

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\  
 Data File : VN055975.D  
 Acq On : 4 Jun 2019 8:22  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Jun 05 01:09:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 331788   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 458990   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 392917   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 128538   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |       |      |
|---------------------------|--------|-----|----------|------|-------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 3227     | 0.98 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 1.96% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 2451     | 0.87 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 1.74% |      |
| 50) Toluene-d8            | 10.09  | 98  | 10387    | 0.96 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 1.92% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 3418     | 0.93 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 1.86% |      |

## Target Compounds

|                               |      |     |       |       | Qvalue |     |
|-------------------------------|------|-----|-------|-------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 2400  | 1.008 | ug/l   | 93  |
| 3) Chloromethane              | 2.06 | 50  | 3110  | 0.865 | ug/l   | 98  |
| 4) Vinyl Chloride             | 2.18 | 62  | 3150  | 0.873 | ug/l # | 87  |
| 5) Bromomethane               | 2.54 | 94  | 2678  | 1.175 | ug/l   | 91  |
| 6) Chloroethane               | 2.69 | 64  | 2073  | 0.991 | ug/l   | 96  |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 4615  | 1.002 | ug/l   | 95  |
| 8) Diethyl Ether              | 3.40 | 74  | 1906  | 1.006 | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 2610  | 0.933 | ug/l # | 88  |
| 10) Methyl Iodide             | 3.93 | 142 | 3567  | 0.802 | ug/l # | 90  |
| 11) Tert butyl alcohol        | 4.80 | 59  | 2165  | 3.776 | ug/l # | 74  |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 2406  | 0.864 | ug/l   | 90  |
| 13) Acrolein                  | 3.60 | 56  | 894   | 5.407 | ug/l   | 97  |
| 14) Allyl chloride            | 4.30 | 41  | 2061  | 0.469 | ug/l # | 35  |
| 15) Acrylonitrile             | 5.00 | 53  | 5564  | 3.987 | ug/l # | 85  |
| 16) Acetone                   | 3.81 | 43  | 8212  | 5.212 | ug/l   | 94  |
| 17) Carbon Disulfide          | 4.04 | 76  | 5693  | 0.854 | ug/l # | 88  |
| 18) Methyl Acetate            | 4.33 | 43  | 4816  | 0.989 | ug/l # | 86  |
| 19) Methyl tert-butyl Ether   | 5.04 | 73  | 8602  | 0.969 | ug/l   | 98  |
| 20) Methylene Chloride        | 4.55 | 84  | 3107  | 0.957 | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene  | 5.02 | 96  | 2758  | 0.924 | ug/l   | 84  |
| 22) Diisopropyl ether         | 5.95 | 45  | 8953  | 0.985 | ug/l   | 97  |
| 23) Vinyl Acetate             | 5.90 | 43  | 29754 | 4.156 | ug/l   | 98  |
| 24) 1,1-Dichloroethane        | 5.84 | 63  | 4892  | 0.933 | ug/l # | 83  |
| 25) 2-Butanone                | 6.84 | 43  | 8724  | 4.382 | ug/l   | 98  |
| 26) 2,2-Dichloropropane       | 6.81 | 77  | 4028  | 0.984 | ug/l # | 75  |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 3256  | 0.928 | ug/l   | 96  |
| 28) Bromochloromethane        | 7.18 | 49  | 2349  | 0.947 | ug/l # | 95  |
| 29) Tetrahydrofuran           | 7.22 | 42  | 5426  | 4.409 | ug/l   | 96  |
| 30) Chloroform                | 7.37 | 83  | 4994  | 0.947 | ug/l   | 100 |
| 31) Cyclohexane               | 7.65 | 56  | 9453  | 1.808 | ug/l # | 22  |
| 32) 1,1,1-Trichloroethane     | 7.56 | 97  | 3953  | 0.897 | ug/l # | 36  |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 4312  | 1.093 | ug/l # | 88  |
| 37) Ethyl Acetate             | 6.93 | 43  | 3086  | 0.879 | ug/l # | 83  |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 3612  | 0.993 | ug/l   | 87  |

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 ClientSampleId :  
 VSTDIC001

Quant Time: Jun 05 01:09:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|--------|----------|
| -----                          |       |      |          |           |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 4901     | 0.997     | ug/l # | 82       |
| 40) Benzene                    | 8.04  | 78   | 11669    | 0.973     | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.18  | 41   | 1530     | 0.947     | ug/l # | 40       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 3916     | 1.016     | ug/l   | 84       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 5111     | 0.898     | ug/l # | 71       |
| 44) Trichloroethene            | 8.83  | 130  | 3470     | 1.007     | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 3003     | 0.978     | ug/l   | 98       |
| 46) Dibromomethane             | 9.20  | 93   | 1890     | 0.941     | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 3306     | 0.909     | ug/l # | 92       |
| 48) Methyl methacrylate        | 9.20  | 41   | 2498     | 0.897     | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 1067     | 17.753    | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 16778    | 4.715     | ug/l   | 93       |
| 52) Toluene                    | 10.15 | 92   | 6773     | 0.908     | ug/l   | 87       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 2924     | 3.050     | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 3459     | 0.791     | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 2693     | 0.911     | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 3690     | 0.856     | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 4466     | 0.930     | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 6135     | 18.251    | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 12334    | 4.782     | ug/l   | 87       |
| 60) Dibromochloromethane       | 10.90 | 129  | 2136     | 3.075     | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 2645     | 0.876     | ug/l   | 91       |
| 64) Tetrachloroethene          | 10.63 | 164  | 3936     | 1.157     | ug/l   | 92       |
| 65) Chlorobenzene              | 11.43 | 112  | 8120     | 1.038     | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 2331     | 0.863     | ug/l # | 64       |
| 67) Ethyl Benzene              | 11.51 | 91   | 13732    | 1.010     | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.62 | 106  | 10177    | 1.959     | ug/l   | 95       |
| 69) o-Xylene                   | 11.94 | 106  | 4955     | 0.970     | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 6765     | 0.833     | ug/l   | 96       |
| 71) Bromoform                  | 12.12 | 173  | 1464     | 3.353     | ug/l # | 91       |
| 73) Isopropylbenzene           | 12.25 | 105  | 12729    | Below Cal |        | 97       |
| 74) N-amyl acetate             | 12.07 | 43   | 3655     | 1.067     | ug/l # | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 3585     | 1.201     | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 3900     | 1.649     | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 3192     | 1.160     | ug/l   | 91       |
| 78) n-propylbenzene            | 12.59 | 91   | 12441    | 1.144     | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 8326     | Below Cal |        | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 10483    | 1.213     | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 490      | 0.690     | ug/l # | 60       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 7153     | 1.124     | ug/l   | 93       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 9622     | Below Cal |        | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 8872     | 1.083     | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 11303    | 1.174     | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 9597     | 1.114     | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 4482     | 1.052     | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 13.28 | 146  | 4482     | 1.094     | ug/l   | 94       |
| 89) n-Butylbenzene             | 13.61 | 91   | 6442     | 1.009     | ug/l   | 91       |
| 90) Hexachloroethane           | 13.88 | 117  | 1315     | 1.012     | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 4646     | 1.080     | ug/l   | 92       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 338      | 0.792     | ug/l   | 82       |

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Acq On : 4 Jun 2019 8:22  
Operator : JC/SP  
Sample : VSTDICC001  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

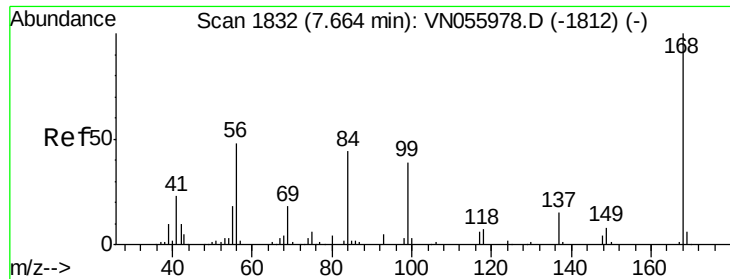
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Quant Time: Jun 05 01:09:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 11:02:09 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc      | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-----------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 1444     | 4.827     | ug/l   | 84       |
| 94) Hexachlorobutadiene    | 15.00 | 225  | 2122     | Below Cal |        | 94       |
| 95) Naphthalene            | 15.13 | 128  | 3579     | 4.389     | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 1575     | 3.644     | ug/l   | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

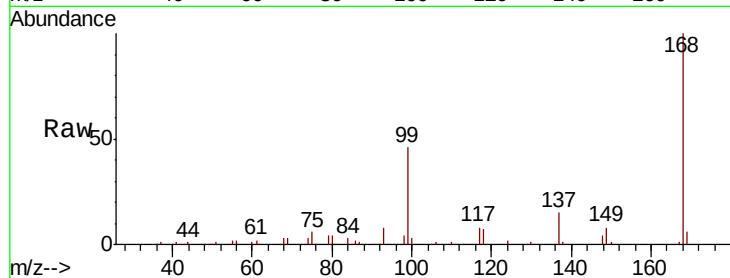
VSTDIC001

Tot Ion:168 Resp: 331788

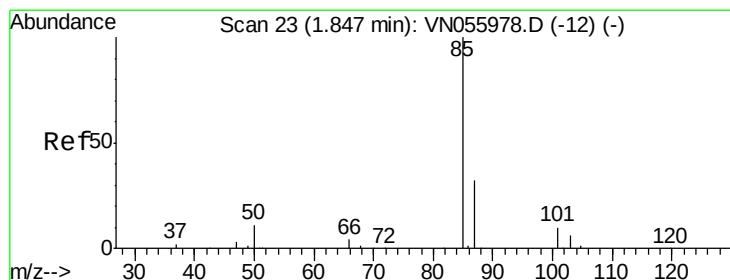
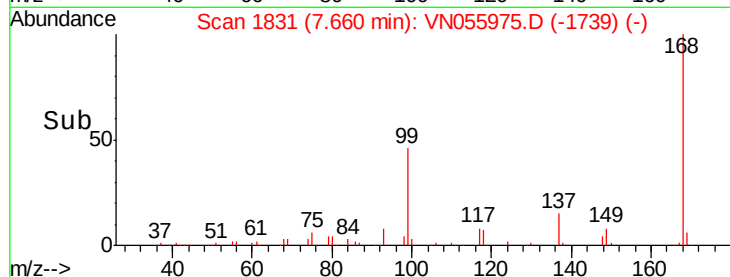
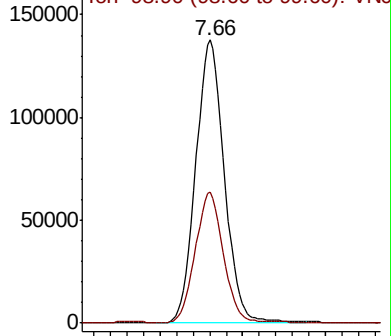
Ion Ratio Lower Upper

168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)



#2

Dichlorodifluoromethane

Concen: 1.008 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055975.D

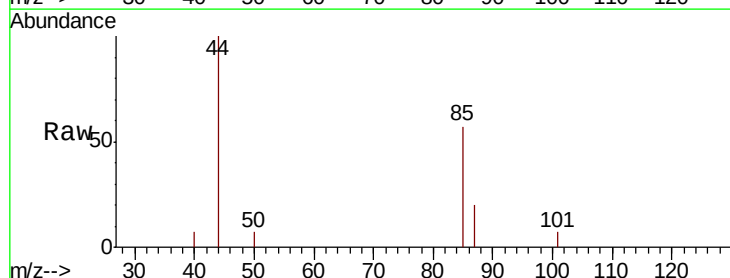
Acq: 4 Jun 2019 8:22

Tgt Ion: 85 Resp: 2400

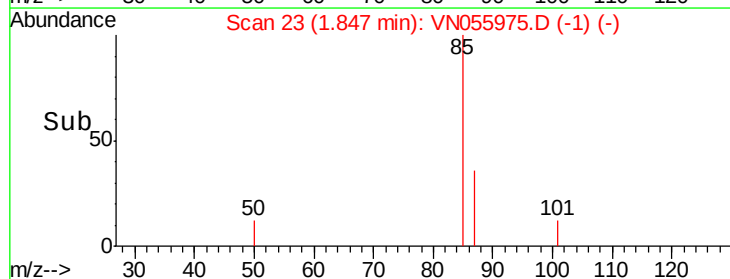
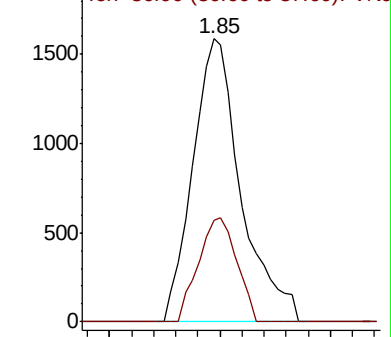
Ion Ratio Lower Upper

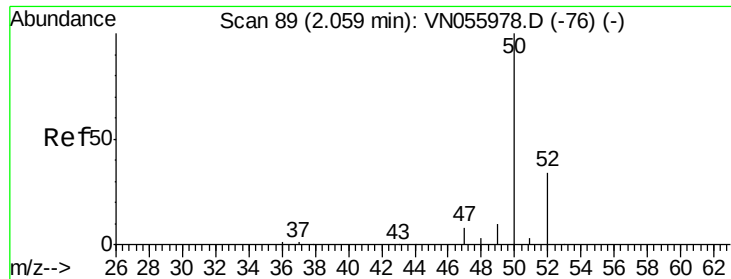
85 100

87 35.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

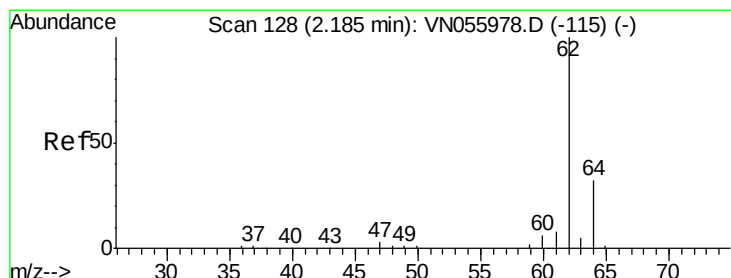
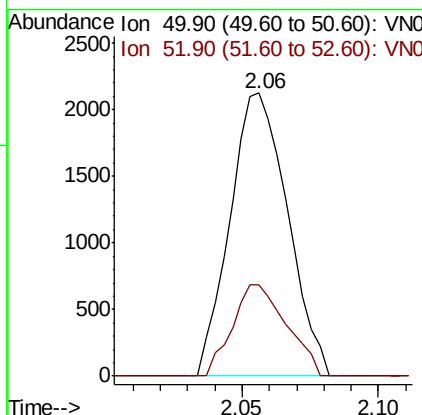
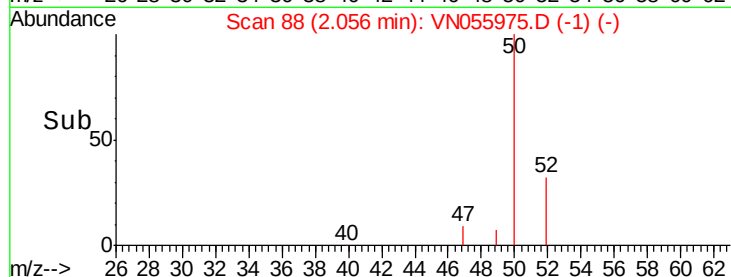
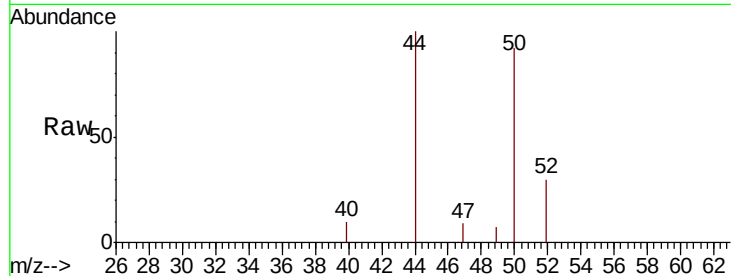




#3  
 Chloromethane  
 Concen: 0.865 ug/l  
 RT: 2.06 min Scan# 88  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

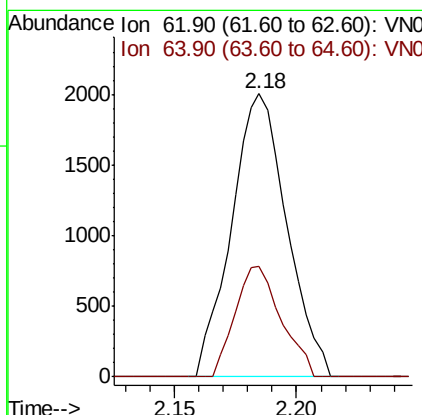
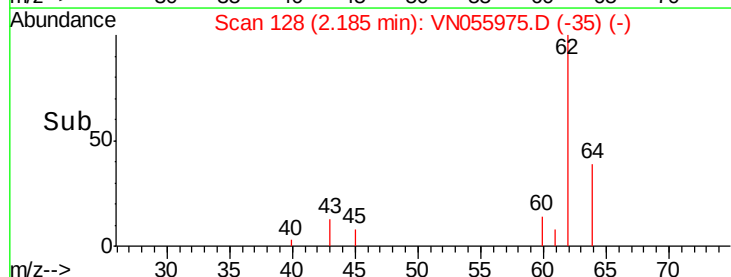
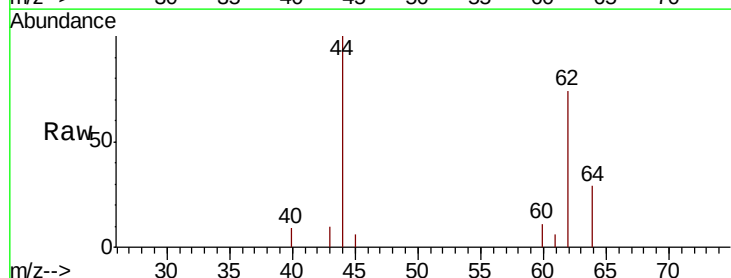
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

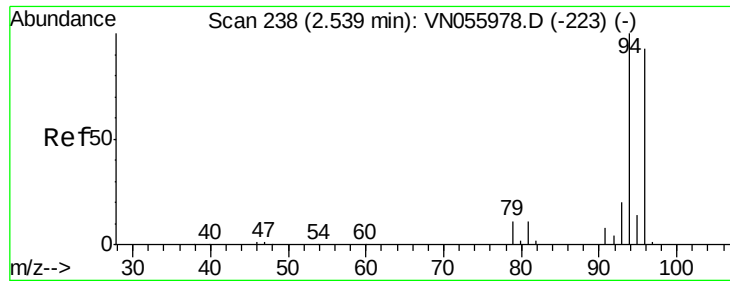
Tot Ion: 50 Resp: 3110  
 Ion Ratio Lower Upper  
 50 100  
 52 32.3 26.6 40.0



#4  
 Vinyl Chloride  
 Concen: 0.873 ug/l  
 RT: 2.18 min Scan# 128  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion: 62 Resp: 3150  
 Ion Ratio Lower Upper  
 62 100  
 64 39.2 25.6 38.4#

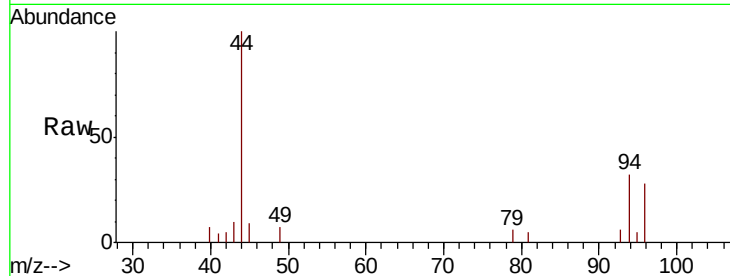




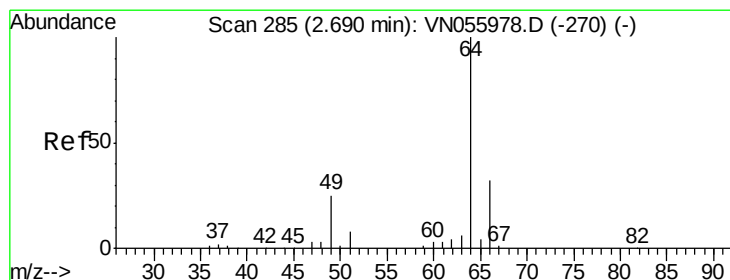
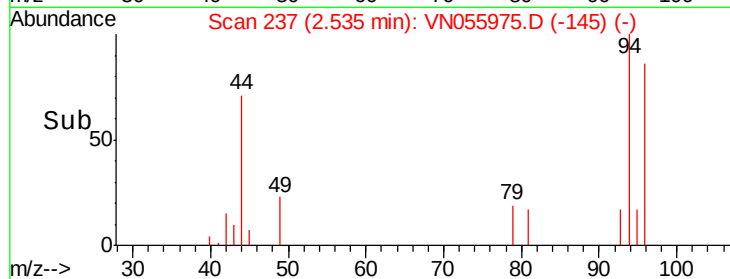
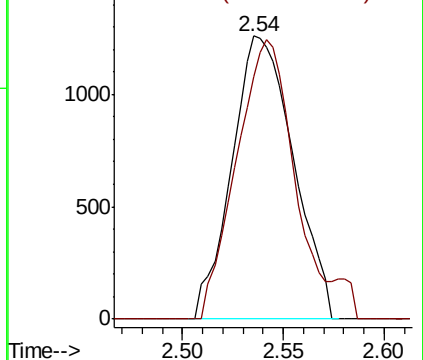
#5  
Bromomethane  
Concen: 1.175 ug/l  
RT: 2.54 min Scan# 237  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tot Ion: 94 Resp: 2678  
Ion Ratio Lower Upper  
94 100  
96 85.7 75.5 113.3

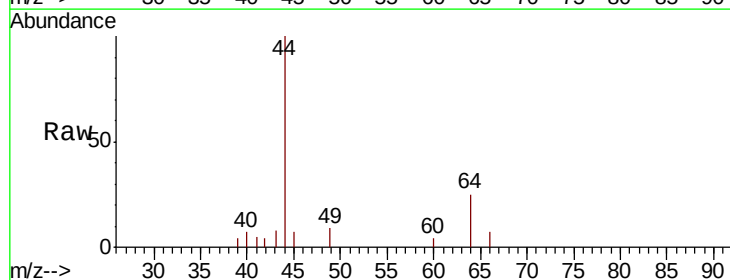


Abundance Ion 93.90 (93.60 to 94.60): VN0  
Ion 95.90 (95.60 to 96.60): VN0

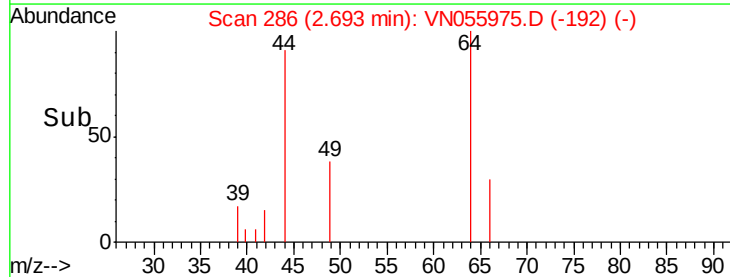
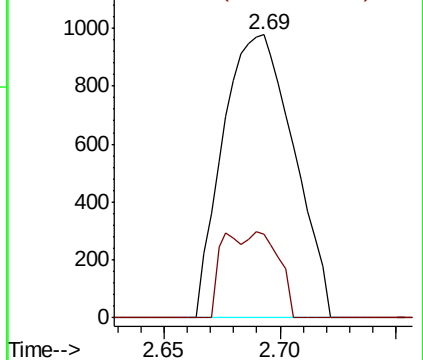


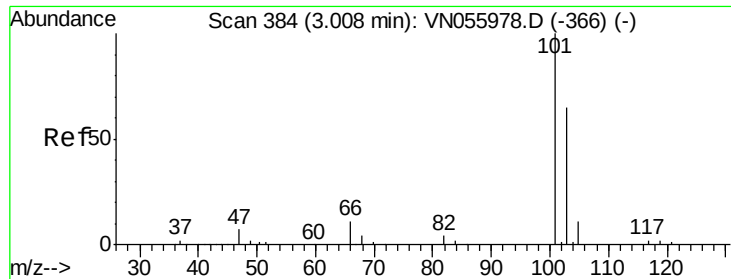
#6  
Chloroethane  
Concen: 0.991 ug/l  
RT: 2.69 min Scan# 286  
Delta R.T. 0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 64 Resp: 2073  
Ion Ratio Lower Upper  
64 100  
66 29.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0  
Ion 65.90 (65.60 to 66.60): VN0



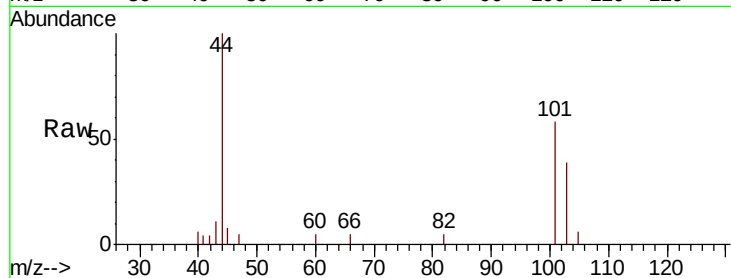


#7

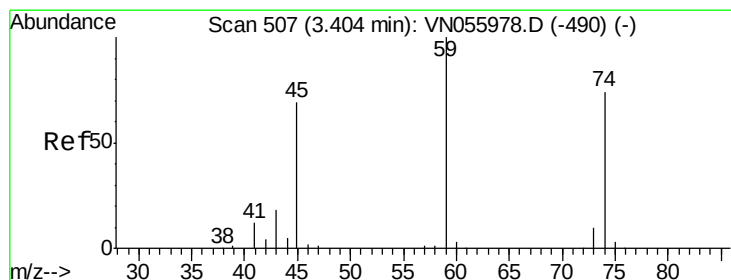
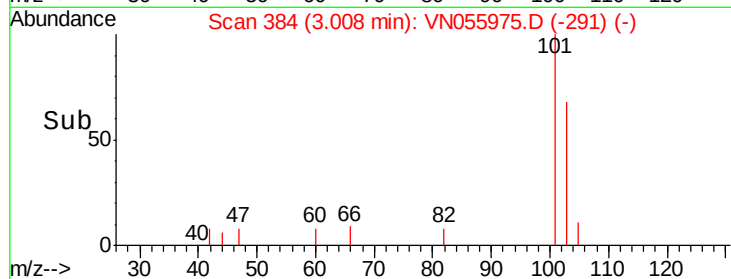
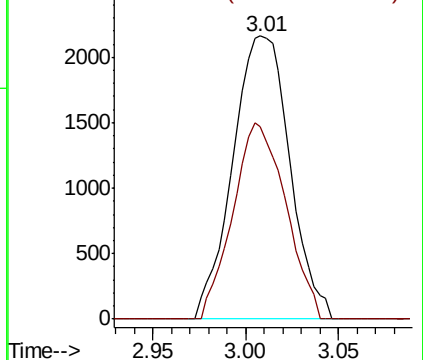
Trichlorofluoromethane  
 Concen: 1.002 ug/l  
 RT: 3.01 min Scan# 384  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tot Ion:101 Resp: 4615  
 Ion Ratio Lower Upper  
 101 100  
 103 68.0 51.2 76.8



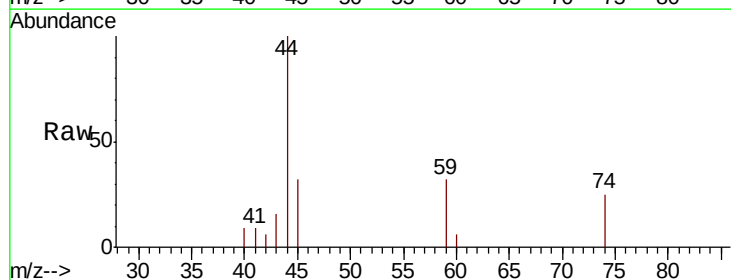
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



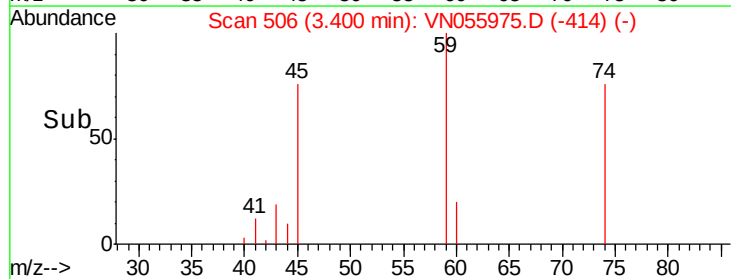
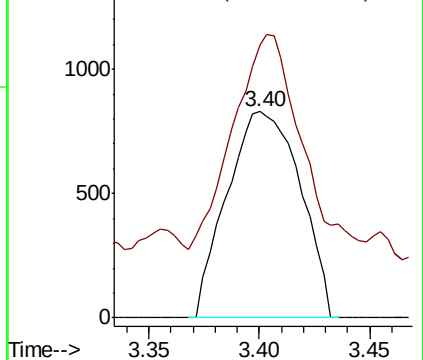
#8

Diethyl Ether  
 Concen: 1.006 ug/l  
 RT: 3.40 min Scan# 506  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

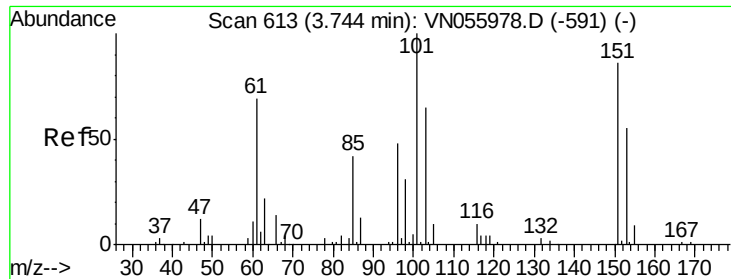
Tgt Ion: 74 Resp: 1906  
 Ion Ratio Lower Upper  
 74 100  
 45 94.6 48.6 145.9



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







#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.933 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

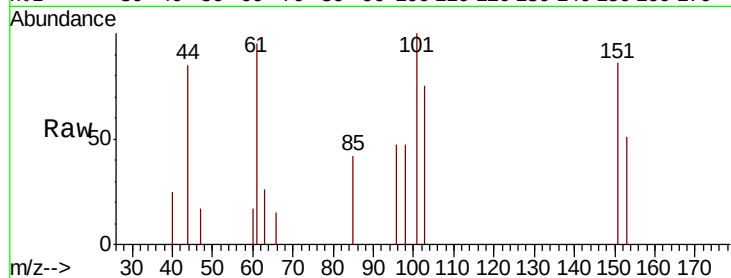
Tot Ion:101 Resp: 2610

Ion Ratio Lower Upper

101 100

85 25.7 33.4 50.2#

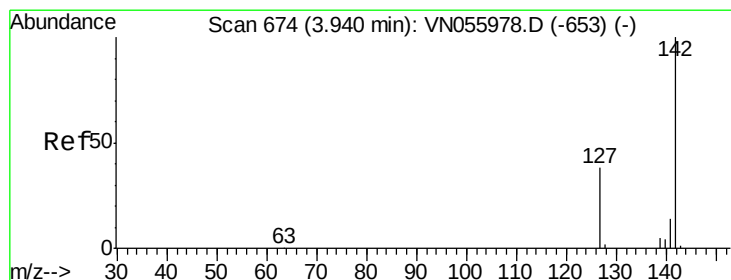
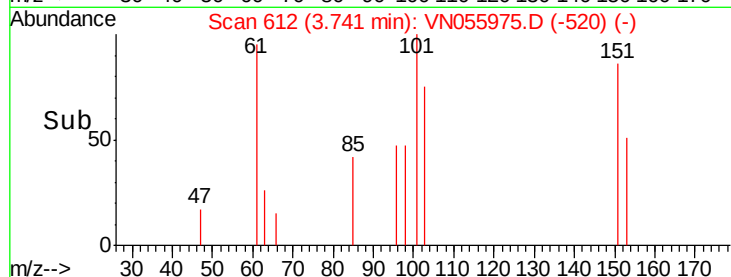
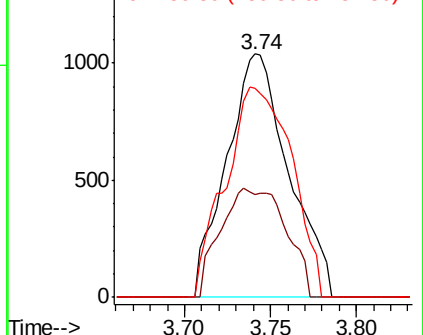
151 92.2 69.4 104.2



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: 0.802 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

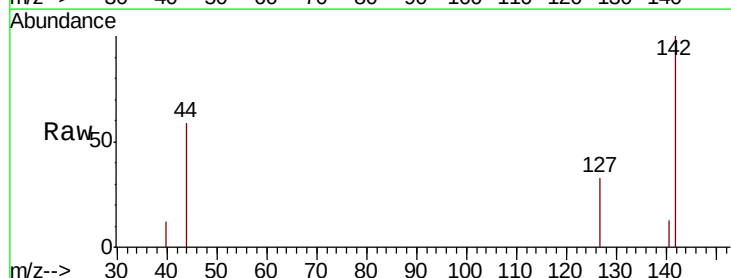
Tgt Ion:142 Resp: 3567

Ion Ratio Lower Upper

142 100

127 35.3 31.0 46.4

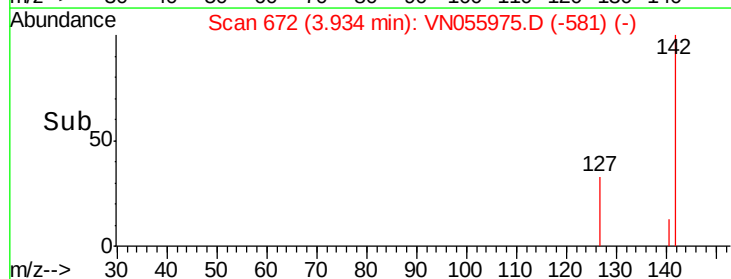
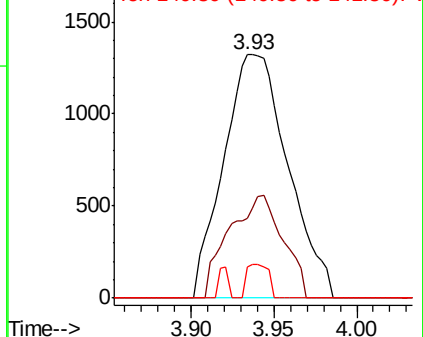
141 4.7 11.4 17.0#

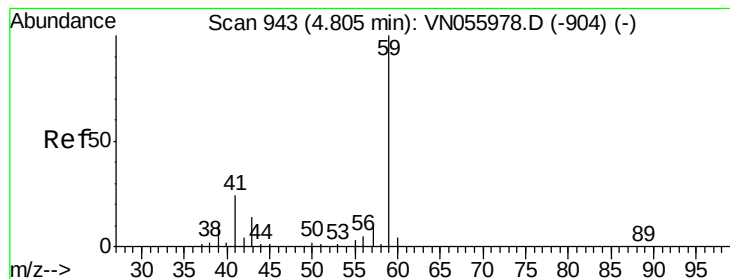


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 3.776 ug/l

RT: 4.80 min Scan# 940

Delta R.T. -0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

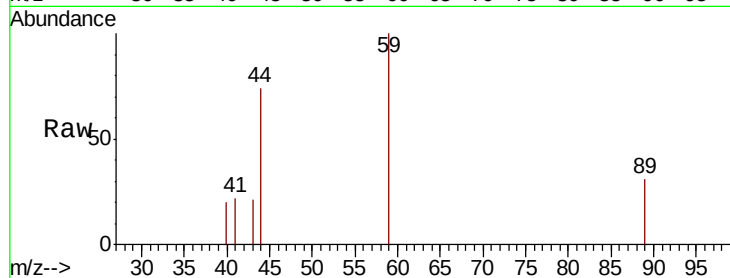
VSTDIC001

Tot Ion: 59 Resp: 2165

Ion Ratio Lower Upper

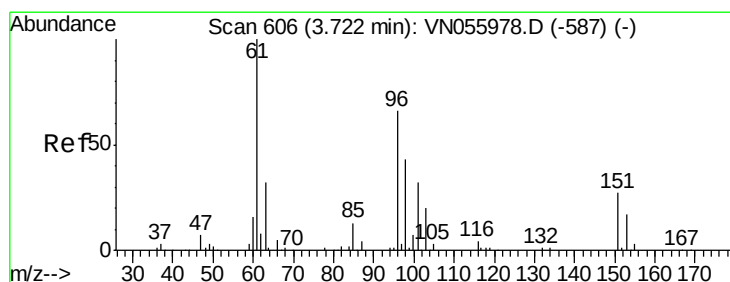
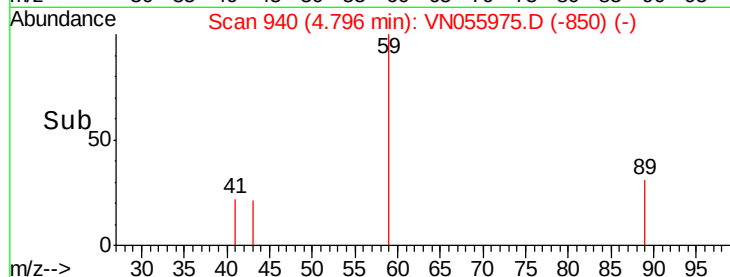
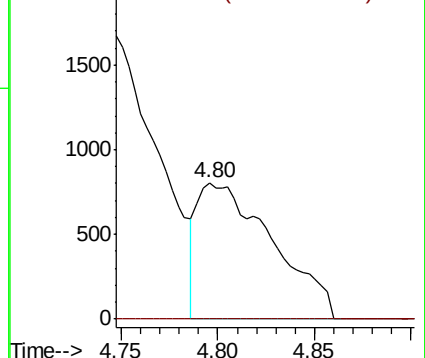
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 0.864 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

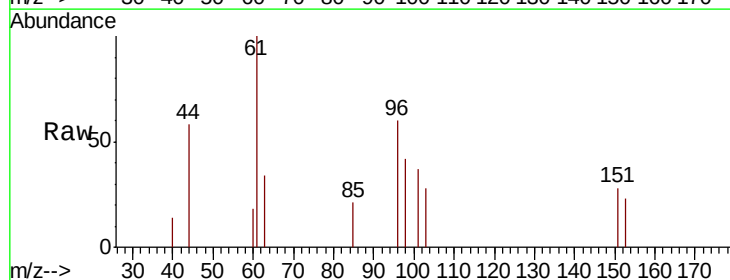
Tgt Ion: 96 Resp: 2406

Ion Ratio Lower Upper

96 100

61 167.8 123.2 184.8

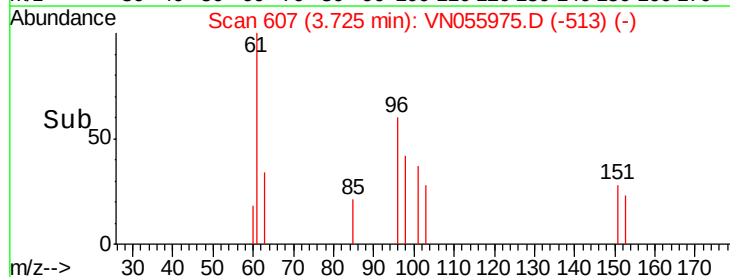
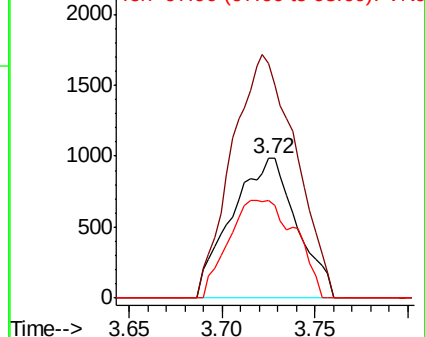
98 69.6 50.4 75.6

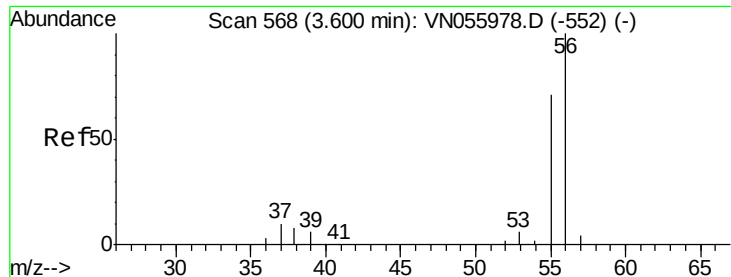


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 5.407 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

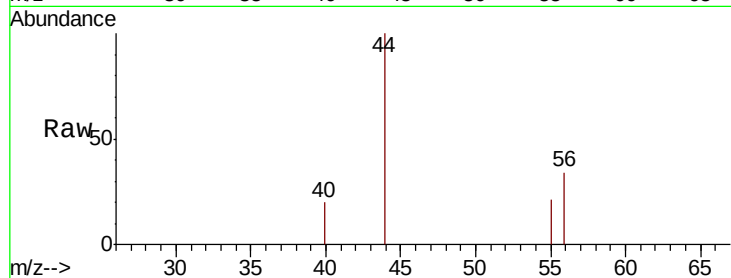
VSTDIC001

Tot Ion: 56 Resp: 894

Ion Ratio Lower Upper

56 100

55 66.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

400

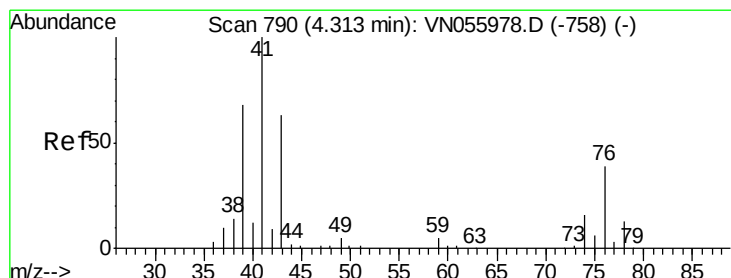
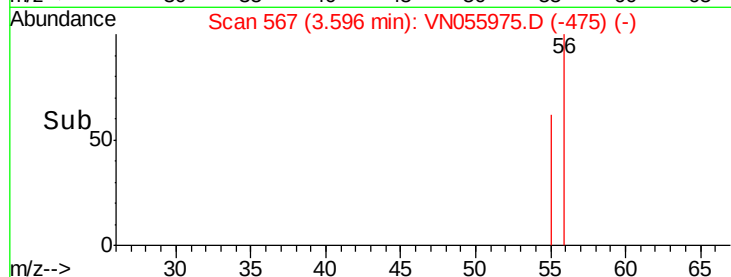
300

200

100

0

Time-->



#14

Allyl chloride

Concen: 0.469 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.02 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

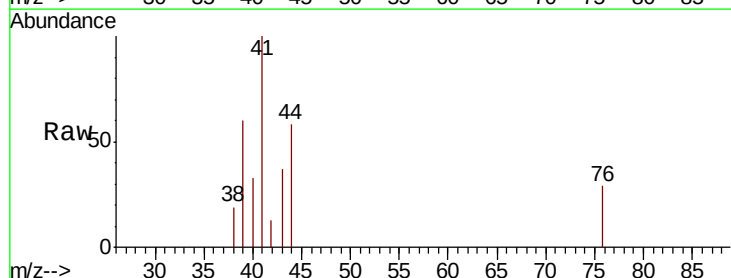
Tgt Ion: 41 Resp: 2061

Ion Ratio Lower Upper

41 100

39 124.3 50.0 75.0#

76 57.8 28.2 42.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

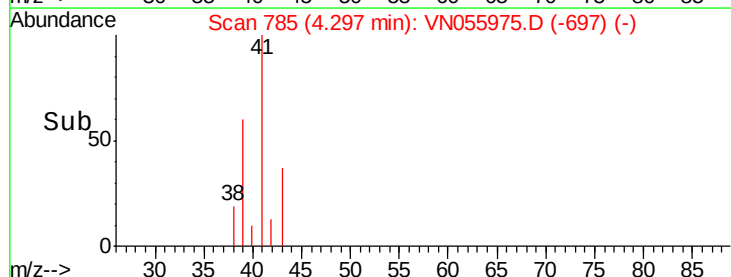
1500

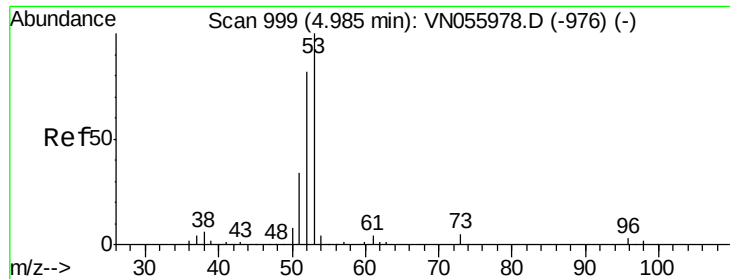
1000

500

0

Time-->





#15

Acrylonitrile

Concen: 3.987 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.02 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

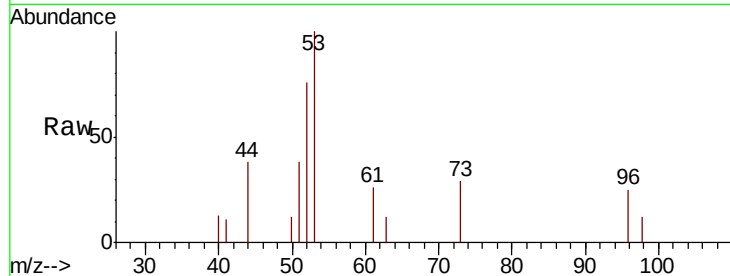
Tot Ion: 53 Resp: 5564

Ion Ratio Lower Upper

53 100

52 88.8 65.8 98.8

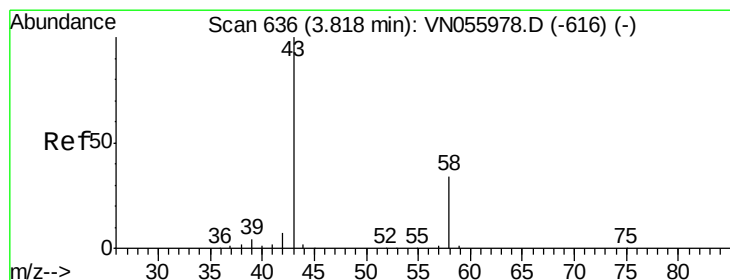
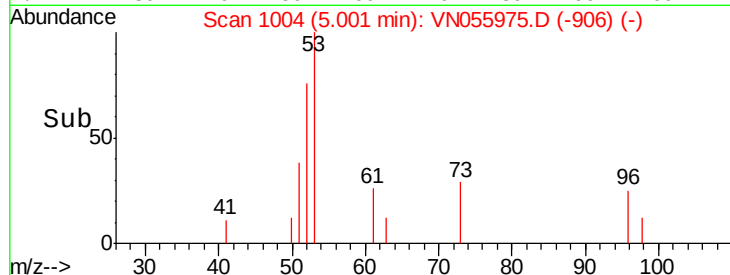
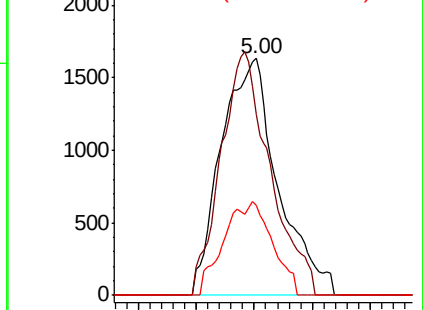
51 16.0 28.2 42.4#



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: 5.212 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN055975.D

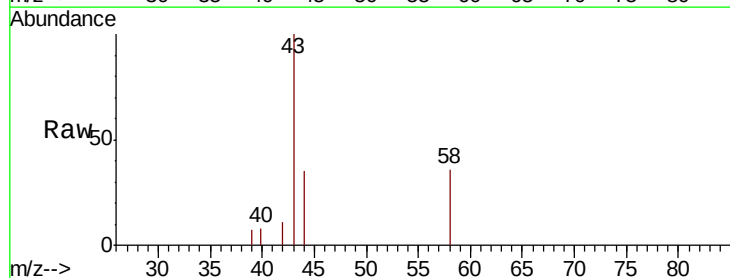
Acq: 4 Jun 2019 8:22

Tgt Ion: 43 Resp: 8212

Ion Ratio Lower Upper

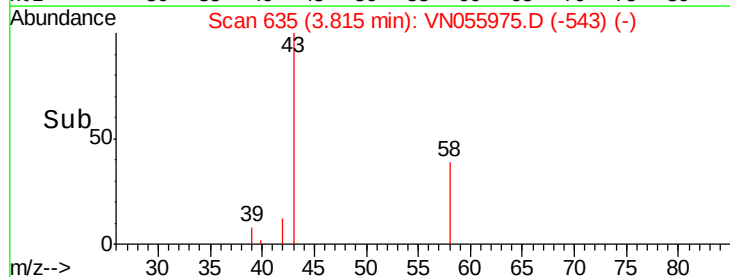
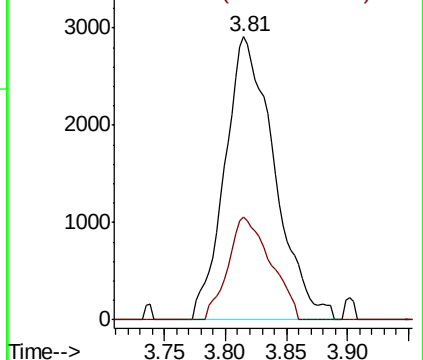
43 100

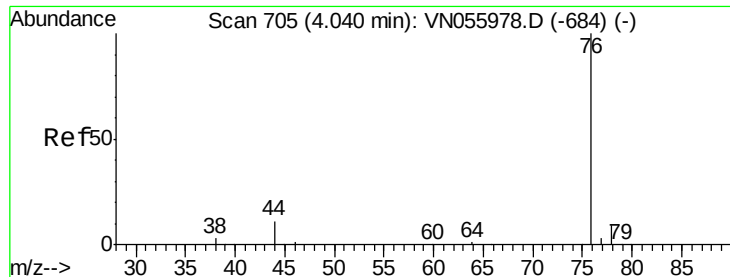
58 36.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

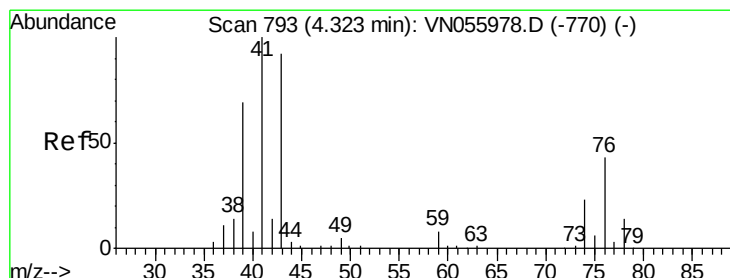
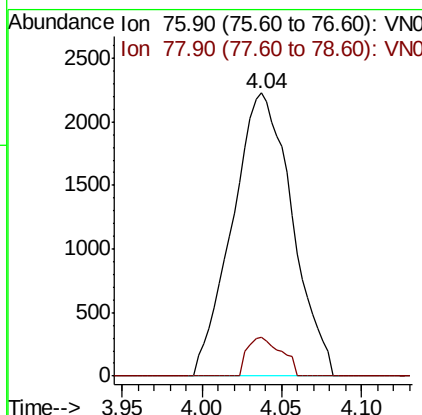
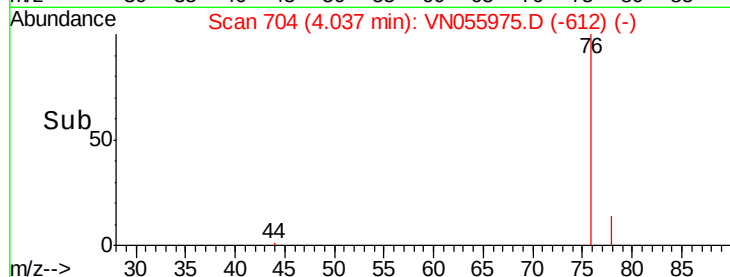
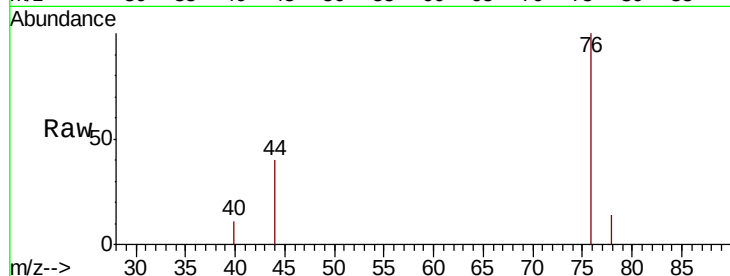




#17  
Carbon Disulfide  
Concen: 0.854 ug/l  
RT: 4.04 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

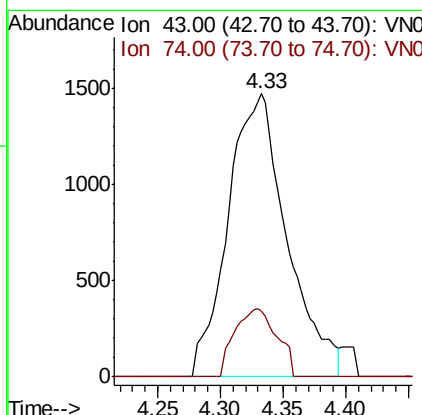
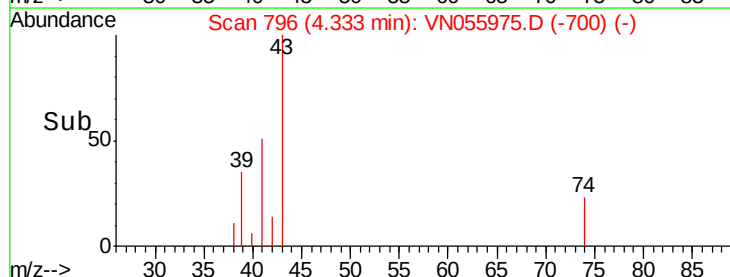
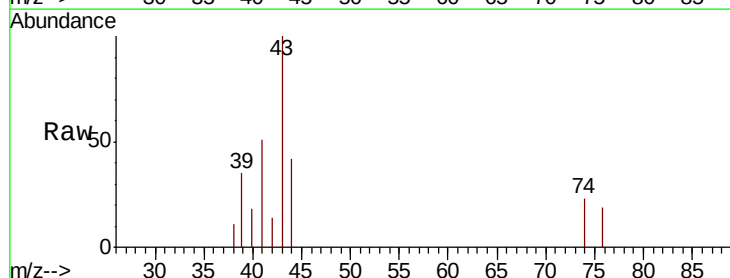
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

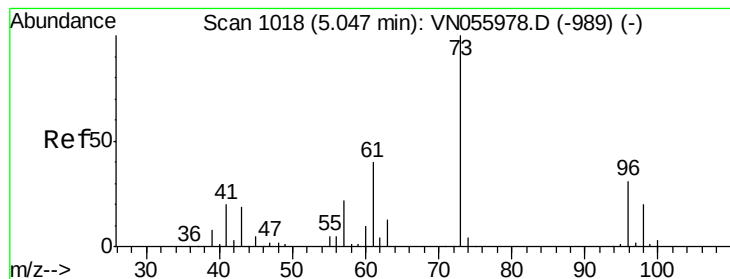
Tot Ion: 76 Resp: 5693  
Ion Ratio Lower Upper  
76 100  
78 13.6 7.4 11.2#



#18  
Methyl Acetate  
Concen: 0.989 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 43 Resp: 4816  
Ion Ratio Lower Upper  
43 100  
74 17.3 19.3 28.9#



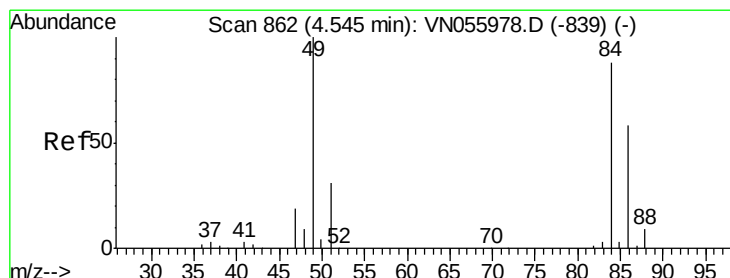
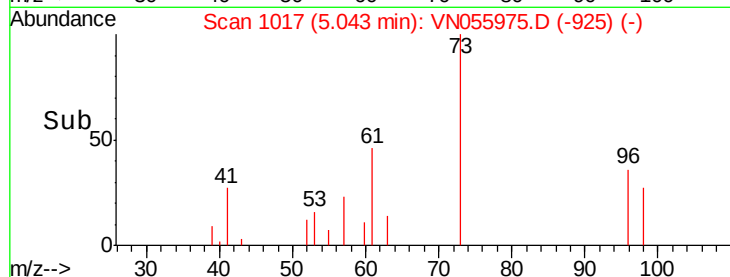
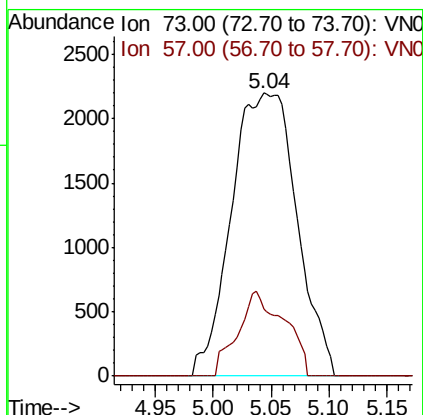
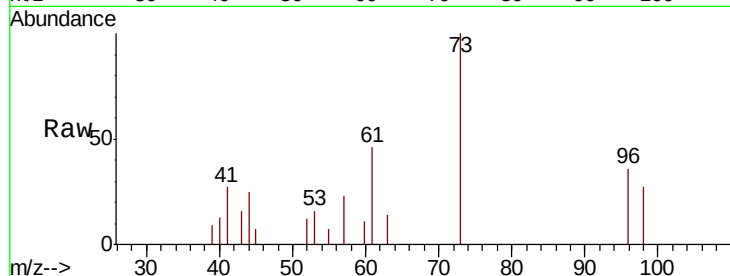


#19

Methyl tert-butyl Ether  
 Concen: 0.969 ug/l  
 RT: 5.04 min Scan# 1017  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

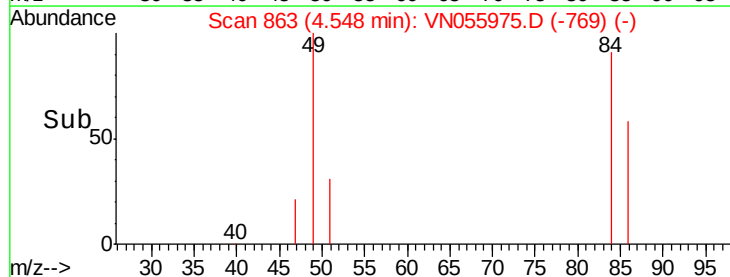
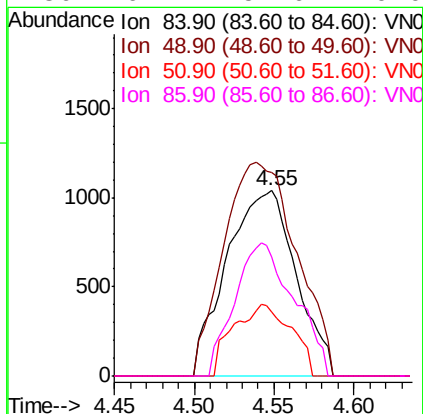
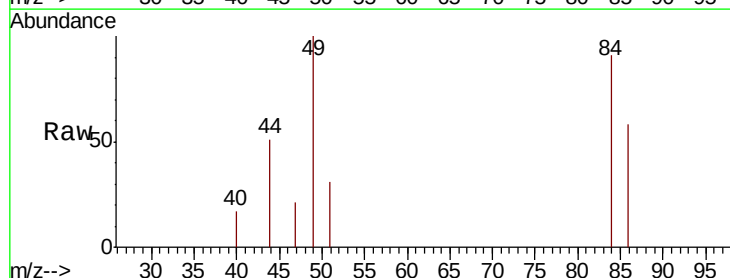
Tot Ion: 73 Resp: 8602  
 Ion Ratio Lower Upper  
 73 100  
 57 23.5 17.8 26.8

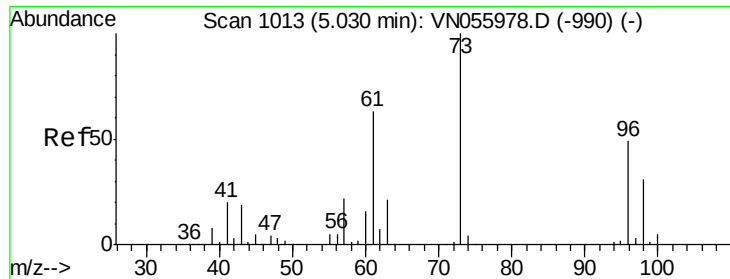


#20

Methylene Chloride  
 Concen: 0.957 ug/l  
 RT: 4.55 min Scan# 863  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion: 84 Resp: 3107  
 Ion Ratio Lower Upper  
 84 100  
 49 109.8 93.5 140.3  
 51 34.3 28.6 43.0  
 86 64.2 52.6 79.0

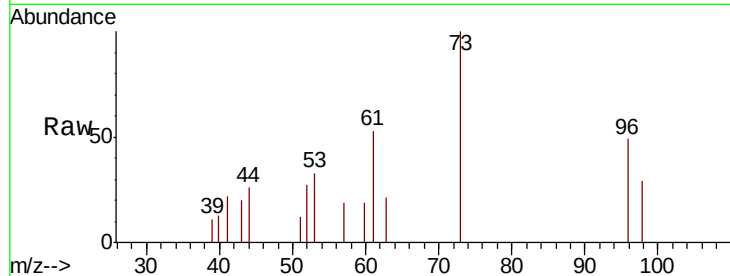




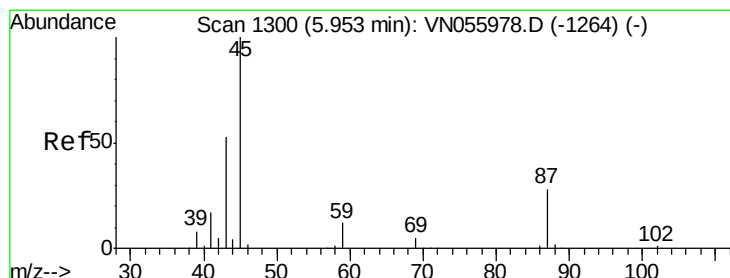
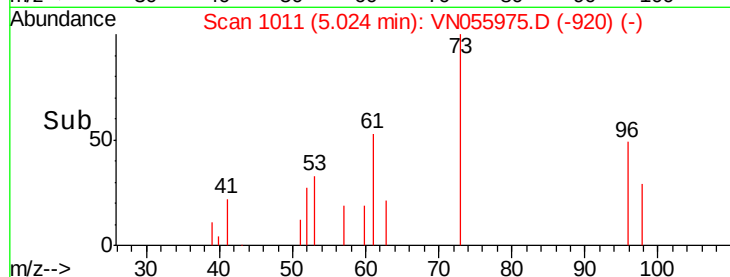
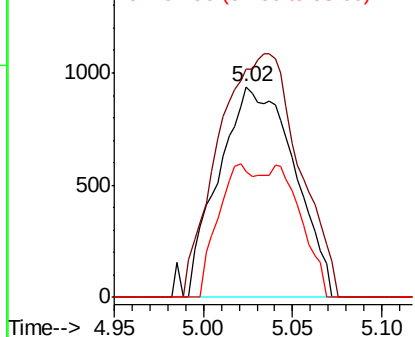
#21  
trans-1,2-Dichloroethene  
Concen: 0.924 ug/l  
RT: 5.02 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tot Ion: 96 Resp: 2758  
Ion Ratio Lower Upper  
96 100  
61 108.3 107.8 161.8  
98 59.4 49.8 74.8

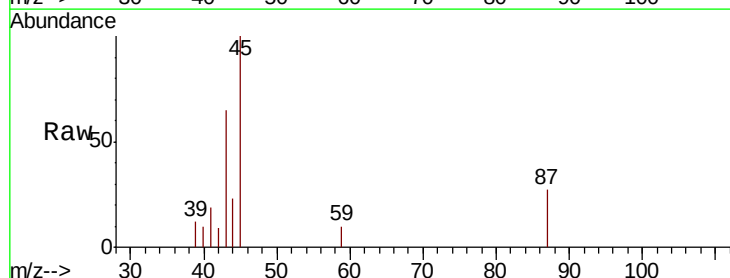


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

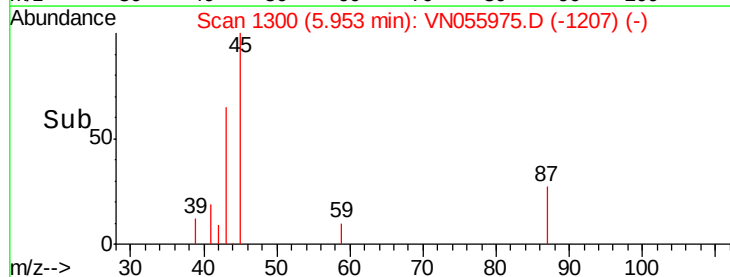
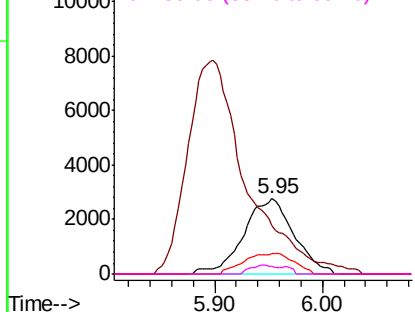


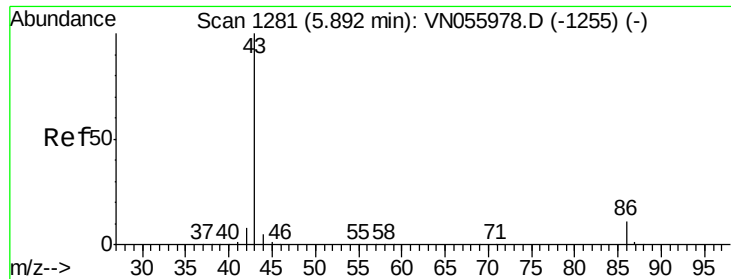
#22  
Diisopropyl ether  
Concen: 0.985 ug/l  
RT: 5.95 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 45 Resp: 8953  
Ion Ratio Lower Upper  
45 100  
43 54.0 45.0 67.6  
87 26.6 22.2 33.4  
59 9.7 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 4.156 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

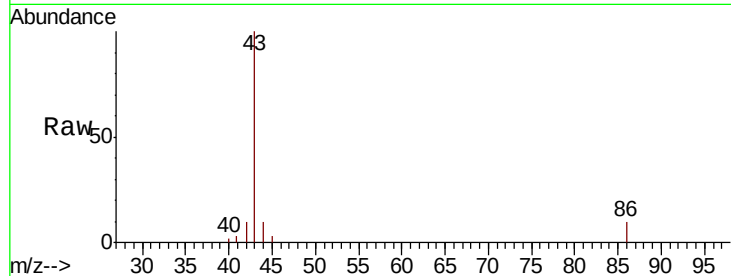
VSTDIC001

Tot Ion: 43 Resp: 29754

Ion Ratio Lower Upper

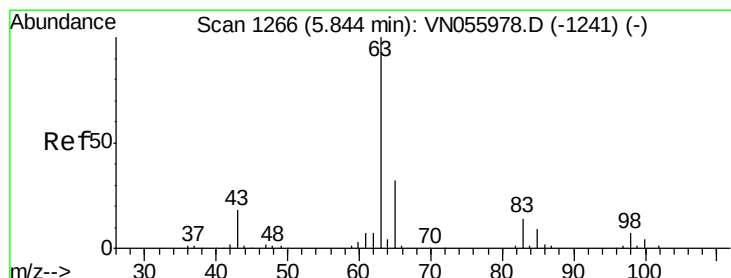
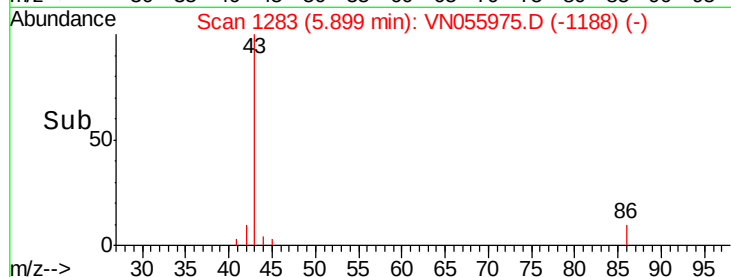
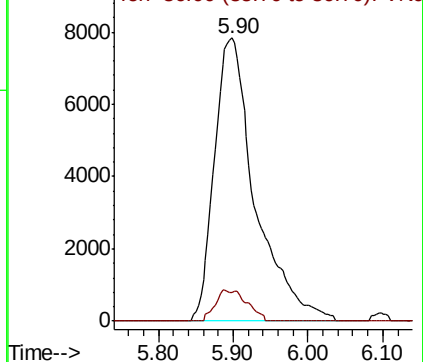
43 100

86 10.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.933 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

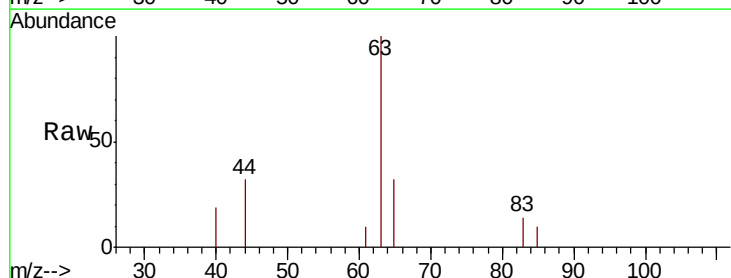
Tgt Ion: 63 Resp: 4892

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

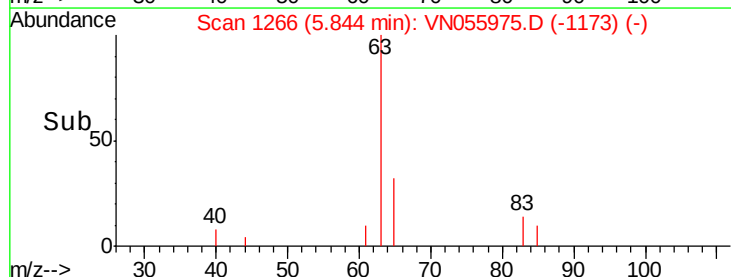
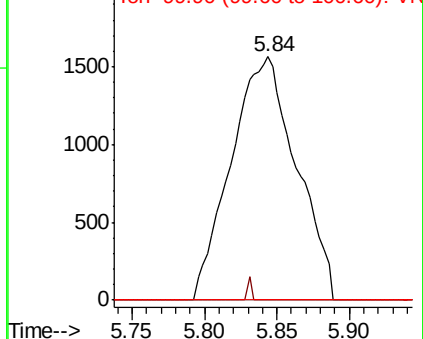
100 0.0 2.2 6.6#



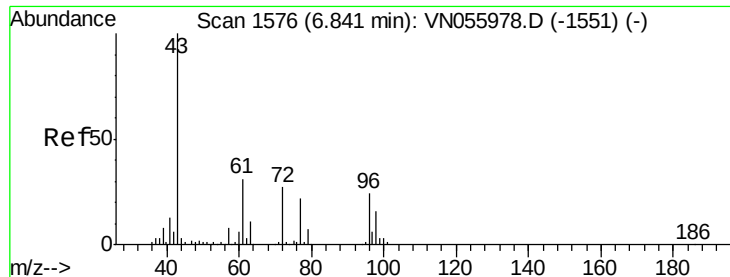
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0







#25

2-Butanone

Concen: 4.382 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

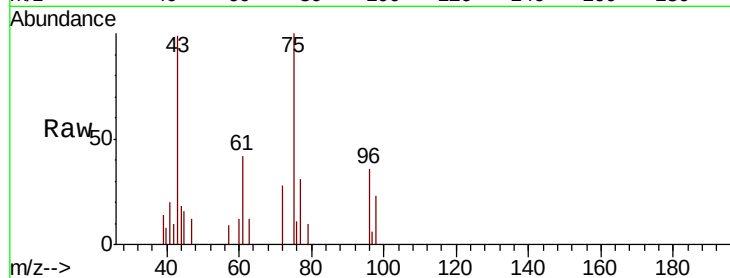
VSTDIC001

Tot Ion: 43 Resp: 8724

Ion Ratio Lower Upper

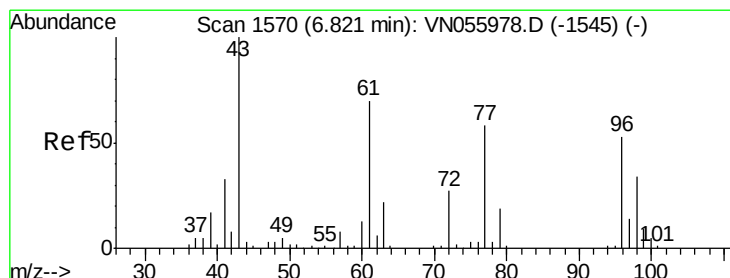
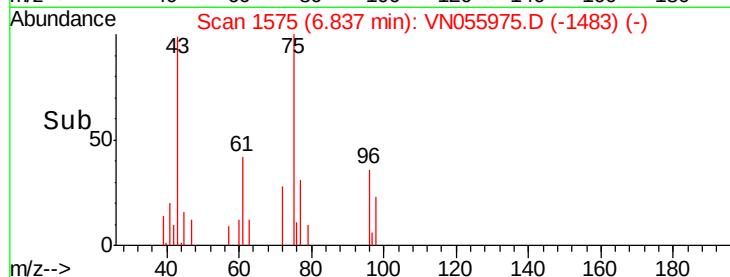
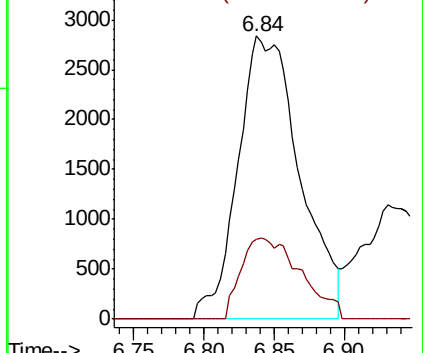
43 100

72 28.2 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 0.984 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN055975.D

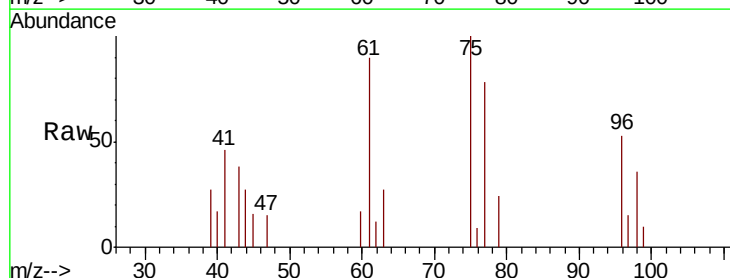
Acq: 4 Jun 2019 8:22

Tgt Ion: 77 Resp: 4028

Ion Ratio Lower Upper

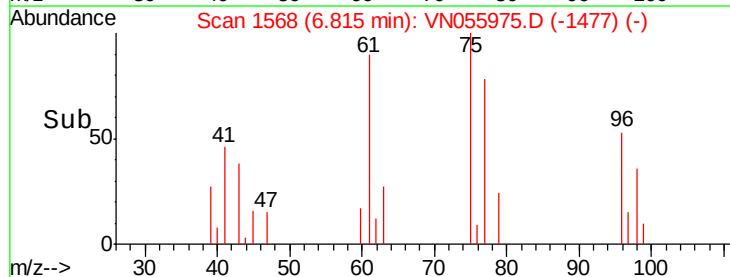
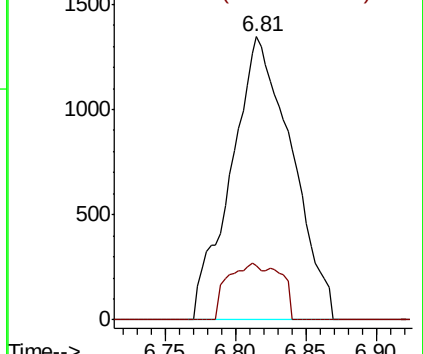
77 100

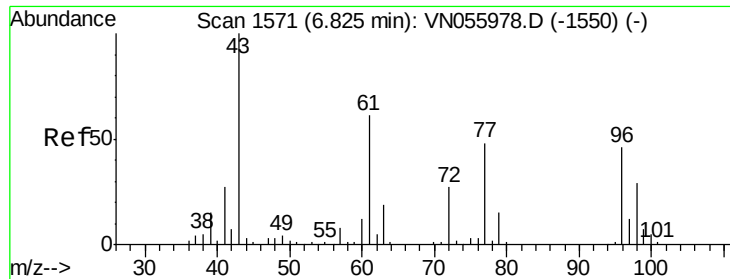
97 12.1 12.2 36.6#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.928 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

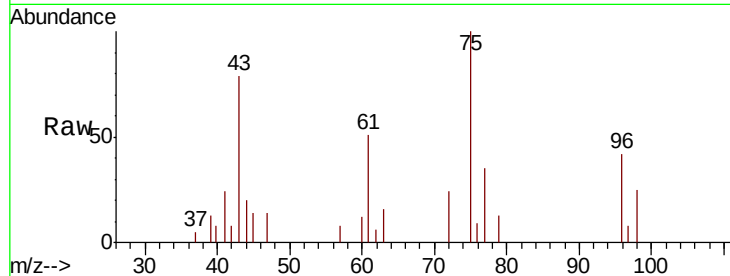
Tot Ion: 96 Resp: 3256

Ion Ratio Lower Upper

96 100

61 142.0 0.0 275.8

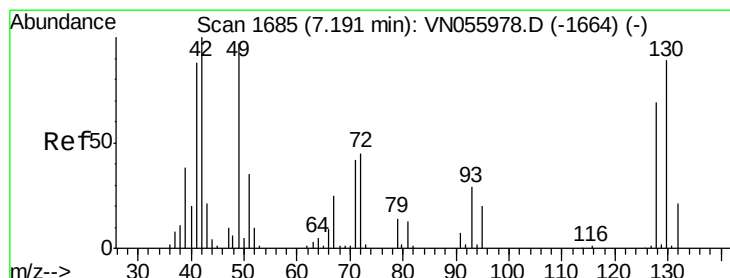
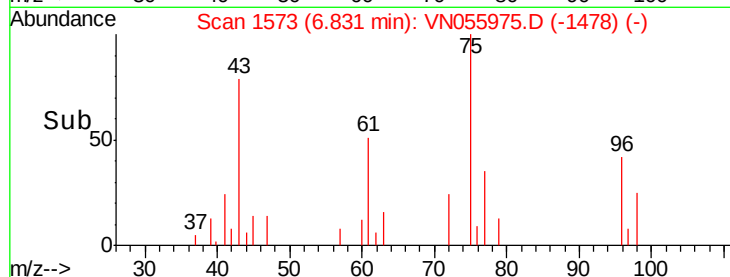
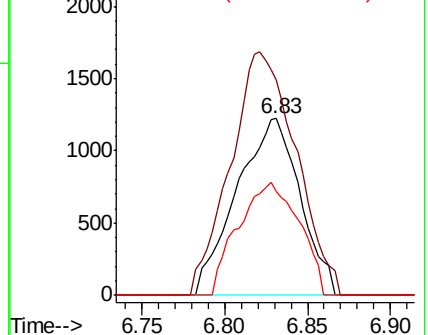
98 60.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.947 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

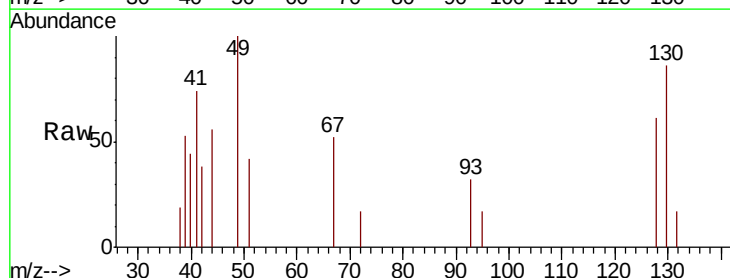
Tgt Ion: 49 Resp: 2349

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

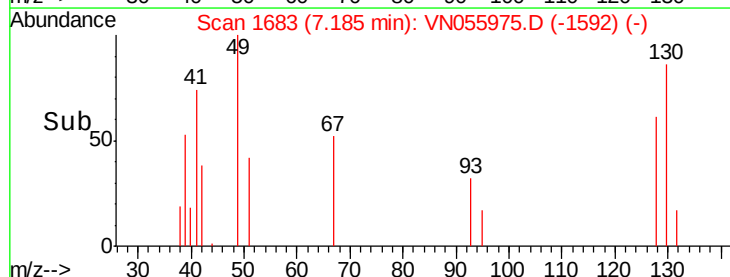
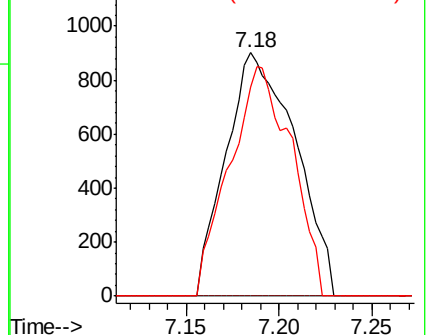
130 83.9 71.2 106.8

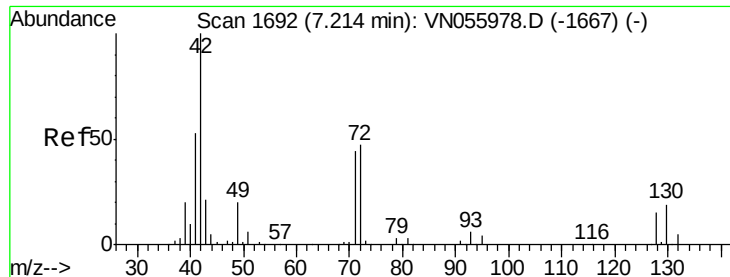


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

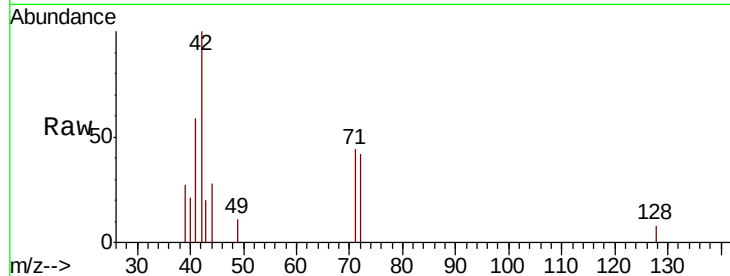




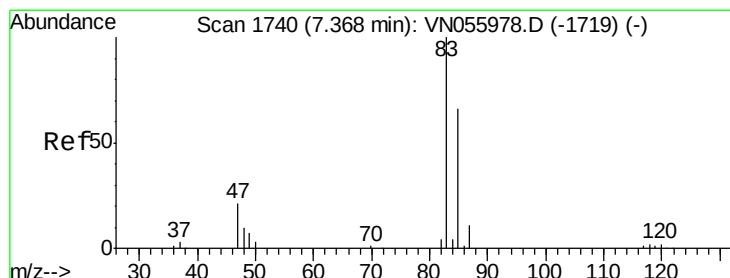
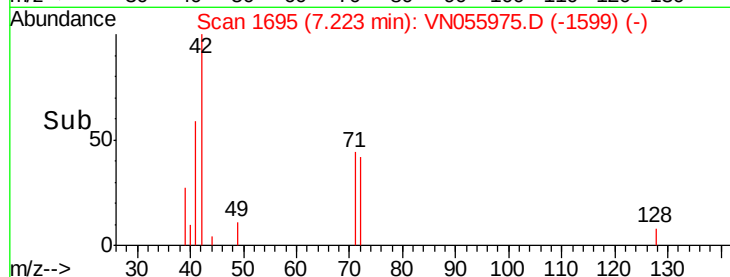
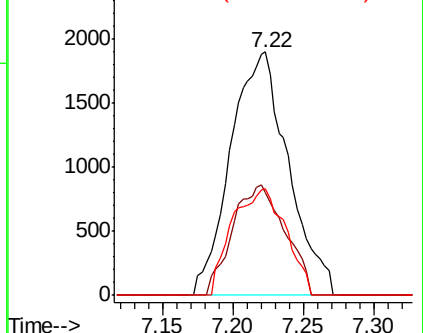
#29  
Tetrahydrofuran  
Concen: 4.409 ug/l  
RT: 7.22 min Scan# 1695  
Delta R.T. 0.01 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion: 42 Resp: 5426  
Ion Ratio Lower Upper  
42 100  
72 41.2 35.9 53.9  
71 40.7 34.0 51.0

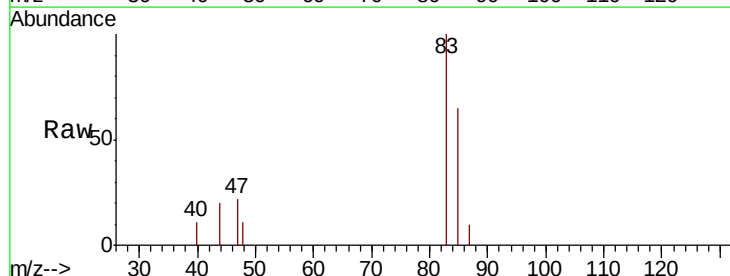


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

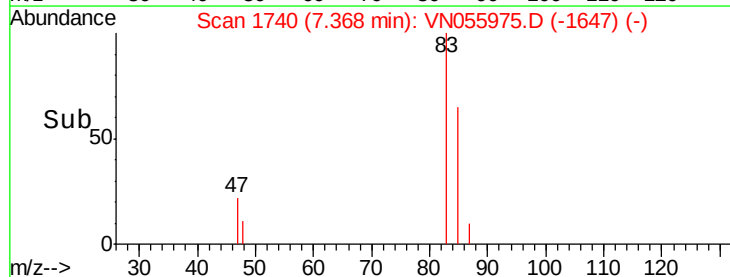
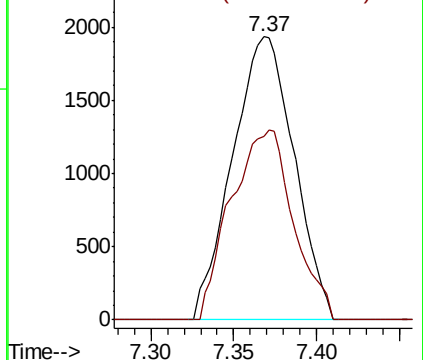


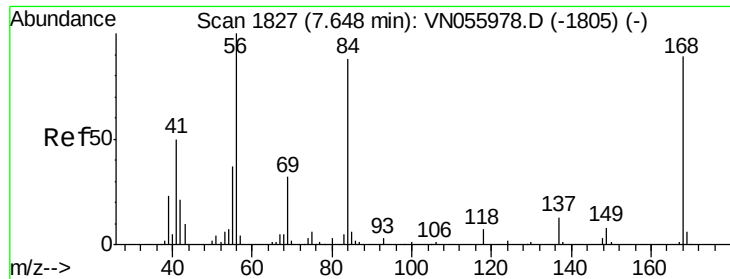
#30  
Chloroform  
Concen: 0.947 ug/l  
RT: 7.37 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 83 Resp: 4994  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.8 77.8



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

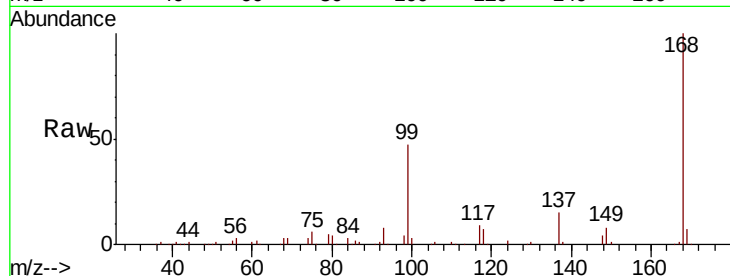




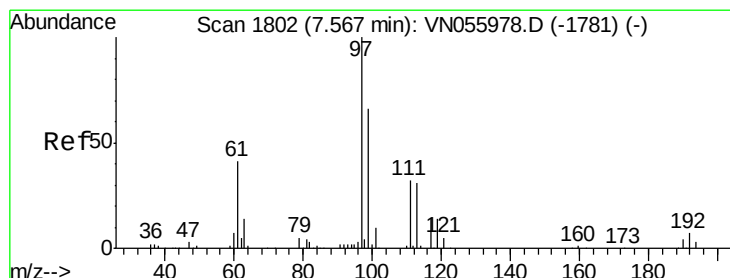
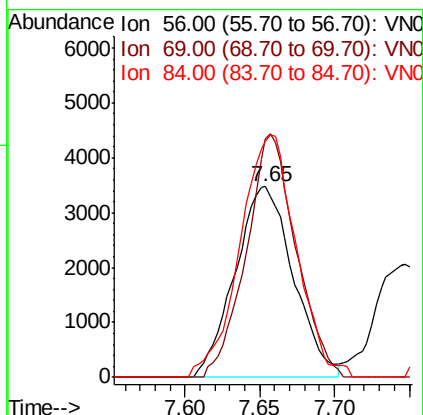
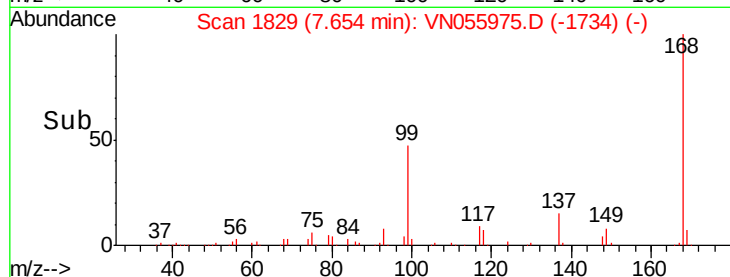
#31  
Cyclohexane  
Concen: 1.808 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. 0.01 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion: 56 Resp: 9453  
Ion Ratio Lower Upper  
56 100  
69 125.1 25.6 38.4#  
84 124.0 67.4 101.0#

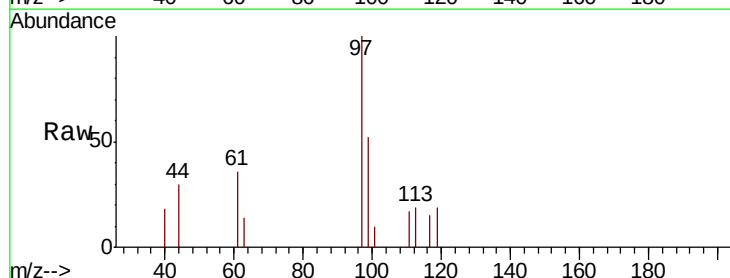


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

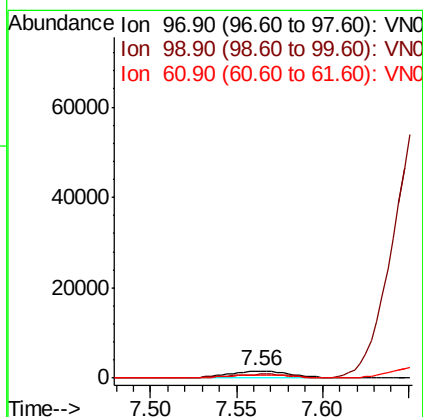
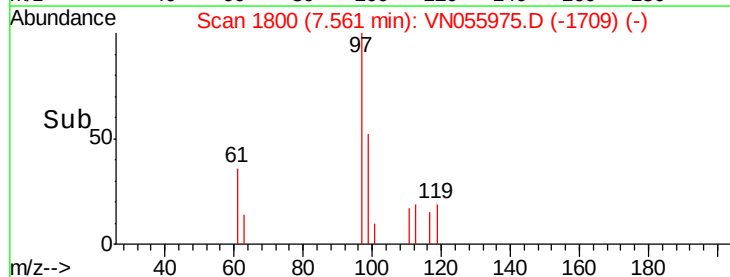


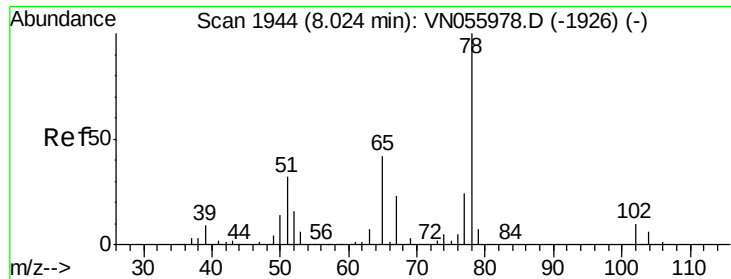
#32  
1,1,1-Trichloroethane  
Concen: 0.897 ug/l  
RT: 7.56 min Scan# 1800  
Delta R.T. -0.01 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 97 Resp: 3953  
Ion Ratio Lower Upper  
97 100  
99 0.0 52.0 78.0#  
61 18.7 32.9 49.3#



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0

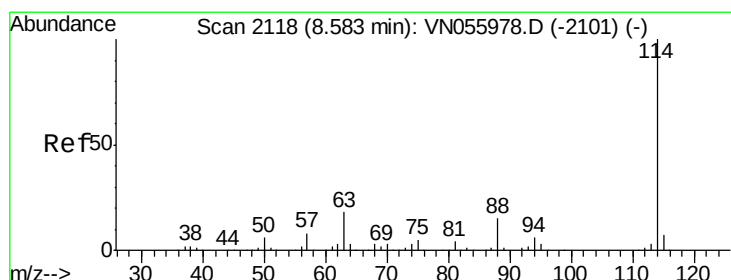
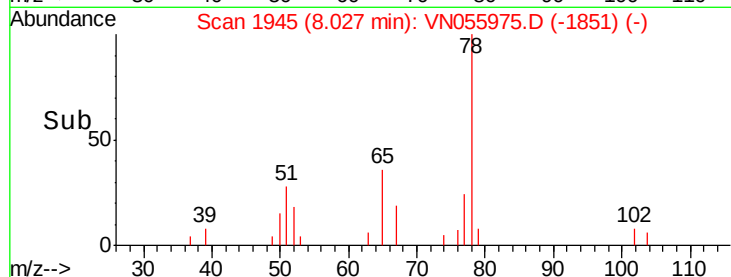
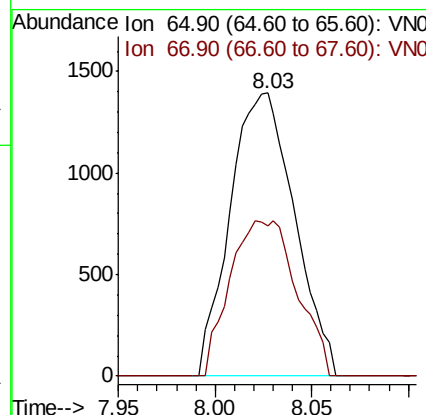
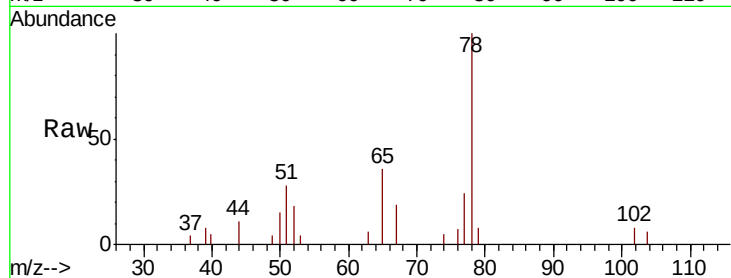




#33  
 1,2-Dichloroethane-d4  
 Concen: 0.980 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

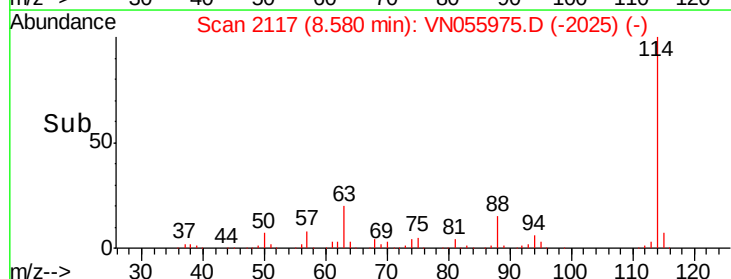
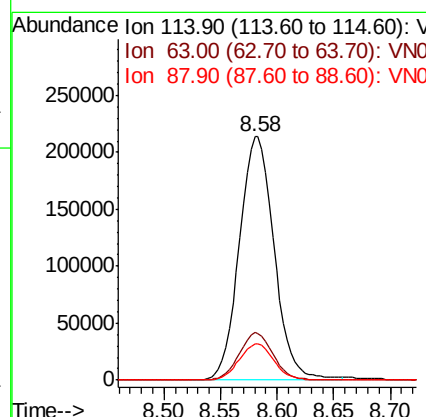
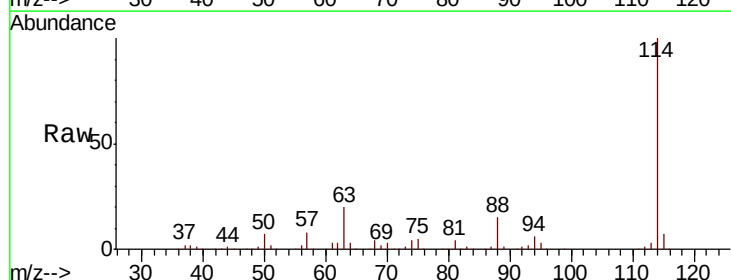
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

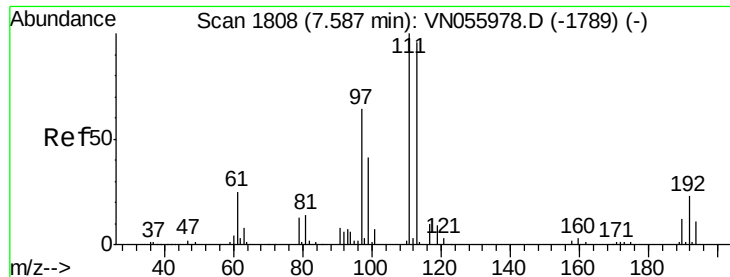
Tot Ion: 65 Resp: 3227  
 Ion Ratio Lower Upper  
 65 100  
 67 57.0 0.0 109.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion: 114 Resp: 458990  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 39.2  
 88 14.8 0.0 31.0

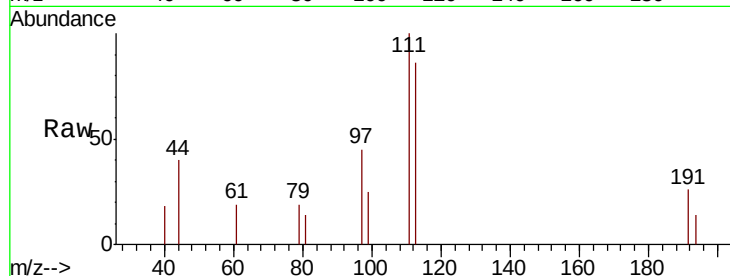




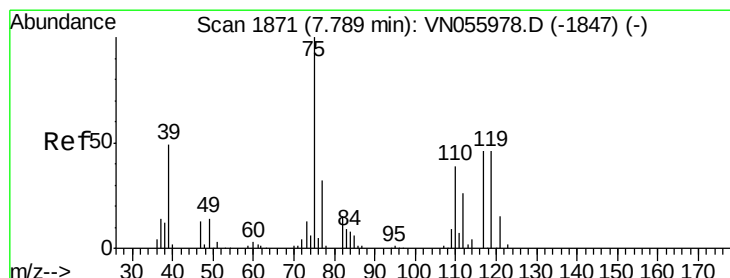
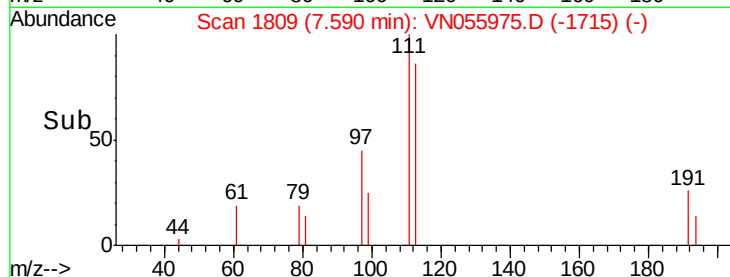
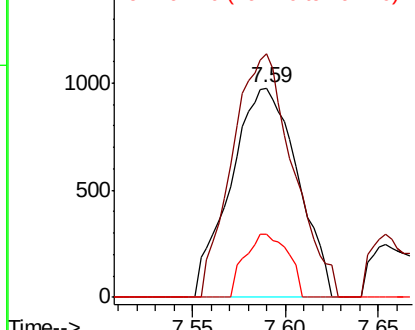
#35  
 Dibromofluoromethane  
 Concen: 0.870 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

Tot Ion:113 Resp: 2451  
 Ion Ratio Lower Upper  
 113 100  
 111 106.1 81.9 122.9  
 192 19.5 19.5 29.3

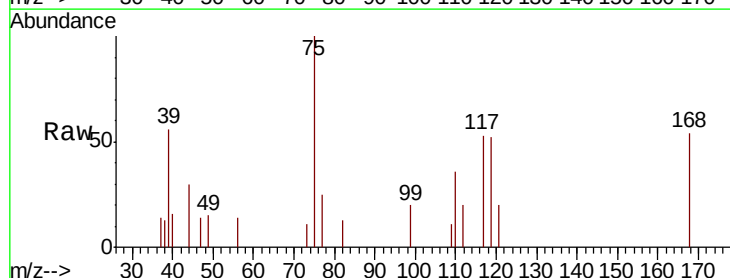


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

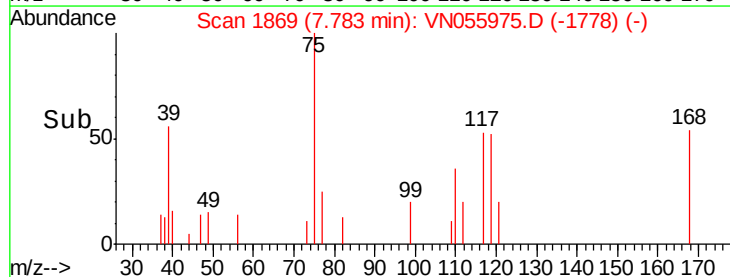
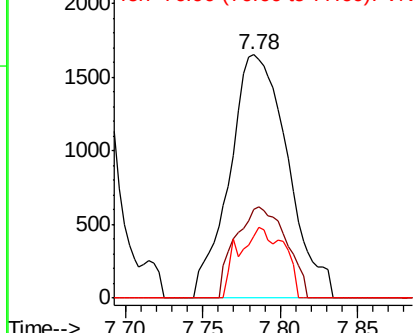


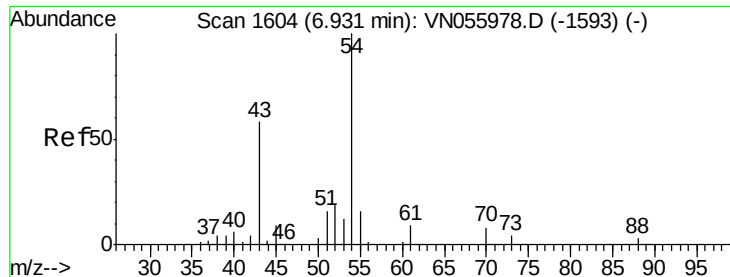
#36  
 1,1-Dichloropropene  
 Concen: 1.093 ug/l  
 RT: 7.78 min Scan# 1869  
 Delta R.T. -0.01 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion: 75 Resp: 4312  
 Ion Ratio Lower Upper  
 75 100  
 110 32.7 19.0 57.0  
 77 22.3 25.1 37.7#



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

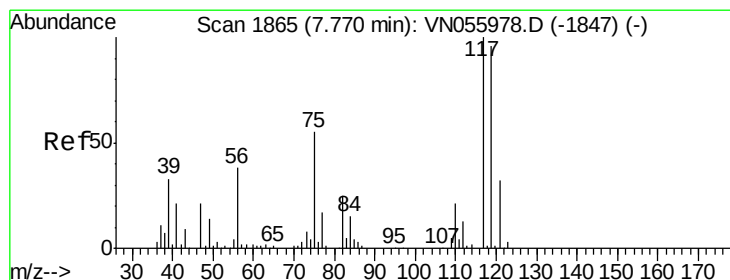
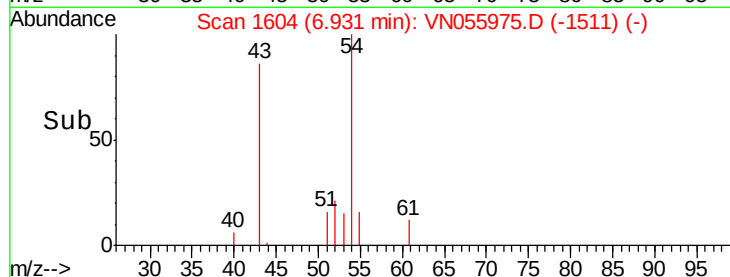
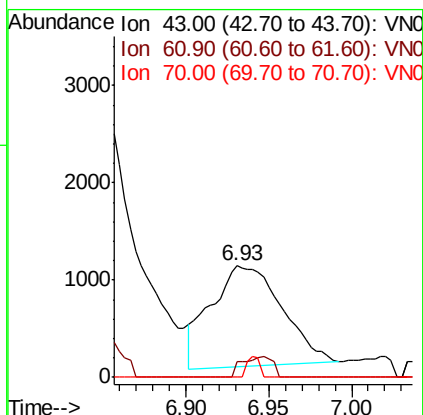
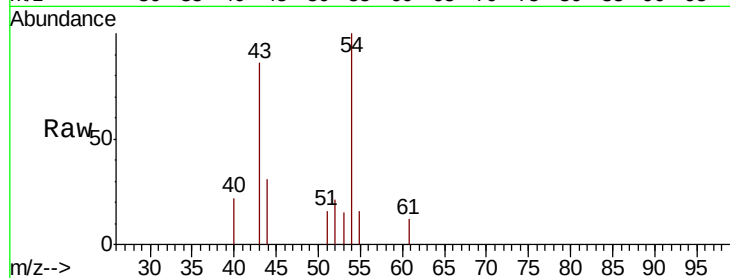




#37  
Ethyl Acetate  
Concen: 0.879 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

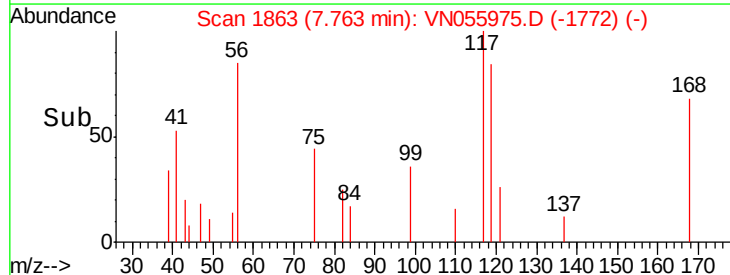
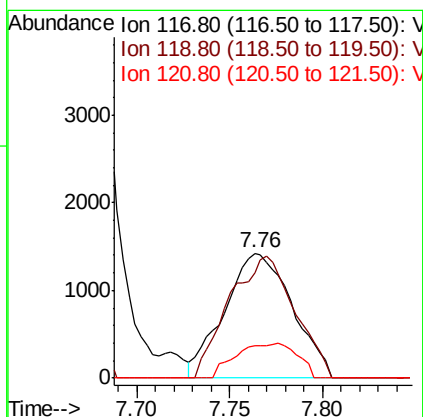
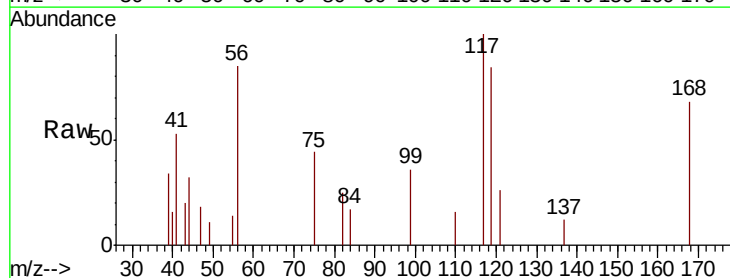
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

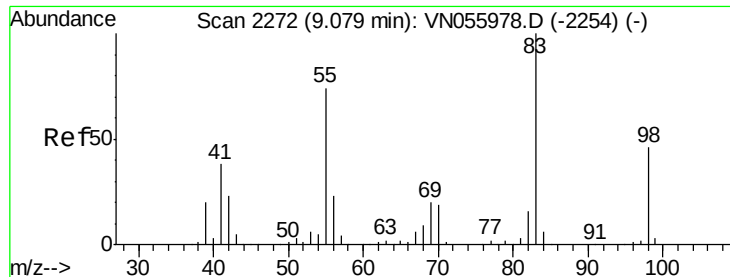
Tot Ion: 43 Resp: 3086  
Ion Ratio Lower Upper  
43 100  
61 9.0 12.2 18.2#  
70 3.6 8.9 13.3#



#38  
Carbon Tetrachloride  
Concen: 0.993 ug/l  
RT: 7.76 min Scan# 1863  
Delta R.T. -0.01 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 117 Resp: 3612  
Ion Ratio Lower Upper  
117 100  
119 84.3 79.0 118.6  
121 25.9 24.7 37.1

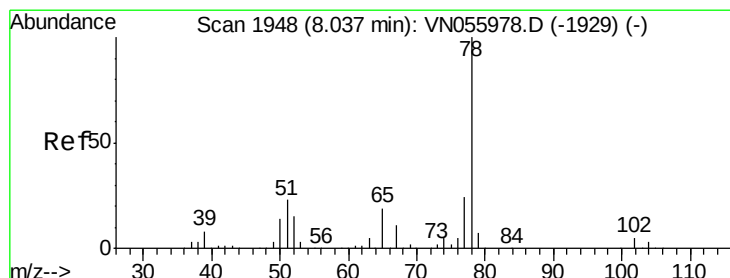
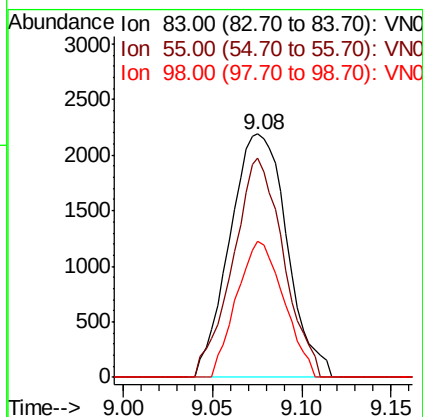
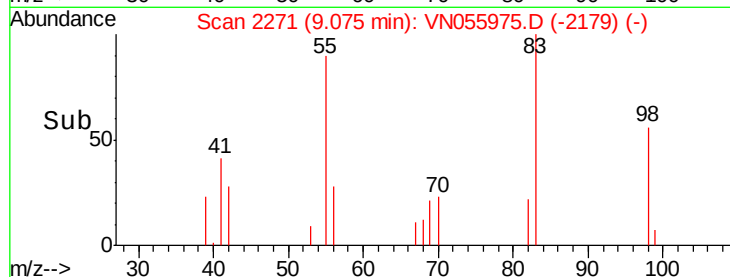
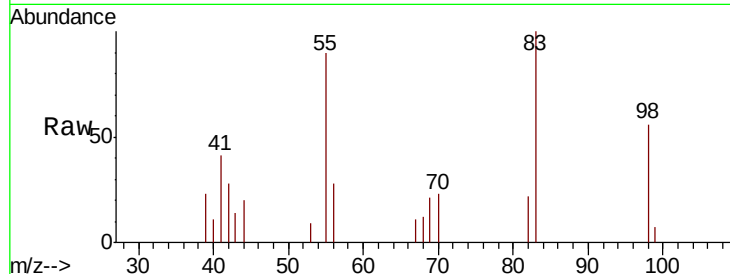




#39  
Methylvlcyclohexane  
Concen: 0.997 ug/l  
RT: 9.08 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

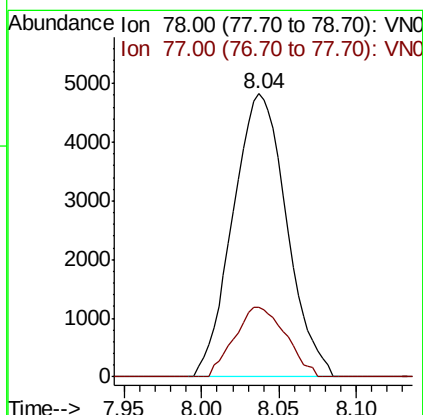
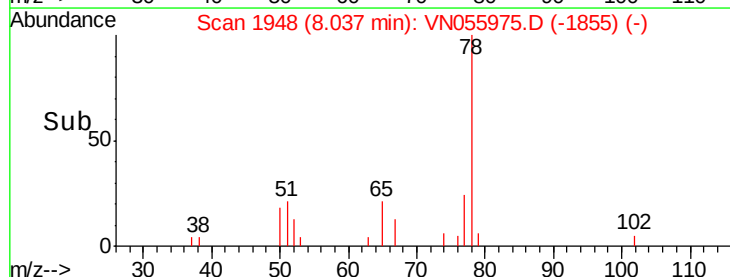
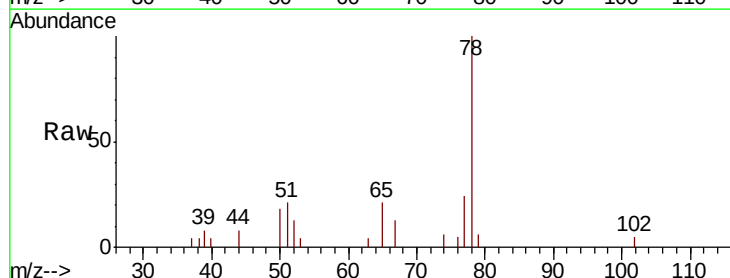
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion: 83 Resp: 4901  
Ion Ratio Lower Upper  
83 100  
55 90.3 59.3 88.9#  
98 55.8 36.6 54.8#

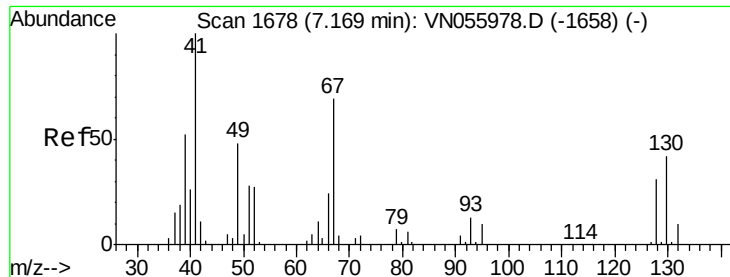


#40  
Benzene  
Concen: 0.973 ug/l  
RT: 8.04 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 78 Resp: 11669  
Ion Ratio Lower Upper  
78 100  
77 24.4 18.8 28.2



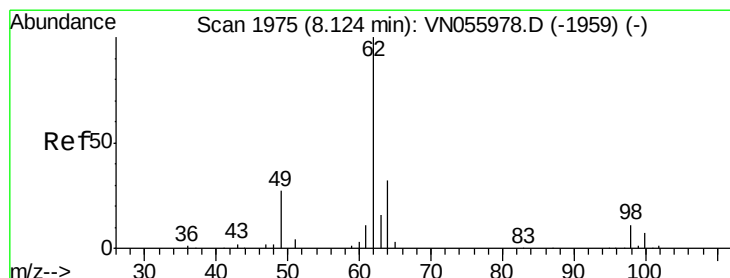
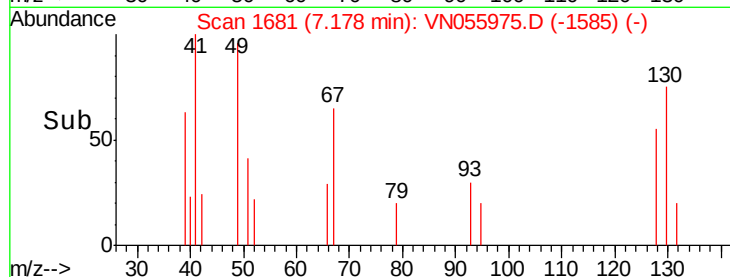
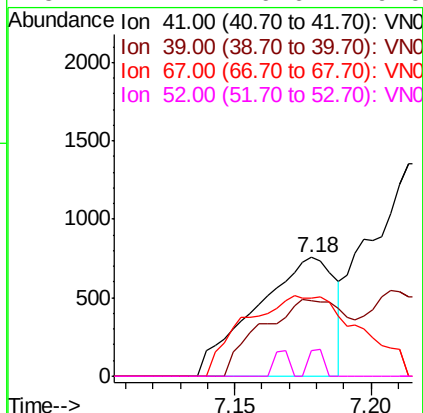
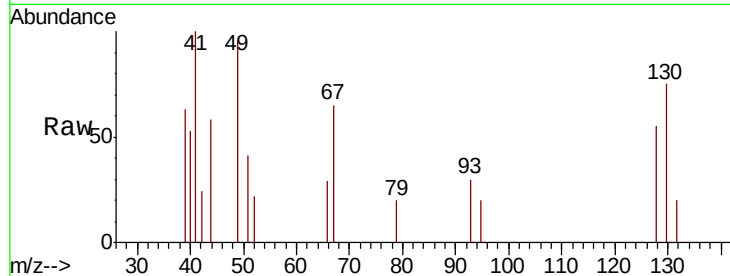




#41  
Methacrylonitrile  
Concen: 0.947 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.01 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

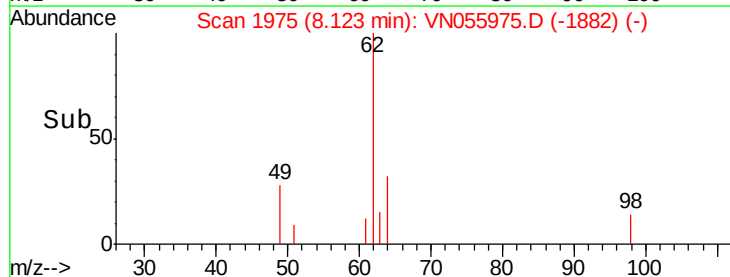
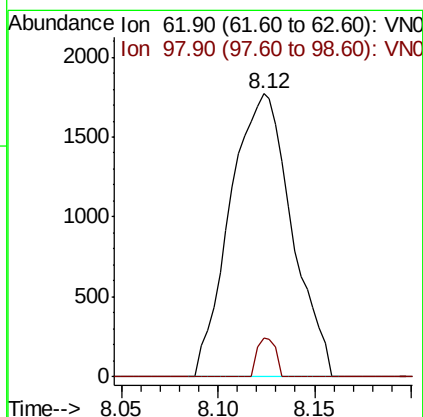
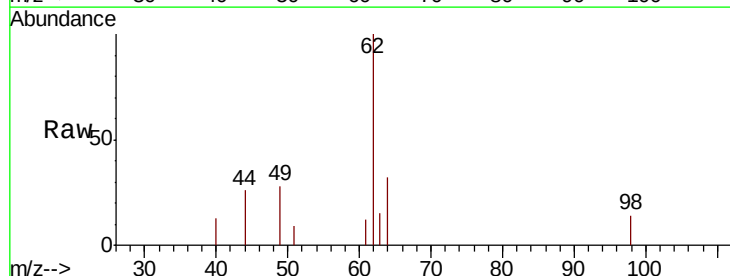
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

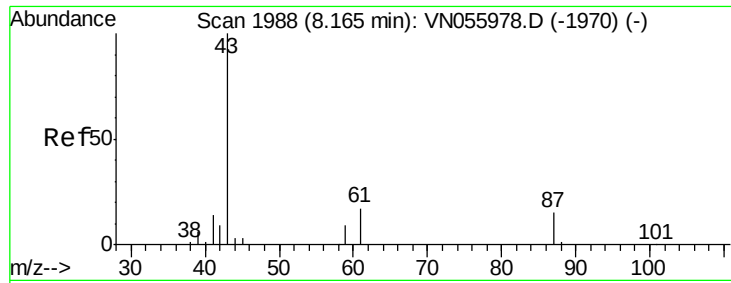
Tot Ion: 41 Resp: 1530  
Ion Ratio Lower Upper  
41 100  
39 69.9 45.6 68.4#  
67 0.0 67.7 101.5#  
52 4.2 26.6 40.0#



#42  
1,2-Dichloroethane  
Concen: 1.016 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 62 Resp: 3916  
Ion Ratio Lower Upper  
62 100  
98 4.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 0.898 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

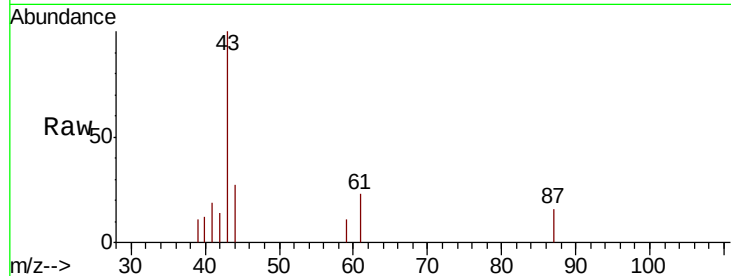
Tot Ion: 43 Resp: 5111

Ion Ratio Lower Upper

43 100

61 6.4 22.2 33.4#

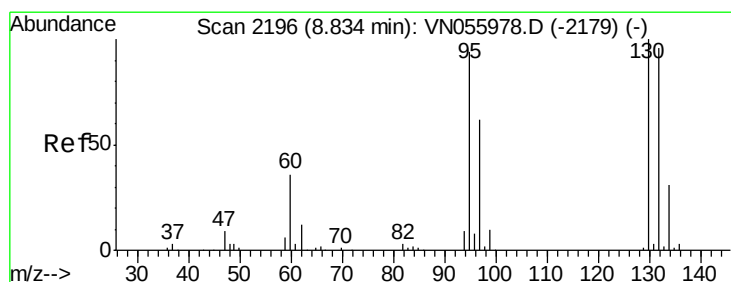
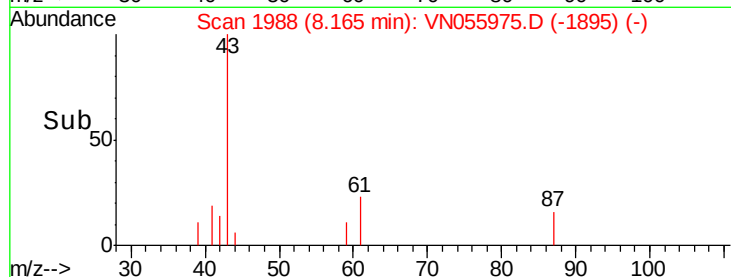
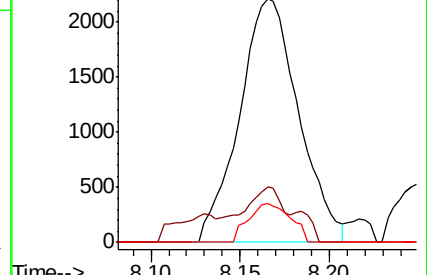
87 11.3 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 1.007 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN055975.D

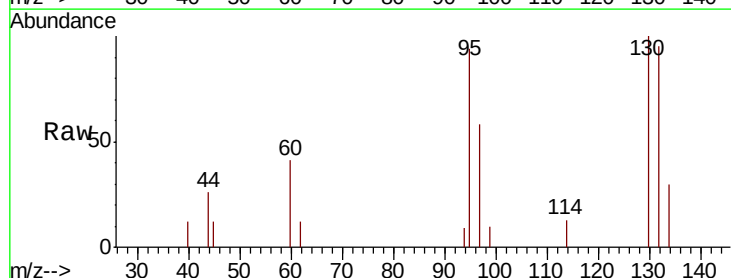
Acq: 4 Jun 2019 8:22

Tgt Ion: 130 Resp: 3470

Ion Ratio Lower Upper

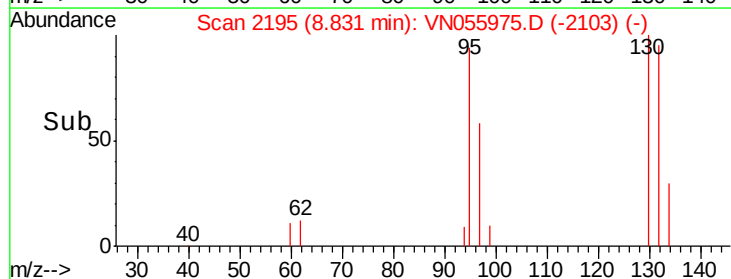
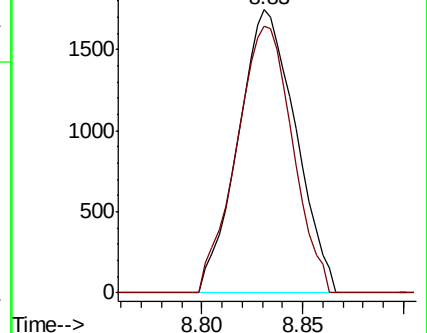
130 100

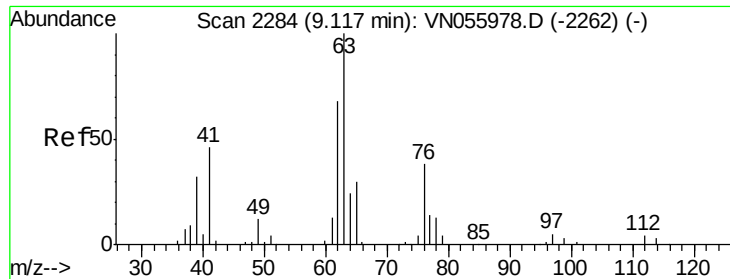
95 94.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

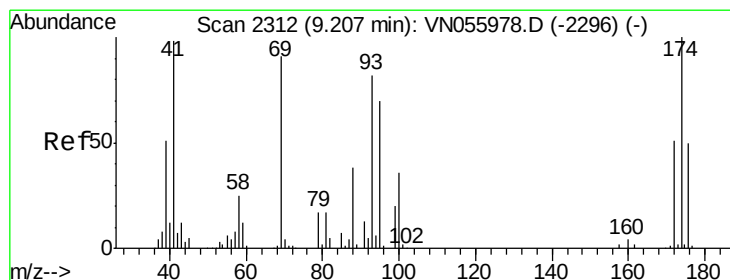
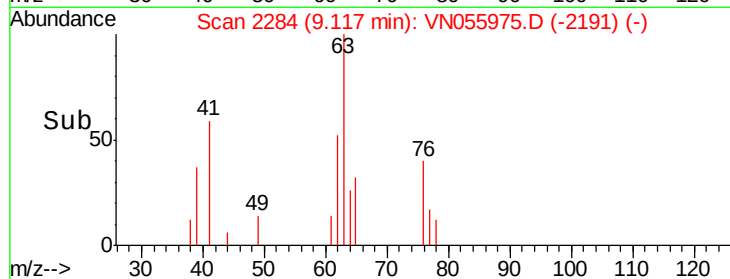
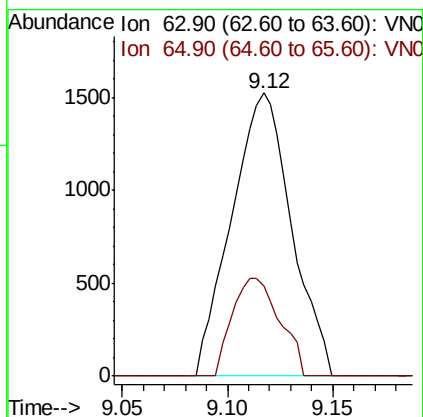
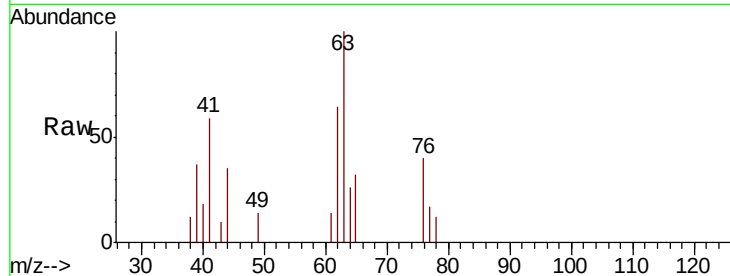




#45  
 1,2-Dichloropropane  
 Concen: 0.978 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

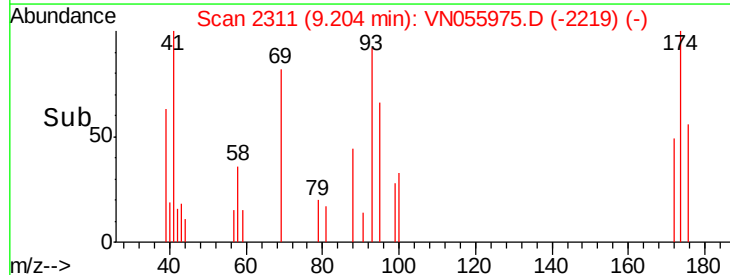
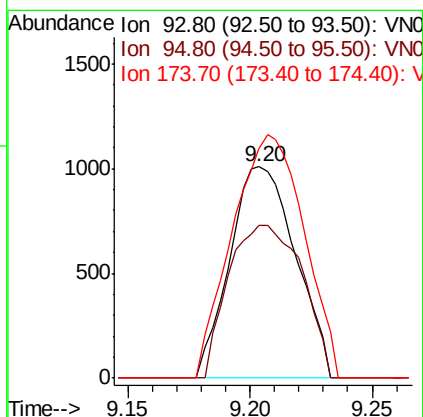
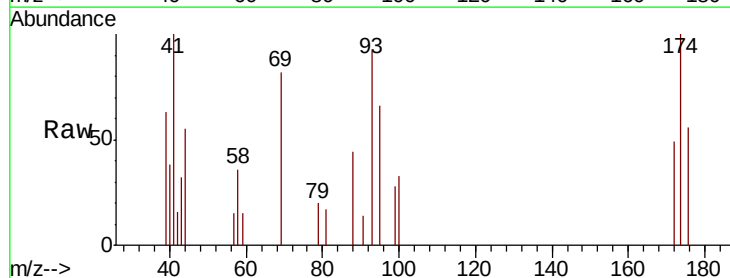
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

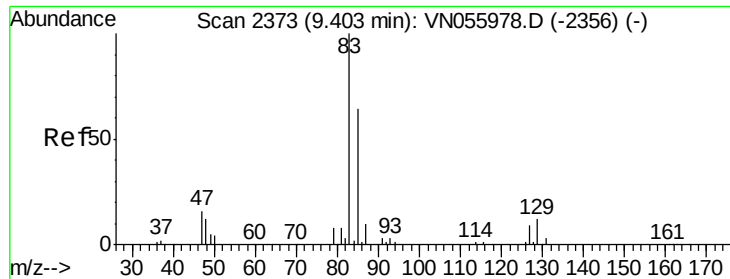
Tot Ion: 63 Resp: 3003  
 Ion Ratio Lower Upper  
 63 100  
 65 31.7 24.6 36.8



#46  
 Dibromomethane  
 Concen: 0.941 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion: 93 Resp: 1890  
 Ion Ratio Lower Upper  
 93 100  
 95 81.1 66.7 100.1  
 174 125.6 96.4 144.6





#47

Bromodichloromethane

Concen: 0.909 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

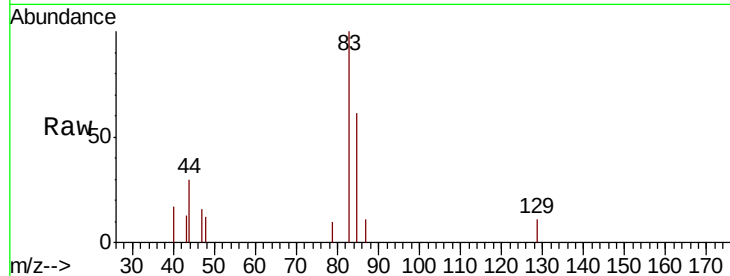
Tot Ion: 83 Resp: 3306

Ion Ratio Lower Upper

83 100

85 60.9 52.2 78.2

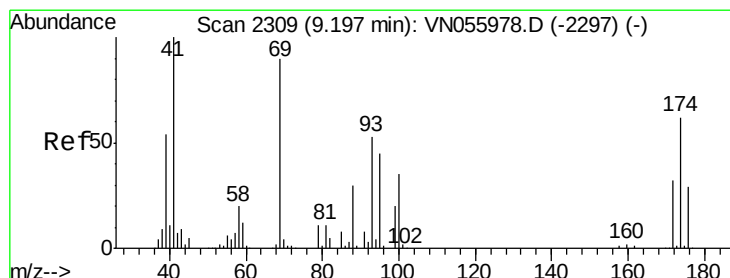
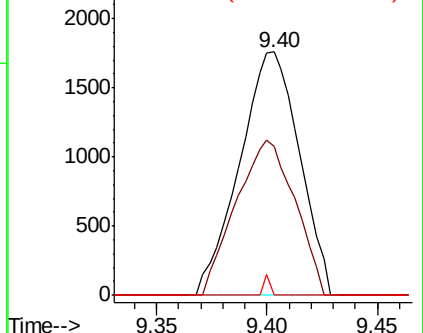
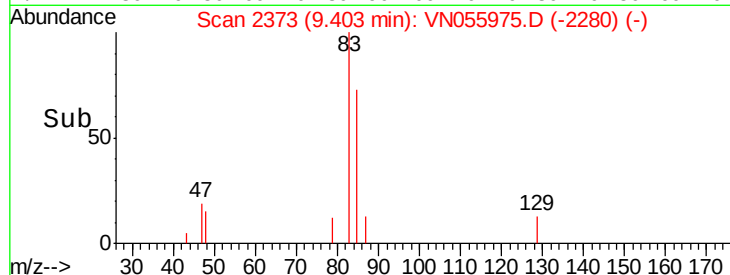
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN055975.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055975.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055975.D (-2280) (-)



#48

Methyl methacrylate

Concen: 0.897 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

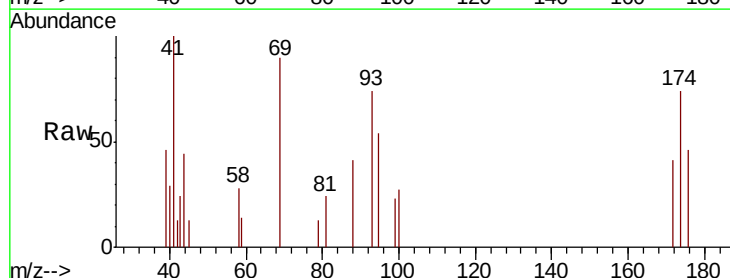
Tgt Ion: 41 Resp: 2498

Ion Ratio Lower Upper

41 100

69 90.0 71.0 106.6

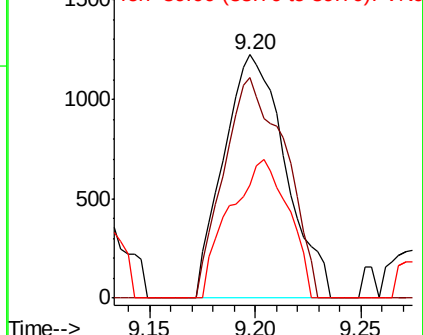
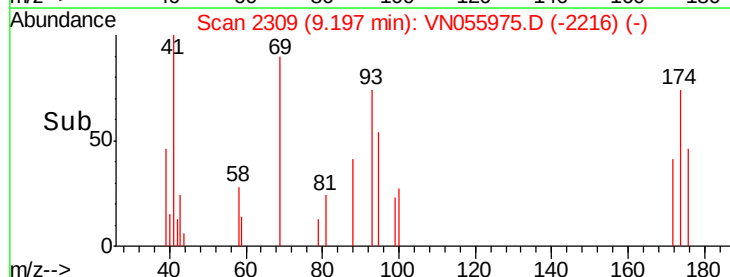
39 53.9 44.2 66.2

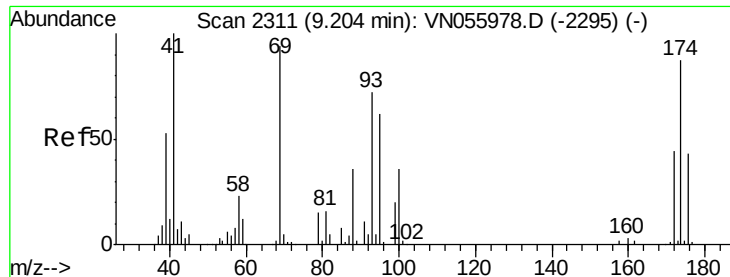


Abundance Ion 41.00 (40.70 to 41.70): VN055975.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055975.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055975.D (-2216) (-)

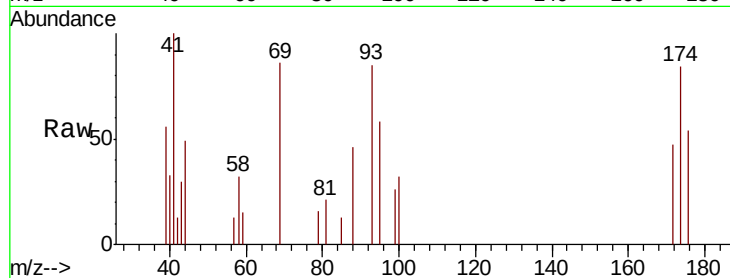




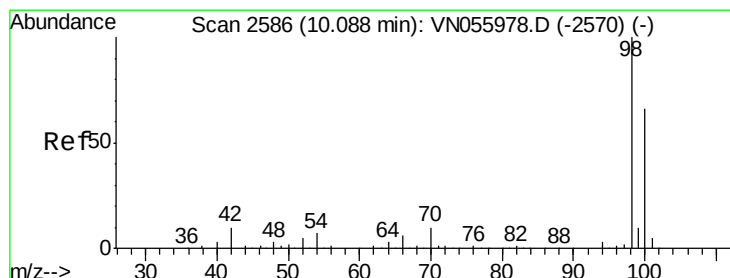
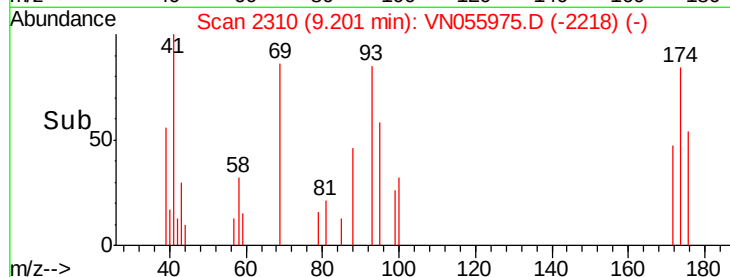
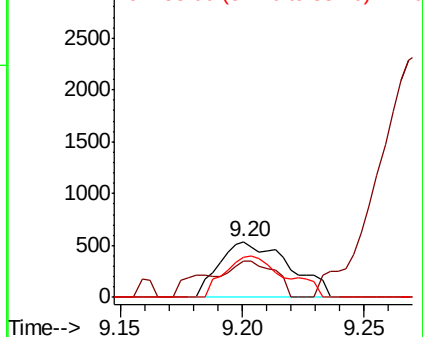
#49  
1,4-Dioxane  
Concen: 17.753 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion: 88 Resp: 1067  
Ion Ratio Lower Upper  
88 100  
43 41.4 20.5 30.7#  
58 64.9 55.8 83.6

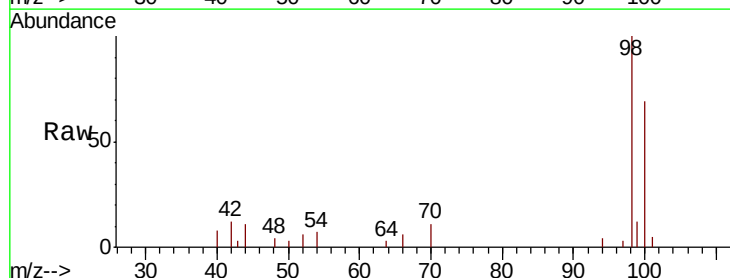


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

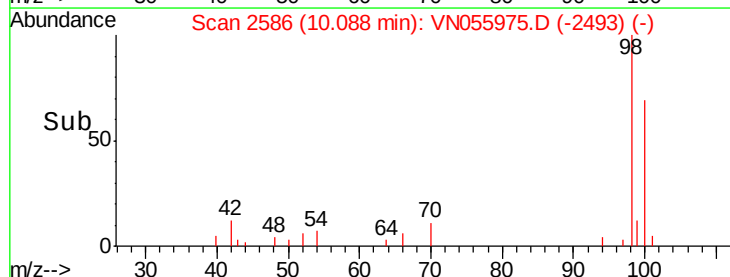
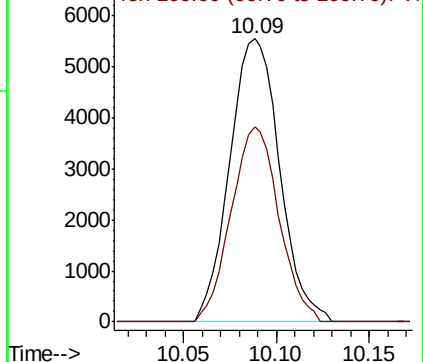


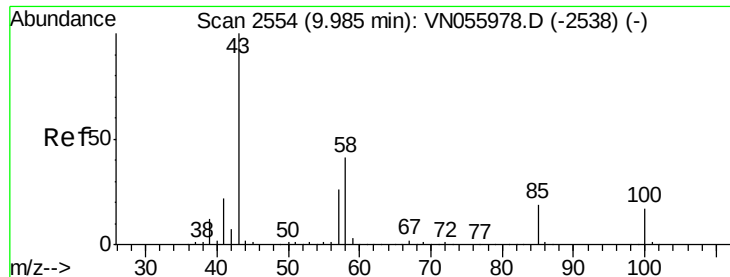
#50  
Toluene-d8  
Concen: 0.959 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 98 Resp: 10387  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 4.715 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

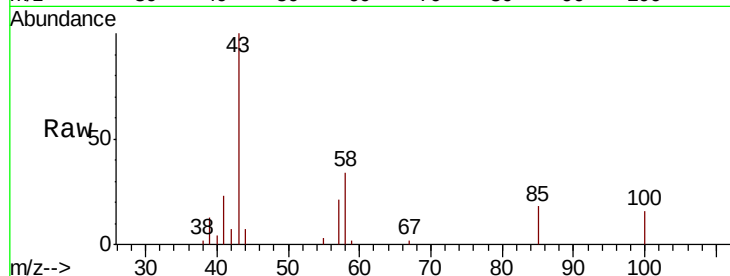
VSTDIC001

Tot Ion: 43 Resp: 16778

Ion Ratio Lower Upper

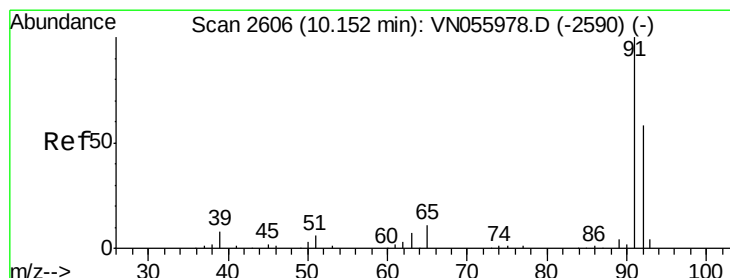
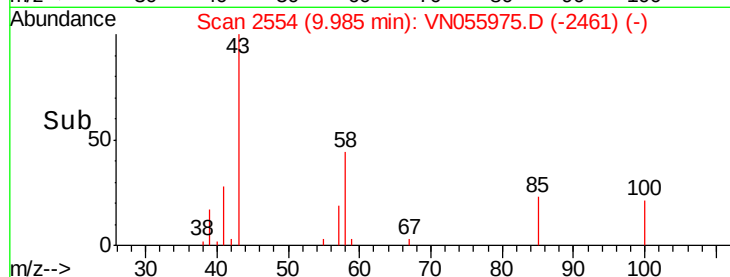
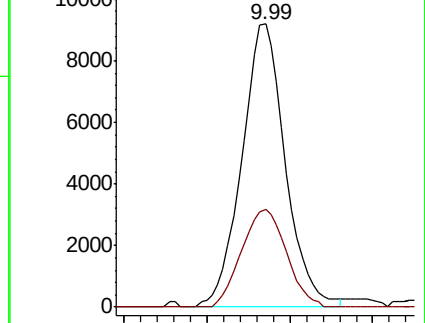
43 100

58 35.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.908 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055975.D

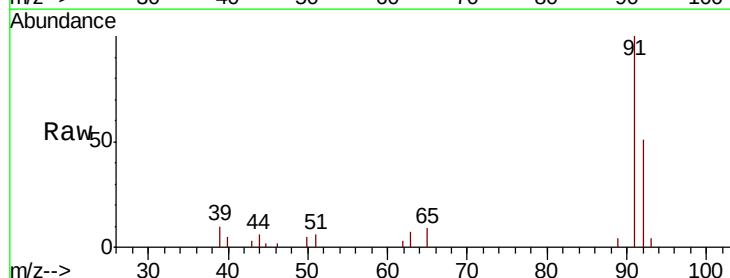
Acq: 4 Jun 2019 8:22

Tgt Ion: 92 Resp: 6773

Ion Ratio Lower Upper

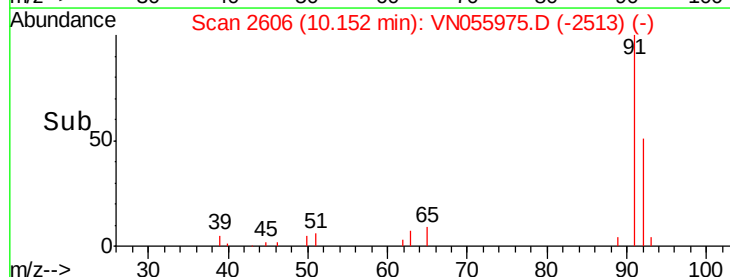
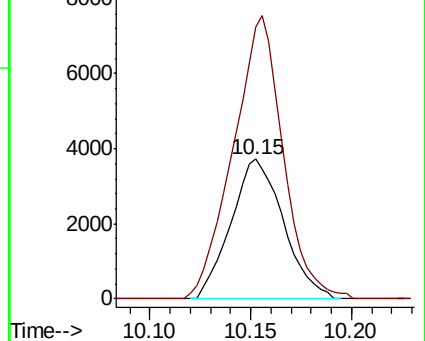
92 100

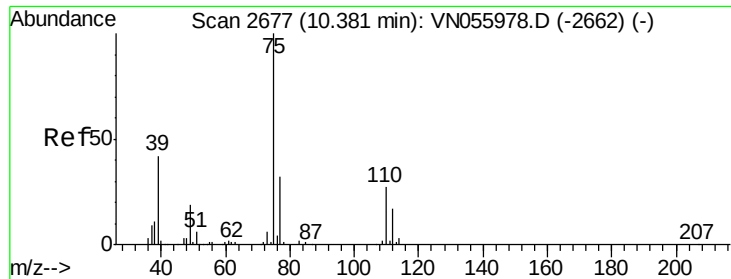
91 192.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 3.050 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

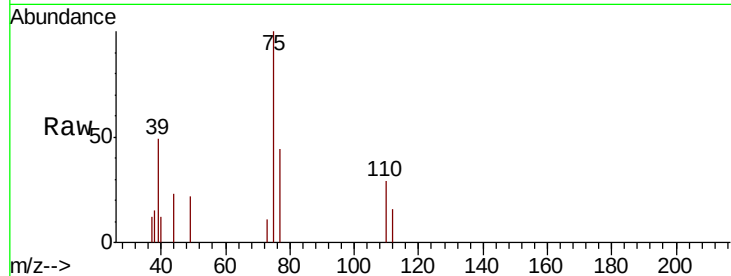
VSTDIC001

Tot Ion: 75 Resp: 2924

Ion Ratio Lower Upper

75 100

77 30.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

1500

1000

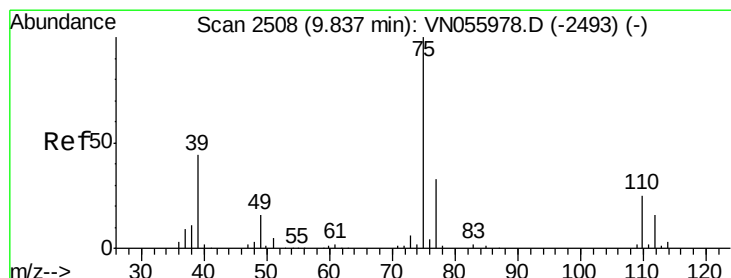
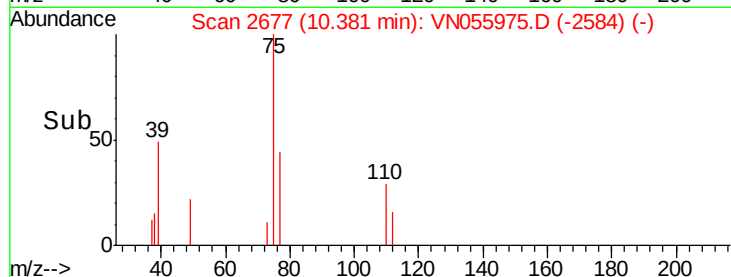
500

0

Time-->

10.35

10.40



#54

cis-1,3-Dichloropropene

Concen: 0.791 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

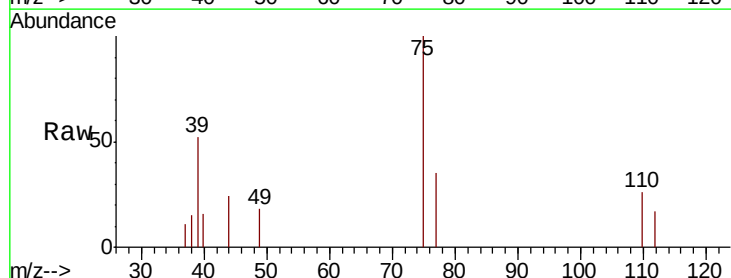
Tgt Ion: 75 Resp: 3459

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.0

39 52.0 36.3 54.5



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

2500

2000

1500

1000

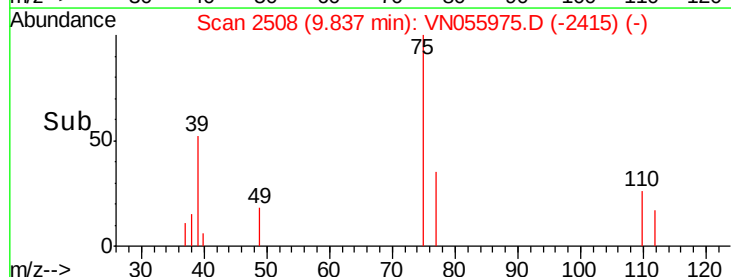
500

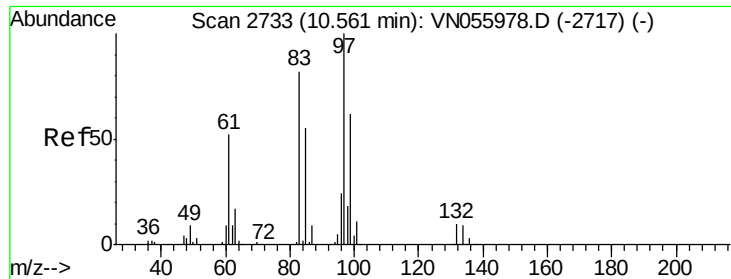
0

Time-->

9.80

9.85





#55

1,1,2-Trichloroethane

Concen: 0.911 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

Tot Ion: 97 Resp: 2693

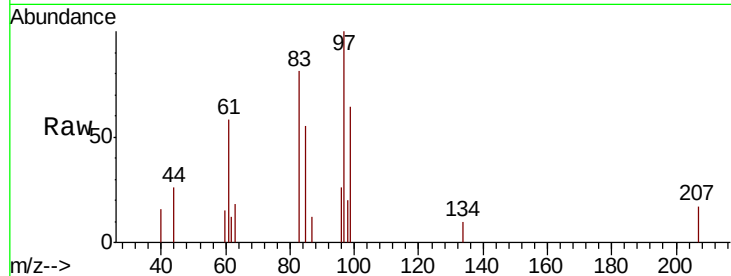
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.6  | 67.0  | 100.6 |
| 85  | 54.5  | 44.0  | 66.0  |
| 99  | 63.7  | 50.6  | 75.8  |

97 100

83 80.6 67.0 100.6

85 54.5 44.0 66.0

99 63.7 50.6 75.8



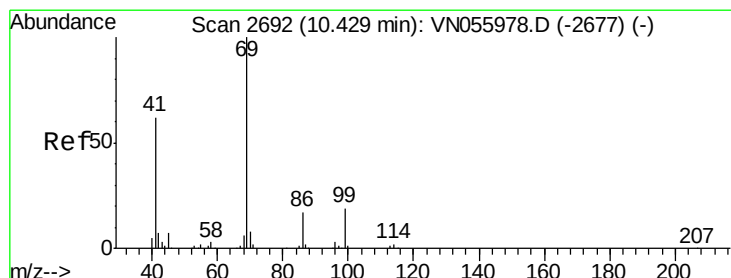
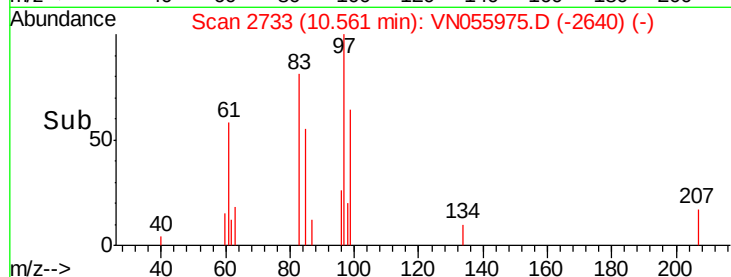
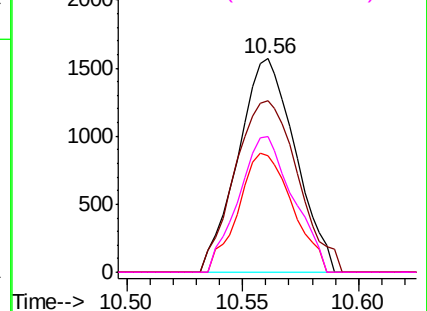
Abundance

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: 0.856 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

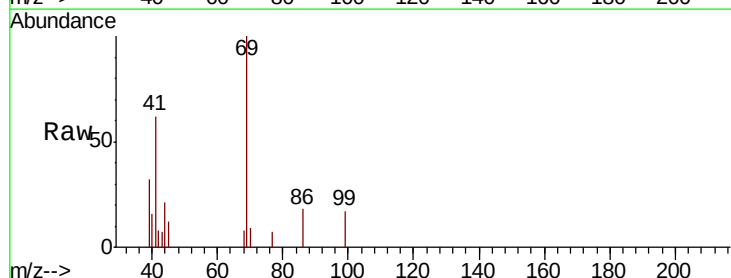
Tgt Ion: 69 Resp: 3690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.3  | 49.7  | 74.5  |
| 39  | 35.7  | 24.7  | 37.1  |

69 100

41 63.3 49.7 74.5

39 35.7 24.7 37.1

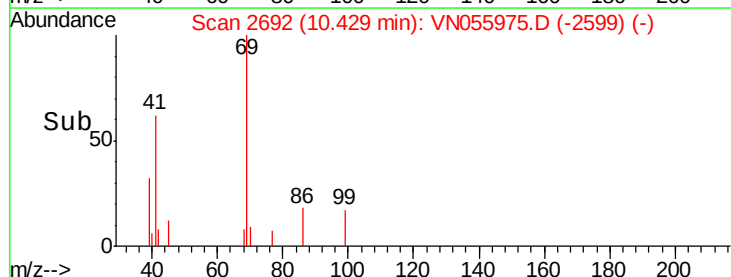
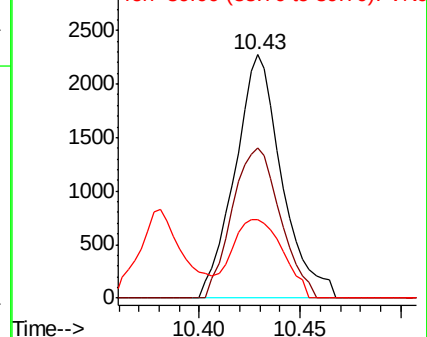


Abundance

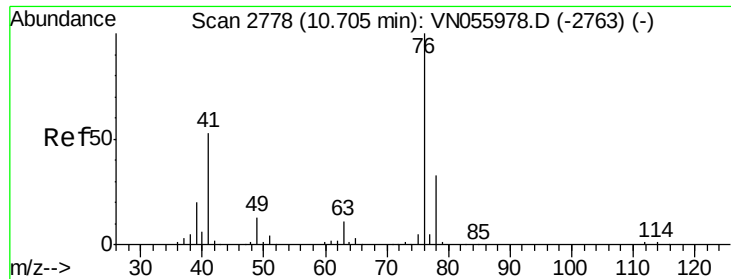
Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



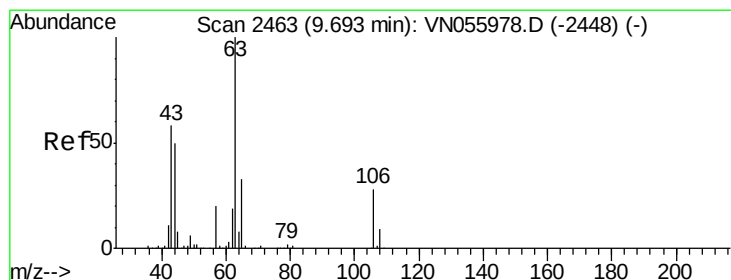
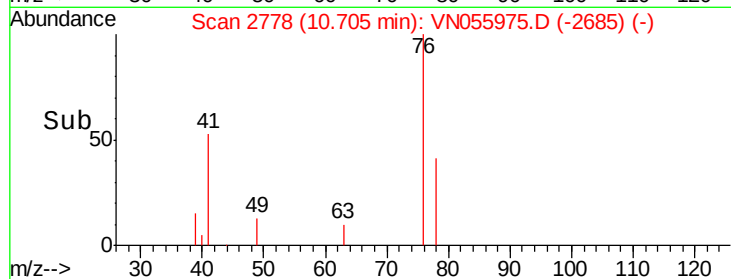
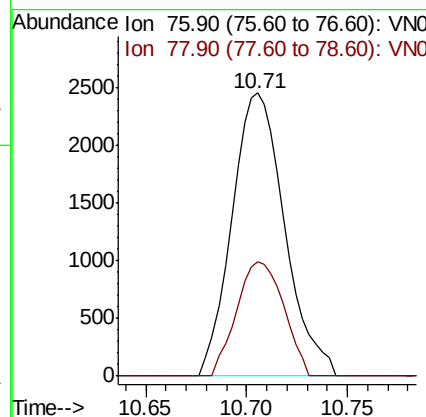
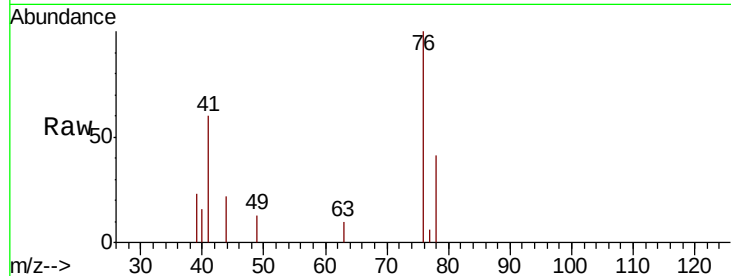




#57  
 1,3-Dichloropropane  
 Concen: 0.930 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

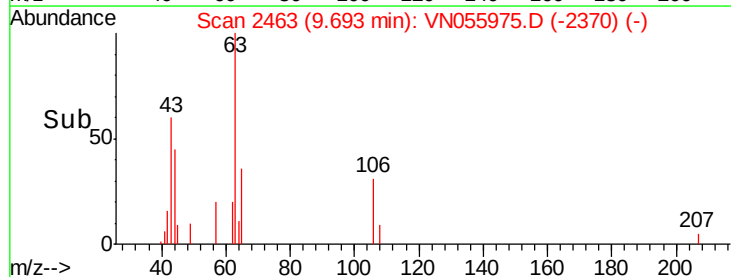
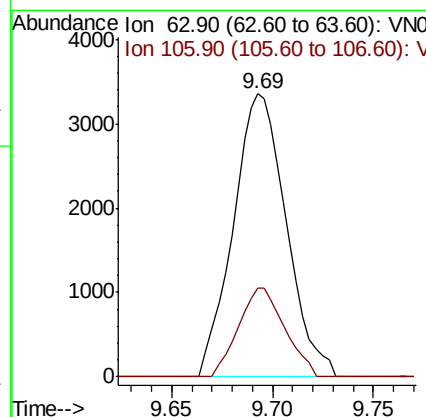
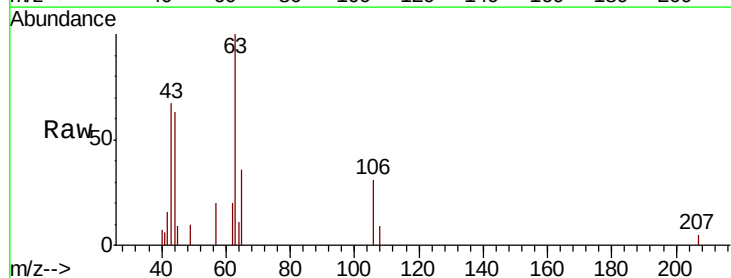
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

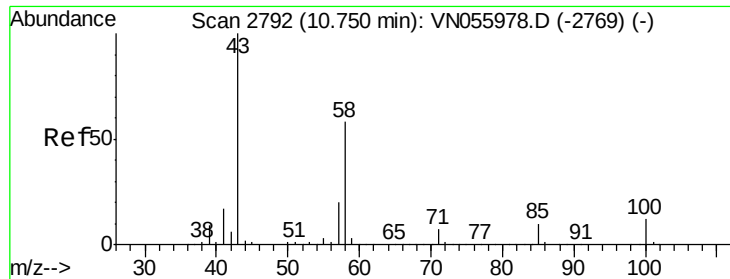
Tot Ion: 76 Resp: 4466  
 Ion Ratio Lower Upper  
 76 100  
 78 36.4 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 18.251 ug/l  
 RT: 9.69 min Scan# 2463  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion: 63 Resp: 6135  
 Ion Ratio Lower Upper  
 63 100  
 106 27.6 22.7 34.1

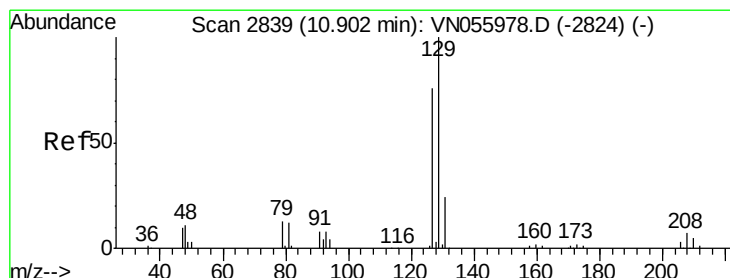
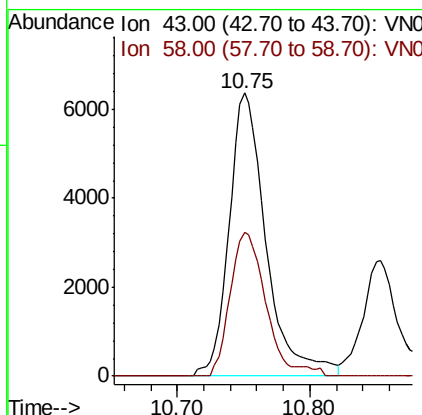
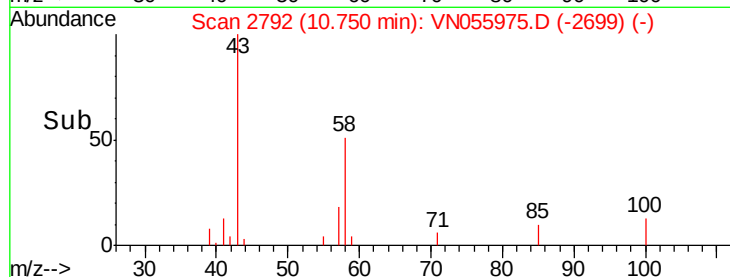
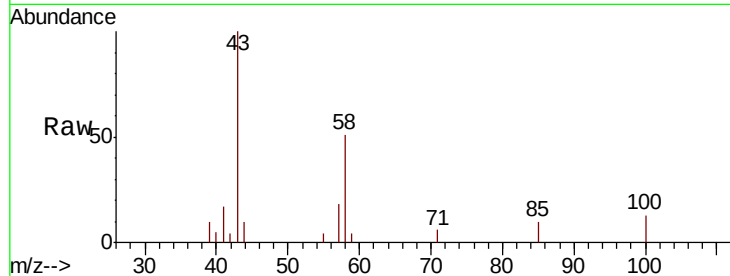




#59  
2-Hexanone  
Concen: 4.782 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

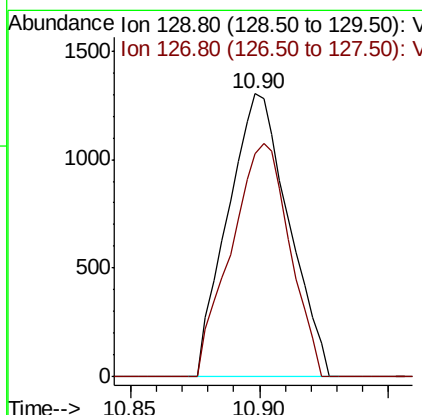
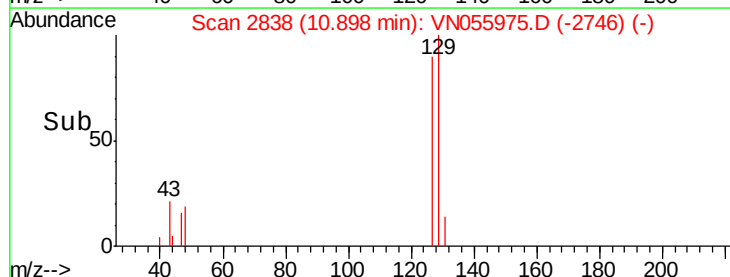
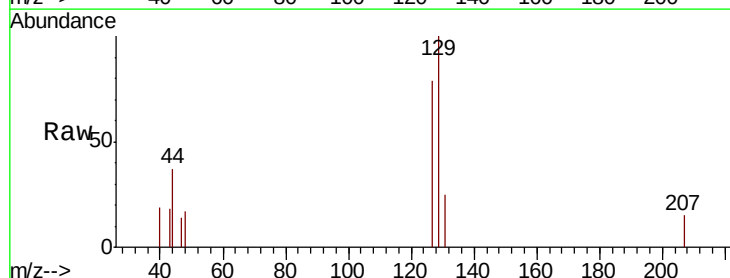
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

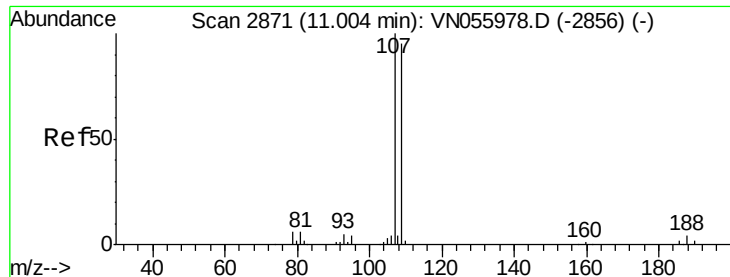
Tot Ion: 43 Resp: 12334  
Ion Ratio Lower Upper  
43 100  
58 47.3 28.2 84.7



#60  
Dibromochloromethane  
Concen: 3.075 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 129 Resp: 2136  
Ion Ratio Lower Upper  
129 100  
127 79.4 38.1 114.3

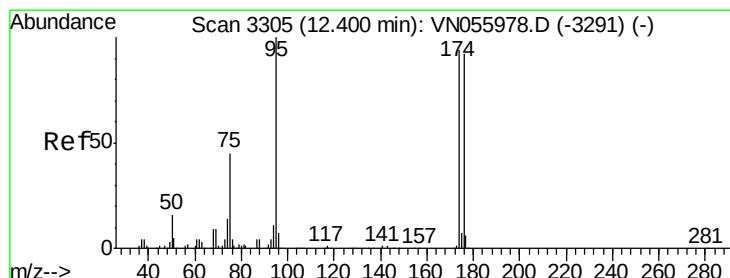
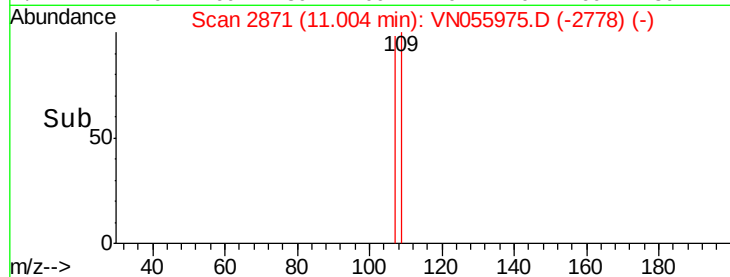
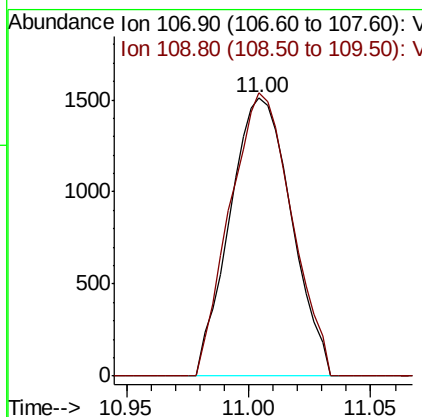
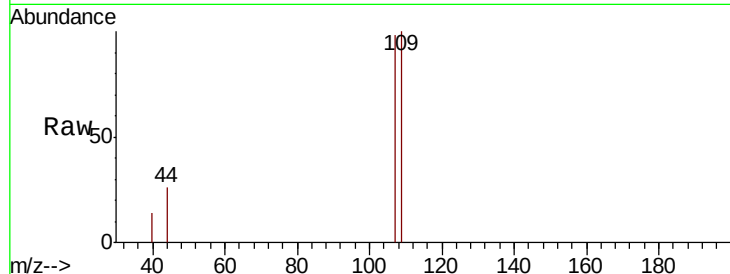




#61  
 1,2-Dibromoethane  
 Concen: 0.876 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

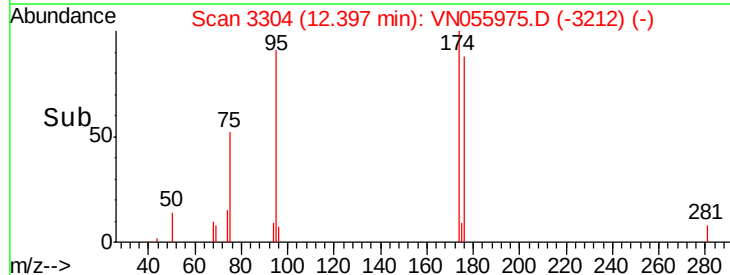
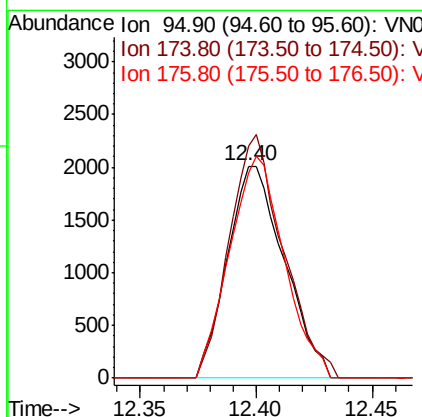
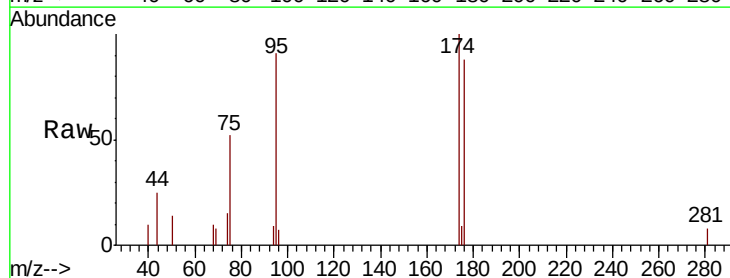
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

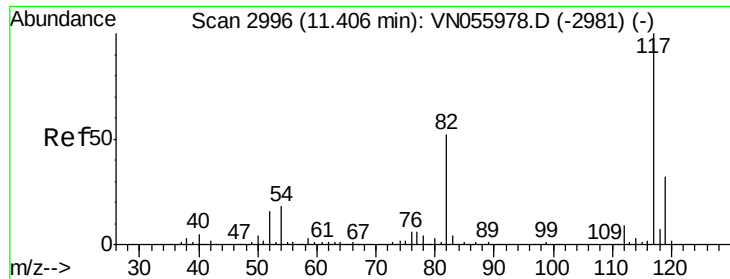
Tot Ion:107 Resp: 2645  
 Ion Ratio Lower Upper  
 107 100  
 109 102.1 74.8 112.2



#62  
 4-Bromofluorobenzene  
 Concen: 0.928 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion: 95 Resp: 3418  
 Ion Ratio Lower Upper  
 95 100  
 174 108.8 0.0 191.0  
 176 101.0 0.0 185.2

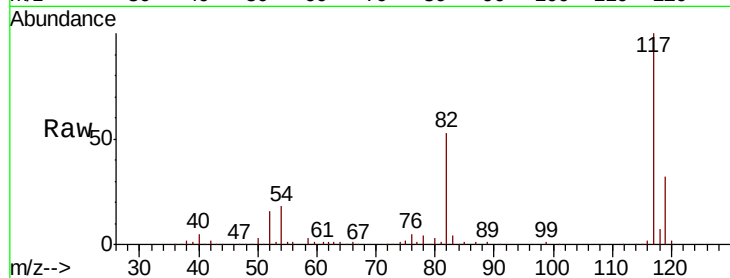




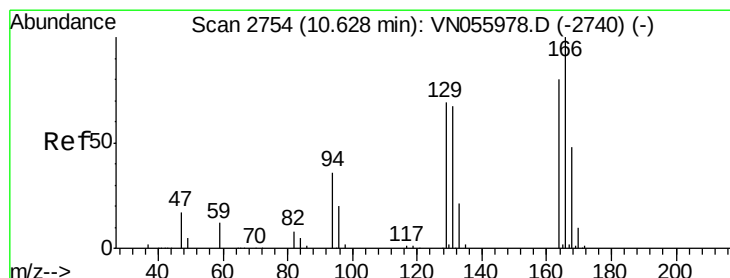
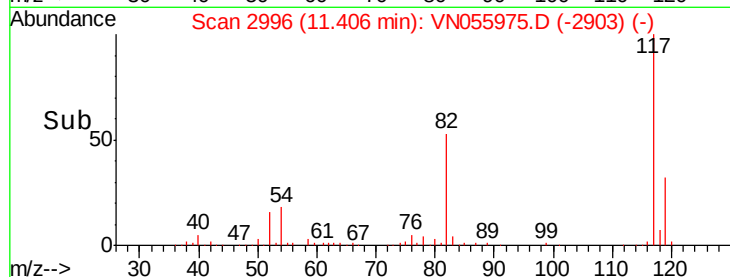
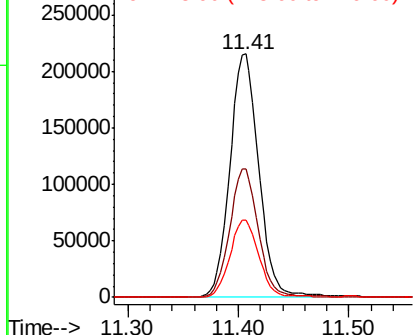
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion:117 Resp: 392917  
Ion Ratio Lower Upper  
117 100  
82 52.7 41.8 62.8  
119 31.7 25.4 38.0

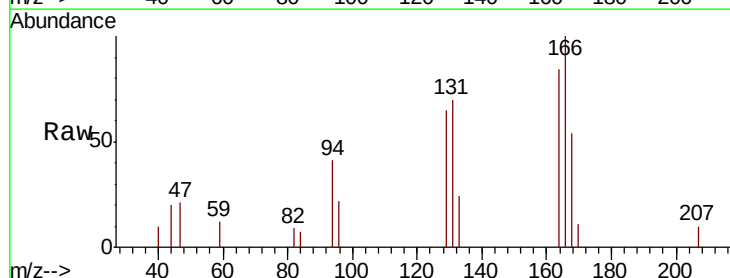


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

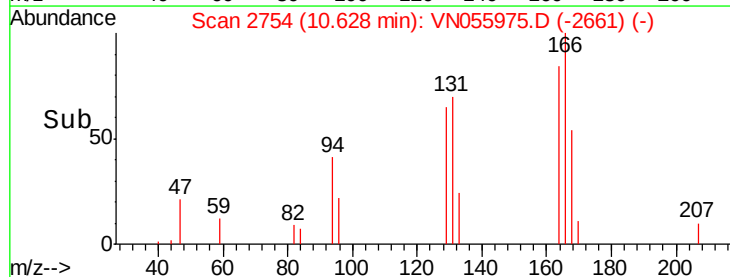
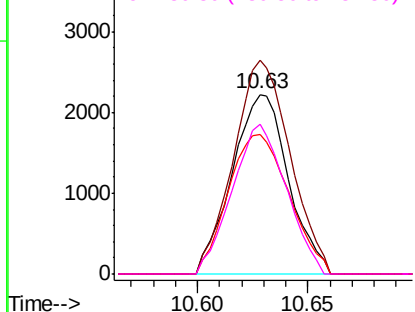


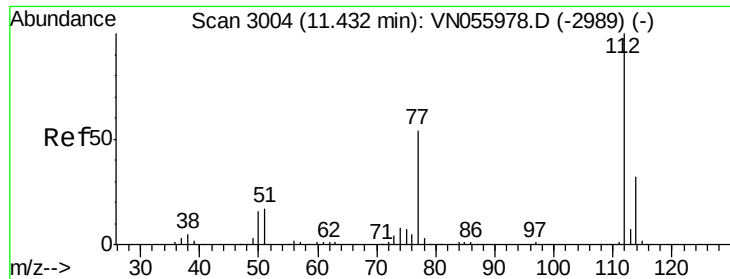
#64  
Tetrachloroethene  
Concen: 1.157 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion:164 Resp: 3936  
Ion Ratio Lower Upper  
164 100  
166 119.0 103.0 154.6  
129 77.5 70.6 105.8  
131 83.4 68.6 102.8



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

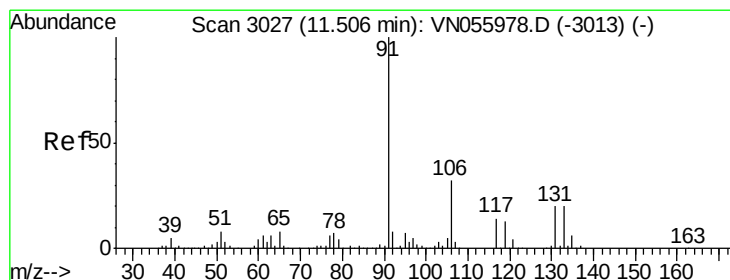
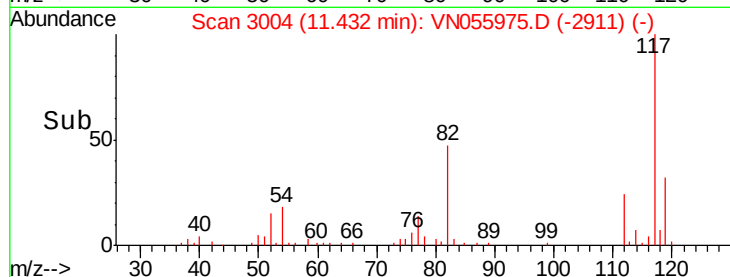
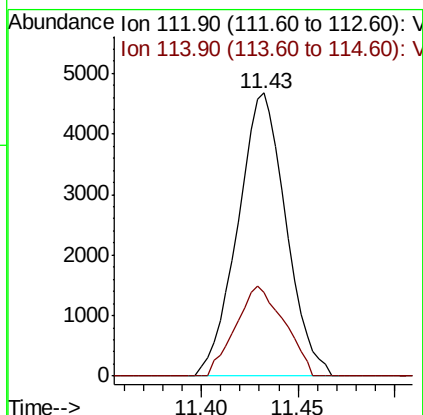
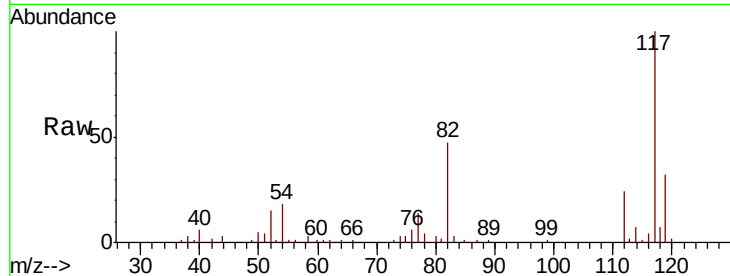




#65  
Chlorobenzene  
Concen: 1.038 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

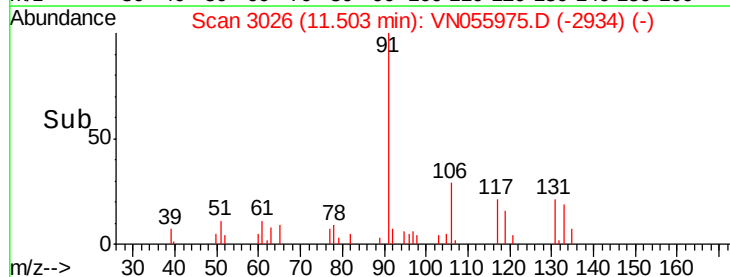
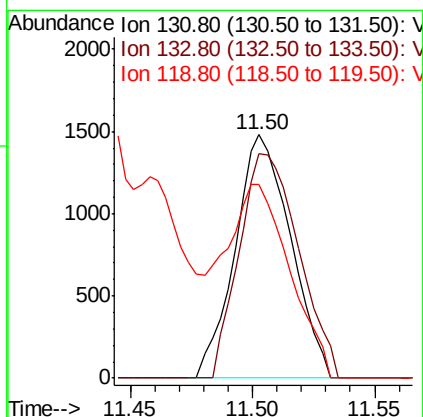
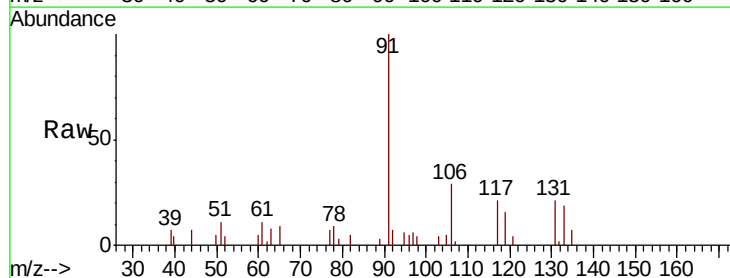
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

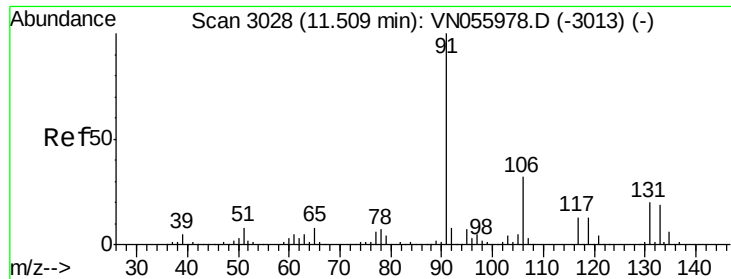
Tot Ion:112 Resp: 8120  
Ion Ratio Lower Upper  
112 100  
114 29.5 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.863 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion:131 Resp: 2331  
Ion Ratio Lower Upper  
131 100  
133 98.7 48.0 144.0  
119 0.0 33.1 99.5#

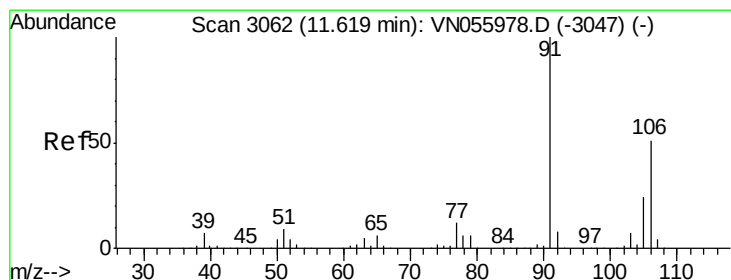
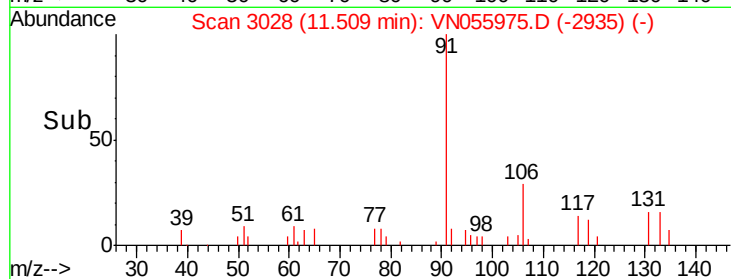
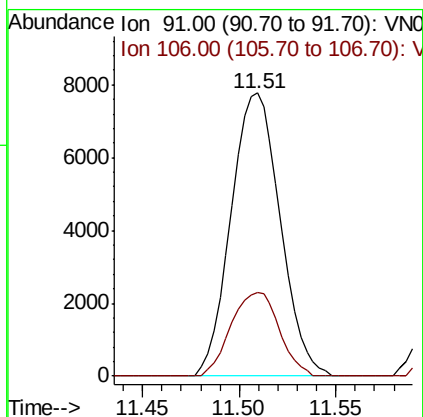
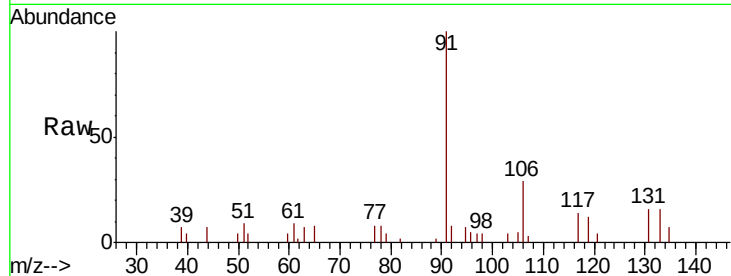




#67  
Ethyl Benzene  
Concen: 1.010 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

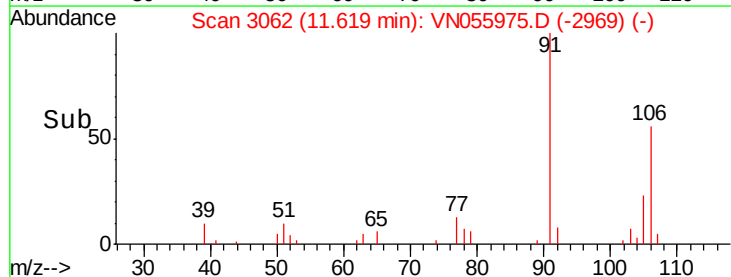
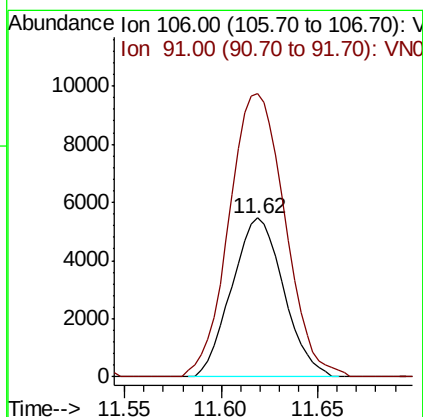
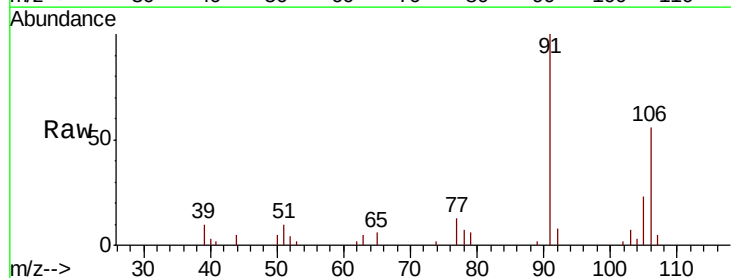
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

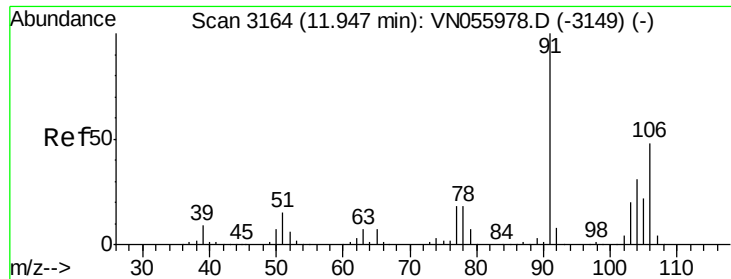
Tot Ion: 91 Resp: 13732  
Ion Ratio Lower Upper  
91 100  
106 29.4 25.1 37.7



#68  
m/p-Xylenes  
Concen: 1.959 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion: 106 Resp: 10177  
Ion Ratio Lower Upper  
106 100  
91 192.0 159.3 238.9

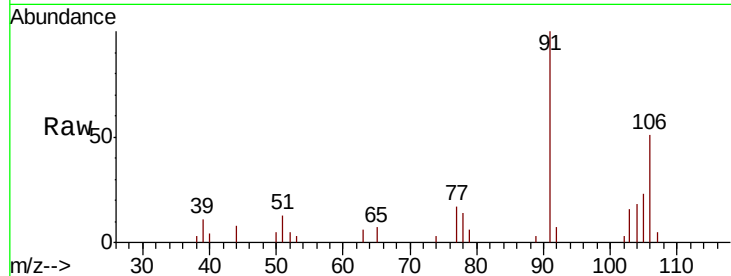




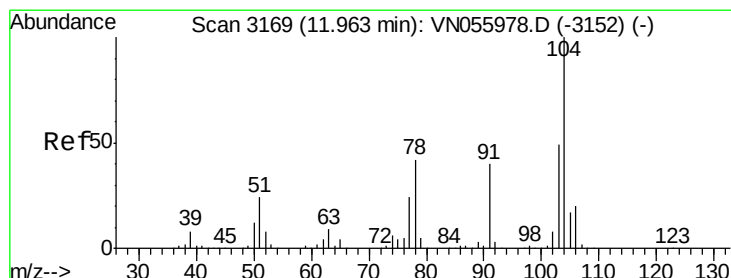
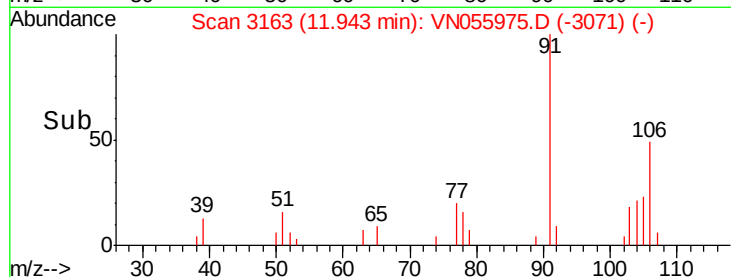
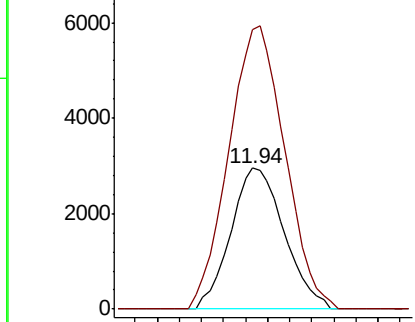
#69  
o-Xylene  
Concen: 0.970 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion:106 Resp: 4955  
Ion Ratio Lower Upper  
106 100  
91 210.2 104.7 314.1

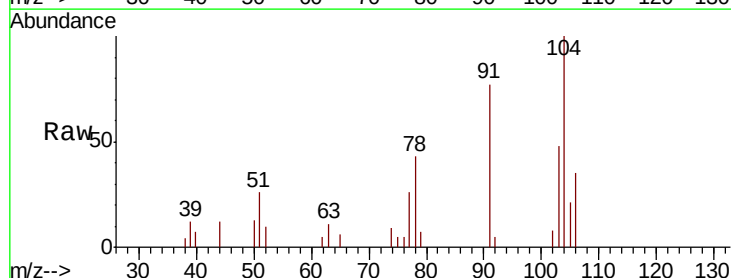


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

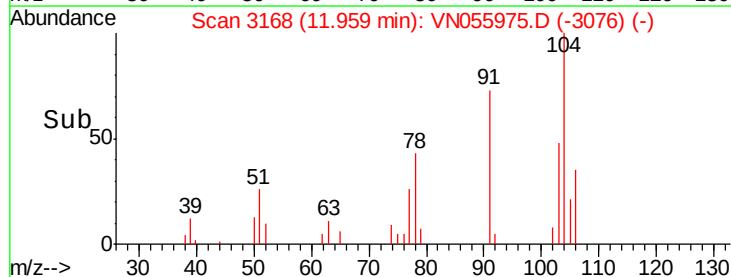
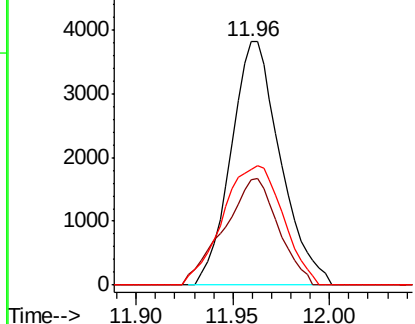


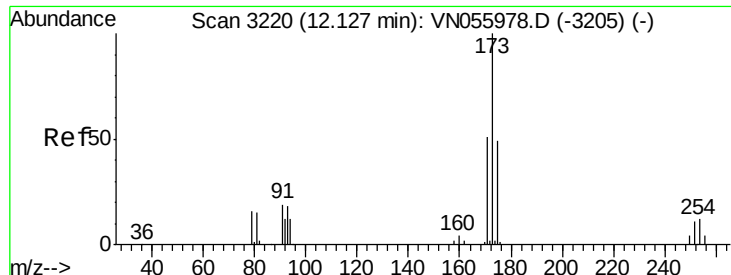
#70  
Styrene  
Concen: 0.833 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. -0.00 min  
Lab File: VN055975.D  
Acq: 4 Jun 2019 8:22

Tgt Ion:104 Resp: 6765  
Ion Ratio Lower Upper  
104 100  
78 48.1 37.8 56.6  
103 59.9 44.2 66.2



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





#71

Bromoform

Concen: 3.353 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

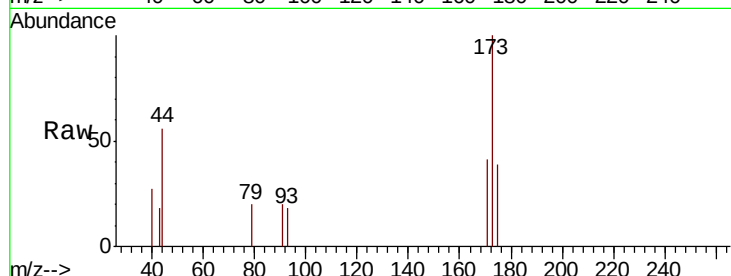
Tot Ion:173 Resp: 1464

Ion Ratio Lower Upper

173 100

175 42.6 24.3 72.8

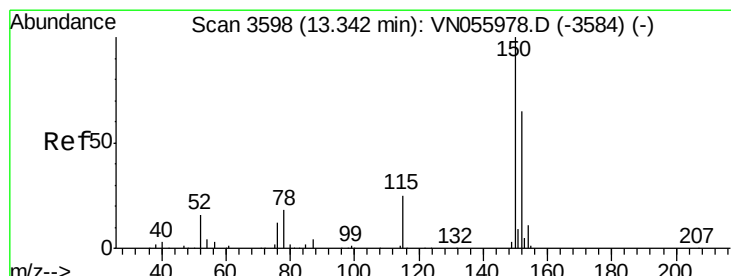
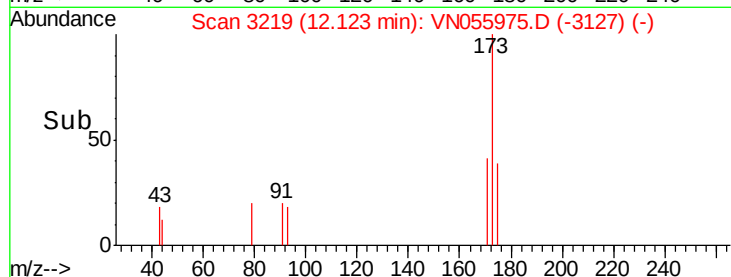
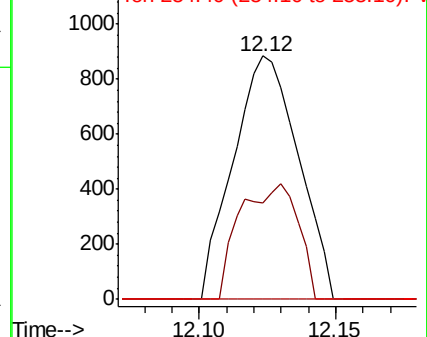
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

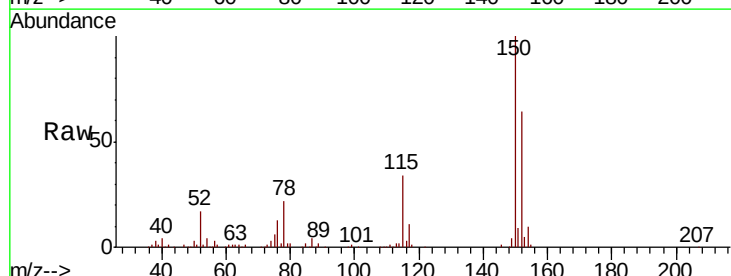
Tgt Ion:152 Resp: 128538

Ion Ratio Lower Upper

152 100

115 52.8 27.0 81.0

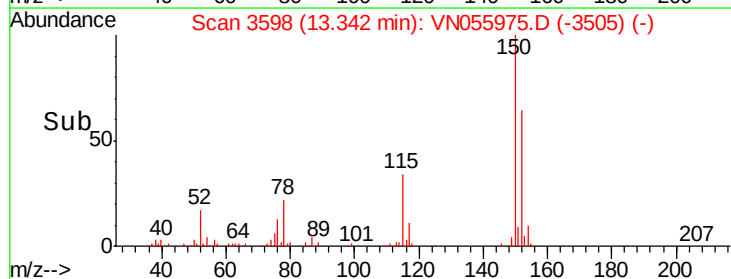
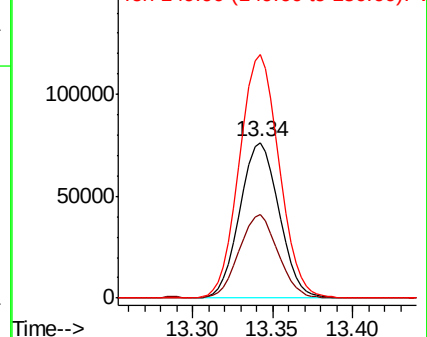
150 158.0 0.0 343.2



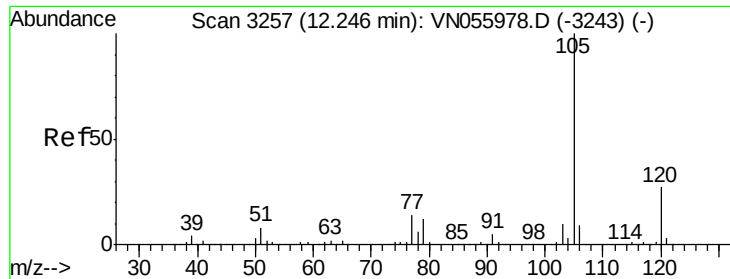
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

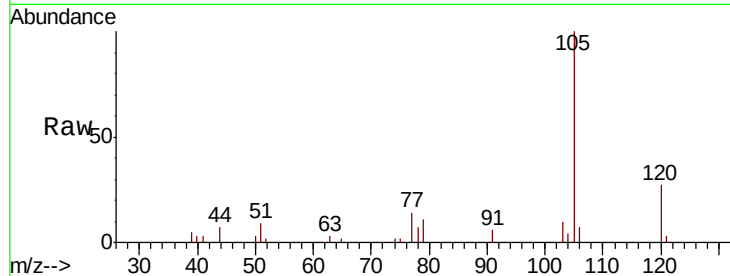
VSTDIC001

Tot Ion:105 Resp: 12729

Ion Ratio Lower Upper

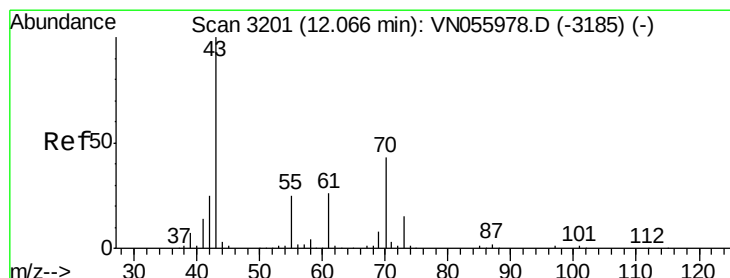
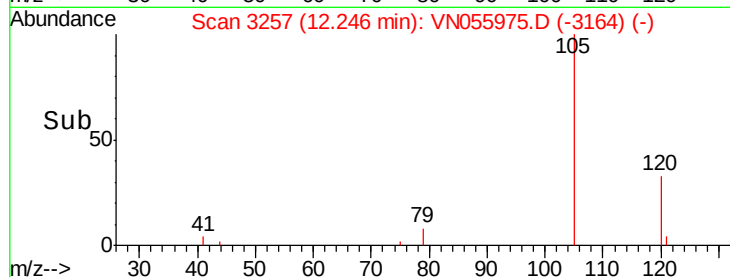
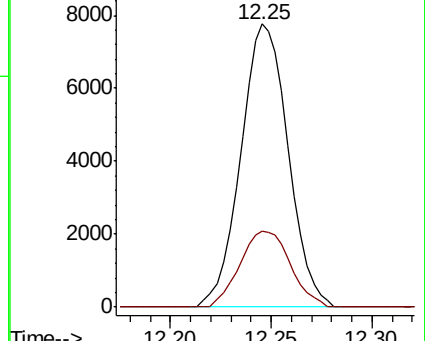
105 100

120 28.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.067 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion: 43 Resp: 3655

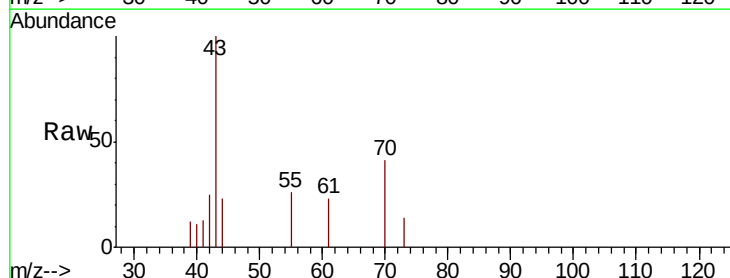
Ion Ratio Lower Upper

43 100

70 37.2 34.0 51.0

55 23.0 18.6 28.0

61 19.6 20.0 30.0#

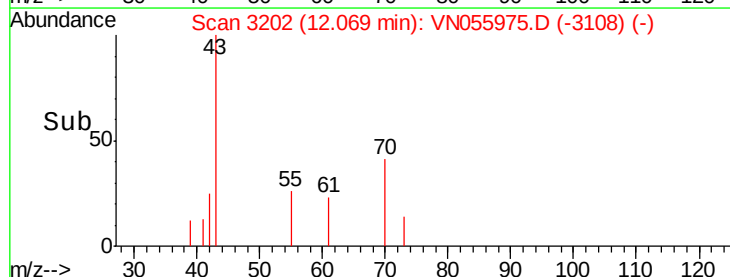
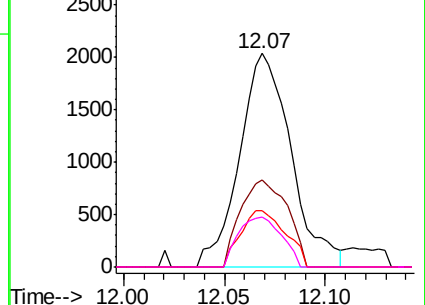


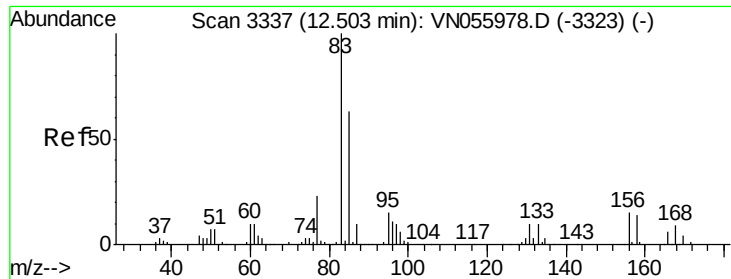
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.201 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

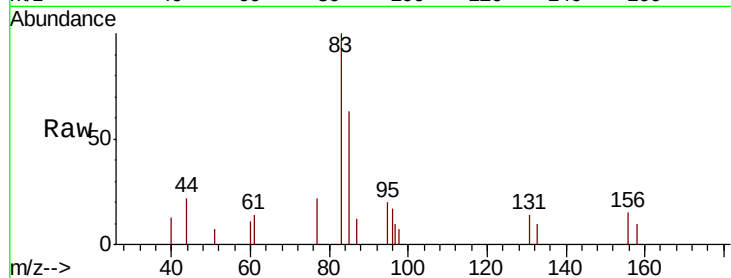
Tot Ion: 83 Resp: 3585

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

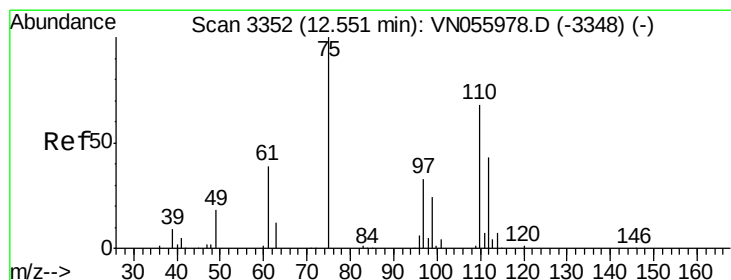
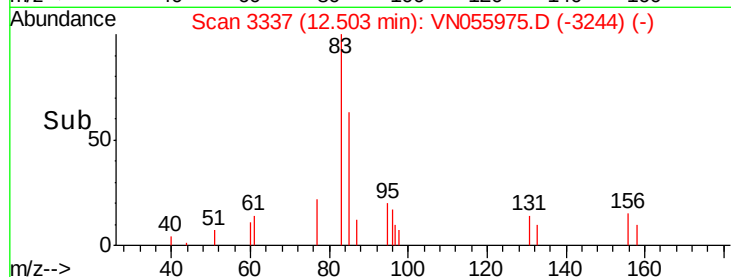
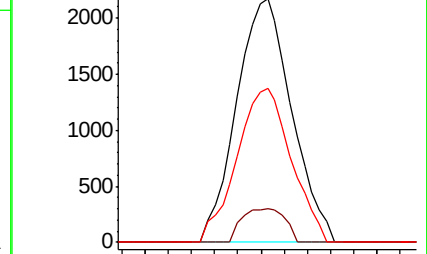
85 62.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055975.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055975.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055975.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 1.649 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055975.D

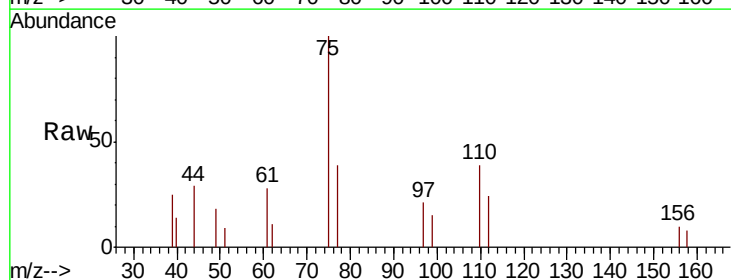
Acq: 4 Jun 2019 8:22

Tgt Ion: 75 Resp: 3900

Ion Ratio Lower Upper

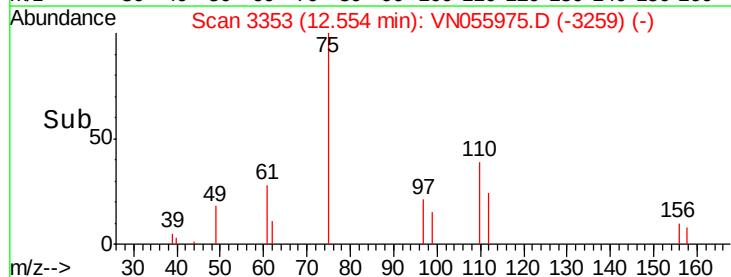
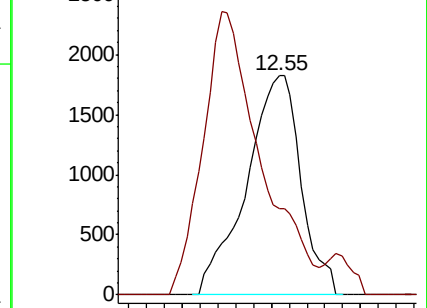
75 100

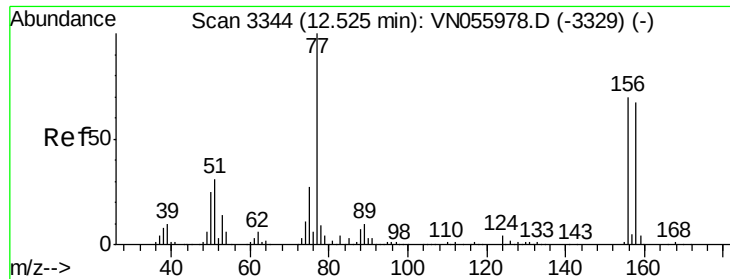
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055975.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN055975.D (-3259) (-)





#77

Bromobenzene

Concen: 1.160 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

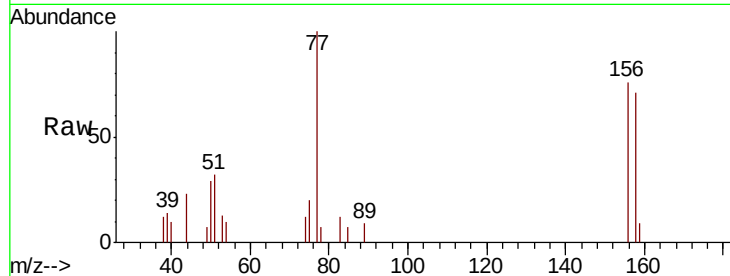
Tot Ion:156 Resp: 3192

Ion Ratio Lower Upper

156 100

77 166.9 90.8 272.5

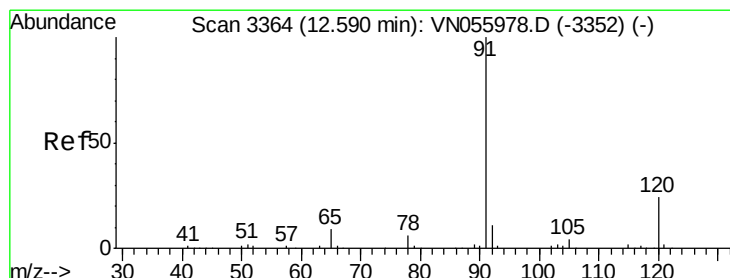
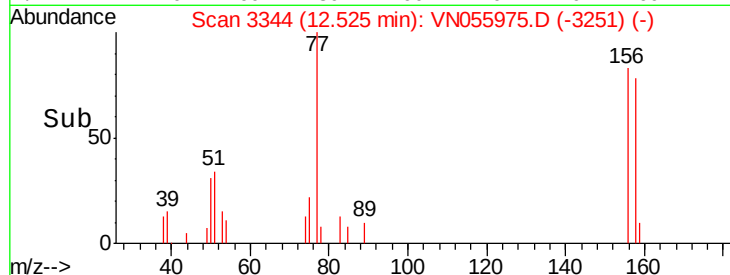
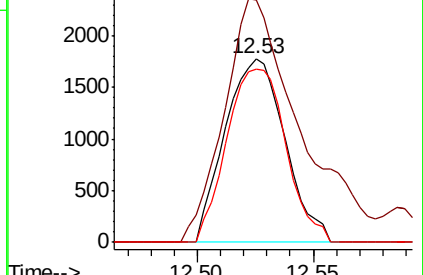
158 93.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.144 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN055975.D

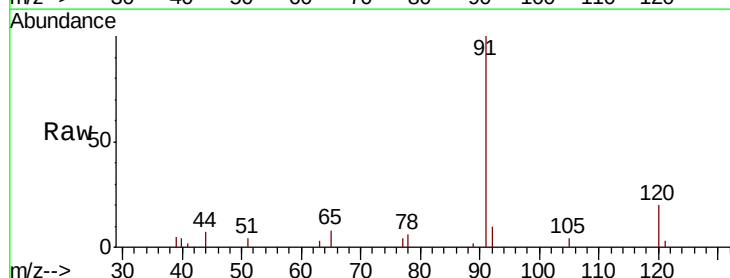
Acq: 4 Jun 2019 8:22

Tgt Ion: 91 Resp: 12441

Ion Ratio Lower Upper

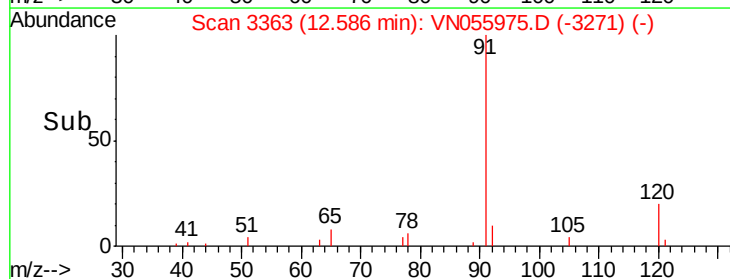
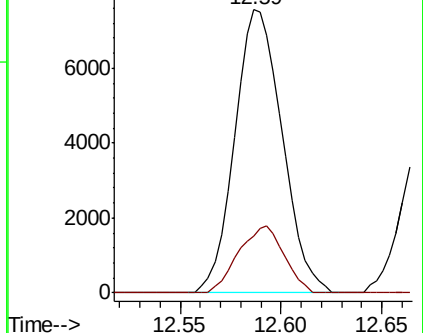
91 100

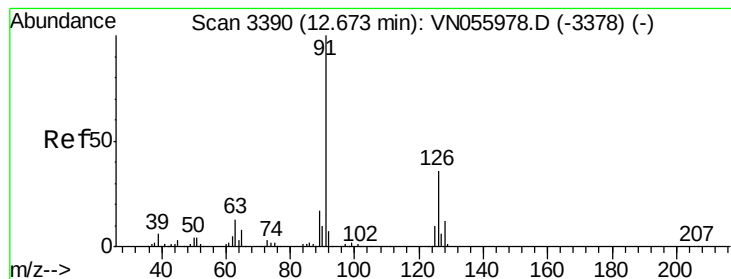
120 22.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

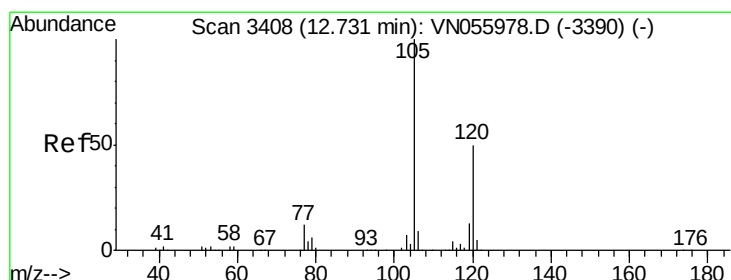
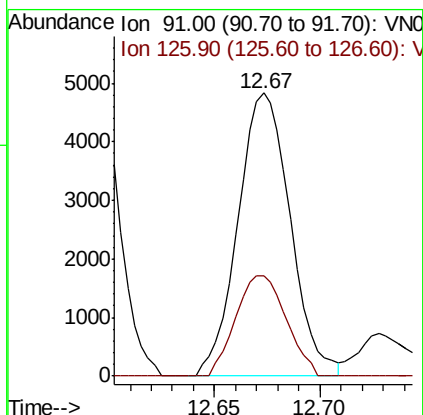
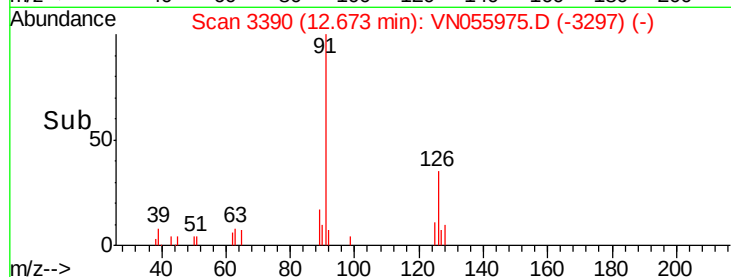
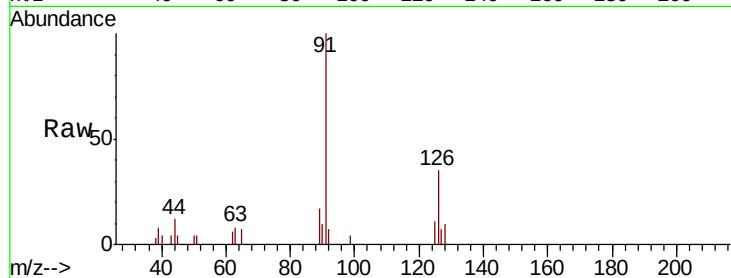
VSTDIC001

Tot Ion: 91 Resp: 8326

Ion Ratio Lower Upper

91 100

126 34.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 1.213 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055975.D

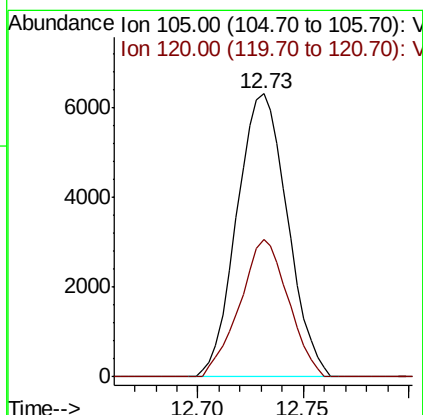
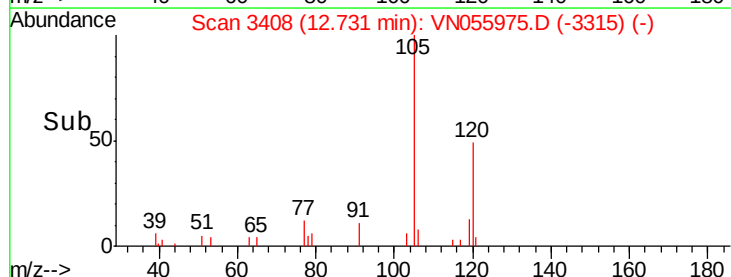
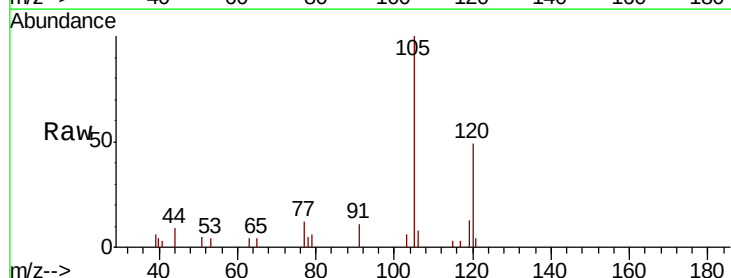
Acq: 4 Jun 2019 8:22

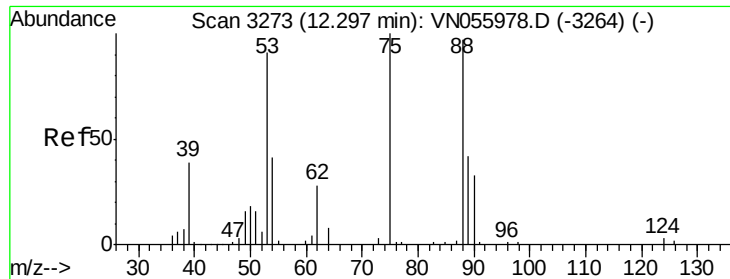
Tgt Ion: 105 Resp: 10483

Ion Ratio Lower Upper

105 100

120 46.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 0.690 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

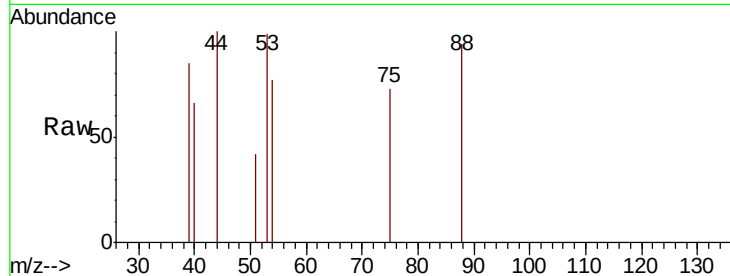
Tot Ion: 75 Resp: 490

Ion Ratio Lower Upper

75 100

53 123.7 68.1 102.1#

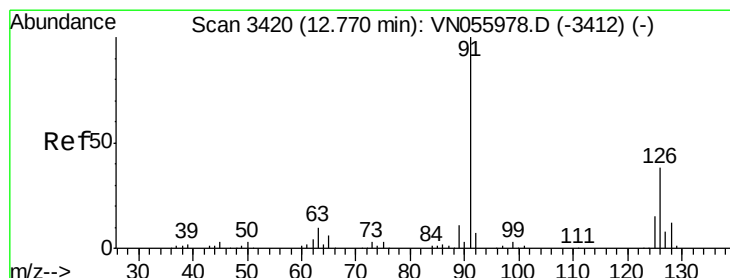
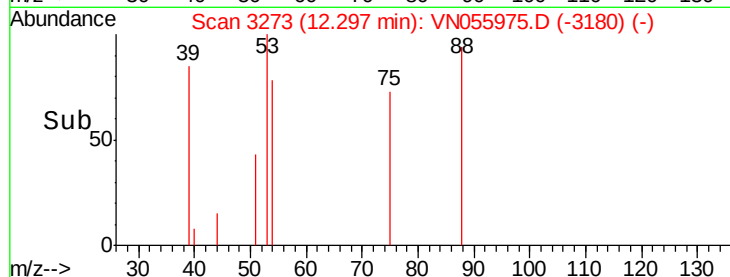
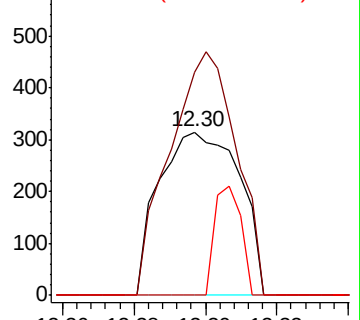
89 22.0 36.9 55.3#



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: 1.124 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055975.D

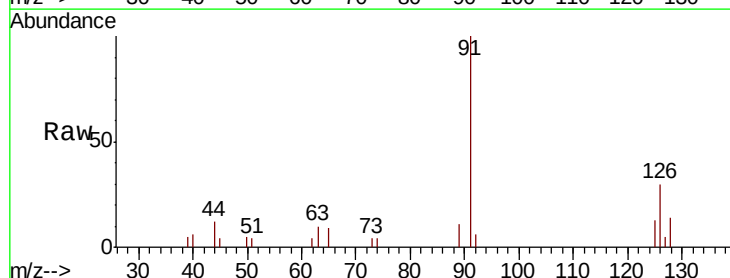
Acq: 4 Jun 2019 8:22

Tgt Ion: 91 Resp: 7153

Ion Ratio Lower Upper

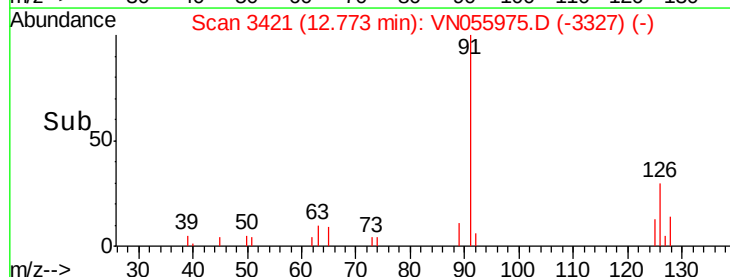
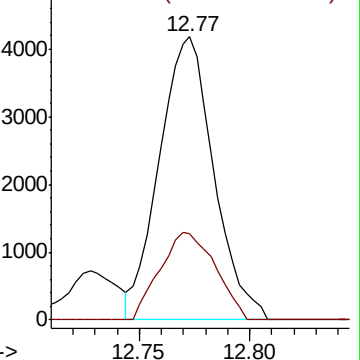
91 100

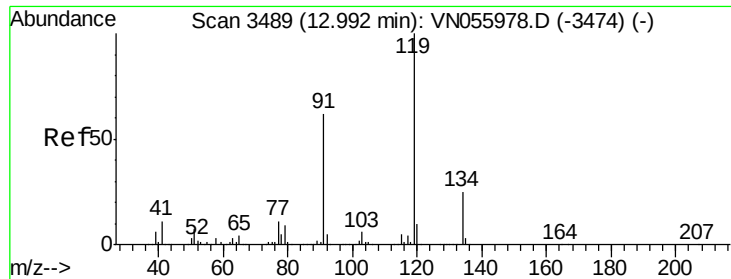
126 31.4 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

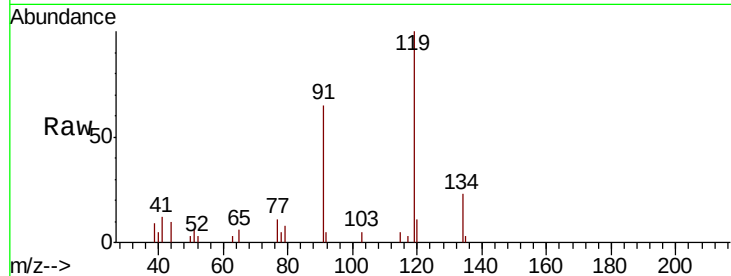




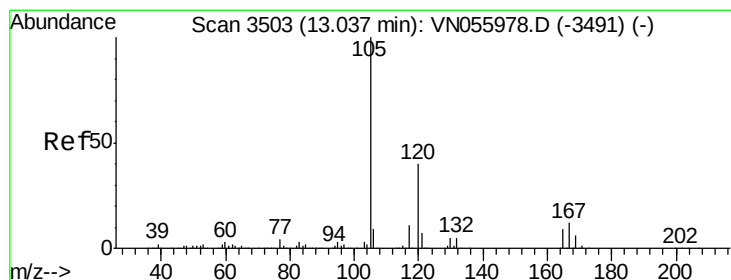
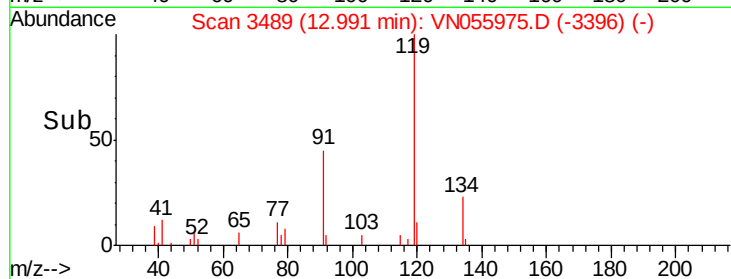
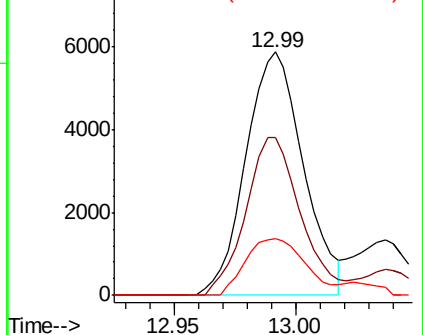
#83  
 tert-Butylbenzene  
 Concen: Below Cal  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tot Ion:119 Resp: 9622  
 Ion Ratio Lower Upper  
 119 100  
 91 62.0 30.9 92.8  
 134 23.7 13.3 39.8

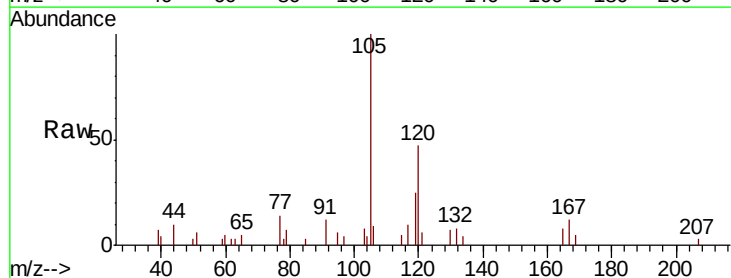


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

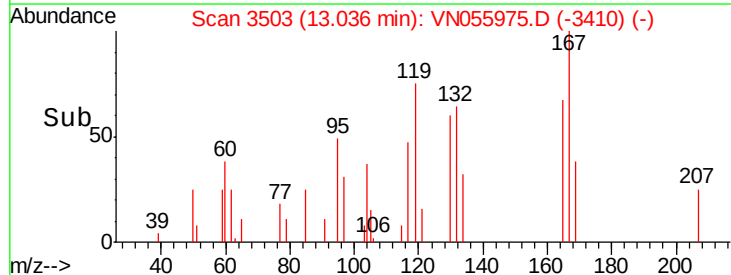
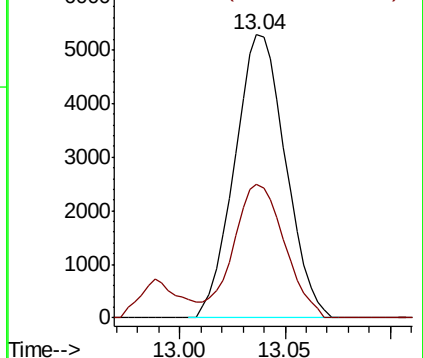


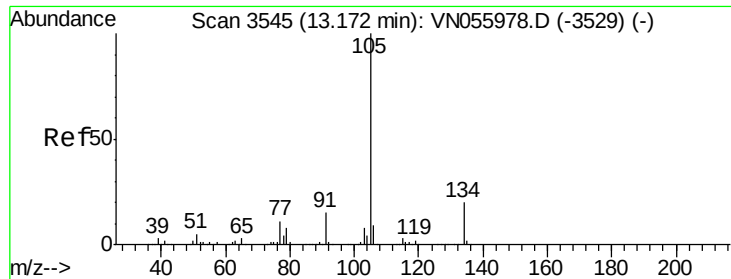
#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.083 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion:105 Resp: 8872  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.174 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampleId :

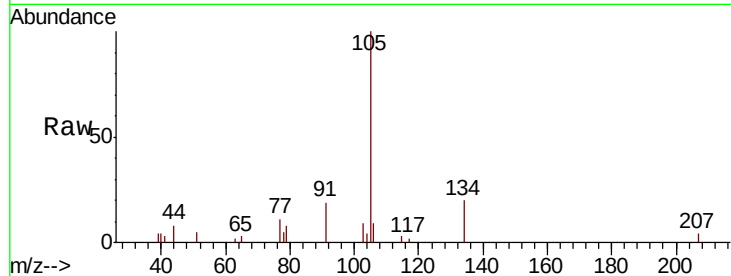
VSTDIC001

Tot Ion:105 Resp: 11303

Ion Ratio Lower Upper

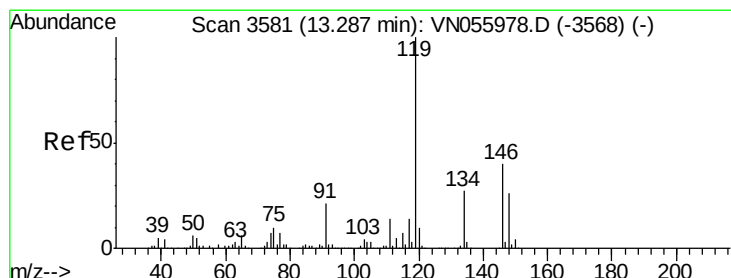
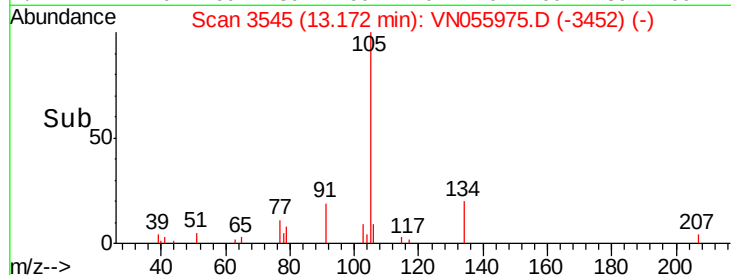
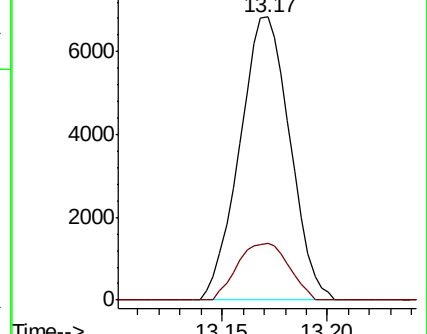
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.114 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

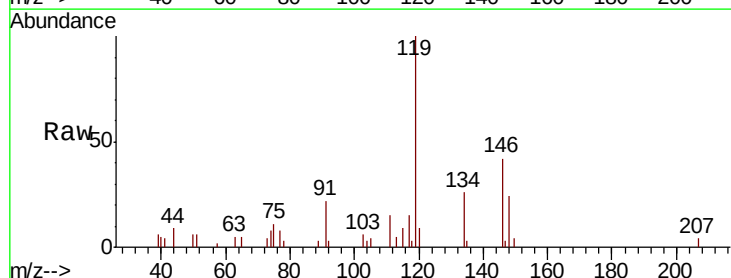
Tgt Ion:119 Resp: 9597

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

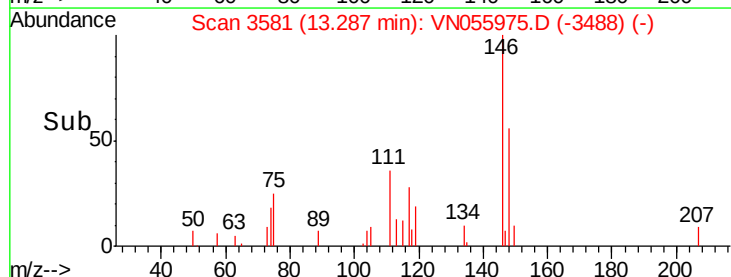
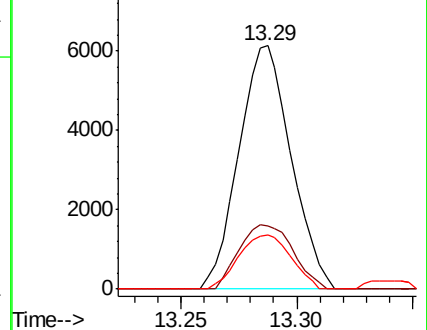
91 22.2 10.9 32.9

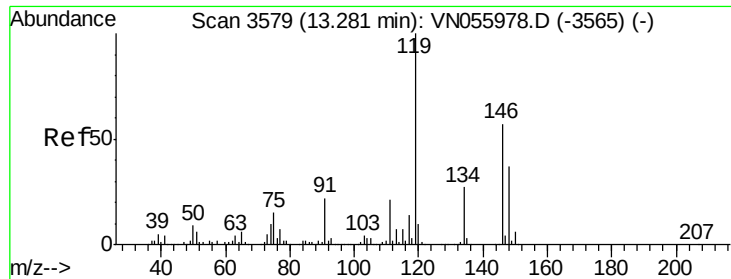


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

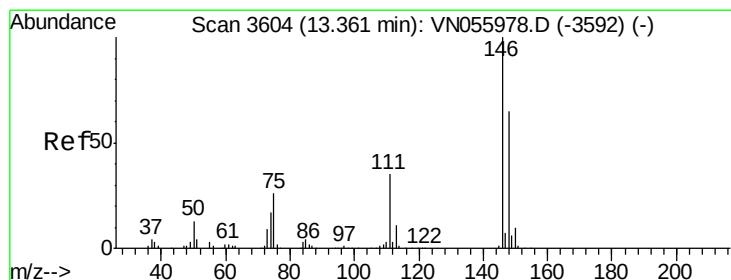
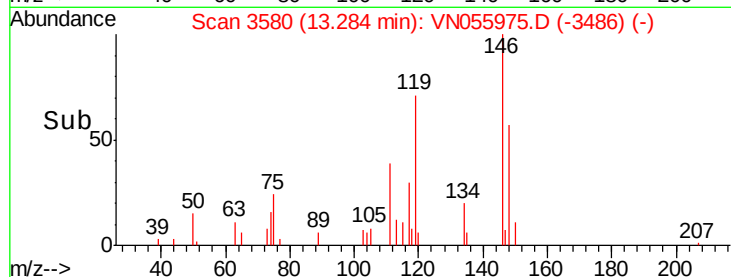
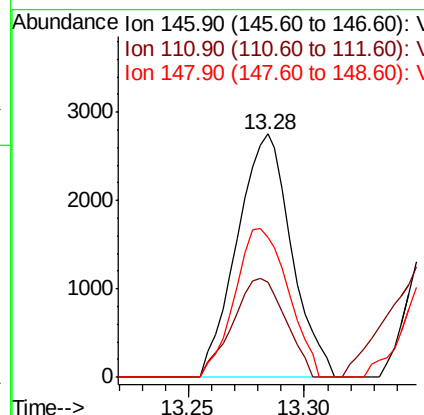
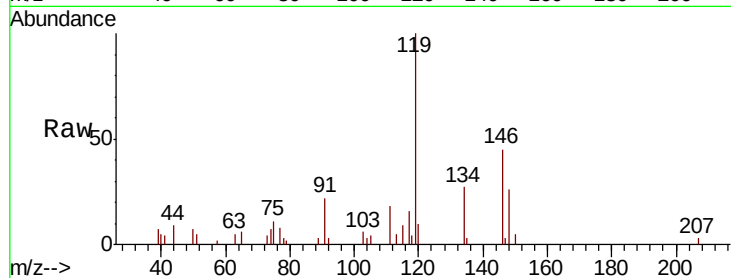




#87  
 1,3-Dichlorobenzene  
 Concen: 1.052 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

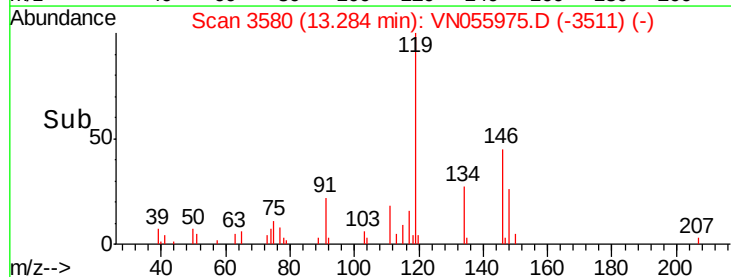
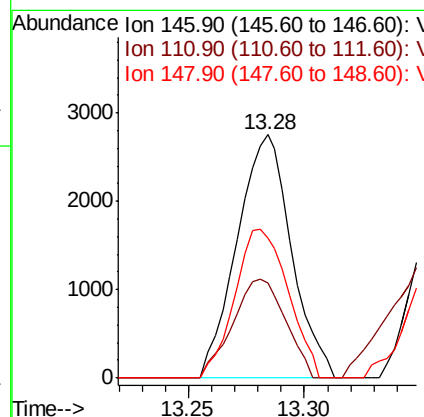
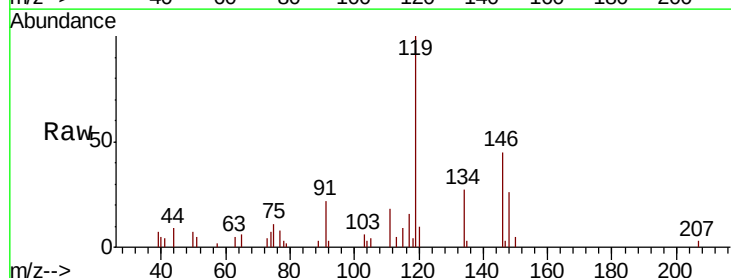
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

Tot Ion:146 Resp: 4482  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 18.5 55.5  
 148 59.9 32.0 96.2

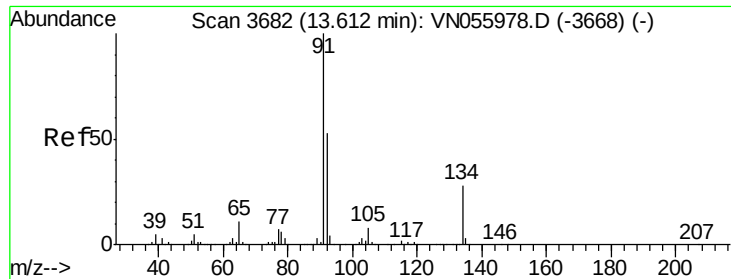


#88  
 1,4-Dichlorobenzene  
 Concen: 1.094 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.08 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion:146 Resp: 4482  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 18.1 54.4  
 148 59.9 32.1 96.5







#89

n-Butylbenzene

Concen: 1.009 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

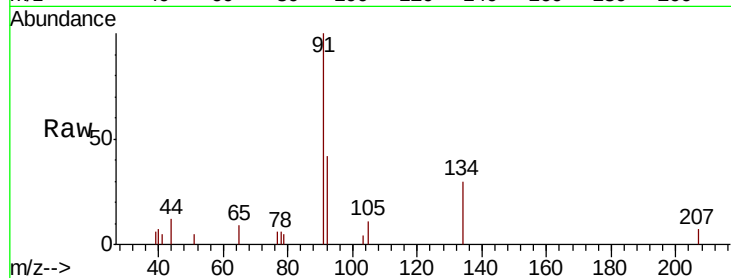
Tot Ion: 91 Resp: 6442

Ion Ratio Lower Upper

91 100

92 43.7 26.4 79.0

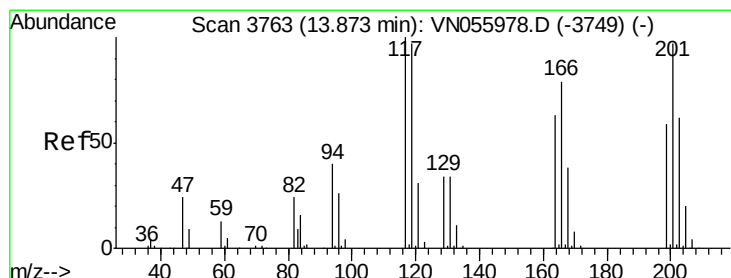
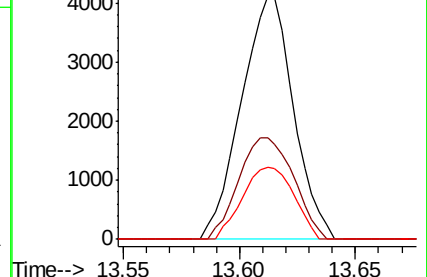
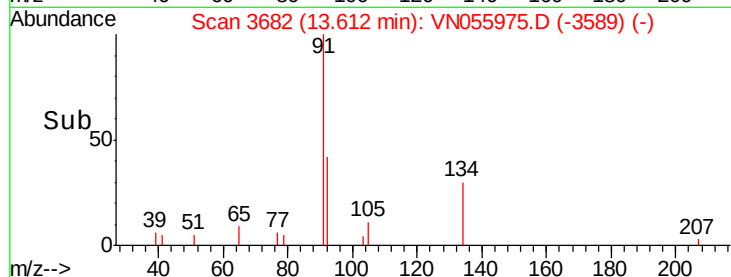
134 29.2 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055975.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055975.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055975.D (-3668) (-)



#90

Hexachloroethane

Concen: 1.012 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN055975.D

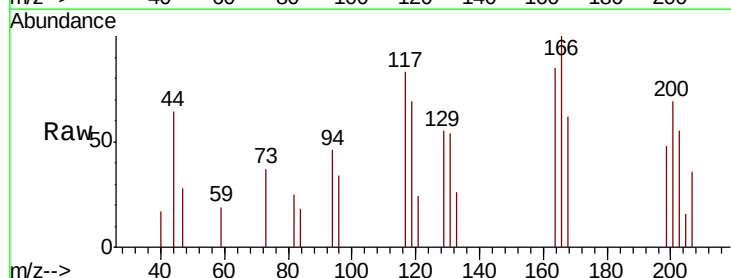
Acq: 4 Jun 2019 8:22

Tgt Ion: 117 Resp: 1315

Ion Ratio Lower Upper

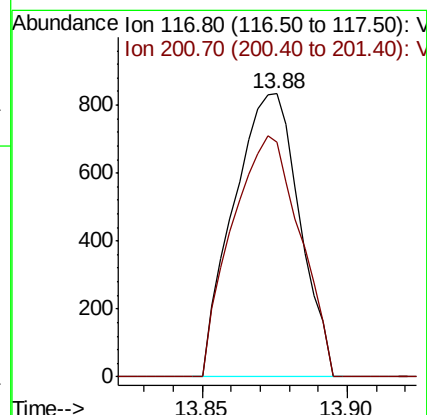
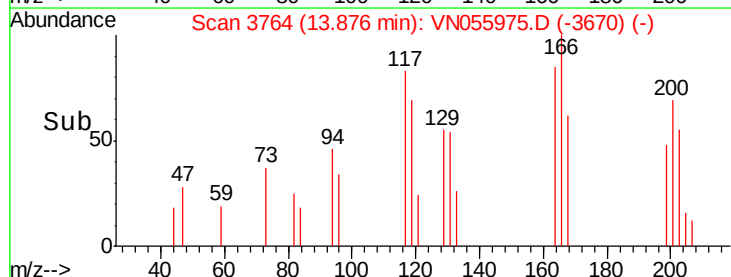
117 100

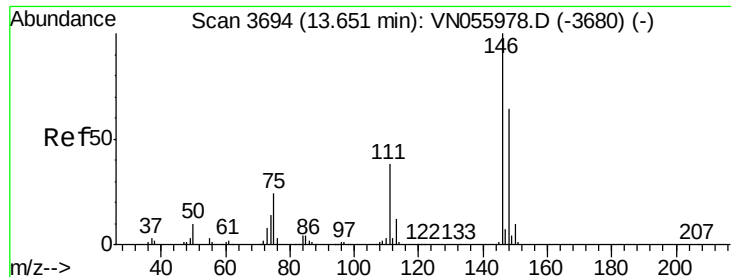
201 87.9 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055975.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055975.D (-3749) (-)

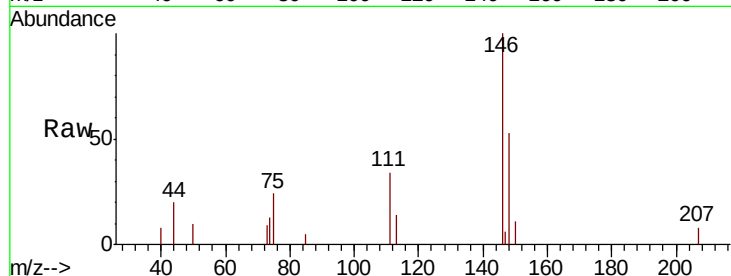




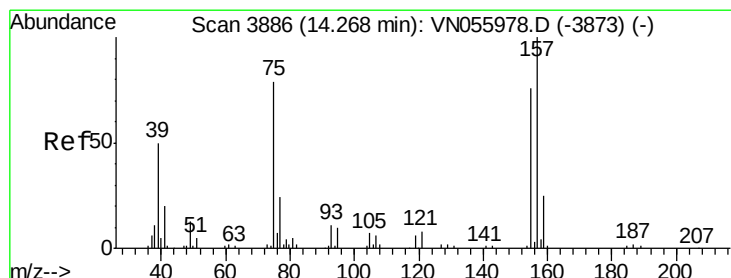
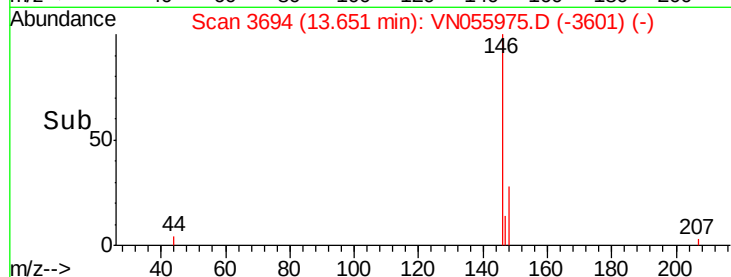
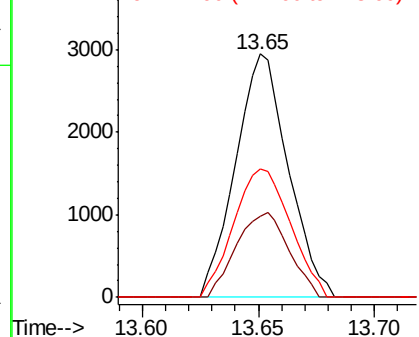
#91  
 1,2-Dichlorobenzene  
 Concen: 1.080 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.8  | 19.1  | 57.5  |
| 148     | 56.8  | 31.9  | 95.9  |

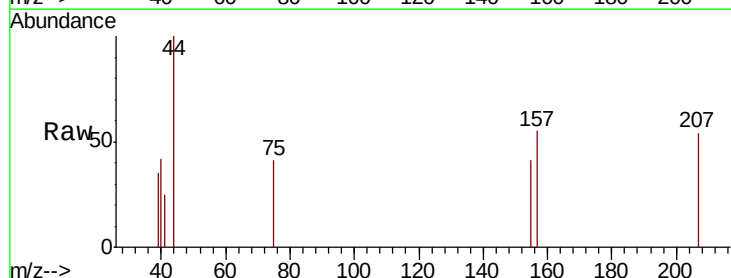


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

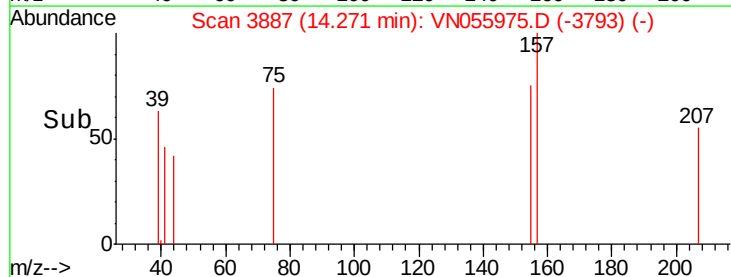
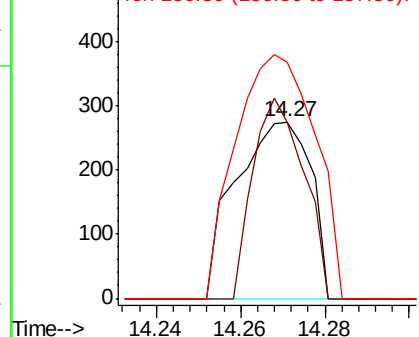


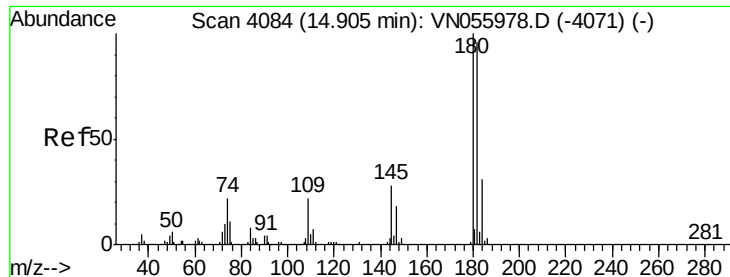
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.792 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.5  | 50.0  | 150.1 |
| 157     | 146.7 | 64.8  | 194.3 |



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

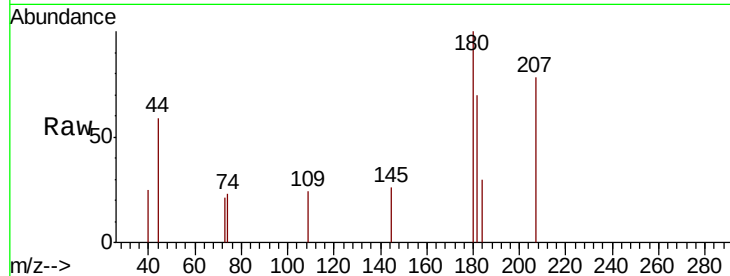




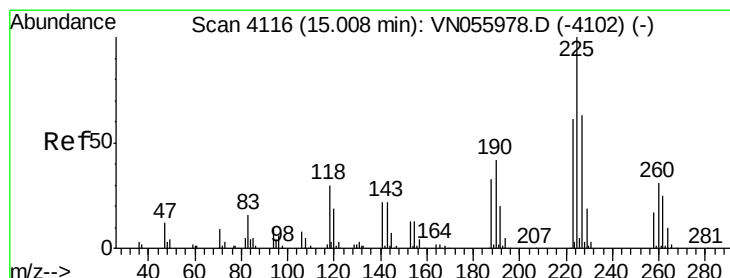
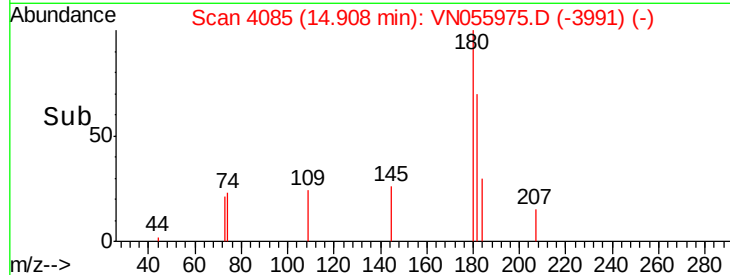
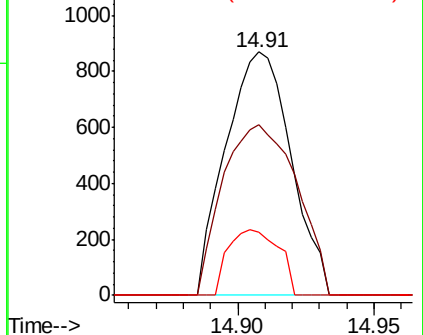
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.827 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tot Ion:180 Resp: 1444  
 Ion Ratio Lower Upper  
 180 100  
 182 79.9 48.3 144.9  
 145 20.8 14.0 41.9

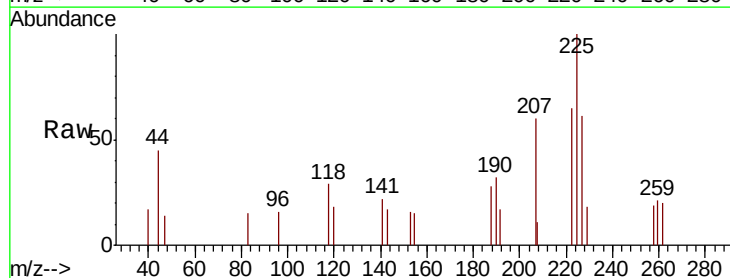


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

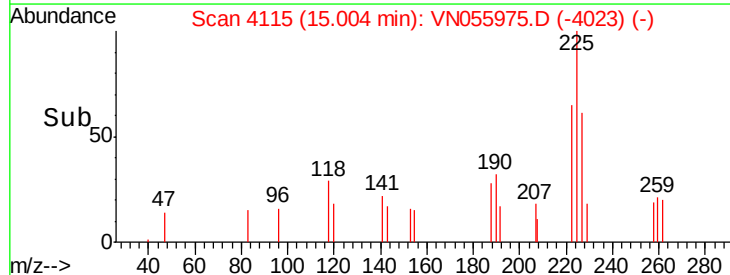
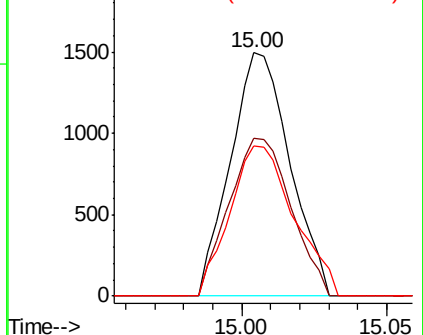


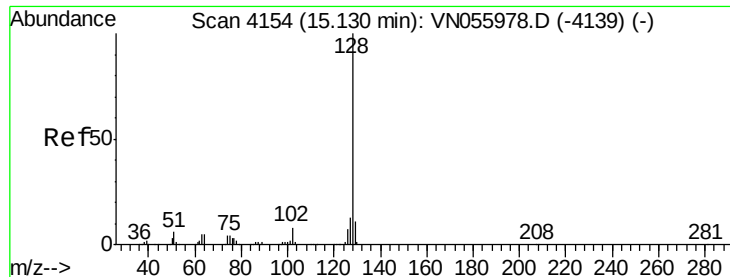
#94  
 Hexachlorobutadiene  
 Concen: Below Cal  
 RT: 15.00 min Scan# 4115  
 Delta R.T. -0.00 min  
 Lab File: VN055975.D  
 Acq: 4 Jun 2019 8:22

Tgt Ion:225 Resp: 2122  
 Ion Ratio Lower Upper  
 225 100  
 223 67.6 30.9 92.7  
 227 66.7 31.6 94.7



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





#95

Naphthalene

Concen: 4.389 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

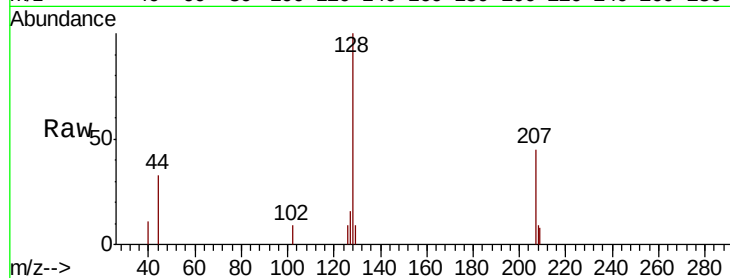
Tot Ion:128 Resp: 3579

Ion Ratio Lower Upper

128 100

127 9.8 10.3 15.5#

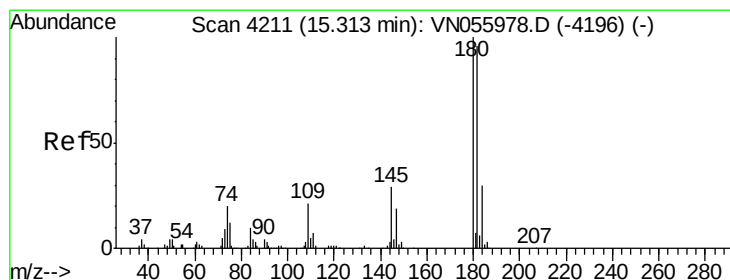
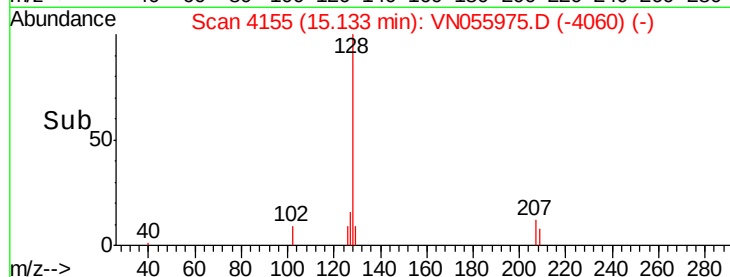
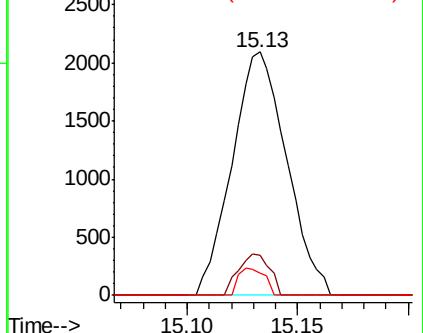
129 5.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.644 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

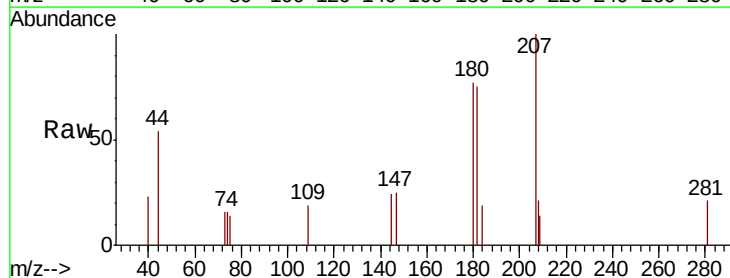
Tgt Ion:180 Resp: 1575

Ion Ratio Lower Upper

180 100

182 98.4 47.9 143.7

145 29.1 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

