

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\  
 Data File : VN058449.D  
 Acq On : 30 Sep 2019 20:20  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 01 01:36:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092719W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 30 08:07:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 412917   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 708808   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 650948   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 316830   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.01   | 65  | 306366   | 50.77 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.54% |      |
| 35) Dibromofluoromethane    | 7.57   | 113 | 222154   | 51.14 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.28% |      |
| 50) Toluene-d8              | 10.08  | 98  | 871547   | 51.21 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.42% |      |
| 62) 4-Bromofluorobenzene    | 12.41  | 95  | 323652   | 52.60 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.20% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 227506  | 50.249  | ug/l   | 99     |
| 3) Chloromethane              | 2.03 | 50  | 249925  | 50.210  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 249095  | 51.085  | ug/l   | 98     |
| 5) Bromomethane               | 2.54 | 94  | 131948  | 50.945  | ug/l   | 98     |
| 6) Chloroethane               | 2.68 | 64  | 148945  | 50.980  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 298479  | 50.725  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.39 | 74  | 126861  | 49.968  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 200874  | 50.266  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.93 | 142 | 223413  | 50.419  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.76 | 59  | 188583  | 281.324 | ug/l # | 83     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 193867  | 49.770  | ug/l   | 99     |
| 13) Acrolein                  | 3.59 | 56  | 79818   | 374.366 | ug/l   | 99     |
| 14) Allyl chloride            | 4.30 | 41  | 359320  | 50.689  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.96 | 53  | 527636  | 270.074 | ug/l   | 100    |
| 16) Acetone                   | 3.79 | 43  | 460707  | 223.973 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 534187  | 52.025  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.30 | 43  | 250007  | 48.324  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73  | 693239  | 50.440  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.53 | 84  | 235447  | 49.600  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.02 | 96  | 218384  | 50.417  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.93 | 45  | 790387  | 51.814  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.87 | 43  | 3239367 | 281.635 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.83 | 63  | 445642  | 51.909  | ug/l   | 100    |
| 25) 2-Butanone                | 6.81 | 43  | 731751  | 259.104 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.81 | 77  | 328912  | 46.602  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 260538  | 51.463  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.18 | 49  | 181406  | 52.862  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.19 | 42  | 481304  | 268.515 | ug/l   | 100    |
| 30) Chloroform                | 7.36 | 83  | 447480  | 51.437  | ug/l   | 99     |
| 31) Cyclohexane               | 7.64 | 56  | 410282  | 49.130  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 376737  | 52.735  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 344337  | 50.805  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.91 | 43  | 310083  | 53.963  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 325177  | 53.153  | ug/l   | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Oct 01 01:36:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092719W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 30 08:07:38 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 409325   | 51.717   | ug/l   | 97       |
| 40) Benzene                    | 8.03  | 78   | 1001867  | 51.425   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.19  | 41   | 457622   | 173.109  | ug/l # | 16       |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 383083   | 50.542   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.15  | 43   | 535956   | 49.600   | ug/l   | 100      |
| 44) Trichloroethene            | 8.82  | 130  | 245666   | 51.069   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 274741   | 52.583   | ug/l   | 97       |
| 46) Dibromomethane             | 9.20  | 93   | 171993   | 51.979   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.39  | 83   | 344906   | 55.015   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.19  | 41   | 259533   | 52.747   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 88309    | 1342.269 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 1580563  | 284.762  | ug/l   | 99       |
| 52) Toluene                    | 10.15 | 92   | 626157   | 51.063   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 373880   | 54.792   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 411693   | 54.352   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 235337   | 52.707   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 371074   | 54.769   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 425962   | 53.484   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 734259   | 271.788  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1148177  | 284.091  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 242369   | 52.446   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 245120   | 53.727   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 201423   | 48.704   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 655528   | 50.662   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 229393   | 52.618   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1238690  | 52.852   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 905337   | 102.670  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 430466   | 50.712   | ug/l   | 96       |
| 70) Styrene                    | 11.97 | 104  | 746848   | 54.158   | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 158173   | 52.466   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1201079  | 51.296   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 489694   | 52.571   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 352777   | 50.952   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 442700   | 76.500   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 269994   | 49.178   | ug/l   | 97       |
| 78) n-propylbenzene            | 12.60 | 91   | 1427662  | 54.121   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 825416   | 50.695   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.74 | 105  | 1026584  | 52.376   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 98472    | 51.681   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 852727   | 51.325   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.00 | 119  | 864724   | 52.284   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.05 | 105  | 1019319  | 51.906   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.18 | 105  | 1180304  | 54.220   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.30 | 119  | 1053330  | 54.970   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 507075   | 50.936   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 498375   | 50.317   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 946707   | 54.542   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 166823   | 57.945   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 497620   | 52.024   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75   | 69158    | 56.642   | ug/l   | 95       |

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Acq On : 30 Sep 2019 20:20  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 01 01:36:31 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092719W.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 30 08:07:38 2019  
Response via : Initial Calibration

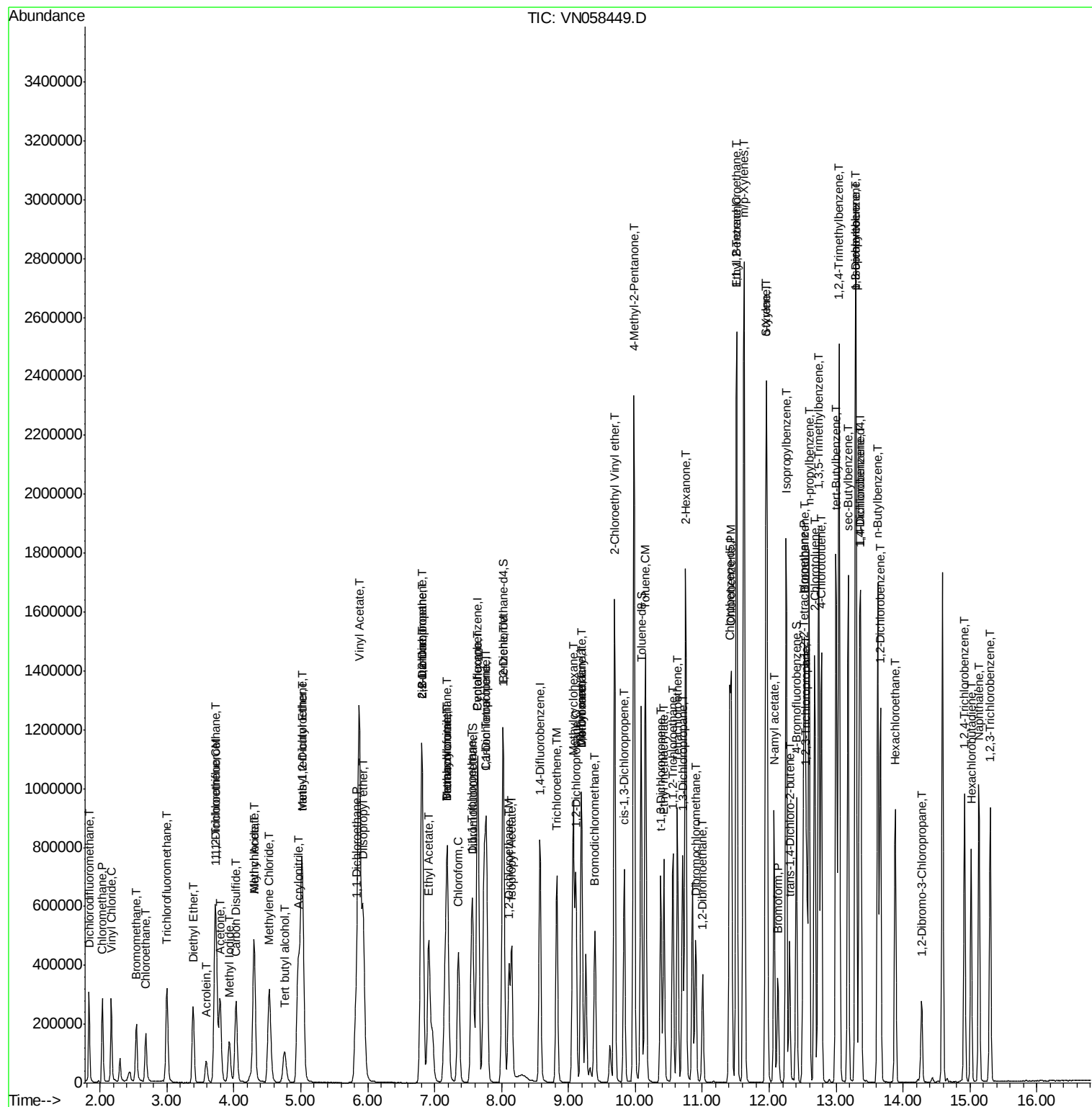
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180  | 292235   | 55.288 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.02 | 225  | 138247   | 50.886 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 788515   | 50.940 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 278652   | 52.584 | ug/l  | 99       |

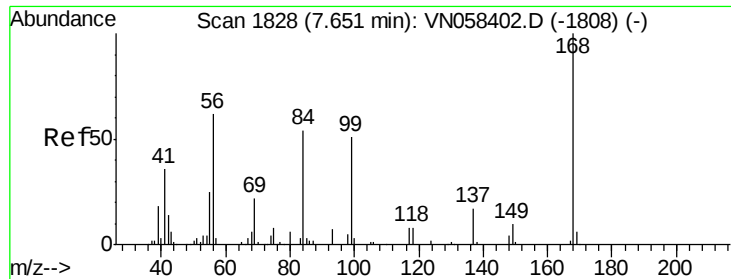
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093019\  
Data File : VN058449.D  
Acq On : 30 Sep 2019 20:20  
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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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Quant Title : SW846 8260  
QLast Update : Mon Sep 30 08:07:38 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

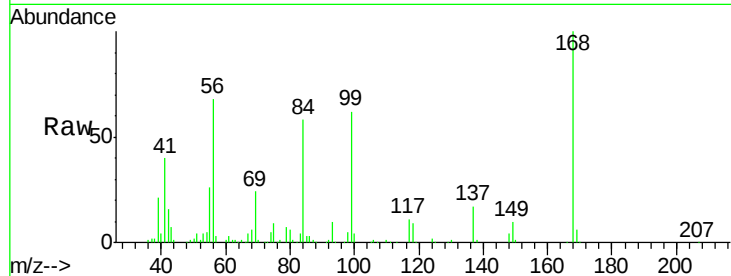
VSTDCCC050EC

Tot Ion:168 Resp: 412917

Ion Ratio Lower Upper

168 100

99 61.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

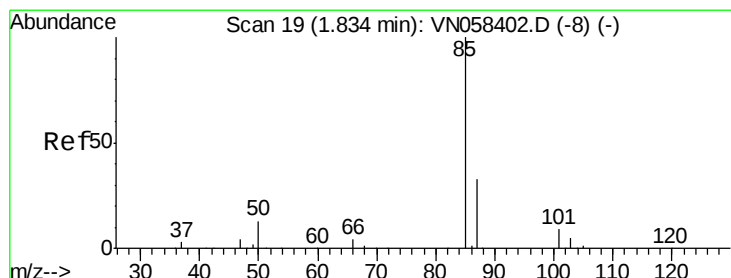
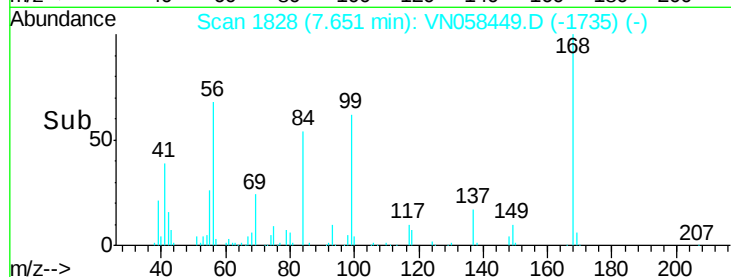
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.249 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058449.D

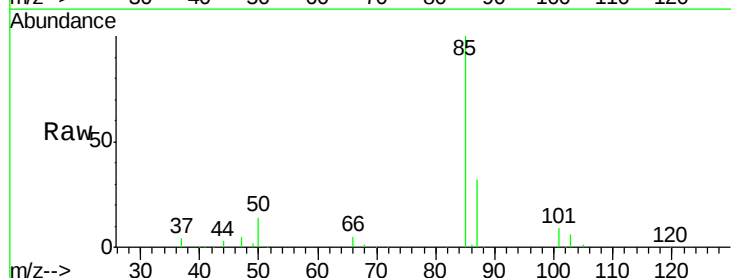
Acq: 30 Sep 2019 20:20

Tgt Ion: 85 Resp: 227506

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

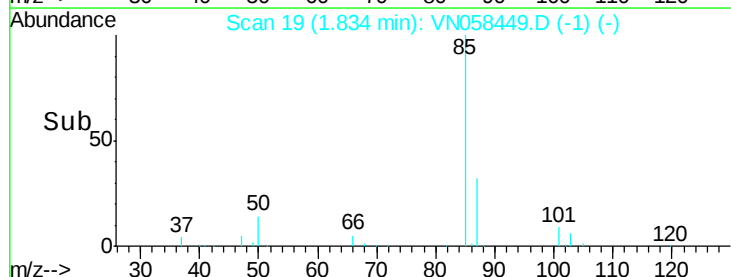
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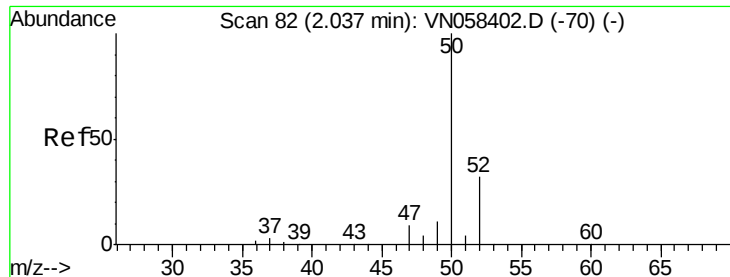
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 50.210 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

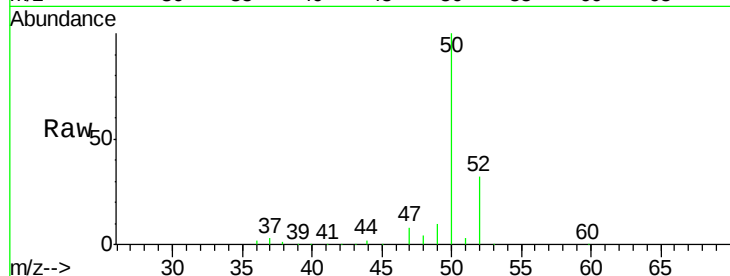
VSTDCCC050EC

Tot Ion: 50 Resp: 249925

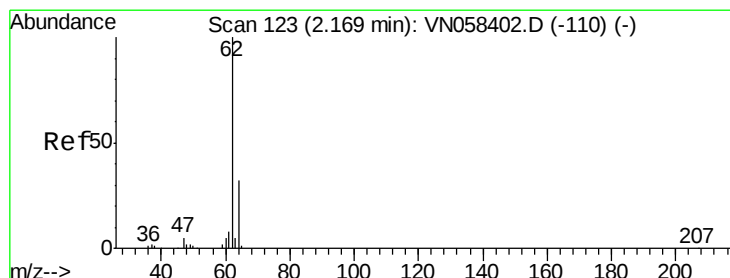
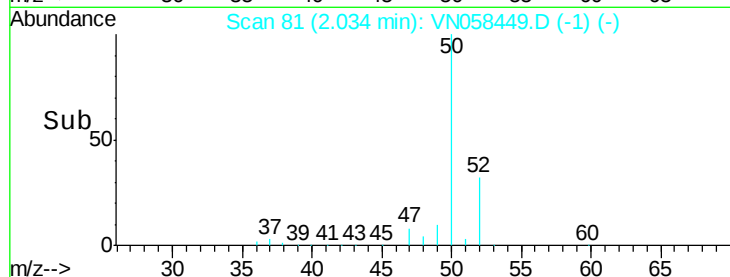
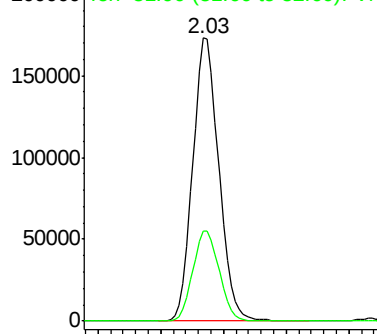
Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9



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



#4

Vinyl Chloride

Concen: 51.085 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058449.D

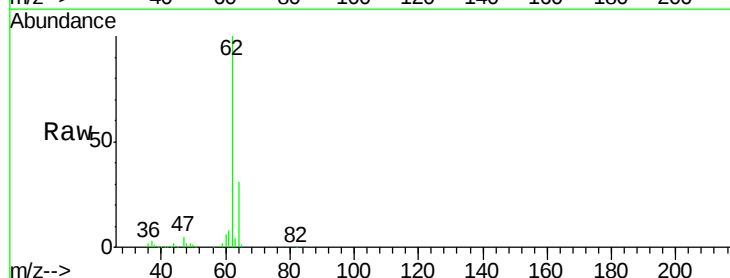
Acq: 30 Sep 2019 20:20

Tgt Ion: 62 Resp: 249095

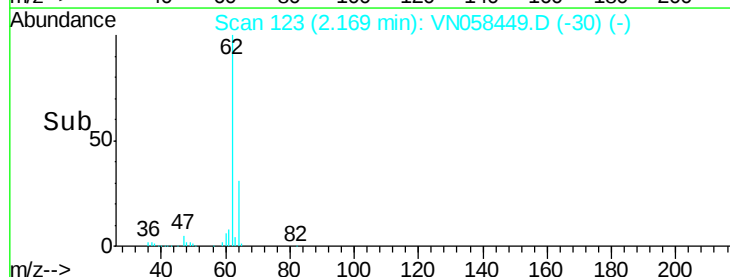
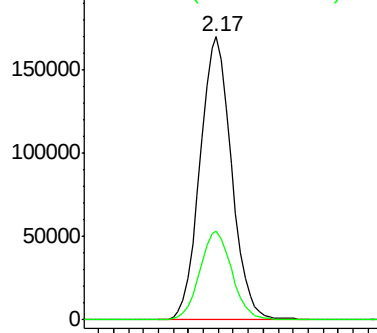
Ion Ratio Lower Upper

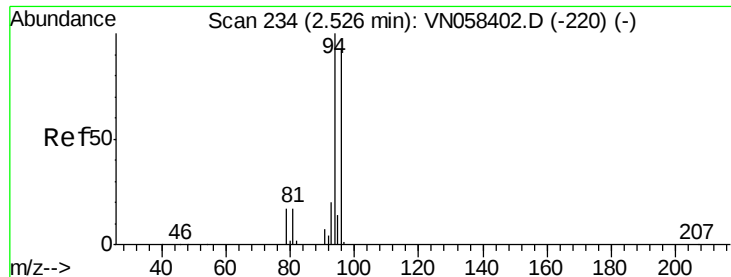
62 100

64 31.1 25.5 38.3



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





#5

Bromomethane

Concen: 50.945 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

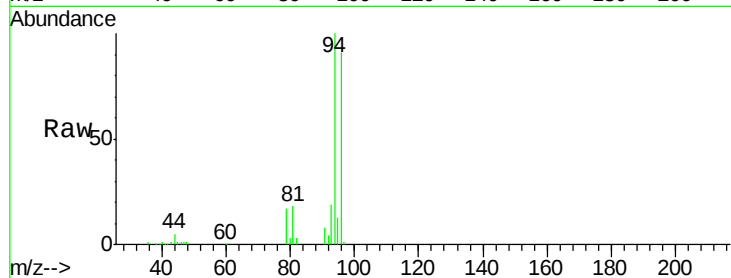
VSTDCCC050EC

Tot Ion: 94 Resp: 131948

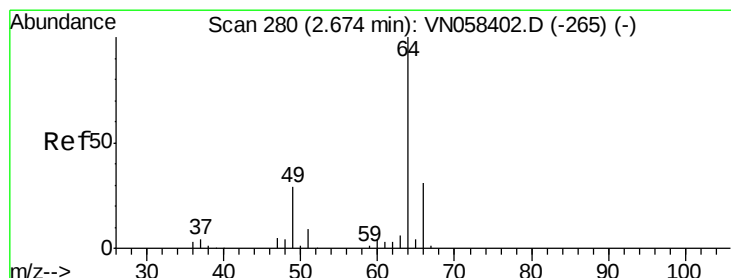
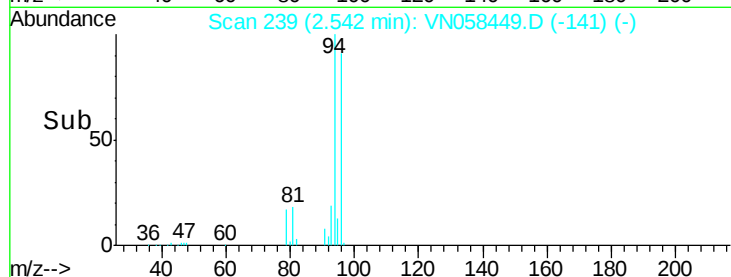
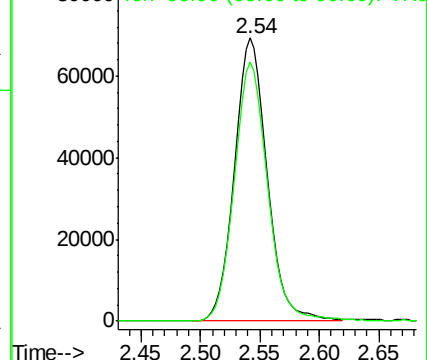
Ion Ratio Lower Upper

94 100

96 91.4 74.8 112.2



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



#6

Chloroethane

Concen: 50.980 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN058449.D

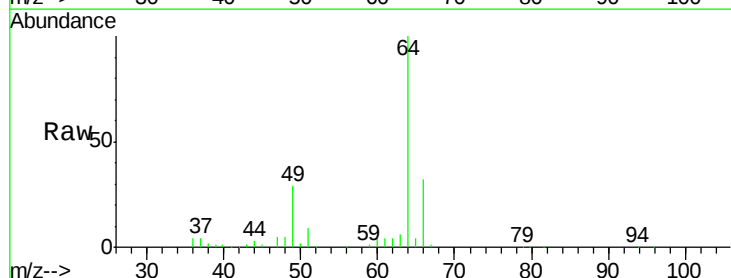
Acq: 30 Sep 2019 20:20

Tgt Ion: 64 Resp: 148945

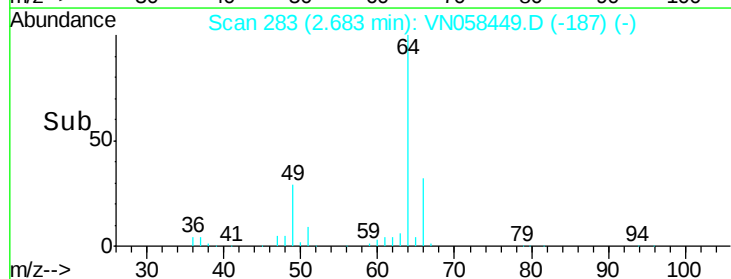
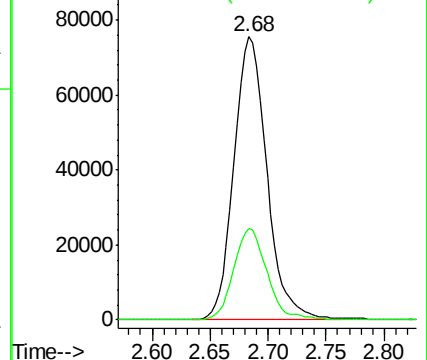
Ion Ratio Lower Upper

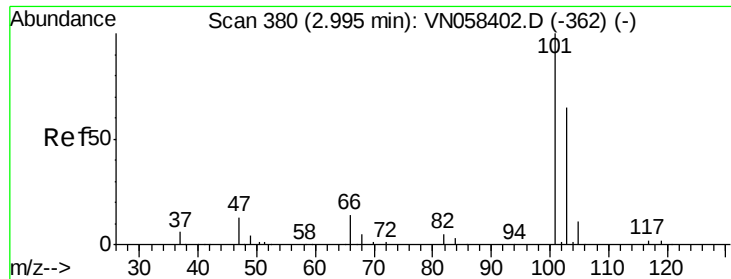
64 100

66 32.3 24.4 36.6



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



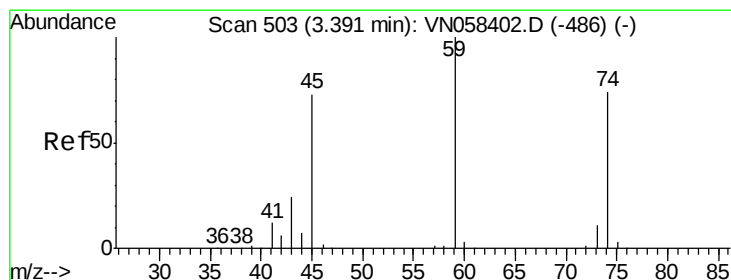
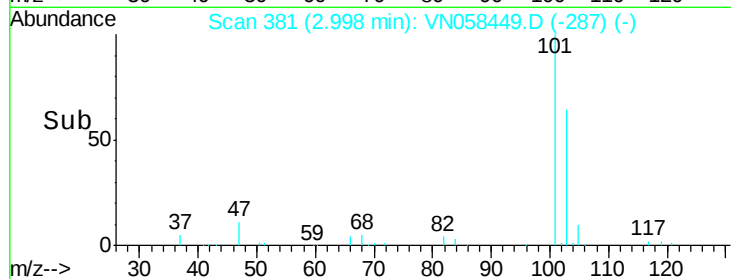
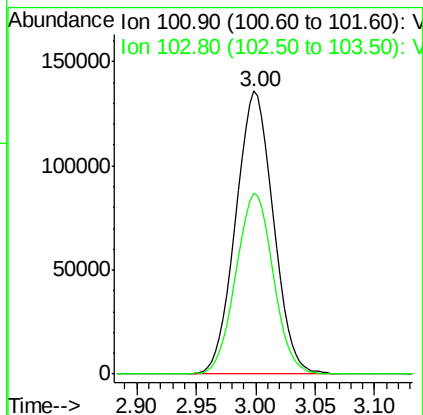
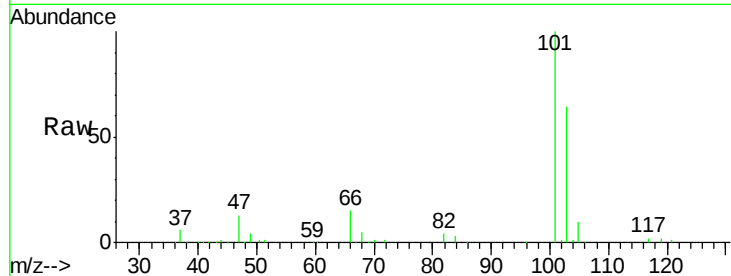


#7

Trichlorofluoromethane  
 Concen: 50.725 ug/l  
 RT: 3.00 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

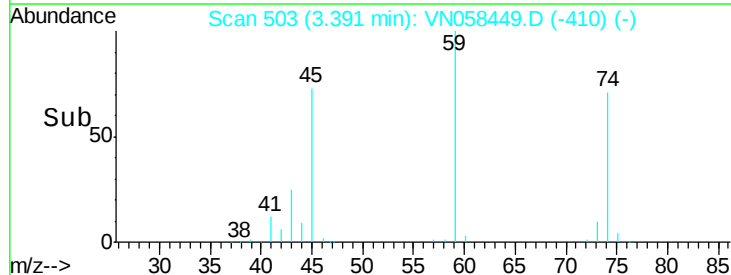
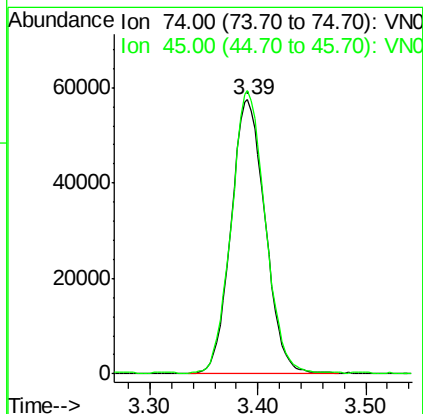
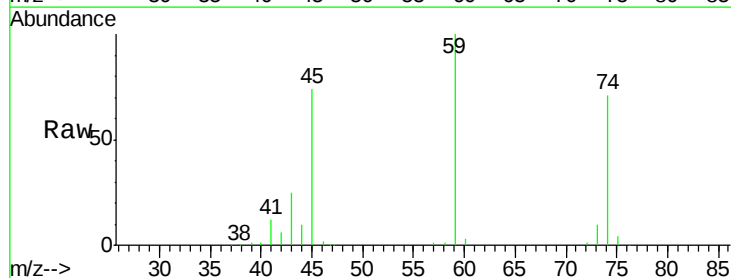
Tot Ion:101 Resp: 298479  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 52.3 78.5

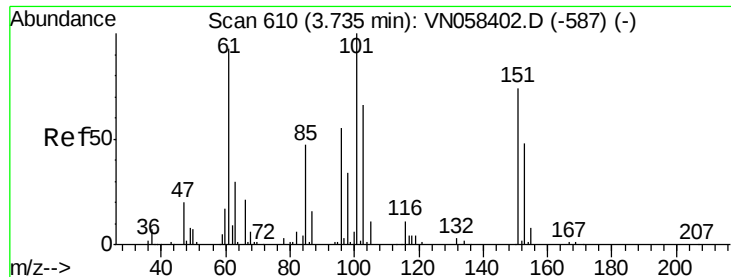


#8

Diethyl Ether  
 Concen: 49.968 ug/l  
 RT: 3.39 min Scan# 503  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Tgt Ion: 74 Resp: 126861  
 Ion Ratio Lower Upper  
 74 100  
 45 101.9 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.266 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

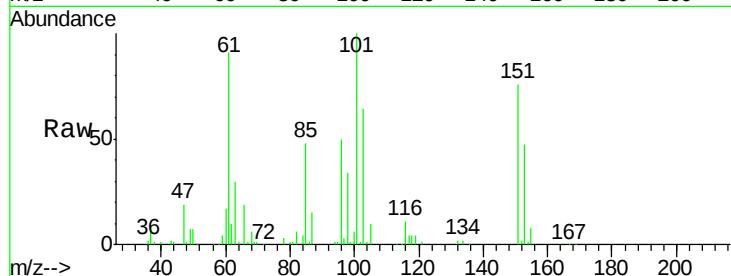
Tot Ion:101 Resp: 200874

Ion Ratio Lower Upper

101 100

85 47.8 36.7 55.1

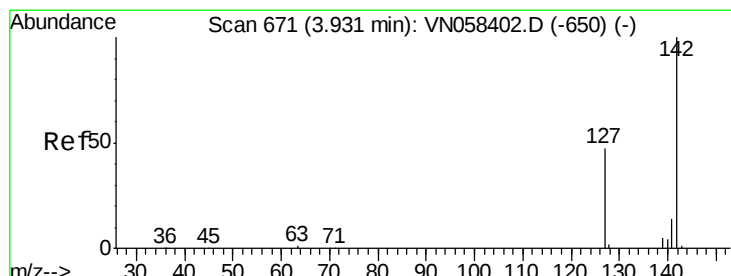
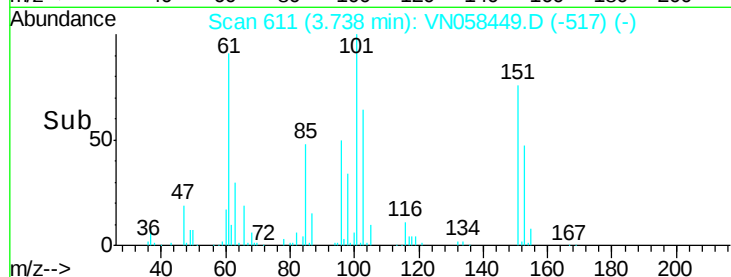
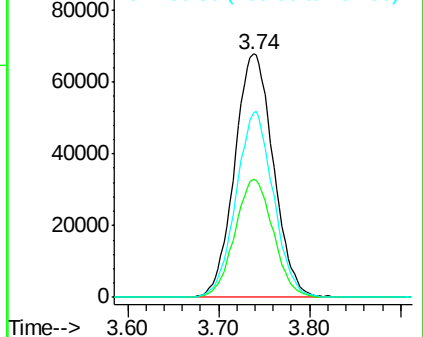
151 73.6 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.419 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

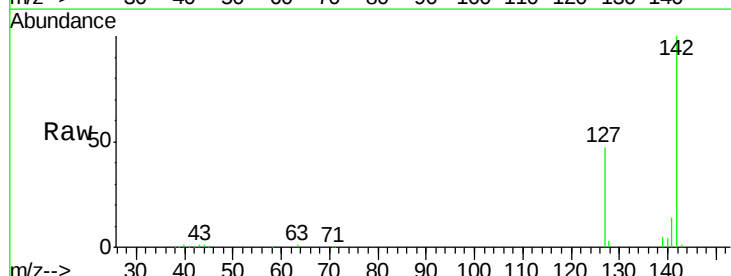
Tgt Ion:142 Resp: 223413

Ion Ratio Lower Upper

142 100

127 47.4 37.2 55.8

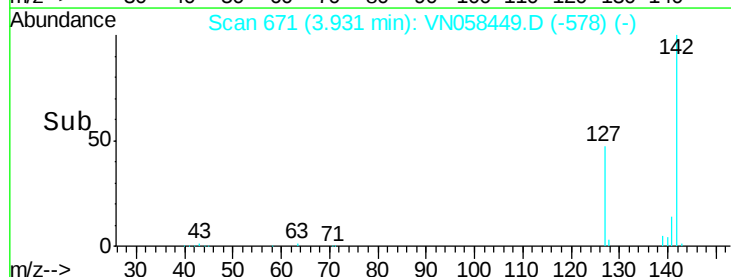
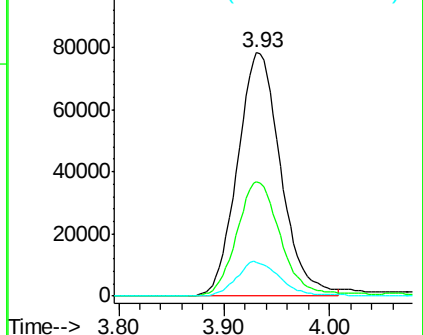
141 14.2 11.3 16.9

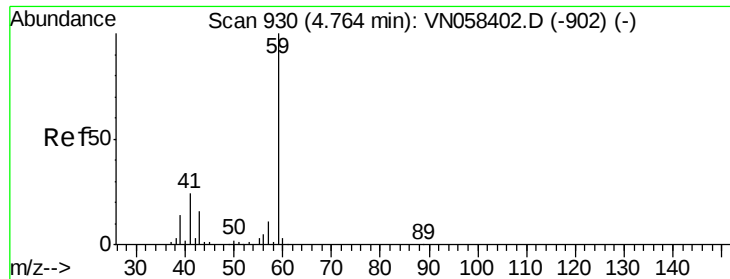


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



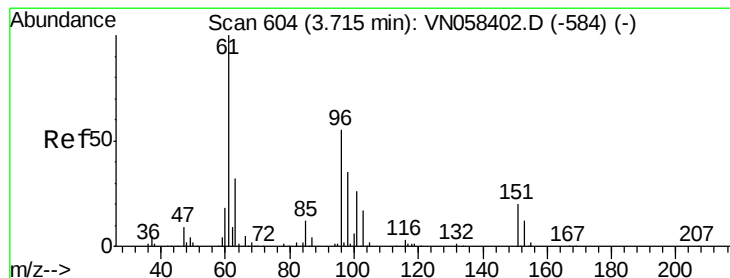
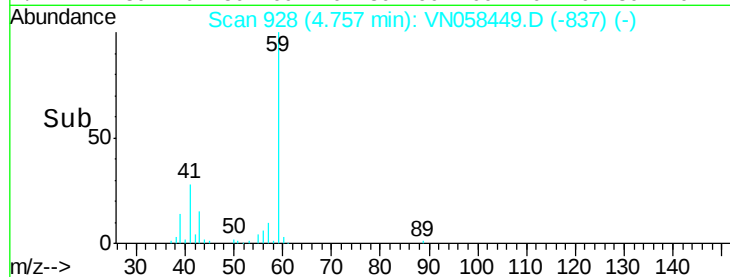
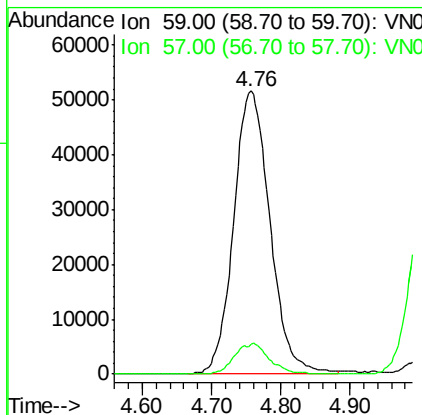
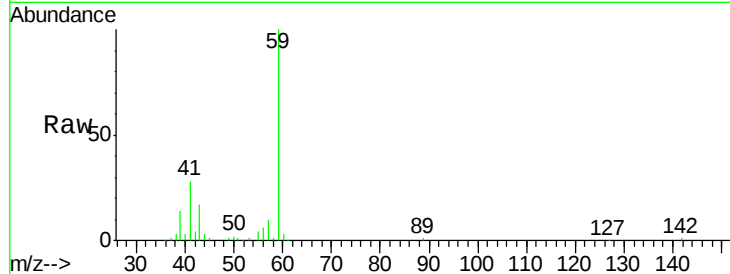


#11

Tert butyl alcohol  
 Concen: 281.324 ug/l  
 RT: 4.76 min Scan# 928  
 Delta R.T. -0.01 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

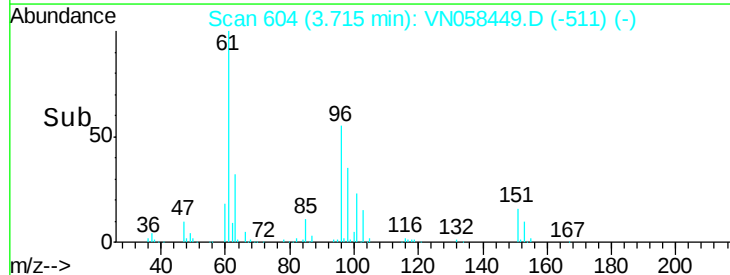
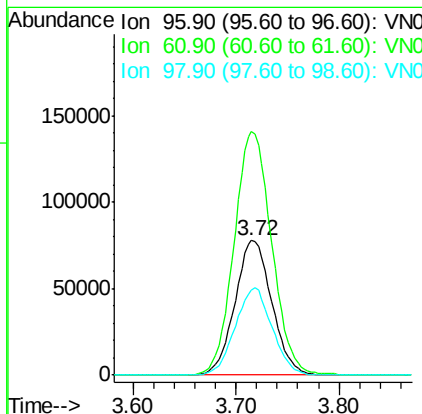
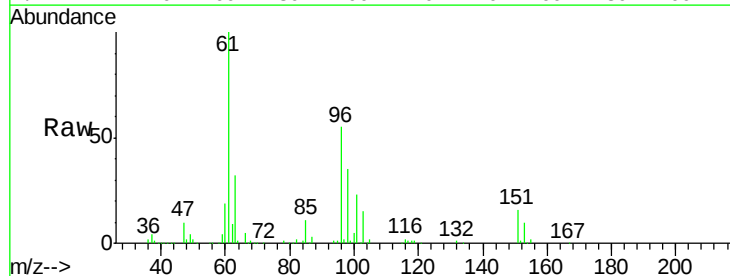
Tot Ion: 59 Resp: 188583  
 Ion Ratio Lower Upper  
 59 100  
 57 4.7 9.0 13.4#

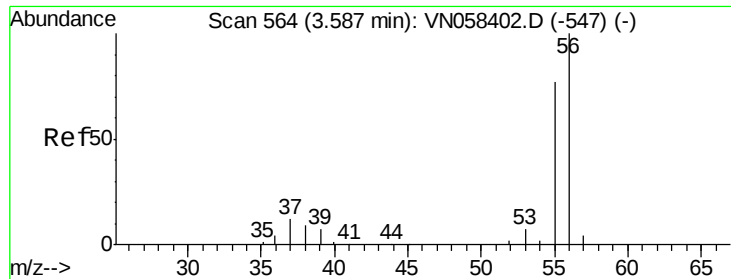


#12

1,1-Dichloroethene  
 Concen: 49.770 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Tgt Ion: 96 Resp: 193867  
 Ion Ratio Lower Upper  
 96 100  
 61 181.1 146.7 220.1  
 98 63.6 51.3 76.9

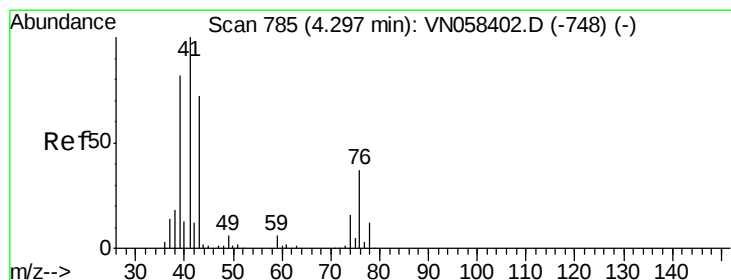
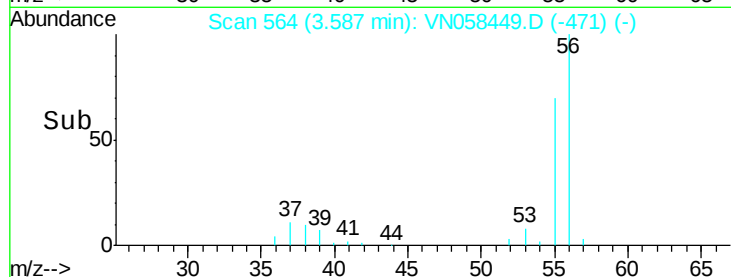
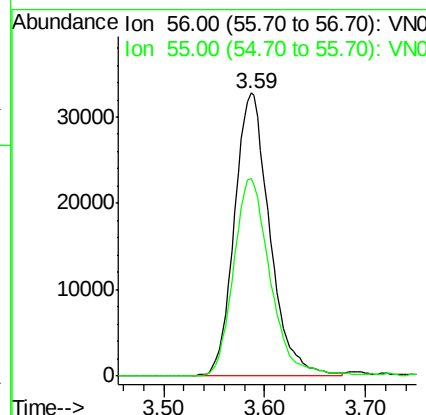
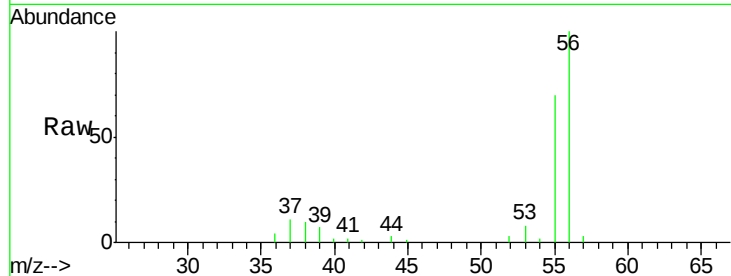




#13  
 Acrolein  
 Concen: 374.366 ug/l  
 RT: 3.59 min Scan# 564  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

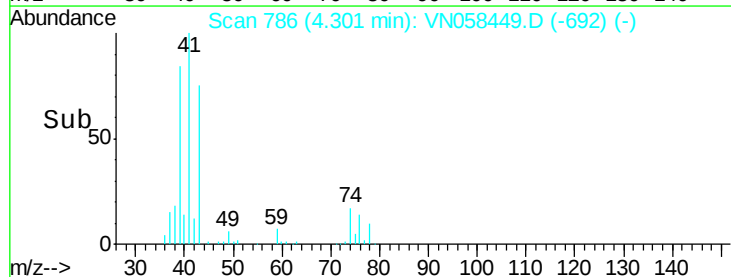
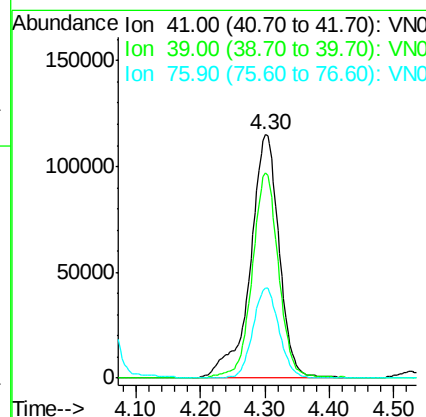
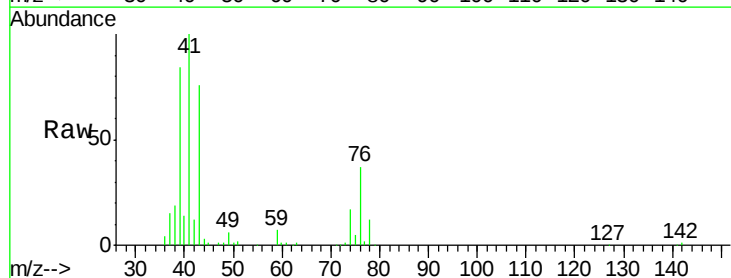
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

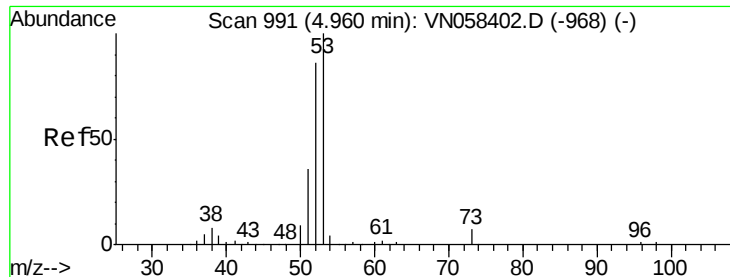
Tot Ion: 56 Resp: 79818  
 Ion Ratio Lower Upper  
 56 100  
 55 72.4 58.3 87.5



#14  
 Allyl chloride  
 Concen: 50.689 ug/l  
 RT: 4.30 min Scan# 786  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Tgt Ion: 41 Resp: 359320  
 Ion Ratio Lower Upper  
 41 100  
 39 76.8 62.3 93.5  
 76 33.1 26.9 40.3





#15

Acrylonitrile

Concen: 270.074 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

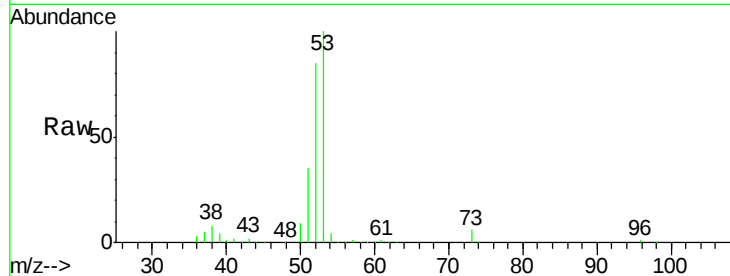
Tot Ion: 53 Resp: 527636

Ion Ratio Lower Upper

53 100

52 83.5 66.6 100.0

51 37.9 29.8 44.8

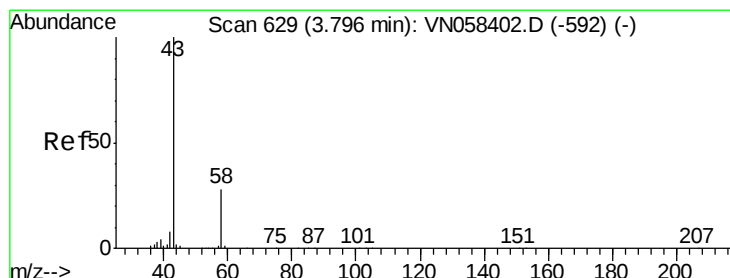
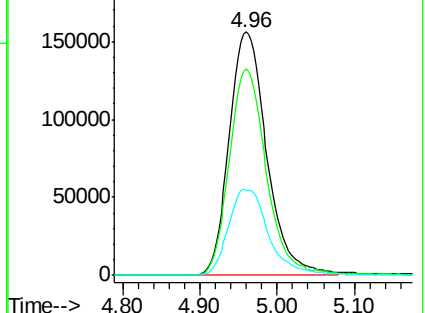
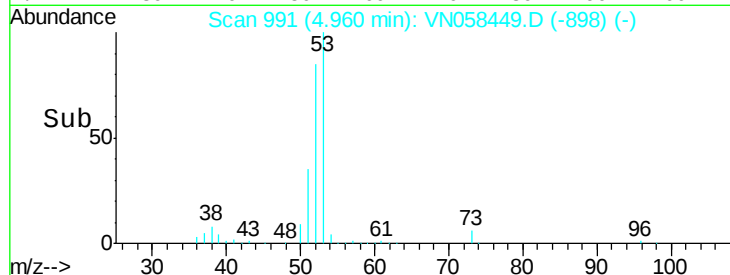


Abundance Ion 53.00 (52.70 to 53.70): VN058449.D (-536) (-)

Ion 52.00 (51.70 to 52.70): VN058449.D (-536) (-)

Ion 51.00 (50.70 to 51.70): VN058449.D (-536) (-)

Time-->



#16

Acetone

Concen: 223.973 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058449.D

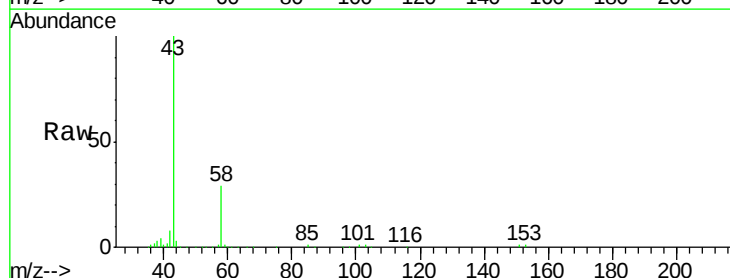
Acq: 30 Sep 2019 20:20

Tgt Ion: 43 Resp: 460707

Ion Ratio Lower Upper

43 100

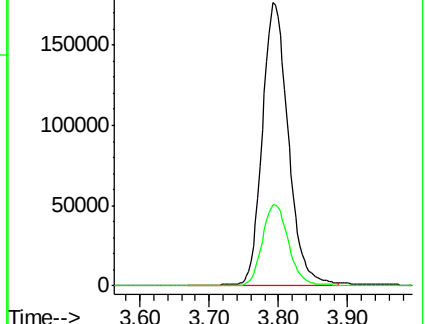
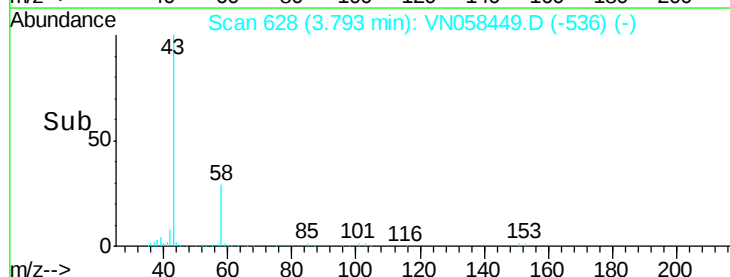
58 28.6 22.4 33.6

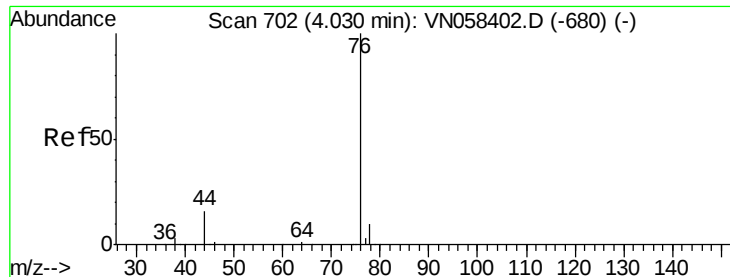


Abundance Ion 43.00 (42.70 to 43.70): VN058449.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058449.D (-536) (-)

Time-->

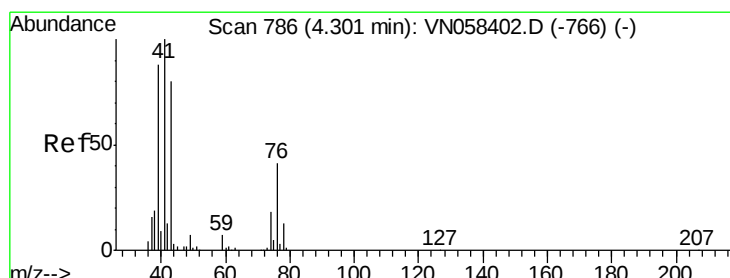
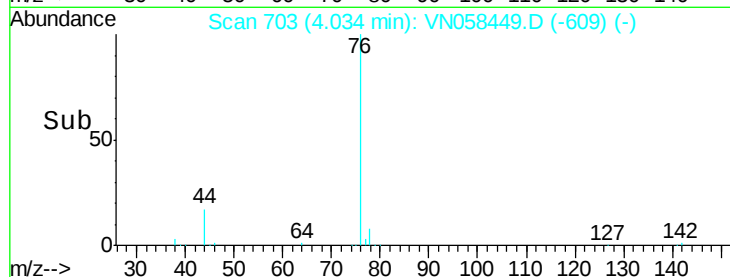
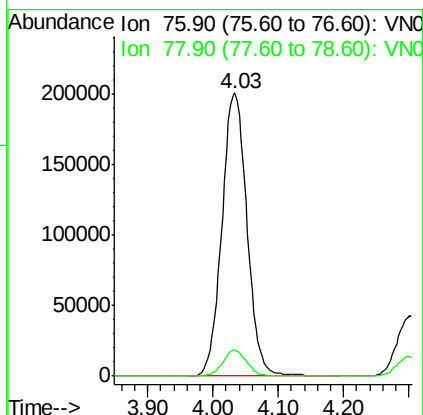
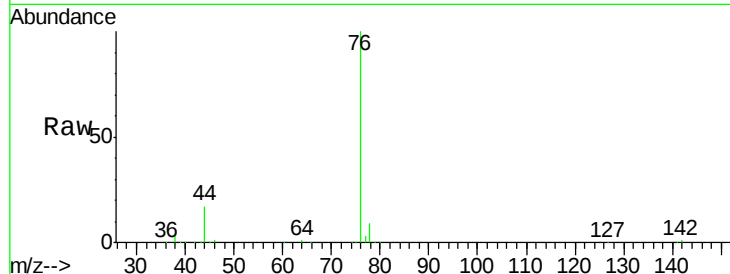




#17  
Carbon Disulfide  
Concen: 52.025 ug/l  
RT: 4.03 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

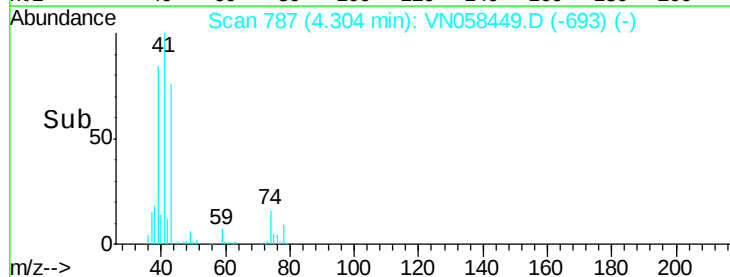
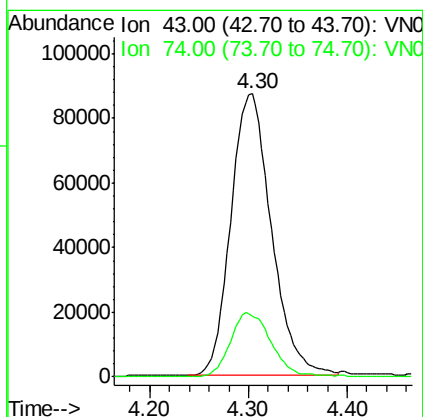
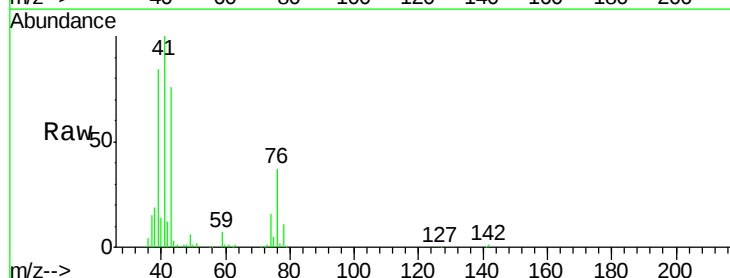
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

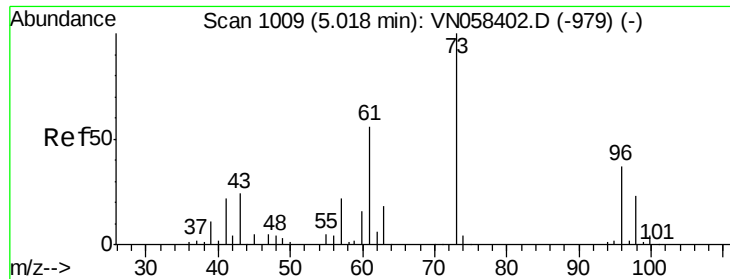
Tot Ion: 76 Resp: 534187  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.7 11.5



#18  
Methyl Acetate  
Concen: 48.324 ug/l  
RT: 4.30 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 43 Resp: 250007  
Ion Ratio Lower Upper  
43 100  
74 22.8 18.0 27.0

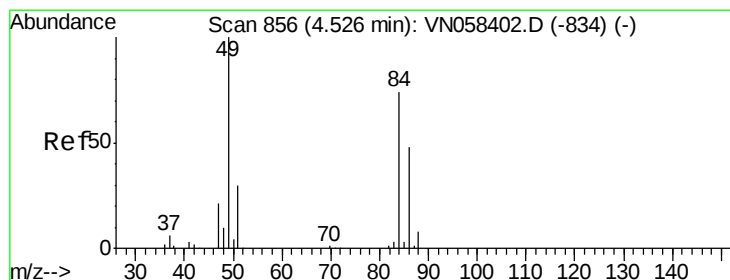
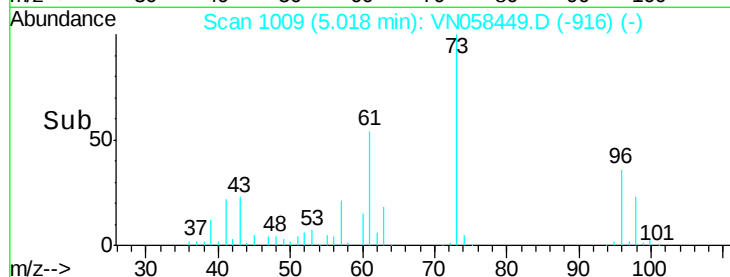
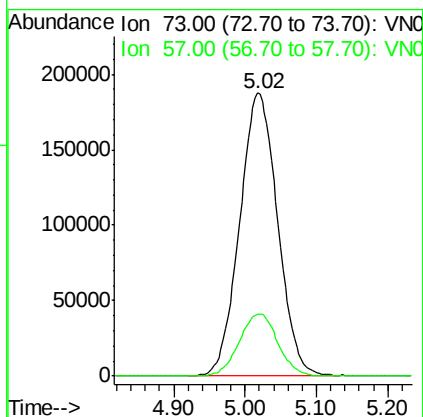
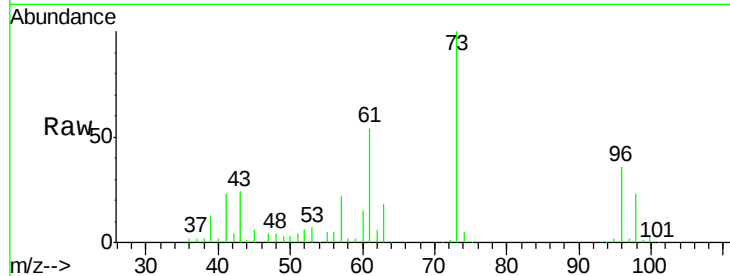




#19  
Methyl tert-butyl Ether  
Concen: 50.440 ug/l  
RT: 5.02 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

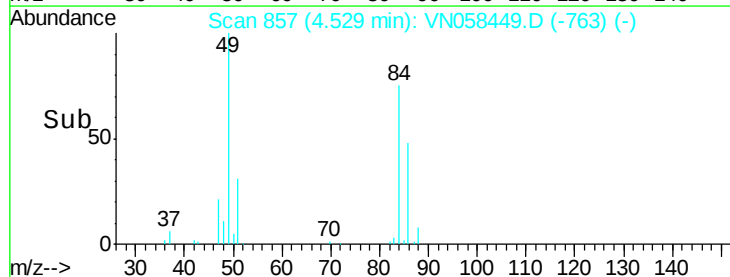
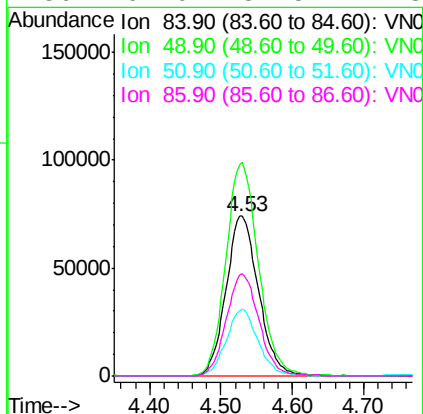
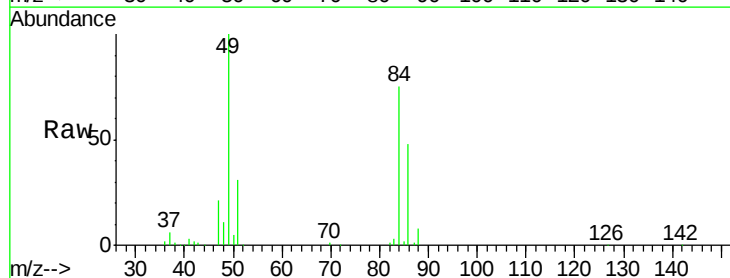
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

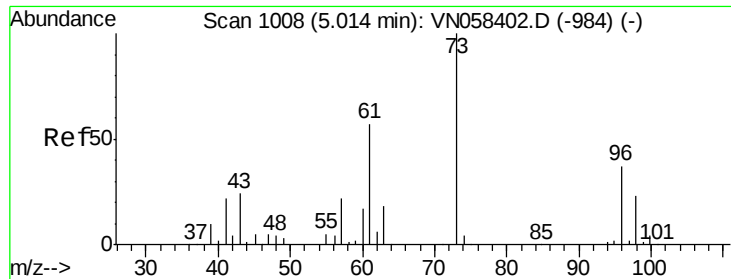
Tot Ion: 73 Resp: 693239  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.6 26.4



#20  
Methylene Chloride  
Concen: 49.600 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 84 Resp: 235447  
Ion Ratio Lower Upper  
84 100  
49 133.5 107.9 161.9  
51 41.5 32.8 49.2  
86 64.0 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 50.417 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

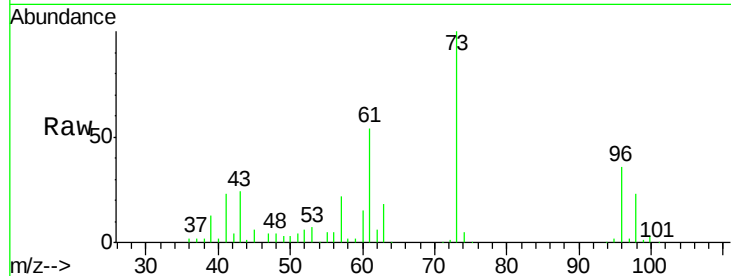
Tot Ion: 96 Resp: 218384

Ion Ratio Lower Upper

96 100

61 148.9 121.9 182.9

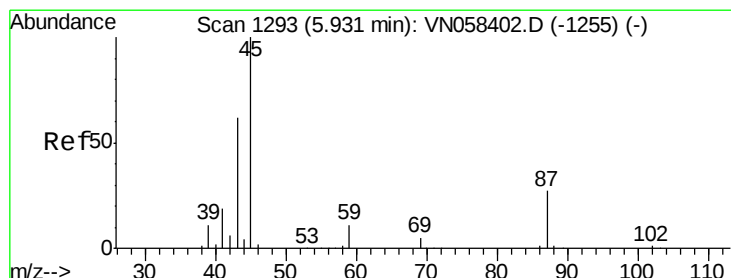
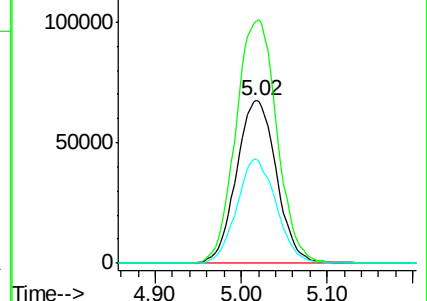
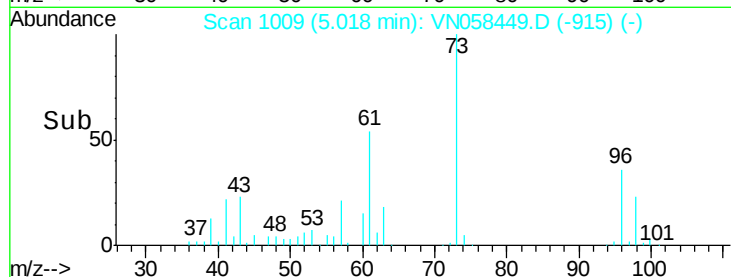
98 64.3 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN058449.D (-915) (-)

Ion 60.90 (60.60 to 61.60): VN058449.D (-915) (-)

Ion 97.90 (97.60 to 98.60): VN058449.D (-915) (-)



#22

Diisopropyl ether

Concen: 51.814 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Tgt Ion: 45 Resp: 790387

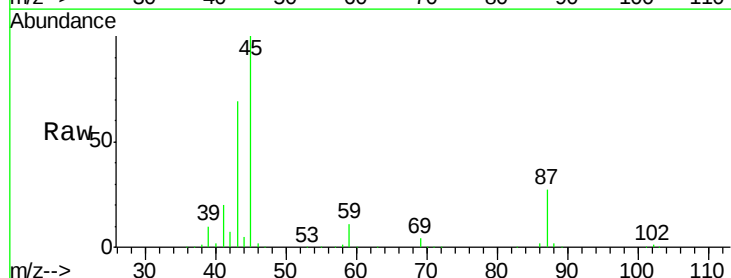
Ion Ratio Lower Upper

45 100

43 66.8 49.7 74.5

87 26.6 21.5 32.3

59 11.0 8.9 13.3

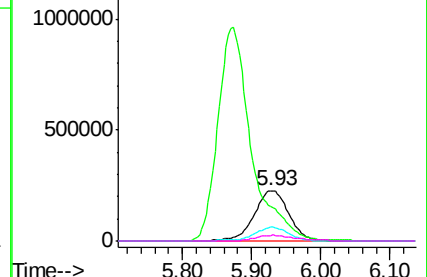
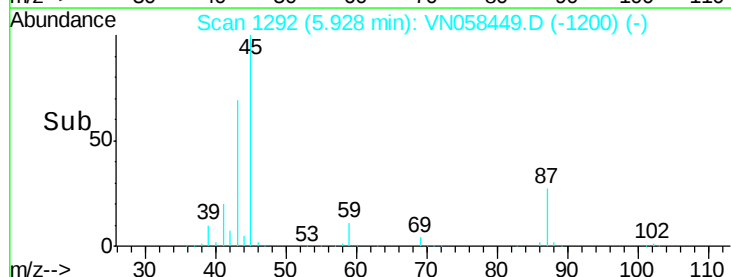


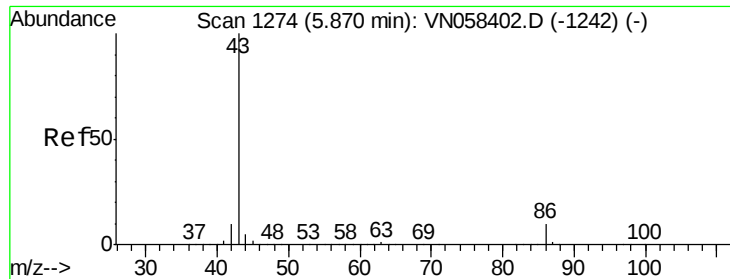
Abundance Ion 45.00 (44.70 to 45.70): VN058449.D (-1200) (-)

Ion 43.00 (42.70 to 43.70): VN058449.D (-1200) (-)

Ion 87.00 (86.70 to 87.70): VN058449.D (-1200) (-)

Ion 59.00 (58.70 to 59.70): VN058449.D (-1200) (-)





#23

Vinyl Acetate

Concen: 281.635 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

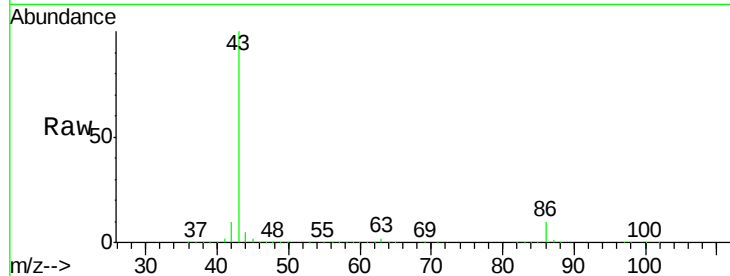
VSTDCCC050EC

Tot Ion: 43 Resp: 3239367

Ion Ratio Lower Upper

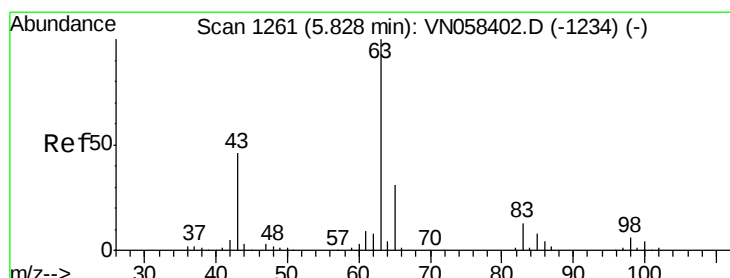
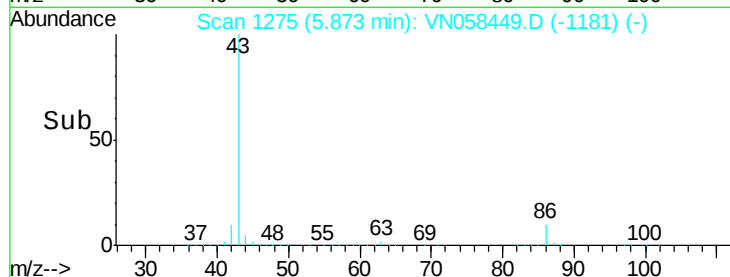
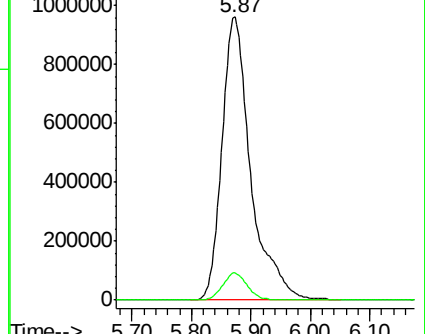
43 100

86 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.909 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

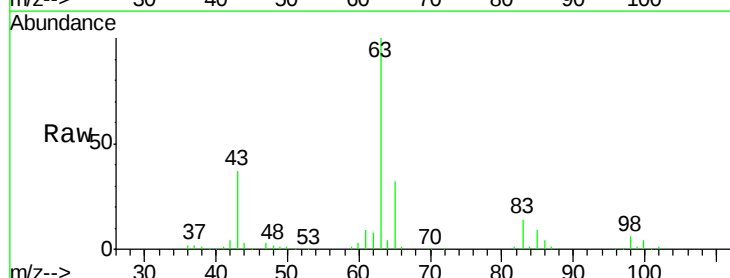
Tgt Ion: 63 Resp: 445642

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

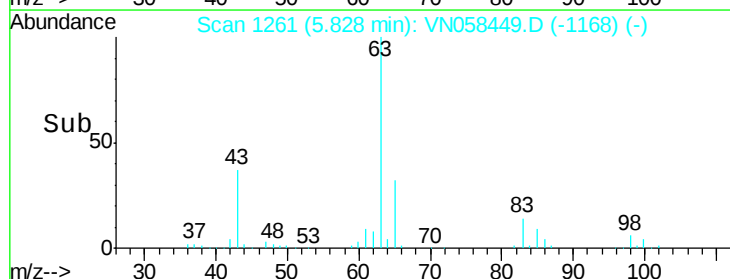
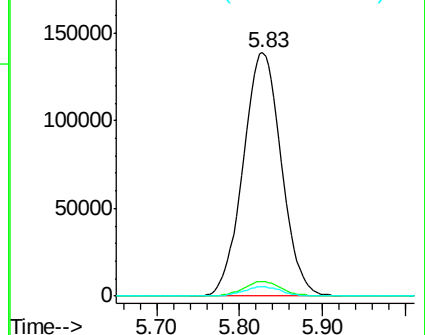
100 3.9 2.0 5.8

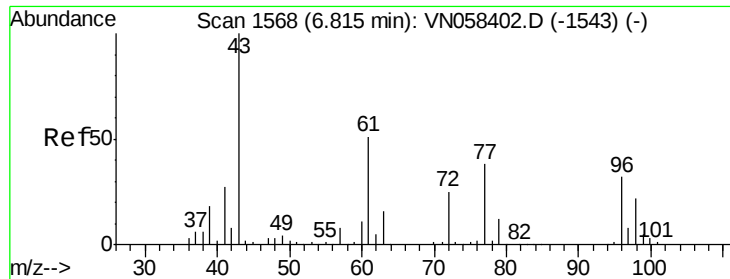


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 259.104 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

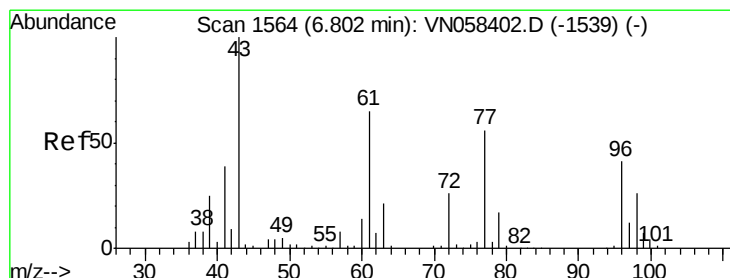
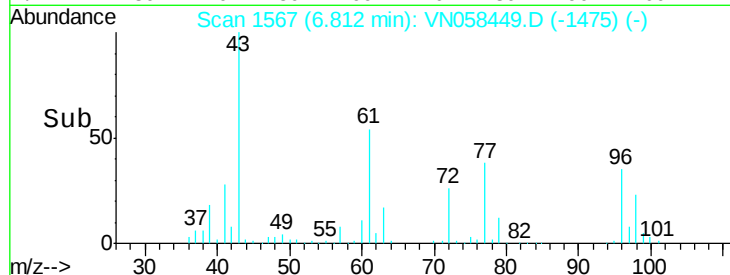
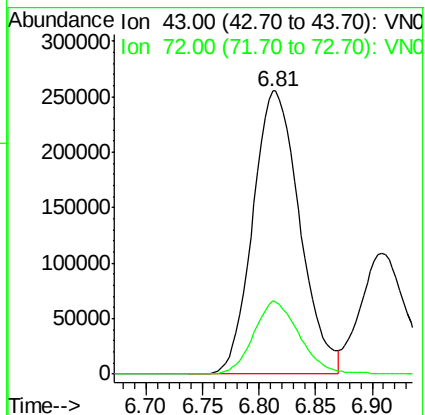
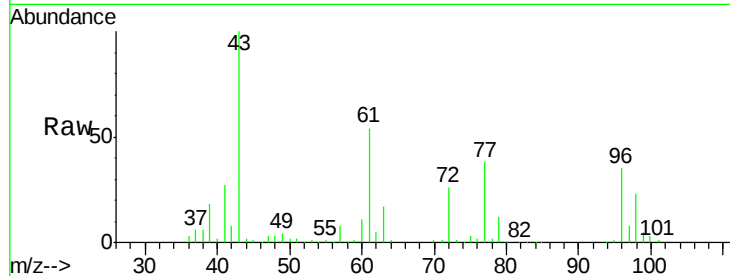
VSTDCCC050EC

Tot Ion: 43 Resp: 731751

Ion Ratio Lower Upper

43 100

72 25.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 46.602 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058449.D

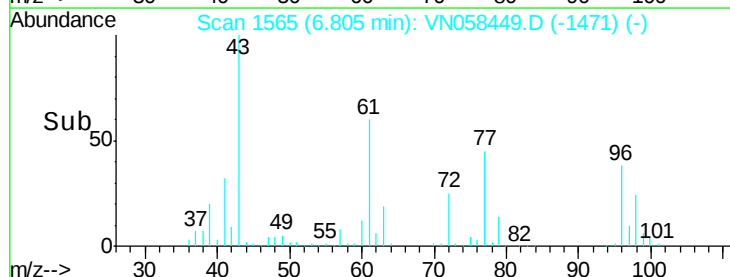
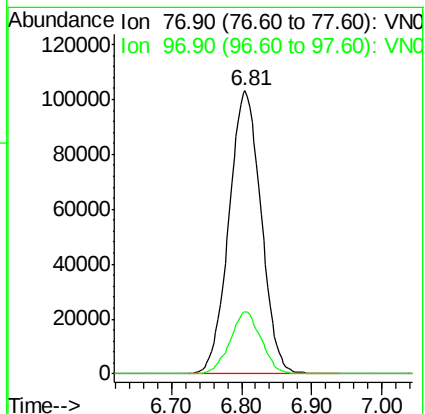
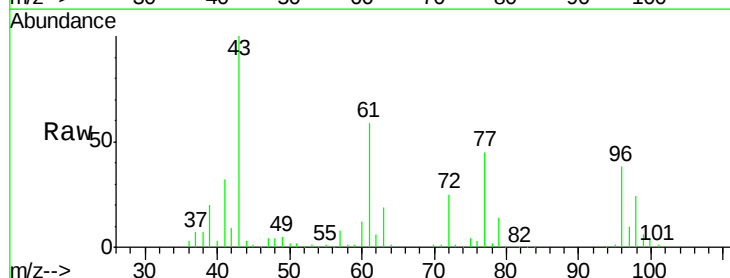
Acq: 30 Sep 2019 20:20

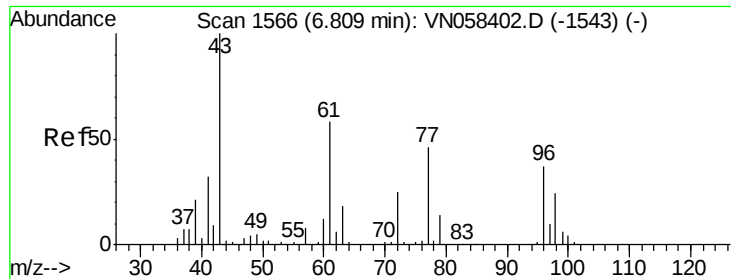
Tgt Ion: 77 Resp: 328912

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 51.463 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

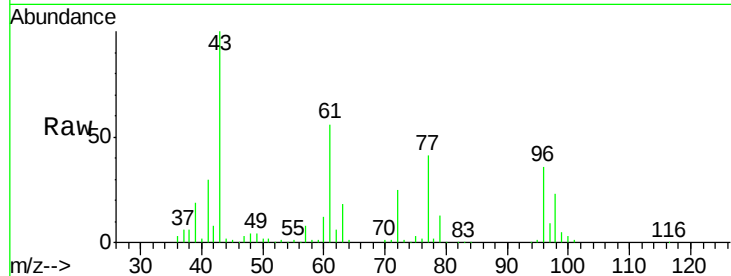
Tot Ion: 96 Resp: 260538

Ion Ratio Lower Upper

96 100

61 156.3 0.0 318.8

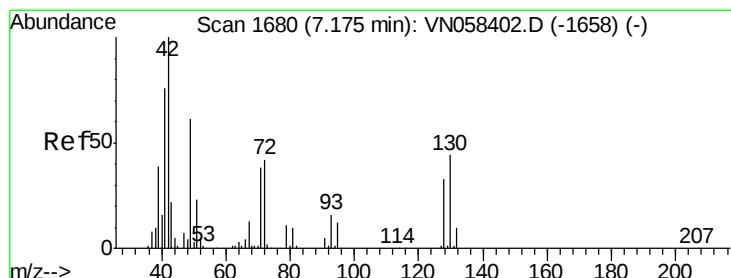
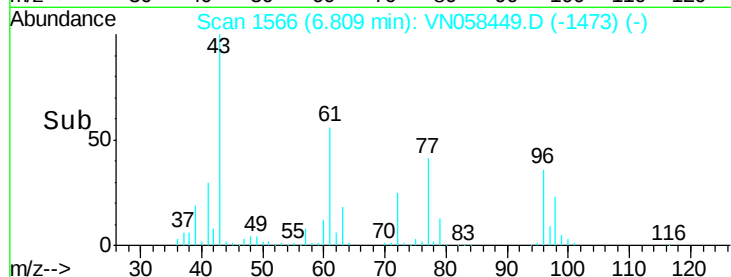
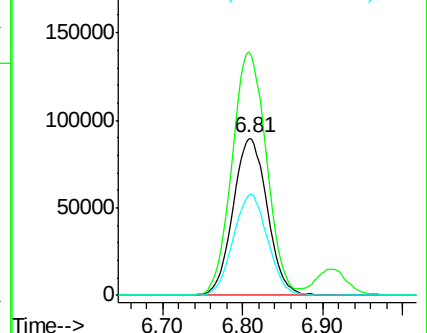
98 64.8 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 52.862 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

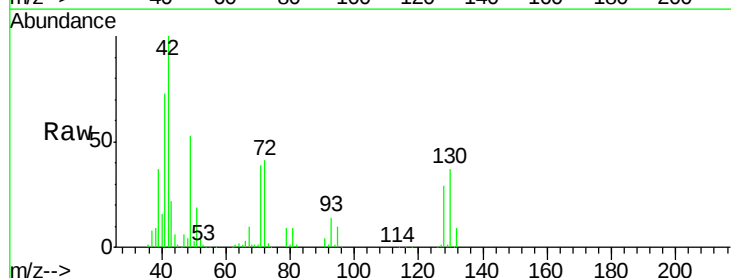
Tgt Ion: 49 Resp: 181406

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

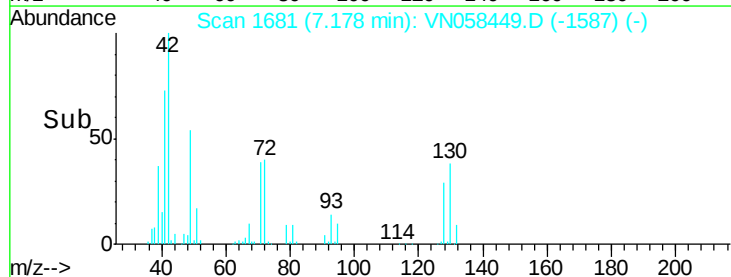
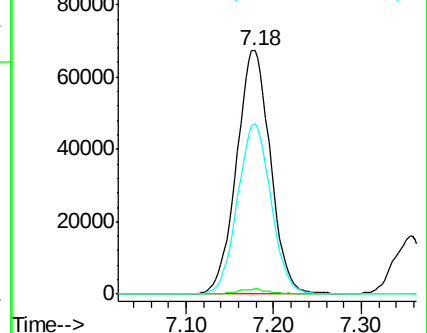
130 69.0 56.3 84.5

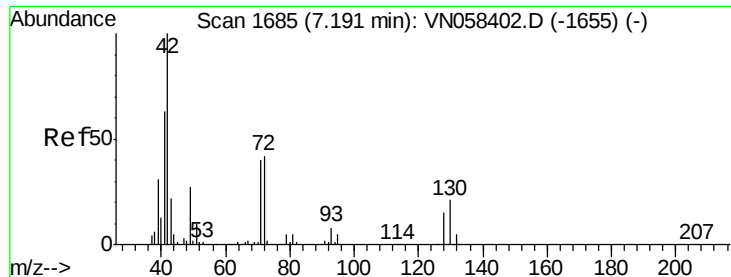


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

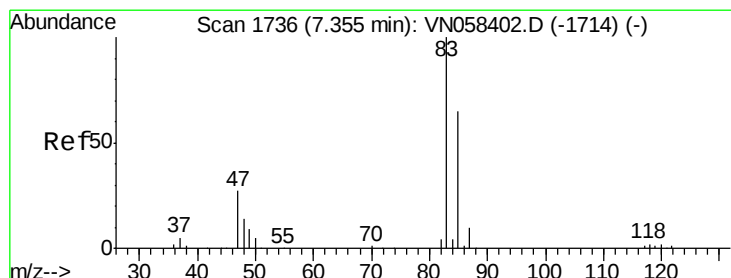
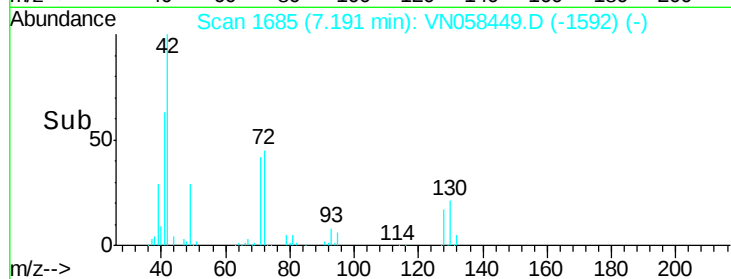
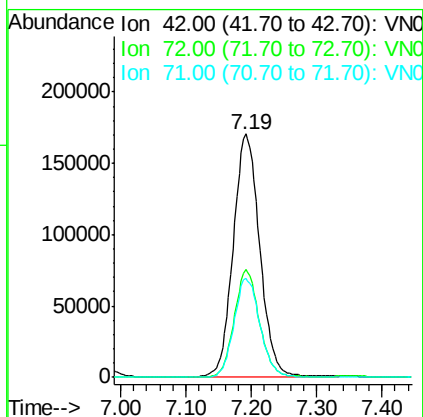
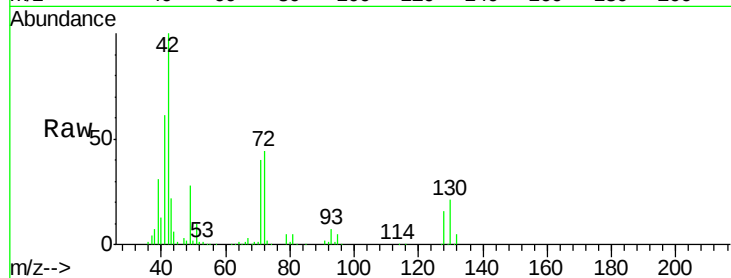




#29  
Tetrahydrofuran  
Concen: 268.515 ug/l  
RT: 7.19 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

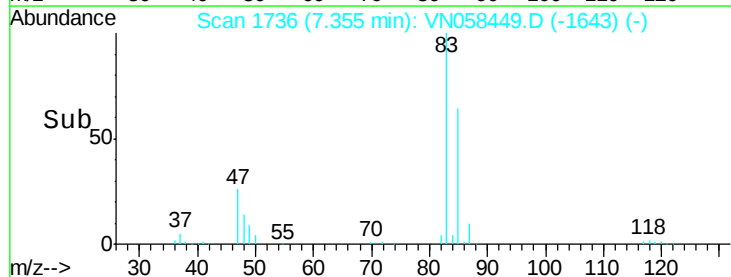
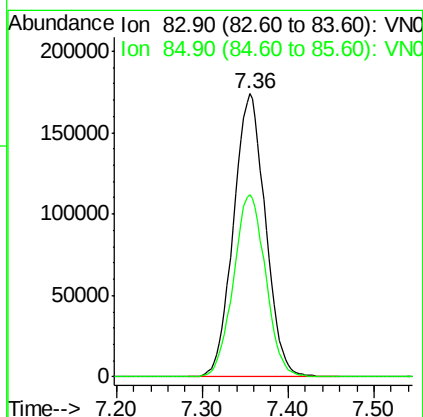
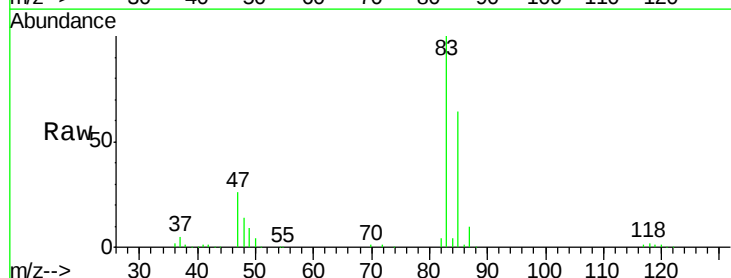
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

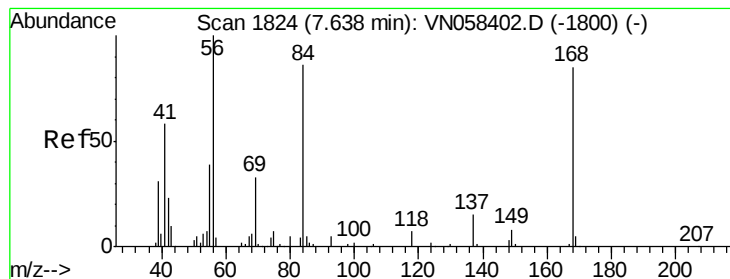
Tot Ion: 42 Resp: 481304  
Ion Ratio Lower Upper  
42 100  
72 41.8 33.7 50.5  
71 39.8 31.8 47.6



#30  
Chloroform  
Concen: 51.437 ug/l  
RT: 7.36 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 83 Resp: 447480  
Ion Ratio Lower Upper  
83 100  
85 64.4 52.0 78.0





#31

Cyclohexane

Concen: 49.130 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

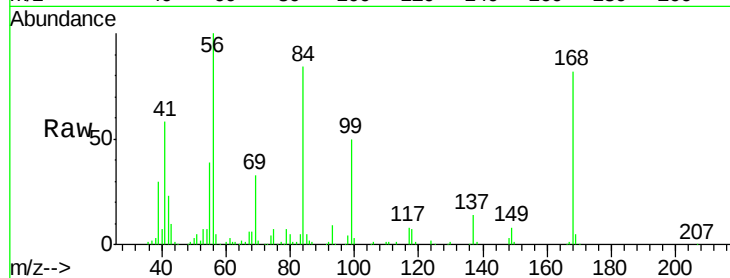
Tot Ion: 56 Resp: 410282

Ion Ratio Lower Upper

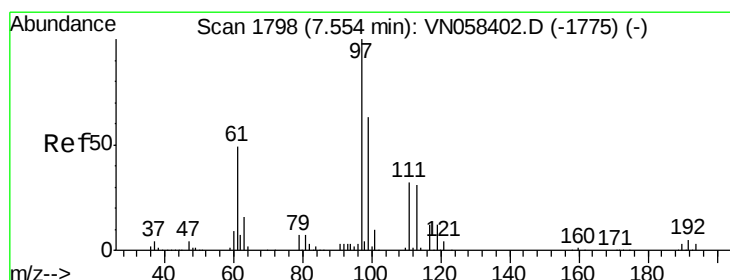
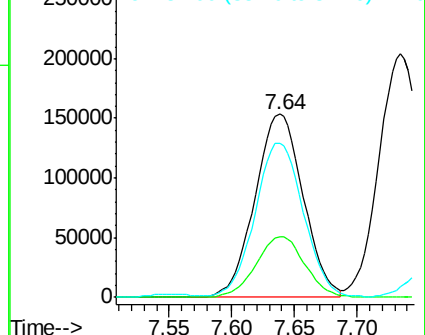
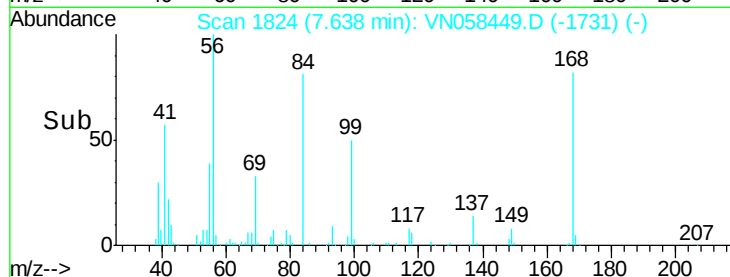
56 100

69 33.0 26.2 39.4

84 83.1 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VN058449.D (-1731) (-)



#32

1,1,1-Trichloroethane

Concen: 52.735 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

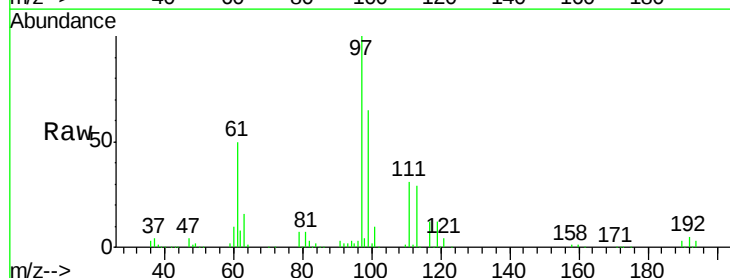
Tgt Ion: 97 Resp: 376737

Ion Ratio Lower Upper

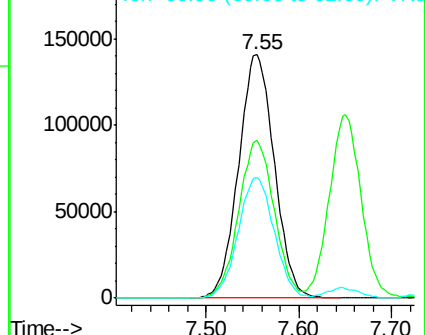
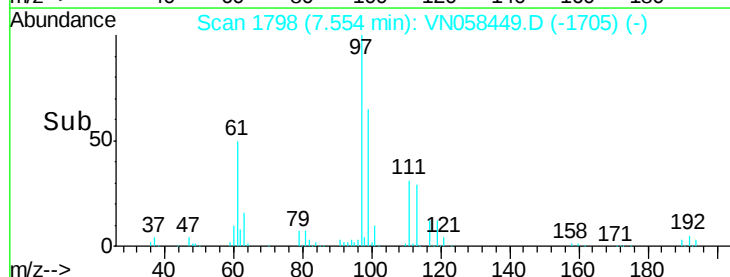
97 100

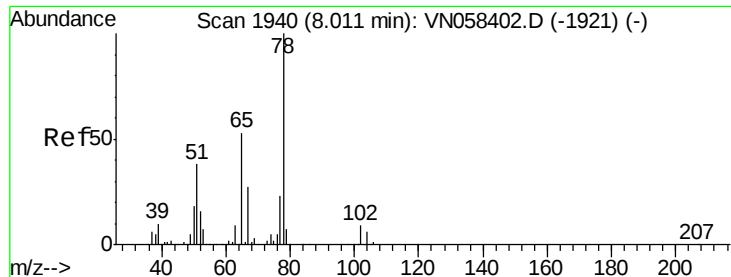
99 64.7 51.1 76.7

61 49.9 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN058449.D (-1705) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.772 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

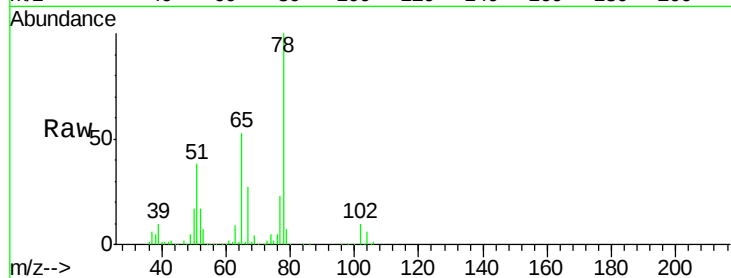
VSTDCCC050EC

Tot Ion: 65 Resp: 306366

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058449.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058449.D (-1847) (-)

8.01

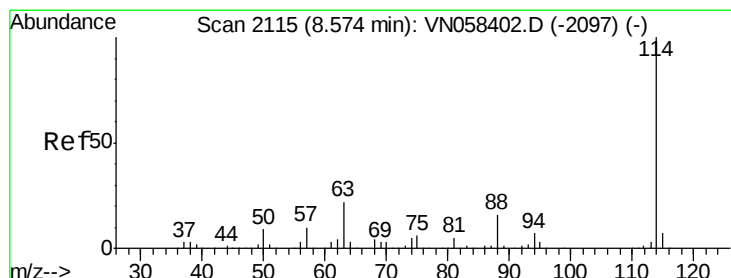
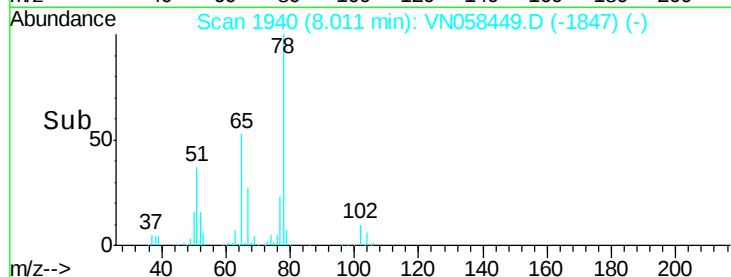
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

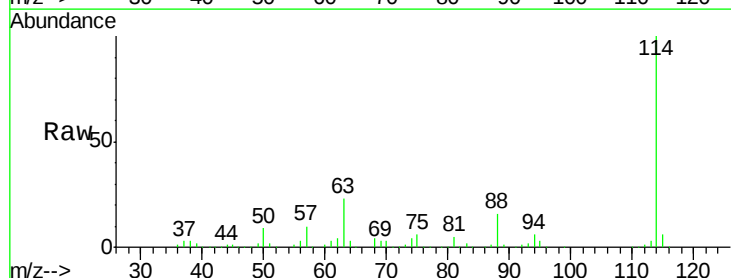
Tgt Ion: 114 Resp: 708808

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 15.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058449.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058449.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058449.D (-2022) (-)

8.57

400000

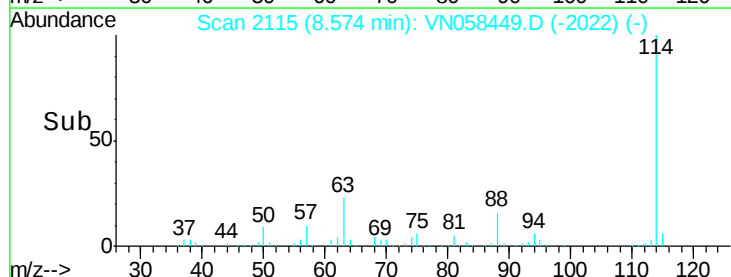
300000

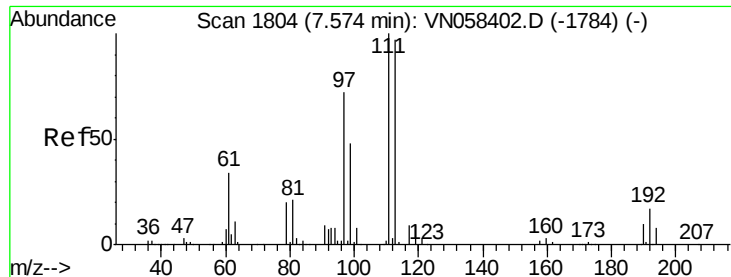
200000

100000

0

Time--> 8.50 8.55 8.60 8.65 8.70

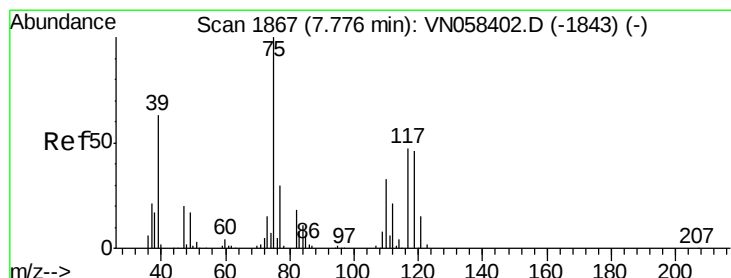
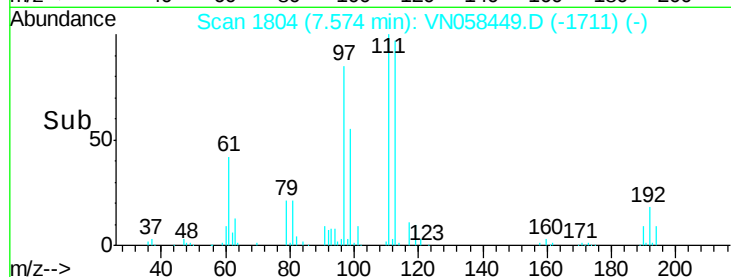
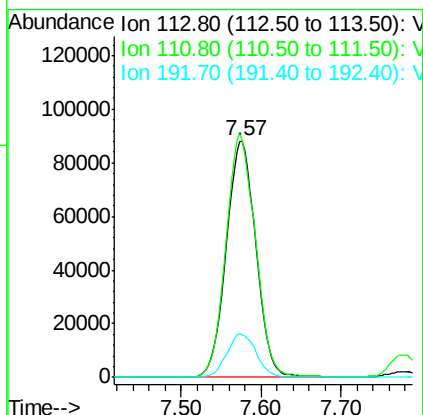
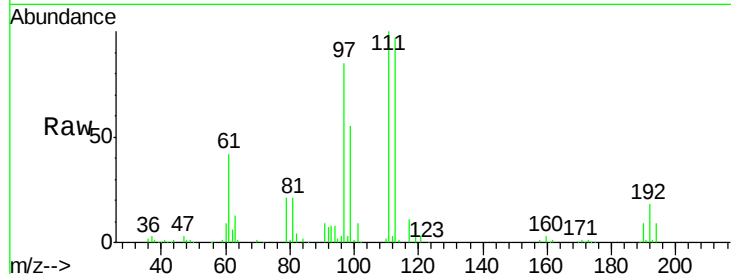




#35  
 Dibromofluoromethane  
 Concen: 51.138 ug/l  
 RT: 7.57 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

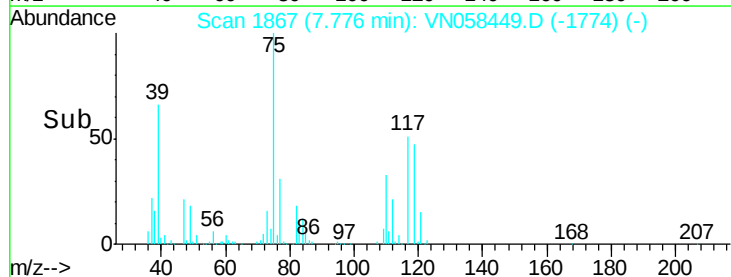
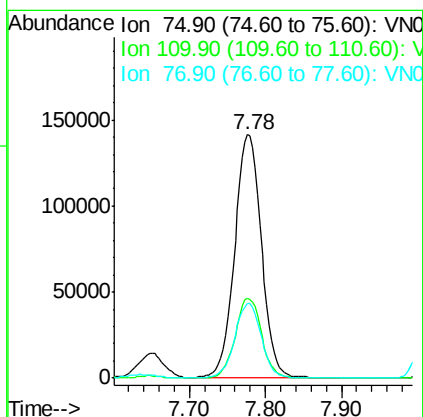
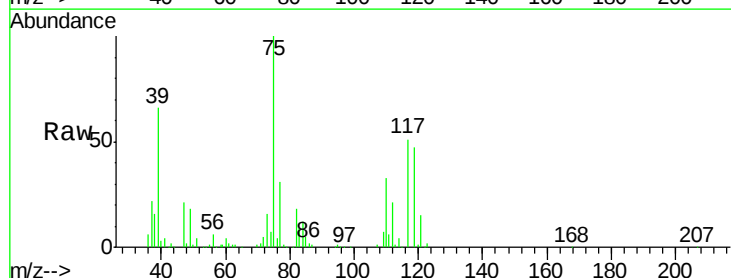
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

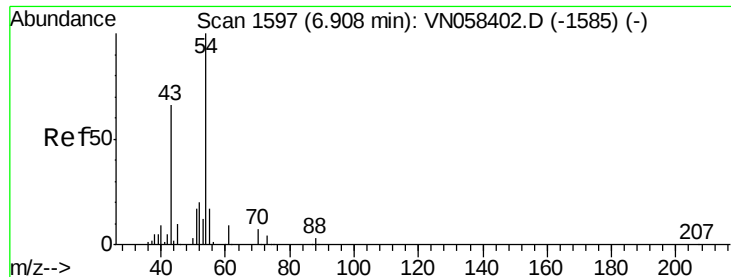
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.9 | 83.4  | 125.2 |
| 192     | 18.3  | 14.9  | 22.3  |



#36  
 1,1-Dichloropropene  
 Concen: 50.805 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.5  | 16.4  | 49.2  |
| 77      | 30.7  | 24.3  | 36.5  |

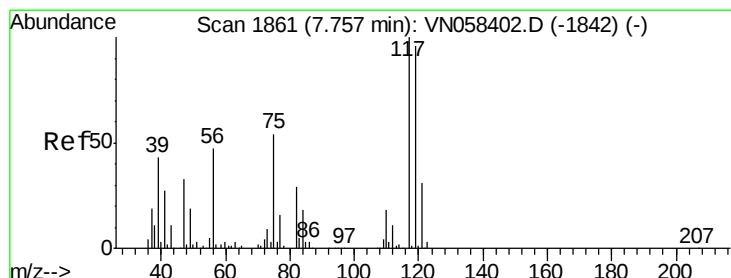
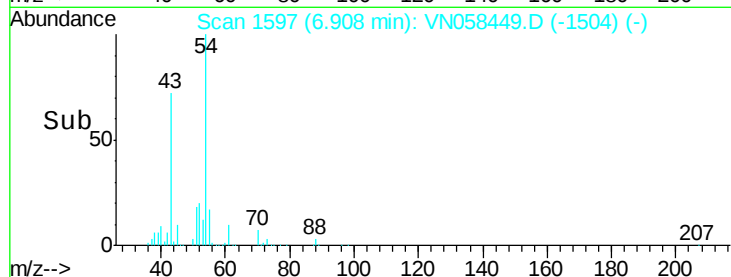
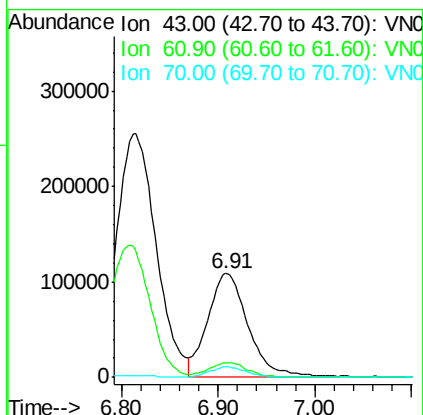
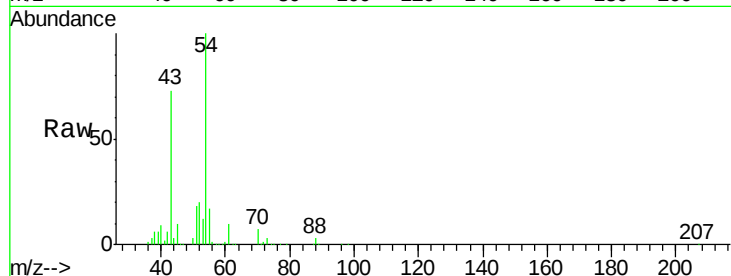




#37  
Ethyl Acetate  
Concen: 53.963 ug/l  
RT: 6.91 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

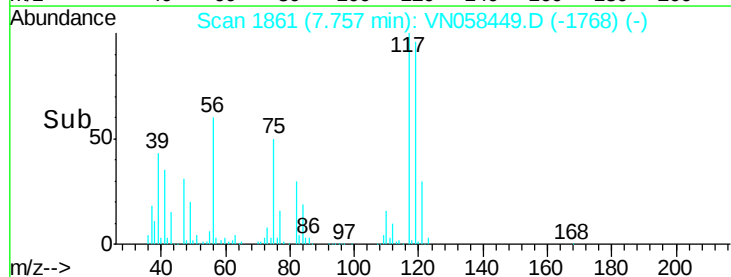
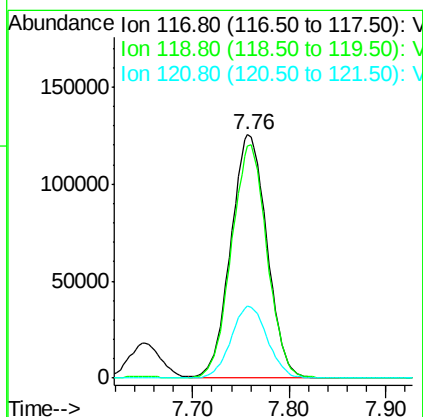
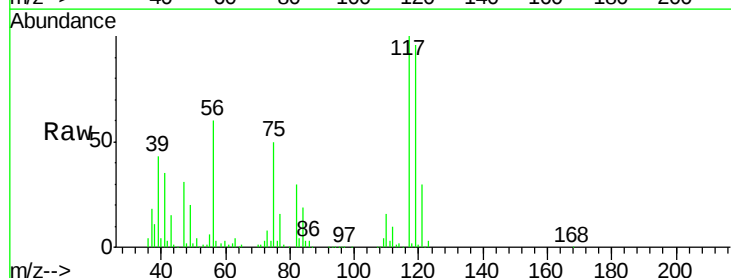
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

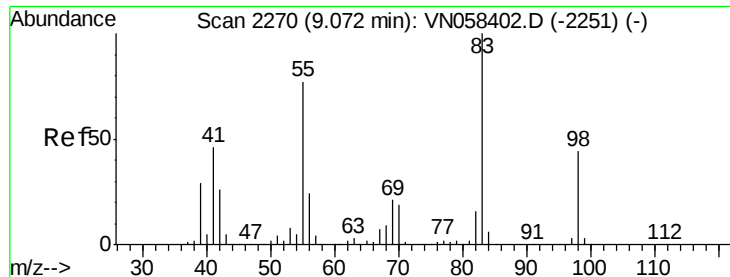
Tot Ion: 43 Resp: 310083  
Ion Ratio Lower Upper  
43 100  
61 13.0 10.5 15.7  
70 9.2 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 53.153 ug/l  
RT: 7.76 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 117 Resp: 325177  
Ion Ratio Lower Upper  
117 100  
119 95.4 76.6 115.0  
121 29.6 24.7 37.1

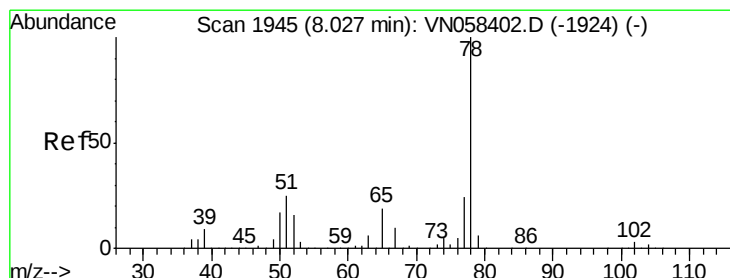
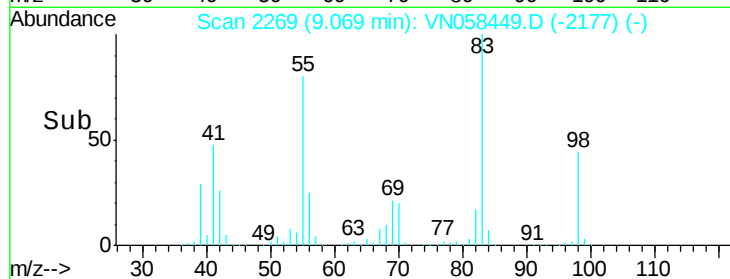
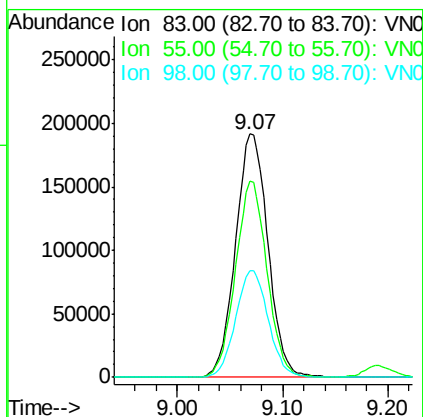
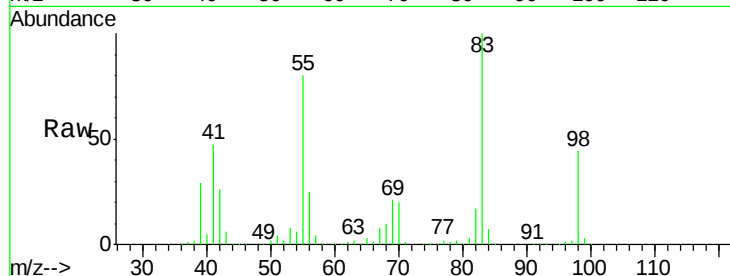




#39  
Methvlcvclohexane  
Concen: 51.717 ug/l  
RT: 9.07 min Scan# 2269  
Delta R.T. -0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

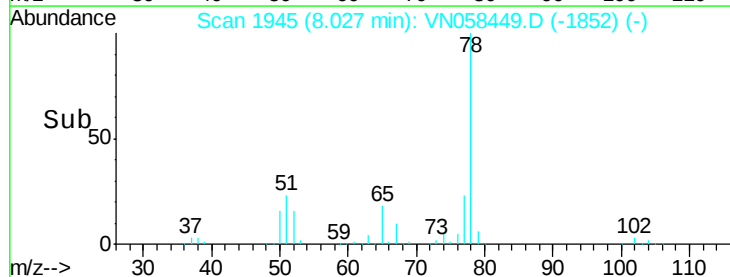
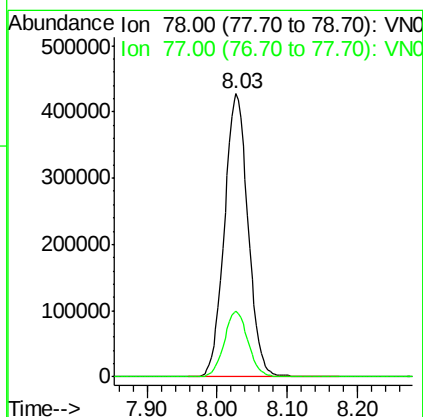
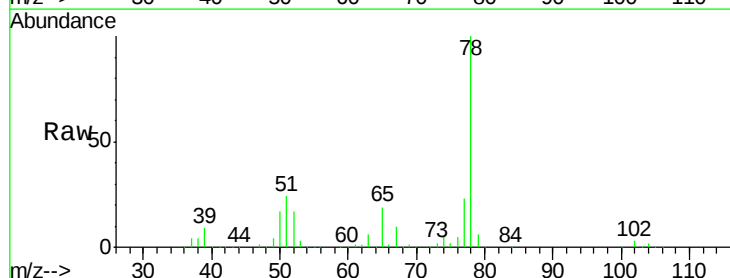
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

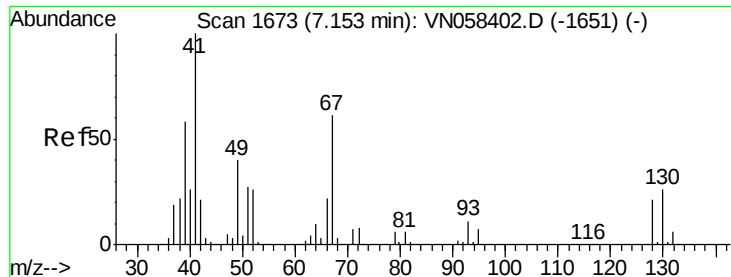
Tot Ion: 83 Resp: 409325  
Ion Ratio Lower Upper  
83 100  
55 80.4 61.8 92.6  
98 43.7 35.4 53.0



#40  
Benzene  
Concen: 51.425 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 78 Resp: 1001867  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.9 28.3

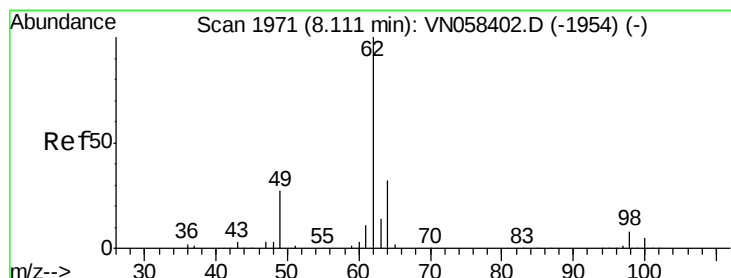
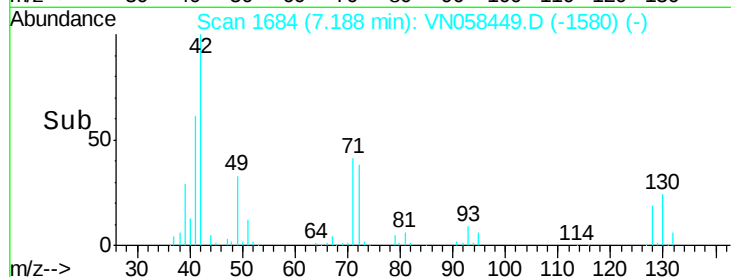
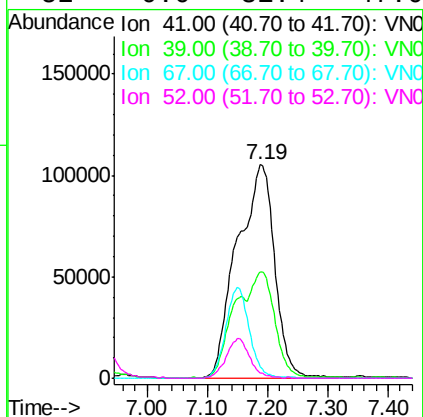
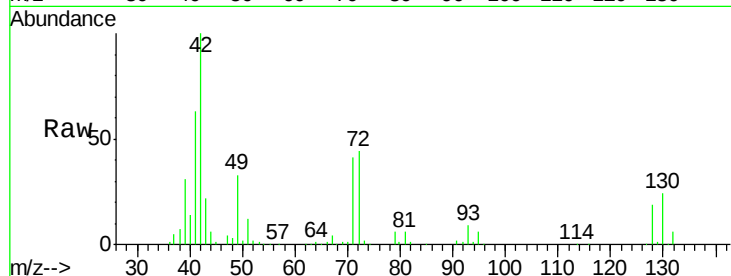




#41  
Methacrylonitrile  
Concen: 173.109 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.04 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

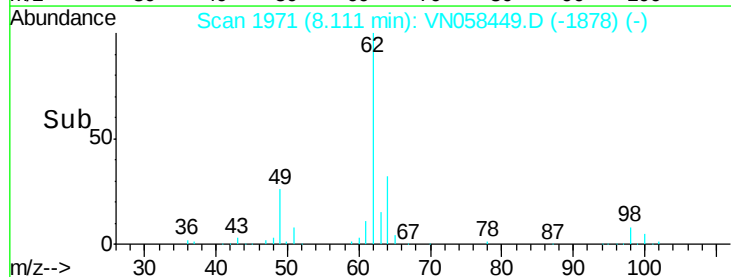
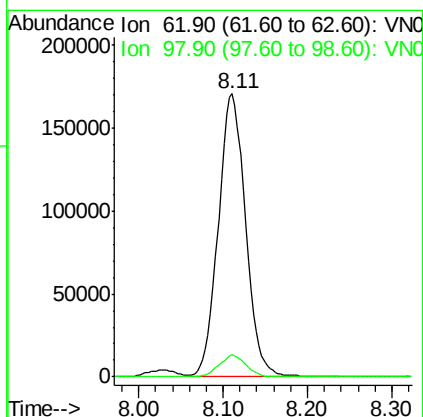
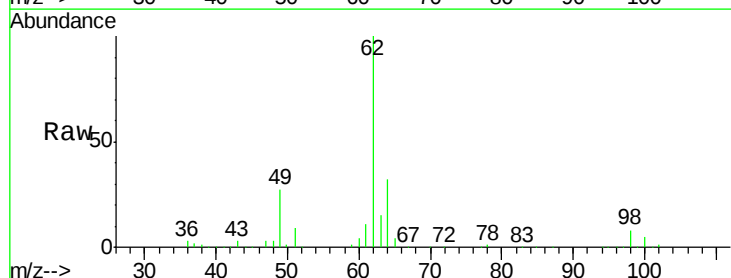
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

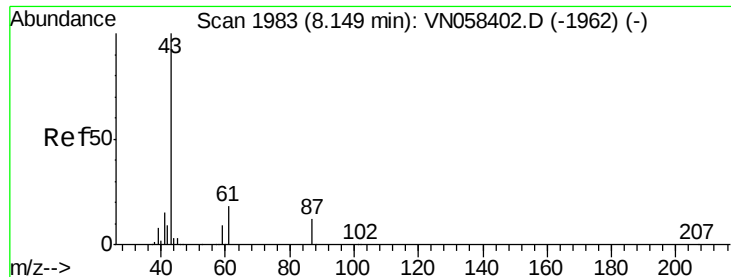
Tot Ion: 41 Resp: 457622  
Ion Ratio Lower Upper  
41 100  
39 0.0 50.2 75.4#  
67 0.0 70.2 105.4#  
52 0.0 31.4 47.0#



#42  
1,2-Dichloroethane  
Concen: 50.542 ug/l  
RT: 8.11 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 62 Resp: 383083  
Ion Ratio Lower Upper  
62 100  
98 7.6 0.0 15.6





#43

Isopropyl Acetate

Concen: 49.600 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

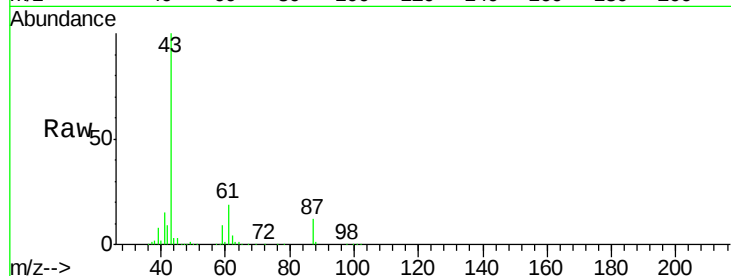
Tot Ion: 43 Resp: 535956

Ion Ratio Lower Upper

43 100

61 18.4 14.8 22.2

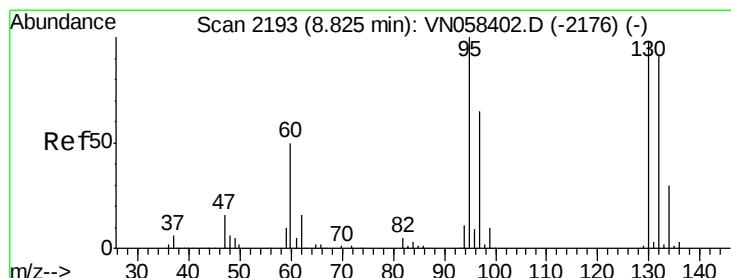
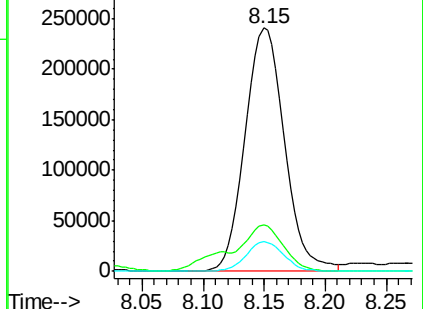
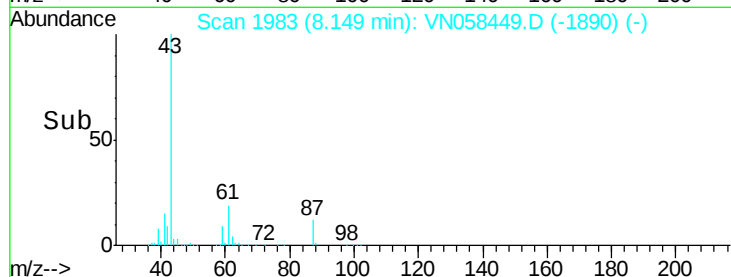
87 11.8 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058449.D (-2190) (-)

Ion 61.00 (60.70 to 61.70): VN058449.D (-2190) (-)

Ion 87.00 (86.70 to 87.70): VN058449.D (-2190) (-)



#44

Trichloroethene

Concen: 51.069 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058449.D

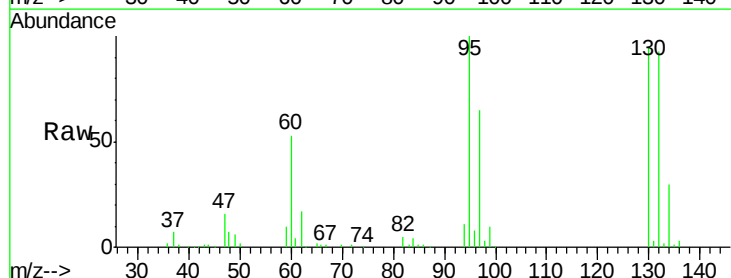
Acq: 30 Sep 2019 20:20

Tgt Ion: 130 Resp: 245666

Ion Ratio Lower Upper

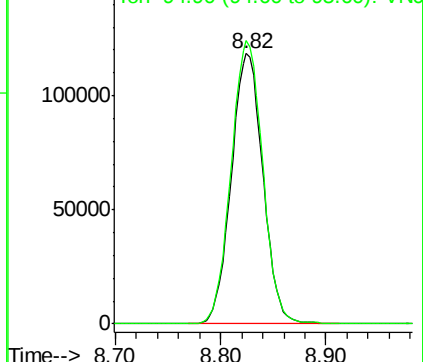
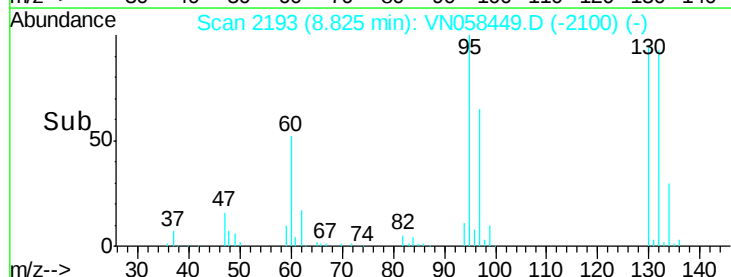
130 100

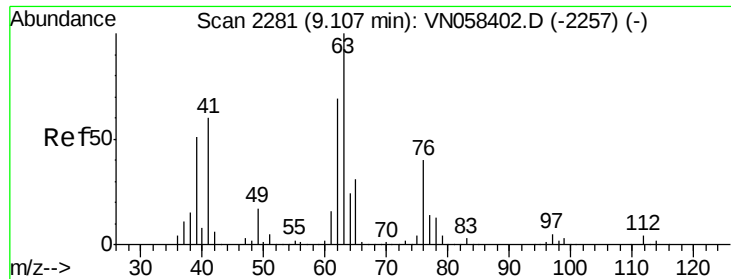
95 104.8 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058449.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN058449.D (-2100) (-)





#45

1,2-Dichloropropane

Concen: 52.583 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

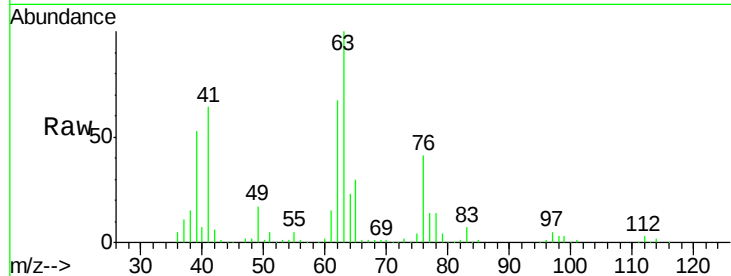
VSTDCCC050EC

Tot Ion: 63 Resp: 274741

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

150000

100000

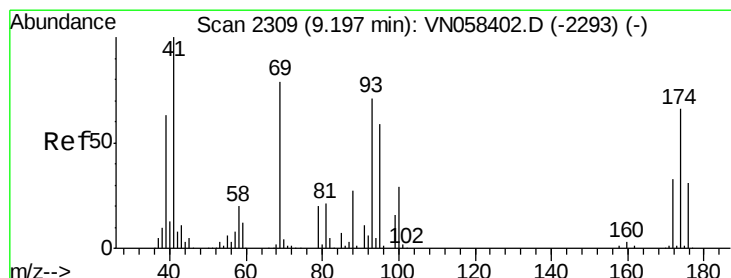
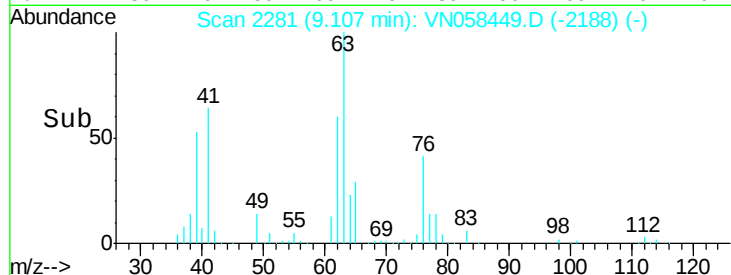
50000

0

9.11

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 51.979 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

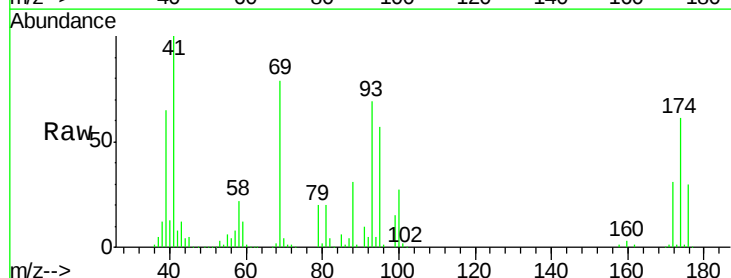
Tgt Ion: 93 Resp: 171993

Ion Ratio Lower Upper

93 100

95 82.0 67.0 100.4

174 89.2 74.2 111.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

40000

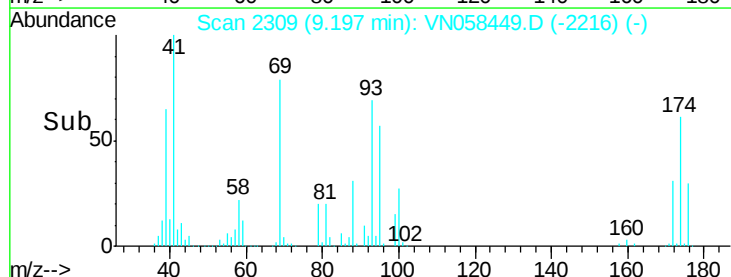
20000

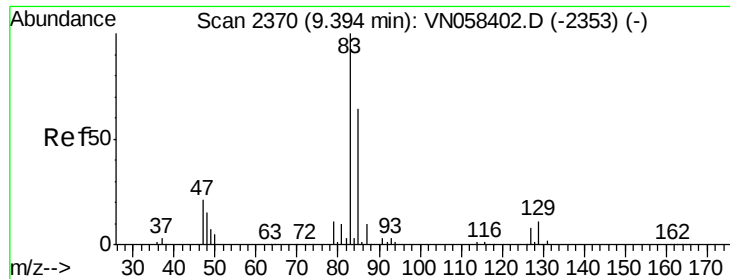
0

9.20

9.10 9.20 9.30

Time-->

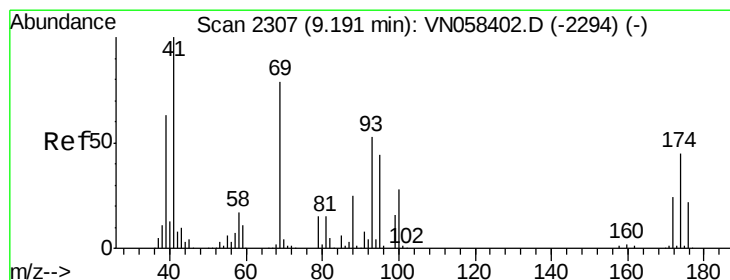
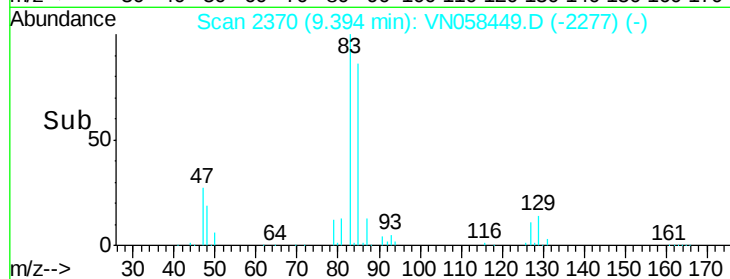
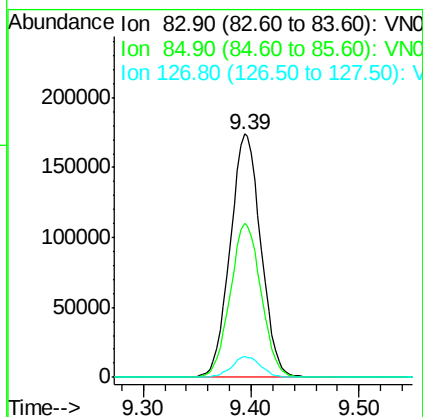
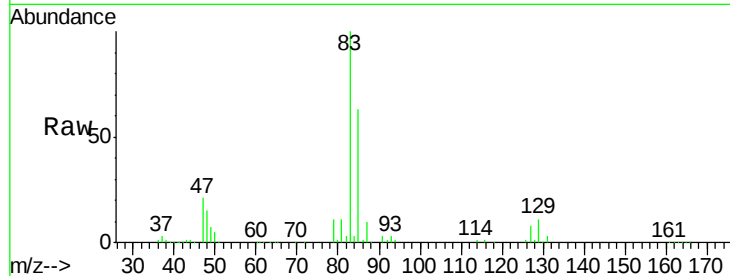




#47  
 Bromodichloromethane  
 Concen: 55.015 ug/l  
 RT: 9.39 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

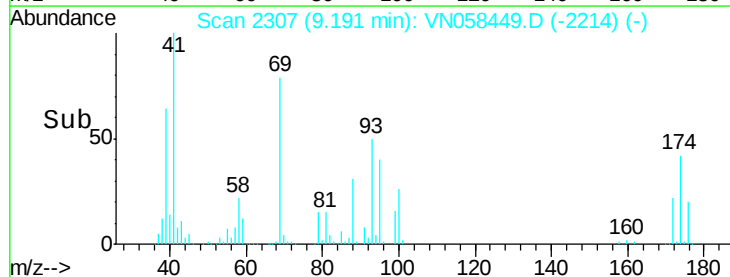
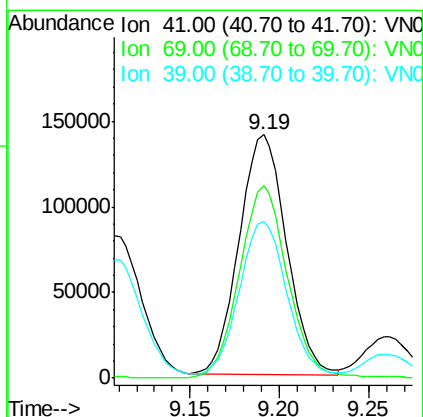
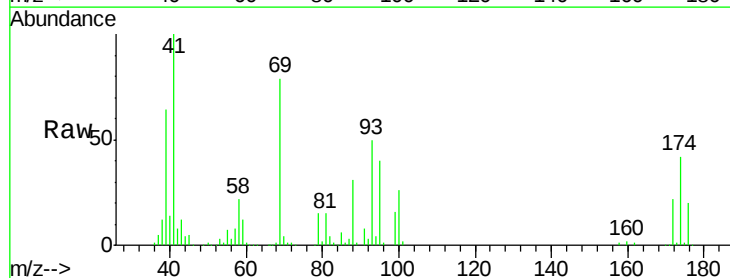
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

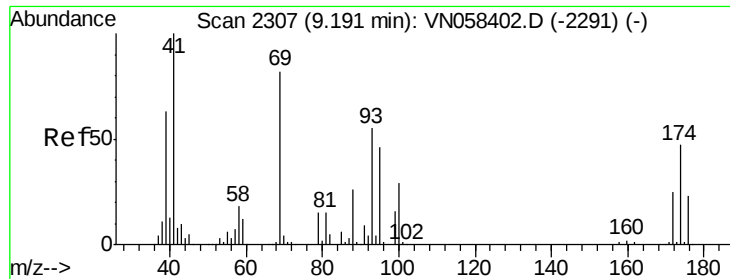
Tot Ion: 83 Resp: 344906  
 Ion Ratio Lower Upper  
 83 100  
 85 63.3 51.2 76.8  
 127 8.4 6.3 9.5



#48  
 Methyl methacrylate  
 Concen: 52.747 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Tgt Ion: 41 Resp: 259533  
 Ion Ratio Lower Upper  
 41 100  
 69 81.3 64.7 97.1  
 39 66.8 52.9 79.3

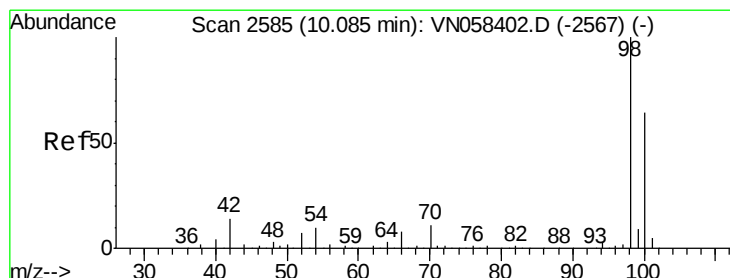
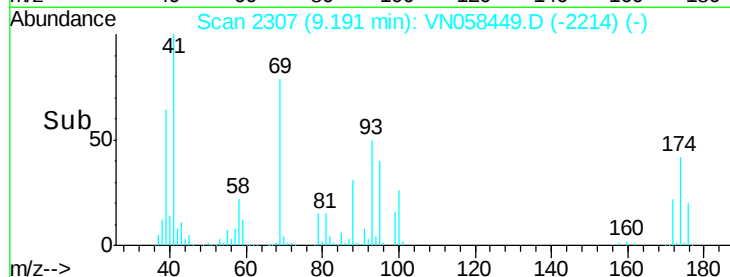
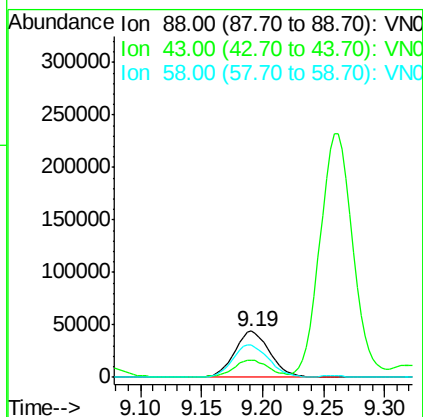
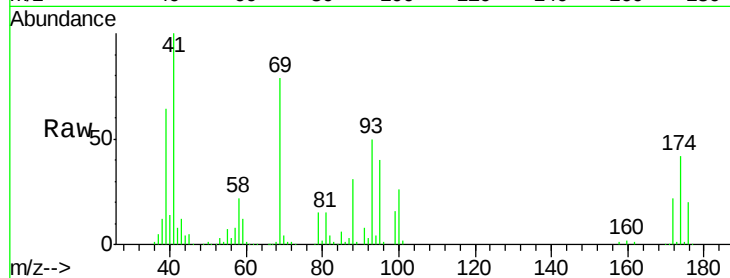




#49  
1,4-Dioxane  
Concen: 1342.269 ug/l  
RT: 9.19 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

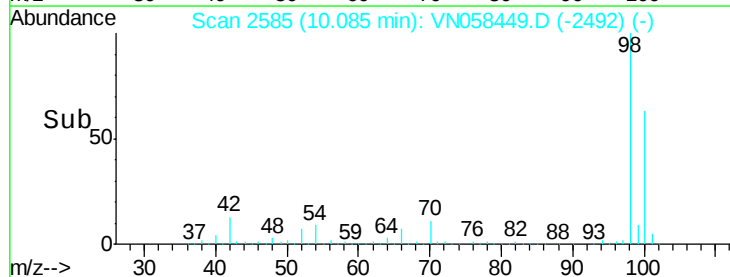
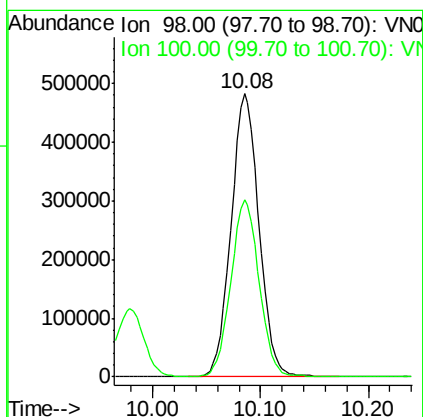
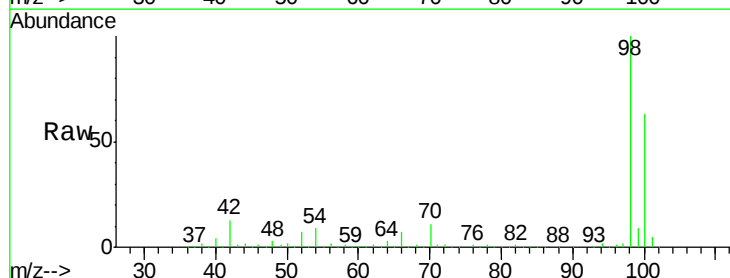
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

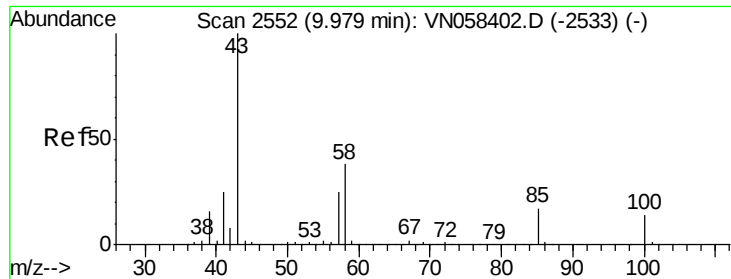
Tot Ion: 88 Resp: 88309  
Ion Ratio Lower Upper  
88 100  
43 34.9 31.1 46.7  
58 72.3 58.1 87.1



#50  
Toluene-d8  
Concen: 51.213 ug/l  
RT: 10.08 min Scan# 2585  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 98 Resp: 871547  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 284.762 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

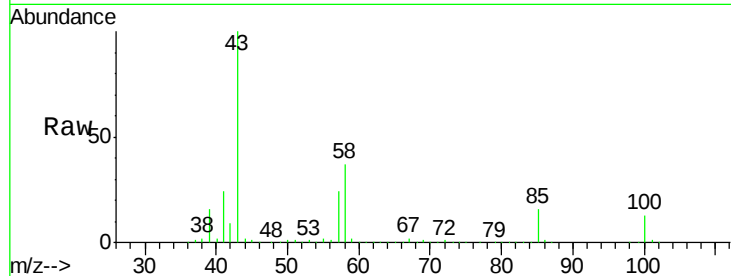
VSTDCCC050EC

Tot Ion: 43 Resp: 1580563

Ion Ratio Lower Upper

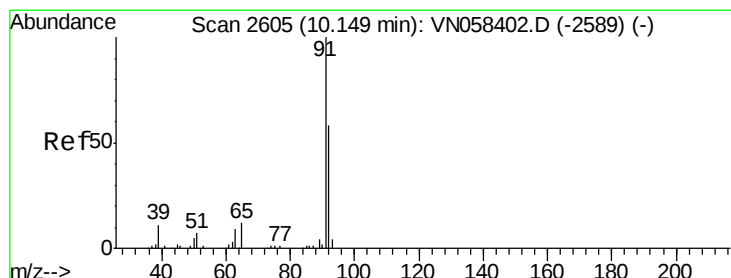
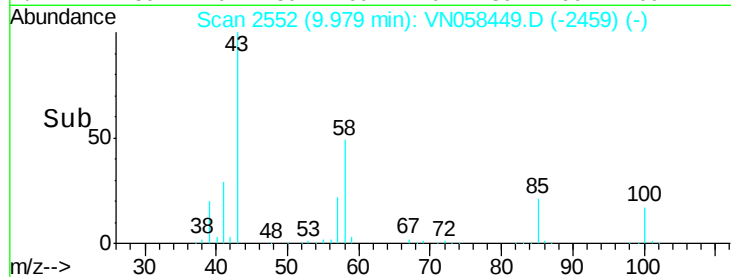
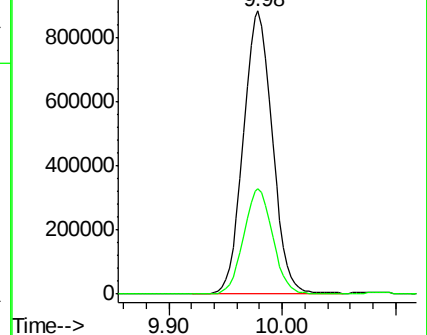
43 100

58 37.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.063 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058449.D

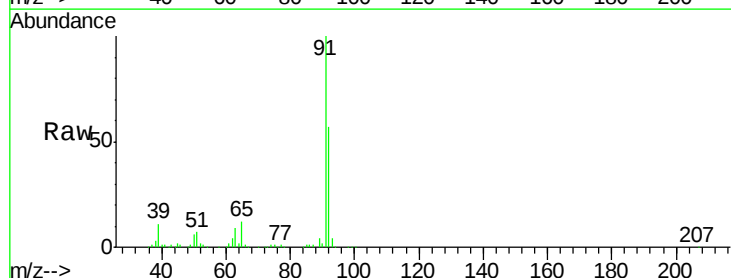
Acq: 30 Sep 2019 20:20

Tgt Ion: 92 Resp: 626157

Ion Ratio Lower Upper

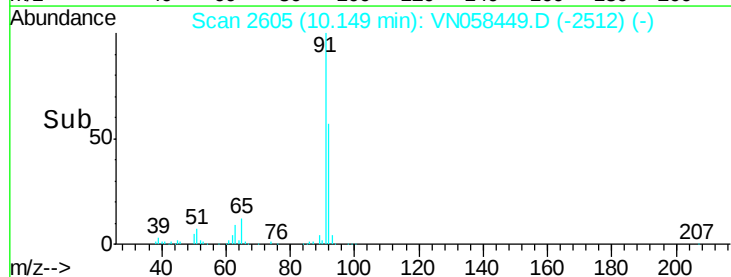
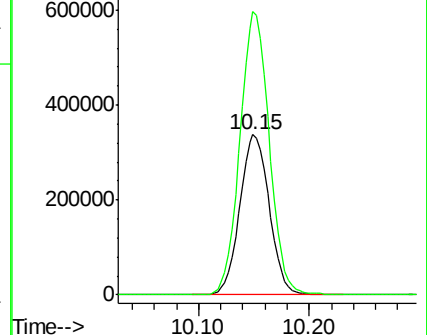
92 100

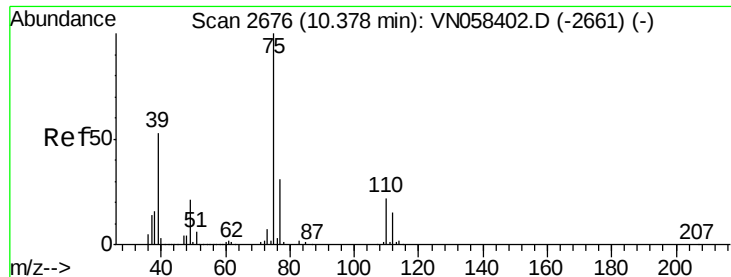
91 175.7 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 54.792 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

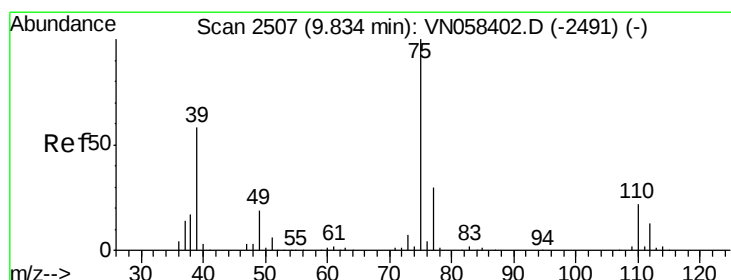
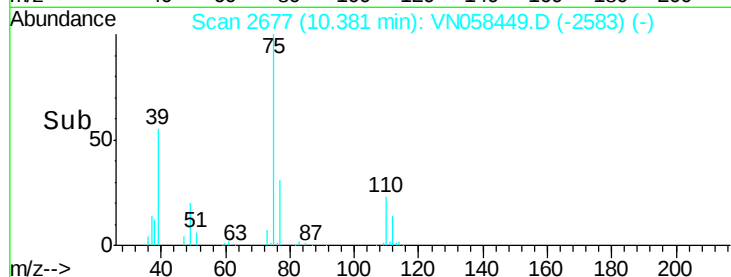
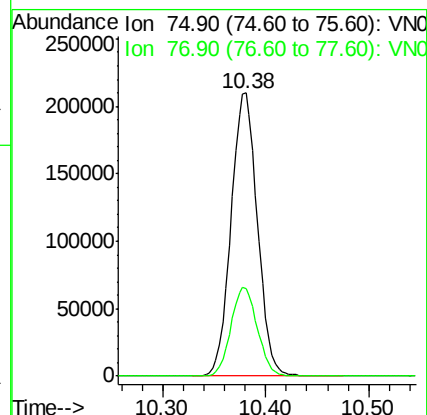
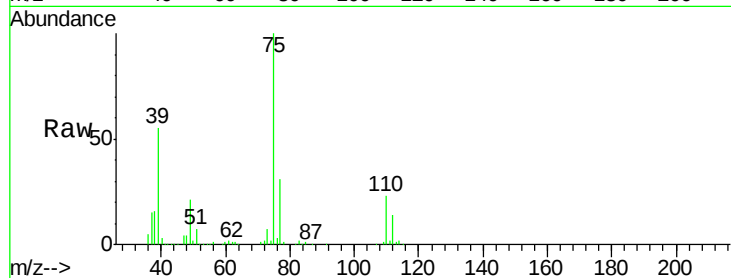
VSTDCCC050EC

Tot Ion: 75 Resp: 373880

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 54.352 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

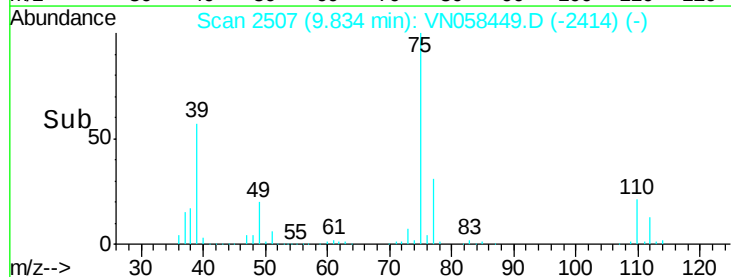
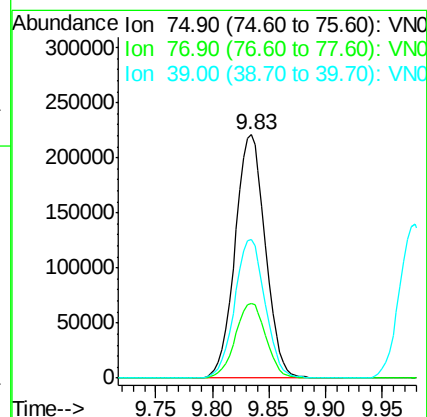
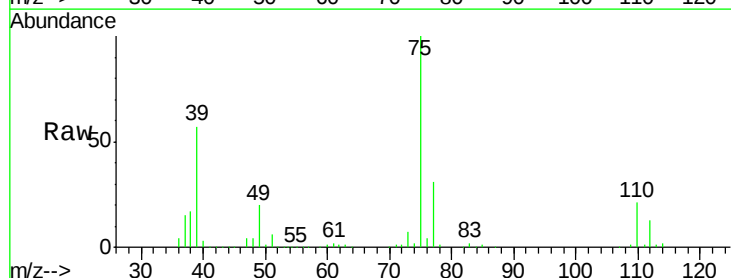
Tgt Ion: 75 Resp: 411693

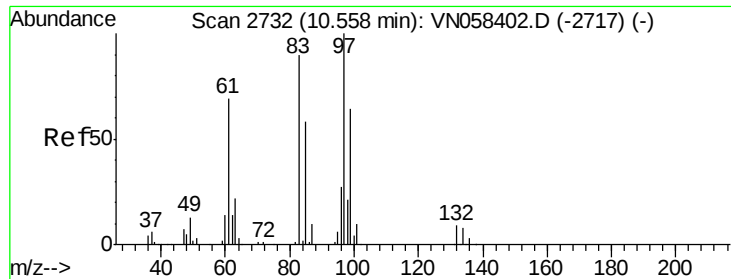
Ion Ratio Lower Upper

75 100

77 30.9 24.2 36.4

39 57.1 46.4 69.6





#55

1,1,2-Trichloroethane

Concen: 52.707 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 235337

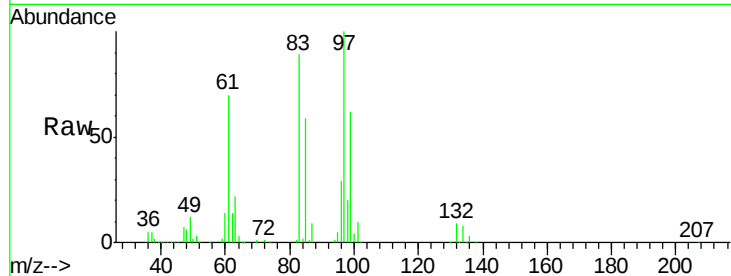
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.9  | 71.8  | 107.6 |
| 85  | 58.7  | 46.6  | 69.8  |
| 99  | 62.1  | 51.5  | 77.3  |

97 100

83 88.9 71.8 107.6

85 58.7 46.6 69.8

99 62.1 51.5 77.3



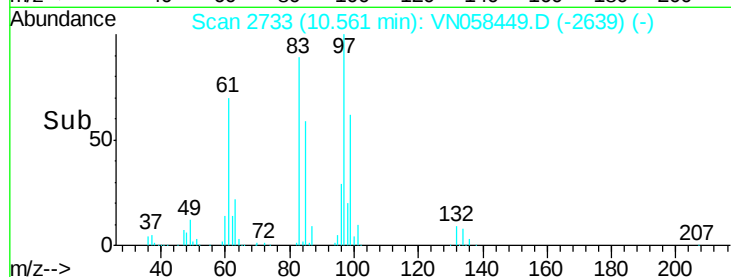
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

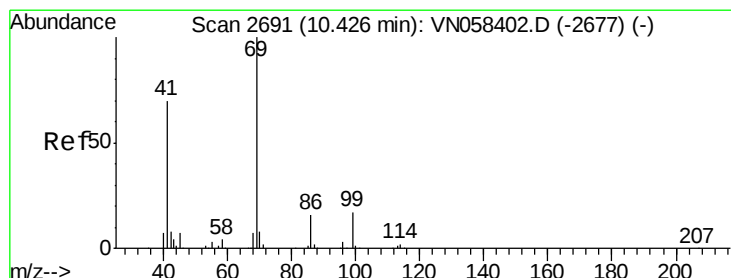
Ion 98.90 (98.60 to 99.60): VN0

Time-->



10.56

Time-->



#56

Ethyl methacrylate

Concen: 54.769 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

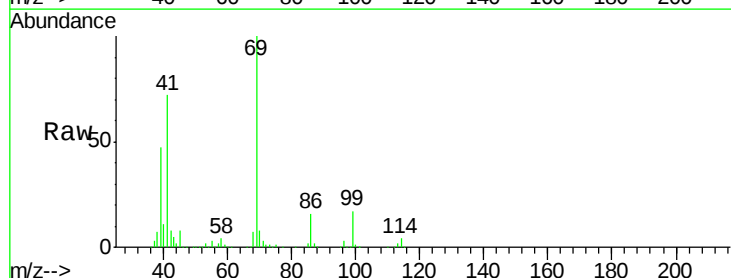
Tgt Ion: 69 Resp: 371074

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.2  | 56.3  | 84.5  |
| 39  | 44.8  | 35.8  | 53.6  |

69 100

41 71.2 56.3 84.5

39 44.8 35.8 53.6

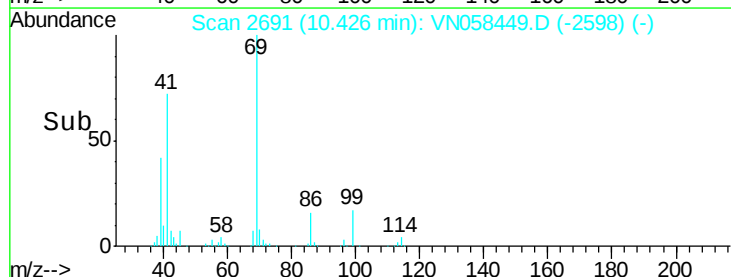


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

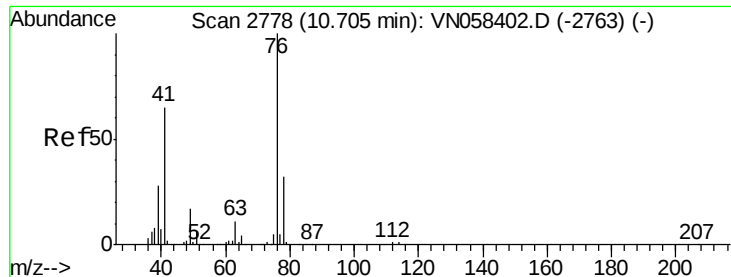
Ion 39.00 (38.70 to 39.70): VN0

Time-->



10.43

Time-->



#57

1,3-Dichloropropane

Concen: 53.484 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

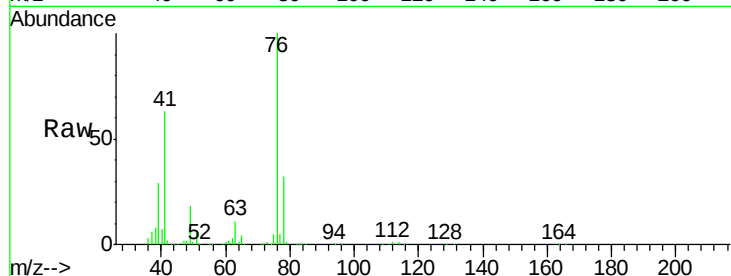
VSTDCCC050EC

Tot Ion: 76 Resp: 425962

Ion Ratio Lower Upper

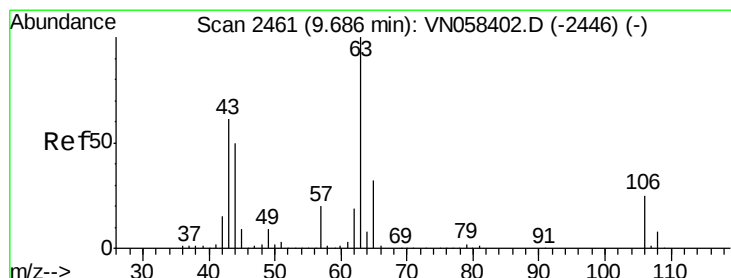
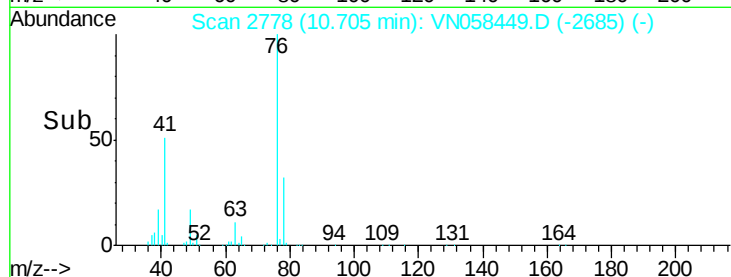
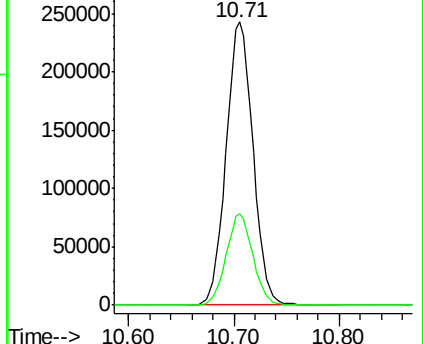
76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 271.788 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058449.D

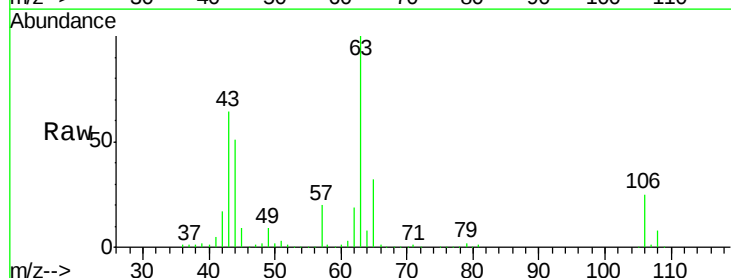
Acq: 30 Sep 2019 20:20

Tgt Ion: 63 Resp: 734259

Ion Ratio Lower Upper

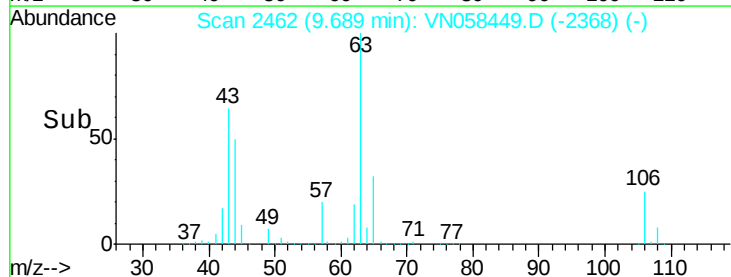
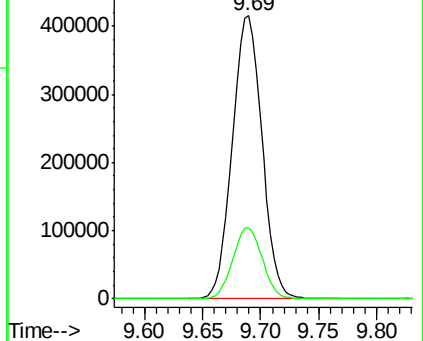
63 100

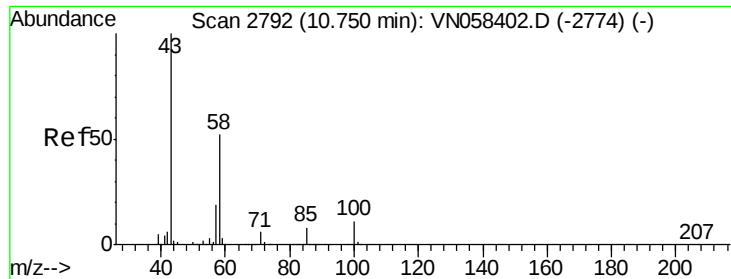
106 25.1 20.3 30.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

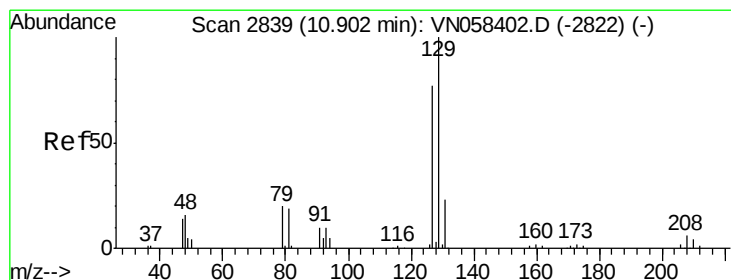
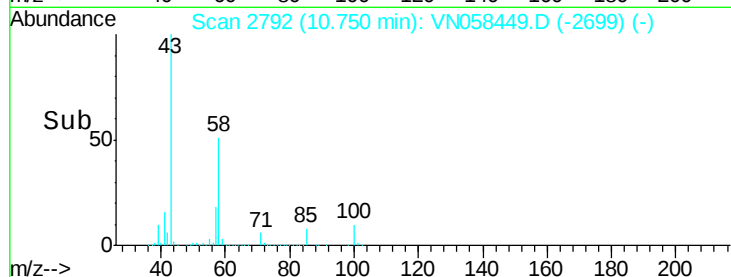
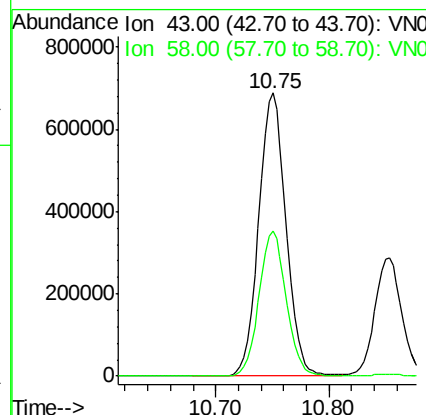
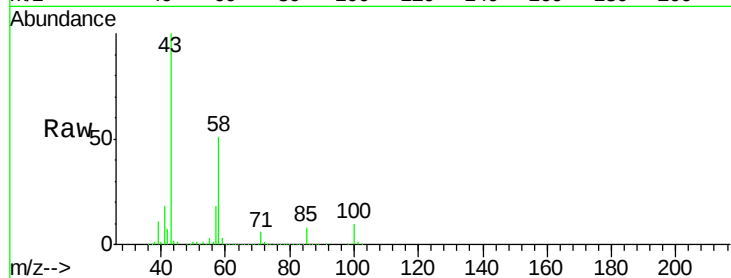




#59  
2-Hexanone  
Concen: 284.091 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

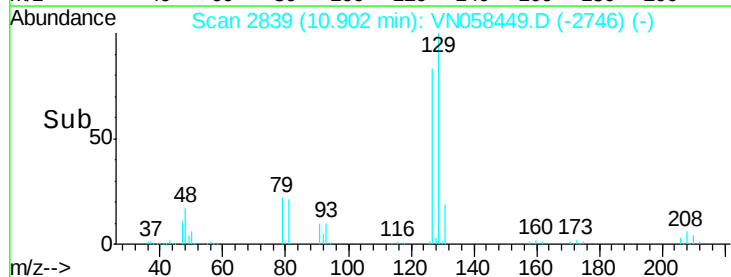
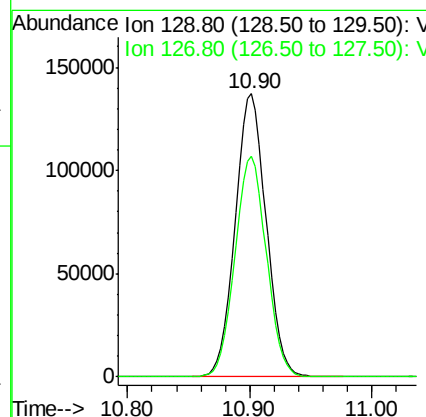
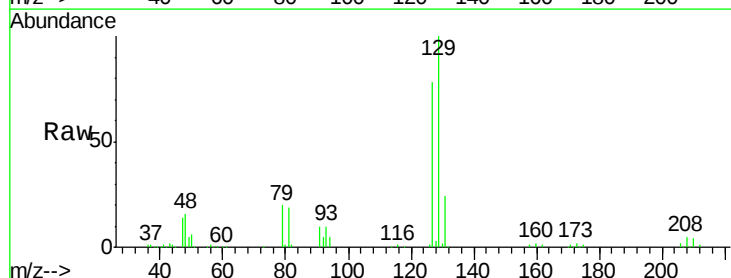
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

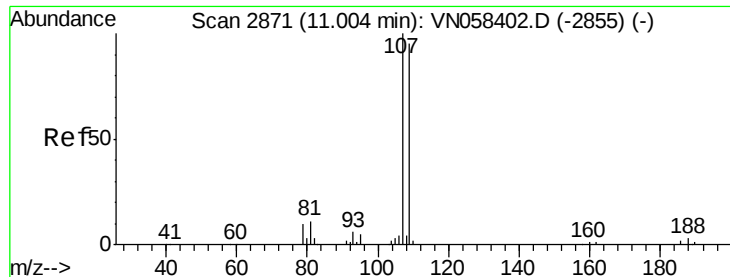
Tot Ion: 43 Resp: 1148177  
Ion Ratio Lower Upper  
43 100  
58 51.2 25.8 77.3



#60  
Dibromochloromethane  
Concen: 52.446 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 129 Resp: 242369  
Ion Ratio Lower Upper  
129 100  
127 79.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.727 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

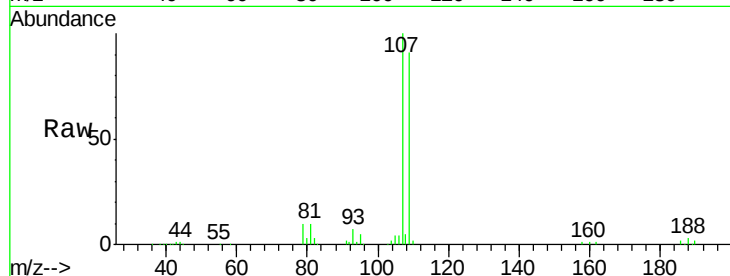
VSTDCCC050EC

Tot Ion: 107 Resp: 245120

Ion Ratio Lower Upper

107 100

109 92.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

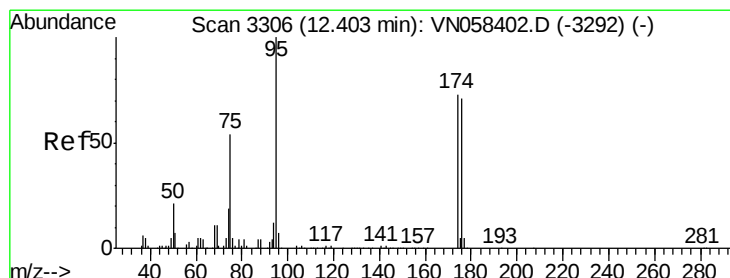
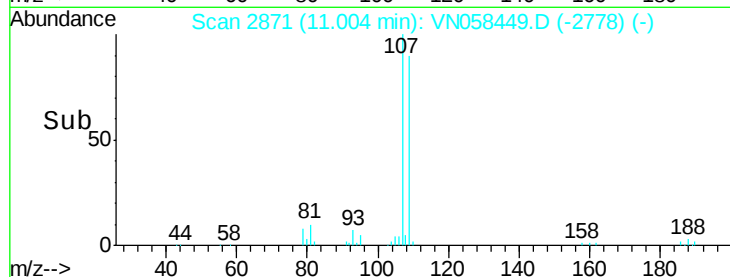
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 52.597 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

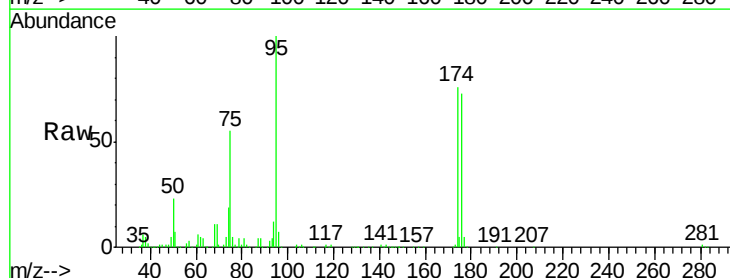
Tgt Ion: 95 Resp: 323652

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 72.4 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

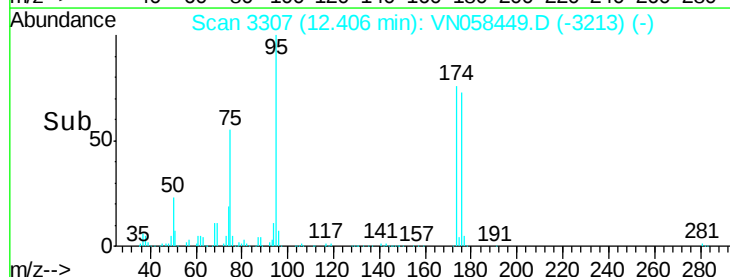
150000

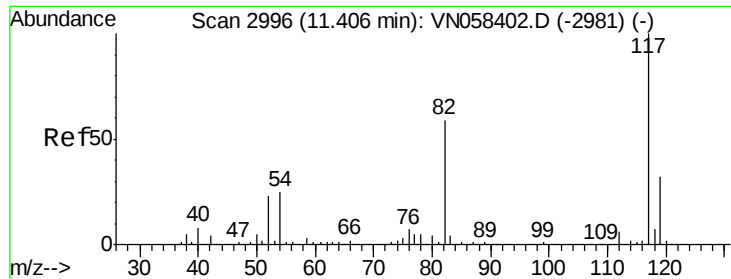
100000

50000

0

Time--> 12.35 12.40 12.45 12.50

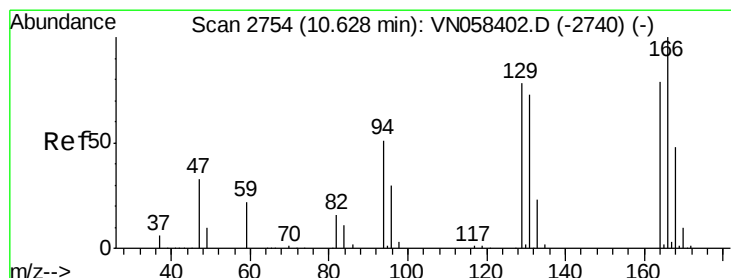
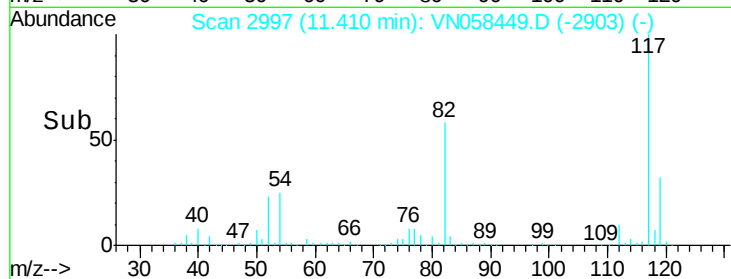
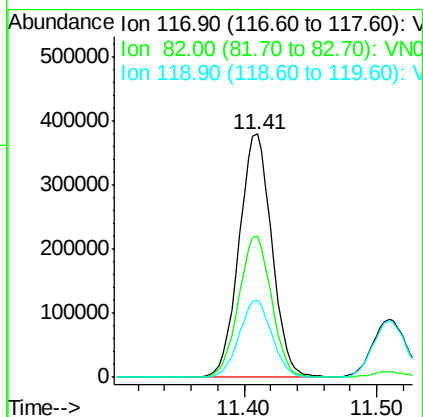
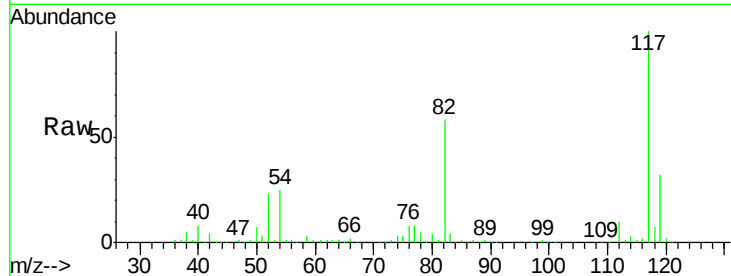




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

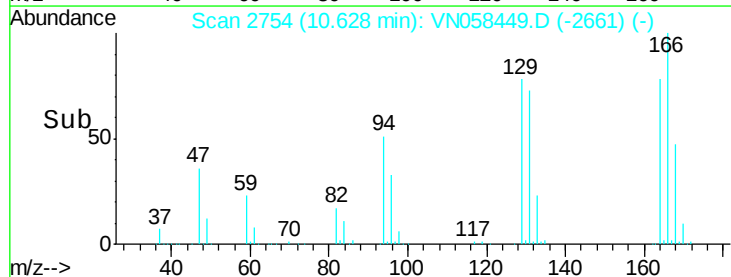
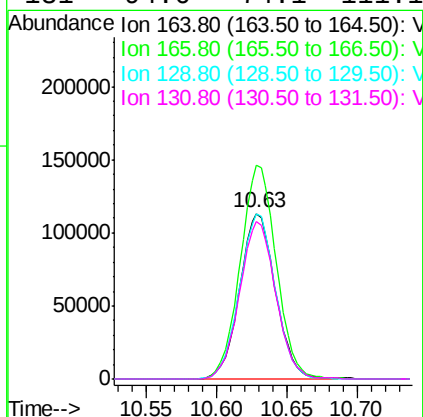
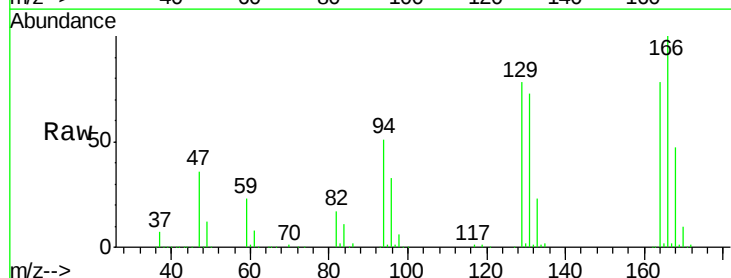
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

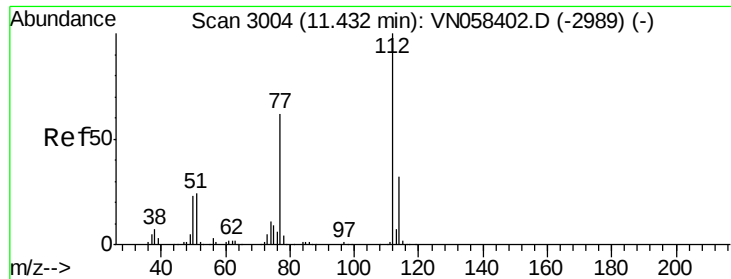
Tot Ion:117 Resp: 650948  
Ion Ratio Lower Upper  
117 100  
82 57.8 47.4 71.0  
119 31.7 25.5 38.3



#64  
Tetrachloroethene  
Concen: 48.704 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion:164 Resp: 201423  
Ion Ratio Lower Upper  
164 100  
166 129.0 101.1 151.7  
129 100.1 79.2 118.8  
131 94.6 74.1 111.1

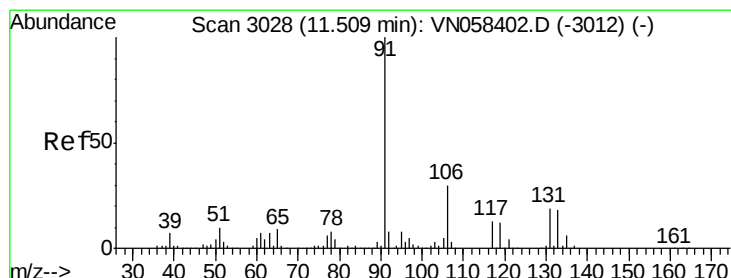
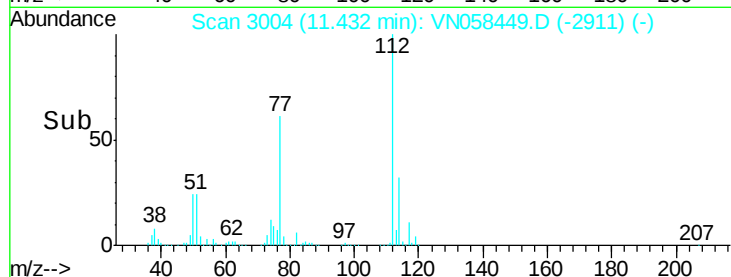
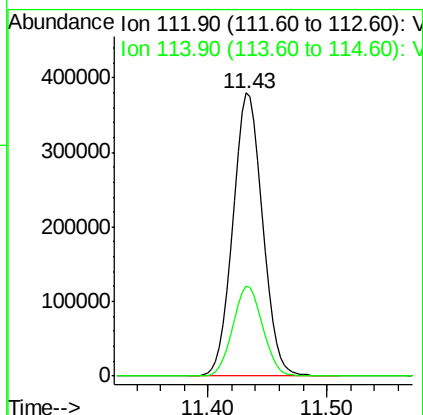
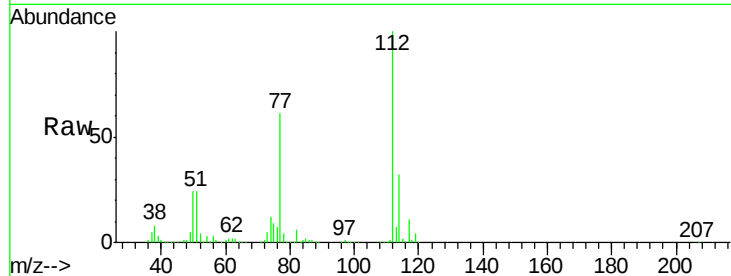




#65  
Chlorobenzene  
Concen: 50.662 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

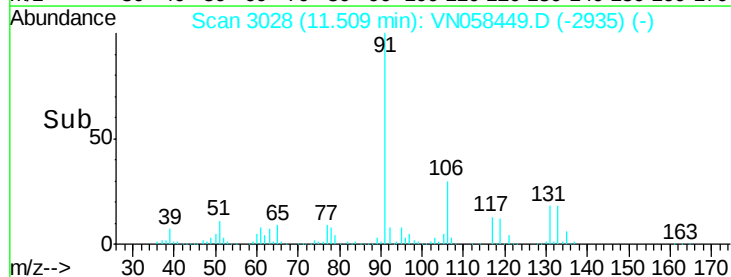
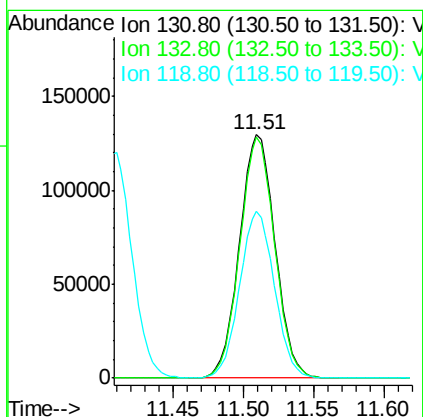
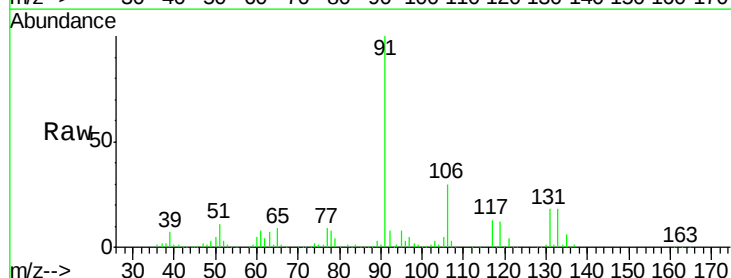
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

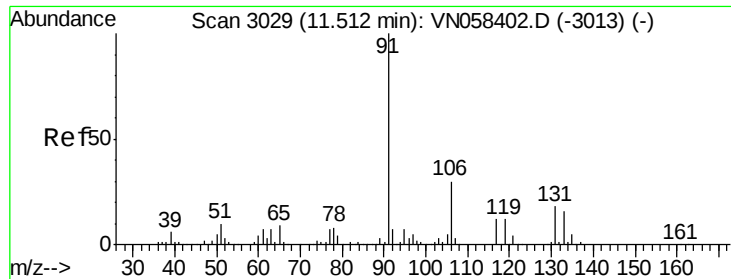
Tot Ion:112 Resp: 655528  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.618 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion:131 Resp: 229393  
Ion Ratio Lower Upper  
131 100  
133 97.0 47.8 143.3  
119 67.1 33.0 99.0

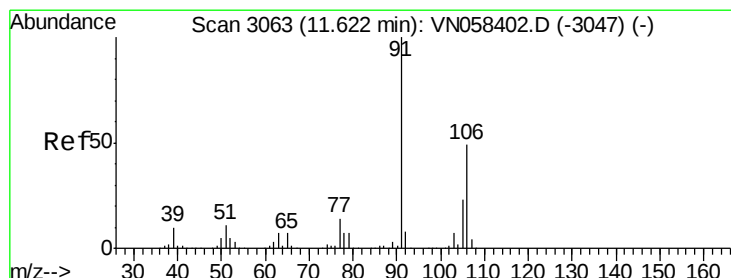
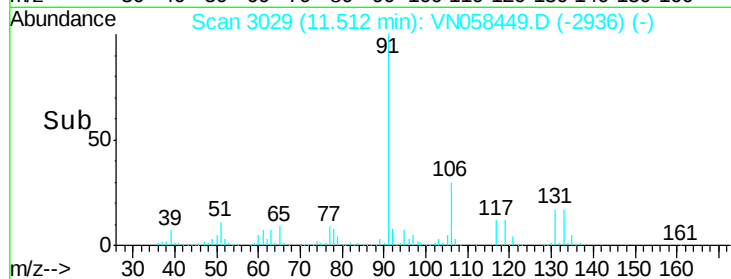
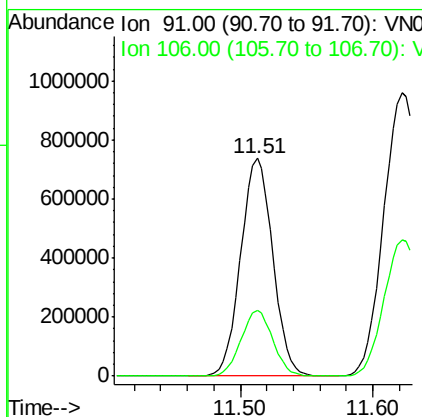
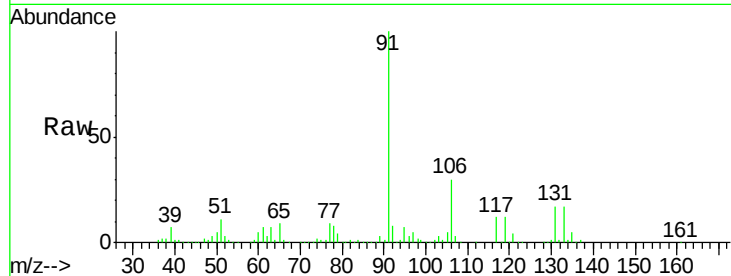




#67  
Ethyl Benzene  
Concen: 52.852 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

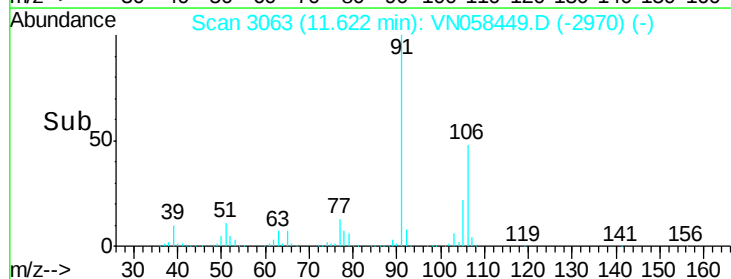
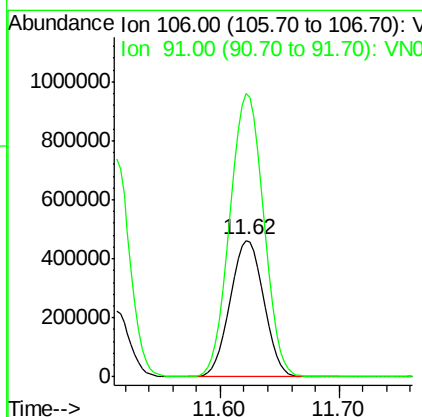
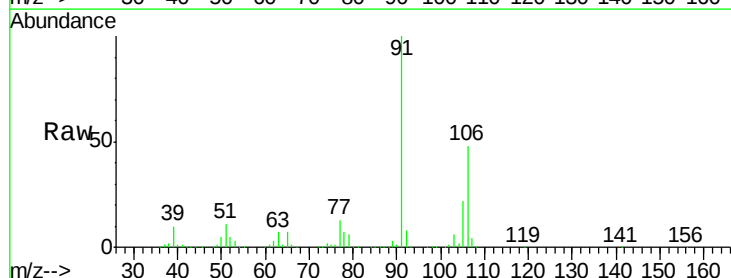
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

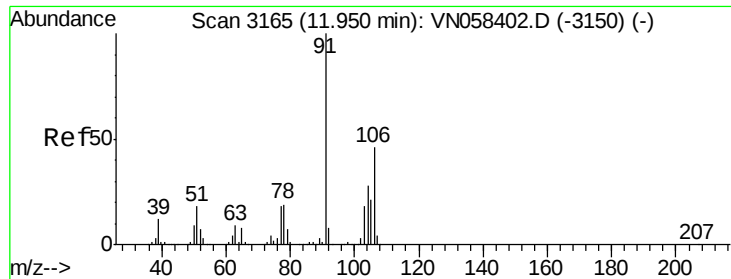
Tot Ion: 91 Resp: 1238690  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.3 36.5



#68  
m/p-Xylenes  
Concen: 102.670 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion: 106 Resp: 905337  
Ion Ratio Lower Upper  
106 100  
91 208.7 165.0 247.4

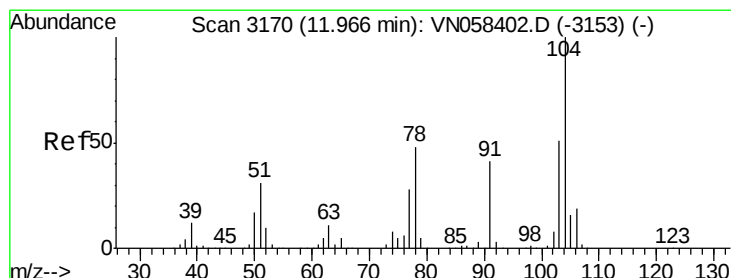
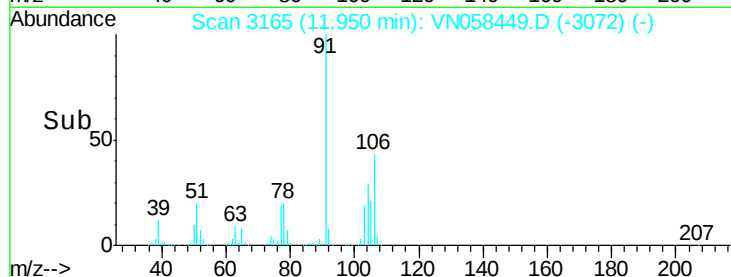
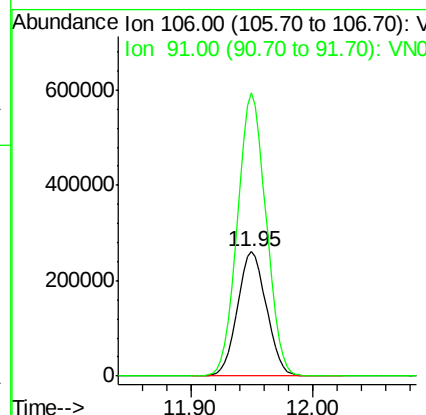
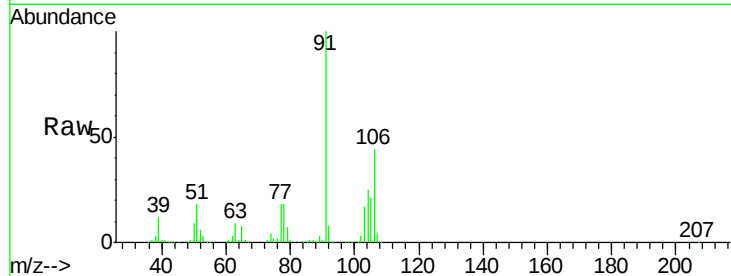




#69  
o-Xylene  
Concen: 50.712 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

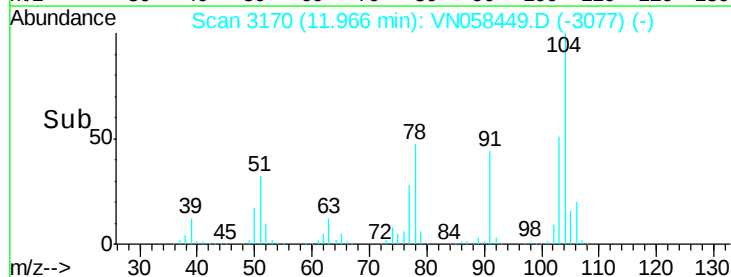
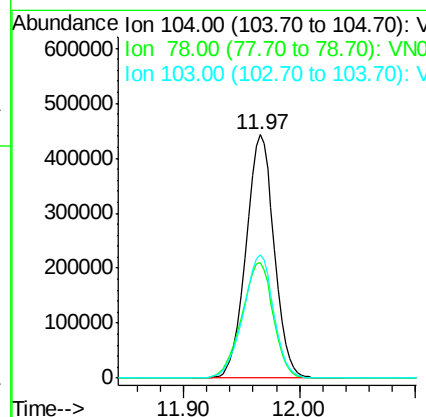
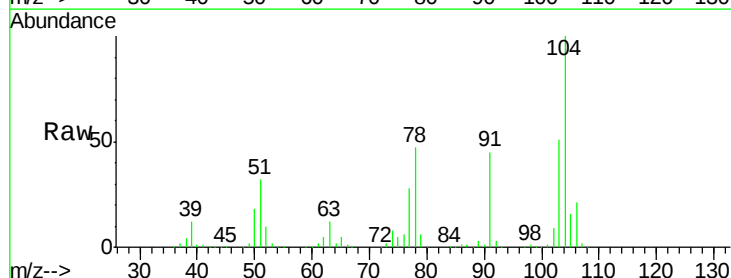
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

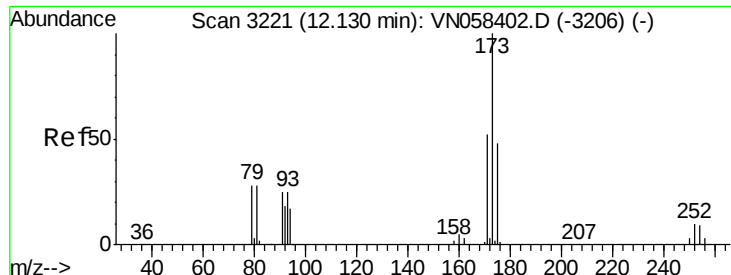
Tot Ion:106 Resp: 430466  
Ion Ratio Lower Upper  
106 100  
91 225.0 109.1 327.4



#70  
Styrene  
Concen: 54.158 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion:104 Resp: 746848  
Ion Ratio Lower Upper  
104 100  
78 53.1 42.8 64.2  
103 54.7 43.7 65.5

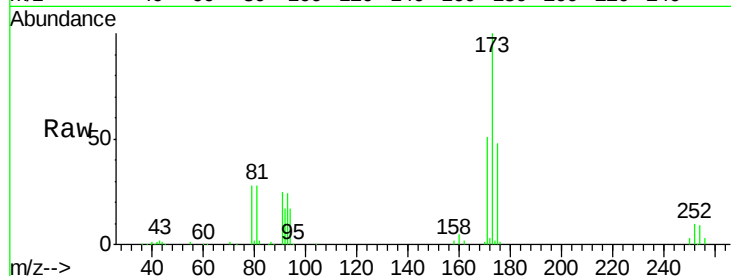




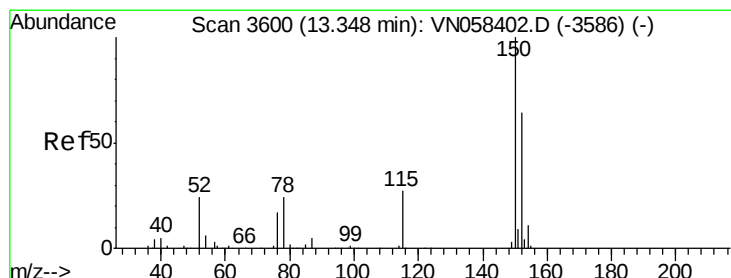
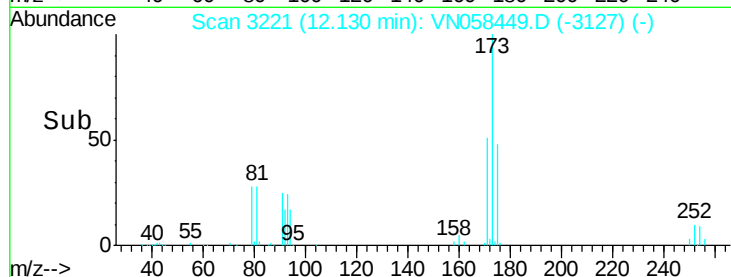
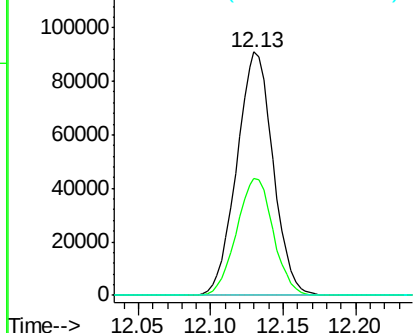
#71  
Bromoform  
Concen: 52.466 ug/l  
RT: 12.13 min Scan# 3221  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:173 Resp: 158173  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.3 73.0  
254 0.0 0.1 0.1#

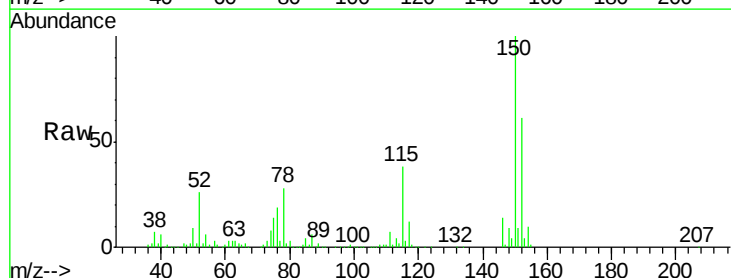


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

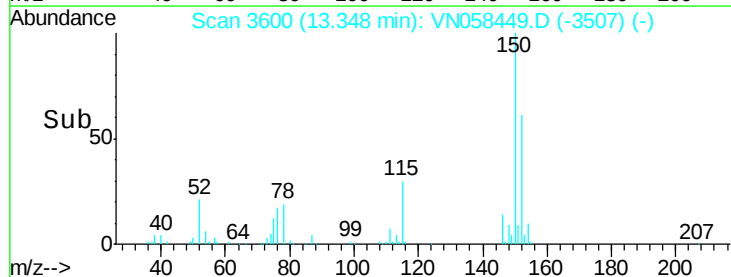
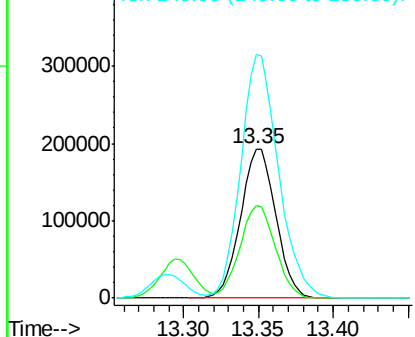


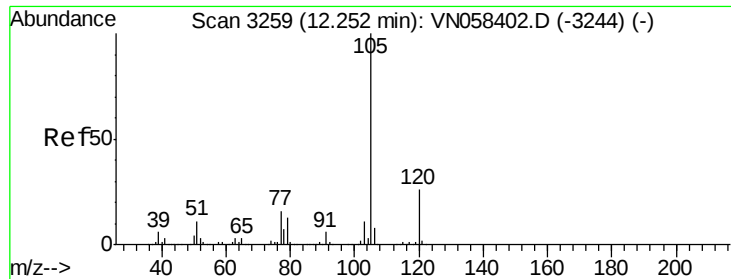
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3600  
Delta R.T. 0.00 min  
Lab File: VN058449.D  
Acq: 30 Sep 2019 20:20

Tgt Ion:152 Resp: 316830  
Ion Ratio Lower Upper  
152 100  
115 62.5 30.0 90.0  
150 174.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.296 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

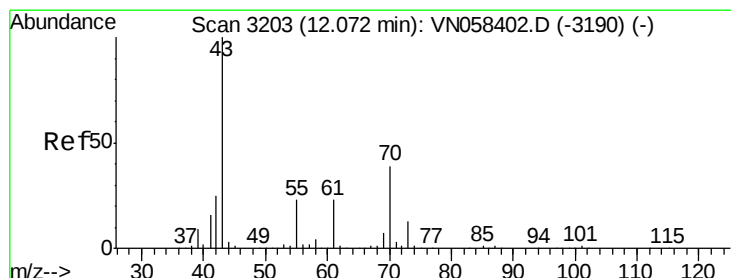
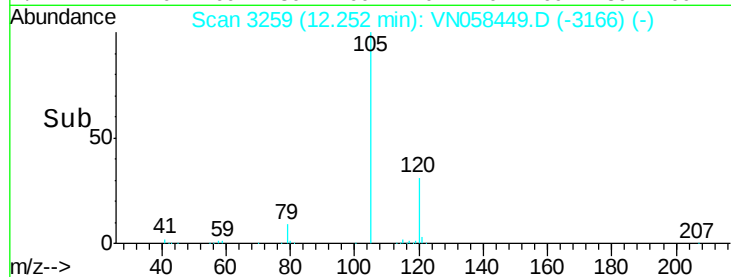
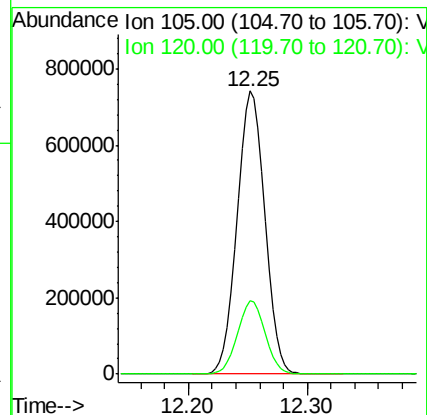
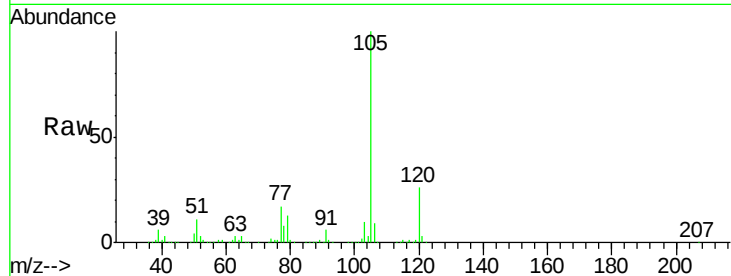
VSTDCCC050EC

Tot Ion:105 Resp: 1201079

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 52.571 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Tgt Ion: 43 Resp: 489694

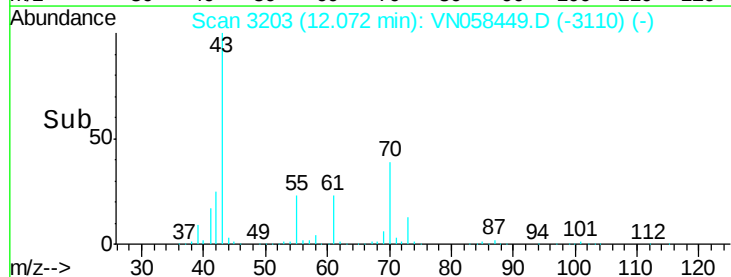
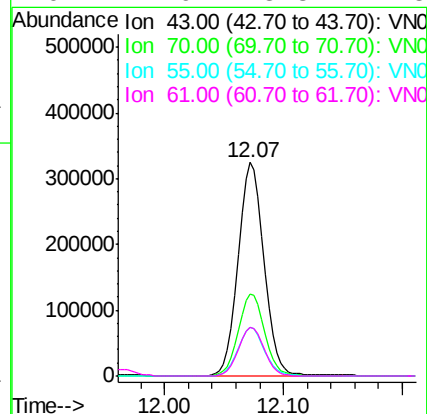
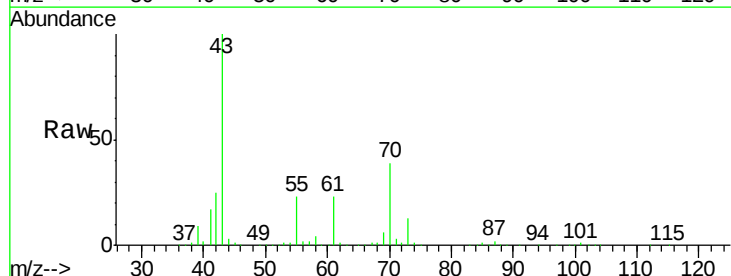
Ion Ratio Lower Upper

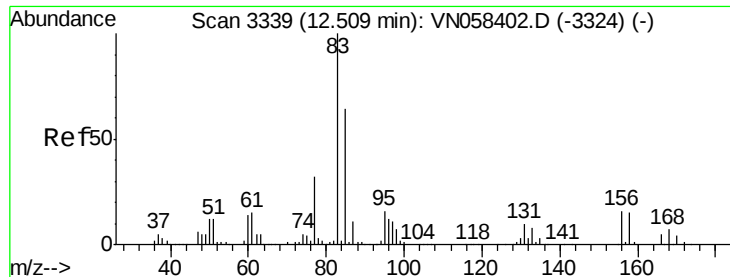
43 100

70 39.0 31.4 47.2

55 23.3 18.2 27.4

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.952 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

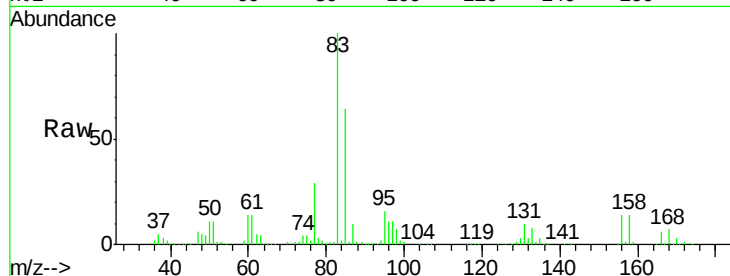
Tot Ion: 83 Resp: 352777

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

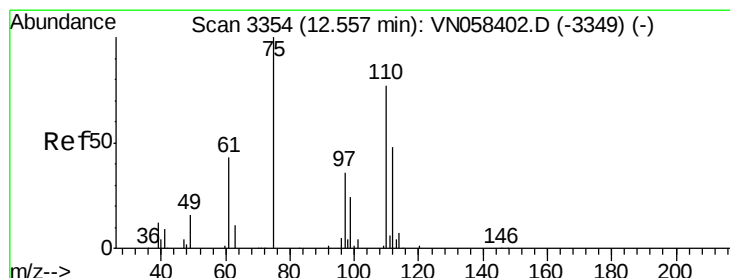
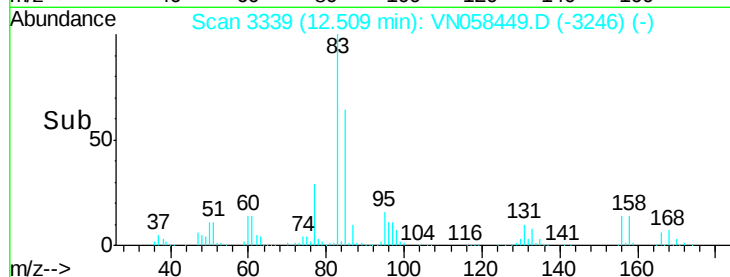
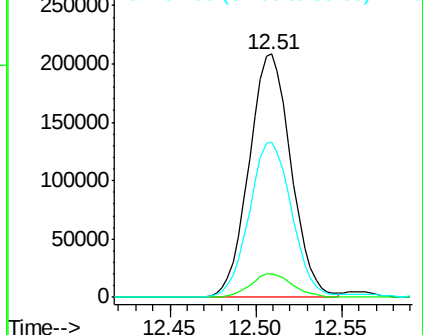
85 64.6 32.0 96.0



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: 76.500 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058449.D

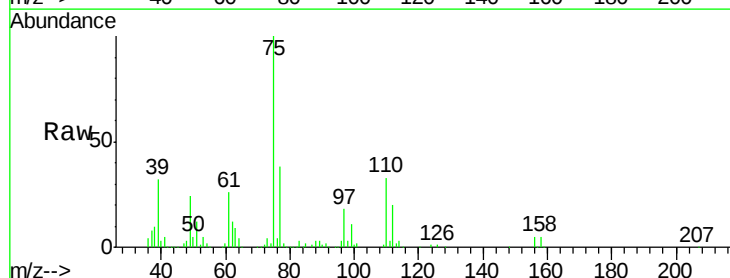
Acq: 30 Sep 2019 20:20

Tgt Ion: 75 Resp: 442700

Ion Ratio Lower Upper

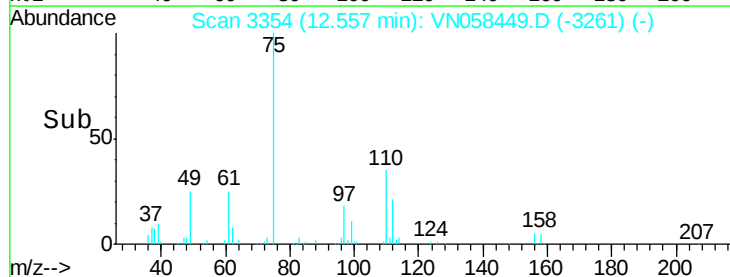
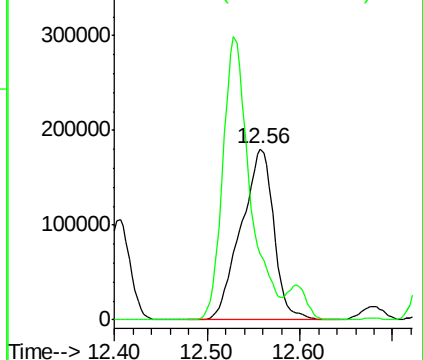
75 100

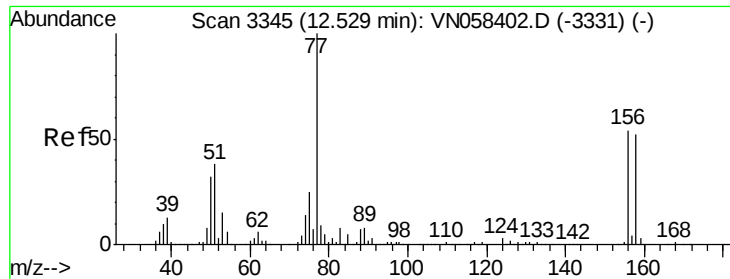
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.178 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

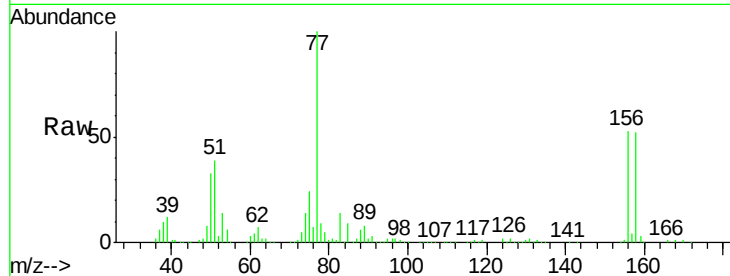
Tot Ion:156 Resp: 269994

Ion Ratio Lower Upper

156 100

77 225.5 110.0 330.0

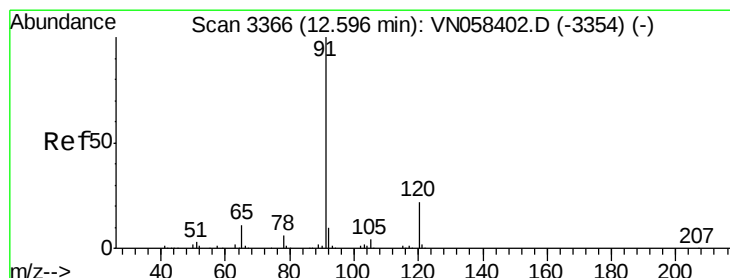
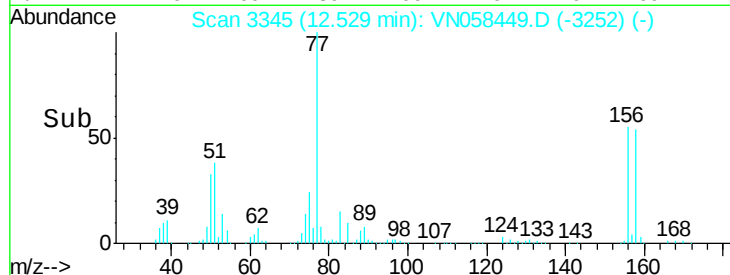
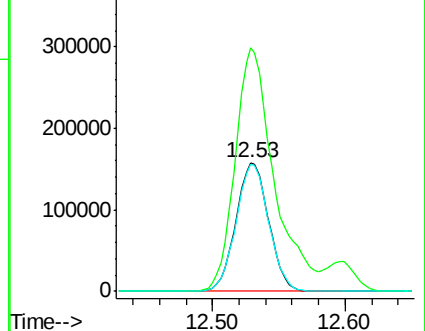
158 98.8 47.9 143.8



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: 54.121 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058449.D

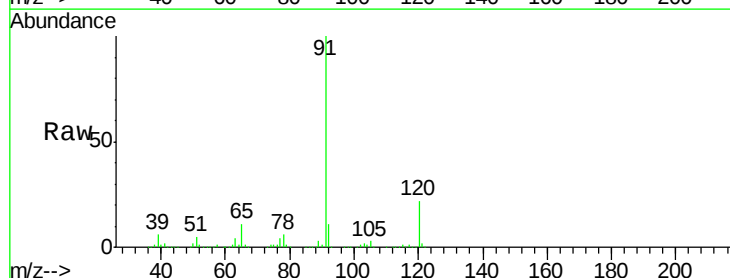
Acq: 30 Sep 2019 20:20

Tgt Ion: 91 Resp: 1427662

Ion Ratio Lower Upper

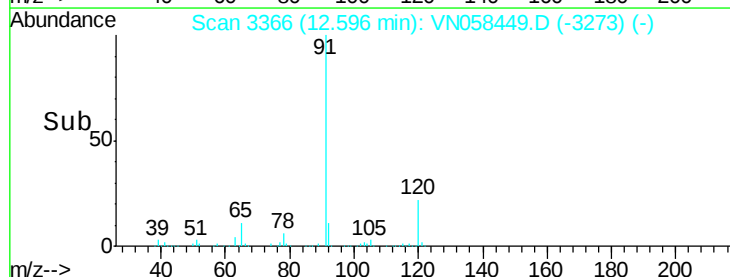
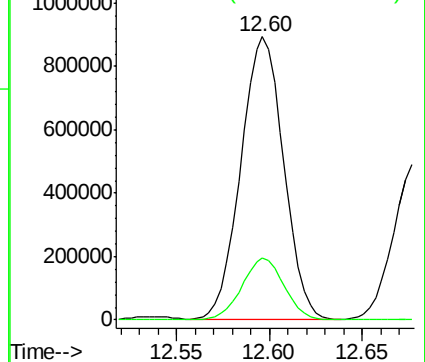
91 100

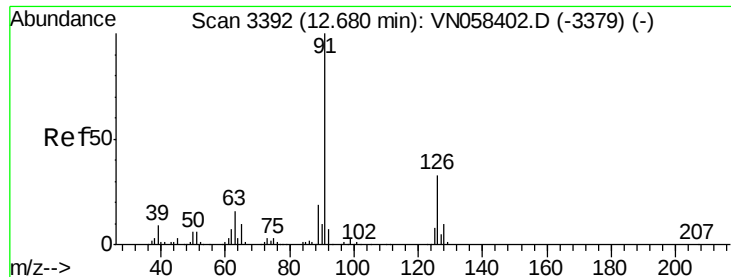
120 21.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.695 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

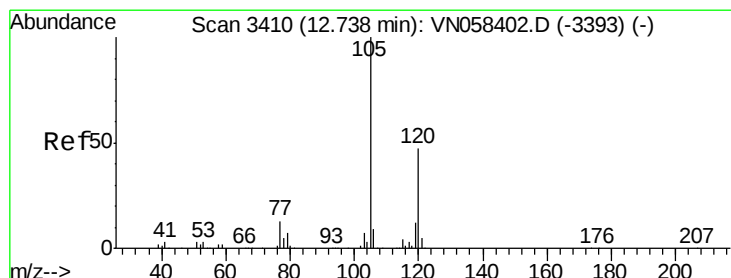
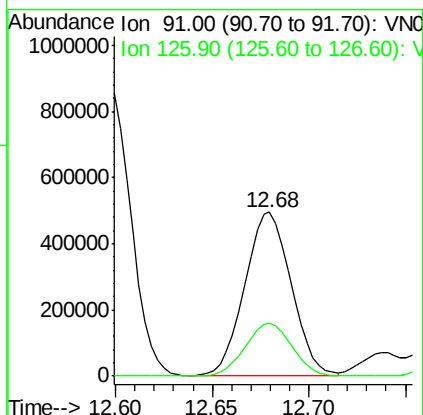
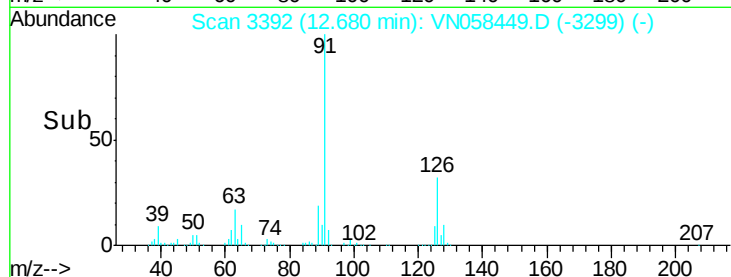
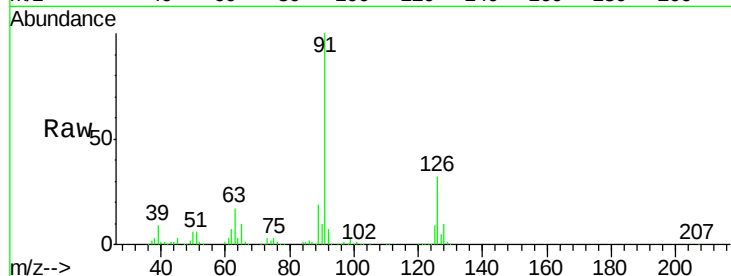
VSTDCCC050EC

Tot Ion: 91 Resp: 825416

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 52.376 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058449.D

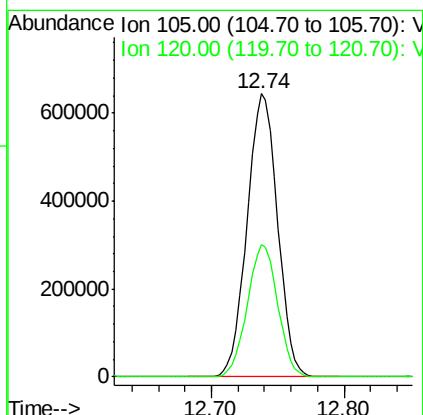
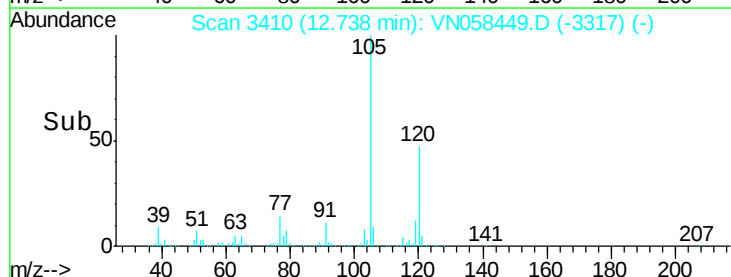
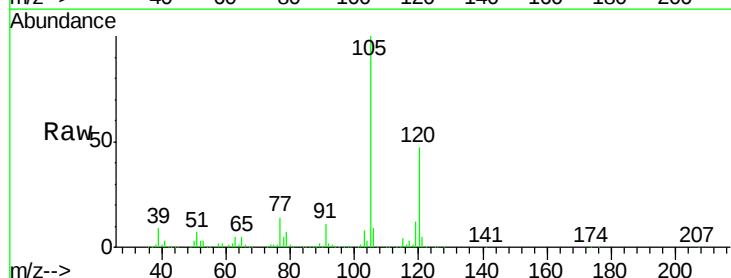
Acq: 30 Sep 2019 20:20

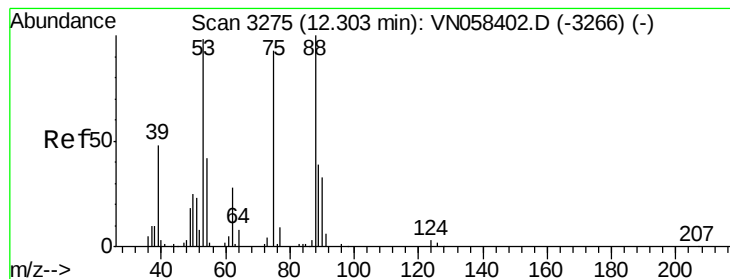
Tgt Ion: 105 Resp: 1026584

Ion Ratio Lower Upper

105 100

120 46.8 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.681 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

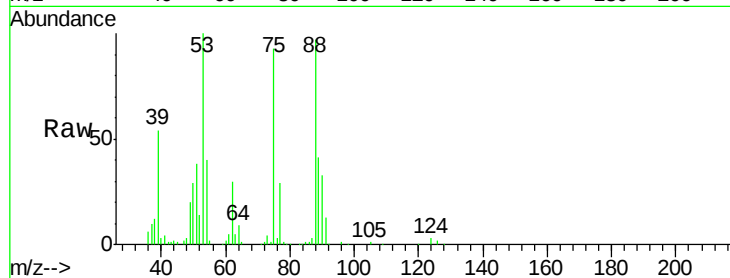
Tot Ion: 75 Resp: 98472

Ion Ratio Lower Upper

75 100

53 109.1 85.4 128.0

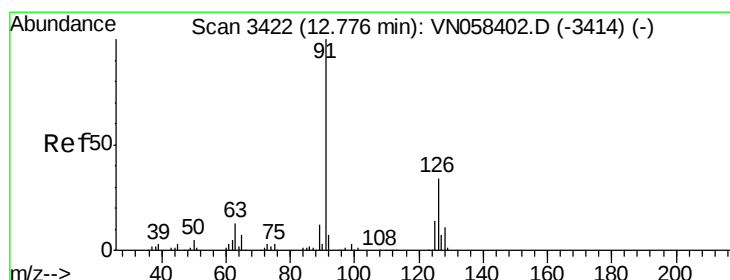
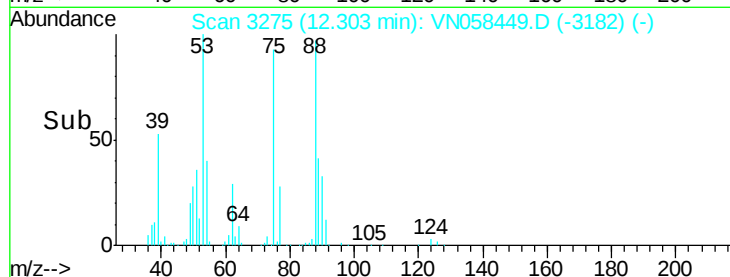
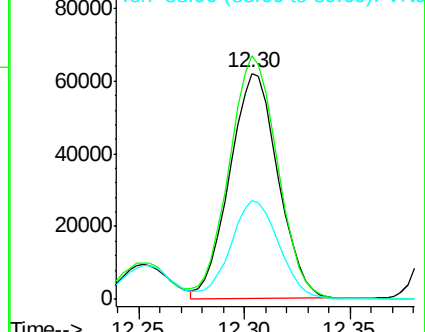
89 43.9 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.325 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058449.D

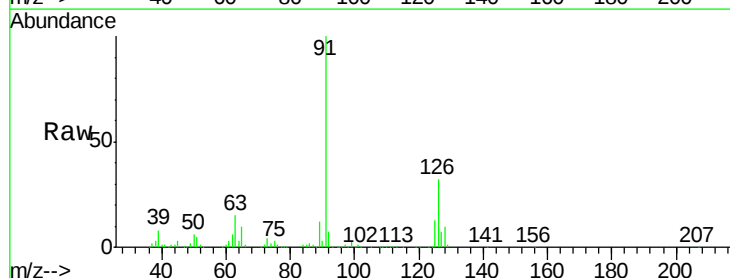
Acq: 30 Sep 2019 20:20

Tgt Ion: 91 Resp: 852727

Ion Ratio Lower Upper

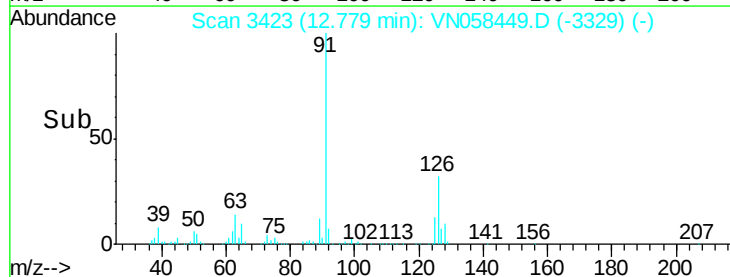
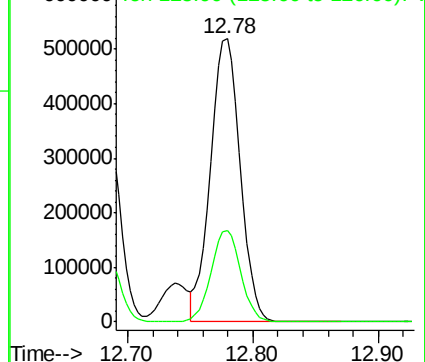
91 100

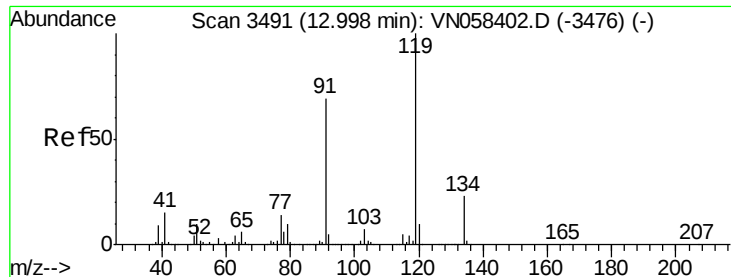
126 32.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

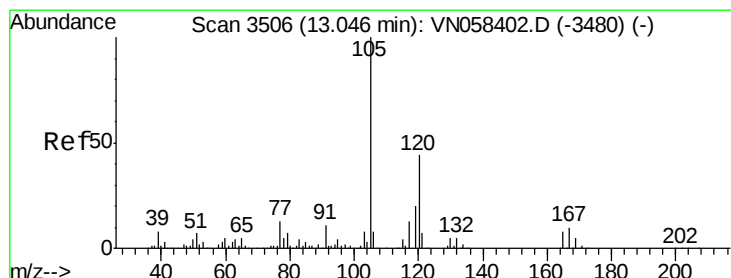
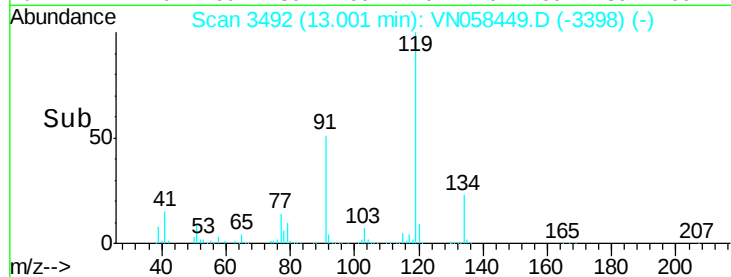
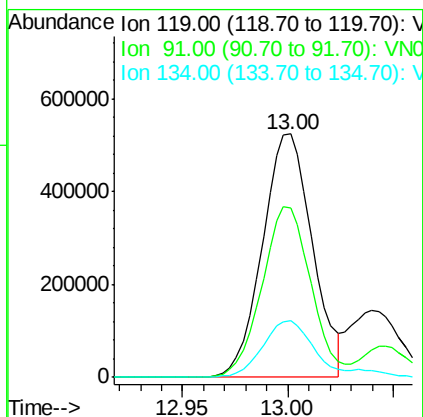
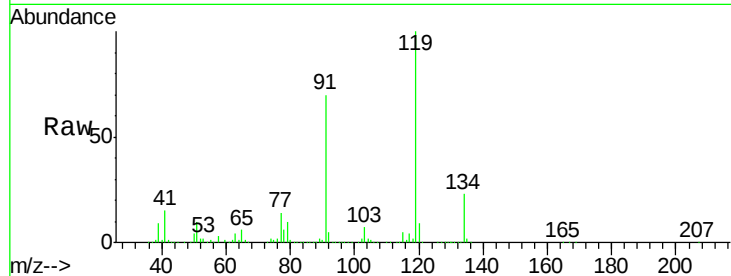




#83  
 tert-Butylbenzene  
 Concen: 52.284 ug/l  
 RT: 13.00 min Scan# 3492  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

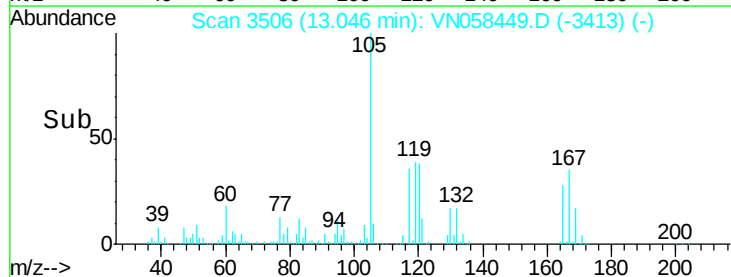
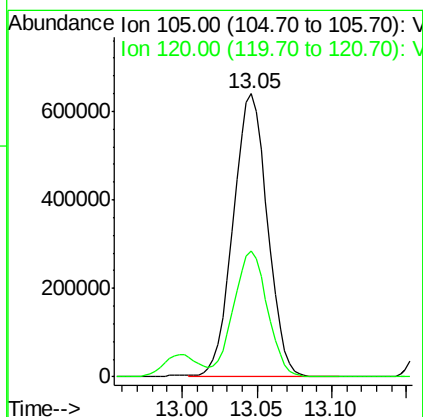
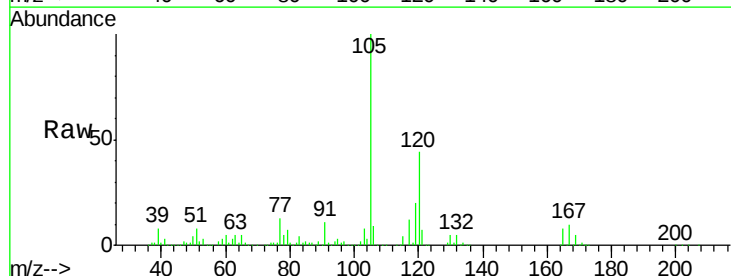
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

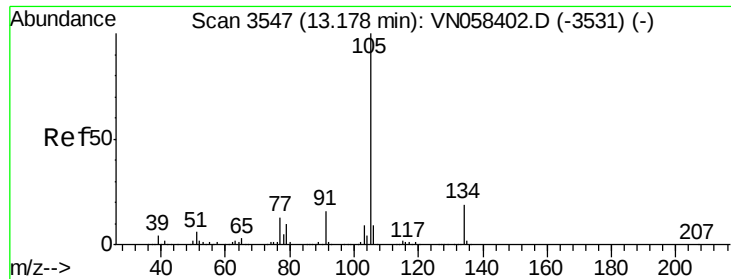
Tot Ion:119 Resp: 864724  
 Ion Ratio Lower Upper  
 119 100  
 91 68.5 34.2 102.6  
 134 23.3 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.906 ug/l  
 RT: 13.05 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Tgt Ion:105 Resp: 1019319  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 21.7 65.1

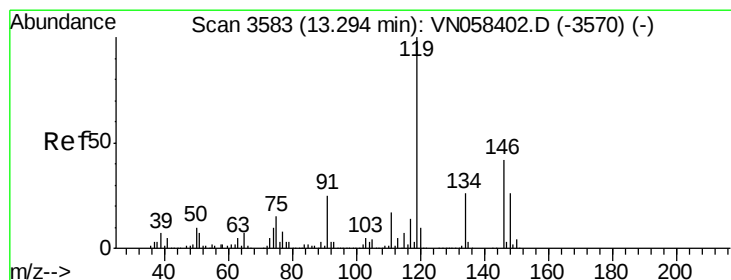
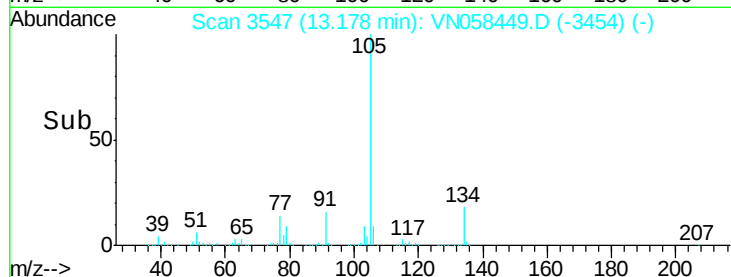
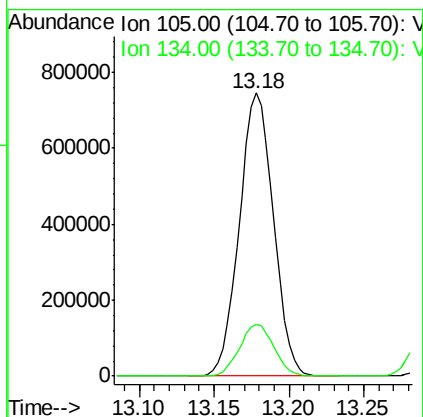
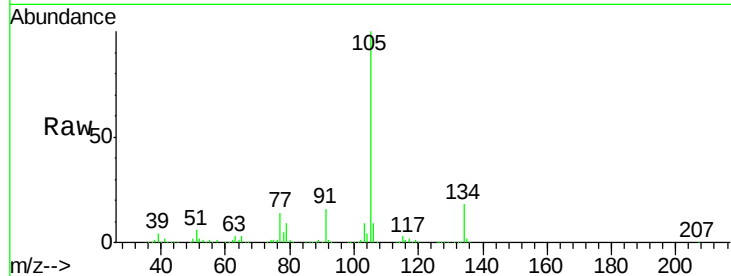




#85  
 sec-Butylbenzene  
 Concen: 54.220 ug/l  
 RT: 13.18 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

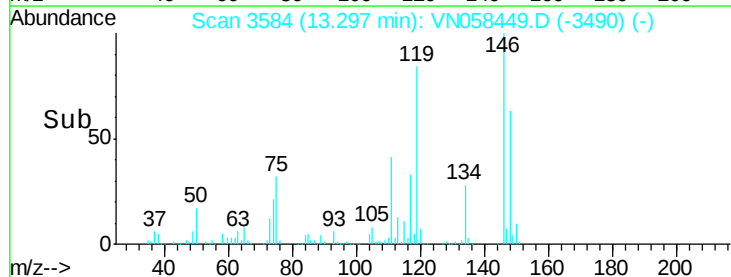
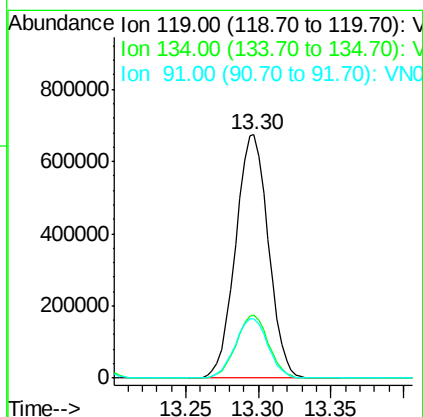
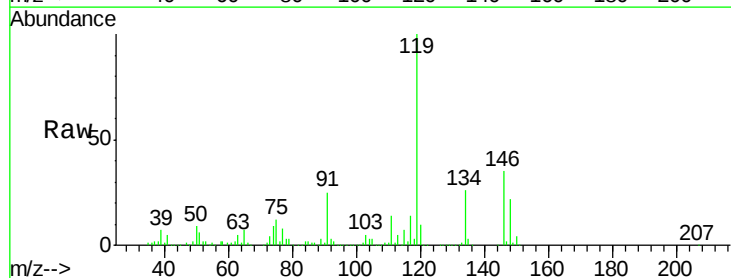
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

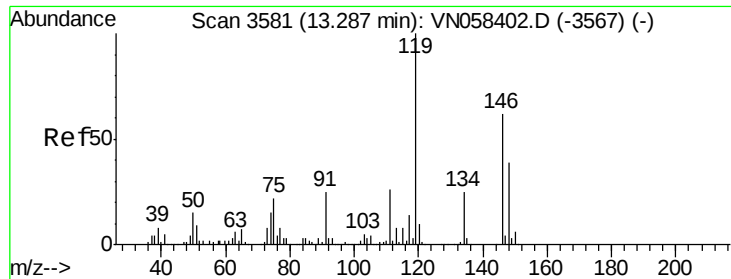
Tot Ion:105 Resp: 1180304  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.4 28.2



#86  
 p-Isopropyltoluene  
 Concen: 54.970 ug/l  
 RT: 13.30 min Scan# 3584  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Tgt Ion:119 Resp: 1053330  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 13.0 39.0  
 91 24.6 12.4 37.0

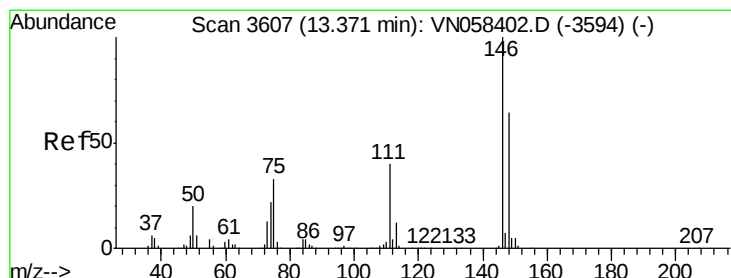
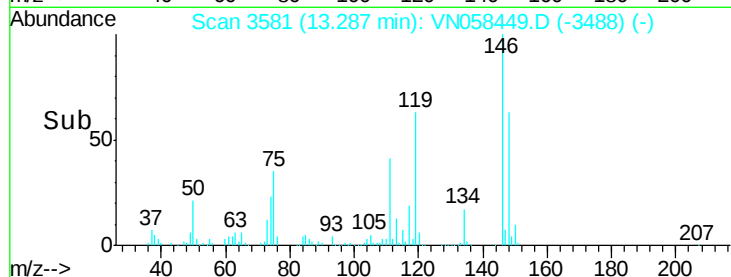
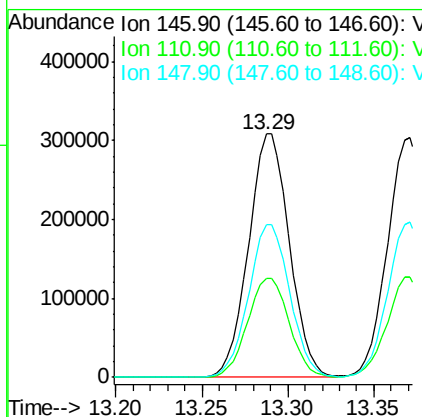
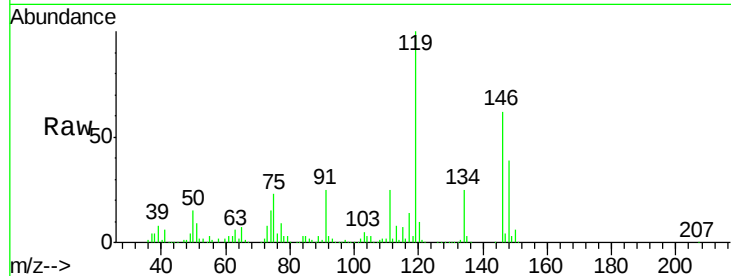




#87  
 1,3-Dichlorobenzene  
 Concen: 50.936 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

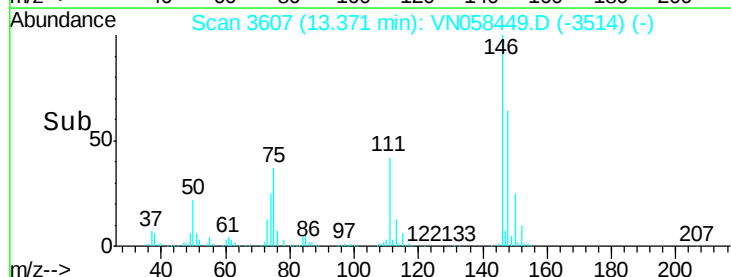
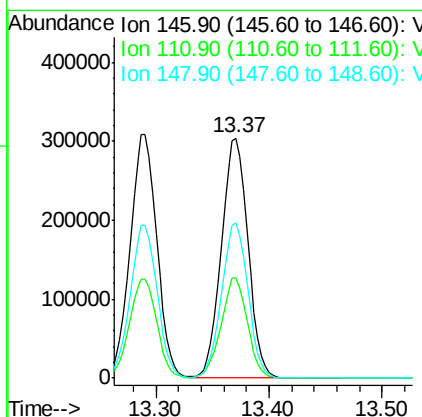
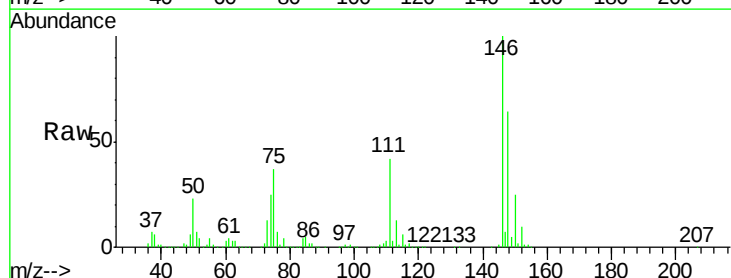
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

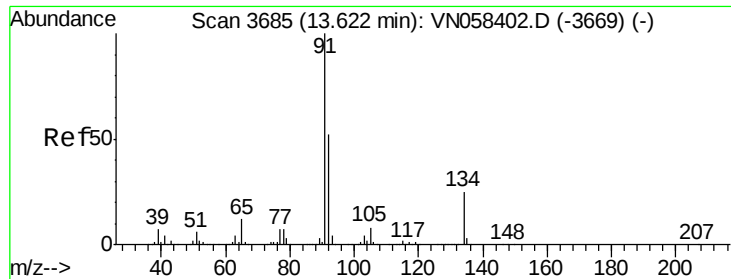
Tot Ion:146 Resp: 507075  
 Ion Ratio Lower Upper  
 146 100  
 111 41.6 20.8 62.4  
 148 63.3 31.4 94.3



#88  
 1,4-Dichlorobenzene  
 Concen: 50.317 ug/l  
 RT: 13.37 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

Tgt Ion:146 Resp: 498375  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 20.5 61.6  
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 54.542 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

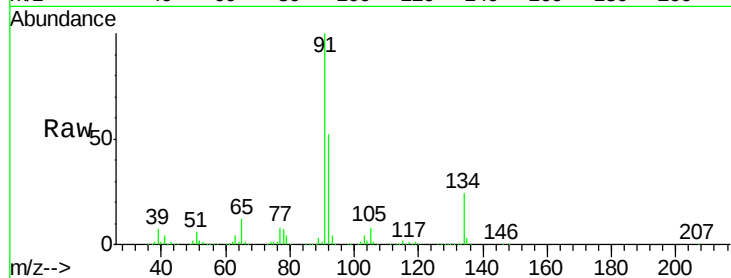
Tot Ion: 91 Resp: 946707

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.1

134 24.0 12.2 36.6

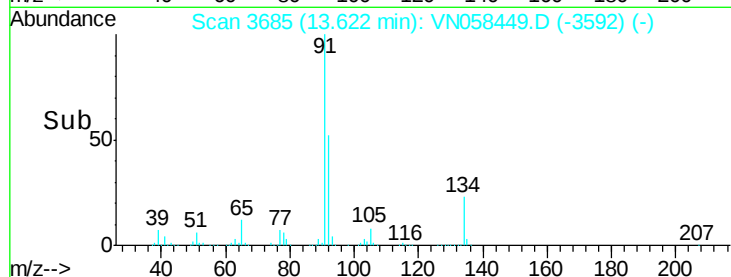


Abundance Ion 91.00 (90.70 to 91.70): VN058449.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN058449.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN058449.D (-3685) (-)

Time--> 13.50 13.60 13.70

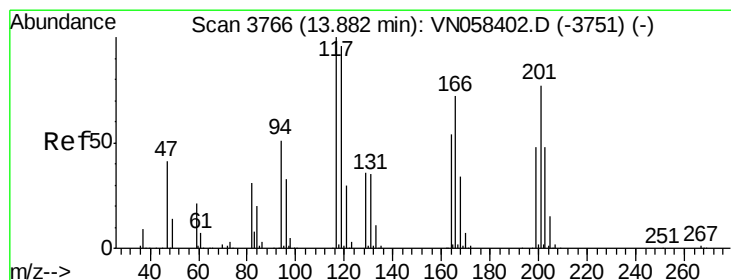


Abundance Ion 91.00 (90.70 to 91.70): VN058449.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN058449.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN058449.D (-3685) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 57.945 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058449.D

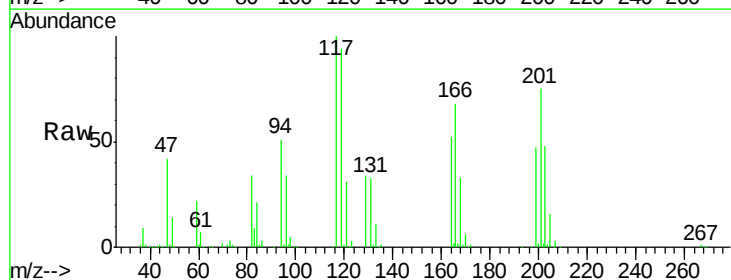
Acq: 30 Sep 2019 20:20

Tgt Ion: 117 Resp: 166823

Ion Ratio Lower Upper

117 100

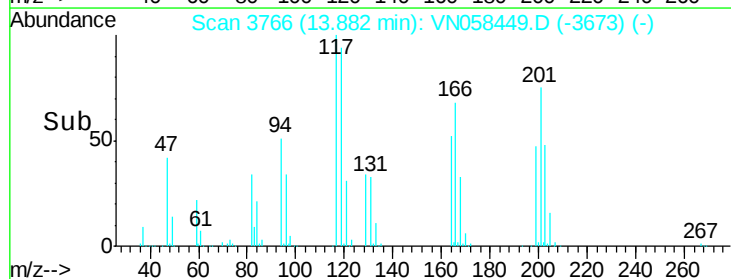
201 74.9 38.6 116.0



Abundance Ion 116.80 (116.50 to 117.50): VN058449.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN058449.D (-3766) (-)

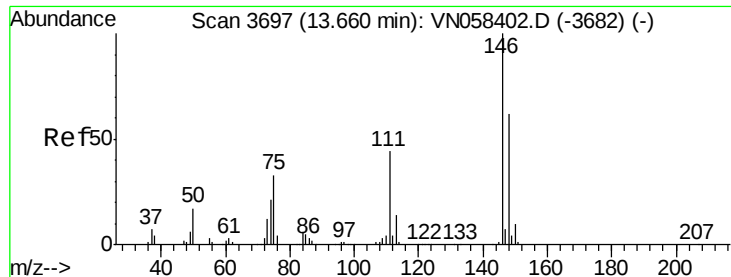
Time--> 13.80 13.85 13.90 13.95



Abundance Ion 116.80 (116.50 to 117.50): VN058449.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN058449.D (-3766) (-)

Time--> 13.80 13.85 13.90 13.95



#91

1,2-Dichlorobenzene

Concen: 52.024 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

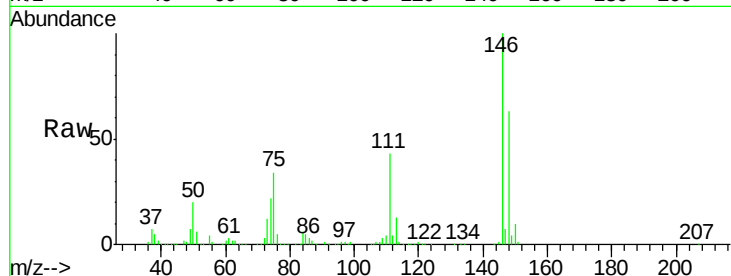
Tot Ion:146 Resp: 497620

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

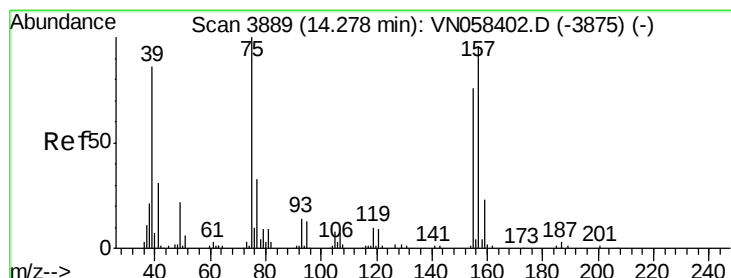
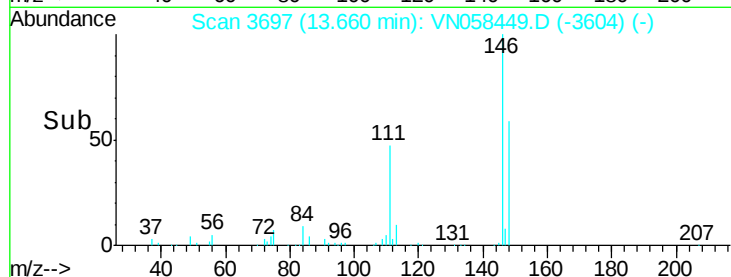
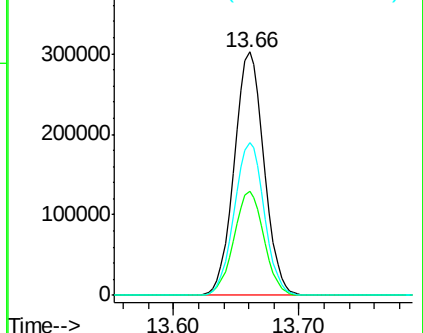
148 63.5 31.5 94.5



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: 56.642 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

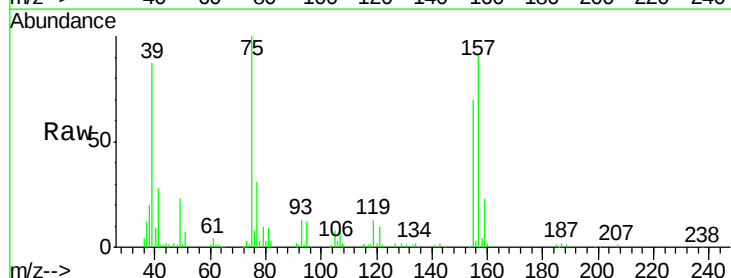
Tgt Ion: 75 Resp: 69158

Ion Ratio Lower Upper

75 100

155 73.4 39.2 117.6

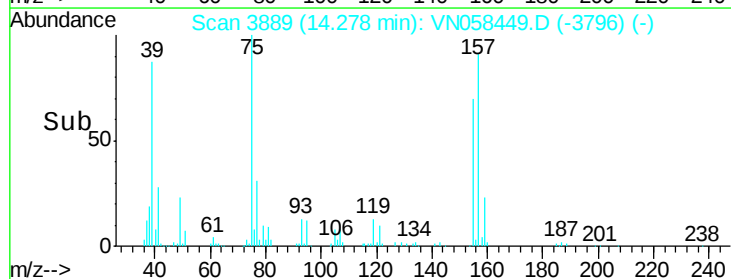
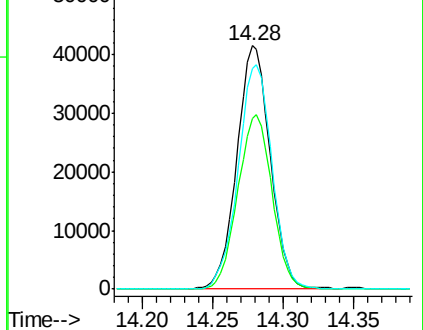
157 93.2 48.7 146.1

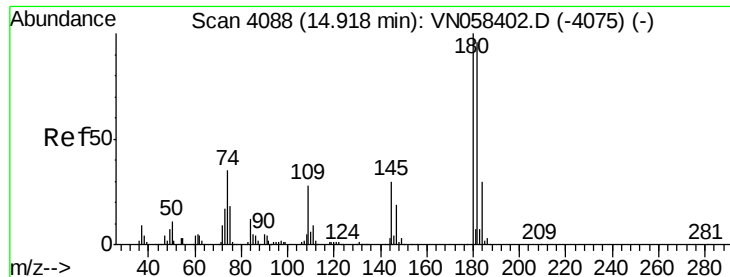


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

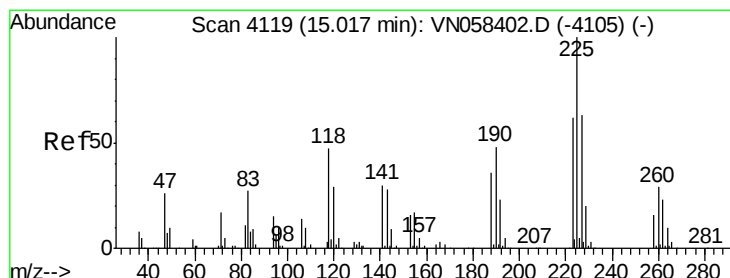
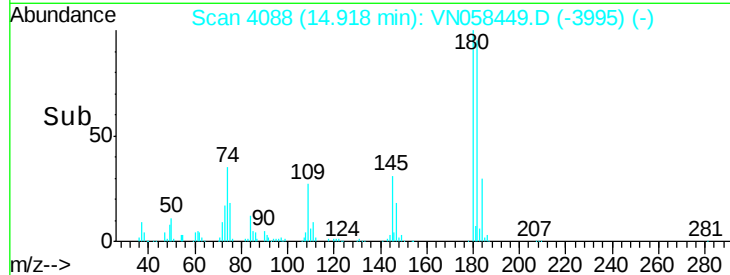
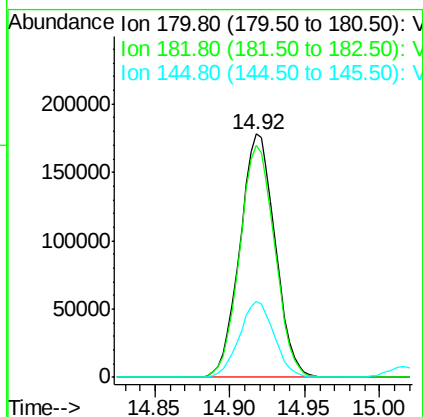
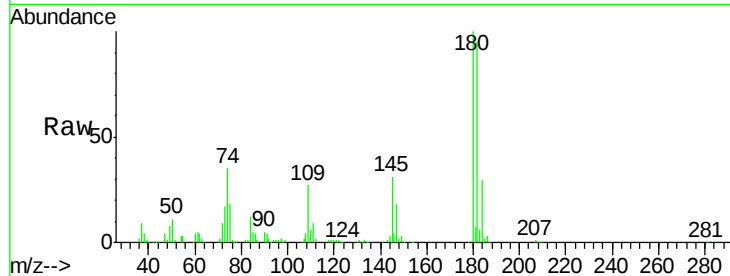




#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.288 ug/l  
 RT: 14.92 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

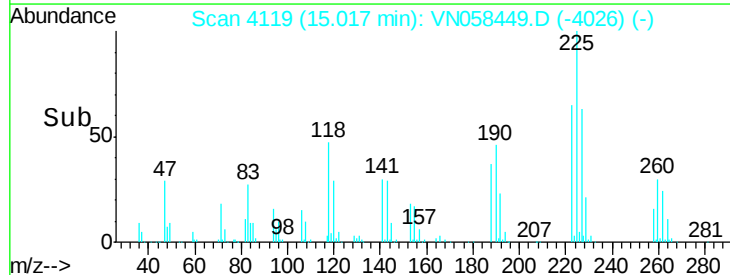
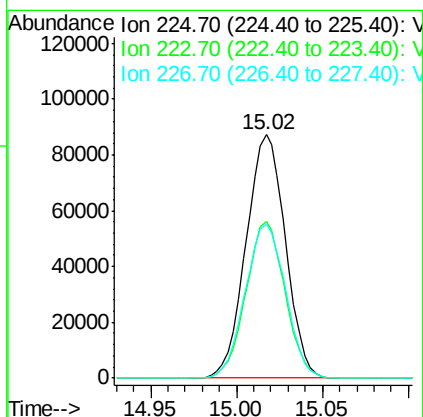
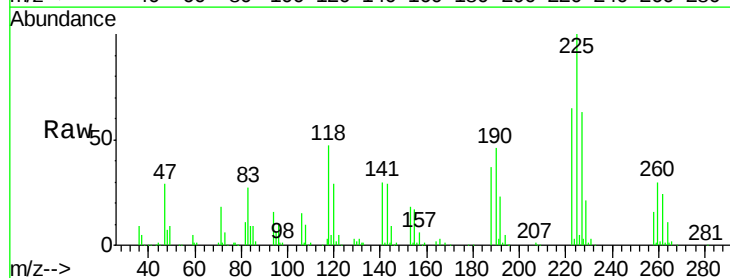
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

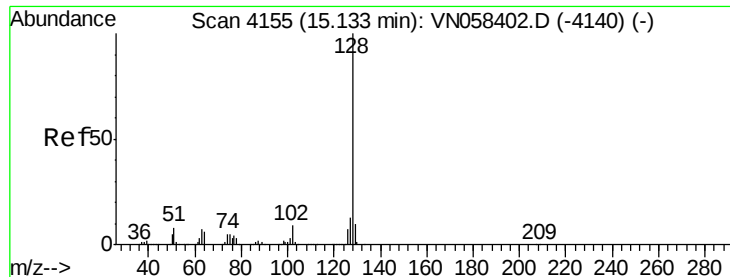
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 47.4  | 142.3 |
| 145     | 30.9  | 15.3  | 45.9  |



#94  
 Hexachlorobutadiene  
 Concen: 50.886 ug/l  
 RT: 15.02 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN058449.D  
 Acq: 30 Sep 2019 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.8  | 31.1  | 93.5  |
| 227     | 65.0  | 31.4  | 94.2  |





#95

Naphthalene

Concen: 50.940 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

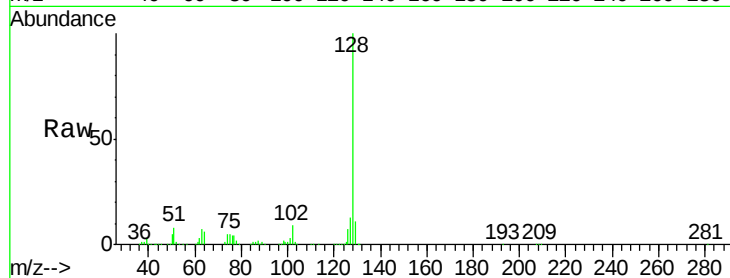
Tot Ion:128 Resp: 788515

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

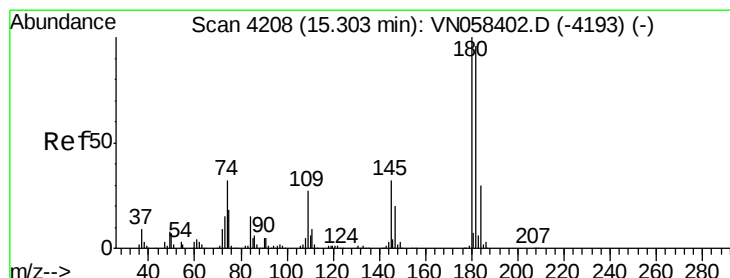
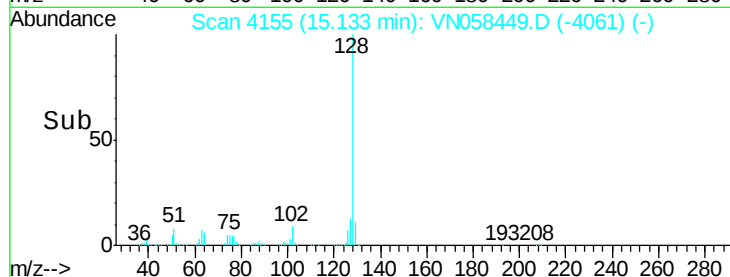
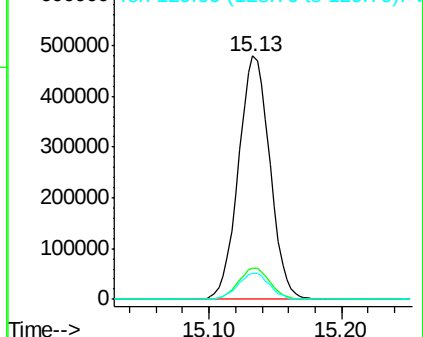
129 10.9 8.3 12.5



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: 52.584 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

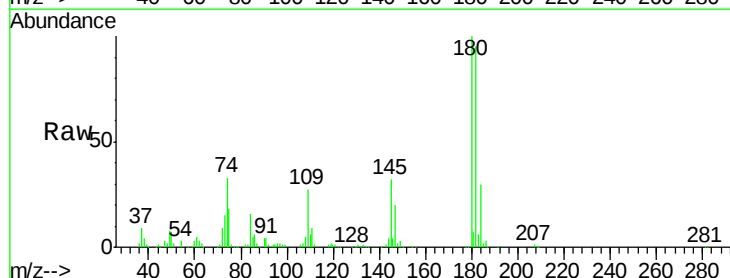
Tgt Ion:180 Resp: 278652

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.9

145 32.2 16.1 48.3



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

