

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\  
 Data File : VN056375.D  
 Acq On : 19 Jun 2019 10:02  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 20 04:13:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 04:07:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 365585   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 562795   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 501880   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 217202   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65  | 204809   | 49.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.72%  |      |
| 35) Dibromofluoromethane    | 7.59   | 113 | 178799   | 49.92 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.84%  |      |
| 50) Toluene-d8              | 10.09  | 98  | 691976   | 50.43 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.86% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 235155   | 51.77 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.54% |      |

| Target Compounds              |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 156883  | 49.490  | ug/l 100 |
| 3) Chloromethane              | 2.06 | 50  | 204599  | 48.002  | ug/l 100 |
| 4) Vinyl Chloride             | 2.18 | 62  | 201071  | 48.070  | ug/l 100 |
| 5) Bromomethane               | 2.52 | 94  | 119820  | 49.528  | ug/l 100 |
| 6) Chloroethane               | 2.68 | 64  | 106141  | 44.361  | ug/l 100 |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 256956  | 47.893  | ug/l 100 |
| 8) Diethyl Ether              | 3.41 | 74  | 108100  | 50.300  | ug/l 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 161966  | 46.613  | ug/l 100 |
| 10) Methyl Iodide             | 3.95 | 142 | 237535  | 52.933  | ug/l 100 |
| 11) Tert butyl alcohol        | 4.80 | 59  | 169703  | 261.574 | ug/l 100 |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 160290  | 47.671  | ug/l 100 |
| 13) Acrolein                  | 3.60 | 56  | 142063  | 566.052 | ug/l 100 |
| 14) Allyl chloride            | 4.32 | 41  | 271673  | 48.279  | ug/l 100 |
| 15) Acrylonitrile             | 4.99 | 53  | 470629  | 255.437 | ug/l 100 |
| 16) Acetone                   | 3.82 | 43  | 497232  | 224.152 | ug/l 100 |
| 17) Carbon Disulfide          | 4.05 | 76  | 368662  | 42.022  | ug/l 100 |
| 18) Methyl Acetate            | 4.32 | 43  | 192679  | 39.665  | ug/l 100 |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 526131  | 50.956  | ug/l 100 |
| 20) Methylene Chloride        | 4.55 | 84  | 192393  | 48.208  | ug/l 100 |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 171899  | 48.120  | ug/l 100 |
| 22) Diisopropyl ether         | 5.95 | 45  | 559415  | 50.186  | ug/l 100 |
| 23) Vinyl Acetate             | 5.90 | 43  | 2344440 | 259.033 | ug/l 100 |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 319726  | 49.080  | ug/l 100 |
| 25) 2-Butanone                | 6.84 | 43  | 681175  | 249.840 | ug/l 100 |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 223948  | 47.672  | ug/l 100 |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 203696  | 49.068  | ug/l 100 |
| 28) Bromochloromethane        | 7.19 | 49  | 160273  | 49.151  | ug/l 100 |
| 29) Tetrahydrofuran           | 7.21 | 42  | 411398  | 252.432 | ug/l 100 |
| 30) Chloroform                | 7.37 | 83  | 313202  | 48.346  | ug/l 100 |
| 31) Cyclohexane               | 7.65 | 56  | 296984  | 47.297  | ug/l 100 |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 256924  | 48.026  | ug/l 100 |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 240570  | 47.936  | ug/l 100 |
| 37) Ethyl Acetate             | 6.93 | 43  | 254098  | 53.172  | ug/l 100 |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 212511  | 44.680  | ug/l 100 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\  
 Data File : VN056375.D  
 Acq On : 19 Jun 2019 10:02  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 20 04:13:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 04:07:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 296809   | 48.582  | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 742642   | 48.819  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.17  | 41   | 102516   | 47.902  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 241256   | 48.412  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 382763   | 50.155  | ug/l   | 100      |
| 44) Trichloroethene            | 8.83  | 130  | 202205   | 48.782  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 200623   | 49.811  | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 127211   | 47.751  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.40  | 83   | 230210   | 45.619  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 185517   | 48.527  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.20  | 88   | 74483    | 968.445 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1227122  | 252.721 | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 457047   | 49.335  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 246539   | 48.940  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 289737   | 49.650  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 186406   | 48.752  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.43 | 69   | 282561   | 51.476  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 313268   | 48.693  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 502035   | 276.709 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 896885   | 249.462 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 181329   | 45.998  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 194484   | 49.571  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 189615   | 46.570  | ug/l   | 100      |
| 65) Chlorobenzene              | 11.43 | 112  | 495147   | 48.846  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 174556   | 46.422  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 871991   | 50.016  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 657204   | 101.468 | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 320153   | 50.152  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 538807   | 52.309  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 126509   | 44.178  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 844942   | 45.575  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 319364   | 46.853  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 262148   | 43.287  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 307601   | 66.841  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 222480   | 45.559  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 927223   | 47.829  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 567716   | 45.955  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 704299   | 46.694  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 61446    | 42.536  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 551021   | 48.345  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 616821   | 45.557  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 688230   | 48.952  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 805186   | 47.275  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 714290   | 49.023  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 358983   | 48.761  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 340657   | 48.240  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.61 | 91   | 551800   | 50.579  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 110205   | 39.500  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 359099   | 49.704  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 40927    | 44.252  | ug/l   | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\  
Data File : VN056375.D  
Acq On : 19 Jun 2019 10:02  
Operator : JC/SP  
Sample : VSTDICCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

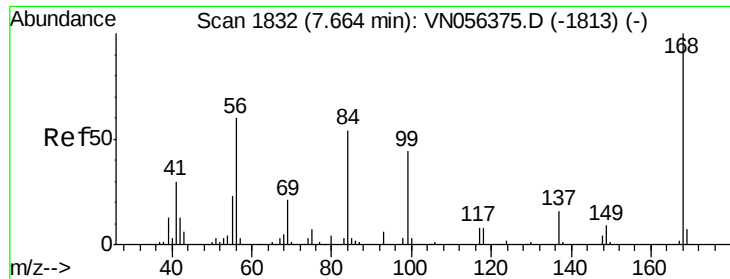
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Quant Time: Jun 20 04:13:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061919W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 04:07:05 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 164847   | 54.193 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 126164   | 43.701 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 438867   | 53.540 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 178605   | 54.513 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

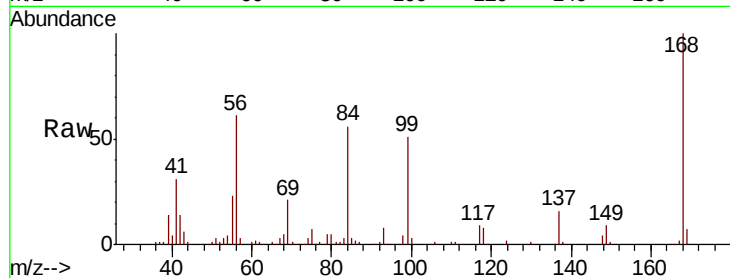
VSTDICCC050

Tot Ion:168 Resp: 365585

Ion Ratio Lower Upper

168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.66

150000

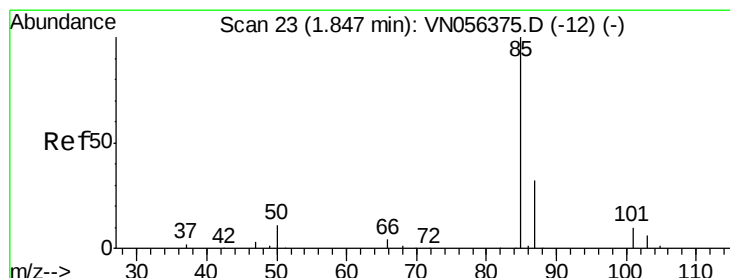
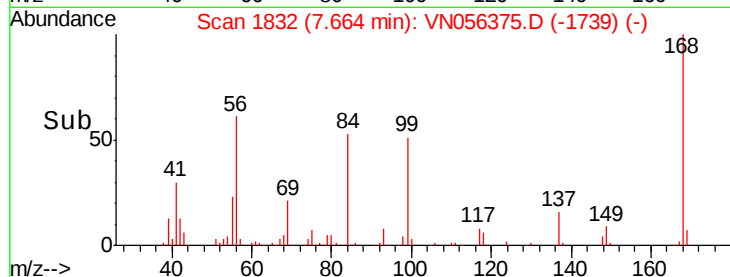
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.490 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056375.D

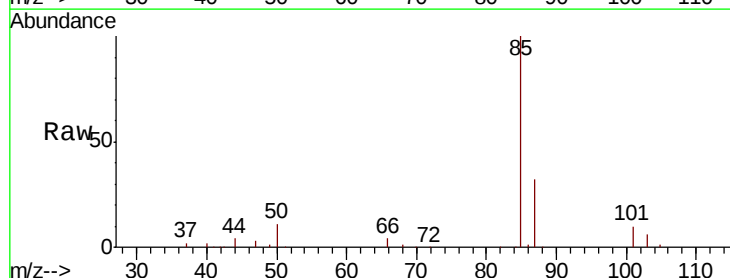
Acq: 19 Jun 2019 10:02

Tgt Ion: 85 Resp: 156883

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056375.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056375.D (-12) (-)

1.85

100000

80000

60000

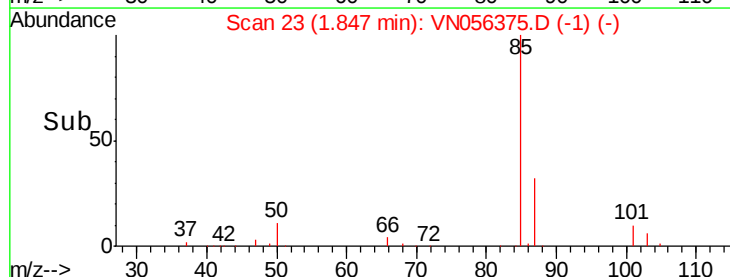
40000

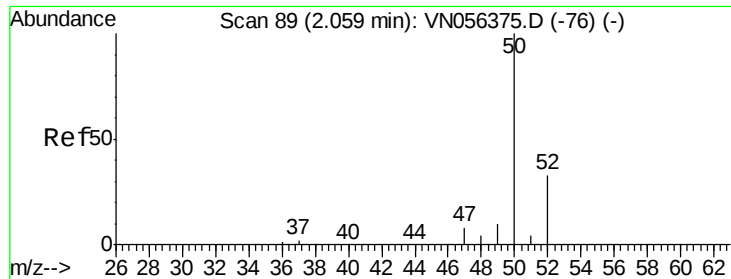
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.002 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

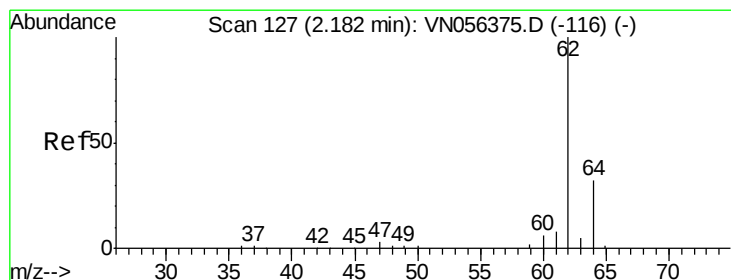
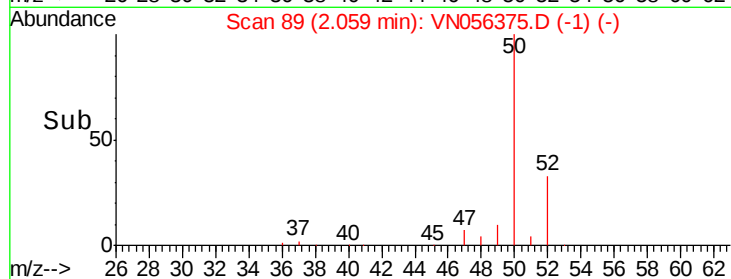
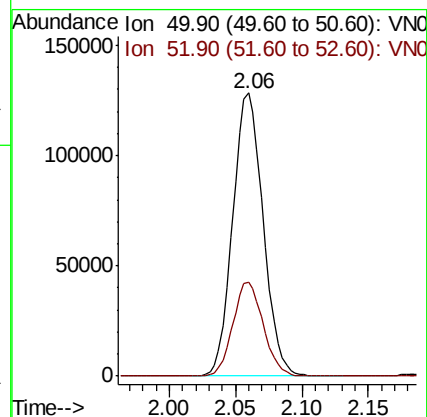
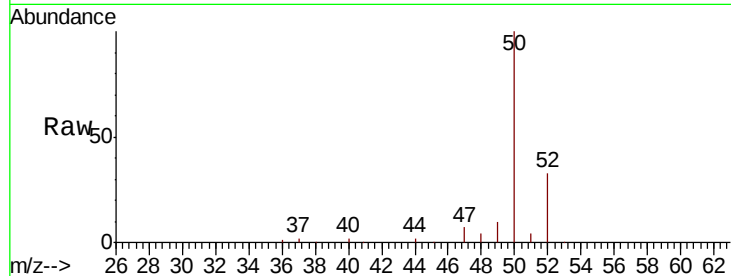
VSTDICCC050

Tot Ion: 50 Resp: 204599

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 48.070 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056375.D

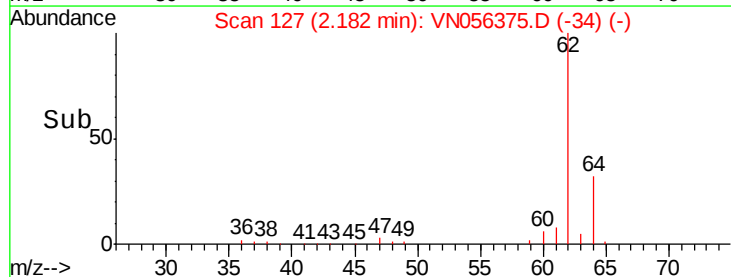
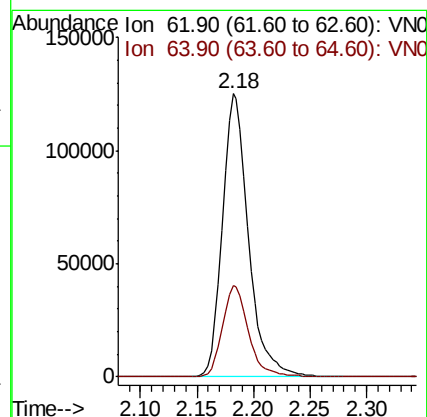
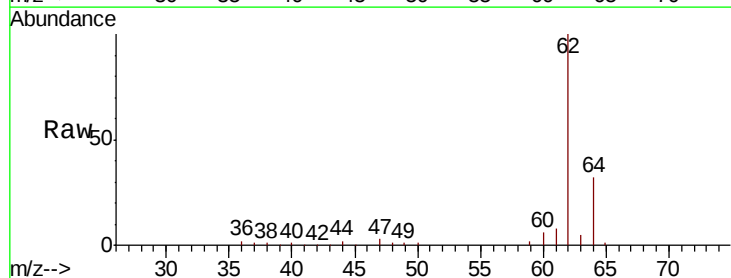
Acq: 19 Jun 2019 10:02

Tgt Ion: 62 Resp: 201071

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 49.528 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

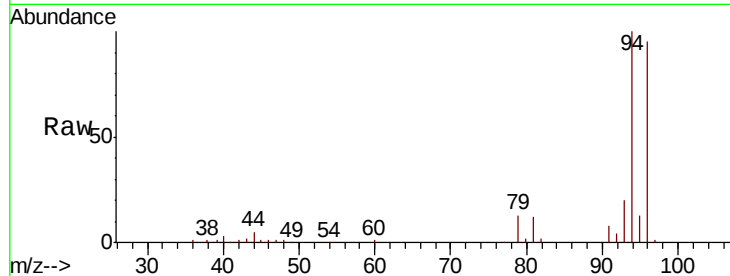
VSTDICCC050

Tot Ion: 94 Resp: 119820

Ion Ratio Lower Upper

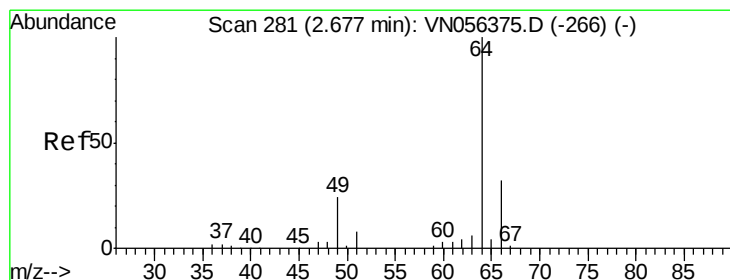
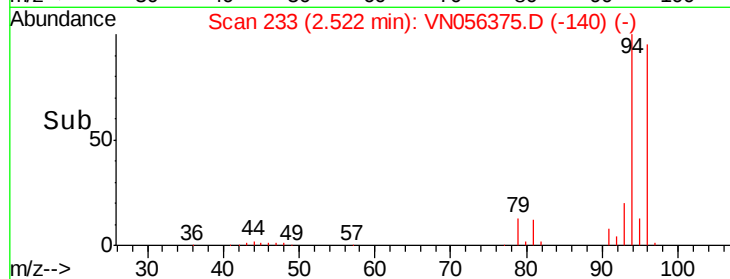
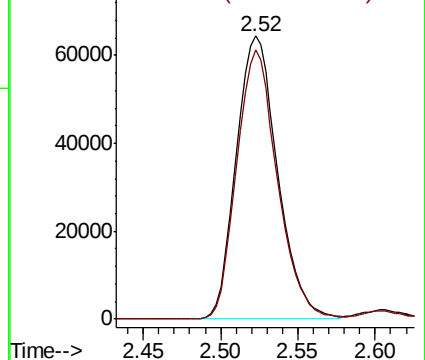
94 100

96 95.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.361 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN056375.D

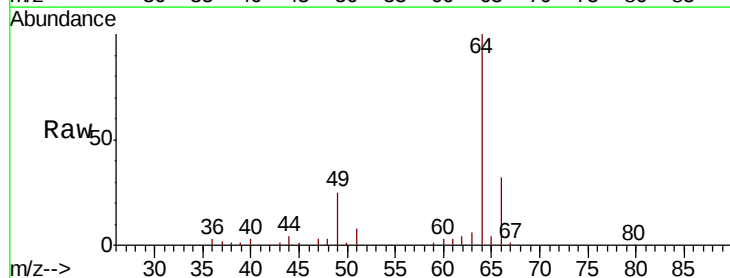
Acq: 19 Jun 2019 10:02

Tgt Ion: 64 Resp: 106141

Ion Ratio Lower Upper

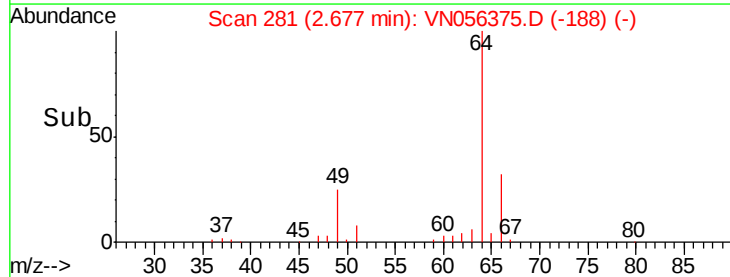
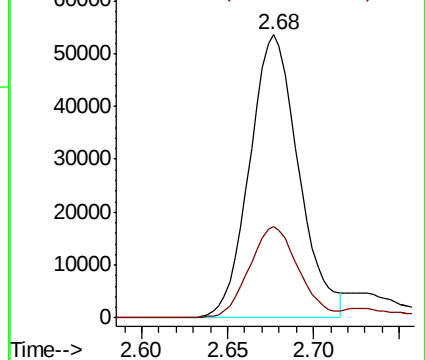
64 100

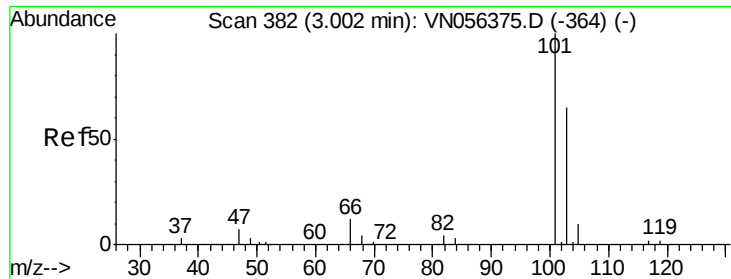
66 32.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



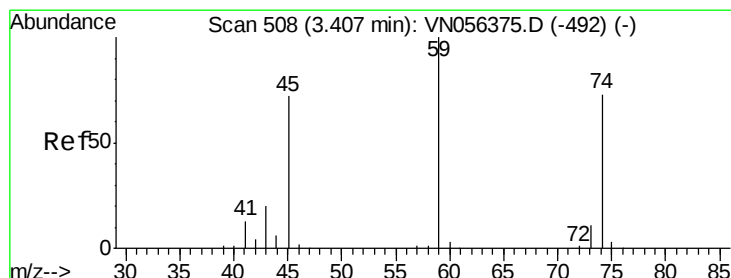
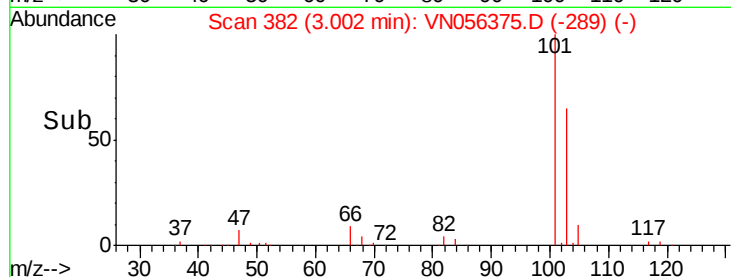
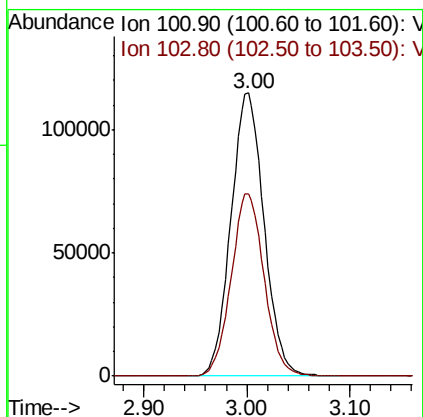
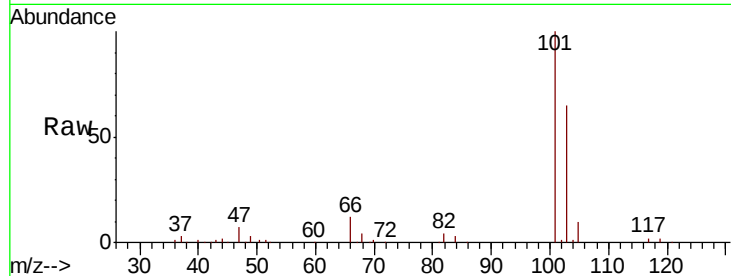


#7

Trichlorofluoromethane  
 Concen: 47.893 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

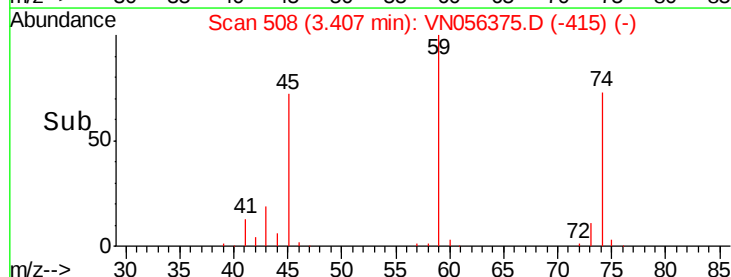
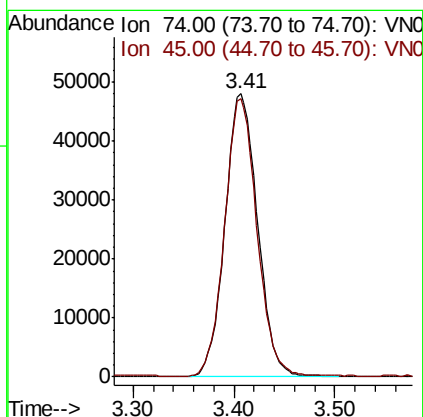
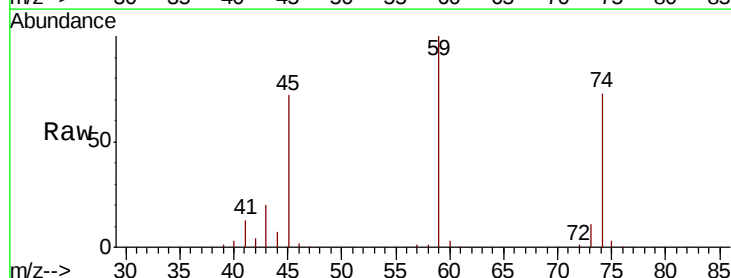
Tot Ion:101 Resp: 256956  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 51.7 77.5

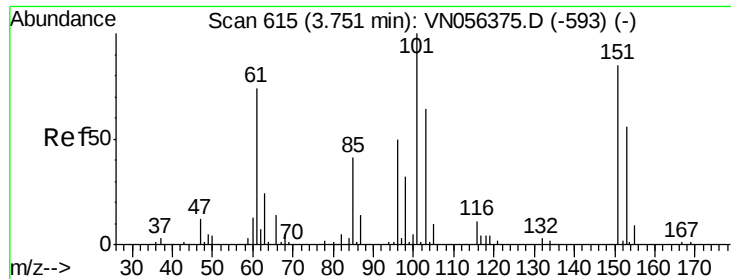


#8

Diethyl Ether  
 Concen: 50.300 ug/l  
 RT: 3.41 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion: 74 Resp: 108100  
 Ion Ratio Lower Upper  
 74 100  
 45 97.7 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.613 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

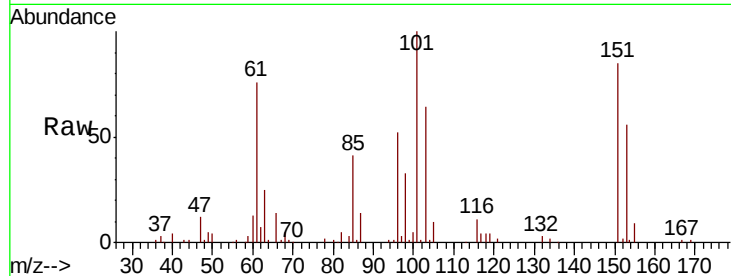
Tot Ion:101 Resp: 161966

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

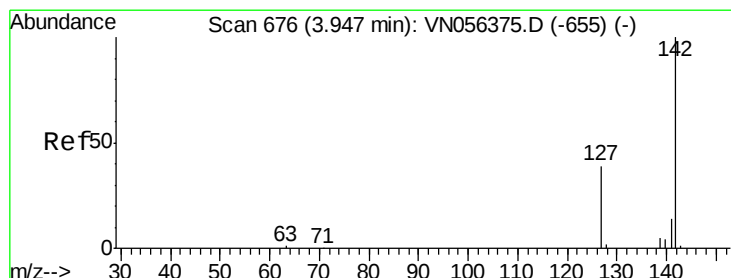
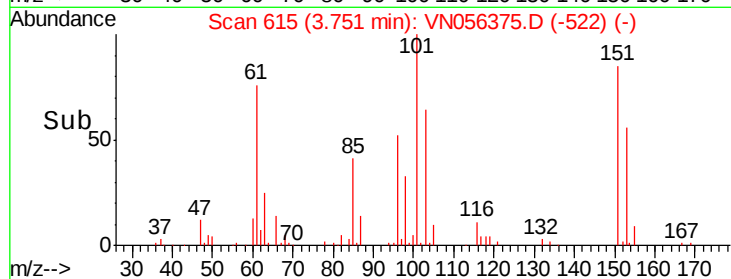
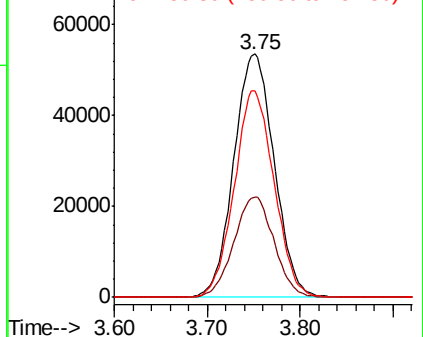
151 83.5 66.8 100.2



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: 52.933 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

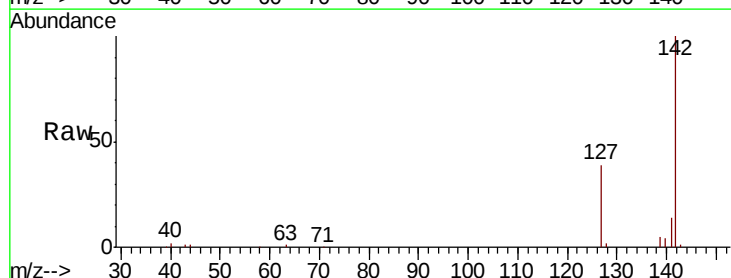
Tgt Ion:142 Resp: 237535

Ion Ratio Lower Upper

142 100

127 38.3 30.6 46.0

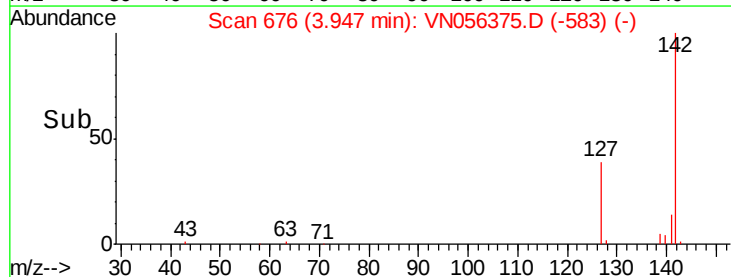
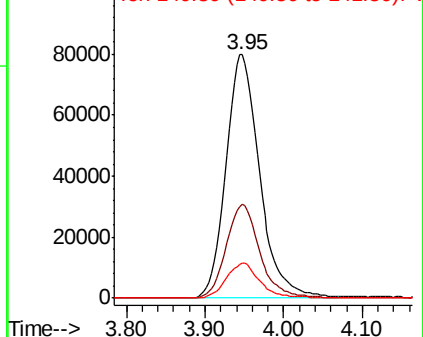
141 14.3 11.4 17.2

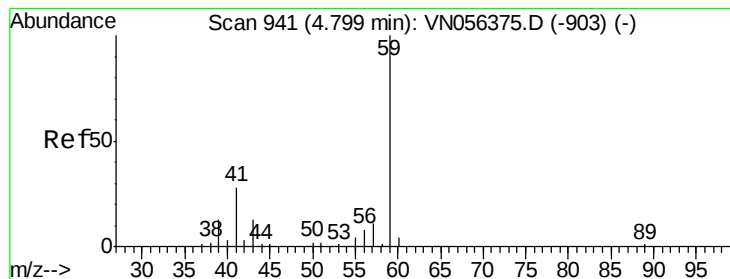


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



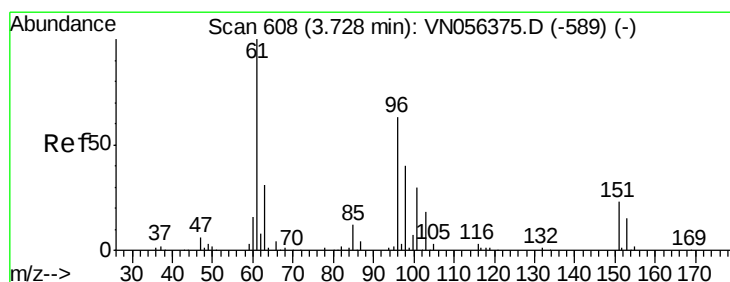
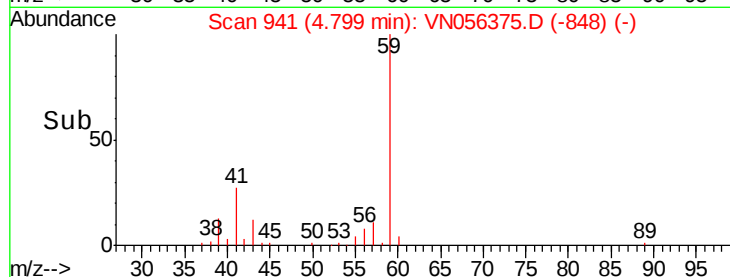
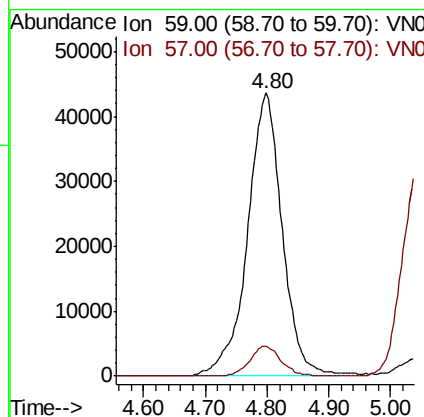
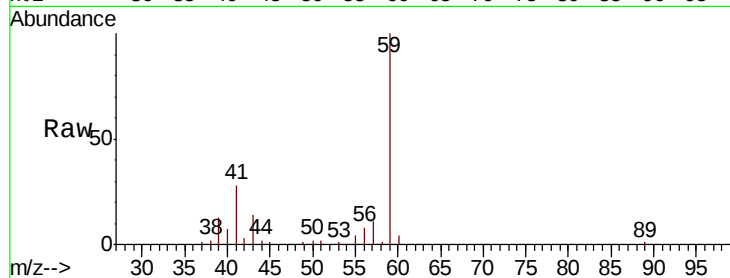


#11

Tert butyl alcohol  
 Concen: 261.574 ug/l  
 RT: 4.80 min Scan# 941  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

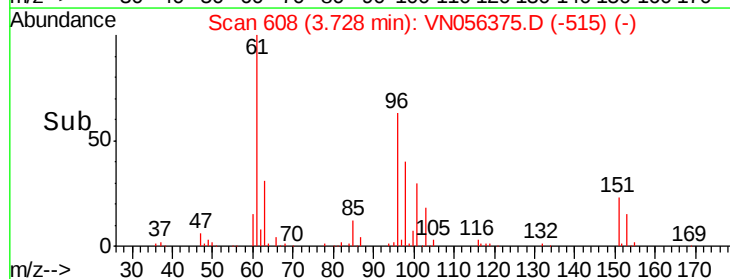
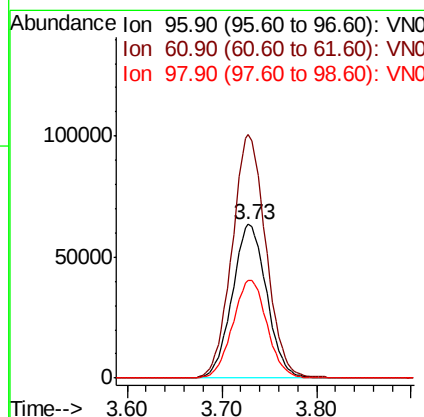
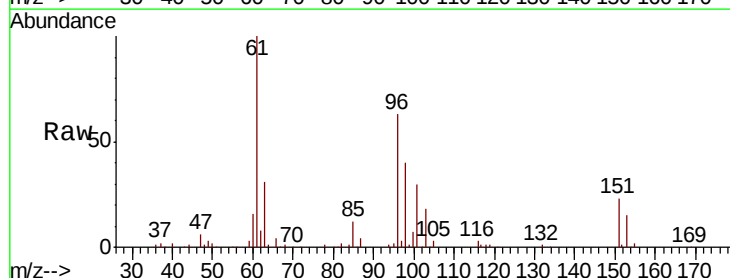
Tot Ion: 59 Resp: 169703  
 Ion Ratio Lower Upper  
 59 100  
 57 9.5 7.6 11.4

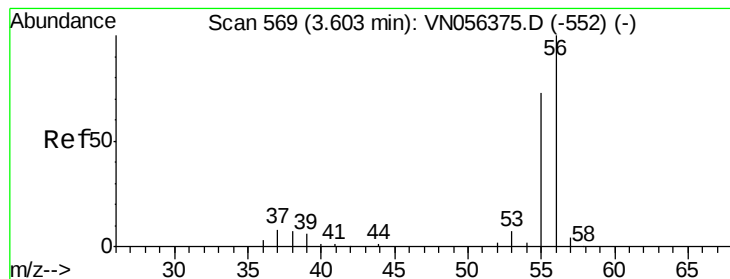


#12

1,1-Dichloroethene  
 Concen: 47.671 ug/l  
 RT: 3.73 min Scan# 608  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion: 96 Resp: 160290  
 Ion Ratio Lower Upper  
 96 100  
 61 158.3 126.6 190.0  
 98 63.9 51.1 76.7





#13

Acrolein

Concen: 566.052 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

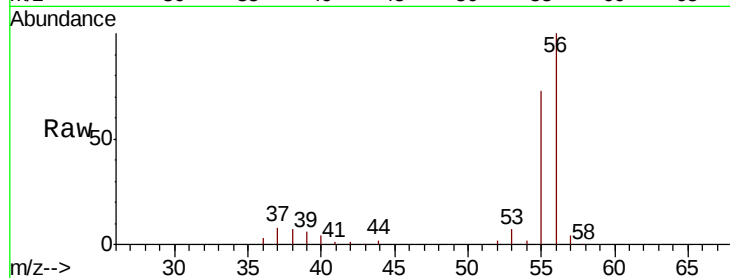
VSTDICCC050

Tot Ion: 56 Resp: 142063

Ion Ratio Lower Upper

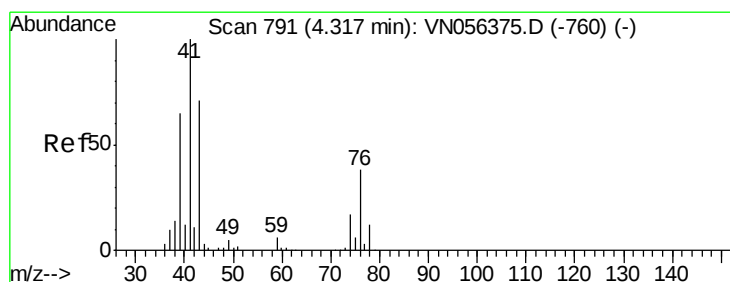
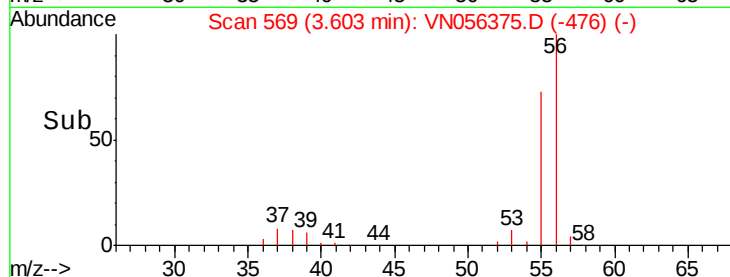
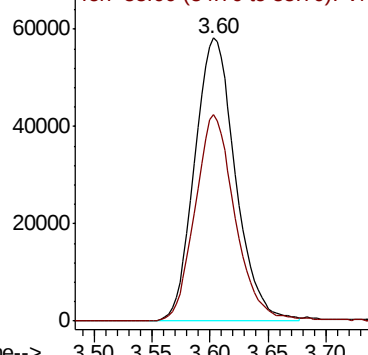
56 100

55 71.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.279 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

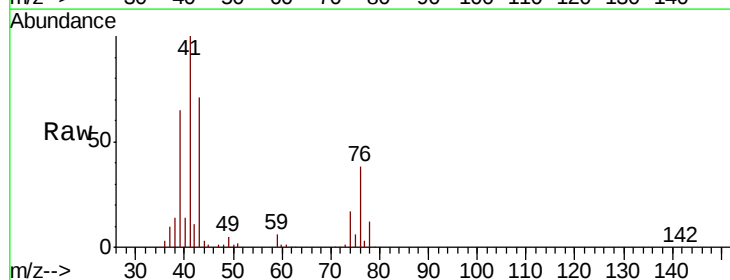
Tgt Ion: 41 Resp: 271673

Ion Ratio Lower Upper

41 100

39 60.8 48.6 73.0

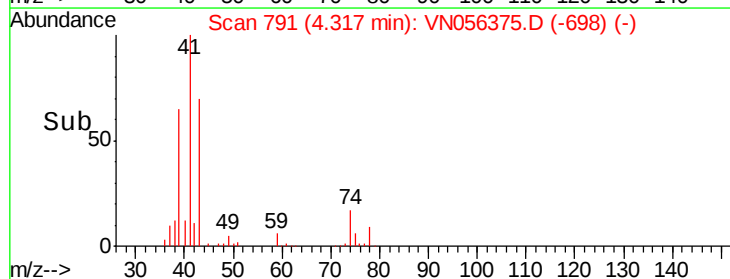
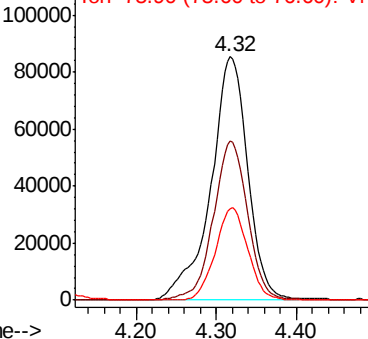
76 33.3 26.6 40.0

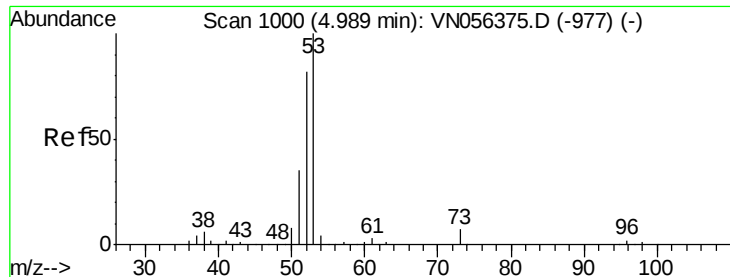


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 255.437 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

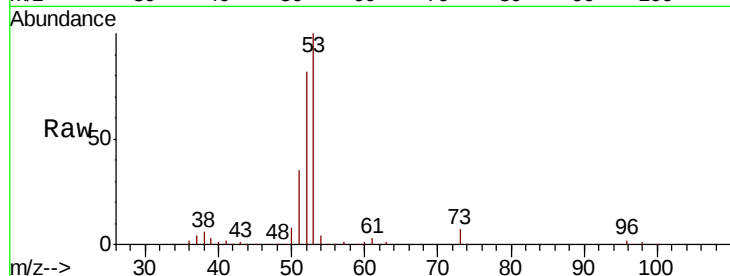
MSVOA\_N

ClientSampleId :

VSTDICCC050

Tot Ion: 53 Resp: 470629

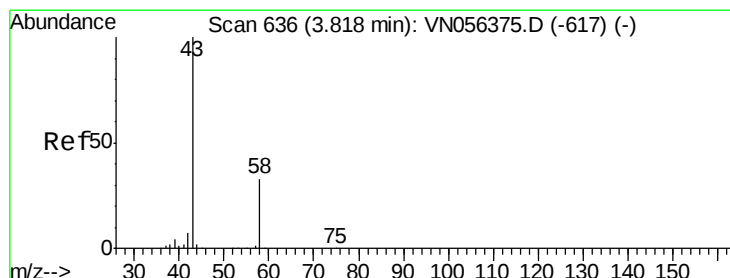
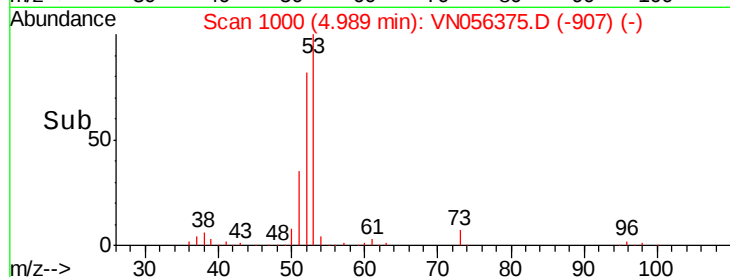
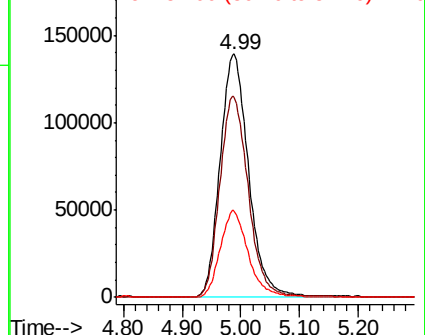
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.4  | 65.9  | 98.9  |
| 51  | 35.4  | 28.3  | 42.5  |



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: 224.152 ug/l

RT: 3.82 min Scan# 636

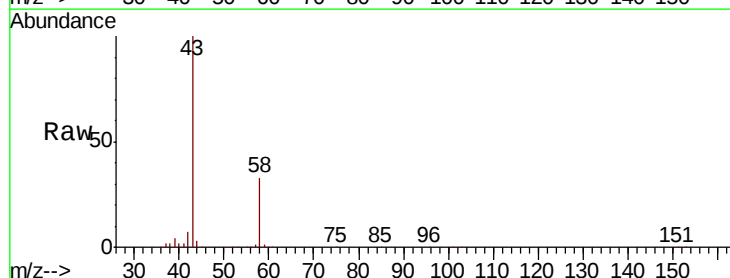
Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

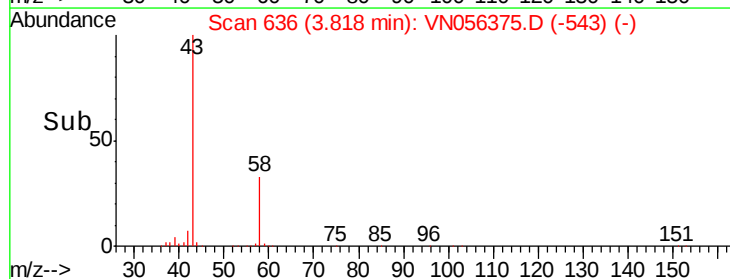
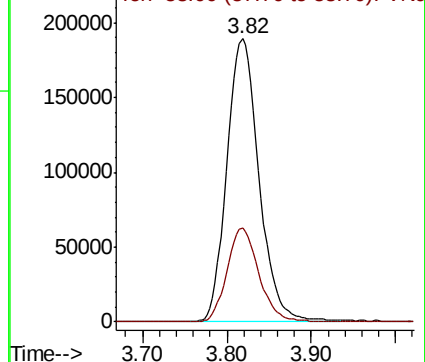
Tgt Ion: 43 Resp: 497232

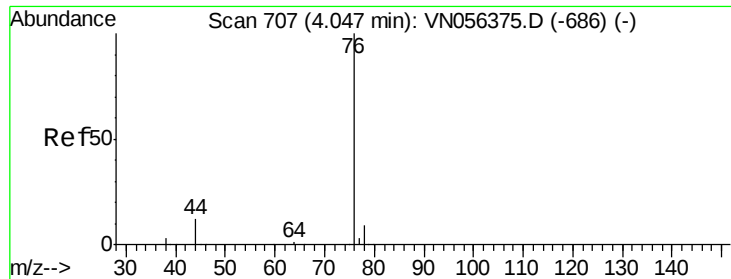
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 33.0  | 26.4  | 39.6  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

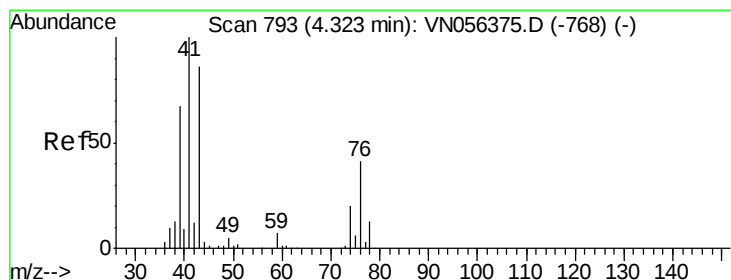
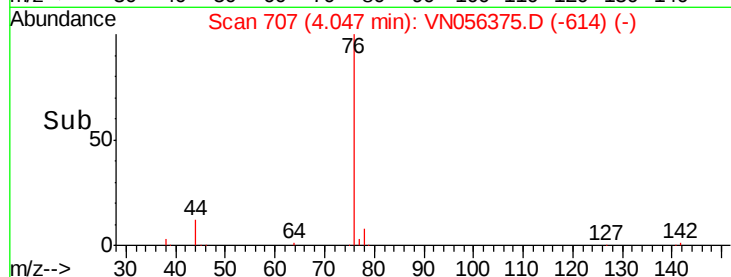
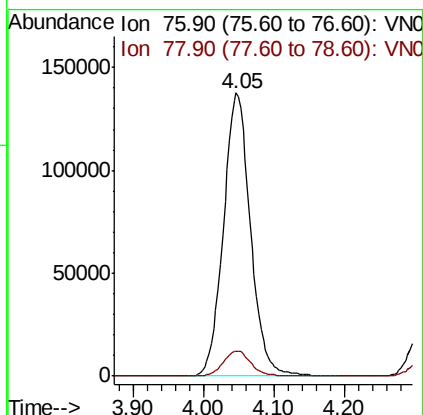
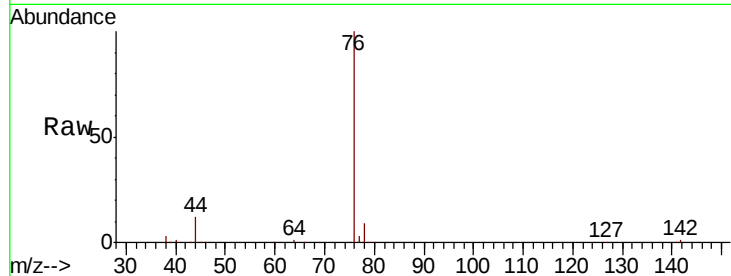




#17  
Carbon Disulfide  
Concen: 42.022 ug/l  
RT: 4.05 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

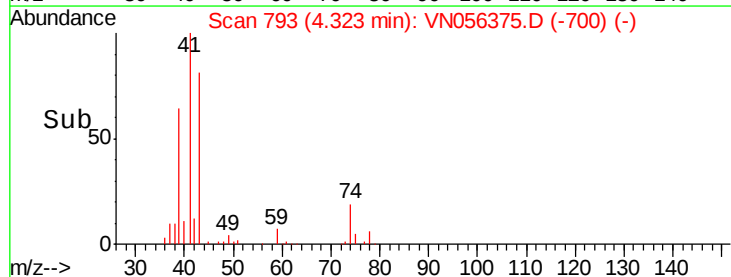
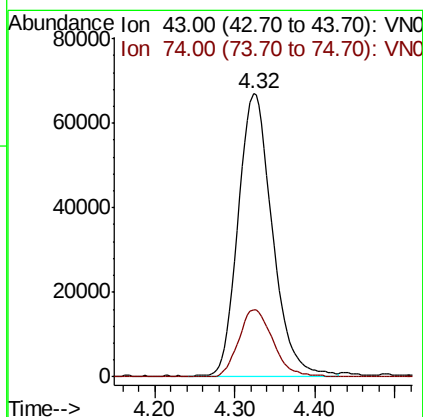
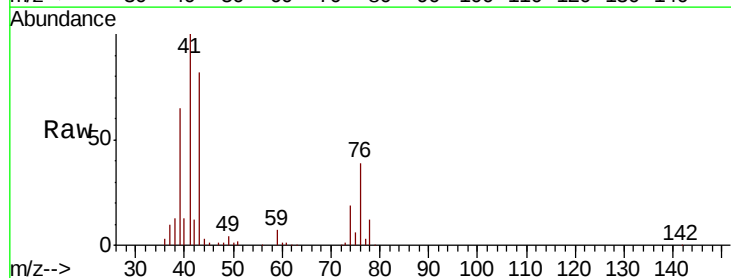
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

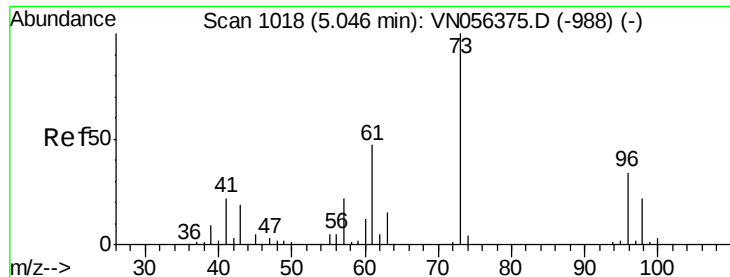
Tot Ion: 76 Resp: 368662  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7



#18  
Methyl Acetate  
Concen: 39.665 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 43 Resp: 192679  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.2 28.8

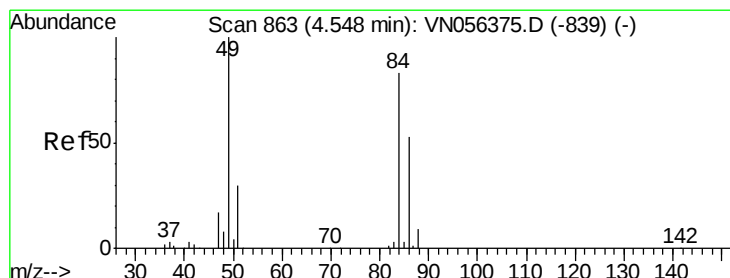
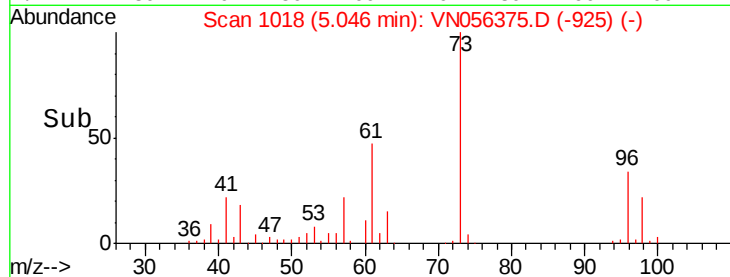
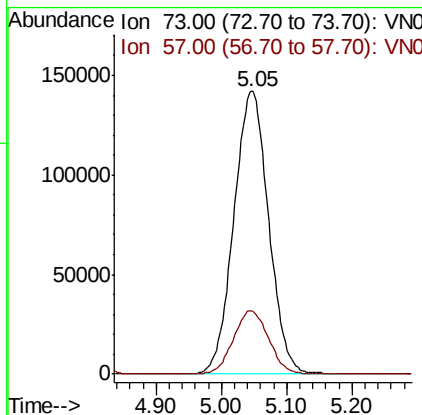
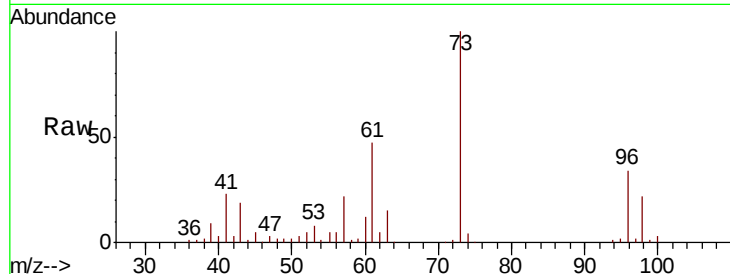




#19  
Methvl tert-butvl Ether  
Concen: 50.956 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

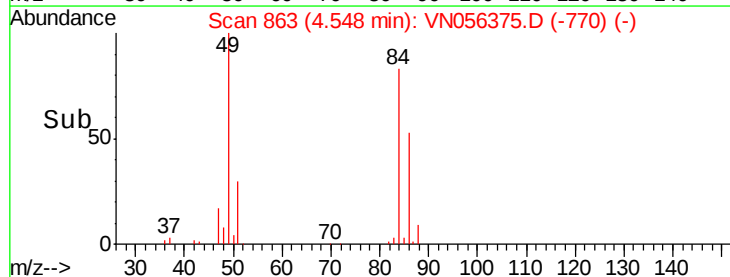
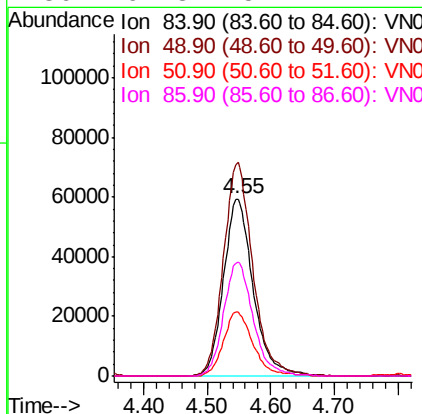
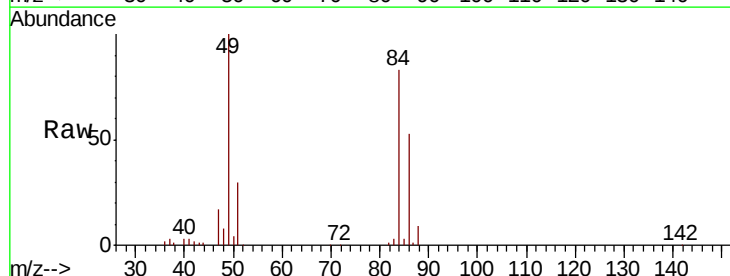
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

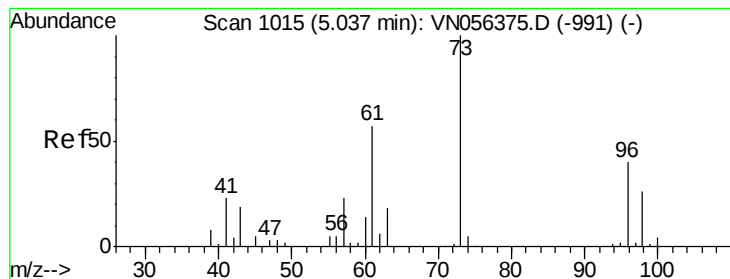
Tot Ion: 73 Resp: 526131  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.9 26.9



#20  
Methylene Chloride  
Concen: 48.208 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 84 Resp: 192393  
Ion Ratio Lower Upper  
84 100  
49 120.5 96.4 144.6  
51 35.8 28.6 43.0  
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.120 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

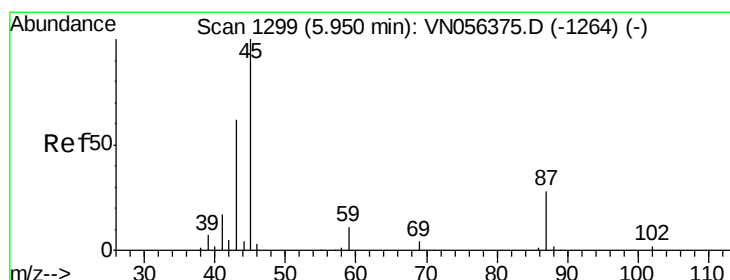
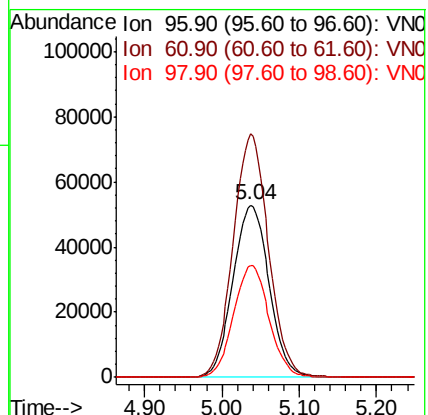
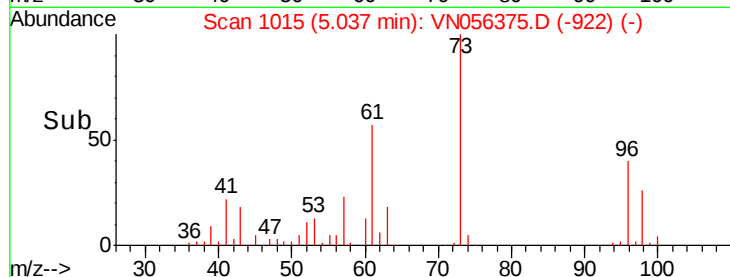
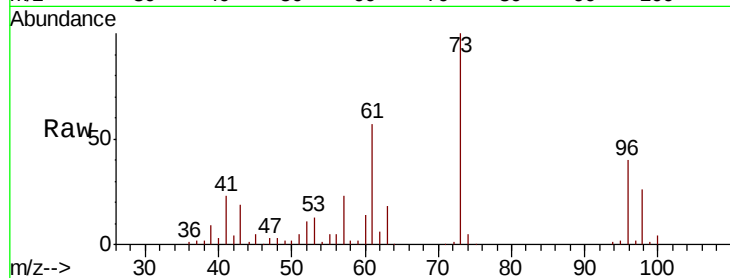
Tot Ion: 96 Resp: 171899

Ion Ratio Lower Upper

96 100

61 141.3 113.0 169.6

98 65.2 52.2 78.2



#22

Diisopropyl ether

Concen: 50.186 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Tgt Ion: 45 Resp: 559415

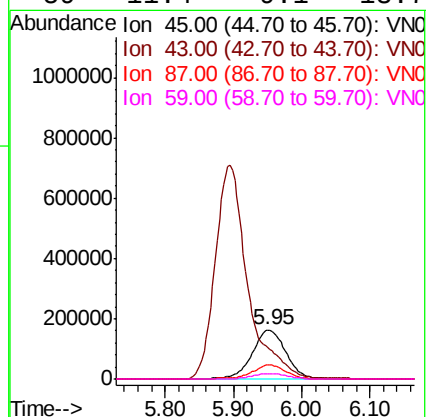
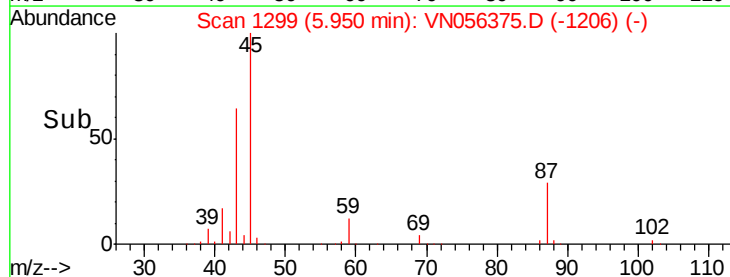
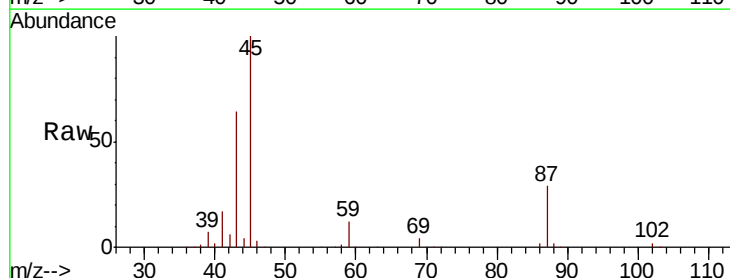
Ion Ratio Lower Upper

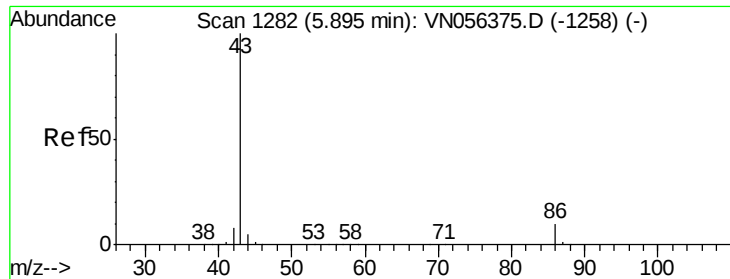
45 100

43 63.0 50.4 75.6

87 28.7 23.0 34.4

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 259.033 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

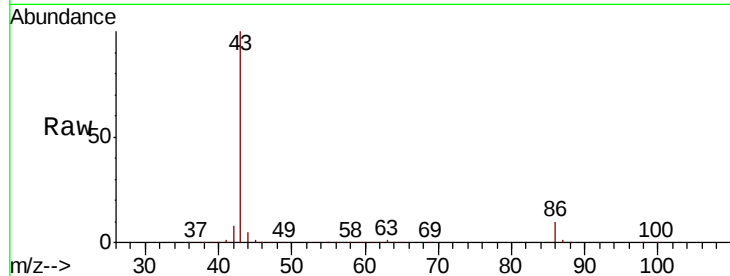
VSTDICCC050

Tot Ion: 43 Resp: 2344440

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1258) (-)

Ion 86.00 (85.70 to 86.70): VN056375.D (-1258) (-)

5.90

800000

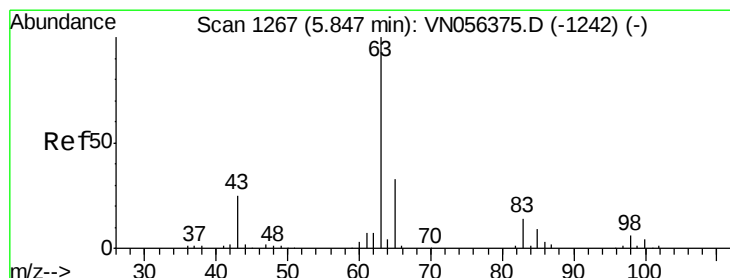
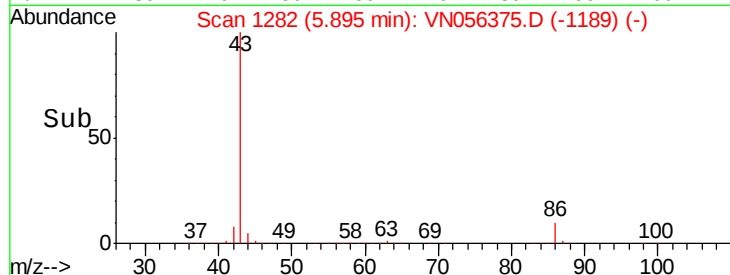
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 49.080 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

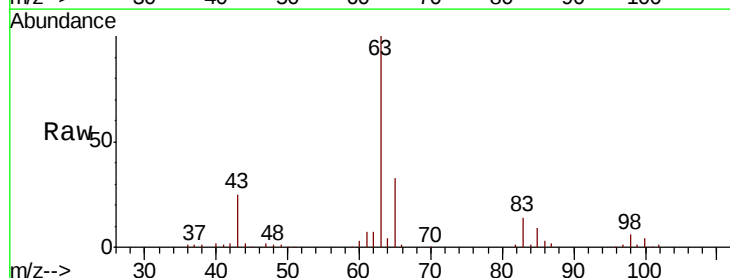
Tgt Ion: 63 Resp: 319726

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN056375.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN056375.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN056375.D (-1242) (-)

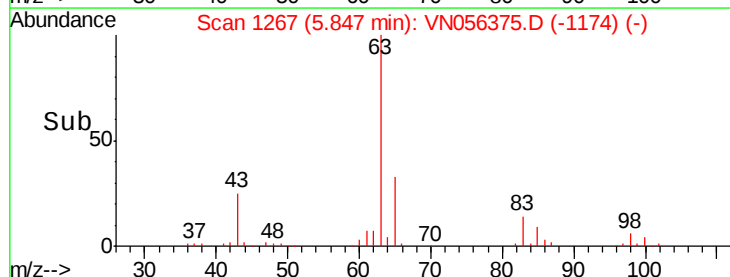
5.85

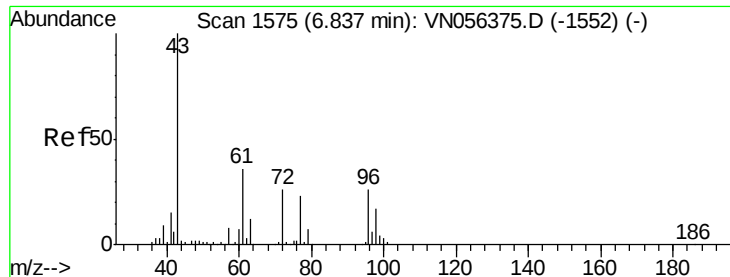
100000

50000

0

Time--> 5.70 5.80 5.90

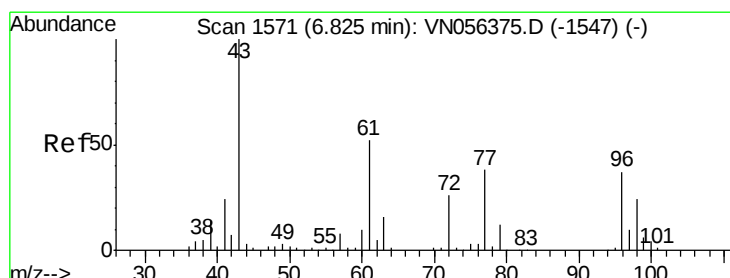
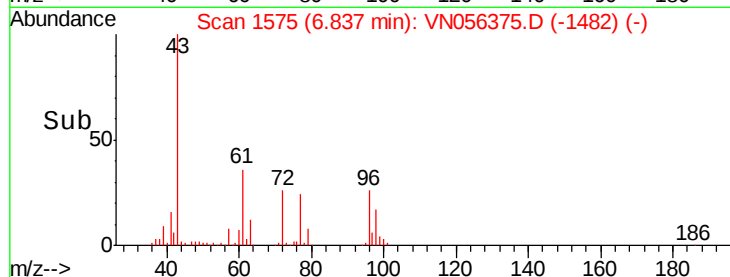
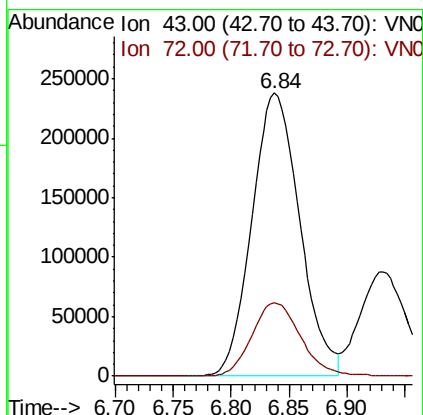
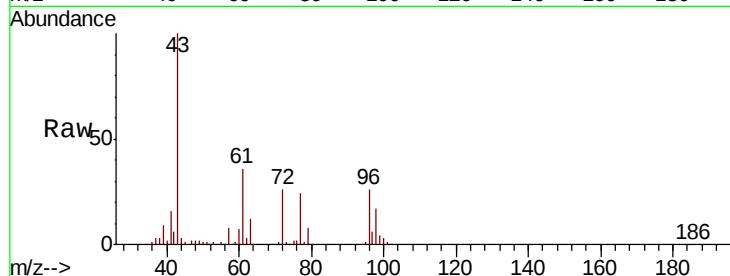




#25  
2-Butanone  
Concen: 249.840 ug/l  
RT: 6.84 min Scan# 1575  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

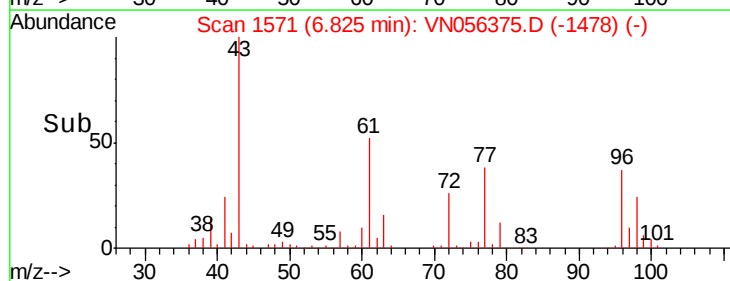
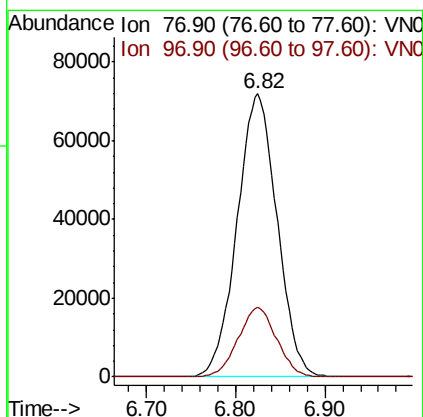
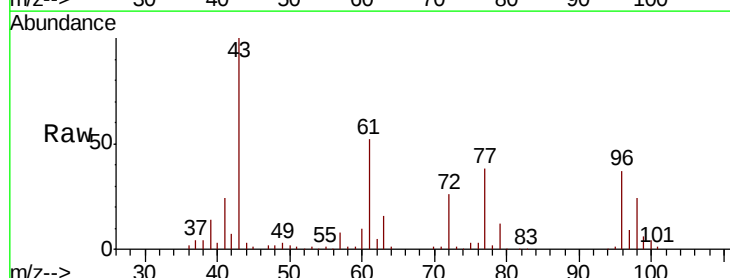
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

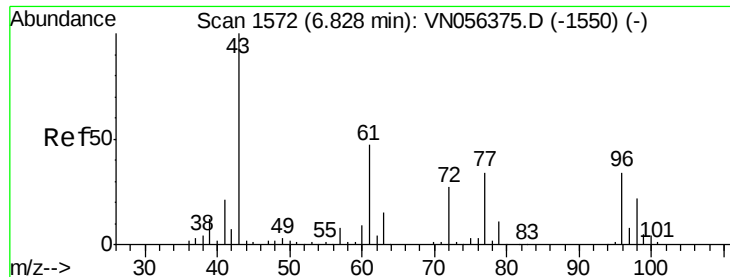
Tot Ion: 43 Resp: 681175  
Ion Ratio Lower Upper  
43 100  
72 25.8 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 47.672 ug/l  
RT: 6.82 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 77 Resp: 223948  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.068 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

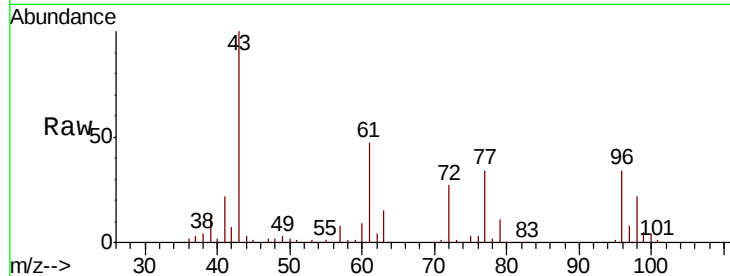
Tot Ion: 96 Resp: 203696

Ion Ratio Lower Upper

96 100

61 139.9 0.0 279.8

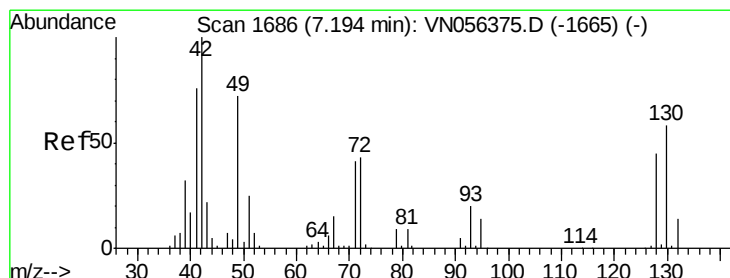
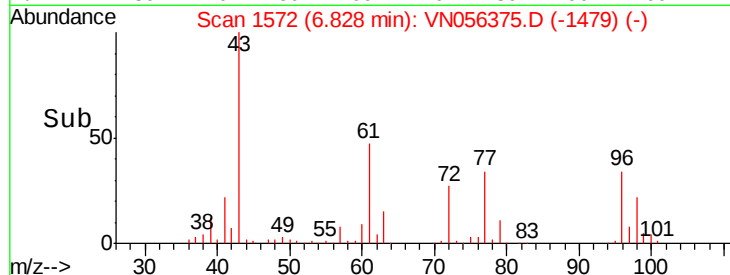
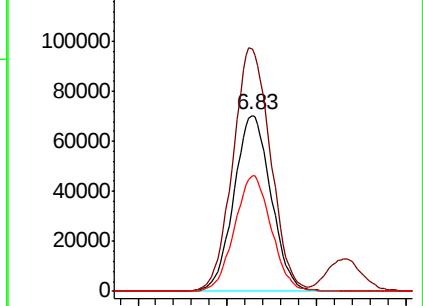
98 65.0 0.0 130.0



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: 49.151 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

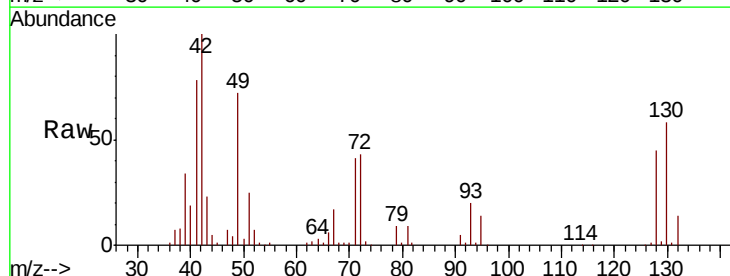
Tgt Ion: 49 Resp: 160273

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

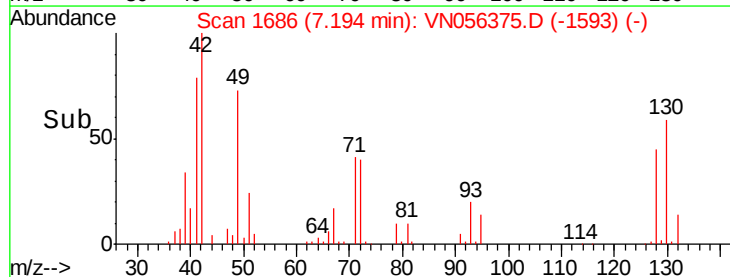
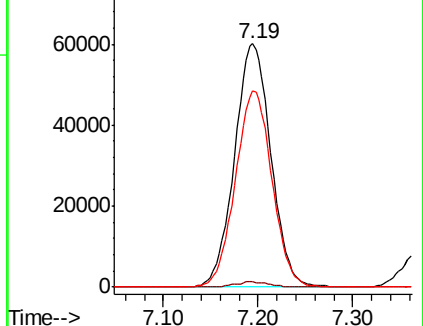
130 81.1 64.9 97.3

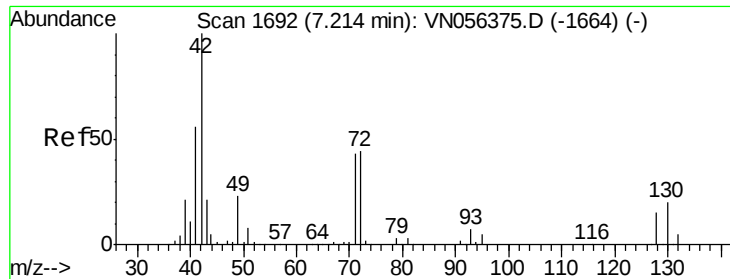


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

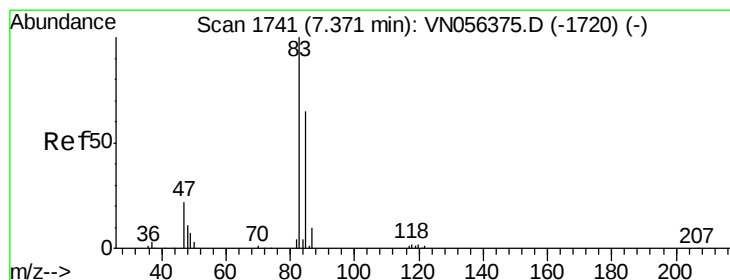
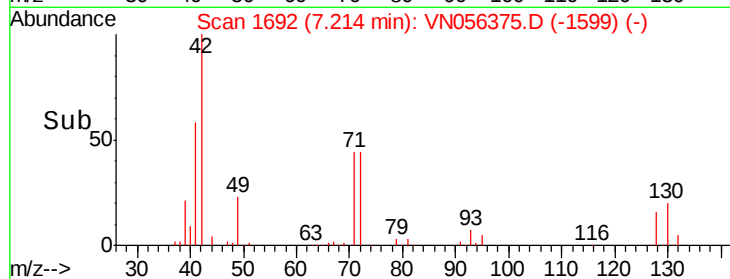
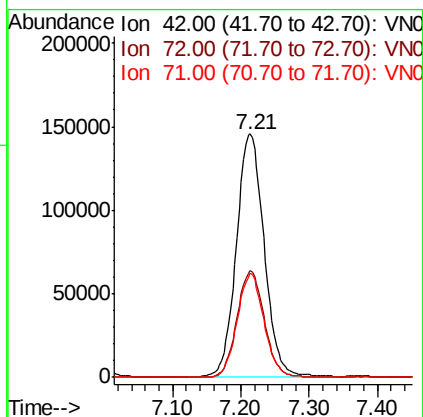
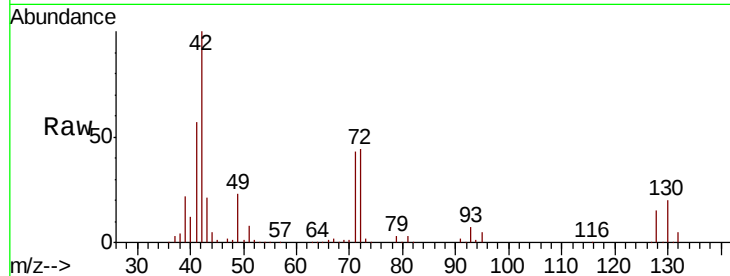




#29  
Tetrahydrofuran  
Concen: 252.432 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

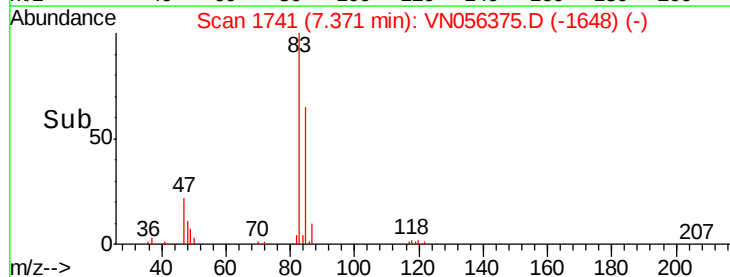
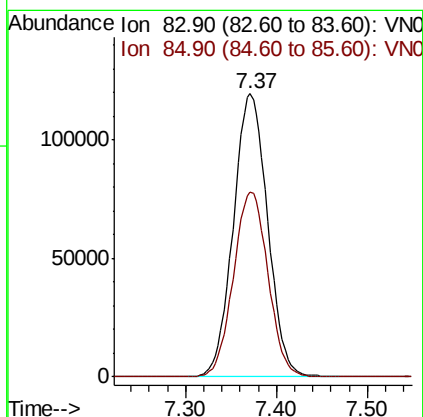
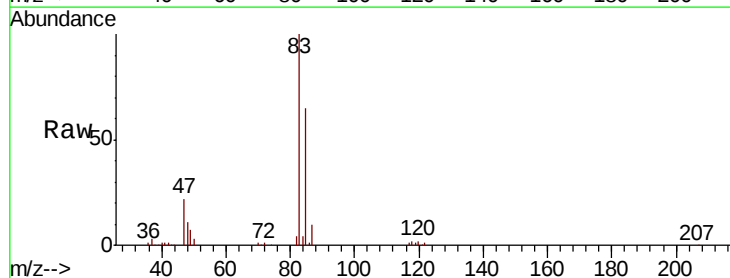
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

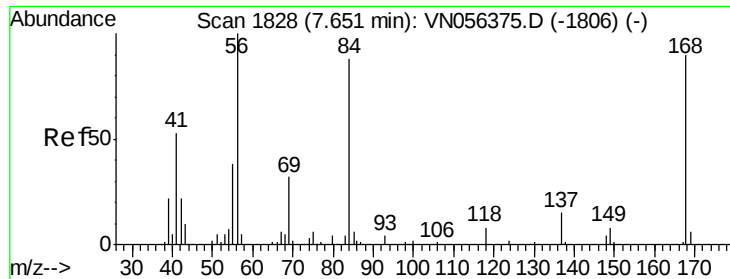
Tot Ion: 42 Resp: 411398  
Ion Ratio Lower Upper  
42 100  
72 43.4 34.7 52.1  
71 41.3 33.0 49.6



#30  
Chloroform  
Concen: 48.346 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 83 Resp: 313202  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.3 78.5

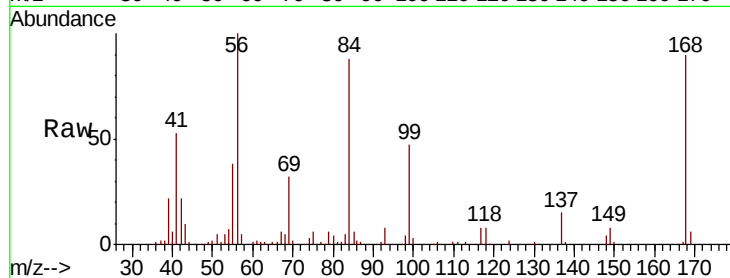




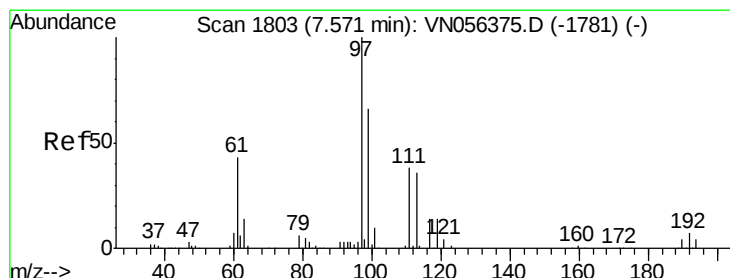
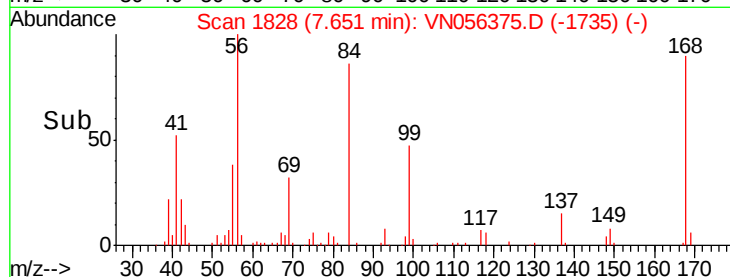
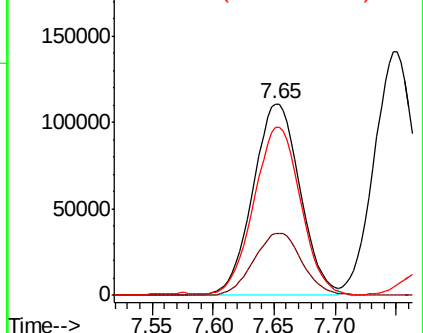
#31  
Cyclohexane  
Concen: 47.297 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion: 56 Resp: 296984  
Ion Ratio Lower Upper  
56 100  
69 32.2 25.8 38.6  
84 86.7 69.4 104.0

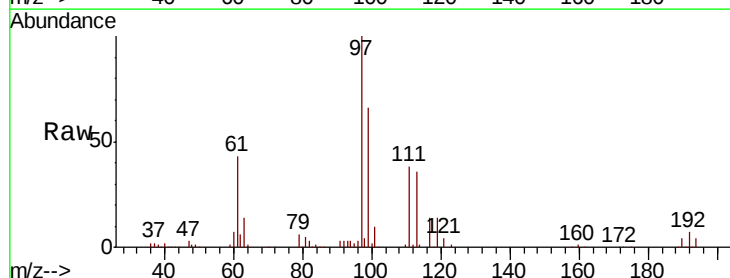


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

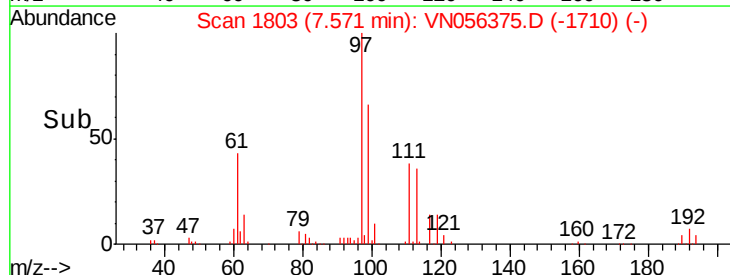
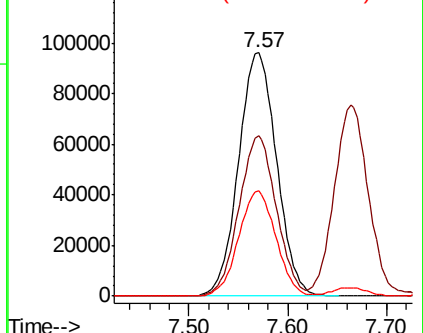


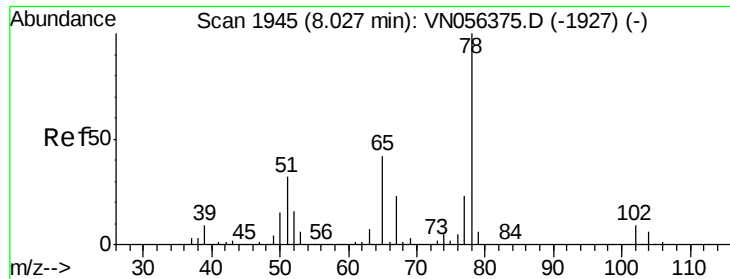
#32  
1,1,1-Trichloroethane  
Concen: 48.026 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 97 Resp: 256924  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.8 77.6  
61 42.4 33.9 50.9



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

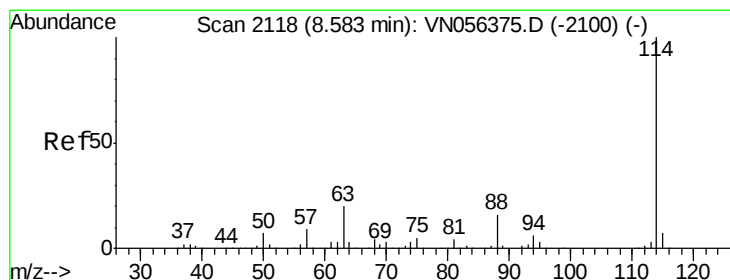
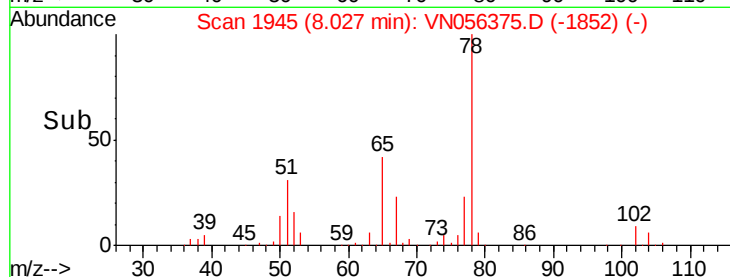
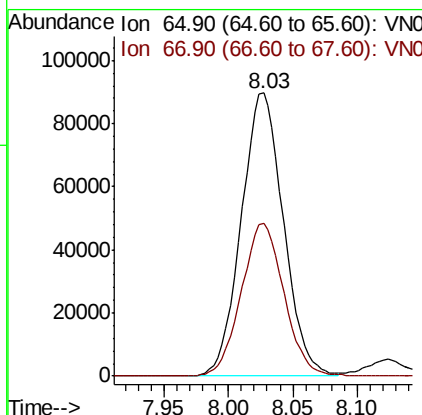
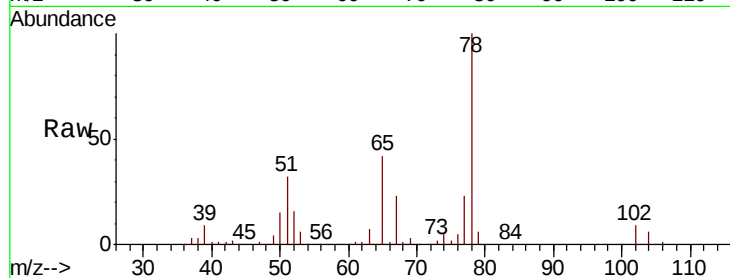




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.857 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

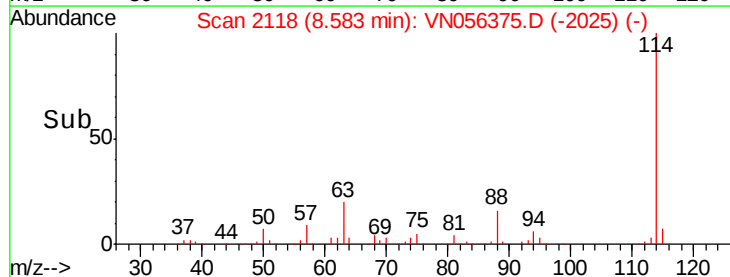
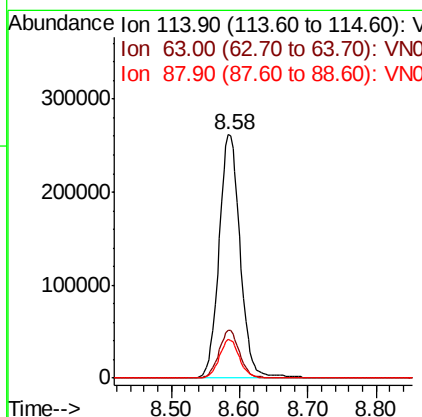
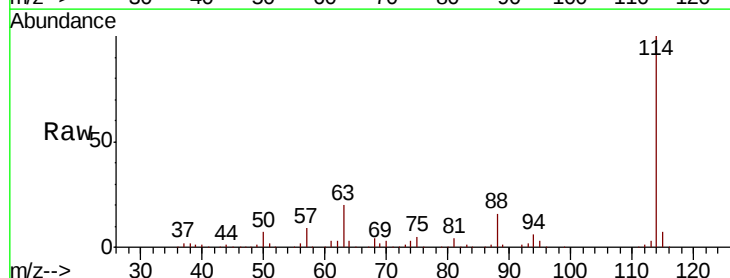
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

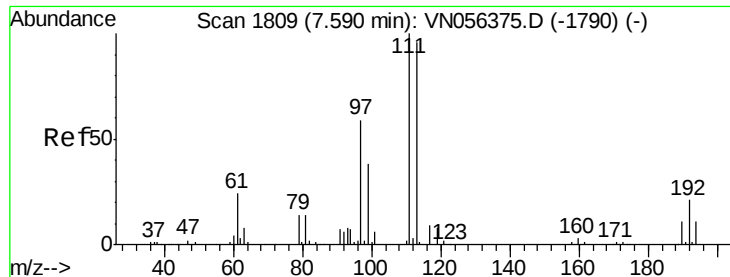
Tot Ion: 65 Resp: 204809  
 Ion Ratio Lower Upper  
 65 100  
 67 54.5 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion: 114 Resp: 562795  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 39.2  
 88 15.7 0.0 31.4

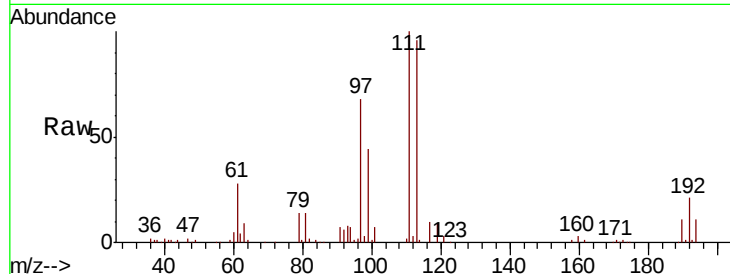




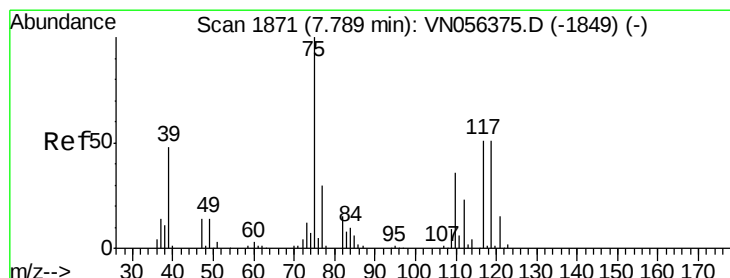
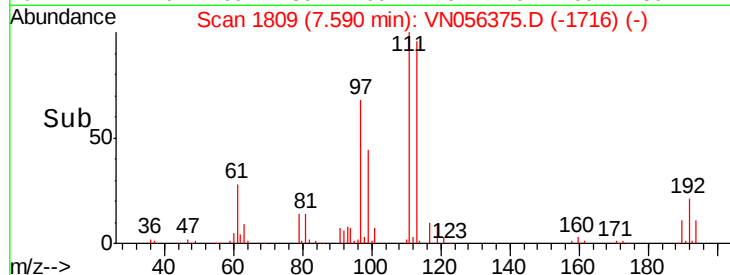
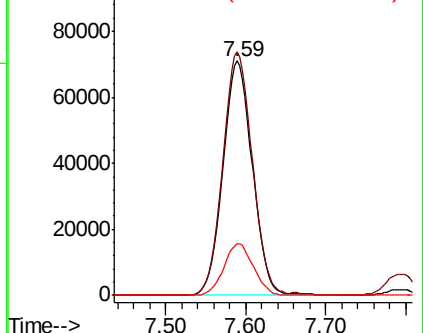
#35  
Dibromofluoromethane  
Concen: 49.923 ug/l  
RT: 7.59 min Scan# 1809  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.6 | 82.9  | 124.3 |
| 192     | 22.1  | 17.7  | 26.5  |

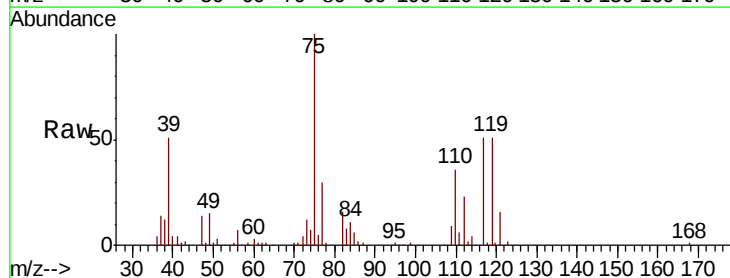


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

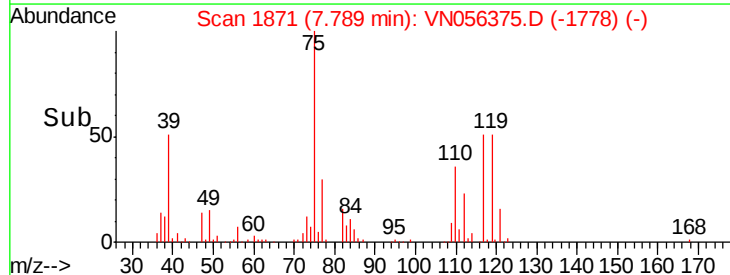
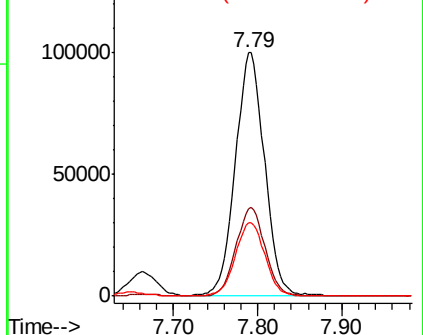


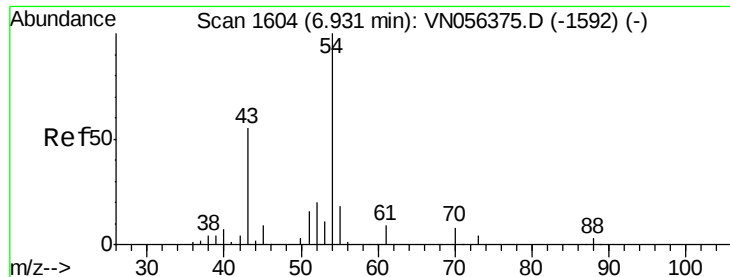
#36  
1,1-Dichloropropene  
Concen: 47.936 ug/l  
RT: 7.79 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.2  | 18.1  | 54.3  |
| 77      | 30.7  | 24.6  | 36.8  |



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

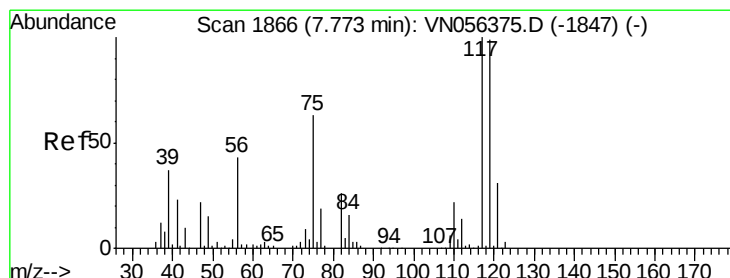
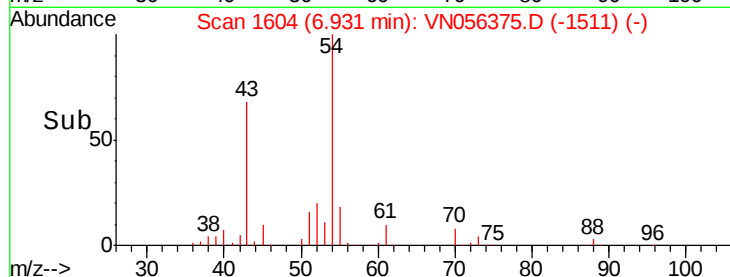
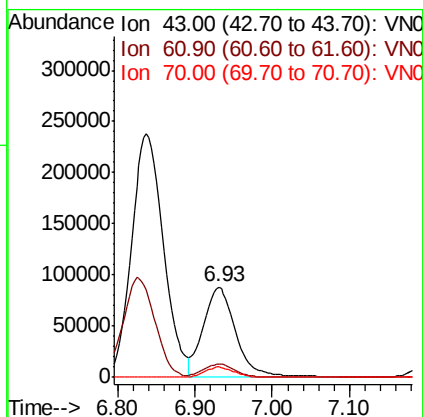
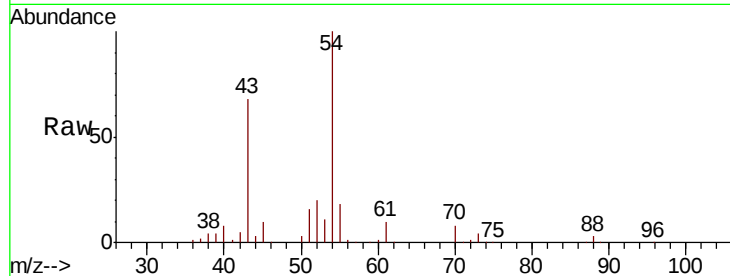




#37  
Ethyl Acetate  
Concen: 53.172 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

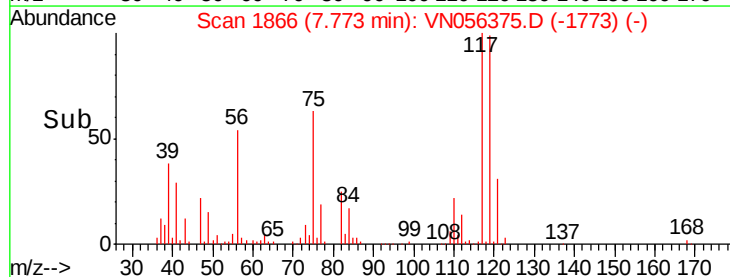
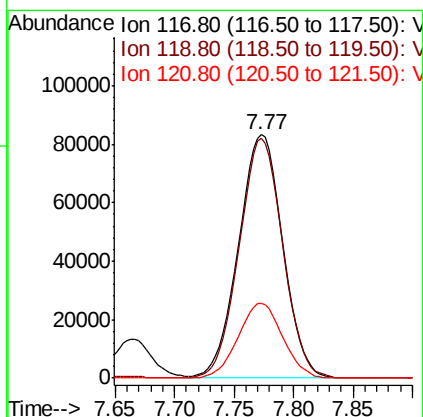
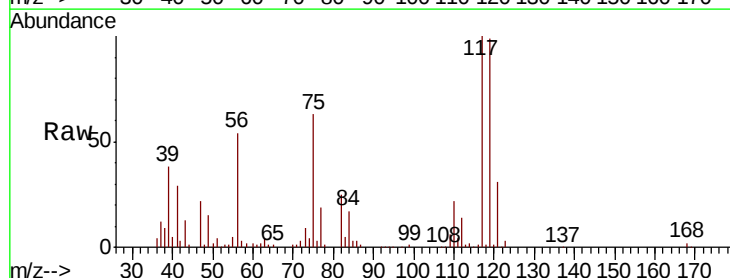
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

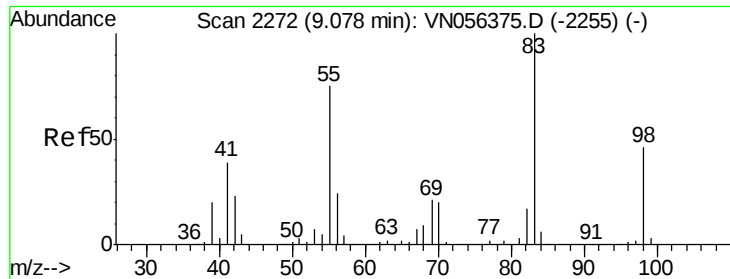
Tot Ion: 43 Resp: 254098  
Ion Ratio Lower Upper  
43 100  
61 13.9 11.1 16.7  
70 10.4 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 44.680 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 117 Resp: 212511  
Ion Ratio Lower Upper  
117 100  
119 98.9 79.1 118.7  
121 31.0 24.8 37.2

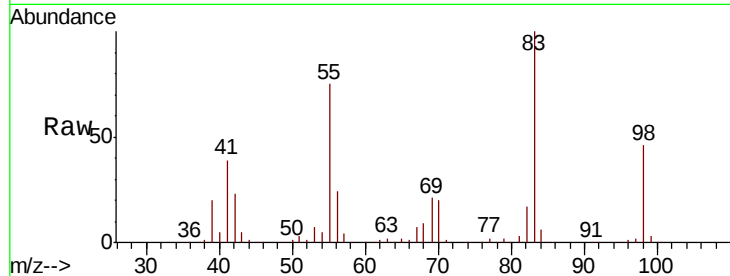




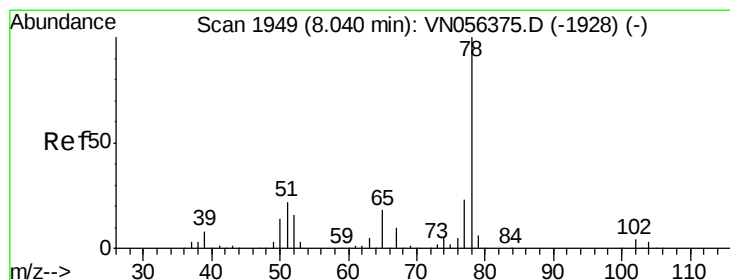
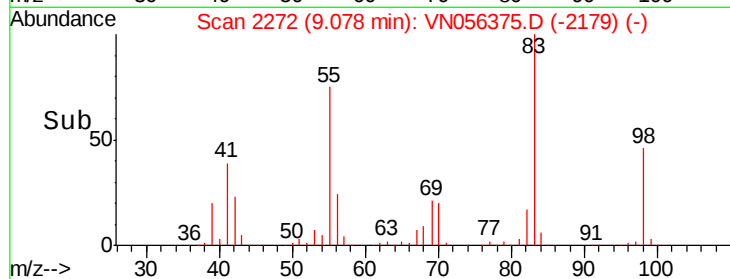
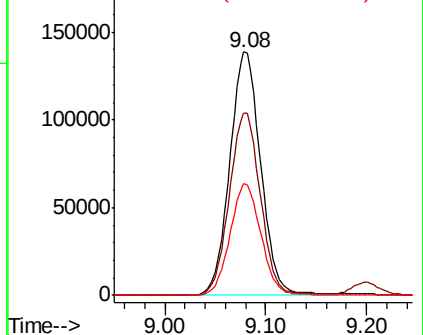
#39  
Methvlcvclohexane  
Concen: 48.582 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion: 83 Resp: 296809  
Ion Ratio Lower Upper  
83 100  
55 75.0 60.0 90.0  
98 45.7 36.6 54.8

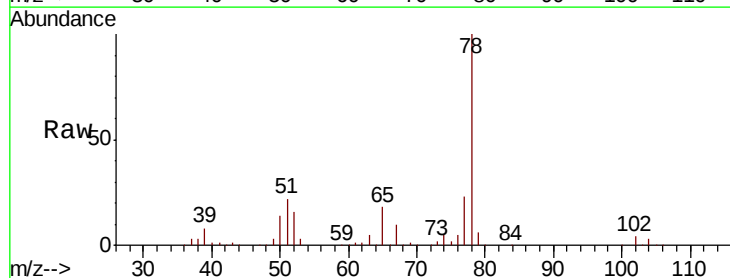


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

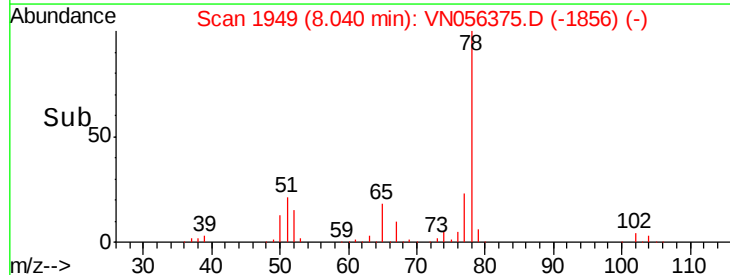
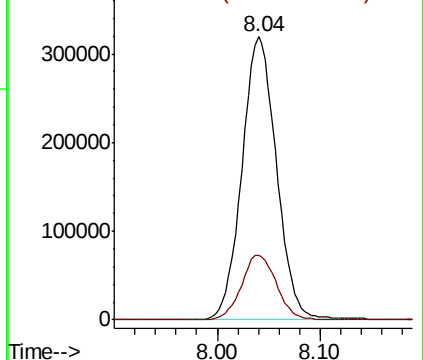


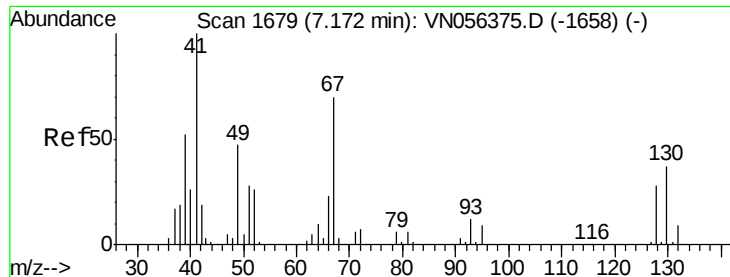
#40  
Benzene  
Concen: 48.819 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 78 Resp: 742642  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.3 27.5



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

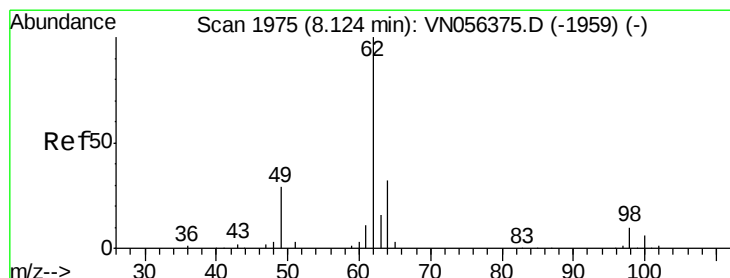
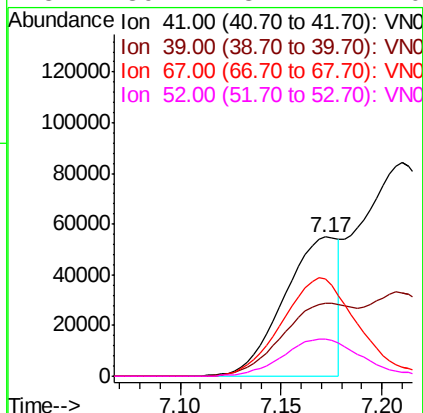
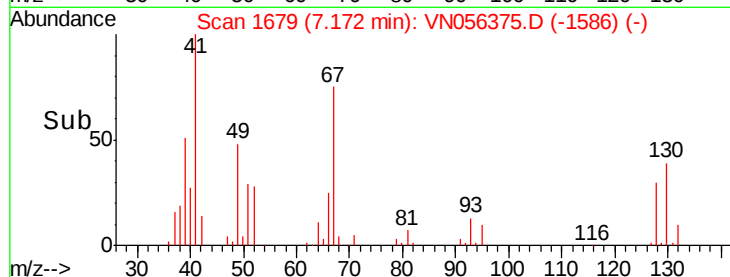
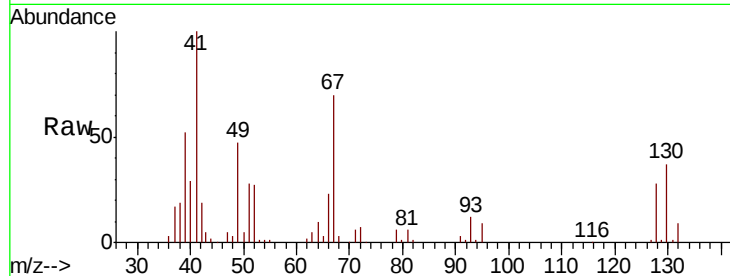




#41  
Methacrylonitrile  
Concen: 47.902 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

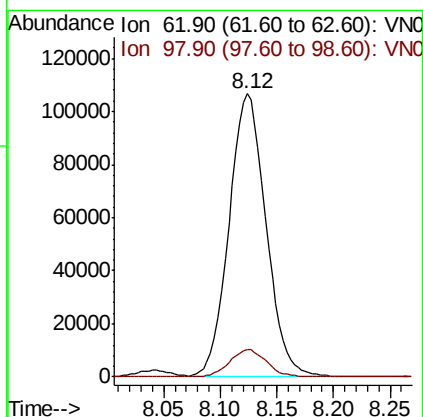
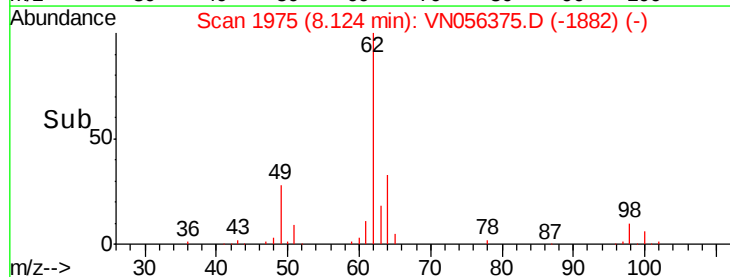
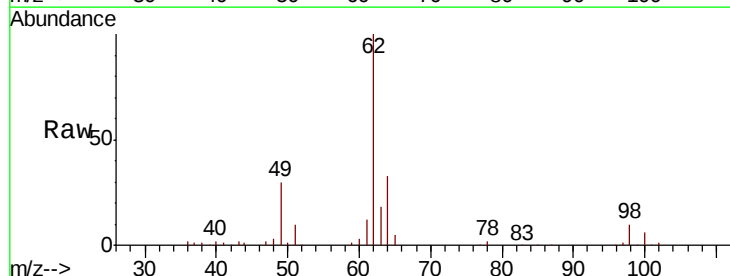
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

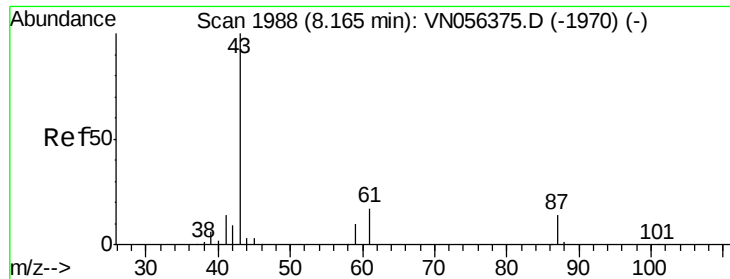
Tot Ion: 41 Resp: 102516  
Ion Ratio Lower Upper  
41 100  
39 69.1 55.3 82.9  
67 99.0 79.2 118.8  
52 39.2 31.4 47.0



#42  
1,2-Dichloroethane  
Concen: 48.412 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 62 Resp: 241256  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 50.155 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

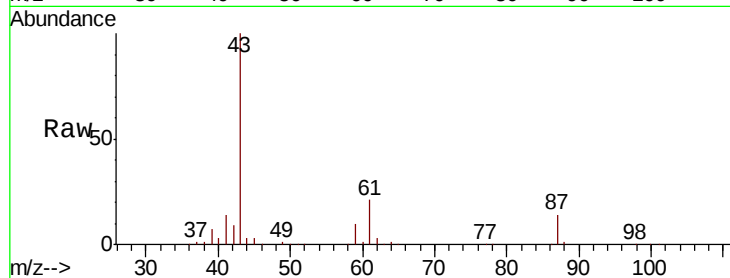
Tot Ion: 43 Resp: 382763

Ion Ratio Lower Upper

43 100

61 27.5 22.0 33.0

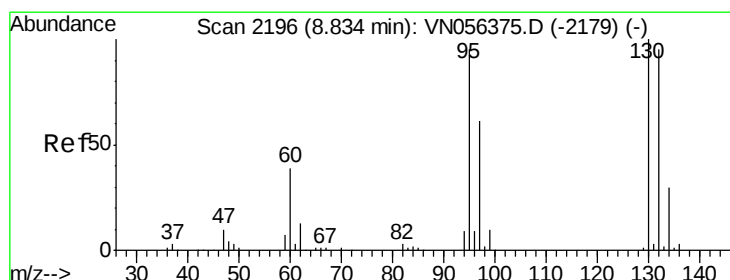
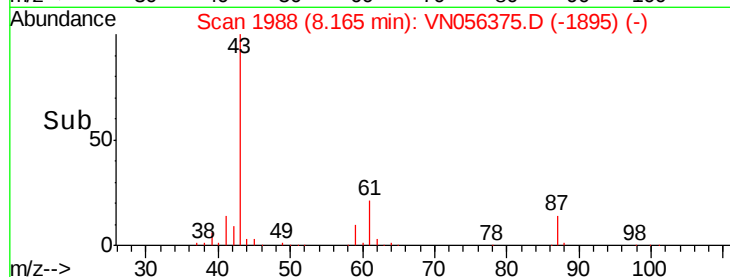
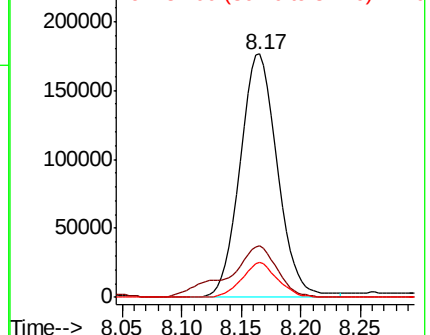
87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 48.782 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056375.D

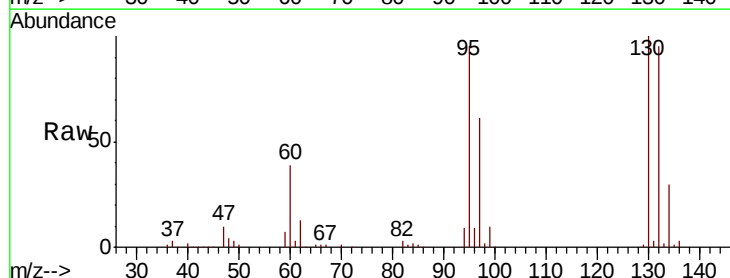
Acq: 19 Jun 2019 10:02

Tgt Ion: 130 Resp: 202205

Ion Ratio Lower Upper

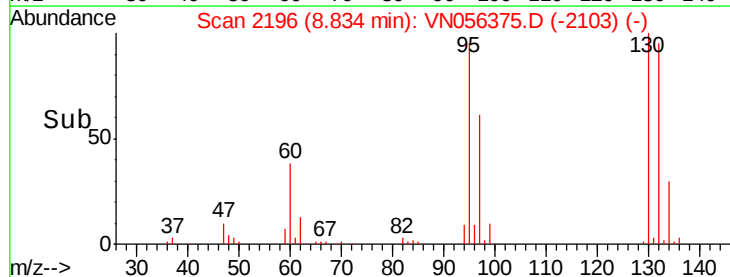
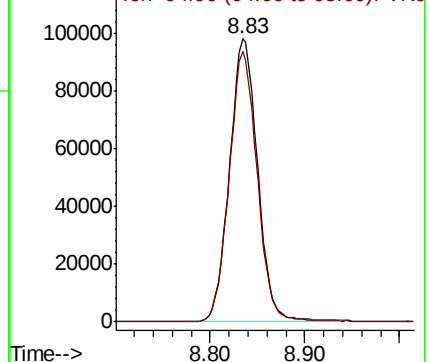
130 100

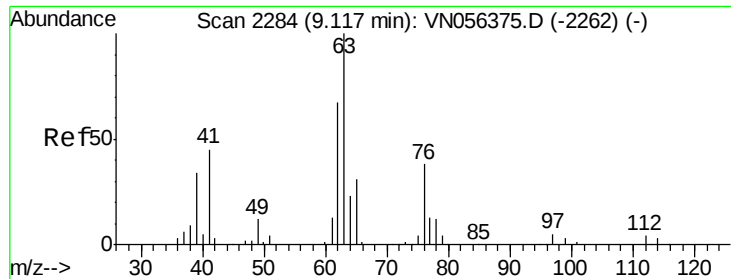
95 95.5 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

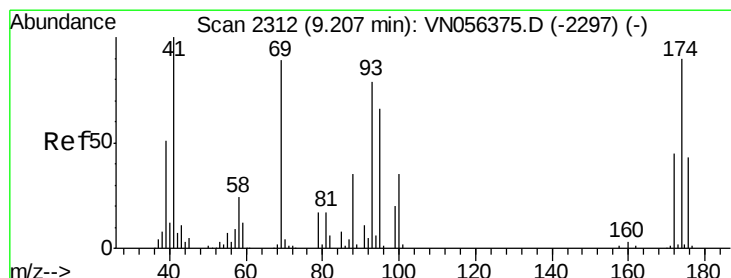
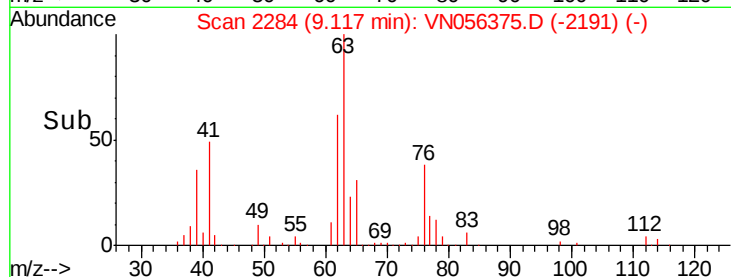
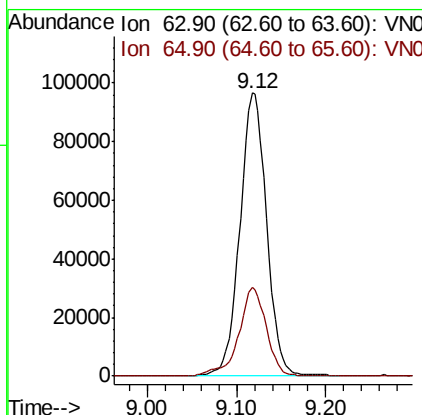
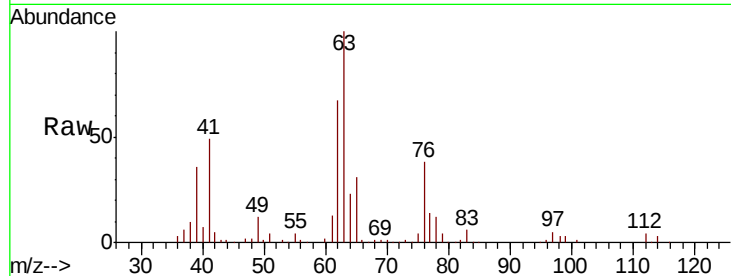




#45  
 1,2-Dichloropropane  
 Concen: 49.811 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

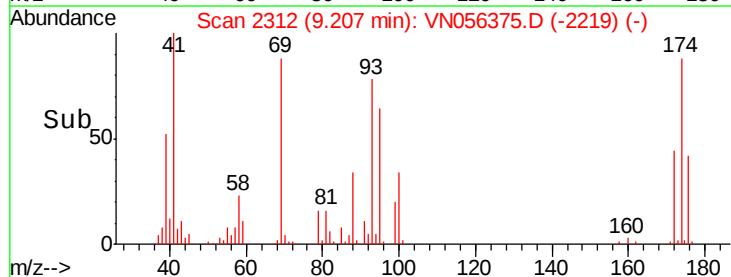
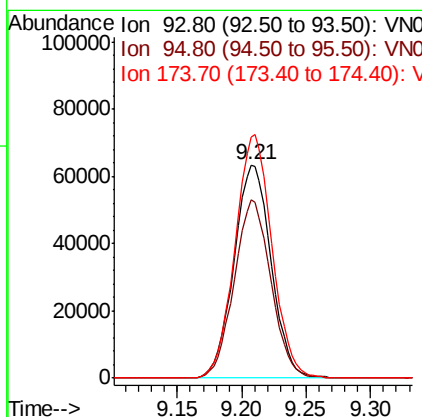
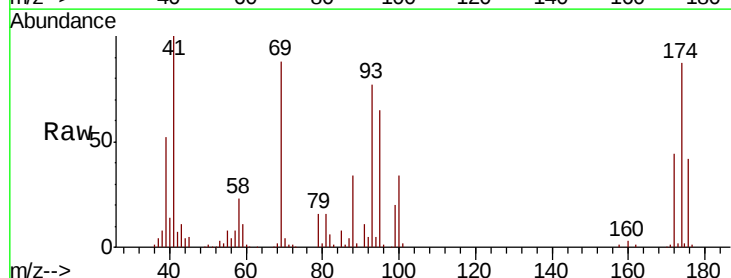
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Tot Ion: 63 Resp: 200623  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 25.0 37.6



#46  
 Dibromomethane  
 Concen: 47.751 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion: 93 Resp: 127211  
 Ion Ratio Lower Upper  
 93 100  
 95 82.7 66.2 99.2  
 174 113.5 90.8 136.2





#47

Bromodichloromethane

Concen: 45.619 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

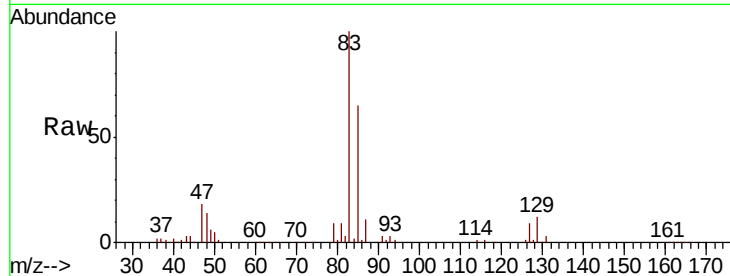
Tot Ion: 83 Resp: 230210

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

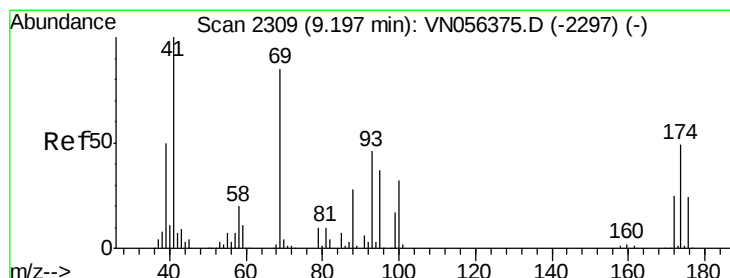
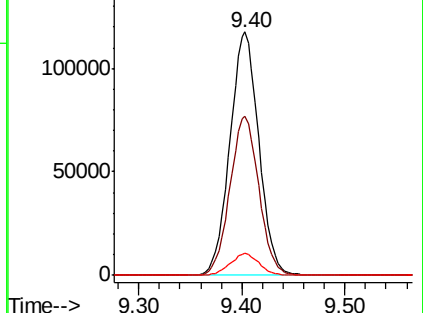
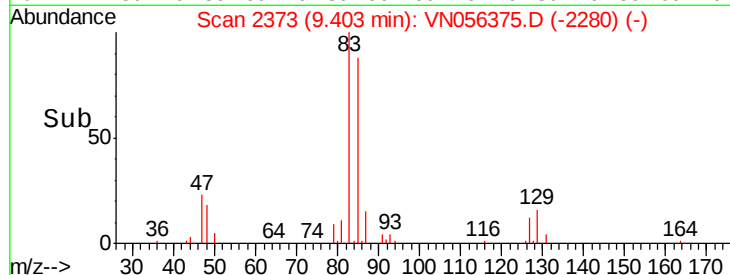
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056375.D (-2356) (-)



#48

Methyl methacrylate

Concen: 48.527 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

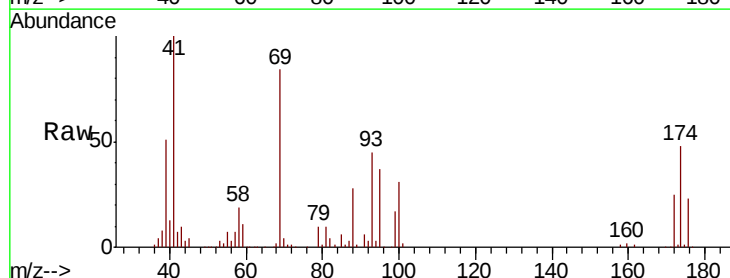
Tgt Ion: 41 Resp: 185517

Ion Ratio Lower Upper

41 100

69 90.8 72.6 109.0

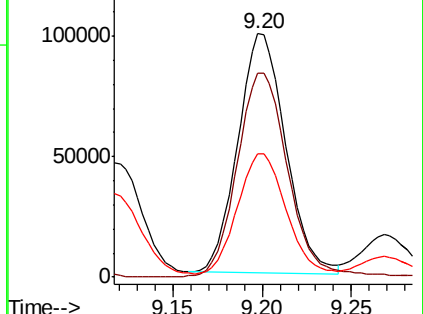
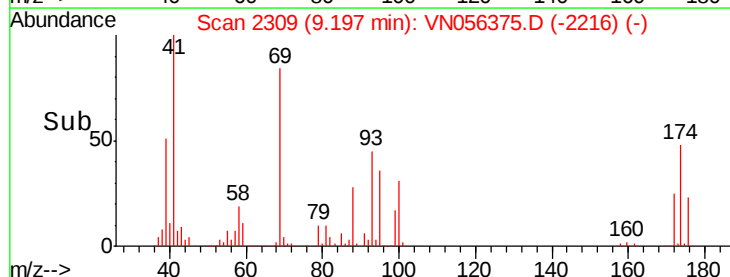
39 53.2 42.6 63.8

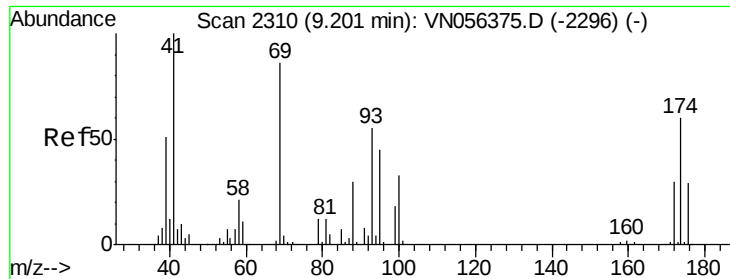


Abundance Ion 41.00 (40.70 to 41.70): VN056375.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2297) (-)

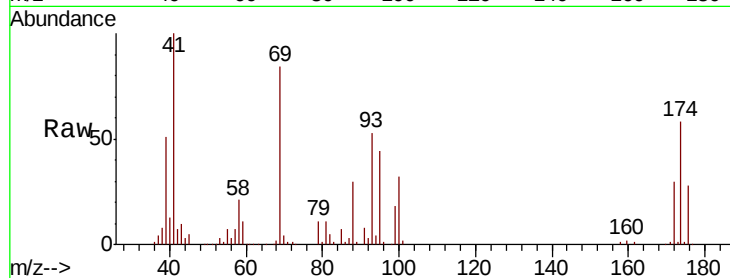




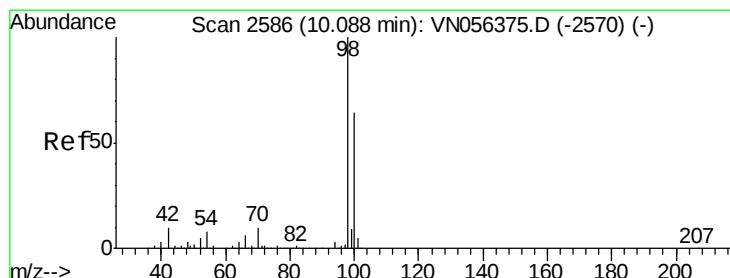
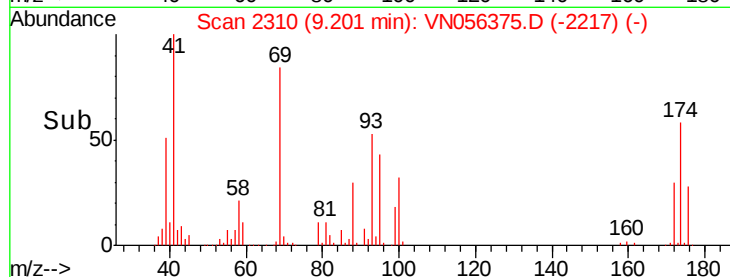
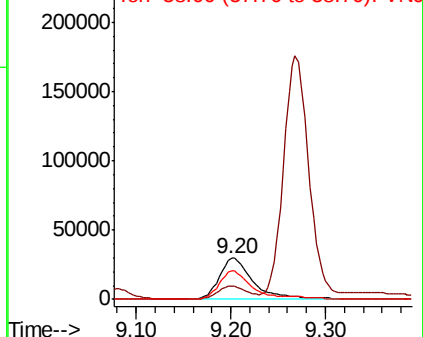
#49  
1,4-Dioxane  
Concen: 968.445 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion: 88 Resp: 74483  
Ion Ratio Lower Upper  
88 100  
43 27.5 22.0 33.0  
58 64.8 51.8 77.8

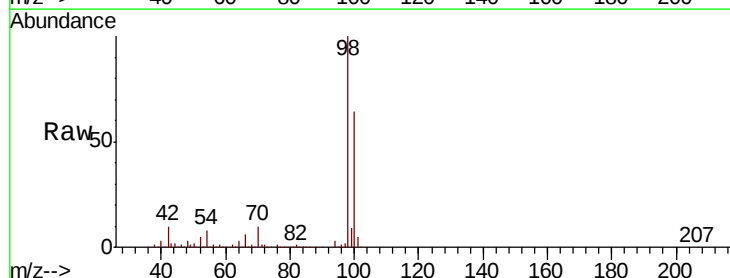


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

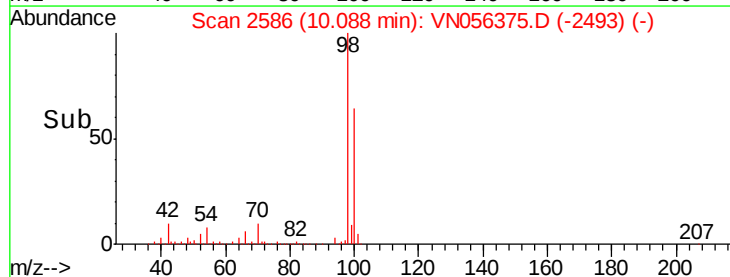
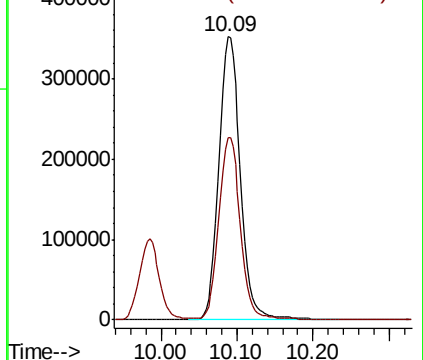


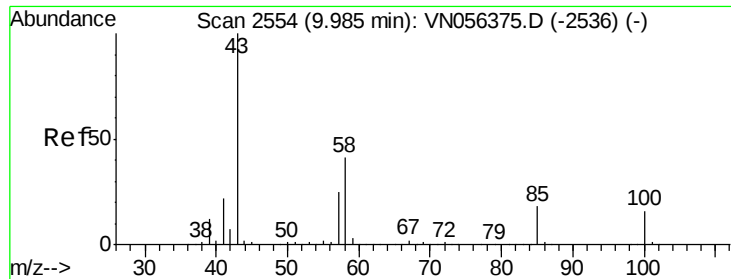
#50  
Toluene-d8  
Concen: 50.431 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 98 Resp: 691976  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.2



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: 252.721 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

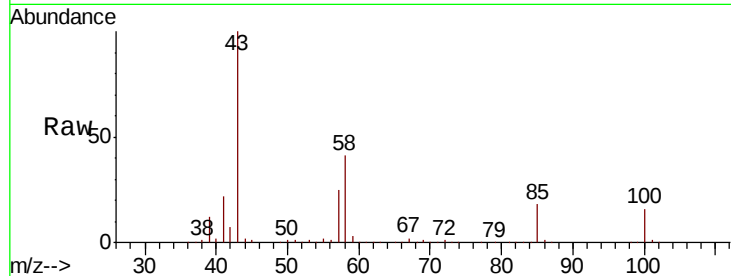
VSTDICCC050

Tot Ion: 43 Resp: 1227122

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

600000

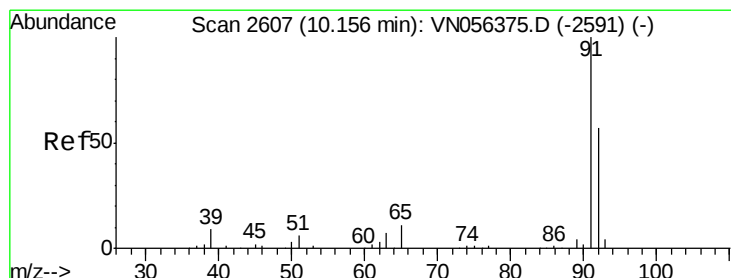
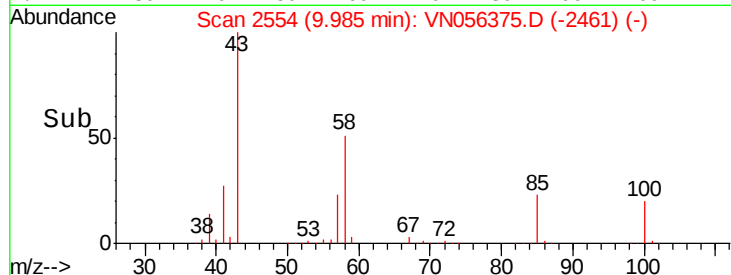
400000

200000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 49.335 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056375.D

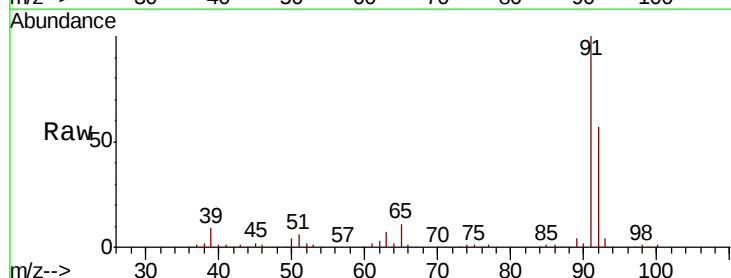
Acq: 19 Jun 2019 10:02

Tgt Ion: 92 Resp: 457047

Ion Ratio Lower Upper

92 100

91 175.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

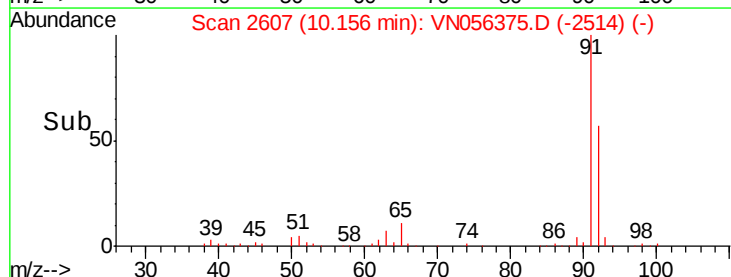
200000

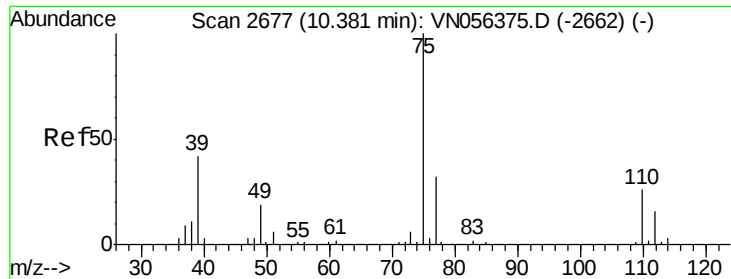
100000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 48.940 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

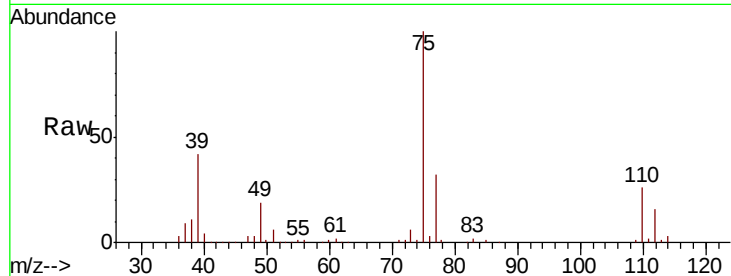
VSTDICCC050

Tot Ion: 75 Resp: 246539

Ion Ratio Lower Upper

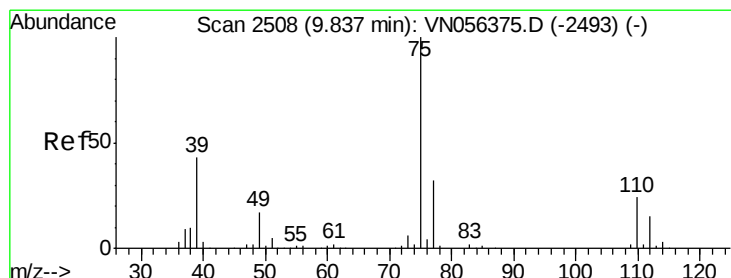
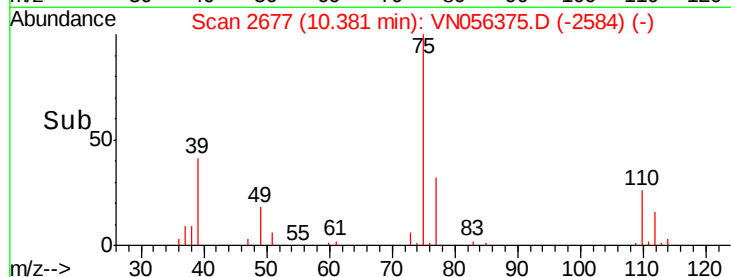
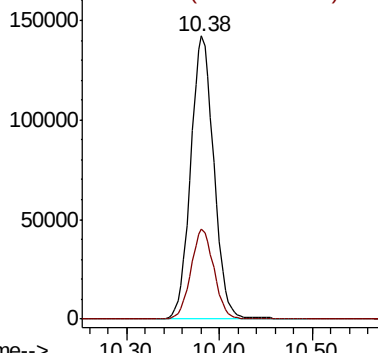
75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.650 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

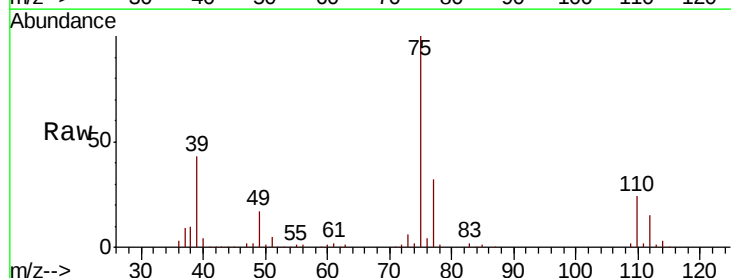
Tgt Ion: 75 Resp: 289737

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

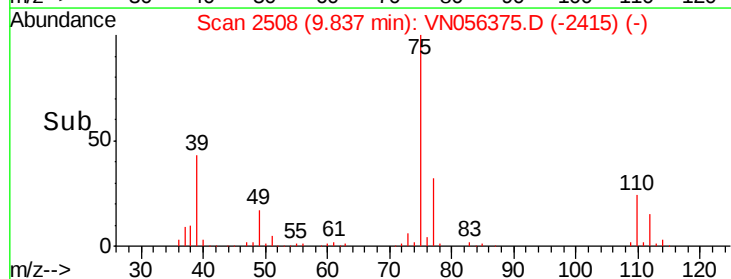
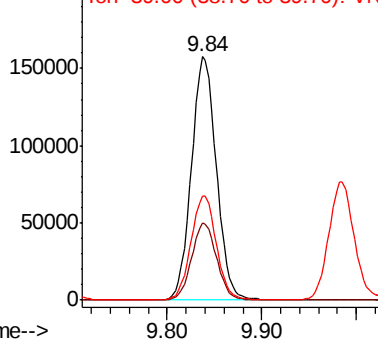
39 42.8 34.2 51.4

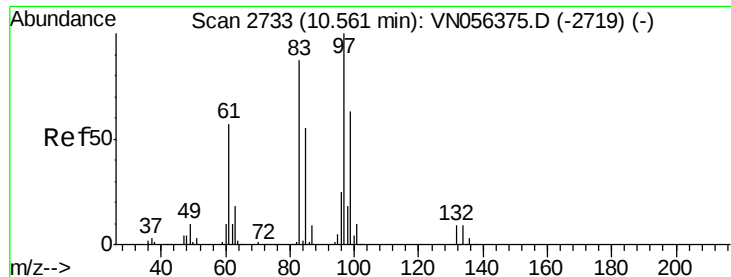


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

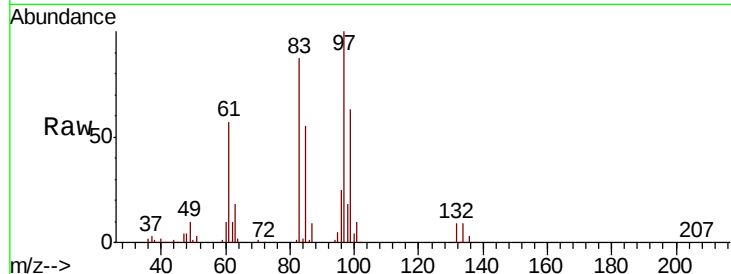




#55  
 1,1,2-Trichloroethane  
 Concen: 48.752 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | 97    | Resp  | 186406 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 87.2  | 69.8  | 104.6  |
| 85      | 54.8  | 43.8  | 65.8   |
| 99      | 62.7  | 50.2  | 75.2   |



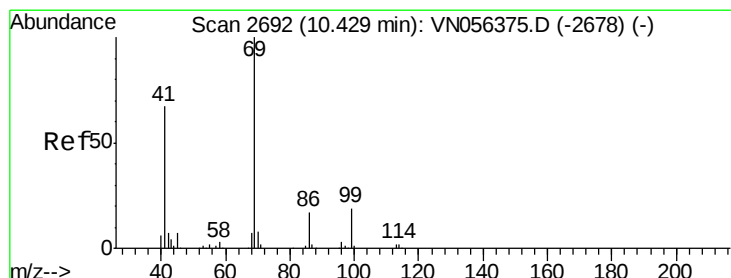
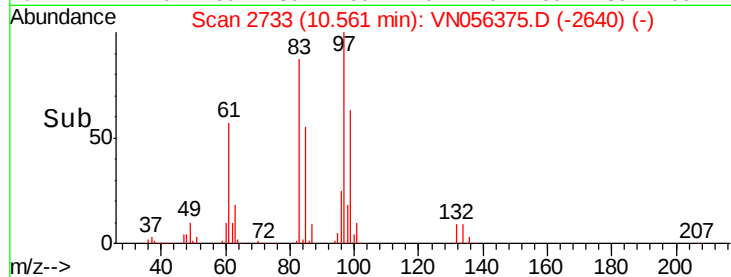
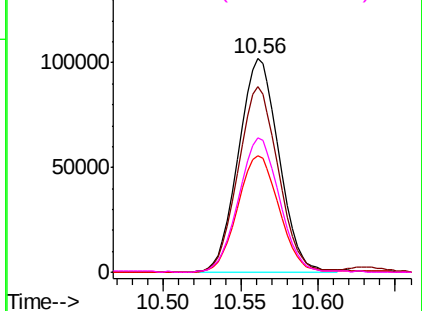
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

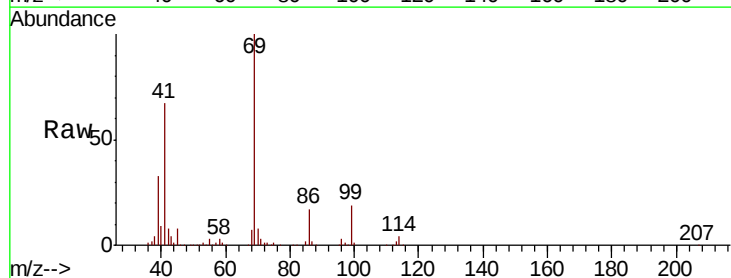
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56  
 Ethyl methacrylate  
 Concen: 51.476 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

| Tgt Ion | 69    | Resp  | 282561 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 64.3  | 51.4  | 77.2   |
| 39      | 30.9  | 24.7  | 37.1   |

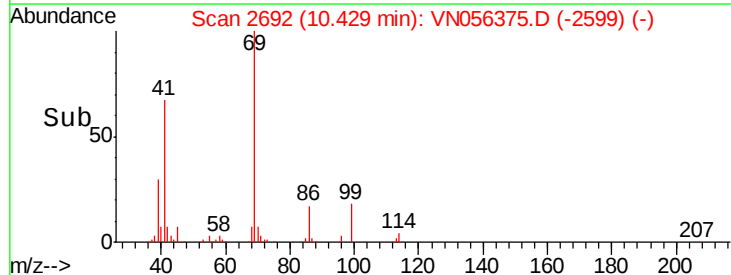
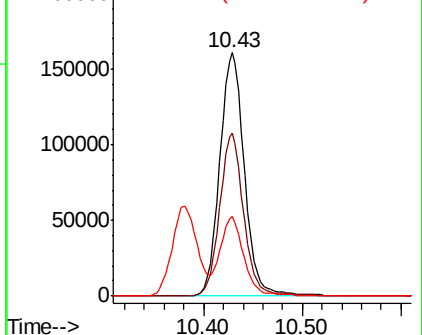


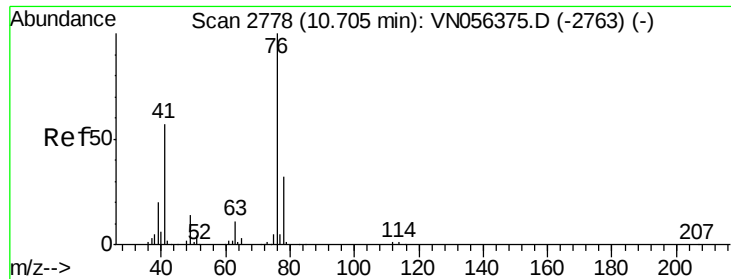
Abundance

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

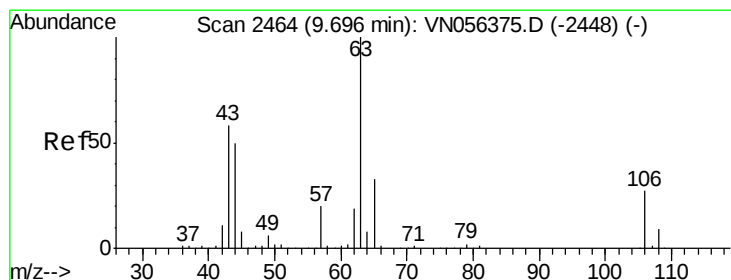
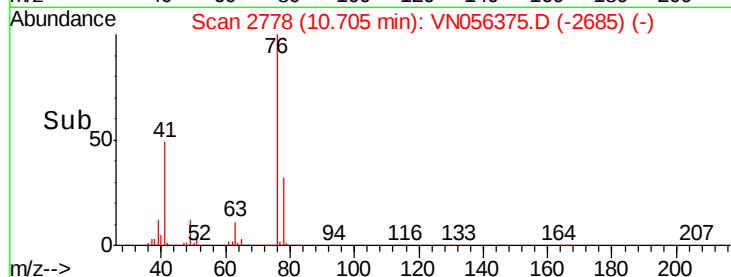
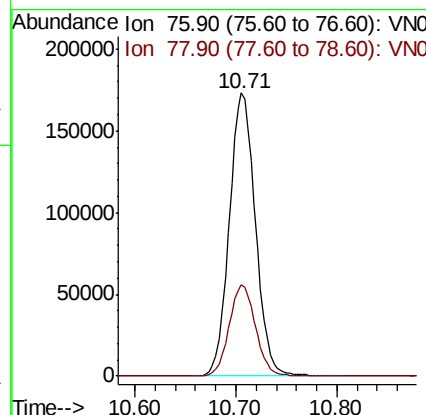
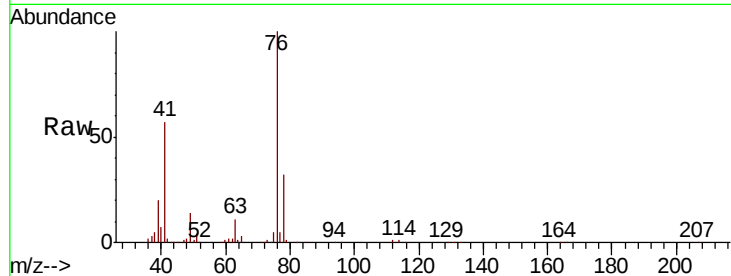




#57  
 1,3-Dichloropropane  
 Concen: 48.693 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

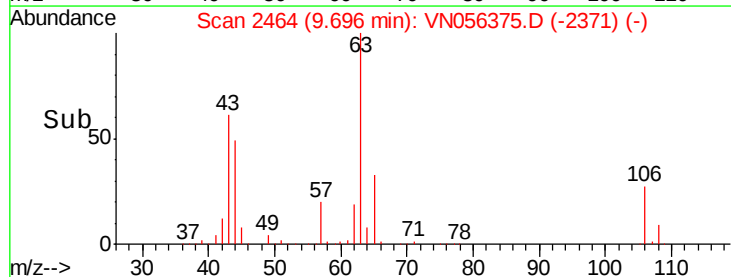
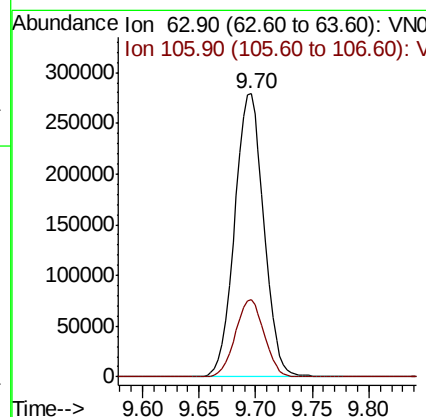
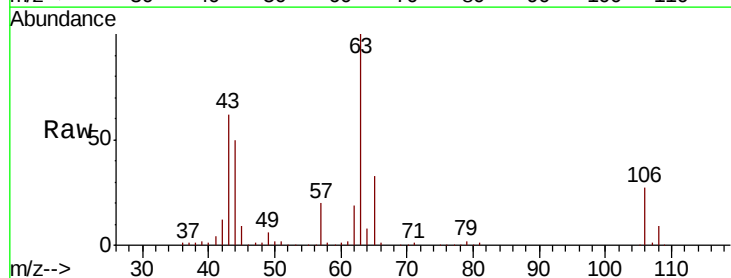
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

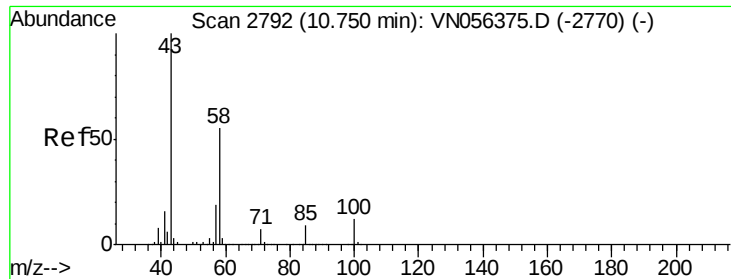
Tot Ion: 76 Resp: 313268  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.9 38.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 276.709 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion: 63 Resp: 502035  
 Ion Ratio Lower Upper  
 63 100  
 106 27.0 21.6 32.4

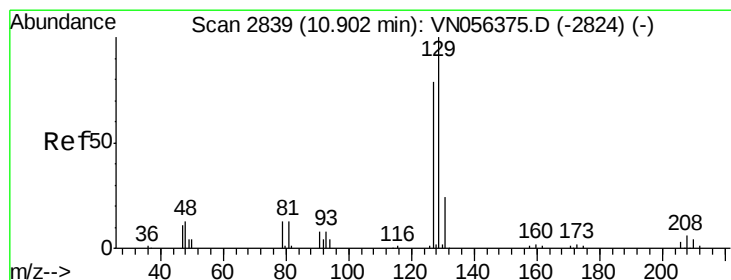
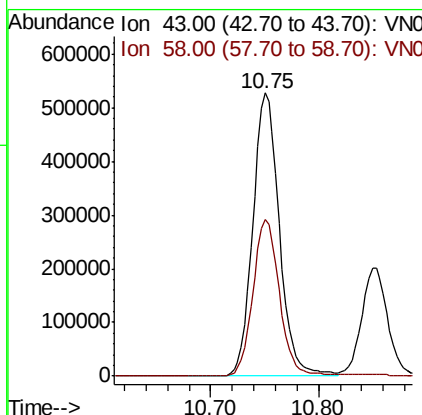
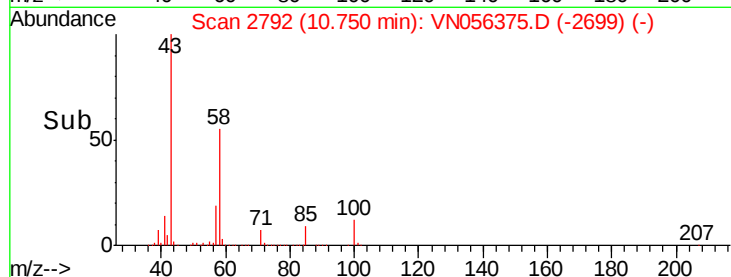
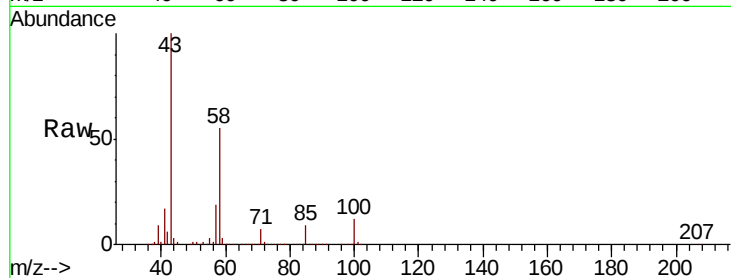




#59  
2-Hexanone  
Concen: 249.462 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

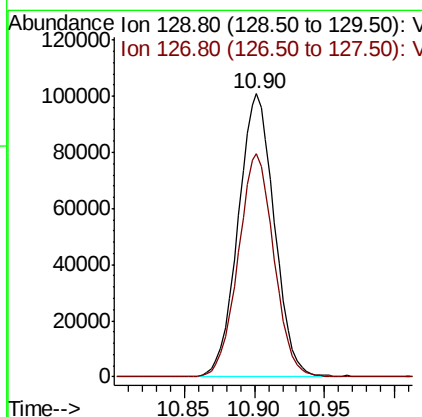
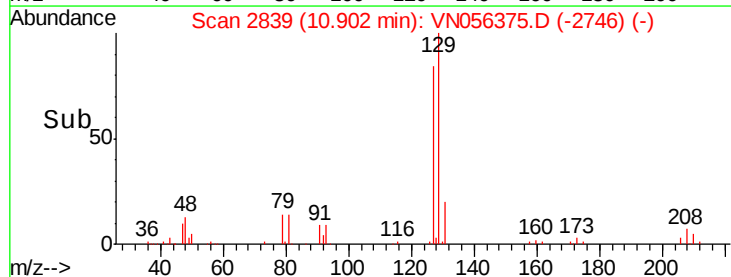
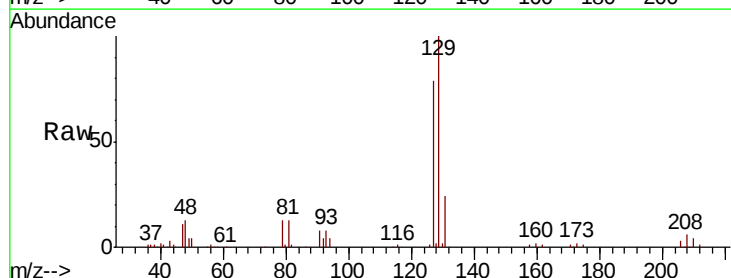
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

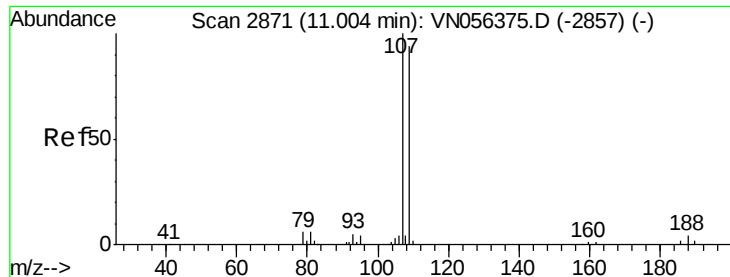
Tot Ion: 43 Resp: 896885  
Ion Ratio Lower Upper  
43 100  
58 55.6 27.8 83.4



#60  
Dibromochloromethane  
Concen: 45.998 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 129 Resp: 181329  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.9 116.7

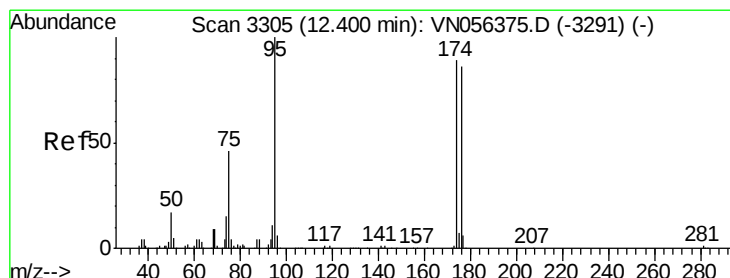
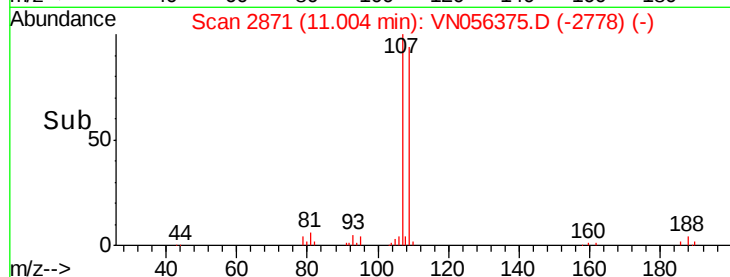
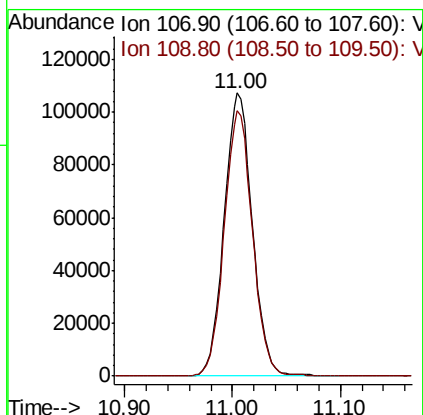
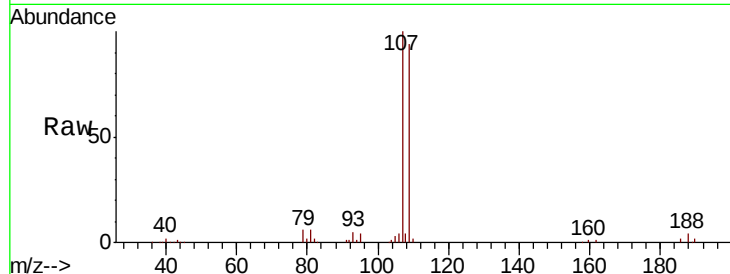




#61  
 1,2-Dibromoethane  
 Concen: 49.571 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

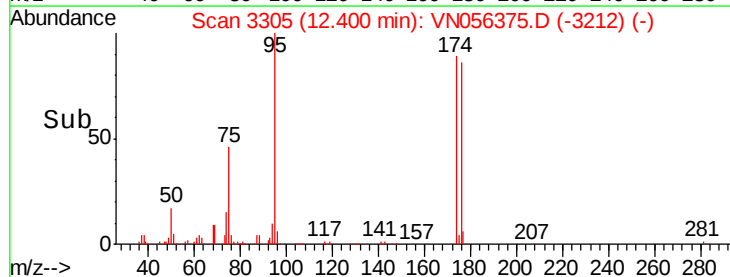
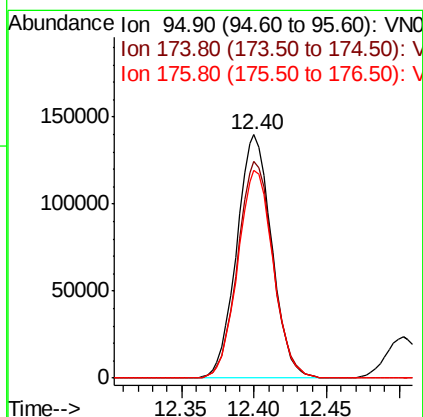
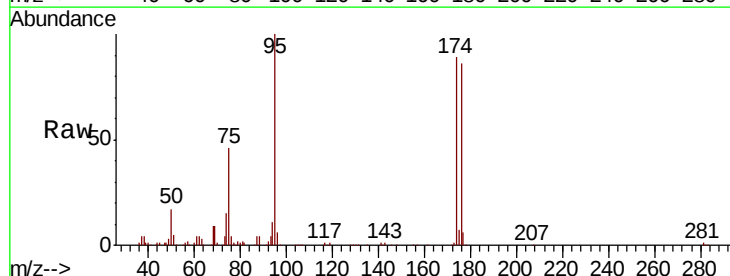
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

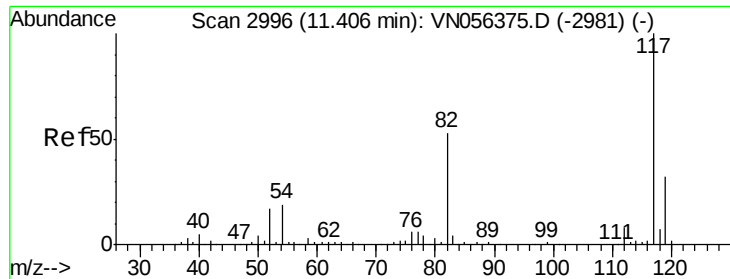
Tot Ion: 107 Resp: 194484  
 Ion Ratio Lower Upper  
 107 100  
 109 94.1 75.3 112.9



#62  
 4-Bromofluorobenzene  
 Concen: 51.773 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion: 95 Resp: 235155  
 Ion Ratio Lower Upper  
 95 100  
 174 89.7 0.0 179.4  
 176 86.7 0.0 173.4

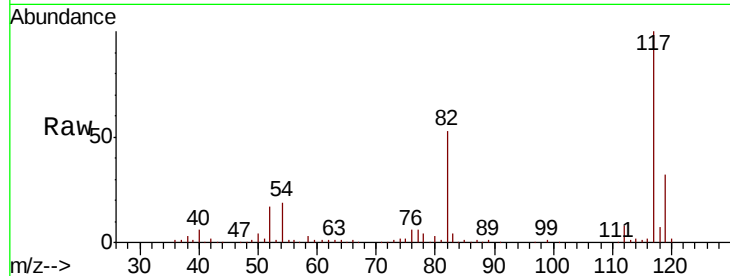




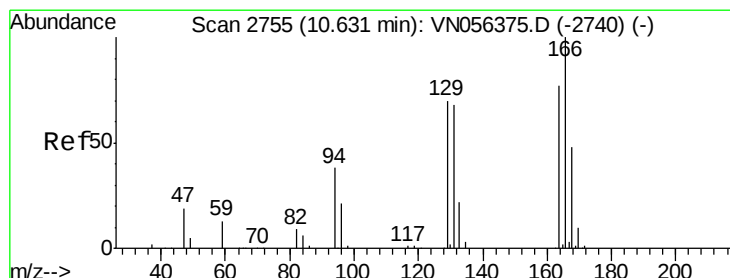
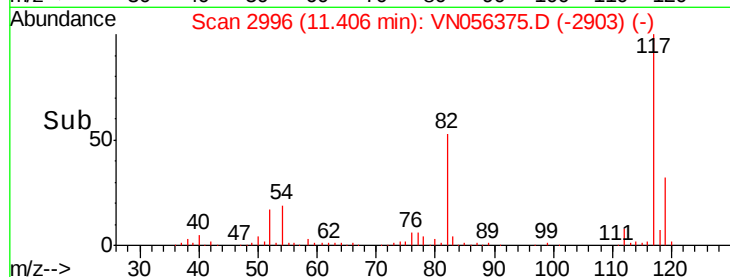
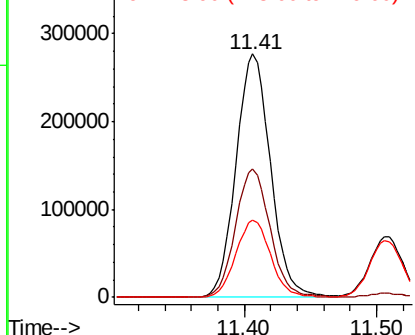
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion:117 Resp: 501880  
Ion Ratio Lower Upper  
117 100  
82 52.5 42.0 63.0  
119 31.6 25.3 37.9



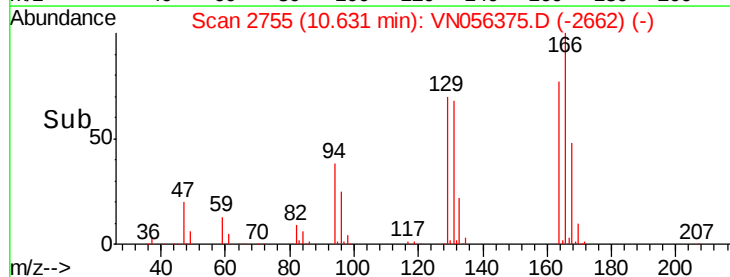
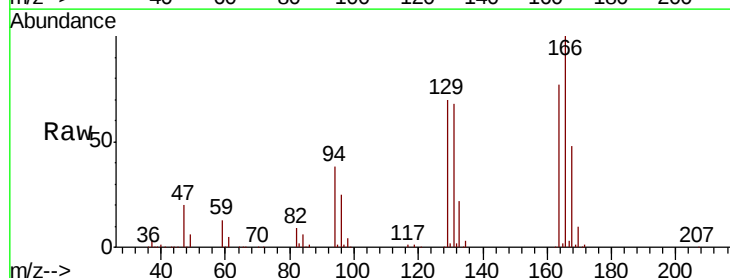
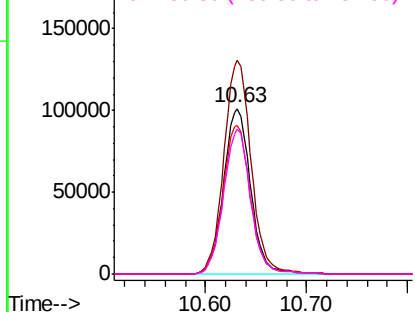
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

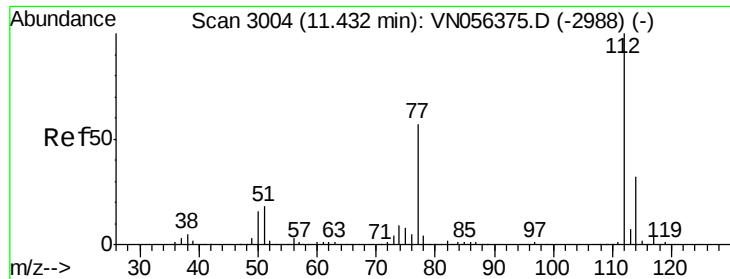


#64  
Tetrachloroethene  
Concen: 46.570 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion:164 Resp: 189615  
Ion Ratio Lower Upper  
164 100  
166 129.2 103.4 155.0  
129 90.0 72.0 108.0  
131 87.7 70.2 105.2

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: 48.846 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampled :

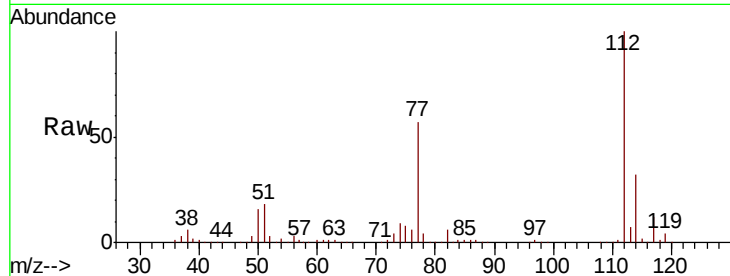
VSTDICCC050

Tot Ion:112 Resp: 495147

Ion Ratio Lower Upper

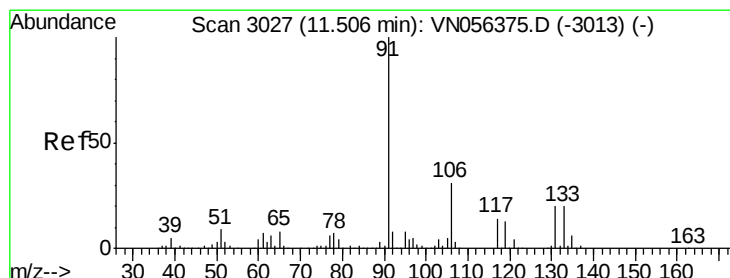
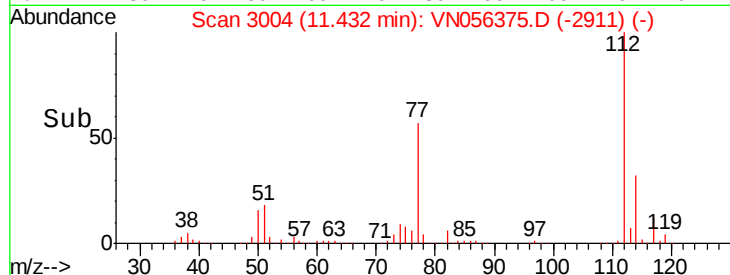
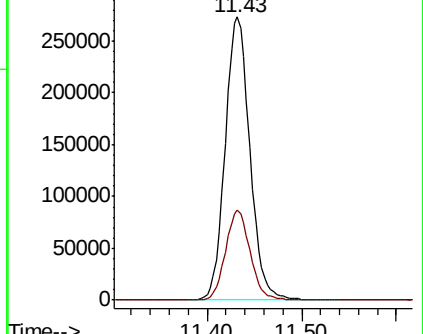
112 100

114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.422 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

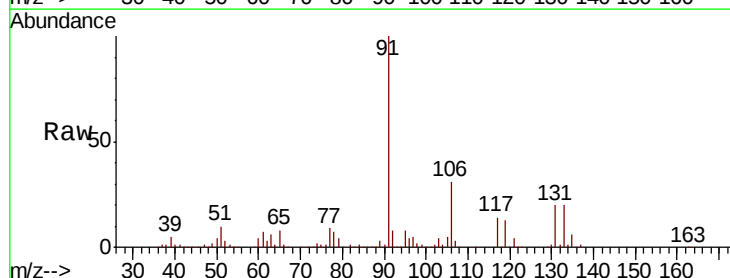
Tgt Ion:131 Resp: 174556

Ion Ratio Lower Upper

131 100

133 94.8 47.4 142.2

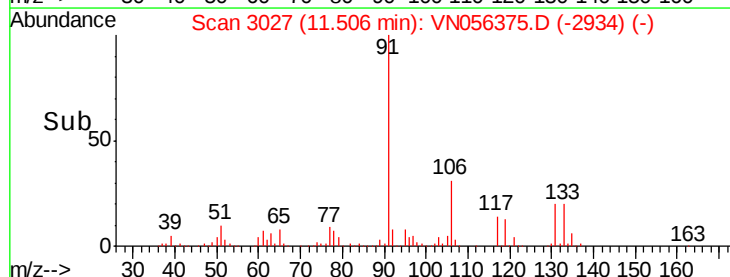
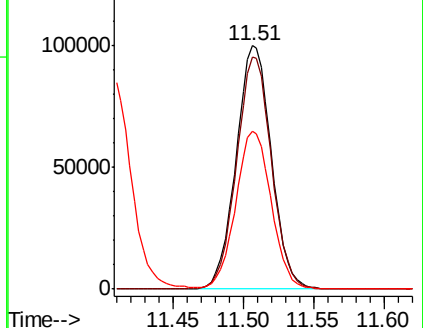
119 65.6 32.8 98.4

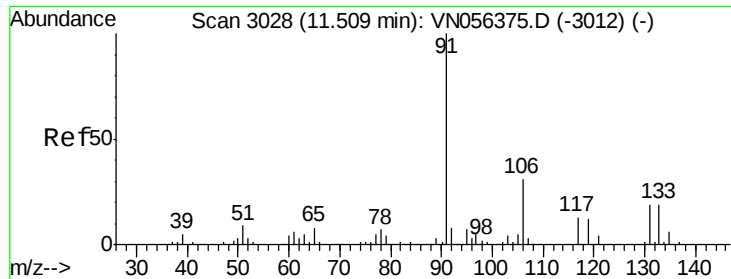


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

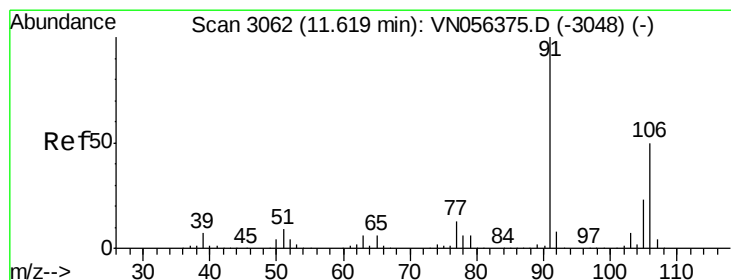
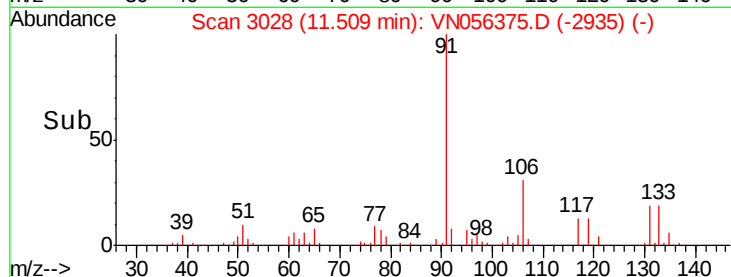
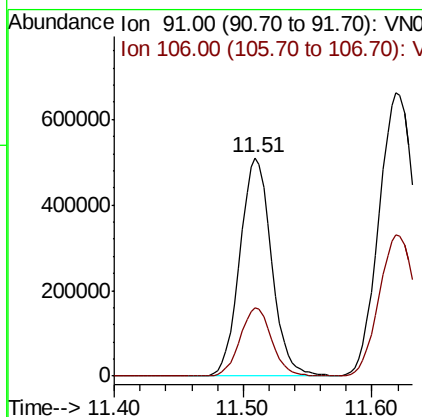
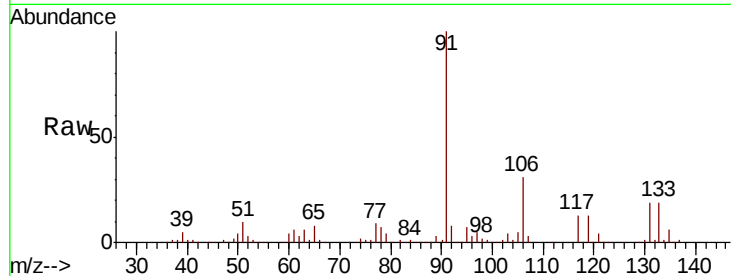




#67  
Ethyl Benzene  
Concen: 50.016 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

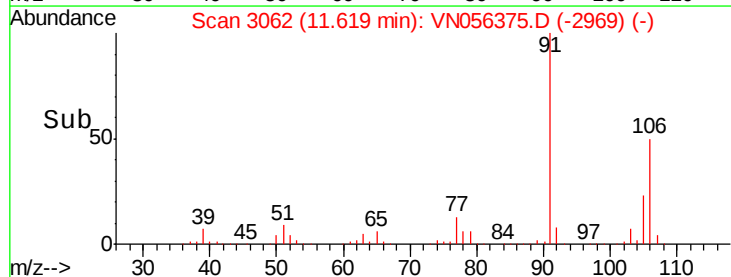
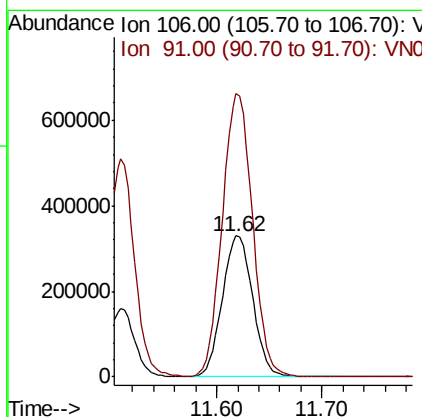
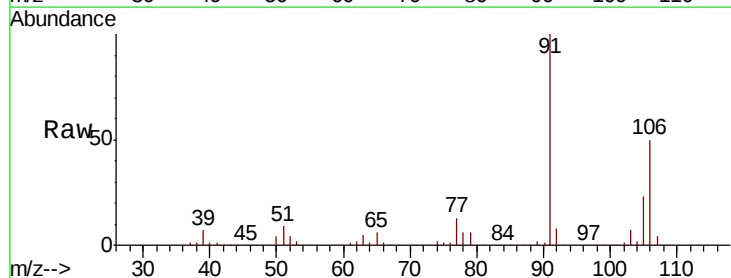
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

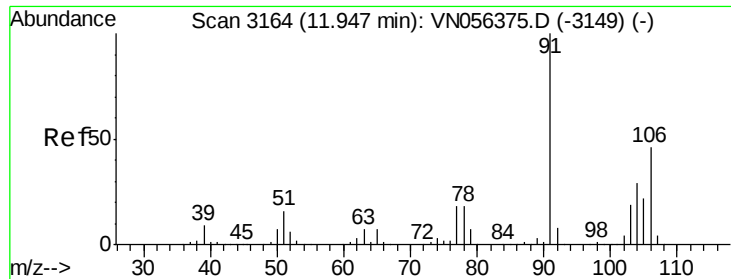
Tot Ion: 91 Resp: 871991  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.1 37.7



#68  
m/p-Xylenes  
Concen: 101.468 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion: 106 Resp: 657204  
Ion Ratio Lower Upper  
106 100  
91 200.1 160.1 240.1

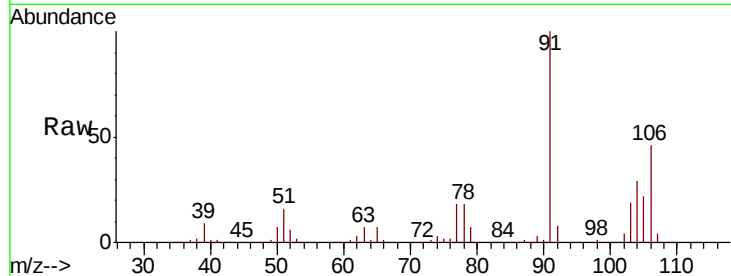




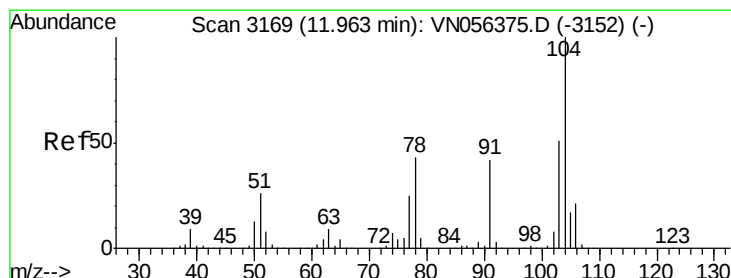
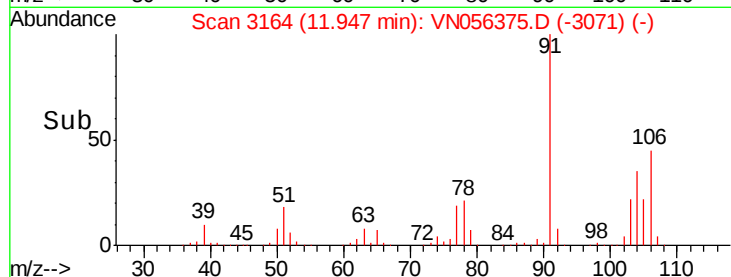
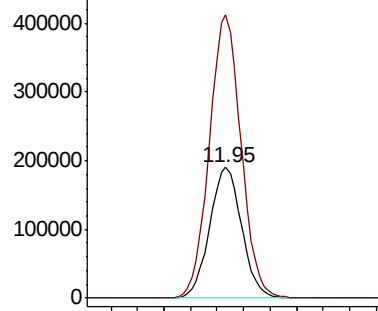
#69  
o-Xylene  
Concen: 50.152 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion:106 Resp: 320153  
Ion Ratio Lower Upper  
106 100  
91 214.2 107.1 321.3

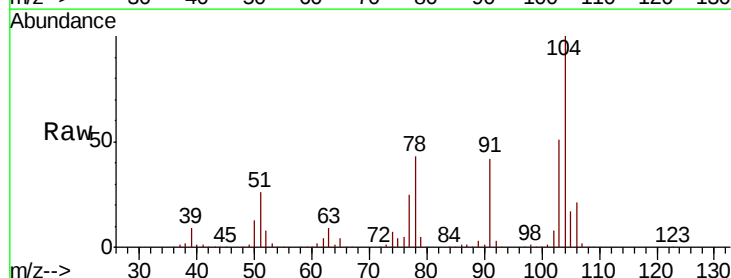


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

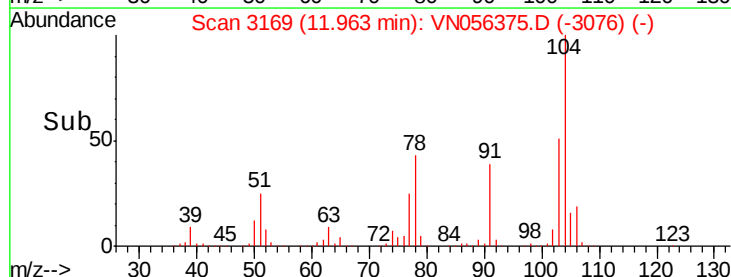
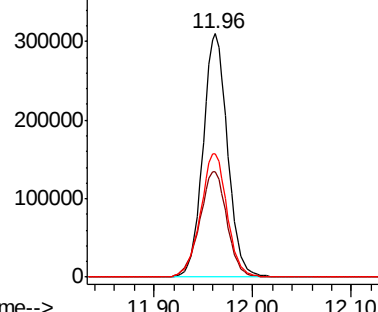


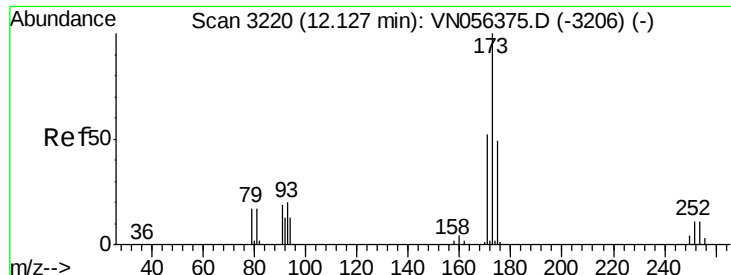
#70  
Styrene  
Concen: 52.309 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion:104 Resp: 538807  
Ion Ratio Lower Upper  
104 100  
78 48.2 38.6 57.8  
103 54.9 43.9 65.9



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

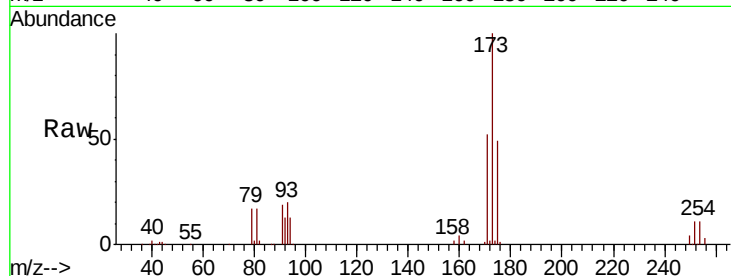




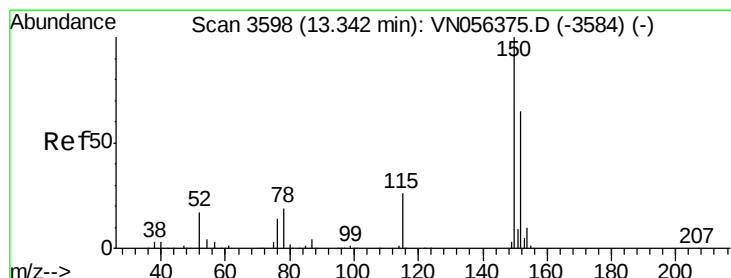
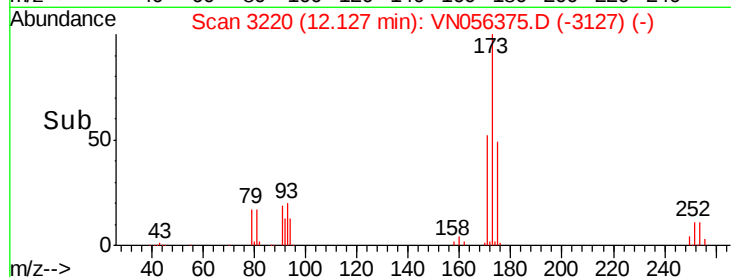
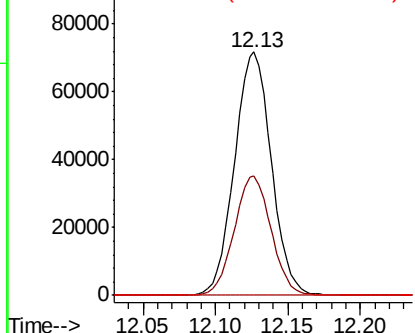
#71  
Bromoform  
Concen: 44.178 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion:173 Resp: 126509  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.4 73.4  
254 0.0 0.0 0.0

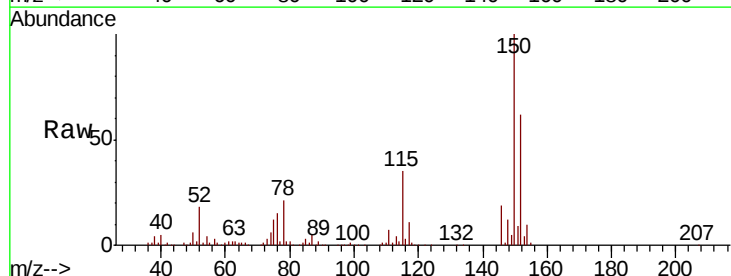


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

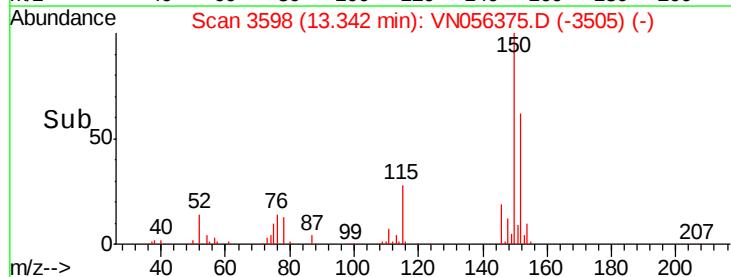
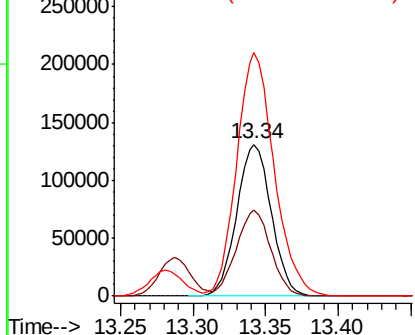


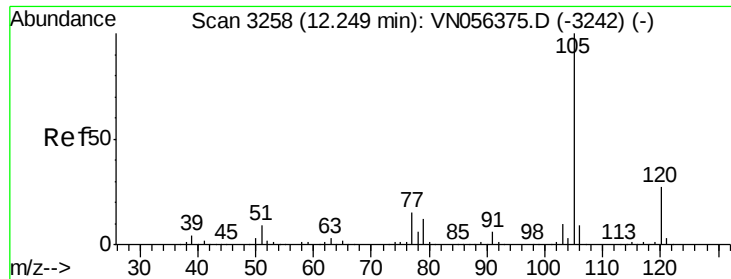
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion:152 Resp: 217202  
Ion Ratio Lower Upper  
152 100  
115 56.3 28.1 84.4  
150 174.2 0.0 348.4



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: 45.575 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

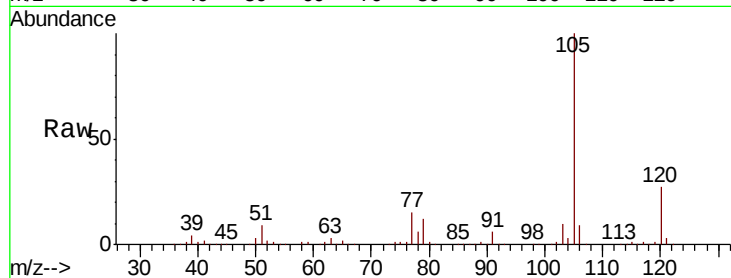
VSTDICCC050

Tot Ion:105 Resp: 844942

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

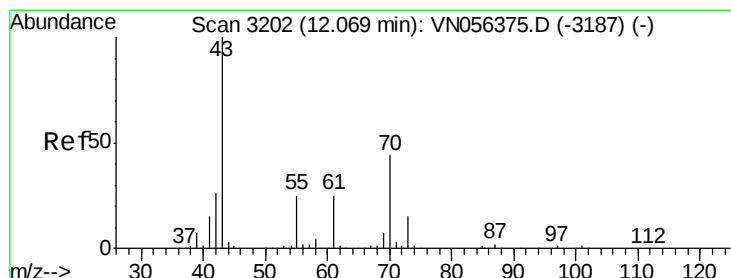
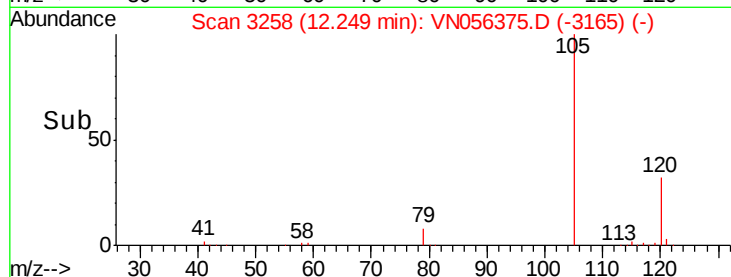
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 46.853 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Tgt Ion: 43 Resp: 319364

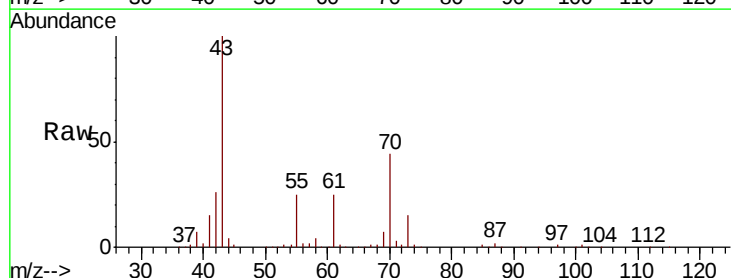
Ion Ratio Lower Upper

43 100

70 43.6 34.9 52.3

55 25.5 20.4 30.6

61 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

300000

250000

200000

150000

100000

50000

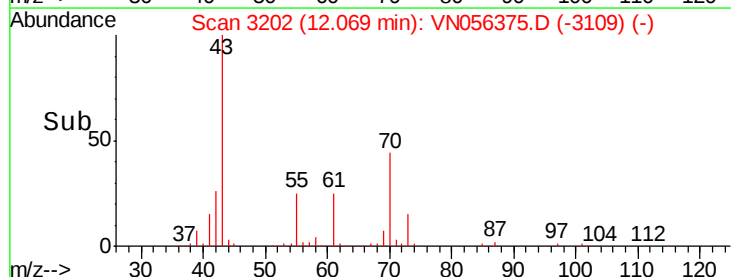
0

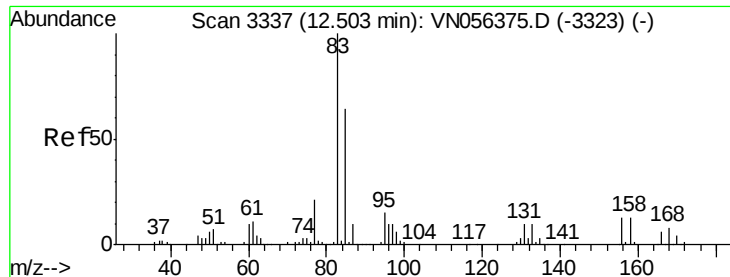
12.00

12.07

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.287 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

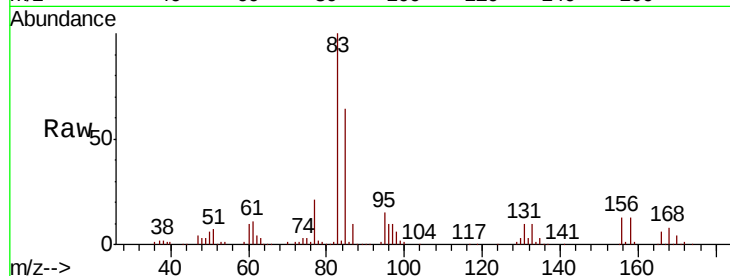
Tot Ion: 83 Resp: 262148

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

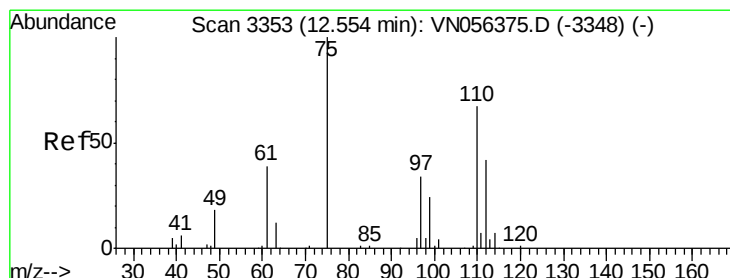
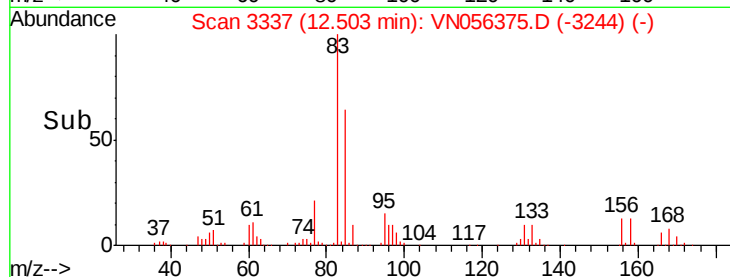
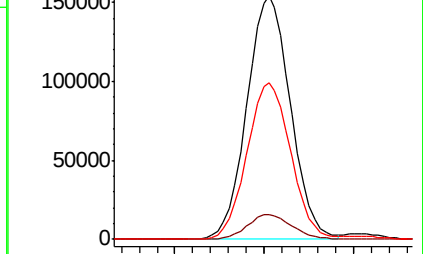
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 66.841 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056375.D

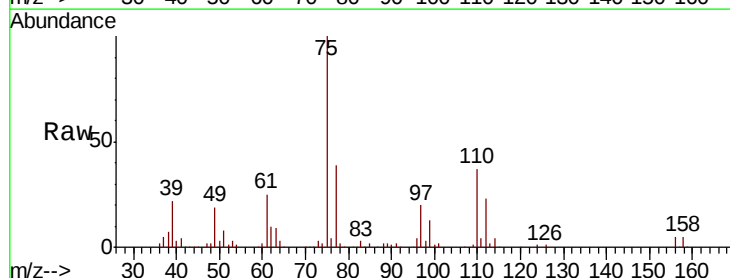
Acq: 19 Jun 2019 10:02

Tgt Ion: 75 Resp: 307601

Ion Ratio Lower Upper

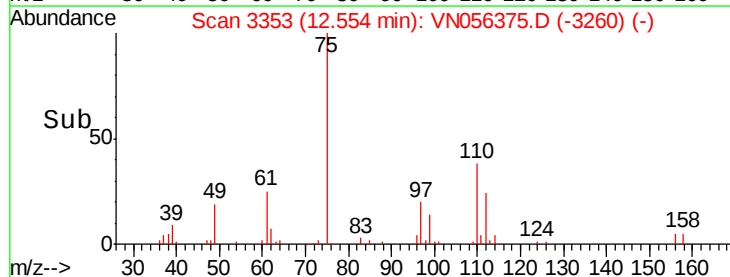
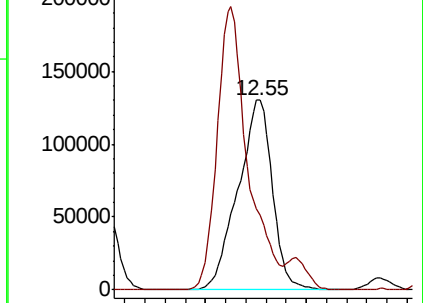
75 100

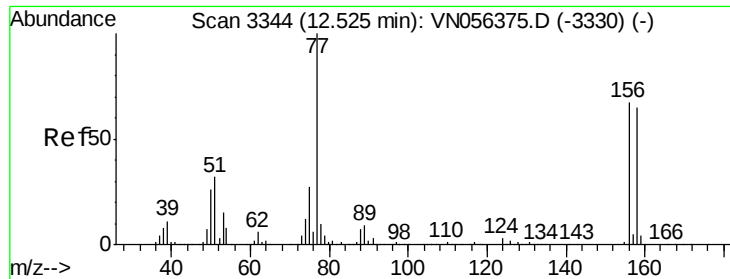
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 45.559 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

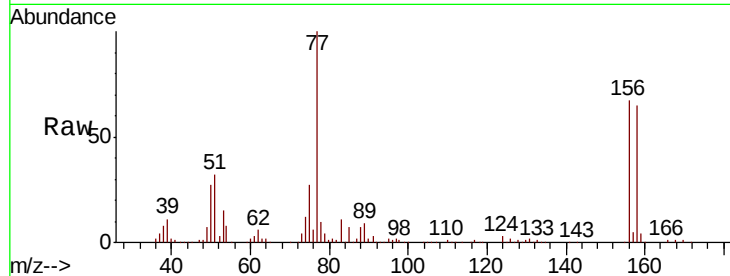
Tot Ion:156 Resp: 222480

Ion Ratio Lower Upper

156 100

77 184.9 92.5 277.3

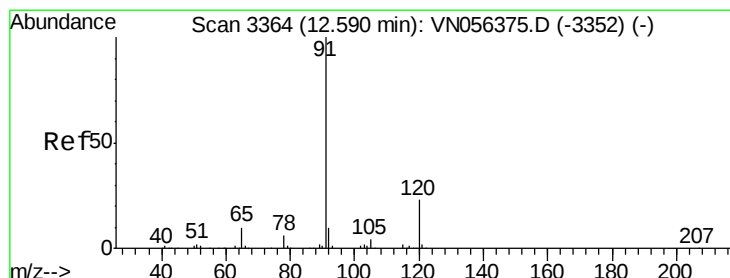
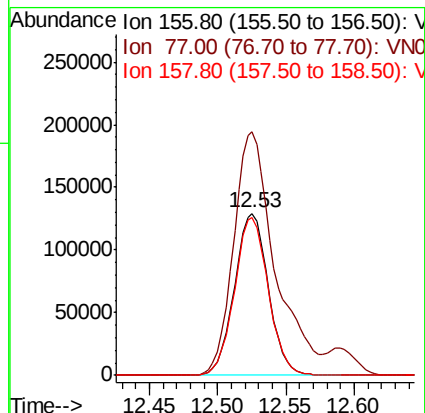
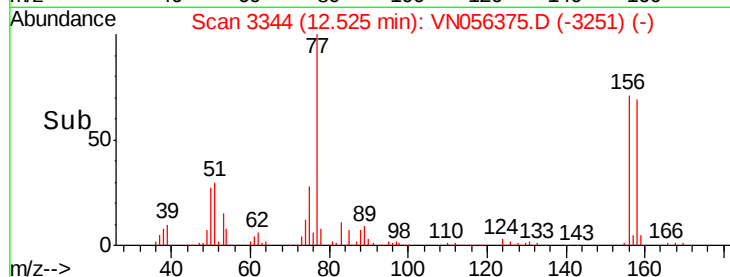
158 97.4 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.829 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056375.D

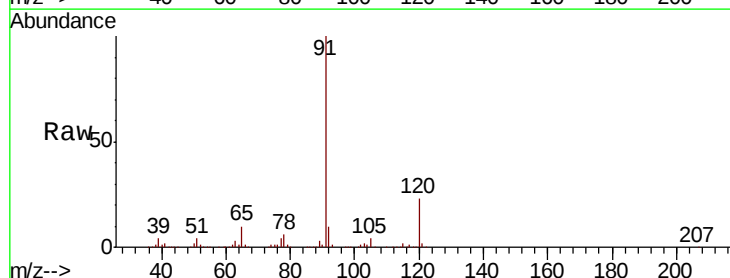
Acq: 19 Jun 2019 10:02

Tgt Ion: 91 Resp: 927223

Ion Ratio Lower Upper

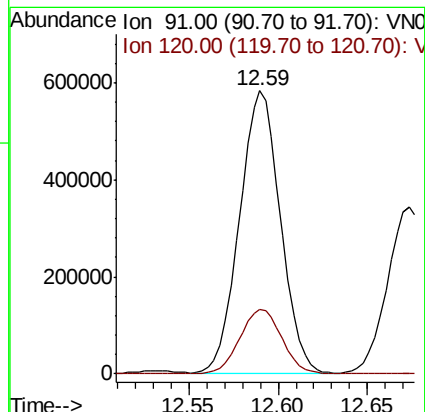
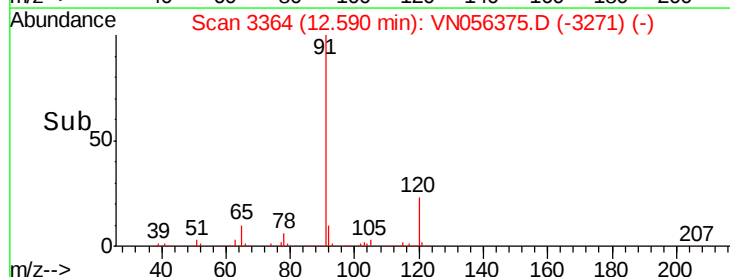
91 100

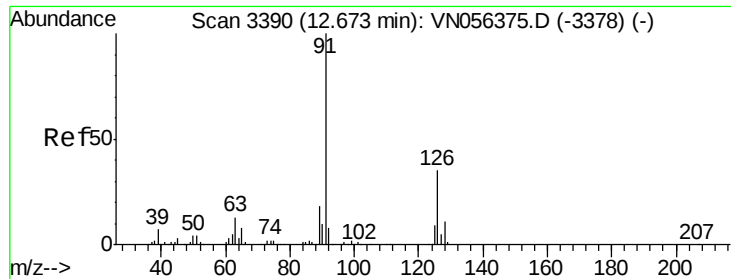
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.955 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampled :

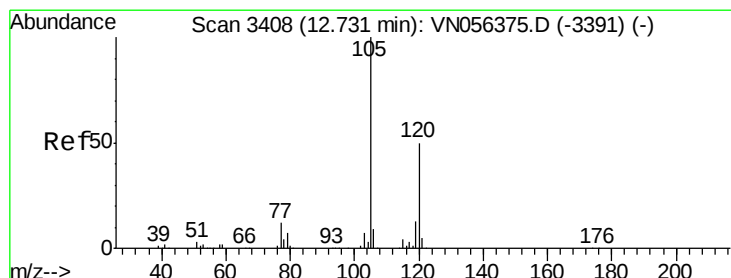
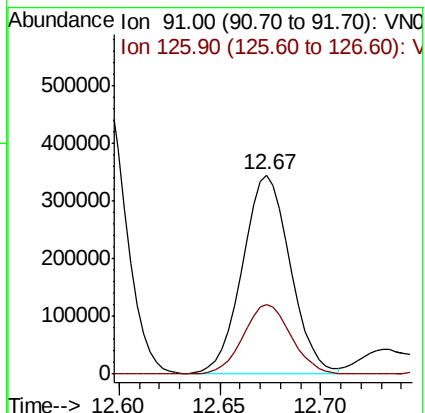
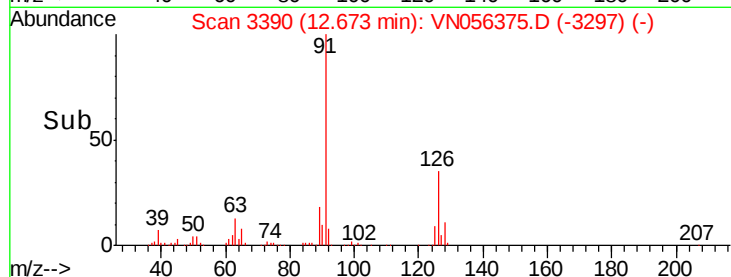
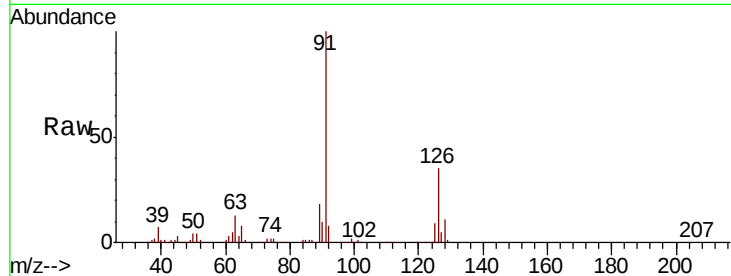
VSTDICCC050

Tot Ion: 91 Resp: 567716

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 46.694 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056375.D

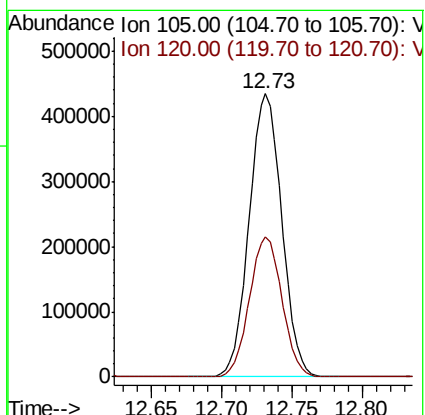
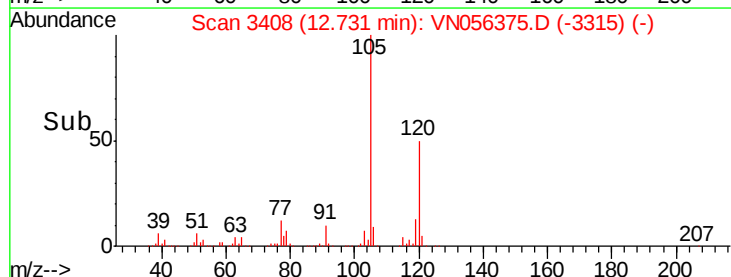
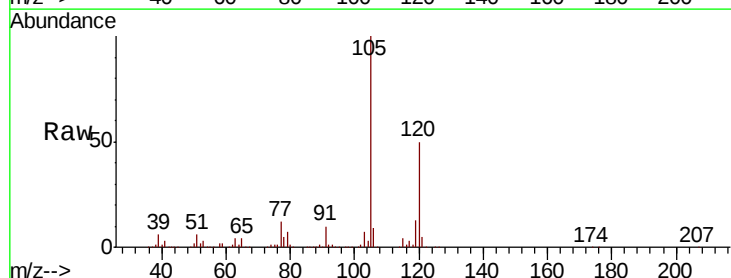
Acq: 19 Jun 2019 10:02

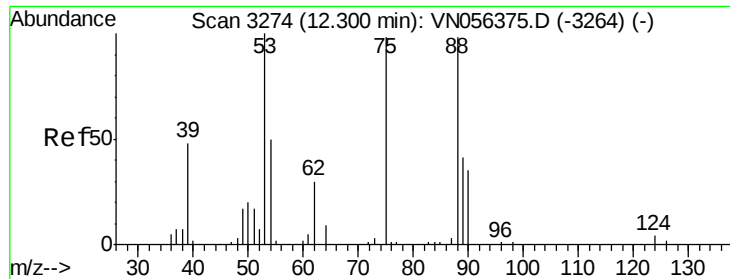
Tgt Ion: 105 Resp: 704299

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.536 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

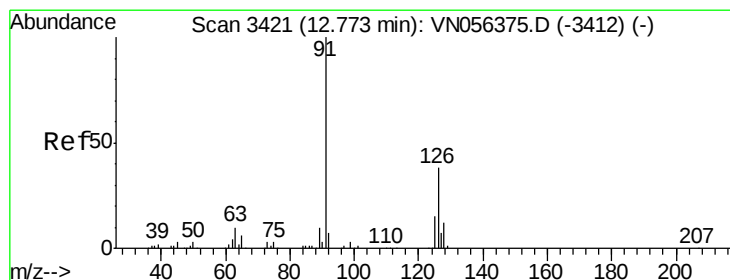
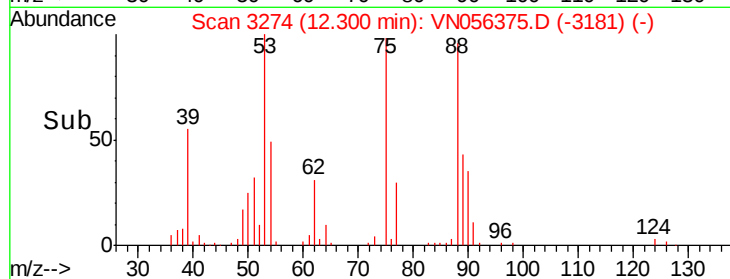
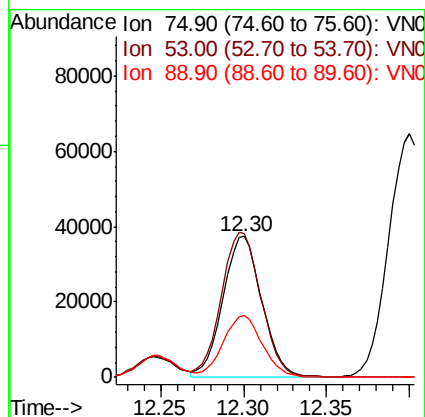
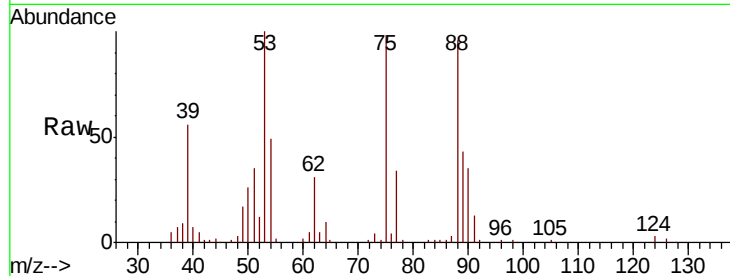
Tot Ion: 75 Resp: 61446

Ion Ratio Lower Upper

75 100

53 104.9 83.9 125.9

89 43.8 35.0 52.6



#82

4-Chlorotoluene

Concen: 48.345 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056375.D

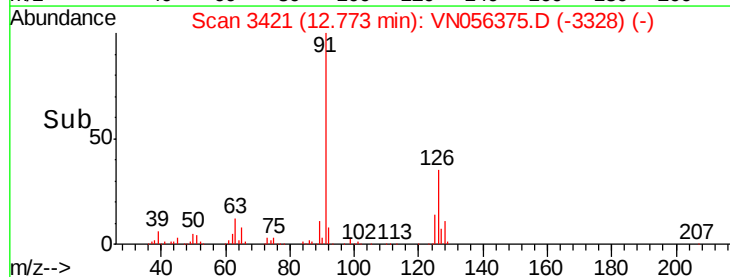
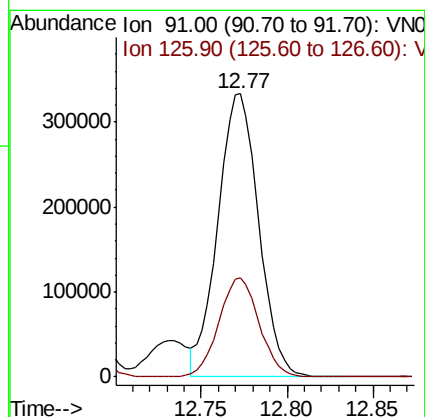
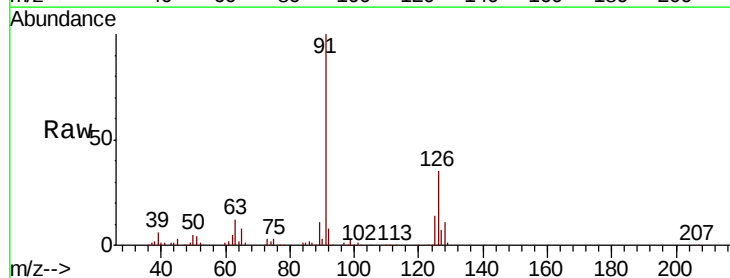
Acq: 19 Jun 2019 10:02

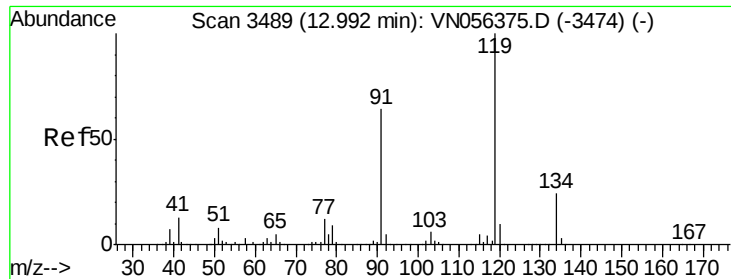
Tgt Ion: 91 Resp: 551021

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0

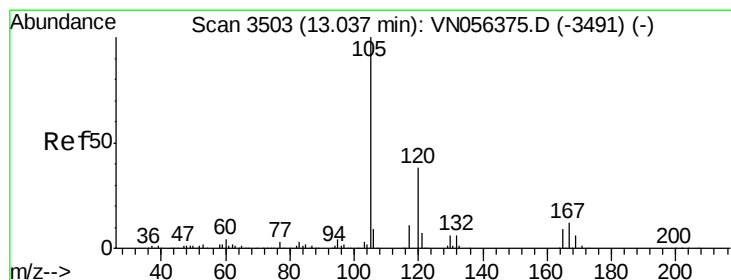
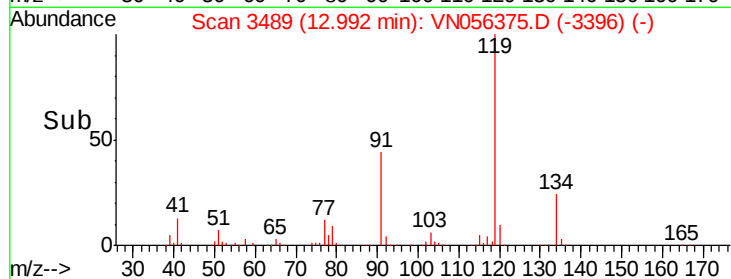
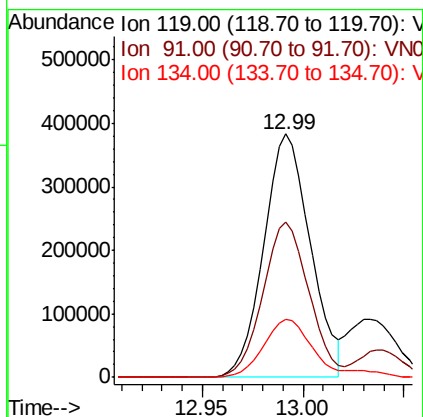
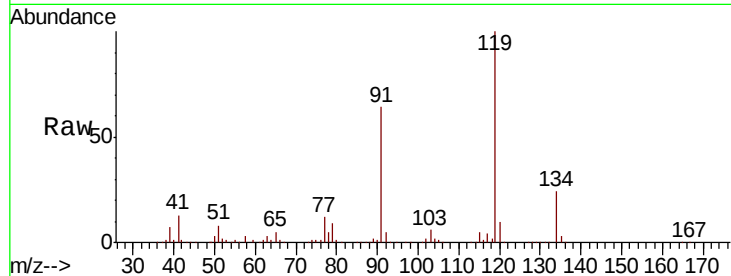




#83  
tert-Butylbenzene  
Concen: 45.557 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

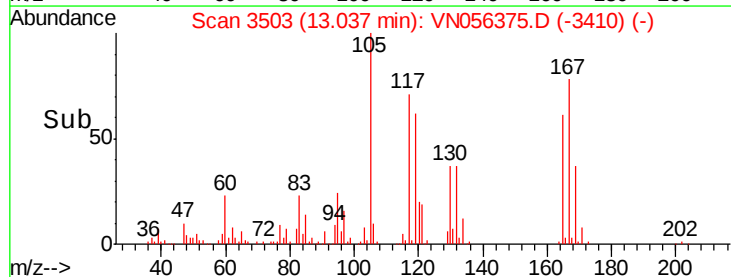
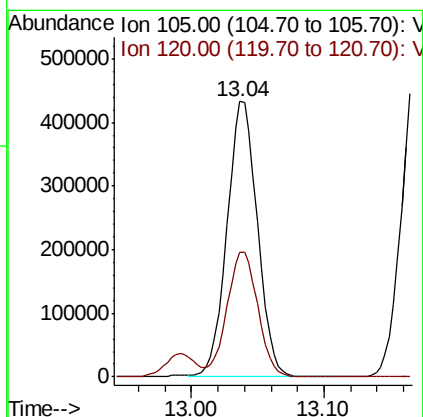
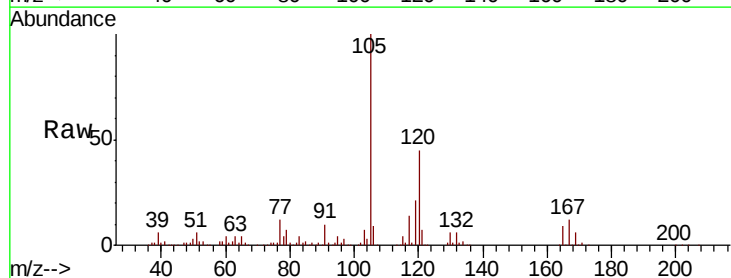
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

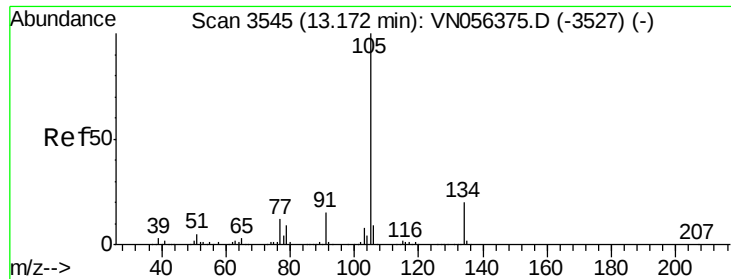
Tot Ion:119 Resp: 616821  
Ion Ratio Lower Upper  
119 100  
91 63.1 31.6 94.7  
134 26.3 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 48.952 ug/l  
RT: 13.04 min Scan# 3503  
Delta R.T. 0.00 min  
Lab File: VN056375.D  
Acq: 19 Jun 2019 10:02

Tgt Ion:105 Resp: 688230  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.9 68.8

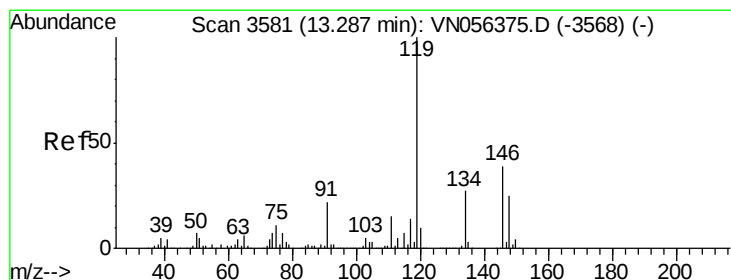
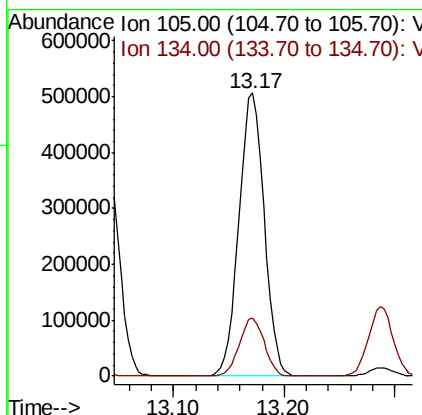
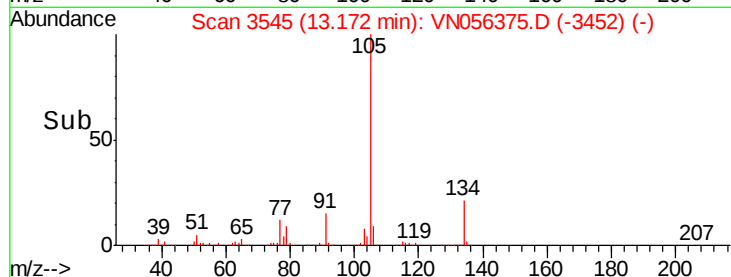
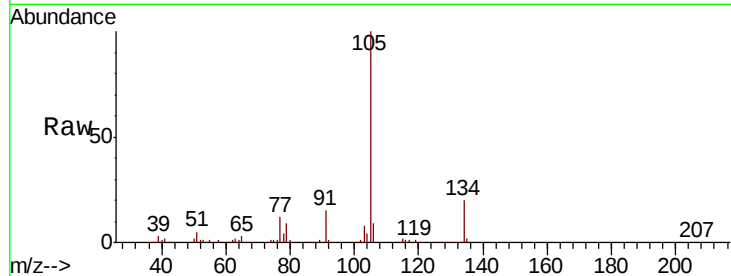




#85  
 sec-Butylbenzene  
 Concen: 47.275 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

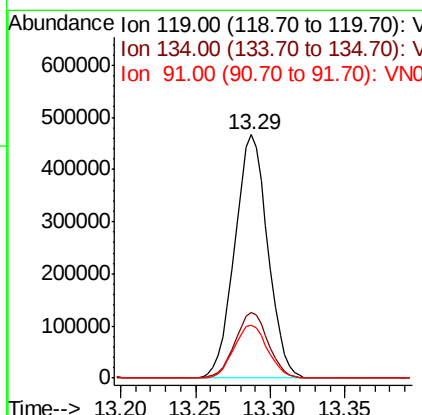
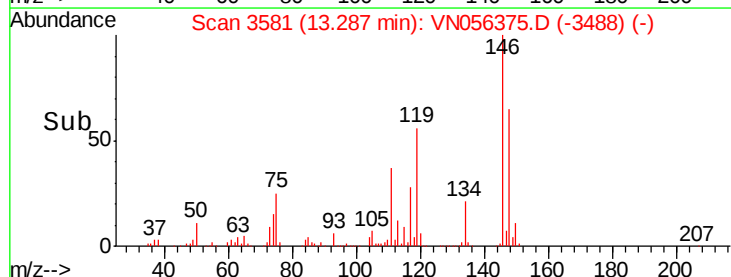
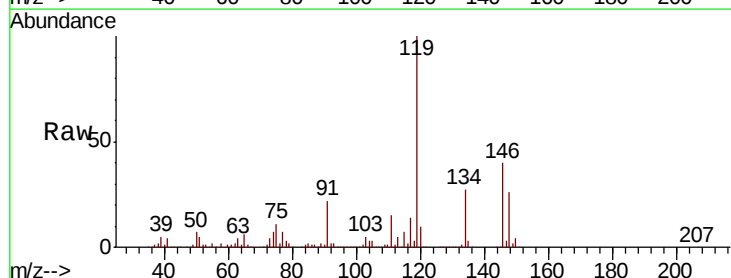
Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDICCC050

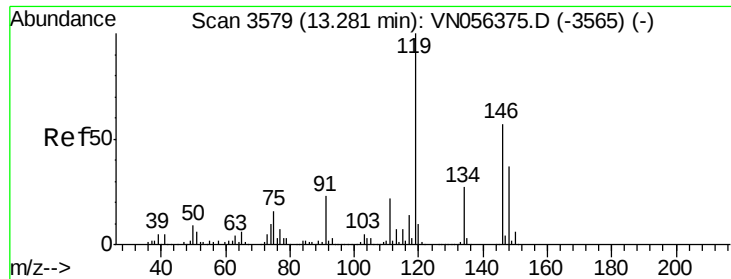
Tot Ion:105 Resp: 805186  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 49.023 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion:119 Resp: 714290  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.5 40.4  
 91 22.3 11.2 33.5

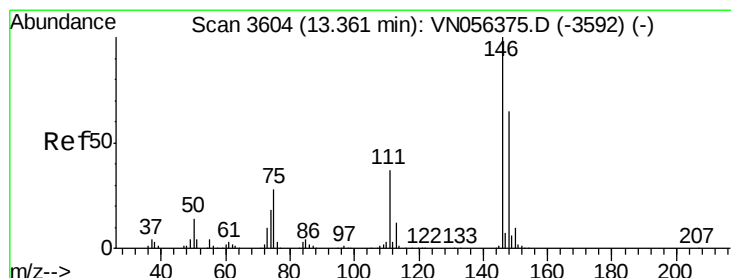
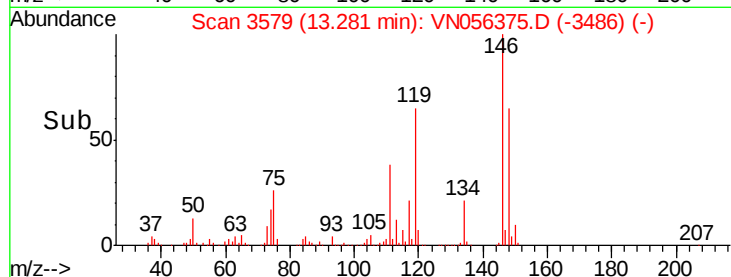
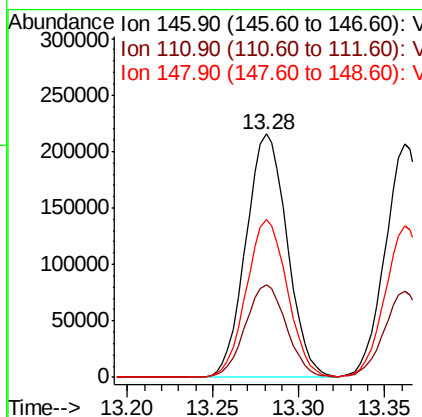
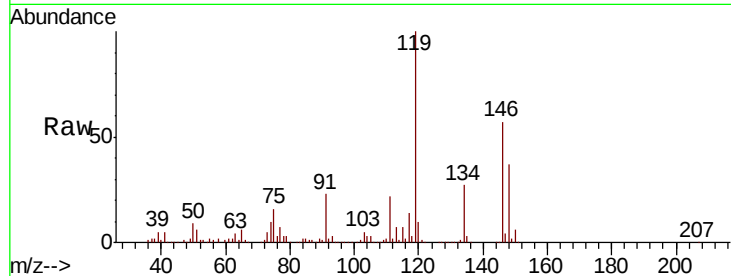




#87  
 1,3-Dichlorobenzene  
 Concen: 48.761 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

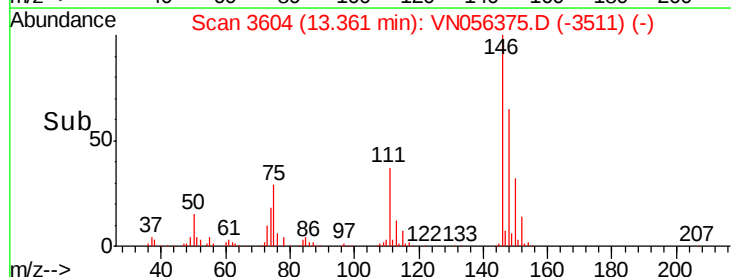
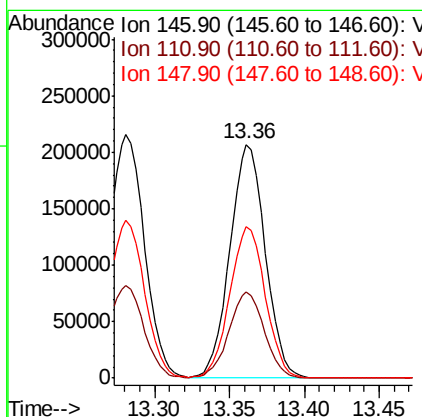
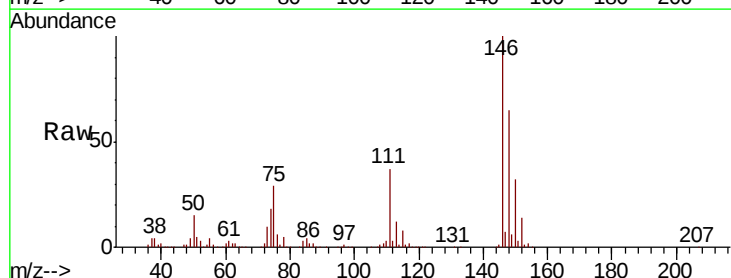
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

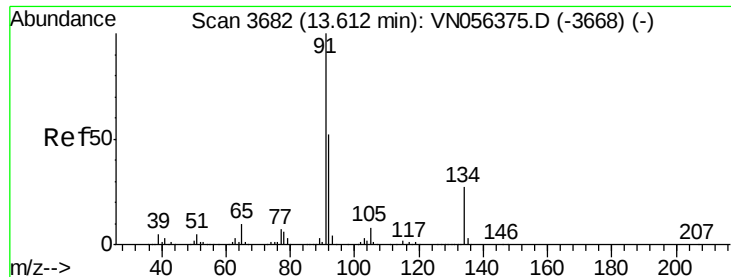
Tot Ion:146 Resp: 358983  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 18.9 56.9  
 148 64.3 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 48.240 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion:146 Resp: 340657  
 Ion Ratio Lower Upper  
 146 100  
 111 36.9 18.4 55.4  
 148 64.7 32.4 97.0





#89

n-Butylbenzene

Concen: 50.579 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

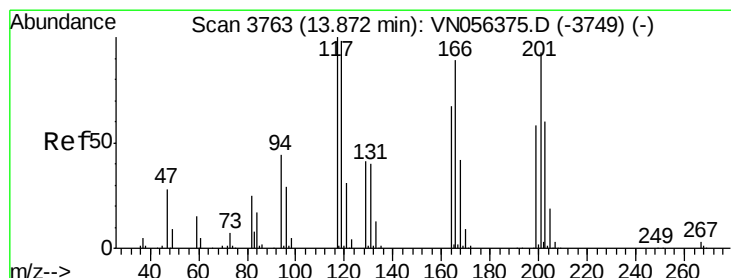
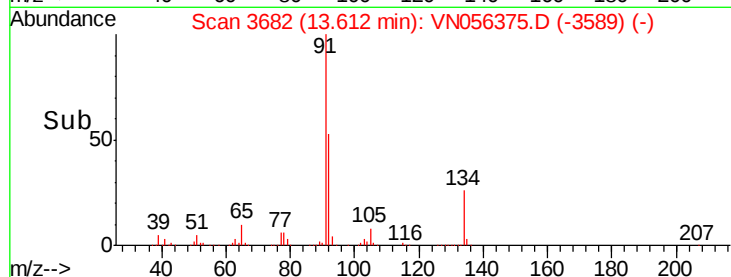
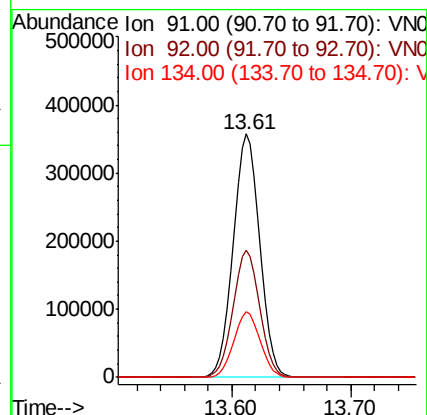
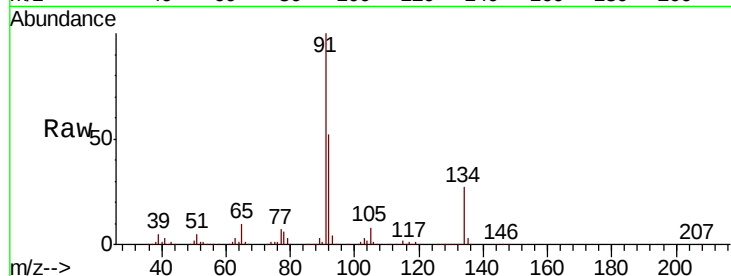
Tot Ion: 91 Resp: 551800

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

134 26.8 13.4 40.2



#90

Hexachloroethane

Concen: 39.500 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056375.D

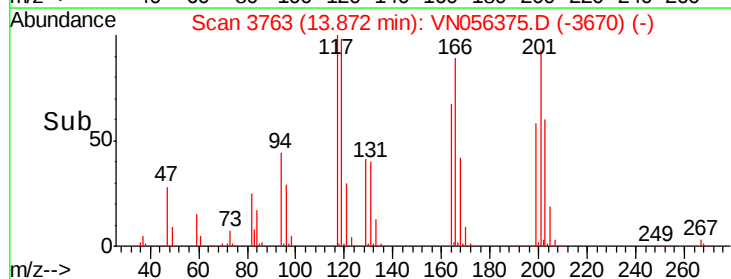
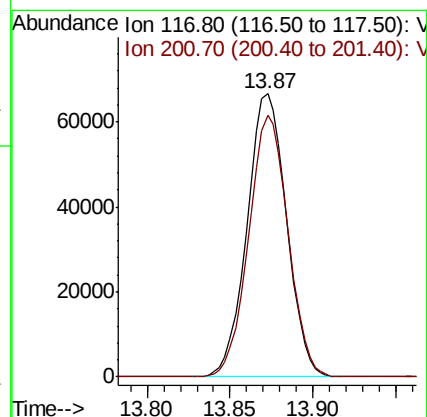
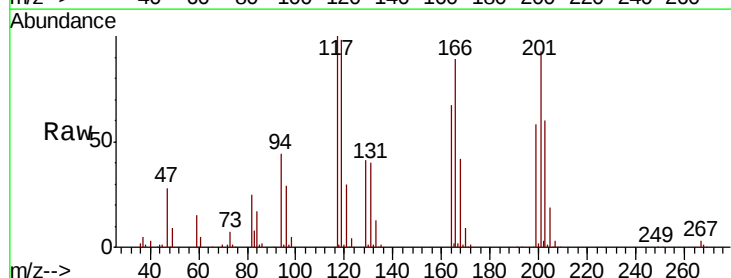
Acq: 19 Jun 2019 10:02

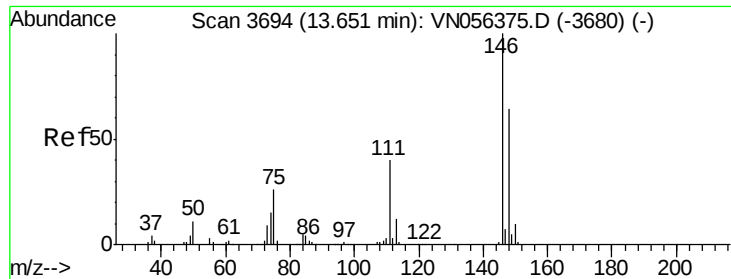
Tgt Ion: 117 Resp: 110205

Ion Ratio Lower Upper

117 100

201 91.7 45.9 137.6





#91

1,2-Dichlorobenzene

Concen: 49.704 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

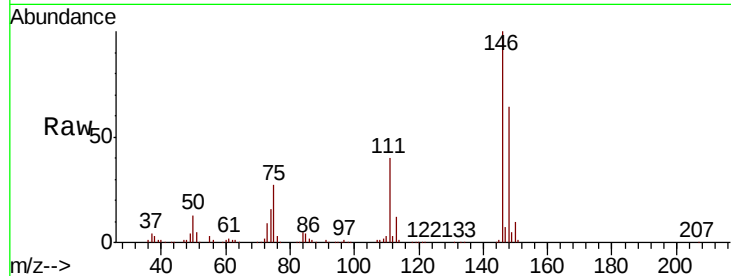
Tot Ion:146 Resp: 359099

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

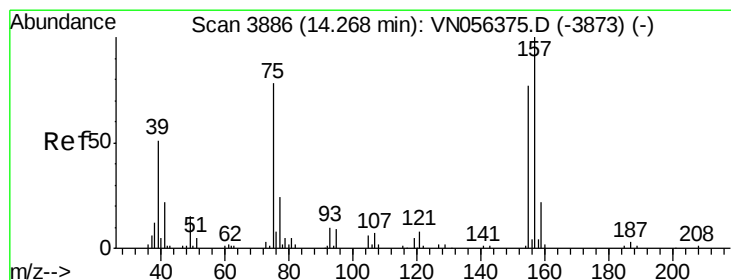
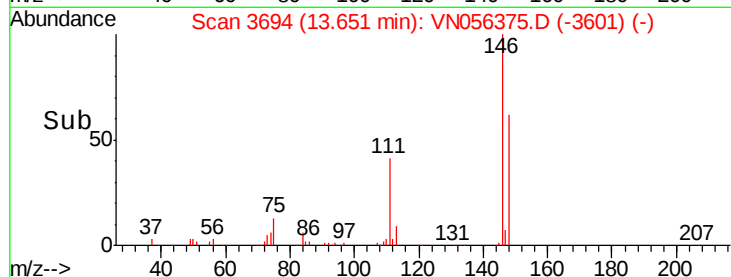
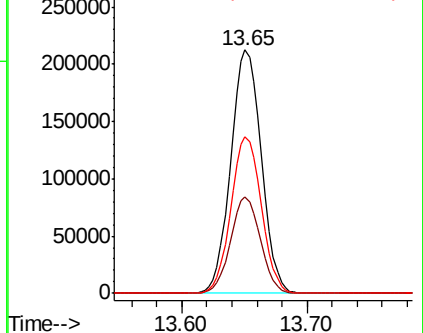
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.252 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

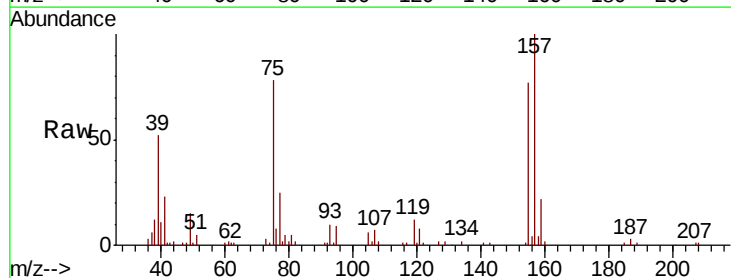
Tgt Ion: 75 Resp: 40927

Ion Ratio Lower Upper

75 100

155 97.9 48.9 146.8

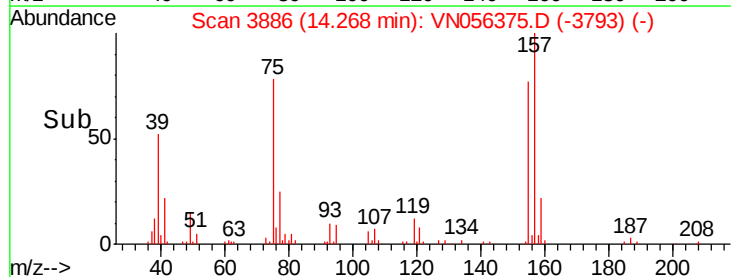
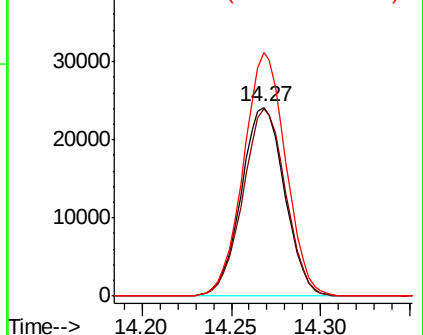
157 125.9 62.9 188.8

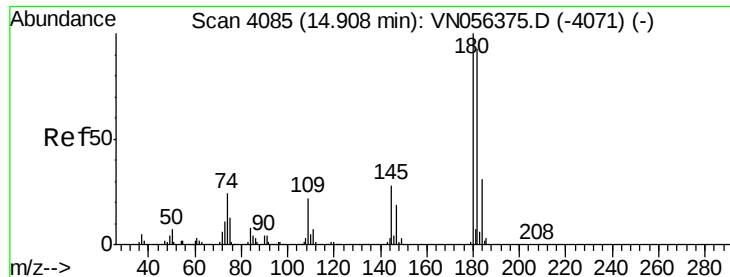


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

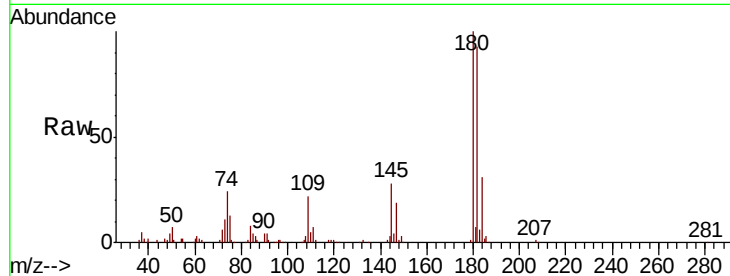




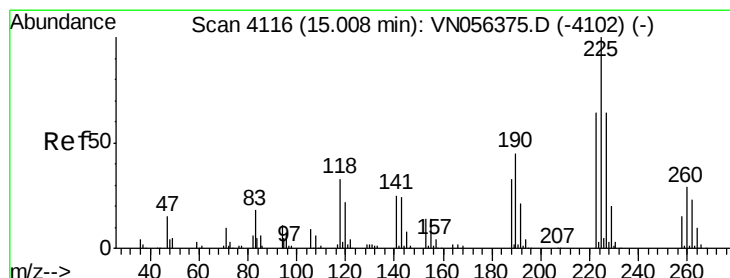
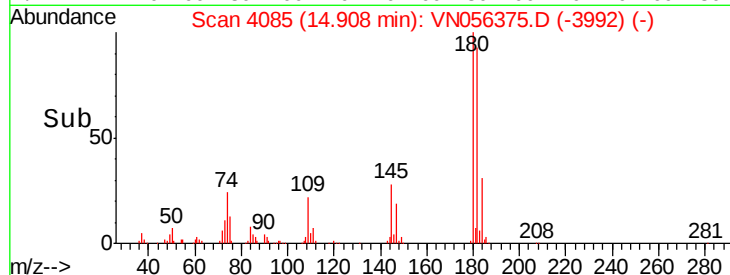
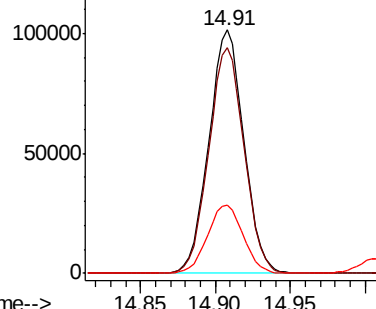
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.193 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Tot Ion:180 Resp: 164847  
 Ion Ratio Lower Upper  
 180 100  
 182 93.7 46.9 140.6  
 145 28.7 14.4 43.0

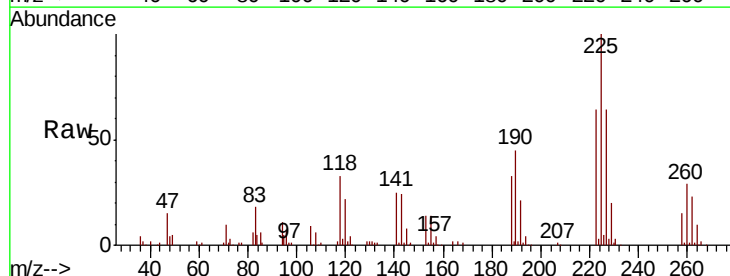


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

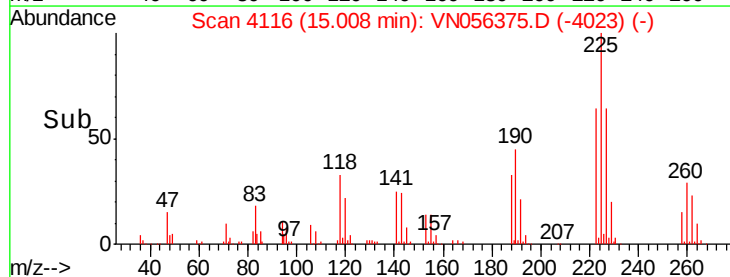
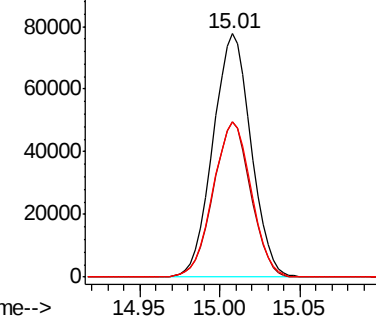


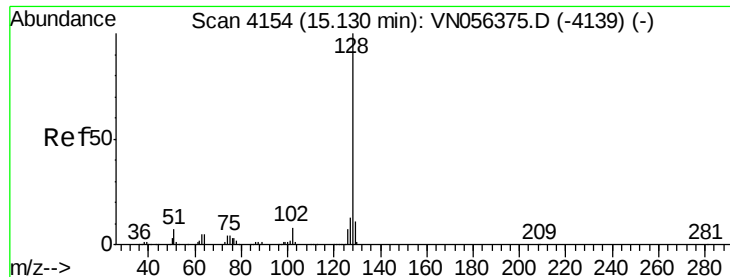
#94  
 Hexachlorobutadiene  
 Concen: 43.701 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056375.D  
 Acq: 19 Jun 2019 10:02

Tgt Ion:225 Resp: 126164  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.4 94.3  
 227 64.2 32.1 96.3



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: 53.540 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

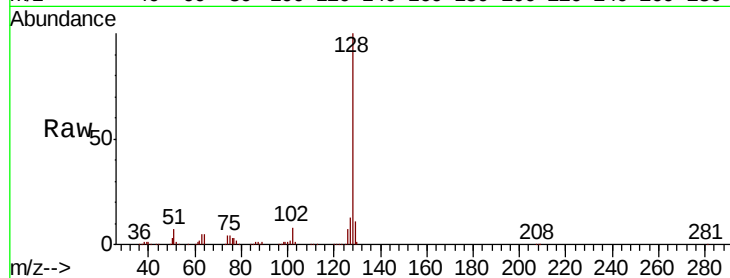
Tot Ion:128 Resp: 438867

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

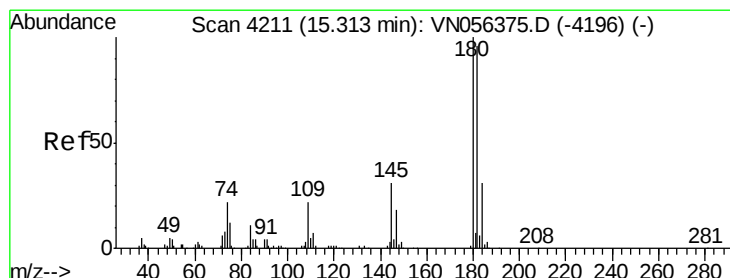
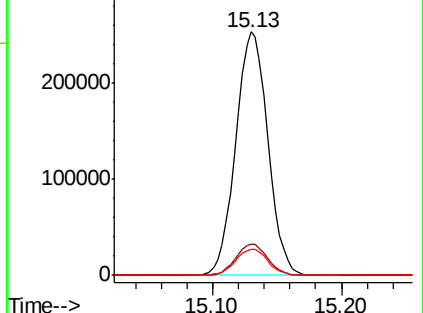
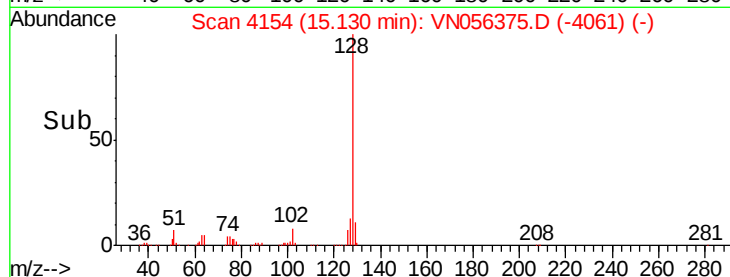
129 10.7 8.6 12.8



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: 54.513 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056375.D

Acq: 19 Jun 2019 10:02

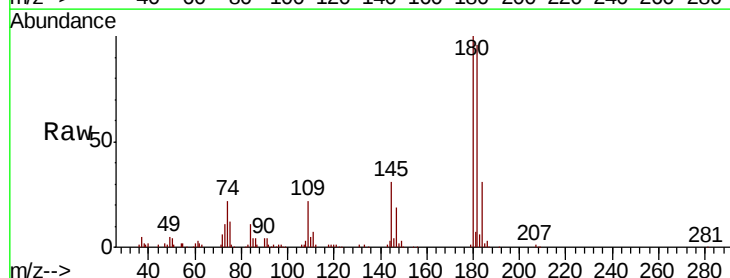
Tgt Ion:180 Resp: 178605

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.8

145 30.7 15.4 46.1



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

