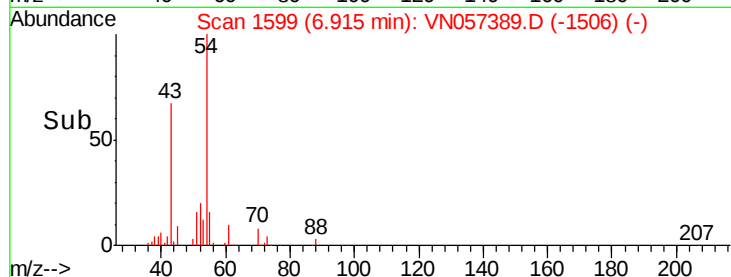
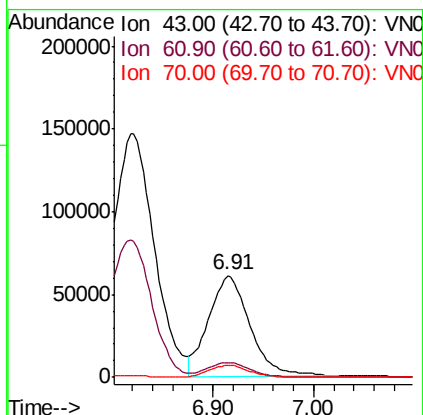
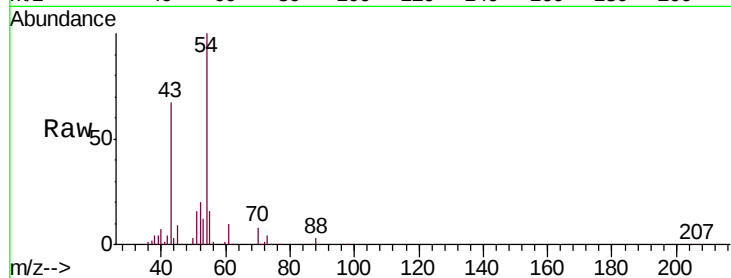




#37  
 Ethyl Acetate  
 Concen: 18.866 ug/l  
 RT: 6.91 min Scan# 1599  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

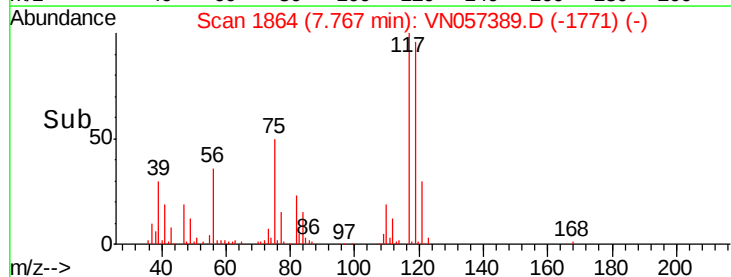
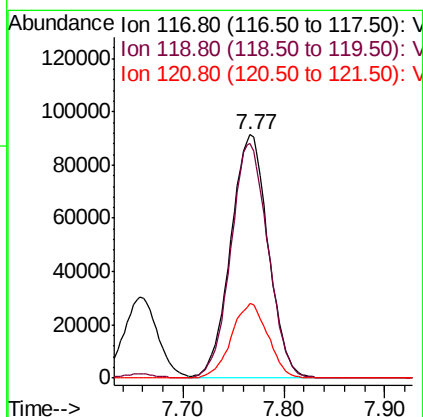
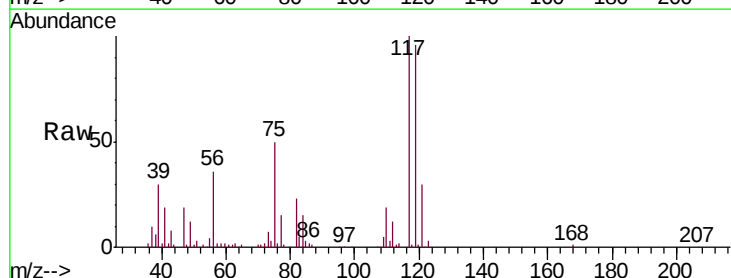
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0819WBSD01

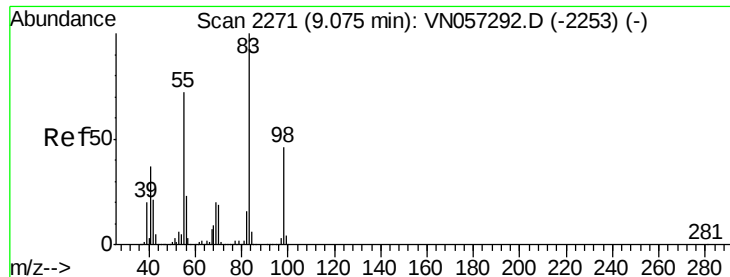
Tgt Ion: 43 Resp: 173423  
 Ion Ratio Lower Upper  
 43 100  
 61 14.9 12.0 18.0  
 70 11.5 9.2 13.8



#38  
 Carbon Tetrachloride  
 Concen: 20.267 ug/l  
 RT: 7.77 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion: 117 Resp: 236338  
 Ion Ratio Lower Upper  
 117 100  
 119 96.2 76.8 115.2  
 121 30.4 25.0 37.4

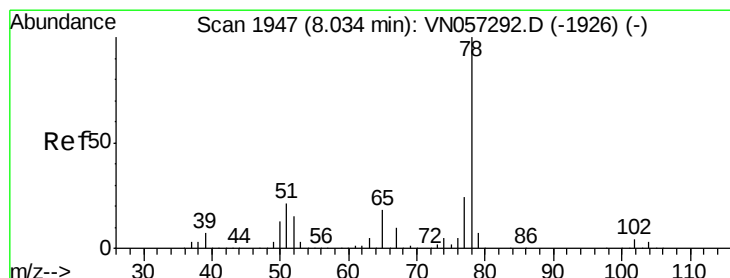
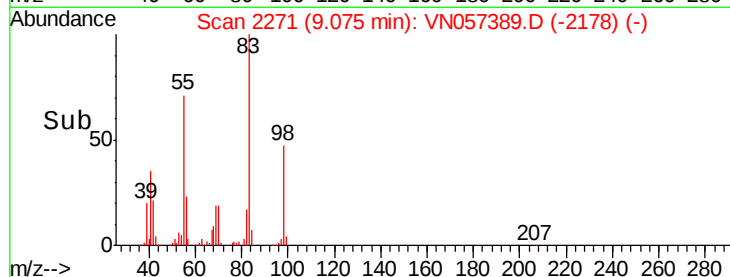
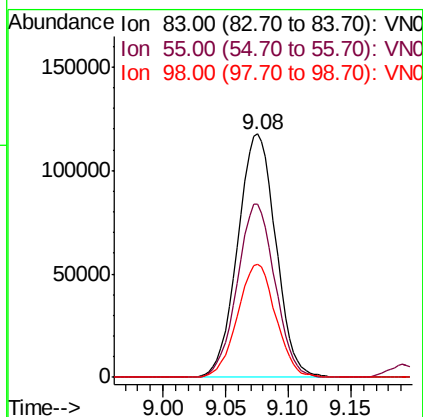
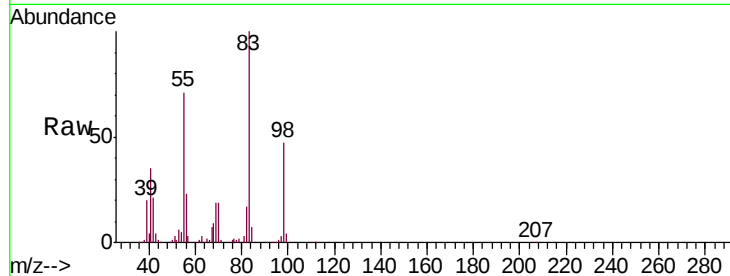




#39  
Methylcyclohexane  
Concen: 18.997 ug/l  
RT: 9.08 min Scan# 2271  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

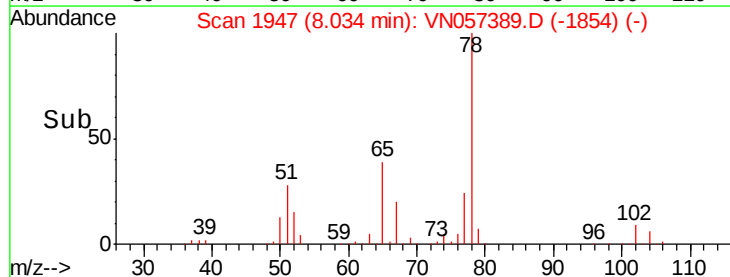
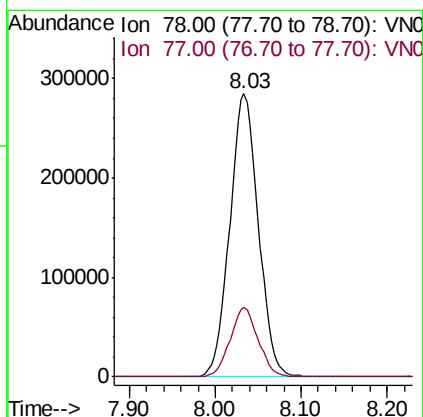
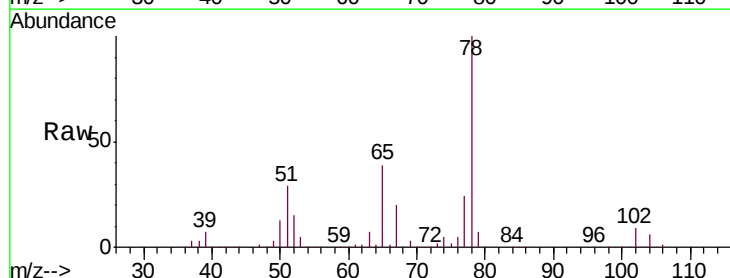
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

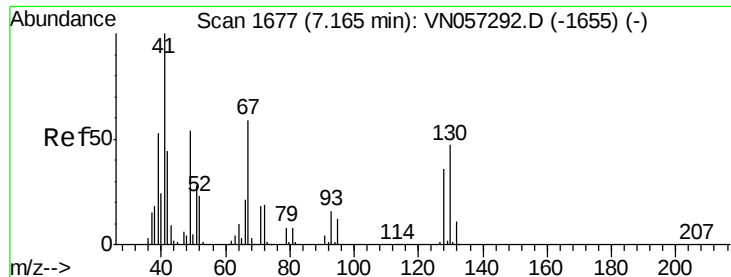
Tgt Ion: 83 Resp: 248959  
Ion Ratio Lower Upper  
83 100  
55 71.1 57.5 86.3  
98 46.7 36.6 55.0



#40  
Benzene  
Concen: 19.106 ug/l  
RT: 8.03 min Scan# 1947  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 78 Resp: 655868  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.1 28.7

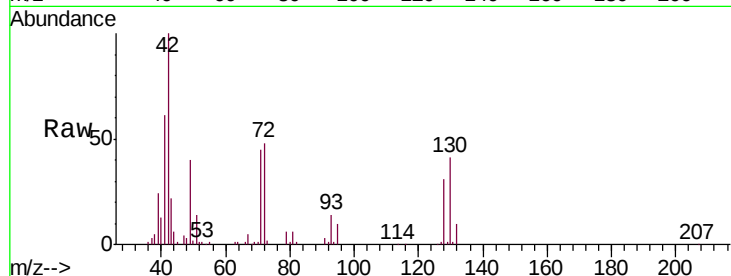




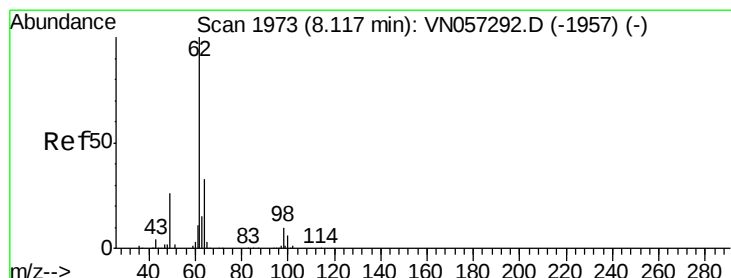
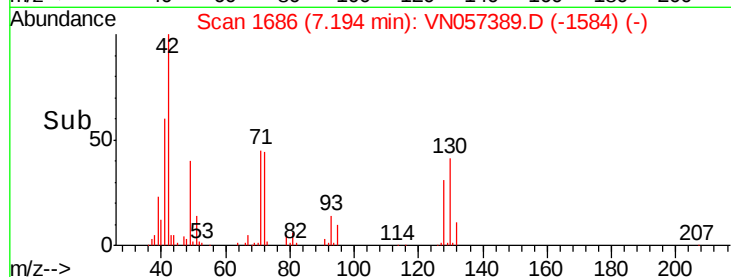
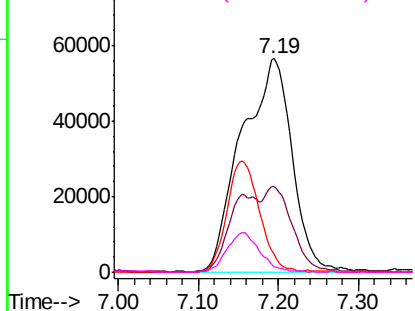
#41  
Methacrylonitrile  
Concen: 59.121 ug/l  
RT: 7.19 min Scan# 1686  
Delta R.T. 0.03 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 244743 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

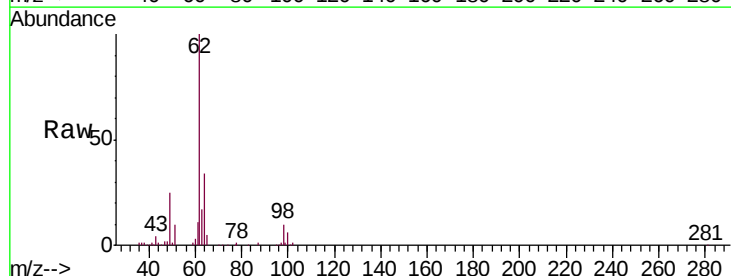


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

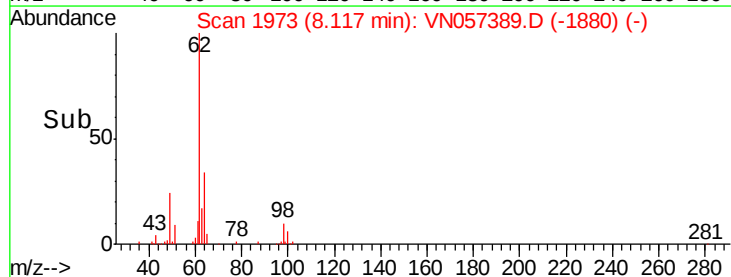
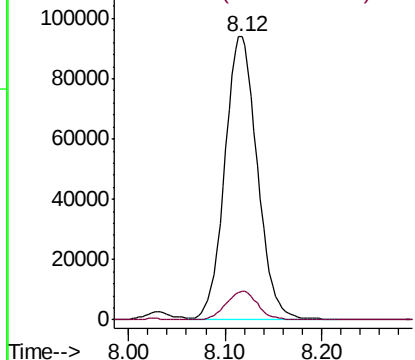


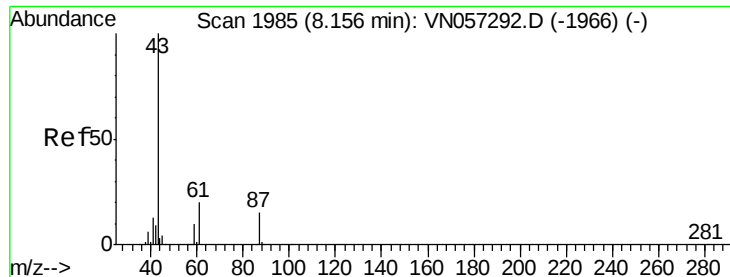
#42  
1,2-Dichloroethane  
Concen: 19.270 ug/l  
RT: 8.12 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 218945 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.8   | 0.0   | 19.4   |



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





#43

Isopropyl Acetate

Concen: 18.035 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampled :

VN0819WBSD01

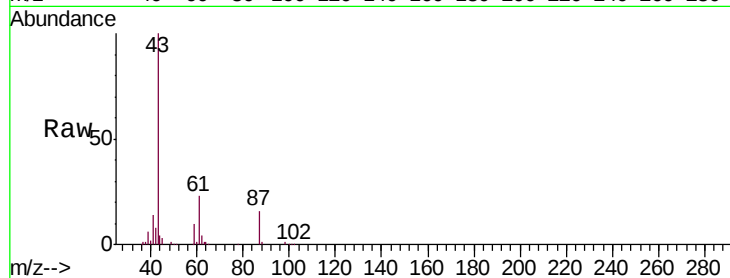
Tgt Ion: 43 Resp: 315312

Ion Ratio Lower Upper

43 100

61 27.6 21.6 32.4

87 14.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)

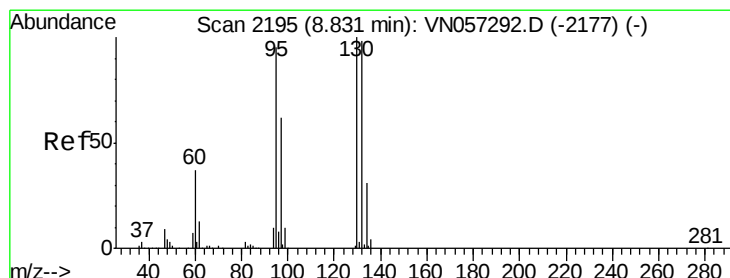
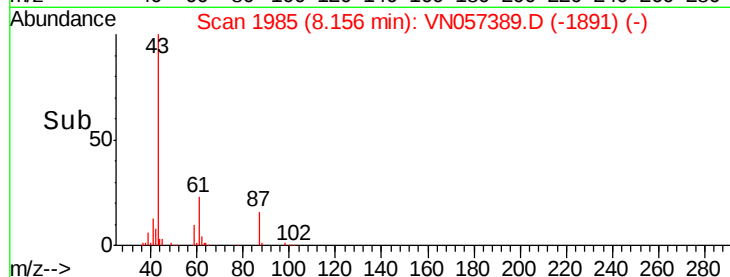
150000

8.16

100000

50000

Time--> 8.00 8.10 8.20 8.30



#44

Trichloroethene

Concen: 20.069 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VN057389.D

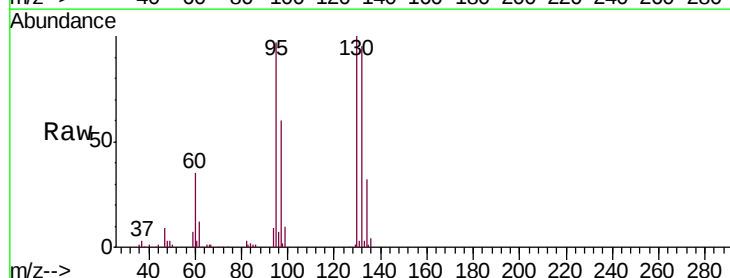
Acq: 19 Aug 2019 10:40

Tgt Ion: 130 Resp: 193691

Ion Ratio Lower Upper

130 100

95 96.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VN057292.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057292.D (-2177) (-)

100000

8.83

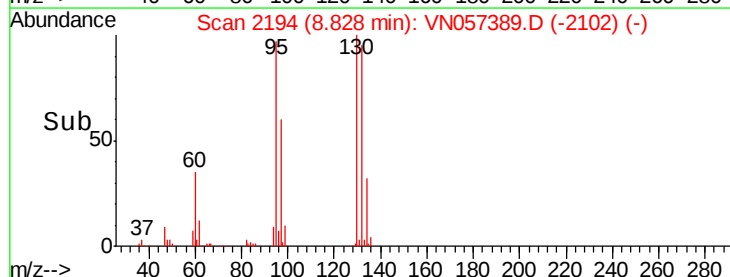
80000

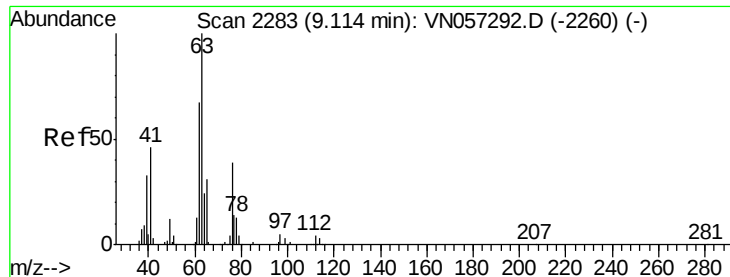
60000

40000

20000

Time--> 8.80 8.90

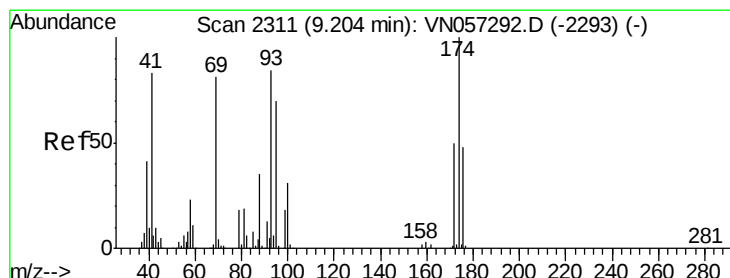
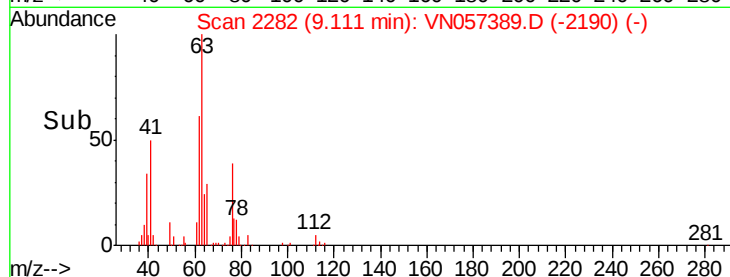
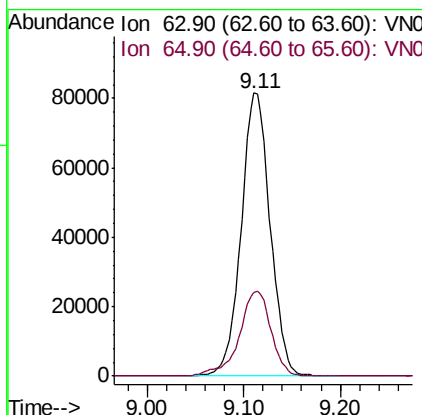
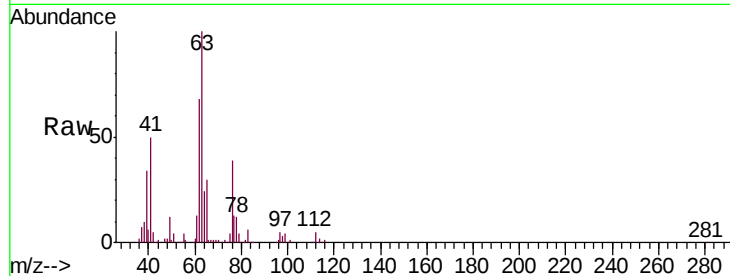




#45  
 1,2-Dichloropropane  
 Concen: 19.179 ug/l  
 RT: 9.11 min Scan# 2282  
 Delta R.T. -0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

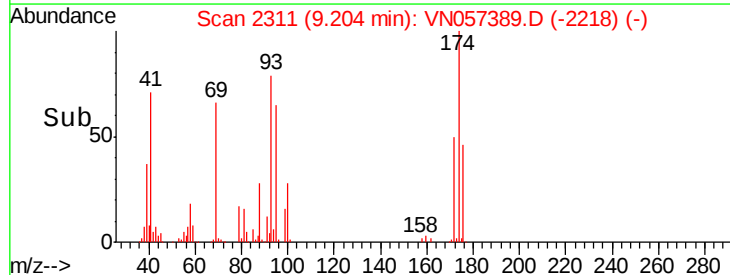
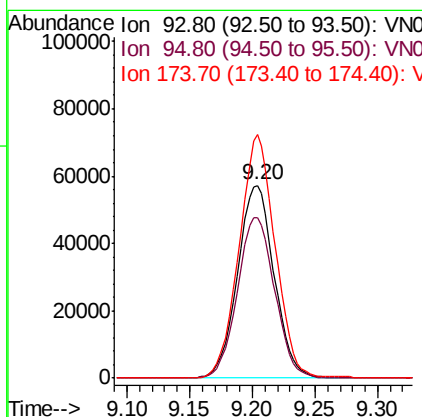
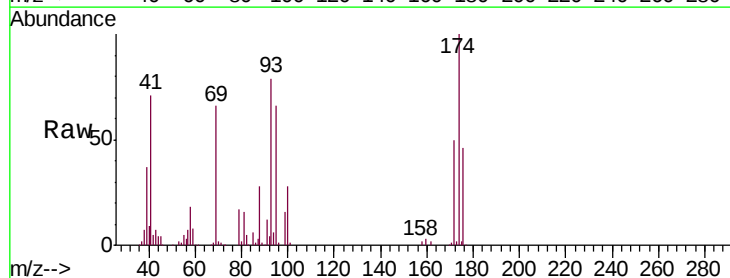
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0819WBSD01

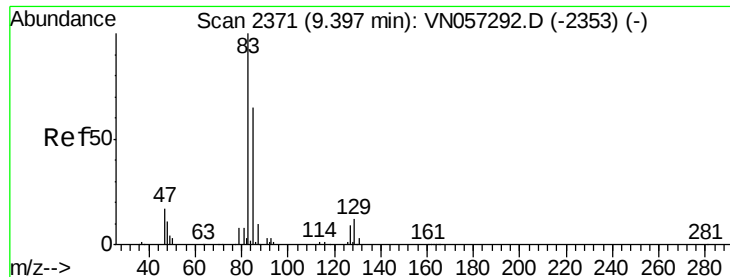
Tgt Ion: 63 Resp: 169709  
 Ion Ratio Lower Upper  
 63 100  
 65 29.6 24.8 37.2



#46  
 Dibromomethane  
 Concen: 19.707 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion: 93 Resp: 116330  
 Ion Ratio Lower Upper  
 93 100  
 95 84.4 66.5 99.7  
 174 124.0 95.7 143.5





#47

Bromodichloromethane

Concen: 19.557 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

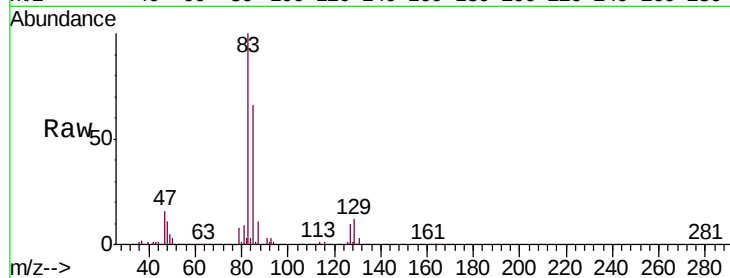
Tgt Ion: 83 Resp: 228734

Ion Ratio Lower Upper

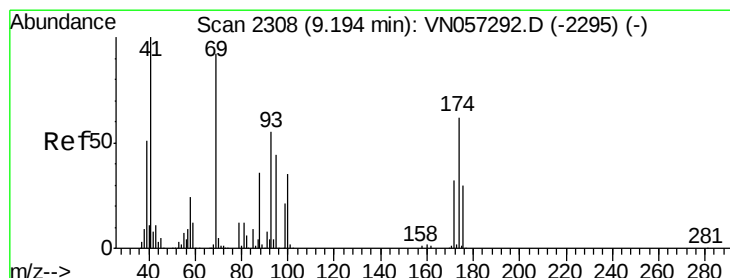
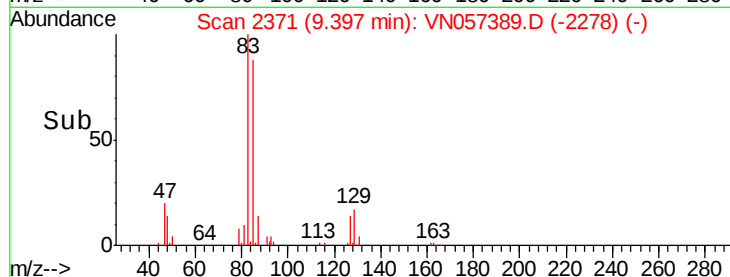
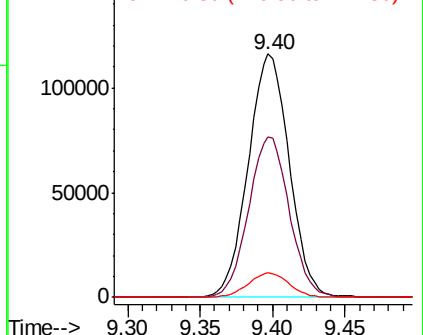
83 100

85 66.1 51.9 77.9

127 10.2 7.2 10.8



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



#48

Methyl methacrylate

Concen: 18.359 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

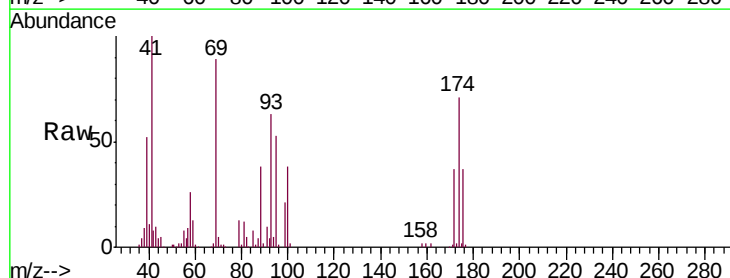
Tgt Ion: 41 Resp: 138977

Ion Ratio Lower Upper

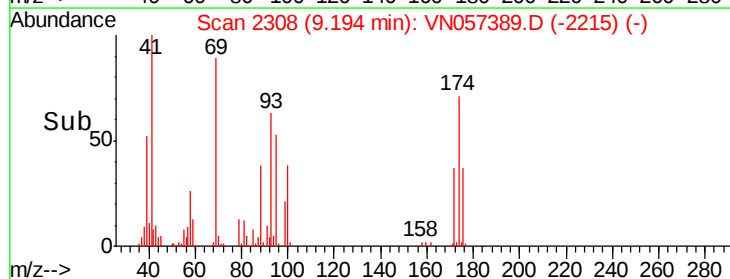
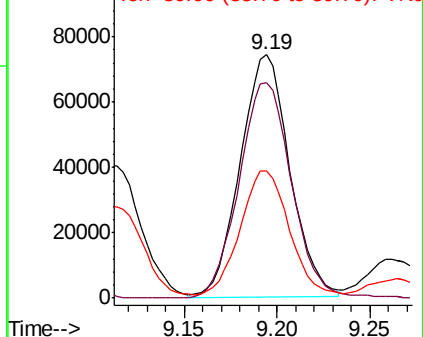
41 100

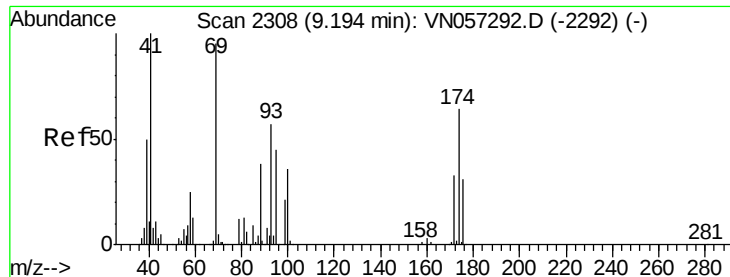
69 94.2 75.9 113.9

39 53.2 42.3 63.5



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

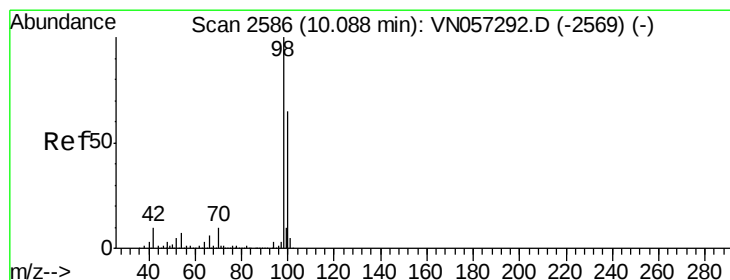
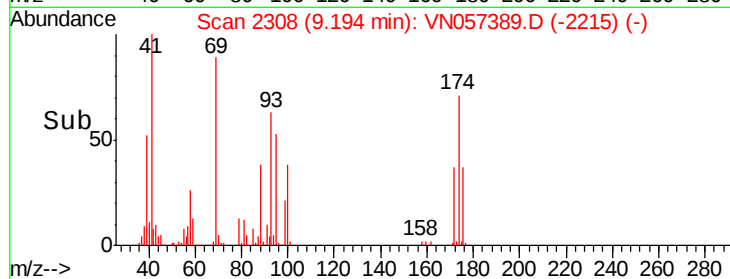
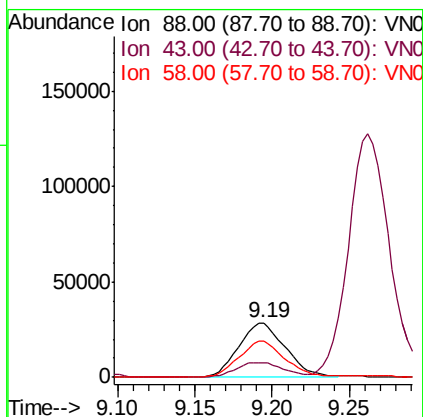
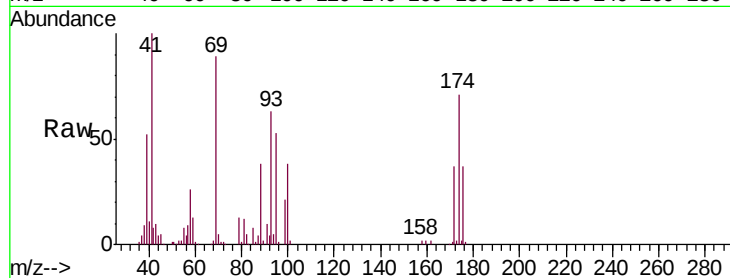




#49  
1,4-Dioxane  
Concen: 379.067 ug/l  
RT: 9.19 min Scan# 2308  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

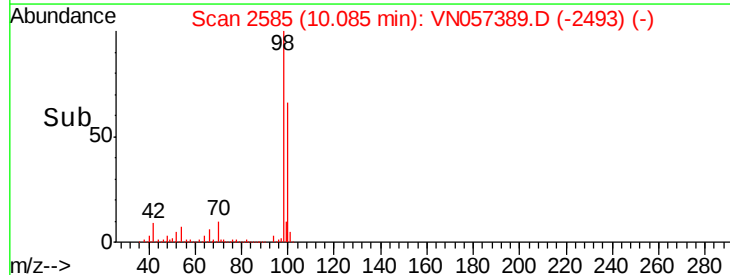
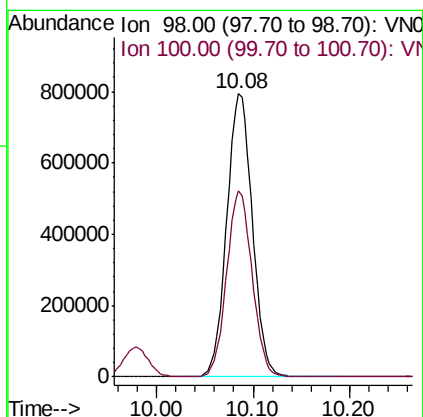
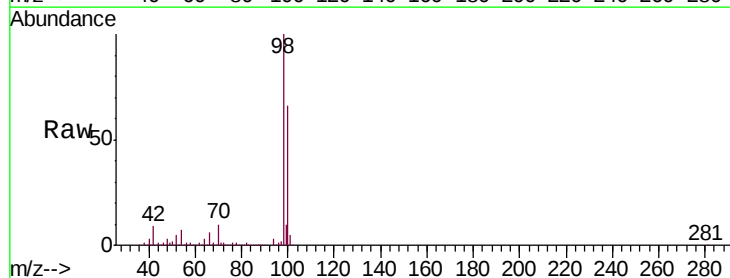
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

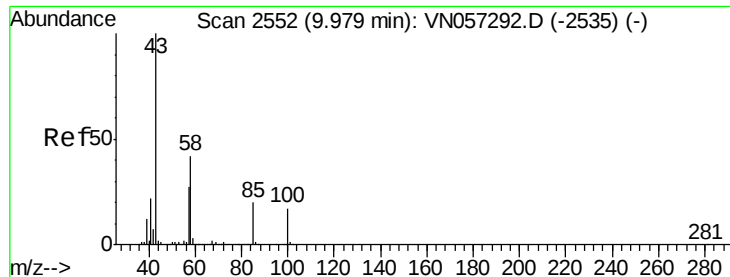
Tgt Ion: 88 Resp: 60344  
Ion Ratio Lower Upper  
88 100  
43 26.4 22.9 34.3  
58 65.8 52.7 79.1



#50  
Toluene-d8  
Concen: 47.946 ug/l  
RT: 10.08 min Scan# 2585  
Delta R.T. -0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 98 Resp: 1461252  
Ion Ratio Lower Upper  
98 100  
100 65.1 51.9 77.9

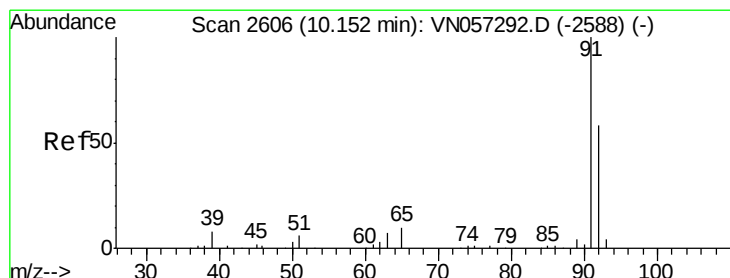
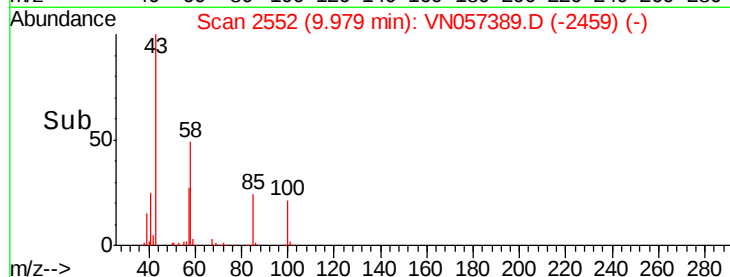
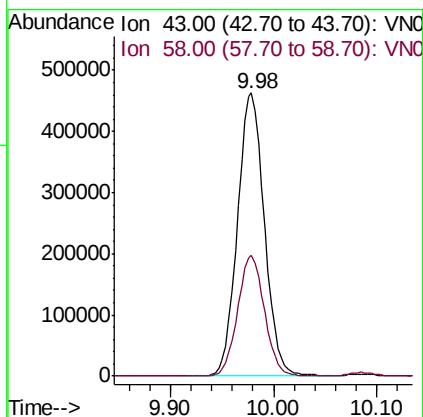
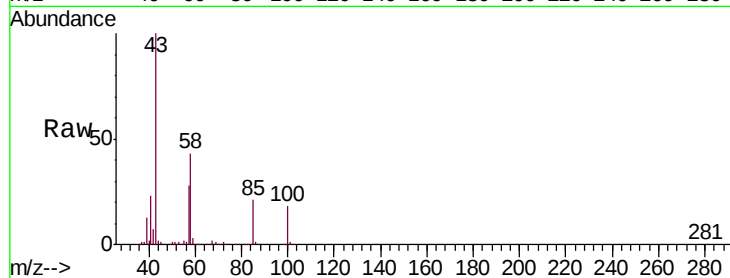




#51  
 4-Methyl-2-Pentanone  
 Concen: 88.600 ug/l  
 RT: 9.98 min Scan# 2552  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

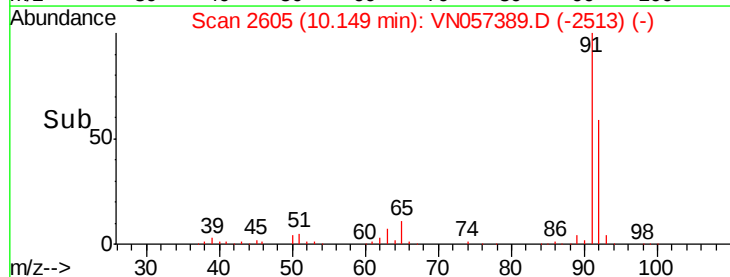
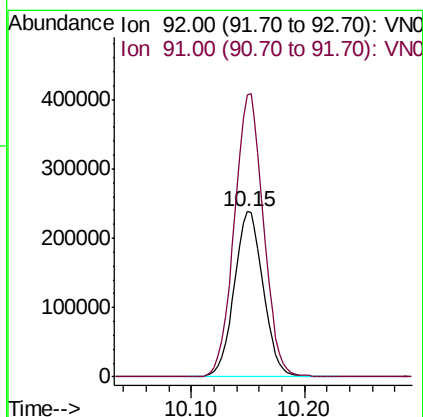
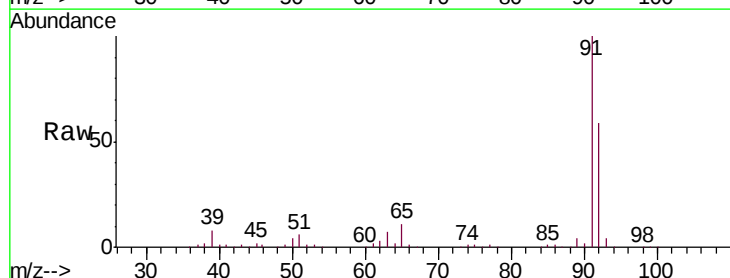
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0819WBSD01

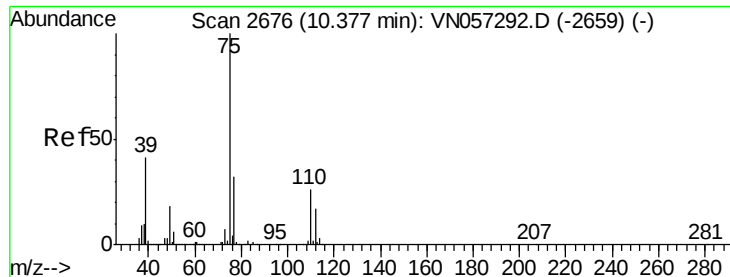
Tgt Ion: 43 Resp: 840234  
 Ion Ratio Lower Upper  
 43 100  
 58 42.5 33.2 49.8



#52  
 Toluene  
 Concen: 19.872 ug/l  
 RT: 10.15 min Scan# 2605  
 Delta R.T. -0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion: 92 Resp: 424596  
 Ion Ratio Lower Upper  
 92 100  
 91 172.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 19.357 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

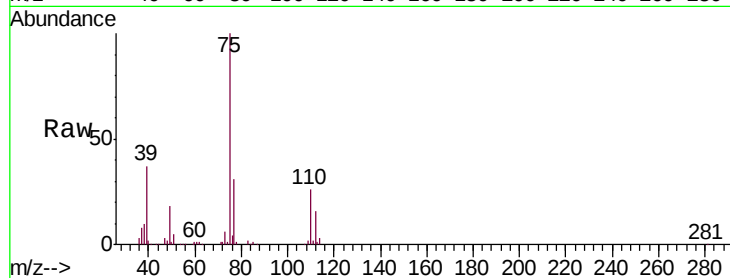
VN0819WBSD01

Tgt Ion: 75 Resp: 244883

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

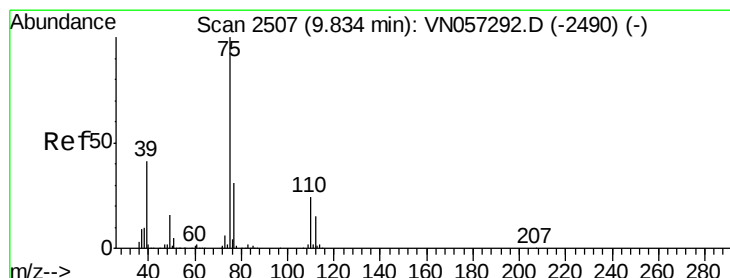
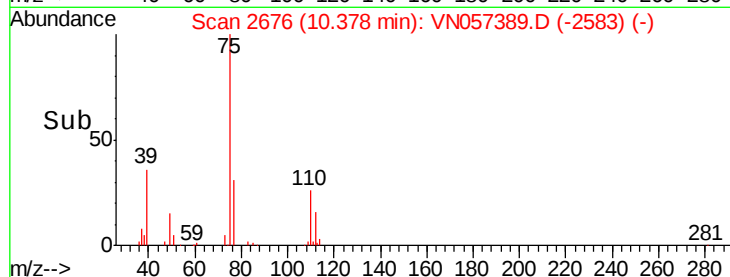
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.368 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

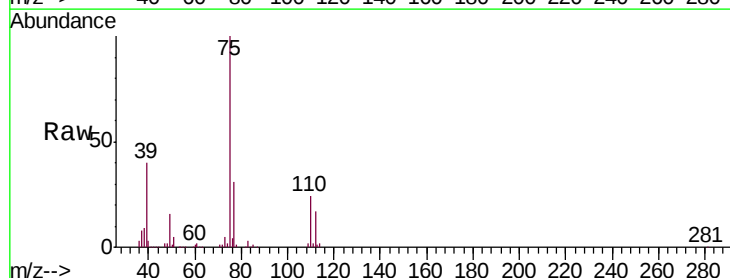
Tgt Ion: 75 Resp: 270190

Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3

39 39.8 32.7 49.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

200000

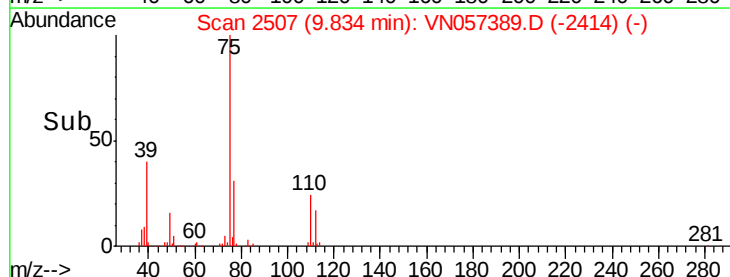
150000

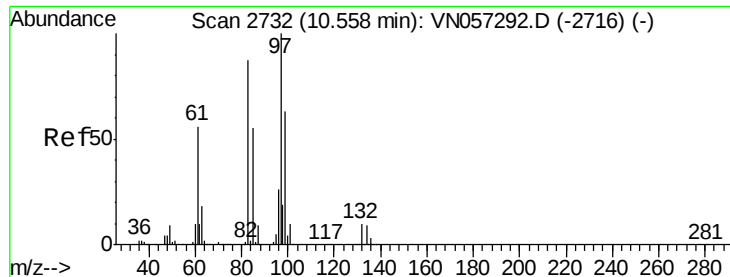
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.869 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampled :

VN0819WBSD01

Tgt Ion: 97 Resp: 166939

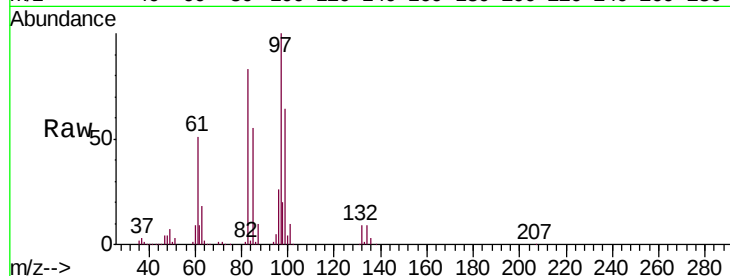
Ion Ratio Lower Upper

97 100

83 83.5 69.8 104.8

85 55.4 44.1 66.1

99 64.4 50.2 75.2

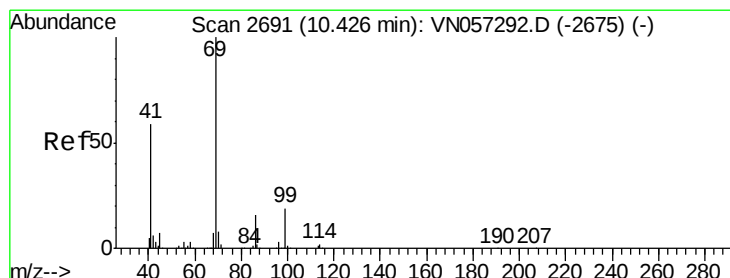
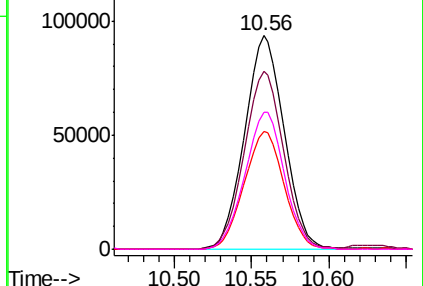
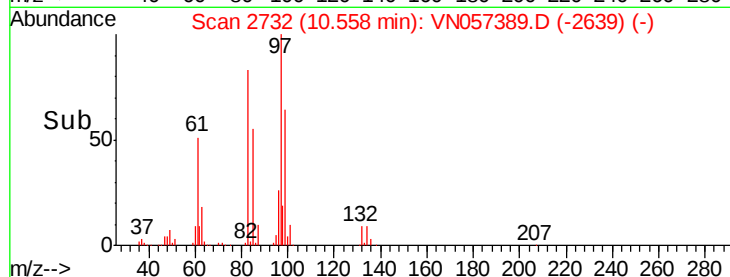


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.921 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

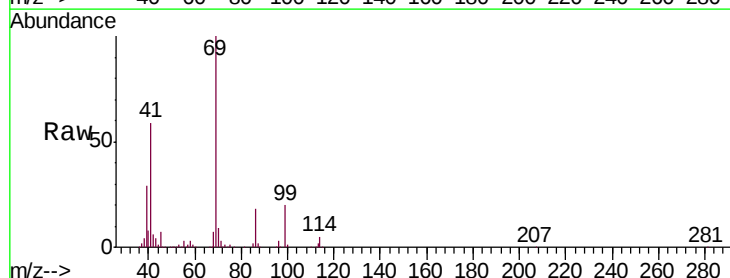
Tgt Ion: 69 Resp: 232003

Ion Ratio Lower Upper

69 100

41 58.2 48.2 72.2

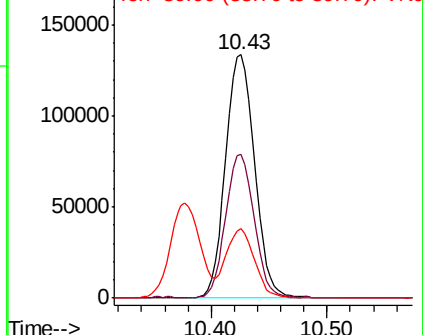
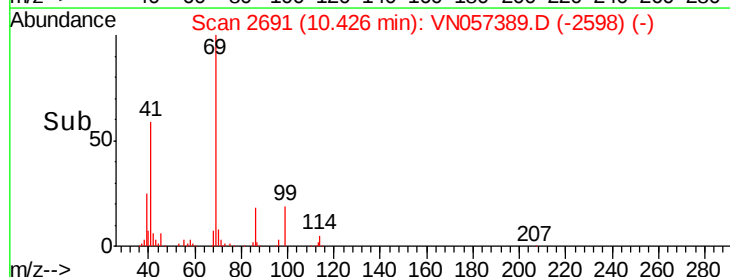
39 27.8 23.4 35.0

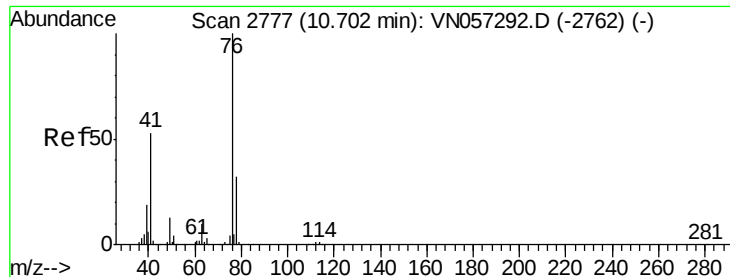


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.490 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

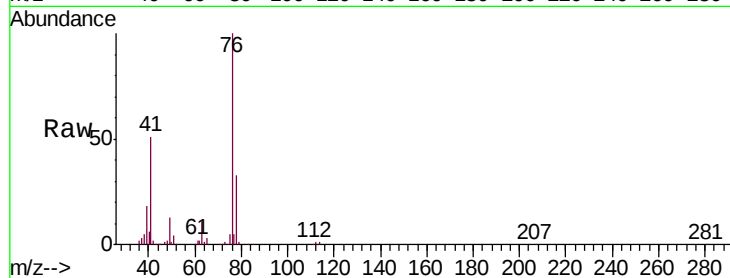
VN0819WBSD01

Tgt Ion: 76 Resp: 273554

Ion Ratio Lower Upper

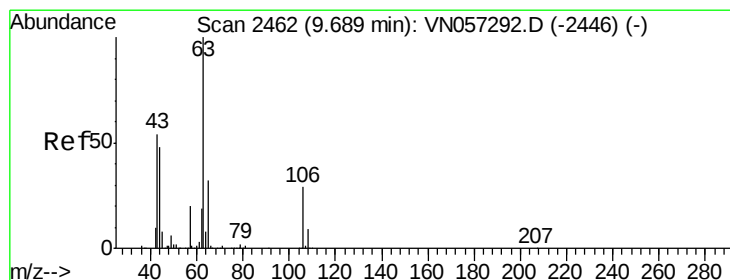
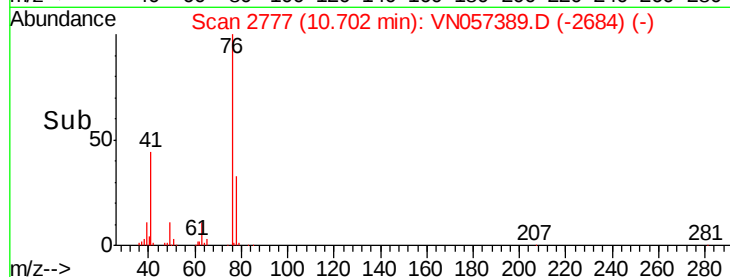
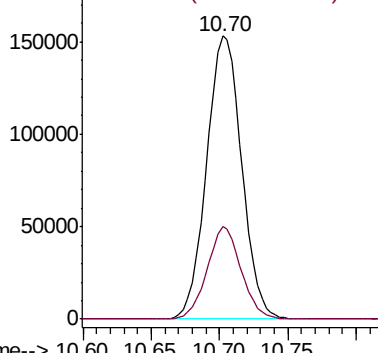
76 100

78 31.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 79.614 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057389.D

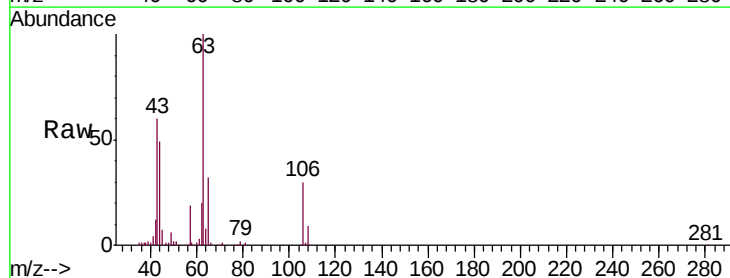
Acq: 19 Aug 2019 10:40

Tgt Ion: 63 Resp: 245375

Ion Ratio Lower Upper

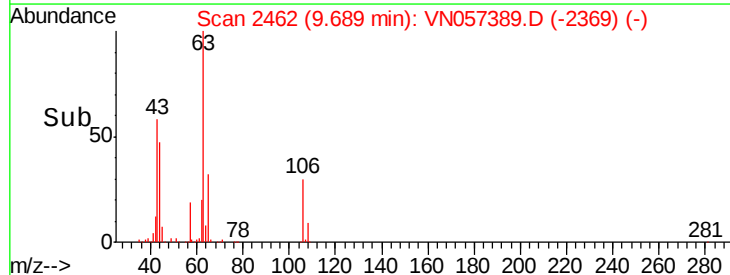
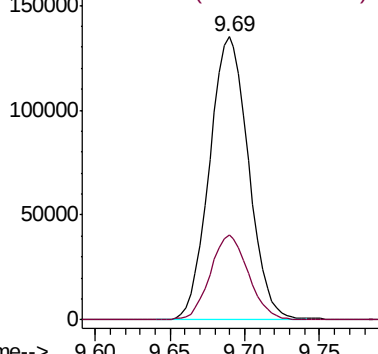
63 100

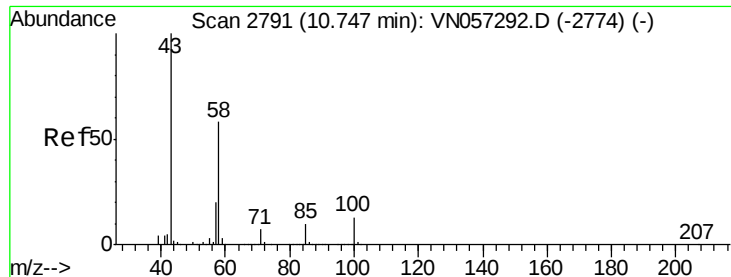
106 29.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

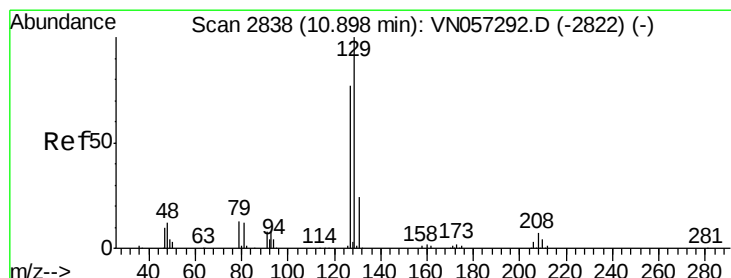
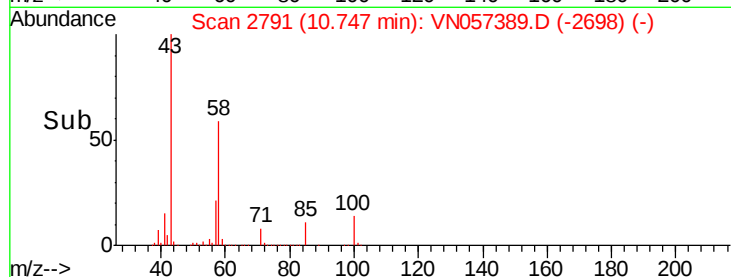
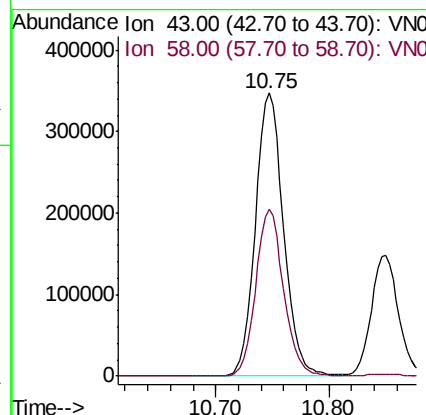
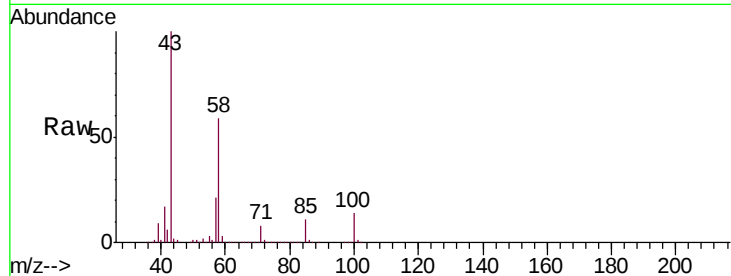




#59  
2-Hexanone  
Concen: 87.631 ug/l  
RT: 10.75 min Scan# 2791  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

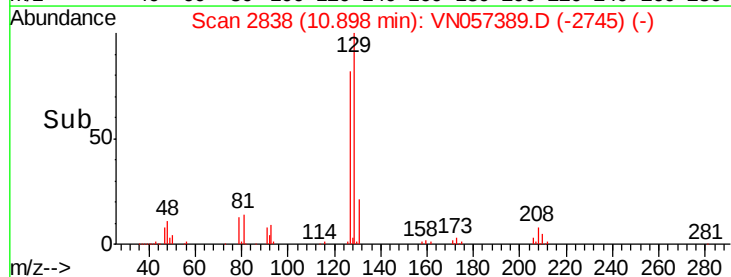
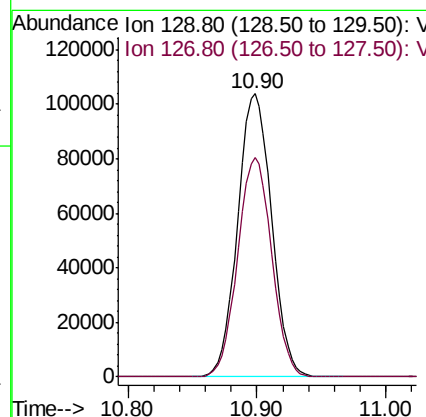
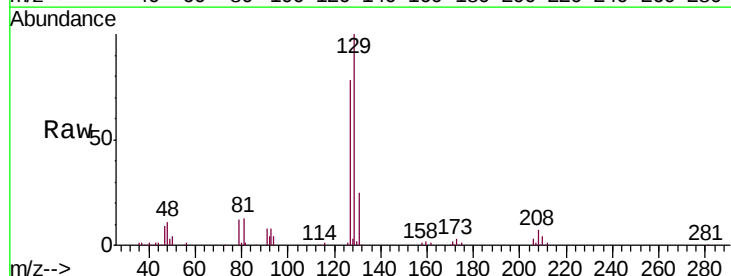
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

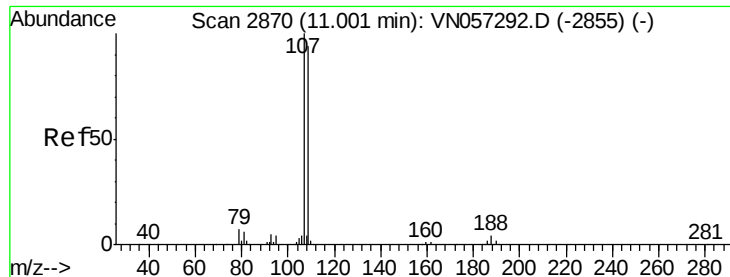
Tgt Ion: 43 Resp: 597460  
Ion Ratio Lower Upper  
43 100  
58 58.6 28.6 85.9



#60  
Dibromochloromethane  
Concen: 20.197 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 129 Resp: 190162  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.409 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampled :

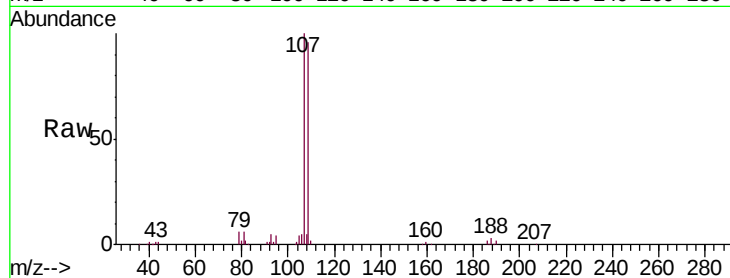
VN0819WBSD01

Tgt Ion: 107 Resp: 173712

Ion Ratio Lower Upper

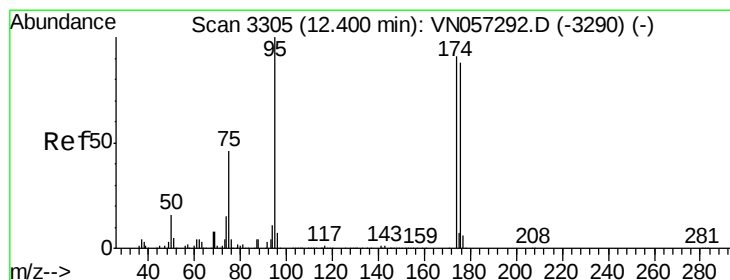
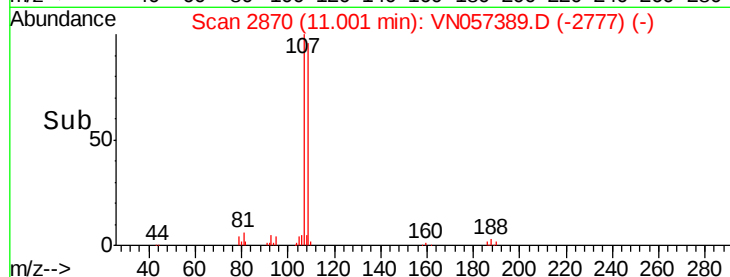
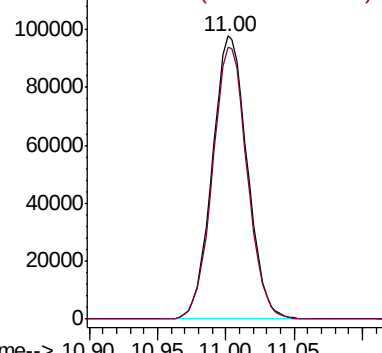
107 100

109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.254 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

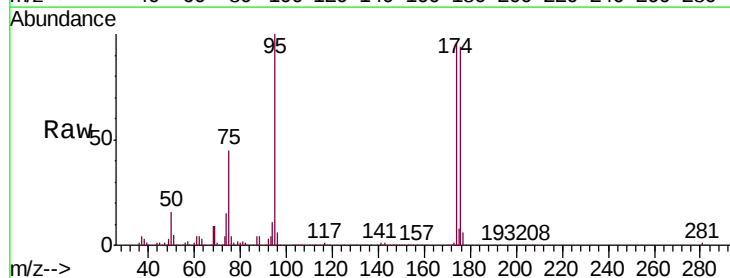
Tgt Ion: 95 Resp: 465864

Ion Ratio Lower Upper

95 100

174 97.3 0.0 185.0

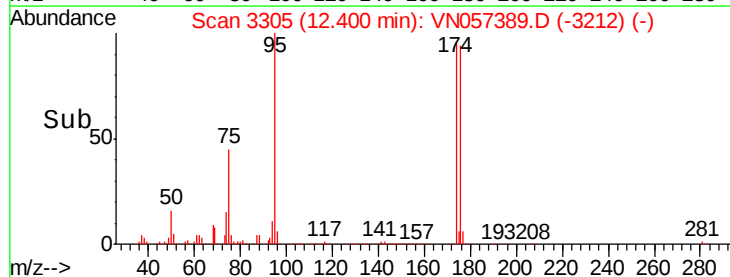
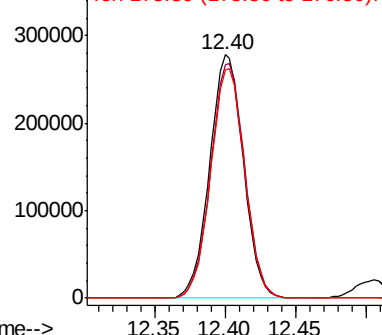
176 94.8 0.0 181.0

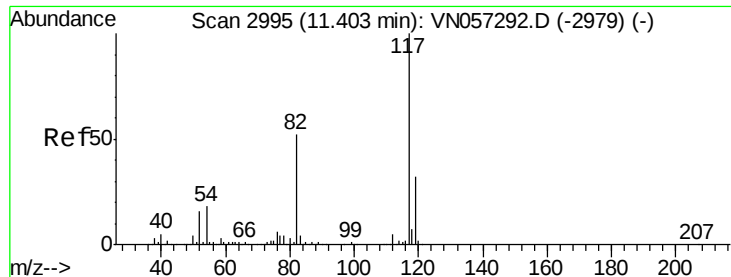


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

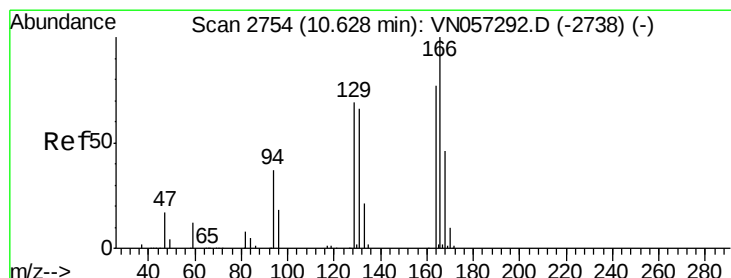
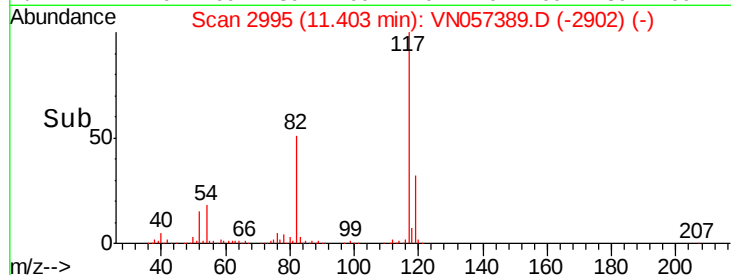
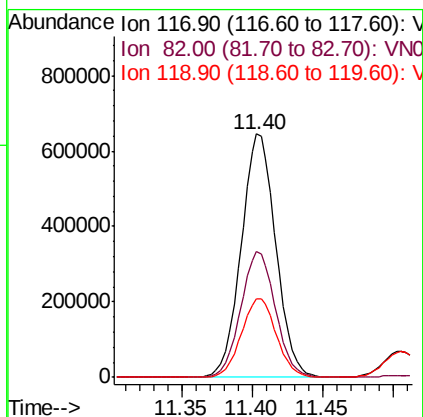
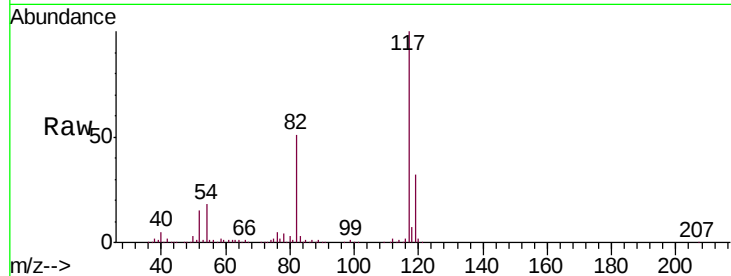




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

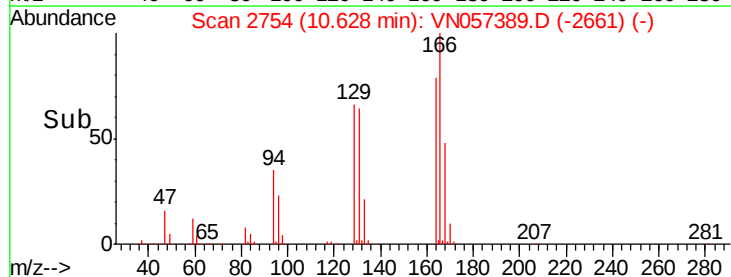
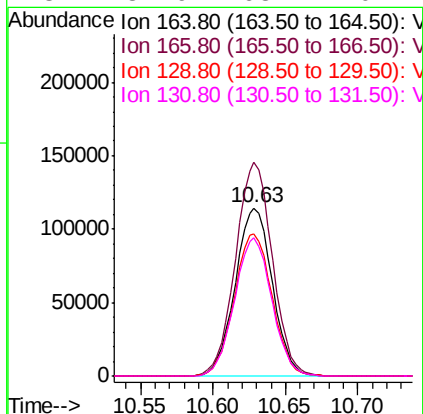
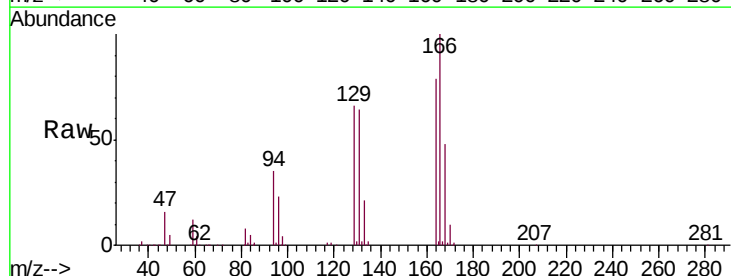
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

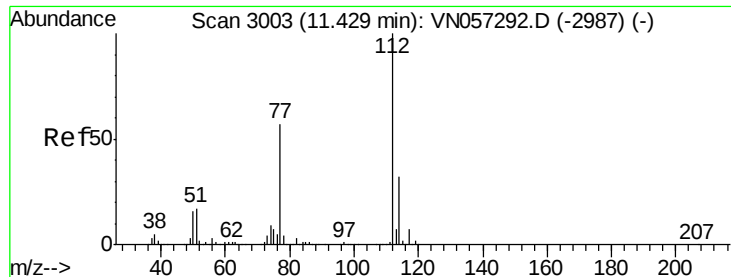
Tgt Ion:117 Resp: 1108328  
Ion Ratio Lower Upper  
117 100  
82 51.5 41.2 61.8  
119 32.3 25.8 38.8



#64  
Tetrachloroethene  
Concen: 21.220 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion:164 Resp: 203315  
Ion Ratio Lower Upper  
164 100  
166 127.1 103.5 155.3  
129 84.4 71.2 106.8  
131 81.9 68.2 102.4

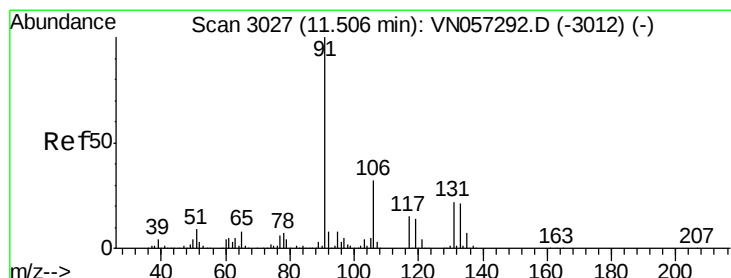
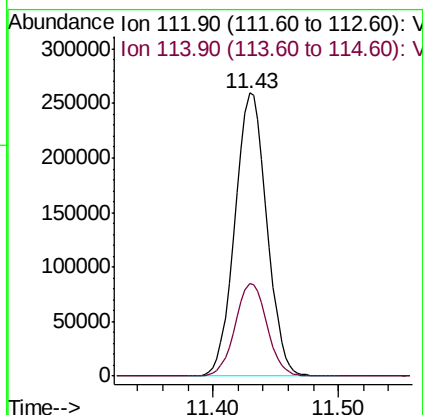
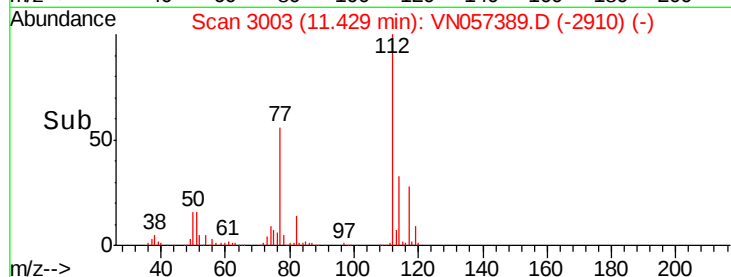
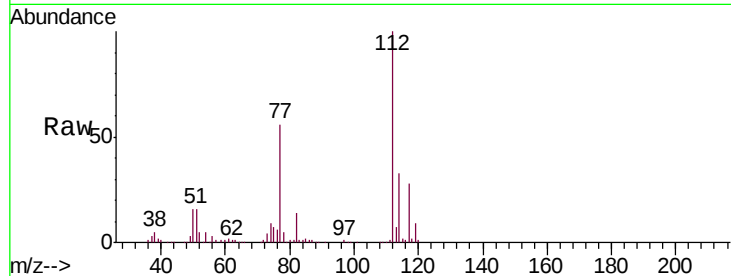




#65  
Chlorobenzene  
Concen: 20.280 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

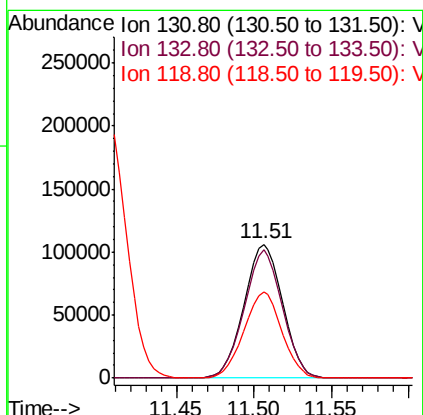
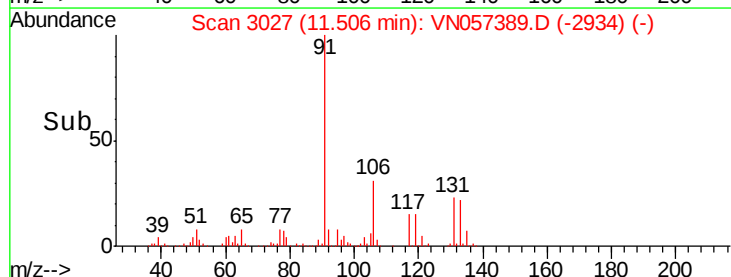
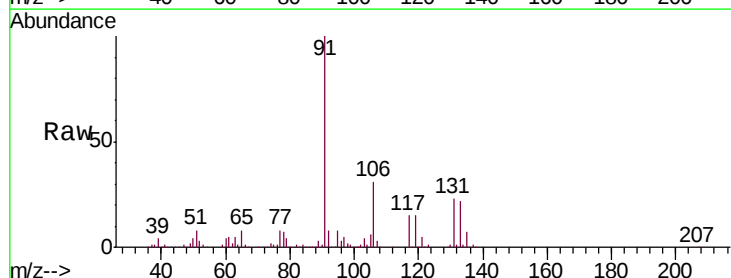
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

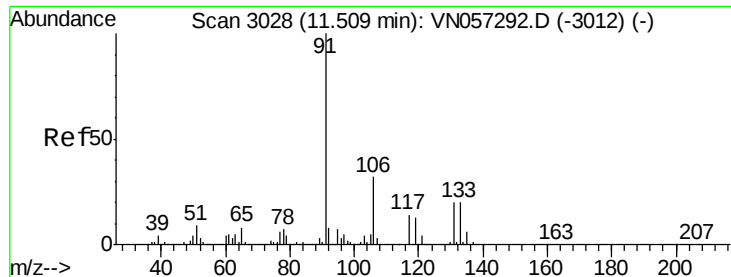
Tgt Ion:112 Resp: 458434  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.399 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion:131 Resp: 185250  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.6 142.8  
119 63.3 32.0 96.2

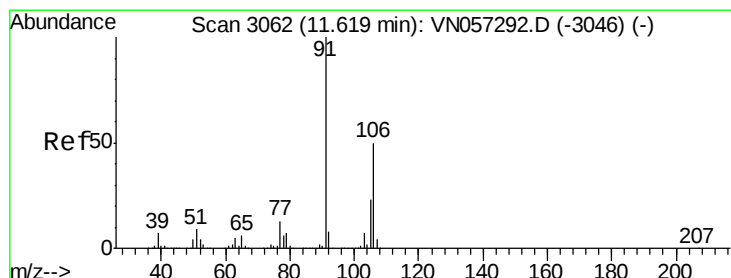
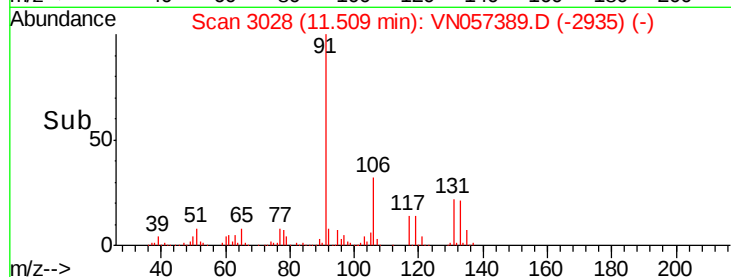
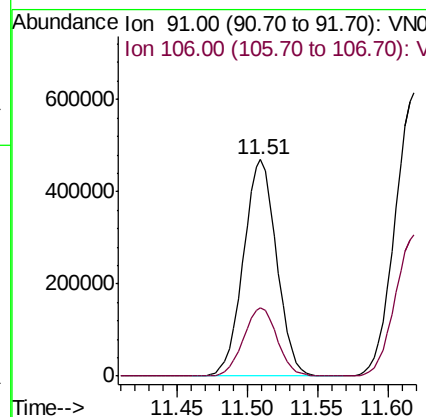
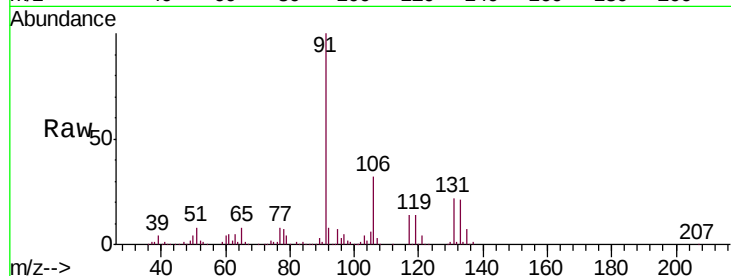




#67  
Ethyl Benzene  
Concen: 19.586 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

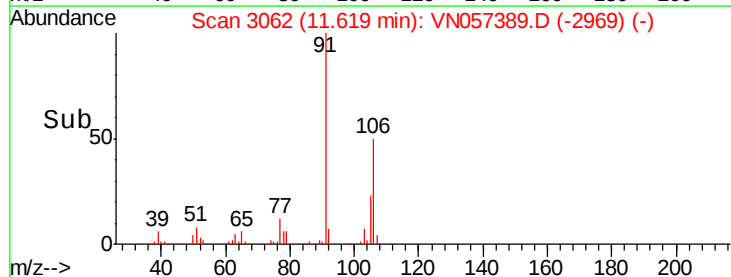
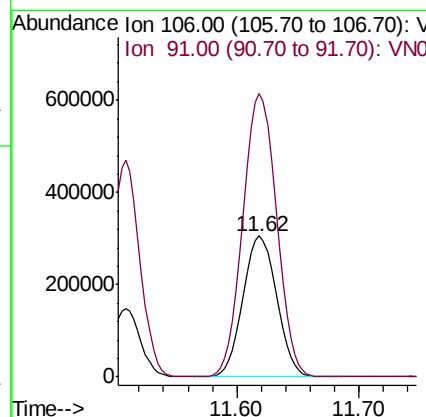
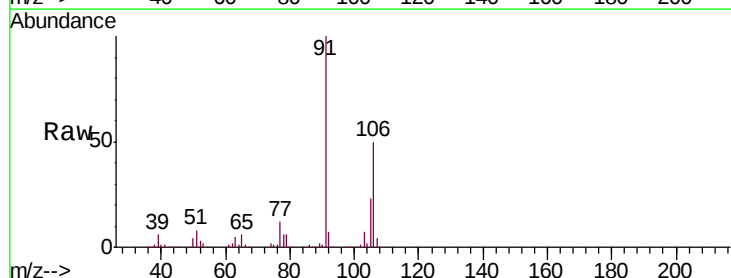
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

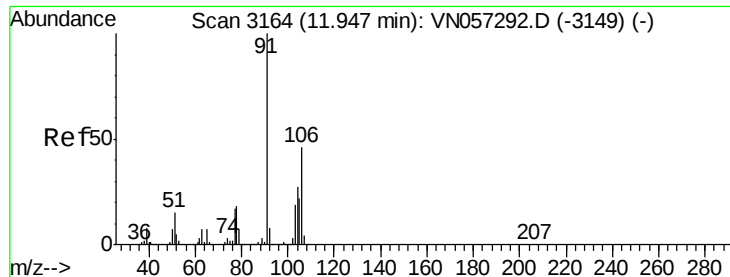
Tgt Ion: 91 Resp: 774607  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.5 38.3



#68  
m/p-Xylenes  
Concen: 40.025 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 106 Resp: 583202  
Ion Ratio Lower Upper  
106 100  
91 201.2 161.5 242.3

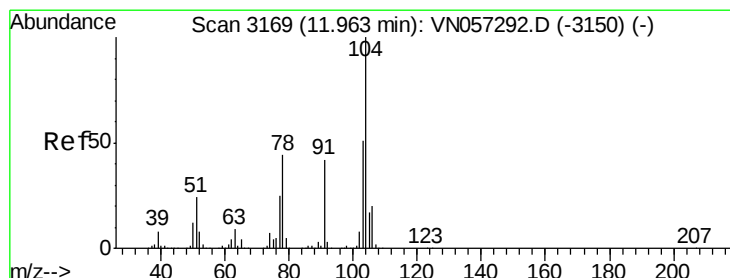
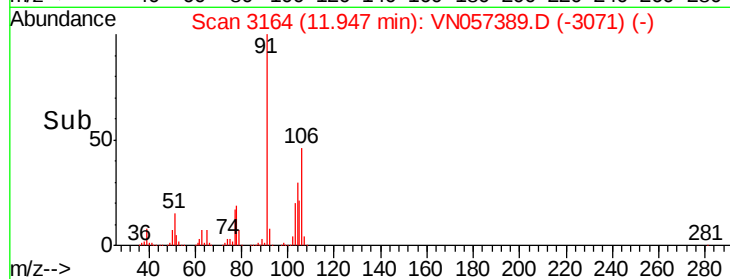
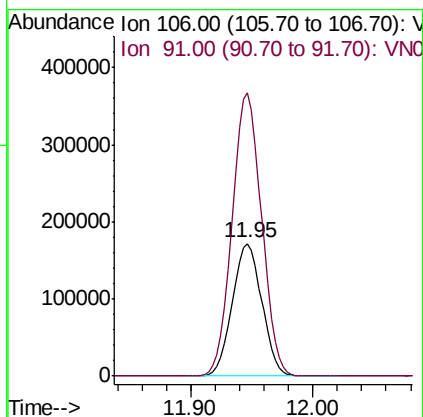
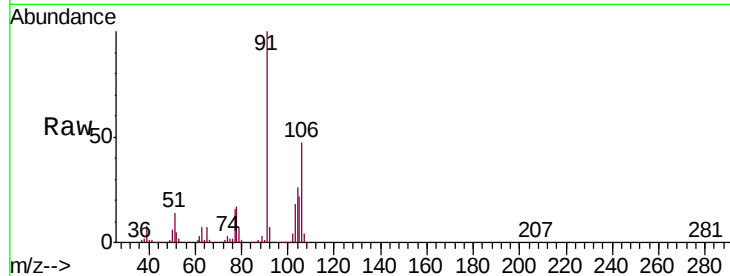




#69  
o-Xylene  
Concen: 20.241 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

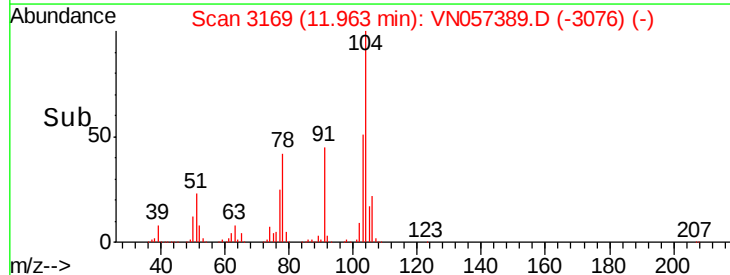
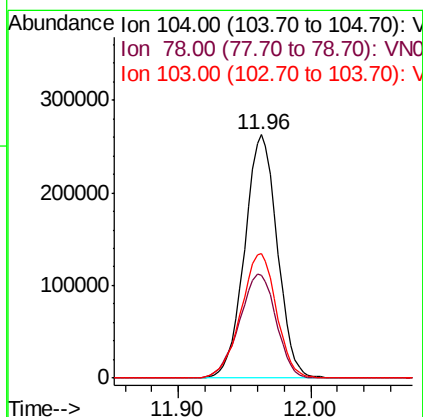
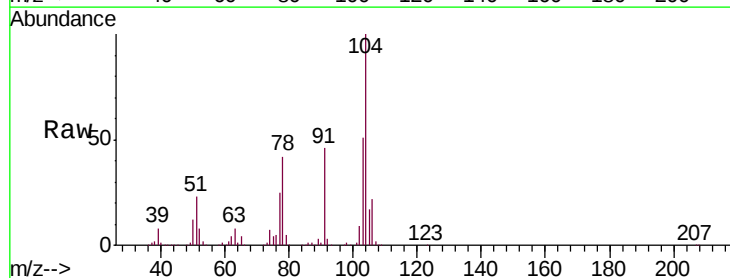
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

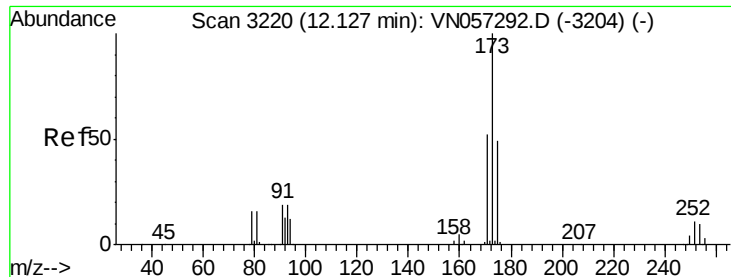
Tgt Ion:106 Resp: 289585  
Ion Ratio Lower Upper  
106 100  
91 212.8 106.3 319.0



#70  
Styrene  
Concen: 19.715 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion:104 Resp: 449620  
Ion Ratio Lower Upper  
104 100  
78 48.0 39.2 58.8  
103 55.8 44.6 66.8

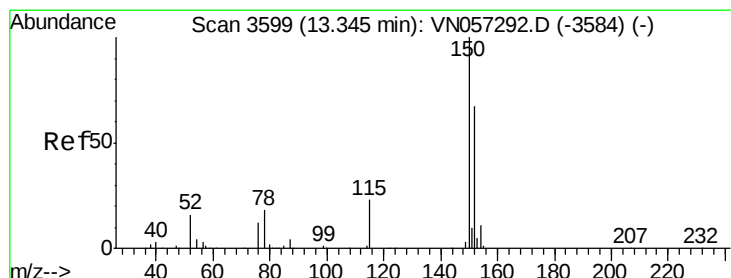
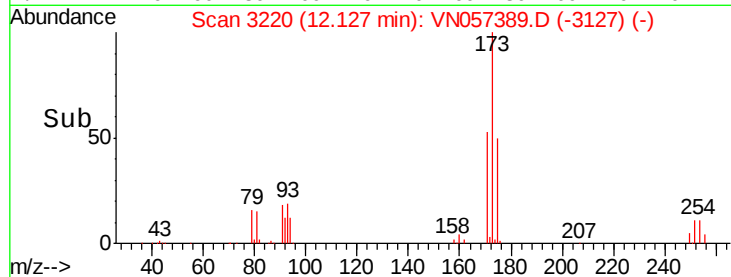
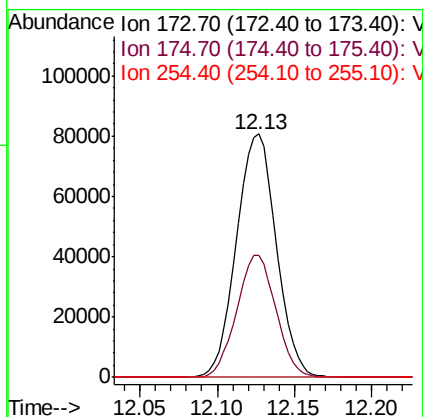
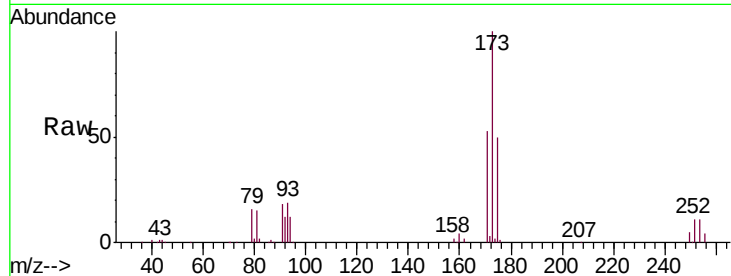




#71  
Bromoform  
Concen: 21.183 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

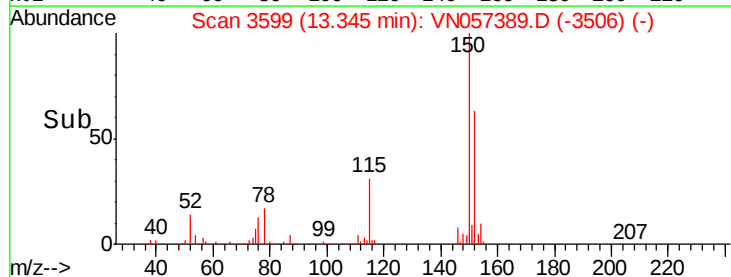
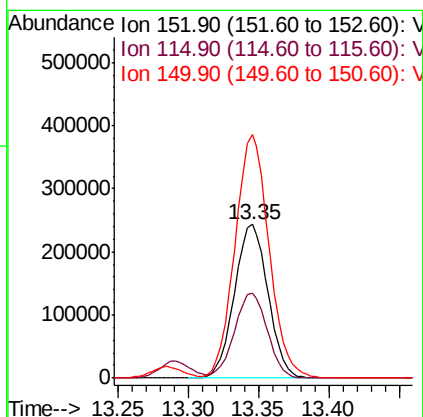
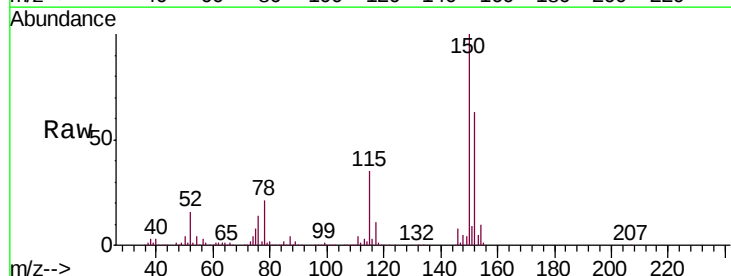
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

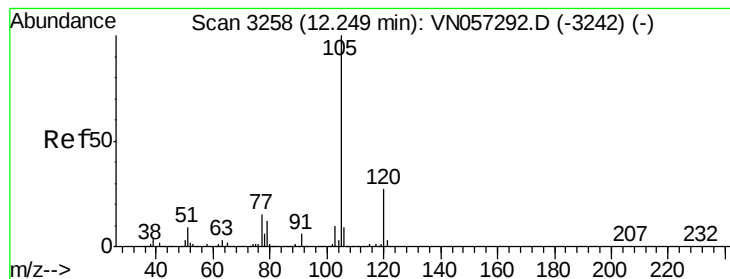
Tgt Ion:173 Resp: 144676  
Ion Ratio Lower Upper  
173 100  
175 49.0 24.2 72.6  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion:152 Resp: 406304  
Ion Ratio Lower Upper  
152 100  
115 54.3 27.3 81.9  
150 161.0 0.0 344.4





#73

Isopropylbenzene

Concen: 21.995 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampled :

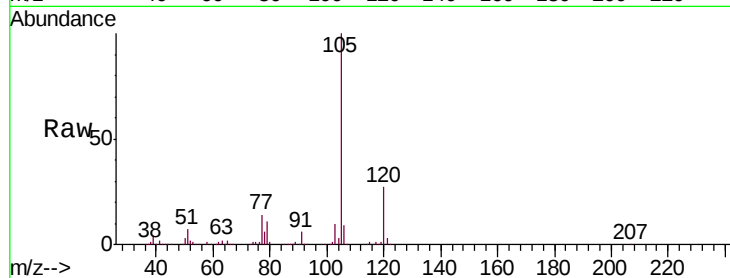
VN0819WBSD01

Tgt Ion: 105 Resp: 771979

Ion Ratio Lower Upper

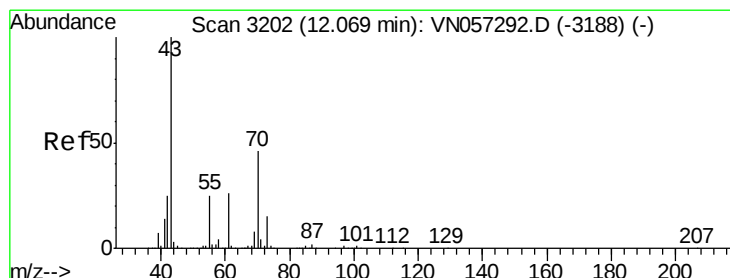
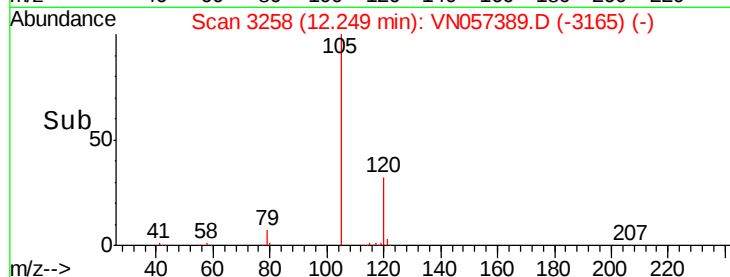
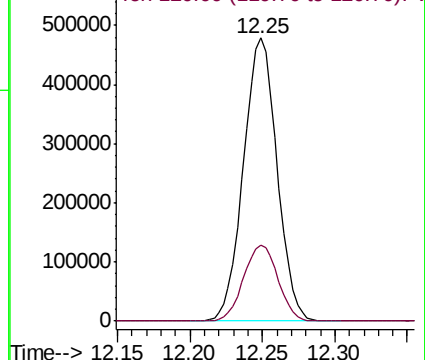
105 100

120 27.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.979 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Tgt Ion: 43 Resp: 211975

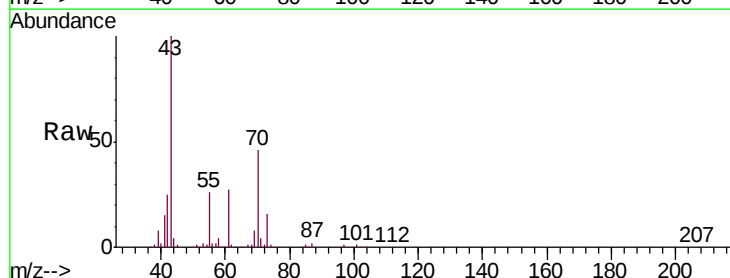
Ion Ratio Lower Upper

43 100

70 46.7 36.2 54.2

55 26.7 20.1 30.1

61 26.2 20.9 31.3

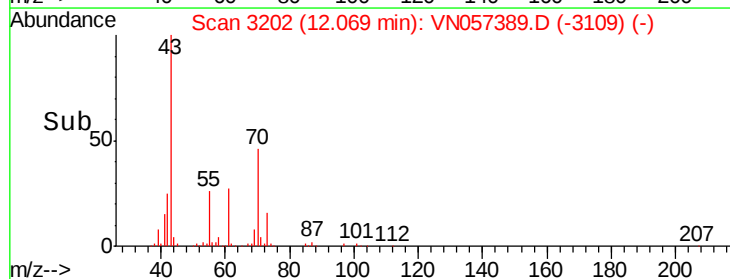
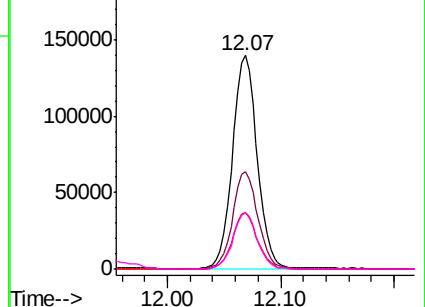


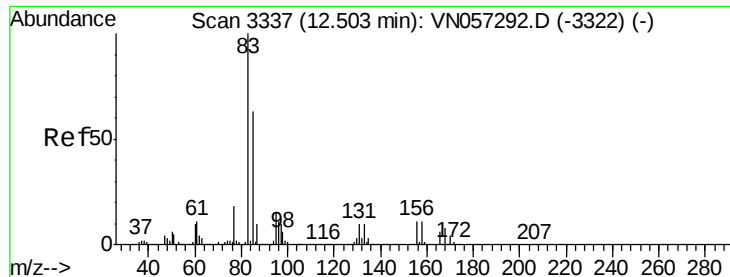
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.503 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampled :

VN0819WBSD01

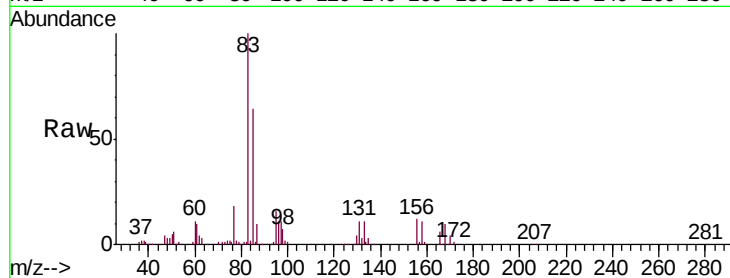
Tgt Ion: 83 Resp: 217233

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

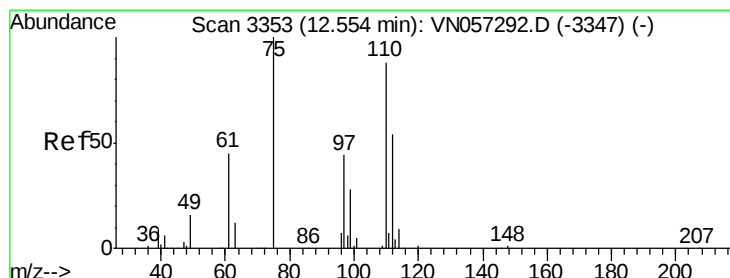
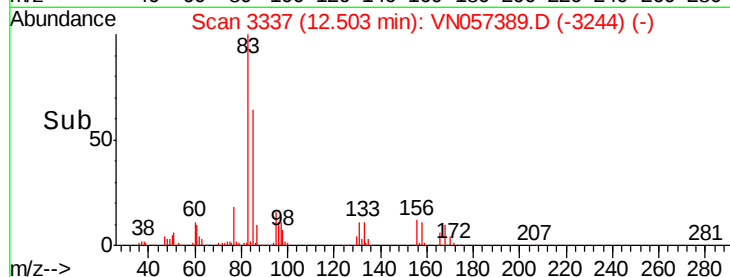
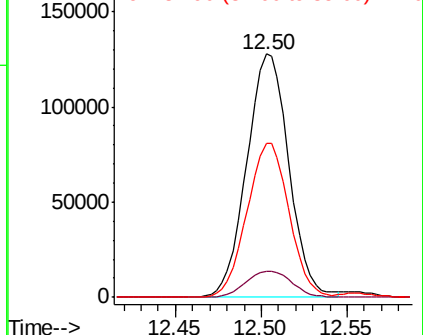
85 63.3 32.3 96.9



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: 31.925 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057389.D

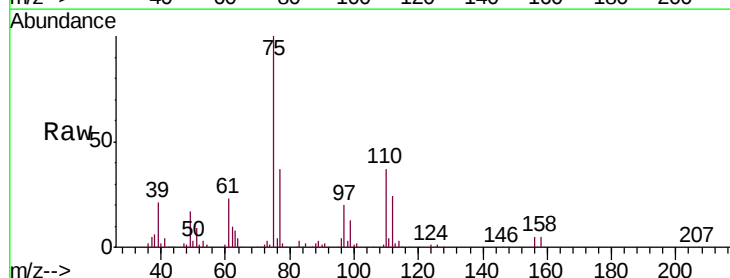
Acq: 19 Aug 2019 10:40

Tgt Ion: 75 Resp: 260797

Ion Ratio Lower Upper

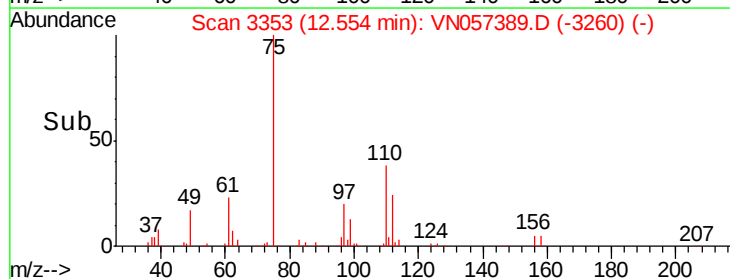
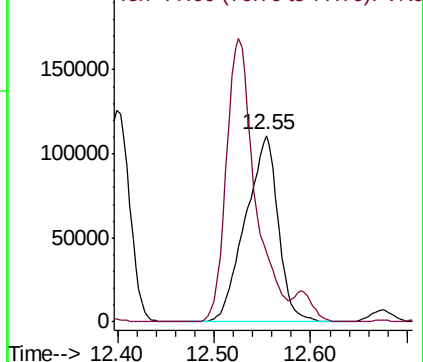
75 100

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: 22.668 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

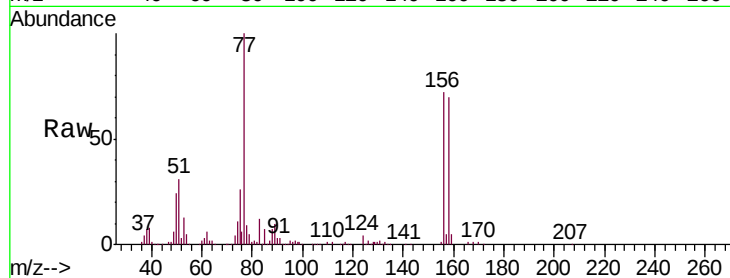
Tgt Ion:156 Resp: 207690

Ion Ratio Lower Upper

156 100

77 168.3 89.8 269.6

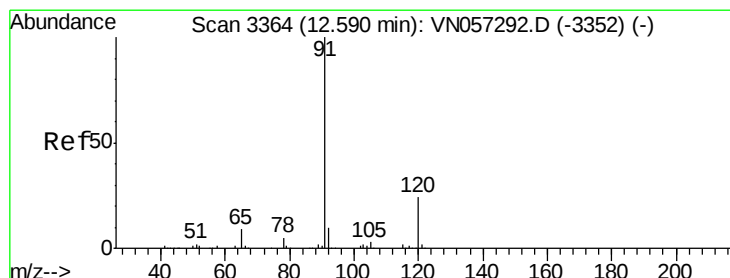
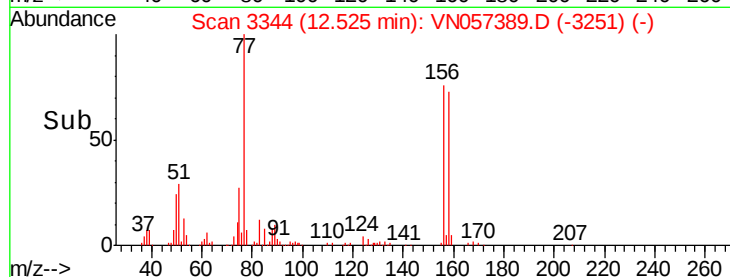
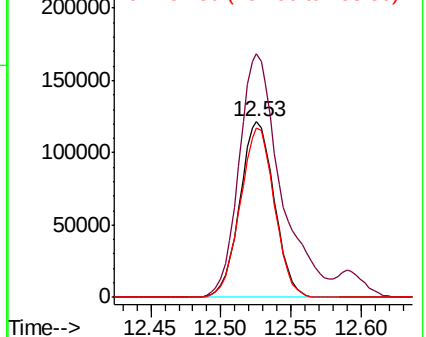
158 96.0 49.3 147.8



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: 19.373 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057389.D

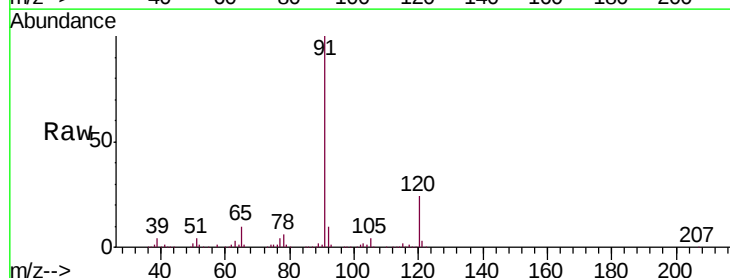
Acq: 19 Aug 2019 10:40

Tgt Ion: 91 Resp: 757976

Ion Ratio Lower Upper

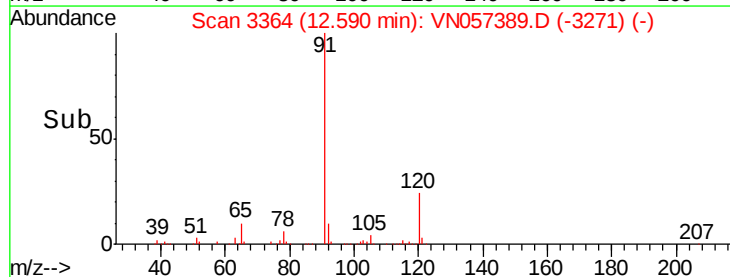
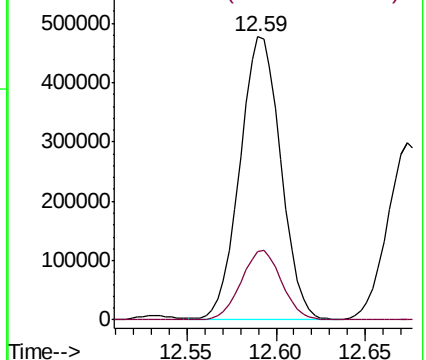
91 100

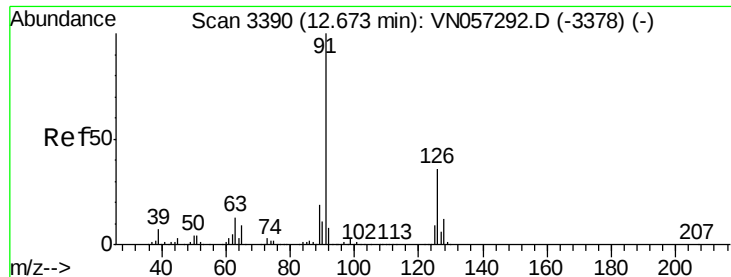
120 24.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.389 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

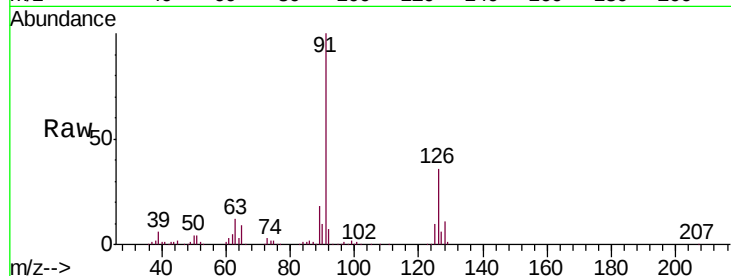
VN0819WBSD01

Tgt Ion: 91 Resp: 486423

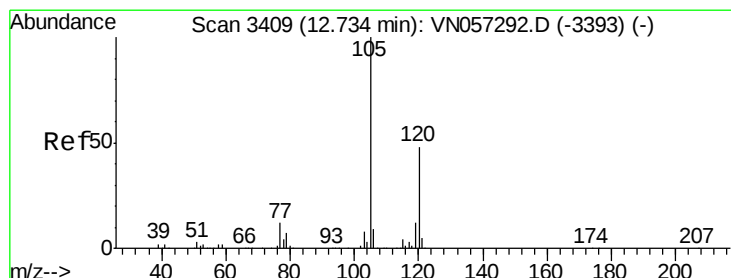
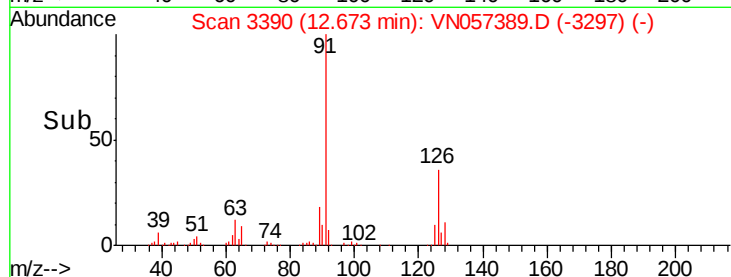
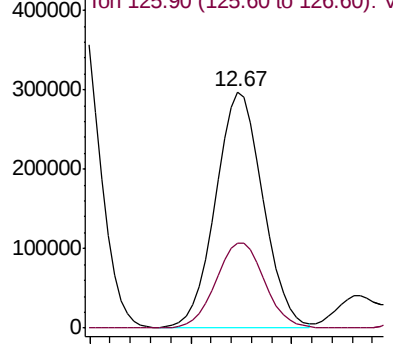
Ion Ratio Lower Upper

91 100

126 37.5 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.628 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057389.D

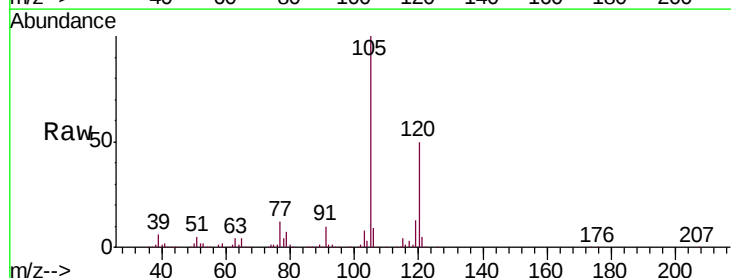
Acq: 19 Aug 2019 10:40

Tgt Ion: 105 Resp: 627133

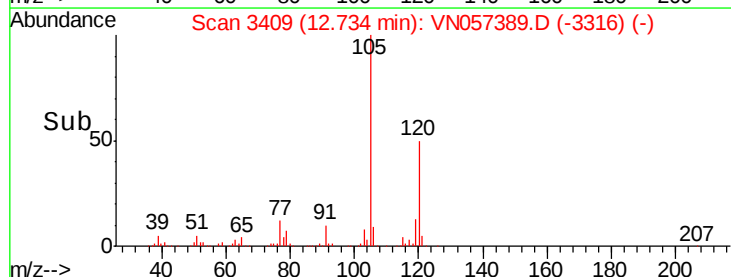
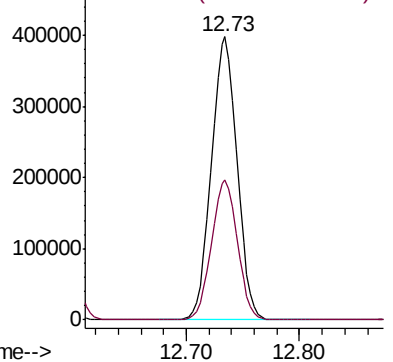
Ion Ratio Lower Upper

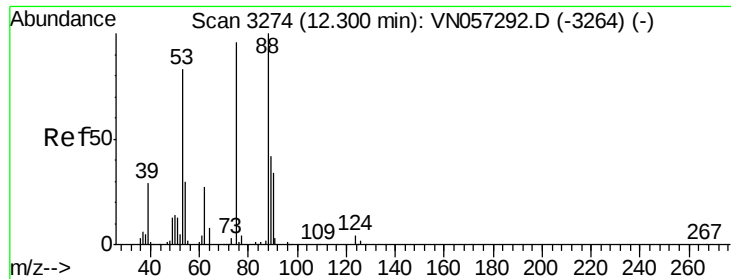
105 100

120 50.0 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.562 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

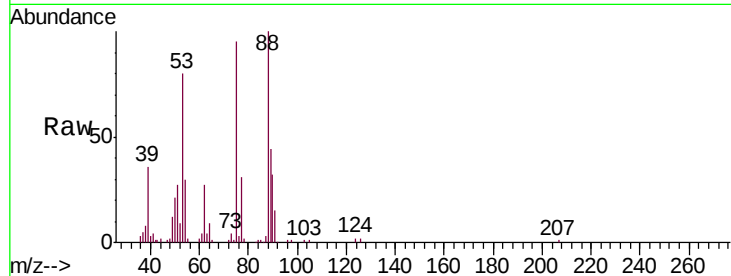
Tgt Ion: 75 Resp: 65180

Ion Ratio Lower Upper

75 100

53 83.4 67.9 101.9

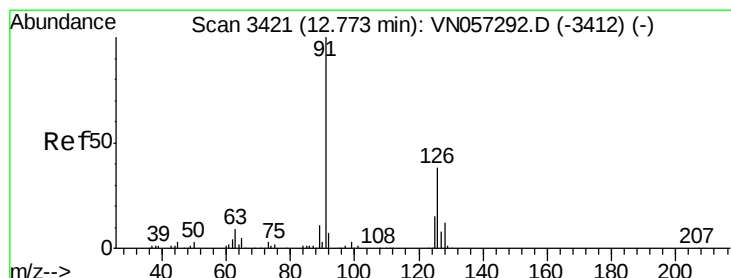
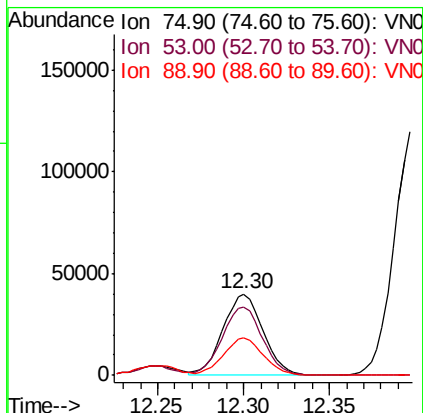
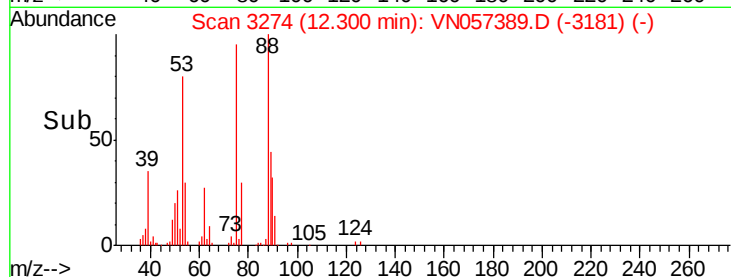
89 45.3 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.965 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057389.D

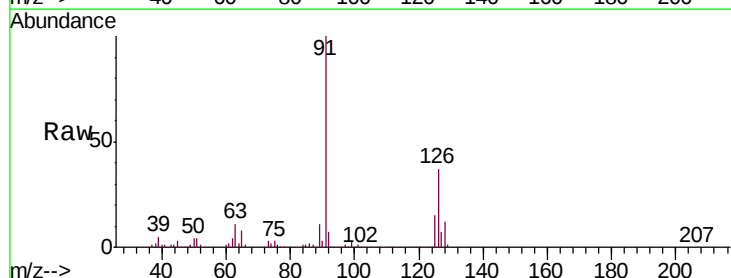
Acq: 19 Aug 2019 10:40

Tgt Ion: 91 Resp: 439697

Ion Ratio Lower Upper

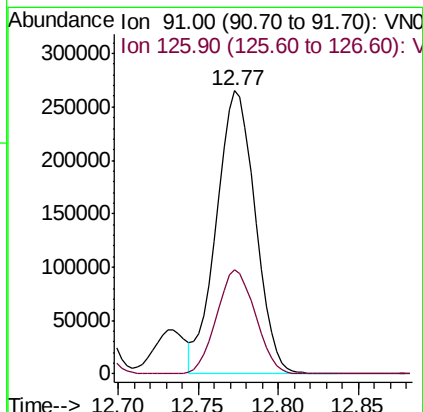
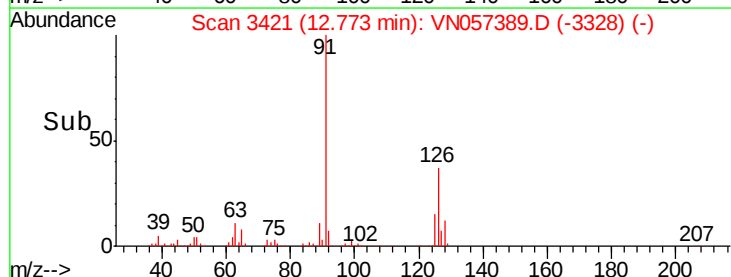
91 100

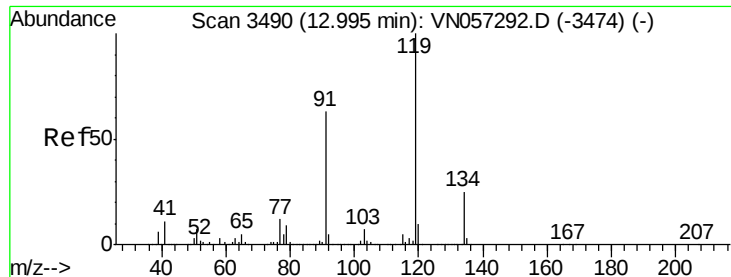
126 36.6 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

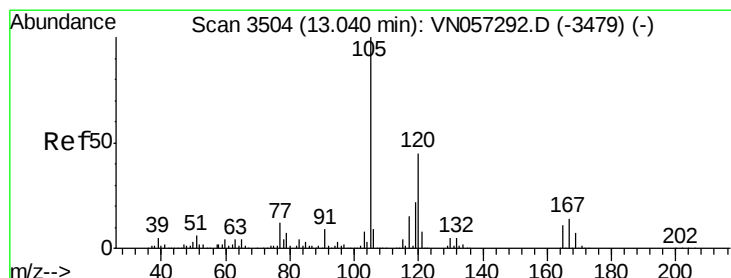
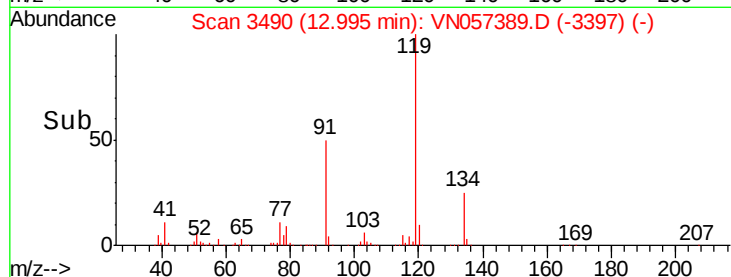
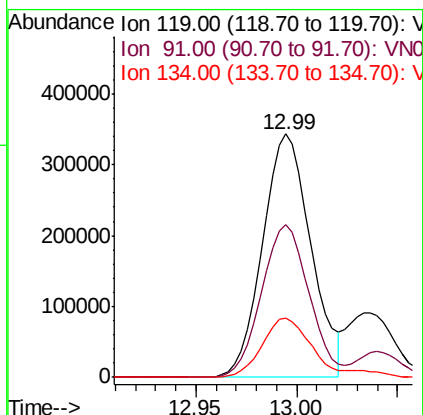
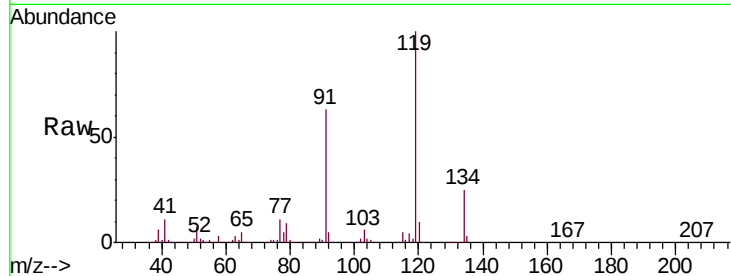




#83  
 tert-Butylbenzene  
 Concen: 22.212 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

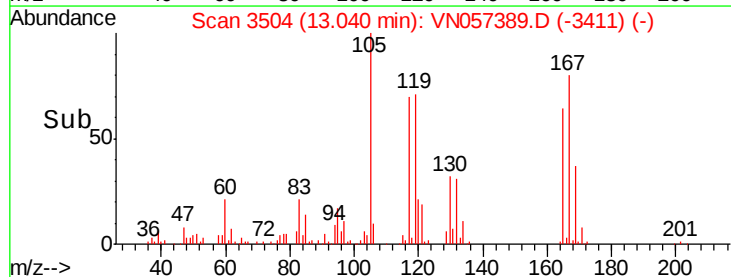
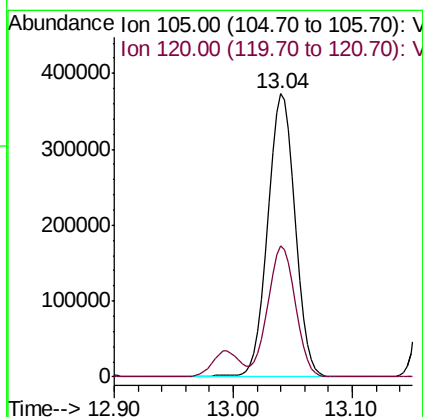
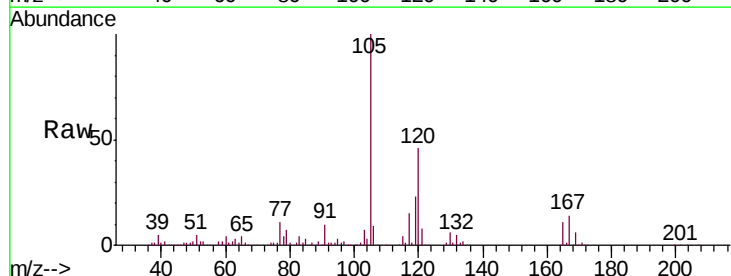
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0819WBSD01

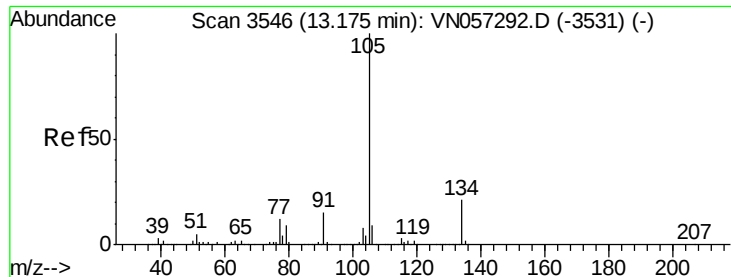
Tgt Ion:119 Resp: 574008  
 Ion Ratio Lower Upper  
 119 100  
 91 61.7 31.3 93.8  
 134 26.2 13.1 39.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.366 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion:105 Resp: 596019  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.042 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

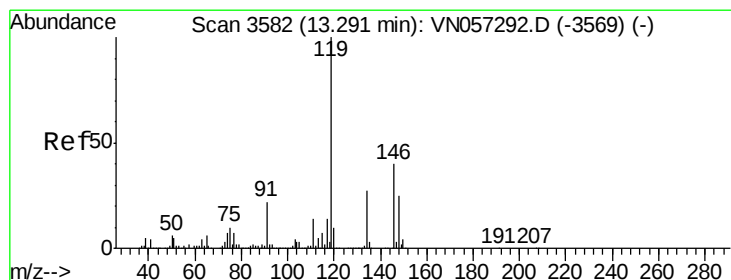
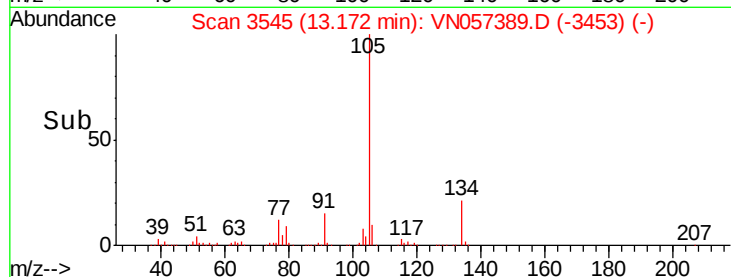
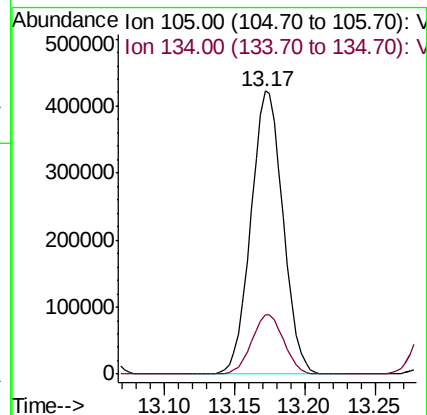
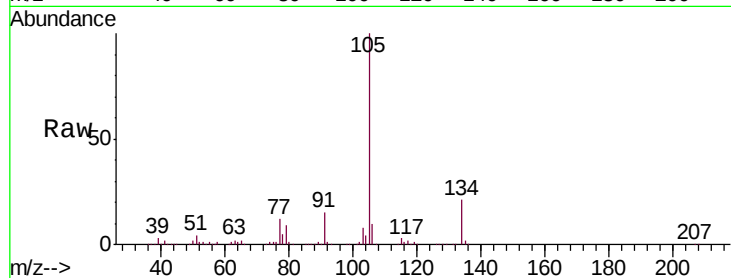
VN0819WBSD01

Tgt Ion:105 Resp: 673692

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.794 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

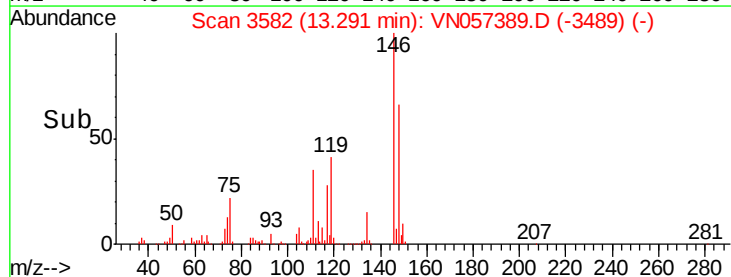
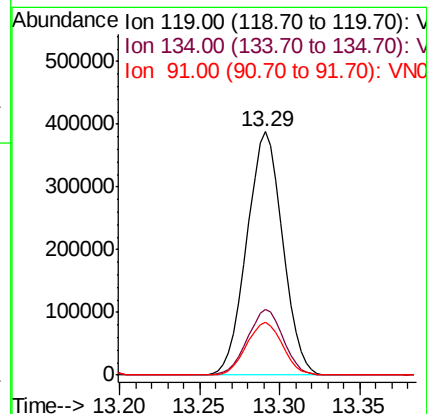
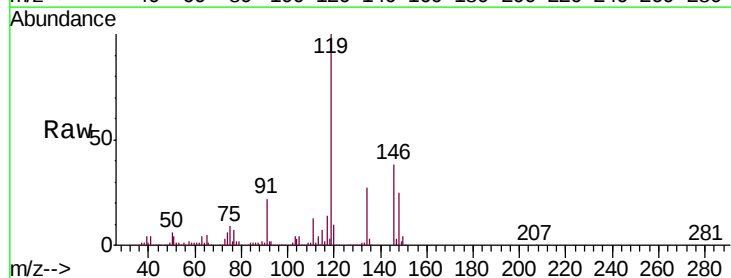
Tgt Ion:119 Resp: 593051

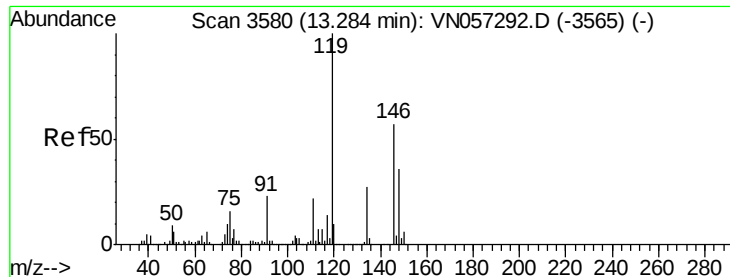
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 22.0 11.2 33.5

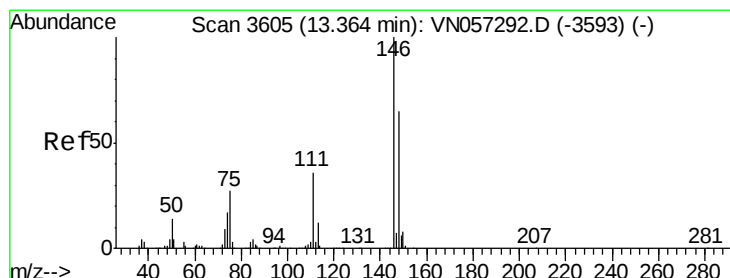
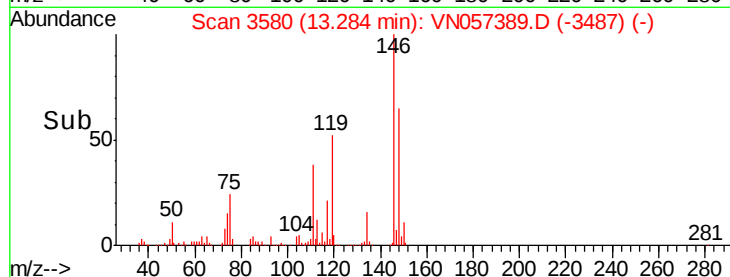
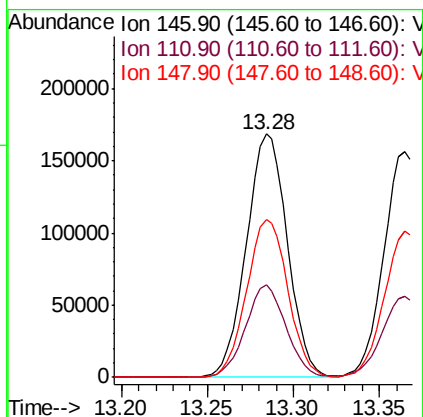
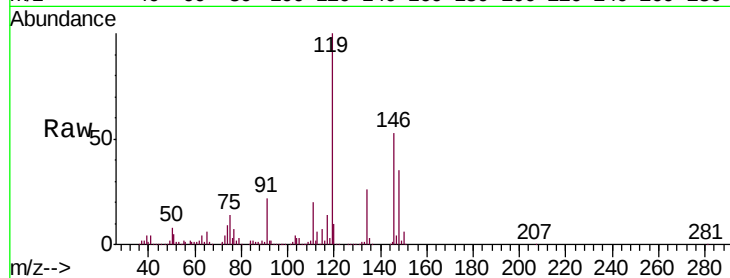




#87  
 1,3-Dichlorobenzene  
 Concen: 19.549 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

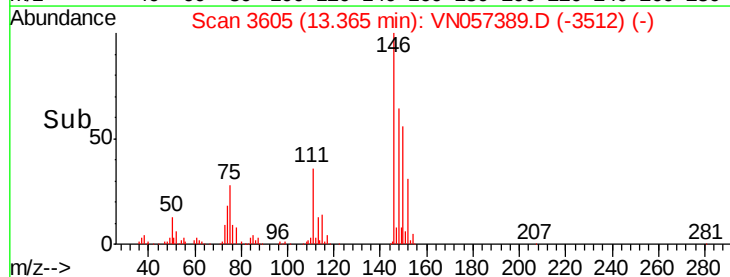
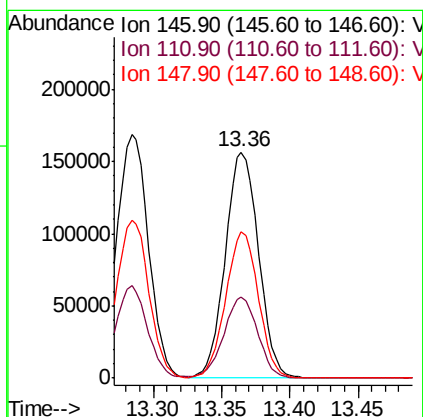
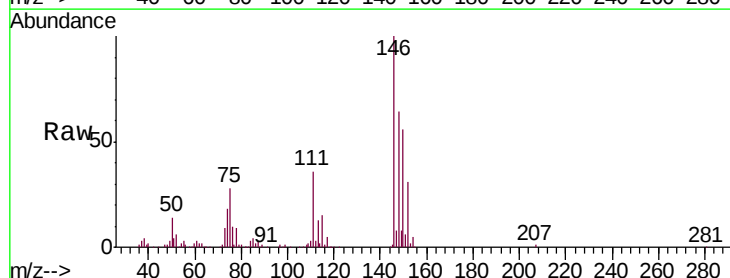
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0819WBSD01

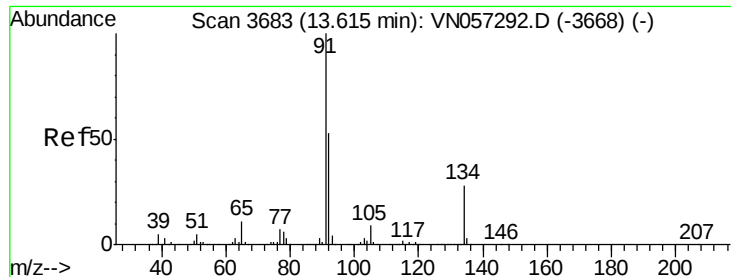
Tgt Ion:146 Resp: 278288  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.7 56.1  
 148 65.3 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 19.632 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion:146 Resp: 265297  
 Ion Ratio Lower Upper  
 146 100  
 111 36.8 18.4 55.4  
 148 63.7 32.5 97.4

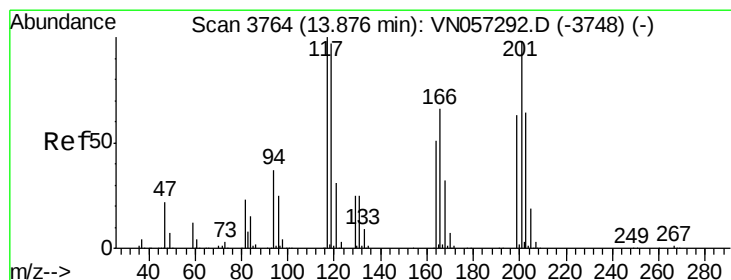
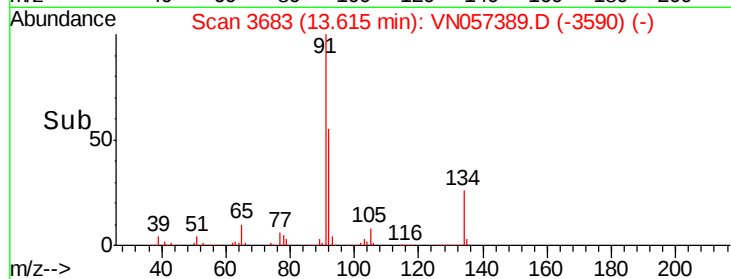
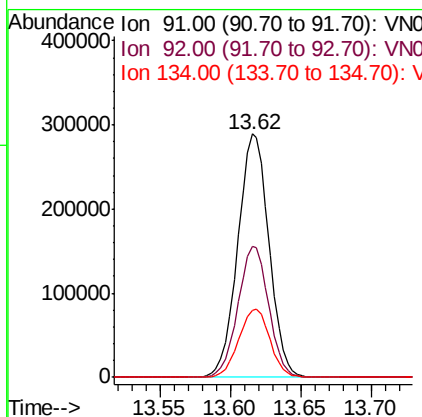
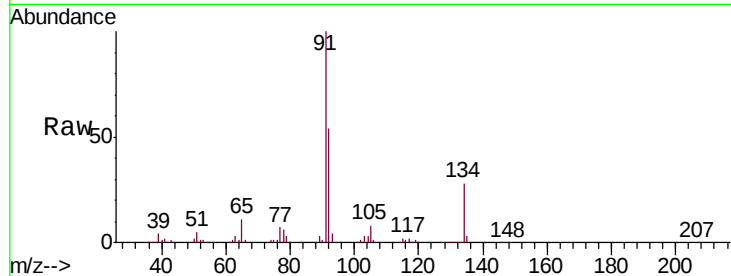




#89  
n-Butylbenzene  
Concen: 20.993 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

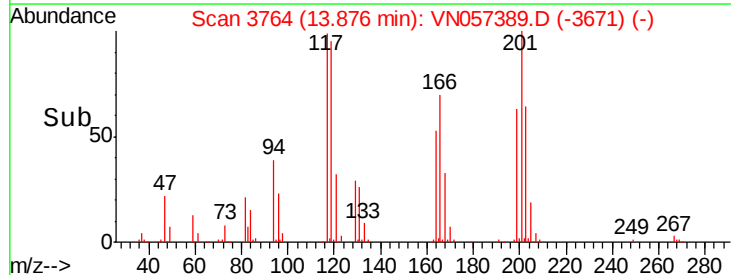
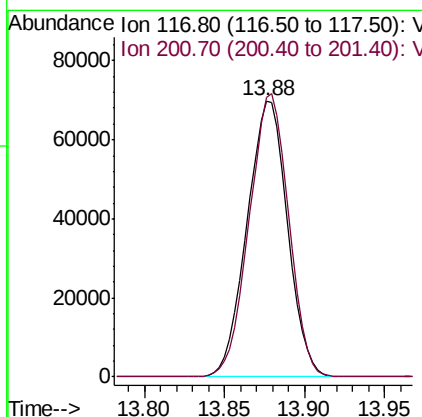
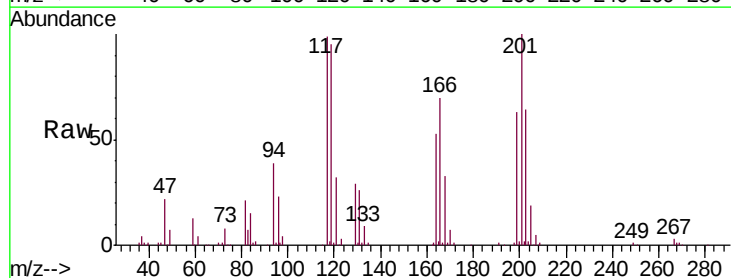
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0819WBSD01

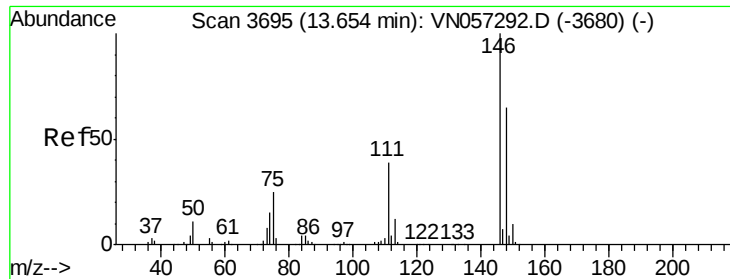
Tgt Ion: 91 Resp: 448409  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.2 78.6  
134 28.0 13.9 41.7



#90  
Hexachloroethane  
Concen: 22.458 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN057389.D  
Acq: 19 Aug 2019 10:40

Tgt Ion: 117 Resp: 120981  
Ion Ratio Lower Upper  
117 100  
201 100.1 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 20.625 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

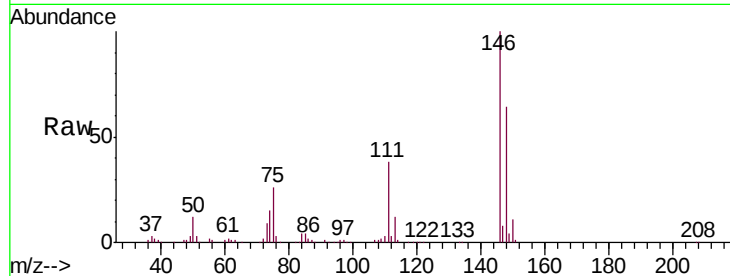
Tgt Ion:146 Resp: 273707

Ion Ratio Lower Upper

146 100

111 37.8 19.7 59.1

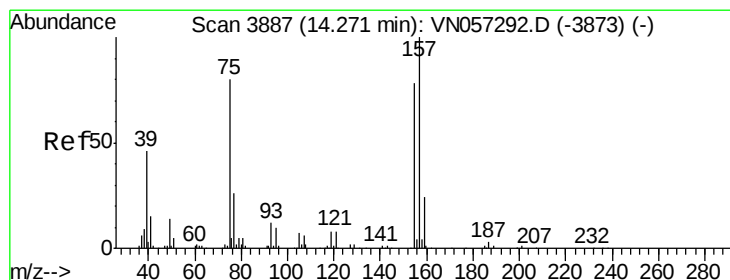
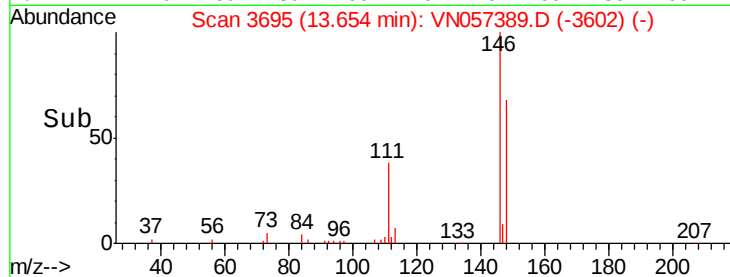
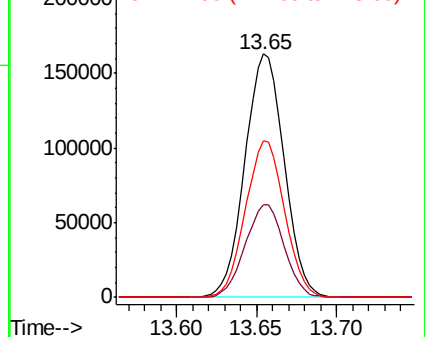
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.810 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

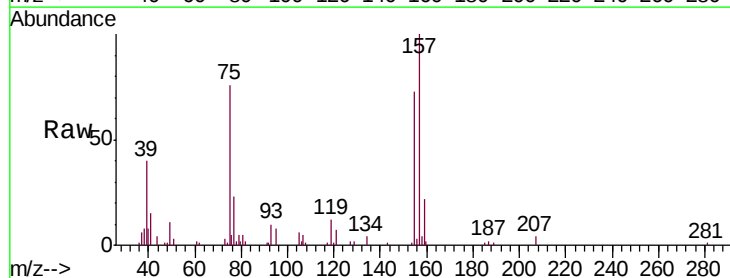
Tgt Ion: 75 Resp: 25805

Ion Ratio Lower Upper

75 100

155 100.0 49.6 148.8

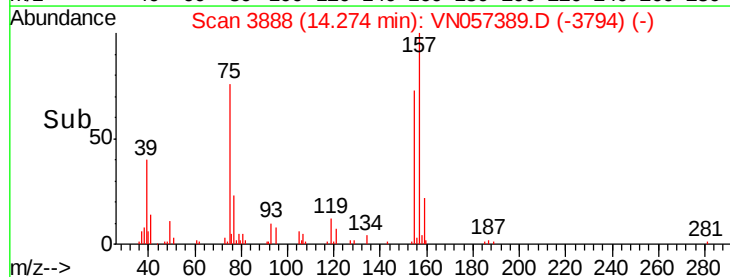
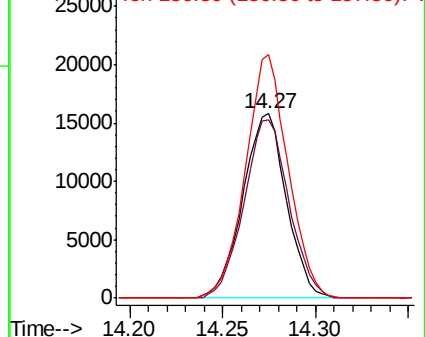
157 129.5 63.7 191.1

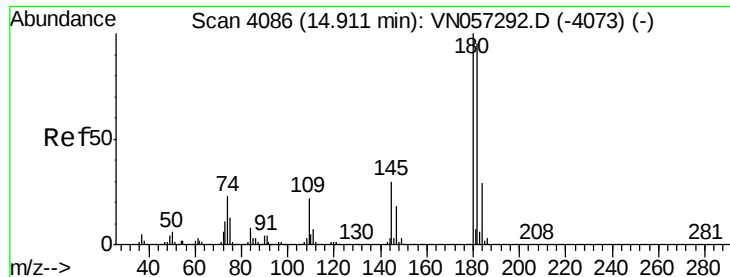


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

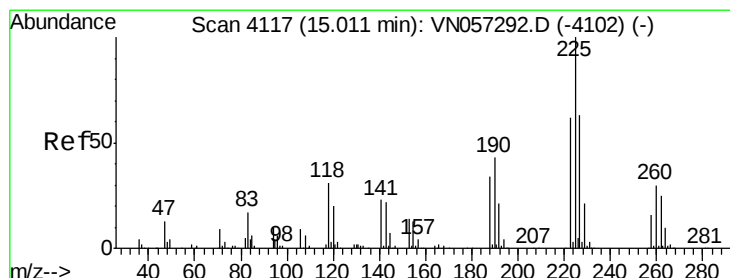
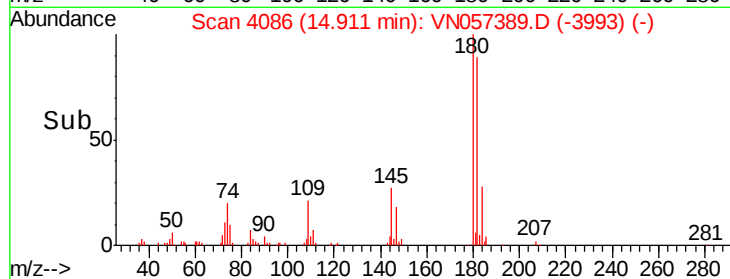
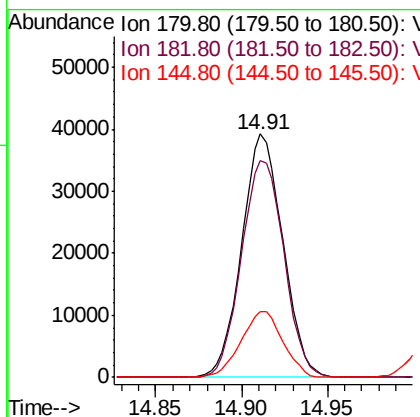
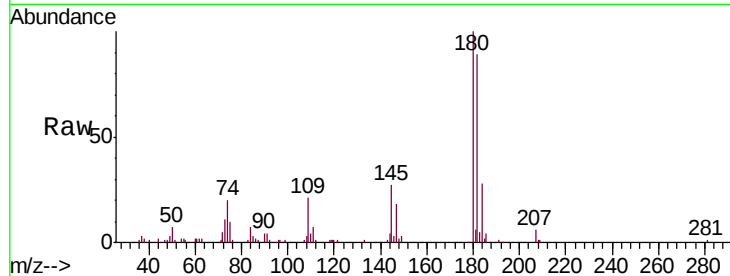




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.287 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

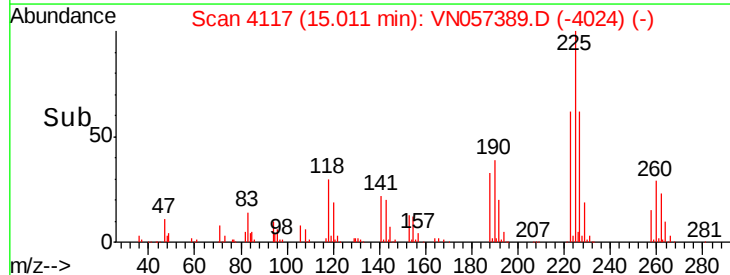
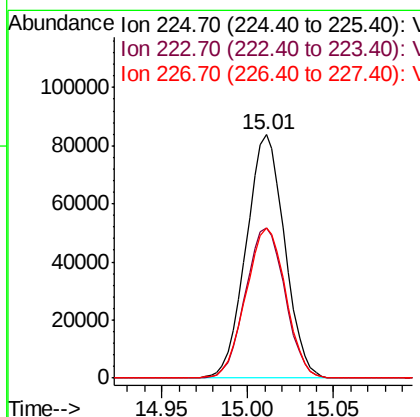
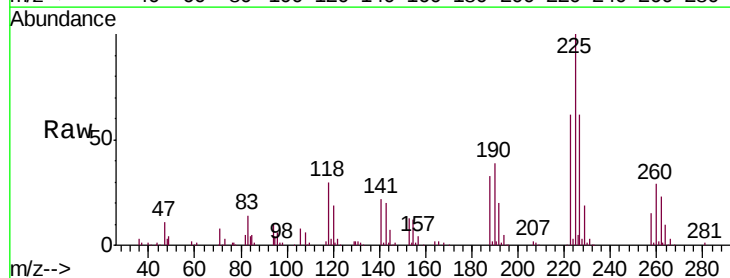
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0819WBSD01

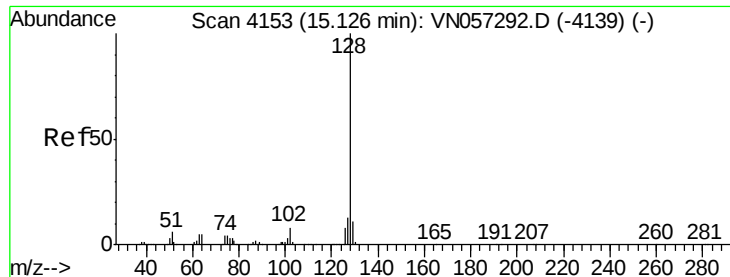
Tgt Ion:180 Resp: 64969  
 Ion Ratio Lower Upper  
 180 100  
 182 92.0 48.0 144.2  
 145 27.6 14.5 43.6



#94  
 Hexachlorobutadiene  
 Concen: 23.190 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN057389.D  
 Acq: 19 Aug 2019 10:40

Tgt Ion:225 Resp: 130322  
 Ion Ratio Lower Upper  
 225 100  
 223 63.5 30.7 92.1  
 227 63.6 30.9 92.7





#95

Naphthalene

Concen: 18.984 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0819WBSD01

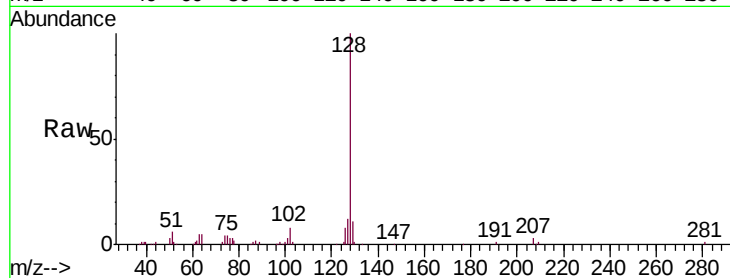
Tgt Ion:128 Resp: 124385

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

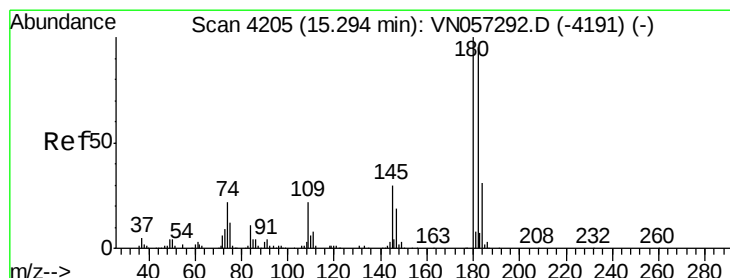
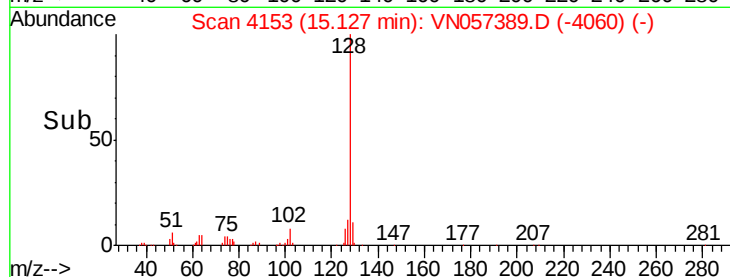
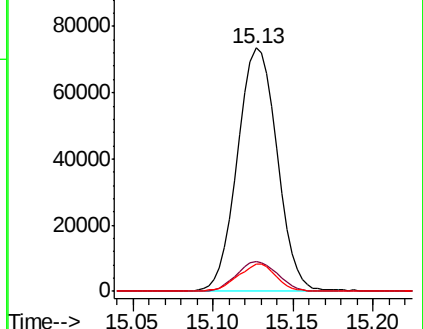
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.949 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057389.D

Acq: 19 Aug 2019 10:40

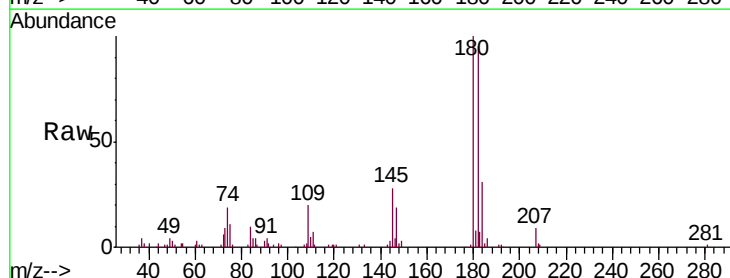
Tgt Ion:180 Resp: 61469

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 29.4 15.1 45.3



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

