

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN090619\  
 Data File : VN057706.D  
 Acq On : 5 Sep 2019 19:16  
 Operator : JC/SP  
 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Sep 06 02:26:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N090619W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 06 02:20:36 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 203347   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 337875   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 315146   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 181816   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 499761   | 109.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 218.48% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 312731   | 102.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 204.52% |      |
| 50) Toluene-d8            | 10.08  | 98  | 1179895  | 103.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 207.30% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 482977   | 111.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 223.26% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 320010  | 100.003 | ug/l | 97     |
| 3) Chloromethane              | 2.04 | 50  | 355579  | 107.550 | ug/l | 100    |
| 4) Vinyl Chloride             | 2.17 | 62  | 266252  | 98.156  | ug/l | 99     |
| 5) Bromomethane               | 2.52 | 94  | 117726  | 77.243  | ug/l | 98     |
| 6) Chloroethane               | 2.67 | 64  | 156131  | 85.720  | ug/l | 93     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 450546  | 91.038  | ug/l | 99     |
| 8) Diethyl Ether              | 3.39 | 74  | 171422  | 99.049  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 264773  | 96.303  | ug/l | 98     |
| 10) Methyl Iodide             | 3.93 | 142 | 301460  | 94.984  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.76 | 59  | 267493  | 521.007 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 243311  | 102.106 | ug/l | 99     |
| 13) Acrolein                  | 3.58 | 56  | 128469  | 479.353 | ug/l | 100    |
| 14) Allyl chloride            | 4.30 | 41  | 564907  | 104.081 | ug/l | 99     |
| 15) Acrylonitrile             | 4.96 | 53  | 712392  | 540.592 | ug/l | 99     |
| 16) Acetone                   | 3.79 | 43  | 721474  | 456.557 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.03 | 76  | 583985  | 104.722 | ug/l | 100    |
| 18) Methyl Acetate            | 4.30 | 43  | 379922  | 92.085  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73  | 1016860 | 102.180 | ug/l | 98     |
| 20) Methylene Chloride        | 4.53 | 84  | 300196  | 98.301  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 256555  | 99.627  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.93 | 45  | 1173261 | 101.139 | ug/l | 97     |
| 23) Vinyl Acetate             | 5.87 | 43  | 4909278 | 562.331 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 591820  | 100.871 | ug/l | 99     |
| 25) 2-Butanone                | 6.81 | 43  | 1057515 | 506.365 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 516201  | 99.815  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 323502  | 104.420 | ug/l | 97     |
| 28) Bromochloromethane        | 7.18 | 49  | 331819  | 107.860 | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.19 | 42  | 670700  | 526.828 | ug/l | 98     |
| 30) Chloroform                | 7.36 | 83  | 622764  | 99.935  | ug/l | 100    |
| 31) Cyclohexane               | 7.64 | 56  | 494970  | 95.862  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 546700  | 105.733 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 422850  | 99.753  | ug/l | 98     |
| 37) Ethyl Acetate             | 6.91 | 43  | 448569  | 103.759 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 442667  | 102.371 | ug/l | 99     |

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 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Sep 06 02:26:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N090619W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 06 02:20:36 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 461069   | 97.965   | ug/l   | 100      |
| 40) Benzene                    | 8.03  | 78   | 1219180  | 98.877   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.15  | 41   | 209703   | 116.264  | ug/l # | 94       |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 566390   | 99.833   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.15  | 43   | 838693   | 105.601  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 283411   | 96.025   | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 339618   | 98.608   | ug/l   | 97       |
| 46) Dibromomethane             | 9.20  | 93   | 223858   | 99.790   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.39  | 83   | 494830   | 106.621  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.19  | 41   | 409007   | 106.666  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 101536   | 1870.206 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 2321181  | 529.582  | ug/l   | 98       |
| 52) Toluene                    | 10.15 | 92   | 753538   | 98.666   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 522983   | 110.209  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 547869   | 105.824  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 300736   | 98.842   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 502837   | 107.521  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 536140   | 99.845   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 1233661  | 742.299  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1700411  | 553.417  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 327842   | 109.795  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 306002   | 102.710  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 237105   | 86.940   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 793197   | 99.250   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 296864   | 102.205  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1552447  | 101.754  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 1097015  | 208.729  | ug/l   | 96       |
| 69) o-Xylene                   | 11.95 | 106  | 535852   | 102.313  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 959926   | 115.047  | ug/l   | 98       |
| 71) Bromoform                  | 12.13 | 173  | 213956   | 117.826  | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.25 | 105  | 1522884  | 69.832   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 796309   | 87.879   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 448829   | 75.926   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 602118   | 120.582  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 334456   | 71.875   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 1828892  | 76.878   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 1105368  | 75.315   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1319505  | 74.338   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 139605   | 95.240   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 1159361  | 83.384   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1088192  | 69.652   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1319389  | 81.172   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1525404  | 77.558   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1337655  | 82.467   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 627733   | 98.005   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 624697   | 95.778   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 1332689  | 94.063   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 227153   | 78.700   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 612305   | 100.559  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 99214    | 113.849  | ug/l   | 96       |

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Acq On : 5 Sep 2019 19:16  
Operator : JC/SP  
Sample : VSTDICC100  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Quant Time: Sep 06 02:26:35 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N090619W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 06 02:20:36 2019  
Response via : Initial Calibration

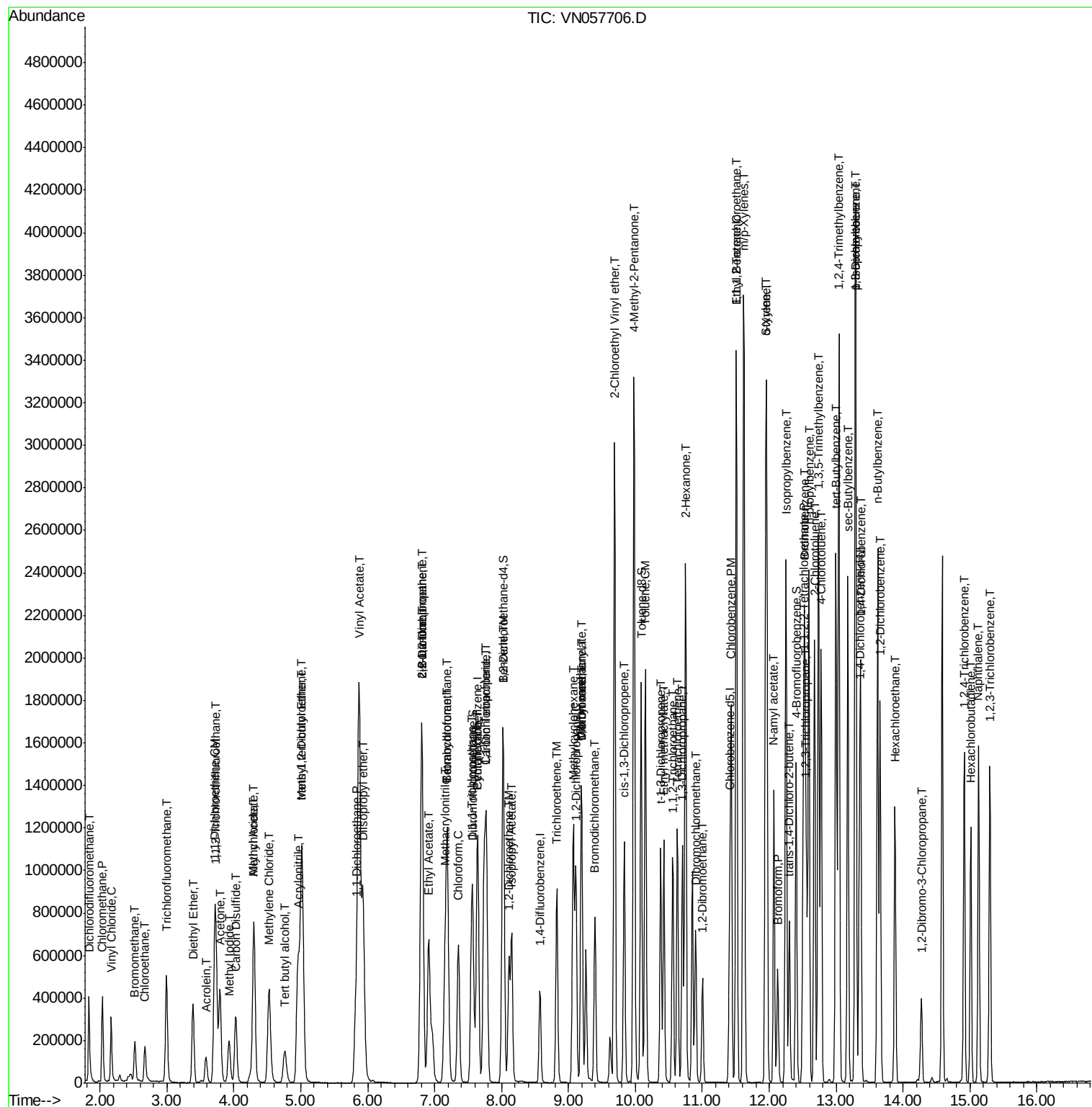
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 400531   | 179.717 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 187561   | 76.091  | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 1145141  | 195.831 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 382167   | 183.616 | ug/l  | 100      |

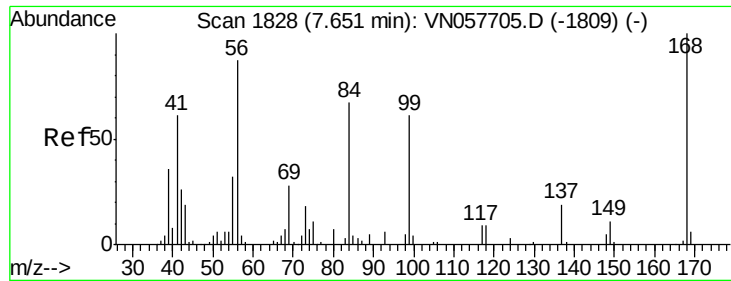
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN090619\  
Data File : VN057706.D  
Acq On : 5 Sep 2019 19:16  
Operator : JC/SP  
Sample : VSTDICC100  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Quant Time: Sep 06 02:26:35 2019  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

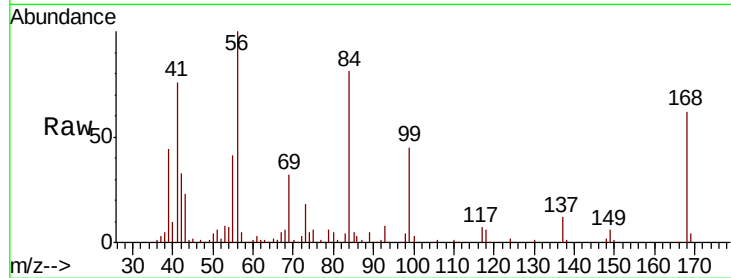
VSTDIC100

Tgt Ion:168 Resp: 203347

Ion Ratio Lower Upper

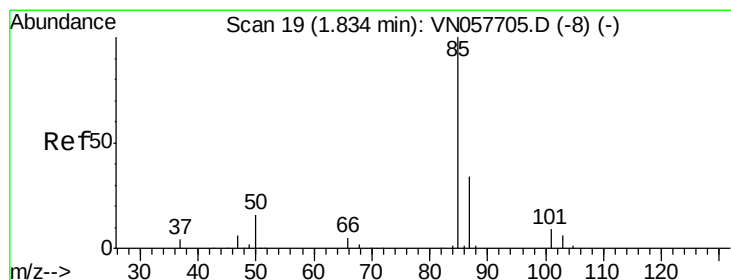
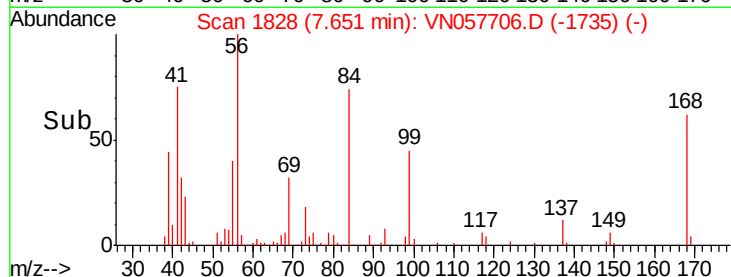
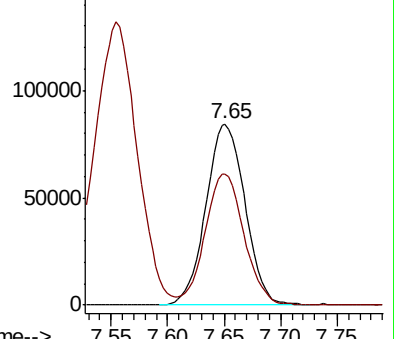
168 100

99 72.0 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 100.003 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057706.D

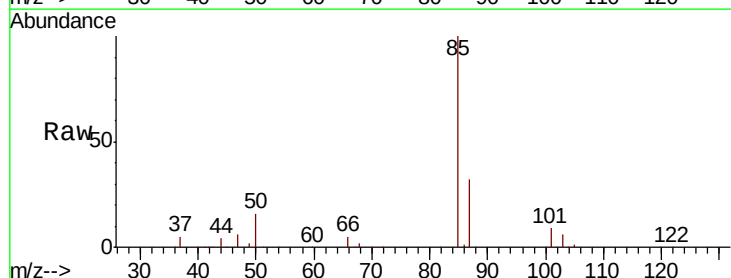
Acq: 5 Sep 2019 19:16

Tgt Ion: 85 Resp: 320010

Ion Ratio Lower Upper

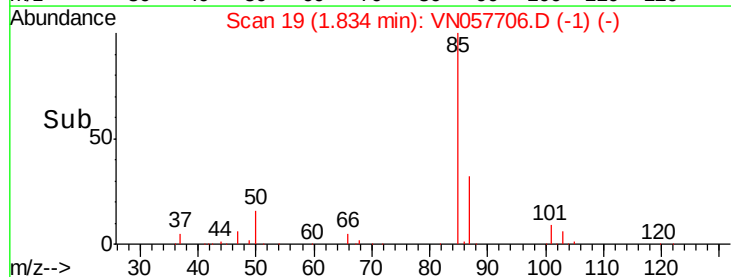
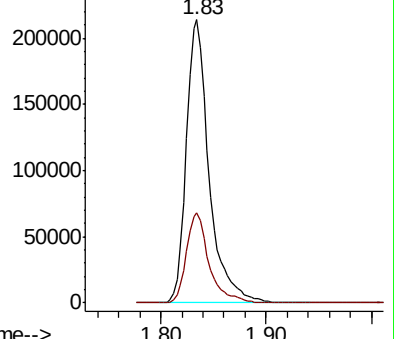
85 100

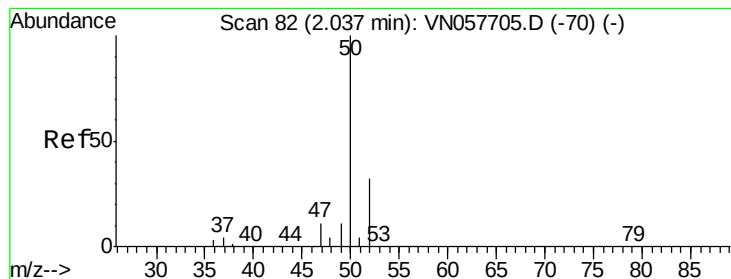
87 32.0 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 107.550 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

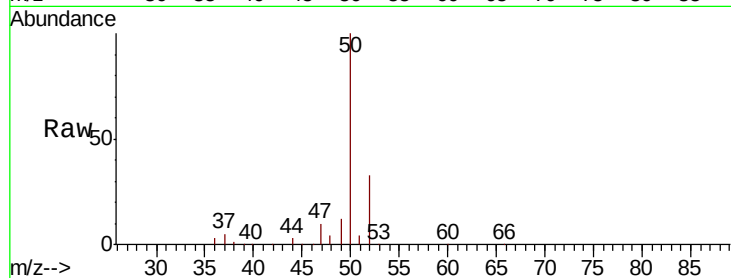
VSTDIC100

Tgt Ion: 50 Resp: 355579

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

250000

200000

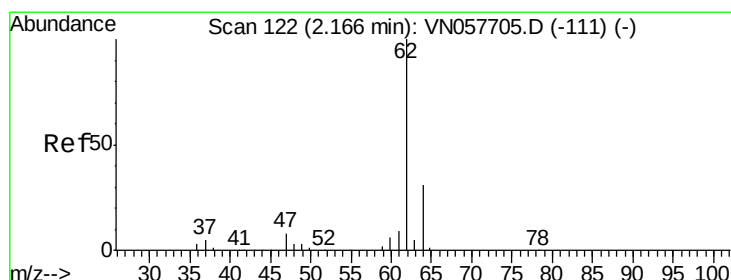
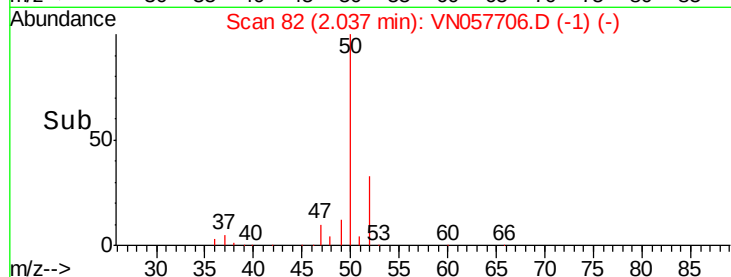
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 98.156 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN057706.D

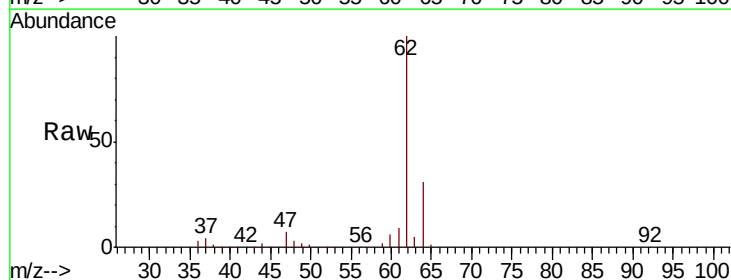
Acq: 5 Sep 2019 19:16

Tgt Ion: 62 Resp: 266252

Ion Ratio Lower Upper

62 100

64 30.7 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

200000

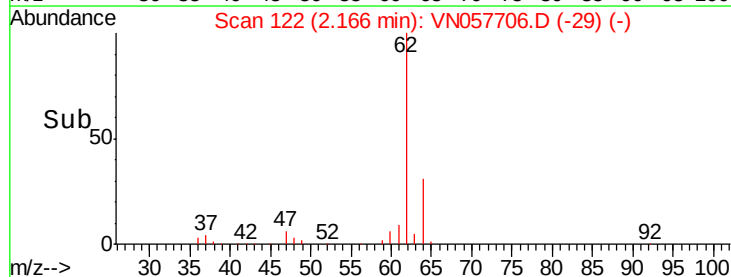
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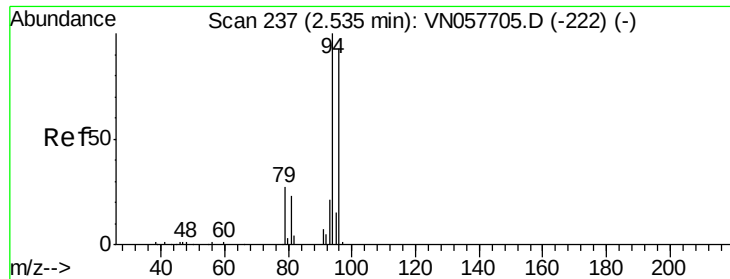
100000

50000

0

Time--> 2.10 2.20 2.30





#5

Bromomethane

Concen: 77.243 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.02 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

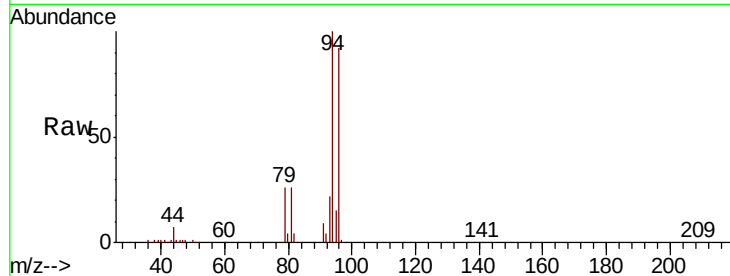
VSTDIC100

Tgt Ion: 94 Resp: 117726

Ion Ratio Lower Upper

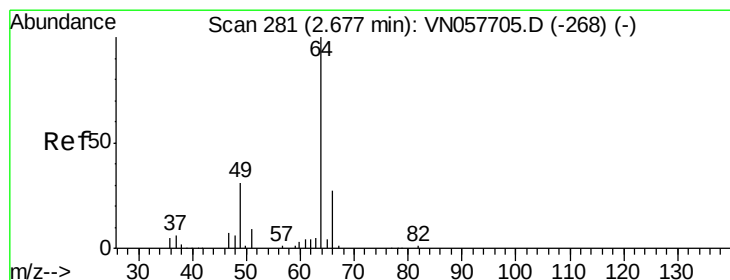
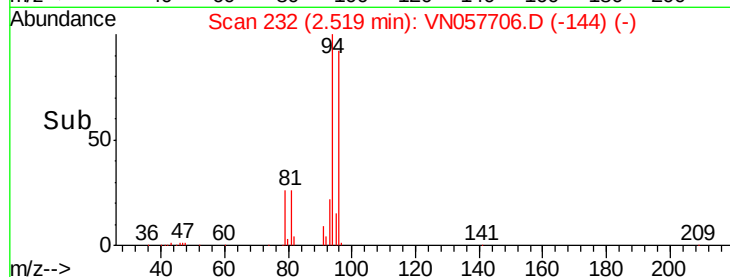
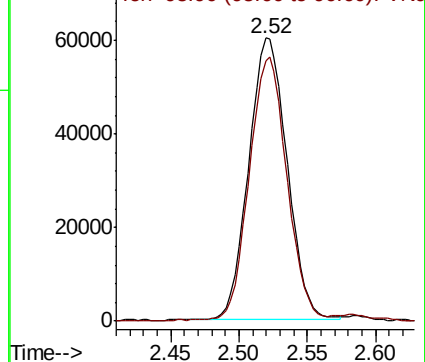
94 100

96 91.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 85.720 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN057706.D

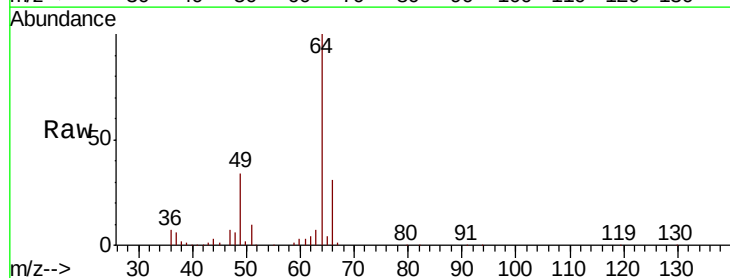
Acq: 5 Sep 2019 19:16

Tgt Ion: 64 Resp: 156131

Ion Ratio Lower Upper

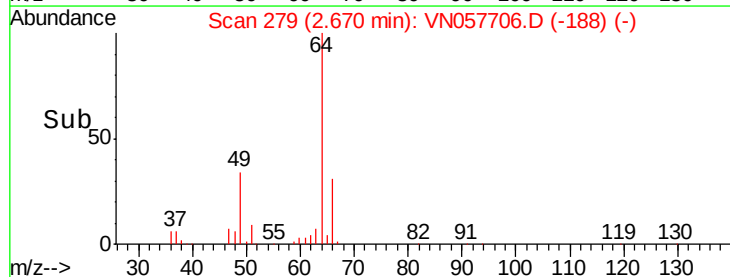
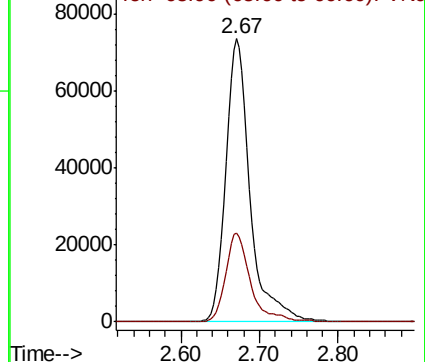
64 100

66 31.3 22.0 33.0

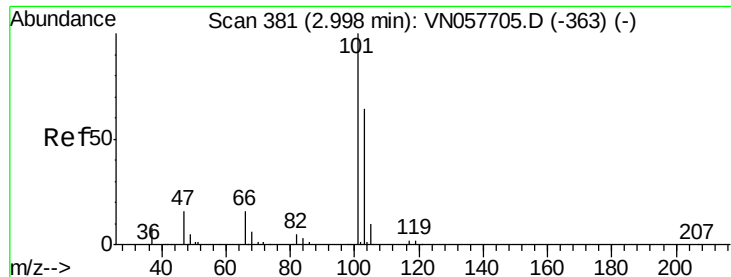


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





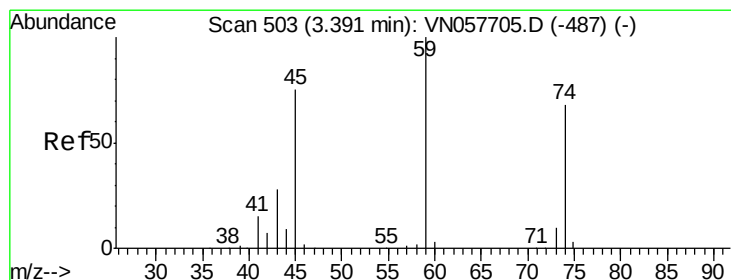
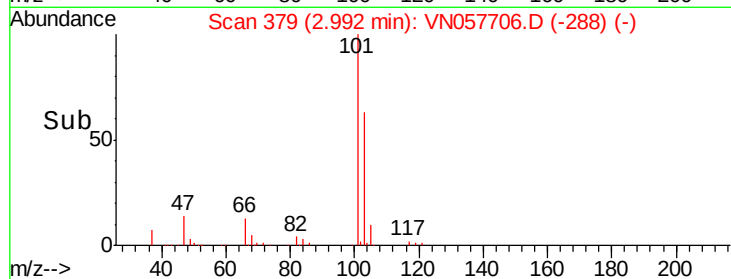
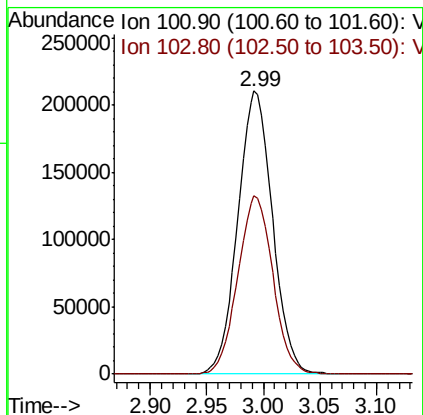
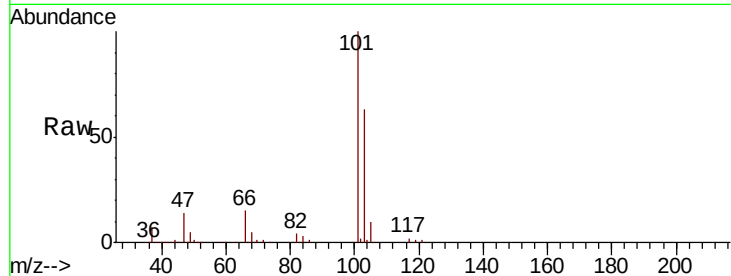


#7

Trichlorofluoromethane  
 Concen: 91.038 ug/l  
 RT: 2.99 min Scan# 379  
 Delta R.T. -0.01 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

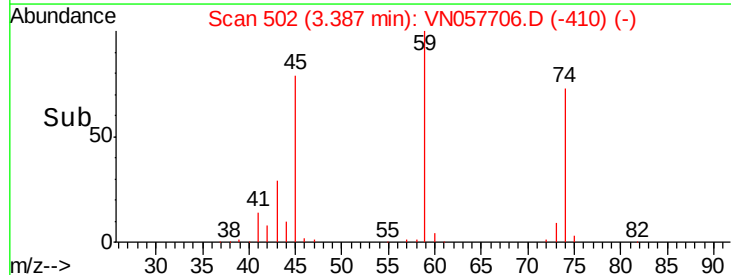
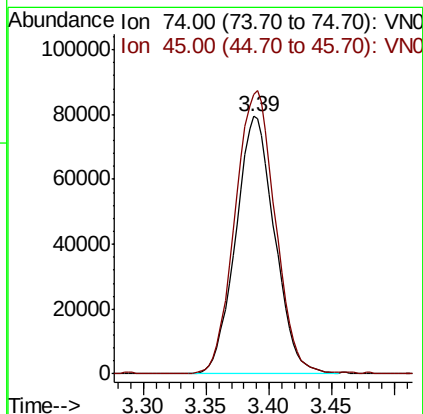
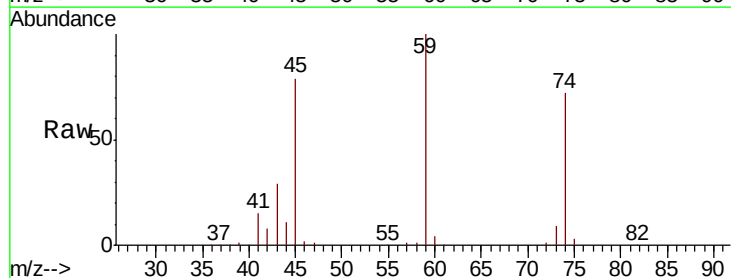
Tgt Ion: 101 Resp: 450546  
 Ion Ratio Lower Upper  
 101 100  
 103 63.1 51.4 77.0



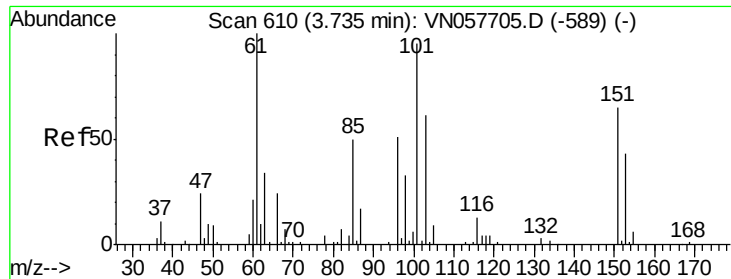
#8

Diethyl Ether  
 Concen: 99.049 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. -0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 74 Resp: 171422  
 Ion Ratio Lower Upper  
 74 100  
 45 113.9 55.4 166.0



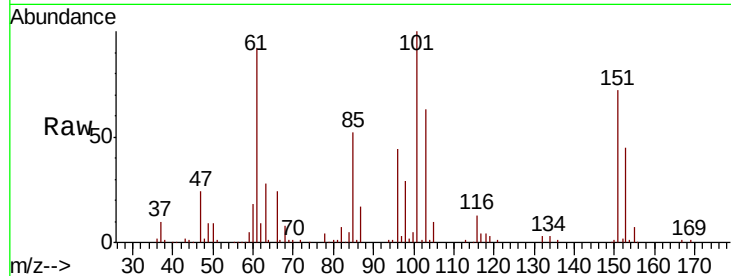




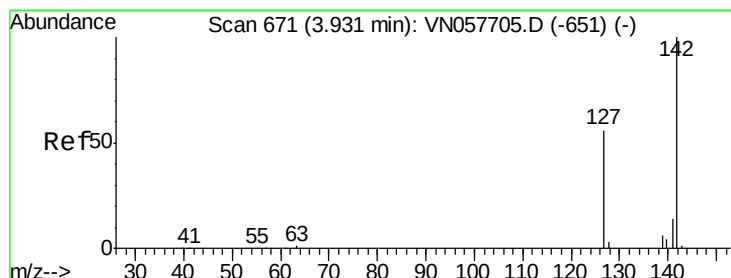
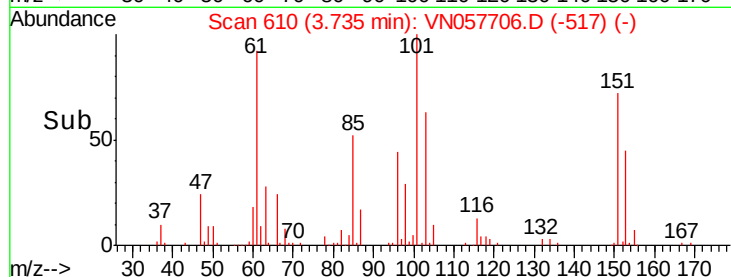
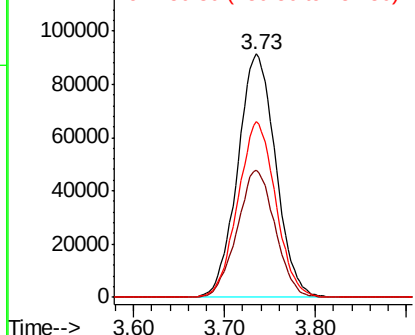
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 96.303 ug/l  
 RT: 3.73 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:101 Resp: 264773  
 Ion Ratio Lower Upper  
 101 100  
 85 52.3 42.8 64.2  
 151 71.9 55.5 83.3

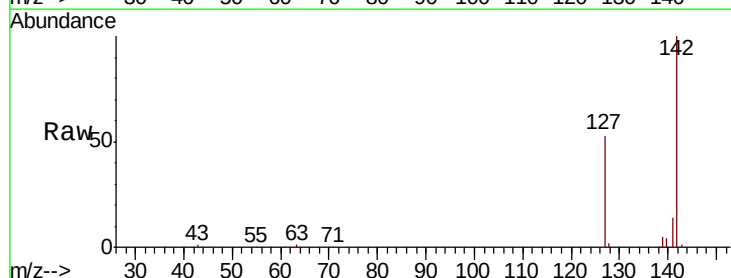


Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 84.90 (84.60 to 85.60): V  
 Ion 150.80 (150.50 to 151.50): V

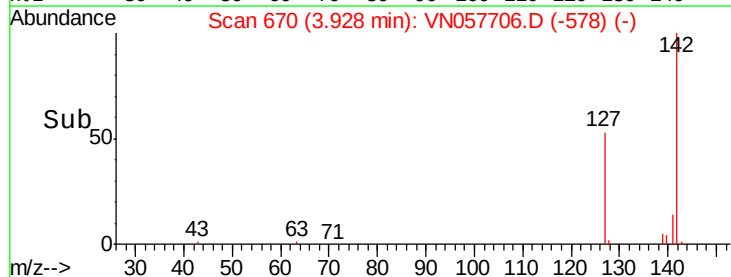
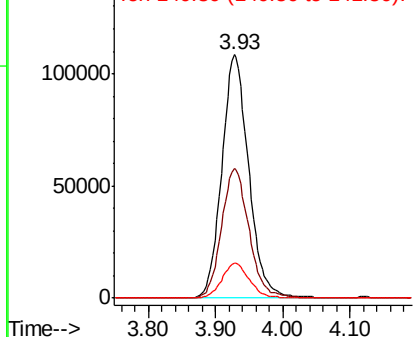


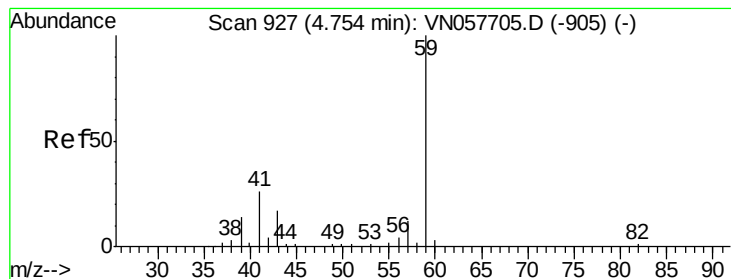
#10  
 Methyl Iodide  
 Concen: 94.984 ug/l  
 RT: 3.93 min Scan# 670  
 Delta R.T. -0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion:142 Resp: 301460  
 Ion Ratio Lower Upper  
 142 100  
 127 54.4 42.1 63.1  
 141 14.6 11.0 16.4



Abundance Ion 141.80 (141.50 to 142.50): V  
 Ion 126.80 (126.50 to 127.50): V  
 Ion 140.80 (140.50 to 141.50): V



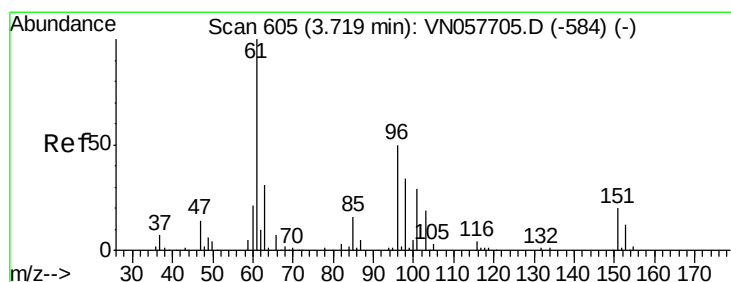
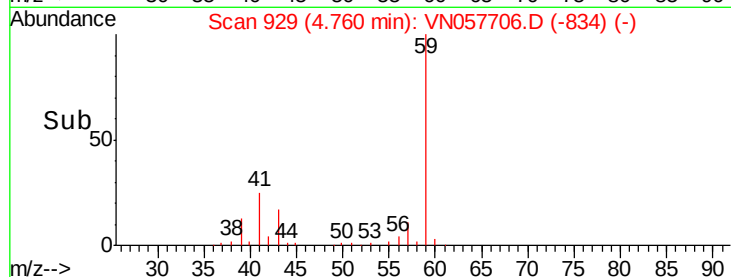
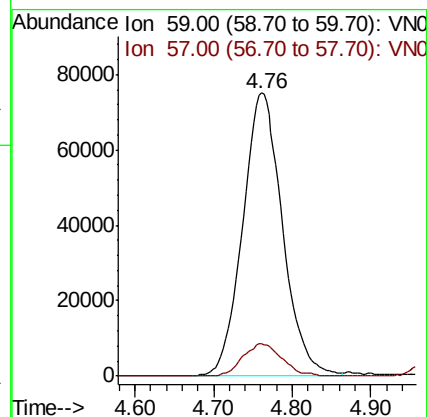
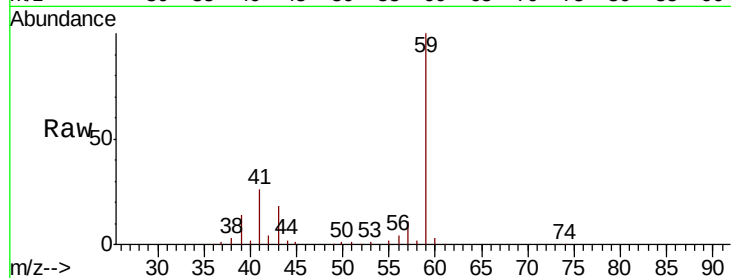


#11

Tert butyl alcohol  
 Concen: 521.007 ug/l  
 RT: 4.76 min Scan# 929  
 Delta R.T. 0.01 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

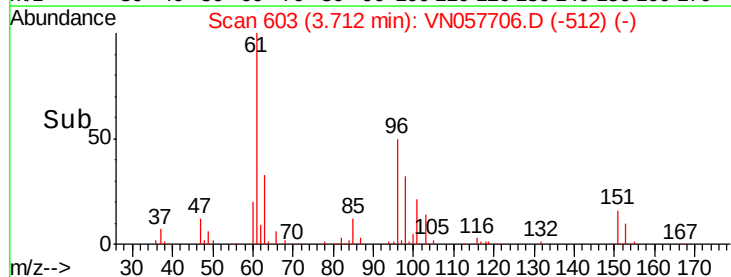
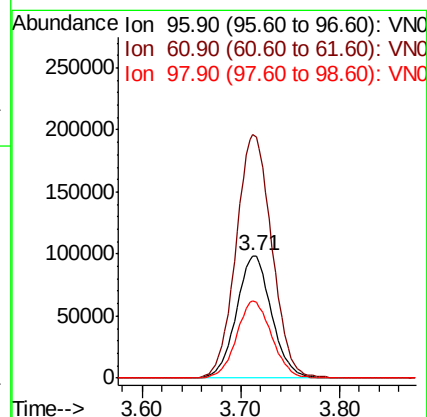
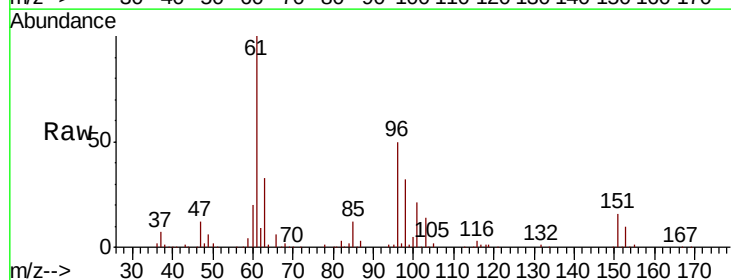
Tgt Ion: 59 Resp: 267493  
 Ion Ratio Lower Upper  
 59 100  
 57 11.3 8.9 13.3

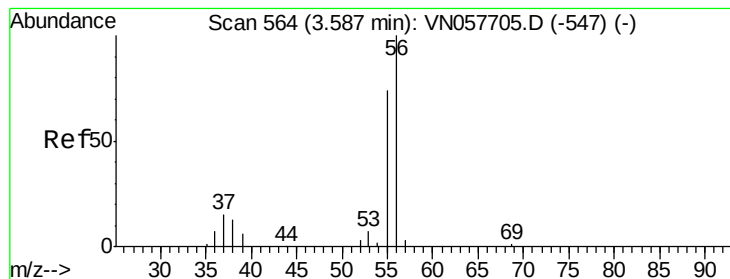


#12

1,1-Dichloroethene  
 Concen: 102.106 ug/l  
 RT: 3.71 min Scan# 603  
 Delta R.T. -0.01 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 96 Resp: 243311  
 Ion Ratio Lower Upper  
 96 100  
 61 198.8 158.7 238.1  
 98 63.4 53.8 80.8





#13

Acrolein

Concen: 479.353 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

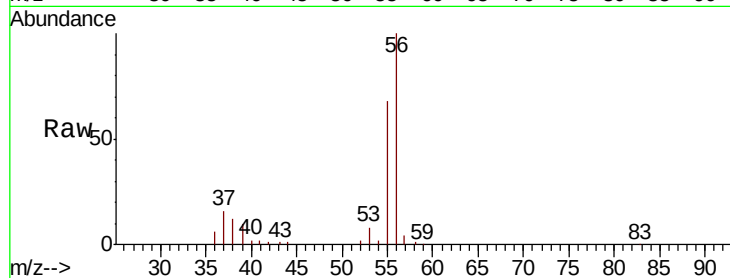
VSTDIC100

Tgt Ion: 56 Resp: 128469

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.0

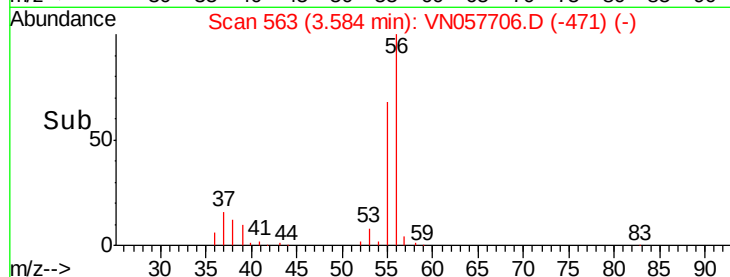


Abundance Ion 56.00 (55.70 to 56.70): VN057705.D (-547) (-)

Ion 55.00 (54.70 to 55.70): VN057705.D (-547) (-)

3.58

Time-->



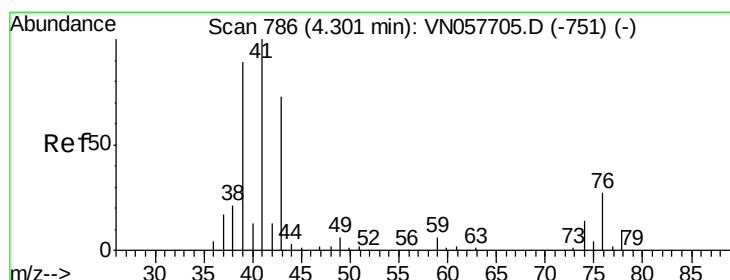
Abundance

Ion 56.00 (55.70 to 56.70): VN057706.D (-471) (-)

Ion 55.00 (54.70 to 55.70): VN057706.D (-471) (-)

3.58

Time-->



#14

Allyl chloride

Concen: 104.081 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

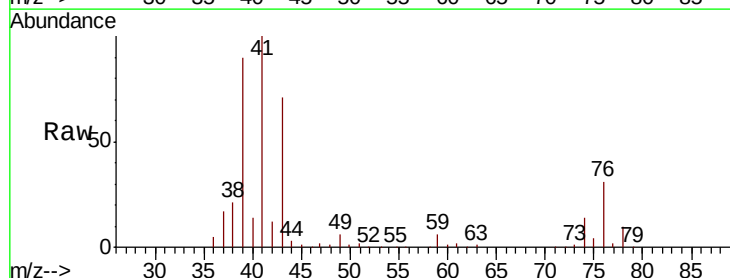
Tgt Ion: 41 Resp: 564907

Ion Ratio Lower Upper

41 100

39 83.6 67.5 101.3

76 26.9 21.4 32.2



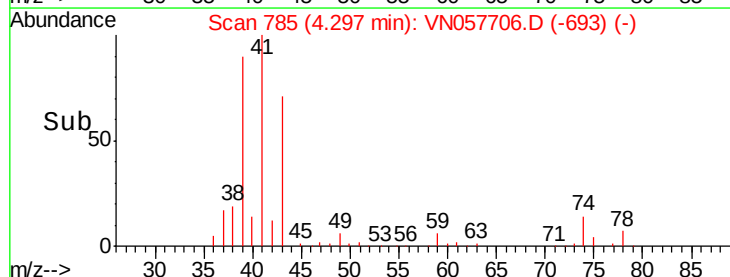
Abundance Ion 41.00 (40.70 to 41.70): VN057705.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN057705.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN057705.D (-751) (-)

4.30

Time-->



Abundance

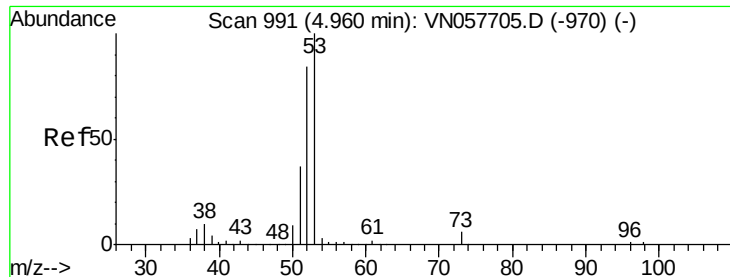
Ion 41.00 (40.70 to 41.70): VN057706.D (-693) (-)

Ion 39.00 (38.70 to 39.70): VN057706.D (-693) (-)

Ion 75.90 (75.60 to 76.60): VN057706.D (-693) (-)

4.30

Time-->



#15

Acrylonitrile

Concen: 540.592 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

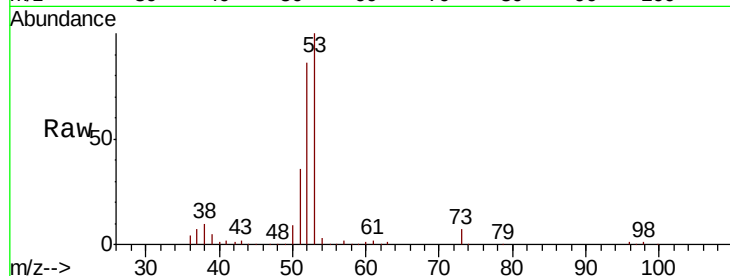
Tgt Ion: 53 Resp: 712392

Ion Ratio Lower Upper

53 100

52 84.3 68.1 102.1

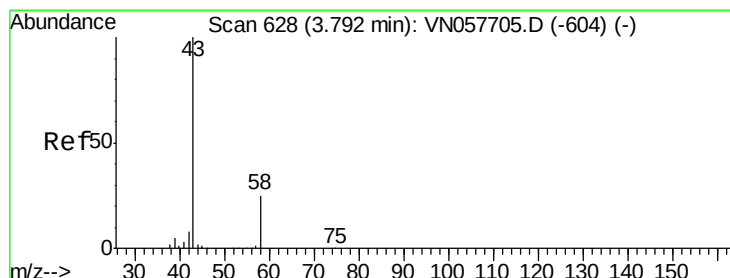
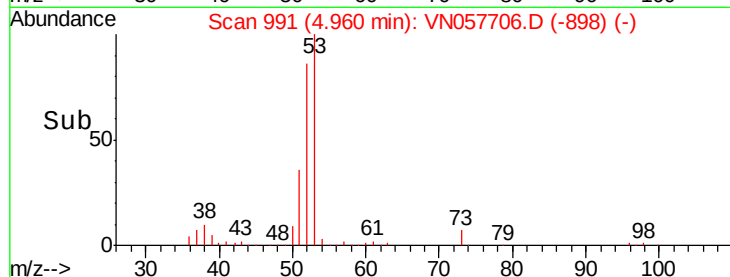
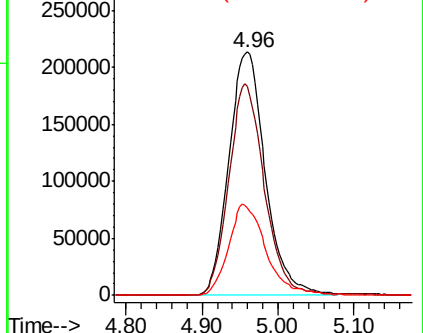
51 38.3 30.4 45.6



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: 456.557 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN057706.D

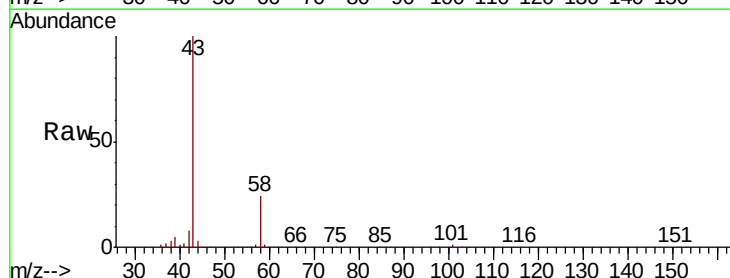
Acq: 5 Sep 2019 19:16

Tgt Ion: 43 Resp: 721474

Ion Ratio Lower Upper

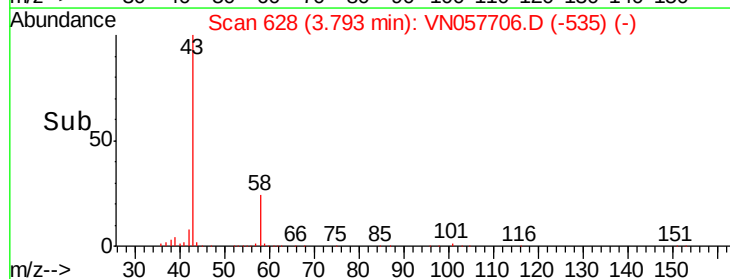
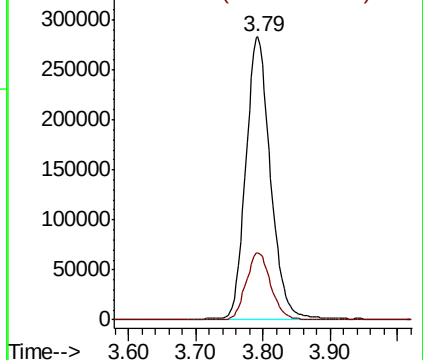
43 100

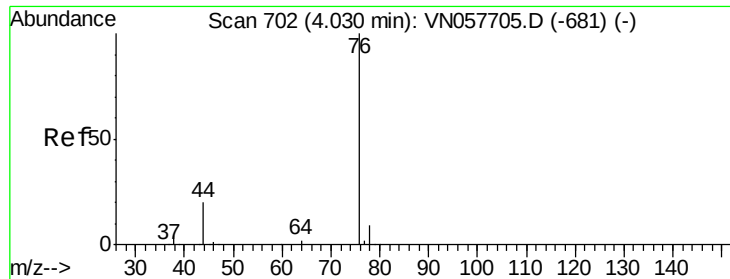
58 23.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

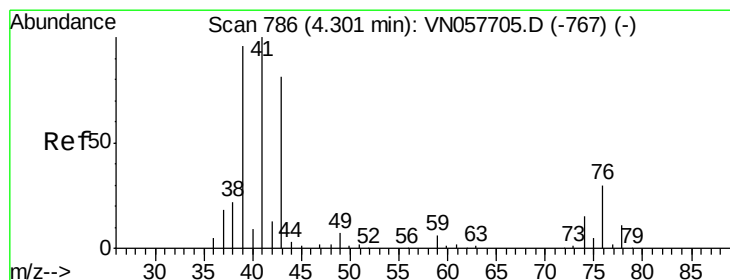
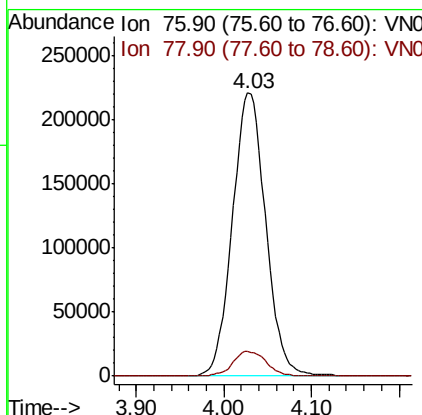
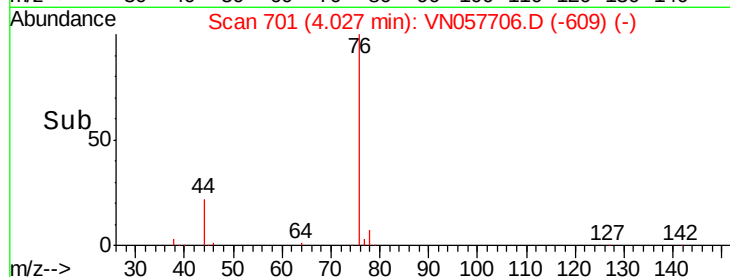
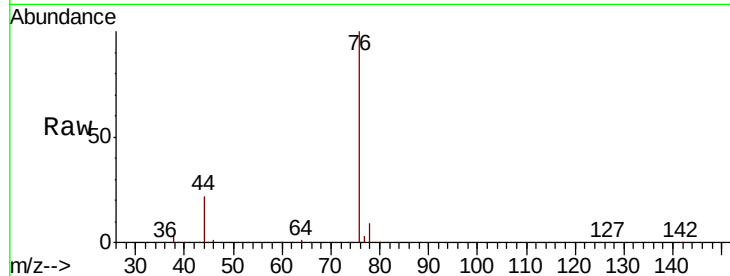




#17  
Carbon Disulfide  
Concen: 104.722 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

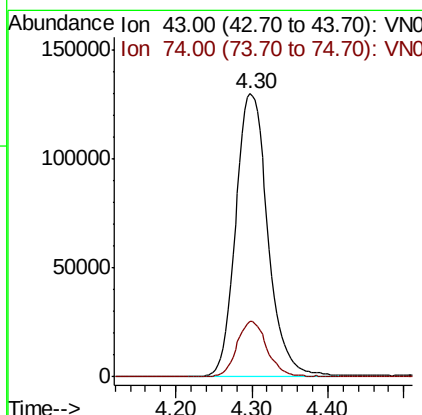
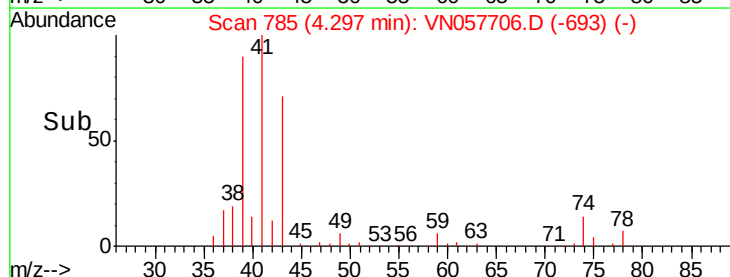
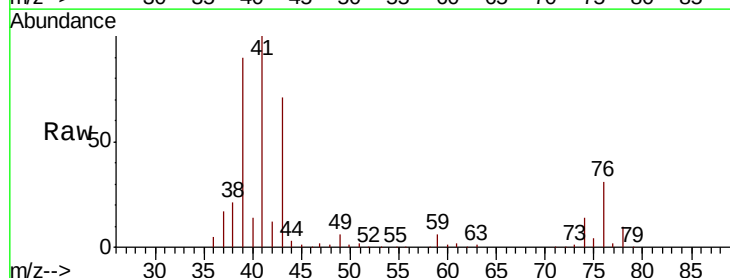
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

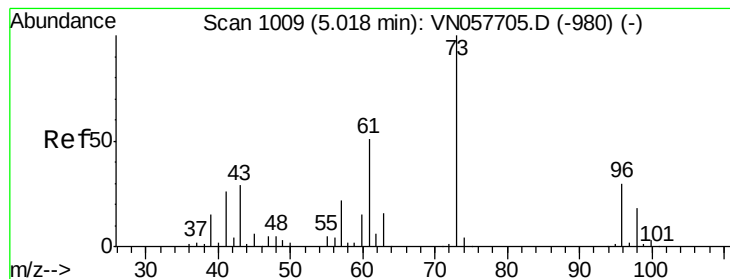
Tgt Ion: 76 Resp: 583985  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.0 10.6



#18  
Methyl Acetate  
Concen: 92.085 ug/l  
RT: 4.30 min Scan# 785  
Delta R.T. -0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 43 Resp: 379922  
Ion Ratio Lower Upper  
43 100  
74 18.7 15.3 22.9



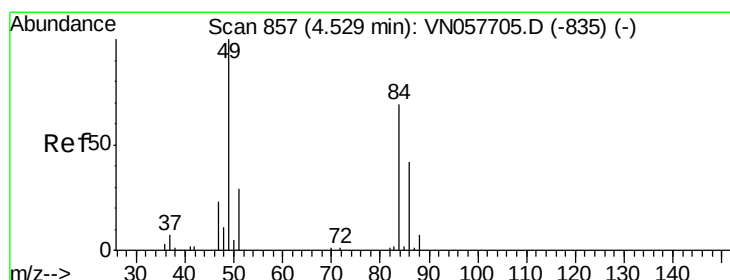
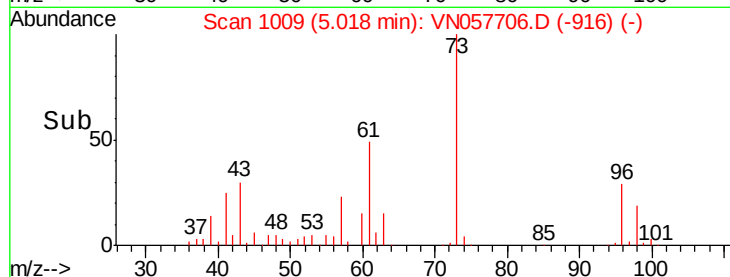
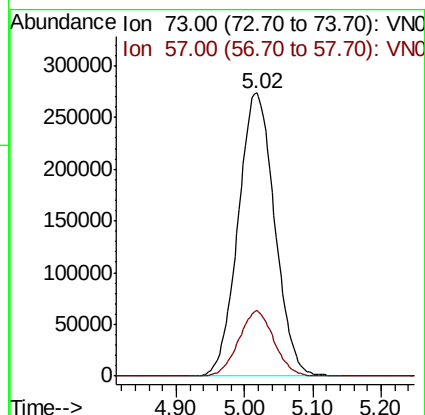
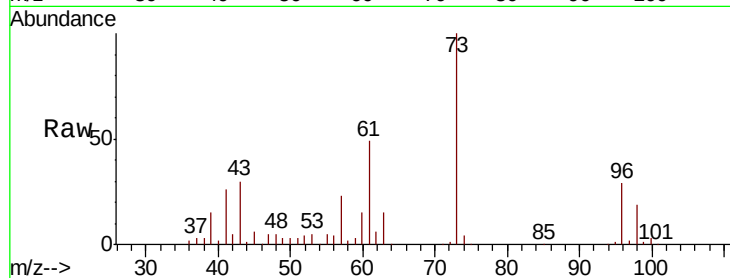


#19

Methyl tert-butyl Ether  
 Concen: 102.180 ug/l  
 RT: 5.02 min Scan# 1009  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

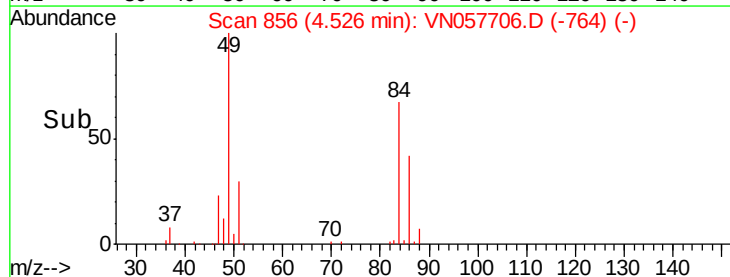
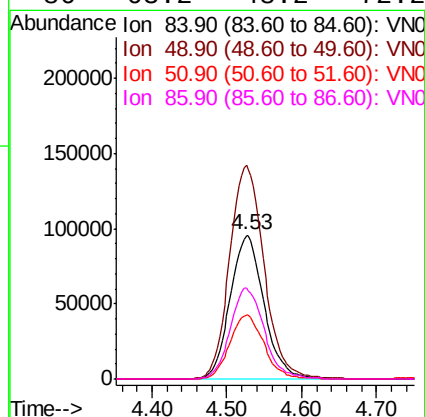
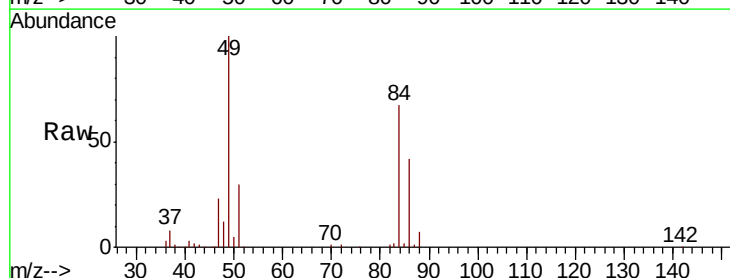
Tgt Ion: 73 Resp: 1016860  
 Ion Ratio Lower Upper  
 73 100  
 57 23.2 17.7 26.5

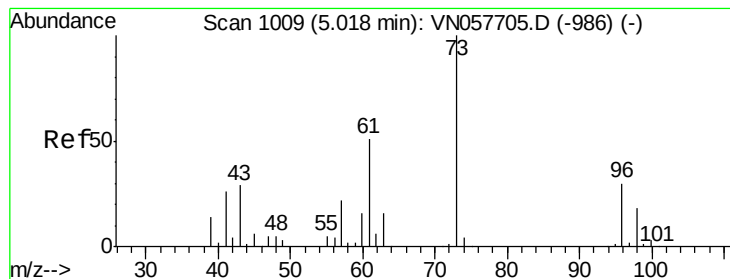


#20

Methylene Chloride  
 Concen: 98.301 ug/l  
 RT: 4.53 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 84 Resp: 300196  
 Ion Ratio Lower Upper  
 84 100  
 49 148.7 115.0 172.6  
 51 44.8 33.8 50.8  
 86 63.2 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 99.627 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

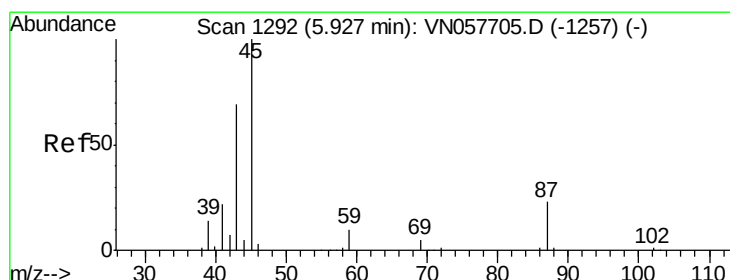
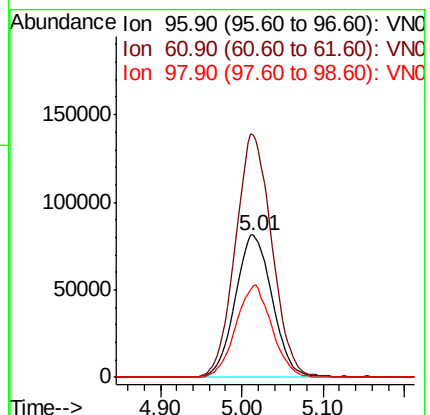
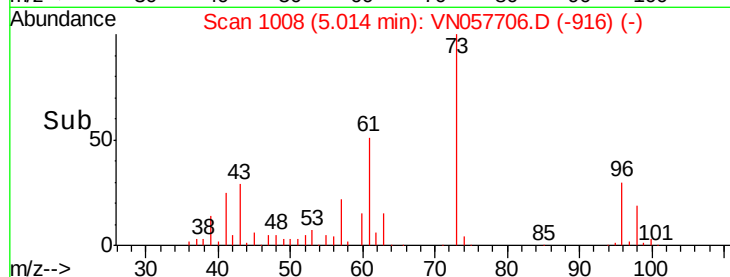
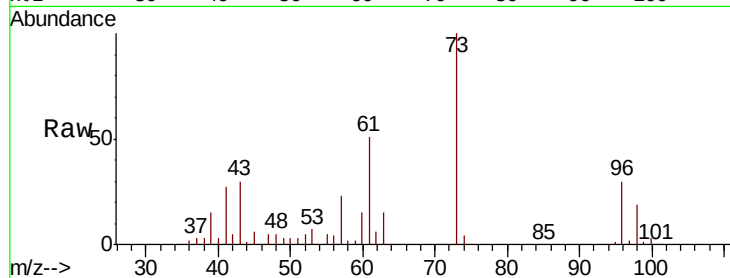
Tgt Ion: 96 Resp: 256555

Ion Ratio Lower Upper

96 100

61 170.5 135.8 203.8

98 63.9 49.0 73.6



#22

Diisopropyl ether

Concen: 101.139 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Tgt Ion: 45 Resp: 1173261

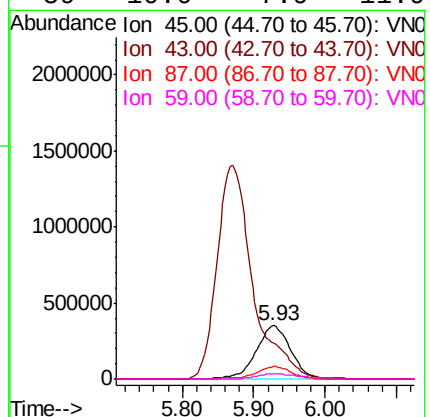
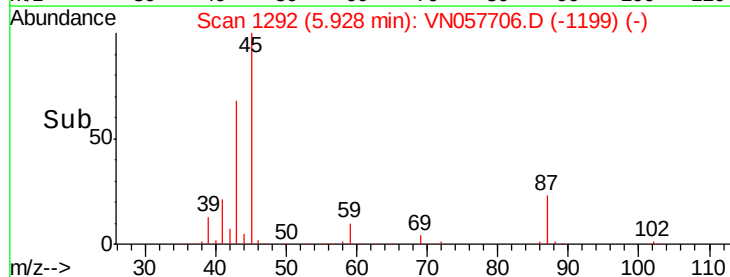
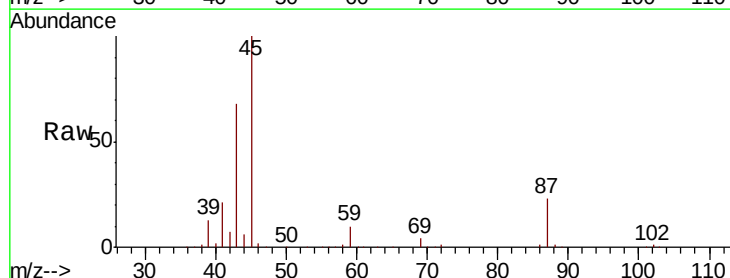
Ion Ratio Lower Upper

45 100

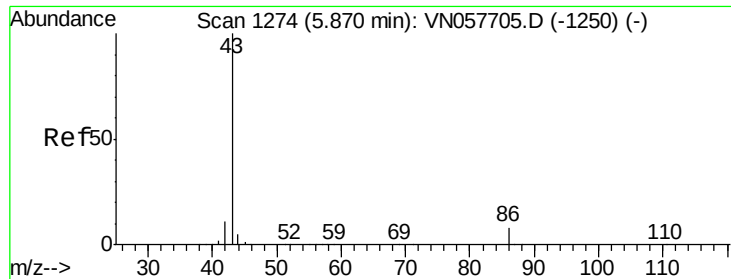
43 66.5 55.5 83.3

87 22.8 18.6 28.0

59 10.0 7.9 11.9



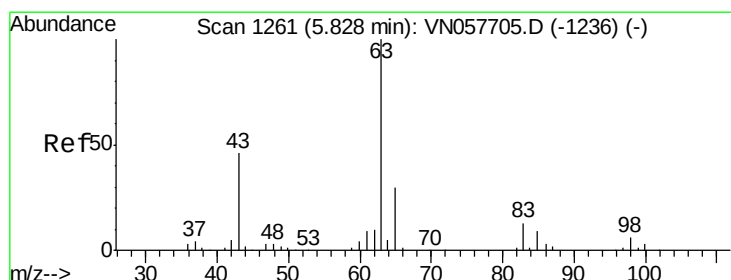
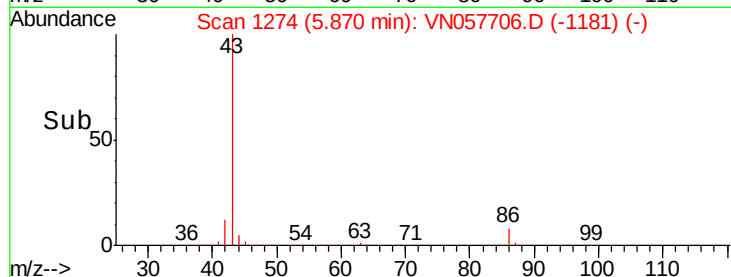
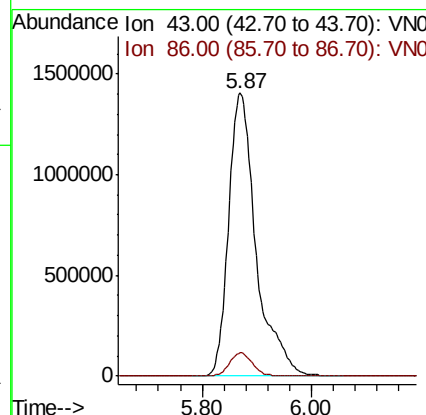
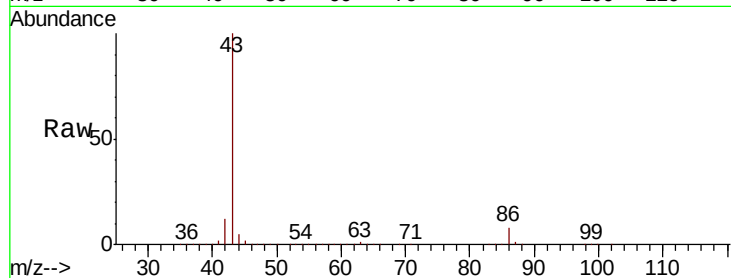




#23  
 Vinyl Acetate  
 Concen: 562.331 ug/l  
 RT: 5.87 min Scan# 1274  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

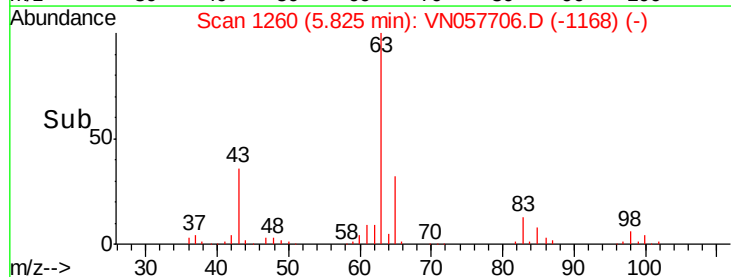
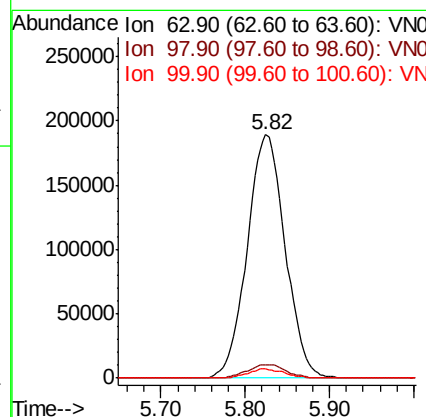
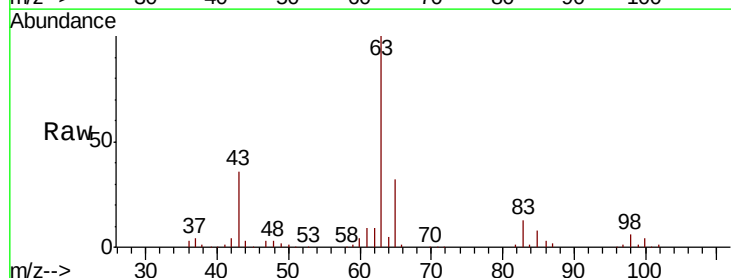
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

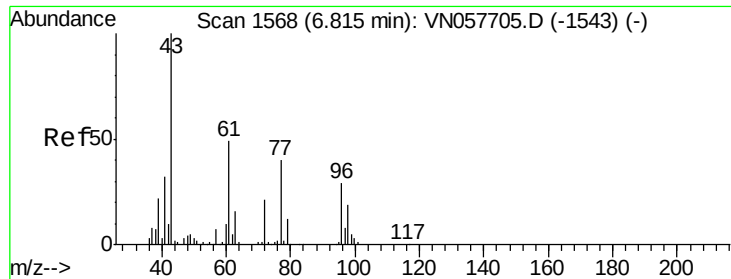
Tgt Ion: 43 Resp: 4909278  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 6.2 9.4



#24  
 1,1-Dichloroethane  
 Concen: 100.871 ug/l  
 RT: 5.82 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 63 Resp: 591820  
 Ion Ratio Lower Upper  
 63 100  
 98 5.6 2.9 8.8  
 100 3.7 1.7 5.0





#25

2-Butanone

Concen: 506.365 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

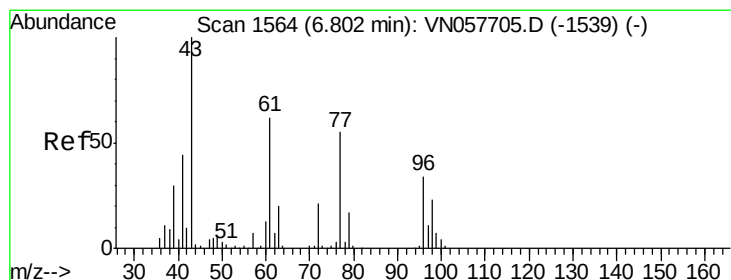
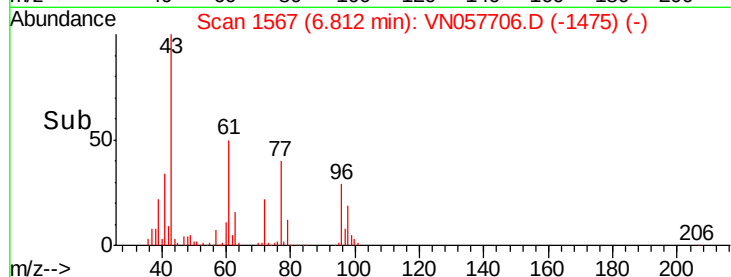
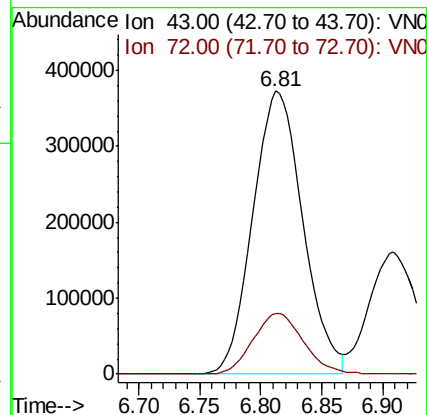
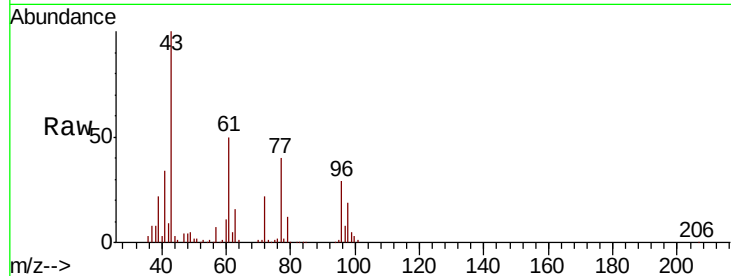
VSTDIC100

Tgt Ion: 43 Resp: 1057515

Ion Ratio Lower Upper

43 100

72 21.6 17.0 25.6



#26

2,2-Dichloropropane

Concen: 99.815 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN057706.D

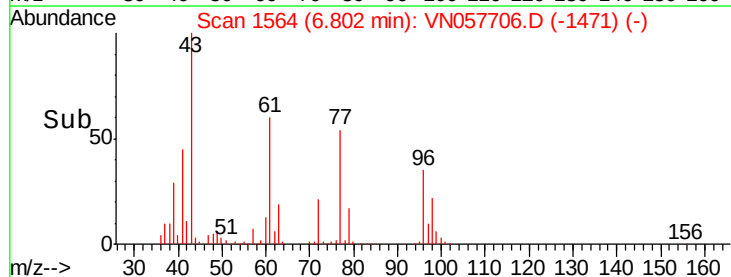
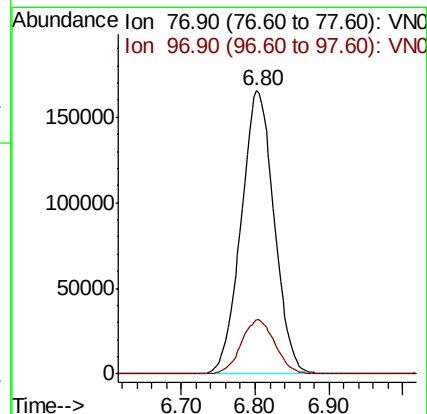
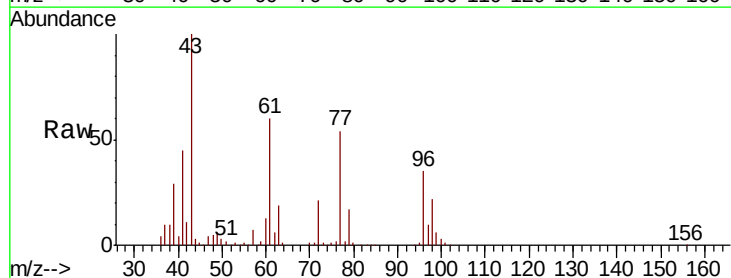
Acq: 5 Sep 2019 19:16

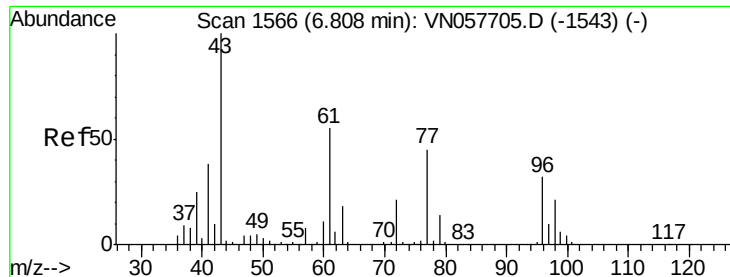
Tgt Ion: 77 Resp: 516201

Ion Ratio Lower Upper

77 100

97 19.5 10.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 104.420 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

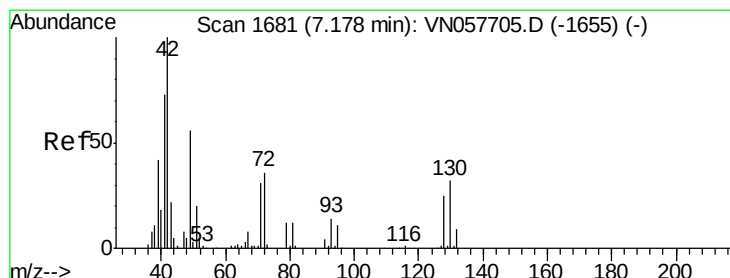
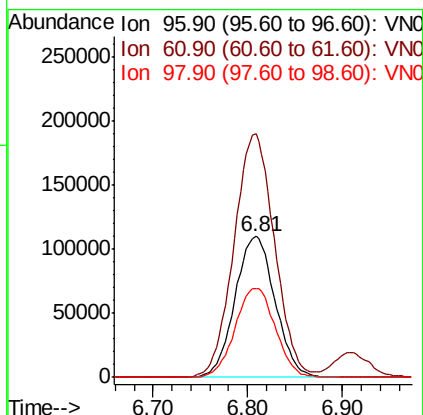
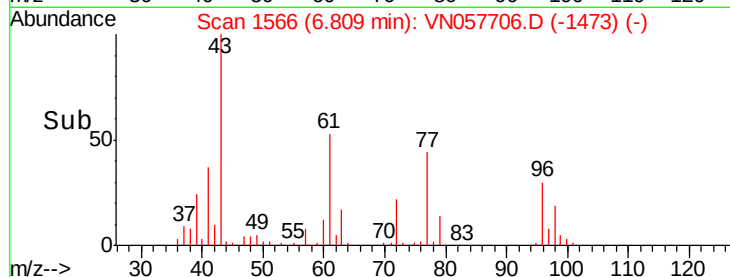
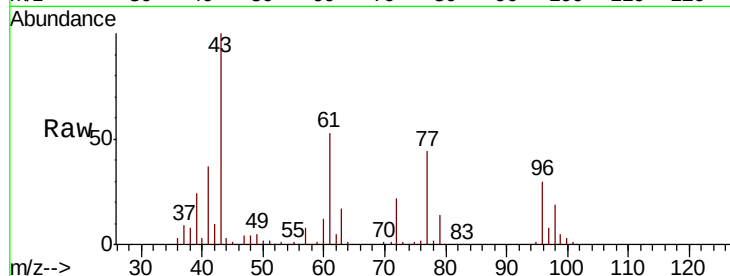
Tgt Ion: 96 Resp: 323502

Ion Ratio Lower Upper

96 100

61 175.2 0.0 360.6

98 63.9 0.0 130.6



#28

Bromochloromethane

Concen: 107.860 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

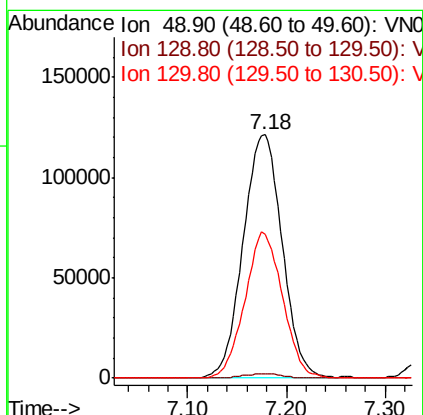
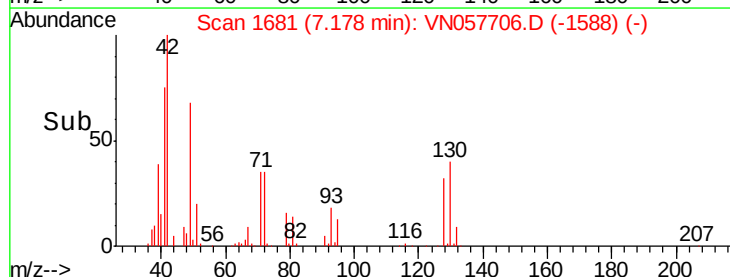
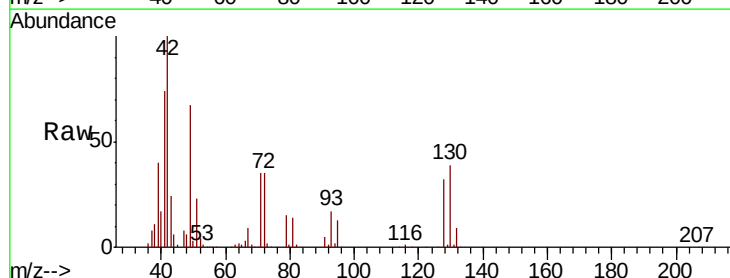
Tgt Ion: 49 Resp: 331819

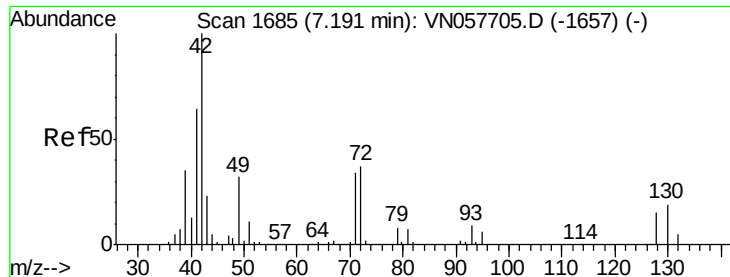
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

130 57.9 45.8 68.8





#29

Tetrahydrofuran

Concen: 526.828 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

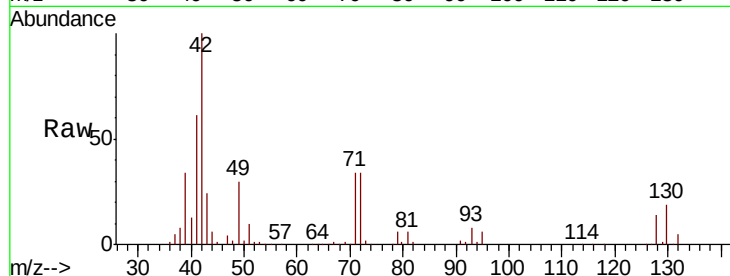
Tgt Ion: 42 Resp: 670700

Ion Ratio Lower Upper

42 100

72 35.3 29.2 43.8

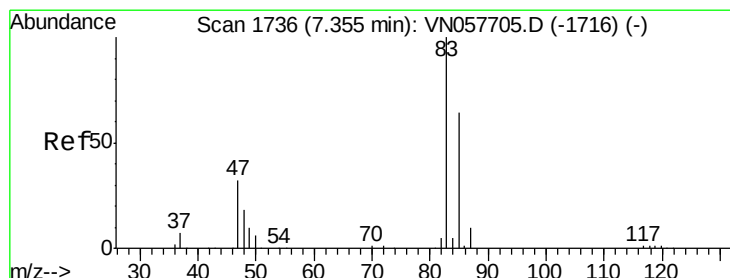
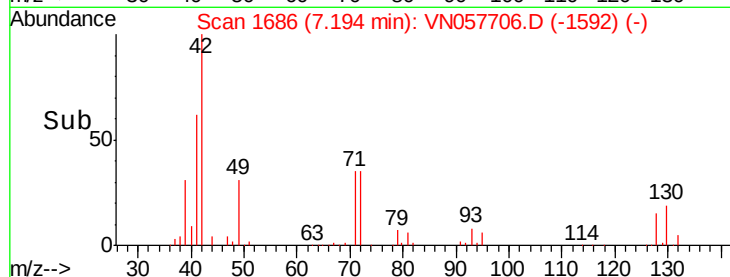
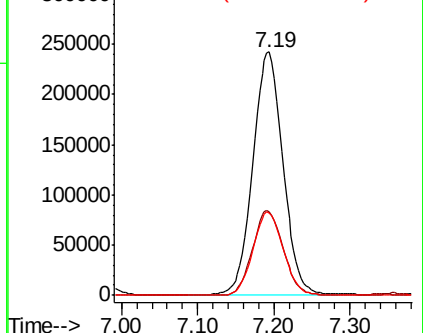
71 34.5 27.0 40.4



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: 99.935 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057706.D

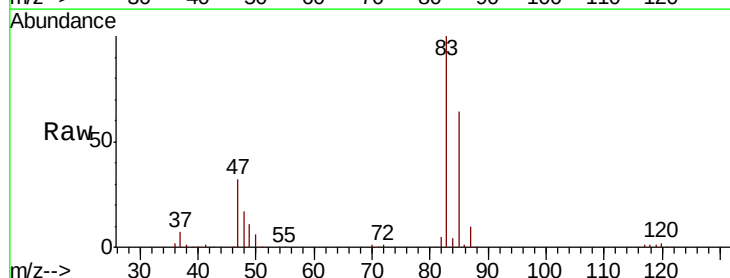
Acq: 5 Sep 2019 19:16

Tgt Ion: 83 Resp: 622764

Ion Ratio Lower Upper

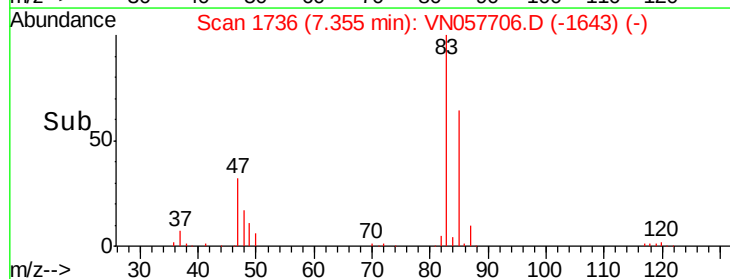
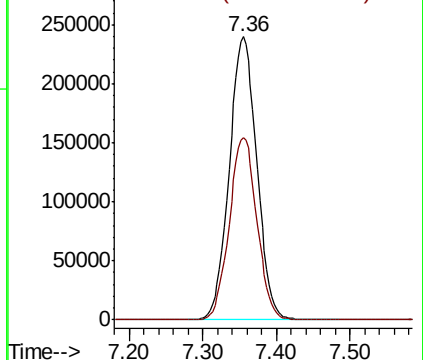
83 100

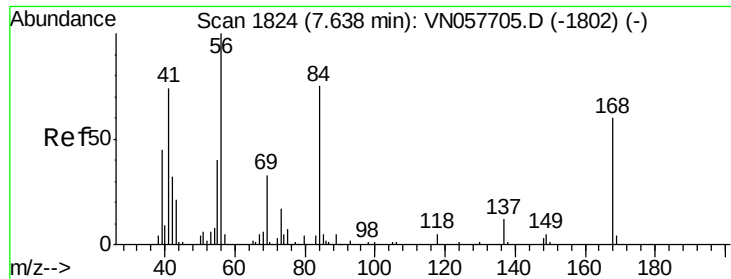
85 64.4 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

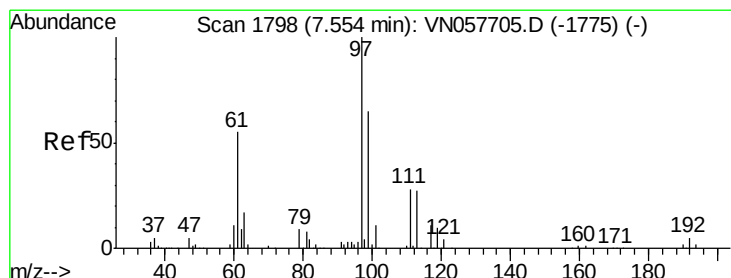
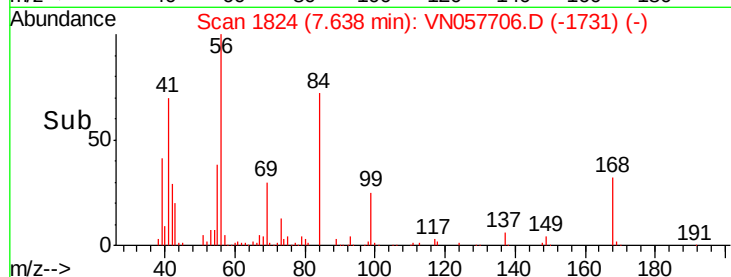
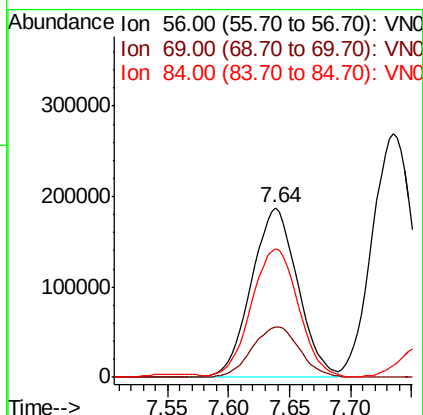
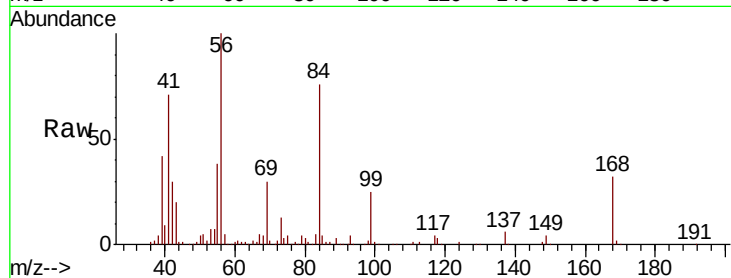




#31  
Cyclohexane  
Concen: 95.862 ug/l  
RT: 7.64 min Scan# 1824  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

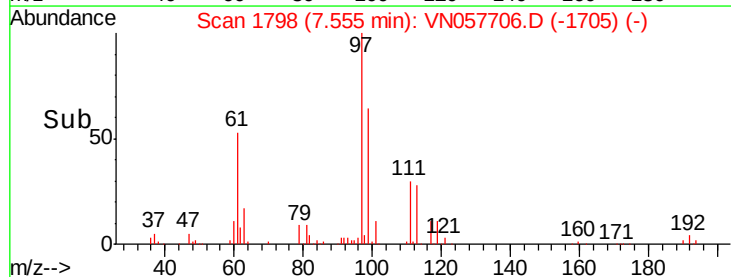
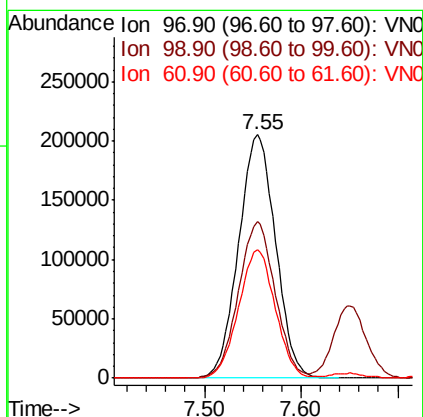
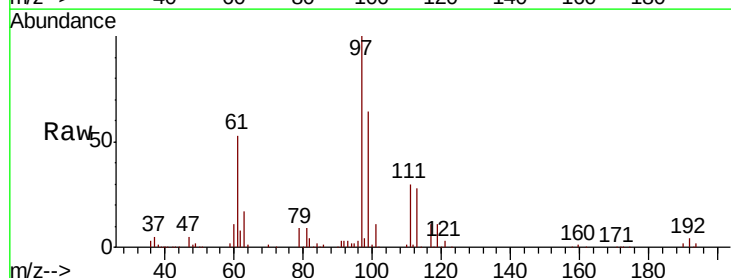
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

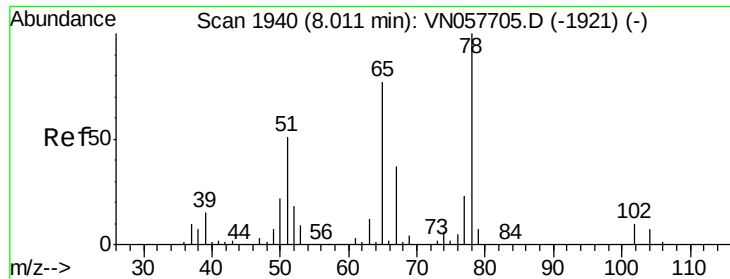
Tgt Ion: 56 Resp: 494970  
Ion Ratio Lower Upper  
56 100  
69 29.6 26.2 39.2  
84 74.5 59.8 89.8



#32  
1,1,1-Trichloroethane  
Concen: 105.733 ug/l  
RT: 7.55 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 97 Resp: 546700  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.2 76.8  
61 52.4 42.8 64.2

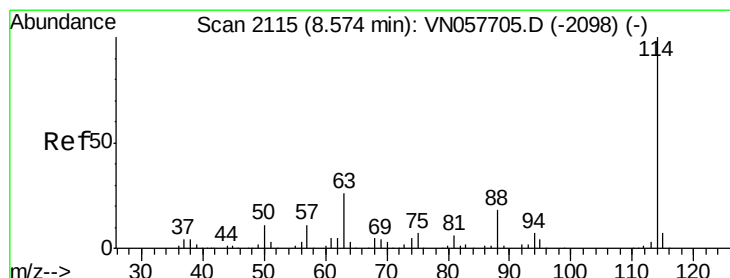
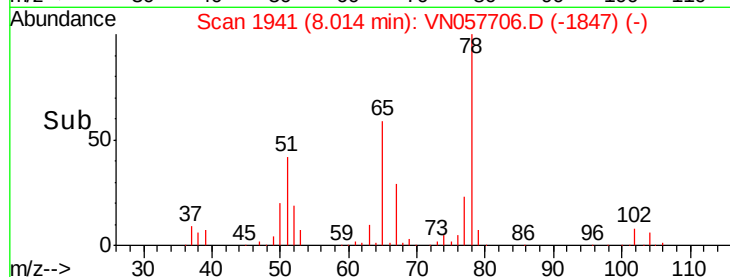
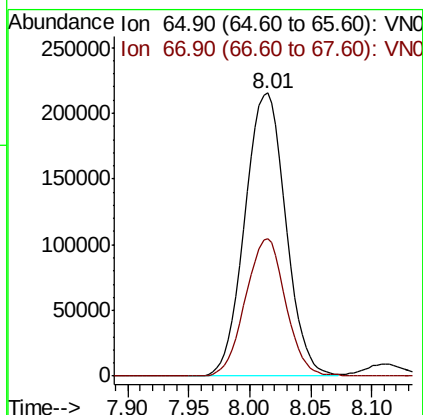
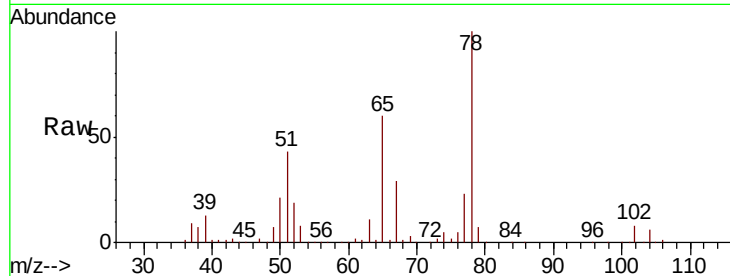




#33  
 1,2-Dichloroethane-d4  
 Concen: 109.235 ug/l  
 RT: 8.01 min Scan# 1941  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

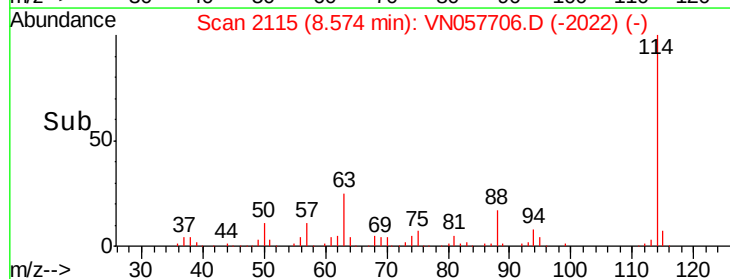
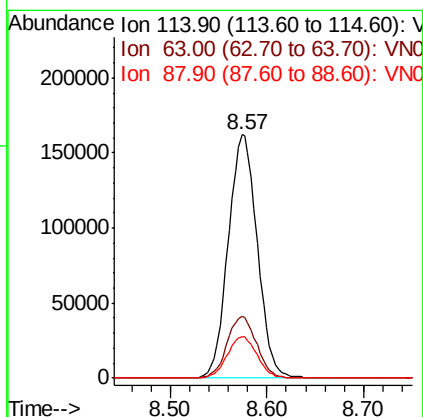
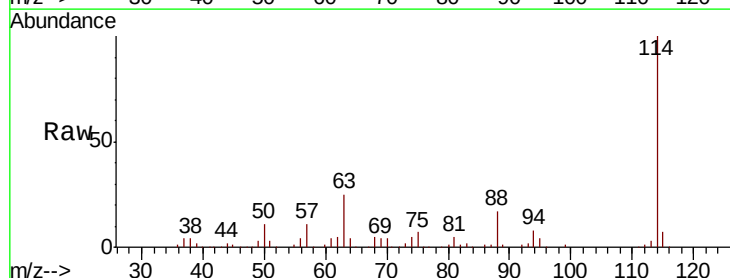
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

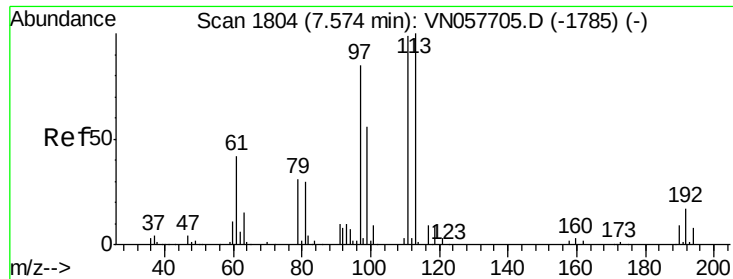
Tgt Ion: 65 Resp: 499761  
 Ion Ratio Lower Upper  
 65 100  
 67 47.6 0.0 98.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 114 Resp: 337875  
 Ion Ratio Lower Upper  
 114 100  
 63 25.3 0.0 52.4  
 88 16.9 0.0 35.4

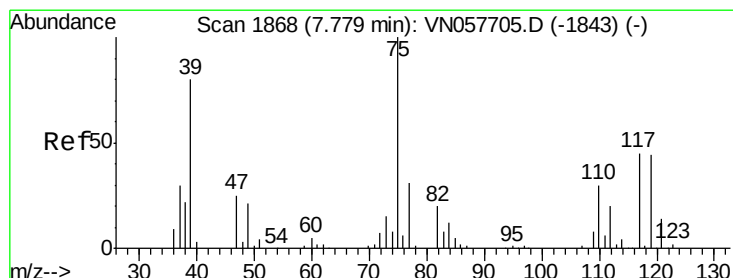
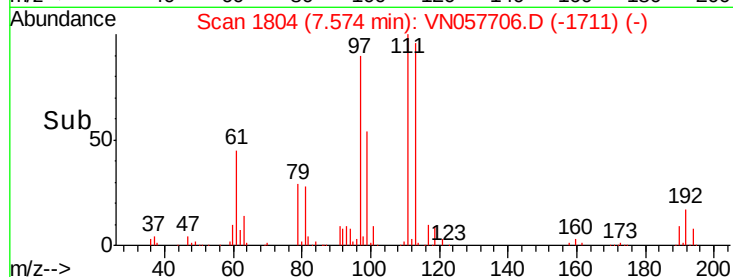
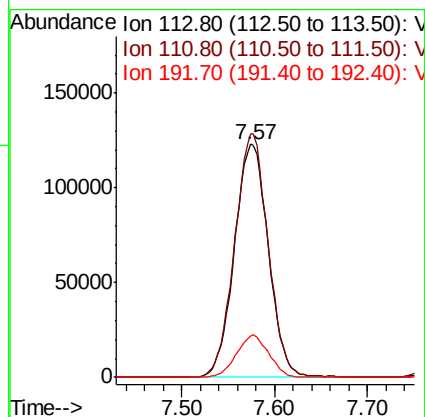
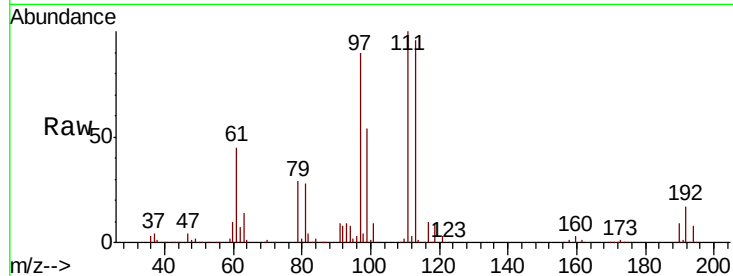




#35  
Dibromofluoromethane  
Concen: 102.257 ug/l  
RT: 7.57 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

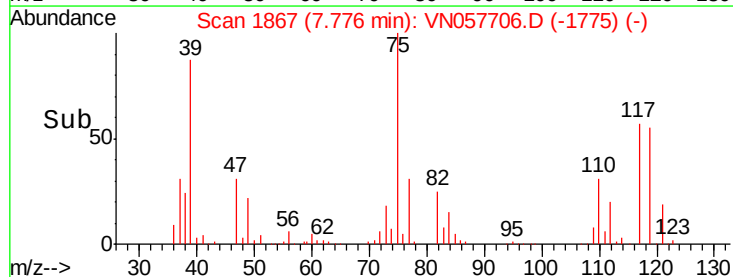
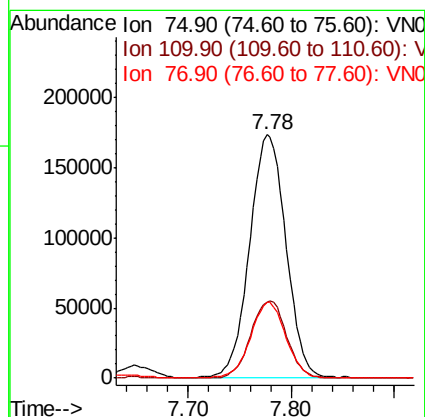
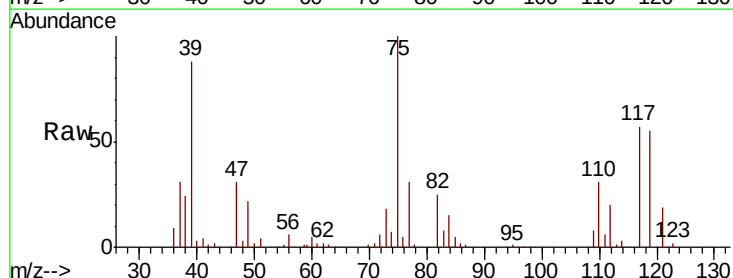
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

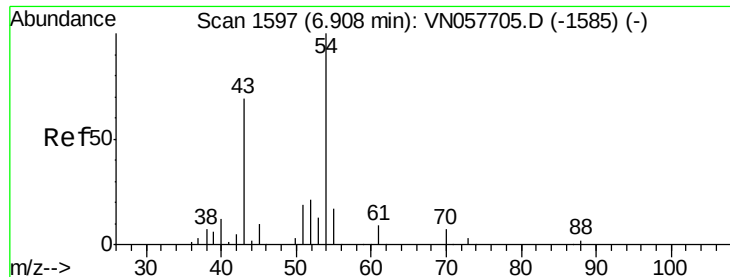
Tgt Ion: 113 Resp: 312731  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.7 124.1  
192 17.3 13.8 20.6



#36  
1,1-Dichloropropene  
Concen: 99.753 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 75 Resp: 422850  
Ion Ratio Lower Upper  
75 100  
110 31.5 15.0 45.0  
77 30.4 24.6 37.0

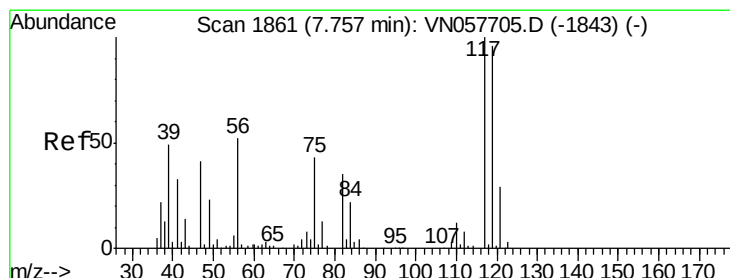
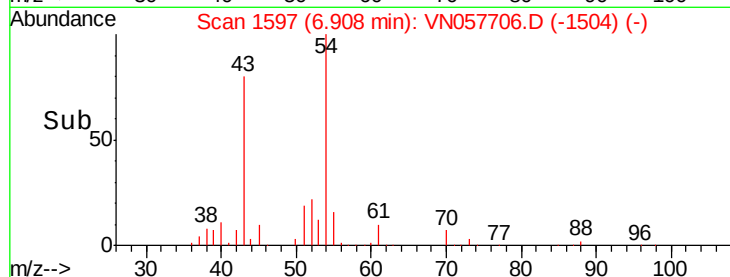
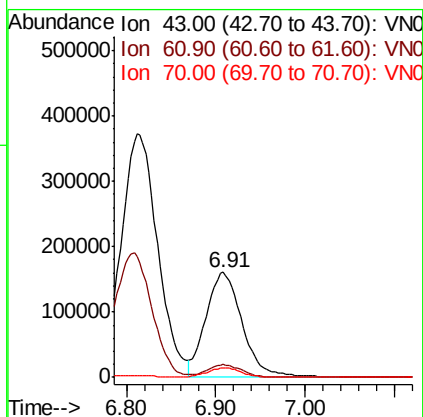
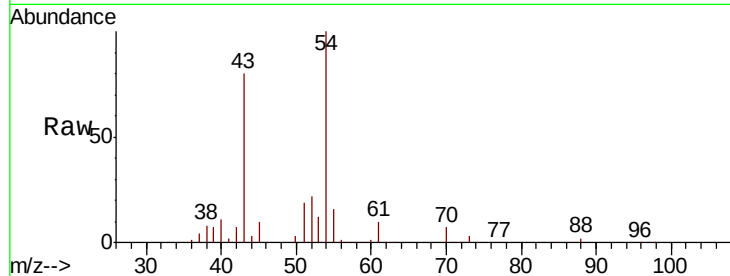




#37  
Ethyl Acetate  
Concen: 103.759 ug/l  
RT: 6.91 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

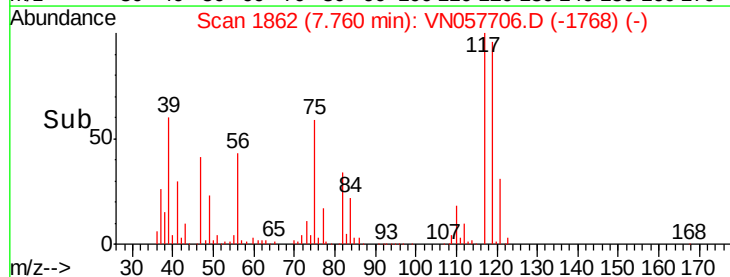
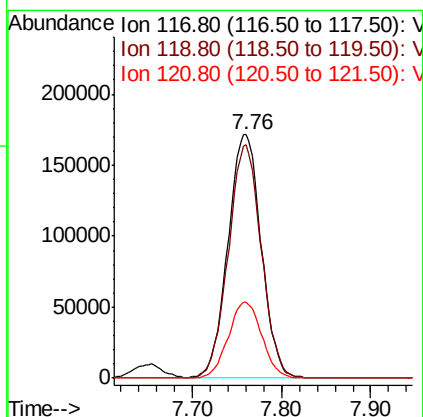
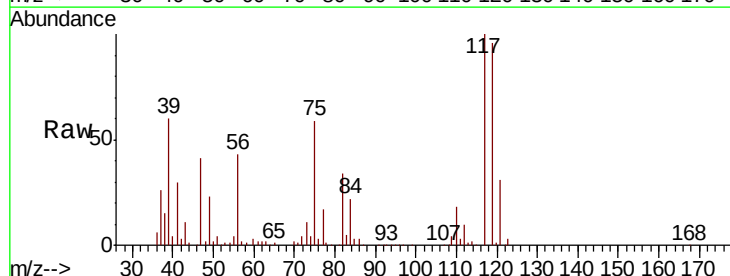
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 43 Resp: 448569  
Ion Ratio Lower Upper  
43 100  
61 11.8 9.8 14.8  
70 8.8 6.7 10.1

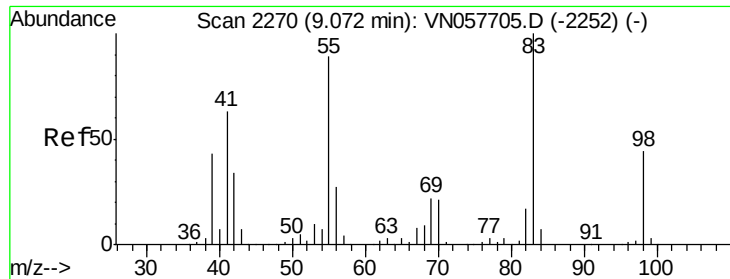


#38  
Carbon Tetrachloride  
Concen: 102.371 ug/l  
RT: 7.76 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 117 Resp: 442667  
Ion Ratio Lower Upper  
117 100  
119 95.9 76.1 114.1  
121 31.3 23.4 35.2



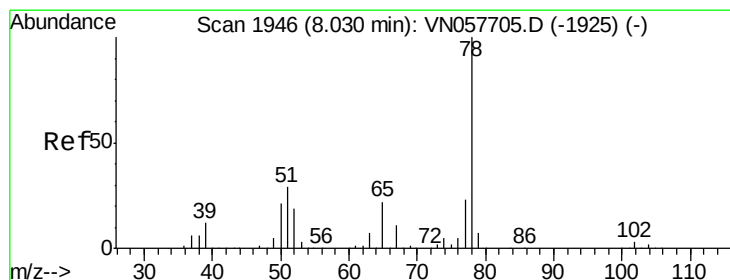
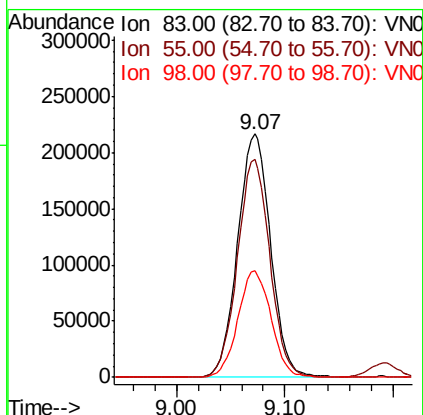
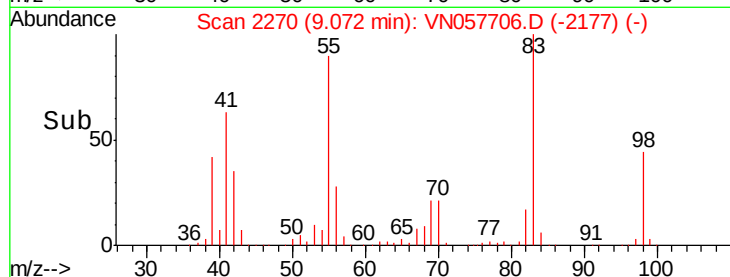
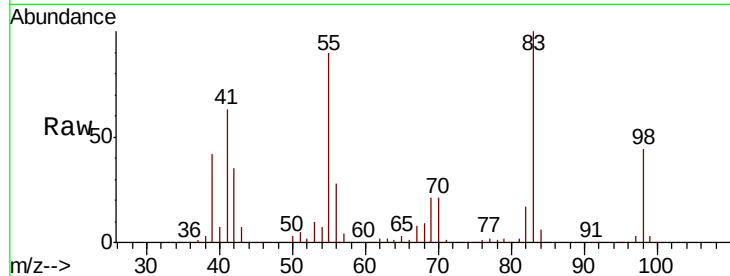




#39  
Methylcyclohexane  
Concen: 97.965 ug/l  
RT: 9.07 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

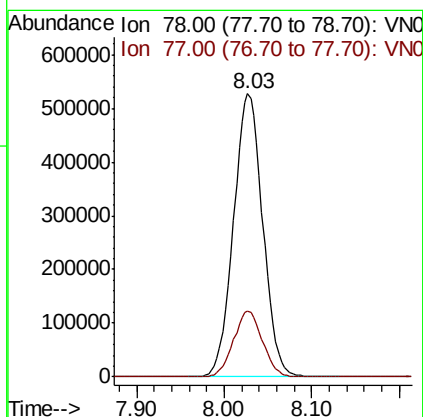
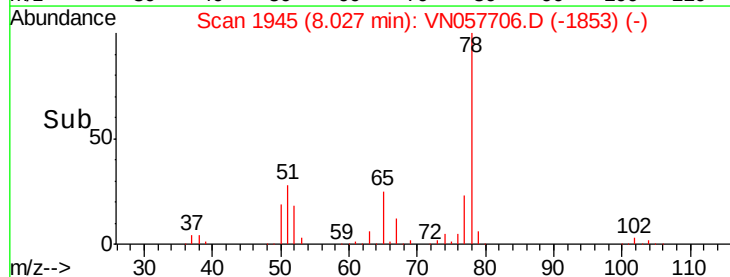
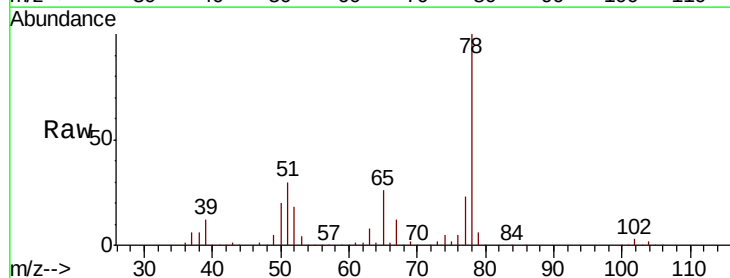
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

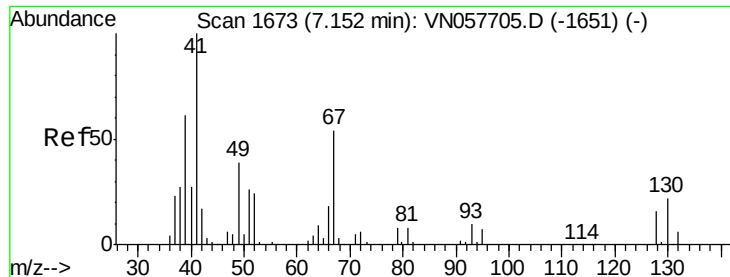
Tgt Ion: 83 Resp: 461069  
Ion Ratio Lower Upper  
83 100  
55 89.7 71.4 107.0  
98 43.9 35.3 52.9



#40  
Benzene  
Concen: 98.877 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 78 Resp: 1219180  
Ion Ratio Lower Upper  
78 100  
77 23.1 18.6 28.0

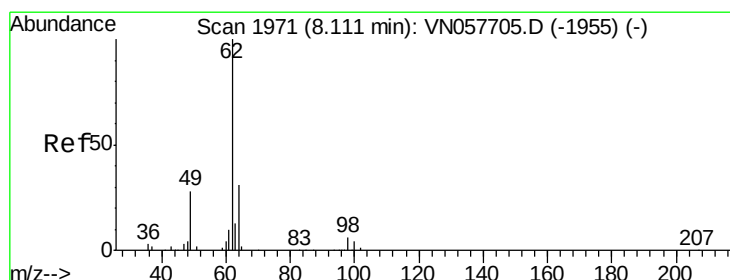
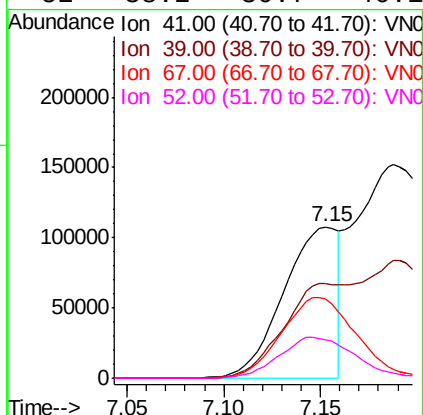
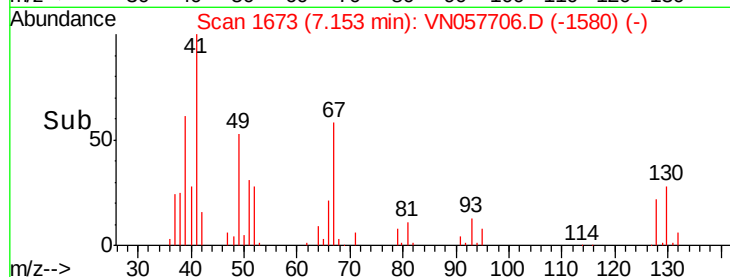
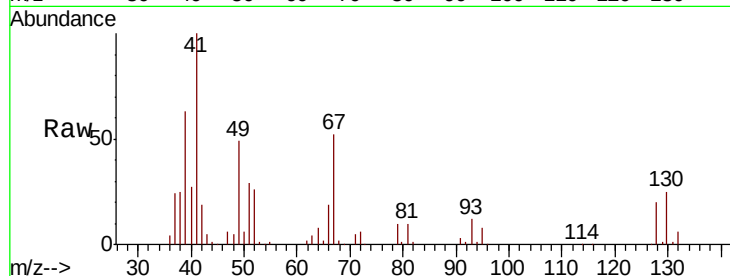




#41  
Methacrylonitrile  
Concen: 116.264 ug/l  
RT: 7.15 min Scan# 1673  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

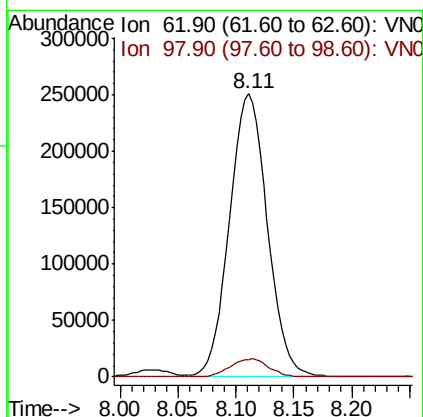
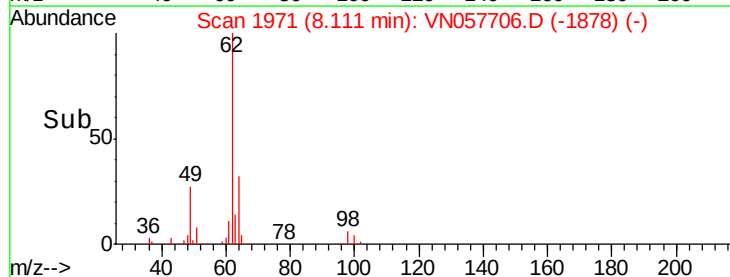
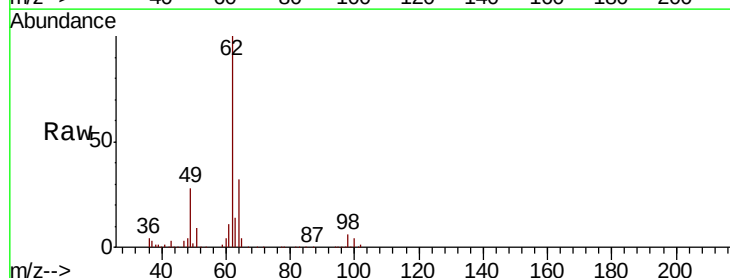
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

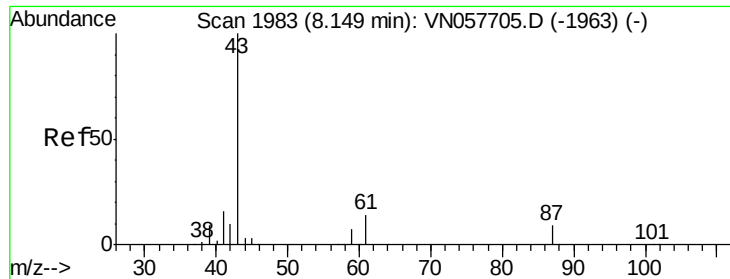
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 209703 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 68.1  | 43.6  | 65.4#  |
| 67       | 74.3  | 59.8  | 89.6   |
| 52       | 38.2  | 30.7  | 46.1   |



#42  
1,2-Dichloroethane  
Concen: 99.833 ug/l  
RT: 8.11 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 566390 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 6.5   | 0.0   | 12.6   |





#43

Isopropyl Acetate

Concen: 105.601 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

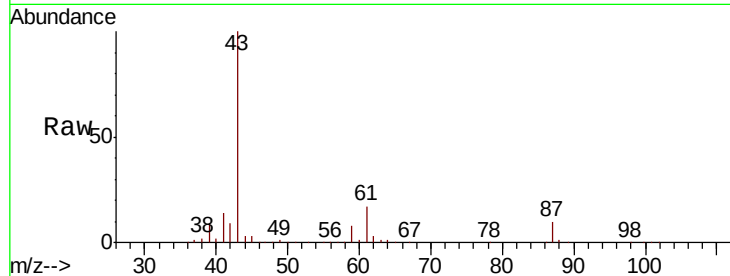
Tgt Ion: 43 Resp: 838693

Ion Ratio Lower Upper

43 100

61 15.5 12.8 19.2

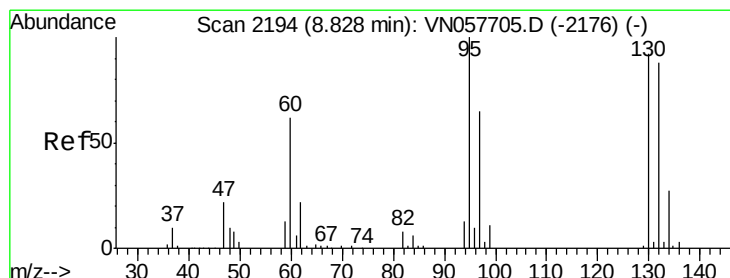
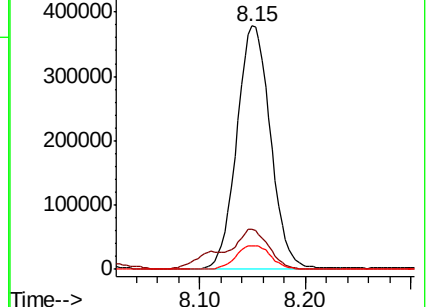
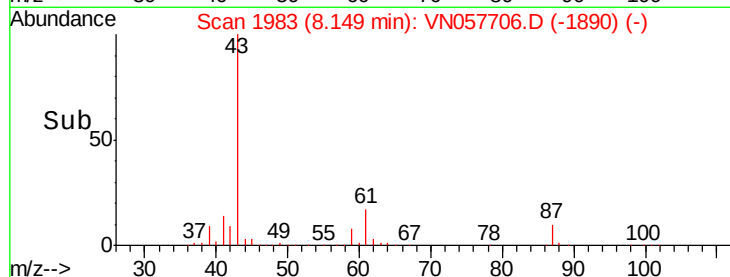
87 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057706.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN057706.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN057706.D (-1890) (-)



#44

Trichloroethene

Concen: 96.025 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057706.D

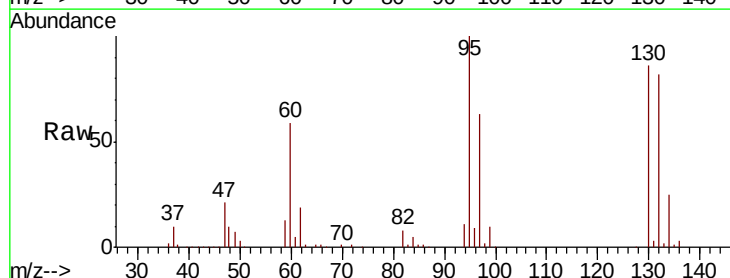
Acq: 5 Sep 2019 19:16

Tgt Ion: 130 Resp: 283411

Ion Ratio Lower Upper

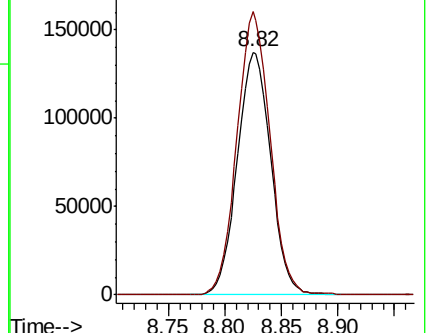
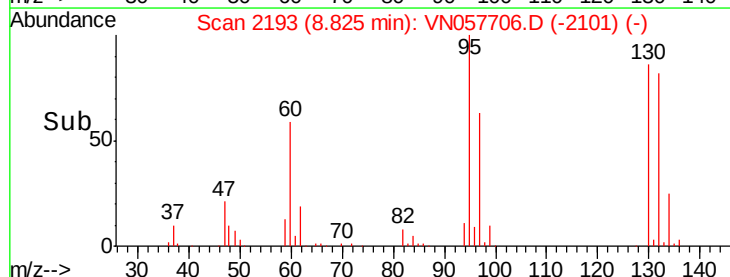
130 100

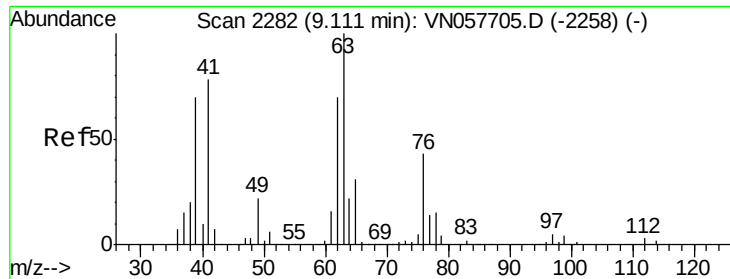
95 116.5 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057706.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN057706.D (-2101) (-)

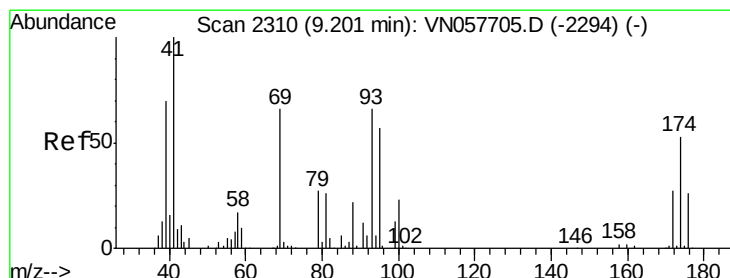
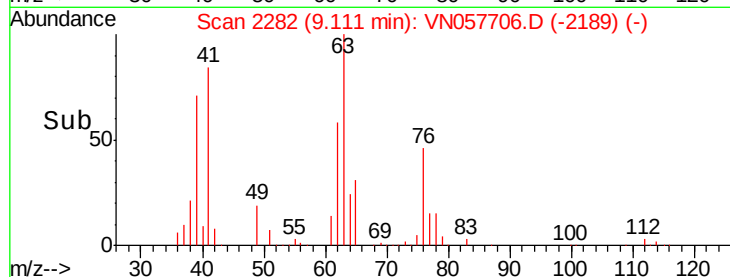
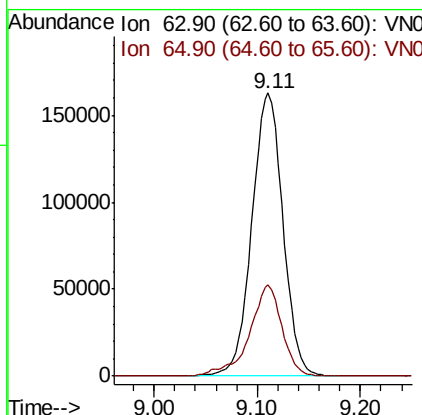
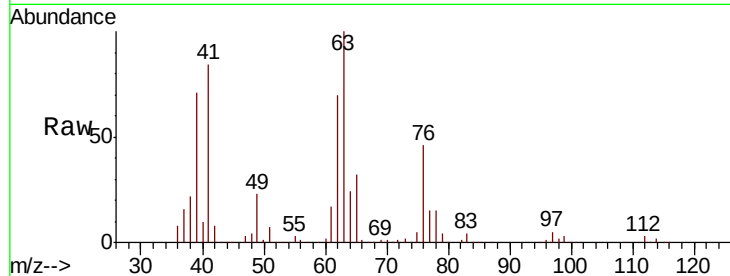




#45  
 1,2-Dichloropropane  
 Concen: 98.608 ug/l  
 RT: 9.11 min Scan# 2282  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

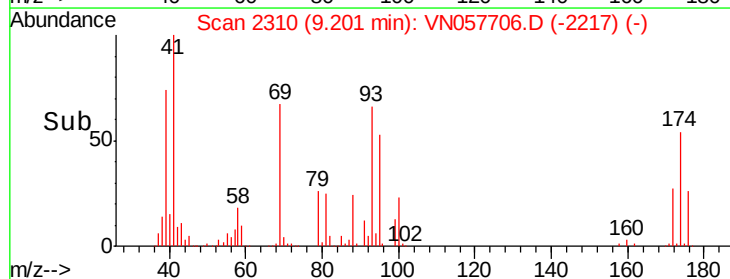
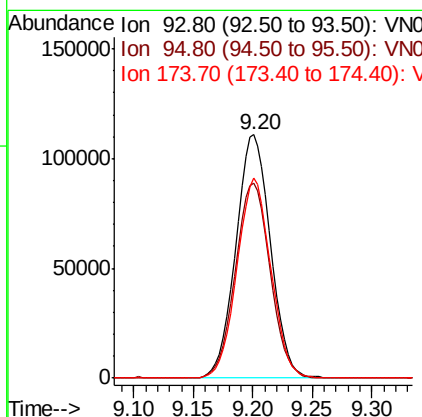
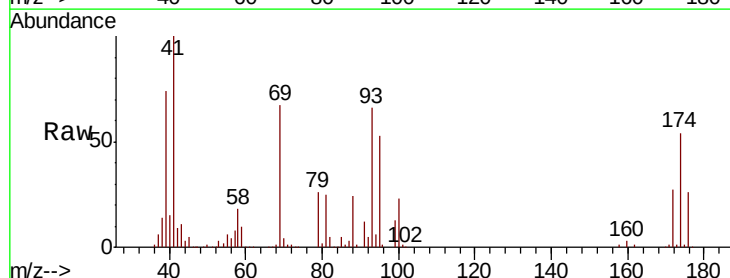
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

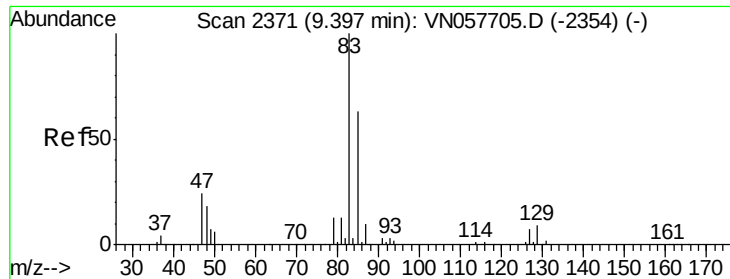
Tgt Ion: 63 Resp: 339618  
 Ion Ratio Lower Upper  
 63 100  
 65 32.3 24.5 36.7



#46  
 Dibromomethane  
 Concen: 99.790 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 93 Resp: 223858  
 Ion Ratio Lower Upper  
 93 100  
 95 80.6 66.1 99.1  
 174 80.4 63.4 95.2

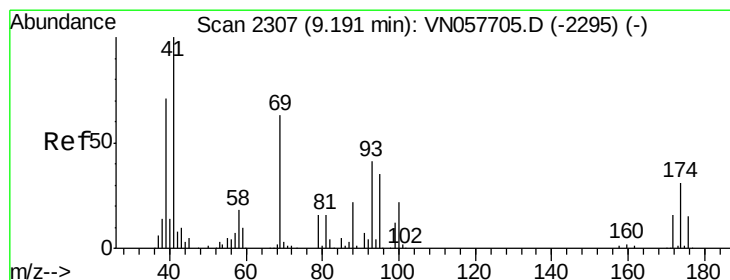
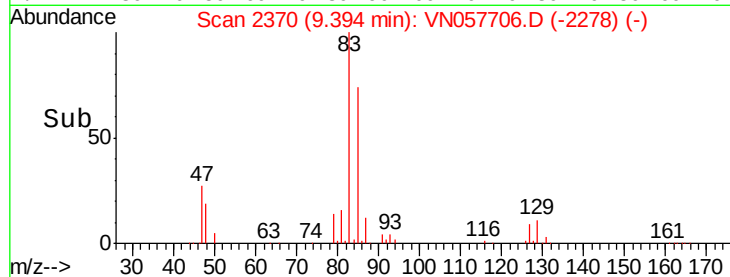
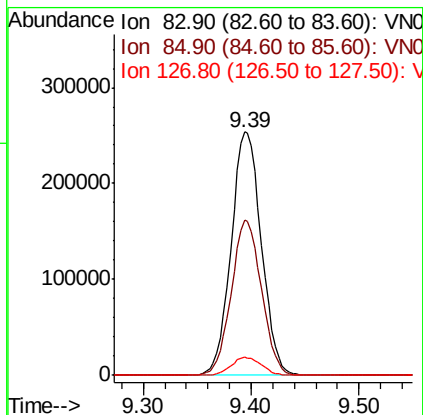
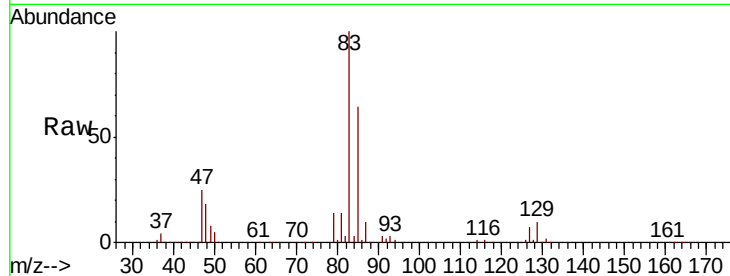




#47  
Bromodichloromethane  
Concen: 106.621 ug/l  
RT: 9.39 min Scan# 2370  
Delta R.T. -0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

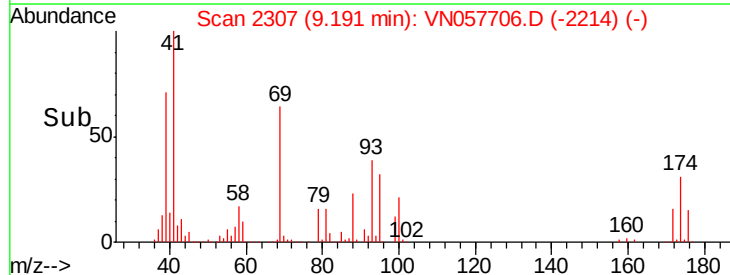
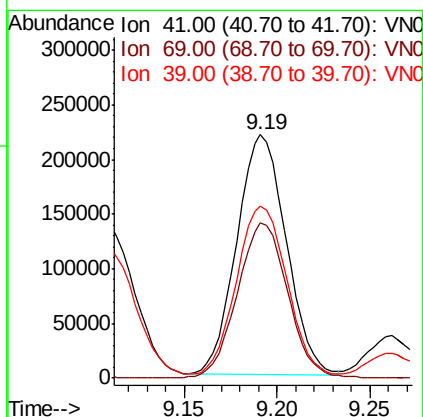
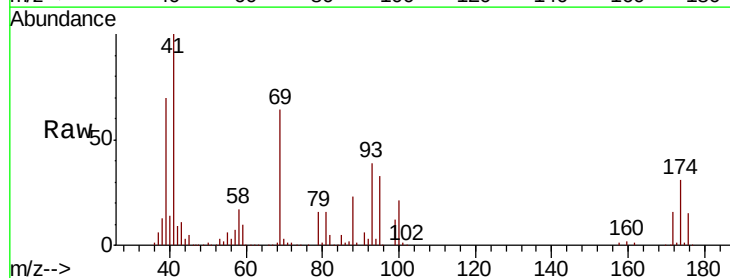
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

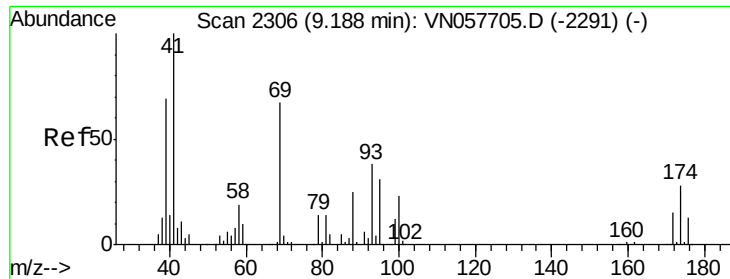
Tgt Ion: 83 Resp: 494830  
Ion Ratio Lower Upper  
83 100  
85 63.7 50.7 76.1  
127 7.4 5.6 8.4



#48  
Methyl methacrylate  
Concen: 106.666 ug/l  
RT: 9.19 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 41 Resp: 409007  
Ion Ratio Lower Upper  
41 100  
69 65.4 51.2 76.8  
39 74.0 57.3 85.9





#49

1,4-Dioxane

Concen: 1870.206 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

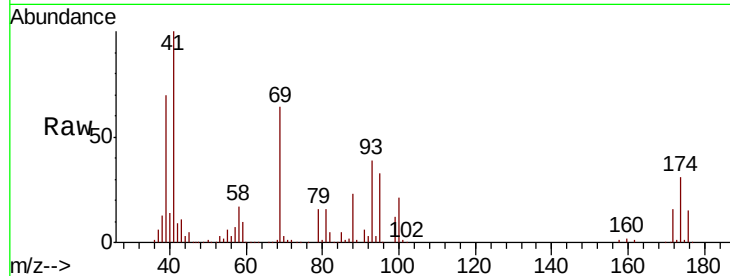
Tgt Ion: 88 Resp: 101536

Ion Ratio Lower Upper

88 100

43 46.8 35.4 53.2

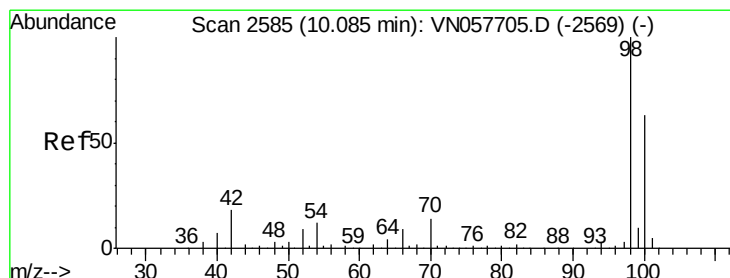
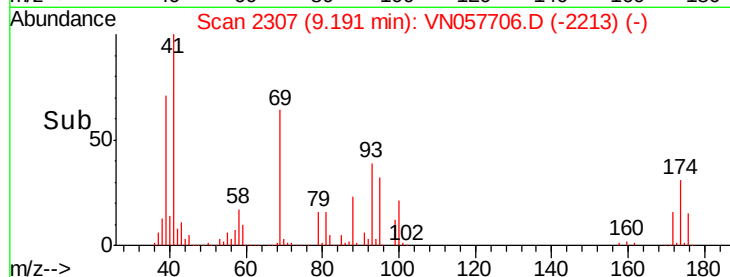
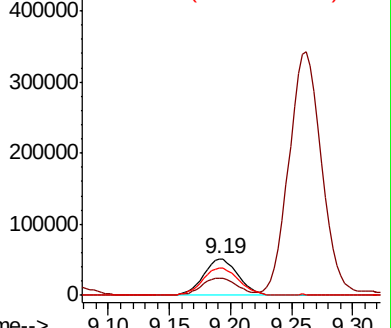
58 78.0 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN057706.D (-2291) (-)

Ion 43.00 (42.70 to 43.70): VN057706.D (-2291) (-)

Ion 58.00 (57.70 to 58.70): VN057706.D (-2291) (-)



#50

Toluene-d8

Concen: 103.650 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057706.D

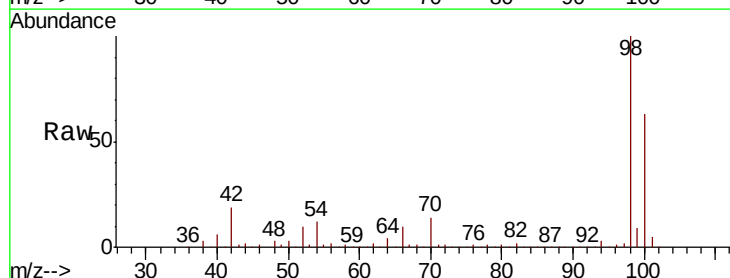
Acq: 5 Sep 2019 19:16

Tgt Ion: 98 Resp: 1179895

Ion Ratio Lower Upper

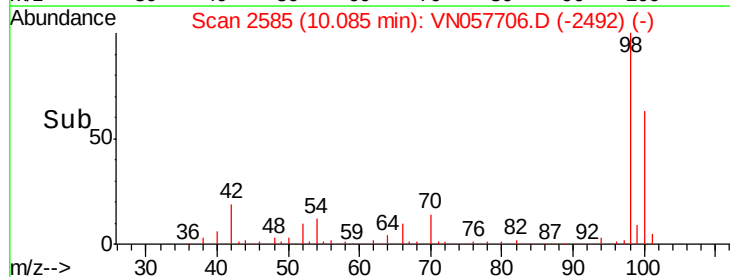
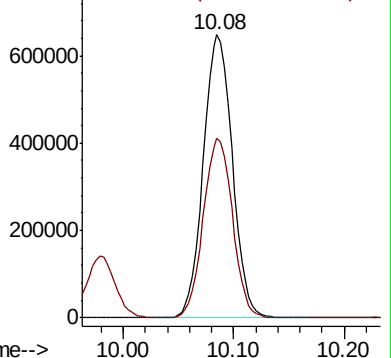
98 100

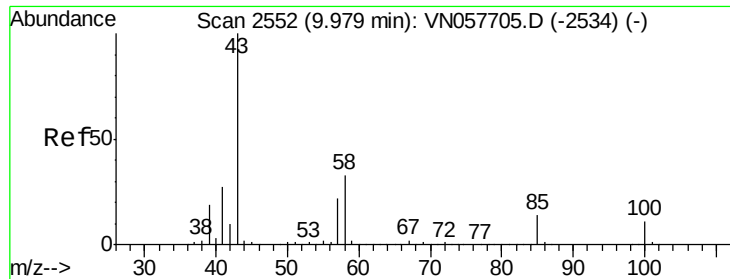
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057706.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057706.D (-2492) (-)





#51

4-Methyl-2-Pentanone

Concen: 529.582 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

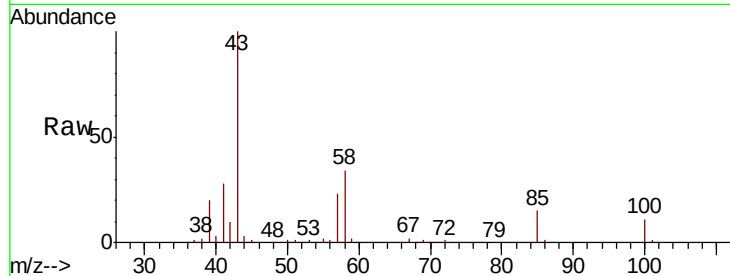
VSTDIC100

Tgt Ion: 43 Resp: 2321181

Ion Ratio Lower Upper

43 100

58 33.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057705.D (-2534) (-)

9.98

1500000

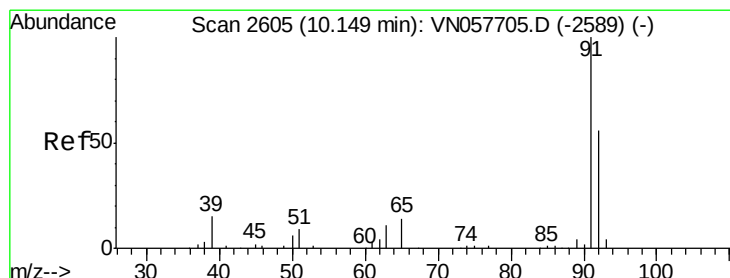
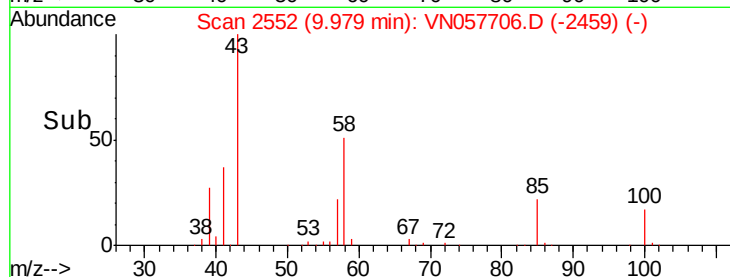
1000000

500000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 98.666 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057706.D

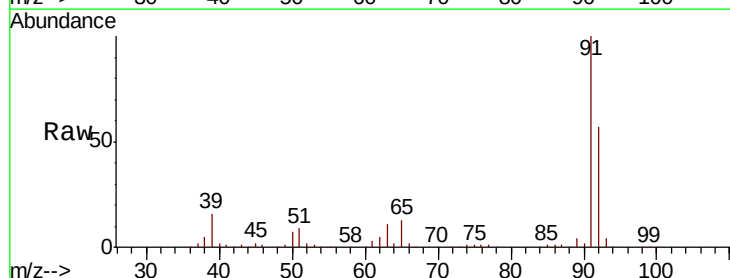
Acq: 5 Sep 2019 19:16

Tgt Ion: 92 Resp: 753538

Ion Ratio Lower Upper

92 100

91 176.6 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN057705.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057705.D (-2589) (-)

10.15

800000

600000

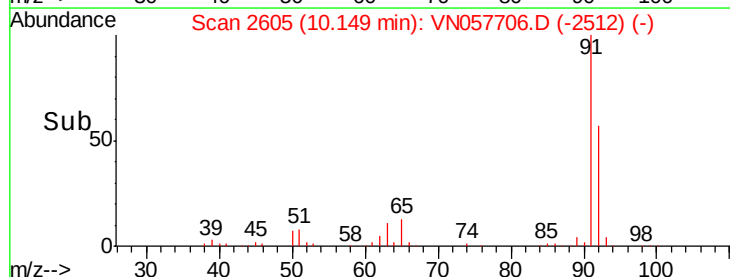
400000

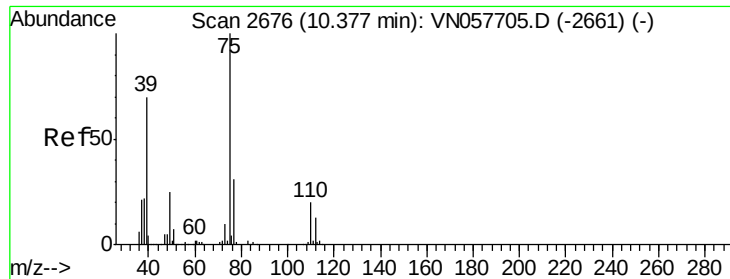
200000

0

Time-->

10.10 10.20





#53

t-1,3-Dichloropropene

Concen: 110.209 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

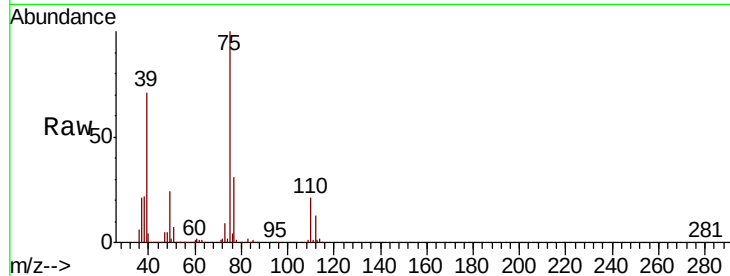
VSTDIC100

Tgt Ion: 75 Resp: 522983

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

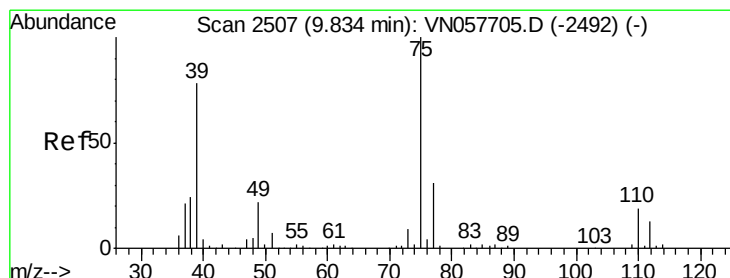
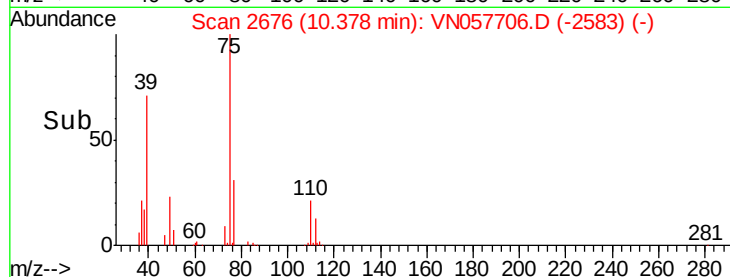
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 105.824 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

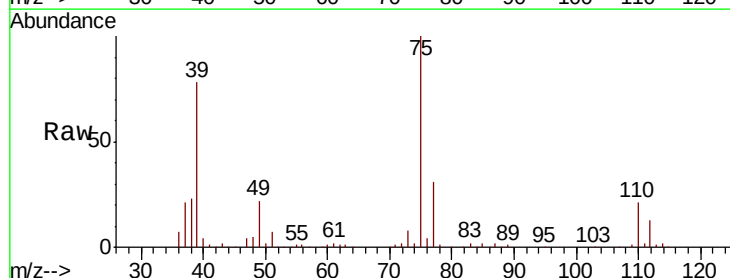
Tgt Ion: 75 Resp: 547869

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 78.3 62.4 93.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

400000

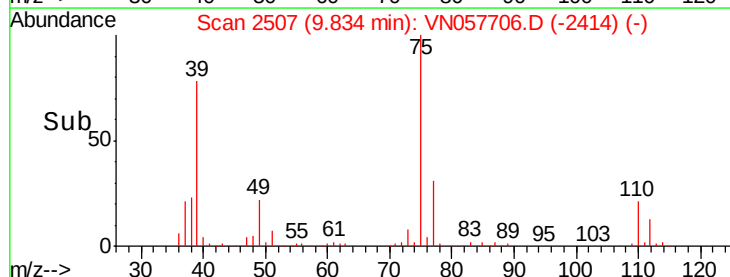
300000

200000

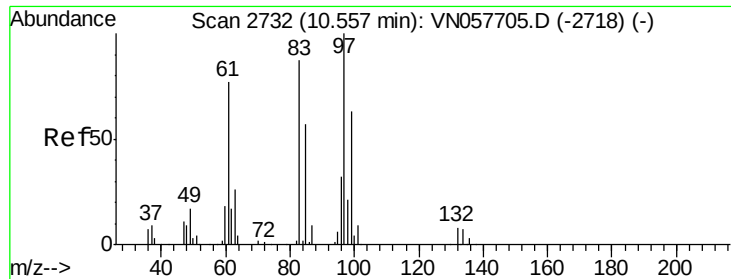
100000

0

Time-->







#55

1,1,2-Trichloroethane

Concen: 98.842 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC100

Tgt Ion: 97 Resp: 300736

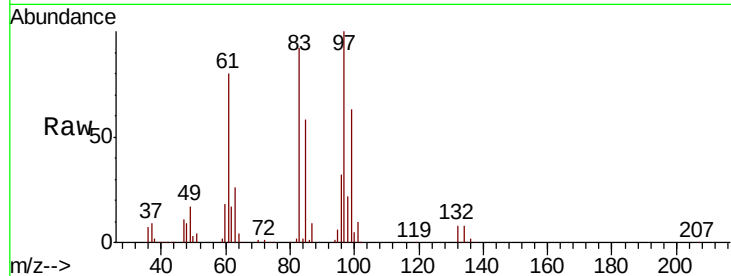
Ion Ratio Lower Upper

97 100

83 91.7 69.5 104.3

85 57.6 45.7 68.5

99 62.9 50.2 75.4



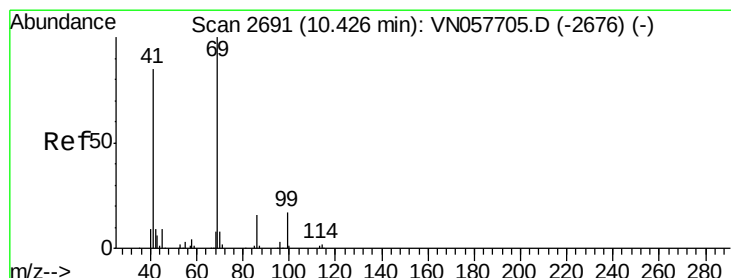
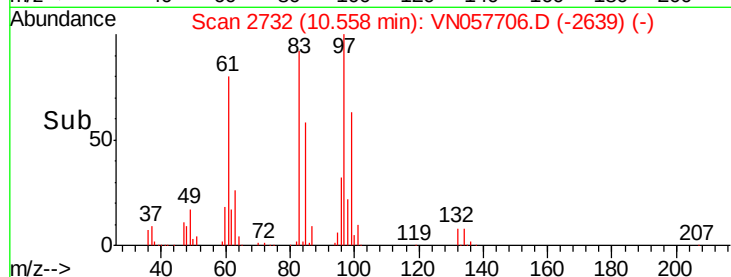
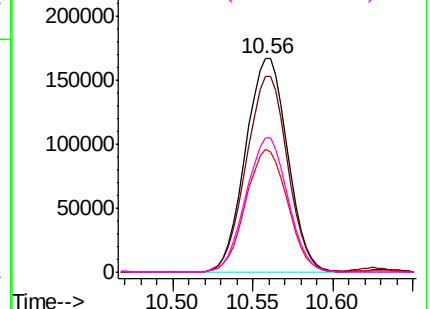
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 107.521 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

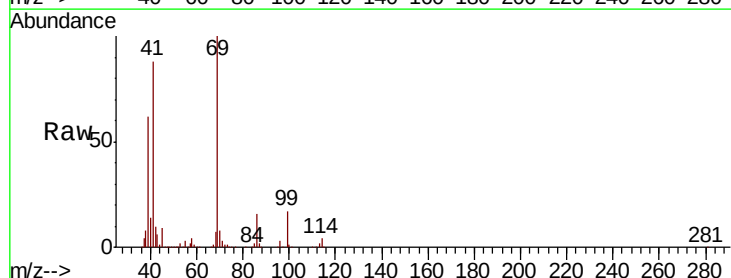
Tgt Ion: 69 Resp: 502837

Ion Ratio Lower Upper

69 100

41 86.1 69.0 103.4

39 61.3 49.2 73.8

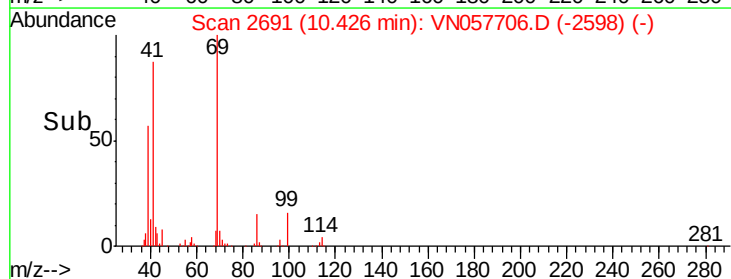
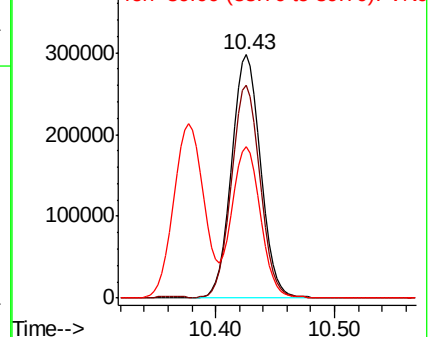


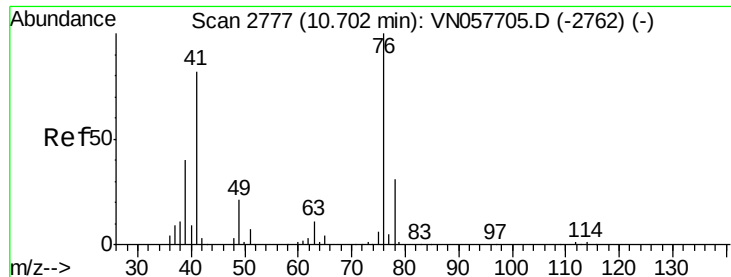
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 99.845 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

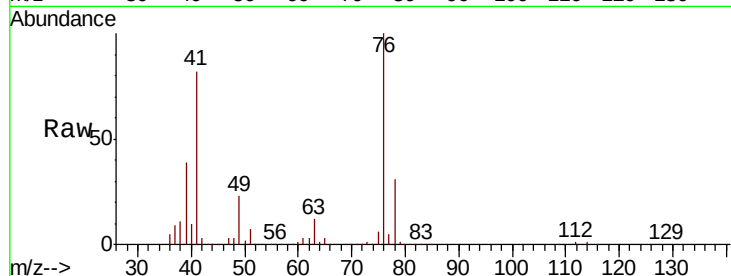
VSTDIC100

Tgt Ion: 76 Resp: 536140

Ion Ratio Lower Upper

76 100

78 31.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN057705.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN057705.D (-2762) (-)

10.71

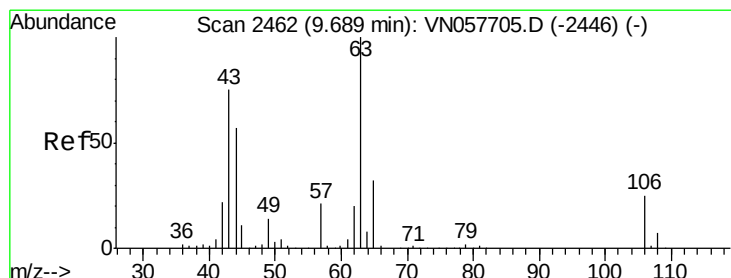
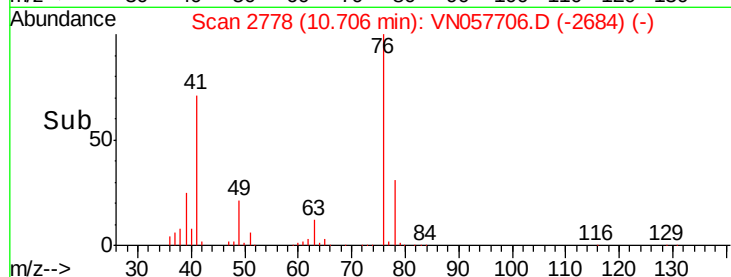
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 742.299 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057706.D

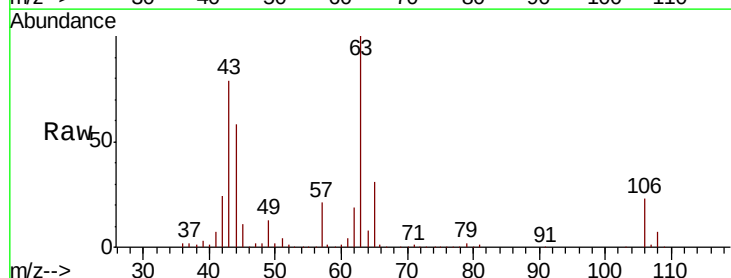
Acq: 5 Sep 2019 19:16

Tgt Ion: 63 Resp: 1233661

Ion Ratio Lower Upper

63 100

106 23.6 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN057705.D (-2446) (-)

Ion 105.90 (105.60 to 106.60): VN057705.D (-2446) (-)

9.69

800000

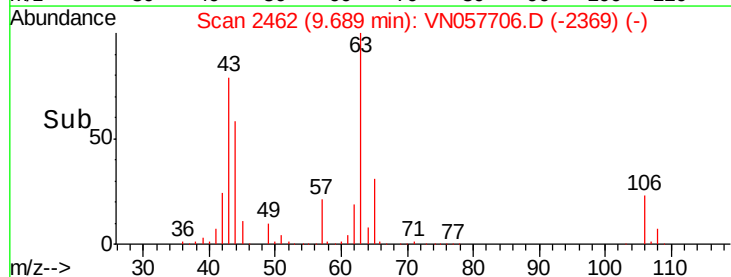
600000

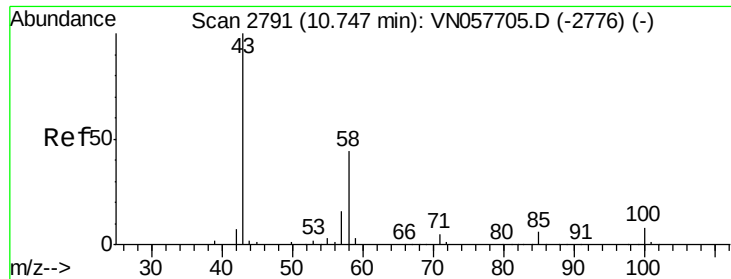
400000

200000

0

Time-->

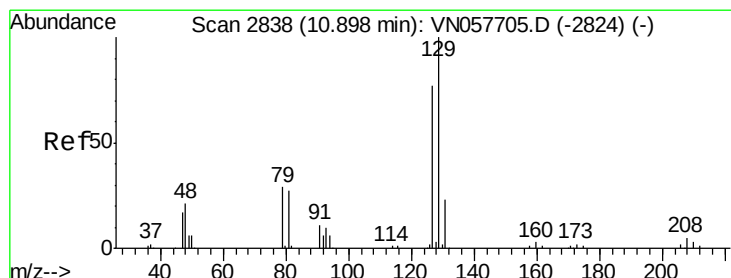
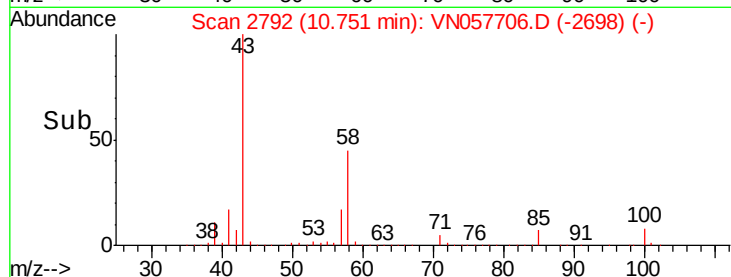
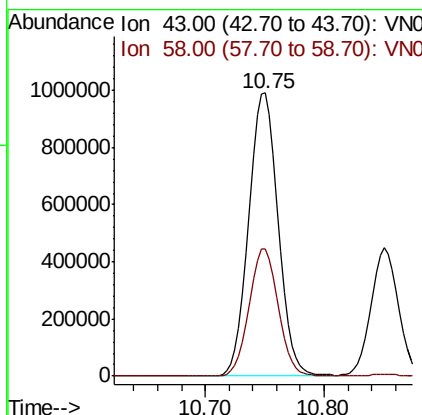
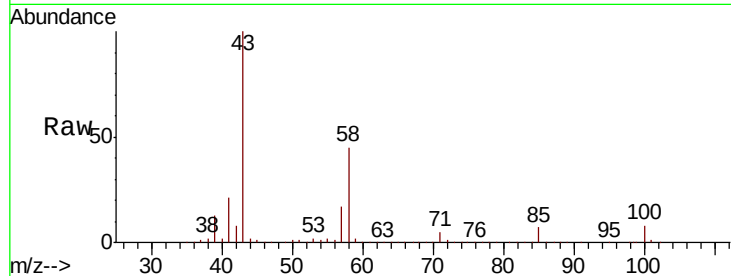




#59  
2-Hexanone  
Concen: 553.417 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

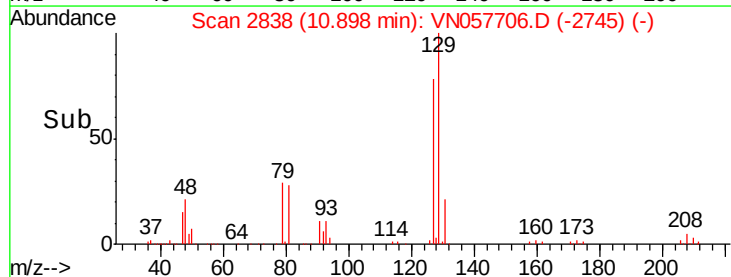
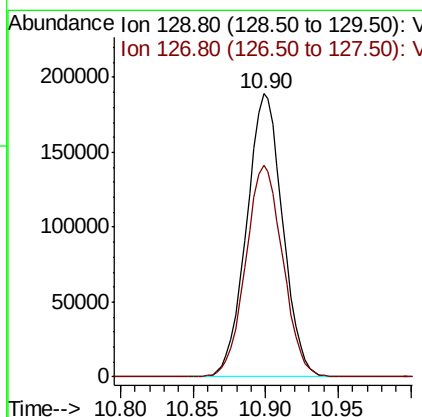
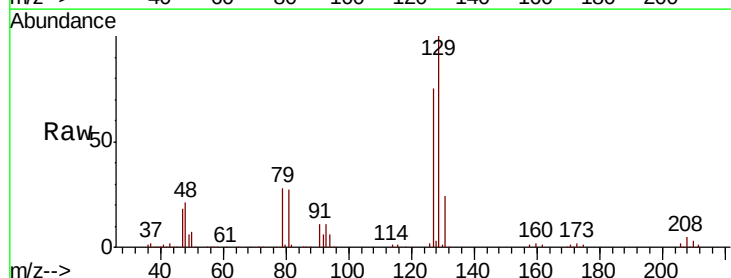
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

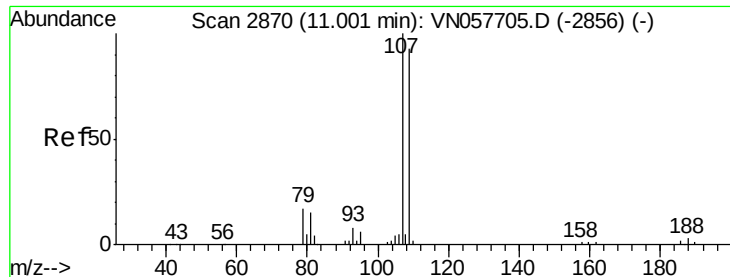
Tgt Ion: 43 Resp: 1700411  
Ion Ratio Lower Upper  
43 100  
58 44.5 22.1 66.5



#60  
Dibromochloromethane  
Concen: 109.795 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 129 Resp: 327842  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.4 115.2

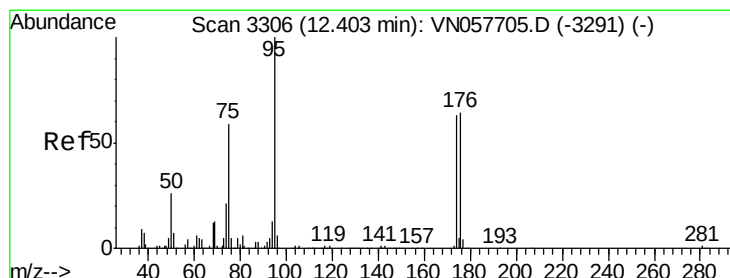
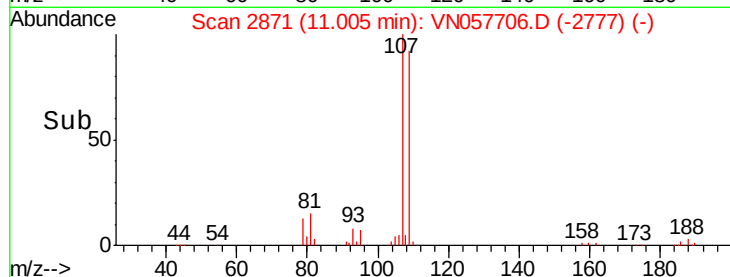
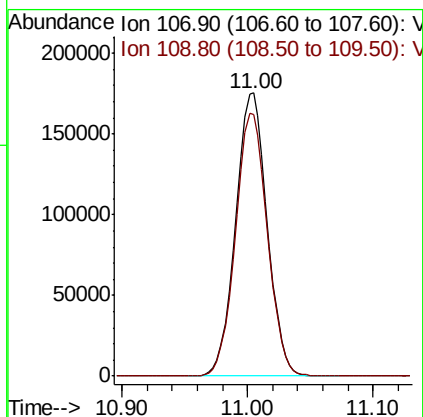
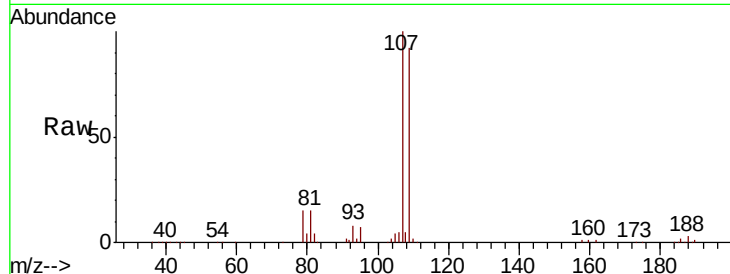




#61  
 1,2-Dibromoethane  
 Concen: 102.710 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

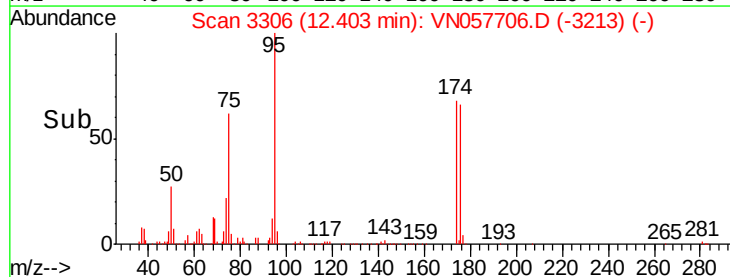
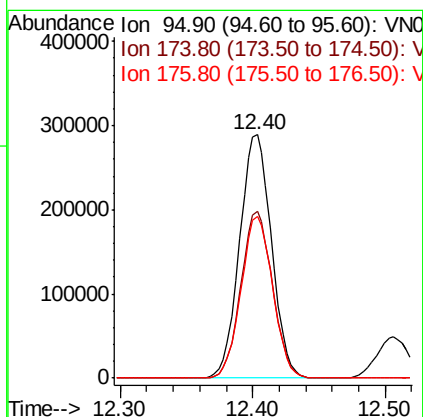
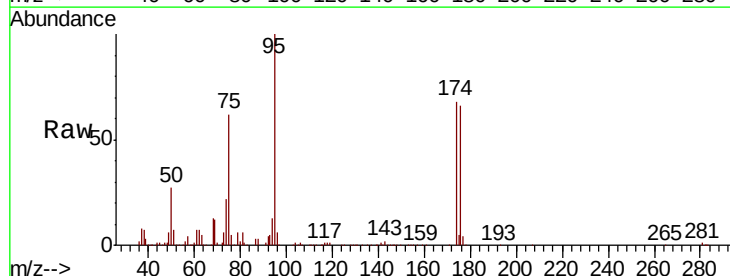
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

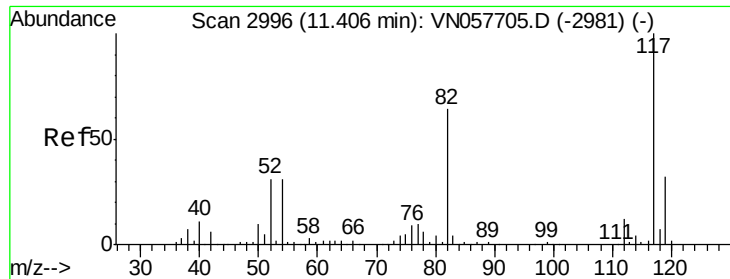
Tgt Ion: 107 Resp: 306002  
 Ion Ratio Lower Upper  
 107 100  
 109 93.9 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 111.634 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 95 Resp: 482977  
 Ion Ratio Lower Upper  
 95 100  
 174 67.8 0.0 128.0  
 176 65.9 0.0 128.0

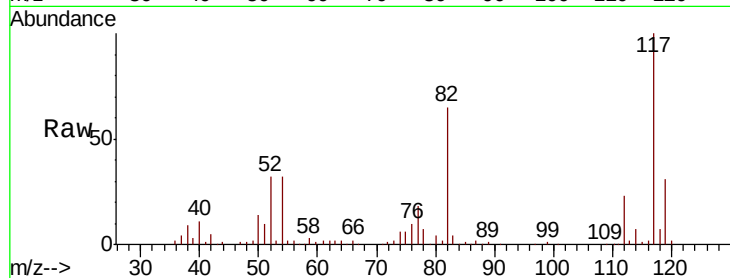




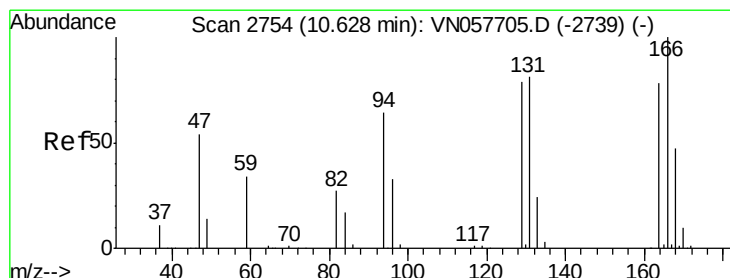
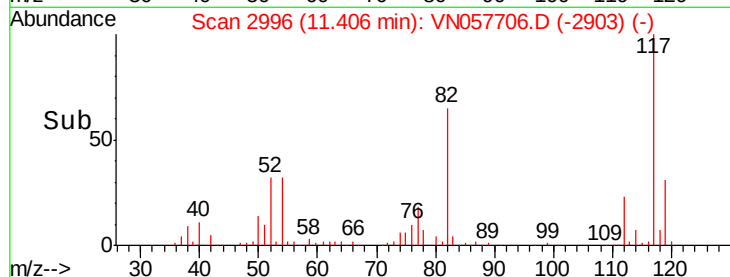
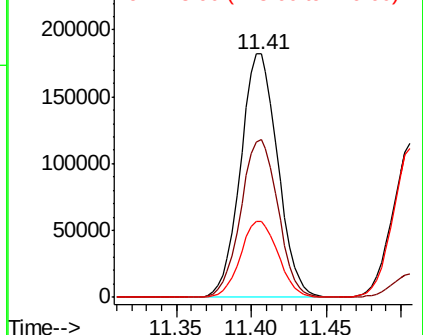
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:117 Resp: 315146  
Ion Ratio Lower Upper  
117 100  
82 64.6 51.4 77.0  
119 31.1 25.4 38.2

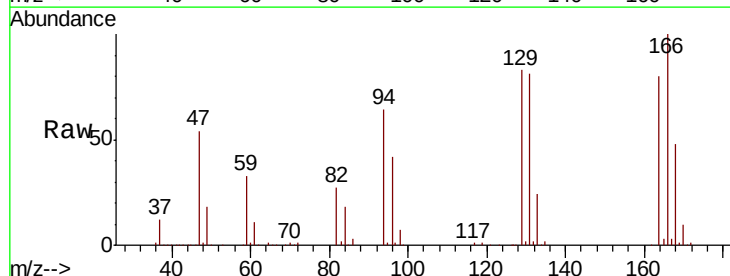


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

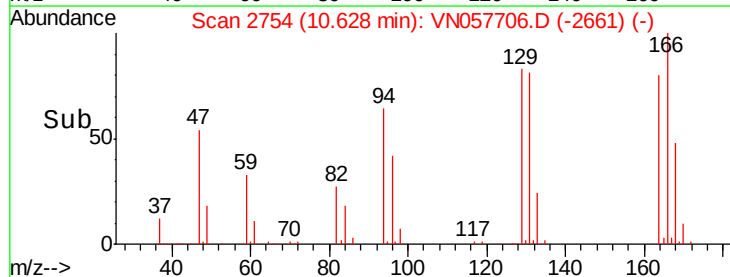
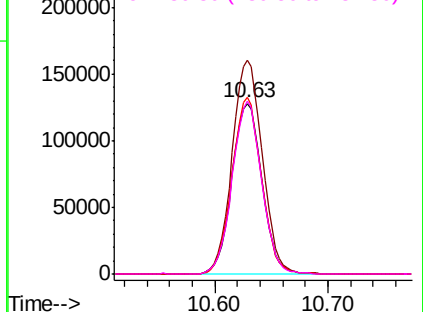


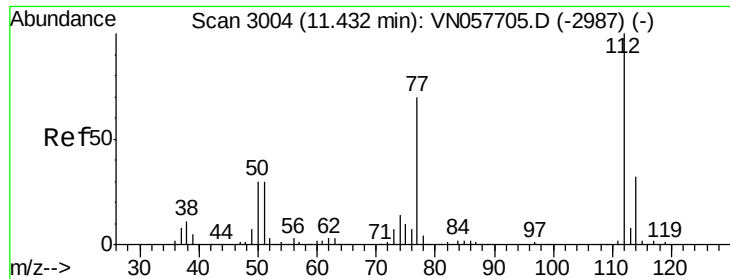
#64  
Tetrachloroethene  
Concen: 86.940 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion:164 Resp: 237105  
Ion Ratio Lower Upper  
164 100  
166 125.1 103.0 154.6  
129 103.9 81.1 121.7  
131 101.4 83.2 124.8



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

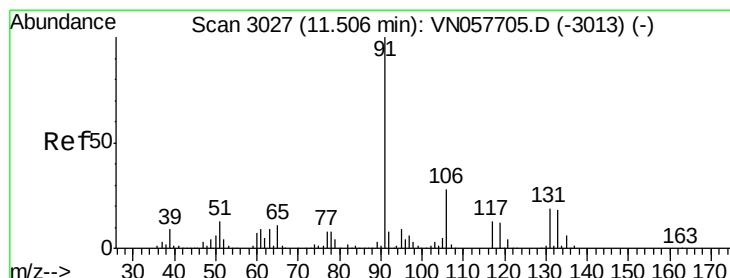
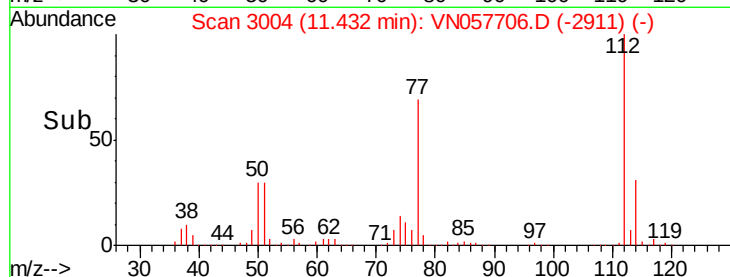
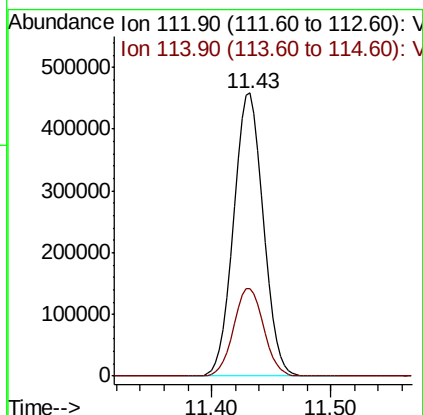
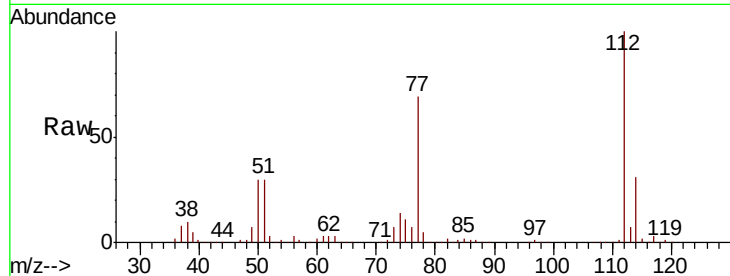




#65  
Chlorobenzene  
Concen: 99.250 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

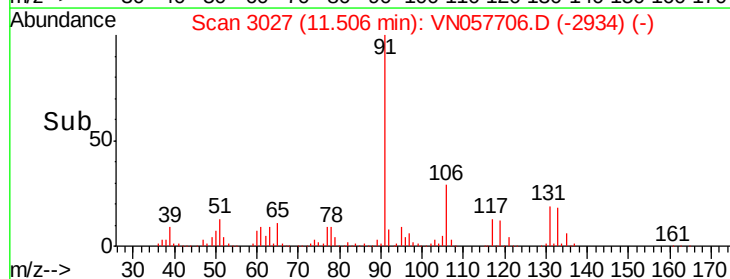
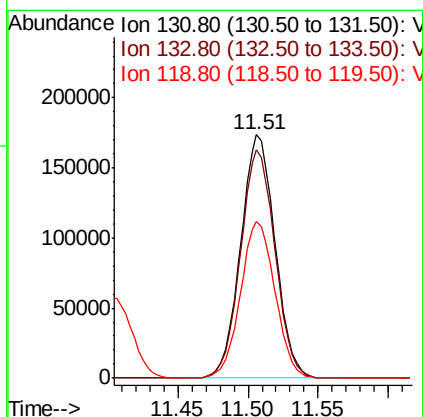
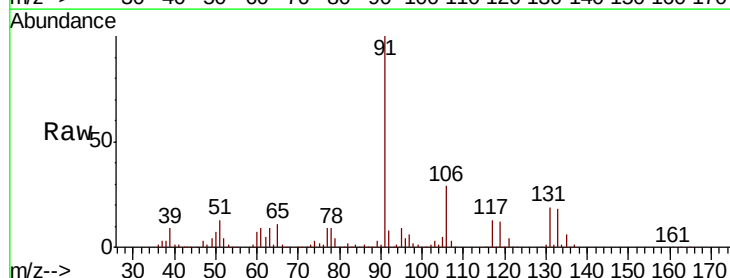
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

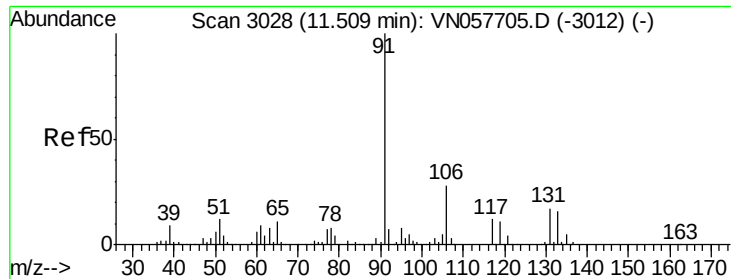
Tgt Ion:112 Resp: 793197  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 102.205 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion:131 Resp: 296864  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.6 142.9  
119 64.5 32.8 98.3

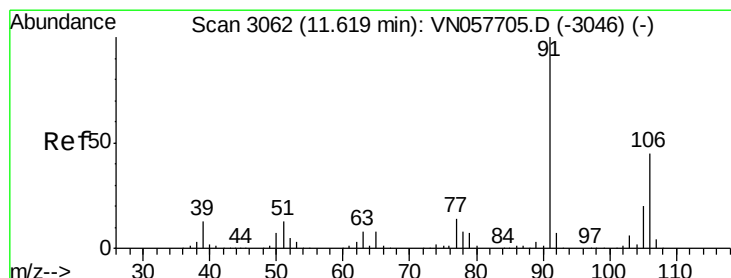
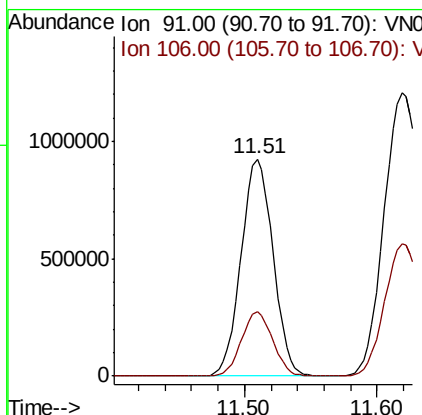
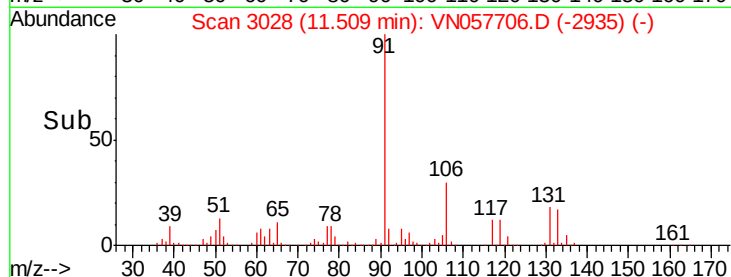
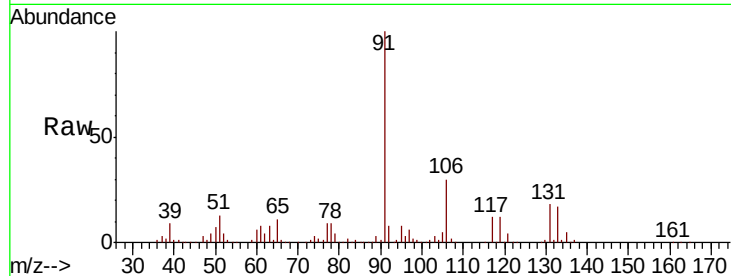




#67  
Ethyl Benzene  
Concen: 101.754 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

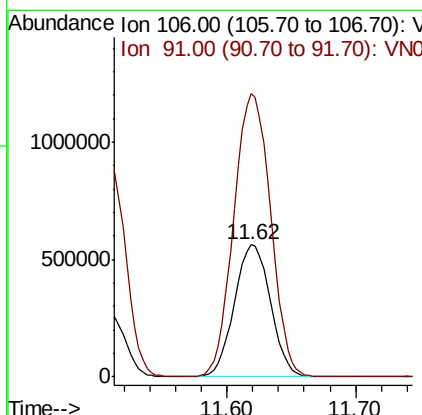
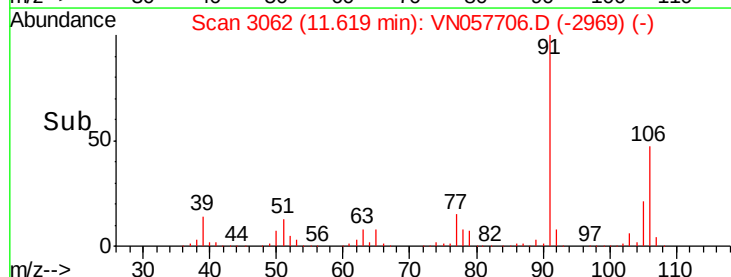
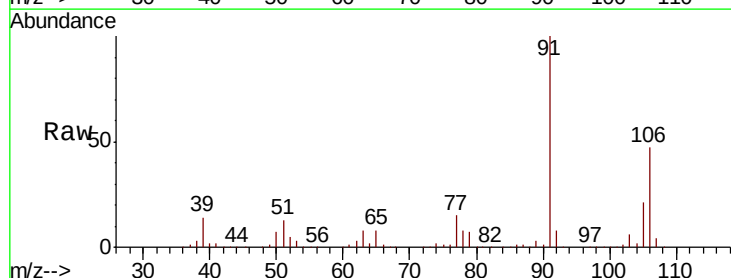
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

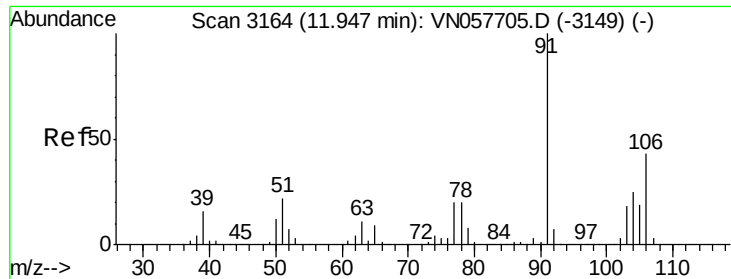
Tgt Ion: 91 Resp: 1552447  
Ion Ratio Lower Upper  
91 100  
106 29.7 22.8 34.2



#68  
m/p-Xylenes  
Concen: 208.729 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 106 Resp: 1097015  
Ion Ratio Lower Upper  
106 100  
91 218.3 179.8 269.8

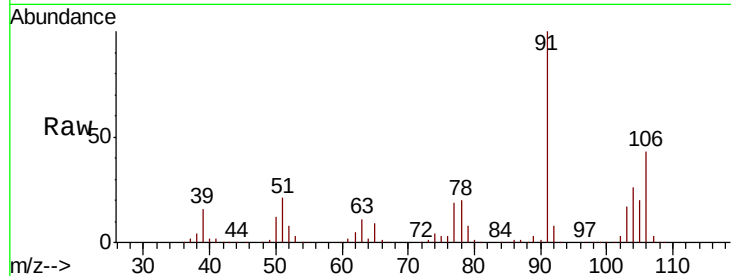




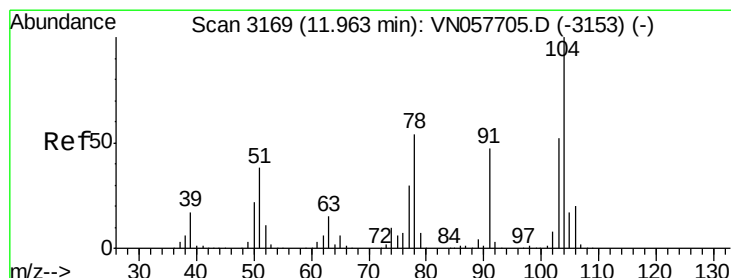
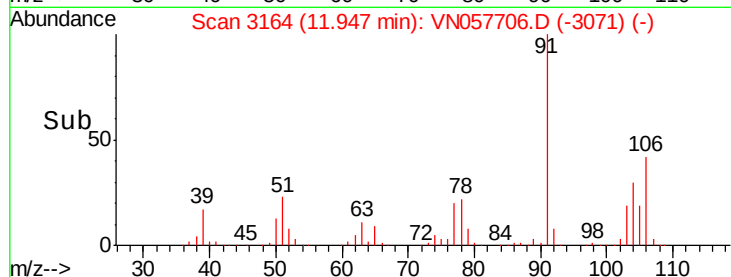
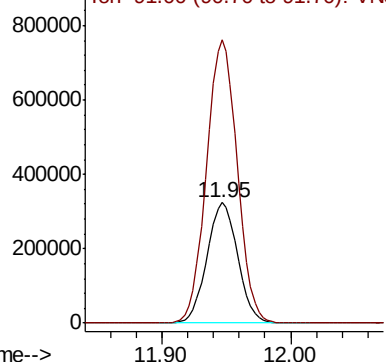
#69  
o-Xylene  
Concen: 102.313 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

Tgt Ion:106 Resp: 535852  
Ion Ratio Lower Upper  
106 100  
91 235.2 116.8 350.4

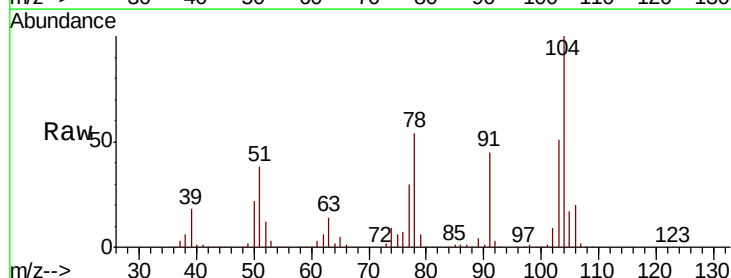


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

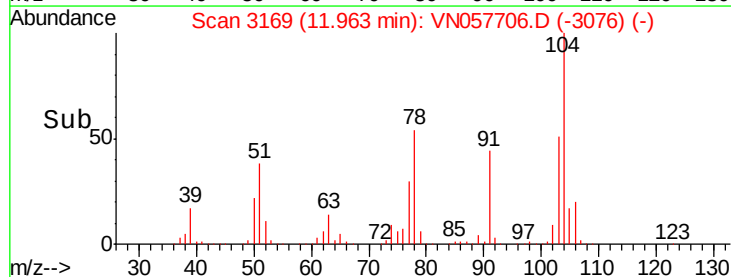
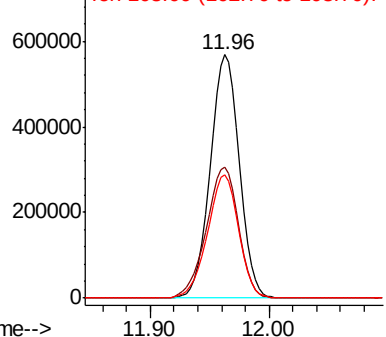


#70  
Styrene  
Concen: 115.047 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

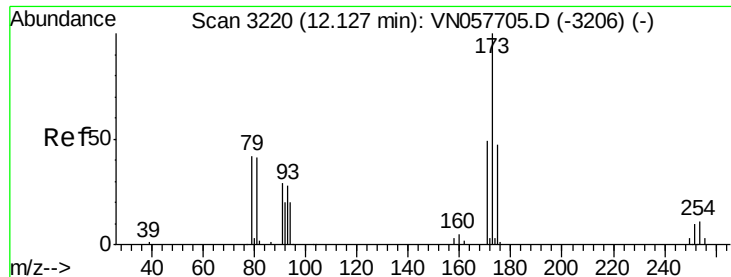
Tgt Ion:104 Resp: 959926  
Ion Ratio Lower Upper  
104 100  
78 59.9 48.5 72.7  
103 54.4 45.0 67.4



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



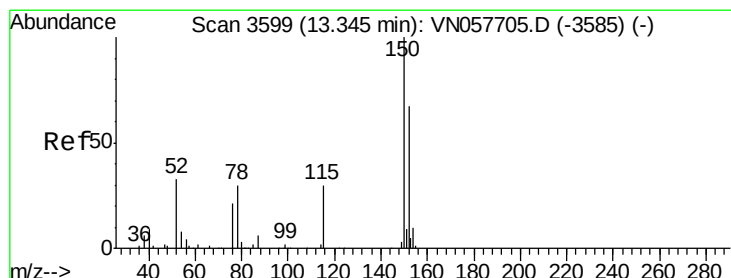
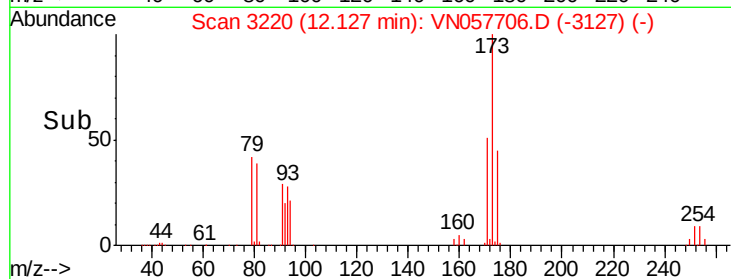
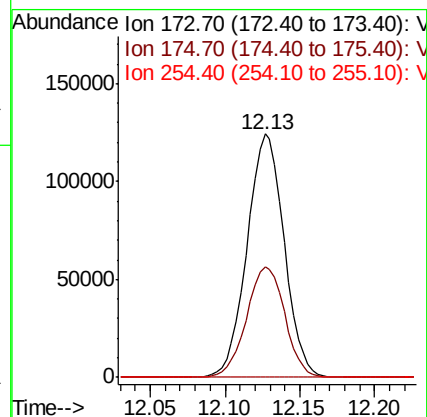
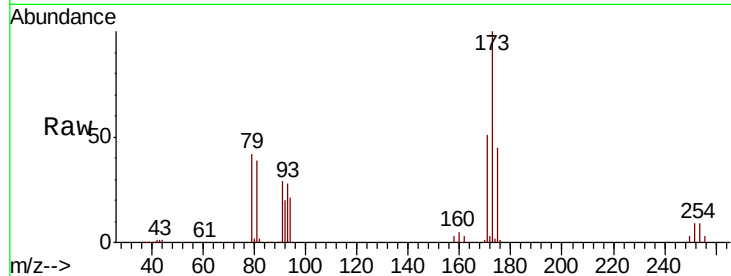




#71  
Bromoform  
Concen: 117.826 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

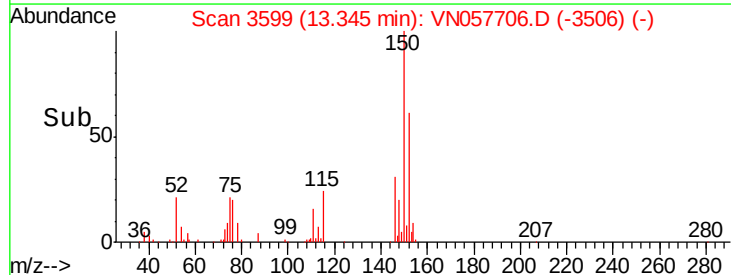
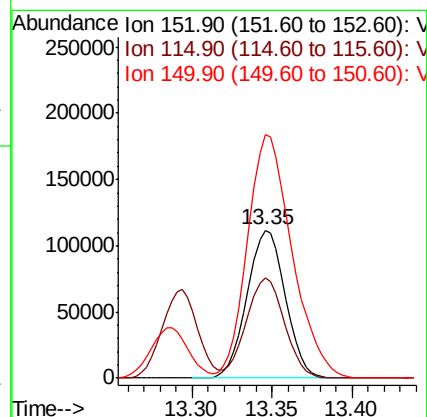
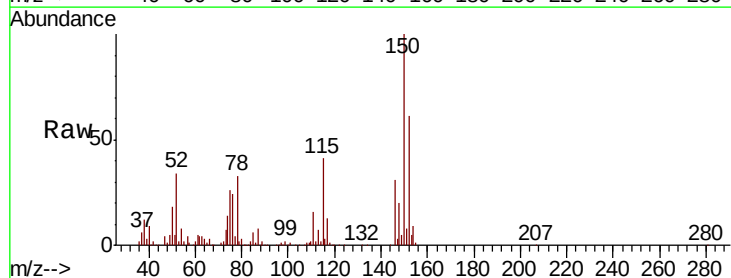
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MSVOA\_N  
ClientSampleId :  
VSTDIC100

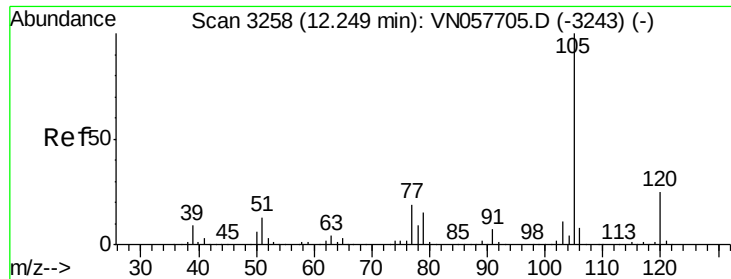
Tgt Ion:173 Resp: 213956  
Ion Ratio Lower Upper  
173 100  
175 46.7 24.6 73.8  
254 0.0 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion:152 Resp: 181816  
Ion Ratio Lower Upper  
152 100  
115 67.4 33.8 101.3  
150 192.8 0.0 345.4

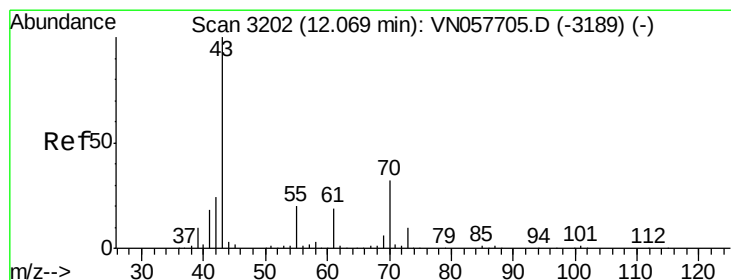
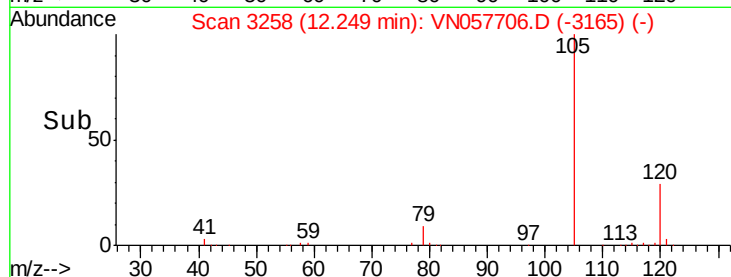
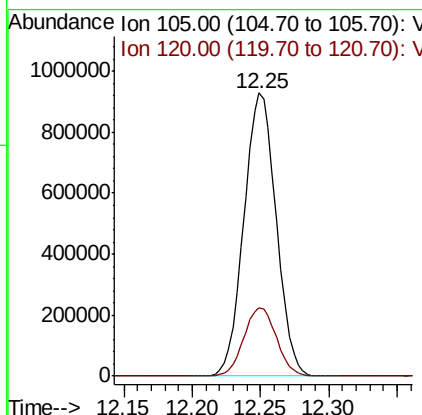
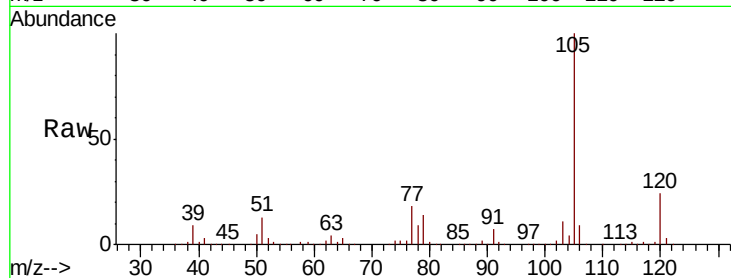




#73  
Isopropylbenzene  
Concen: 69.832 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

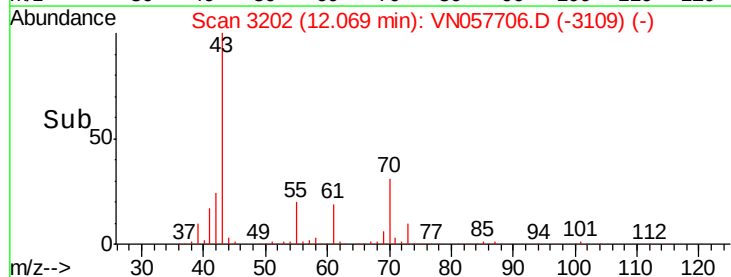
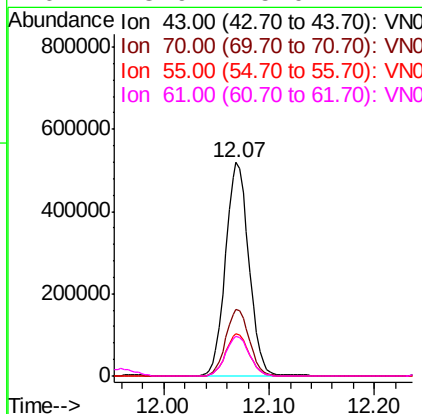
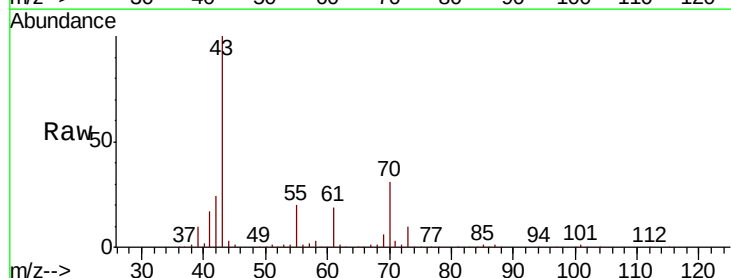
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

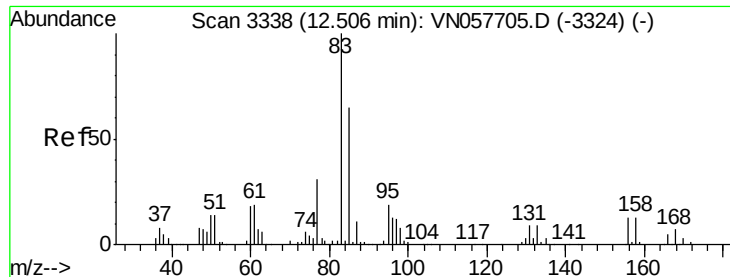
Tgt Ion: 105 Resp: 1522884  
Ion Ratio Lower Upper  
105 100  
120 24.5 12.2 36.6



#74  
N-ethyl acetate  
Concen: 87.879 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion: 43 Resp: 796309  
Ion Ratio Lower Upper  
43 100  
70 31.4 26.1 39.1  
55 19.8 16.3 24.5  
61 18.9 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 75.926 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

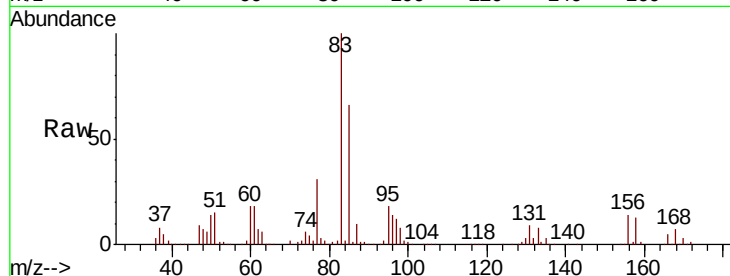
Tgt Ion: 83 Resp: 448829

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.5

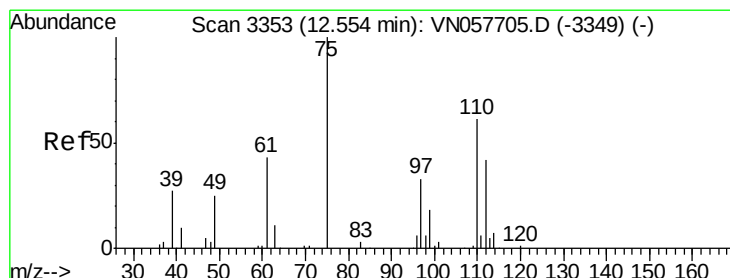
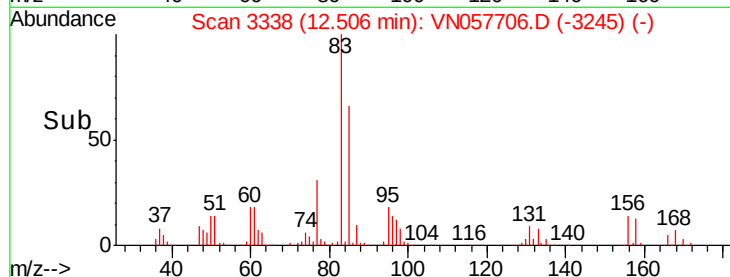
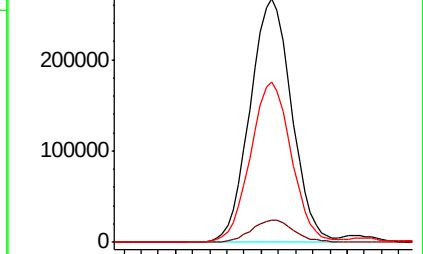
85 64.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VN057706.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN057706.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN057706.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 120.582 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057706.D

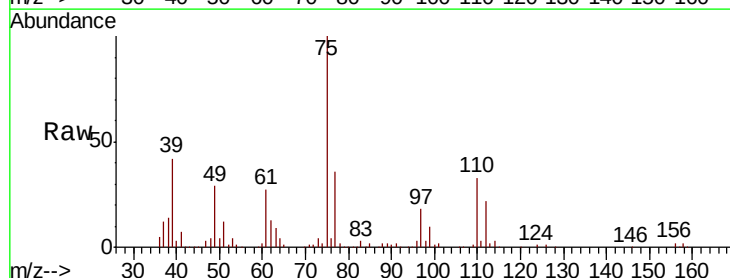
Acq: 5 Sep 2019 19:16

Tgt Ion: 75 Resp: 602118

Ion Ratio Lower Upper

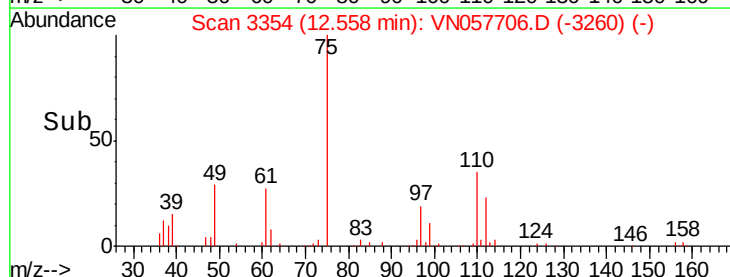
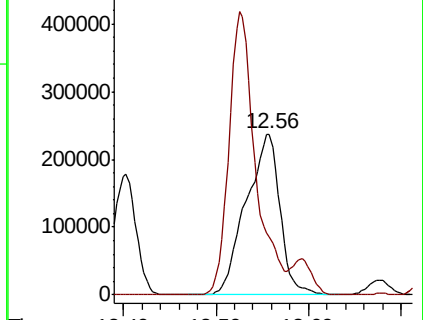
75 100

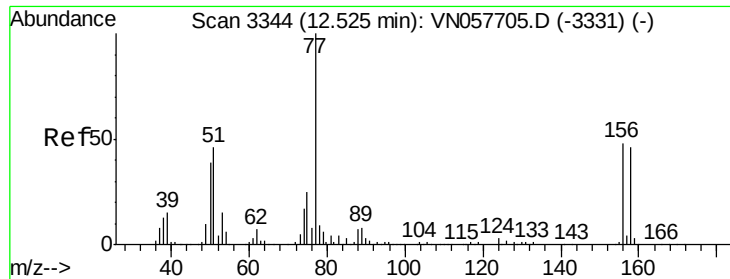
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057706.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN057706.D (-3349) (-)





#77

Bromobenzene

Concen: 71.875 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC100

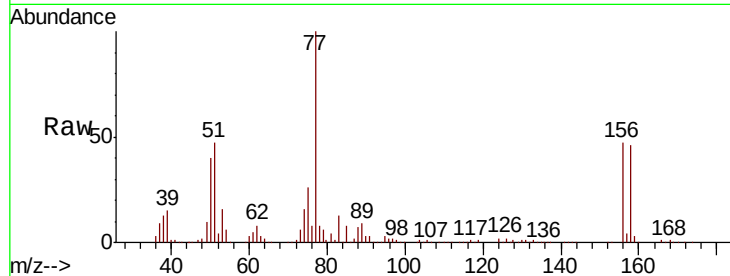
Tgt Ion:156 Resp: 334456

Ion Ratio Lower Upper

156 100

77 249.6 125.4 376.2

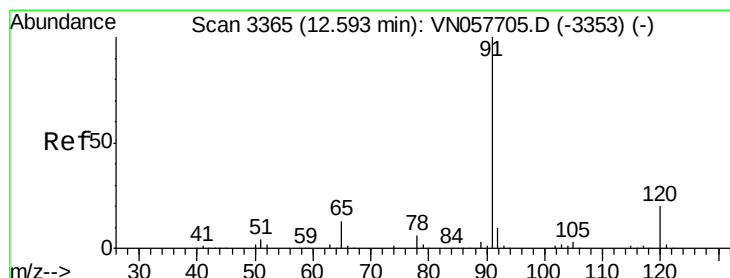
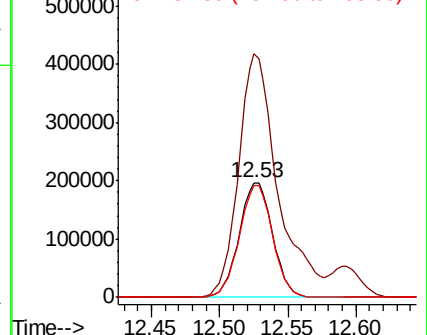
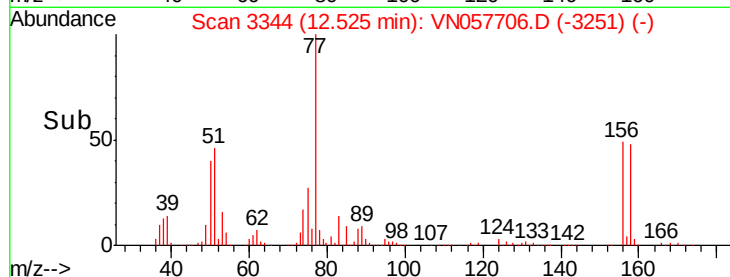
158 96.7 49.3 147.9



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: 76.878 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057706.D

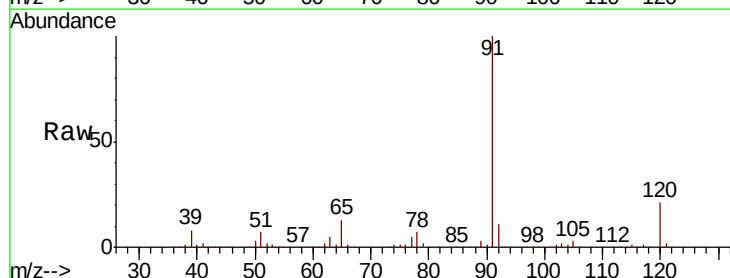
Acq: 5 Sep 2019 19:16

Tgt Ion: 91 Resp: 1828892

Ion Ratio Lower Upper

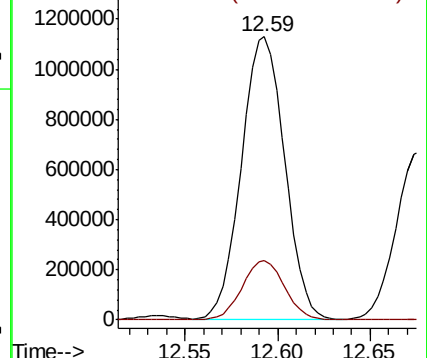
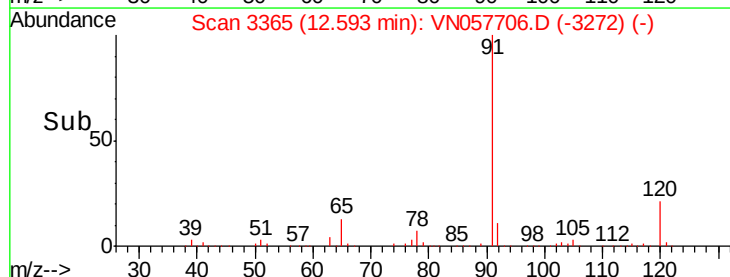
91 100

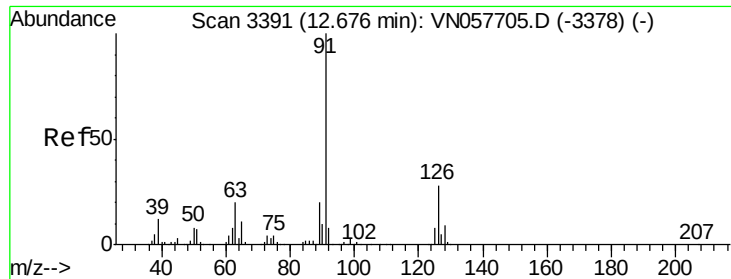
120 20.6 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

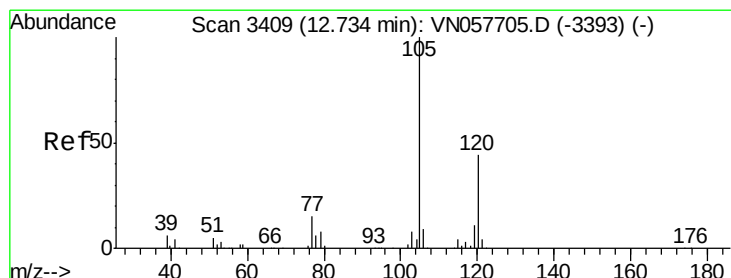
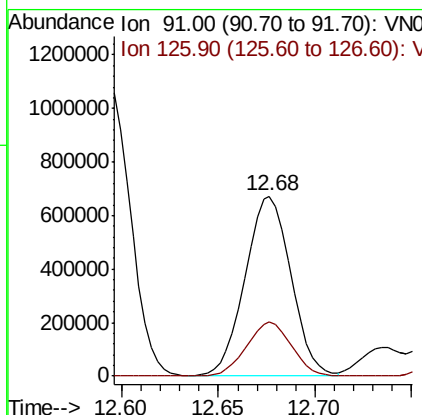
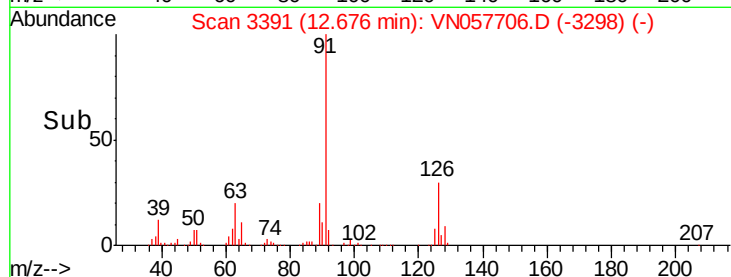
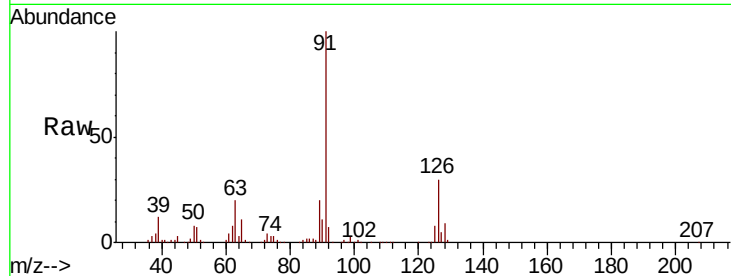




#79  
 2-Chlorotoluene  
 Concen: 75.315 ug/l  
 RT: 12.68 min Scan# 3391  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

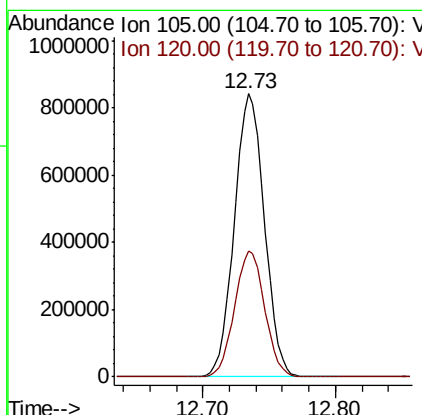
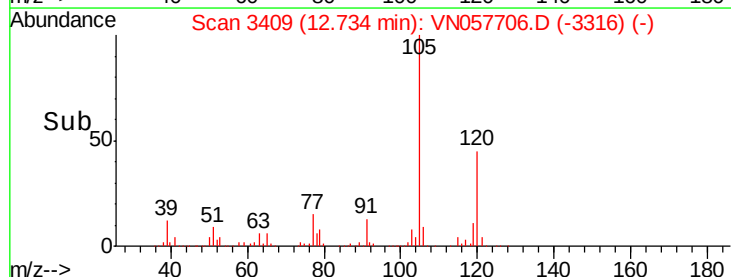
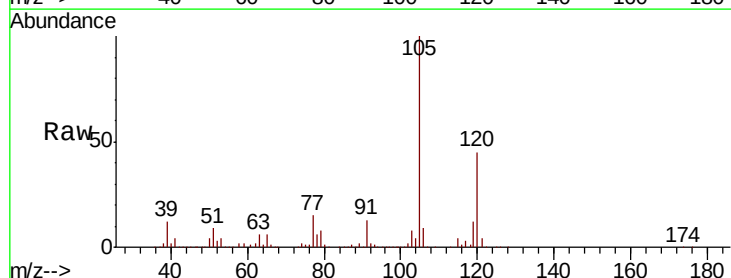
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

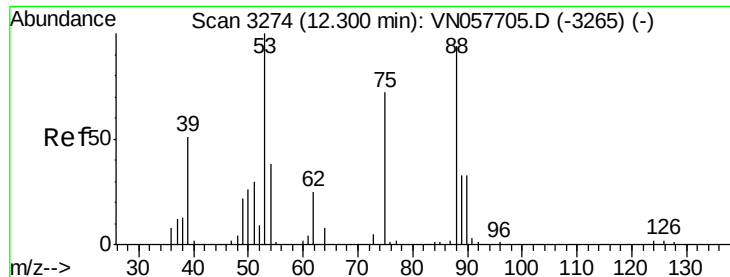
Tgt Ion: 91 Resp: 1105368  
 Ion Ratio Lower Upper  
 91 100  
 126 29.9 14.5 43.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 74.338 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion: 105 Resp: 1319505  
 Ion Ratio Lower Upper  
 105 100  
 120 44.7 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 95.240 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC100

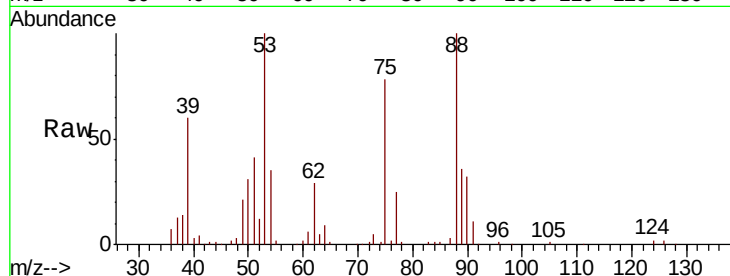
Tgt Ion: 75 Resp: 139605

Ion Ratio Lower Upper

75 100

53 126.8 107.0 160.6

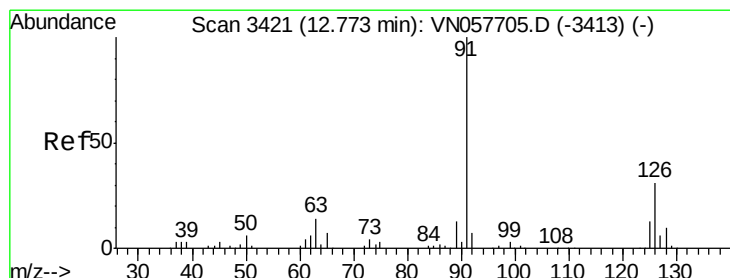
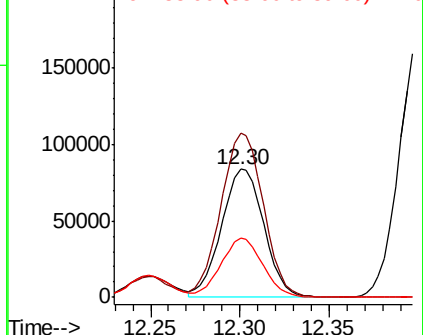
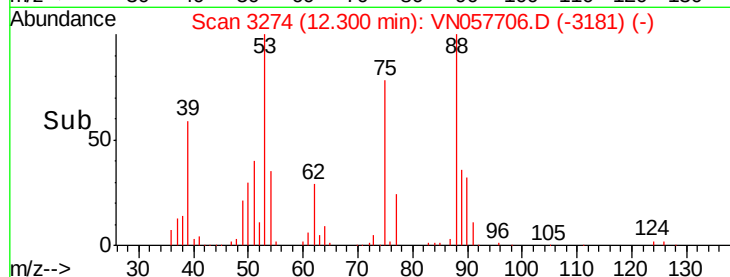
89 45.3 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 83.384 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057706.D

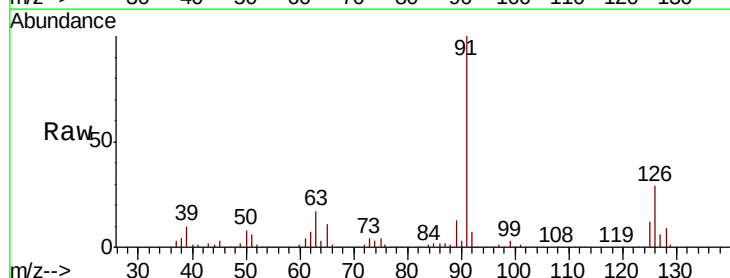
Acq: 5 Sep 2019 19:16

Tgt Ion: 91 Resp: 1159361

Ion Ratio Lower Upper

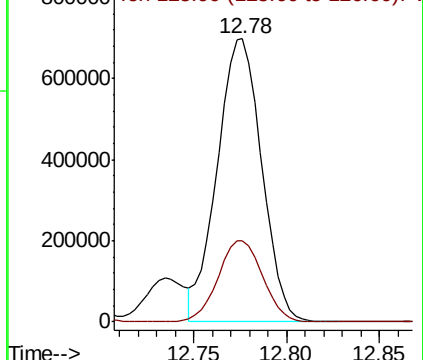
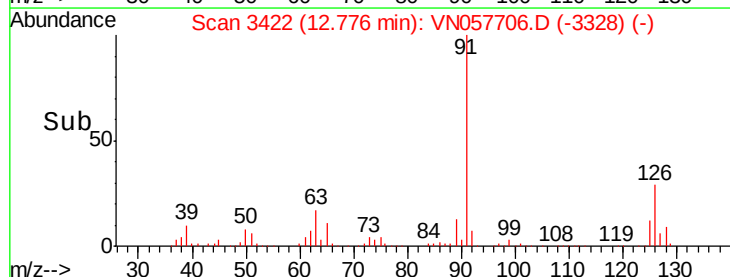
91 100

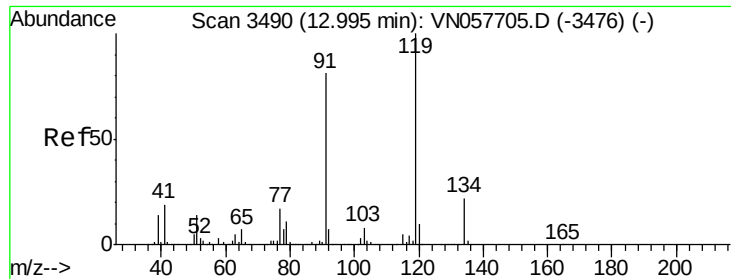
126 28.8 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

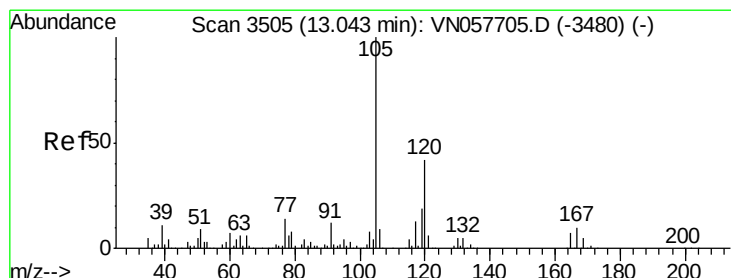
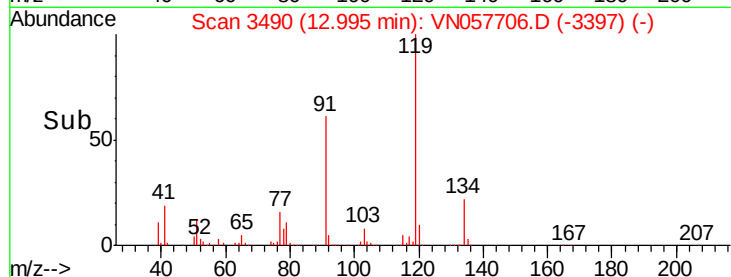
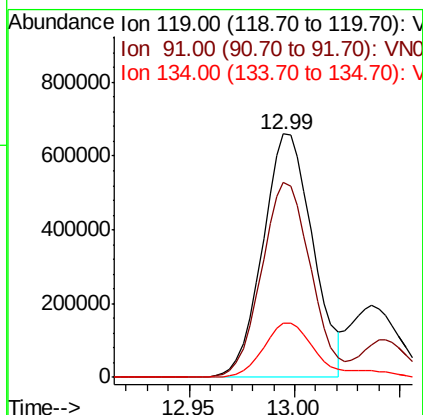
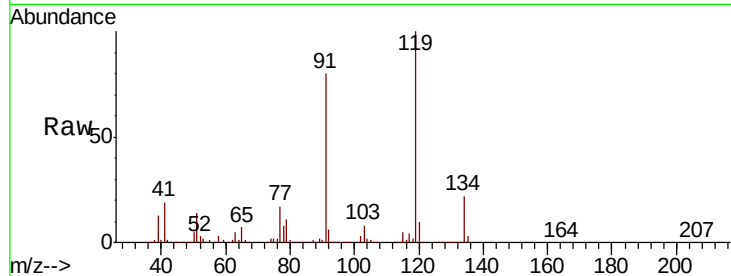




#83  
 tert-Butylbenzene  
 Concen: 69.652 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

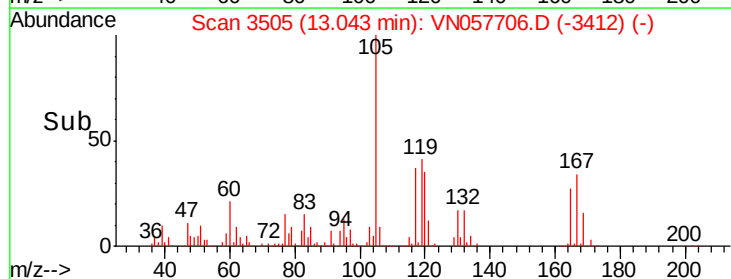
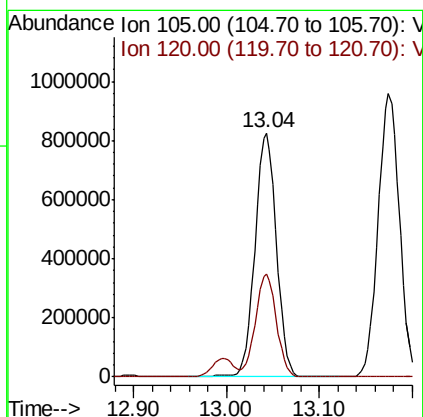
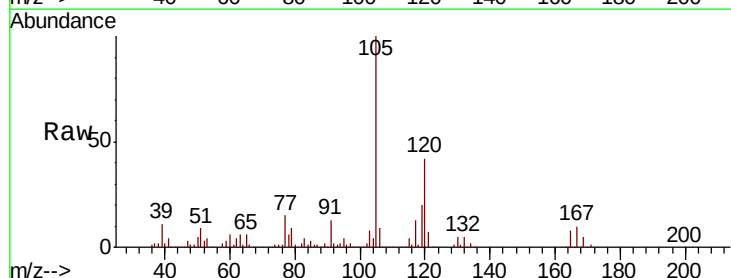
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

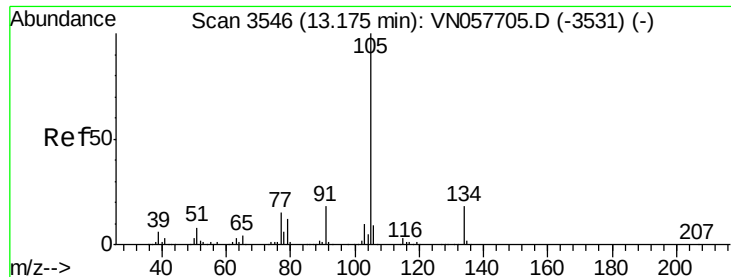
Tgt Ion:119 Resp: 1088192  
 Ion Ratio Lower Upper  
 119 100  
 91 78.7 39.6 118.8  
 134 24.5 11.3 33.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 81.172 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion:105 Resp: 1319389  
 Ion Ratio Lower Upper  
 105 100  
 120 41.3 20.8 62.5





#85

sec-Butylbenzene

Concen: 77.558 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampled :

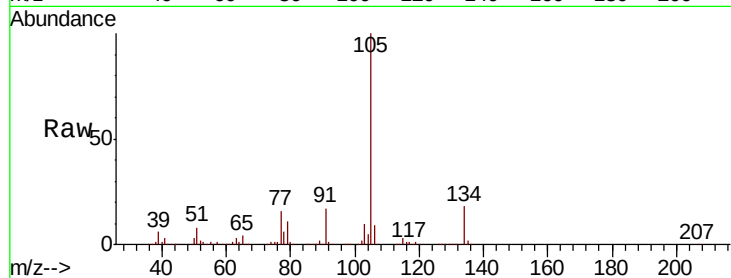
VSTDIC100

Tgt Ion:105 Resp: 1525404

Ion Ratio Lower Upper

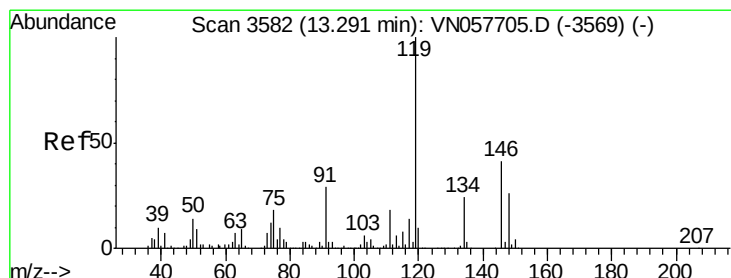
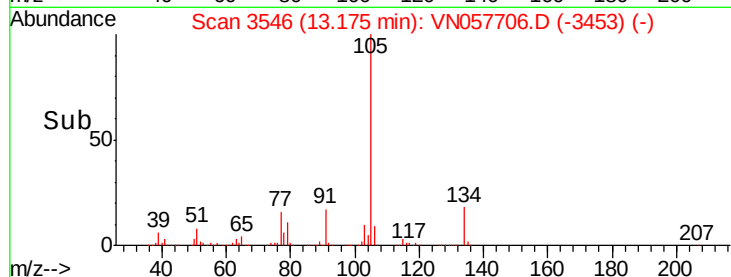
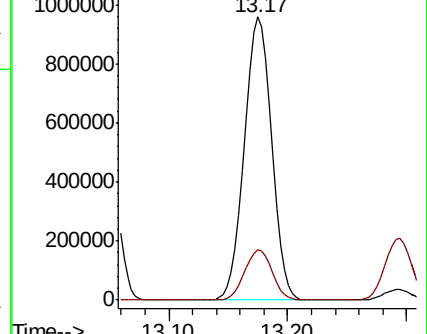
105 100

134 17.8 8.8 26.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 82.467 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

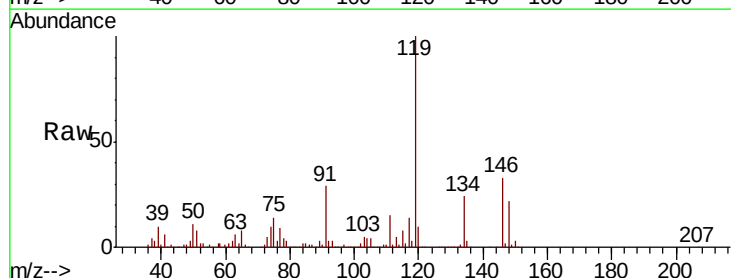
Tgt Ion:119 Resp: 1337655

Ion Ratio Lower Upper

119 100

134 24.4 12.4 37.0

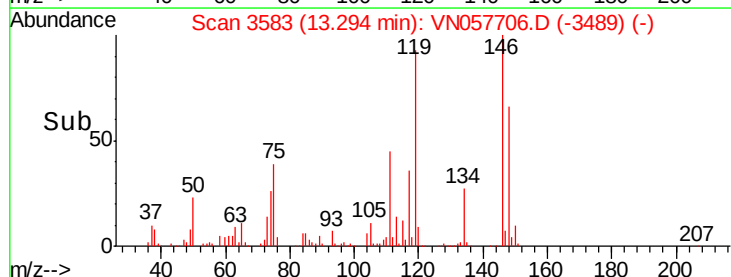
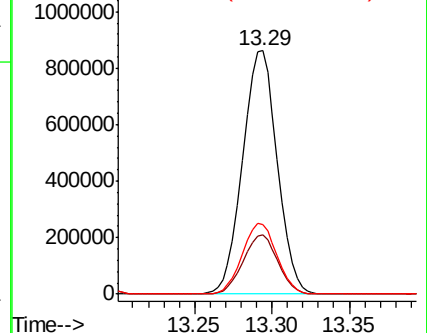
91 29.1 14.8 44.3



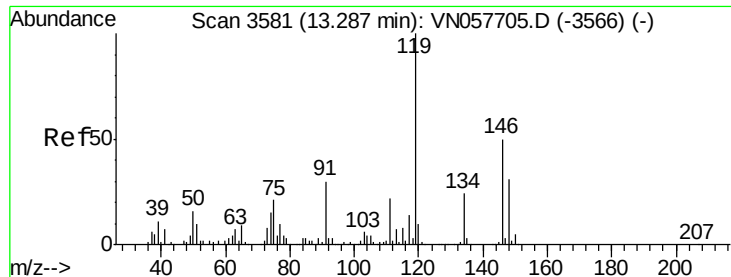
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



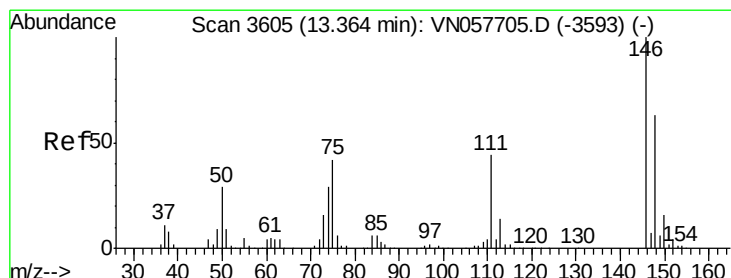
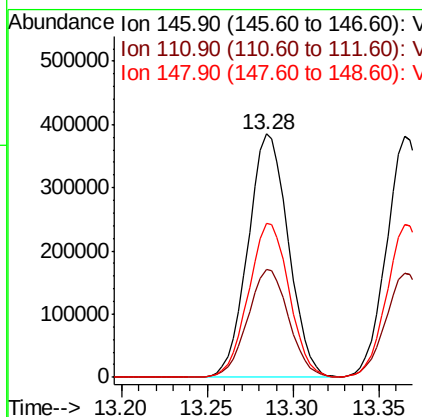
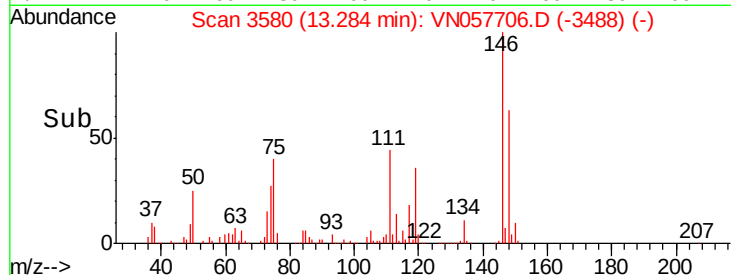
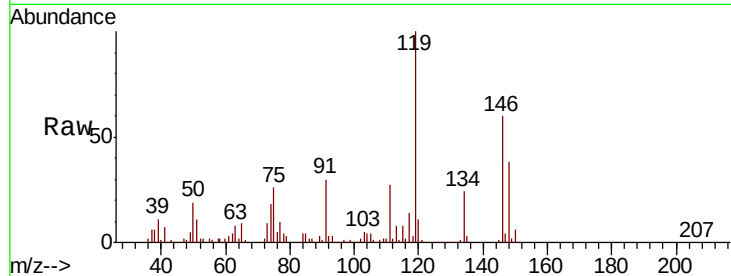




#87  
 1,3-Dichlorobenzene  
 Concen: 98.005 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

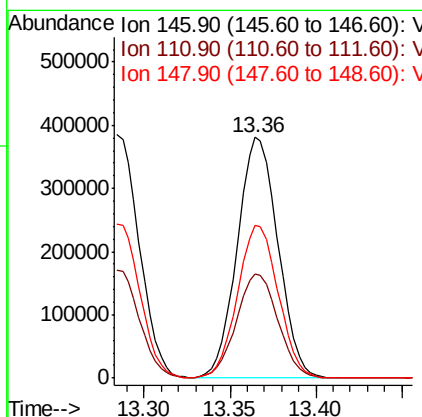
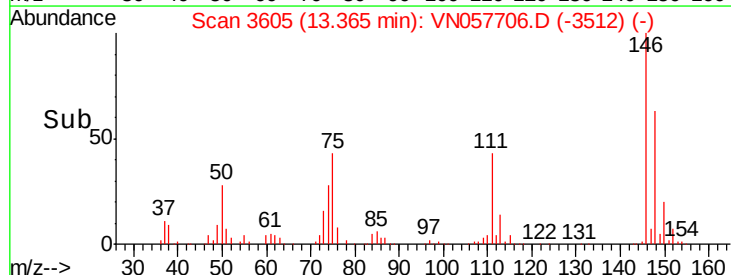
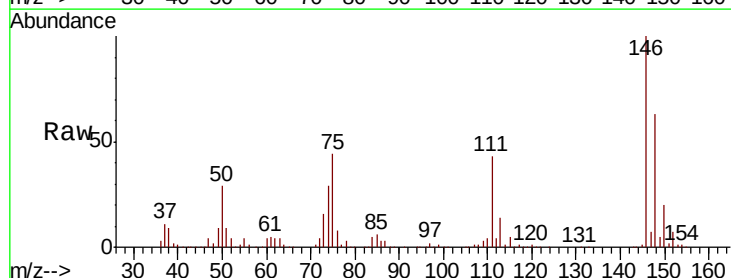
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

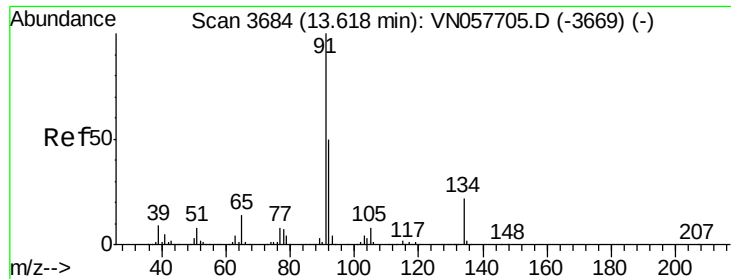
Tgt Ion:146 Resp: 627733  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 22.3 66.8  
 148 63.7 31.5 94.5



#88  
 1,4-Dichlorobenzene  
 Concen: 95.778 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

Tgt Ion:146 Resp: 624697  
 Ion Ratio Lower Upper  
 146 100  
 111 44.2 22.3 66.9  
 148 63.5 31.9 95.7





#89

n-Butylbenzene

Concen: 94.063 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057706.D

Acq: 5 Sep 2019 19:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

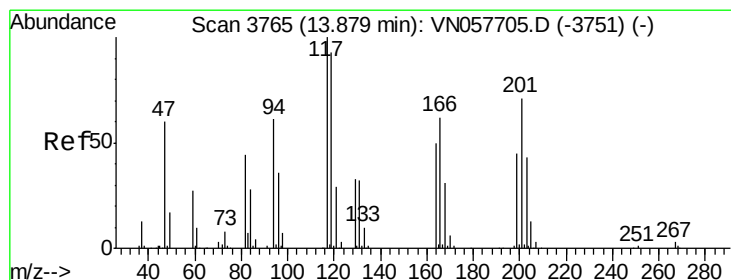
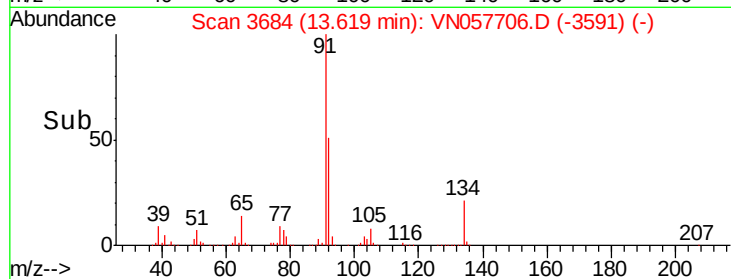
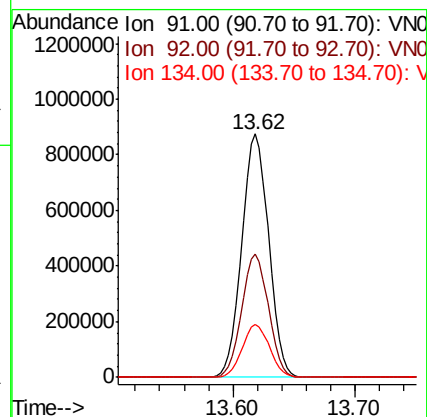
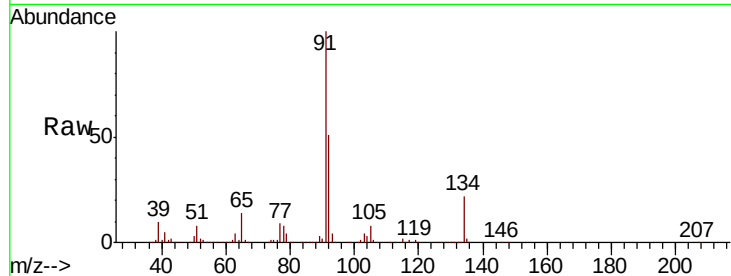
Tgt Ion: 91 Resp: 1332689

Ion Ratio Lower Upper

91 100

92 50.3 25.6 76.8

134 21.9 11.2 33.5



#90

Hexachloroethane

Concen: 78.700 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057706.D

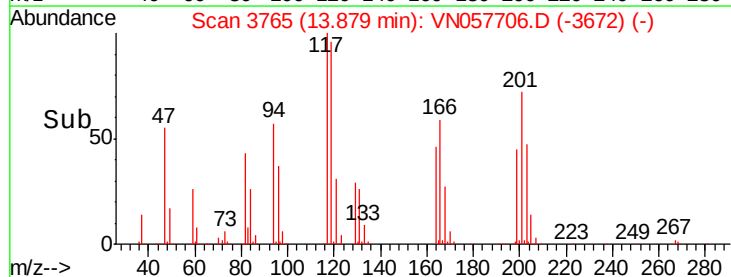
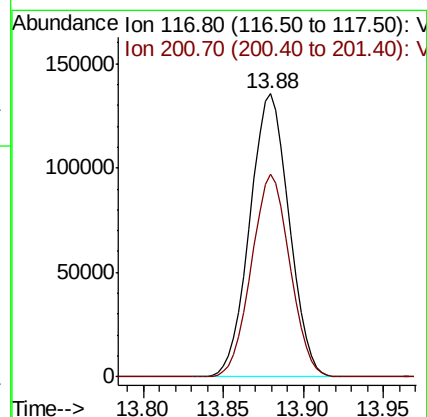
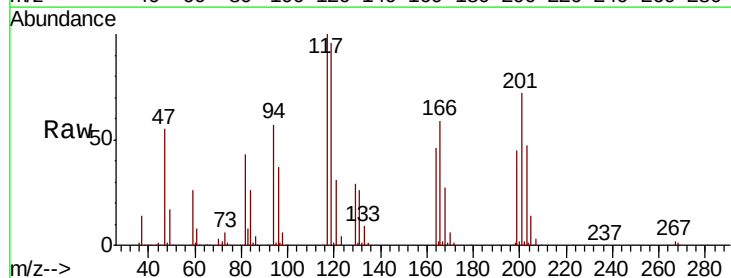
Acq: 5 Sep 2019 19:16

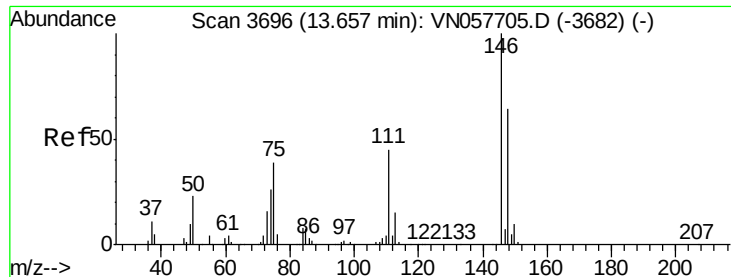
Tgt Ion: 117 Resp: 227153

Ion Ratio Lower Upper

117 100

201 70.3 36.4 109.2

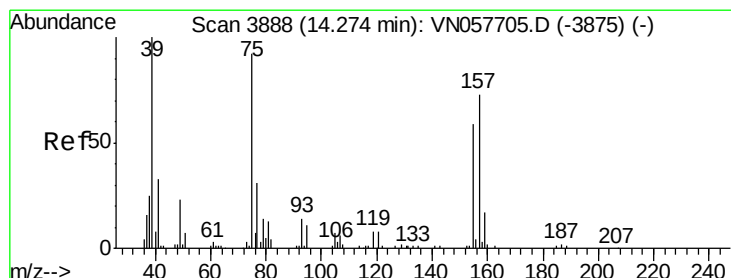
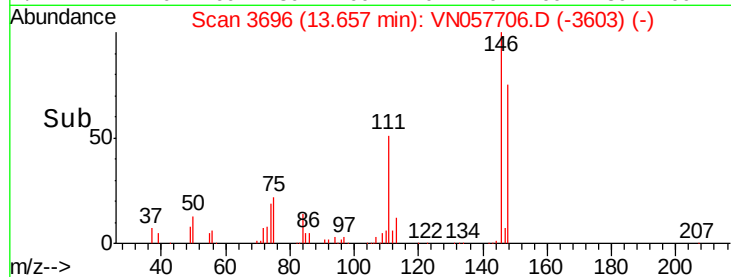
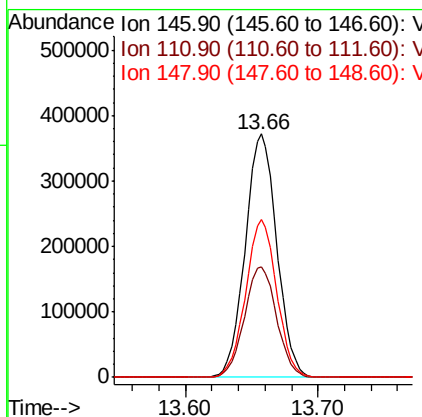
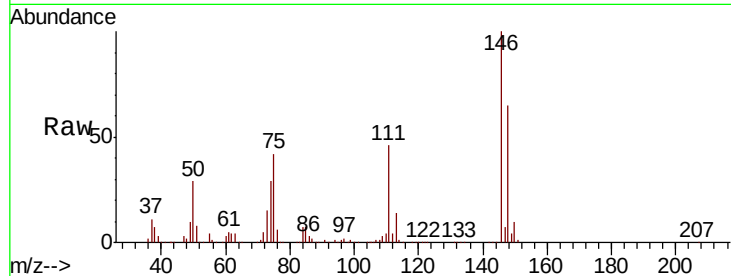




#91  
 1,2-Dichlorobenzene  
 Concen: 100.559 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

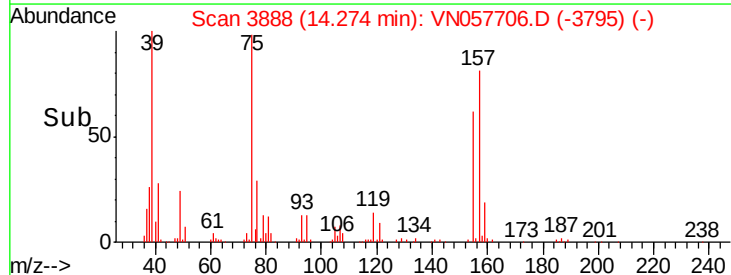
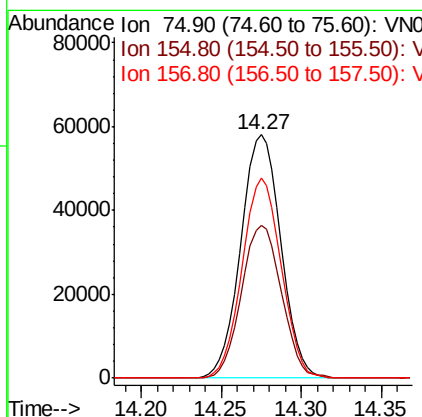
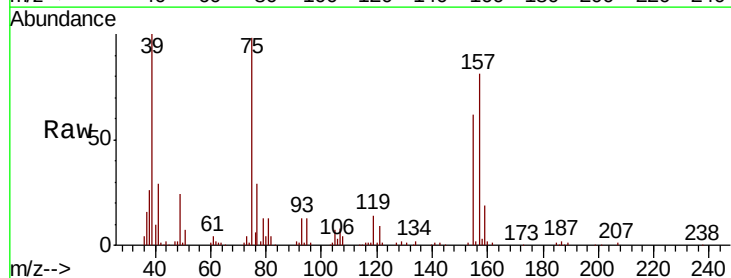
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

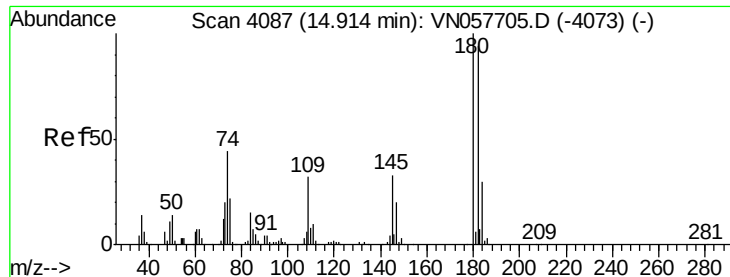
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 46.5  | 22.8  | 68.3  |
| 148     | 63.9  | 31.6  | 95.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 113.849 ug/l  
 RT: 14.27 min Scan# 3888  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 62.7  | 30.1  | 90.5  |
| 157     | 80.1  | 38.1  | 114.5 |

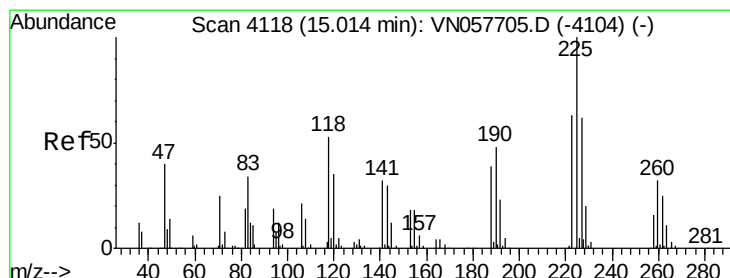
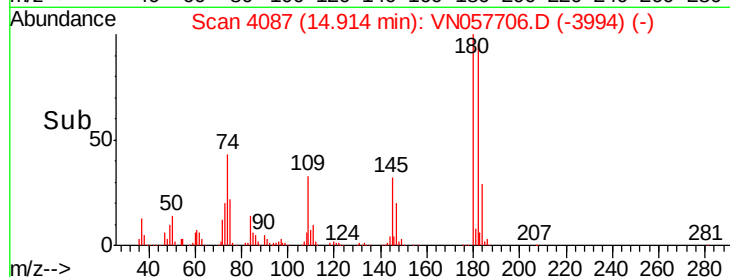
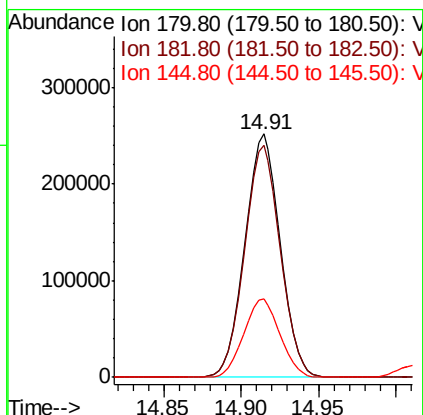
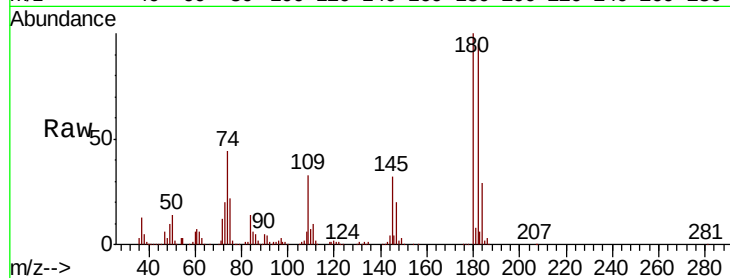




#93  
 1,2,4-Trichlorobenzene  
 Concen: 179.717 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

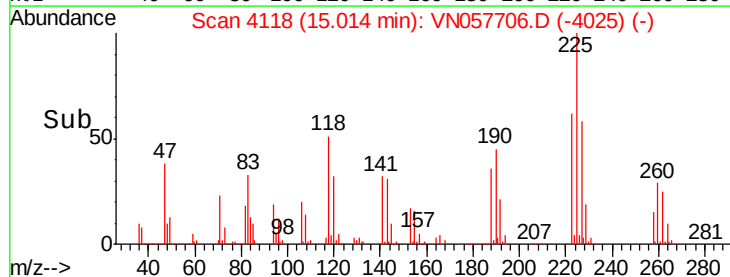
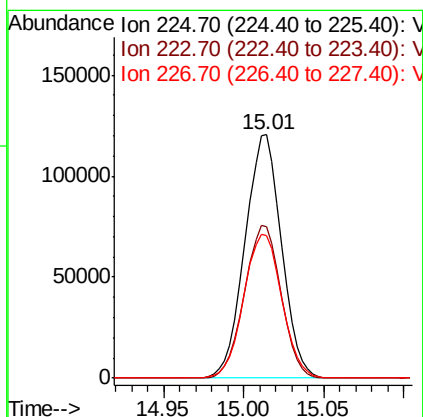
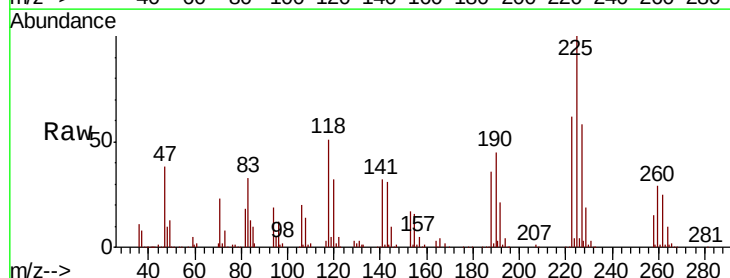
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

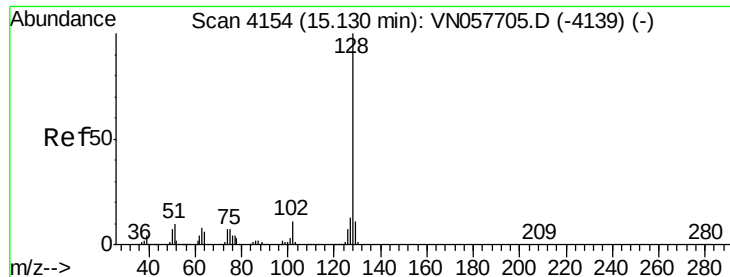
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 47.6  | 142.9 |
| 145     | 32.8  | 16.6  | 49.7  |



#94  
 Hexachlorobutadiene  
 Concen: 76.091 ug/l  
 RT: 15.01 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN057706.D  
 Acq: 5 Sep 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 31.6  | 95.0  |
| 227     | 61.3  | 31.7  | 95.1  |

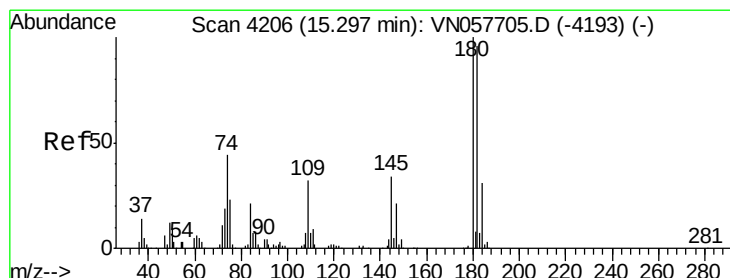
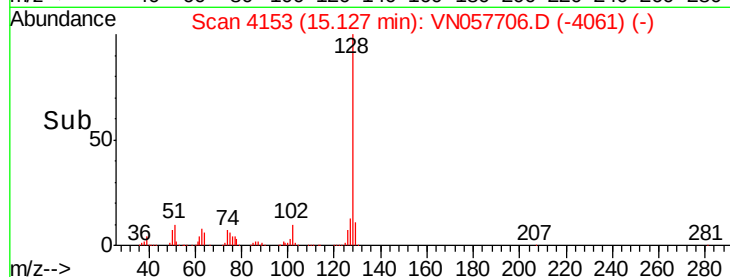
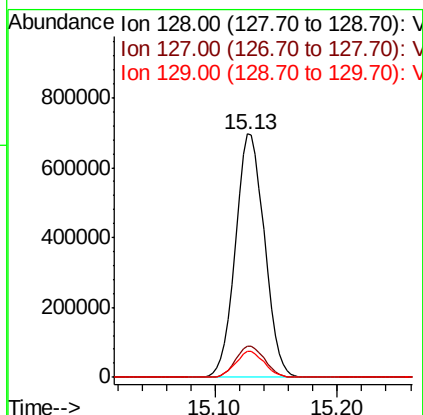
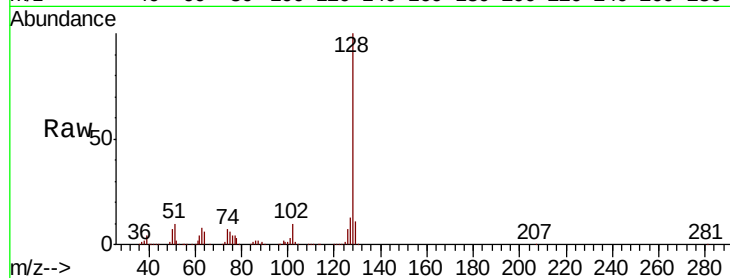




#95  
Naphthalene  
Concen: 195.831 ug/l  
RT: 15.13 min Scan# 4153  
Delta R.T. -0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 1145141  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.6 15.8  
129 10.6 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 183.616 ug/l  
RT: 15.30 min Scan# 4206  
Delta R.T. 0.00 min  
Lab File: VN057706.D  
Acq: 5 Sep 2019 19:16

Tgt Ion:180 Resp: 382167  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.0 141.2  
145 34.4 17.5 52.6

