

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\  
 Data File : VN050480.D  
 Acq On : 9 Aug 2018 12:58  
 Operator : MD\SY  
 Sample : VN0809MBS01  
 Misc : 5.00µl/10µL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 10 04:00:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 05:22:15 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 741730   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1089062  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1000546  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 506320   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 471636   | 47.59 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.18% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 434408   | 49.71 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.42% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1608711  | 48.96 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.92% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 543914   | 48.57 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.14% |          |

| Target Compounds              | R.T. | QIon | Response | Conc  | Units  | Qvalue |
|-------------------------------|------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 151509   | 18.40 | ug/l   | 97     |
| 3) Chloromethane              | 2.06 | 50   | 187460   | 18.34 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.18 | 62   | 203115   | 19.06 | ug/l   | 99     |
| 5) Bromomethane               | 2.56 | 94   | 107613   | 20.92 | ug/l   | 98     |
| 6) Chloroethane               | 2.70 | 64   | 125303   | 19.08 | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 264685   | 19.23 | ug/l   | 98     |
| 8) Diethyl Ether              | 3.41 | 74   | 95545    | 18.93 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 164848   | 19.38 | ug/l   | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 71577    | 19.10 | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.80 | 59   | 62173    | 78.10 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 151481   | 18.89 | ug/l   | 98     |
| 13) Acrolein                  | 3.61 | 56   | 53405    | 63.49 | ug/l   | 98     |
| 14) Allyl chloride            | 4.32 | 41   | 230281   | 17.88 | ug/l   | 98     |
| 15) Acrylonitrile             | 4.99 | 53   | 284336   | 85.27 | ug/l   | 100    |
| 16) Acetone                   | 3.82 | 43   | 257390   | 86.85 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.05 | 76   | 429101   | 16.46 | ug/l   | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 141434   | 18.29 | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 428537   | 18.83 | ug/l   | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 180097   | 18.96 | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 164456   | 18.95 | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.96 | 45   | 509454   | 19.37 | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1715327  | 91.39 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 302273   | 18.73 | ug/l   | 99     |
| 25) 2-Butanone                | 6.84 | 43   | 407490   | 82.98 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 248824   | 18.70 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 187972   | 19.54 | ug/l   | 98     |
| 28) Bromochloromethane        | 7.20 | 49   | 146016   | 19.65 | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 212804   | 80.96 | ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83   | 314784   | 19.51 | ug/l   | 98     |
| 31) Cyclohexane               | 7.65 | 56   | 264794   | 18.24 | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 263169   | 18.99 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.80 | 75   | 230228   | 19.24 | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.94 | 43   | 146683   | 17.02 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 236618   | 18.96 | ug/l   | 98     |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 10 04:00:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 05:22:15 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 241542   | 18.49  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 707345   | 19.23  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.17  | 41   | 68828    | 15.02  | ug/l   | 89       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 225090   | 19.27  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 262034   | 17.61  | ug/l   | 97       |
| 44) Trichloroethene            | 8.84  | 130  | 189869   | 19.21  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 185154   | 19.14  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 111019   | 18.59  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 233780   | 18.90  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 129514   | 17.37  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 37946    | 330.18 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 929596   | 86.77  | ug/l   | 98       |
| 52) Toluene                    | 10.16 | 92   | 440373   | 19.93  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 233677   | 18.81  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 271346   | 19.57  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 163415   | 18.94  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 202537   | 17.73  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 269386   | 19.02  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 470783   | 87.68  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 627797   | 83.97  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 179811   | 18.92  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 160912   | 18.92  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 183687   | 19.65  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.44 | 112  | 483441   | 19.27  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 178219   | 19.52  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 807244   | 19.91  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 634687   | 41.12  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 300242   | 20.19  | ug/l   | 99       |
| 70) Styrene                    | 11.97 | 104  | 488137   | 20.19  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 125540   | 18.82  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 797843   | 20.99  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 221354   | 17.97  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 208149   | 18.98  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 246161   | 26.86  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 211899   | 20.81  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.59 | 91   | 889555   | 20.68  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 547176   | 20.59  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 655187   | 21.24  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 47114    | 18.06  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 551496   | 20.81  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 560103   | 20.81  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 669140   | 21.41  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 728412   | 20.31  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 628311   | 20.44  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 359765   | 19.84  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 349563   | 19.30  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.62 | 91   | 484961   | 18.53  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 102929   | 18.83  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 352554   | 19.39  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 28847    | 15.49  | ug/l   | 93       |

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Sample : VN0809MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Aug 10 04:00:42 2018  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 07 05:22:15 2018  
Response via : Initial Calibration

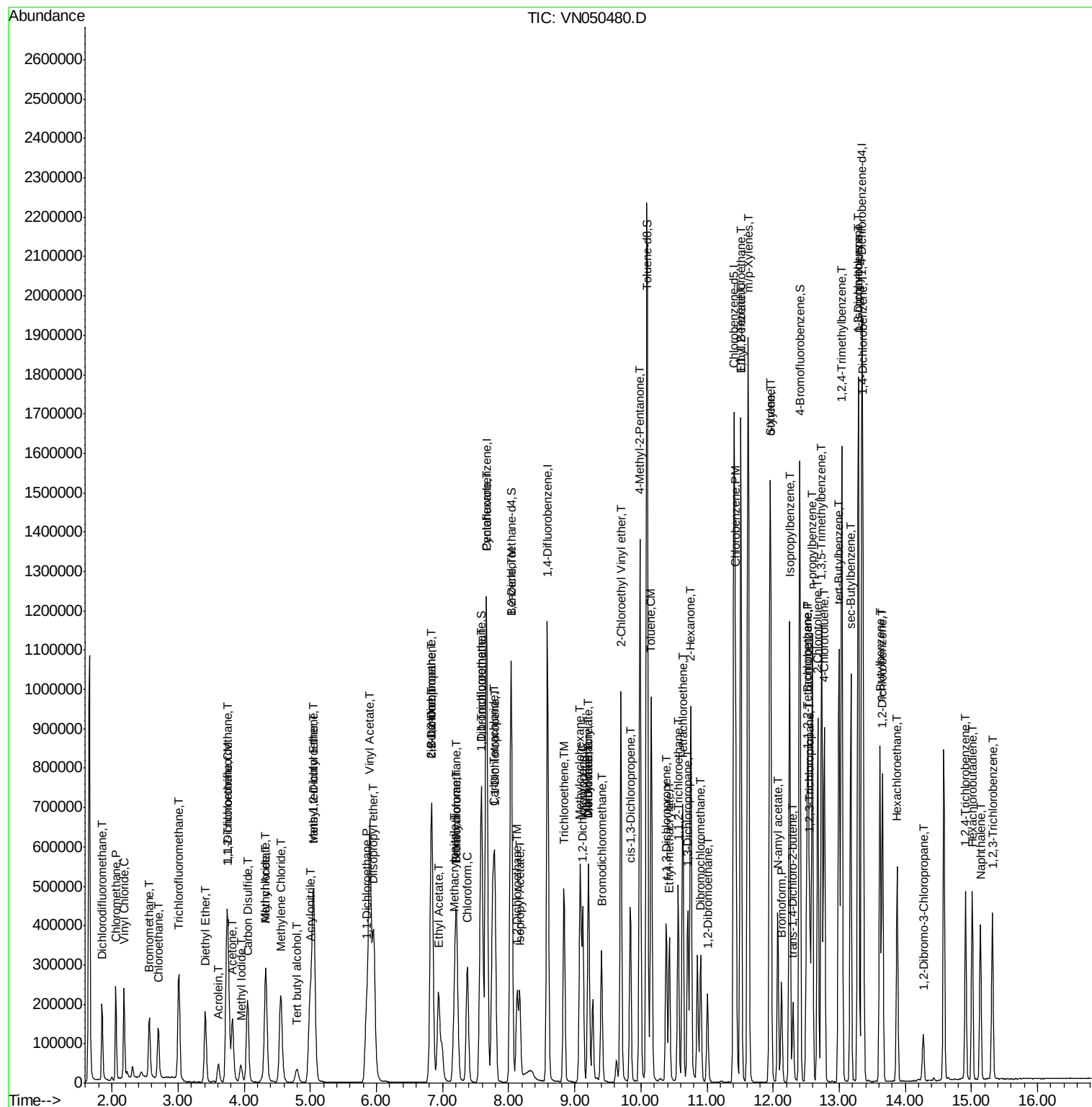
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 163598   | 17.67 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 104244   | 19.61 | ug/l  | 100      |
| 95) Naphthalene            | 15.14 | 128  | 340245   | 16.49 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 159414   | 17.03 | ug/l  | 98       |

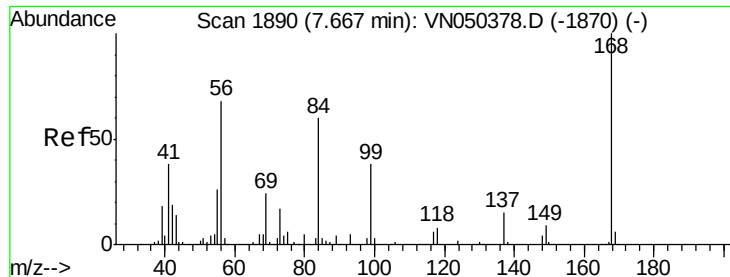
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
 MSVOA\_N  
 ClientSampleId :

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

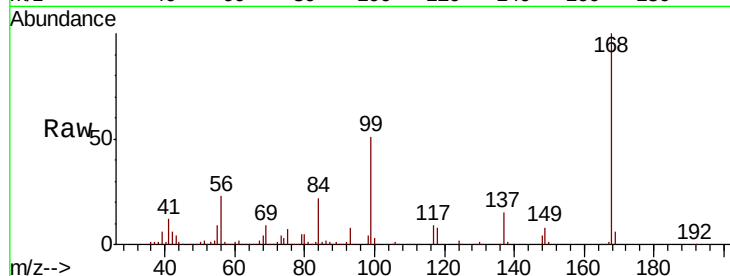
ClientSampled :

Tot Ion:168 Resp: 741730

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

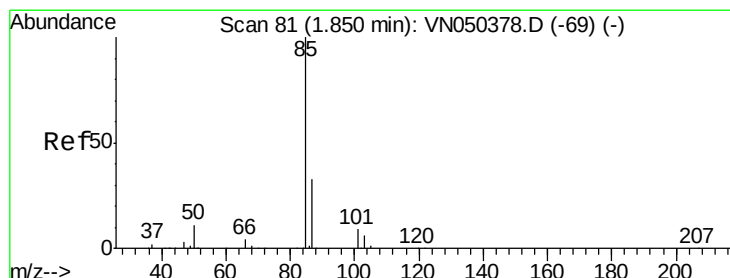
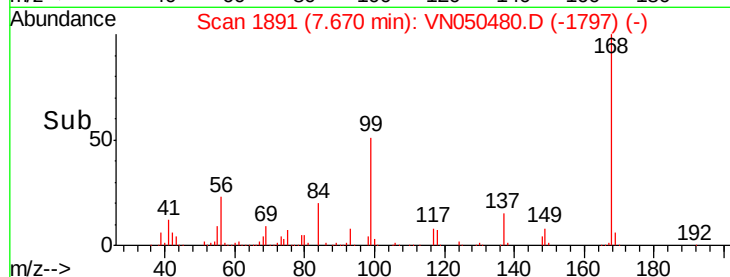
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.40 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050480.D

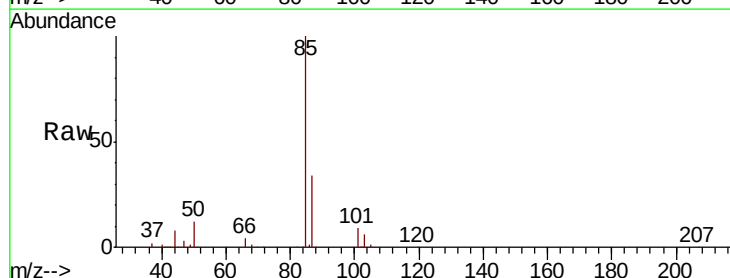
Acq: 9 Aug 2018 12:58

Tgt Ion: 85 Resp: 151509

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

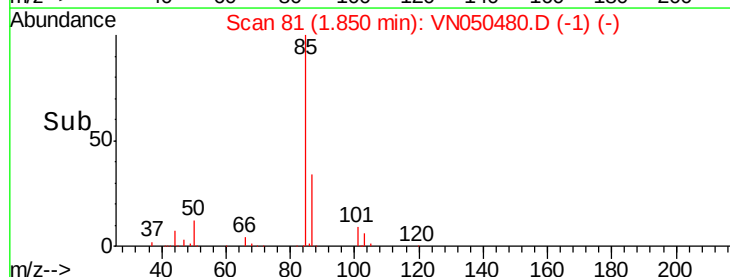
60000

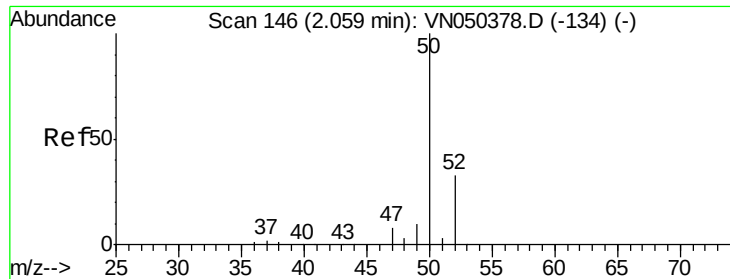
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.34 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

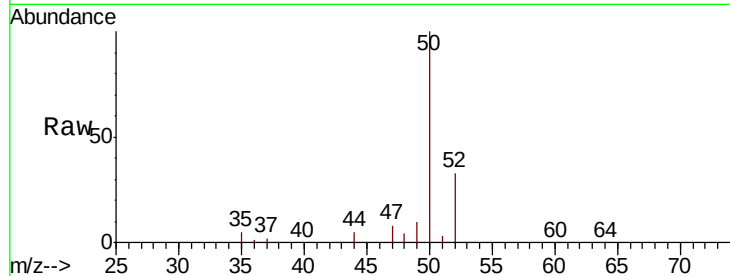
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 50 Resp: 187460

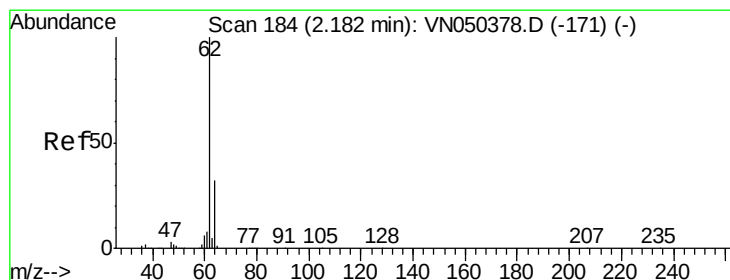
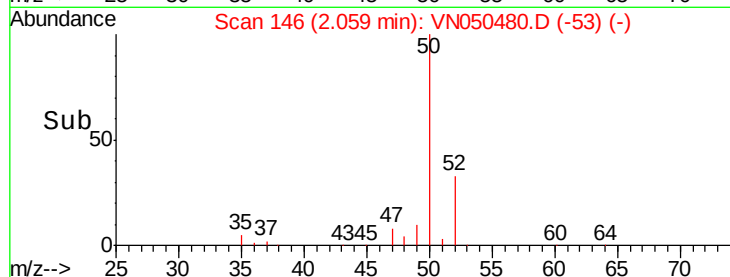
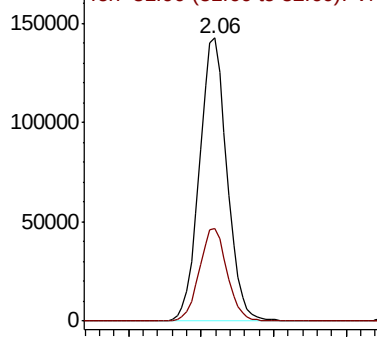
Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0  
Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050480.D

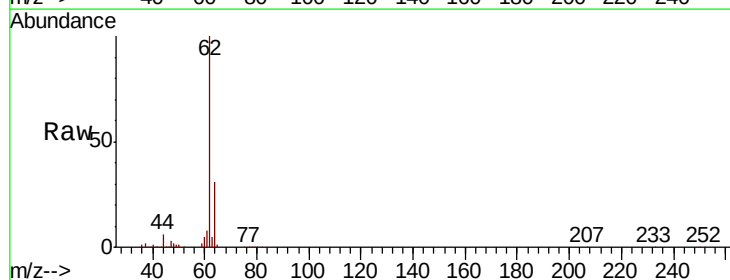
Acq: 9 Aug 2018 12:58

Tgt Ion: 62 Resp: 203115

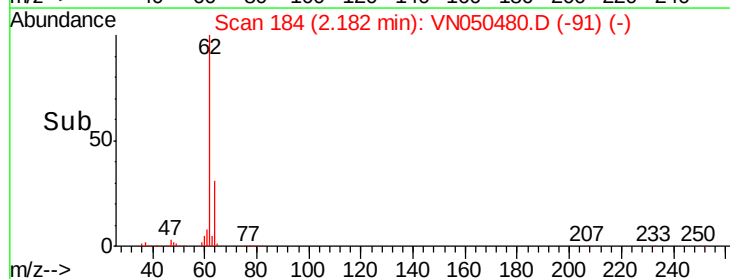
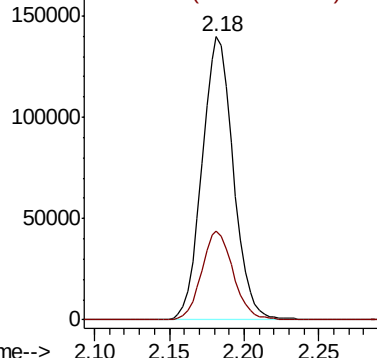
Ion Ratio Lower Upper

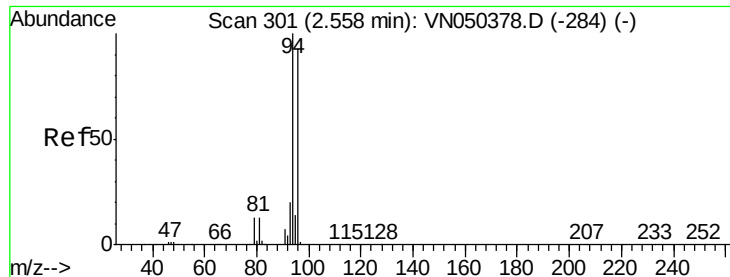
62 100

64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.92 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

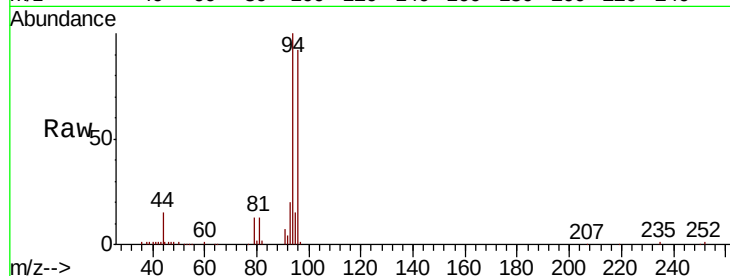
ClientSampled :

Tot Ion: 94 Resp: 107613

Ion Ratio Lower Upper

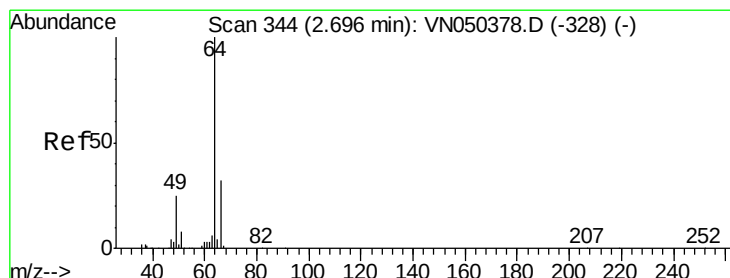
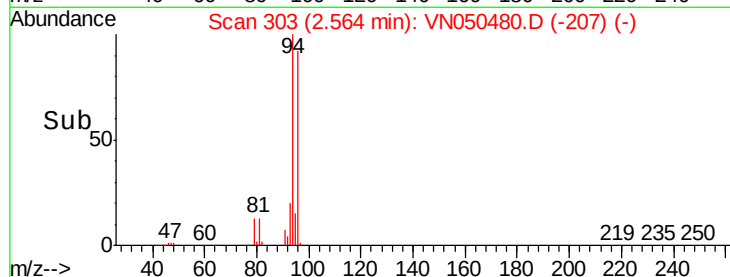
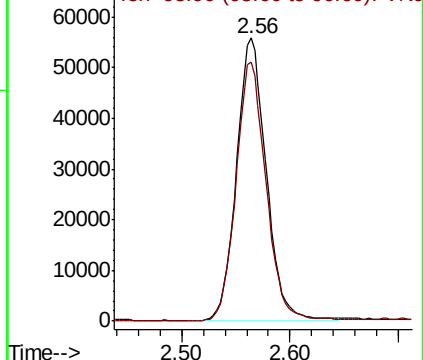
94 100

96 91.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.08 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050480.D

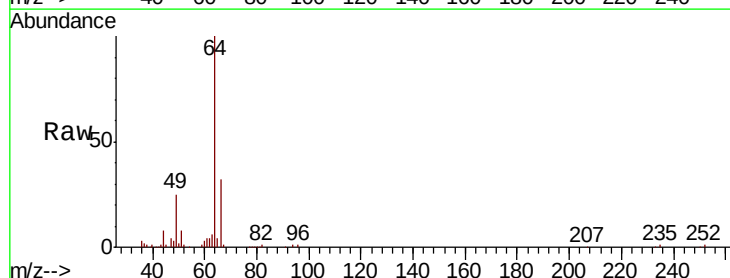
Acq: 9 Aug 2018 12:58

Tgt Ion: 64 Resp: 125303

Ion Ratio Lower Upper

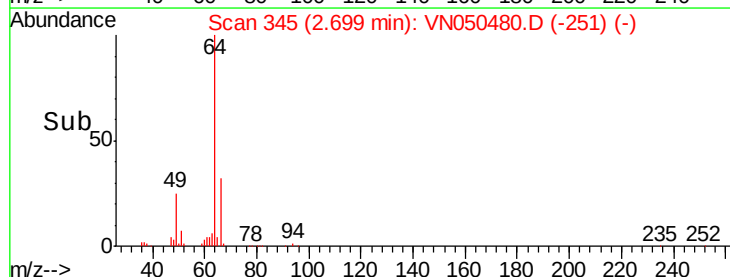
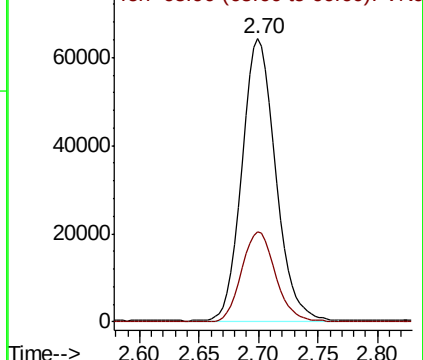
64 100

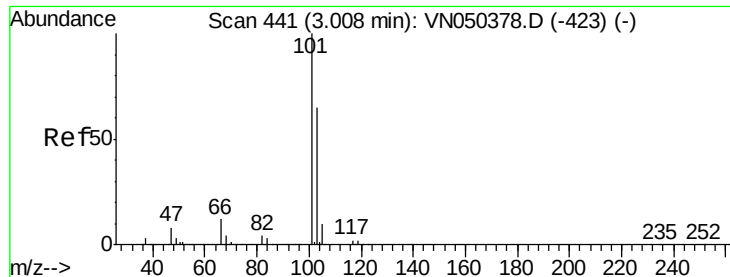
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



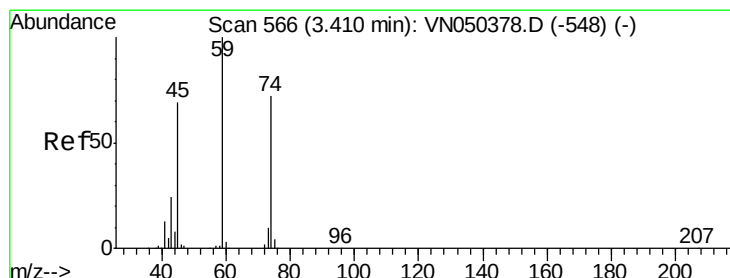
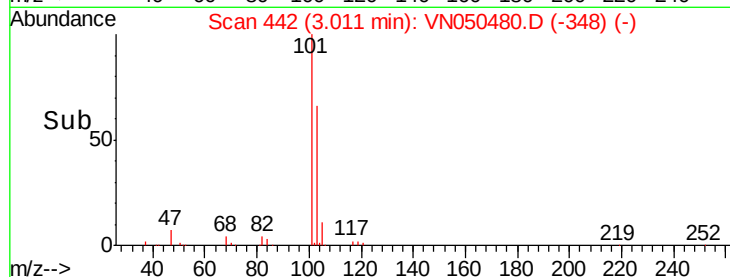
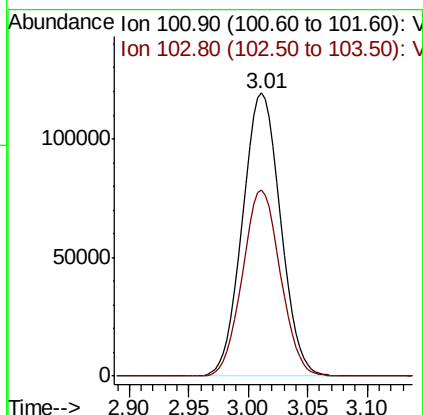
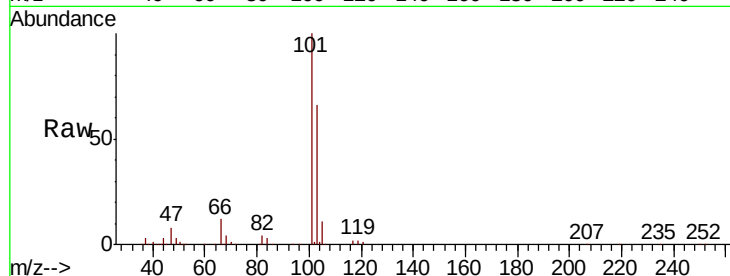


#7

Trichlorofluoromethane  
 Concen: 19.23 ug/l  
 RT: 3.01 min Scan# 442  
 Delta R.T. 0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Instrument :  
 MSVOA\_N  
 ClientSampled :

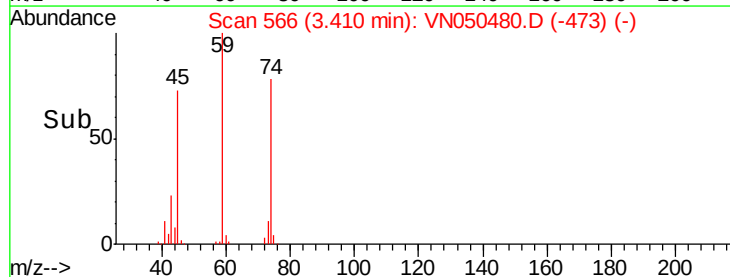
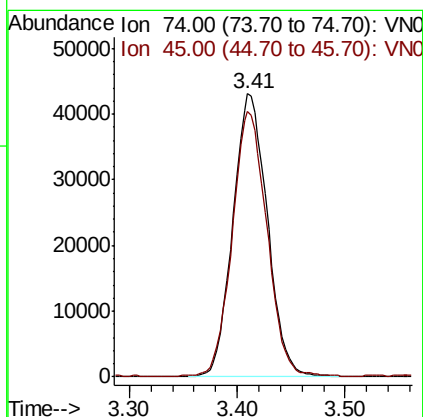
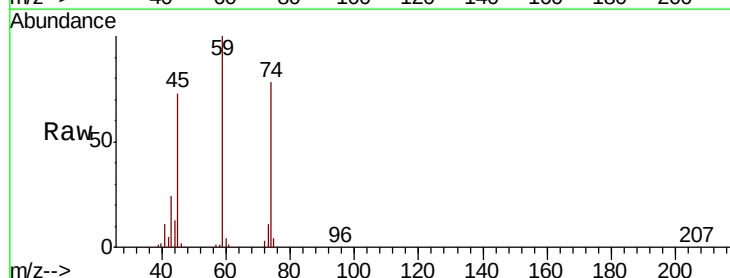
Tot Ion:101 Resp: 264685  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 51.7 77.5



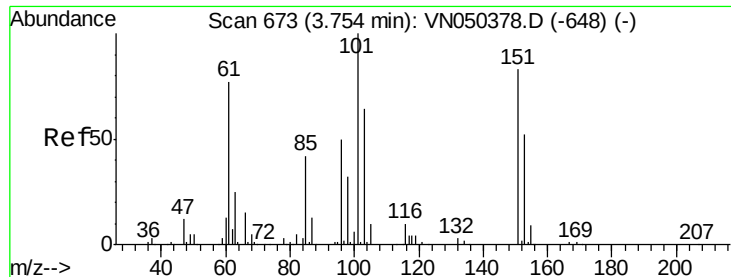
#8

Diethyl Ether  
 Concen: 18.93 ug/l  
 RT: 3.41 min Scan# 566  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion: 74 Resp: 95545  
 Ion Ratio Lower Upper  
 74 100  
 45 94.8 47.6 142.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.38 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

ClientSampled :

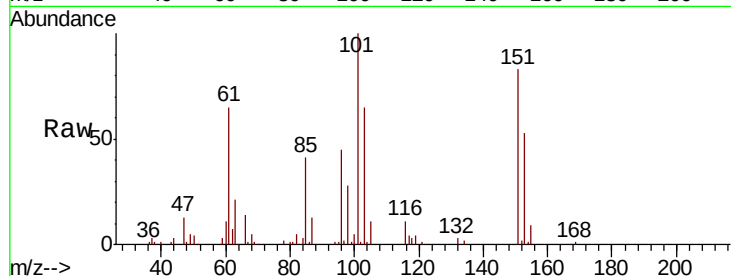
Tot Ion:101 Resp: 164848

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

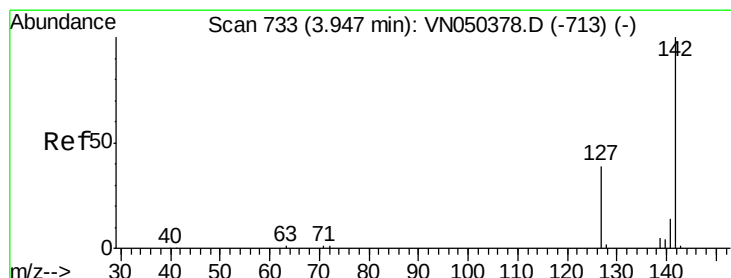
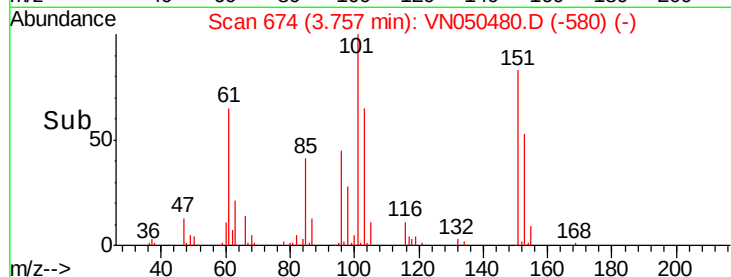
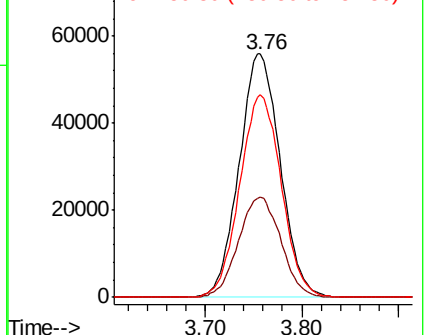
151 84.2 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.10 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

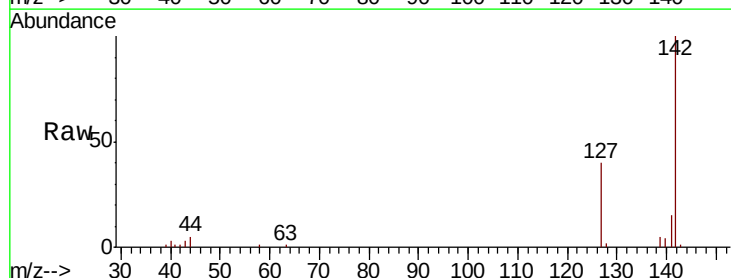
Tgt Ion:142 Resp: 71577

Ion Ratio Lower Upper

142 100

127 41.0 33.4 50.2

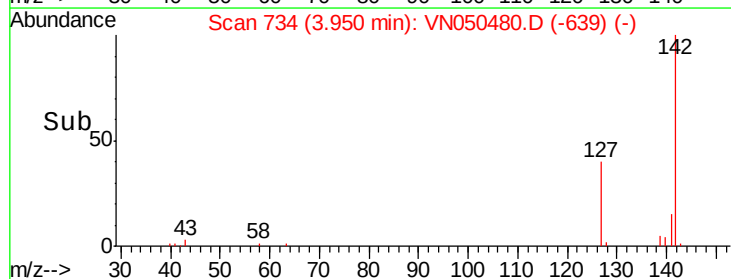
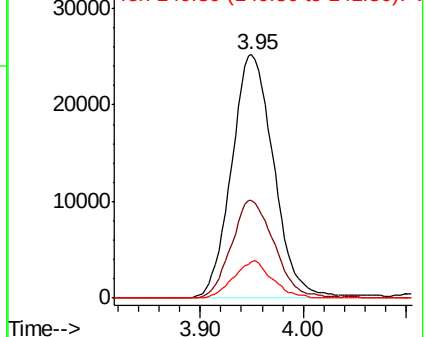
141 14.0 11.6 17.4

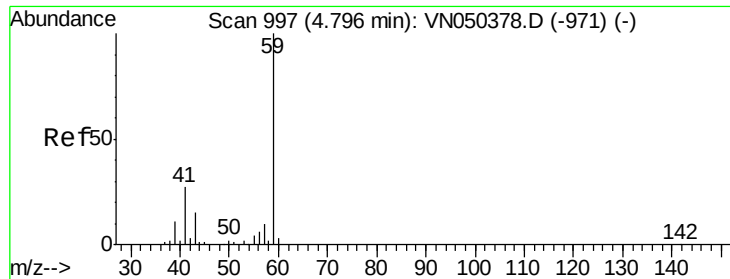


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

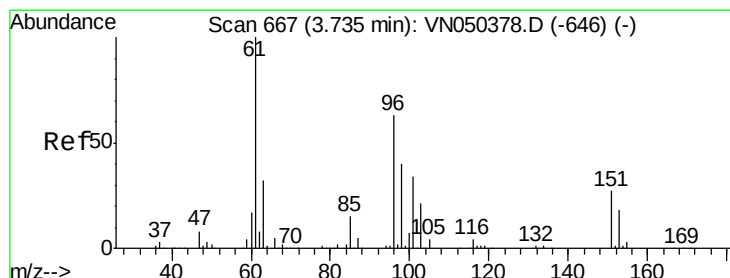
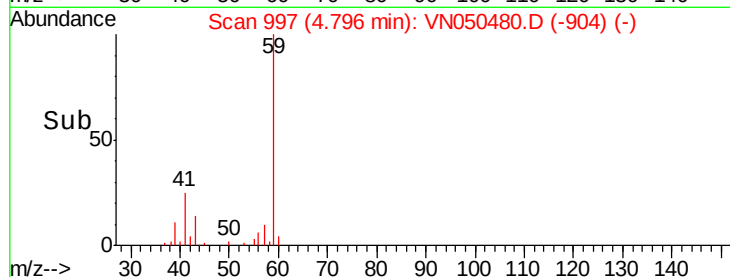
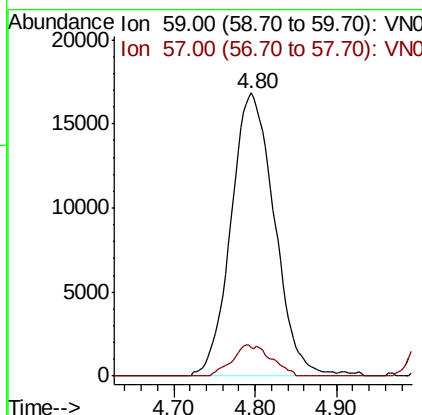
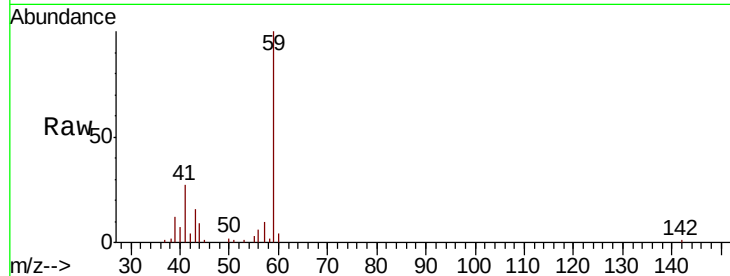




#11  
Tert butyl alcohol  
Concen: 78.10 ug/l  
RT: 4.80 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

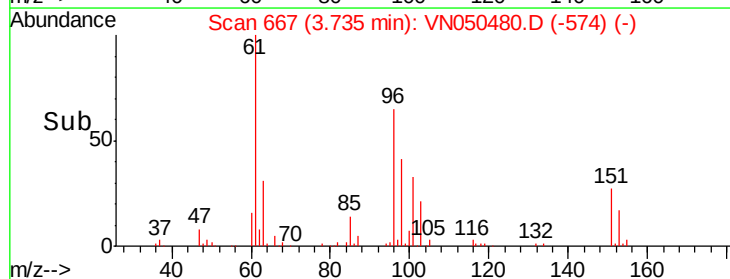
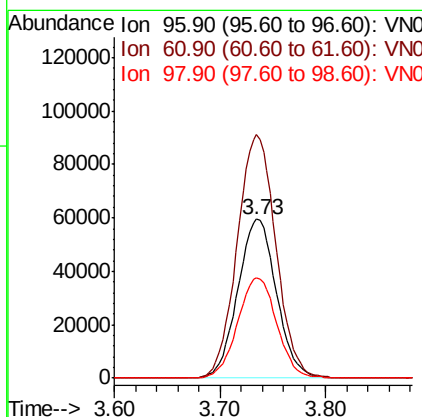
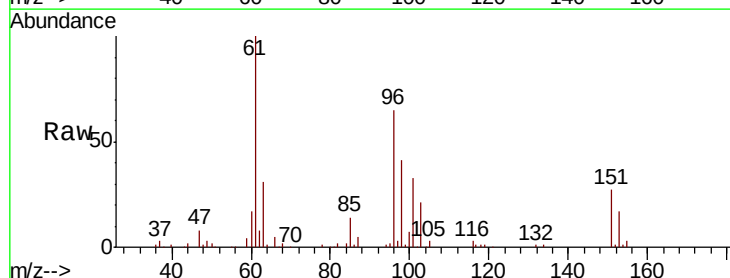
Instrument :  
MSVOA\_N  
ClientSampleId :

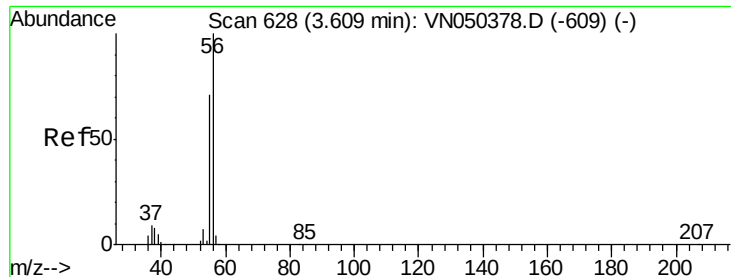
Tot Ion: 59 Resp: 62173  
Ion Ratio Lower Upper  
59 100  
57 5.6 8.5 12.7#



#12  
1,1-Dichloroethene  
Concen: 18.89 ug/l  
RT: 3.73 min Scan# 667  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 96 Resp: 151481  
Ion Ratio Lower Upper  
96 100  
61 153.3 124.4 186.6  
98 63.5 48.3 72.5





#13

Acrolein

Concen: 63.49 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

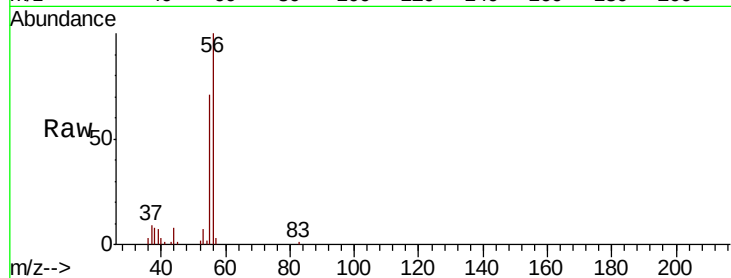
ClientSampled :

Tot Ion: 56 Resp: 53405

Ion Ratio Lower Upper

56 100

55 71.6 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN050378.D (-609) (-)

Ion 55.00 (54.70 to 55.70): VN050378.D (-609) (-)

3.61

25000

20000

15000

10000

5000

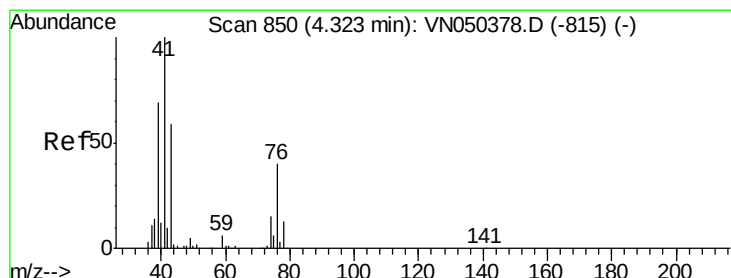
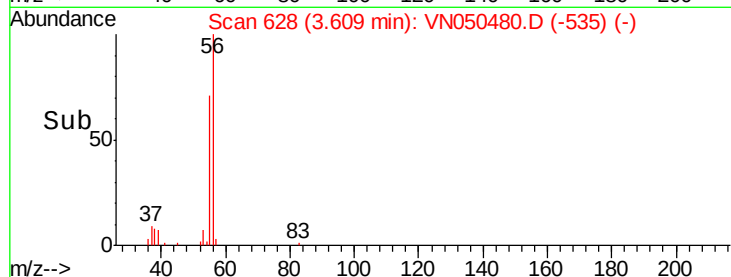
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 17.88 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

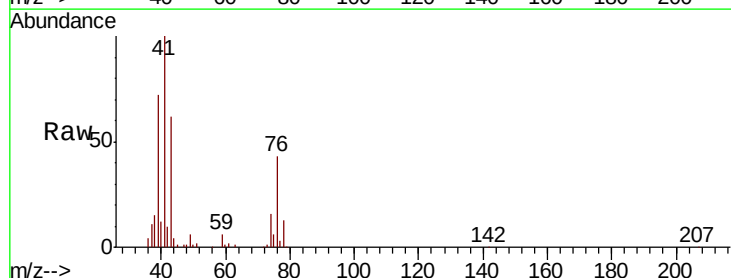
Tgt Ion: 41 Resp: 230281

Ion Ratio Lower Upper

41 100

39 67.0 54.2 81.4

76 38.3 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN050378.D (-815) (-)

Ion 39.00 (38.70 to 39.70): VN050378.D (-815) (-)

Ion 75.90 (75.60 to 76.60): VN050378.D (-815) (-)

100000

80000

60000

40000

20000

0

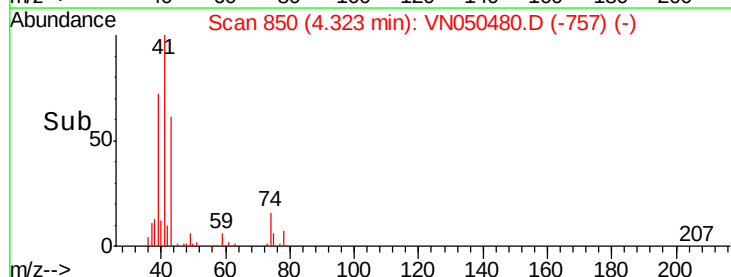
Time-->

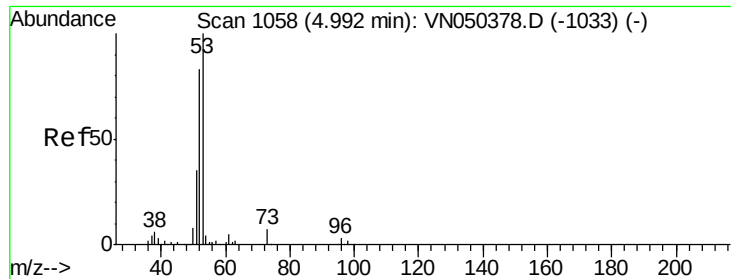
4.20

4.30

4.40

4.50

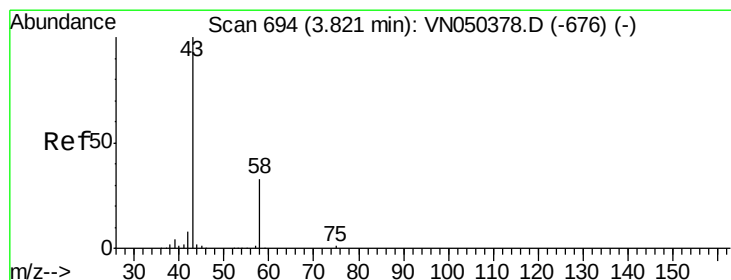
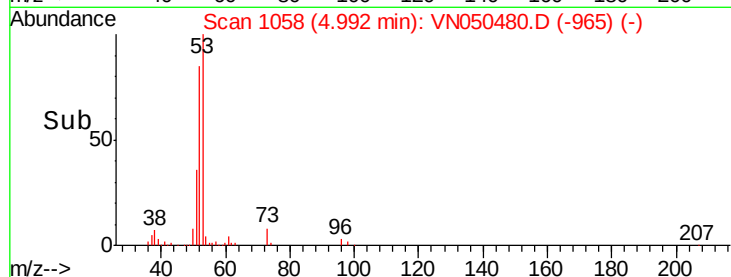
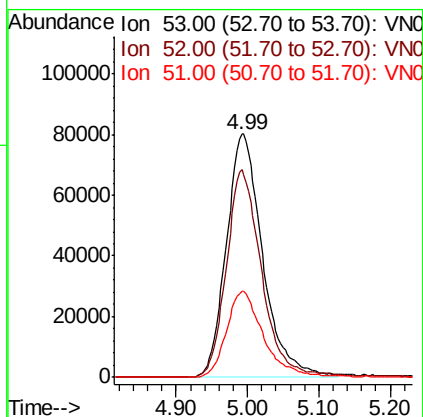
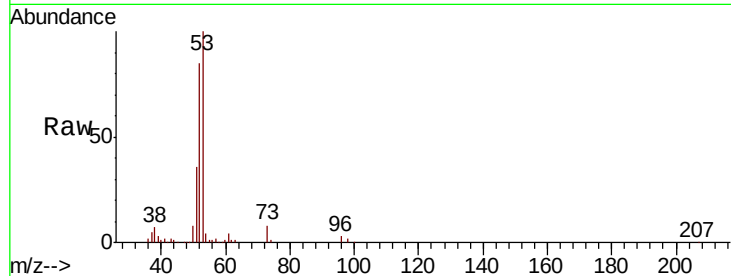




#15  
 Acrylonitrile  
 Concen: 85.27 ug/l  
 RT: 4.99 min Scan# 1058  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

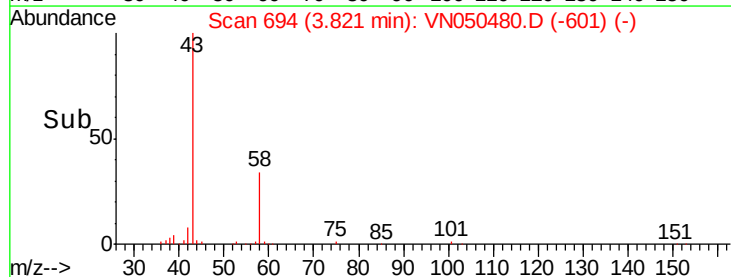
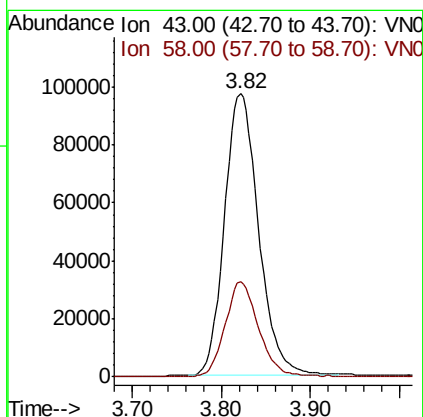
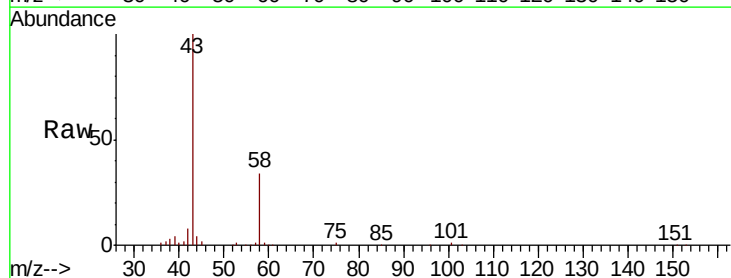
Instrument :  
 MSVOA\_N  
 ClientSampled :

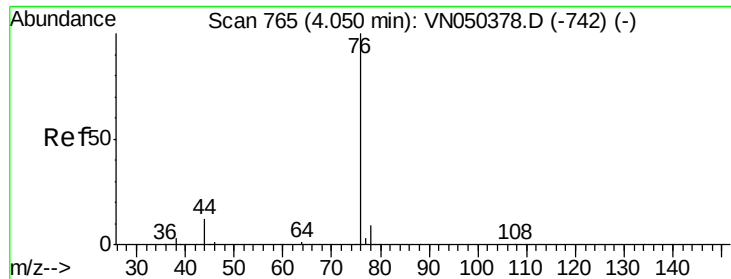
Tot Ion: 53 Resp: 284336  
 Ion Ratio Lower Upper  
 53 100  
 52 82.7 66.2 99.2  
 51 36.1 29.3 43.9



#16  
 Acetone  
 Concen: 86.85 ug/l  
 RT: 3.82 min Scan# 694  
 Delta R.T. 0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion: 43 Resp: 257390  
 Ion Ratio Lower Upper  
 43 100  
 58 33.6 25.8 38.8

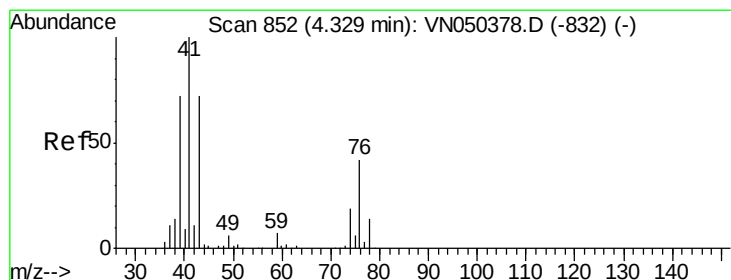
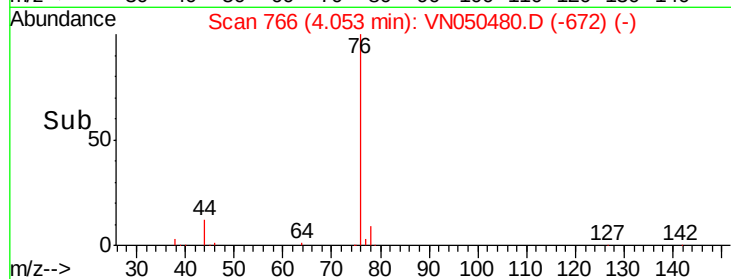
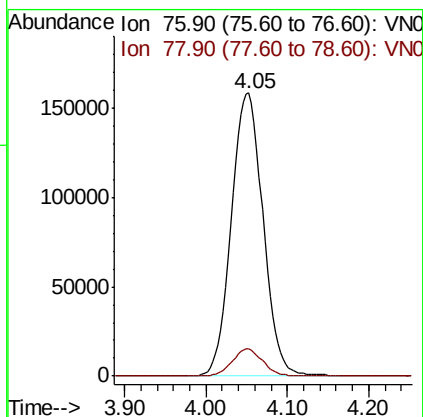
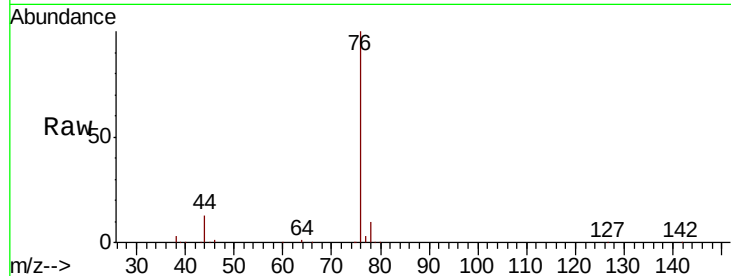




#17  
Carbon Disulfide  
Concen: 16.46 ug/l  
RT: 4.05 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

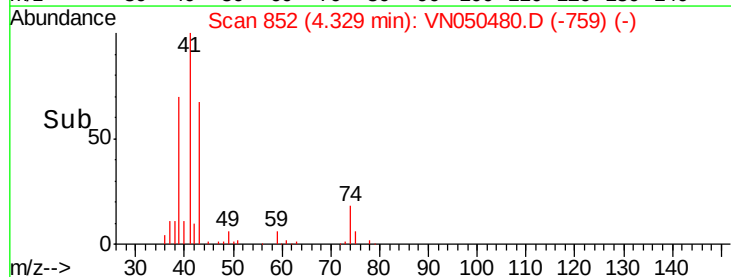
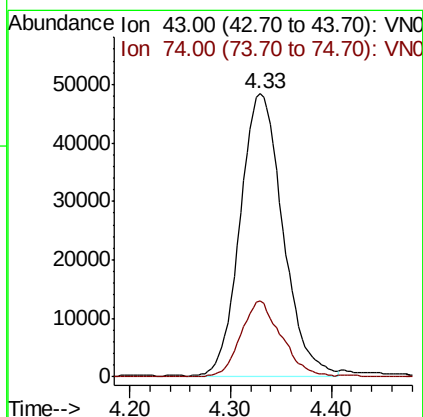
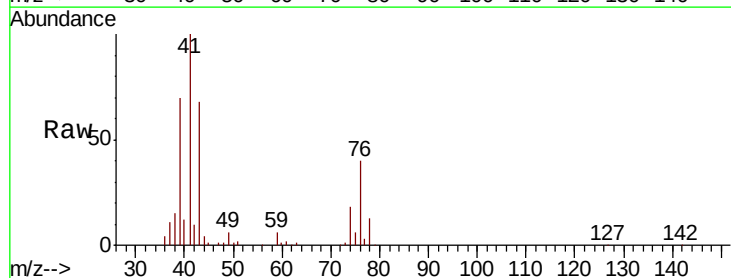
Instrument :  
MSVOA\_N  
ClientSampled :

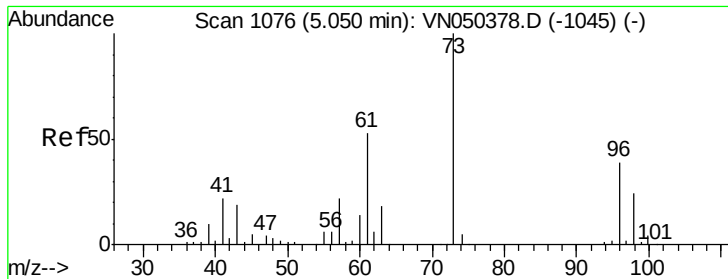
Tot Ion: 76 Resp: 429101  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.3 10.9



#18  
Methyl Acetate  
Concen: 18.29 ug/l  
RT: 4.33 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 43 Resp: 141434  
Ion Ratio Lower Upper  
43 100  
74 25.6 19.2 28.8

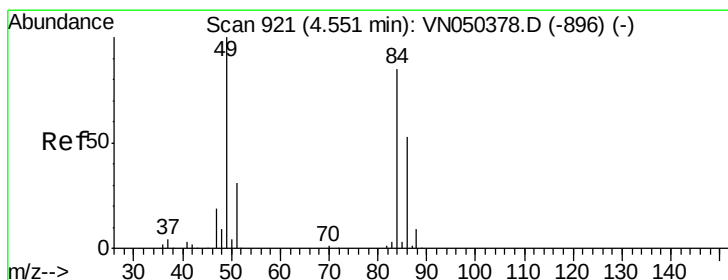
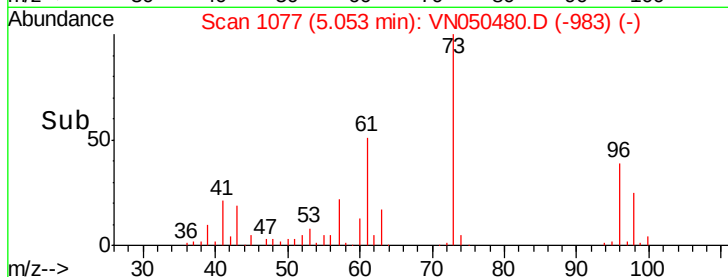
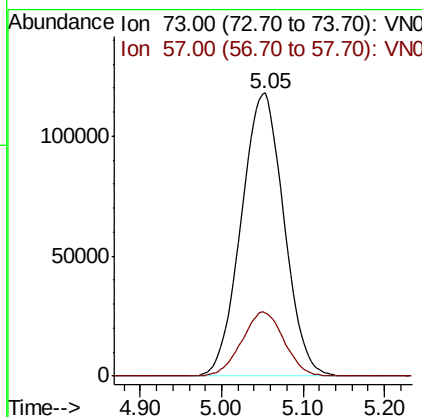
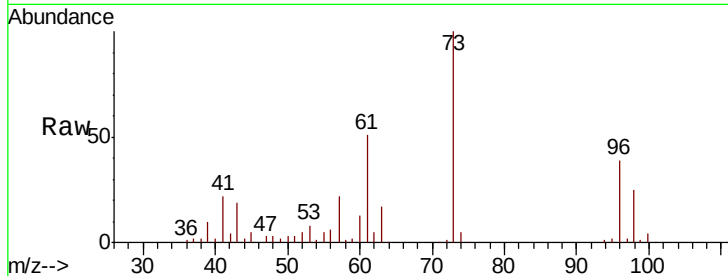




#19  
Methvl tert-butyl Ether  
Concen: 18.83 ug/l  
RT: 5.05 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

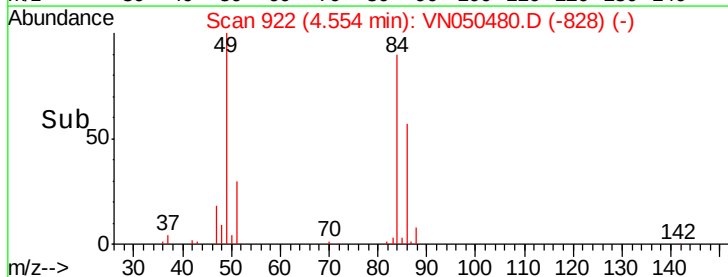
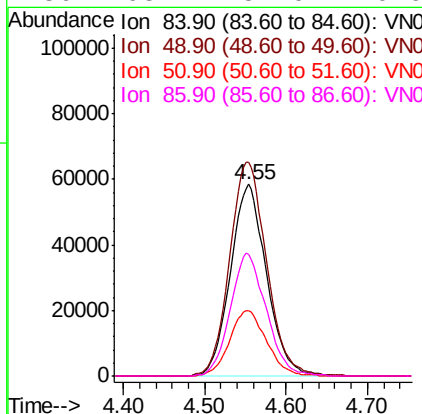
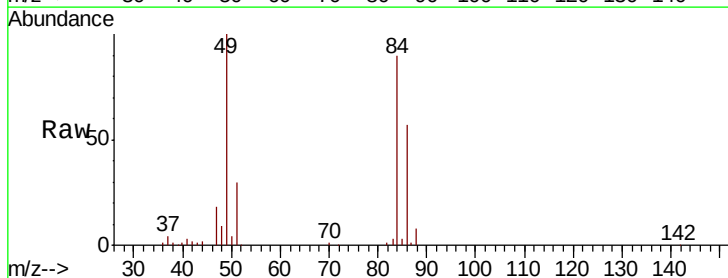
Instrument :  
MSVOA\_N  
ClientSampled :

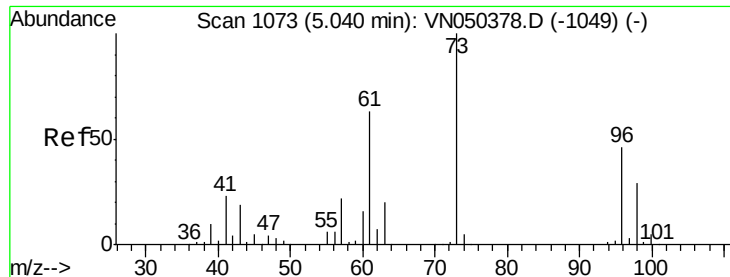
Tot Ion: 73 Resp: 428537  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.0 27.0



#20  
Methylene Chloride  
Concen: 18.96 ug/l  
RT: 4.55 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 84 Resp: 180097  
Ion Ratio Lower Upper  
84 100  
49 111.5 94.8 142.2  
51 33.9 28.3 42.5  
86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.95 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampled :

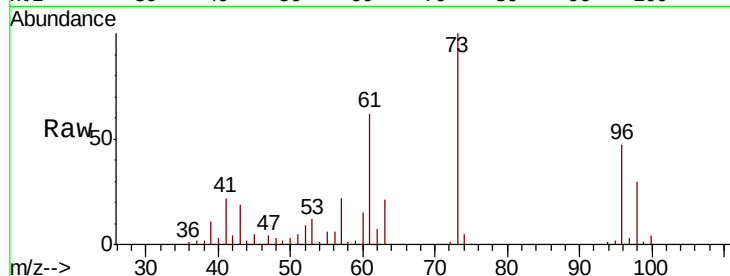
Tot Ion: 96 Resp: 164456

Ion Ratio Lower Upper

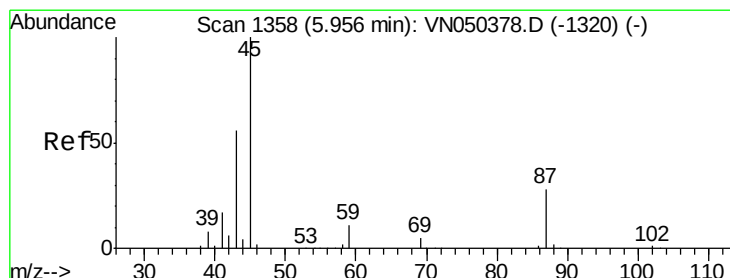
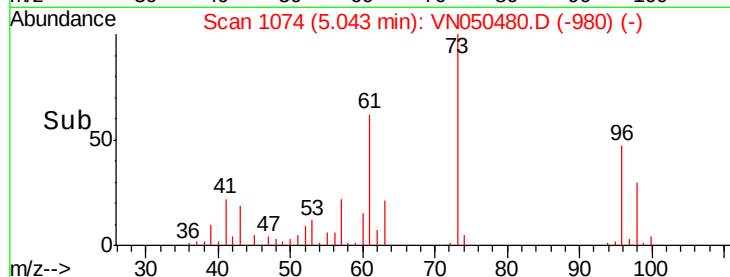
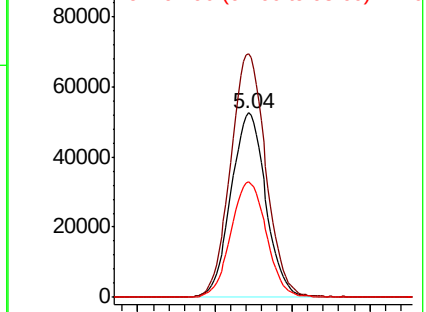
96 100

61 131.9 110.7 166.1

98 62.3 51.6 77.4



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



#22

Diisopropyl ether

Concen: 19.37 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Tgt Ion: 45 Resp: 509454

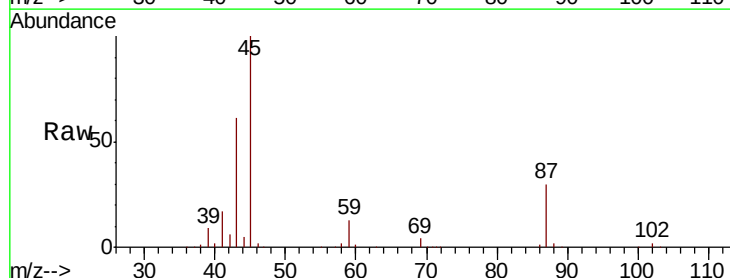
Ion Ratio Lower Upper

45 100

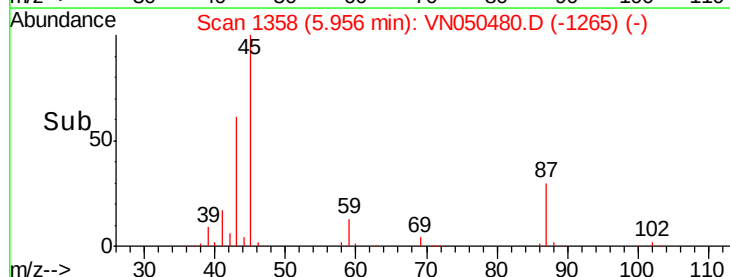
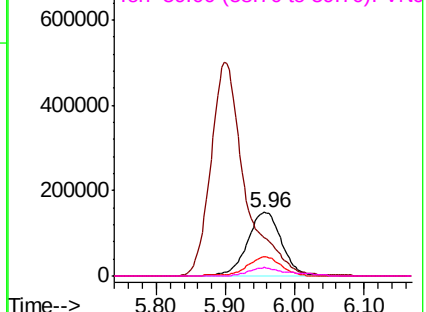
43 59.7 45.7 68.5

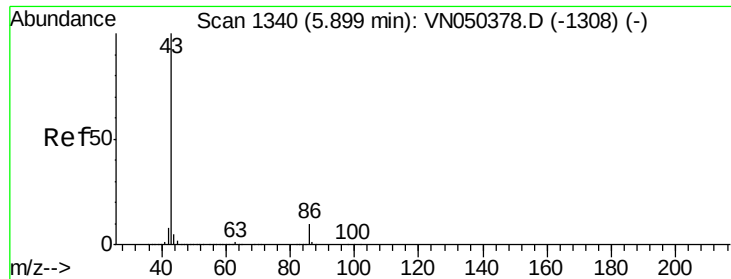
87 30.4 22.7 34.1

59 12.8 9.5 14.3



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





#23

Vinyl Acetate

Concen: 91.39 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

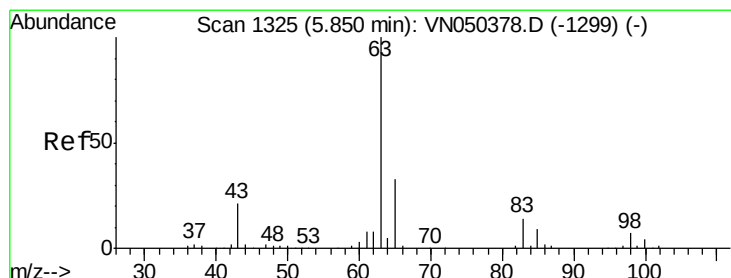
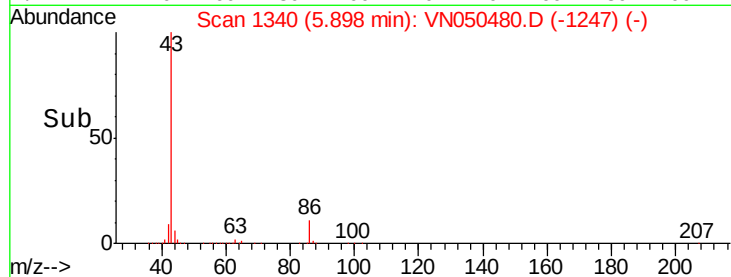
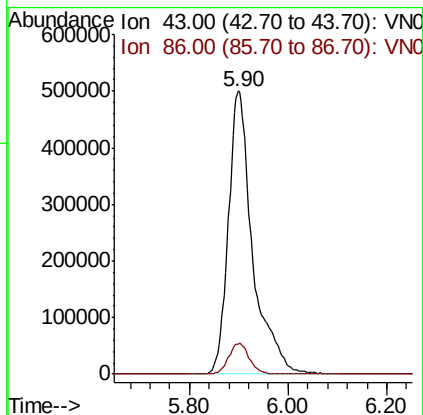
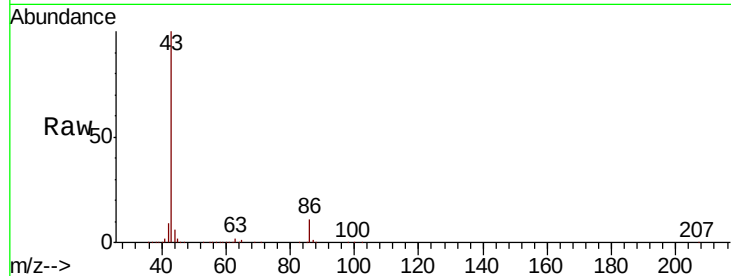
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 1715327

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 18.73 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

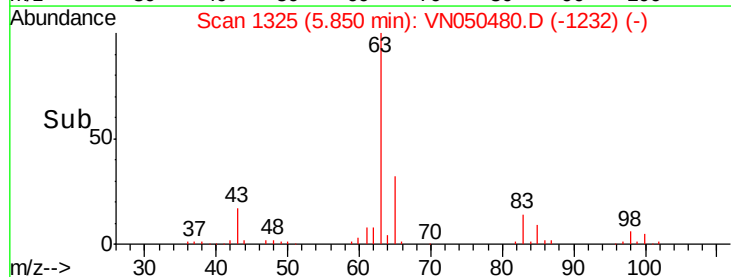
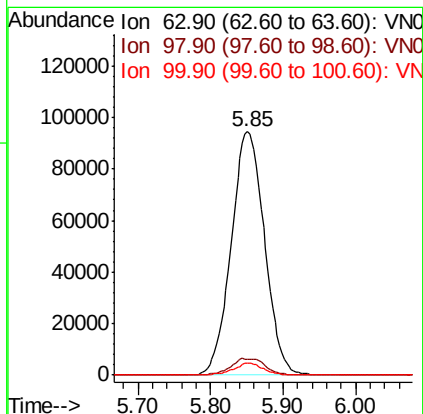
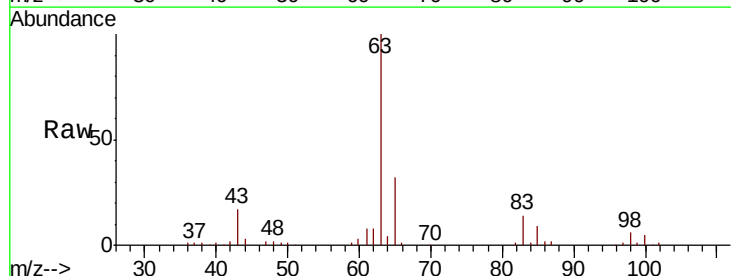
Tgt Ion: 63 Resp: 302273

Ion Ratio Lower Upper

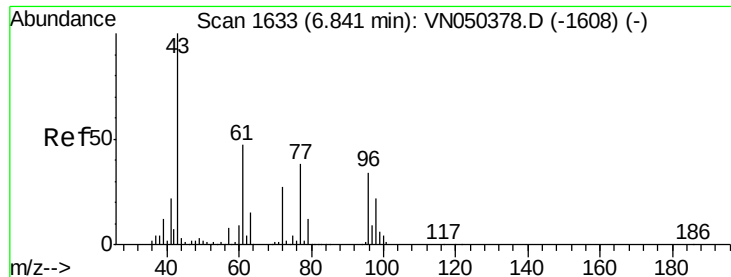
63 100

98 6.4 3.3 9.8

100 4.8 2.1 6.3



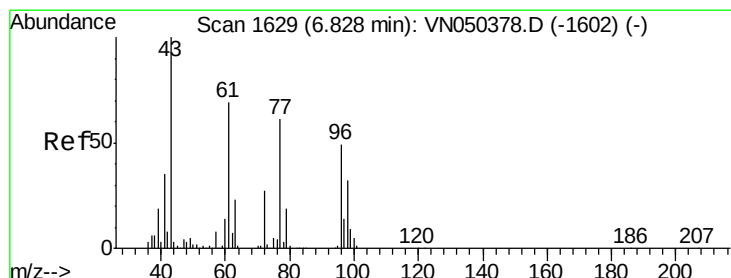
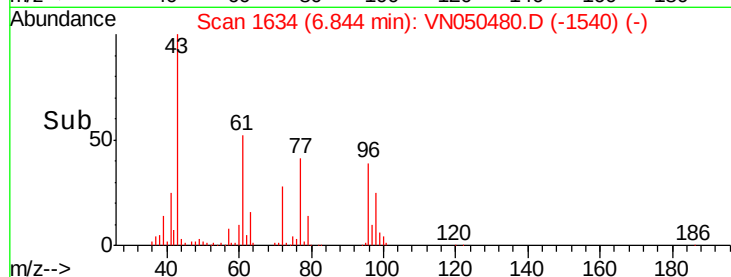
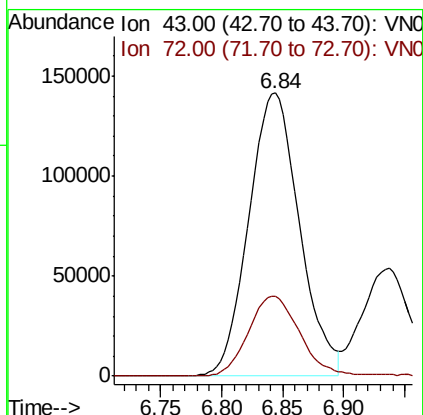
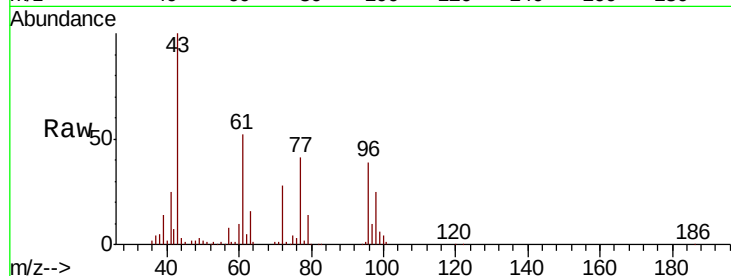




#25  
2-Butanone  
Concen: 82.98 ug/l  
RT: 6.84 min Scan# 1634  
Delta R.T. 0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

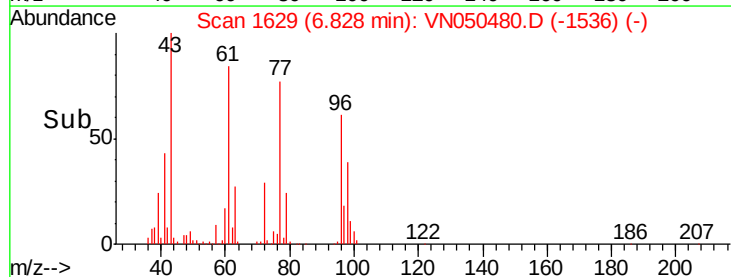
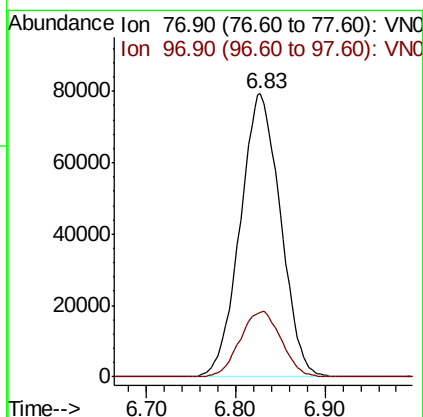
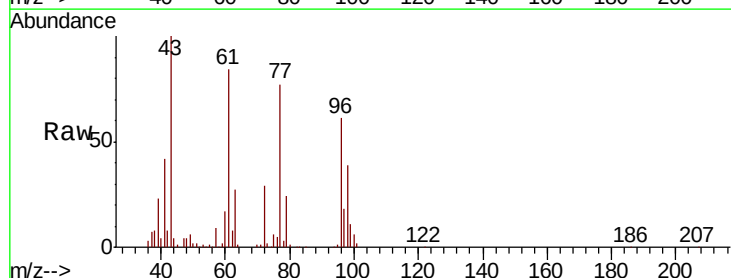
Instrument :  
MSVOA\_N  
ClientSampled :

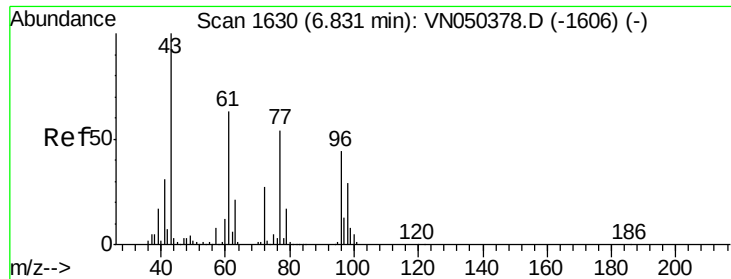
Tot Ion: 43 Resp: 407490  
Ion Ratio Lower Upper  
43 100  
72 28.4 21.5 32.3



#26  
2,2-Dichloropropane  
Concen: 18.70 ug/l  
RT: 6.83 min Scan# 1629  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 77 Resp: 248824  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.8 35.3

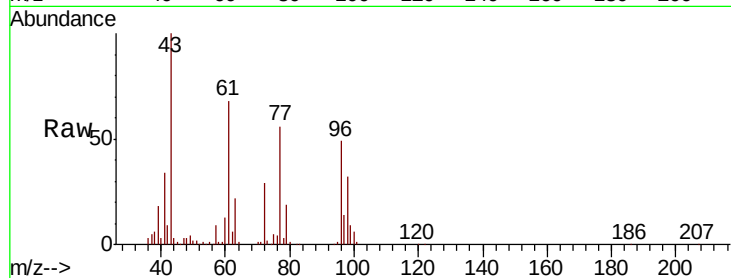




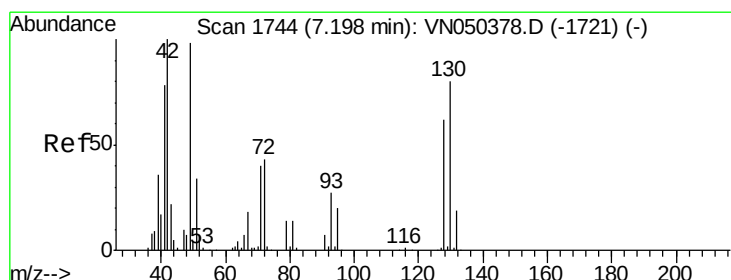
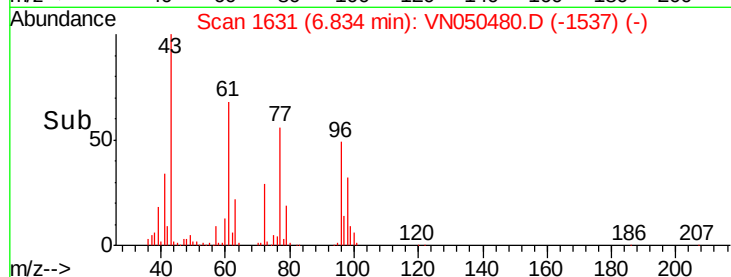
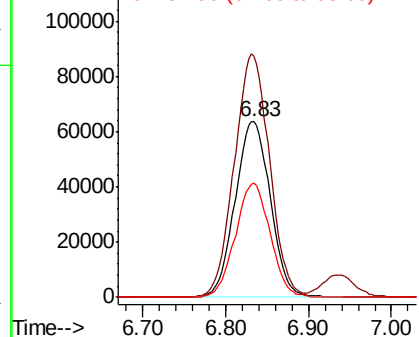
#27  
 cis-1,2-Dichloroethene  
 Concen: 19.54 ug/l  
 RT: 6.83 min Scan# 1631  
 Delta R.T. 0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 96 Resp: 187972  
 Ion Ratio Lower Upper  
 96 100  
 61 138.5 0.0 285.0  
 98 64.2 0.0 129.2

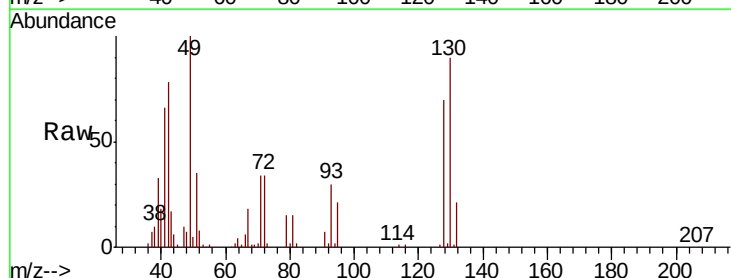


Abundance Ion 95.90 (95.60 to 96.60): VN0  
 Ion 60.90 (60.60 to 61.60): VN0  
 Ion 97.90 (97.60 to 98.60): VN0

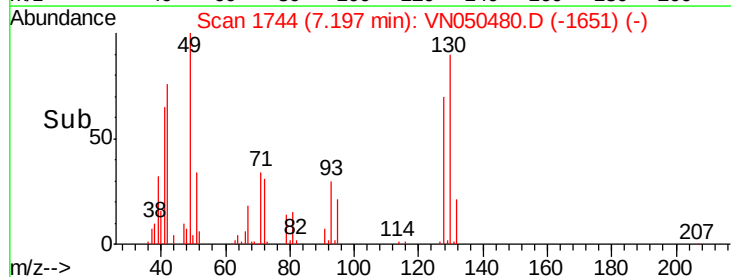
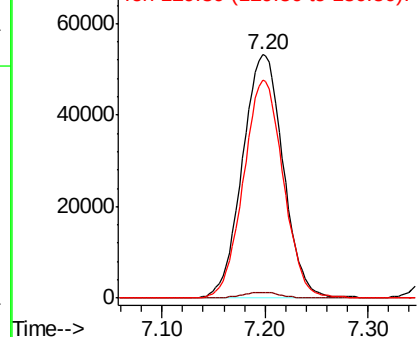


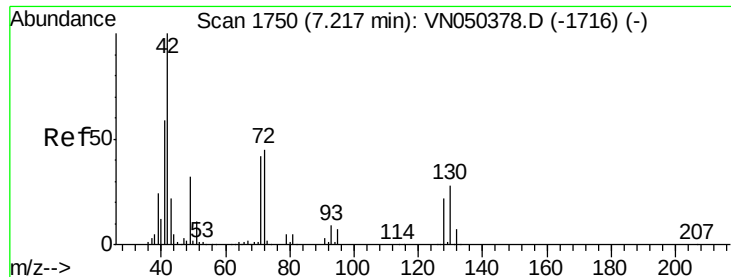
#28  
 Bromochloromethane  
 Concen: 19.65 ug/l  
 RT: 7.20 min Scan# 1744  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion: 49 Resp: 146016  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.0  
 130 87.6 66.3 99.5



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

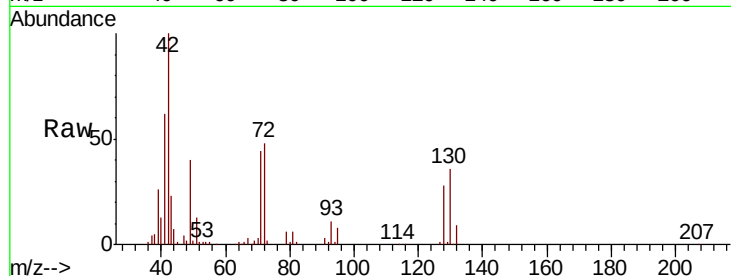




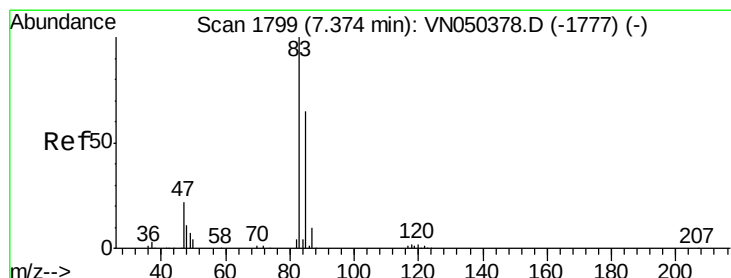
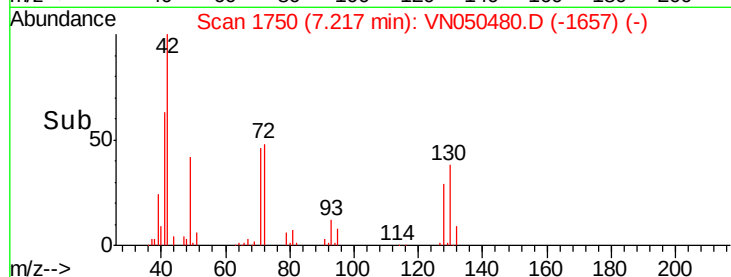
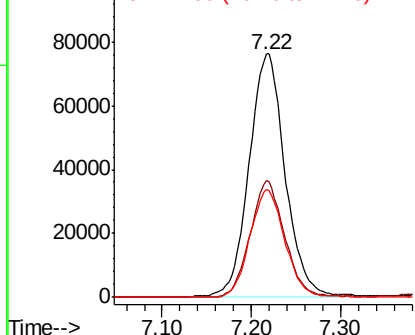
#29  
Tetrahydrofuran  
Concen: 80.96 ug/l  
RT: 7.22 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.2  | 35.9  | 53.9  |
| 71      | 43.2  | 33.7  | 50.5  |

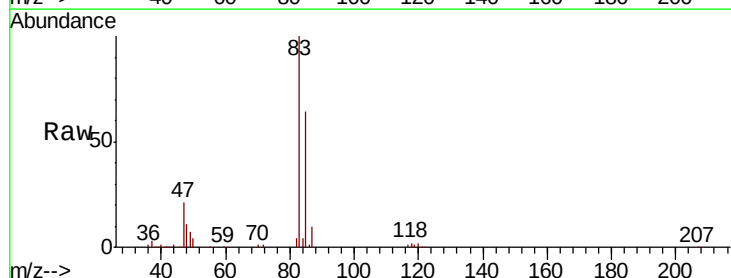


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

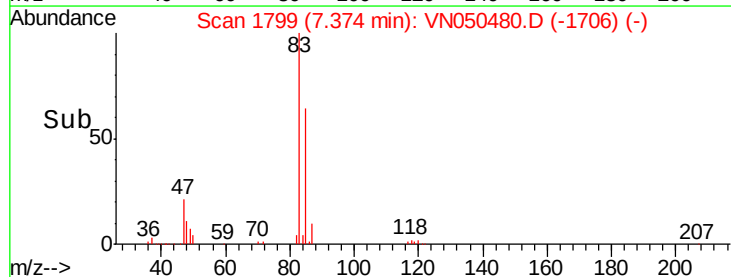
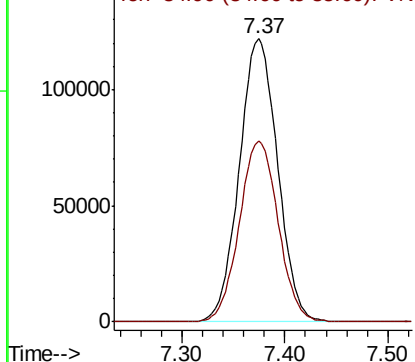


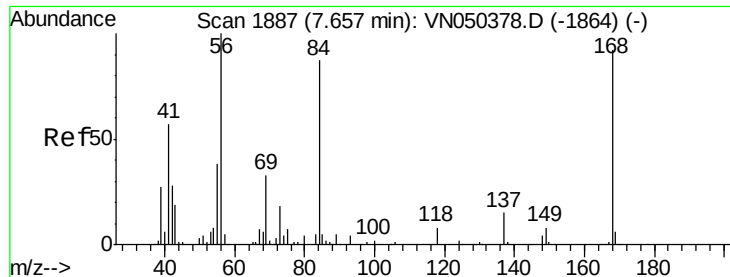
#30  
Chloroform  
Concen: 19.51 ug/l  
RT: 7.37 min Scan# 1799  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.8  | 52.5  | 78.7  |



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

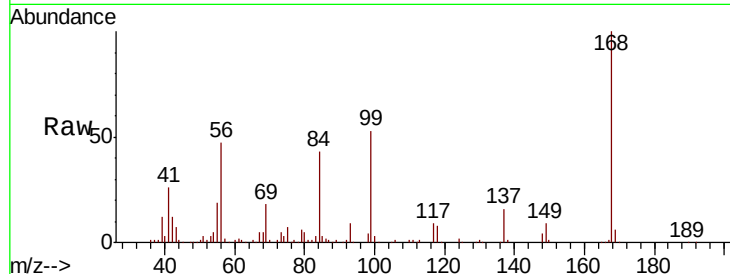




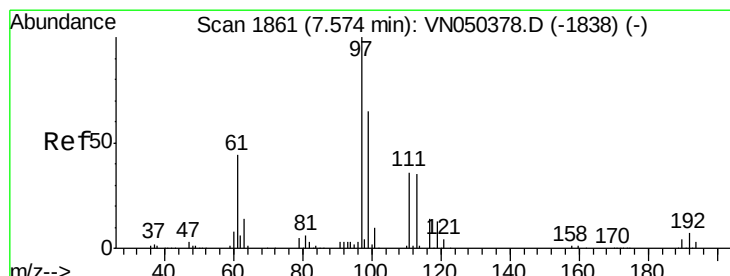
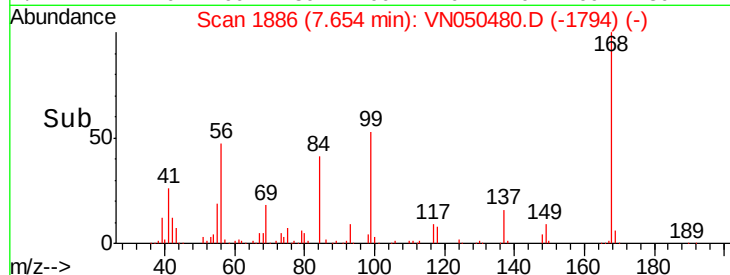
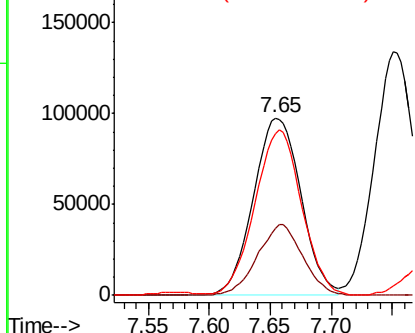
#31  
Cyclohexane  
Concen: 18.24 ug/l  
RT: 7.65 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 264794  
Ion Ratio Lower Upper  
56 100  
69 37.9 26.2 39.4  
84 90.3 67.4 101.0

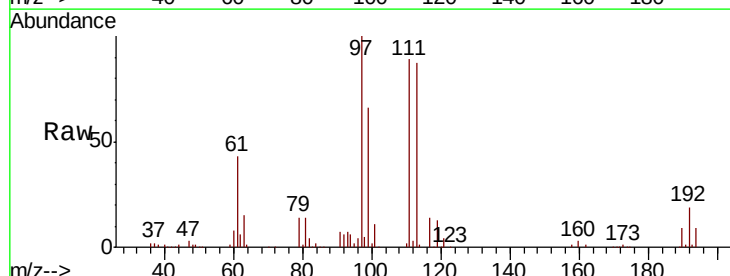


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

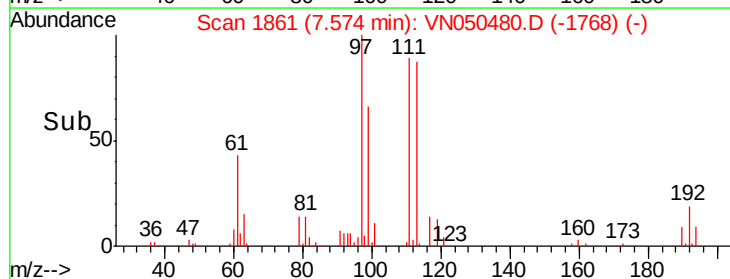
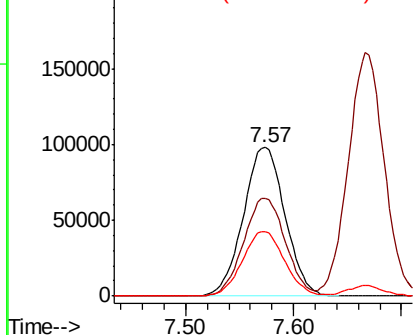


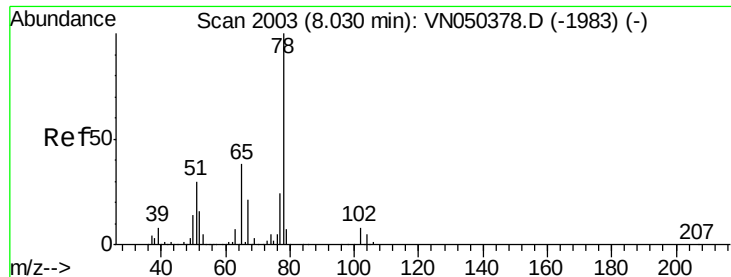
#32  
1,1,1-Trichloroethane  
Concen: 18.99 ug/l  
RT: 7.57 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 97 Resp: 263169  
Ion Ratio Lower Upper  
97 100  
99 66.0 51.4 77.0  
61 44.0 35.4 53.0



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

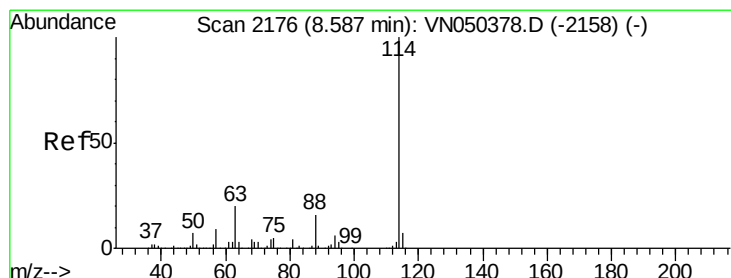
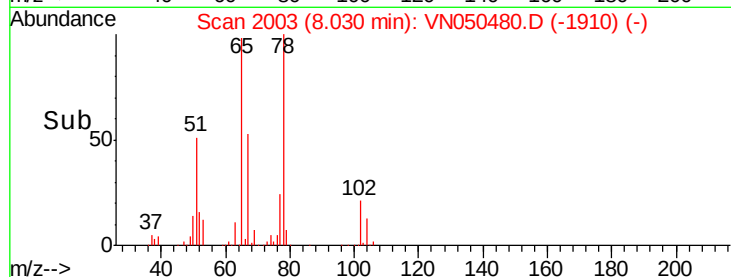
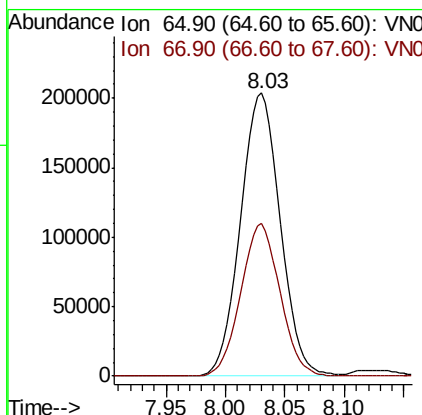
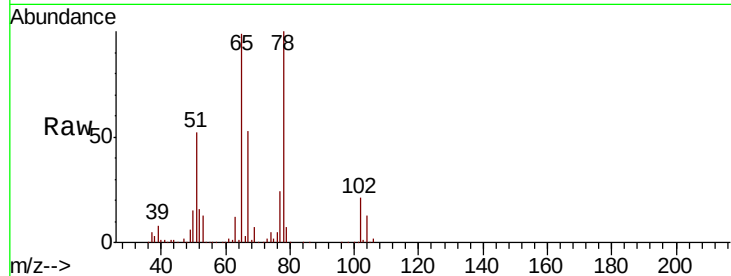




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.59 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

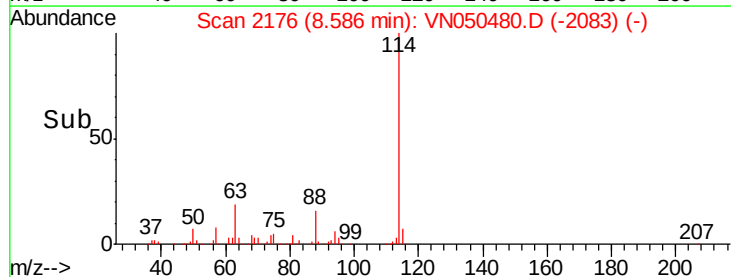
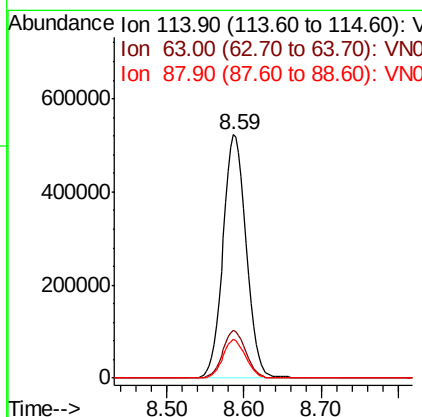
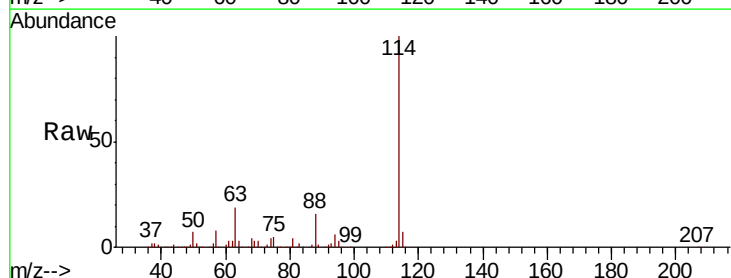
Instrument :  
 MSVOA\_N  
 ClientSampleId :

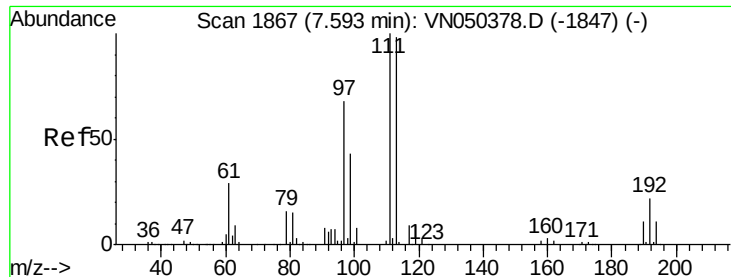
Tot Ion: 65 Resp: 471636  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 108.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion:114 Resp: 1089062  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 40.0  
 88 15.8 0.0 31.2

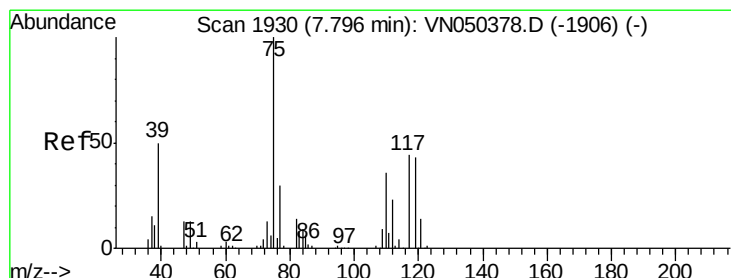
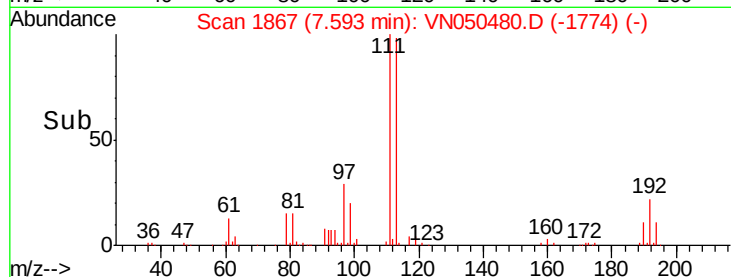
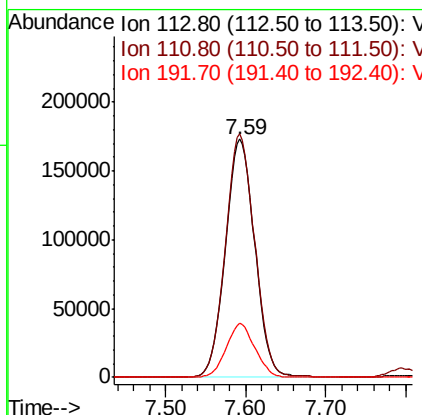
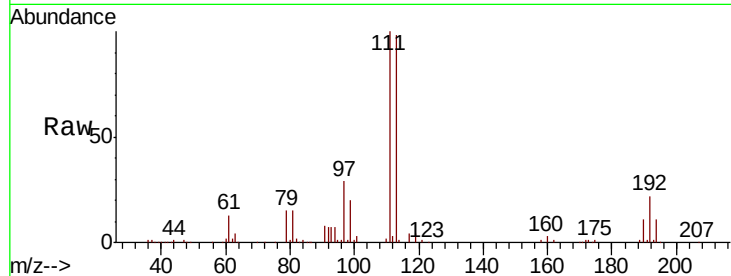




#35  
 Dibromofluoromethane  
 Concen: 49.71 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

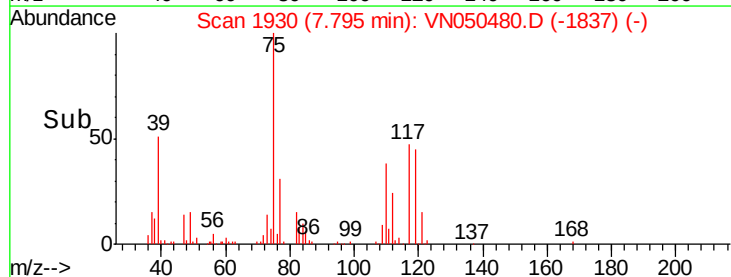
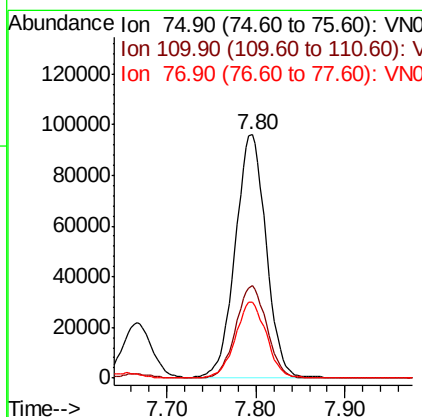
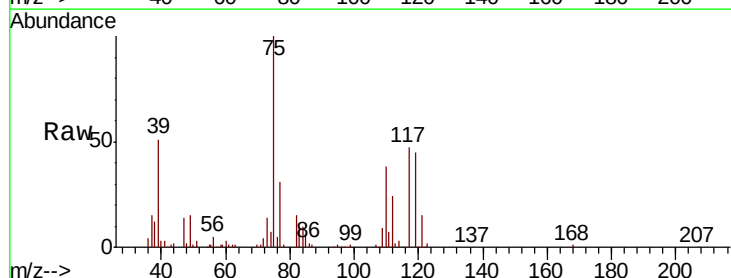
Instrument :  
 MSVOA\_N  
 ClientSampleId :

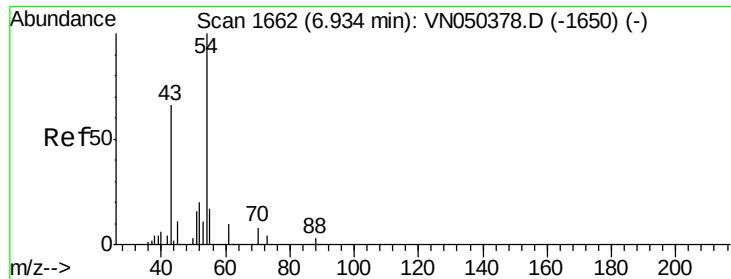
Tot Ion:113 Resp: 434408  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 80.7 121.1  
 192 22.2 17.8 26.6



#36  
 1,1-Dichloropropene  
 Concen: 19.24 ug/l  
 RT: 7.80 min Scan# 1930  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion: 75 Resp: 230228  
 Ion Ratio Lower Upper  
 75 100  
 110 38.1 18.4 55.2  
 77 31.7 25.3 37.9

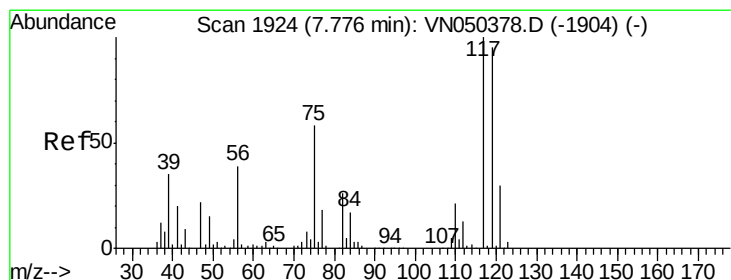
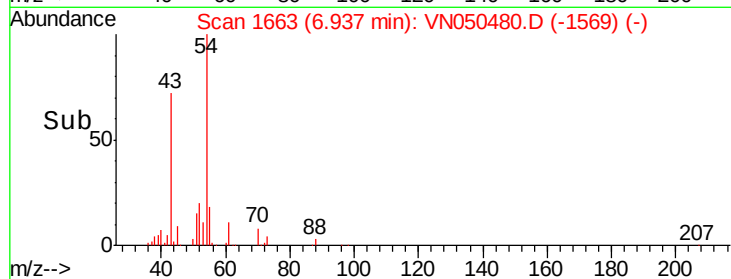
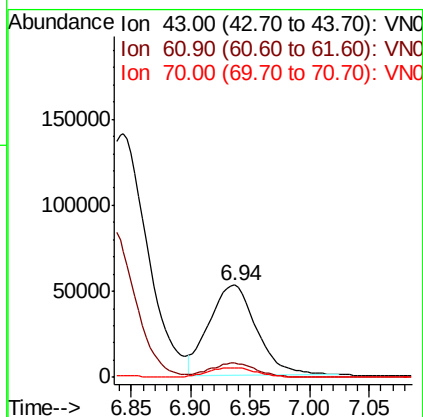
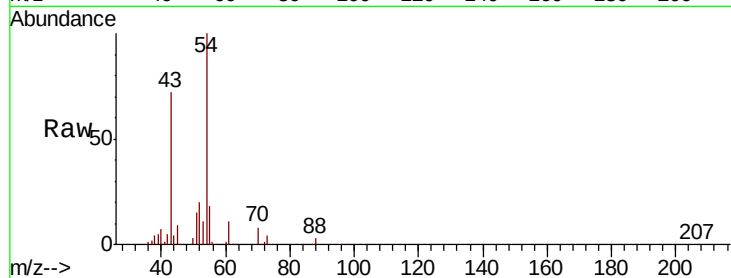




#37  
Ethyl Acetate  
Concen: 17.02 ug/l  
RT: 6.94 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

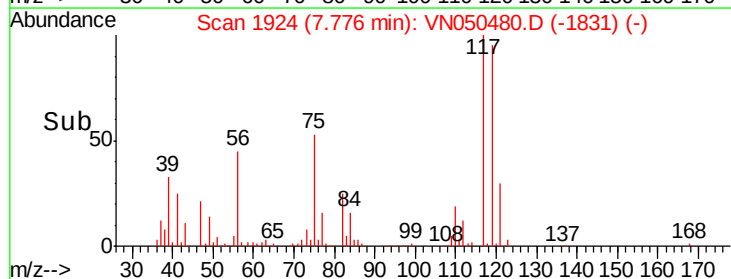
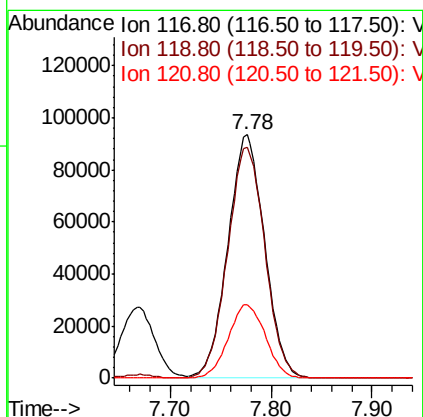
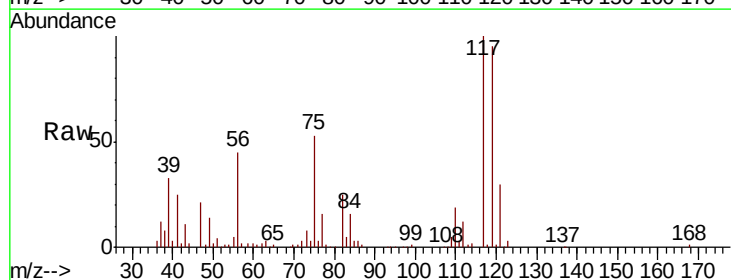
Instrument :  
MSVOA\_N  
ClientSampleId :

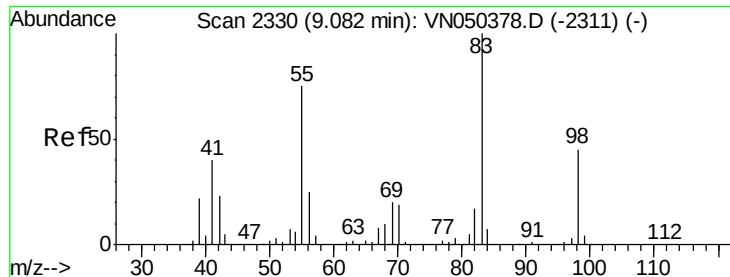
Tot Ion: 43 Resp: 146683  
Ion Ratio Lower Upper  
43 100  
61 15.1 11.8 17.8  
70 11.2 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 18.96 ug/l  
RT: 7.78 min Scan# 1924  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 117 Resp: 236618  
Ion Ratio Lower Upper  
117 100  
119 94.7 77.4 116.0  
121 30.1 23.9 35.9

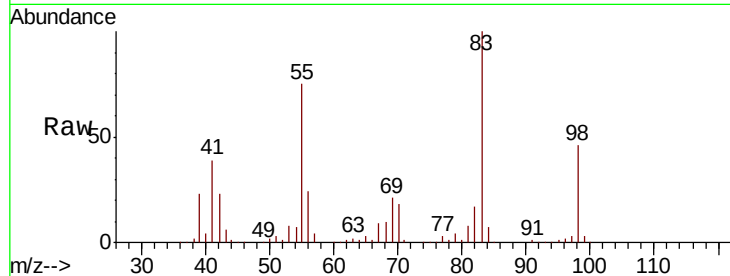




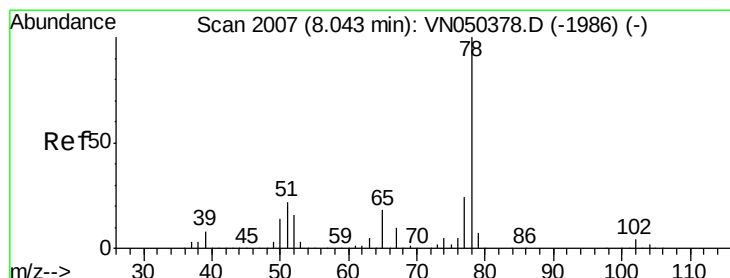
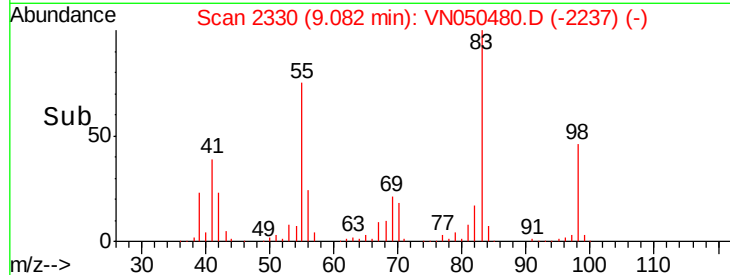
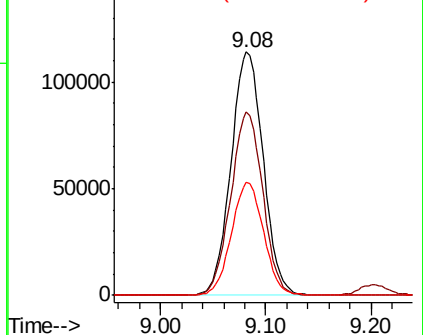
#39  
Methylvlcyclohexane  
Concen: 18.49 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 241542  
Ion Ratio Lower Upper  
83 100  
55 75.3 61.8 92.8  
98 46.5 36.5 54.7

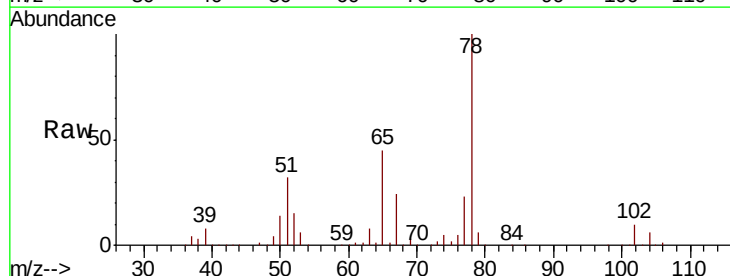


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

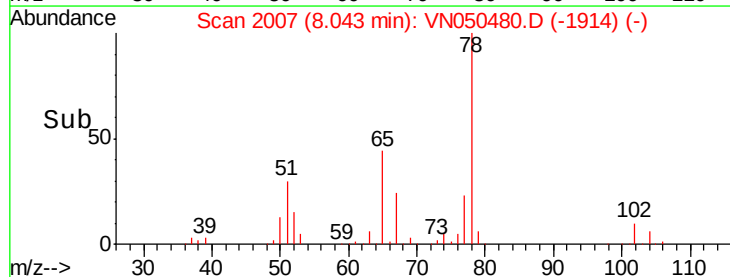
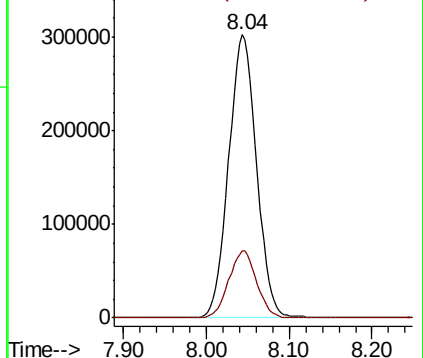


#40  
Benzene  
Concen: 19.23 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

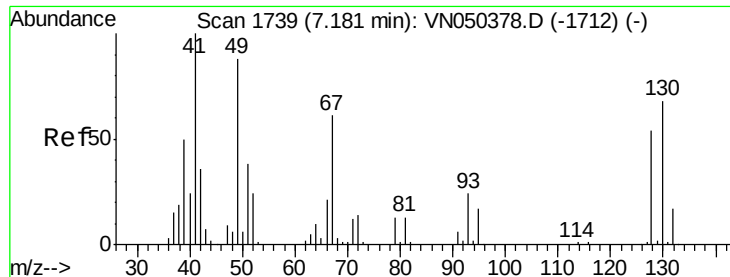
Tgt Ion: 78 Resp: 707345  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.7 28.1



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



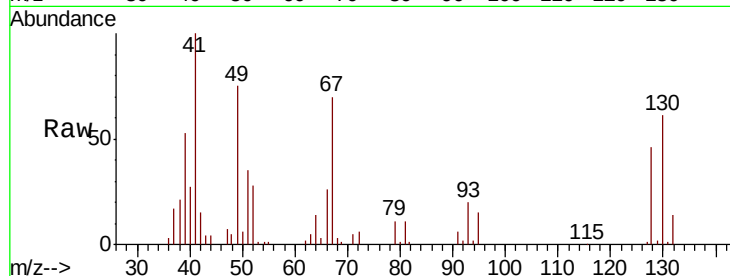




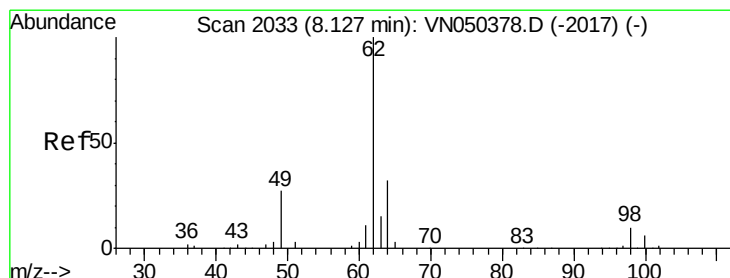
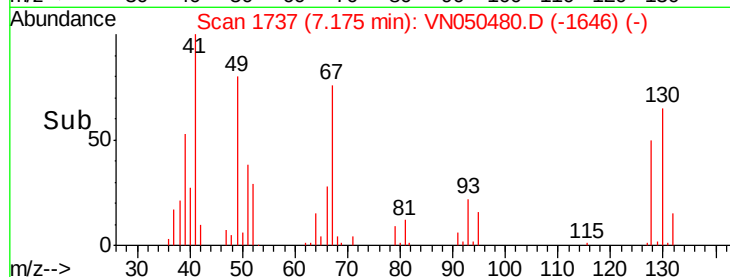
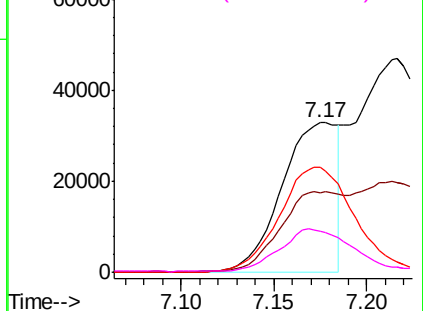
#41  
Methacrylonitrile  
Concen: 15.02 ug/l  
RT: 7.17 min Scan# 1737  
Delta R.T. -0.01 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 68828  
Ion Ratio Lower Upper  
41 100  
39 59.5 55.8 83.6  
67 94.8 84.3 126.5  
52 37.1 34.2 51.2

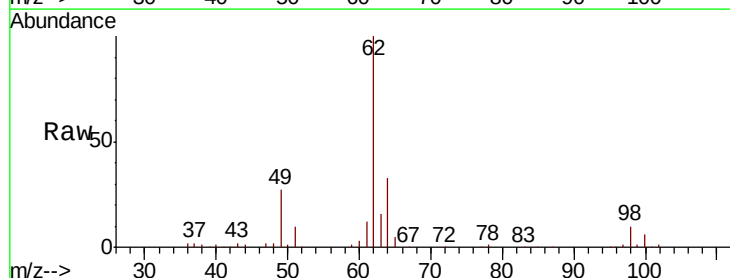


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

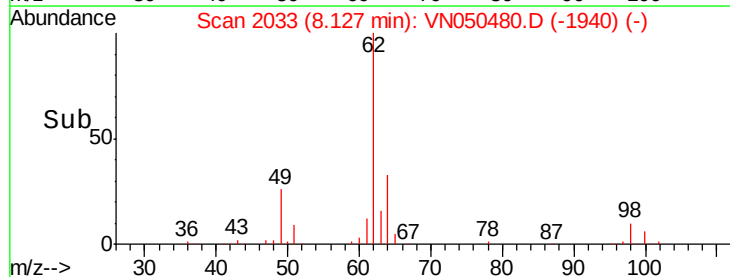
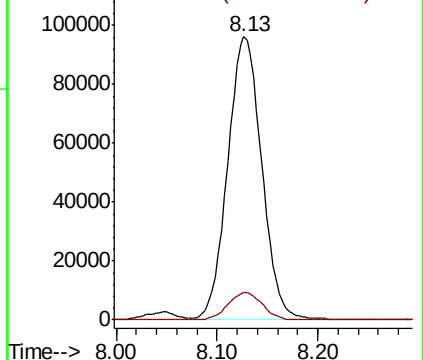


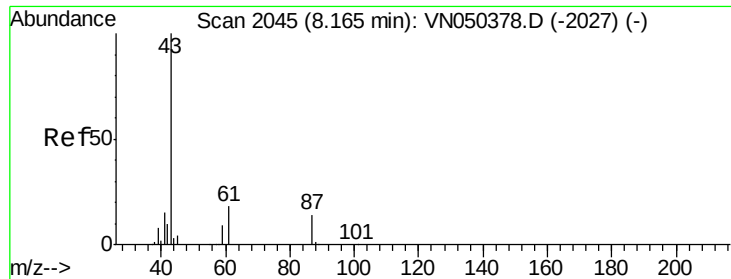
#42  
1,2-Dichloroethane  
Concen: 19.27 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 62 Resp: 225090  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 18.8



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





#43

Isopropyl Acetate

Concen: 17.61 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

ClientSampled :

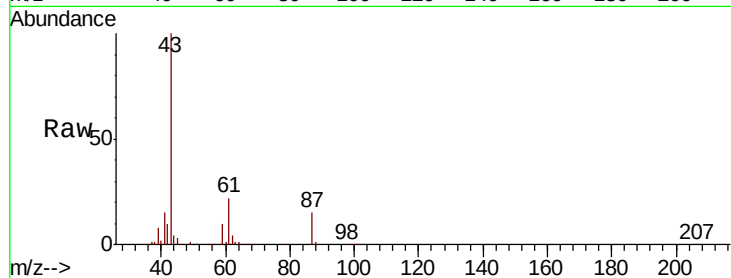
Tot Ion: 43 Resp: 262034

Ion Ratio Lower Upper

43 100

61 20.9 15.8 23.6

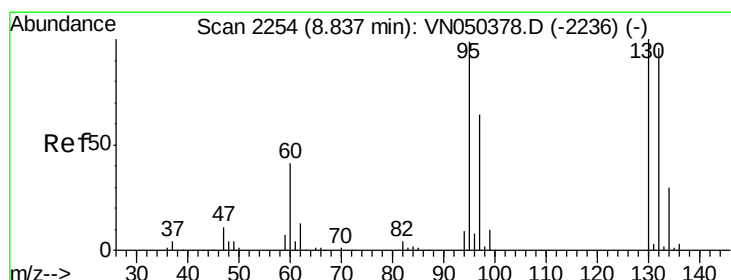
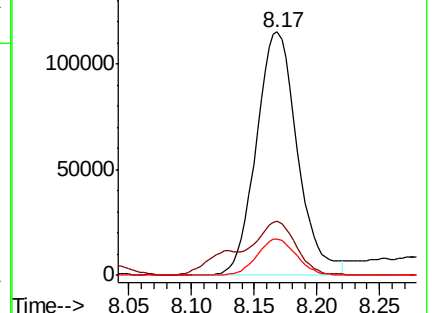
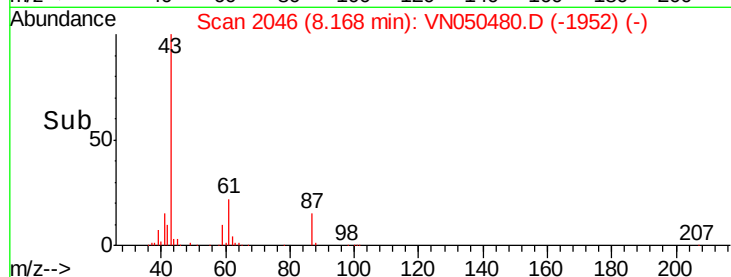
87 14.5 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#44

Trichloroethene

Concen: 19.21 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050480.D

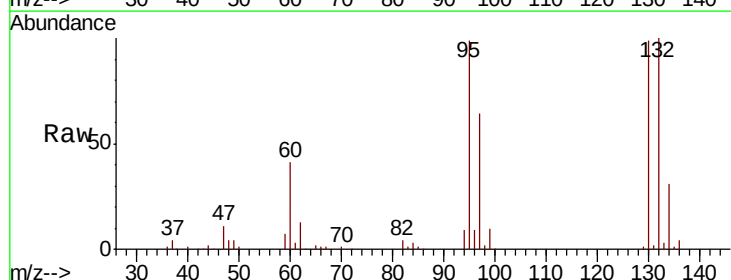
Acq: 9 Aug 2018 12:58

Tgt Ion:130 Resp: 189869

Ion Ratio Lower Upper

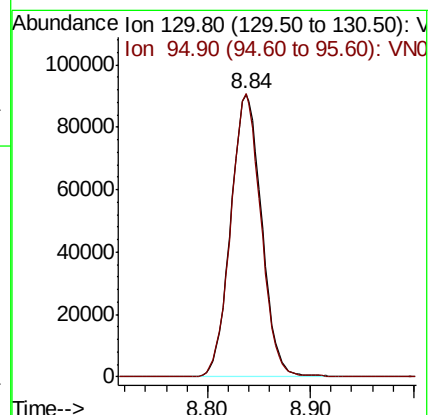
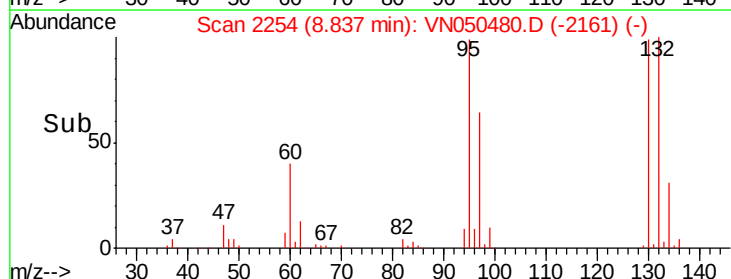
130 100

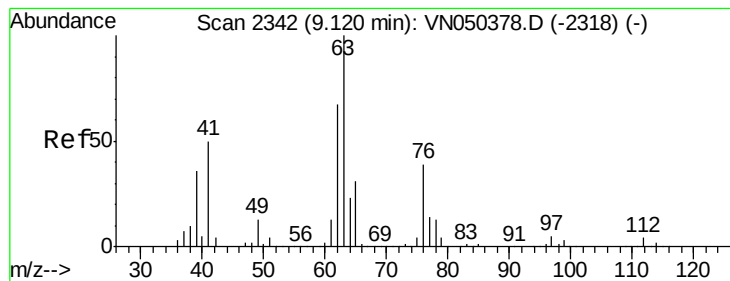
95 100.1 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050378.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050378.D (-2236) (-)





#45

1,2-Dichloropropane

Concen: 19.14 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

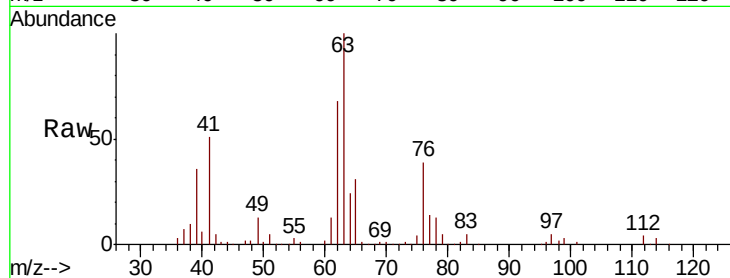
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 63 Resp: 185154

Ion Ratio Lower Upper

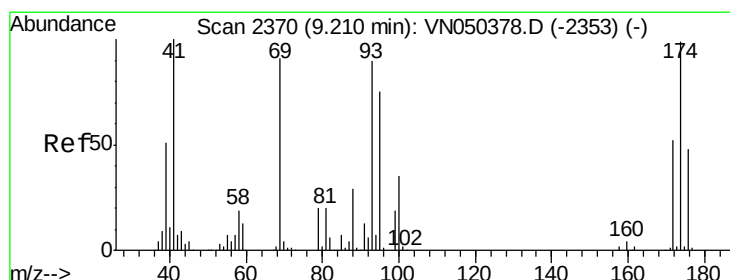
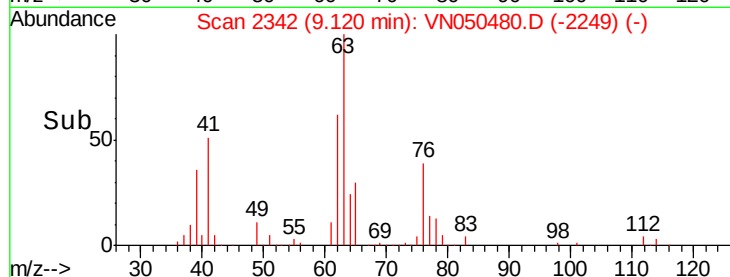
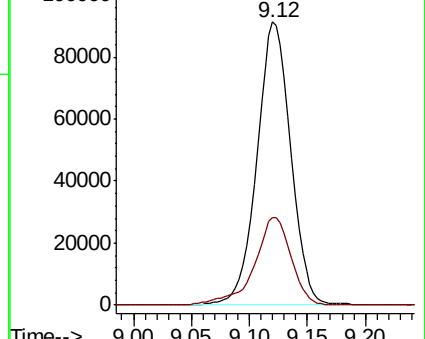
63 100

65 30.9 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN050480.D (-2249) (-)

Ion 64.90 (64.60 to 65.60): VN050480.D (-2249) (-)



#46

Dibromomethane

Concen: 18.59 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

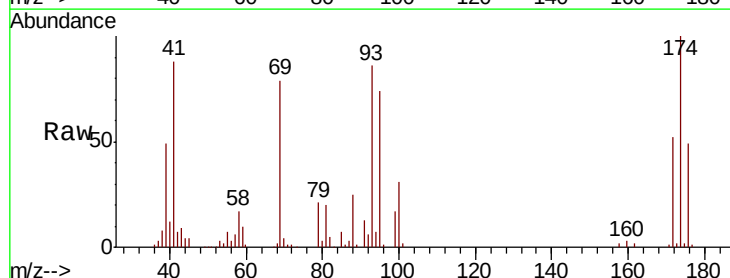
Tgt Ion: 93 Resp: 111019

Ion Ratio Lower Upper

93 100

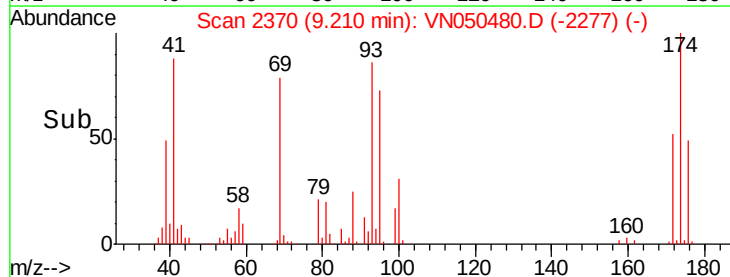
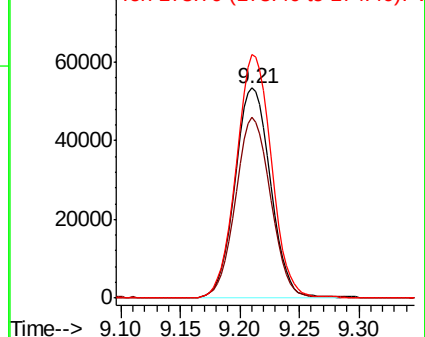
95 85.2 66.6 100.0

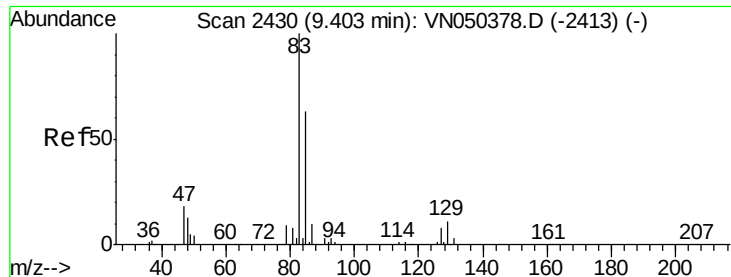
174 115.0 87.1 130.7



Abundance Ion 92.80 (92.50 to 93.50): VN050480.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN050480.D (-2277) (-)





#47

Bromodichloromethane

Concen: 18.90 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampleId :

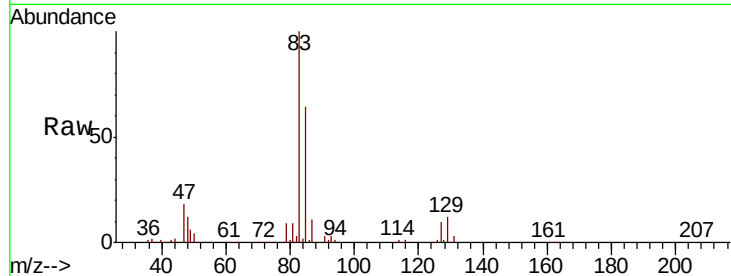
Tot Ion: 83 Resp: 233780

Ion Ratio Lower Upper

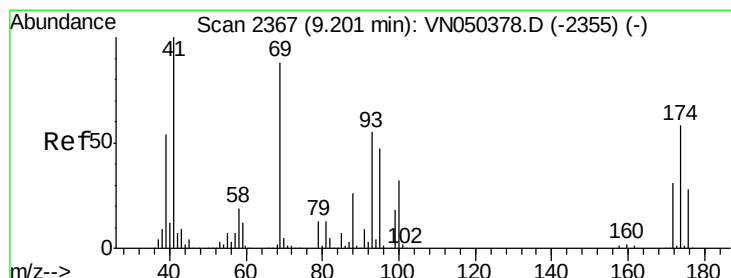
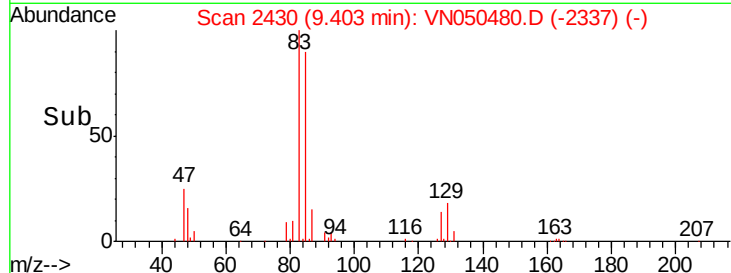
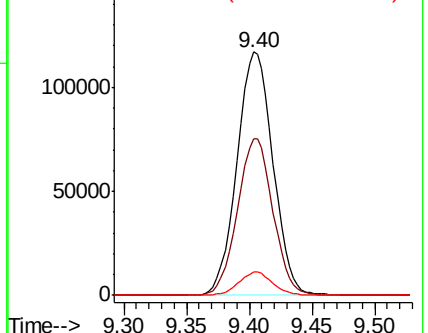
83 100

85 64.4 51.1 76.7

127 9.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 17.37 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

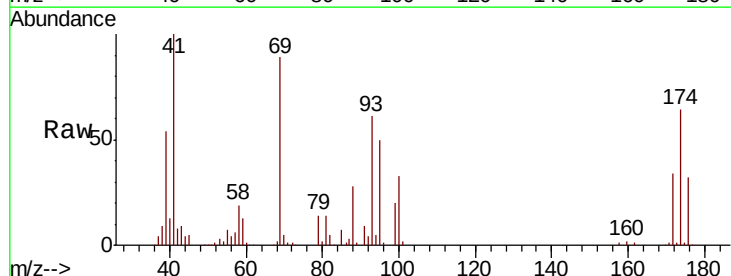
Tgt Ion: 41 Resp: 129514

Ion Ratio Lower Upper

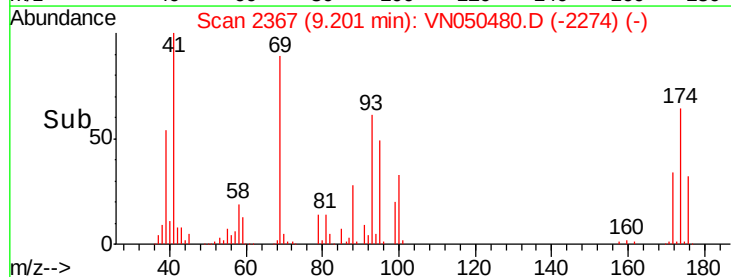
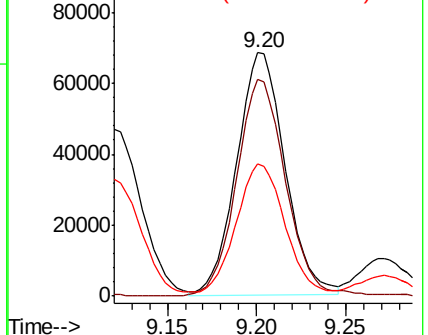
41 100

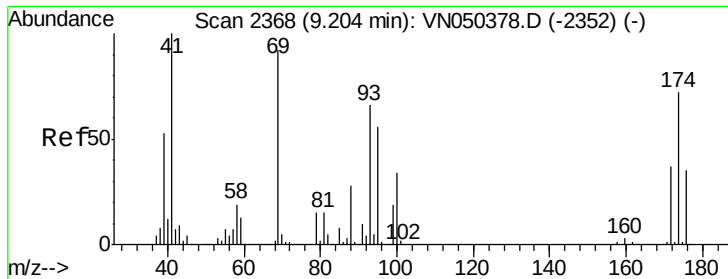
69 89.7 70.6 105.8

39 55.0 43.9 65.9



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

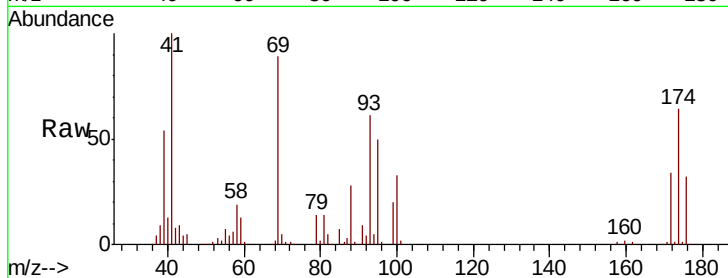




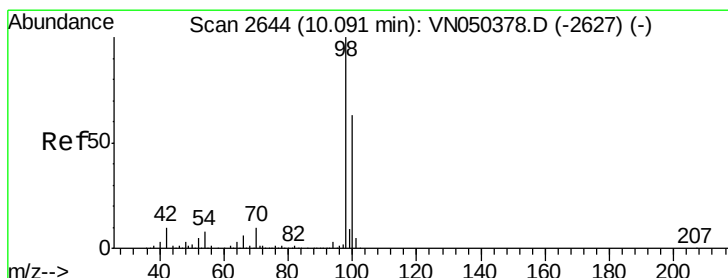
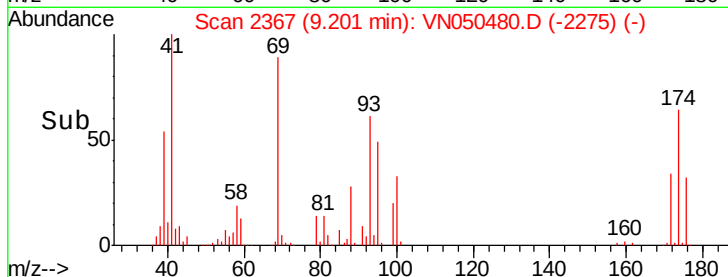
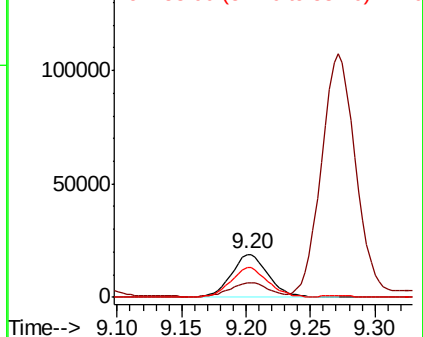
#49  
 1,4-Dioxane  
 Concen: 330.18 ug/l  
 RT: 9.20 min Scan# 2367  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 88 Resp: 37946  
 Ion Ratio Lower Upper  
 88 100  
 43 32.5 26.9 40.3  
 58 69.6 57.3 85.9

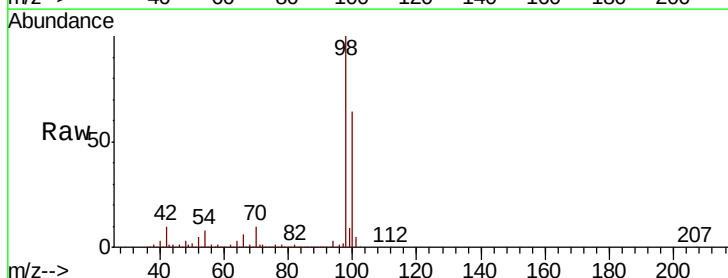


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

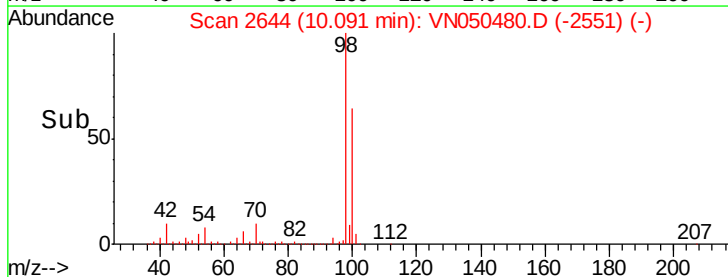
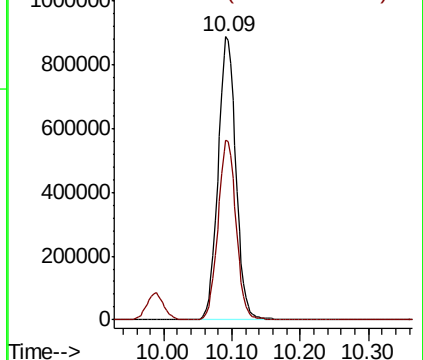


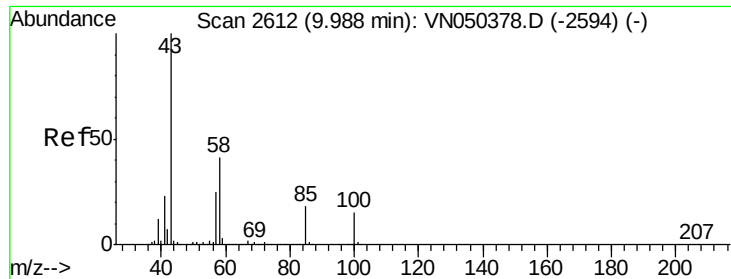
#50  
 Toluene-d8  
 Concen: 48.96 ug/l  
 RT: 10.09 min Scan# 2644  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion: 98 Resp: 1608711  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 50.7 76.1



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

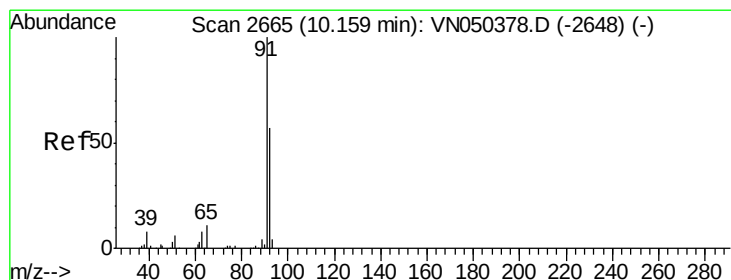
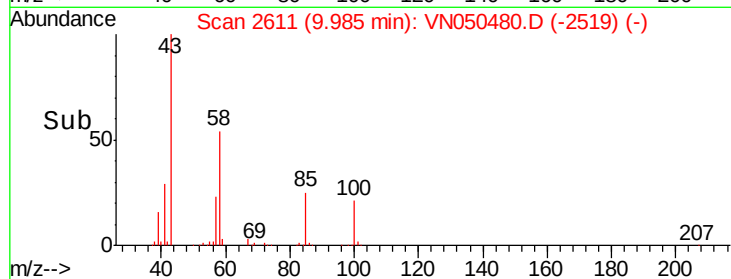
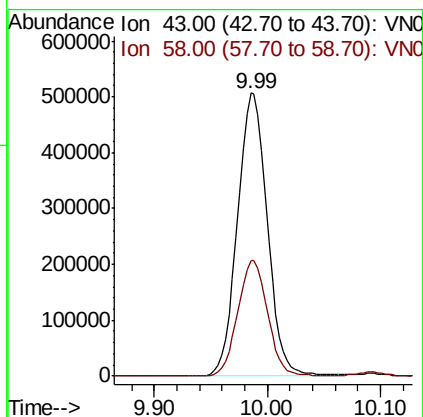
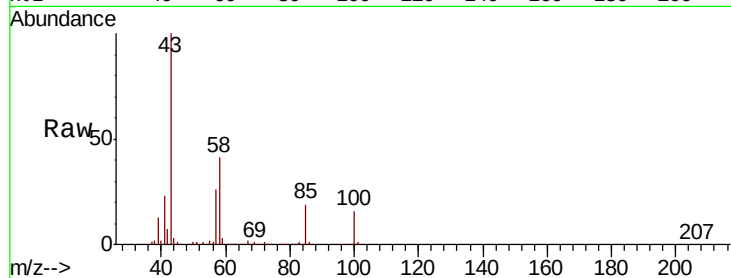




#51  
4-Methyl-2-Pentanone  
Concen: 86.77 ug/l  
RT: 9.99 min Scan# 2611  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

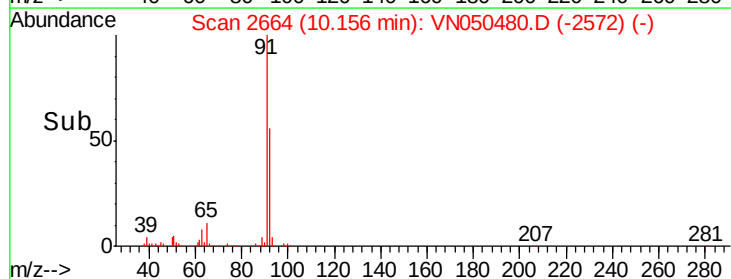
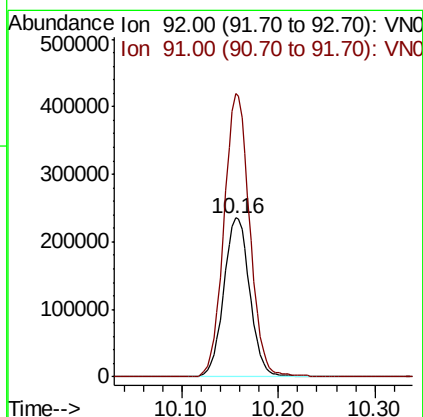
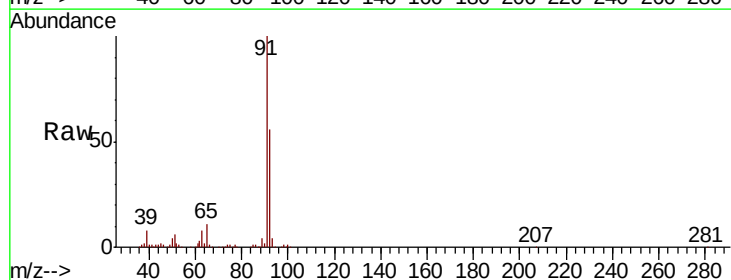
Instrument :  
MSVOA\_N  
ClientSampled :

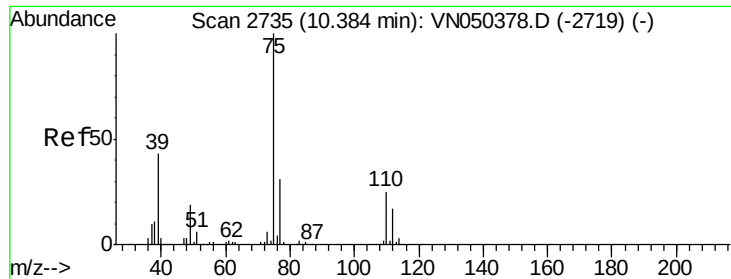
Tot Ion: 43 Resp: 929596  
Ion Ratio Lower Upper  
43 100  
58 41.1 31.9 47.9



#52  
Toluene  
Concen: 19.93 ug/l  
RT: 10.16 min Scan# 2664  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 92 Resp: 440373  
Ion Ratio Lower Upper  
92 100  
91 176.3 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 18.81 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

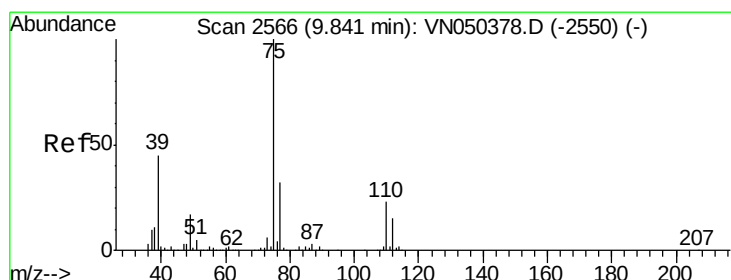
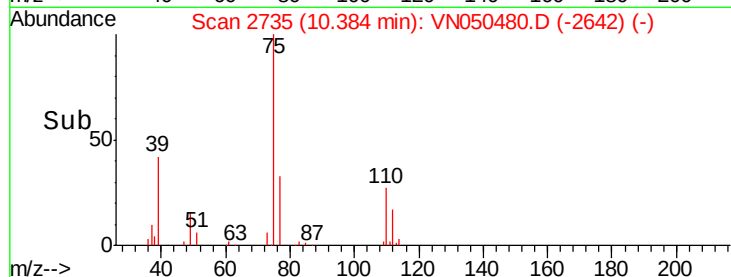
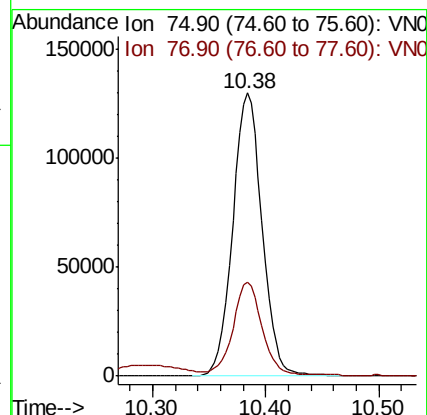
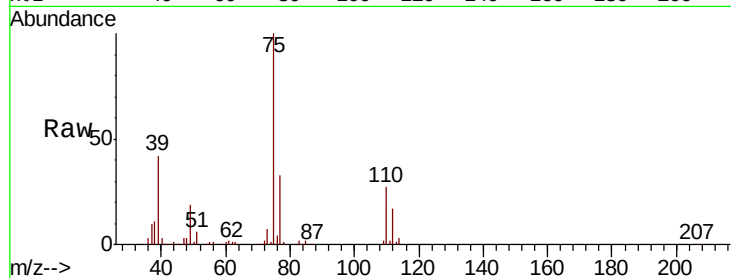
ClientSampled :

Tot Ion: 75 Resp: 233677

Ion Ratio Lower Upper

75 100

77 32.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.57 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

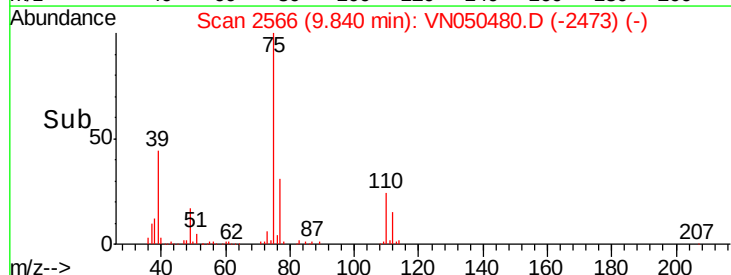
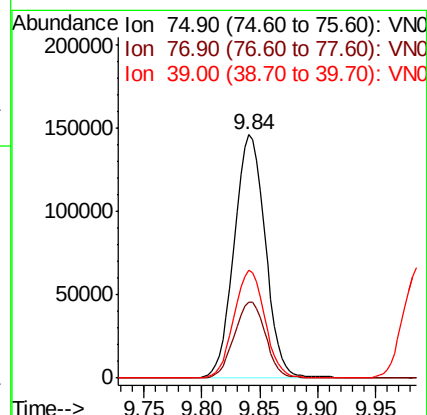
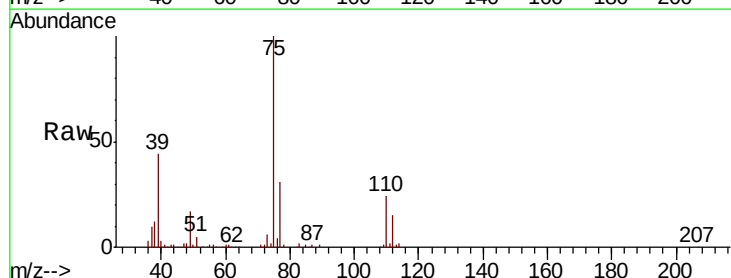
Tgt Ion: 75 Resp: 271346

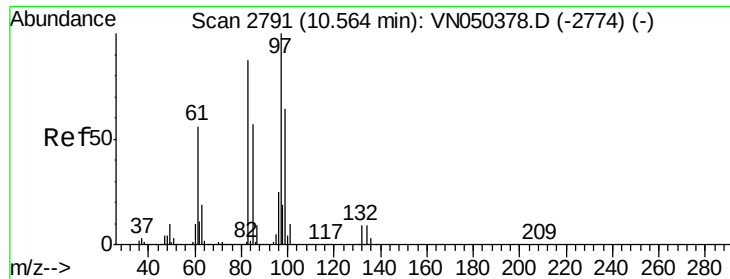
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 44.3 36.6 55.0

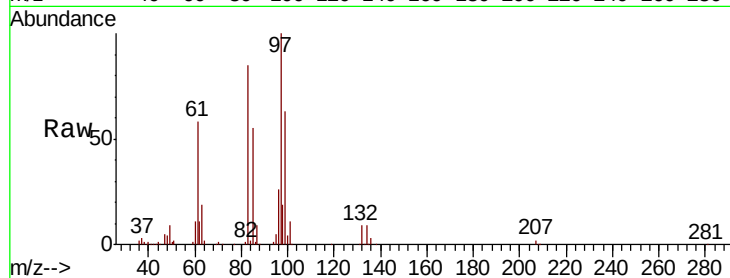




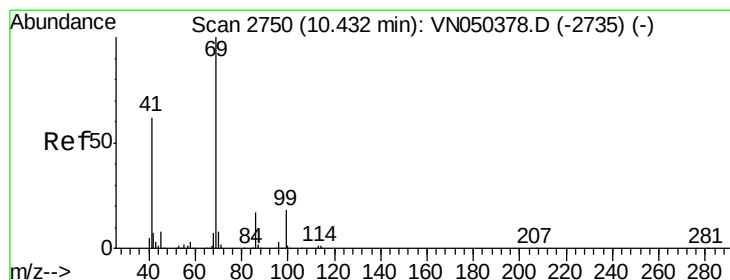
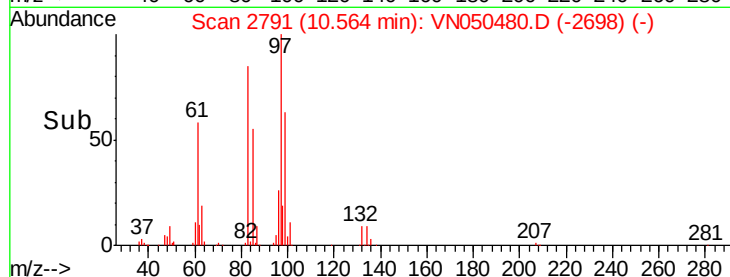
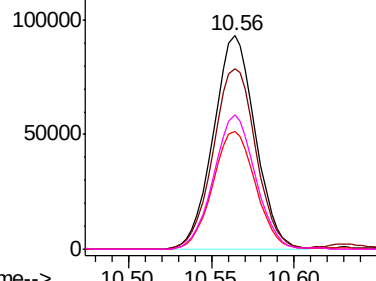
#55  
 1,1,2-Trichloroethane  
 Concen: 18.94 ug/l  
 RT: 10.56 min Scan# 2791  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 163415 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.7  | 69.2  | 103.8  |
| 85       | 55.2  | 44.0  | 66.0   |
| 99       | 62.9  | 49.9  | 74.9   |

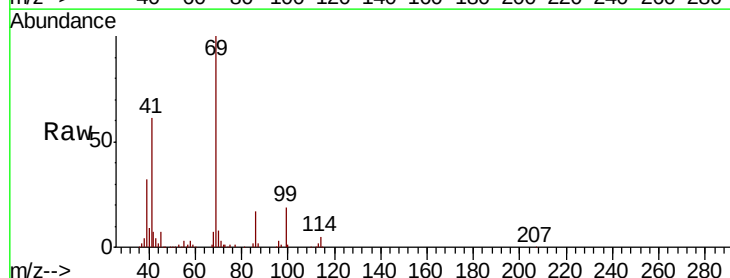


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

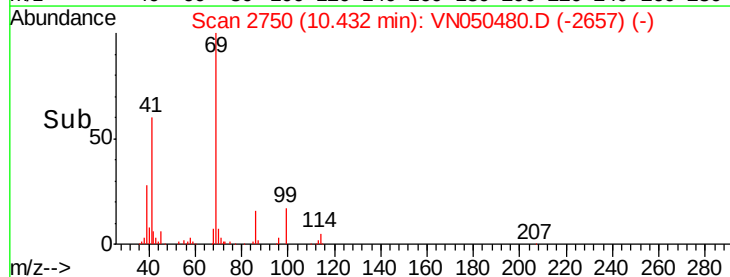
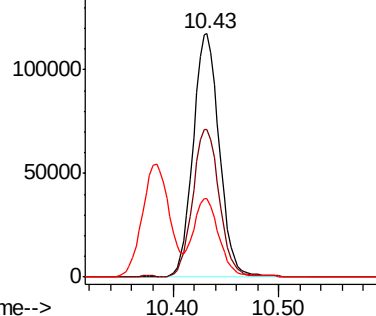


#56  
 Ethyl methacrylate  
 Concen: 17.73 ug/l  
 RT: 10.43 min Scan# 2750  
 Delta R.T. 0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

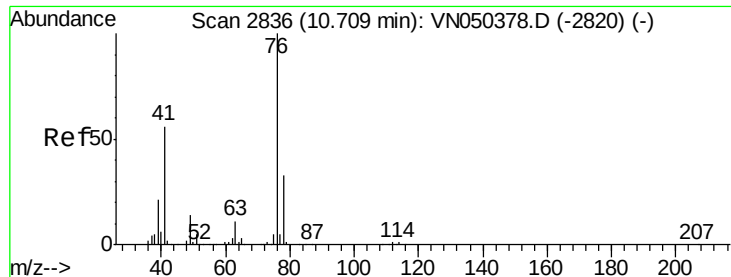
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 202537 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.9  | 51.0  | 76.4   |
| 39       | 30.9  | 26.6  | 40.0   |



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: 19.02 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

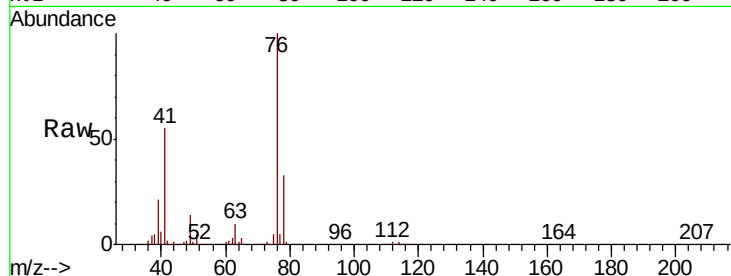
ClientSampleId :

Tot Ion: 76 Resp: 269386

Ion Ratio Lower Upper

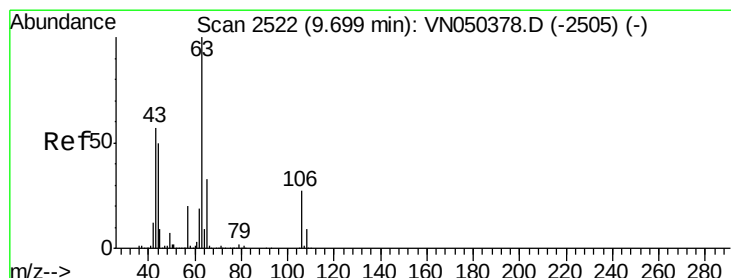
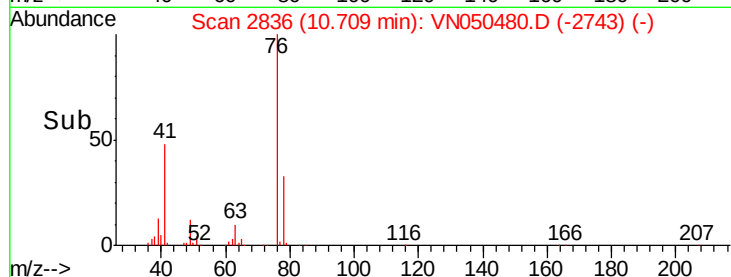
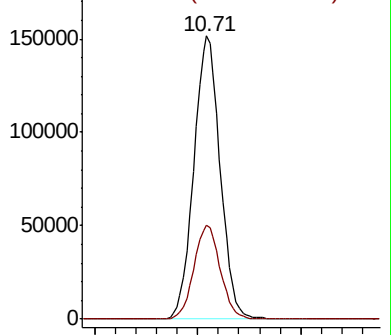
76 100

78 33.3 25.7 38.5



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: 87.68 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050480.D

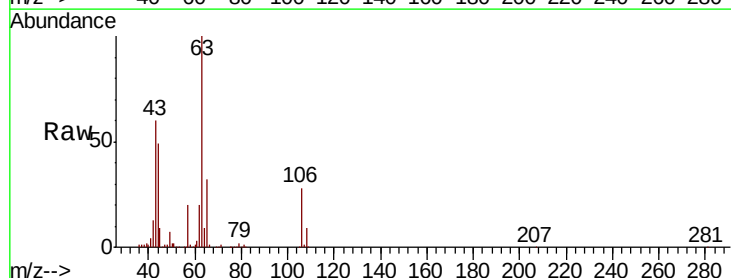
Acq: 9 Aug 2018 12:58

Tgt Ion: 63 Resp: 470783

Ion Ratio Lower Upper

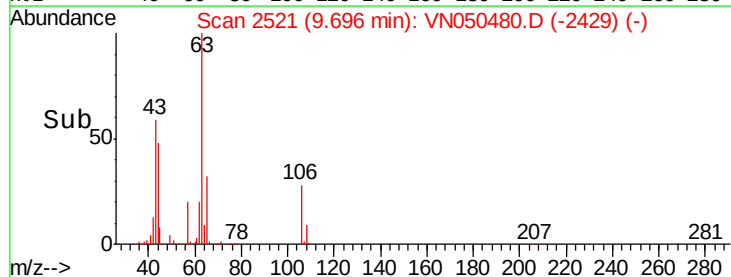
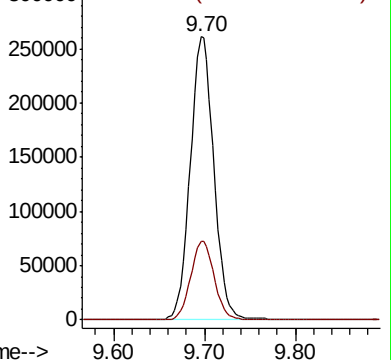
63 100

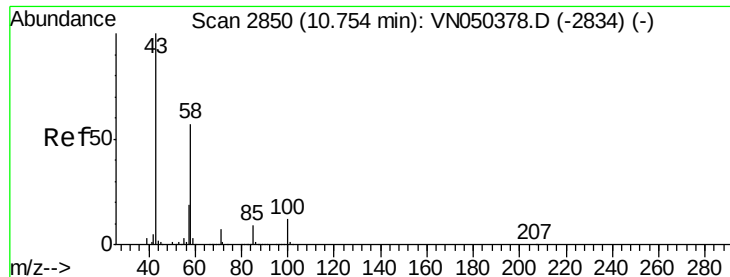
106 27.7 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

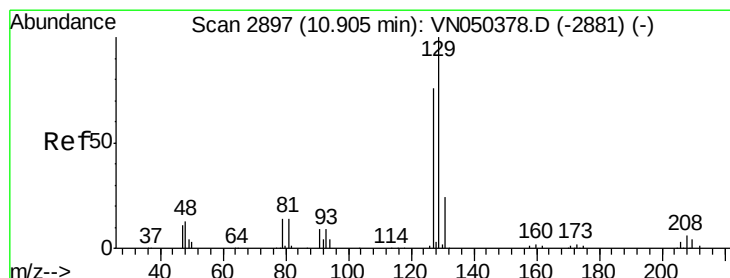
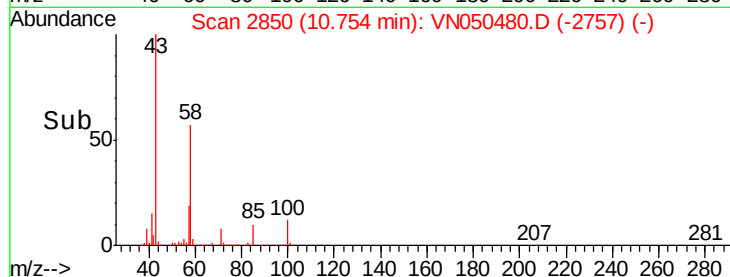
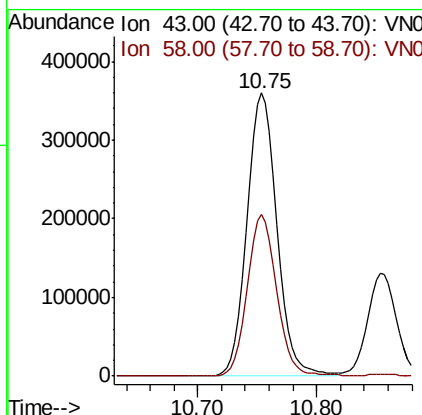
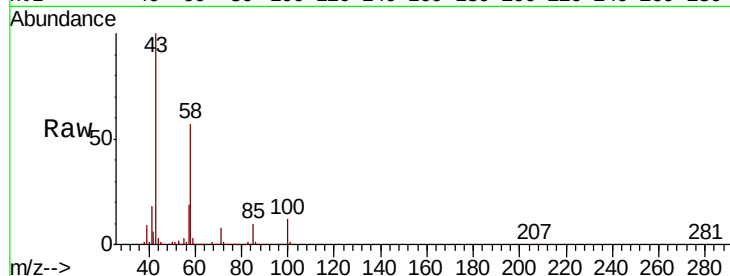




#59  
2-Hexanone  
Concen: 83.97 ug/l  
RT: 10.75 min Scan# 2850  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

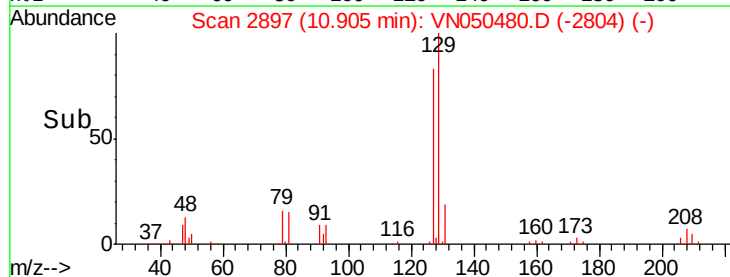
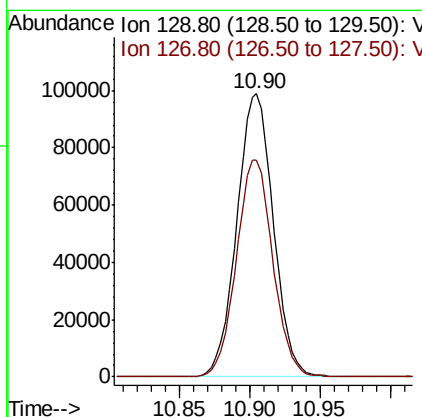
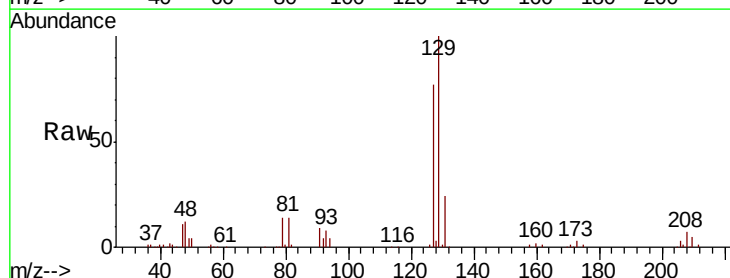
Instrument :  
MSVOA\_N  
ClientSampled :

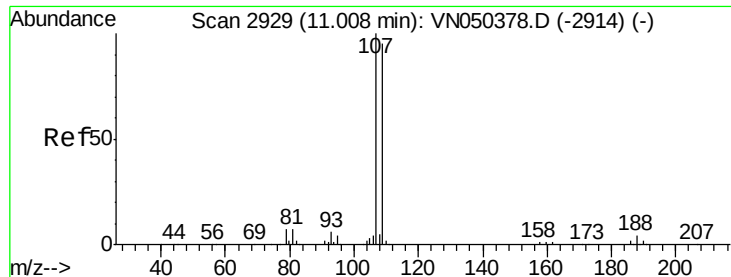
Tot Ion: 43 Resp: 627797  
Ion Ratio Lower Upper  
43 100  
58 56.2 27.6 82.7



#60  
Dibromochloromethane  
Concen: 18.92 ug/l  
RT: 10.90 min Scan# 2897  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 129 Resp: 179811  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.0 113.9

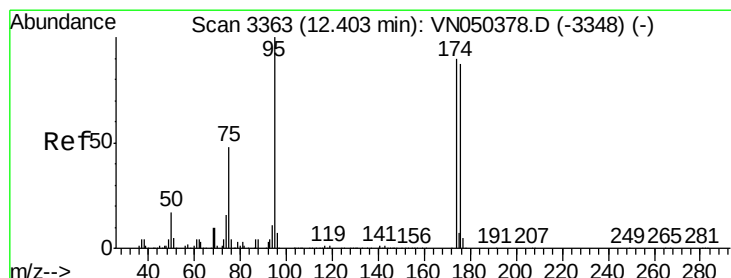
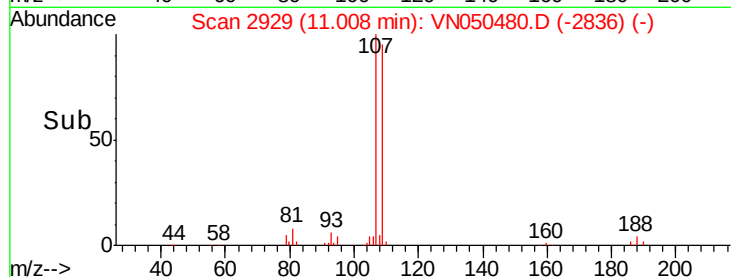
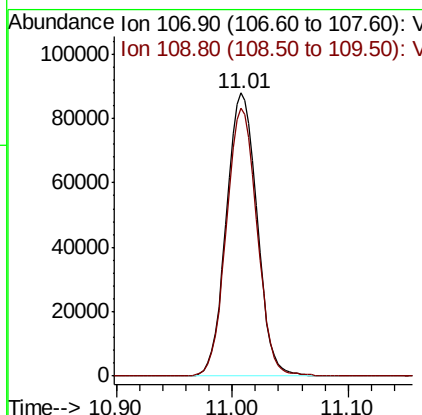
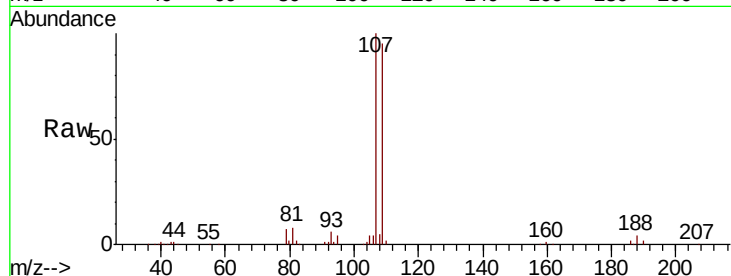




#61  
 1,2-Dibromoethane  
 Concen: 18.92 ug/l  
 RT: 11.01 min Scan# 2929  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

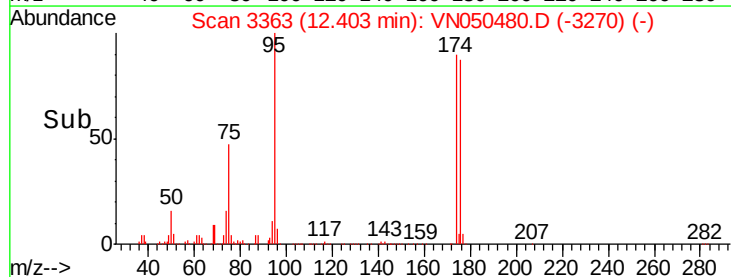
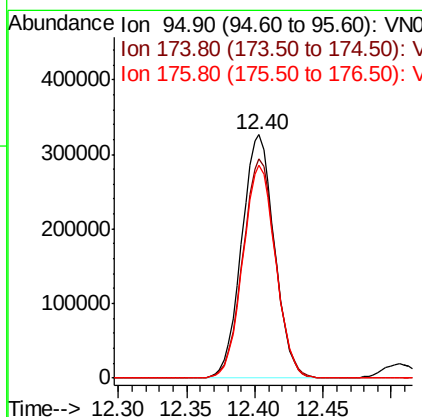
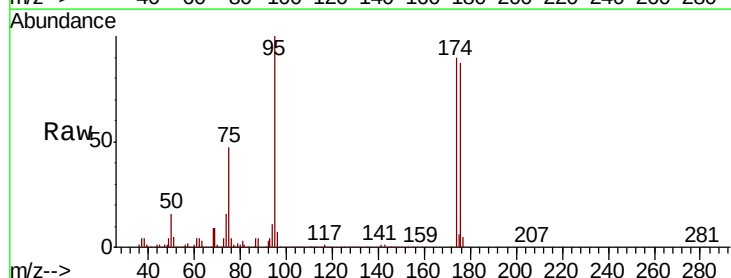
Instrument :  
 MSVOA\_N  
 ClientSampleId :

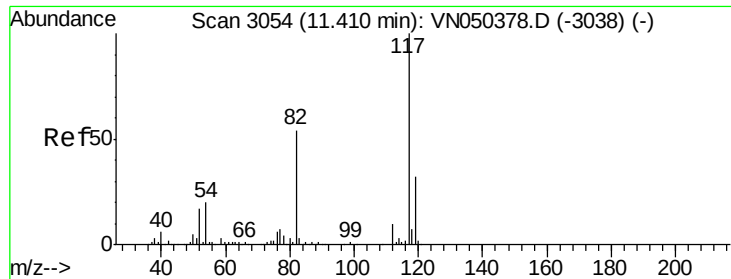
Tot Ion:107 Resp: 160912  
 Ion Ratio Lower Upper  
 107 100  
 109 94.4 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 48.57 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion: 95 Resp: 543914  
 Ion Ratio Lower Upper  
 95 100  
 174 90.2 0.0 178.2  
 176 87.5 0.0 173.4

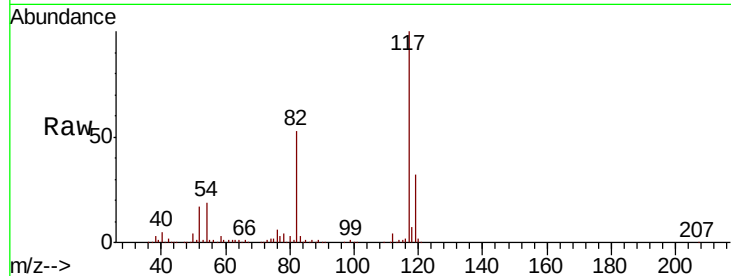




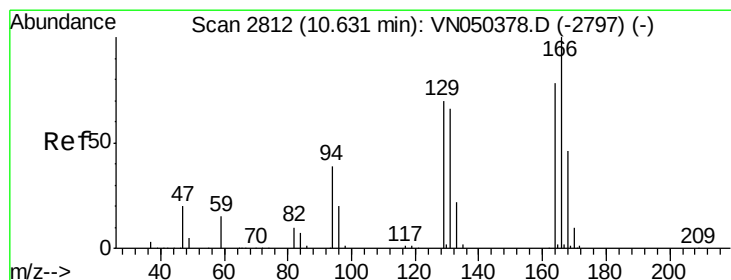
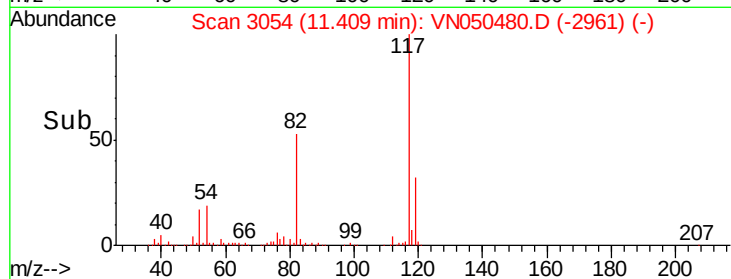
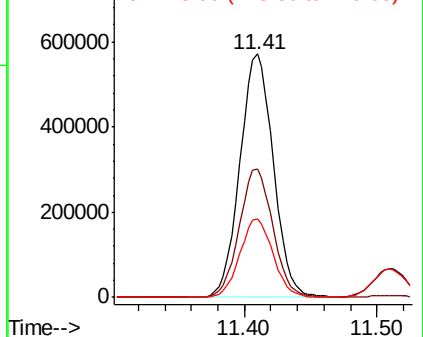
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 1000546  
Ion Ratio Lower Upper  
117 100  
82 52.9 43.7 65.5  
119 32.3 26.1 39.1

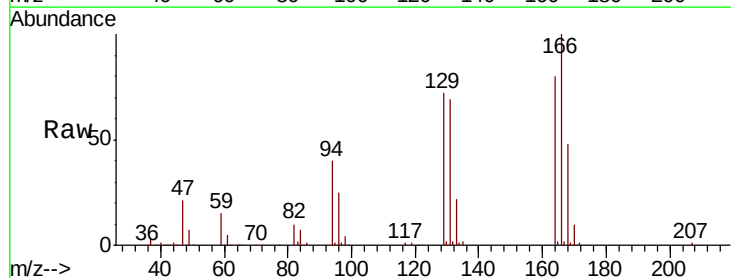


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

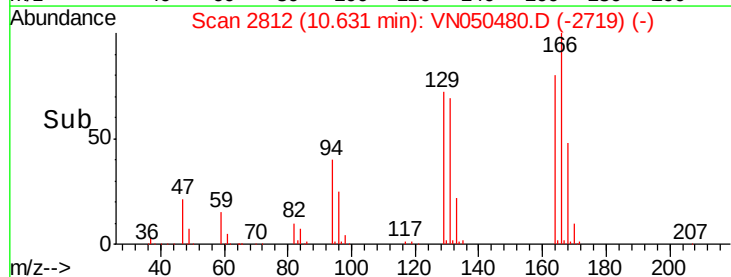
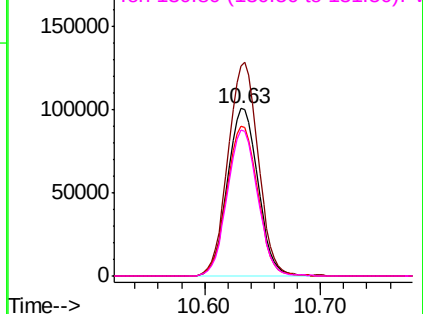


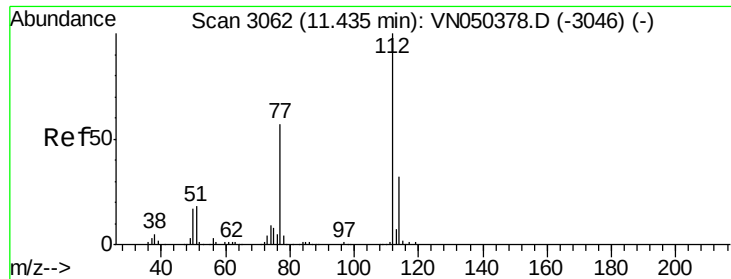
#64  
Tetrachloroethene  
Concen: 19.65 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion:164 Resp: 183687  
Ion Ratio Lower Upper  
164 100  
166 125.2 102.1 153.1  
129 89.7 73.2 109.8  
131 86.8 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

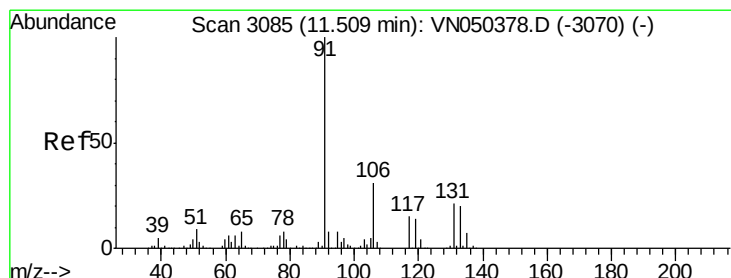
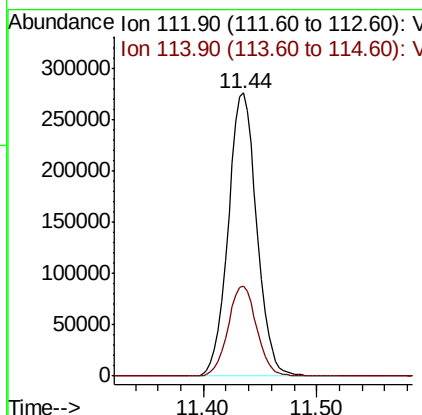
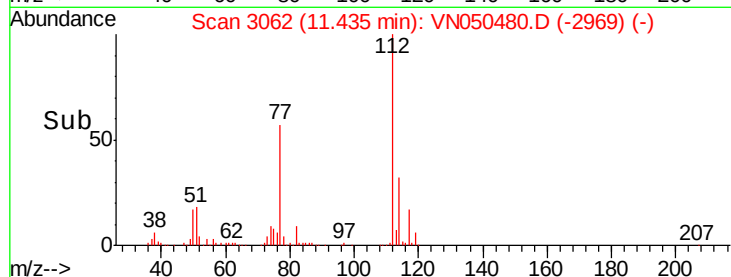
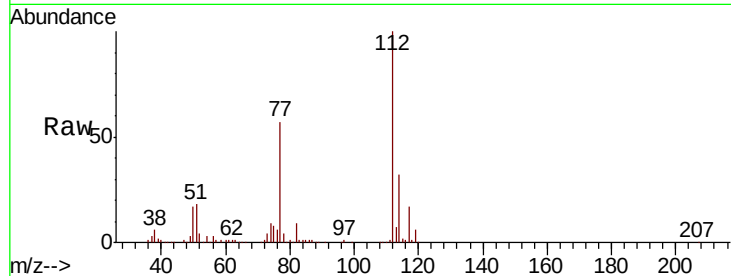




#65  
Chlorobenzene  
Concen: 19.27 ug/l  
RT: 11.44 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

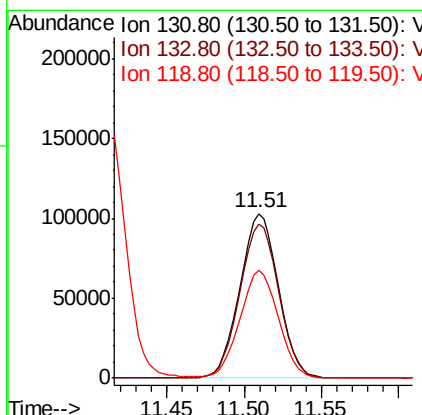
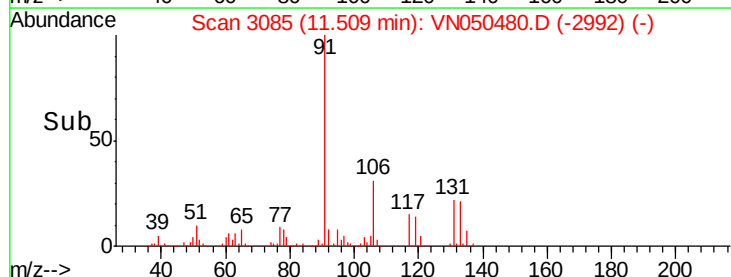
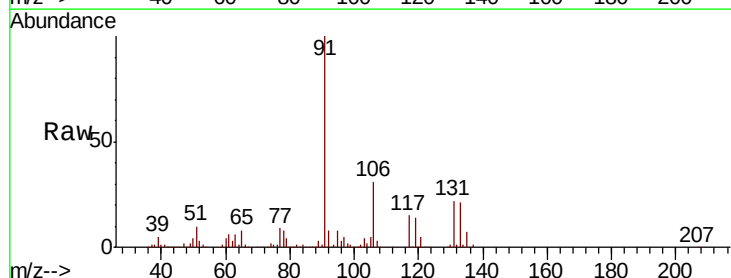
Instrument :  
MSVOA\_N  
ClientSampled :

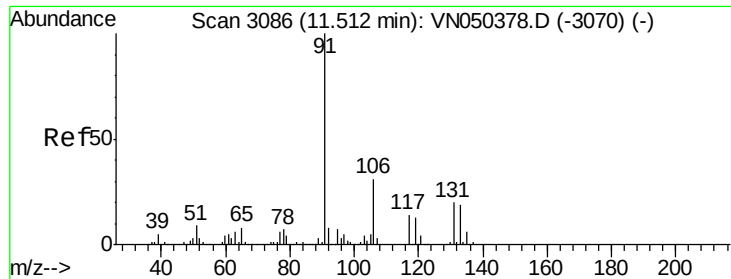
Tot Ion:112 Resp: 483441  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.52 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion:131 Resp: 178219  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.3 141.9  
119 65.7 32.9 98.7





#67

Ethyl Benzene

Concen: 19.91 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

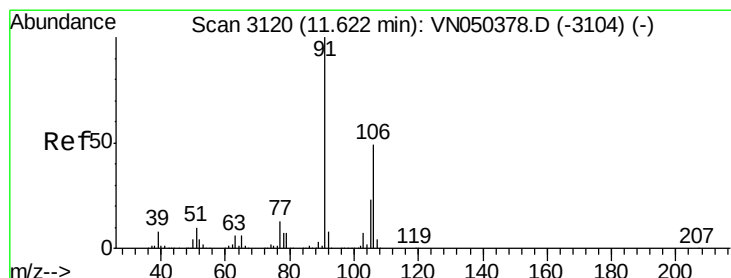
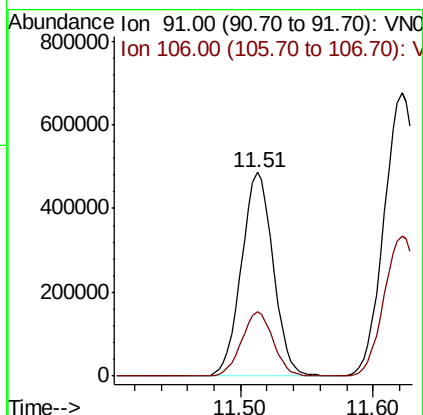
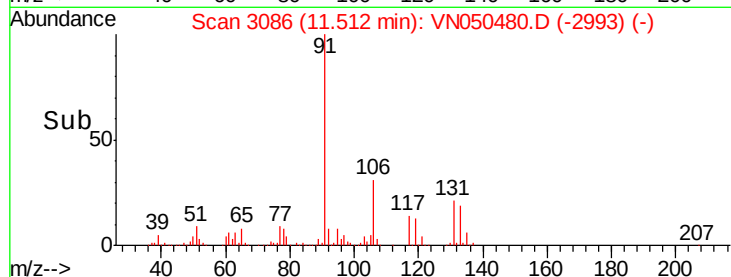
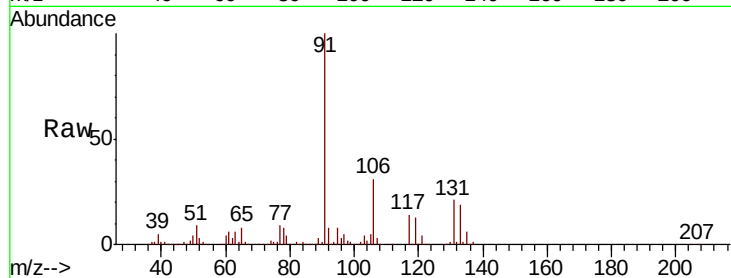
ClientSampleId :

Tot Ion: 91 Resp: 807244

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4



#68

m/p-Xylenes

Concen: 41.12 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050480.D

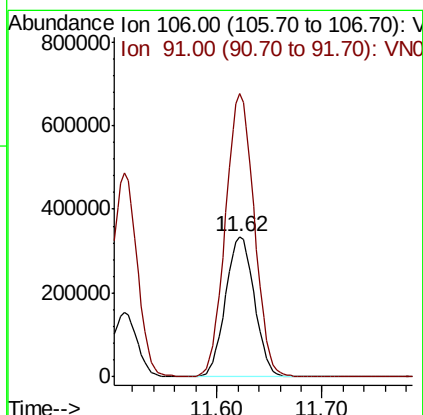
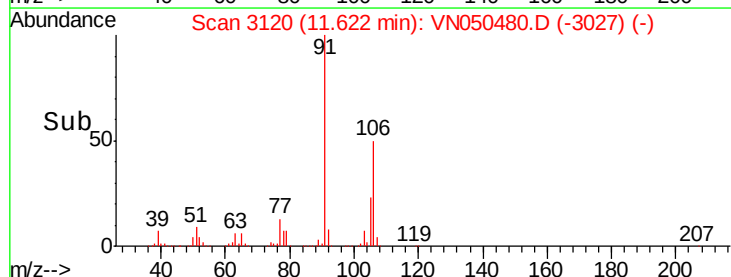
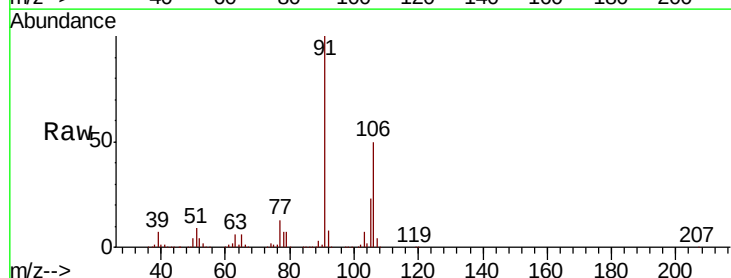
Acq: 9 Aug 2018 12:58

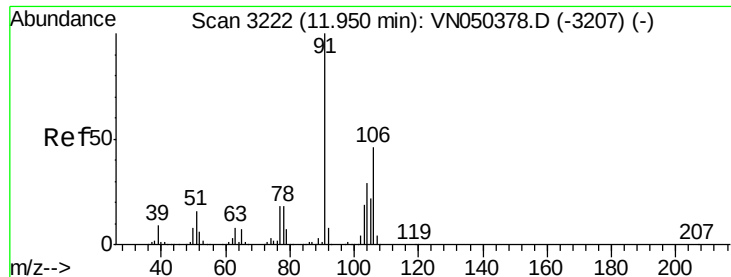
Tgt Ion: 106 Resp: 634687

Ion Ratio Lower Upper

106 100

91 200.5 162.2 243.2

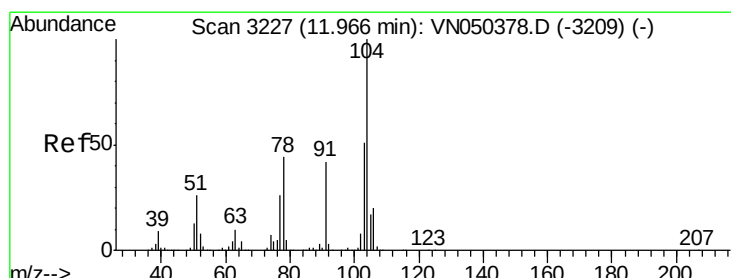
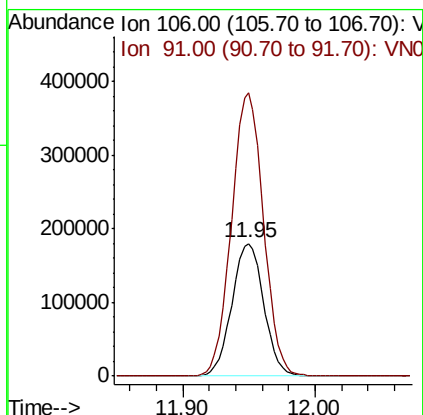
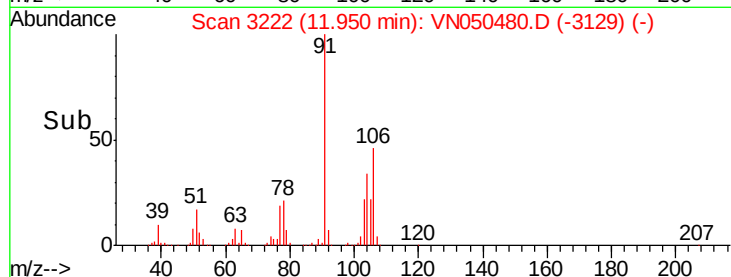
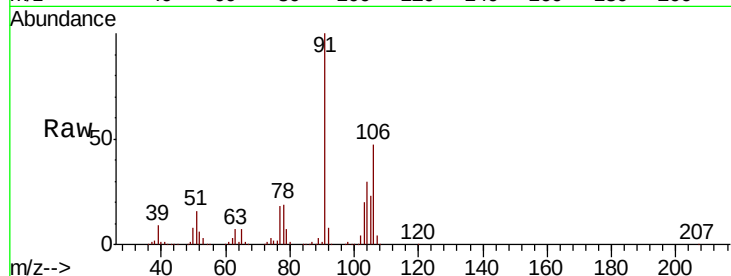




#69  
o-Xylene  
Concen: 20.19 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

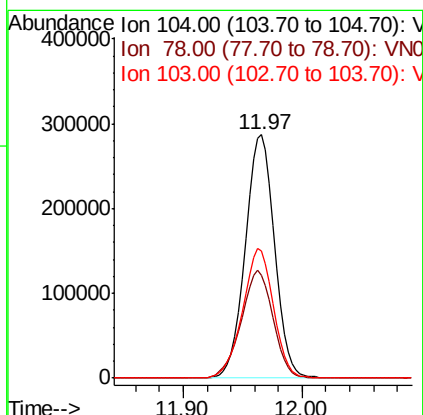
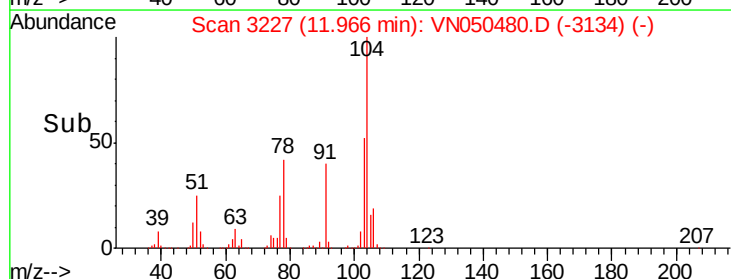
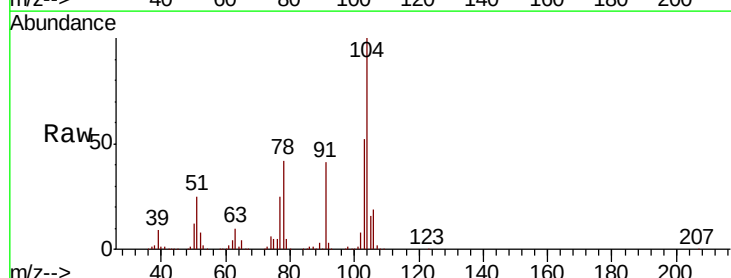
Instrument :  
MSVOA\_N  
ClientSampled :

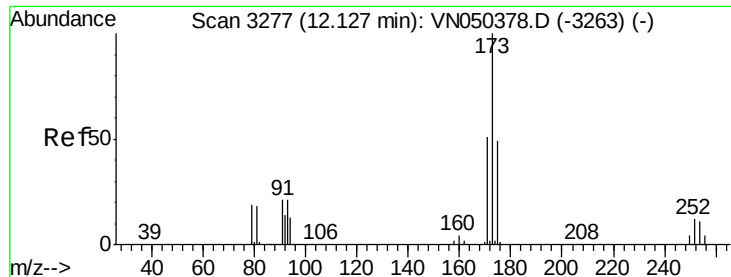
Tot Ion:106 Resp: 300242  
Ion Ratio Lower Upper  
106 100  
91 214.3 107.7 323.1



#70  
Styrene  
Concen: 20.19 ug/l  
RT: 11.97 min Scan# 3227  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion:104 Resp: 488137  
Ion Ratio Lower Upper  
104 100  
78 48.4 39.3 58.9  
103 56.1 45.0 67.6

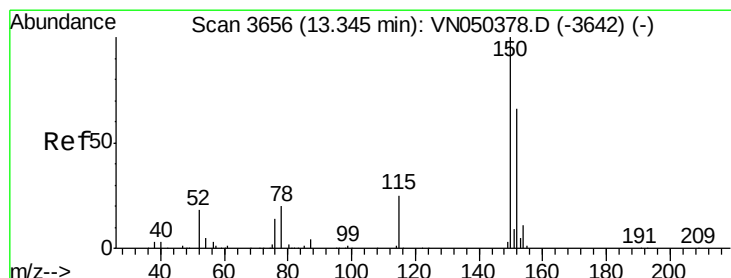
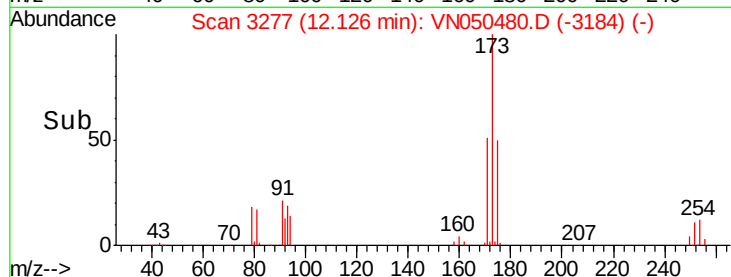
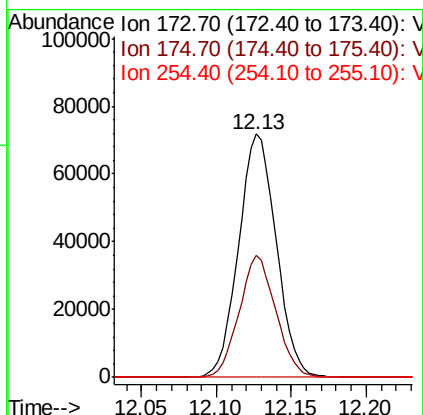
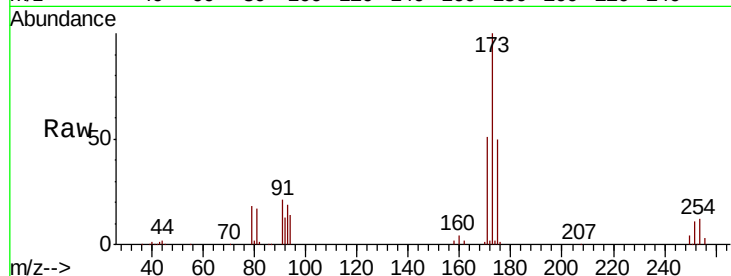




#71  
Bromoform  
Concen: 18.82 ug/l  
RT: 12.13 min Scan# 3277  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

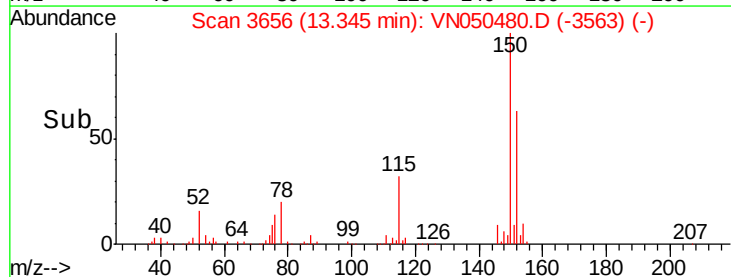
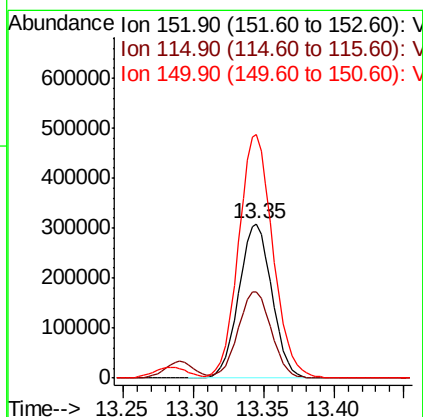
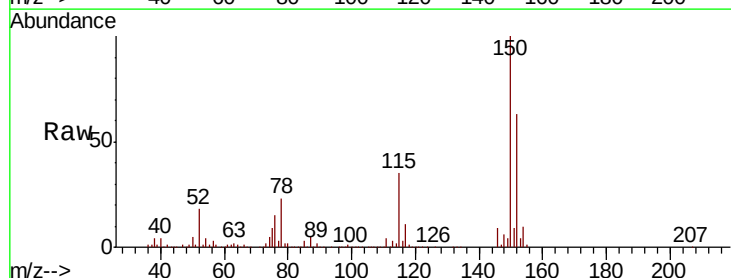
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:173 Resp: 125540  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.1 72.2  
254 0.0 0.2 0.2#

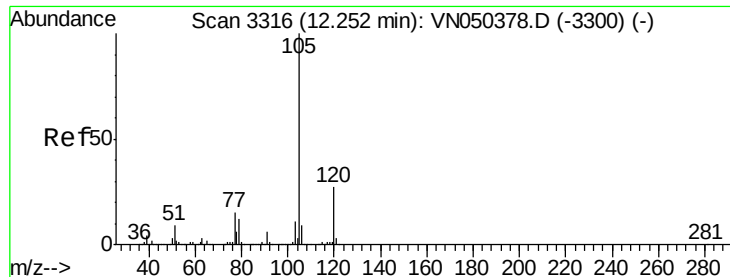


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.35 min Scan# 3656  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion:152 Resp: 506320  
Ion Ratio Lower Upper  
152 100  
115 56.2 27.8 83.3  
150 163.9 0.0 348.6







#73

Isopropylbenzene

Concen: 20.99 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

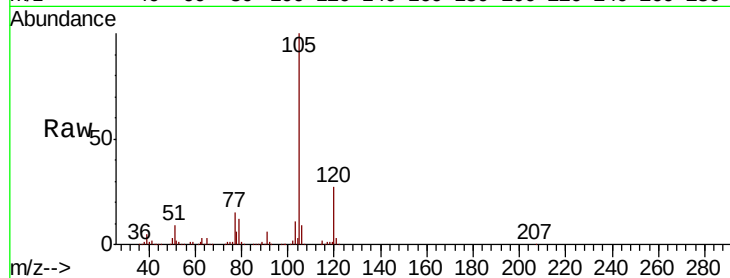
ClientSampled :

Tot Ion:105 Resp: 797843

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

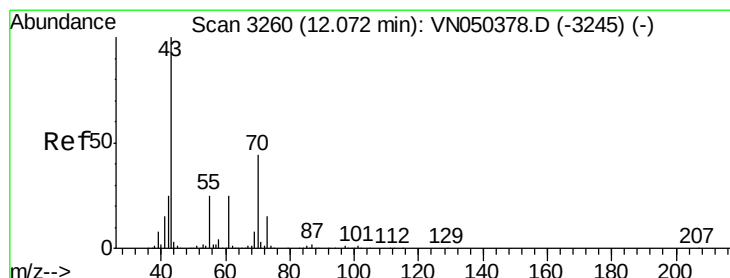
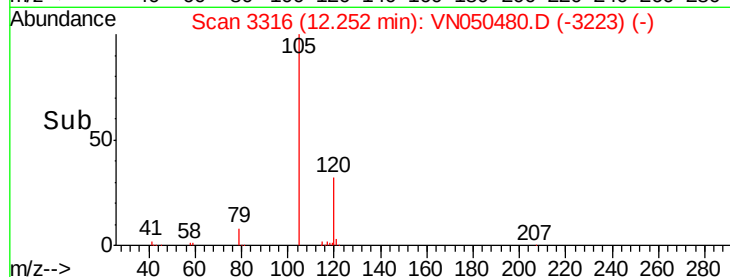
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 17.97 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Tgt Ion: 43 Resp: 221354

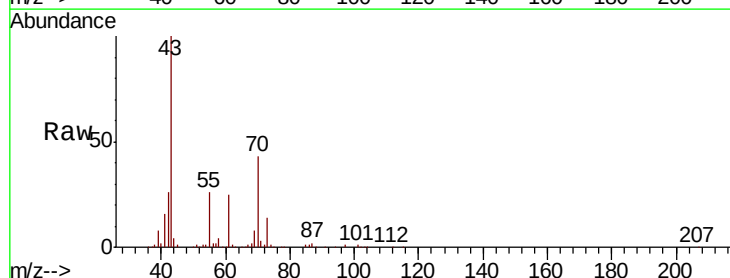
Ion Ratio Lower Upper

43 100

70 43.8 34.4 51.6

55 26.8 20.8 31.2

61 25.3 19.7 29.5



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

200000

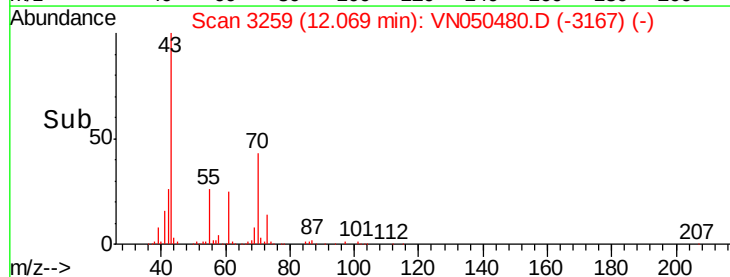
150000

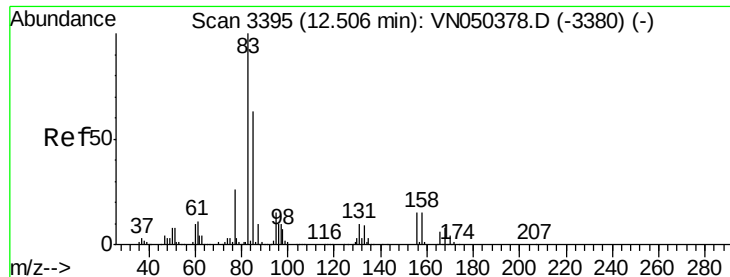
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.98 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

ClientSampleId :

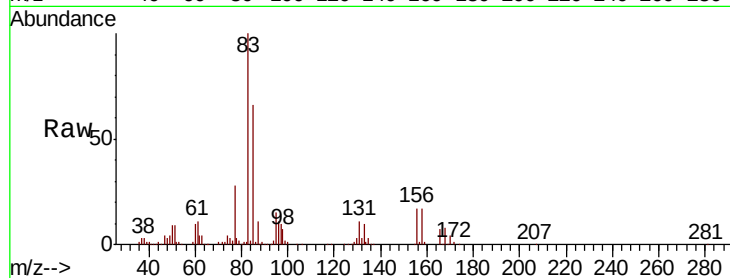
Tot Ion: 83 Resp: 208149

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

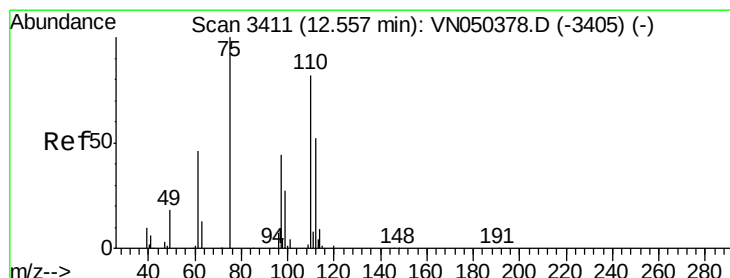
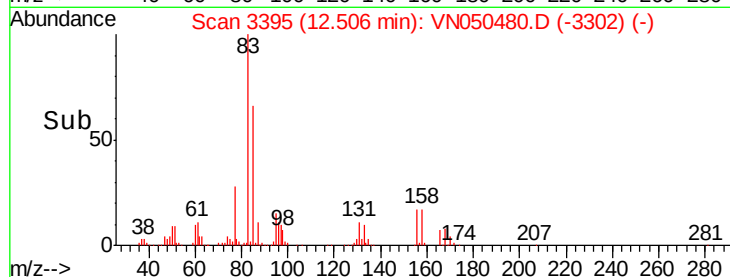
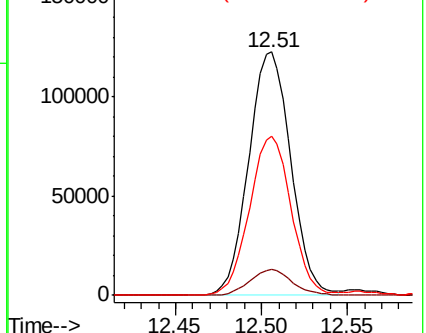
85 64.5 32.3 96.8



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: 26.86 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050480.D

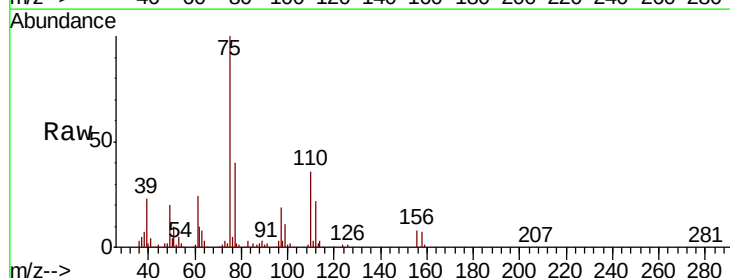
Acq: 9 Aug 2018 12:58

Tgt Ion: 75 Resp: 246161

Ion Ratio Lower Upper

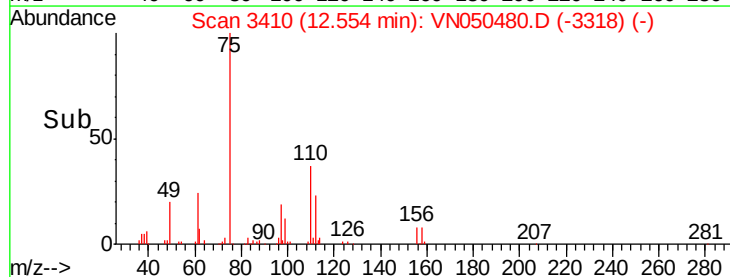
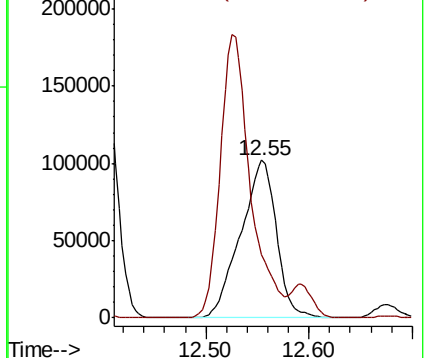
75 100

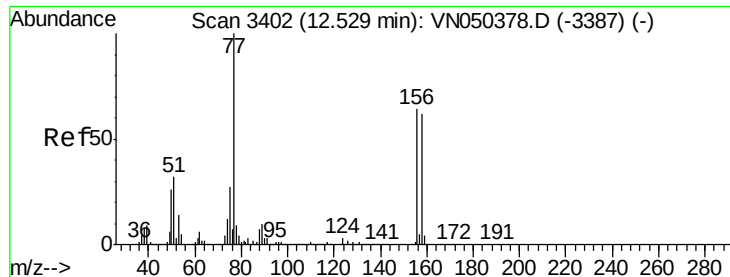
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.81 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

ClientSampleId :

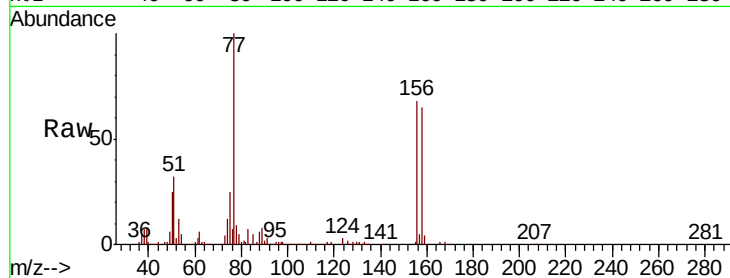
Tot Ion:156 Resp: 211899

Ion Ratio Lower Upper

156 100

77 176.4 91.7 275.1

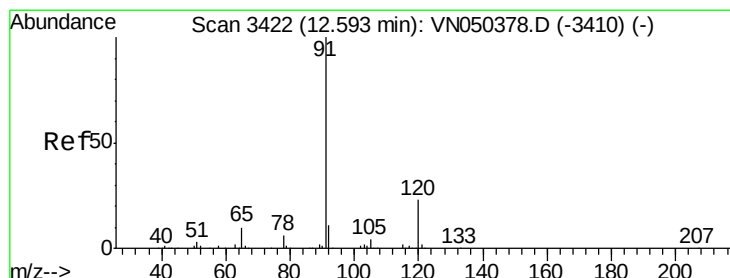
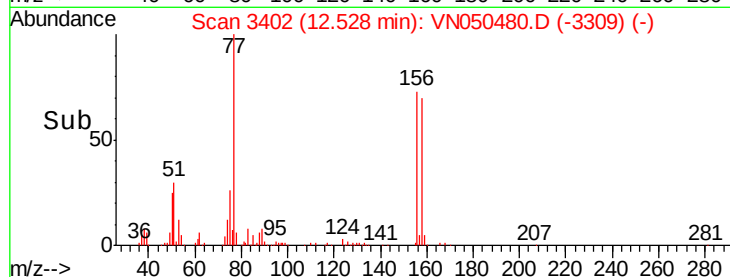
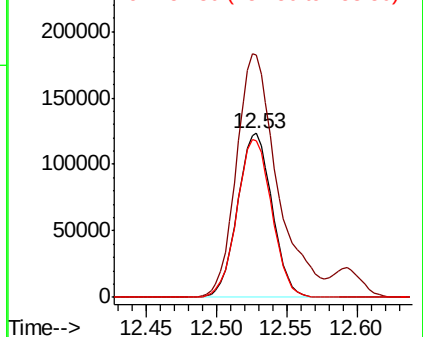
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.68 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050480.D

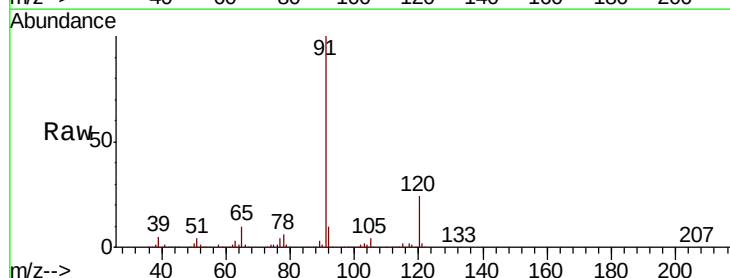
Acq: 9 Aug 2018 12:58

Tgt Ion: 91 Resp: 889555

Ion Ratio Lower Upper

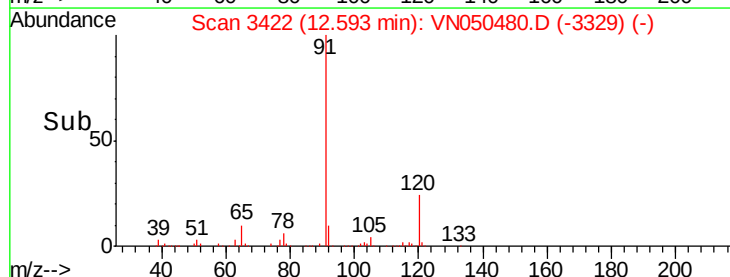
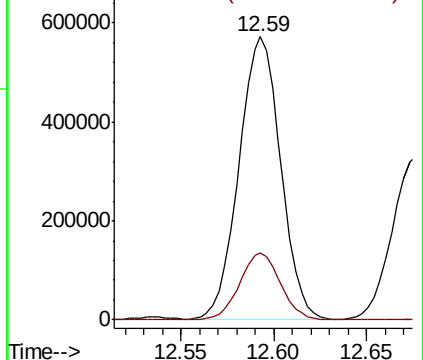
91 100

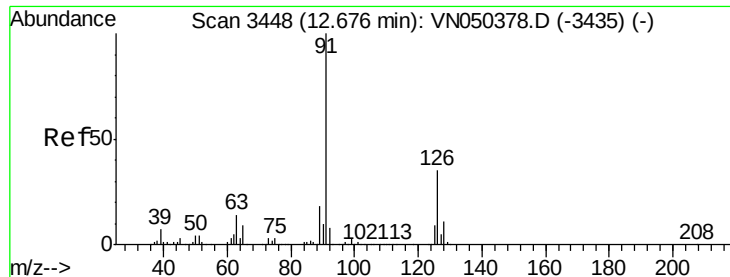
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.59 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

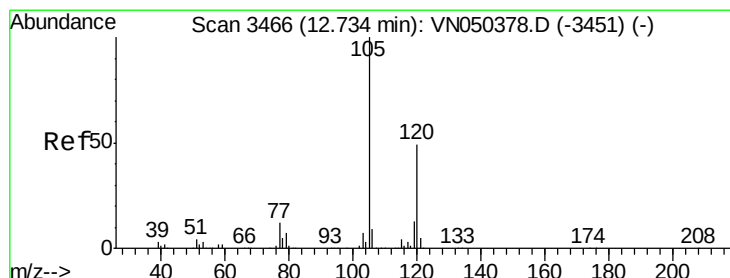
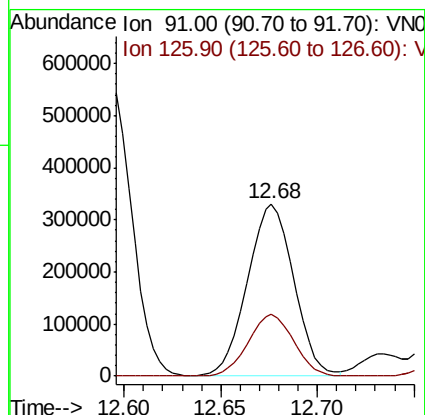
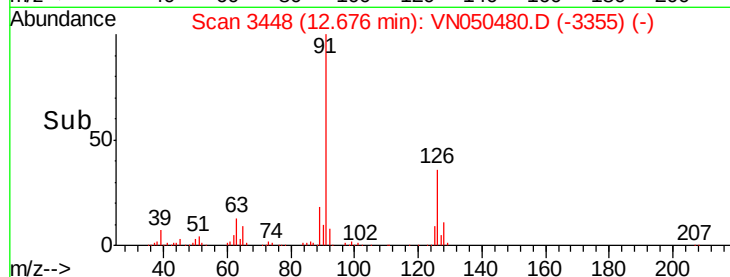
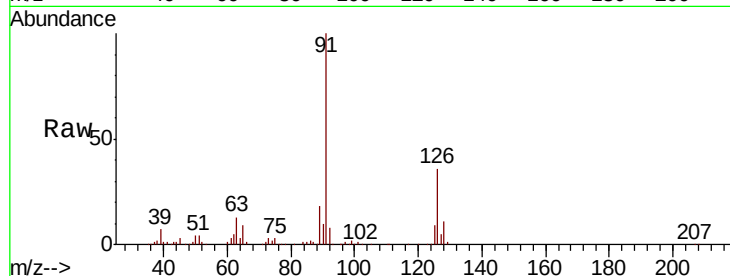
ClientSampled :

Tot Ion: 91 Resp: 547176

Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.24 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050480.D

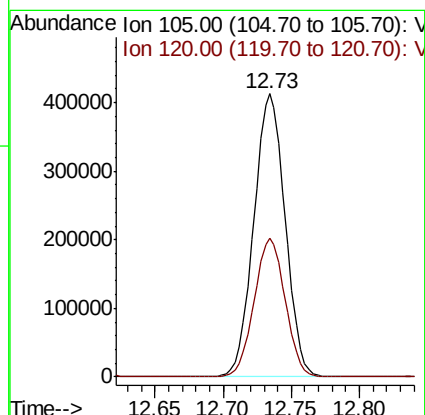
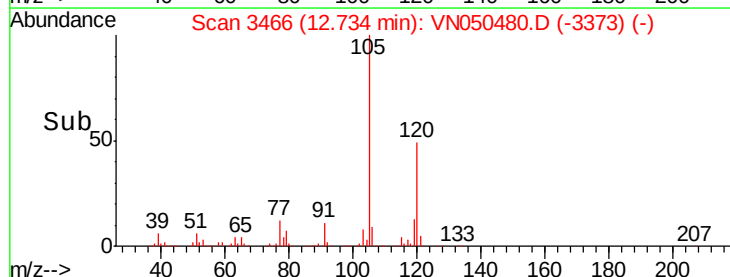
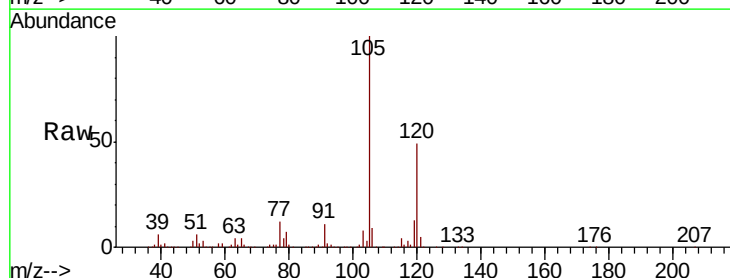
Acq: 9 Aug 2018 12:58

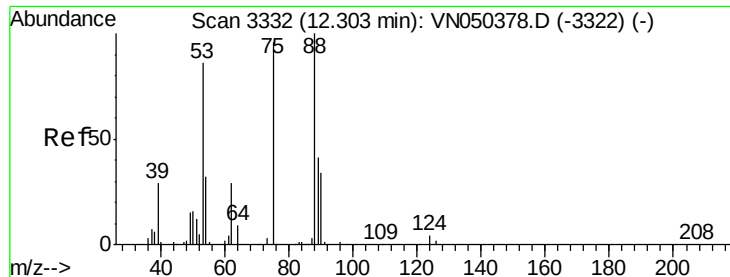
Tgt Ion: 105 Resp: 655187

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.06 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

ClientSampleId :

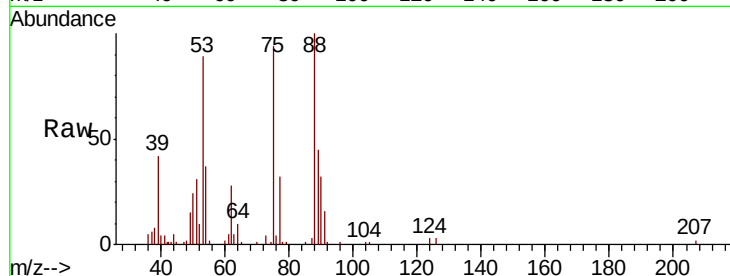
Tot Ion: 75 Resp: 47114

Ion Ratio Lower Upper

75 100

53 94.8 73.5 110.3

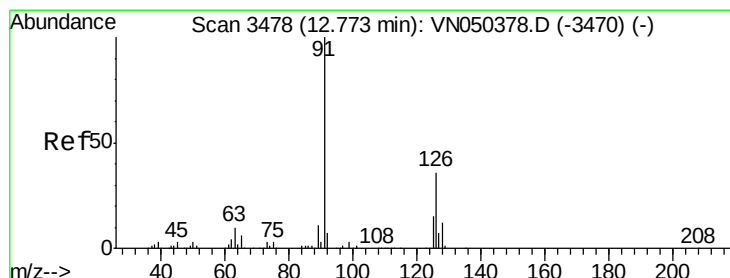
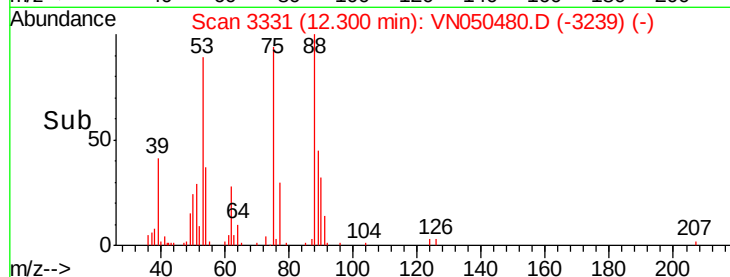
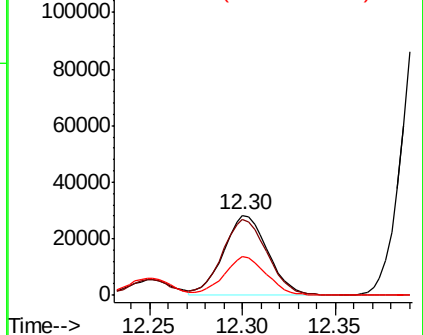
89 46.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN050378.D (-3322) (-)

Ion 53.00 (52.70 to 53.70): VN050378.D (-3322) (-)

Ion 88.90 (88.60 to 89.60): VN050378.D (-3322) (-)



#82

4-Chlorotoluene

Concen: 20.81 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050480.D

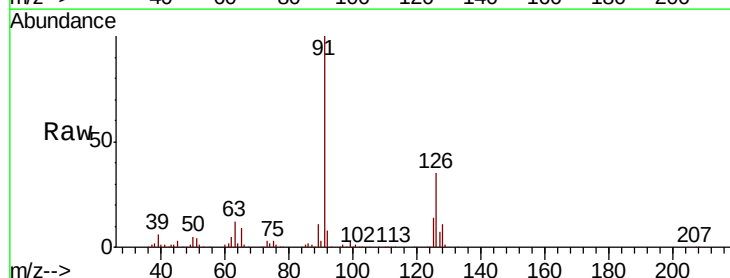
Acq: 9 Aug 2018 12:58

Tgt Ion: 91 Resp: 551496

Ion Ratio Lower Upper

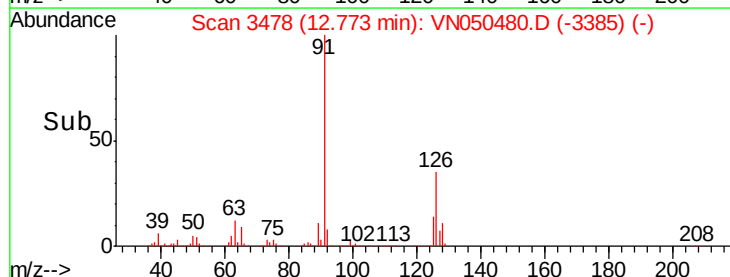
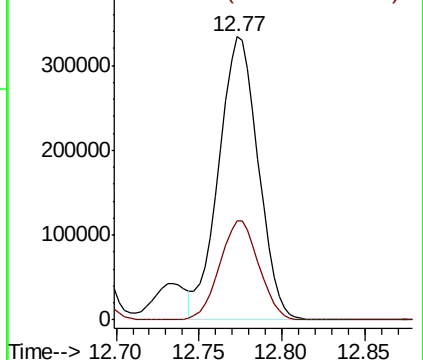
91 100

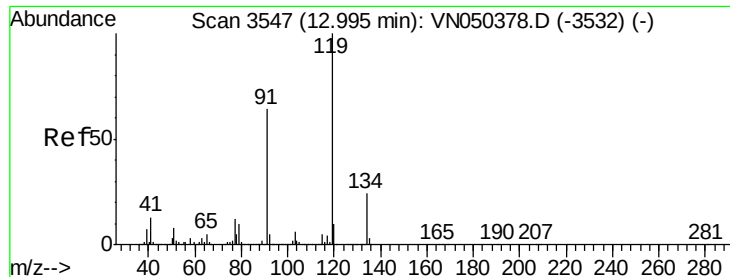
126 34.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3470) (-)

Ion 125.90 (125.60 to 126.60): VN050378.D (-3470) (-)





#83

tert-Butylbenzene

Concen: 20.81 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

ClientSampleId :

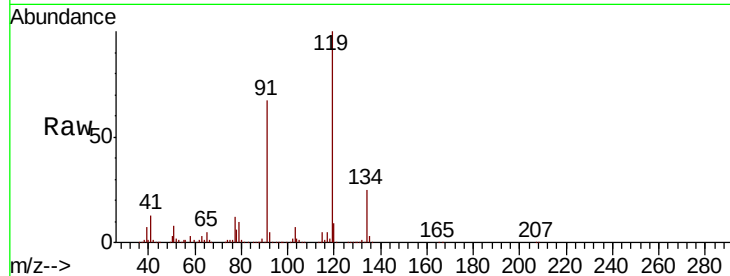
Tot Ion:119 Resp: 560103

Ion Ratio Lower Upper

119 100

91 64.4 32.1 96.3

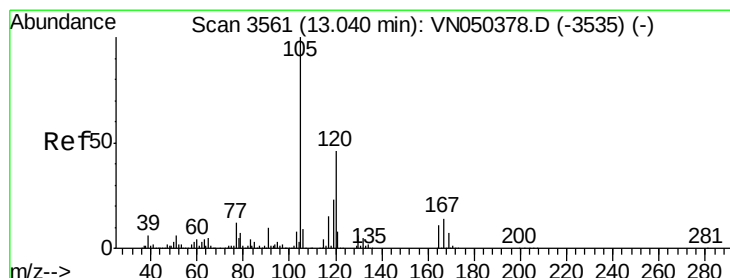
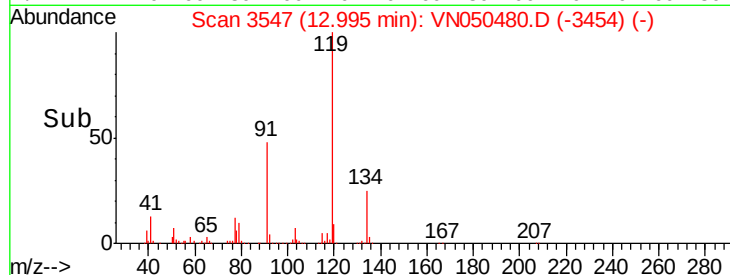
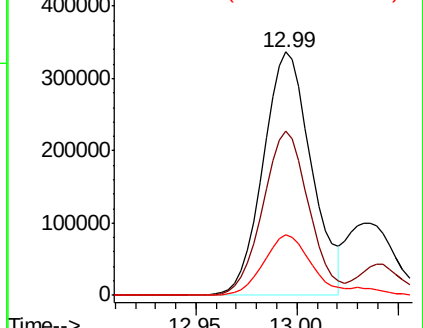
134 26.5 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.41 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050480.D

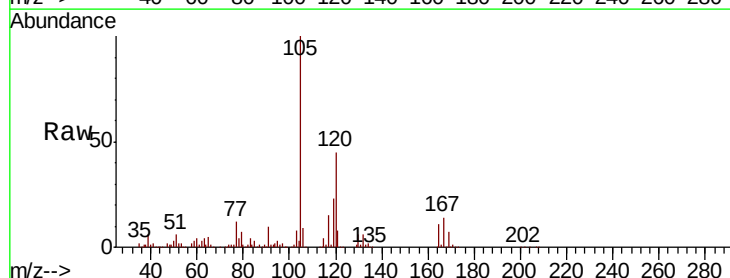
Acq: 9 Aug 2018 12:58

Tgt Ion:105 Resp: 669140

Ion Ratio Lower Upper

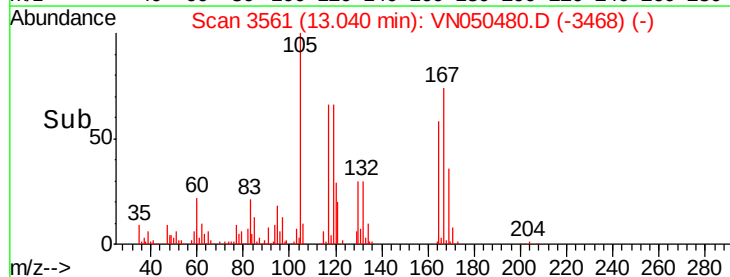
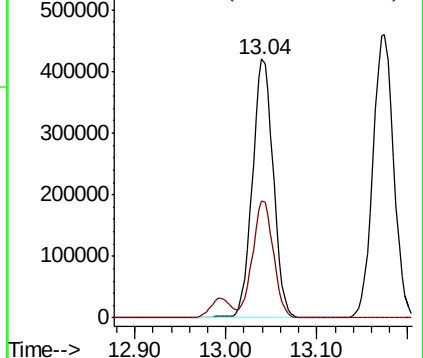
105 100

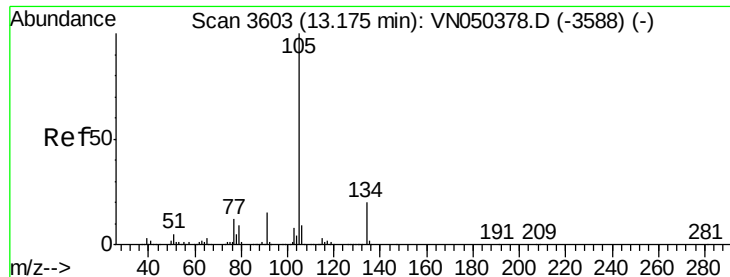
120 45.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.31 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

Instrument :

MSVOA\_N

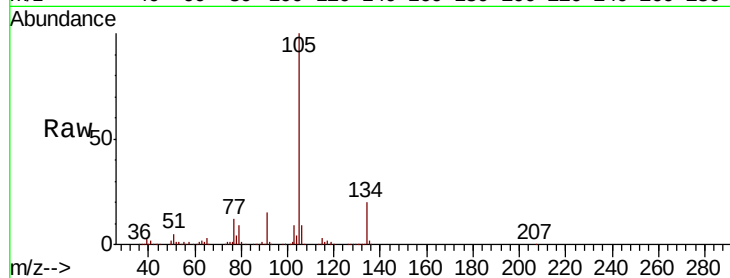
ClientSampled :

Tot Ion:105 Resp: 728412

Ion Ratio Lower Upper

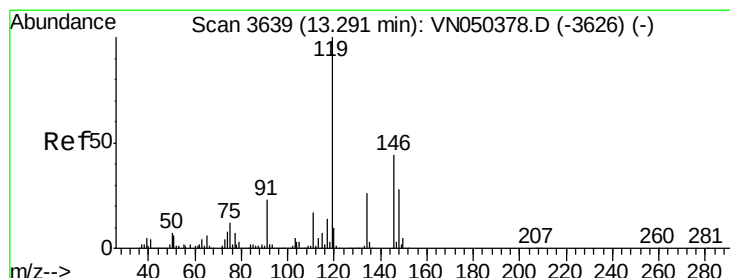
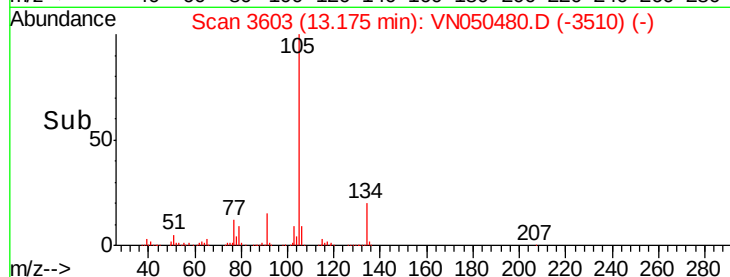
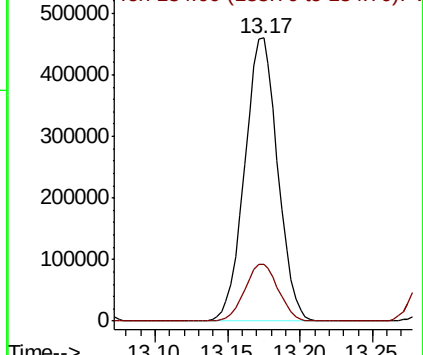
105 100

134 20.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.44 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050480.D

Acq: 9 Aug 2018 12:58

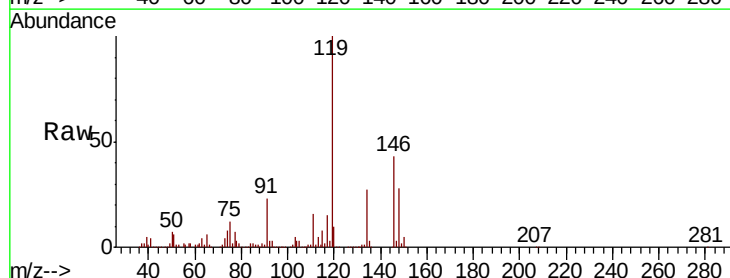
Tgt Ion:119 Resp: 628311

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

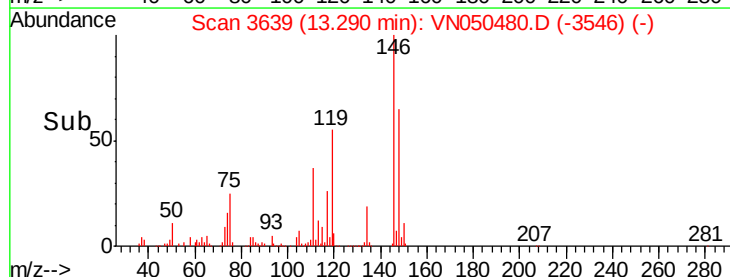
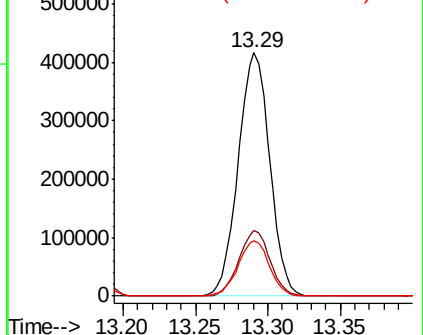
91 22.4 11.4 34.2

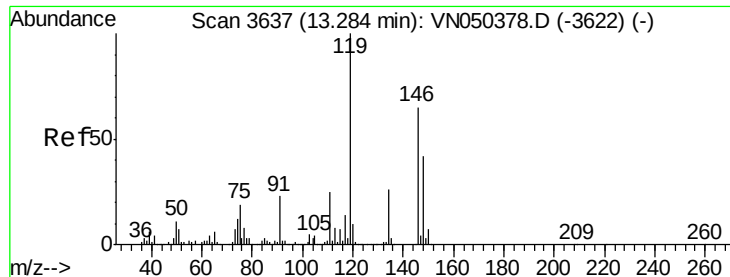


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

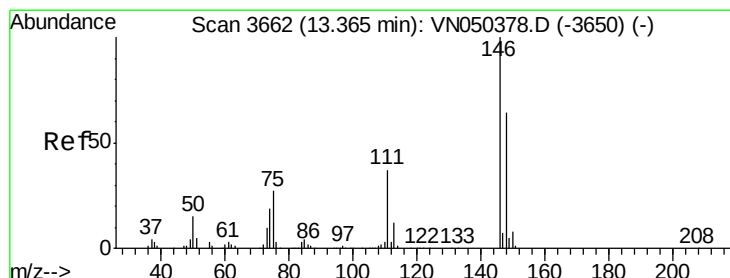
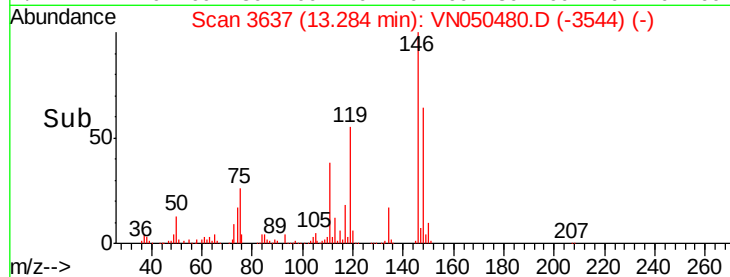
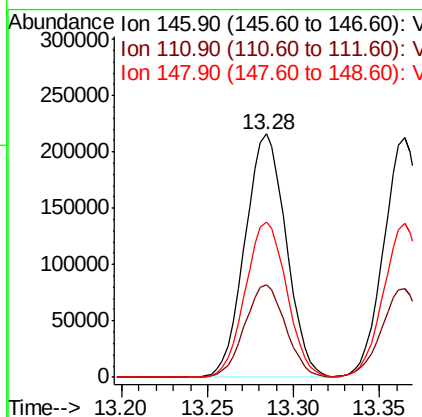
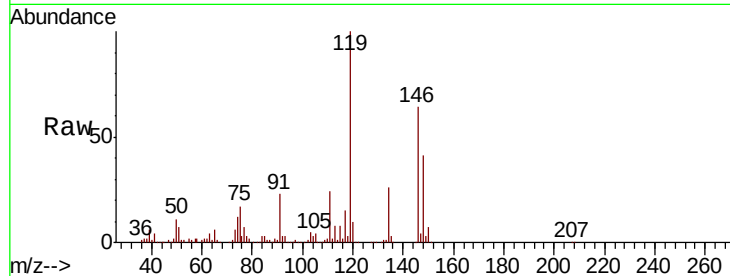




#87  
 1,3-Dichlorobenzene  
 Concen: 19.84 ug/l  
 RT: 13.28 min Scan# 3637  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

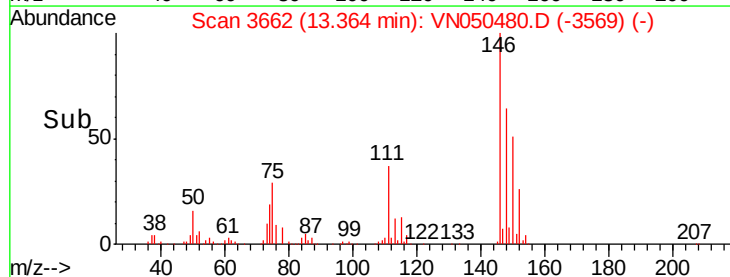
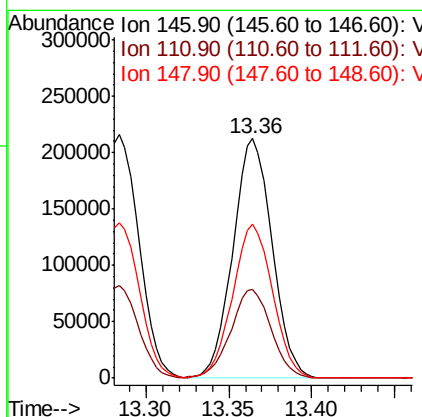
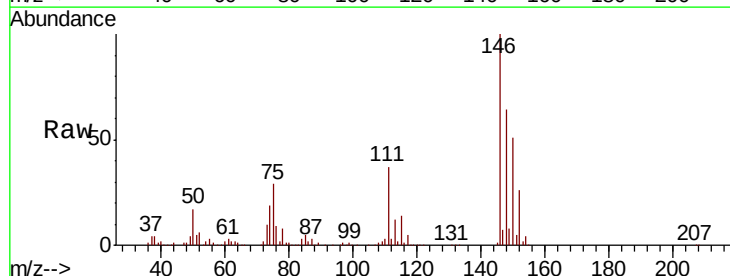
Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 18.8  | 56.4  |
| 148     | 64.2  | 31.9  | 95.9  |

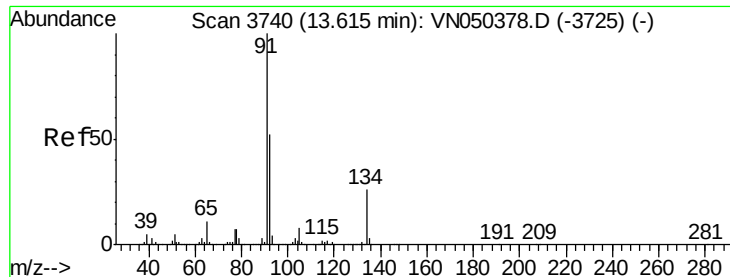


#88  
 1,4-Dichlorobenzene  
 Concen: 19.30 ug/l  
 RT: 13.36 min Scan# 3662  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 18.3  | 54.9  |
| 148     | 65.1  | 31.9  | 95.9  |



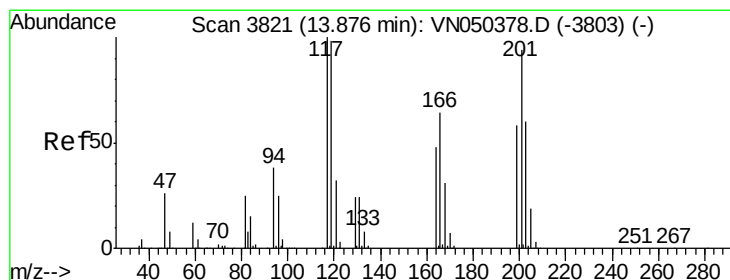
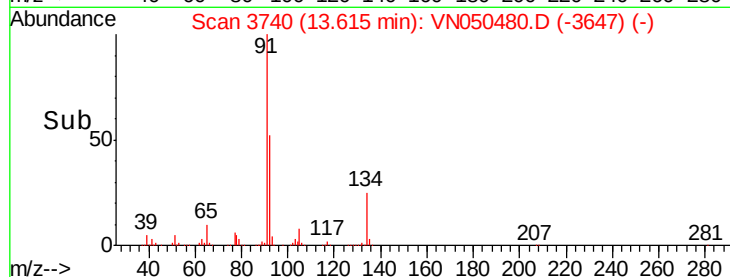
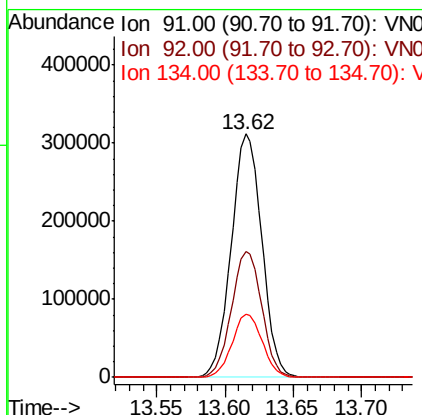
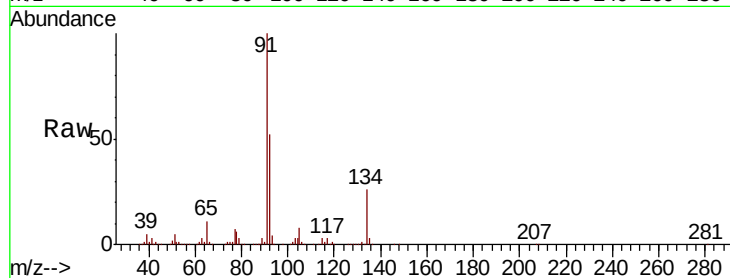




#89  
n-Butylbenzene  
Concen: 18.53 ug/l  
RT: 13.62 min Scan# 3740  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

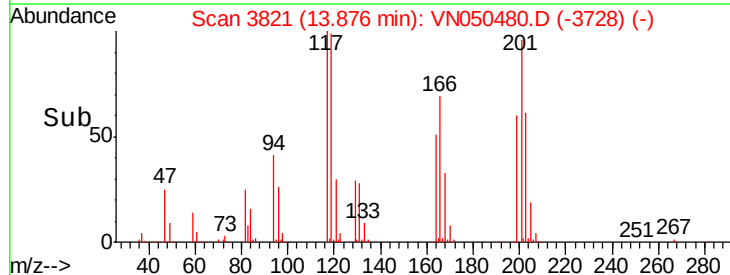
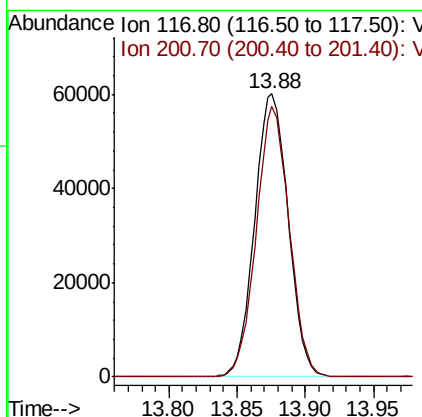
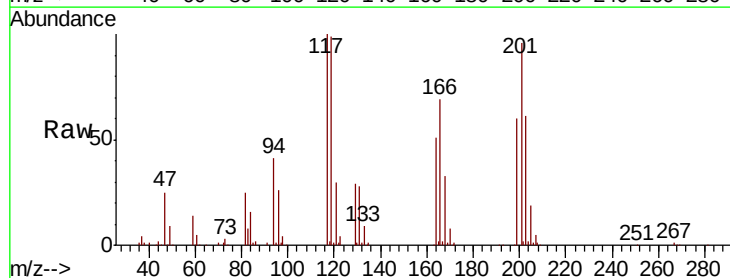
Instrument :  
MSVOA\_N  
ClientSampled :

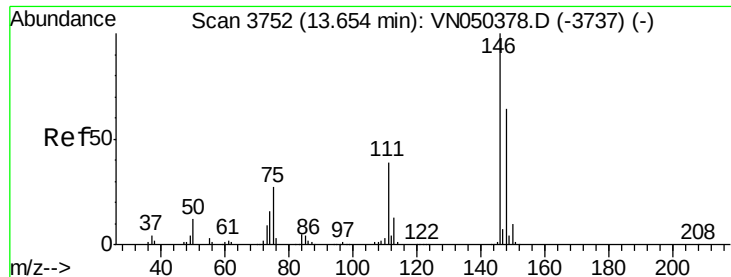
Tot Ion: 91 Resp: 484961  
Ion Ratio Lower Upper  
91 100  
92 51.2 25.8 77.4  
134 25.6 12.8 38.4



#90  
Hexachloroethane  
Concen: 18.83 ug/l  
RT: 13.88 min Scan# 3821  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion: 117 Resp: 102929  
Ion Ratio Lower Upper  
117 100  
201 93.3 45.6 136.8

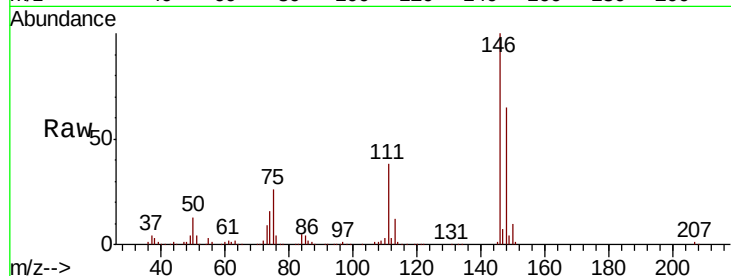




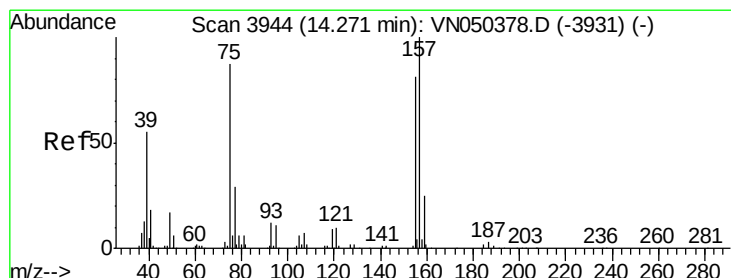
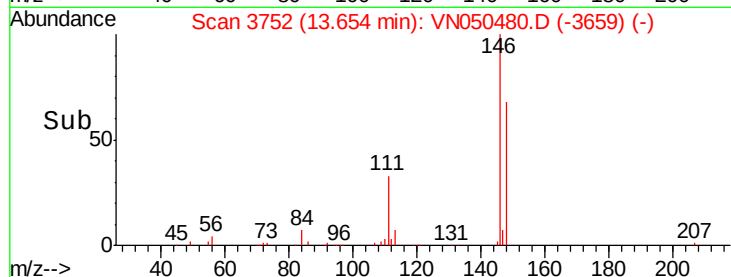
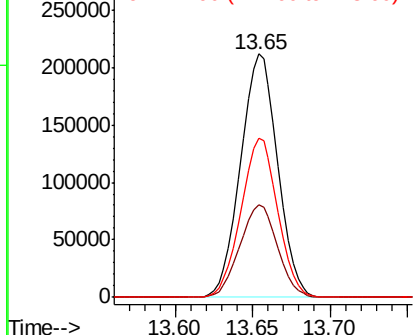
#91  
 1,2-Dichlorobenzene  
 Concen: 19.39 ug/l  
 RT: 13.65 min Scan# 3752  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 19.6  | 58.7  |
| 148     | 64.8  | 32.1  | 96.3  |

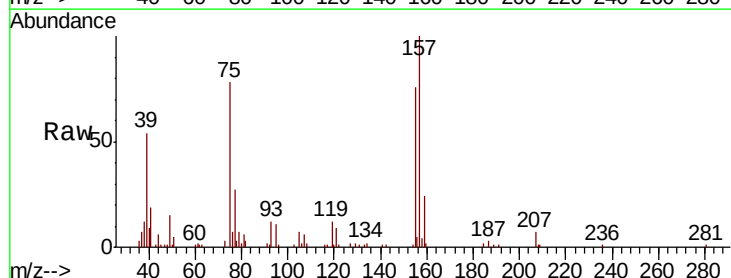


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

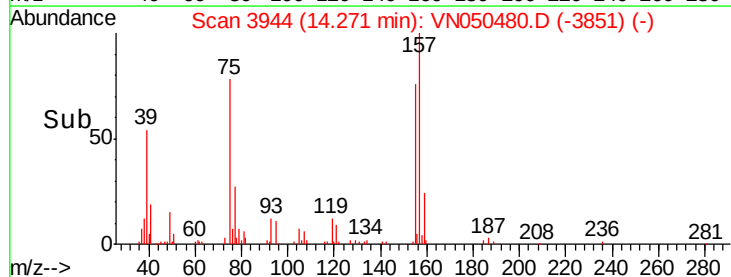
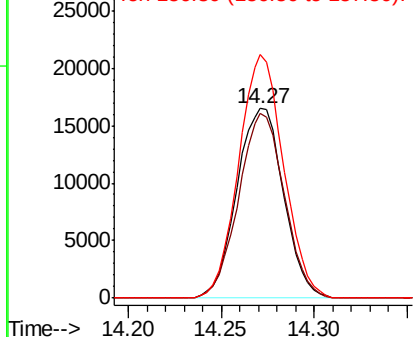


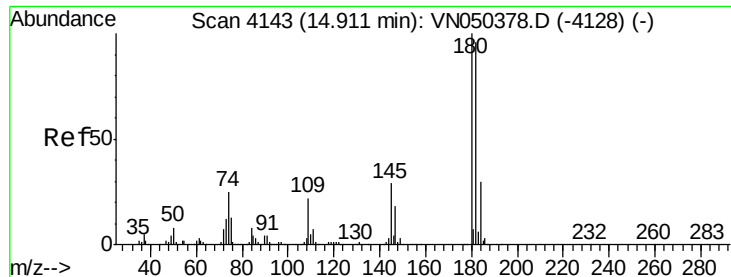
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 15.49 ug/l  
 RT: 14.27 min Scan# 3944  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 95.1  | 44.8  | 134.4 |
| 157     | 123.2 | 57.2  | 171.6 |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

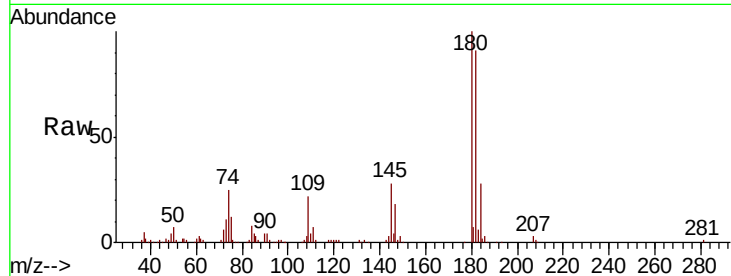




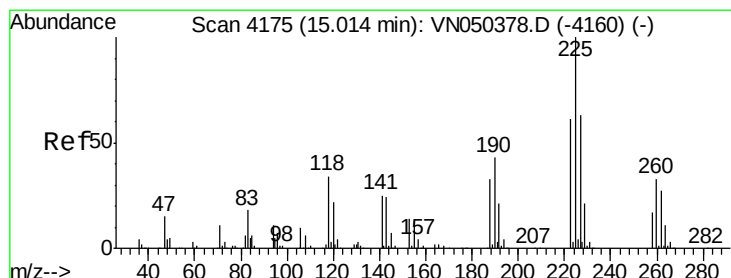
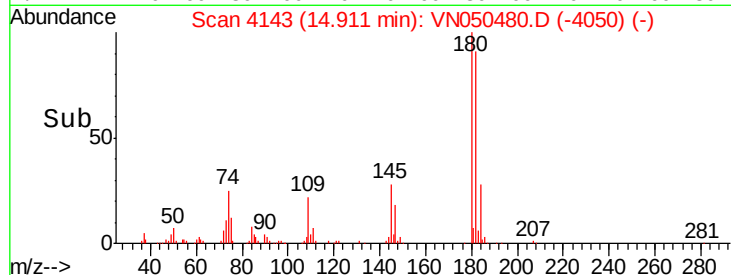
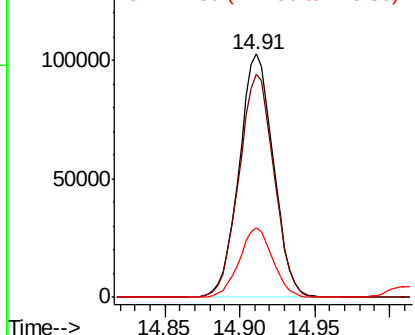
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.67 ug/l  
 RT: 14.91 min Scan# 4143  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:180 Resp: 163598  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 46.7 140.1  
 145 27.9 13.8 41.4

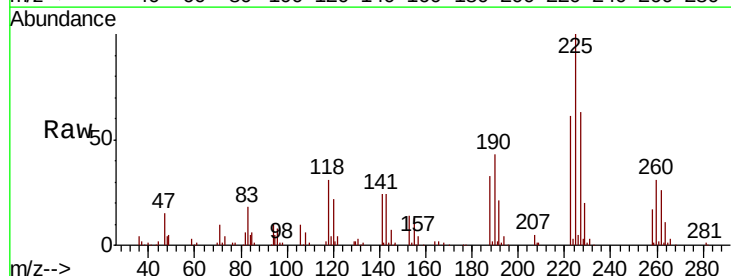


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

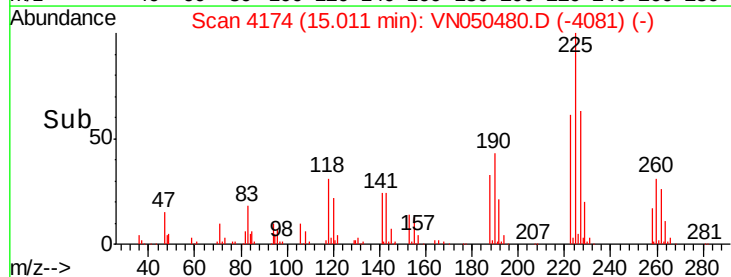
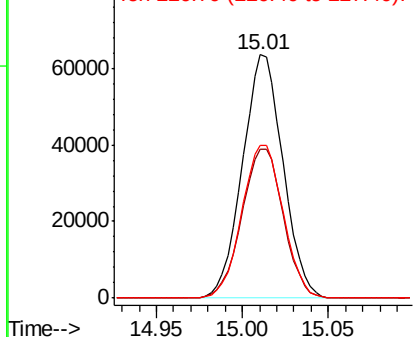


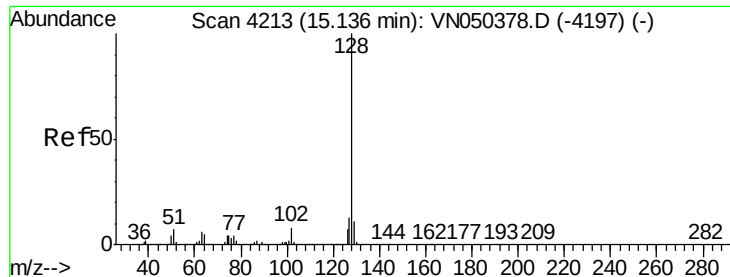
#94  
 Hexachlorobutadiene  
 Concen: 19.61 ug/l  
 RT: 15.01 min Scan# 4174  
 Delta R.T. -0.00 min  
 Lab File: VN050480.D  
 Acq: 9 Aug 2018 12:58

Tgt Ion:225 Resp: 104244  
 Ion Ratio Lower Upper  
 225 100  
 223 62.6 31.4 94.2  
 227 63.8 32.1 96.5



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

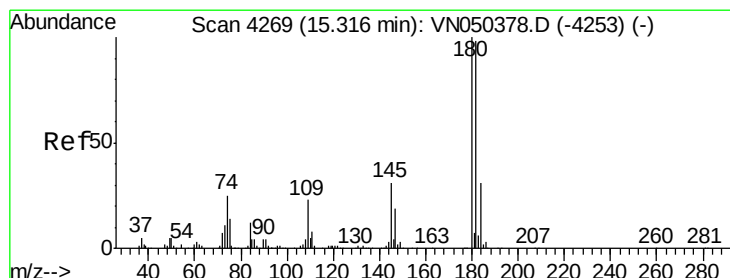
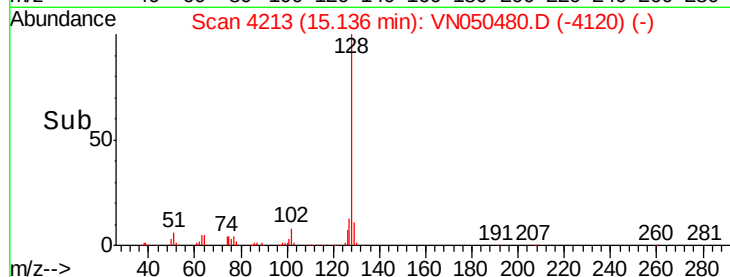
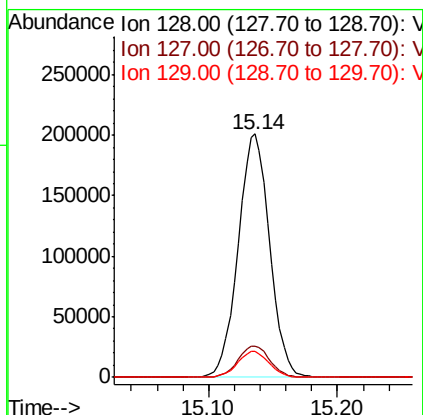
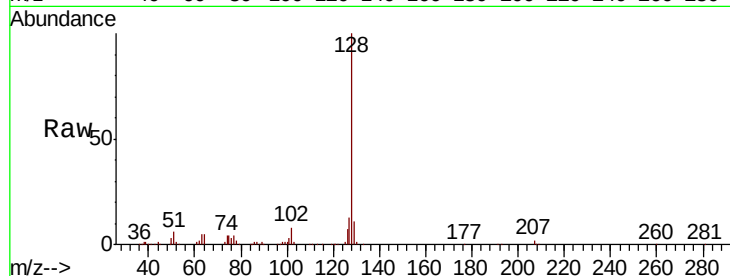




#95  
Naphthalene  
Concen: 16.49 ug/l  
RT: 15.14 min Scan# 4213  
Delta R.T. 0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:128 Resp: 340245  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 10.7 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 17.03 ug/l  
RT: 15.32 min Scan# 4269  
Delta R.T. -0.00 min  
Lab File: VN050480.D  
Acq: 9 Aug 2018 12:58

Tgt Ion:180 Resp: 159414  
Ion Ratio Lower Upper  
180 100  
182 93.9 48.1 144.4  
145 29.7 15.3 45.9

