

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\  
 Data File : VN059468.D  
 Acq On : 3 Dec 2019 14:03  
 Operator : JC/SP  
 Sample : VSTDIC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 03 14:52:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N120319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 03 14:48:54 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 344522   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 543580   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 488840   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 223945   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 82235    | 20.08 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 40.16% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 63825    | 19.18 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 38.36% |          |
| 50) Toluene-d8              | 10.08 | 98   | 255247   | 19.23 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 38.46% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 88169    | 19.04 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 38.08% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 72023    | 18.185  | ug/l  | 95     |
| 3) Chloromethane              | 2.04 | 50   | 97521    | 19.689  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.17 | 62   | 56788    | 12.835  | ug/l  | 98     |
| 5) Bromomethane               | 2.54 | 94   | 33954    | 12.827  | ug/l  | 96     |
| 6) Chloroethane               | 2.68 | 64   | 32018    | 12.770  | ug/l  | 94     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 70345    | 13.191  | ug/l  | 94     |
| 8) Diethyl Ether              | 3.39 | 74   | 45880    | 19.772  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101  | 70296    | 20.081  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.93 | 142  | 90450    | 19.738  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.75 | 59   | 74864    | 104.542 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 68664    | 20.019  | ug/l  | 97     |
| 13) Acrolein                  | 3.58 | 56   | 63647    | 93.658  | ug/l  | 97     |
| 14) Allyl chloride            | 4.30 | 41   | 133450   | 20.792  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.95 | 53   | 214396   | 107.380 | ug/l  | 100    |
| 16) Acetone                   | 3.79 | 43   | 247820   | 125.431 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.03 | 76   | 225324   | 19.107  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.30 | 43   | 110920   | 20.680  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.01 | 73   | 237887   | 21.278  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.52 | 84   | 82743    | 20.912  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 76773    | 20.488  | ug/l  | 98     |
| 22) Diisopropyl ether         | 5.92 | 45   | 257222   | 21.476  | ug/l  | 97     |
| 23) Vinyl Acetate             | 5.87 | 43   | 1057485  | 108.888 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 147027   | 21.387  | ug/l  | 99     |
| 25) 2-Butanone                | 6.81 | 43   | 307127   | 112.740 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.80 | 77   | 124470   | 21.247  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96   | 85223    | 20.728  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.17 | 49   | 58981    | 25.164  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.18 | 42   | 194753   | 107.498 | ug/l  | 100    |
| 30) Chloroform                | 7.35 | 83   | 139127   | 20.137  | ug/l  | 97     |
| 31) Cyclohexane               | 7.63 | 56   | 136995   | 19.885  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97   | 121099   | 21.414  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 107743   | 20.382  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.90 | 43   | 119037   | 20.885  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 105344   | 21.009  | ug/l  | 98     |

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 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 03 14:52:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N120319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 03 14:48:54 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 129813   | 20.512  | ug/l   | 96       |
| 40) Benzene                    | 8.02  | 78   | 324634   | 20.653  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.18  | 41   | 169882   | 64.205  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 109455   | 21.795  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.15  | 43   | 182691   | 21.198  | ug/l   | 100      |
| 44) Trichloroethene            | 8.82  | 130  | 82485    | 20.619  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 85899    | 20.885  | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 54451    | 21.418  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.39  | 83   | 107143   | 20.831  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 78542    | 20.490  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 22366    | 411.303 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 561011   | 111.386 | ug/l   | 99       |
| 52) Toluene                    | 10.15 | 92   | 194936   | 20.734  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 123531   | 20.880  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 134230   | 21.098  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 77050    | 20.852  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 110577   | 20.493  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 133307   | 20.950  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 171171   | 110.027 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.74 | 43   | 419389   | 112.004 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 81834    | 21.299  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 78864    | 20.829  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.62 | 164  | 80038    | 21.844  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 205205   | 20.509  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 75595    | 20.809  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 365551   | 20.745  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 272471   | 41.317  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 129300   | 20.529  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 204791   | 20.734  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 57880    | 20.820  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 349016   | 20.778  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 133475   | 20.809  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 112118   | 20.337  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 153102   | 29.418  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 84887    | 20.650  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 403923   | 20.816  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 240916   | 20.786  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 292501   | 20.714  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 39959    | 19.820  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 243055   | 20.358  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 247656   | 20.366  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 285240   | 20.612  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 335518   | 20.805  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 297366   | 20.414  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 149203   | 20.492  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 147490   | 20.149  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 256046   | 20.077  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 56426    | 20.223  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 145345   | 20.371  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 22694    | 18.124  | ug/l   | 97       |

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Sample : VSTDICC020  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 03 14:52:06 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N120319W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 03 14:48:54 2019  
Response via : Initial Calibration

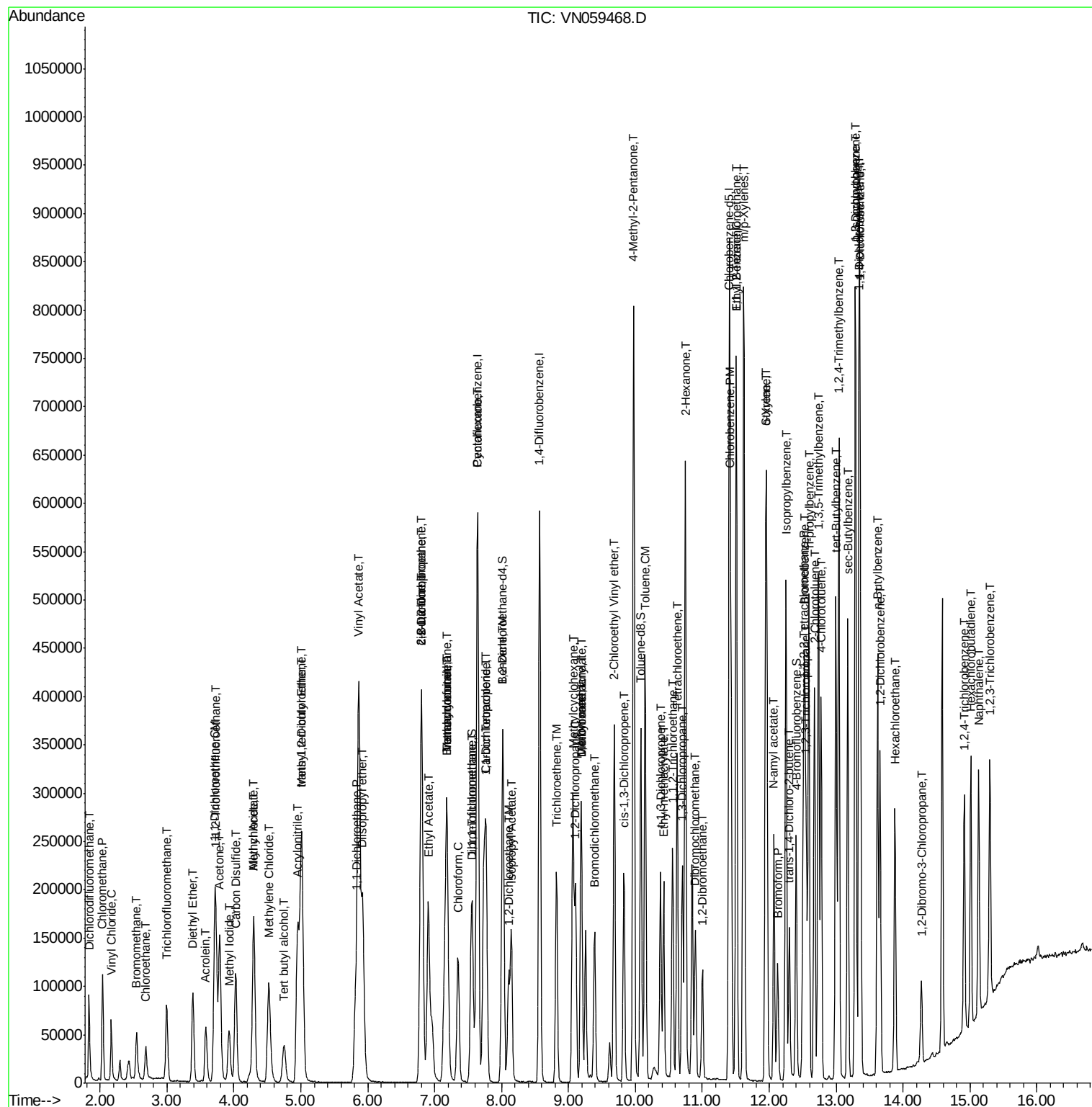
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 79443    | 18.086 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 52656    | 19.369 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 205130   | 16.390 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 79278    | 16.961 | ug/l  | 100      |

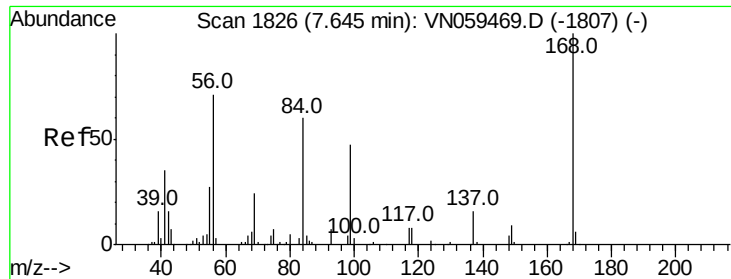
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120319\  
 Data File : VN059468.D  
 Acq On : 3 Dec 2019 14:03  
 Operator : JC/SP  
 Sample : VSTDIC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampled :

Quant Time: Dec 03 14:52:06 2019  
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 Quant Title : SW846 8260  
 QLast Update : Tue Dec 03 14:48:54 2019  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

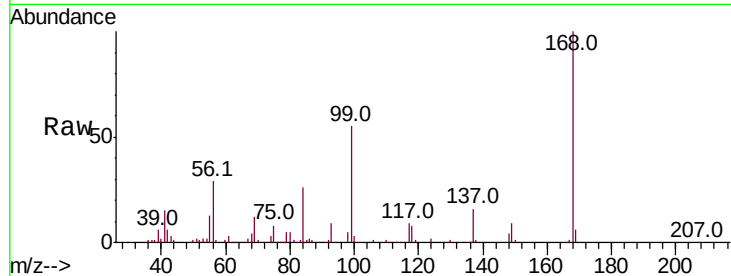
ClientSampleId :

Tot Ion:168 Resp: 344522

Ion Ratio Lower Upper

168 100

99 55.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

150000

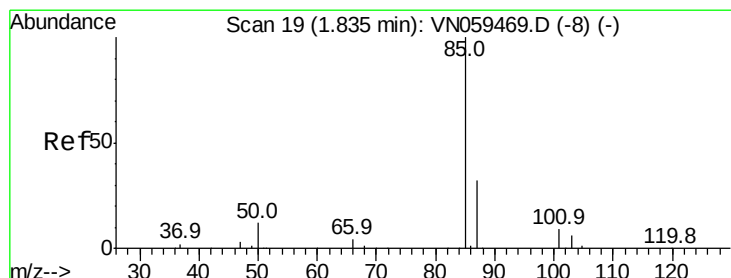
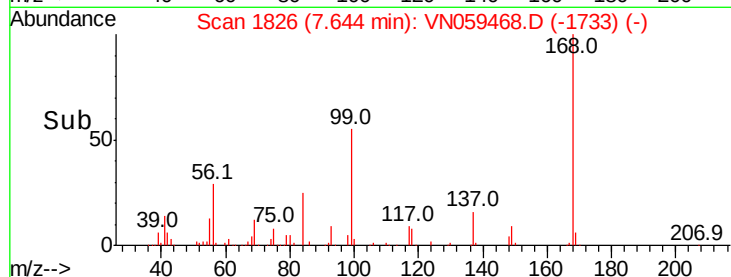
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.185 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059468.D

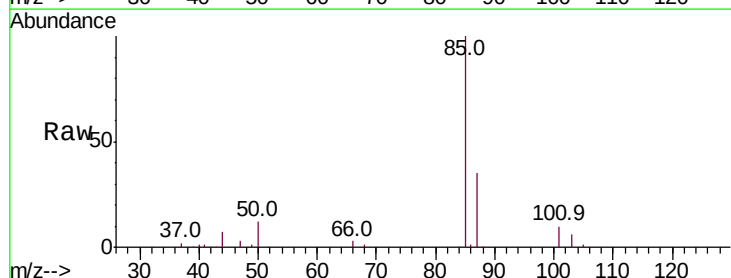
Acq: 3 Dec 2019 14:03

Tgt Ion: 85 Resp: 72023

Ion Ratio Lower Upper

85 100

87 34.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

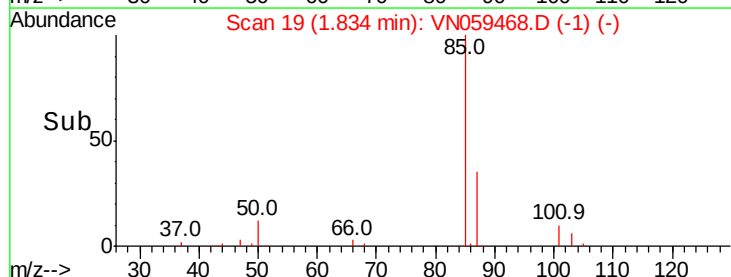
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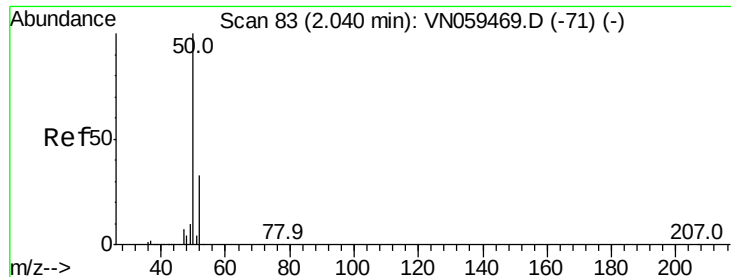
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1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.689 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

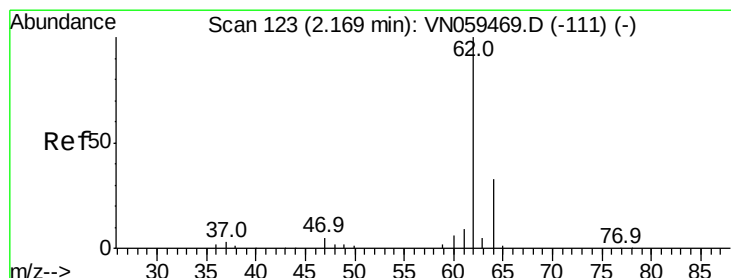
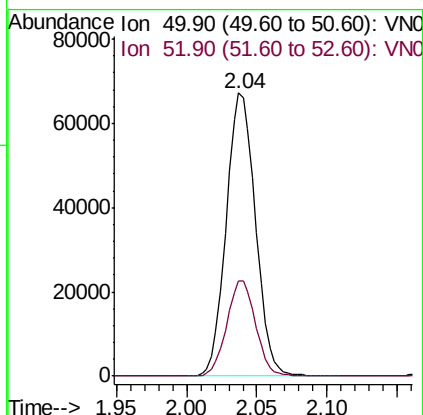
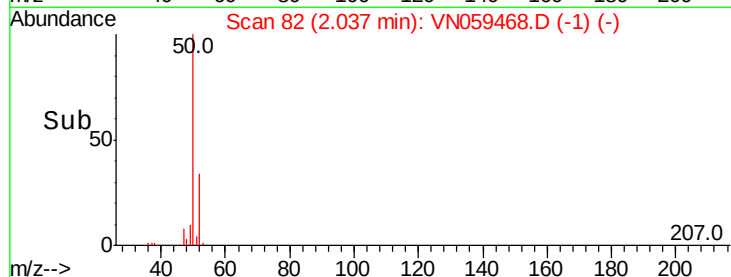
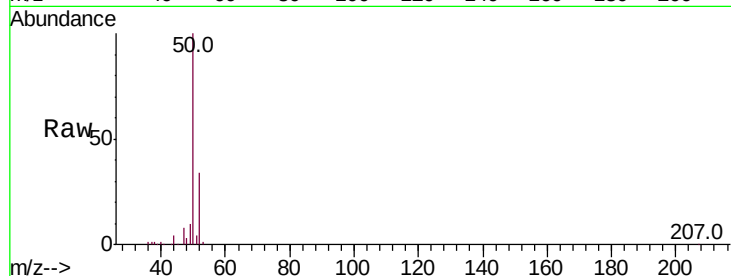
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 50 Resp: 97521

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7



#4

Vinyl Chloride

Concen: 12.835 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059468.D

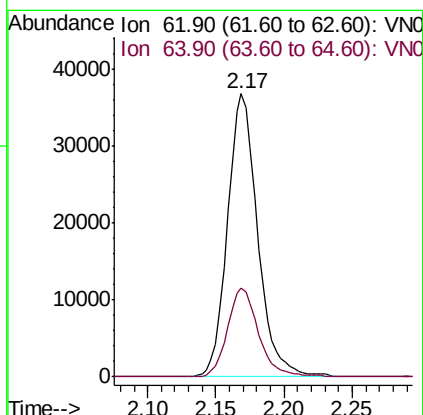
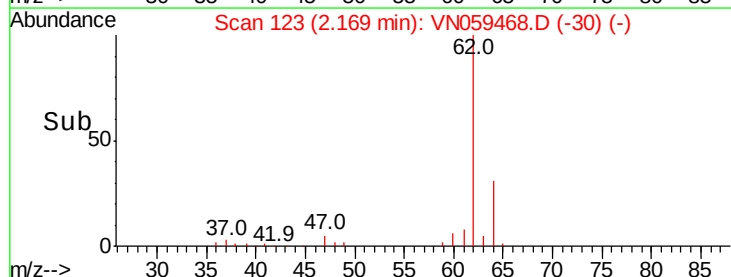
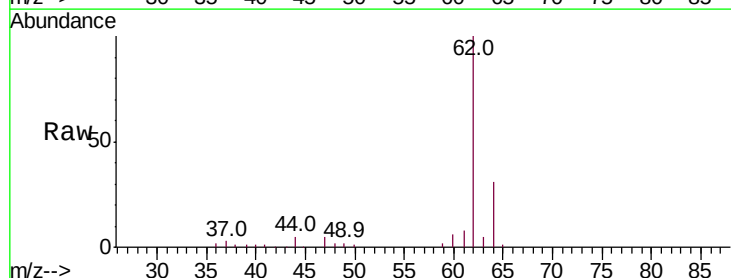
Acq: 3 Dec 2019 14:03

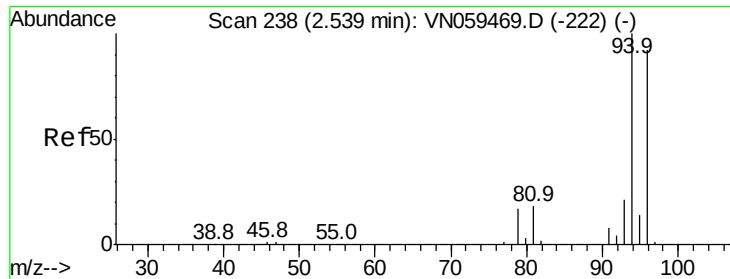
Tgt Ion: 62 Resp: 56788

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 12.827 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

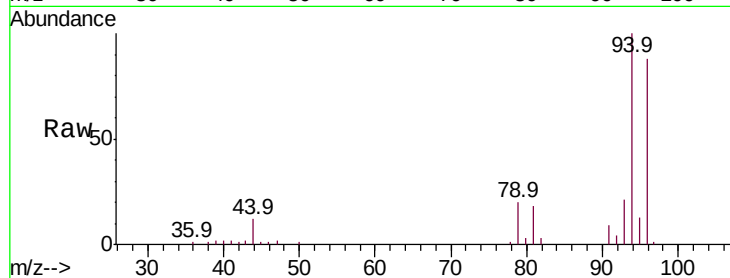
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 94 Resp: 33954

Ion Ratio Lower Upper

94 100

96 88.4 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN059468.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059468.D (-145) (-)

2.54

15000

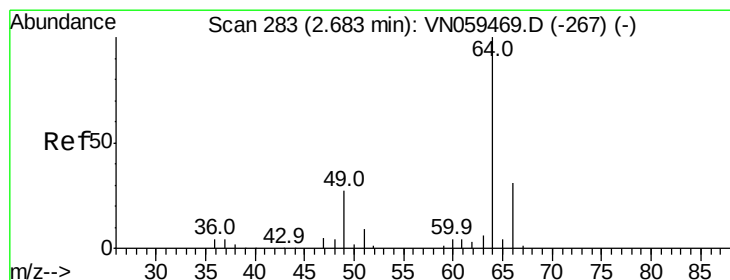
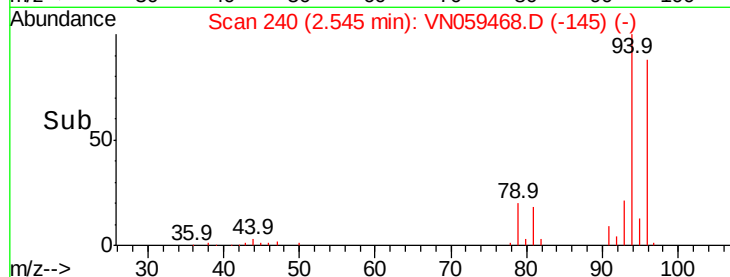
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0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 12.770 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059468.D

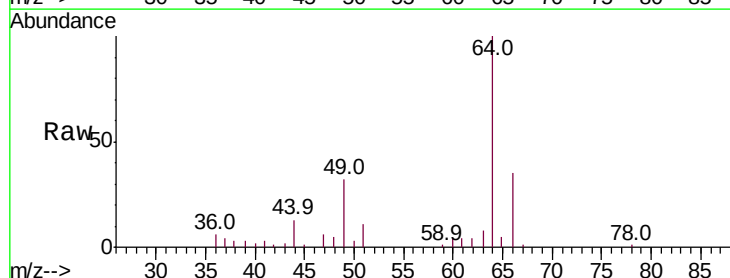
Acq: 3 Dec 2019 14:03

Tgt Ion: 64 Resp: 32018

Ion Ratio Lower Upper

64 100

66 34.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN059468.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN059468.D (-190) (-)

2.68

15000

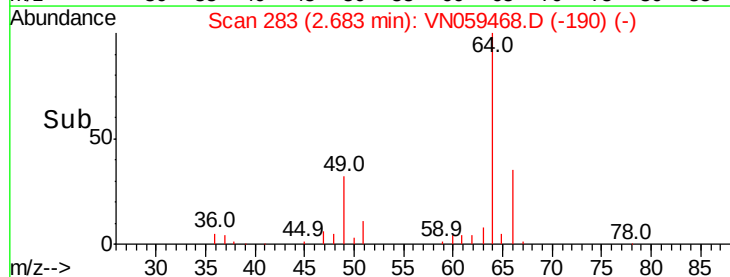
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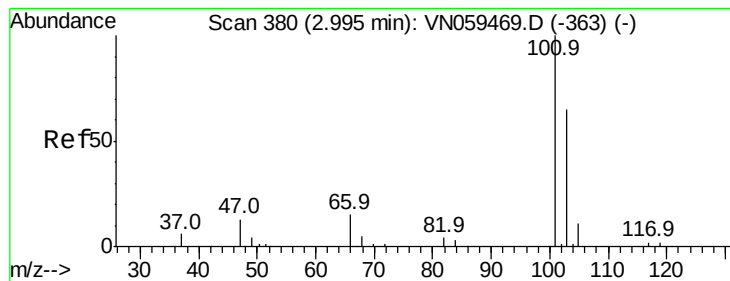
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80





#7

Trichlorofluoromethane

Concen: 13.191 ug/l

RT: 3.00 min Scan# 380

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

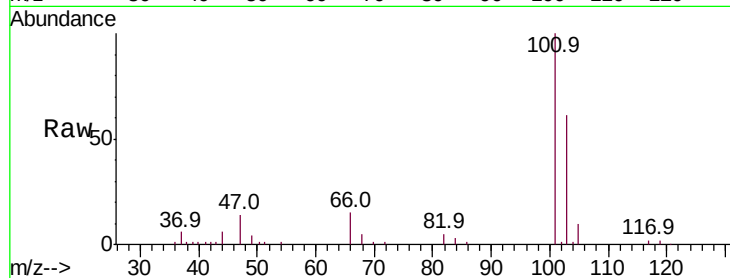
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:101 Resp: 70345

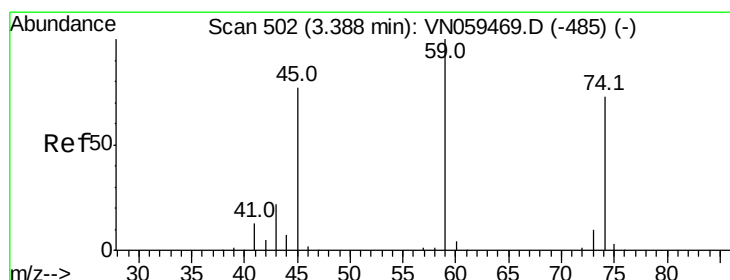
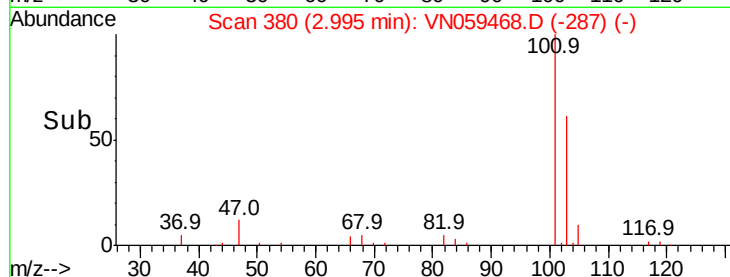
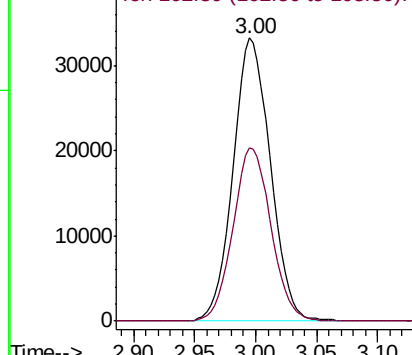
Ion Ratio Lower Upper

101 100

103 61.1 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.772 ug/l

RT: 3.39 min Scan# 502

Delta R.T. -0.00 min

Lab File: VN059468.D

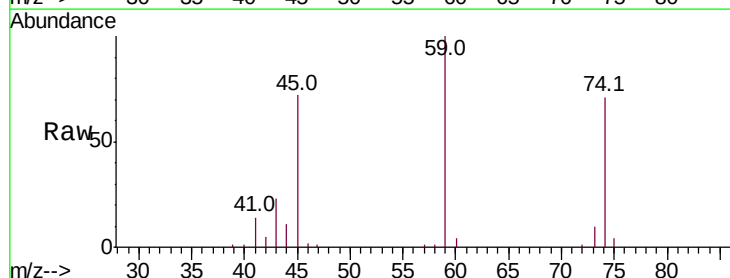
Acq: 3 Dec 2019 14:03

Tgt Ion: 74 Resp: 45880

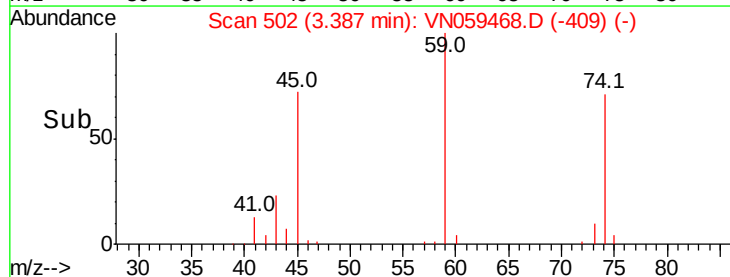
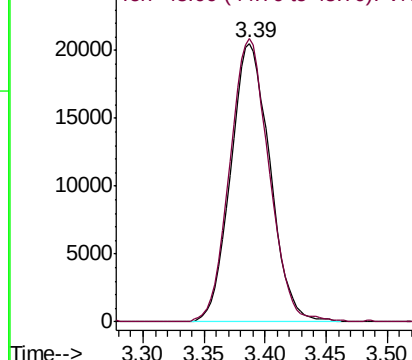
Ion Ratio Lower Upper

74 100

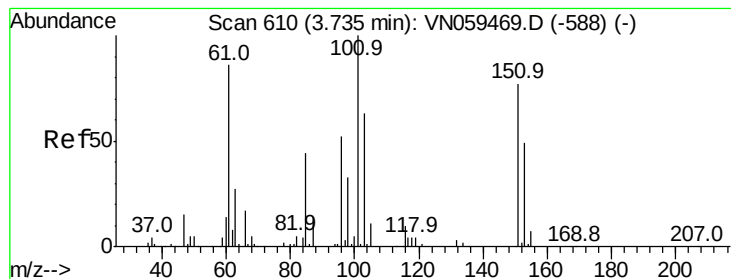
45 102.0 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VNO  
Ion 45.00 (44.70 to 45.70): VNO







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.081 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampled :

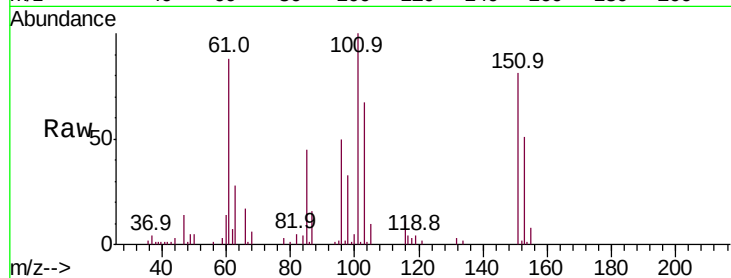
Tot Ion:101 Resp: 70296

Ion Ratio Lower Upper

101 100

85 43.9 35.2 52.8

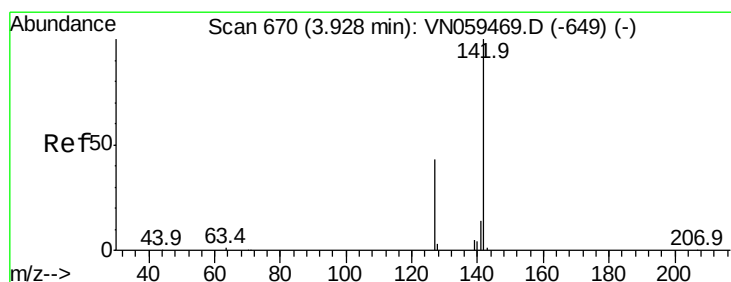
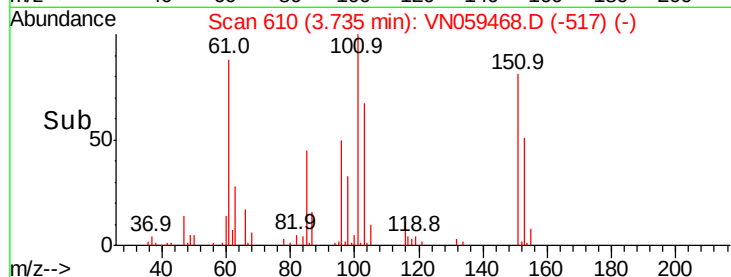
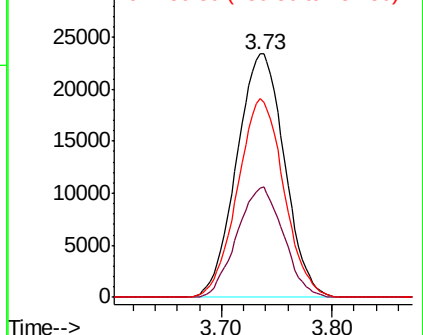
151 79.0 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.738 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

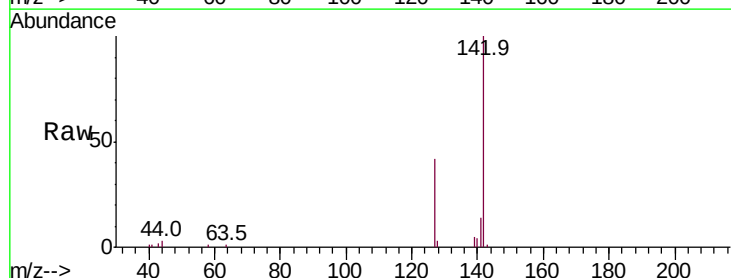
Tgt Ion:142 Resp: 90450

Ion Ratio Lower Upper

142 100

127 41.8 34.6 52.0

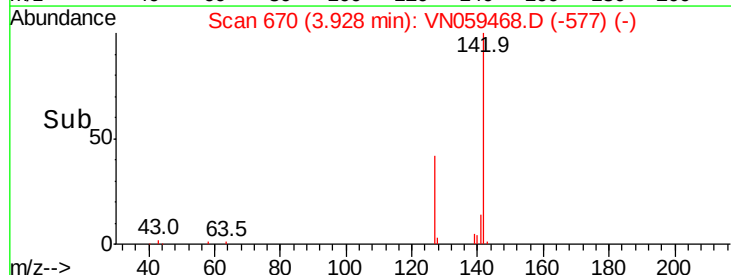
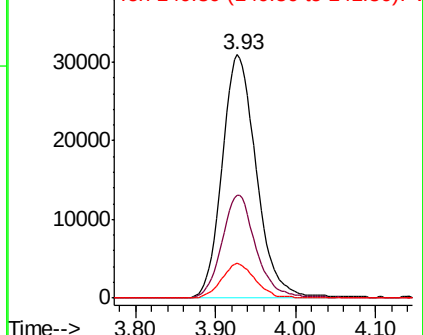
141 13.7 11.4 17.0

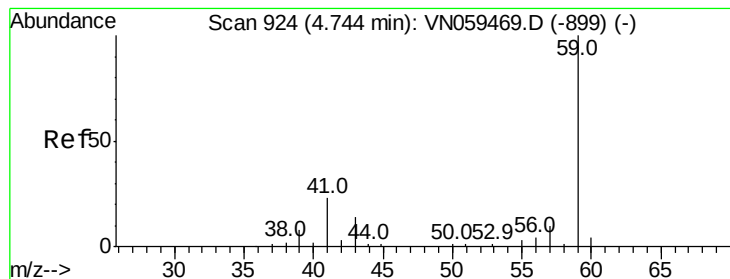


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



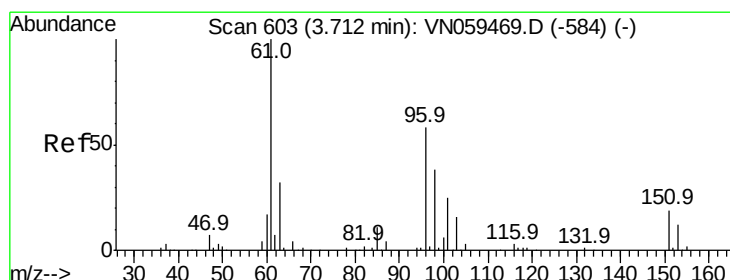
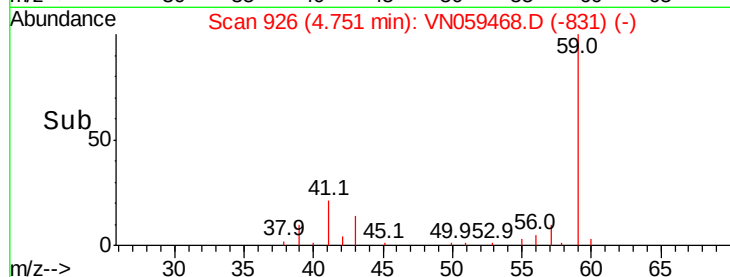
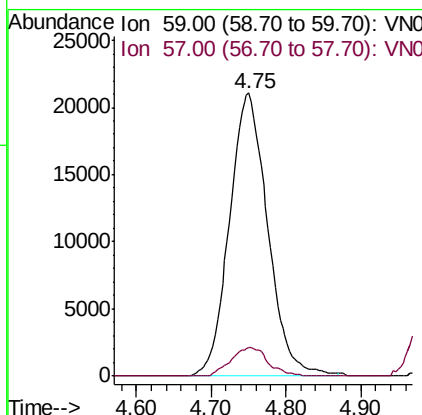
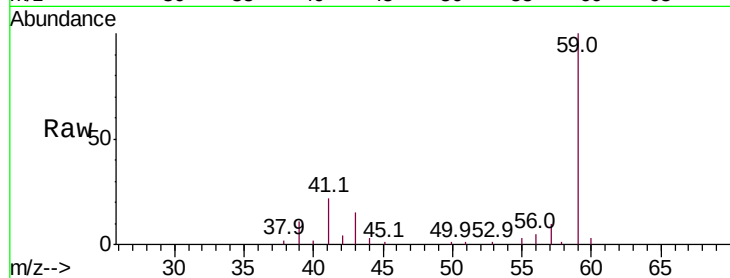


#11

Tert butyl alcohol  
 Concen: 104.542 ug/l  
 RT: 4.75 min Scan# 926  
 Delta R.T. 0.01 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Instrument :  
 MSVOA\_N  
 ClientSampled :

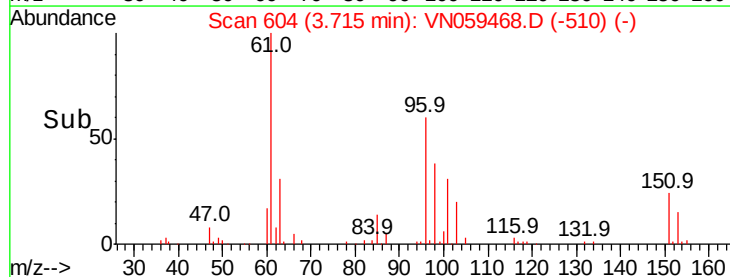
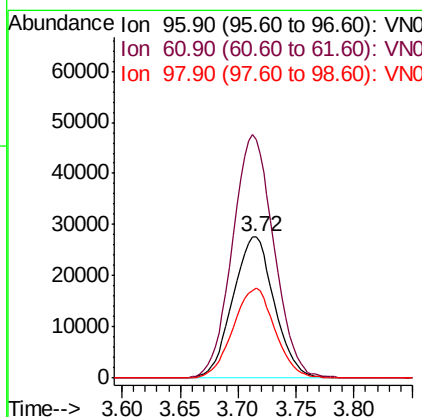
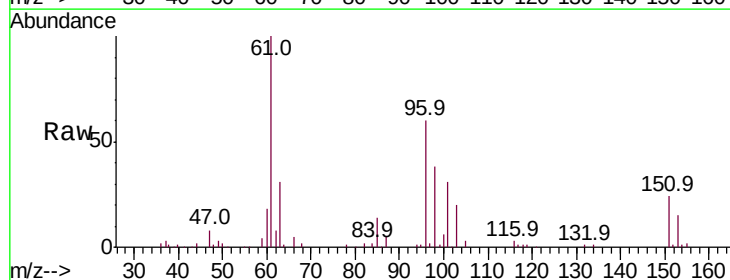
Tot Ion: 59 Resp: 74864  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.1 12.1

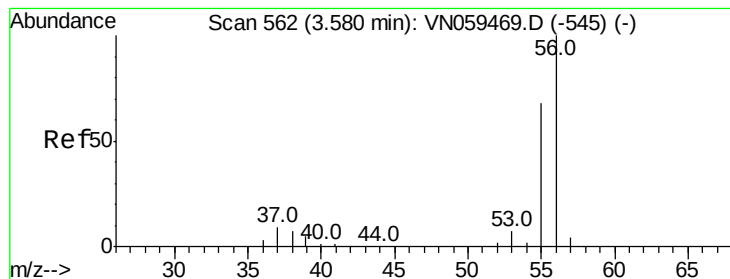


#12

1,1-Dichloroethene  
 Concen: 20.019 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Tgt Ion: 96 Resp: 68664  
 Ion Ratio Lower Upper  
 96 100  
 61 167.5 137.1 205.7  
 98 63.5 52.4 78.6





#13

Acrolein

Concen: 93.658 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

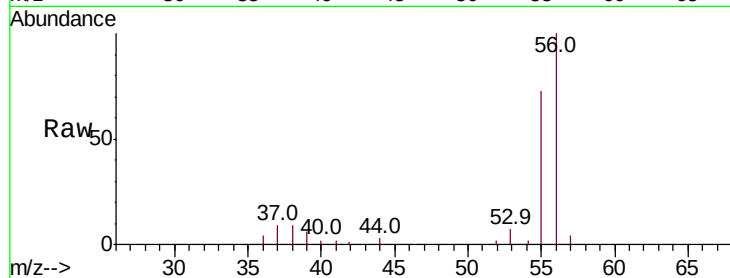
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 63647

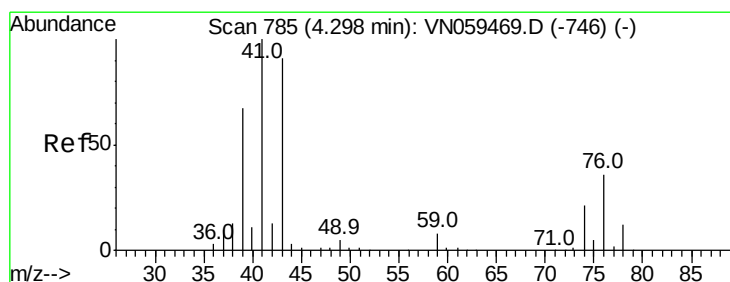
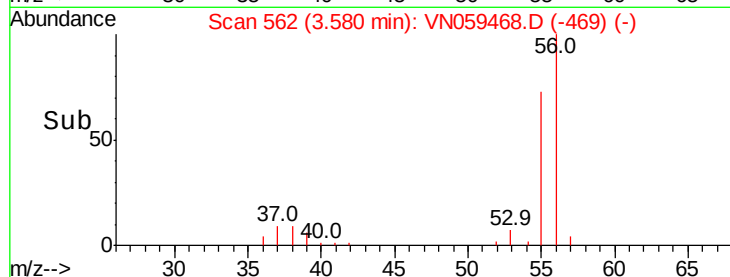
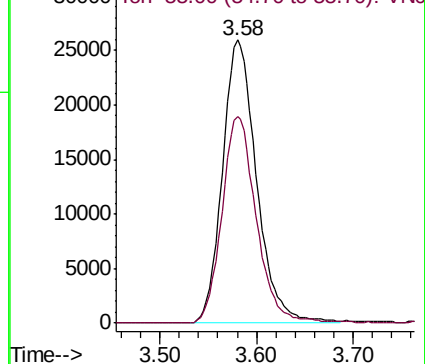
Ion Ratio Lower Upper

56 100

55 73.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 20.792 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

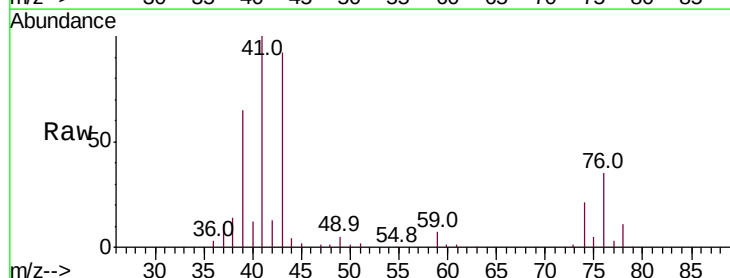
Tgt Ion: 41 Resp: 133450

Ion Ratio Lower Upper

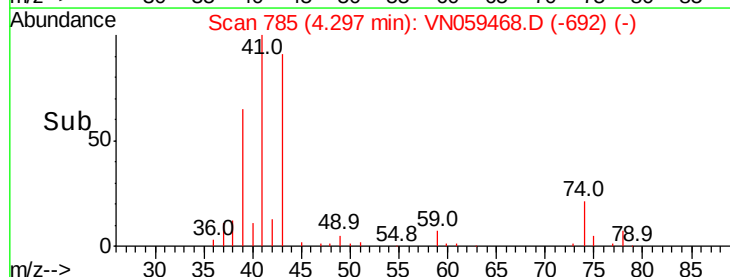
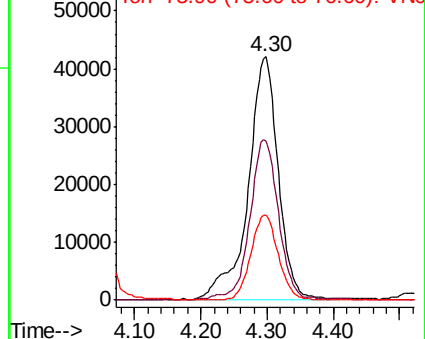
41 100

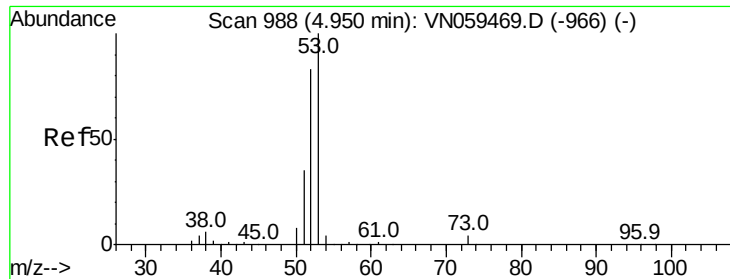
39 62.5 49.3 73.9

76 31.6 25.6 38.4



Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 107.380 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

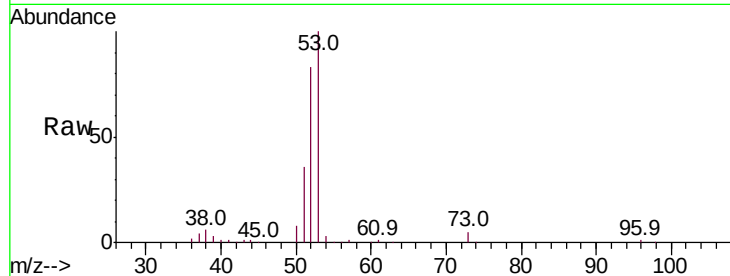
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 53 Resp: 214396

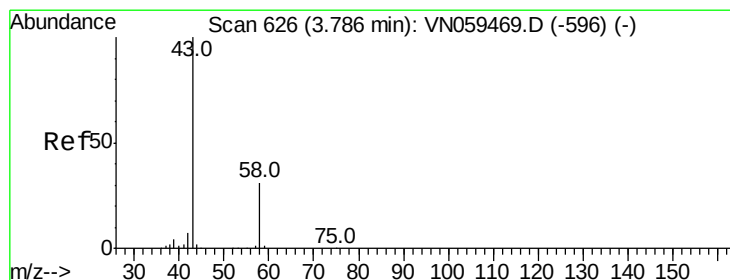
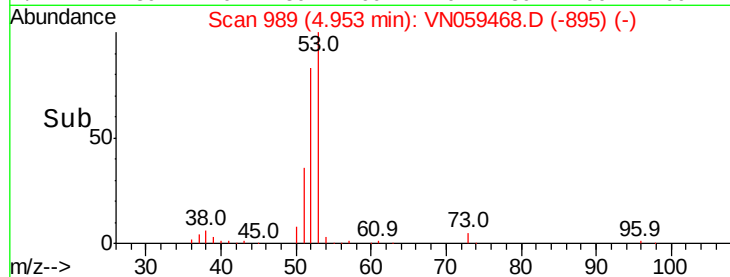
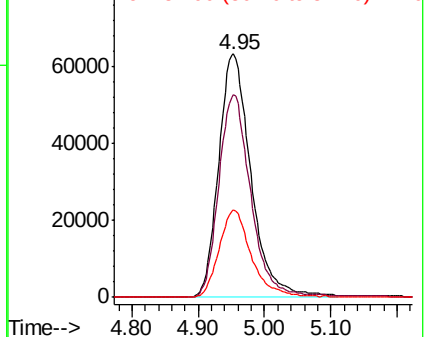
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.6  | 65.5  | 98.3  |
| 51  | 36.0  | 28.5  | 42.7  |



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 125.431 ug/l

RT: 3.79 min Scan# 627

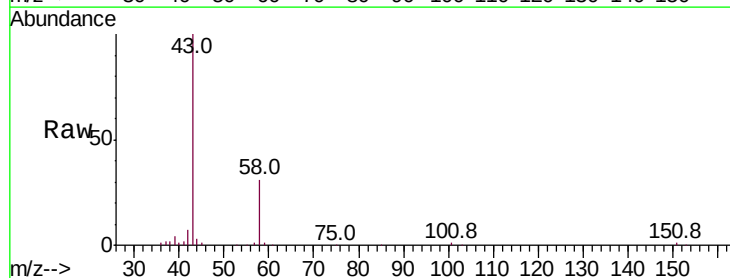
Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

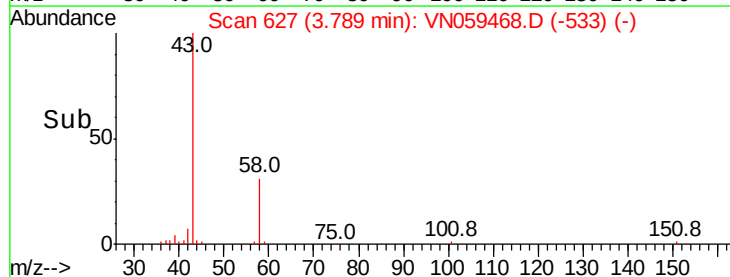
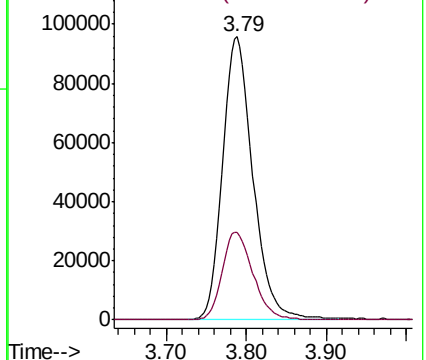
Tgt Ion: 43 Resp: 247820

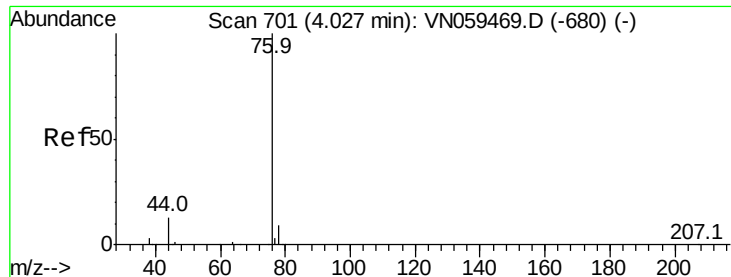
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.9  | 24.9  | 37.3  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.107 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

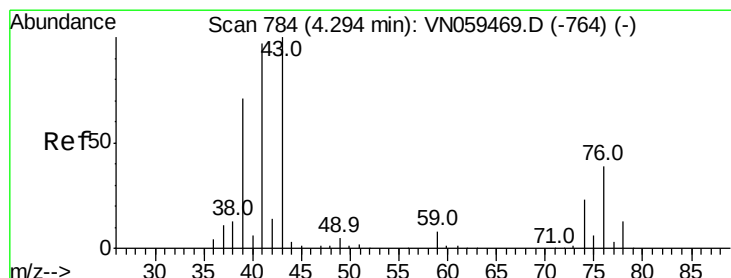
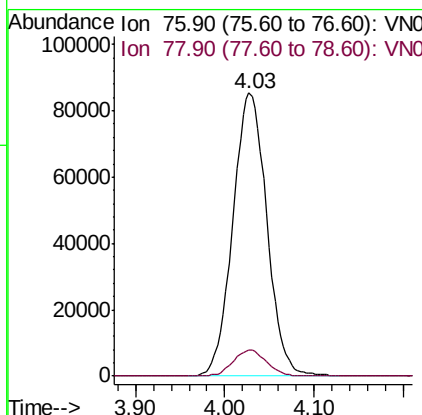
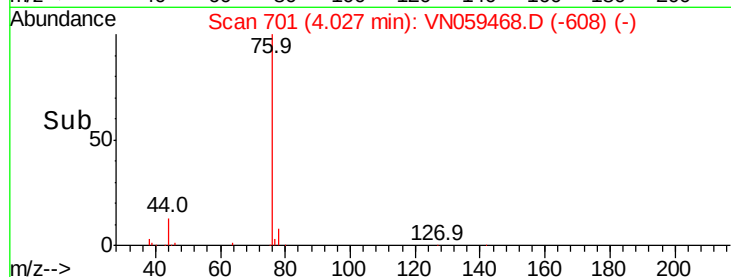
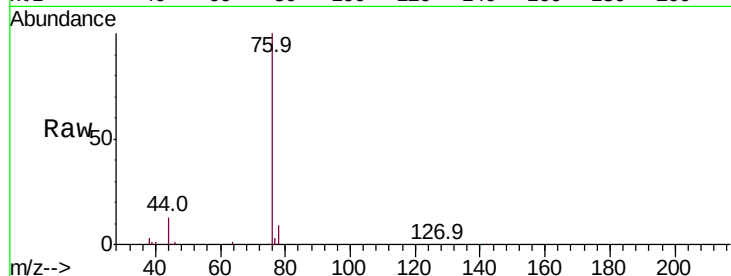
ClientSampled :

Tot Ion: 76 Resp: 225324

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 20.680 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059468.D

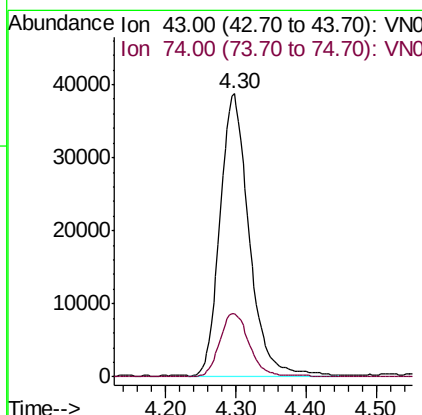
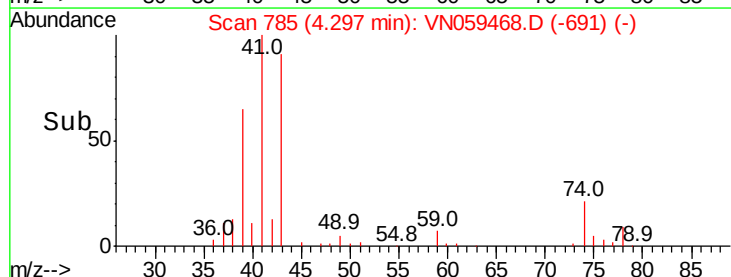
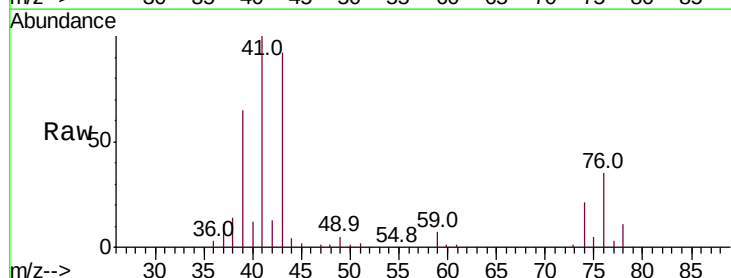
Acq: 3 Dec 2019 14:03

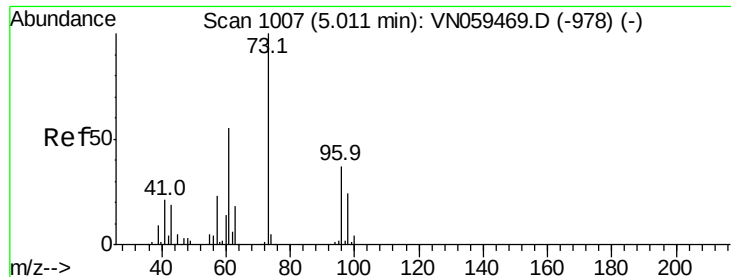
Tgt Ion: 43 Resp: 110920

Ion Ratio Lower Upper

43 100

74 23.1 18.3 27.5

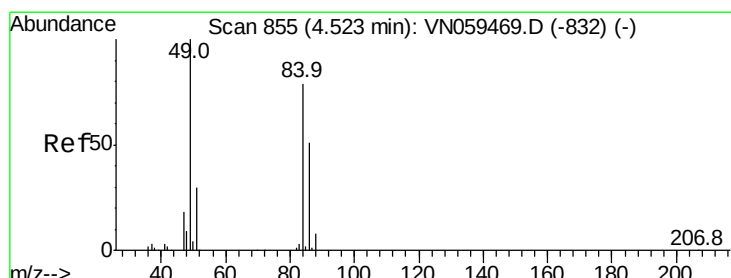
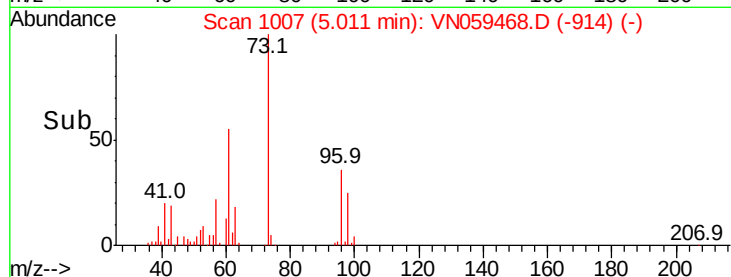
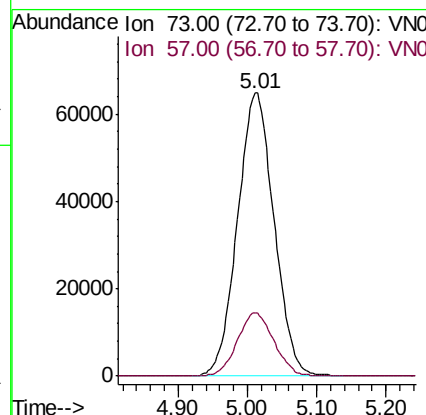
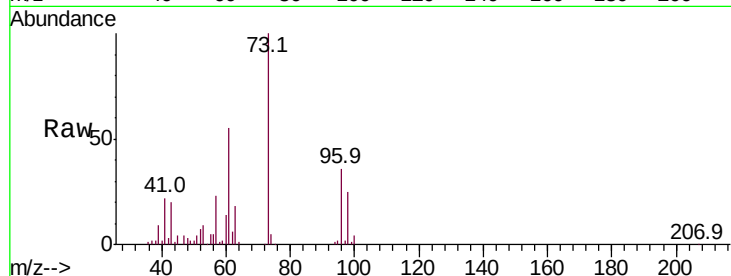




#19  
Methyl tert-butyl Ether  
Concen: 21.278 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

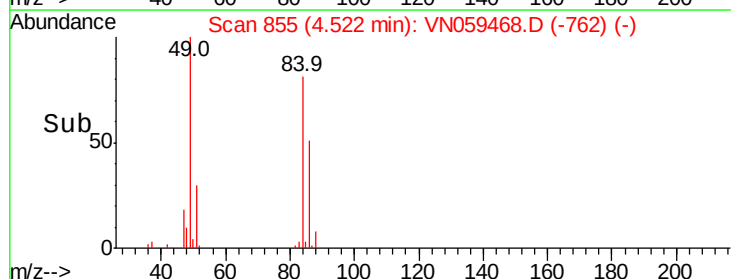
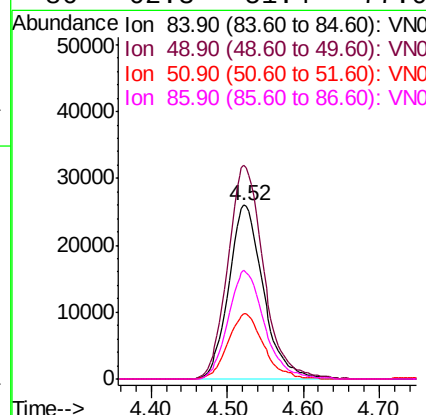
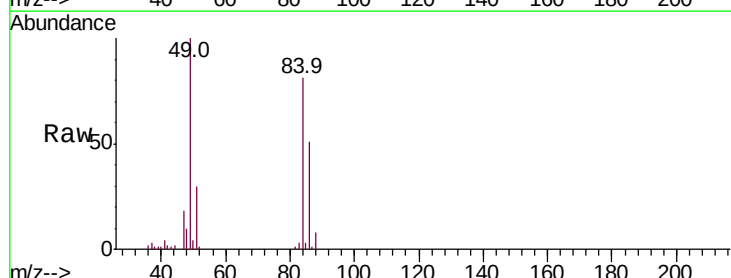
Instrument :  
MSVOA\_N  
ClientSampled :

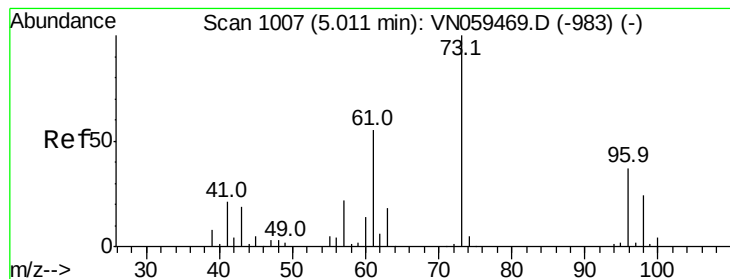
Tot Ion: 73 Resp: 237887  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.0 27.0



#20  
Methylene Chloride  
Concen: 20.912 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Tgt Ion: 84 Resp: 82743  
Ion Ratio Lower Upper  
84 100  
49 122.8 101.1 151.7  
51 37.4 30.7 46.1  
86 62.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.488 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampled :

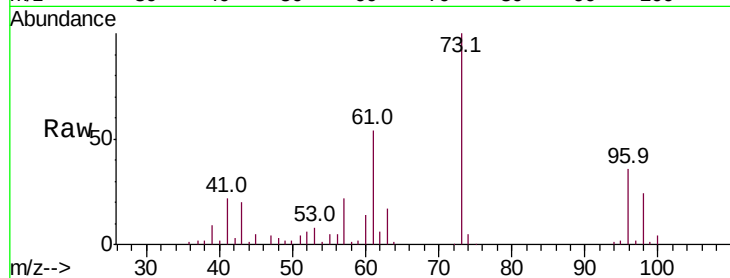
Tot Ion: 96 Resp: 76773

Ion Ratio Lower Upper

96 100

61 150.7 118.9 178.3

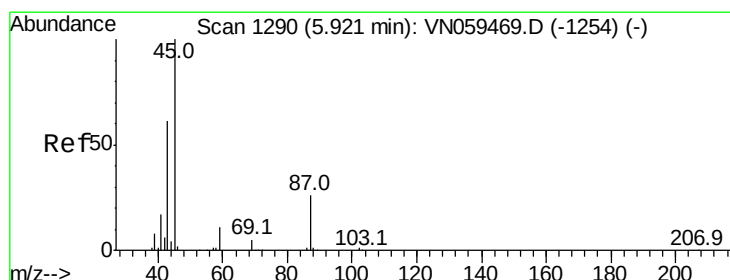
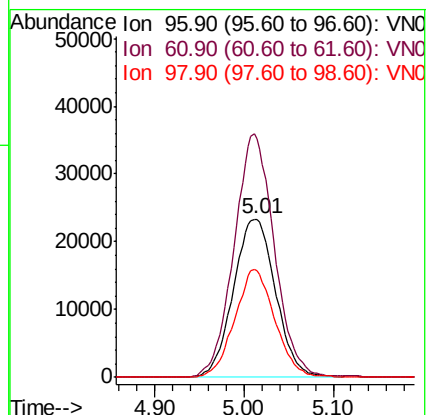
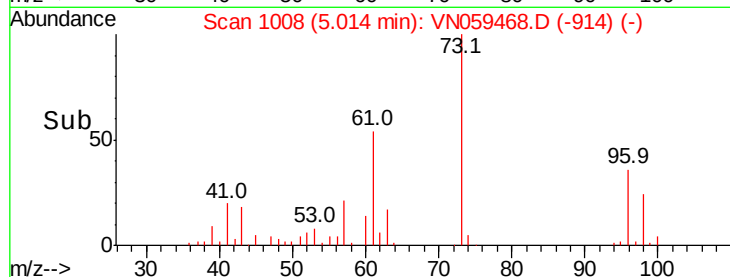
98 67.5 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VN059468.D (-1197) (-)

Ion 60.90 (60.60 to 61.60): VN059468.D (-1197) (-)

Ion 97.90 (97.60 to 98.60): VN059468.D (-1197) (-)



#22

Diisopropyl ether

Concen: 21.476 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Tgt Ion: 45 Resp: 257222

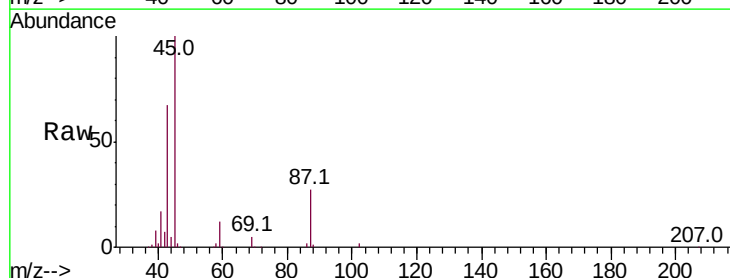
Ion Ratio Lower Upper

45 100

43 65.1 49.1 73.7

87 26.7 21.6 32.4

59 11.7 9.0 13.4

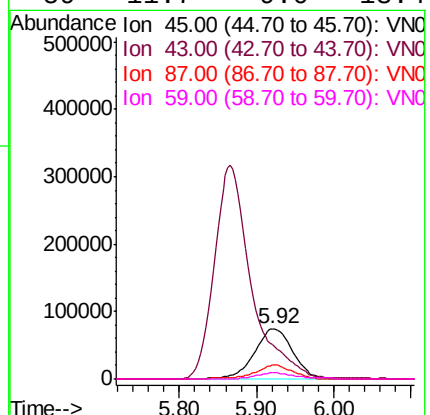
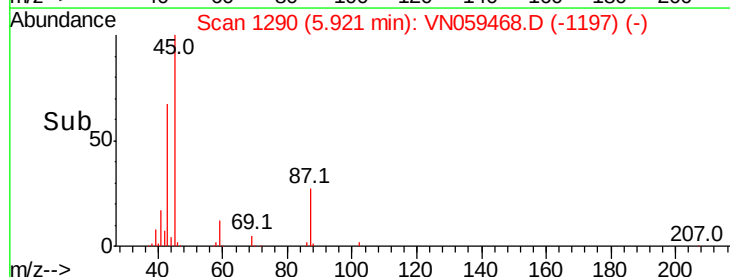


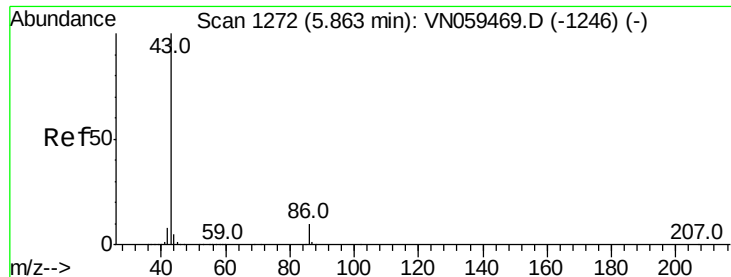
Abundance Ion 45.00 (44.70 to 45.70): VN059468.D (-1197) (-)

Ion 43.00 (42.70 to 43.70): VN059468.D (-1197) (-)

Ion 87.00 (86.70 to 87.70): VN059468.D (-1197) (-)

Ion 59.00 (58.70 to 59.70): VN059468.D (-1197) (-)





#23

Vinyl Acetate

Concen: 108.888 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

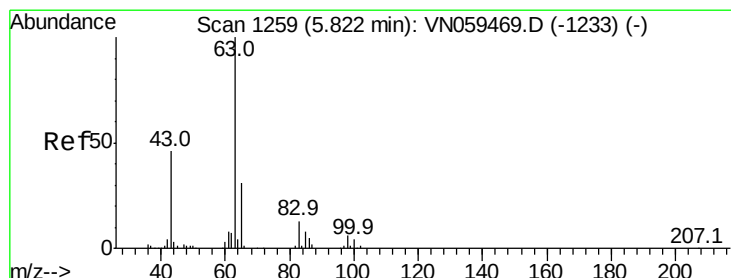
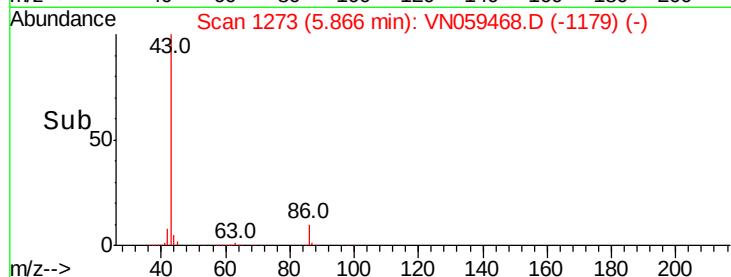
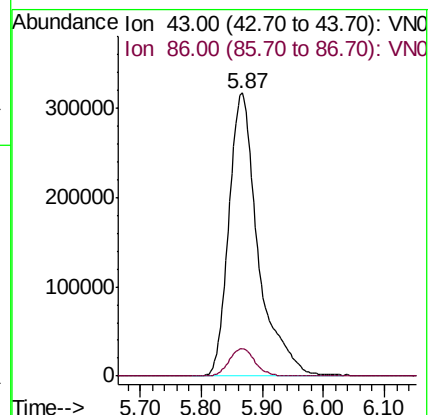
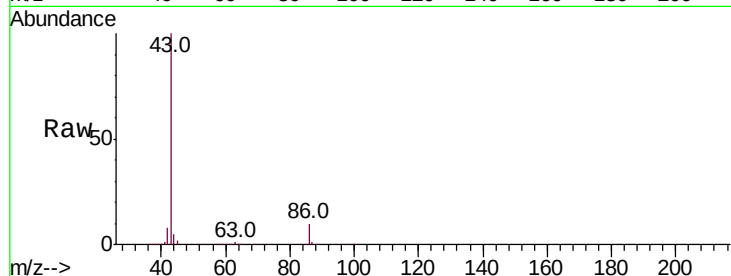
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 1057485

Ion Ratio Lower Upper

43 100

86 9.6 8.0 12.0



#24

1,1-Dichloroethane

Concen: 21.387 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

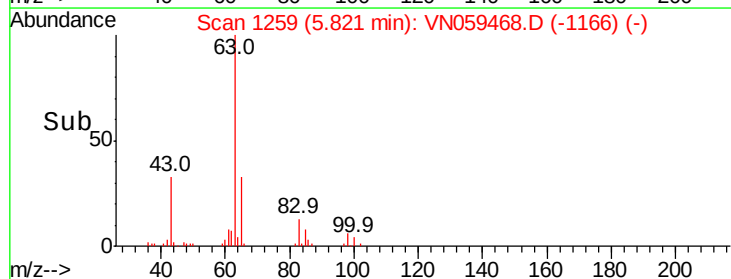
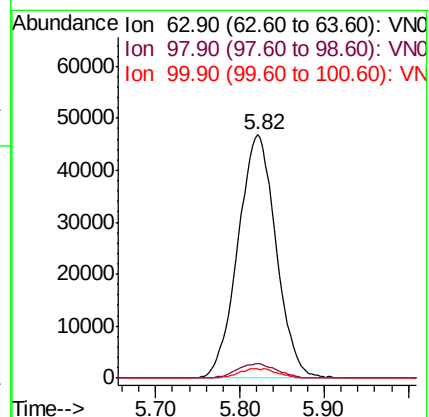
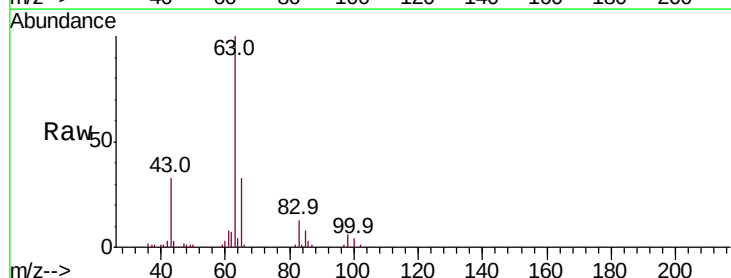
Tgt Ion: 63 Resp: 147027

Ion Ratio Lower Upper

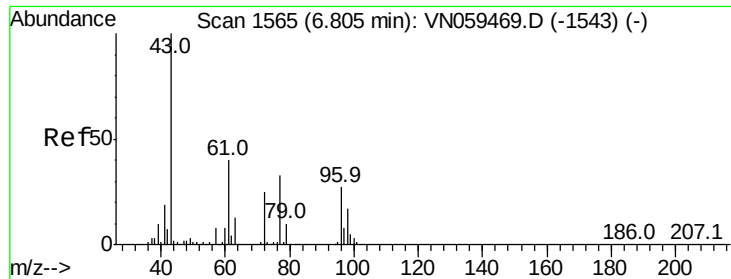
63 100

98 5.9 3.2 9.6

100 3.6 2.0 6.0







#25

2-Butanone

Concen: 112.740 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

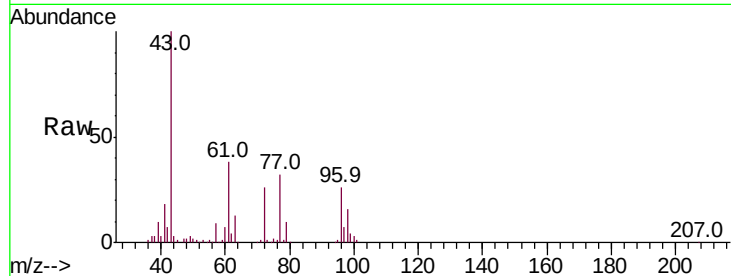
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 307127

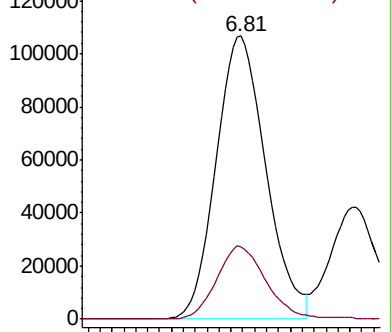
Ion Ratio Lower Upper

43 100

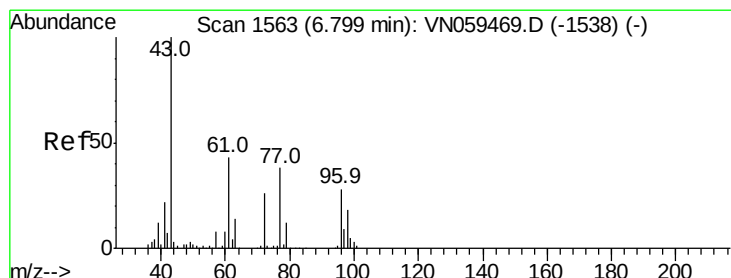
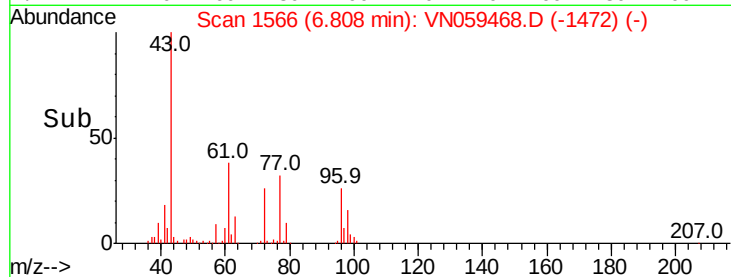
72 25.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 21.247 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059468.D

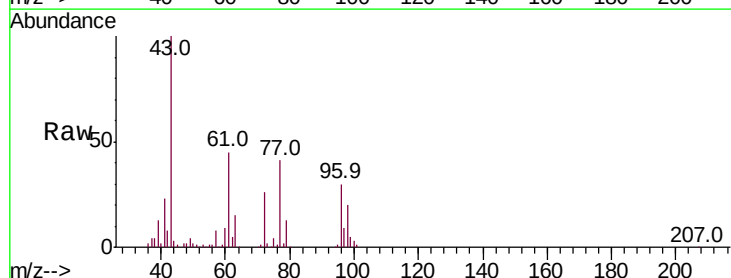
Acq: 3 Dec 2019 14:03

Tgt Ion: 77 Resp: 124470

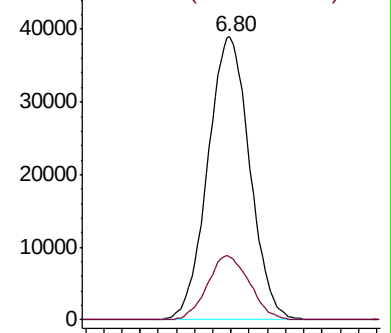
Ion Ratio Lower Upper

77 100

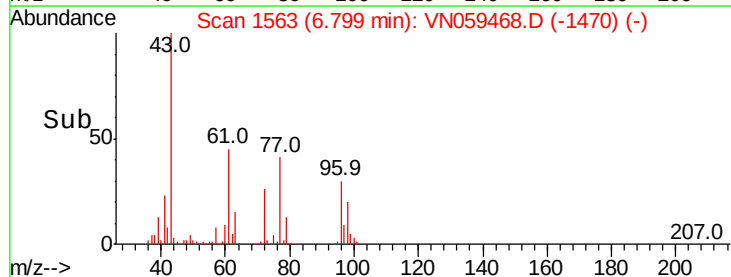
97 22.8 11.4 34.1

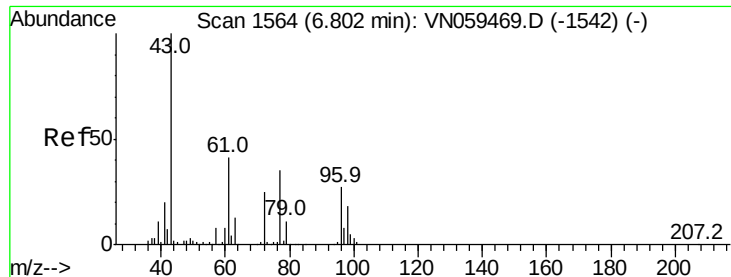


Abundance Ion 76.90 (76.60 to 77.60): VN0  
Ion 96.90 (96.60 to 97.60): VN0



Time-->

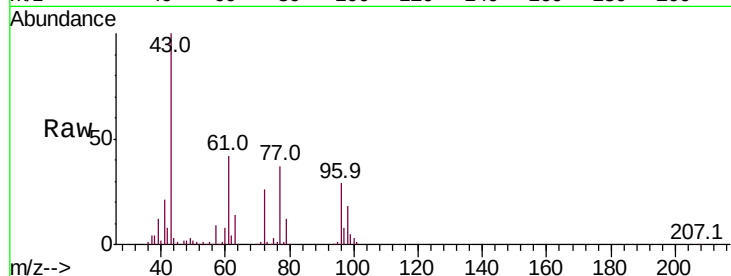




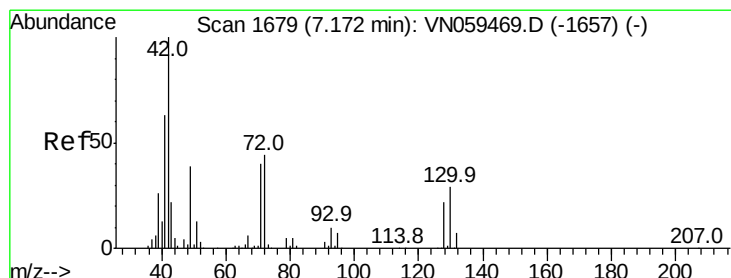
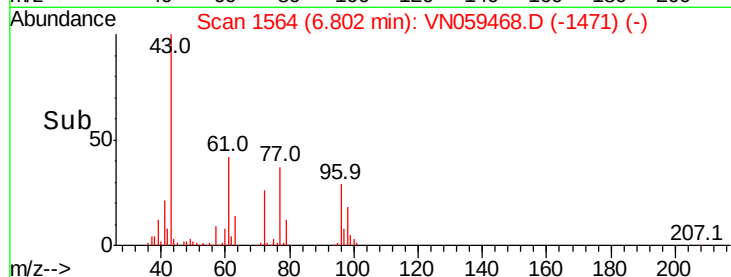
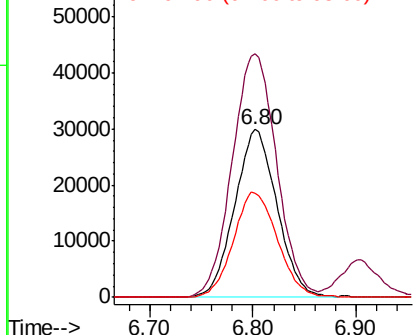
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.728 ug/l  
 RT: 6.80 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 96 Resp: 85223  
 Ion Ratio Lower Upper  
 96 100  
 61 152.6 0.0 307.4  
 98 65.1 0.0 129.2

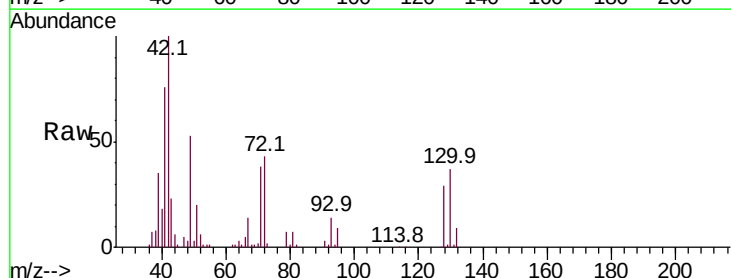


Abundance Ion 95.90 (95.60 to 96.60): VN0  
 Ion 60.90 (60.60 to 61.60): VN0  
 Ion 97.90 (97.60 to 98.60): VN0

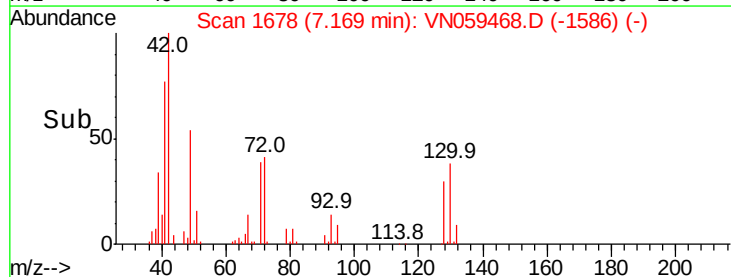
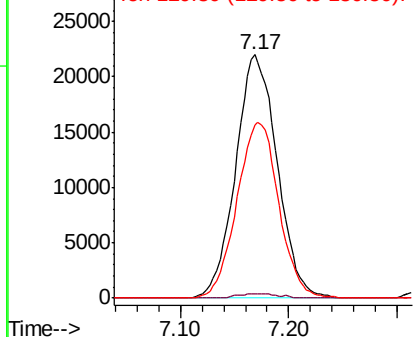


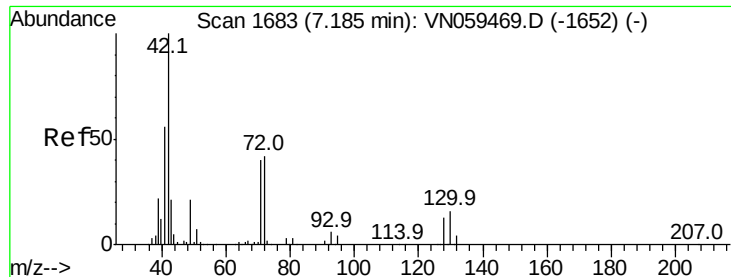
#28  
 Bromochloromethane  
 Concen: 25.164 ug/l  
 RT: 7.17 min Scan# 1678  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Tgt Ion: 49 Resp: 58981  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 3.2  
 130 72.6 58.4 87.6



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: 107.498 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampleId :

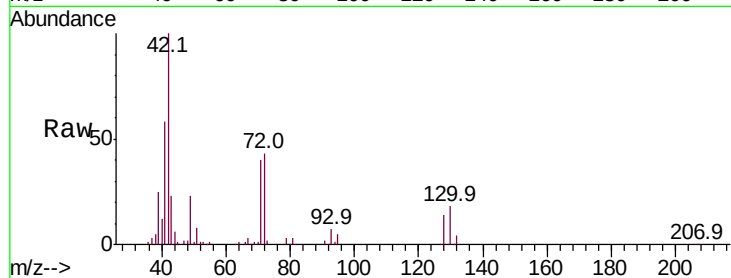
Tot Ion: 42 Resp: 194753

Ion Ratio Lower Upper

42 100

72 42.9 34.2 51.2

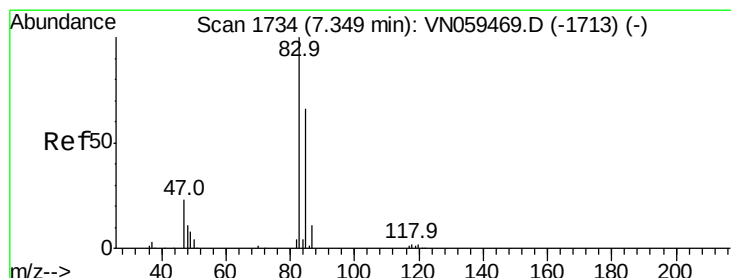
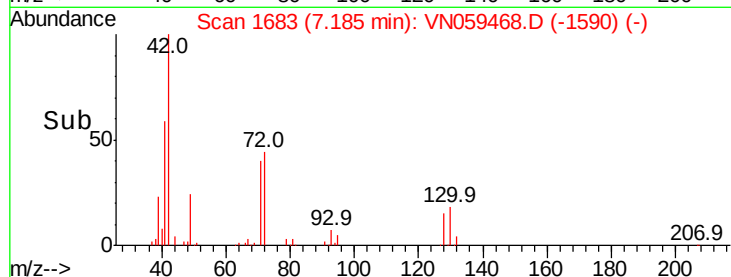
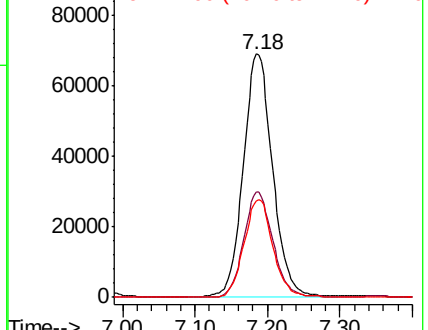
71 39.6 32.0 48.0



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: 20.137 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.00 min

Lab File: VN059468.D

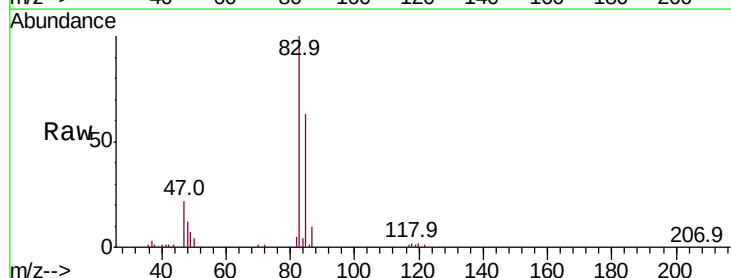
Acq: 3 Dec 2019 14:03

Tgt Ion: 83 Resp: 139127

Ion Ratio Lower Upper

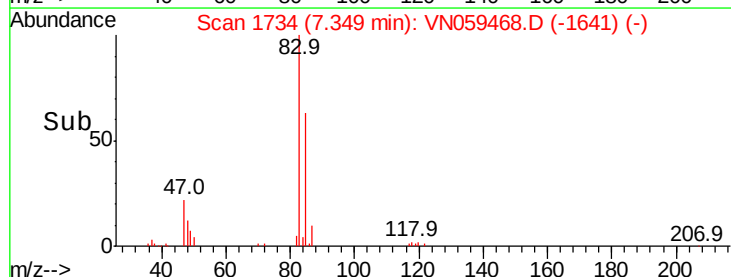
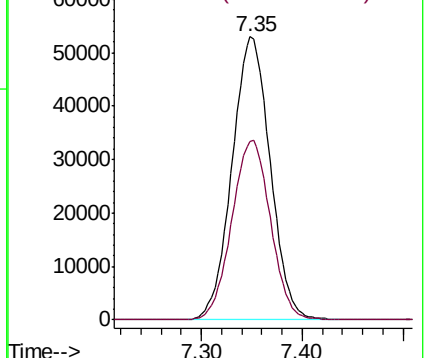
83 100

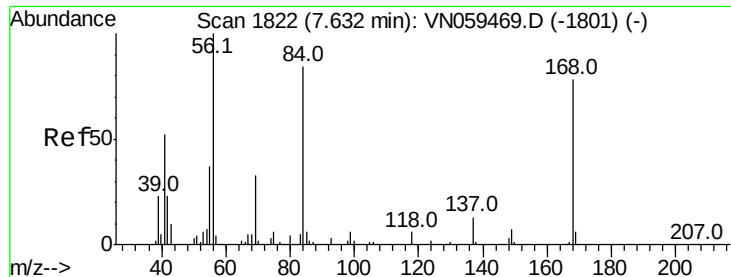
85 63.2 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.885 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :  
MSVOA\_N  
ClientSampled :

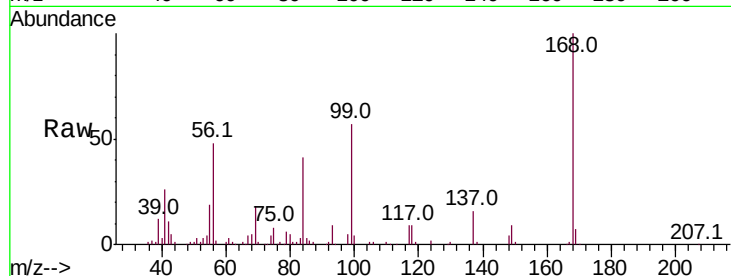
Tot Ion: 56 Resp: 136995

Ion Ratio Lower Upper

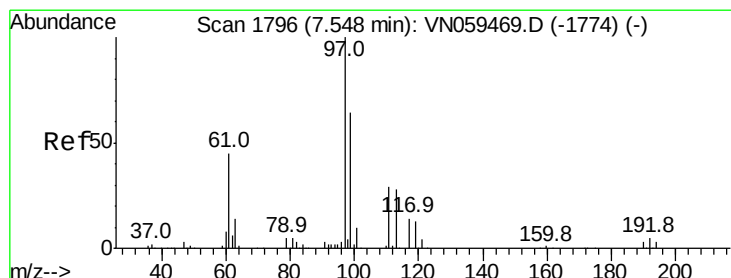
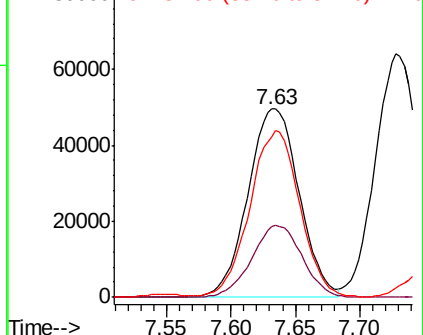
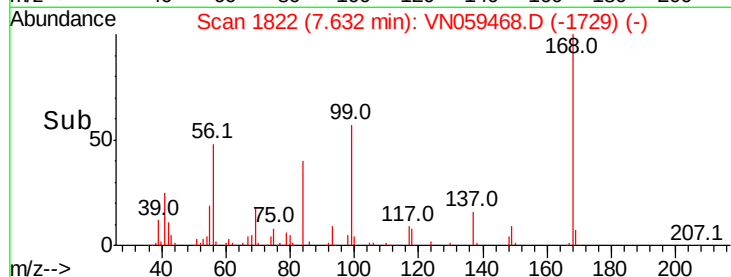
56 100

69 37.5 26.2 39.4

84 84.5 66.8 100.2



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: 21.414 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

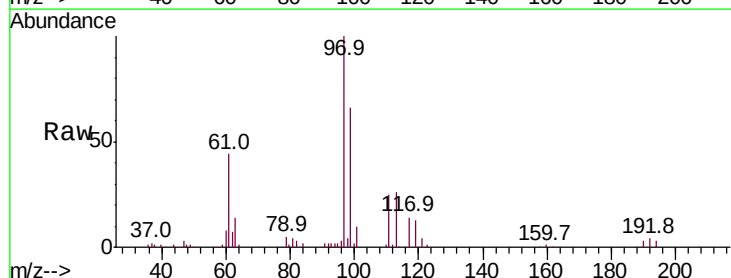
Tgt Ion: 97 Resp: 121099

Ion Ratio Lower Upper

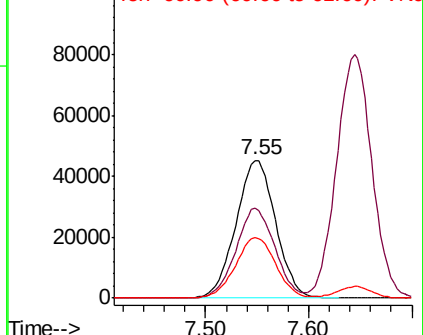
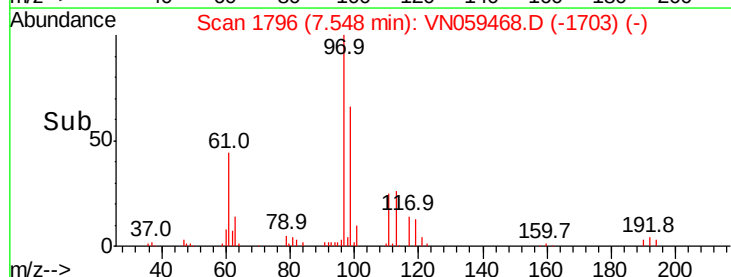
97 100

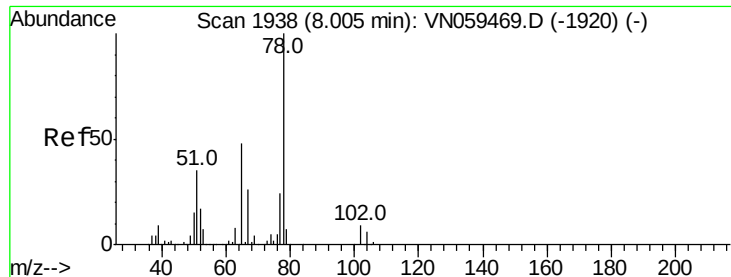
99 64.1 51.7 77.5

61 44.7 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

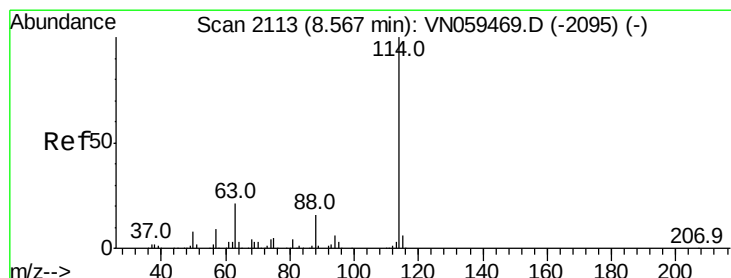
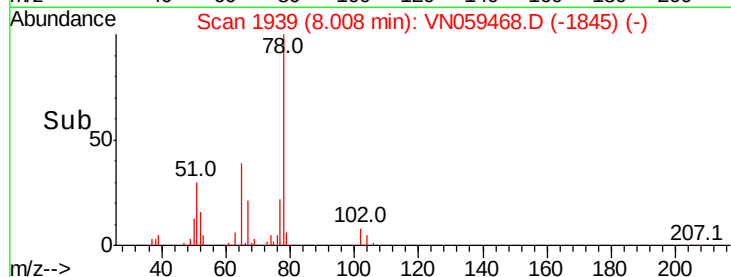
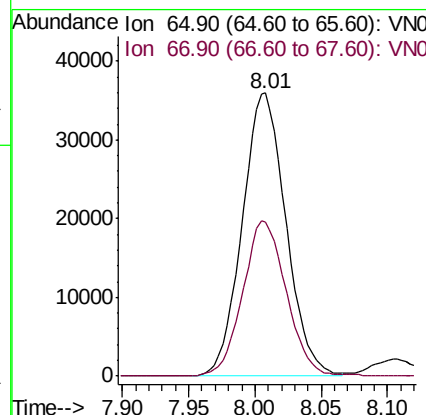
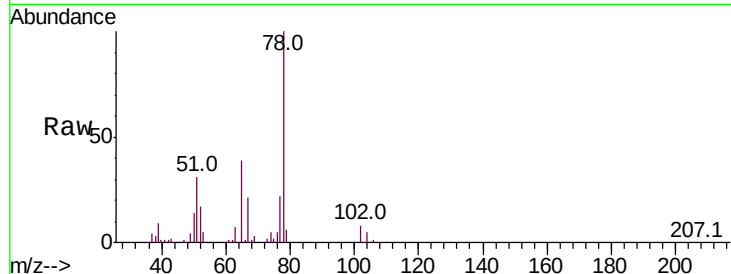




#33  
 1,2-Dichloroethane-d4  
 Concen: 20.082 ug/l  
 RT: 8.01 min Scan# 1939  
 Delta R.T. 0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

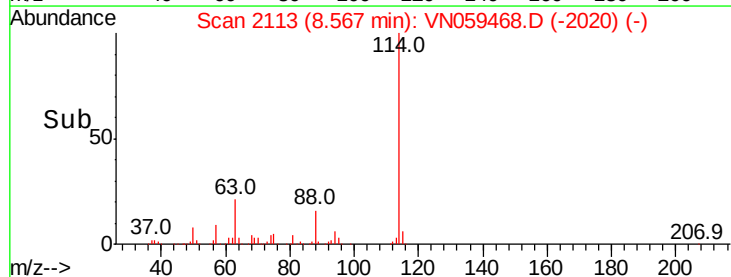
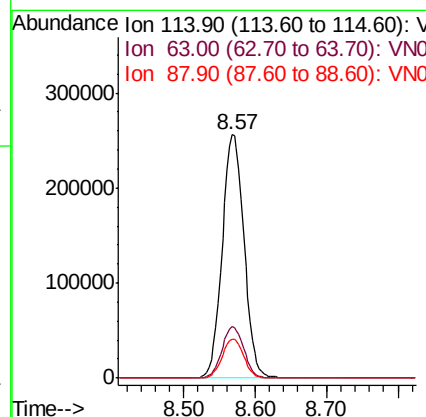
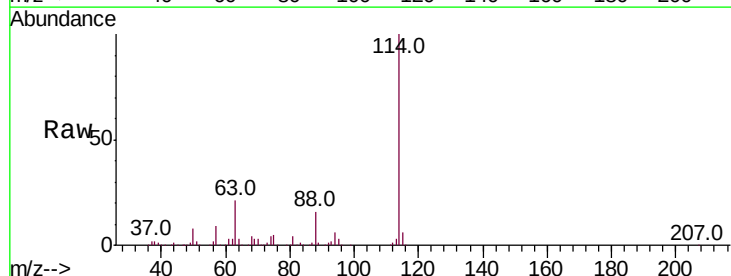
Instrument :  
 MSVOA\_N  
 ClientSampleId :

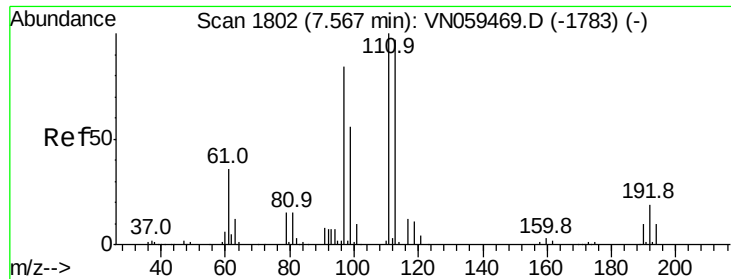
Tot Ion: 65 Resp: 82235  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Tgt Ion: 114 Resp: 543580  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 42.4  
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 19.180 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :  
MSVOA\_N  
ClientSampleId :

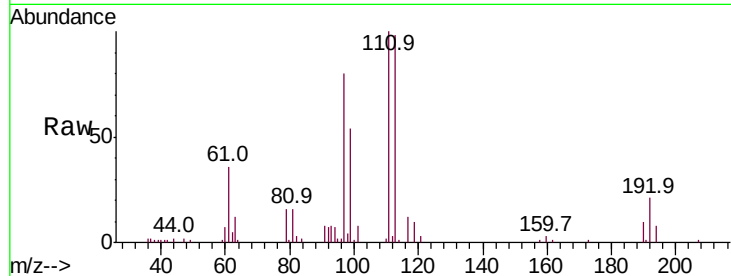
Tot Ion:113 Resp: 63825

Ion Ratio Lower Upper

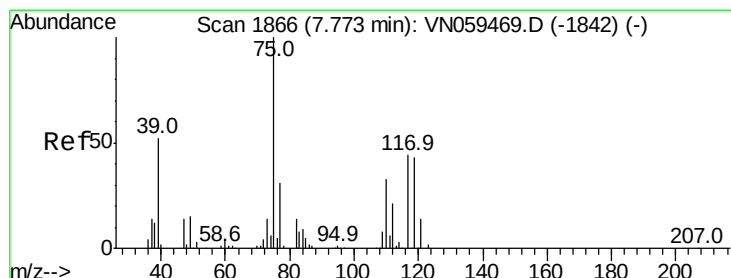
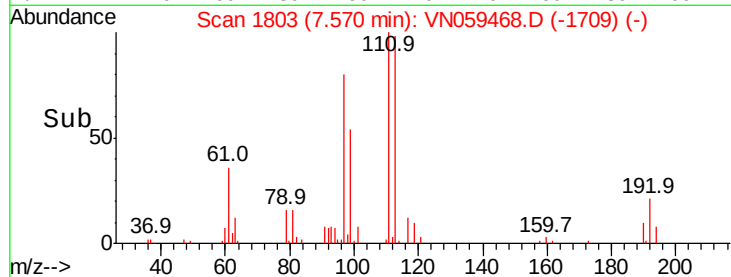
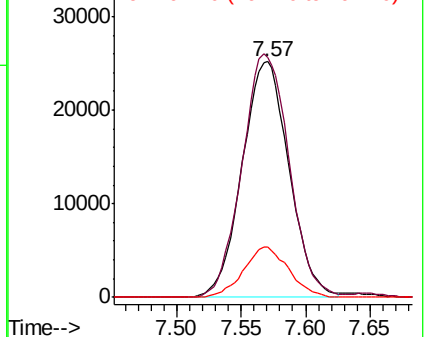
113 100

111 103.7 82.5 123.7

192 20.5 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.382 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

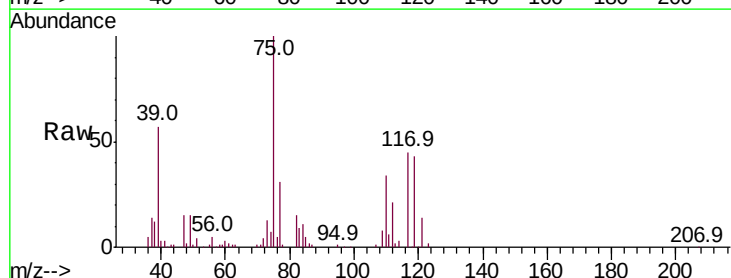
Tgt Ion: 75 Resp: 107743

Ion Ratio Lower Upper

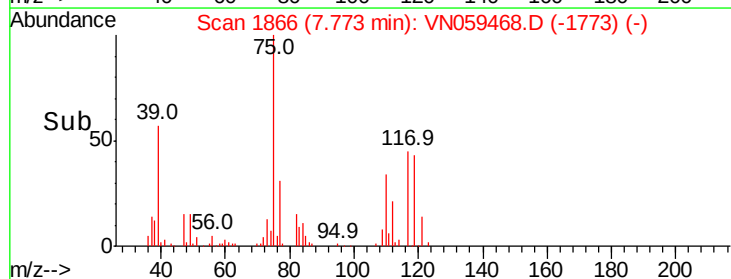
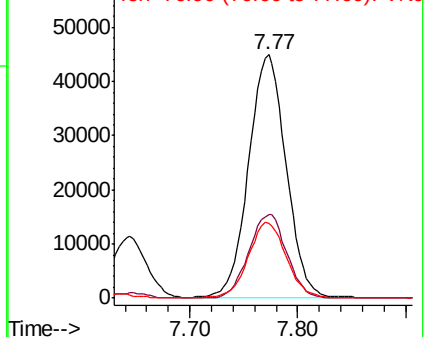
75 100

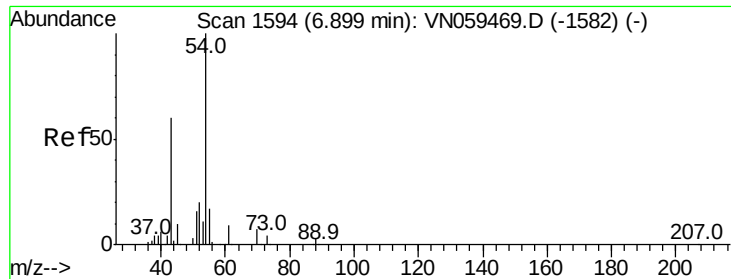
110 34.9 16.9 50.7

77 31.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V

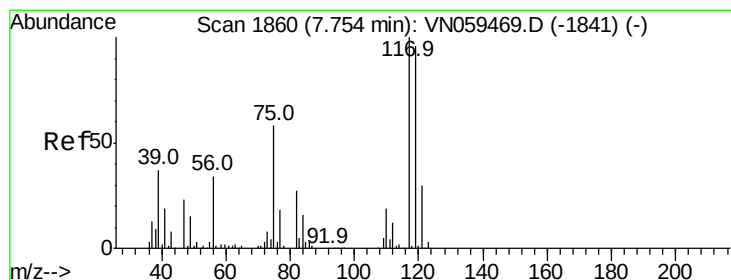
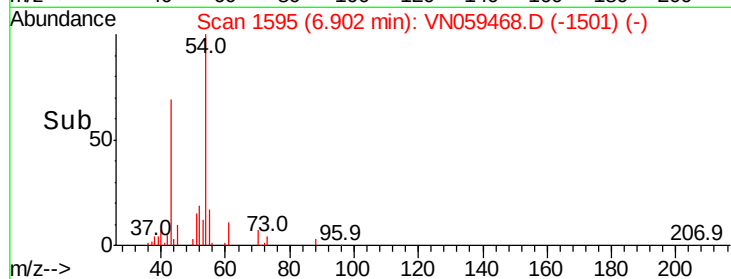
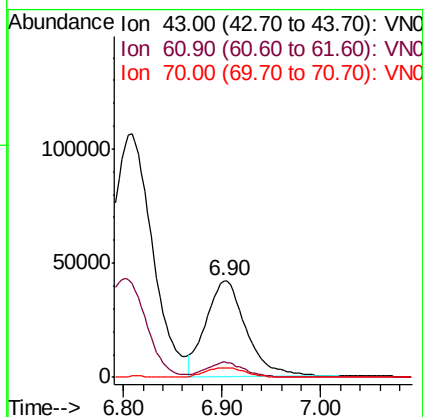
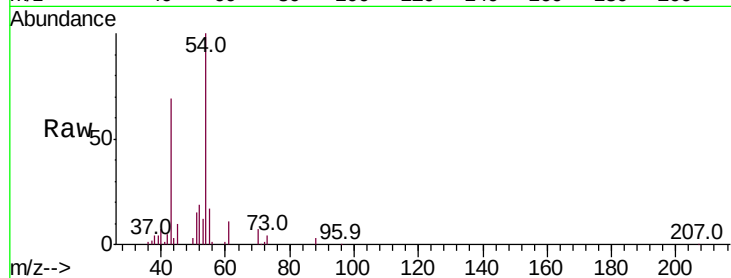




#37  
Ethyl Acetate  
Concen: 20.885 ug/l  
RT: 6.90 min Scan# 1595  
Delta R.T. 0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

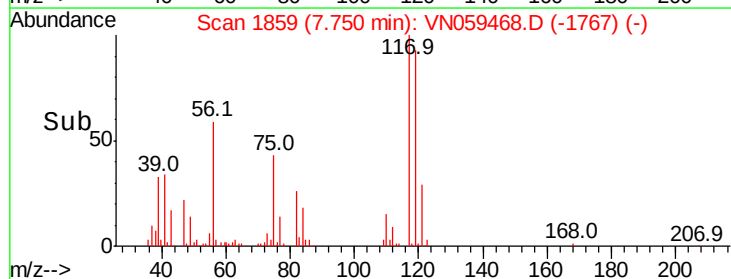
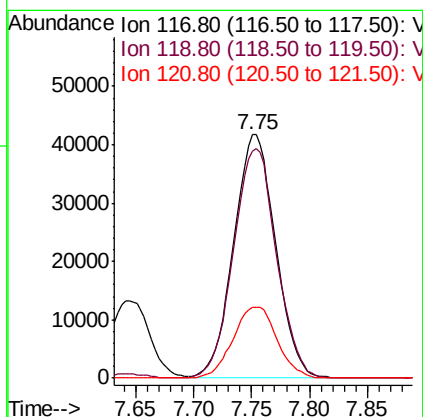
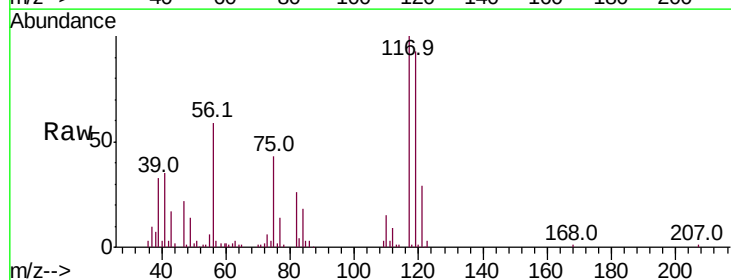
Instrument :  
MSVOA\_N  
ClientSampleId :

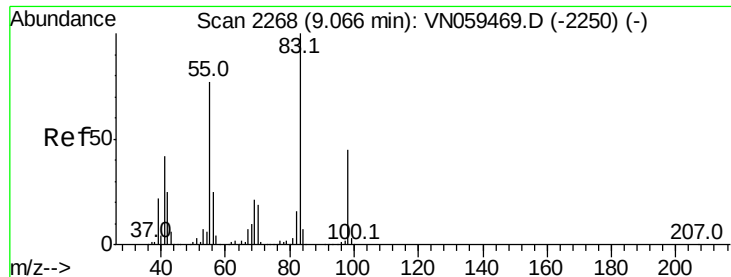
Tot Ion: 43 Resp: 119037  
Ion Ratio Lower Upper  
43 100  
61 15.3 11.3 16.9  
70 10.4 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 21.009 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Tgt Ion: 117 Resp: 105344  
Ion Ratio Lower Upper  
117 100  
119 93.2 76.6 114.8  
121 28.9 24.0 36.0

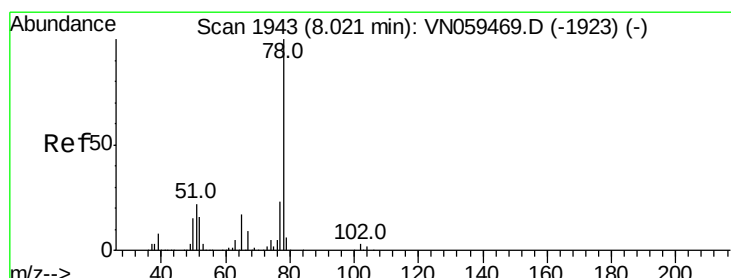
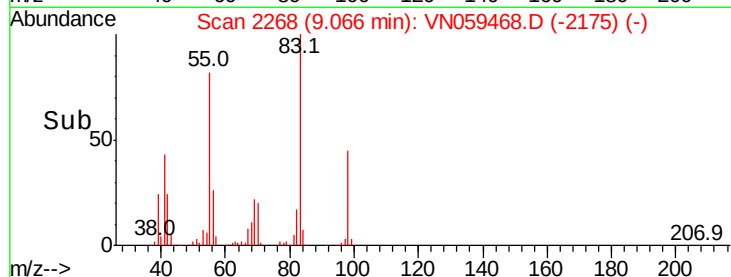
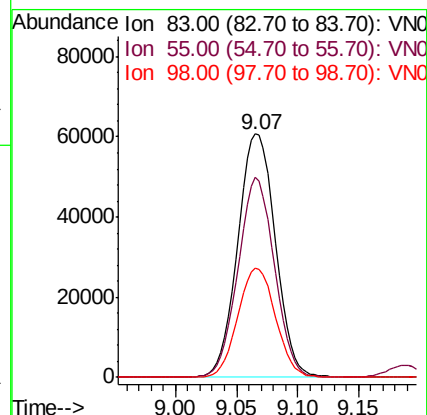
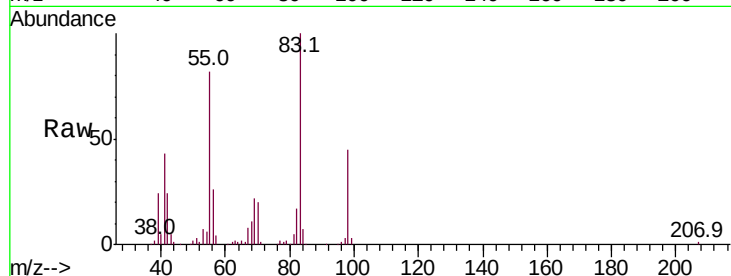




#39  
Methylvlcyclohexane  
Concen: 20.512 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

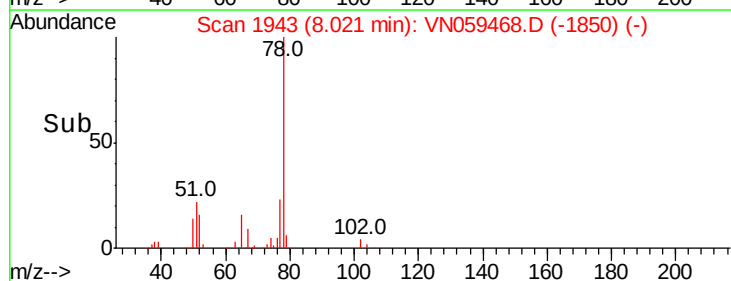
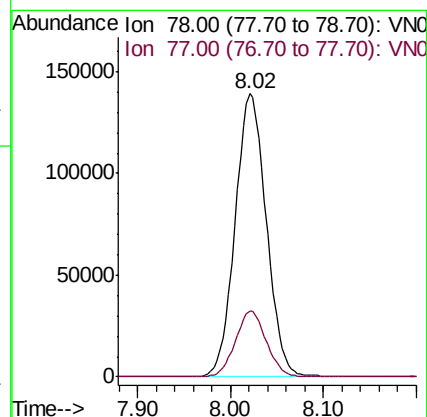
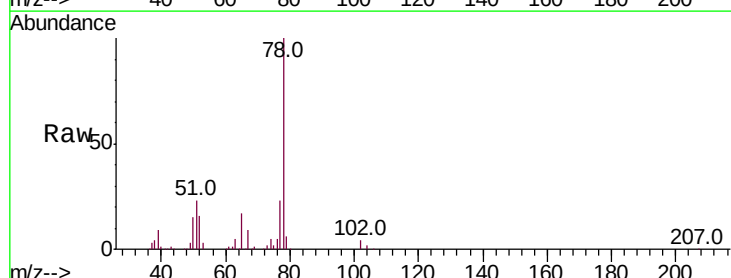
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 129813  
Ion Ratio Lower Upper  
83 100  
55 82.2 61.8 92.6  
98 45.0 36.2 54.2

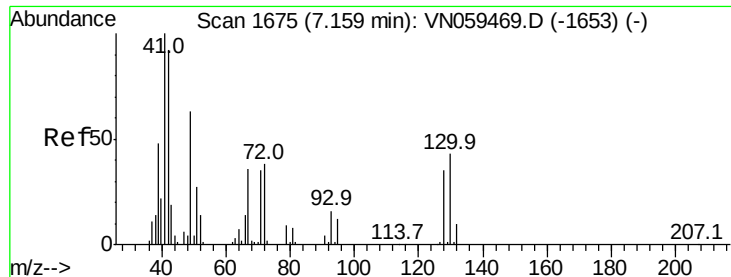


#40  
Benzene  
Concen: 20.653 ug/l  
RT: 8.02 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Tgt Ion: 78 Resp: 324634  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.2 27.2



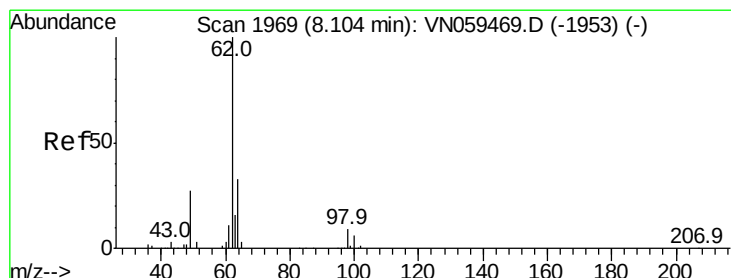
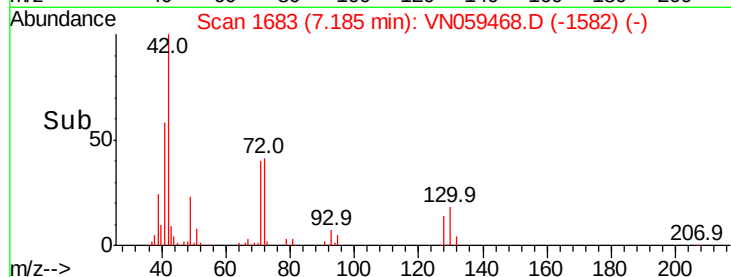
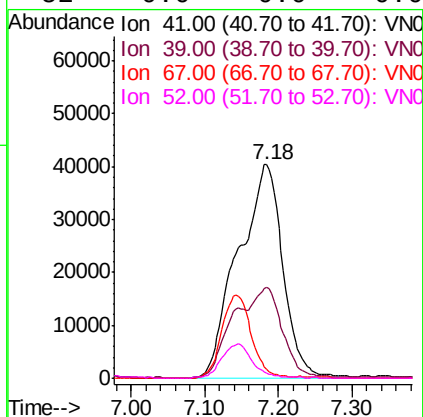
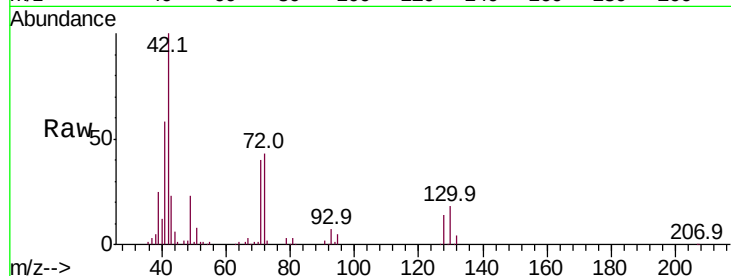




#41  
Methacrylonitrile  
Concen: 64.205 ug/l  
RT: 7.18 min Scan# 1683  
Delta R.T. 0.03 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

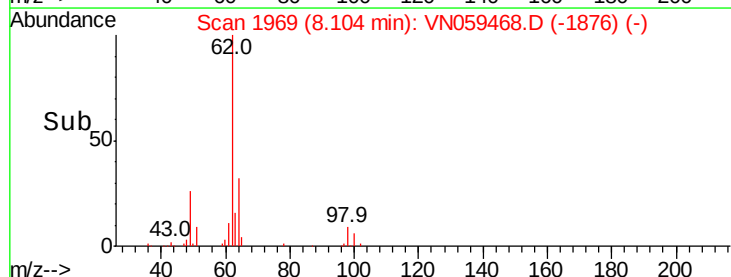
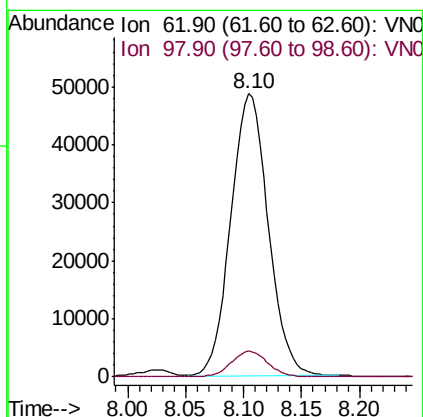
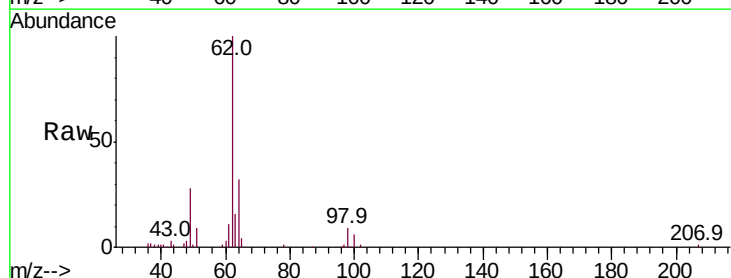
Instrument :  
MSVOA\_N  
ClientSampled :

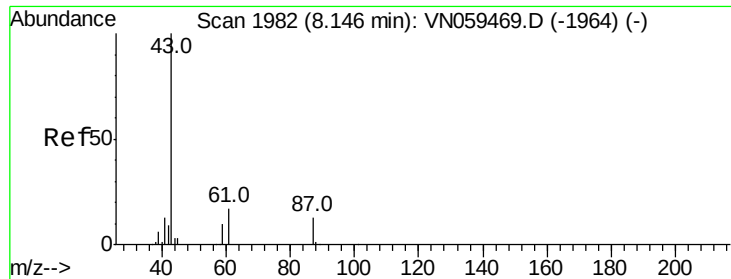
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 169882 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |



#42  
1,2-Dichloroethane  
Concen: 21.795 ug/l  
RT: 8.10 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 109455 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.8   | 0.0   | 17.8   |





#43

Isopropyl Acetate

Concen: 21.198 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampled :

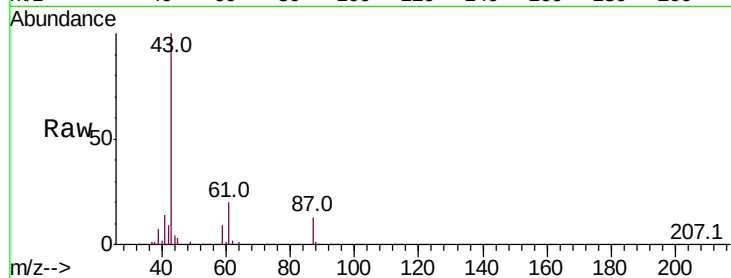
Tot Ion: 43 Resp: 182691

Ion Ratio Lower Upper

43 100

61 26.6 21.0 31.6

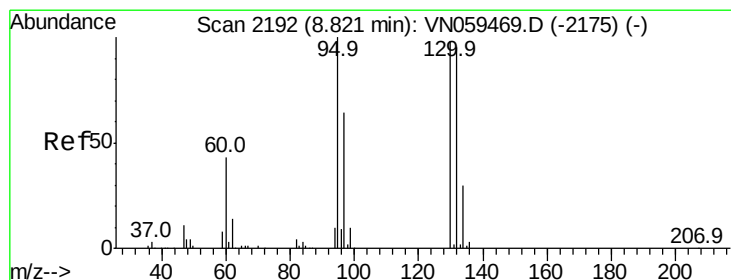
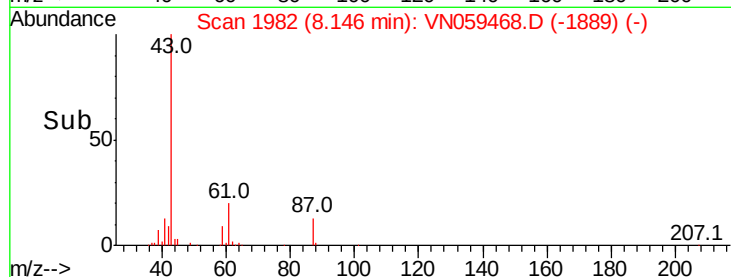
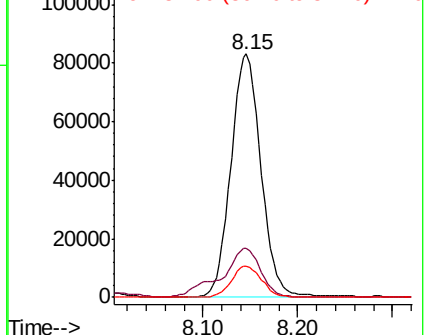
87 12.9 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.619 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN059468.D

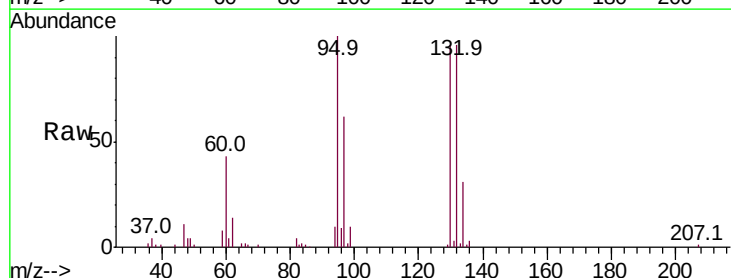
Acq: 3 Dec 2019 14:03

Tgt Ion:130 Resp: 82485

Ion Ratio Lower Upper

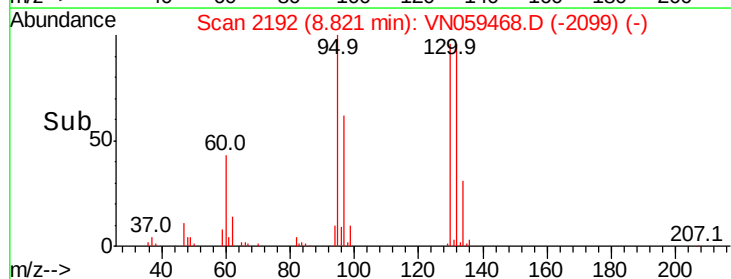
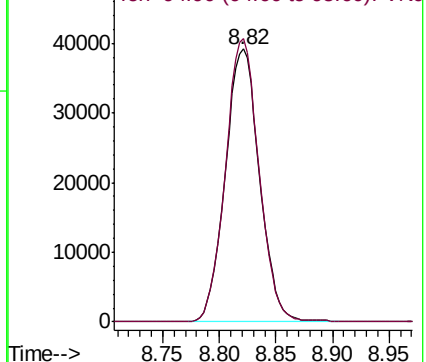
130 100

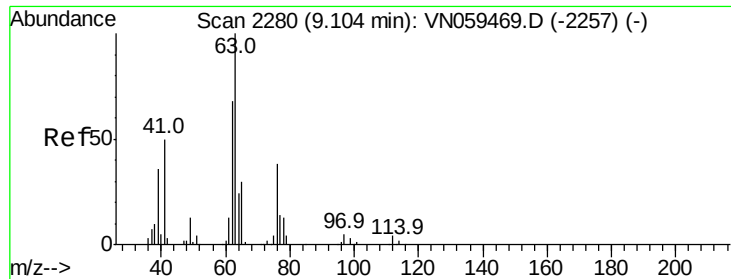
95 103.7 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

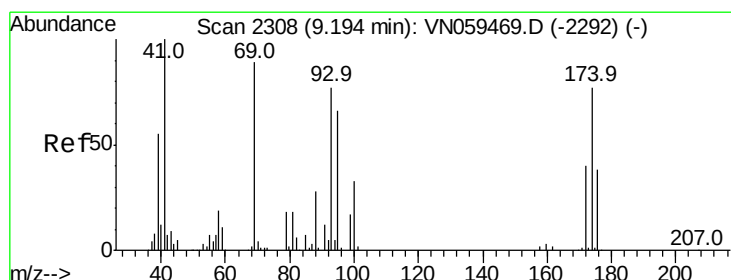
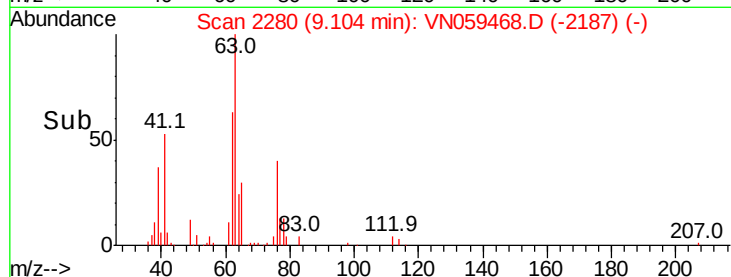
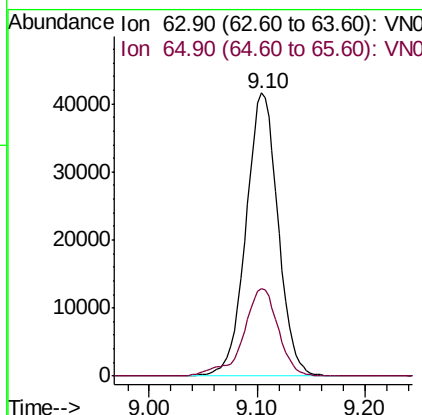
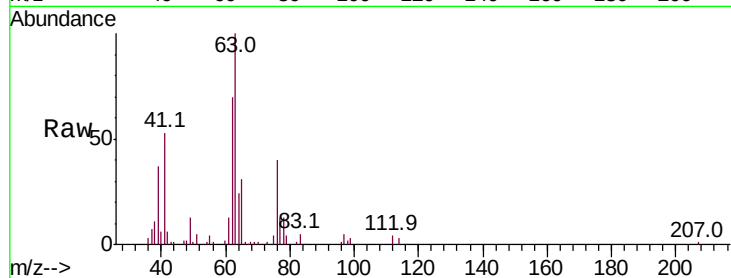




#45  
 1,2-Dichloropropane  
 Concen: 20.885 ug/l  
 RT: 9.10 min Scan# 2280  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

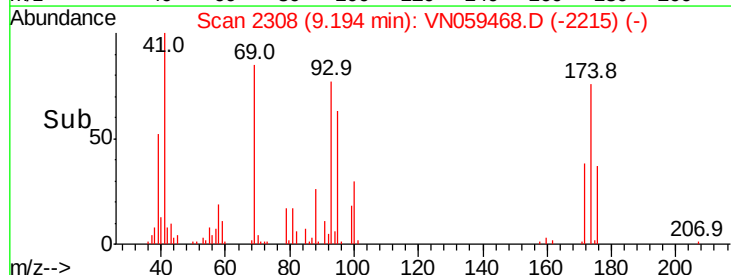
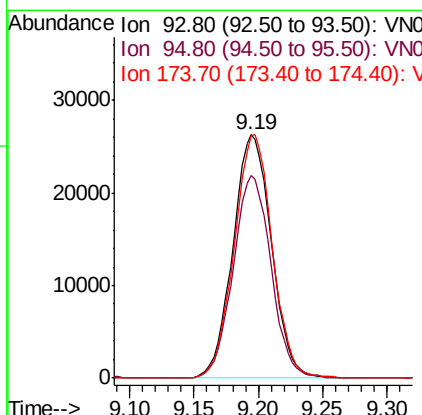
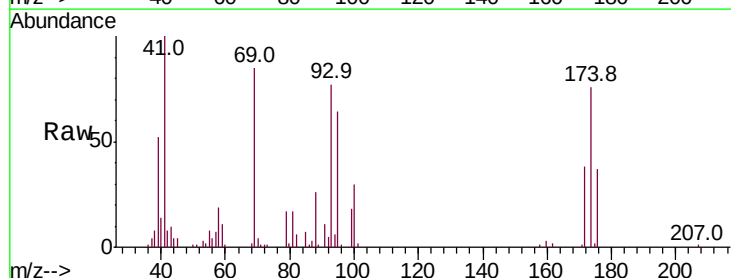
Instrument :  
 MSVOA\_N  
 ClientSampleId :

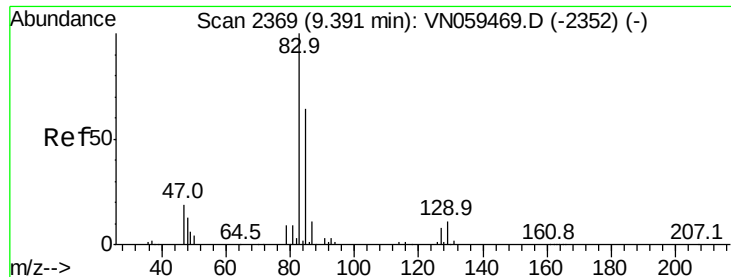
Tot Ion: 63 Resp: 85899  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 24.4 36.6



#46  
 Dibromomethane  
 Concen: 21.418 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Tgt Ion: 93 Resp: 54451  
 Ion Ratio Lower Upper  
 93 100  
 95 82.1 67.0 100.6  
 174 98.7 79.6 119.4





#47

Bromodichloromethane

Concen: 20.831 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampleId :

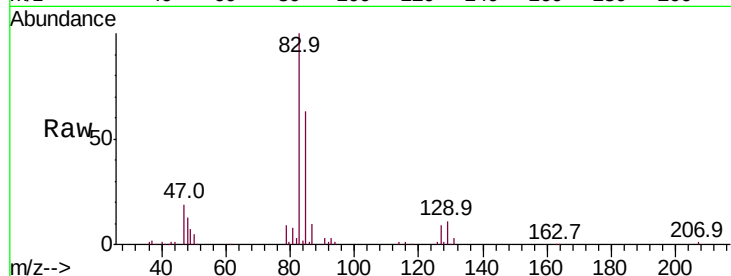
Tot Ion: 83 Resp: 107143

Ion Ratio Lower Upper

83 100

85 63.2 51.0 76.6

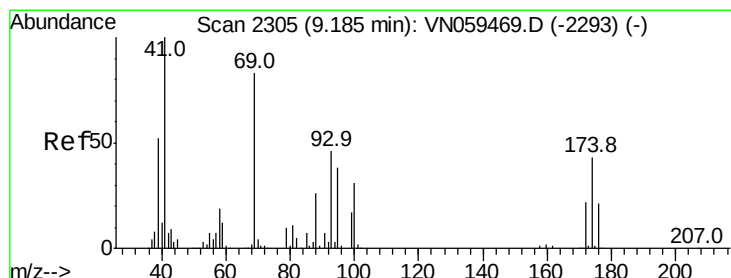
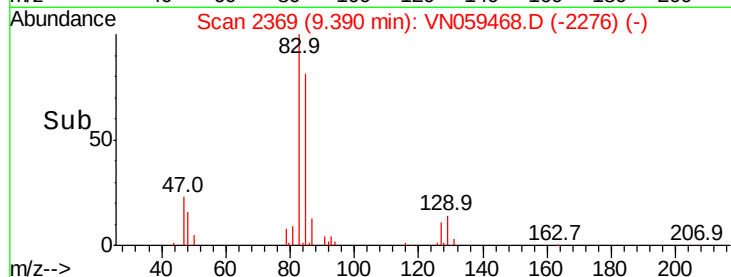
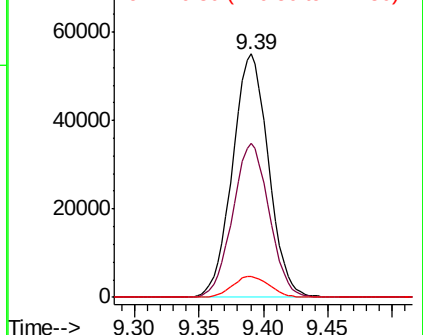
127 8.7 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.490 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

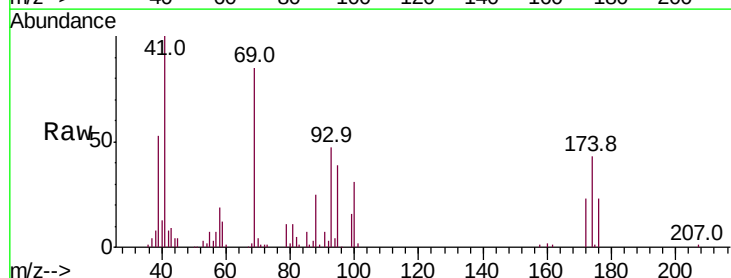
Tgt Ion: 41 Resp: 78542

Ion Ratio Lower Upper

41 100

69 88.5 68.6 103.0

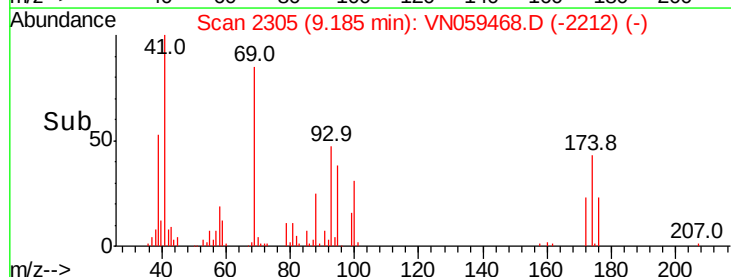
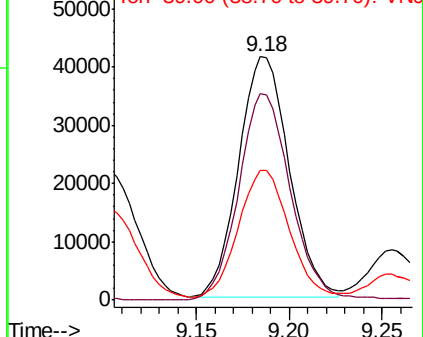
39 52.6 43.2 64.8

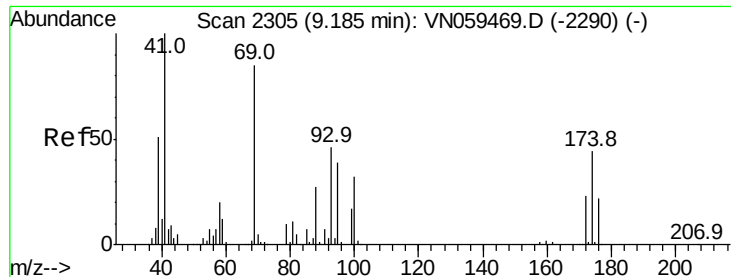


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

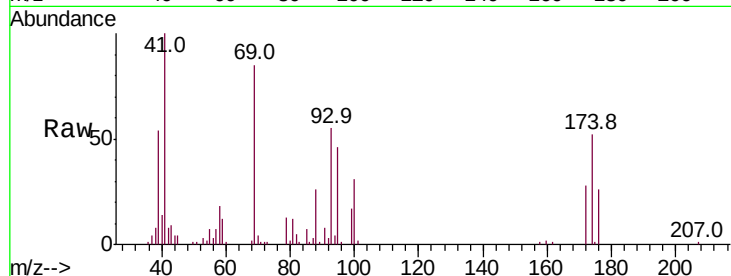




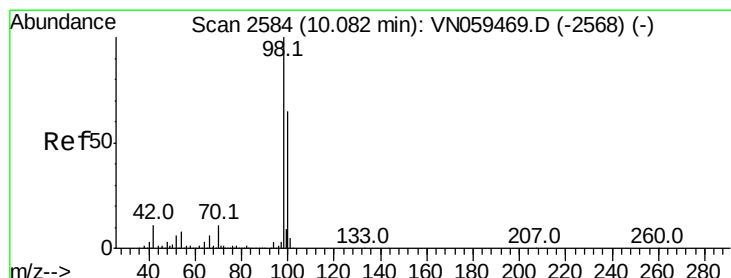
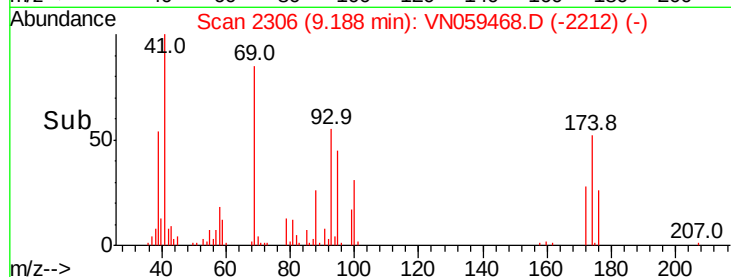
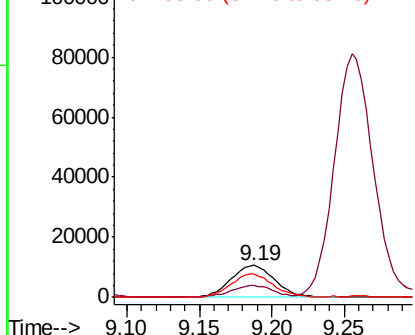
#49  
1,4-Dioxane  
Concen: 411.303 ug/l  
RT: 9.19 min Scan# 2306  
Delta R.T. 0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 88 Resp: 22366  
Ion Ratio Lower Upper  
88 100  
43 36.2 27.1 40.7  
58 71.9 57.8 86.6

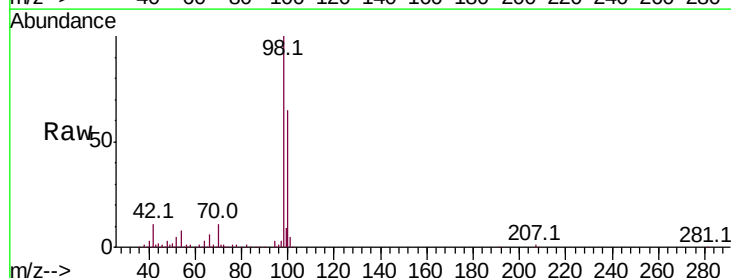


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

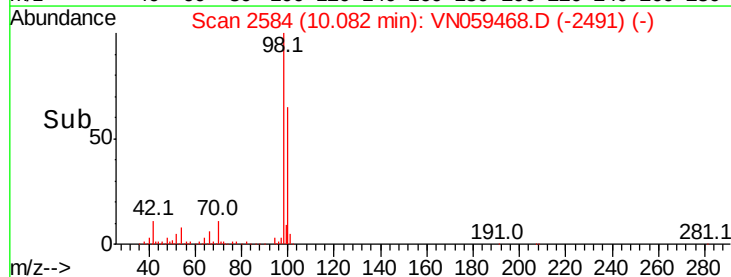
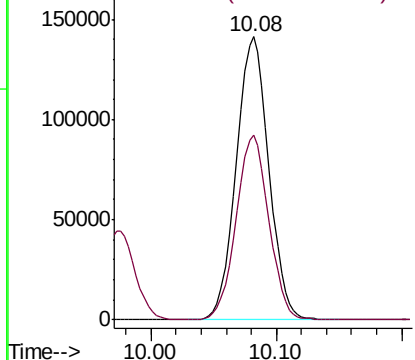


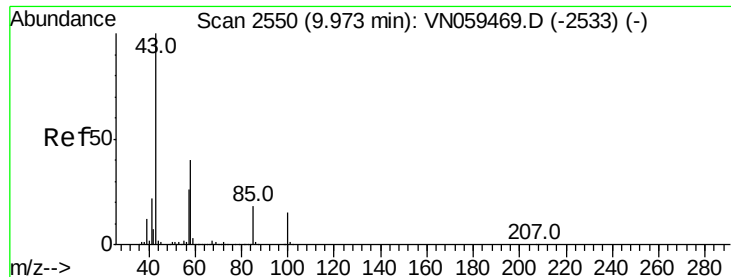
#50  
Toluene-d8  
Concen: 19.228 ug/l  
RT: 10.08 min Scan# 2584  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Tgt Ion: 98 Resp: 255247  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.1 78.1



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: 111.386 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

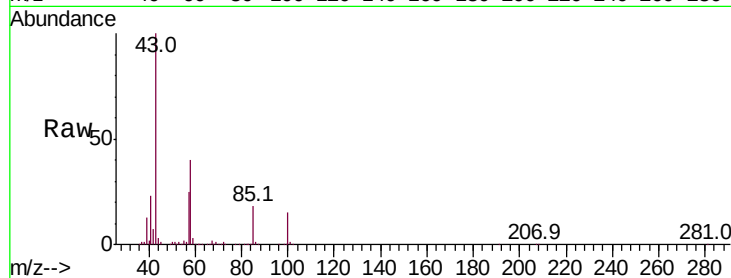
ClientSampleId :

Tot Ion: 43 Resp: 561011

Ion Ratio Lower Upper

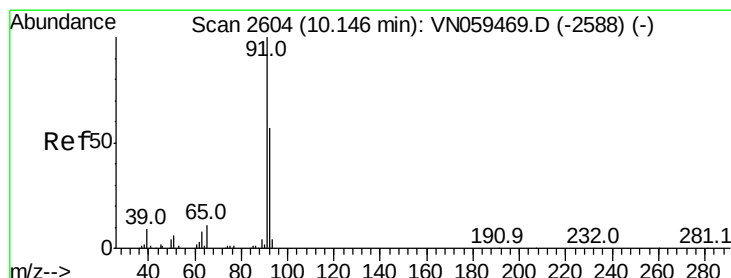
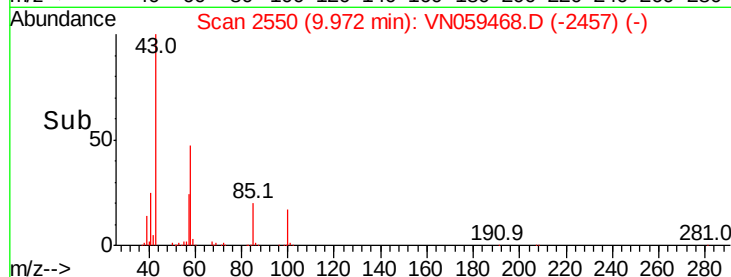
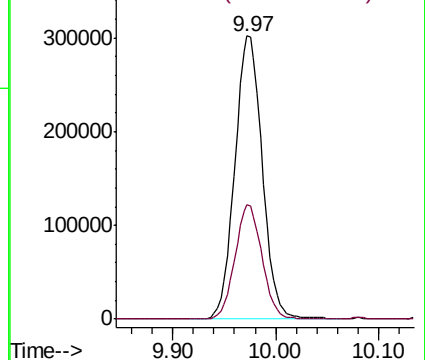
43 100

58 39.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.734 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059468.D

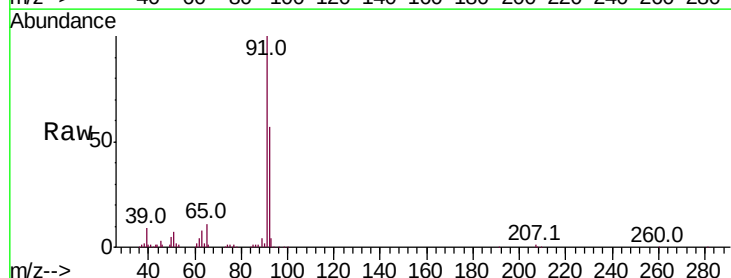
Acq: 3 Dec 2019 14:03

Tgt Ion: 92 Resp: 194936

Ion Ratio Lower Upper

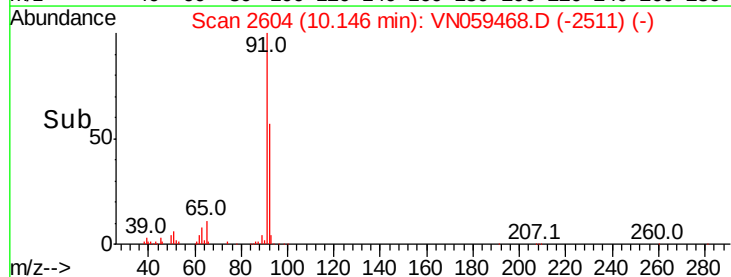
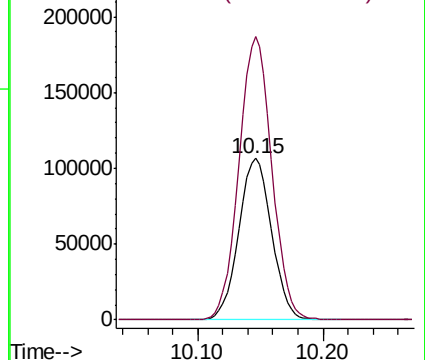
92 100

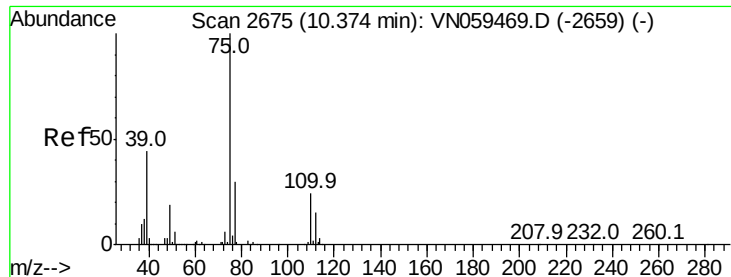
91 175.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.880 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

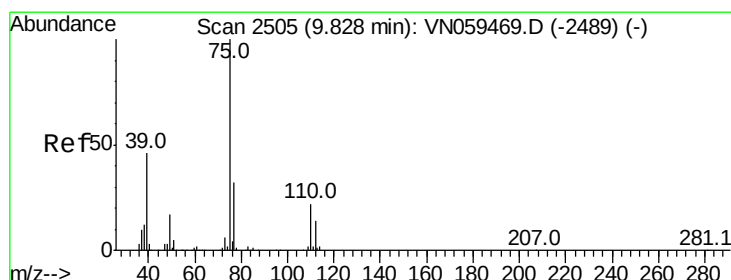
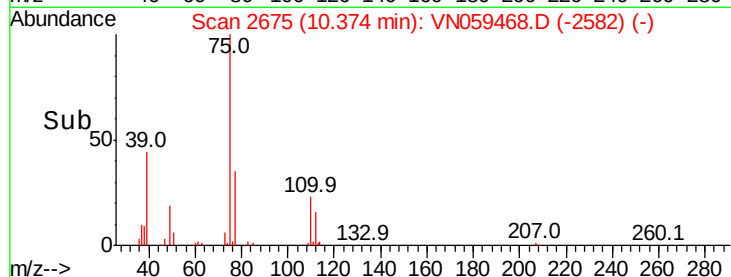
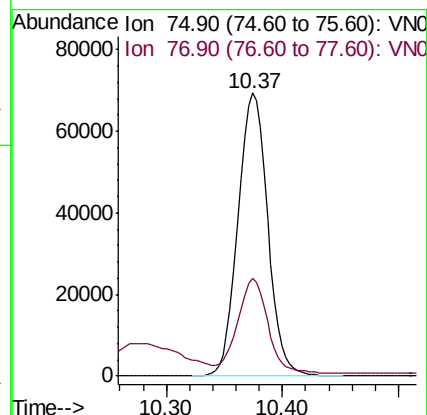
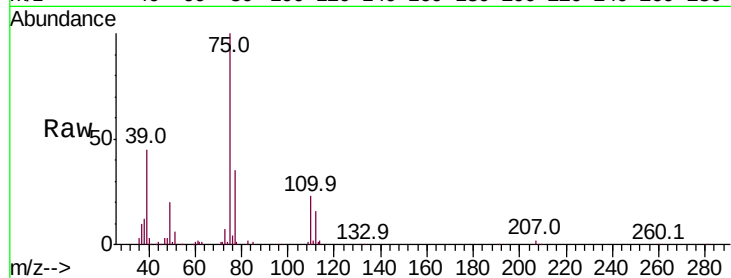
ClientSampleId :

Tot Ion: 75 Resp: 123531

Ion Ratio Lower Upper

75 100

77 33.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.098 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

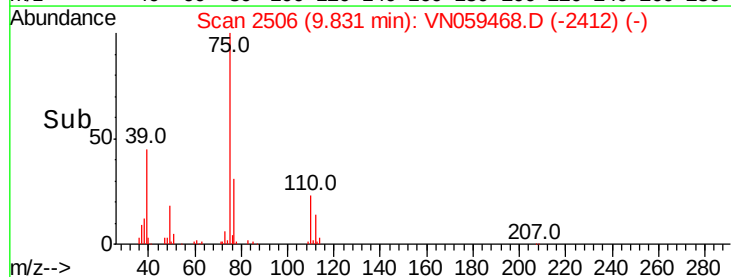
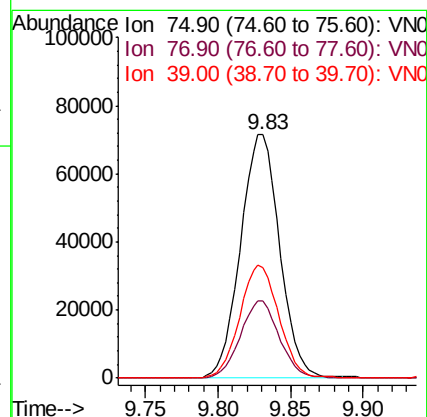
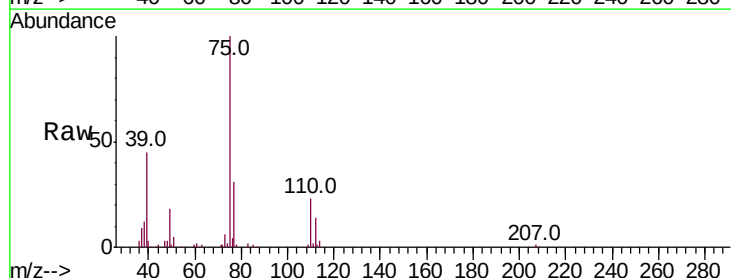
Tgt Ion: 75 Resp: 134230

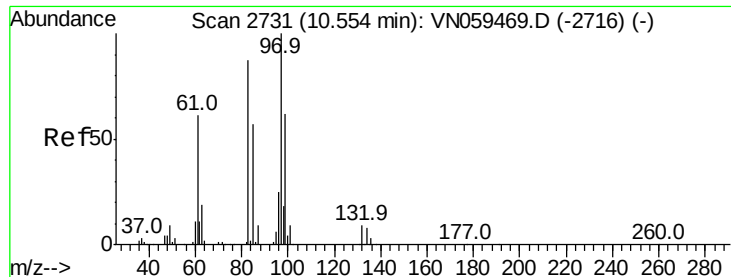
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 45.4 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 20.852 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

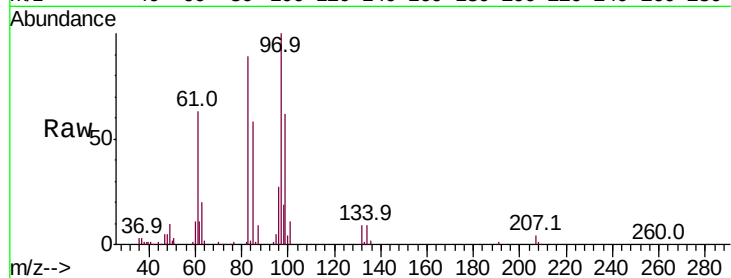
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 77050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.1  | 69.8  | 104.8 |
| 85  | 57.7  | 45.5  | 68.3  |
| 99  | 61.7  | 50.0  | 75.0  |



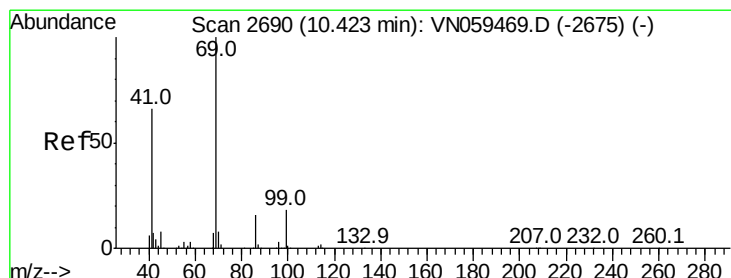
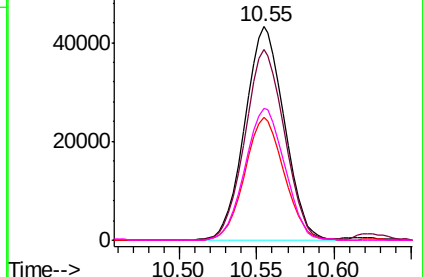
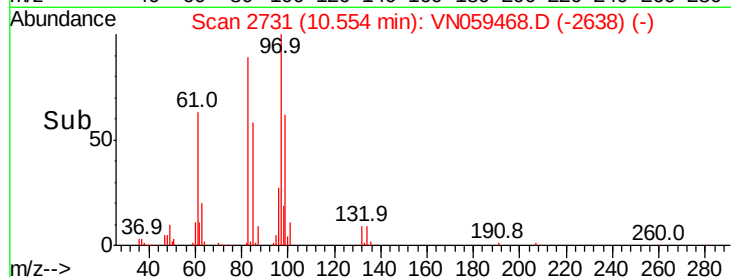
Abundance

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: 20.493 ug/l

RT: 10.42 min Scan# 2690

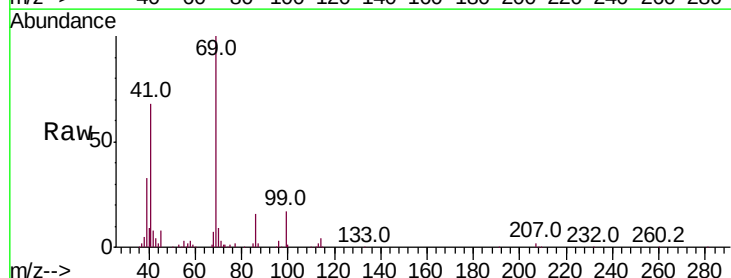
Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Tgt Ion: 69 Resp: 110577

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.9  | 52.7  | 79.1  |
| 39  | 33.0  | 25.0  | 37.6  |

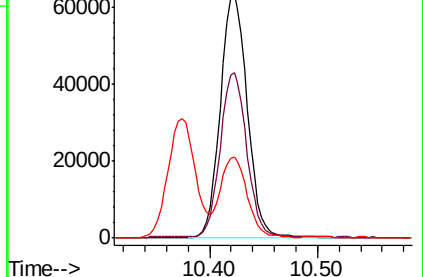
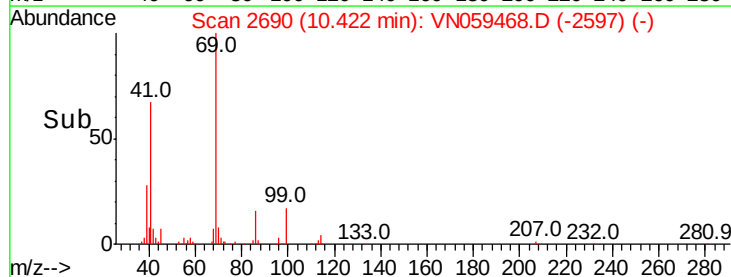


Abundance

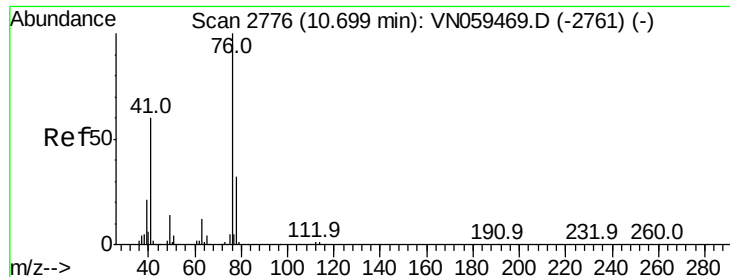
Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0







#57

1,3-Dichloropropane

Concen: 20.950 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

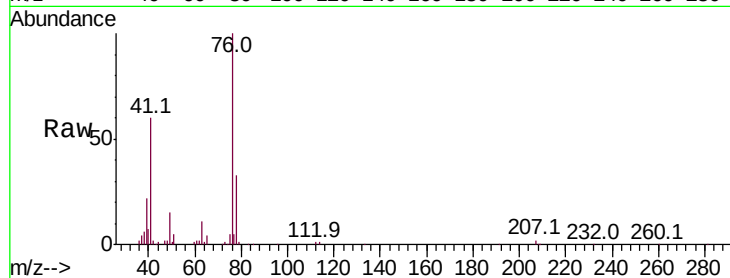
ClientSampleId :

Tot Ion: 76 Resp: 133307

Ion Ratio Lower Upper

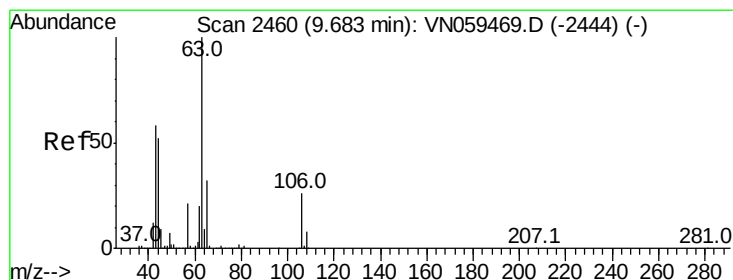
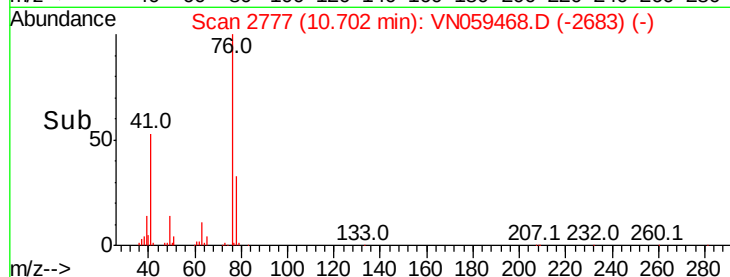
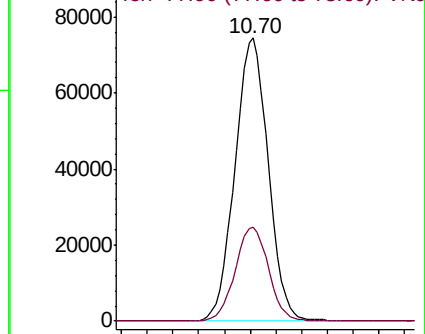
76 100

78 33.3 25.8 38.8



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: 110.027 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059468.D

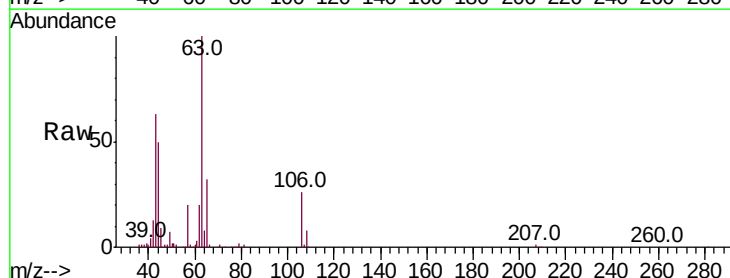
Acq: 3 Dec 2019 14:03

Tgt Ion: 63 Resp: 171171

Ion Ratio Lower Upper

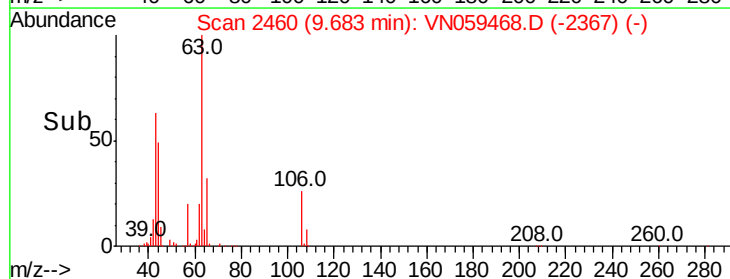
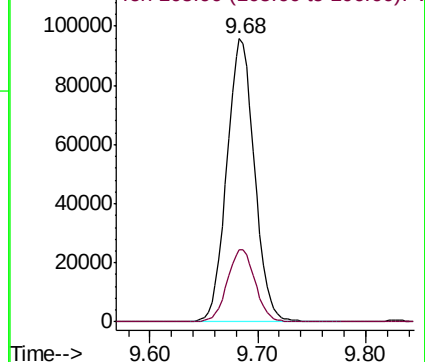
63 100

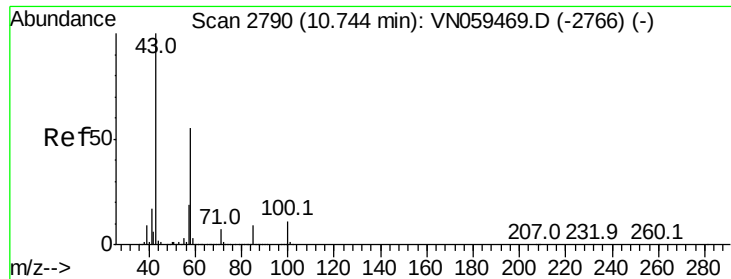
106 25.7 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

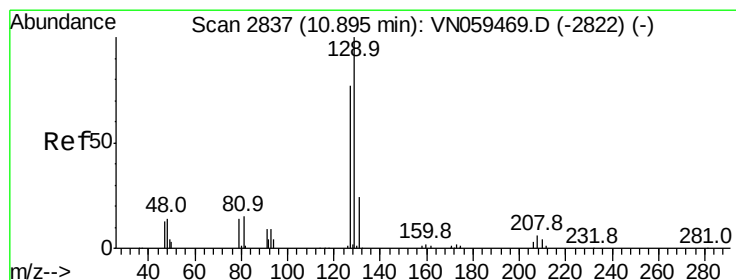
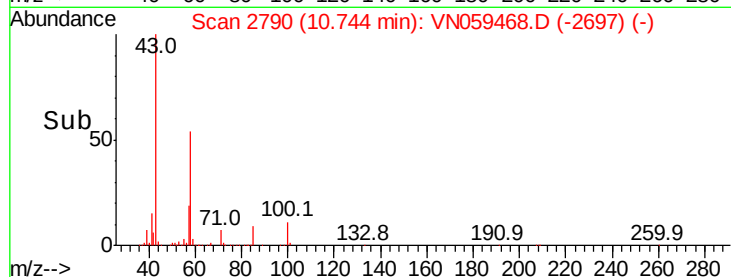
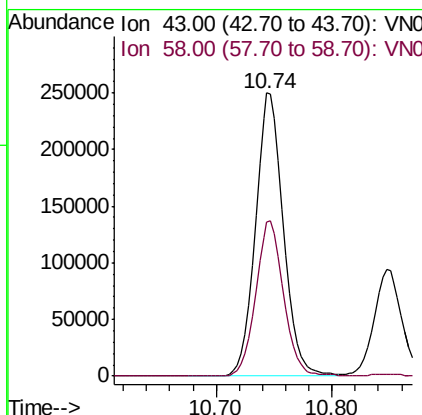
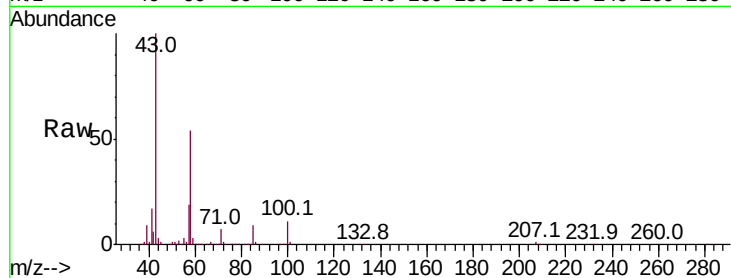




#59  
2-Hexanone  
Concen: 112.004 ug/l  
RT: 10.74 min Scan# 2790  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

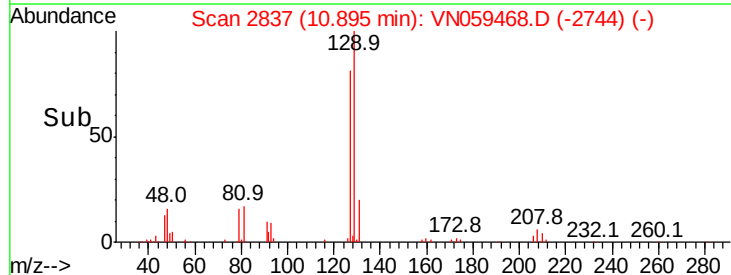
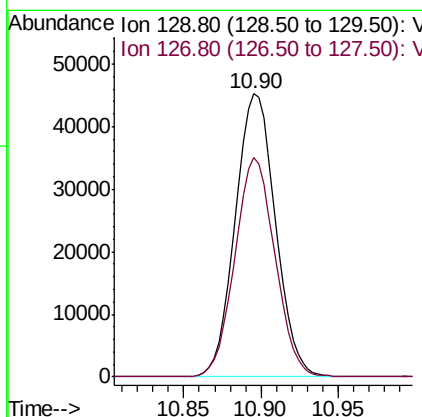
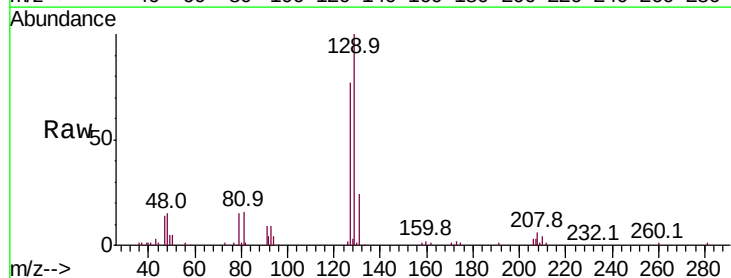
Instrument :  
MSVOA\_N  
ClientSampleId :

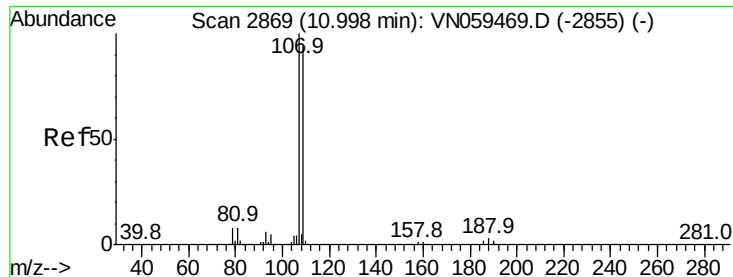
Tot Ion: 43 Resp: 419389  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.7 83.0



#60  
Dibromochloromethane  
Concen: 21.299 ug/l  
RT: 10.90 min Scan# 2837  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Tgt Ion: 129 Resp: 81834  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 20.829 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

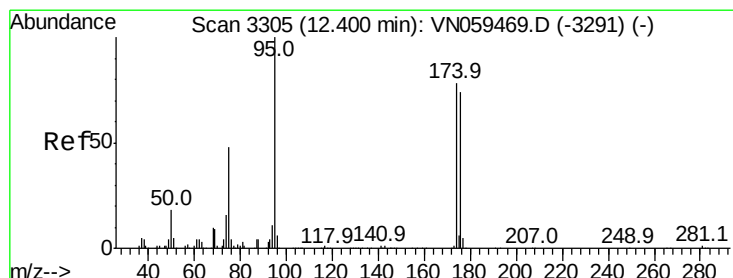
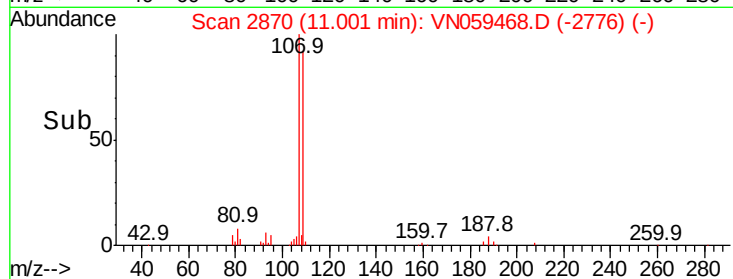
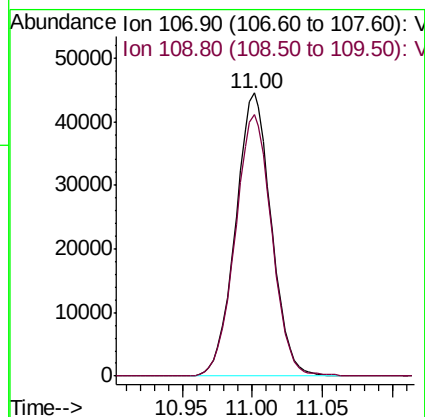
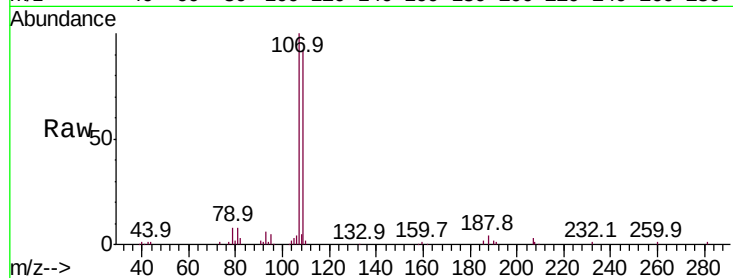
ClientSampled :

Tot Ion:107 Resp: 78864

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 19.038 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

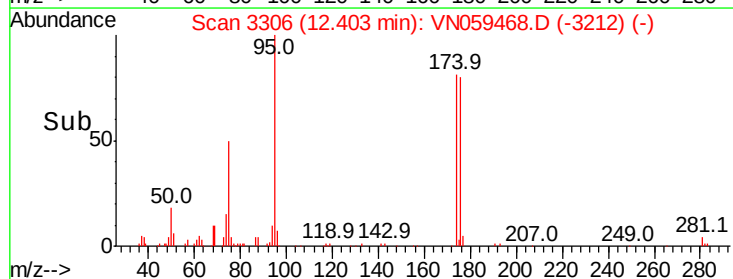
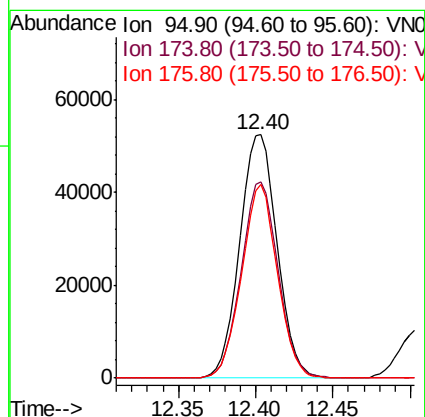
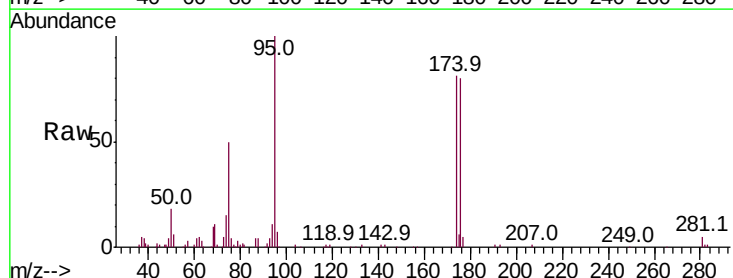
Tgt Ion: 95 Resp: 88169

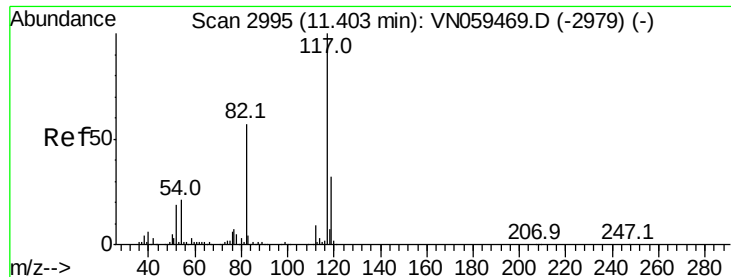
Ion Ratio Lower Upper

95 100

174 79.8 0.0 157.0

176 76.4 0.0 152.4

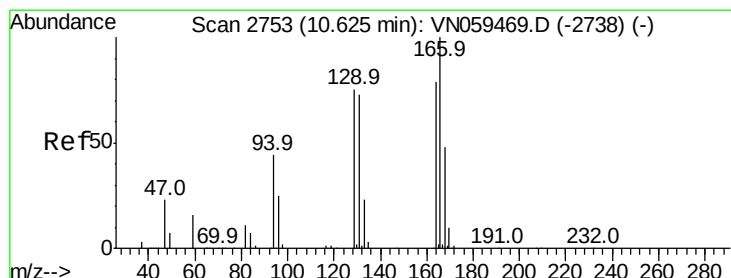
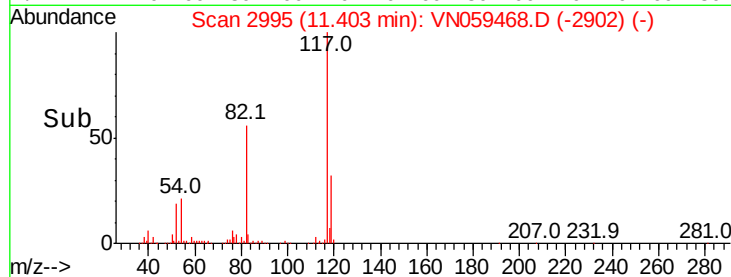
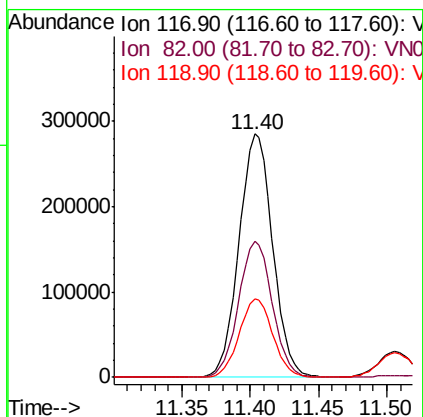
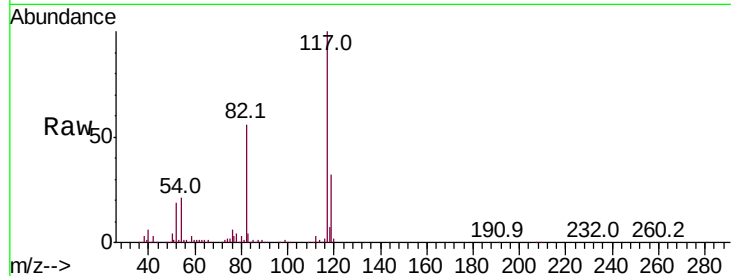




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

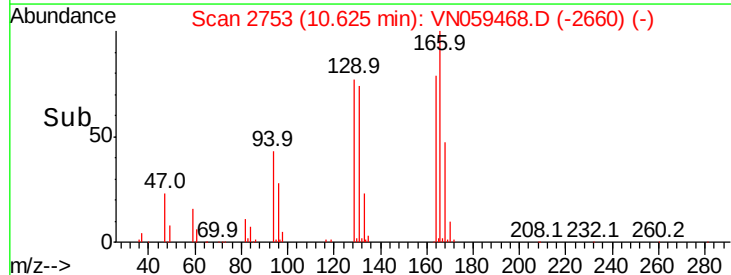
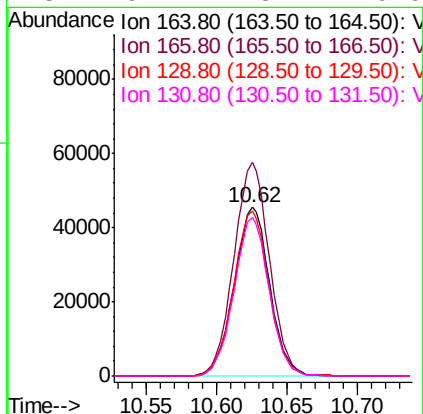
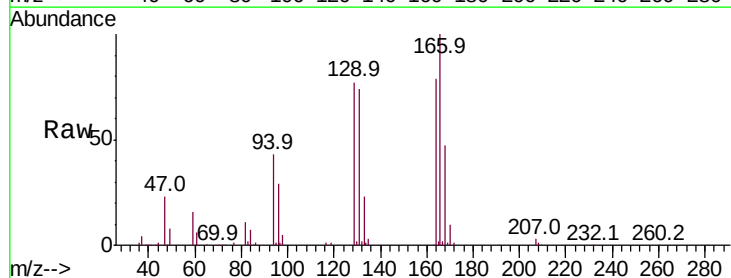
Instrument :  
MSVOA\_N  
ClientSampled :

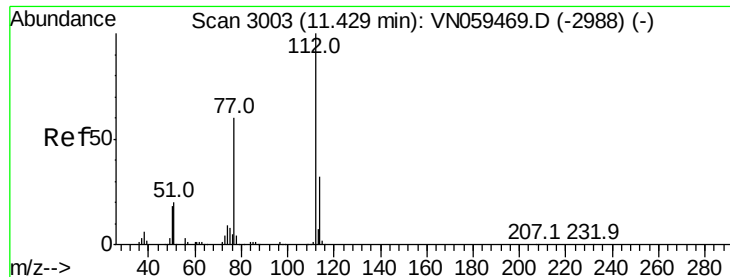
Tot Ion:117 Resp: 488840  
Ion Ratio Lower Upper  
117 100  
82 55.7 45.8 68.8  
119 32.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 21.844 ug/l  
RT: 10.62 min Scan# 2753  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Tgt Ion:164 Resp: 80038  
Ion Ratio Lower Upper  
164 100  
166 126.5 101.2 151.8  
129 97.6 76.1 114.1  
131 94.1 73.7 110.5





#65

Chlorobenzene

Concen: 20.509 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

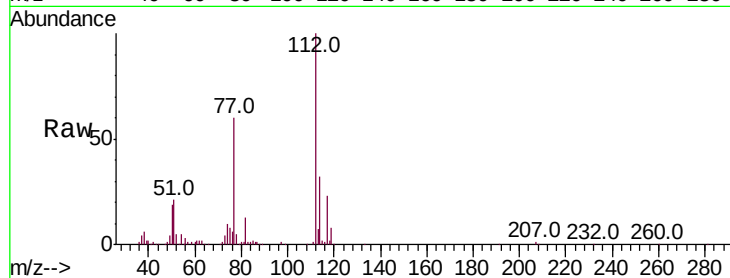
ClientSampleId :

Tot Ion:112 Resp: 205205

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

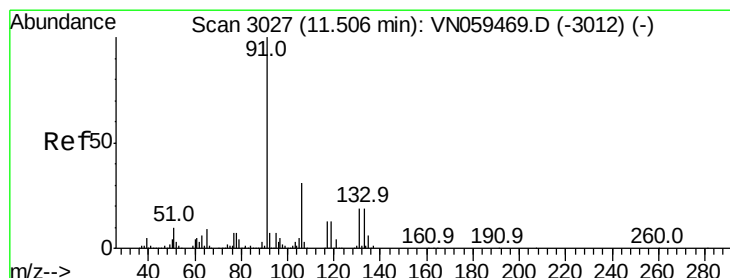
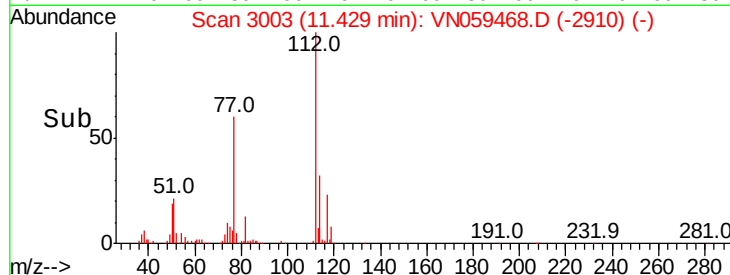
100000

50000

0

Time-->

11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 20.809 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

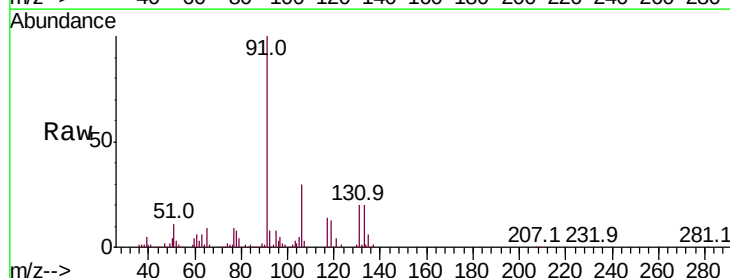
Tgt Ion:131 Resp: 75595

Ion Ratio Lower Upper

131 100

133 97.9 48.0 144.0

119 67.1 33.9 101.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

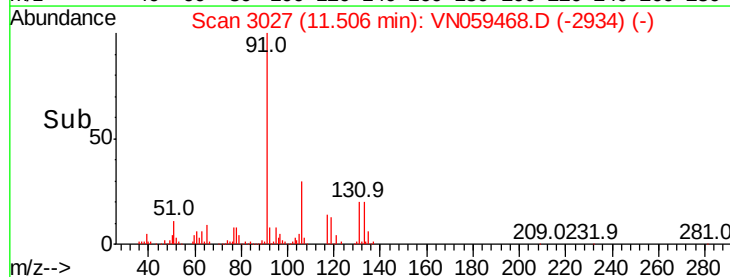
40000

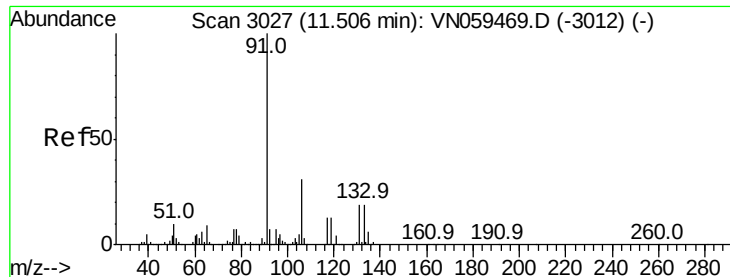
20000

0

Time-->

11.45 11.50 11.55





#67

Ethyl Benzene

Concen: 20.745 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

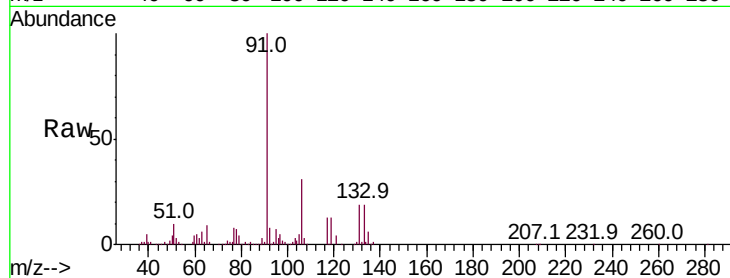
ClientSampled :

Tot Ion: 91 Resp: 365551

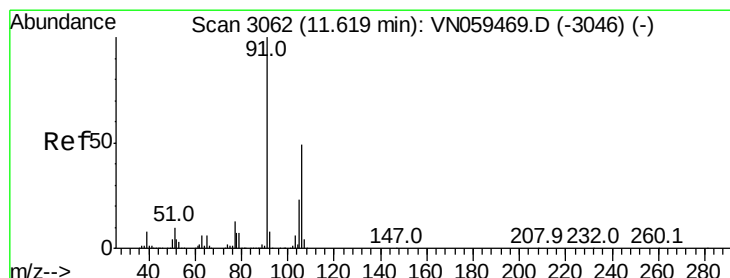
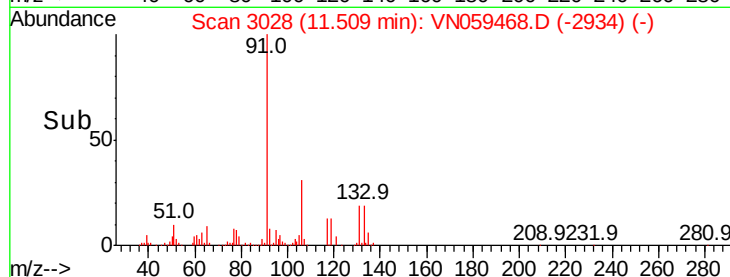
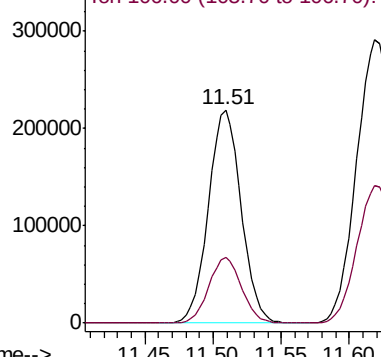
Ion Ratio Lower Upper

91 100

106 30.6 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN059468.D (-2934) (-)



#68

m/p-Xylenes

Concen: 41.317 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059468.D

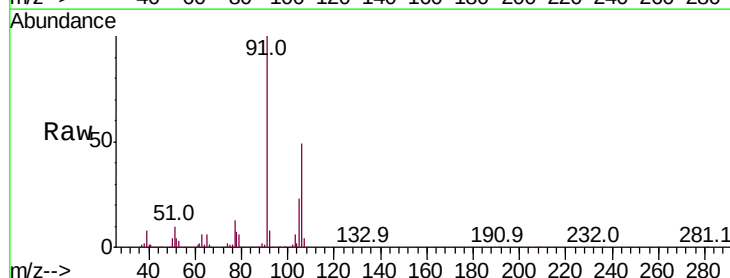
Acq: 3 Dec 2019 14:03

Tgt Ion: 106 Resp: 272471

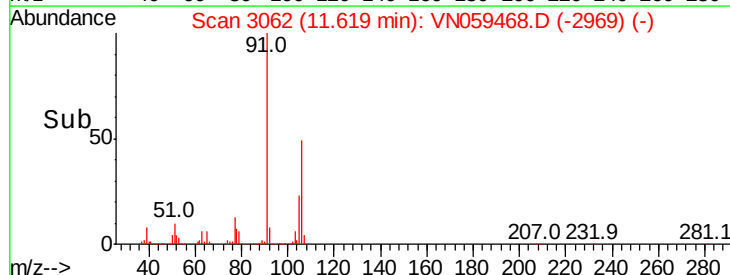
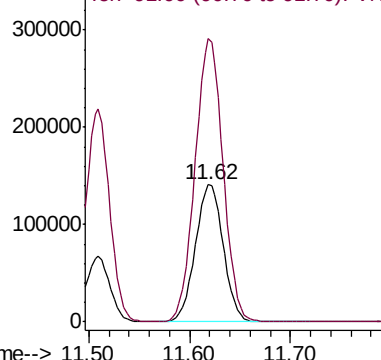
Ion Ratio Lower Upper

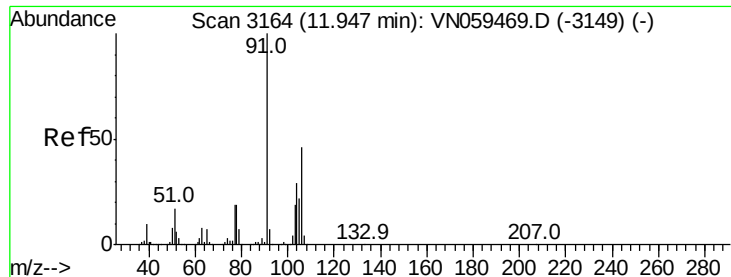
106 100

91 206.0 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): VN059468.D (-2969) (-)

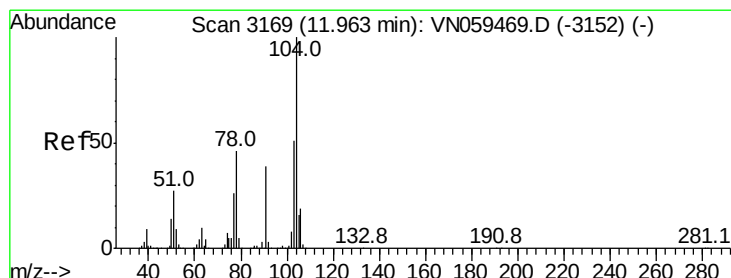
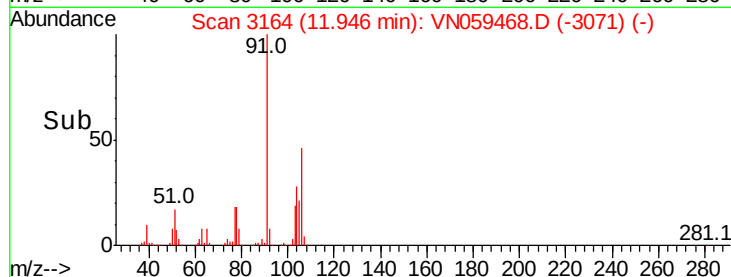
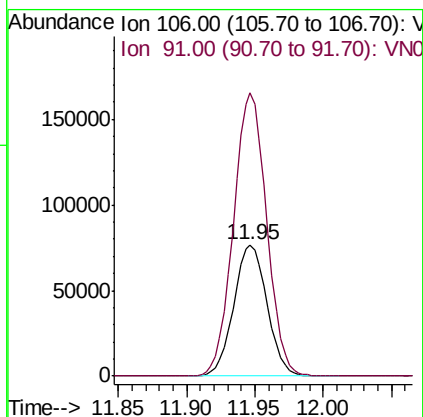
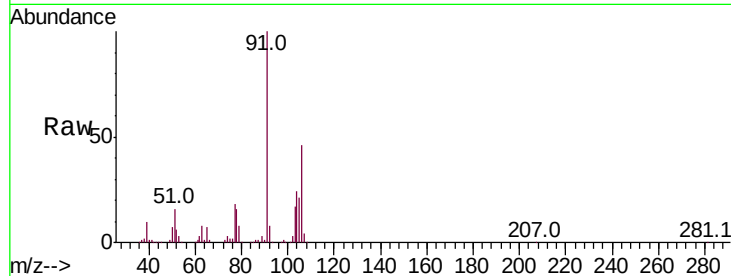




#69  
o-Xylene  
Concen: 20.529 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

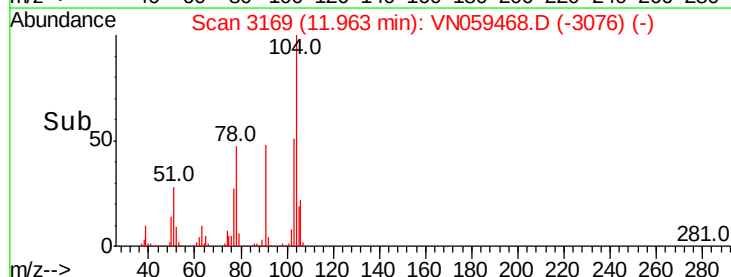
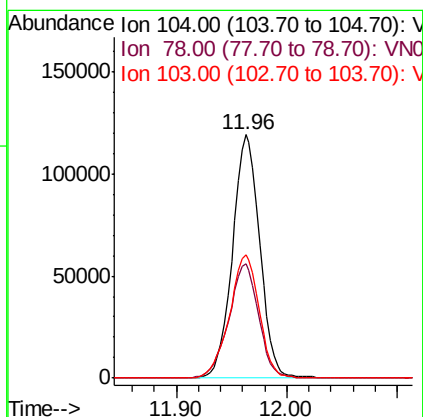
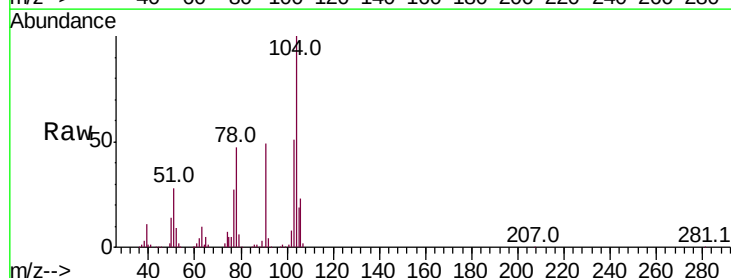
Instrument :  
MSVOA\_N  
ClientSampleId :

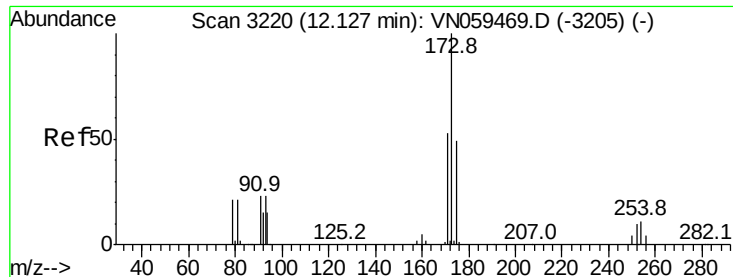
Tot Ion:106 Resp: 129300  
Ion Ratio Lower Upper  
106 100  
91 215.9 108.5 325.3



#70  
Styrene  
Concen: 20.734 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN059468.D  
Acq: 3 Dec 2019 14:03

Tgt Ion:104 Resp: 204791  
Ion Ratio Lower Upper  
104 100  
78 51.4 41.0 61.4  
103 55.0 44.7 67.1





#71

Bromoform

Concen: 20.820 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampled :

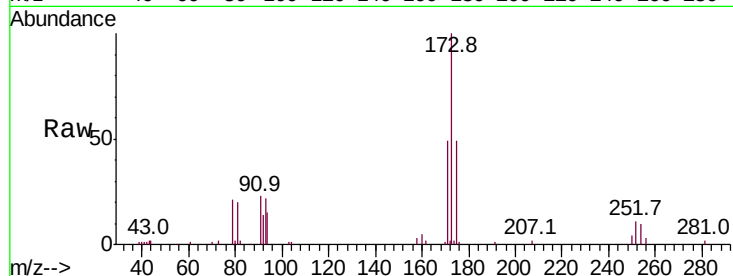
Tot Ion:173 Resp: 57880

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

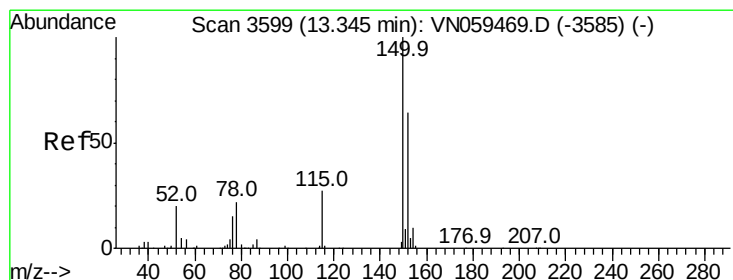
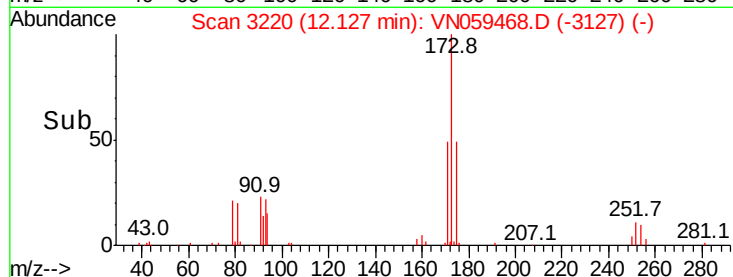
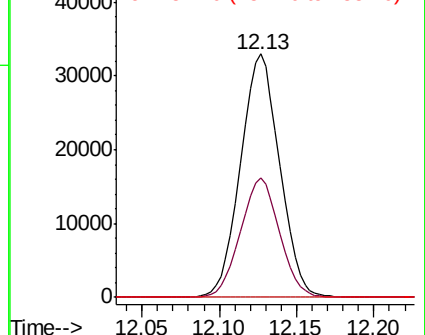
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

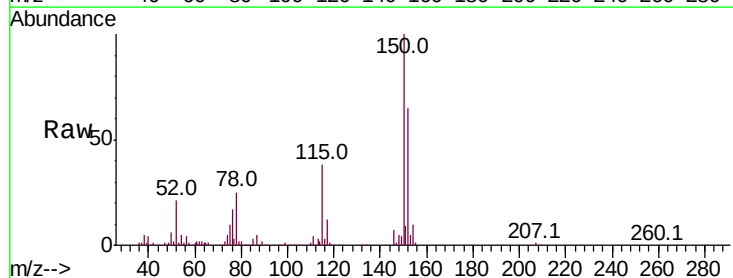
Tgt Ion:152 Resp: 223945

Ion Ratio Lower Upper

152 100

115 58.7 29.2 87.6

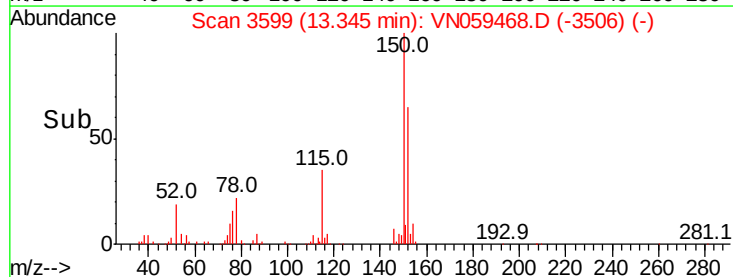
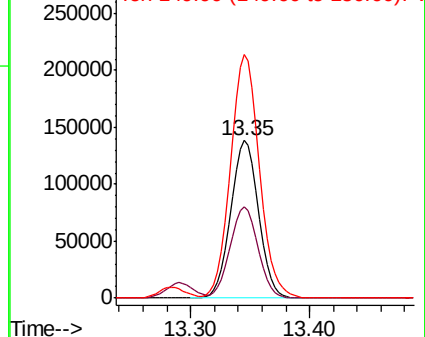
150 160.2 0.0 352.8



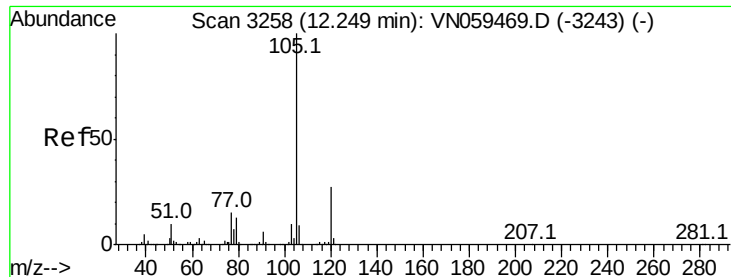
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 20.778 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

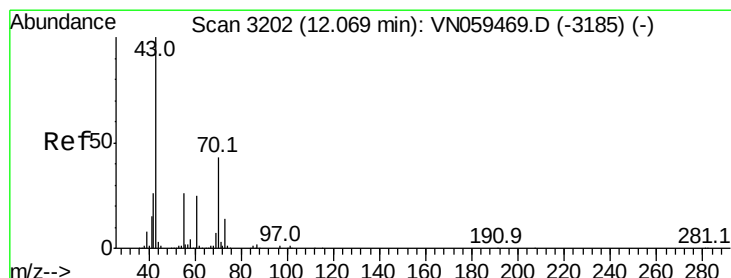
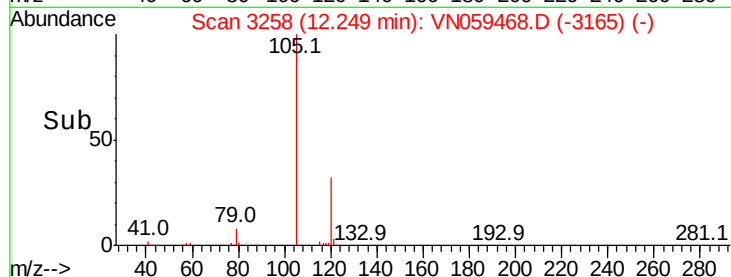
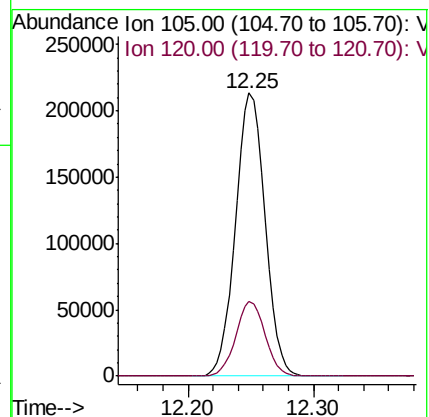
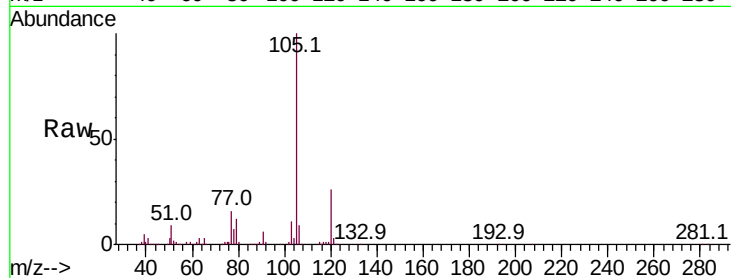
ClientSampled :

Tot Ion:105 Resp: 349016

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 20.809 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Tgt Ion: 43 Resp: 133475

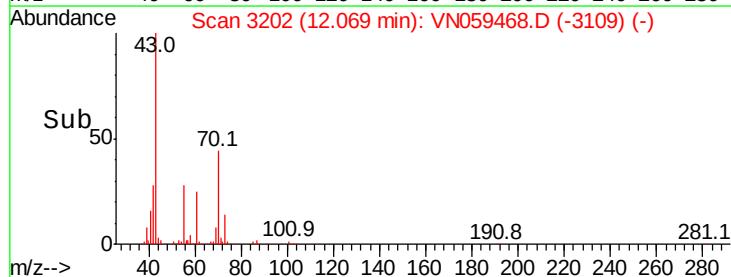
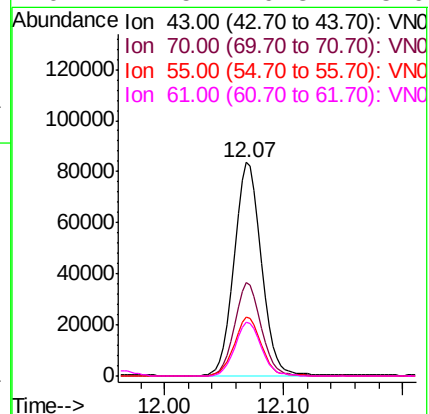
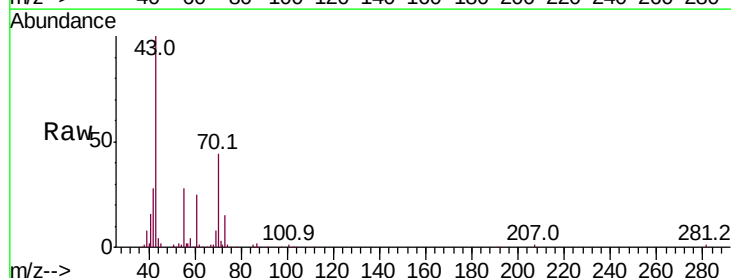
Ion Ratio Lower Upper

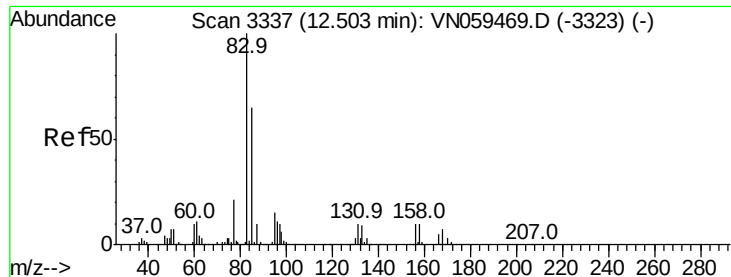
43 100

70 42.4 34.2 51.2

55 27.3 20.6 31.0

61 24.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.337 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampleId :

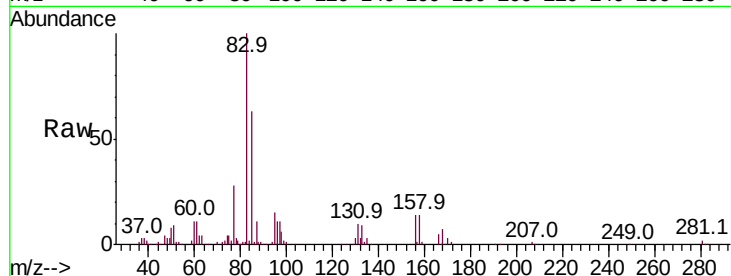
Tot Ion: 83 Resp: 112118

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

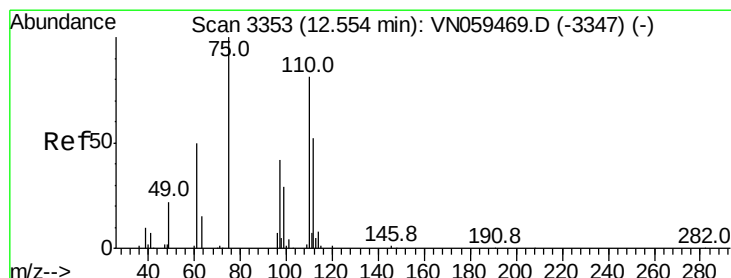
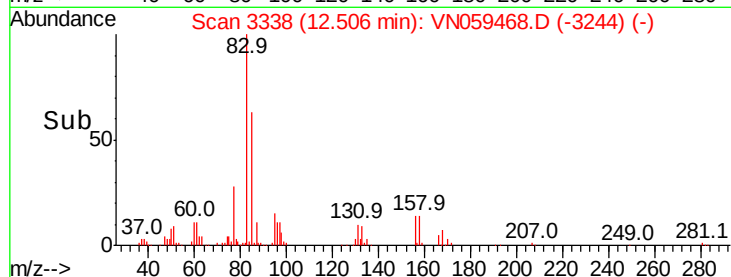
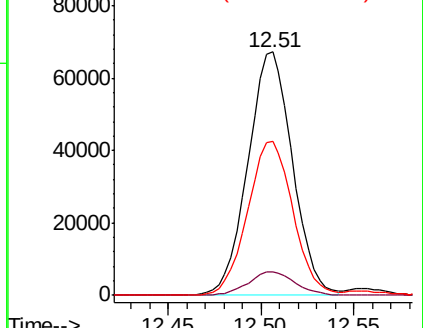
85 64.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 29.418 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN059468.D

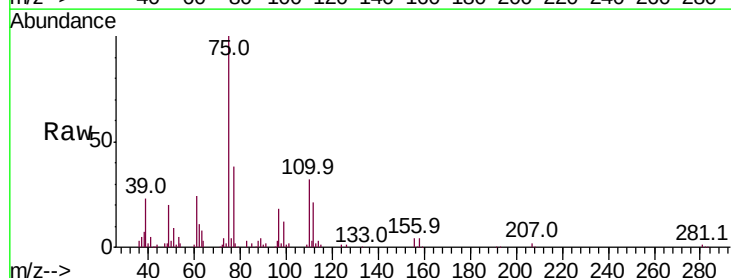
Acq: 3 Dec 2019 14:03

Tgt Ion: 75 Resp: 153102

Ion Ratio Lower Upper

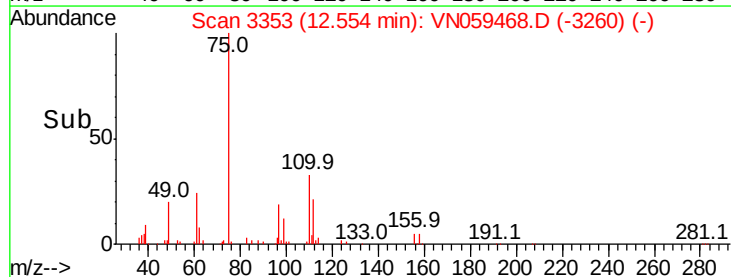
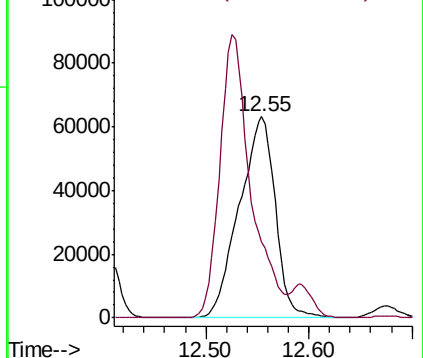
75 100

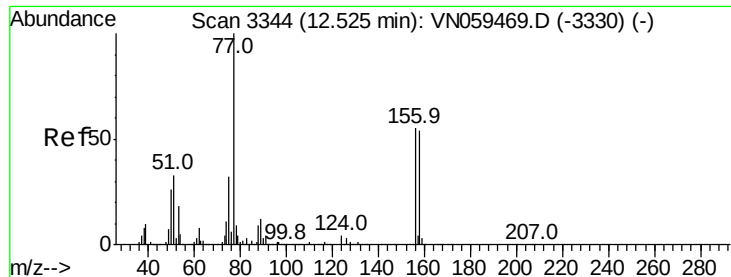
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 20.650 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampled :

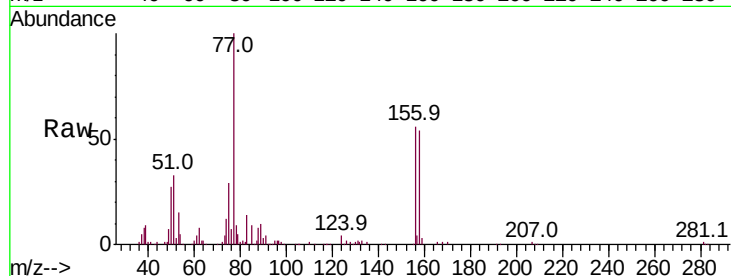
Tot Ion:156 Resp: 84887

Ion Ratio Lower Upper

156 100

77 220.0 110.3 331.0

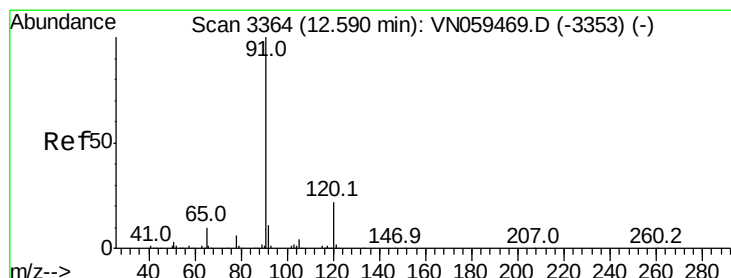
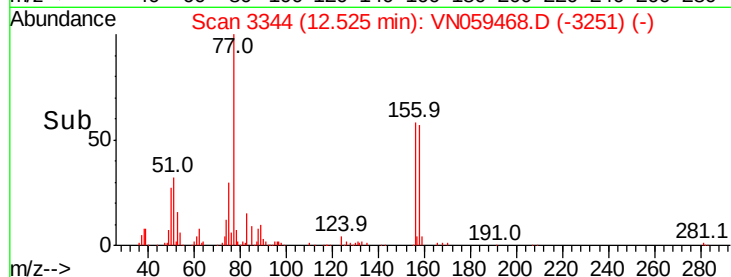
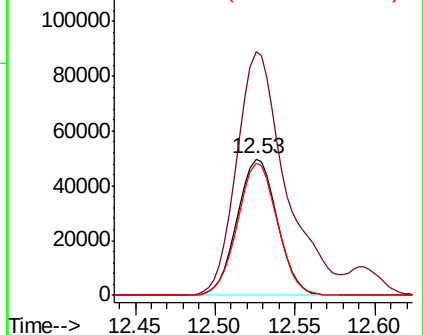
158 96.4 48.5 145.5



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: 20.816 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059468.D

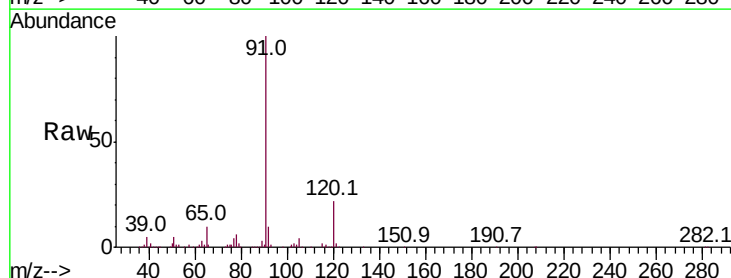
Acq: 3 Dec 2019 14:03

Tgt Ion: 91 Resp: 403923

Ion Ratio Lower Upper

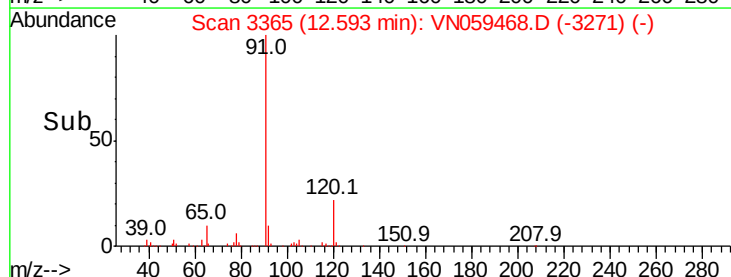
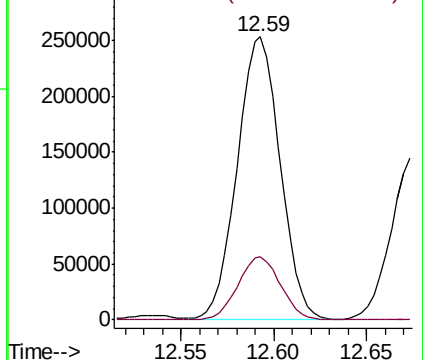
91 100

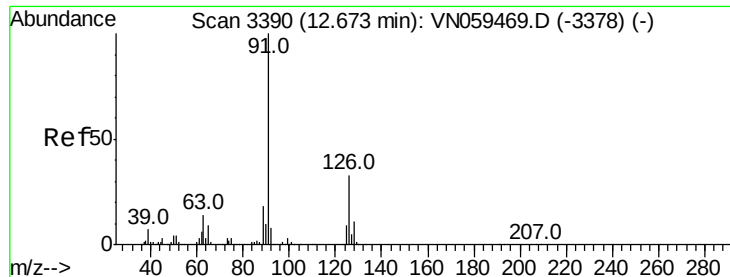
120 22.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.786 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

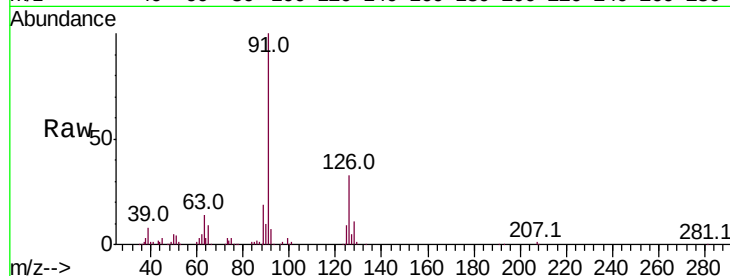
ClientSampleId :

Tot Ion: 91 Resp: 240916

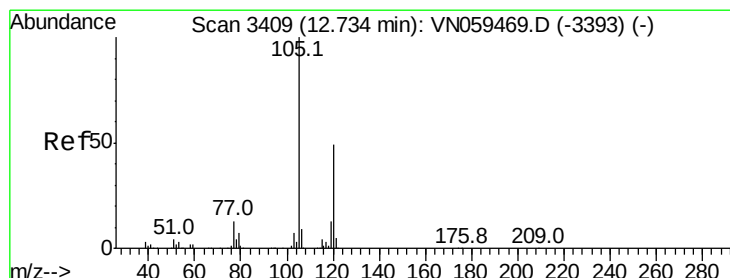
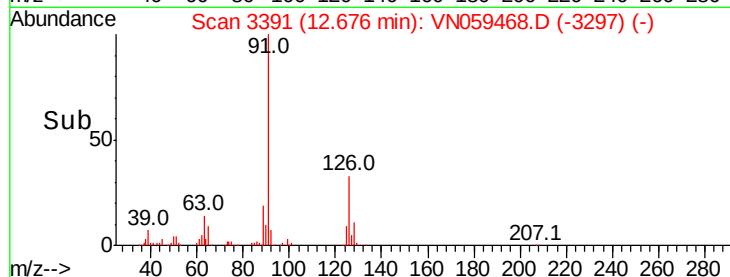
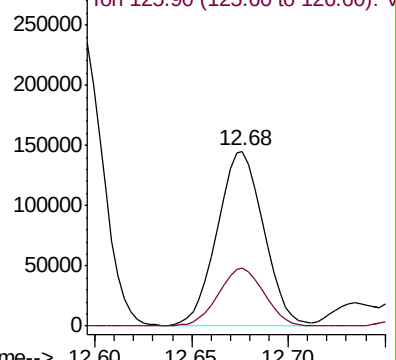
Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN059468.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.714 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059468.D

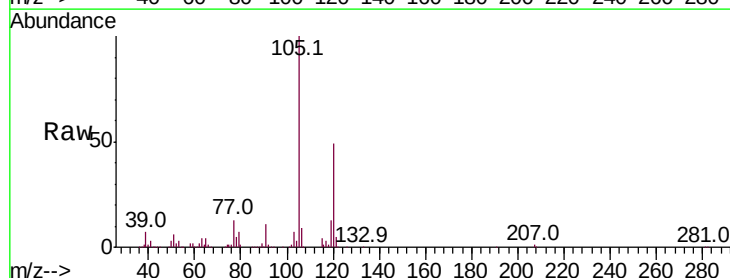
Acq: 3 Dec 2019 14:03

Tgt Ion:105 Resp: 292501

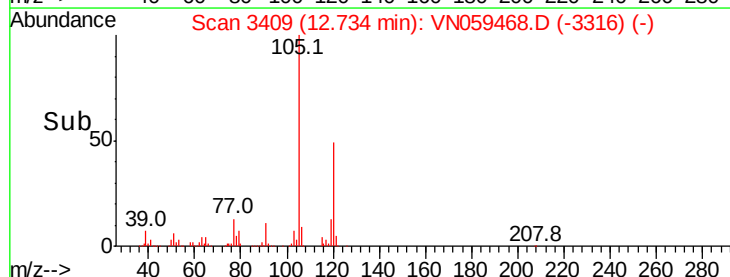
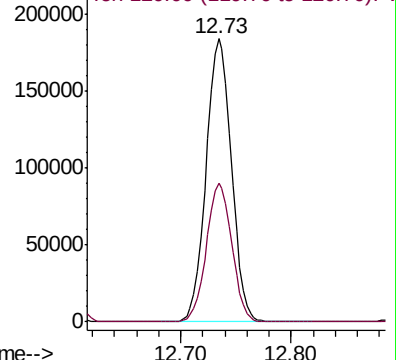
Ion Ratio Lower Upper

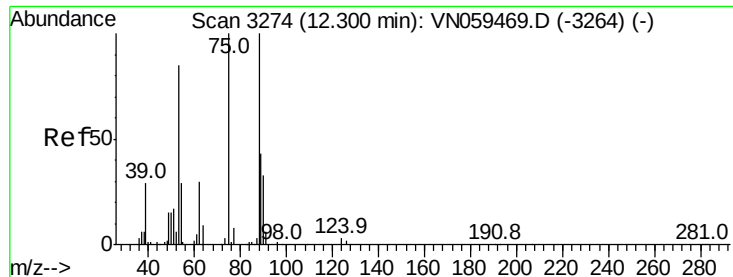
105 100

120 49.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN059468.D (-3409) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.820 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

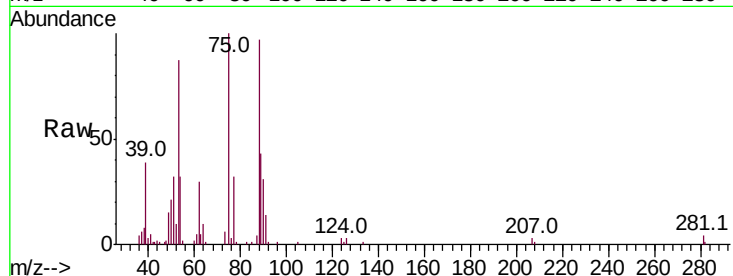
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 75 Resp: 39959

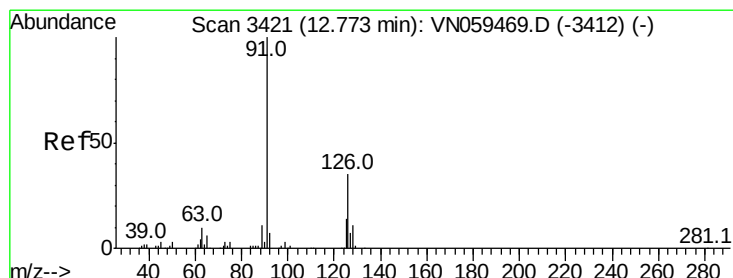
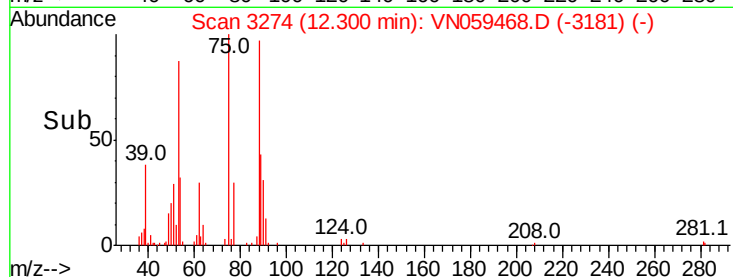
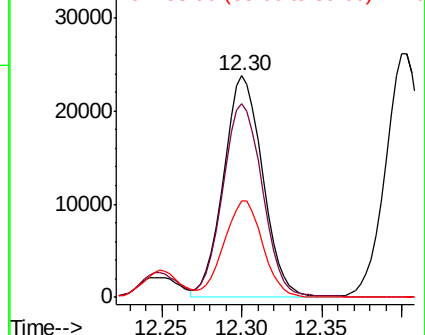
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 87.4  | 69.8  | 104.6 |
| 89  | 42.9  | 35.2  | 52.8  |



Abundance Ion 74.90 (74.60 to 75.60): VN059468.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN059468.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN059468.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 20.358 ug/l

RT: 12.77 min Scan# 3421

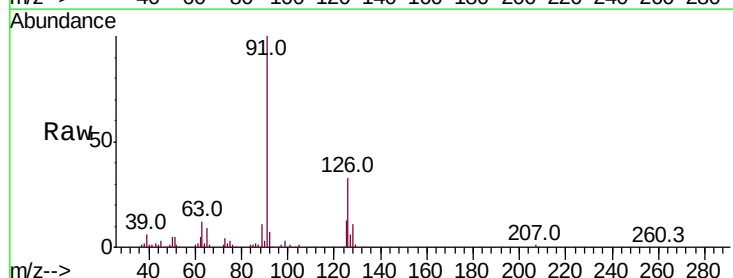
Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

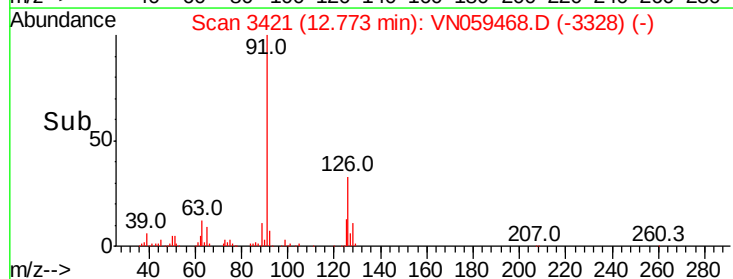
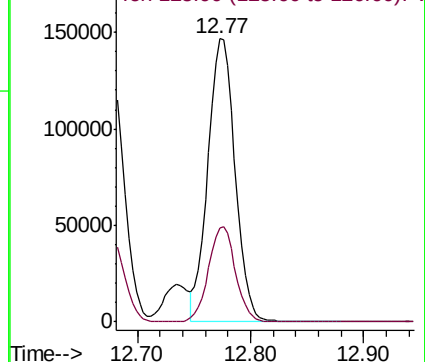
Tgt Ion: 91 Resp: 243055

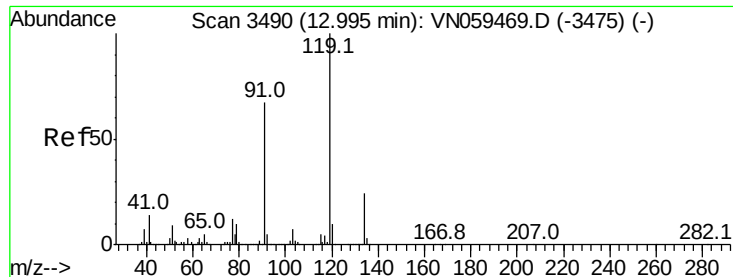
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 33.3  | 16.4  | 49.2  |



Abundance Ion 91.00 (90.70 to 91.70): VN059468.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN059468.D (-3328) (-)





#83

tert-Butylbenzene

Concen: 20.366 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampleId :

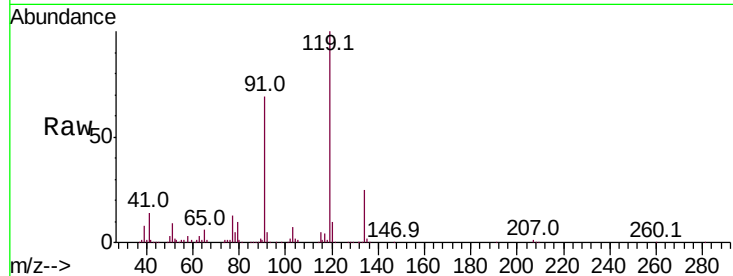
Tot Ion:119 Resp: 247656

Ion Ratio Lower Upper

119 100

91 66.7 32.6 97.7

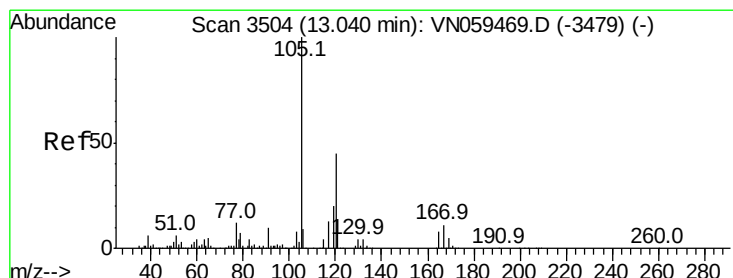
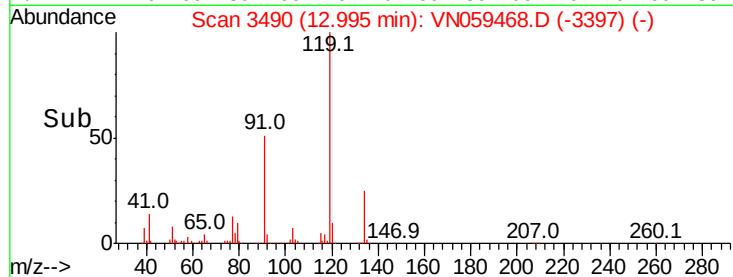
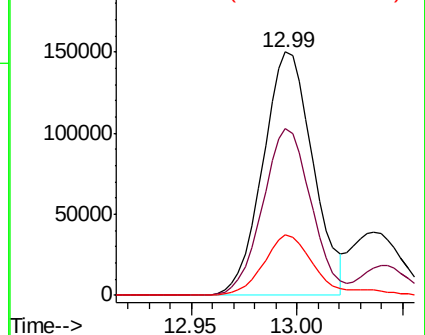
134 24.2 12.6 37.6



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: 20.612 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059468.D

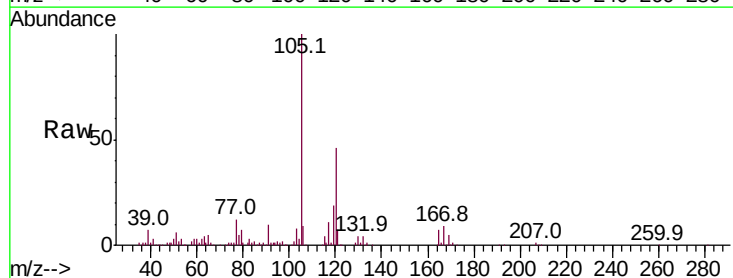
Acq: 3 Dec 2019 14:03

Tgt Ion:105 Resp: 285240

Ion Ratio Lower Upper

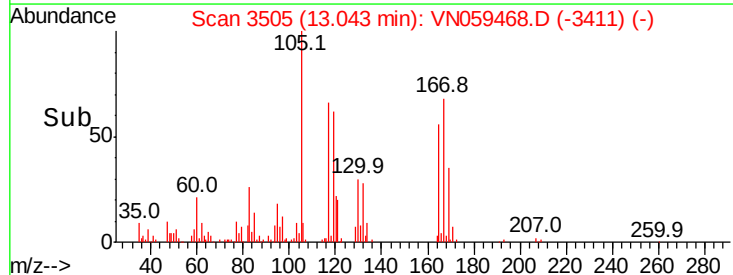
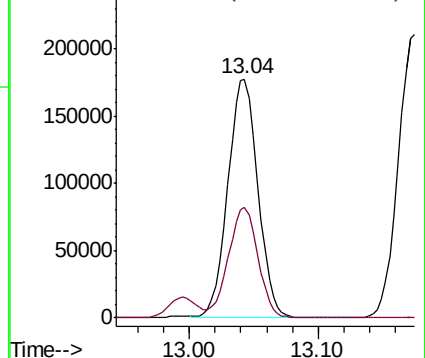
105 100

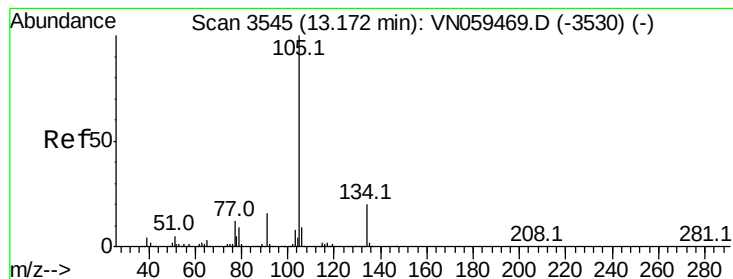
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.805 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

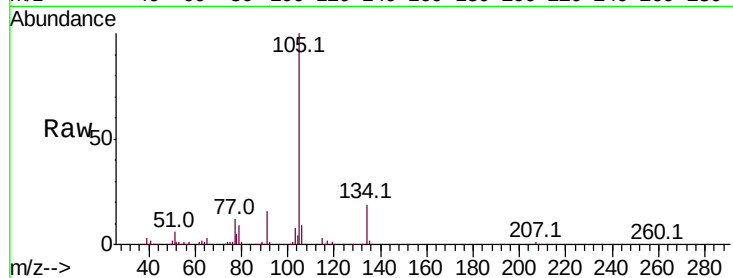
ClientSampled :

Tot Ion:105 Resp: 335518

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

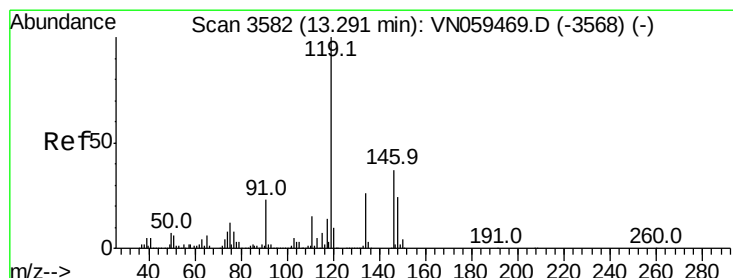
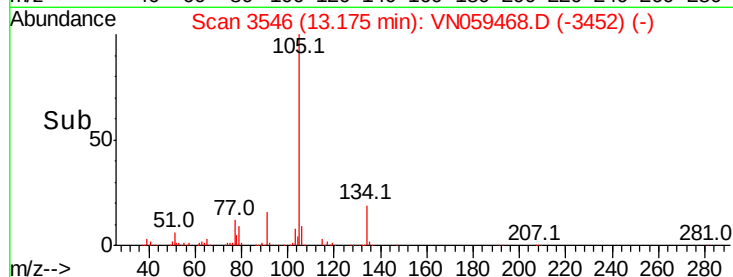
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 20.414 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

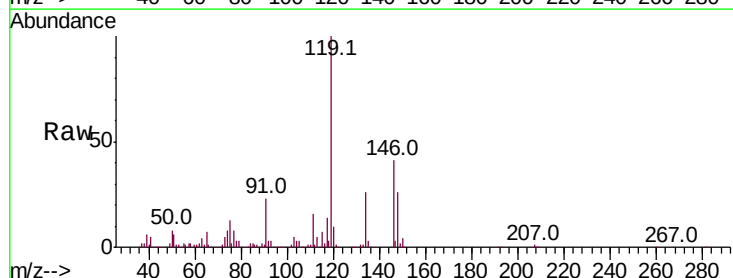
Tgt Ion:119 Resp: 297366

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

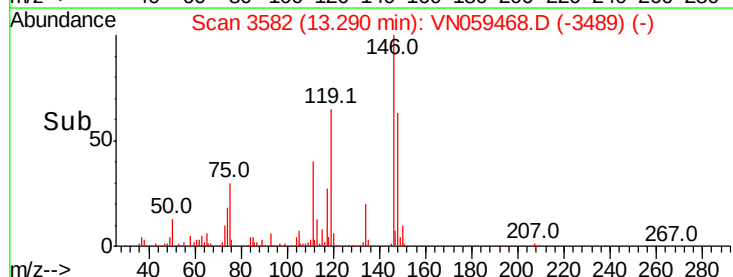
100000

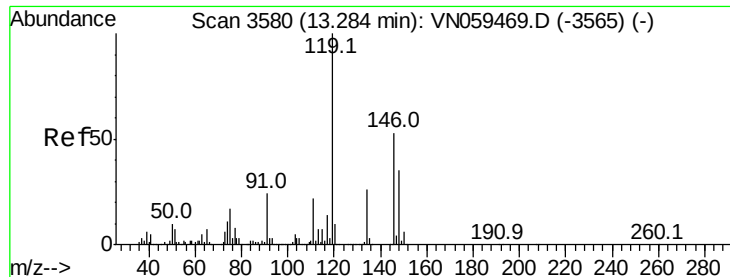
50000

0

13.25 13.30 13.35

Time-->

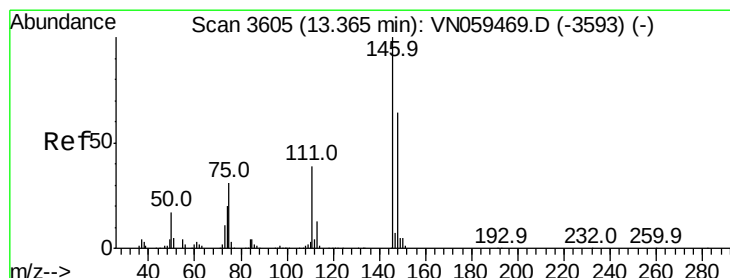
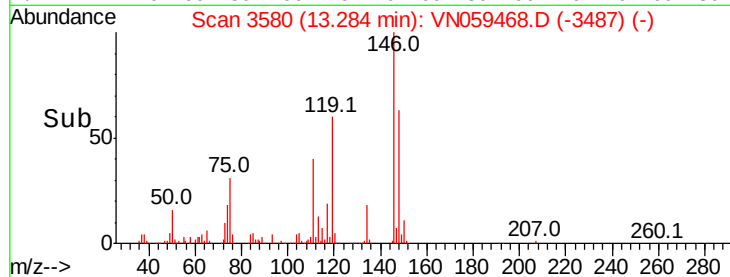
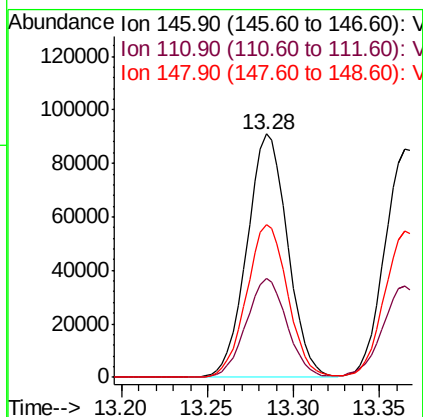
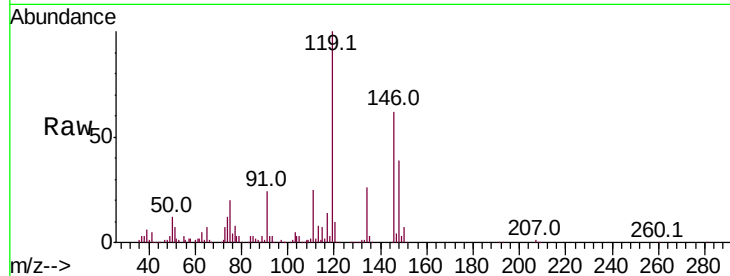




#87  
 1,3-Dichlorobenzene  
 Concen: 20.492 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

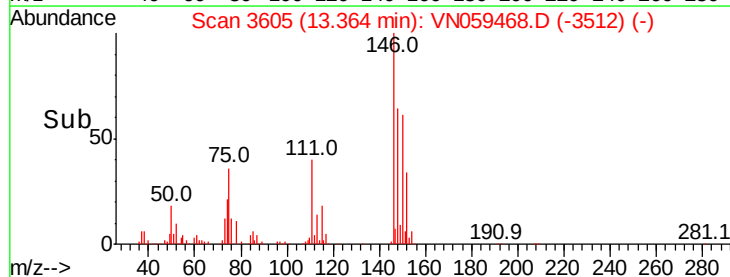
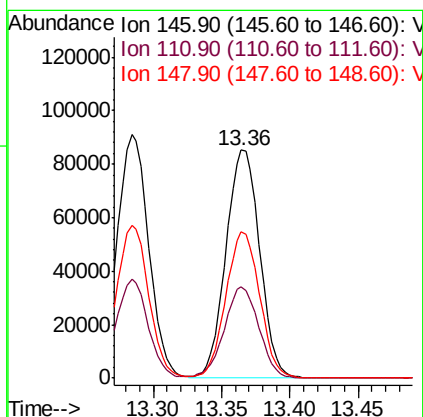
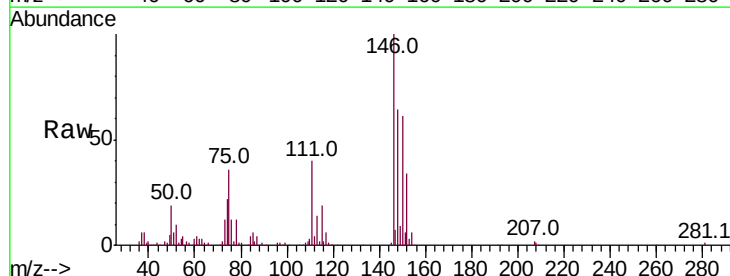
Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.4  | 61.3  |
| 148     | 63.5  | 32.1  | 96.5  |

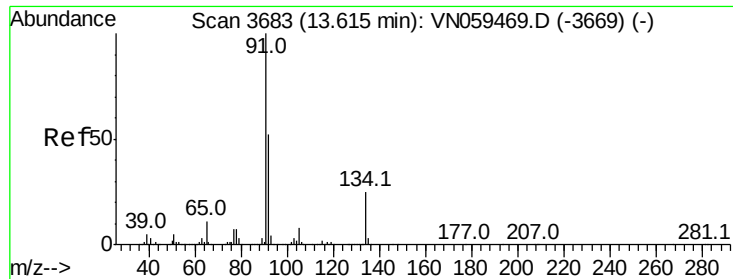


#88  
 1,4-Dichlorobenzene  
 Concen: 20.149 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.9  | 19.8  | 59.3  |
| 148     | 64.1  | 32.0  | 96.0  |







#89

n-Butylbenzene

Concen: 20.077 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampled :

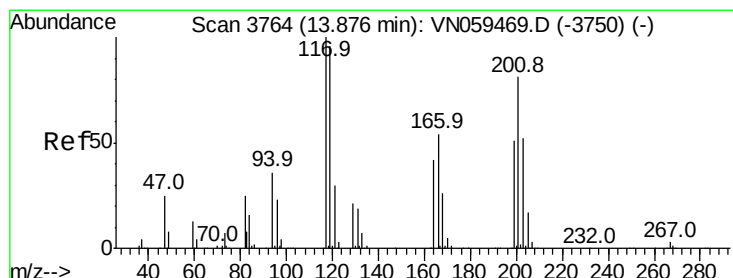
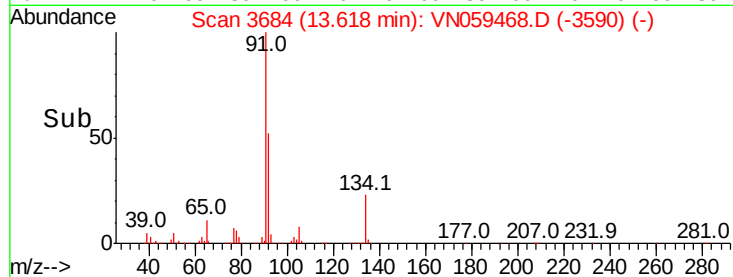
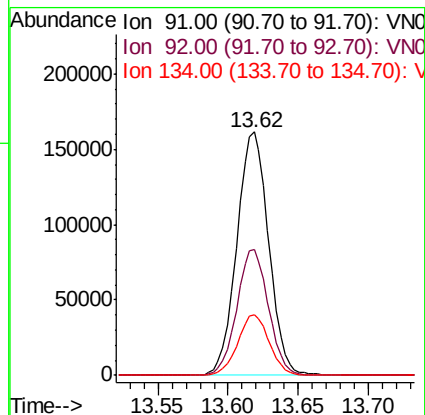
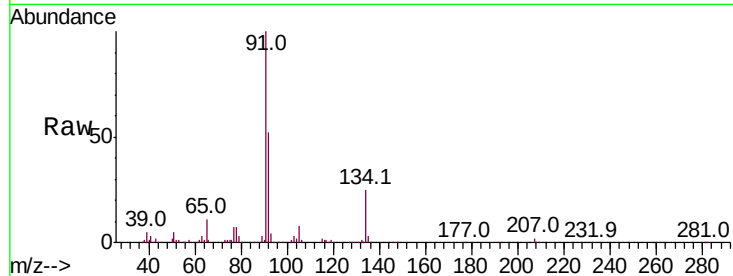
Tot Ion: 91 Resp: 256046

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.8

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 20.223 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059468.D

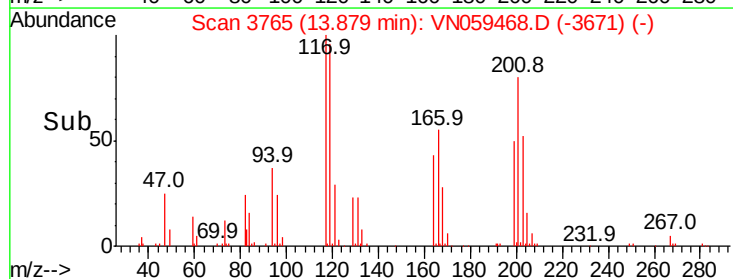
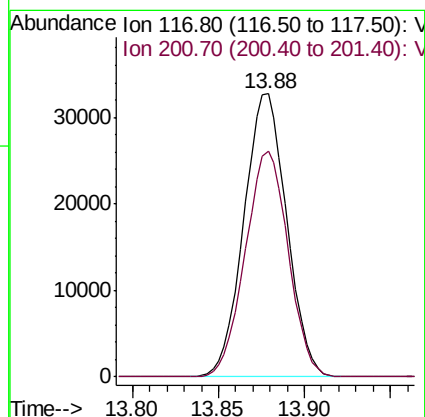
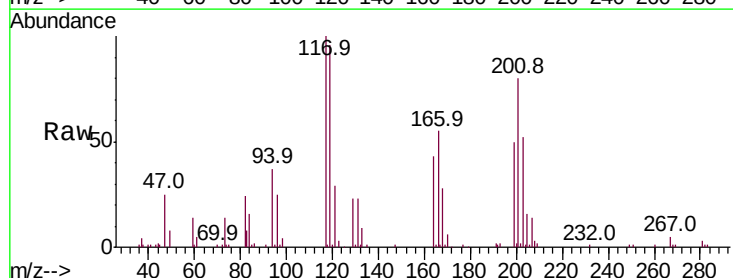
Acq: 3 Dec 2019 14:03

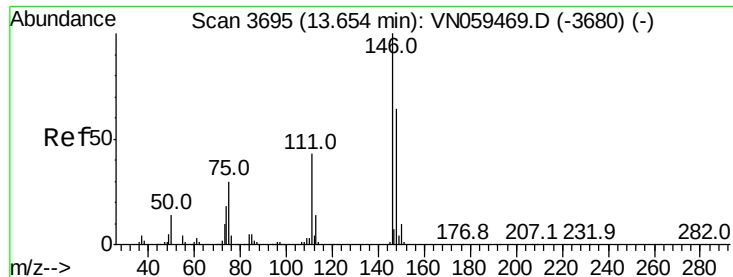
Tgt Ion: 117 Resp: 56426

Ion Ratio Lower Upper

117 100

201 80.0 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.371 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampleId :

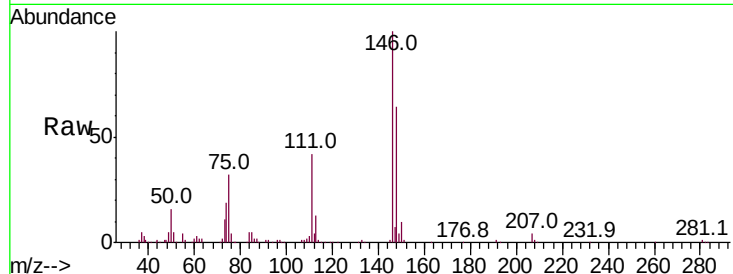
Tot Ion:146 Resp: 145345

Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.7

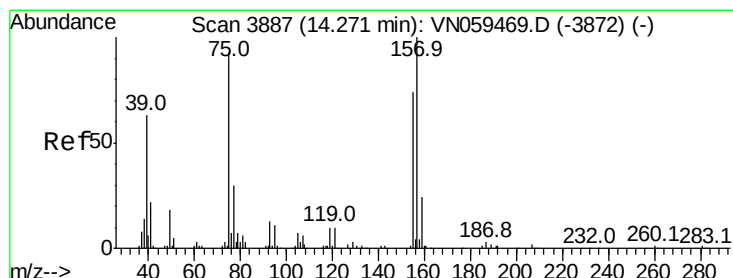
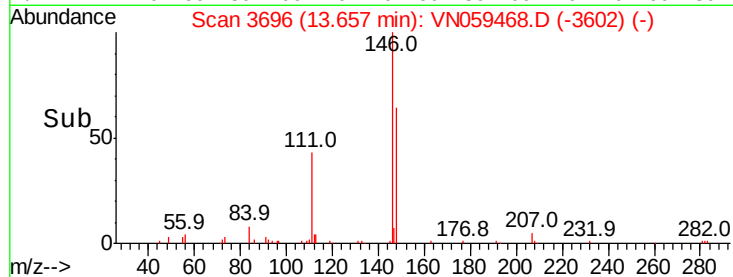
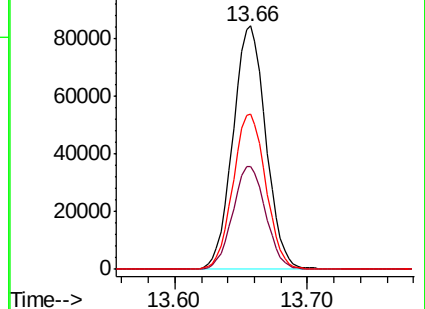
148 63.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.124 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

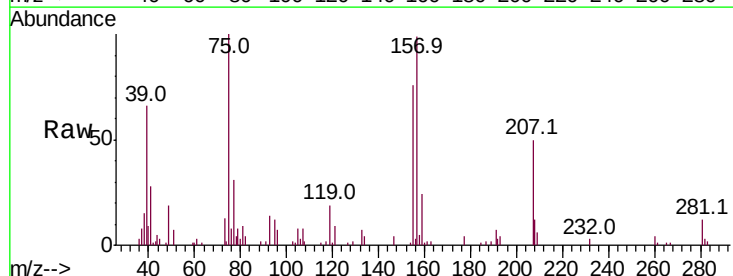
Tgt Ion: 75 Resp: 22694

Ion Ratio Lower Upper

75 100

155 79.1 40.6 122.0

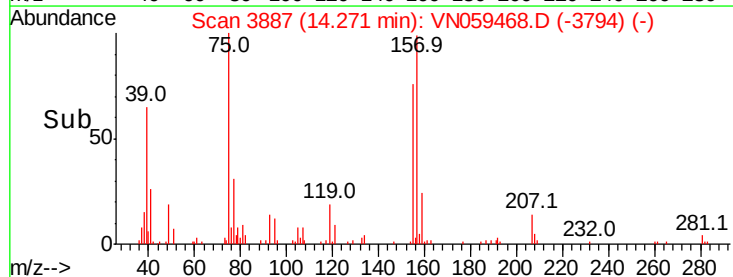
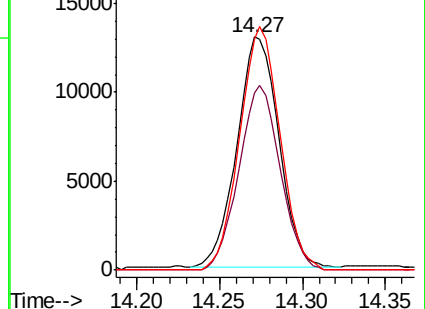
157 102.0 52.9 158.7

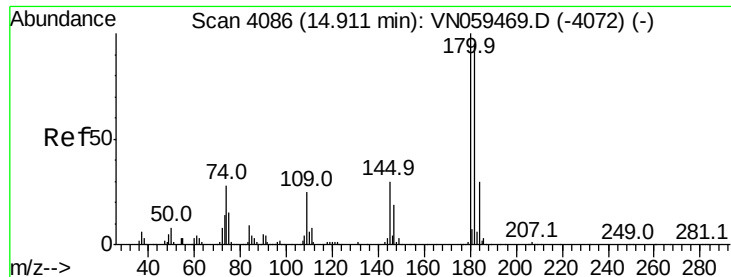


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

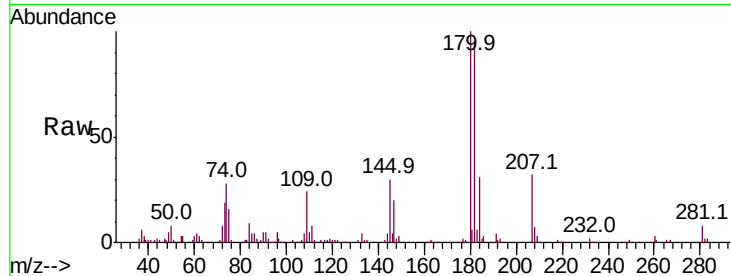




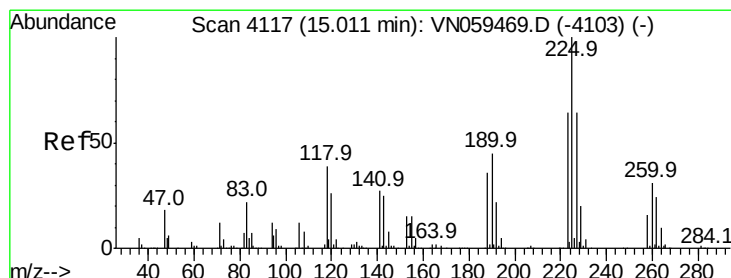
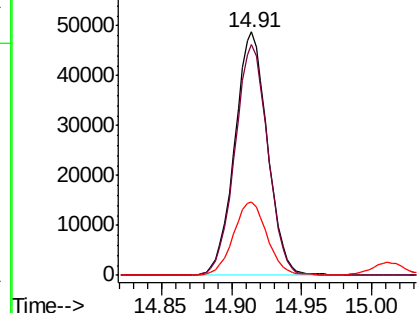
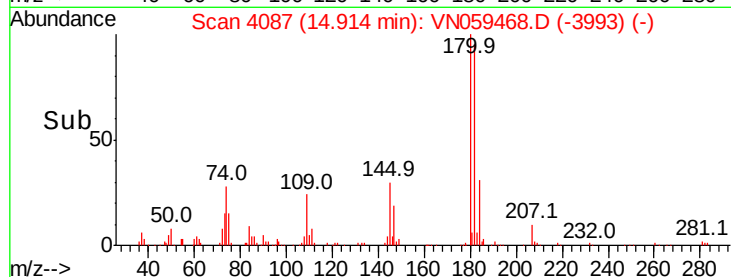
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.086 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:180 Resp: 79443  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 48.0 144.2  
 145 31.0 15.2 45.6

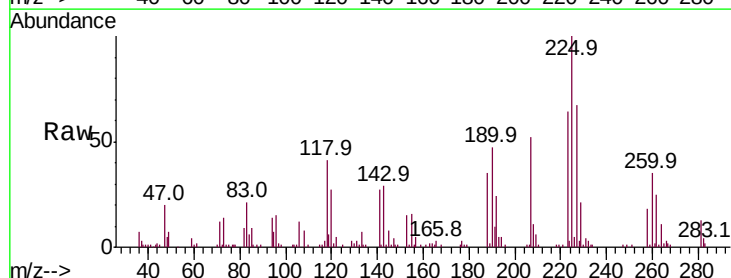


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

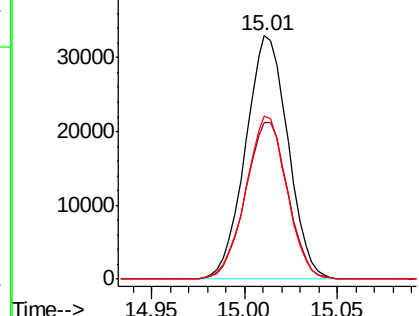
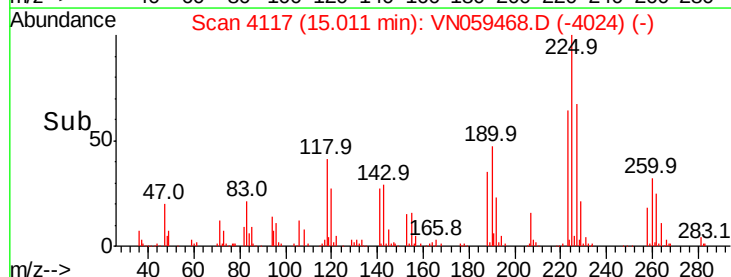


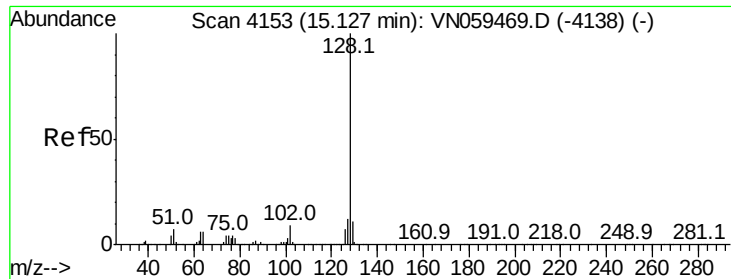
#94  
 Hexachlorobutadiene  
 Concen: 19.369 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN059468.D  
 Acq: 3 Dec 2019 14:03

Tgt Ion:225 Resp: 52656  
 Ion Ratio Lower Upper  
 225 100  
 223 64.2 31.9 95.5  
 227 64.8 32.0 96.2



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: 16.390 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

Instrument :

MSVOA\_N

ClientSampleId :

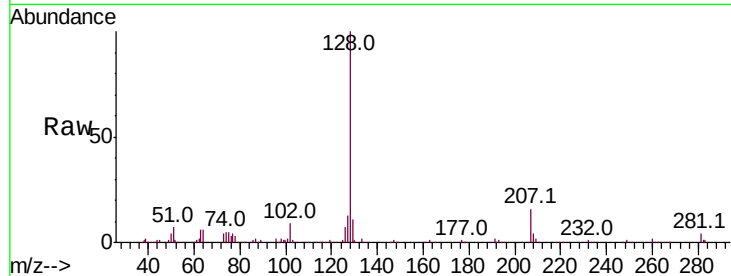
Tot Ion:128 Resp: 205130

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

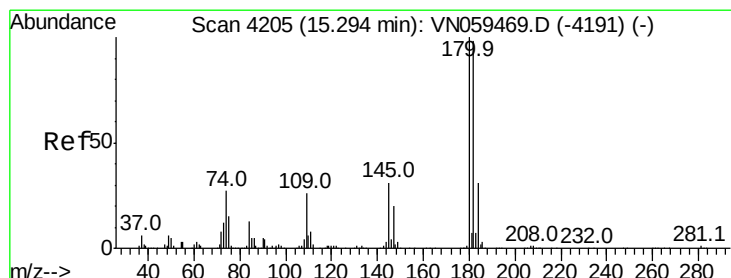
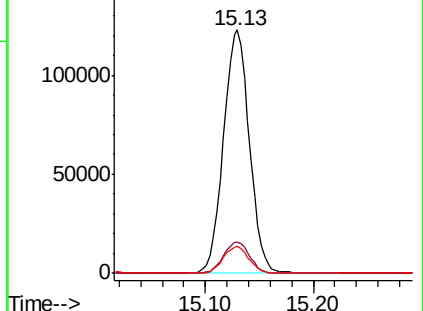
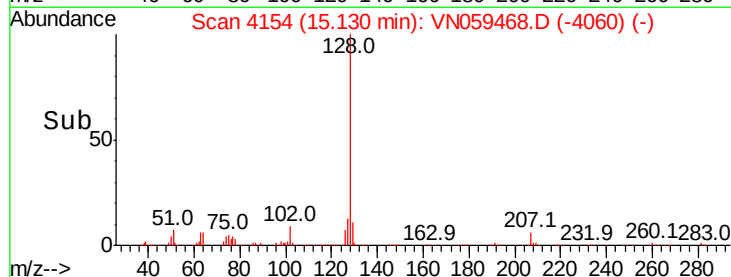
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.961 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059468.D

Acq: 3 Dec 2019 14:03

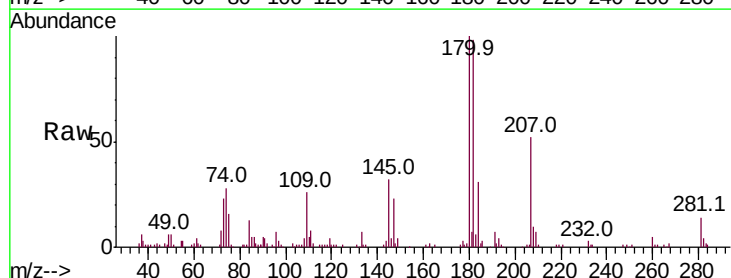
Tgt Ion:180 Resp: 79278

Ion Ratio Lower Upper

180 100

182 96.8 48.5 145.5

145 32.6 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

