

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050819\  
 Data File : VN055478.D  
 Acq On : 8 May 2019 16:34  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: May 09 03:42:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 03:36:06 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 714779   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1237841  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1040536  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 353774   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 52398    | 5.43 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.86% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 37582    | 4.61 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.22%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 141779   | 4.74 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.48%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 47068    | 4.99 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.98%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 38269    | 4.567  | ug/l   | 97     |
| 3) Chloromethane              | 2.06 | 50   | 61138    | 5.597  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.19 | 62   | 57014    | 6.264  | ug/l   | 99     |
| 5) Bromomethane               | 2.54 | 94   | 31771    | 6.516  | ug/l   | 96     |
| 6) Chloroethane               | 2.69 | 64   | 32657    | 6.531  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 61538    | 4.955  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.41 | 74   | 28351    | 6.277  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 40160    | 5.393  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.94 | 142  | 47447    | 4.540  | ug/l # | 94     |
| 11) Tert butyl alcohol        | 4.82 | 59   | 36323    | 48.320 | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 39357    | 5.479  | ug/l   | 96     |
| 13) Acrolein                  | 3.61 | 56   | 29623    | 54.942 | ug/l   | 99     |
| 14) Allyl chloride            | 4.32 | 41   | 76187    | 5.122  | ug/l   | 97     |
| 15) Acrylonitrile             | 5.00 | 53   | 118075   | 35.428 | ug/l   | 98     |
| 16) Acetone                   | 3.83 | 43   | 123400   | 37.865 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.04 | 76   | 102421   | 5.439  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 58367    | 6.479  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 128298   | 6.170  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 52849    | 5.810  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 42122    | 5.520  | ug/l   | 94     |
| 22) Diisopropyl ether         | 5.96 | 45   | 160111   | 5.388  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.90 | 43   | 583900   | 29.046 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 86433    | 5.459  | ug/l   | 97     |
| 25) 2-Butanone                | 6.84 | 43   | 163953   | 38.296 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 52602    | 4.880  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.82 | 96   | 46851    | 5.370  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.19 | 49   | 42748    | 5.295  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 111149   | 40.524 | ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83   | 80709    | 5.397  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 96237    | 6.338  | ug/l # | 89     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 59517    | 4.947  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 59674    | 4.955  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.94 | 43   | 64358    | 6.483  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 49595    | 4.391  | ug/l   | 95     |

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 Data File : VN055478.D  
 Acq On : 8 May 2019 16:34  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: May 09 03:42:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 03:36:06 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 73657    | 5.677   | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 183995   | 5.170   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 24635    | 4.803   | ug/l # | 85       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 65850    | 5.247   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 93526    | 5.961   | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 44472    | 4.962   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 53575    | 5.239   | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 30829    | 5.450   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 56198    | 4.722   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 44347    | 5.783   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 18506    | 194.287 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 312688   | 34.151  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 105671   | 5.170   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 49862    | 4.746   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 62946    | 4.840   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 43388    | 5.647   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 60424    | 6.147   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 74366    | 5.496   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 81106    | 30.408  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 222536   | 37.703  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 35698    | 4.647   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 39672    | 5.533   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 42591    | 4.976   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 103468   | 5.021   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 35729    | 4.511   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 199130   | 5.327   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 141496   | 10.579  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 69353    | 5.230   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 104255   | 5.094   | ug/l   | 97       |
| 71) Bromoform                  | 12.13 | 173  | 20978    | 4.639   | ug/l # | 95       |
| 73) Isopropylbenzene           | 12.25 | 105  | 179905   | 5.065   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 64798    | 6.610   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 61118    | 6.501   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 67678    | 8.010   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 39292    | 4.891   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.59 | 91   | 194101   | 5.279   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 124763   | 5.305   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 150019   | 5.337   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 13128    | 6.482   | ug/l   | 86       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 115359   | 5.376   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 131453   | 5.234   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 128755   | 5.123   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 167649   | 5.469   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 133882   | 5.321   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 57789    | 4.829   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 57382    | 5.089   | ug/l   | 93       |
| 89) n-Butylbenzene             | 13.61 | 91   | 94513    | 5.210   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 21819    | 4.664   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 58299    | 4.910   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 7337     | 7.064   | ug/l   | 96       |

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Data File : VN055478.D  
Acq On : 8 May 2019 16:34  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

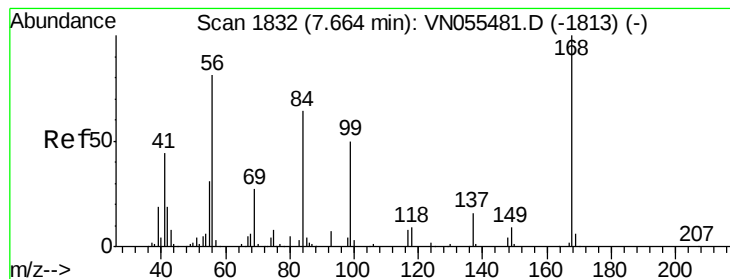
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Quant Time: May 09 03:42:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 03:36:06 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 16733    | 4.417 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 22204    | 5.098 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 47464    | 5.397 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 18239    | 4.593 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

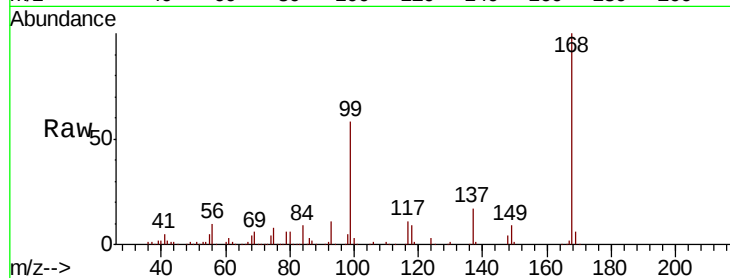
VSTDIC005

Tot Ion:168 Resp: 714779

Ion Ratio Lower Upper

168 100

99 57.9 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

300000

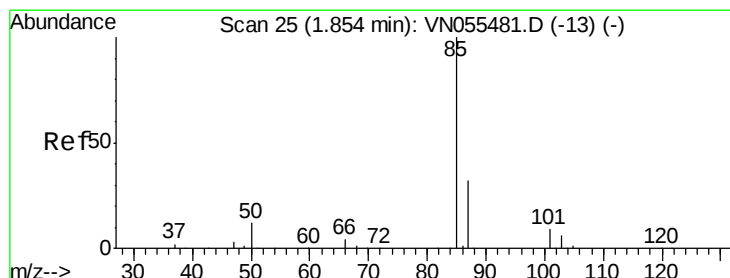
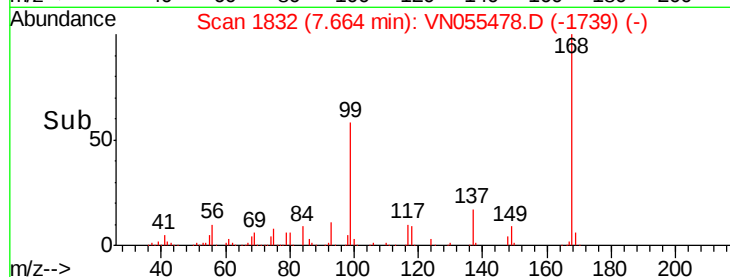
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 4.567 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055478.D

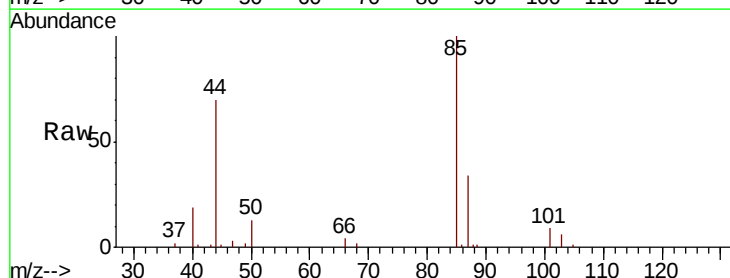
Acq: 8 May 2019 16:34

Tgt Ion: 85 Resp: 38269

Ion Ratio Lower Upper

85 100

87 33.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

30000

25000

20000

15000

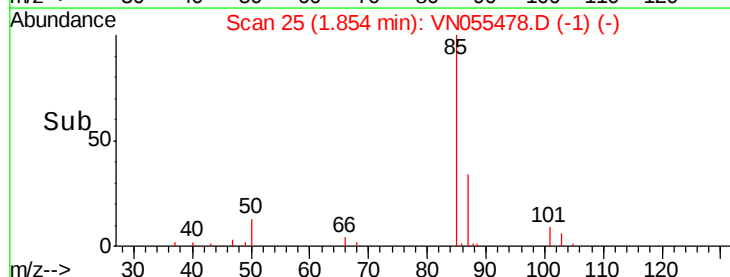
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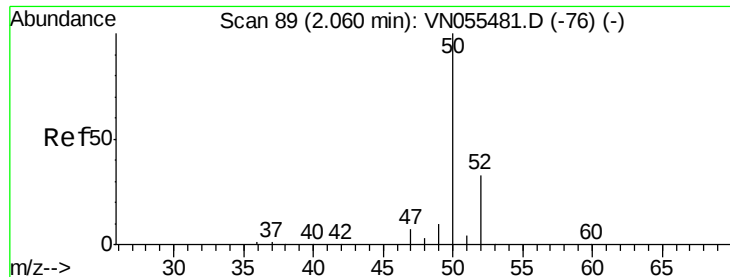
5000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 5.597 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

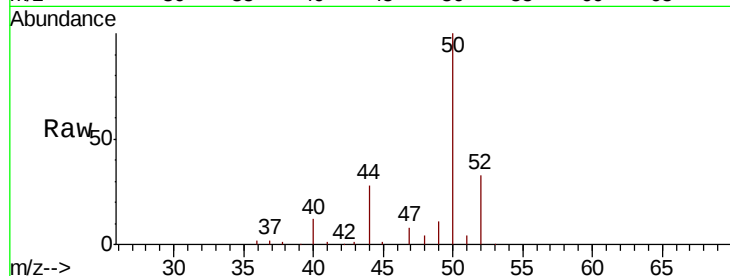
VSTDIC005

Tot Ion: 50 Resp: 61138

Ion Ratio Lower Upper

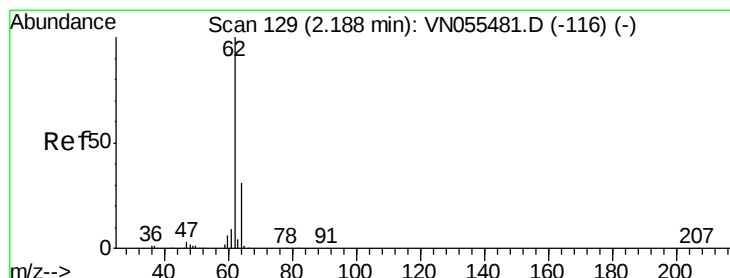
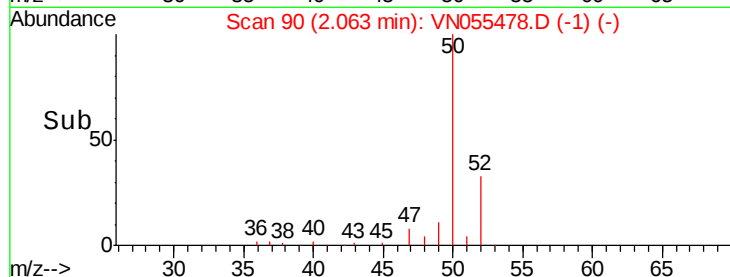
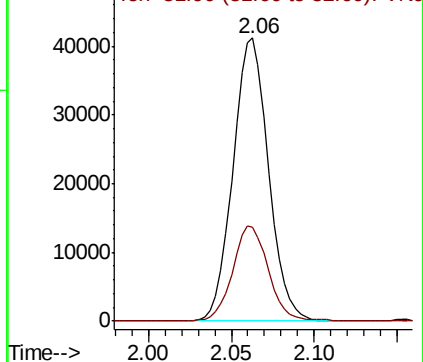
50 100

52 33.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 6.264 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055478.D

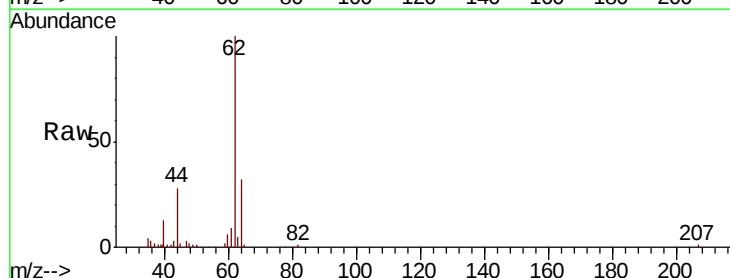
Acq: 8 May 2019 16:34

Tgt Ion: 62 Resp: 57014

Ion Ratio Lower Upper

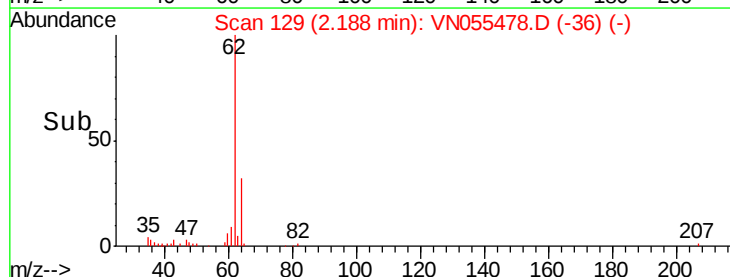
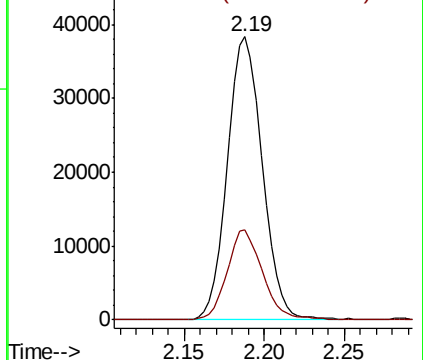
62 100

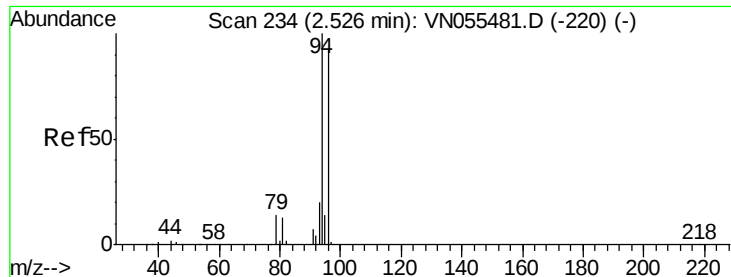
64 31.8 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 6.516 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

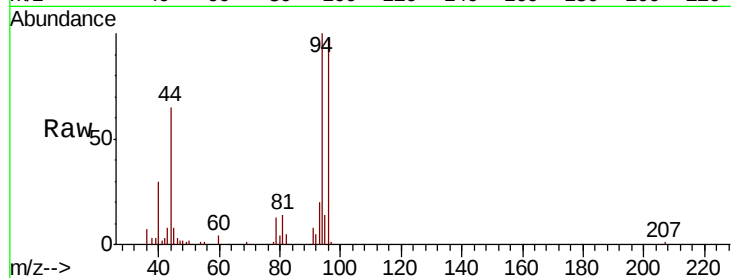
VSTDIC005

Tot Ion: 94 Resp: 31771

Ion Ratio Lower Upper

94 100

96 97.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

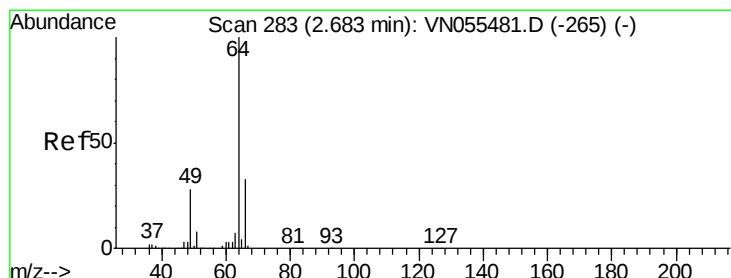
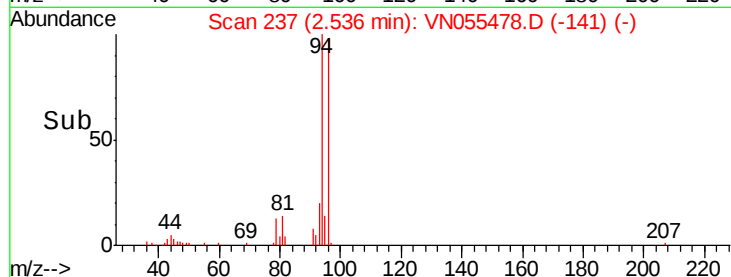
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 6.531 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN055478.D

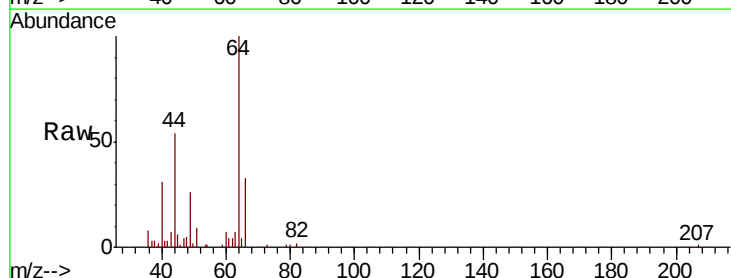
Acq: 8 May 2019 16:34

Tgt Ion: 64 Resp: 32657

Ion Ratio Lower Upper

64 100

66 33.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

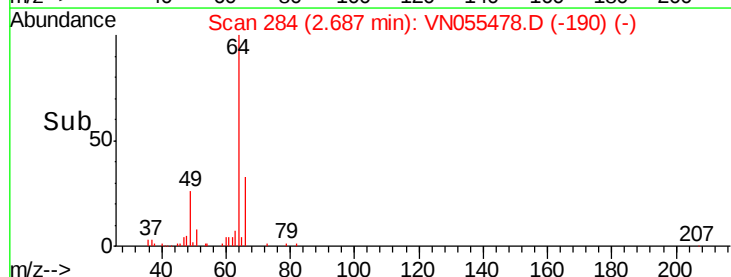
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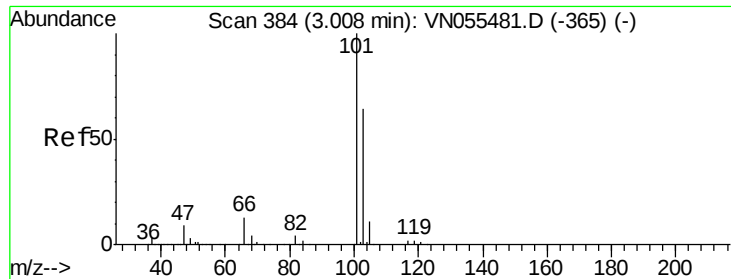
10000

5000

0

Time--> 2.60 2.65 2.70 2.75



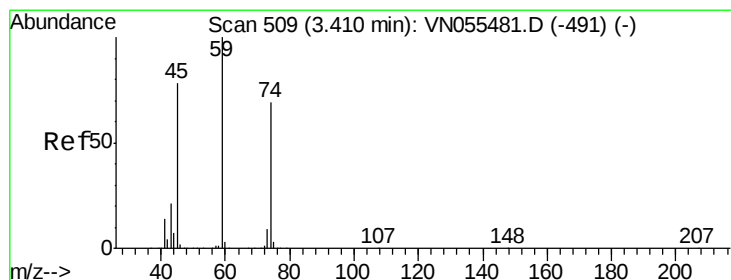
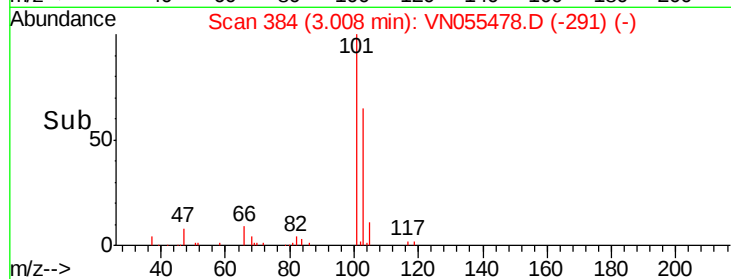
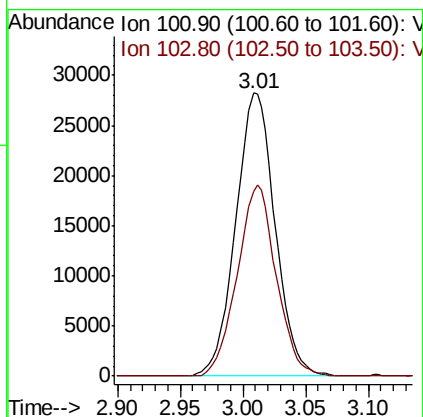
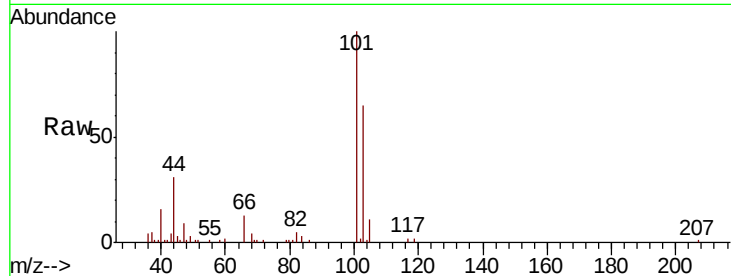


#7

Trichlorofluoromethane  
 Concen: 4.955 ug/l  
 RT: 3.01 min Scan# 384  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

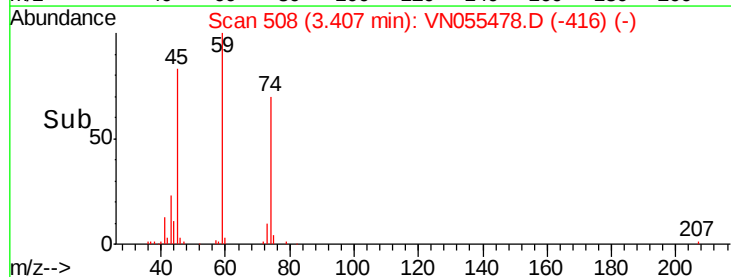
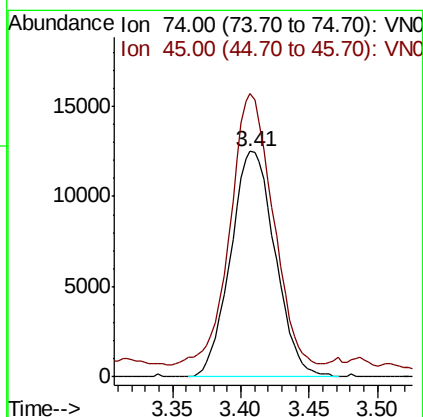
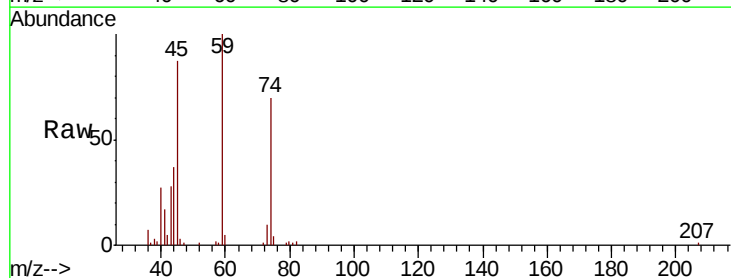
Tot Ion:101 Resp: 61538  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 51.2 76.8

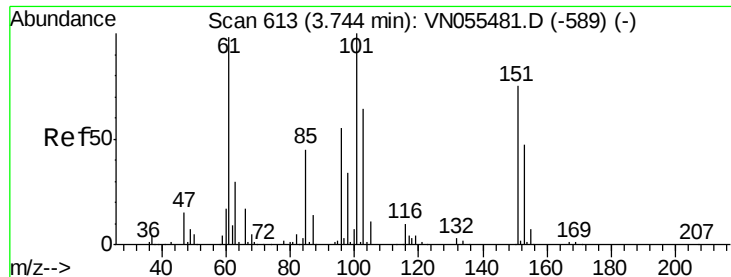


#8

Diethyl Ether  
 Concen: 6.277 ug/l  
 RT: 3.41 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion: 74 Resp: 28351  
 Ion Ratio Lower Upper  
 74 100  
 45 114.9 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.393 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

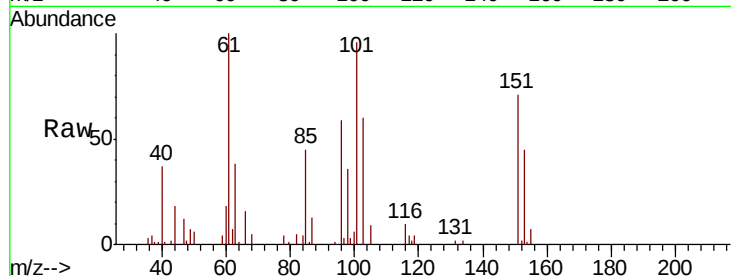
Tot Ion:101 Resp: 40160

Ion Ratio Lower Upper

101 100

85 45.8 35.5 53.3

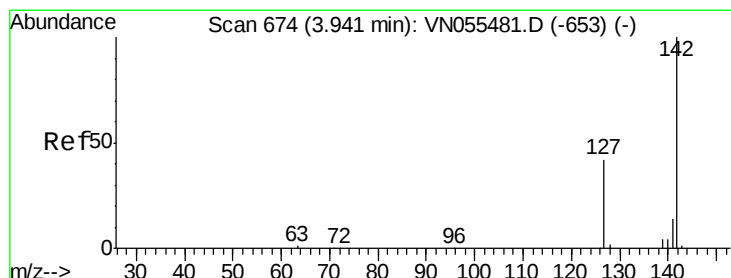
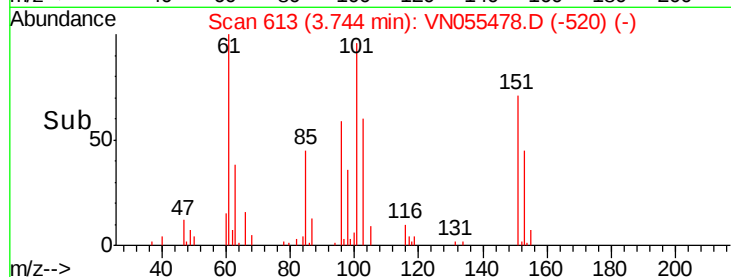
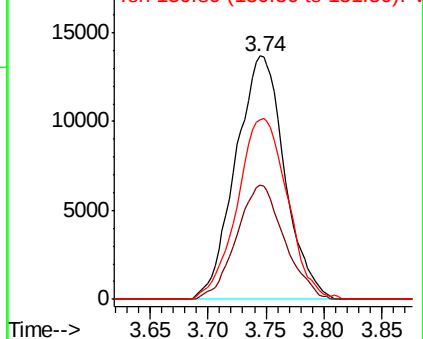
151 75.9 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.540 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

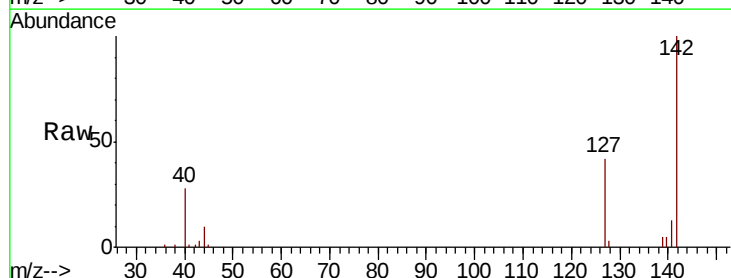
Tgt Ion:142 Resp: 47447

Ion Ratio Lower Upper

142 100

127 43.2 33.0 49.4

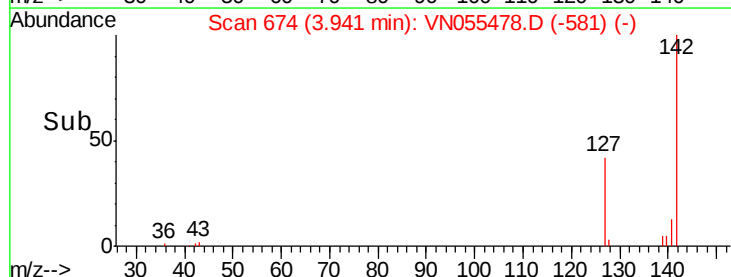
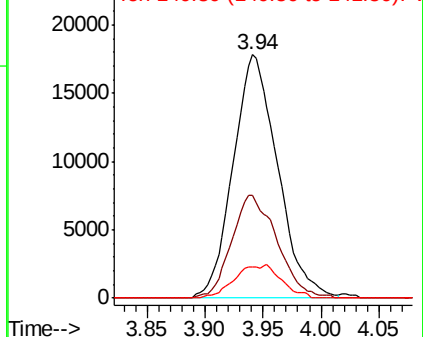
141 8.1 11.4 17.0#

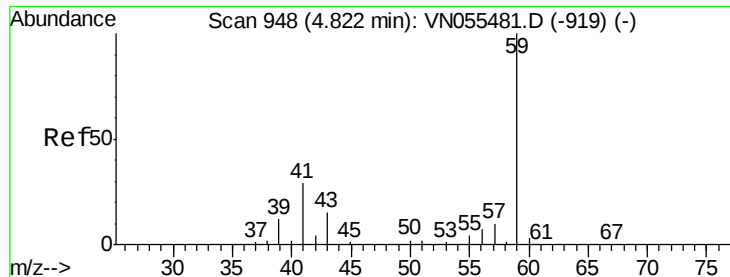


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

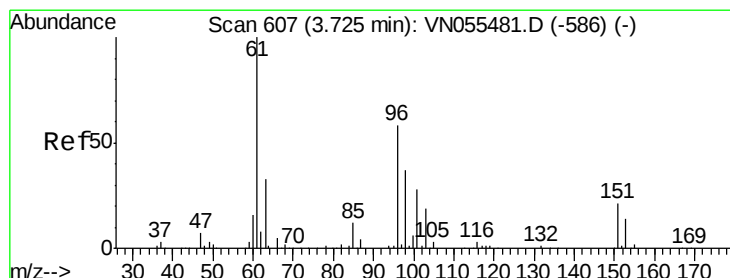
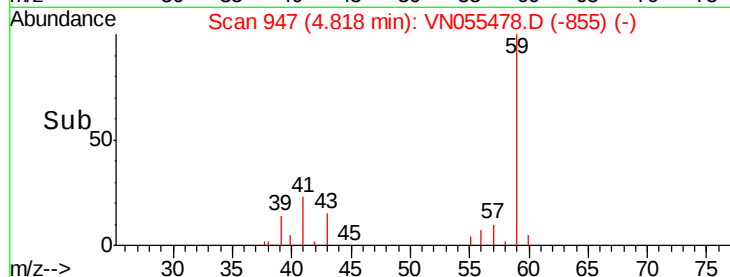
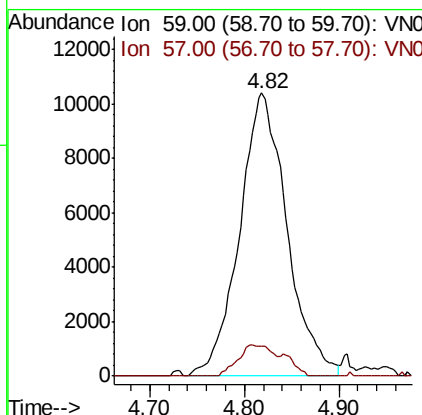
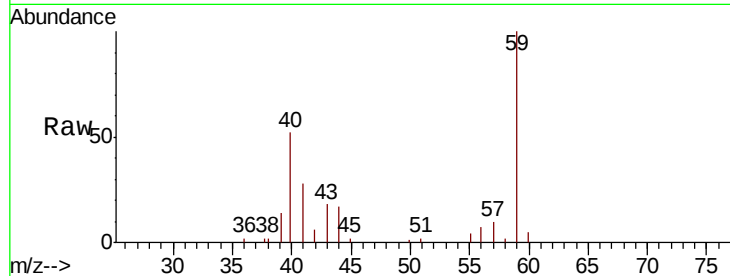




#11  
Tert butyl alcohol  
Concen: 48.320 ug/l  
RT: 4.82 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

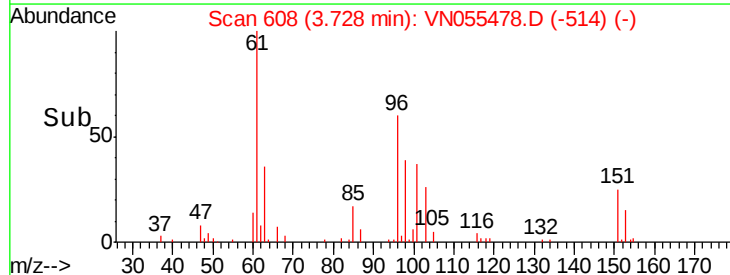
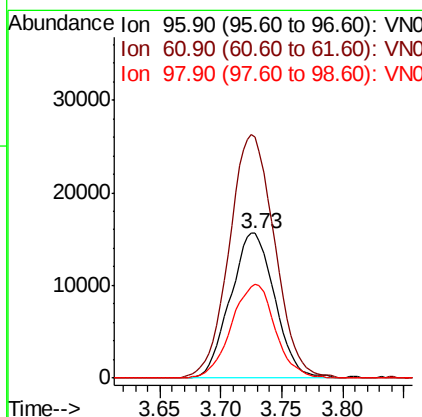
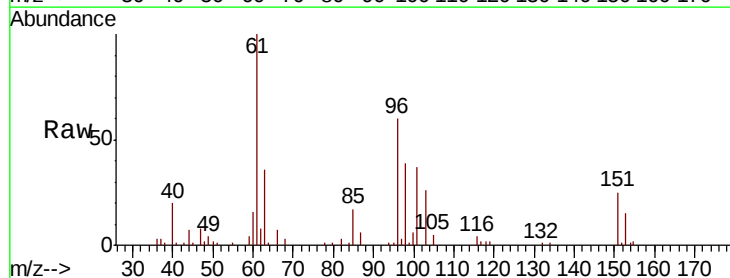
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

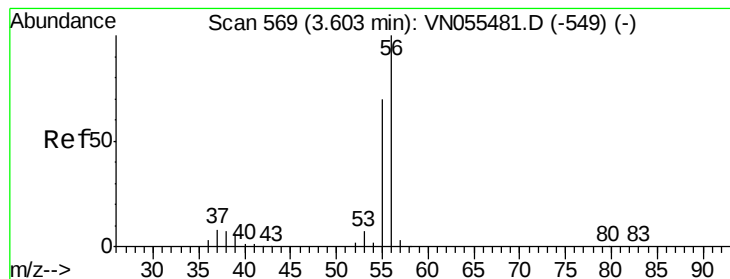
Tot Ion: 59 Resp: 36323  
Ion Ratio Lower Upper  
59 100  
57 7.9 8.0 12.0#



#12  
1,1-Dichloroethene  
Concen: 5.479 ug/l  
RT: 3.73 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion: 96 Resp: 39357  
Ion Ratio Lower Upper  
96 100  
61 166.3 138.7 208.1  
98 65.0 50.6 76.0





#13

Acrolein

Concen: 54.942 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampled :

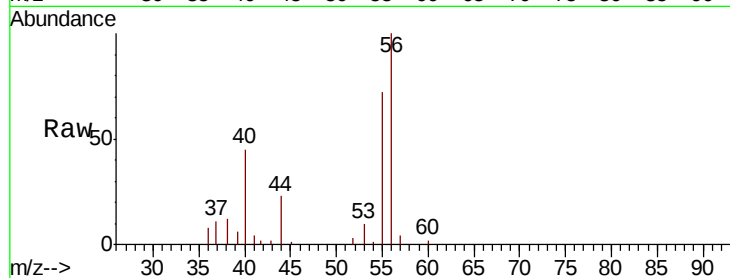
VSTDIC005

Tot Ion: 56 Resp: 29623

Ion Ratio Lower Upper

56 100

55 71.6 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

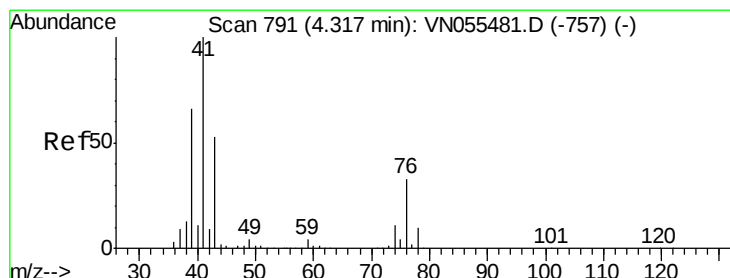
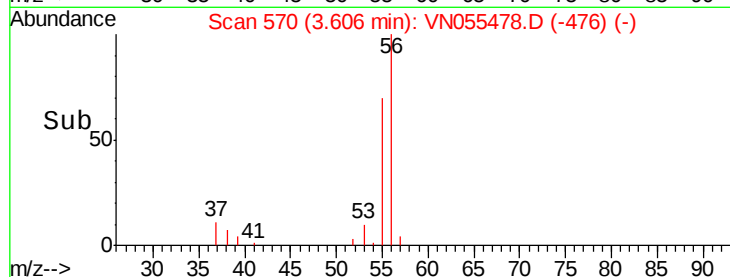
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 5.122 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

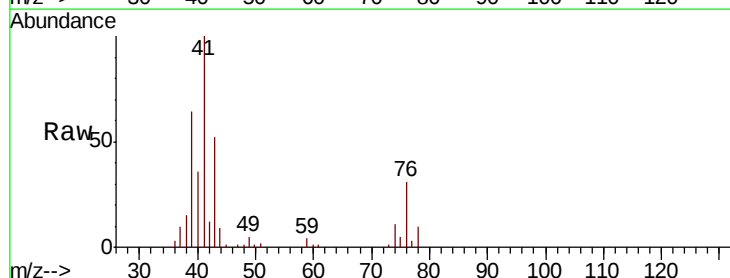
Tgt Ion: 41 Resp: 76187

Ion Ratio Lower Upper

41 100

39 65.7 49.8 74.8

76 29.6 23.5 35.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

30000

25000

20000

15000

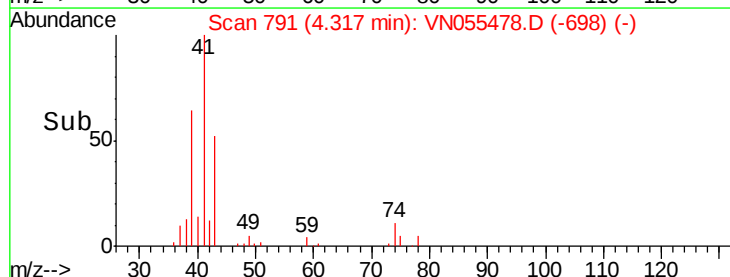
10000

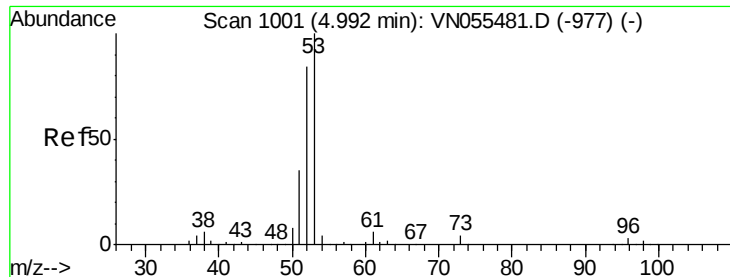
5000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 35.428 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

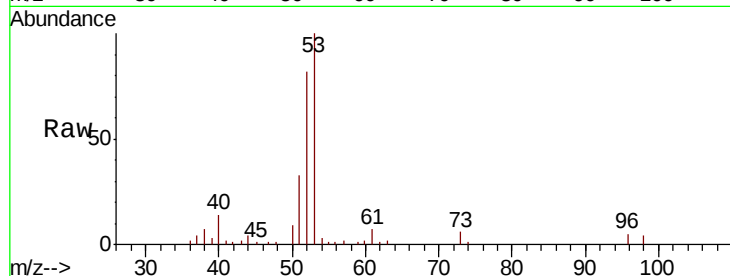
Tot Ion: 53 Resp: 118075

Ion Ratio Lower Upper

53 100

52 84.5 66.1 99.1

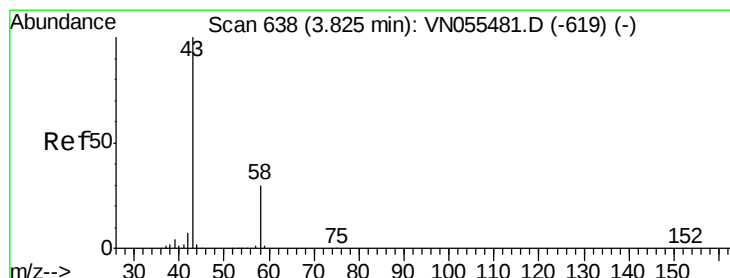
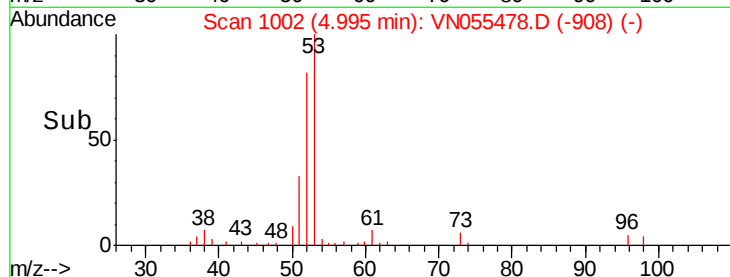
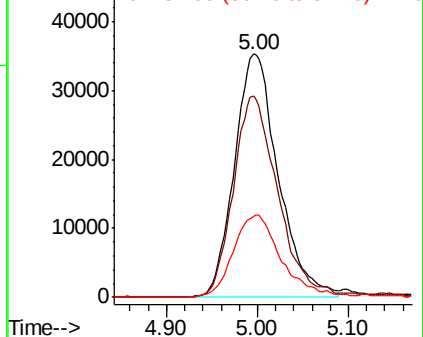
51 36.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 37.865 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.00 min

Lab File: VN055478.D

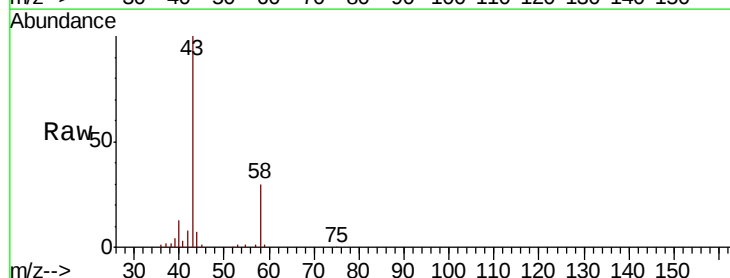
Acq: 8 May 2019 16:34

Tgt Ion: 43 Resp: 123400

Ion Ratio Lower Upper

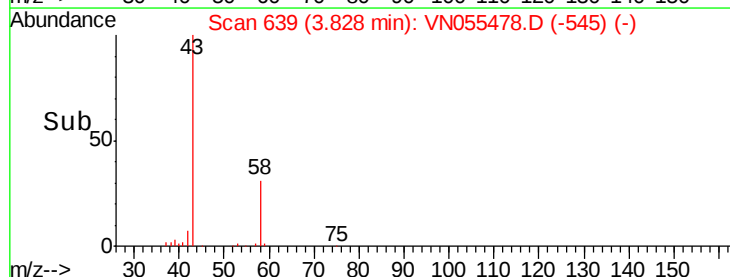
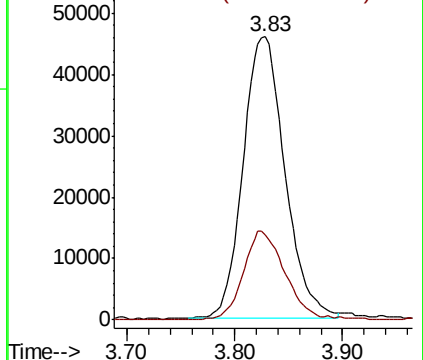
43 100

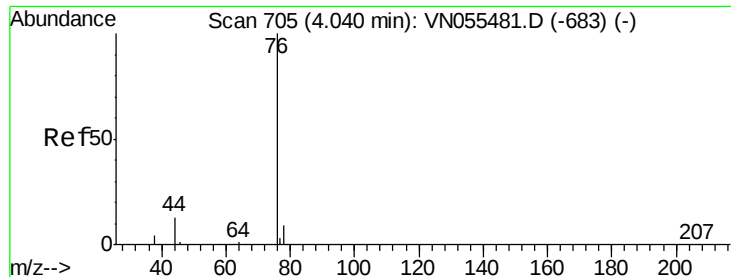
58 30.4 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

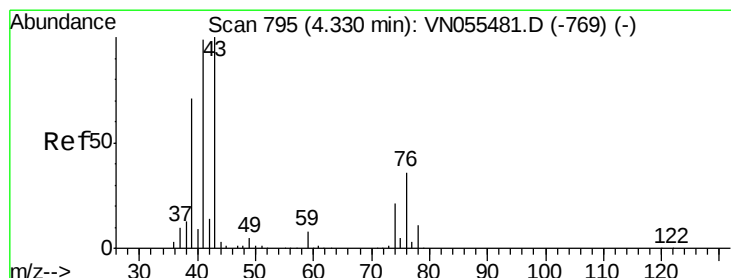
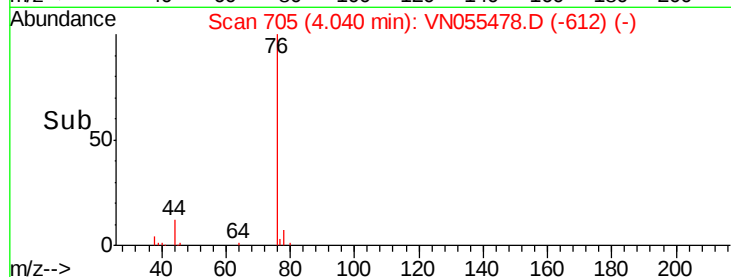
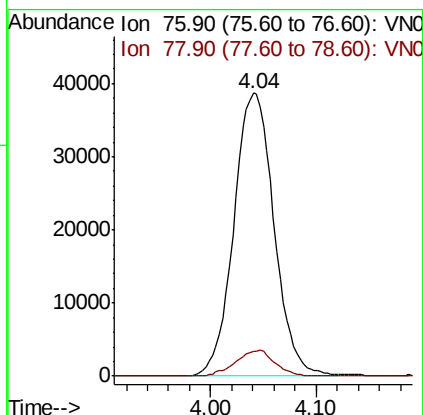
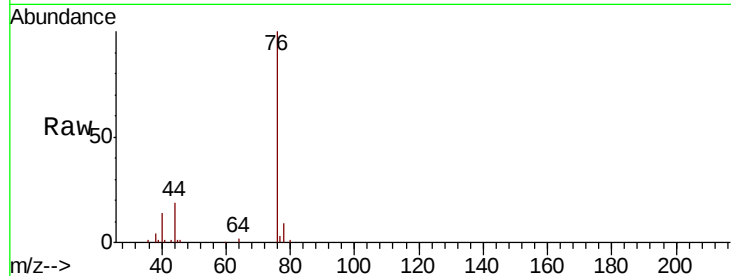




#17  
Carbon Disulfide  
Concen: 5.439 ug/l  
RT: 4.04 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

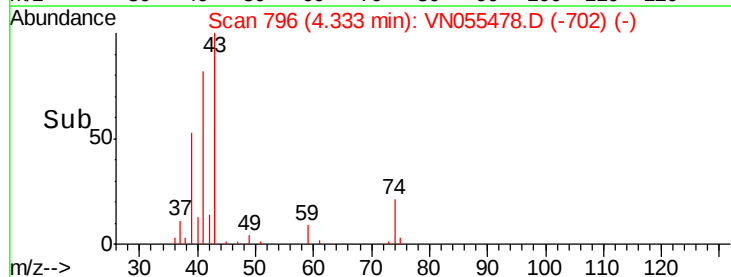
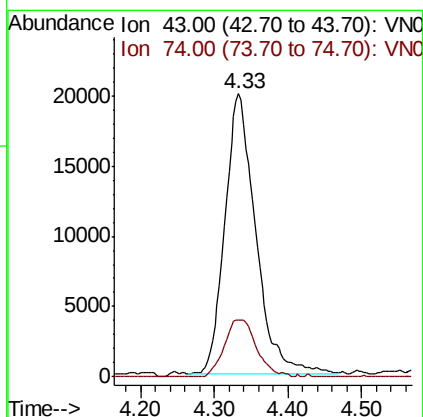
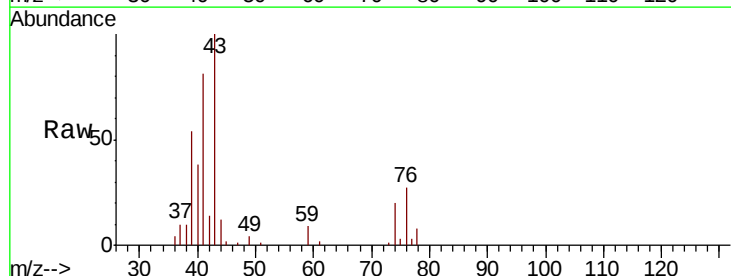
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

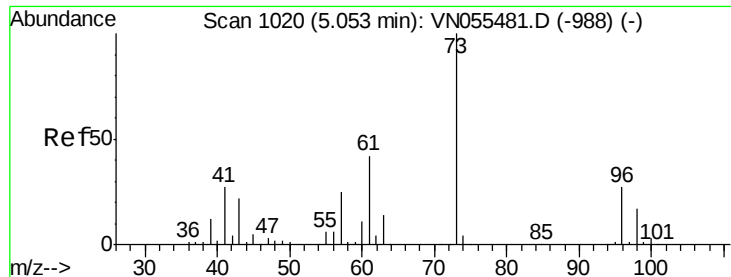
Tot Ion: 76 Resp: 102421  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 6.479 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion: 43 Resp: 58367  
Ion Ratio Lower Upper  
43 100  
74 20.8 16.3 24.5

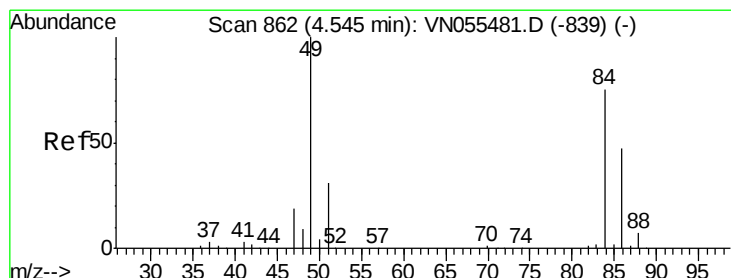
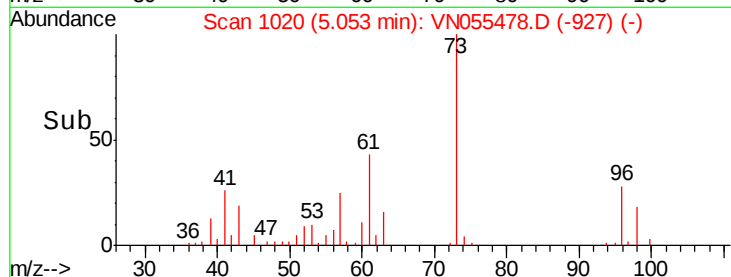
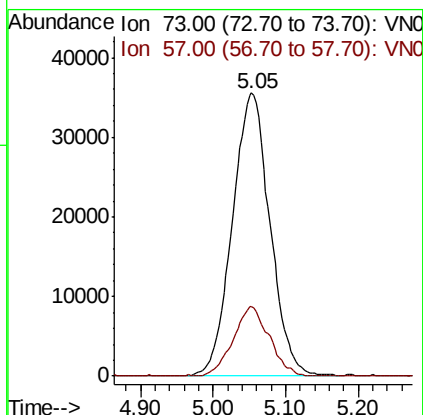
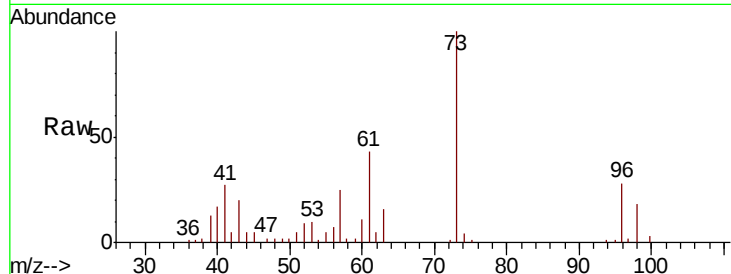




#19  
Methyl tert-butyl Ether  
Concen: 6.170 ug/l  
RT: 5.05 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

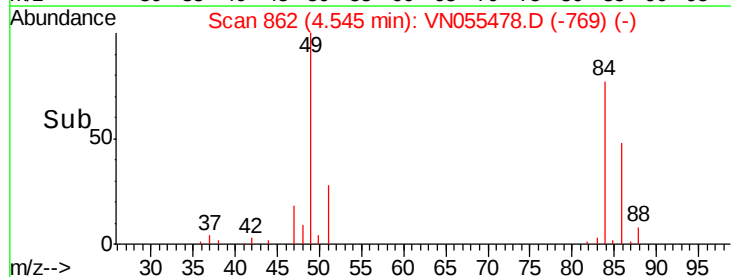
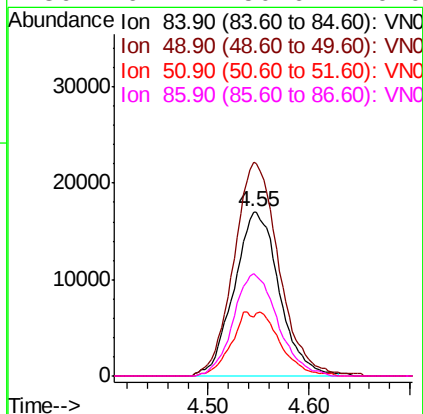
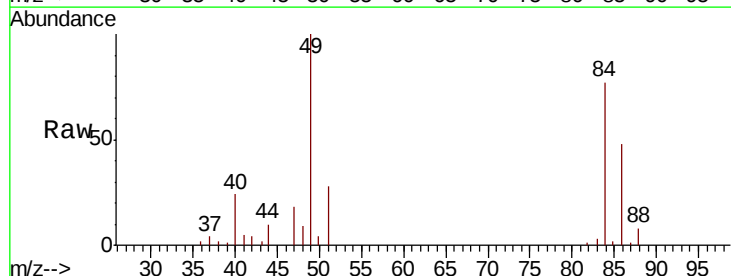
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

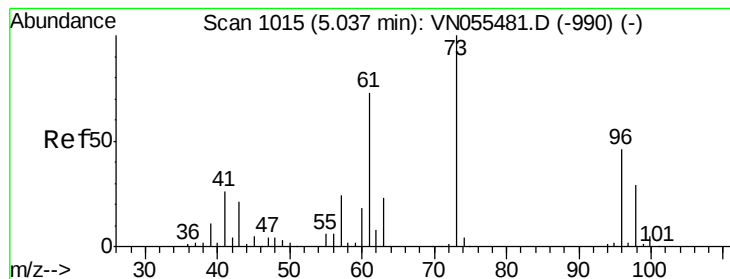
Tot Ion: 73 Resp: 128298  
Ion Ratio Lower Upper  
73 100  
57 24.8 20.0 30.0



#20  
Methylene Chloride  
Concen: 5.810 ug/l  
RT: 4.55 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion: 84 Resp: 52849  
Ion Ratio Lower Upper  
84 100  
49 130.0 107.0 160.6  
51 36.2 33.0 49.4  
86 62.2 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.520 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

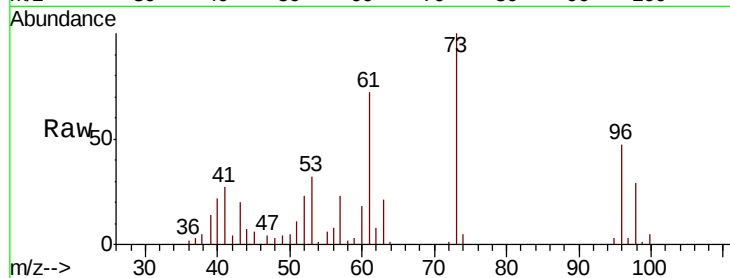
Tot Ion: 96 Resp: 42122

Ion Ratio Lower Upper

96 100

61 151.6 127.4 191.0

98 60.4 51.6 77.4

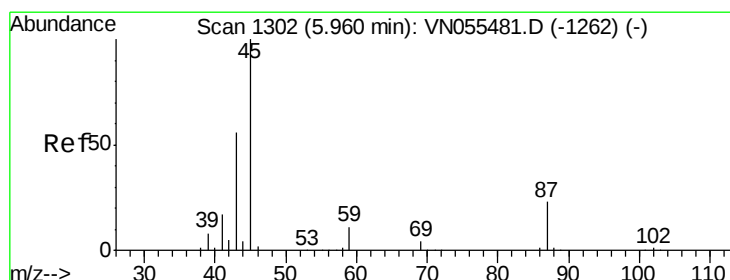
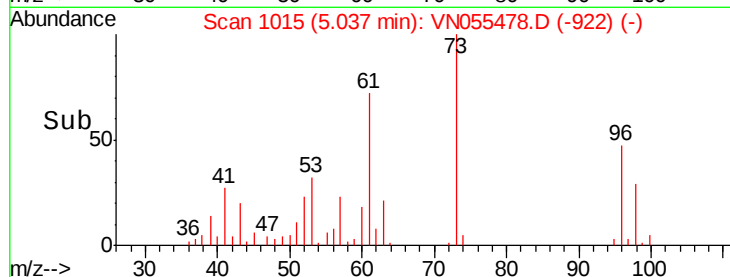
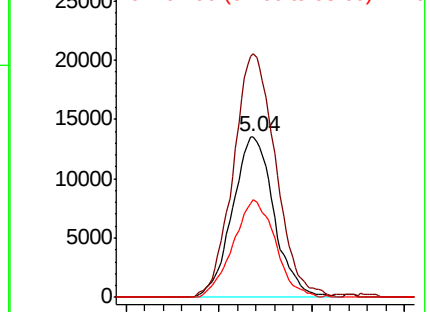


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 5.388 ug/l

RT: 5.96 min Scan# 1303

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Tgt Ion: 45 Resp: 160111

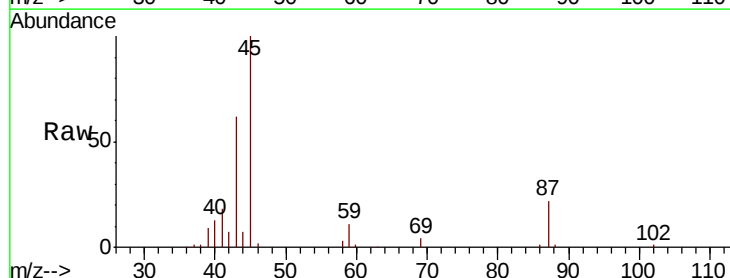
Ion Ratio Lower Upper

45 100

43 58.3 44.6 66.8

87 22.1 18.6 28.0

59 10.6 8.6 12.8



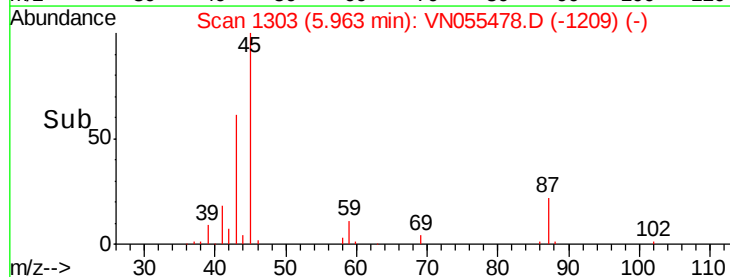
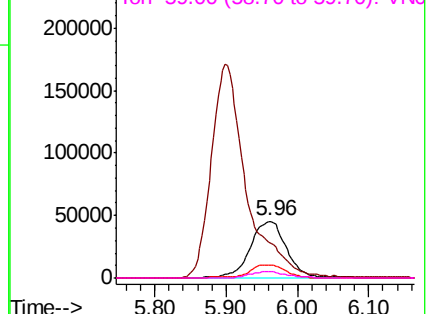
Abundance

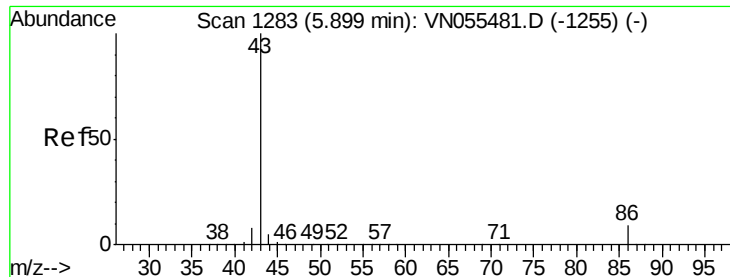
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 29.046 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

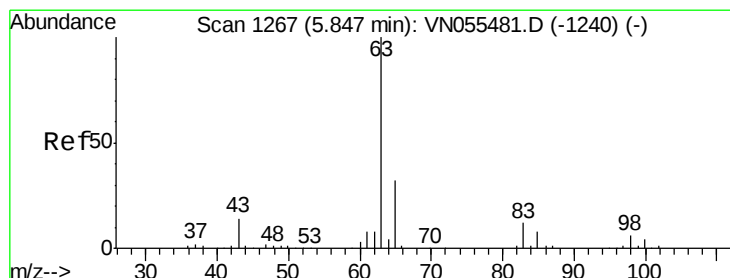
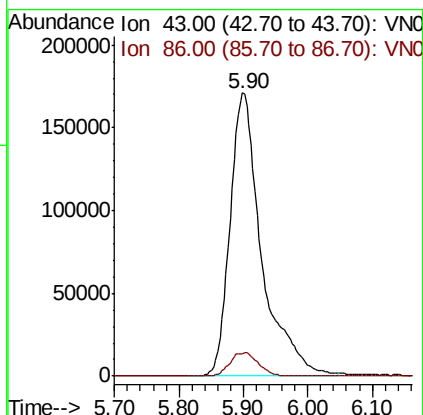
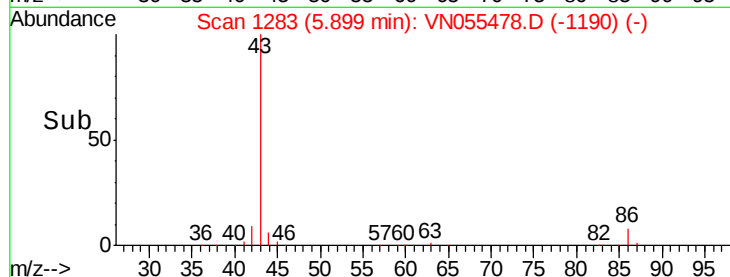
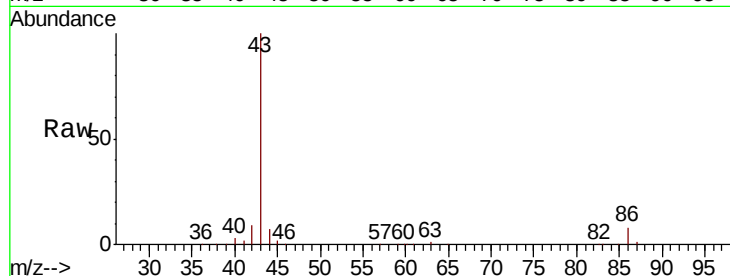
VSTDIC005

Tot Ion: 43 Resp: 583900

Ion Ratio Lower Upper

43 100

86 8.0 7.1 10.7



#24

1,1-Dichloroethane

Concen: 5.459 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

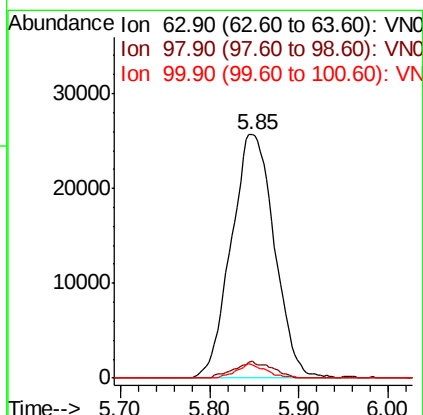
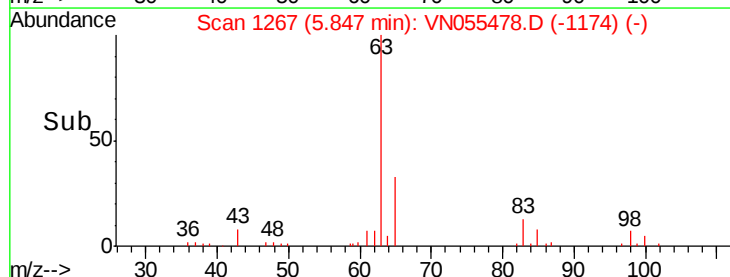
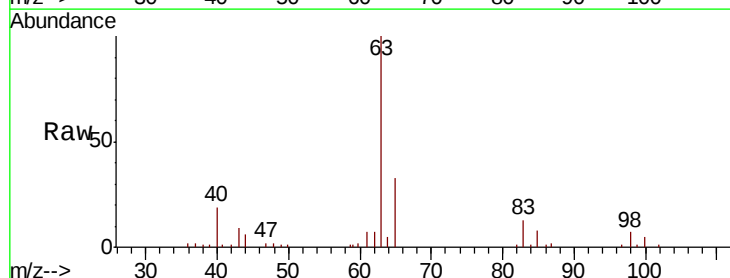
Tgt Ion: 63 Resp: 86433

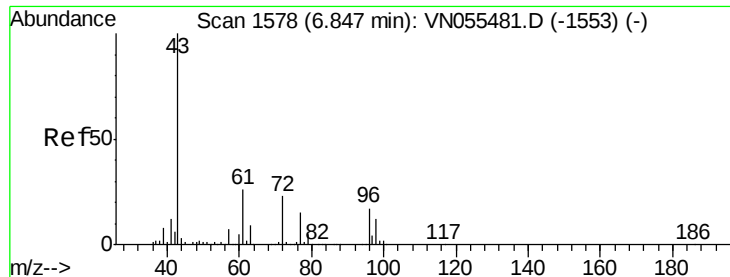
Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.0

100 5.4 1.9 5.7

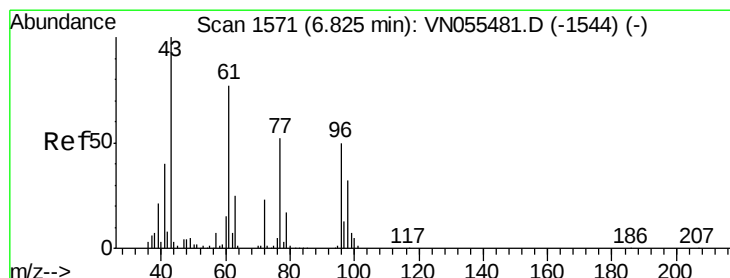
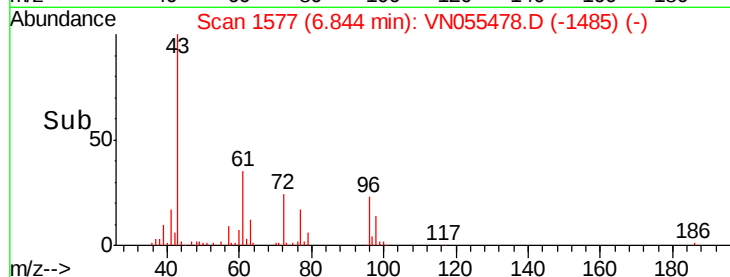
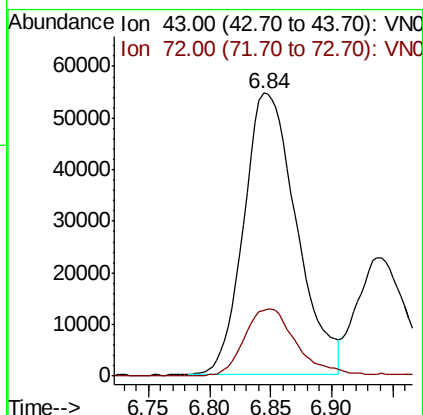
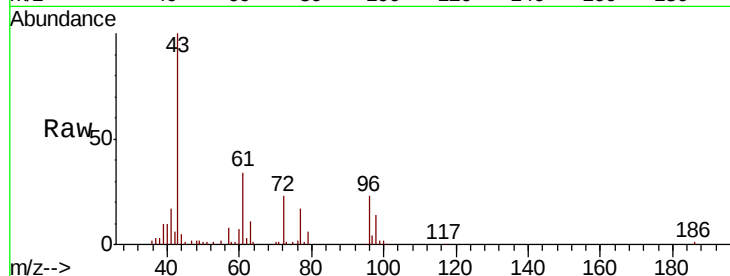




#25  
2-Butanone  
Concen: 38.296 ug/l  
RT: 6.84 min Scan# 1577  
Delta R.T. -0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

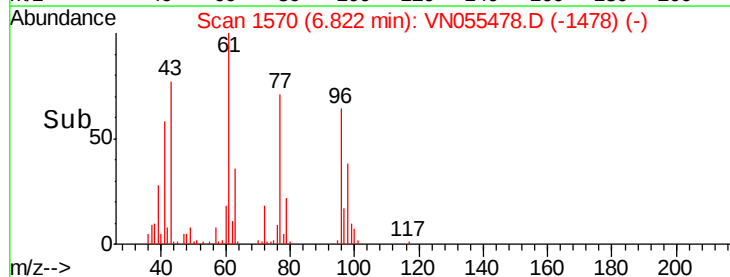
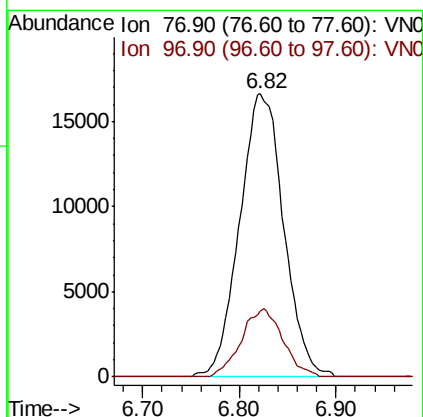
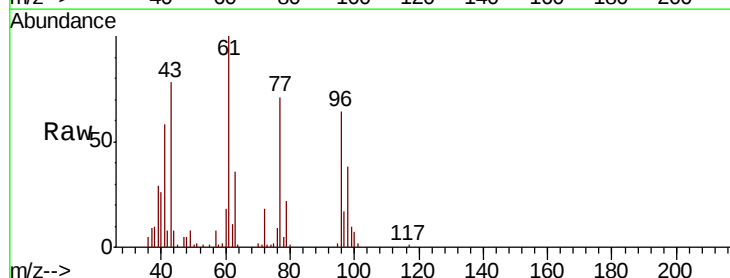
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

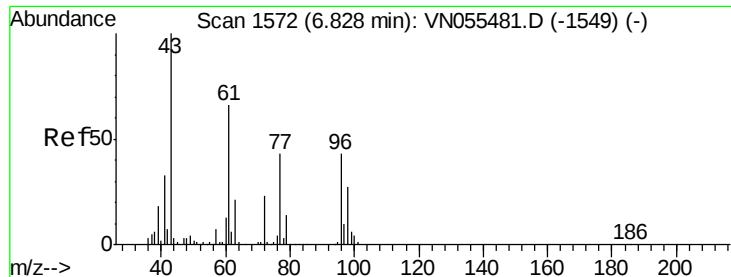
Tot Ion: 43 Resp: 163953  
Ion Ratio Lower Upper  
43 100  
72 23.5 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 4.880 ug/l  
RT: 6.82 min Scan# 1570  
Delta R.T. -0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion: 77 Resp: 52602  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 5.370 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

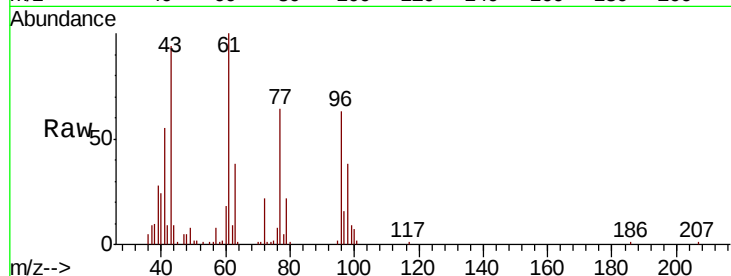
Tot Ion: 96 Resp: 46851

Ion Ratio Lower Upper

96 100

61 161.6 0.0 310.8

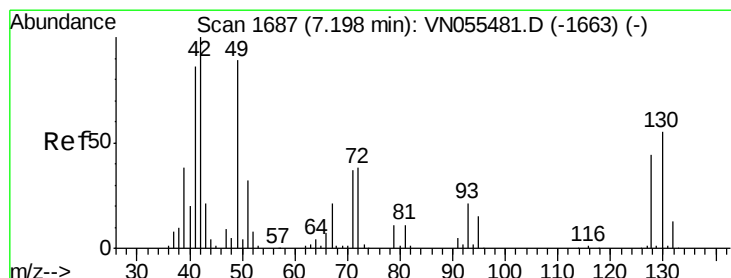
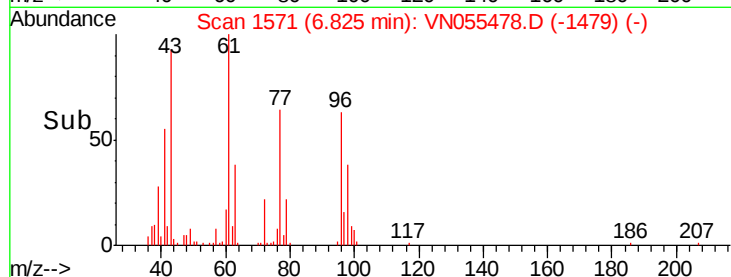
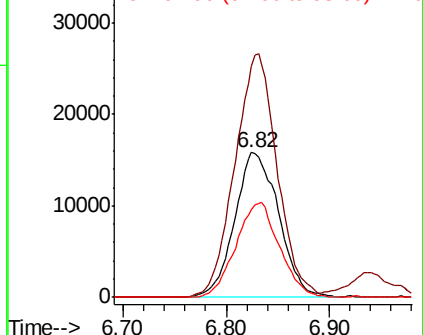
98 64.8 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 5.295 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

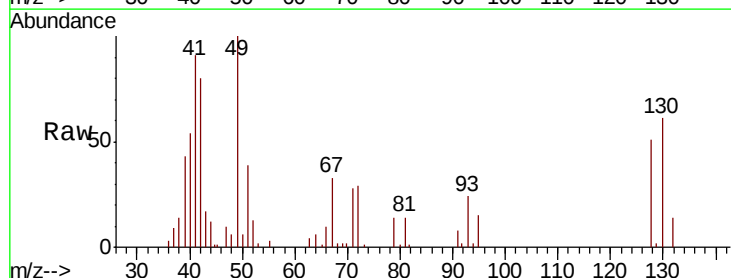
Tgt Ion: 49 Resp: 42748

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.2

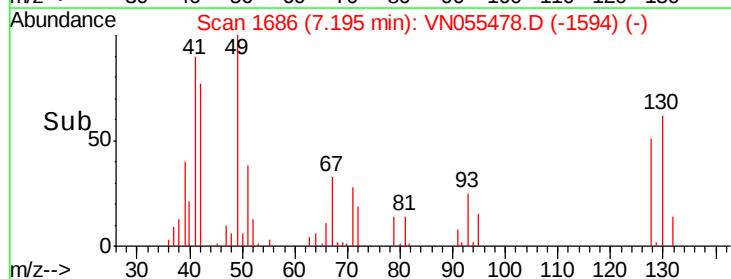
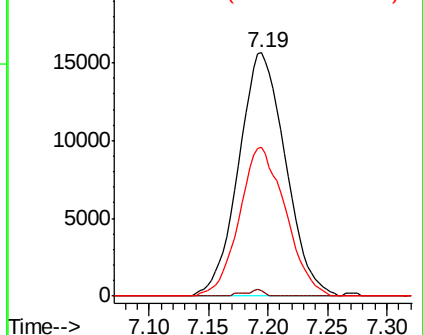
130 60.3 49.5 74.3

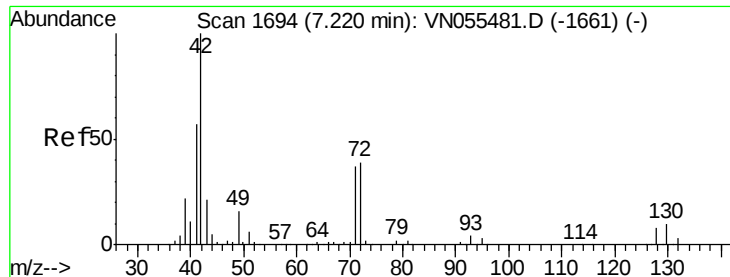


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 40.524 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

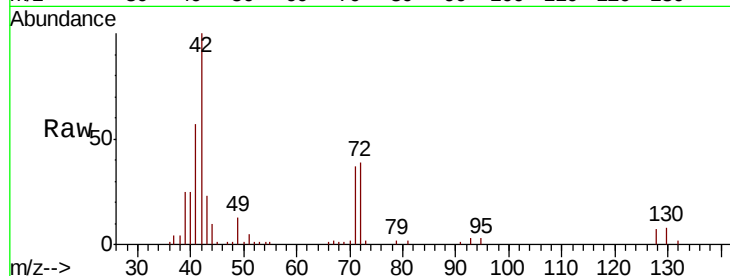
Tot Ion: 42 Resp: 111149

Ion Ratio Lower Upper

42 100

72 37.8 31.0 46.6

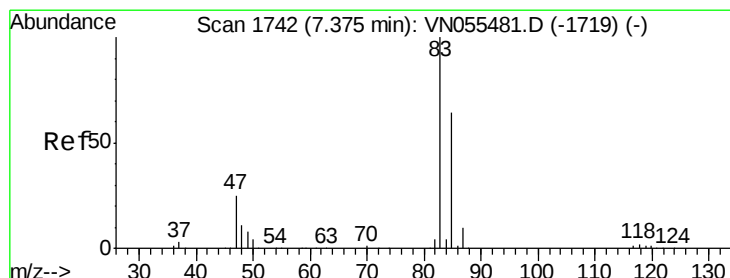
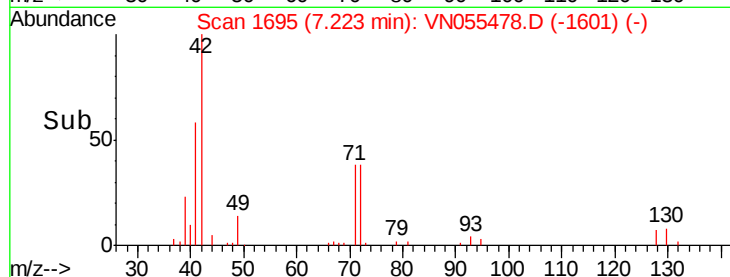
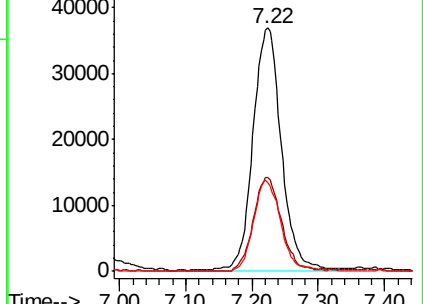
71 35.5 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 5.397 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055478.D

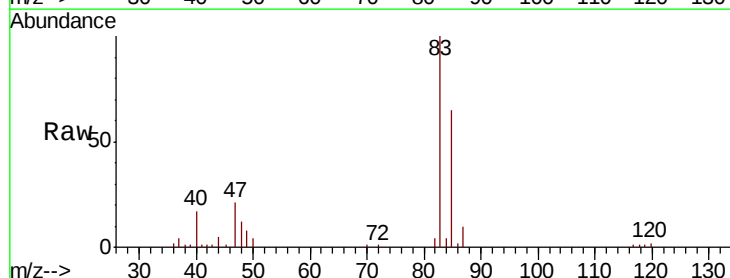
Acq: 8 May 2019 16:34

Tgt Ion: 83 Resp: 80709

Ion Ratio Lower Upper

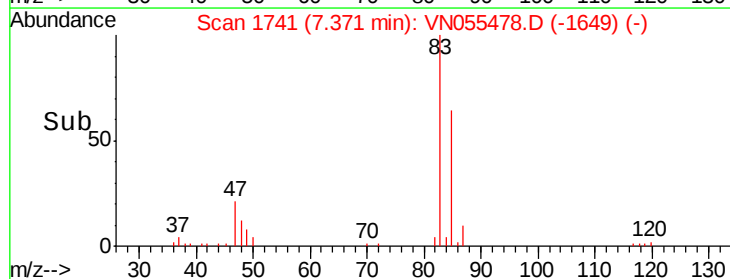
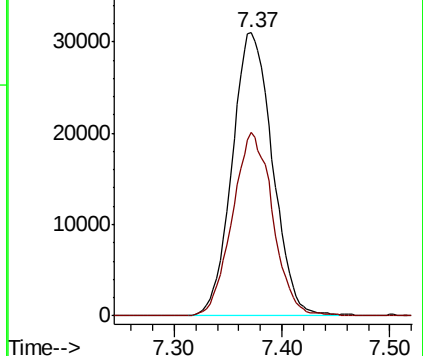
83 100

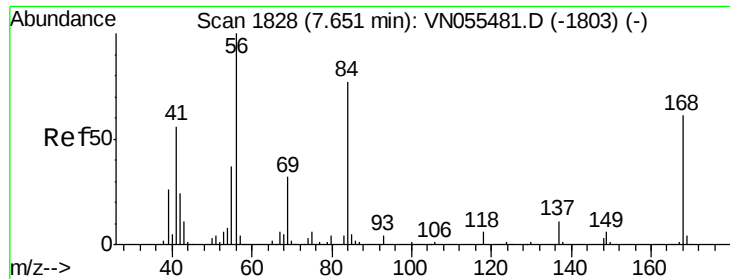
85 64.7 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

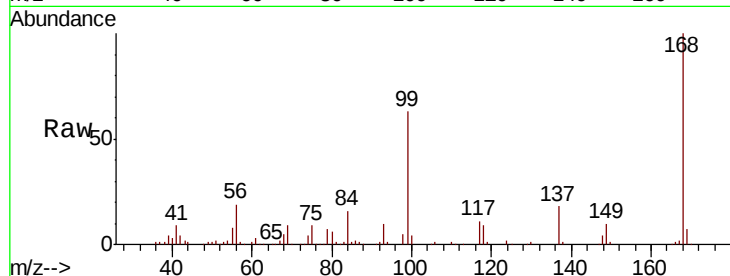




#31  
Cyclohexane  
Concen: 6.338 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 56   | Resp  | 96237 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 69        | 45.3 | 26.0  | 39.0# |
| 84        | 82.4 | 61.9  | 92.9  |

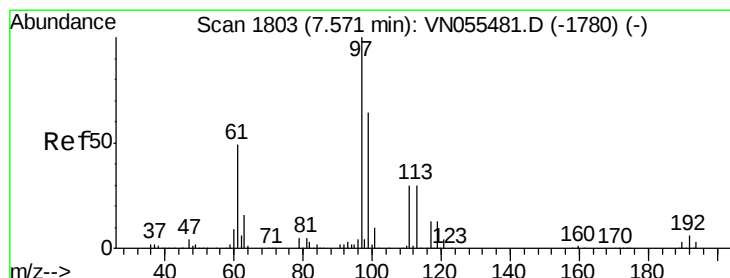
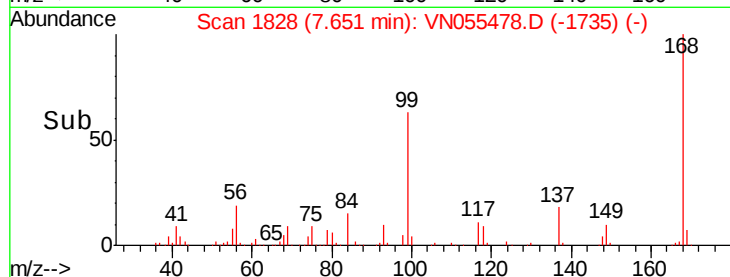
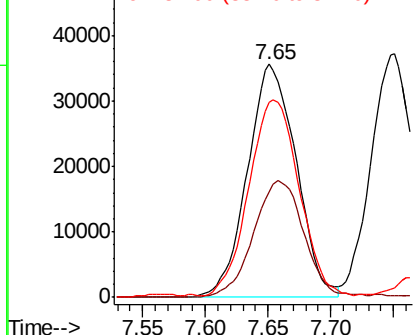


Abundance

Ion 56.00 (55.70 to 56.70): VN0

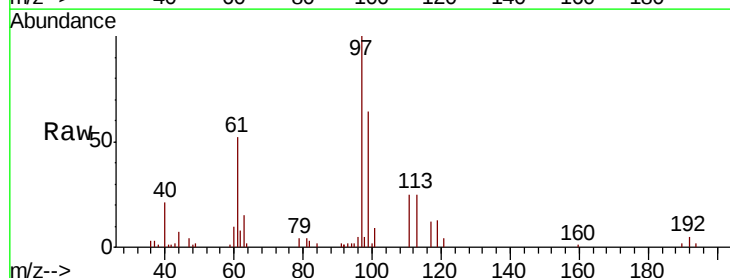
Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32  
1,1,1-Trichloroethane  
Concen: 4.947 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

| Tgt Ion   | 97   | Resp  | 59517 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 99        | 64.9 | 51.2  | 76.8  |
| 61        | 52.6 | 39.2  | 58.8  |

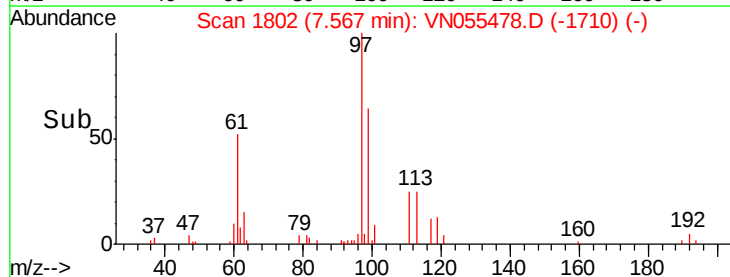
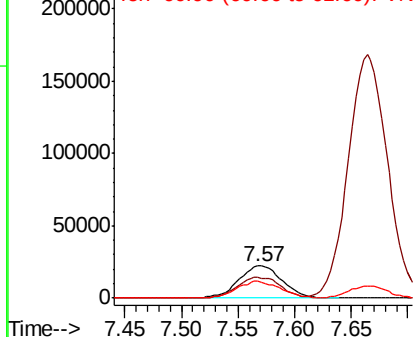


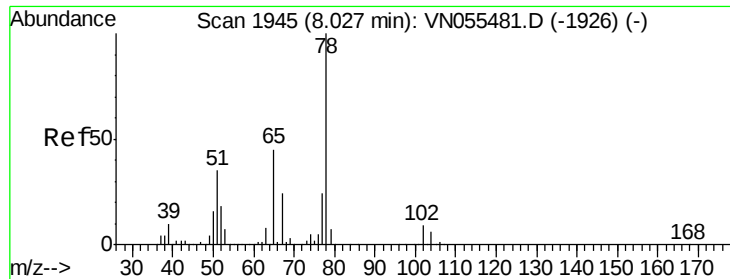
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

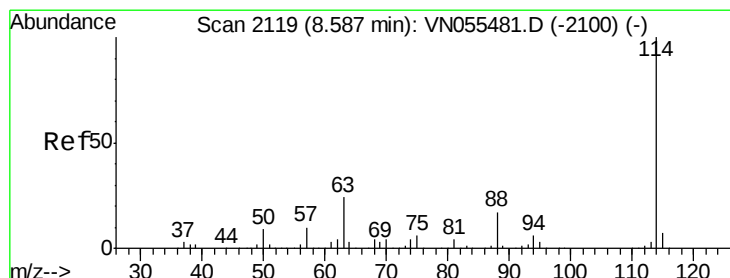
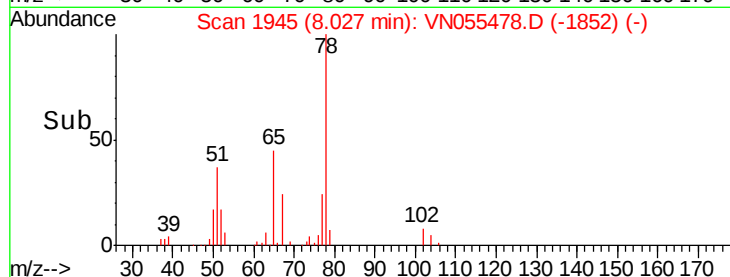
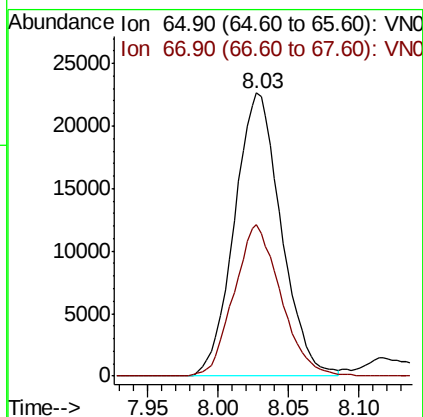
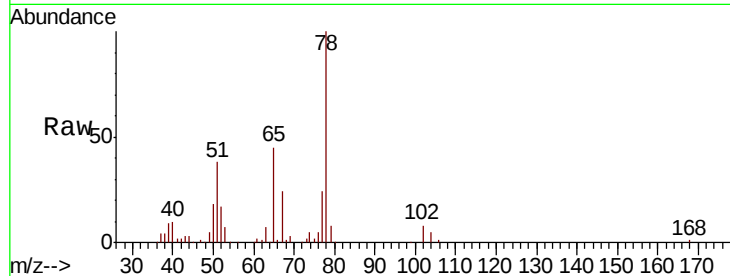




#33  
 1,2-Dichloroethane-d4  
 Concen: 5.432 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

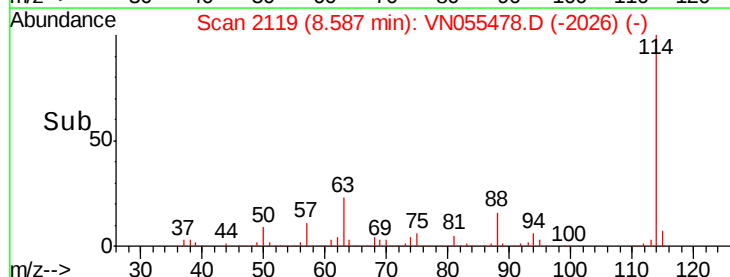
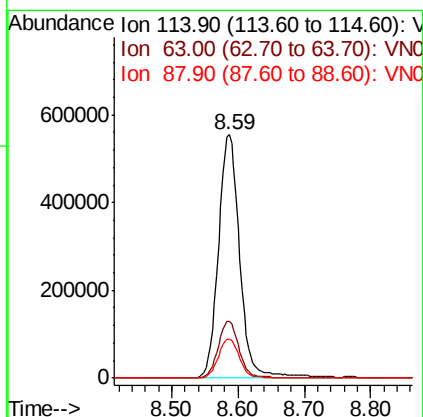
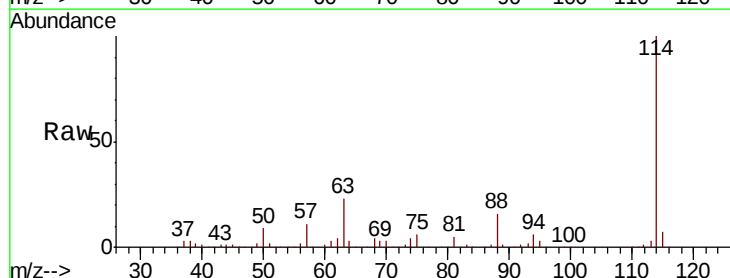
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

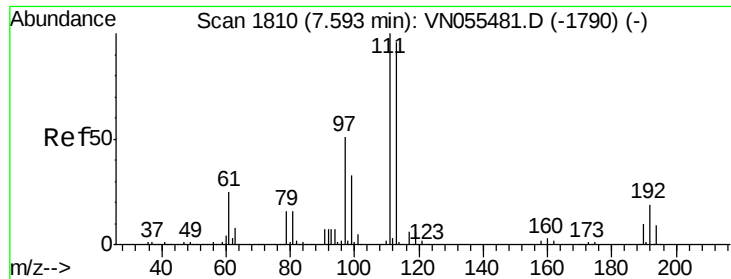
Tot Ion: 65 Resp: 52398  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 109.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion: 114 Resp: 1237841  
 Ion Ratio Lower Upper  
 114 100  
 63 23.3 0.0 47.4  
 88 16.2 0.0 34.0

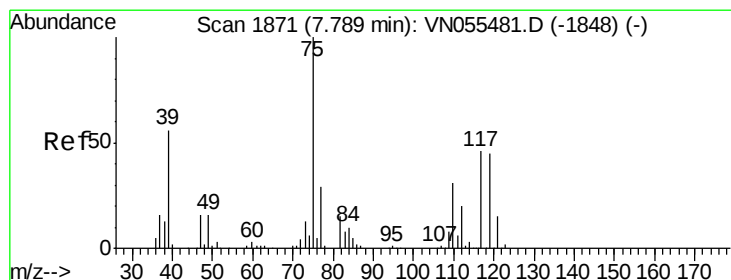
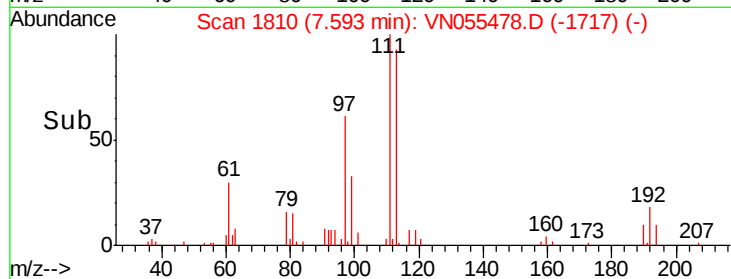
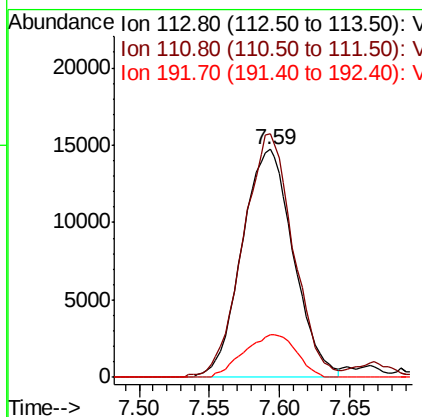
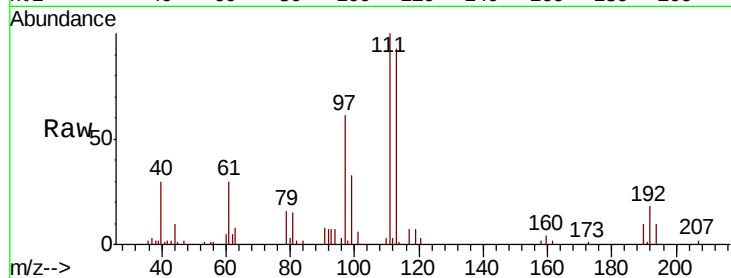




#35  
 Dibromofluoromethane  
 Concen: 4.611 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

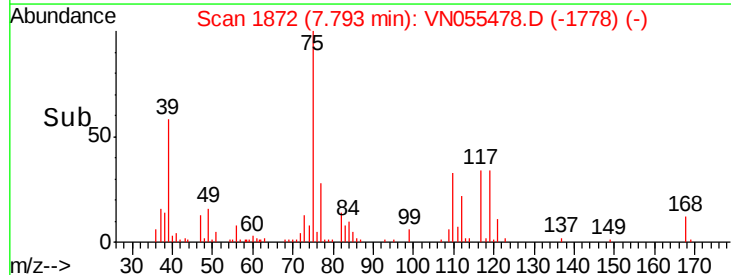
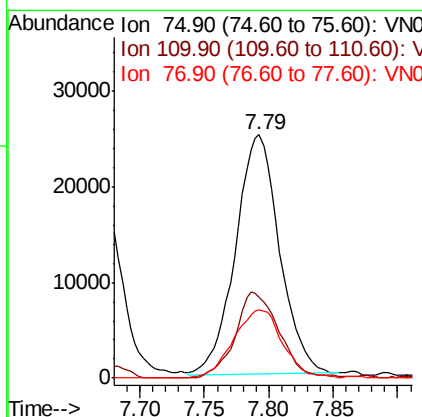
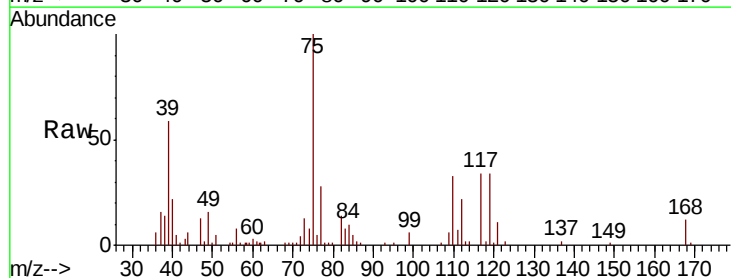
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

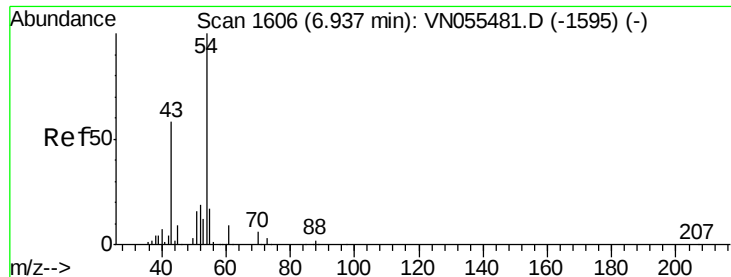
Tot Ion:113 Resp: 37582  
 Ion Ratio Lower Upper  
 113 100  
 111 104.3 82.9 124.3  
 192 19.1 15.6 23.4



#36  
 1,1-Dichloropropene  
 Concen: 4.955 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion: 75 Resp: 59674  
 Ion Ratio Lower Upper  
 75 100  
 110 36.0 16.1 48.3  
 77 31.7 24.6 37.0

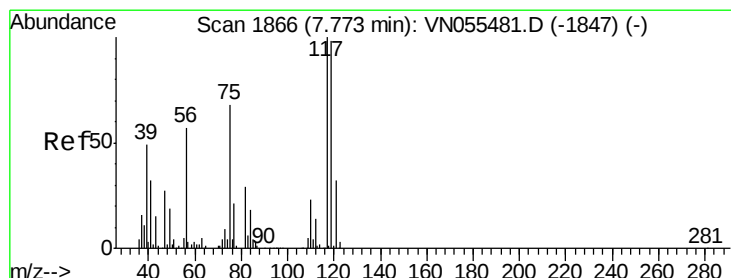
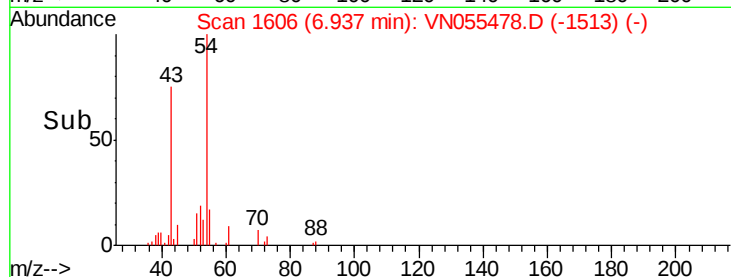
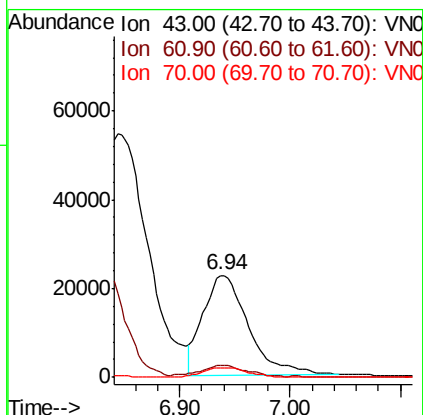
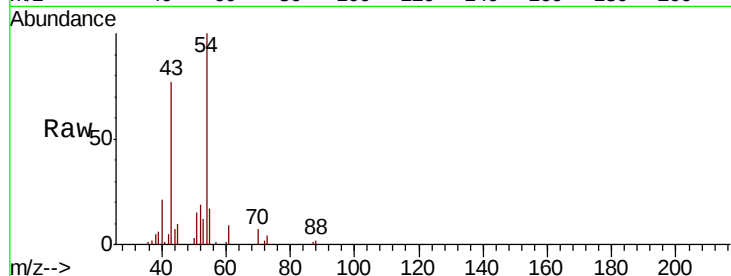




#37  
Ethyl Acetate  
Concen: 6.483 ug/l  
RT: 6.94 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

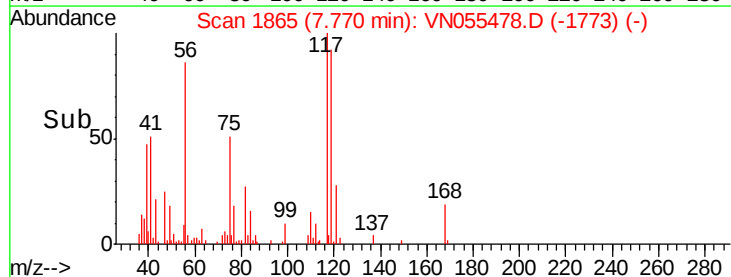
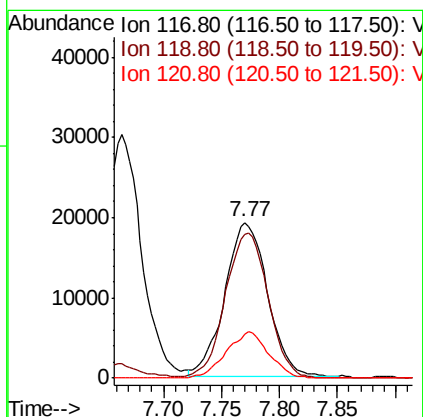
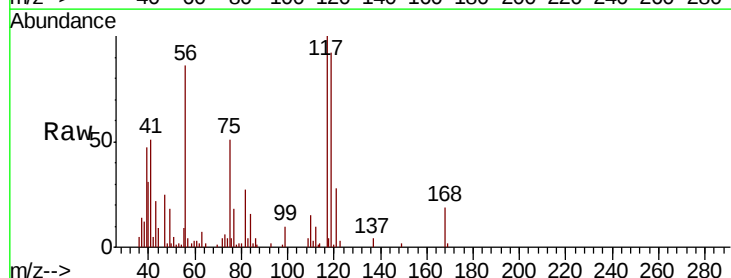
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

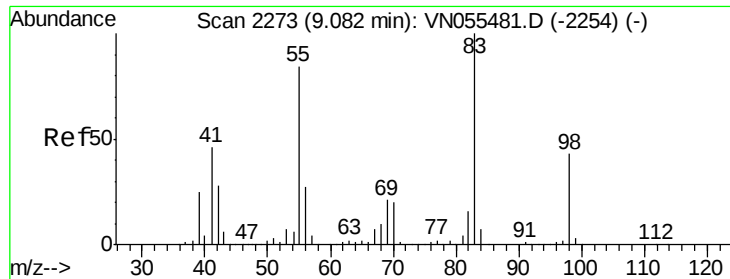
| Tot Ion   | 43    | Resp  | 64358 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 11.4  | 10.9  | 16.3  |
| 70        | 9.7   | 7.0   | 10.6  |



#38  
Carbon Tetrachloride  
Concen: 4.391 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

| Tgt Ion   | 117   | Resp  | 49595 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.2  | 77.8  | 116.6 |
| 121       | 28.1  | 25.2  | 37.8  |

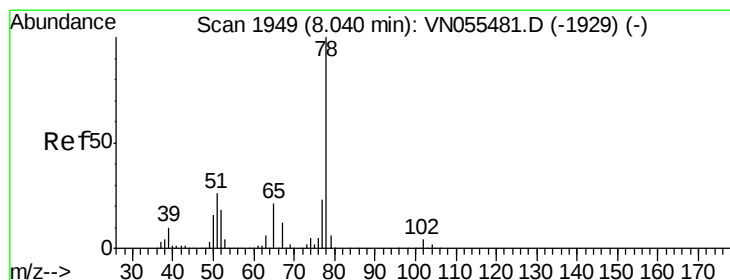
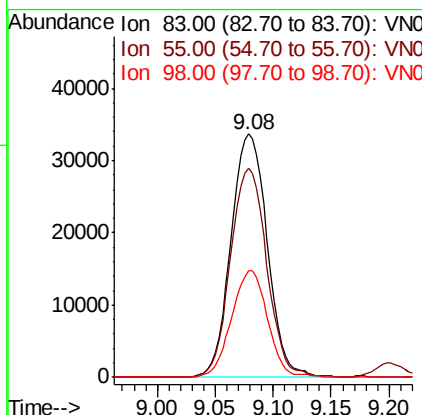
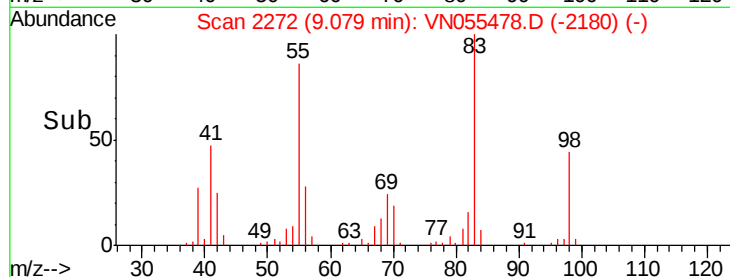
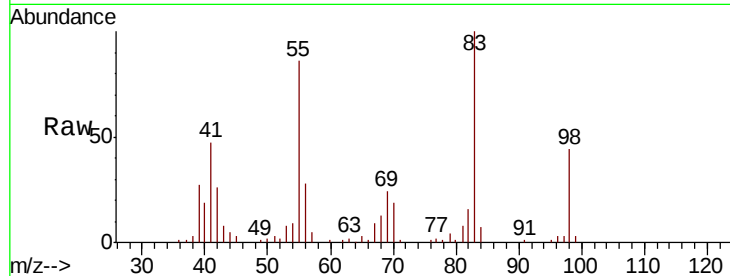




#39  
Methvlcvclohexane  
Concen: 5.677 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

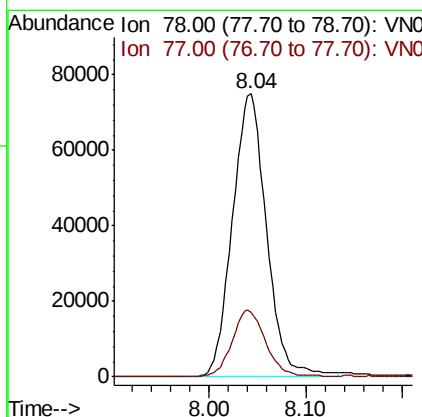
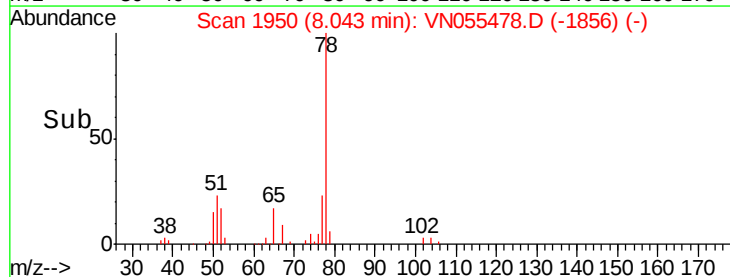
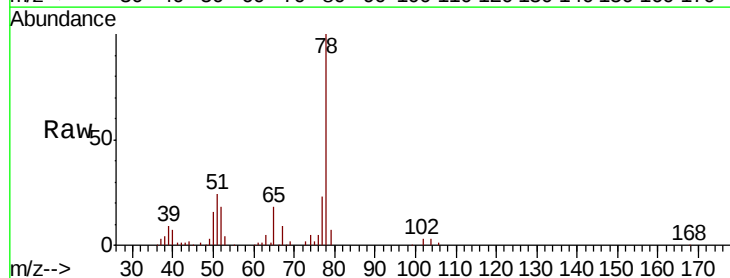
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

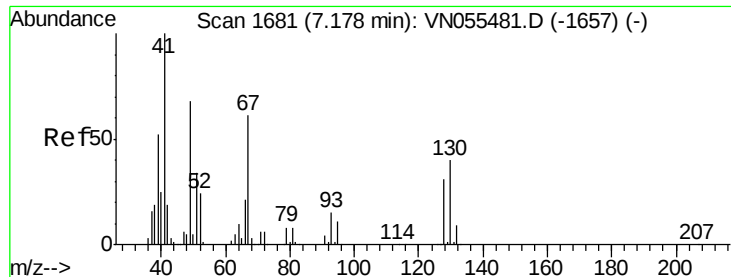
Tot Ion: 83 Resp: 73657  
Ion Ratio Lower Upper  
83 100  
55 85.8 67.0 100.4  
98 43.6 34.2 51.4



#40  
Benzene  
Concen: 5.170 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion: 78 Resp: 183995  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.6 27.8

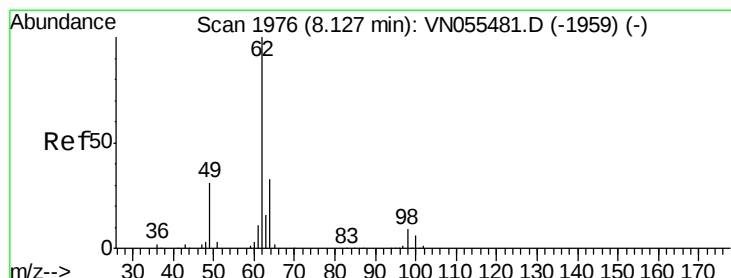
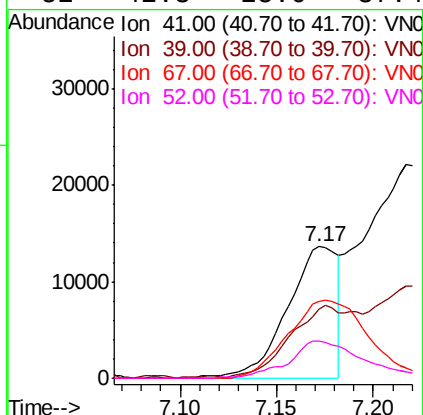
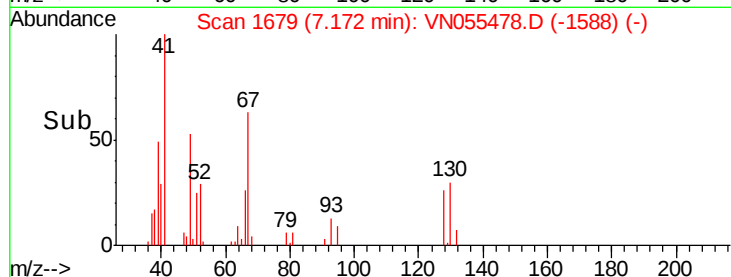
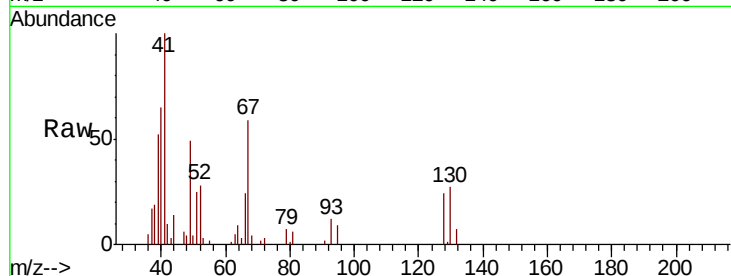




#41  
Methacrylonitrile  
Concen: 4.803 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. -0.01 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

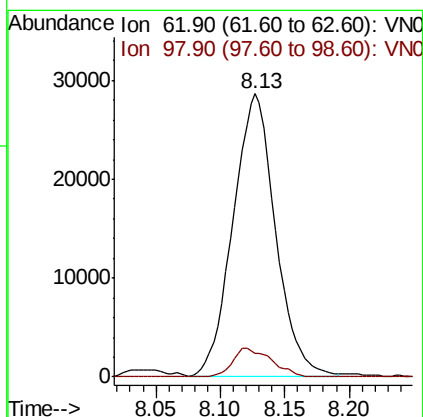
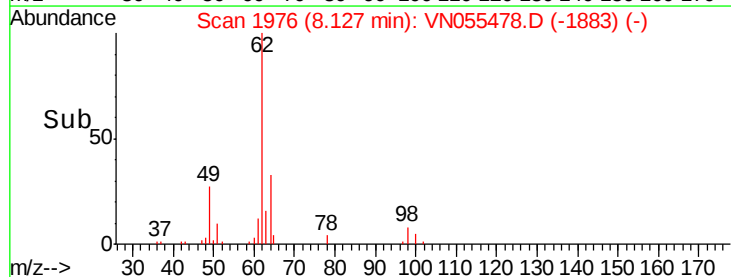
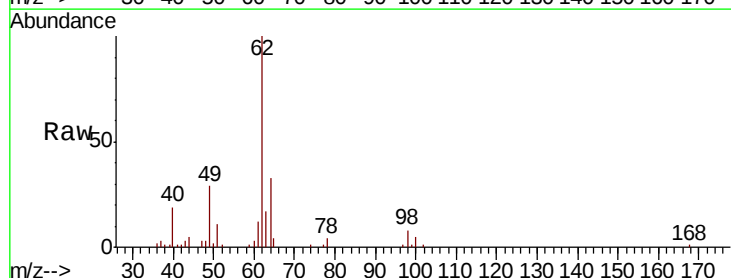
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

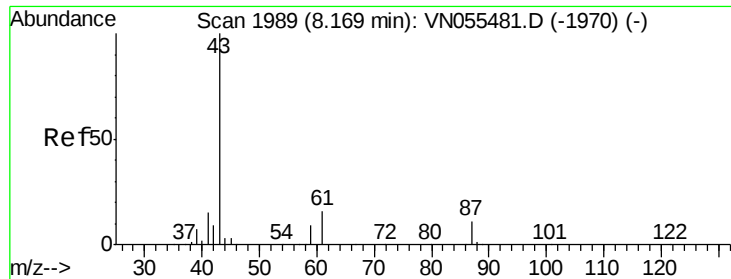
Tot Ion: 41 Resp: 24635  
Ion Ratio Lower Upper  
41 100  
39 57.9 44.7 67.1  
67 95.7 61.4 92.0#  
52 42.3 25.0 37.4#



#42  
1,2-Dichloroethane  
Concen: 5.247 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion: 62 Resp: 65850  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 17.4





#43

Isopropyl Acetate

Concen: 5.961 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

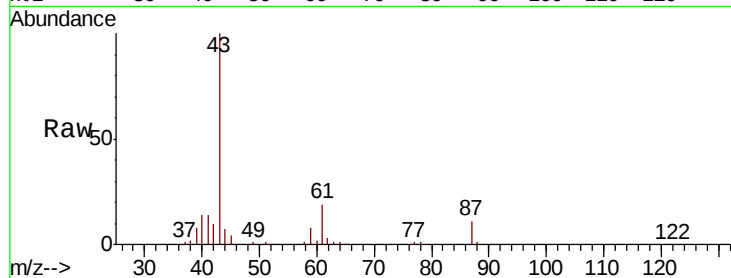
Tot Ion: 43 Resp: 93526

Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

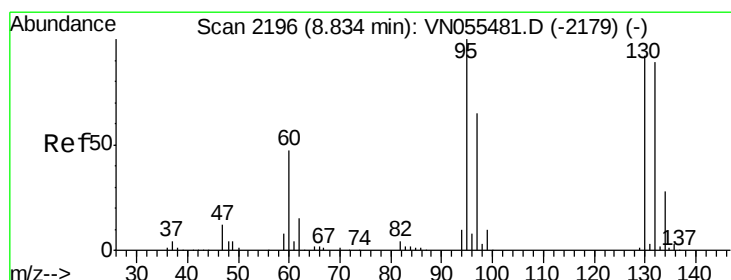
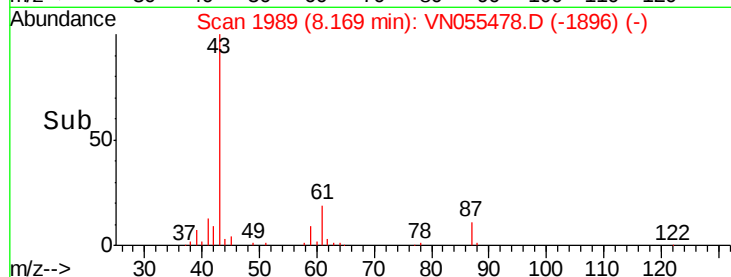
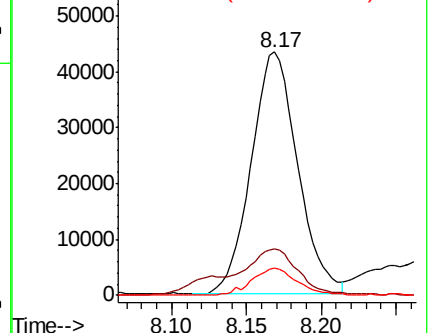
87 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055478.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN055478.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN055478.D (-2103) (-)



#44

Trichloroethene

Concen: 4.962 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055478.D

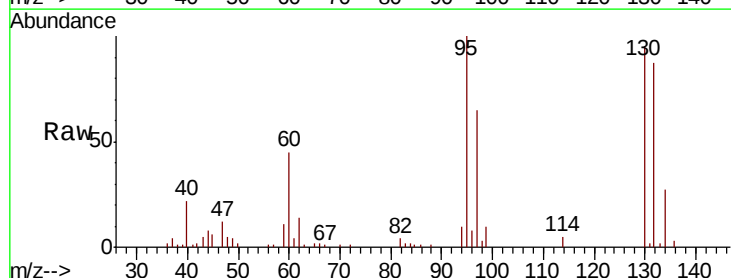
Acq: 8 May 2019 16:34

Tgt Ion: 130 Resp: 44472

Ion Ratio Lower Upper

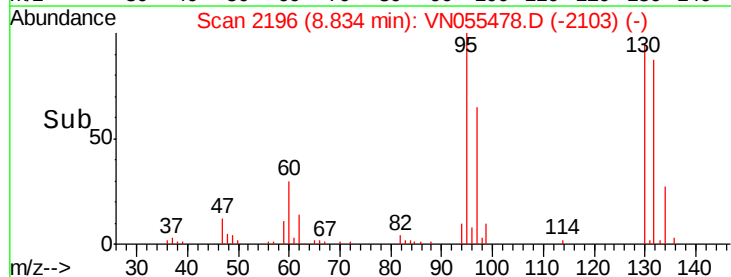
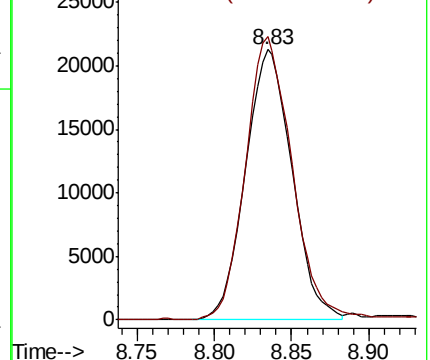
130 100

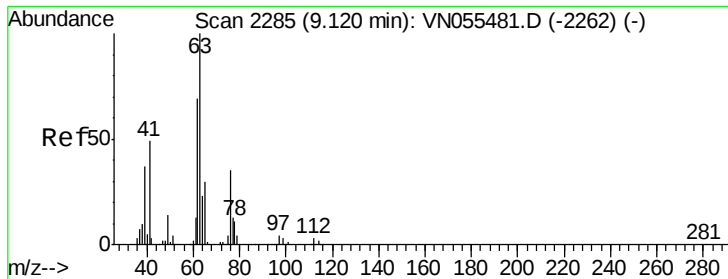
95 104.8 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055478.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055478.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 5.239 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampled :

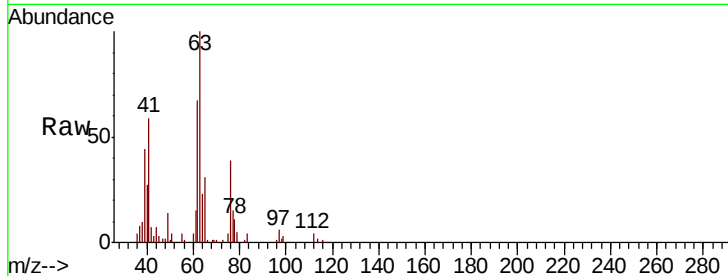
VSTDIC005

Tot Ion: 63 Resp: 53575

Ion Ratio Lower Upper

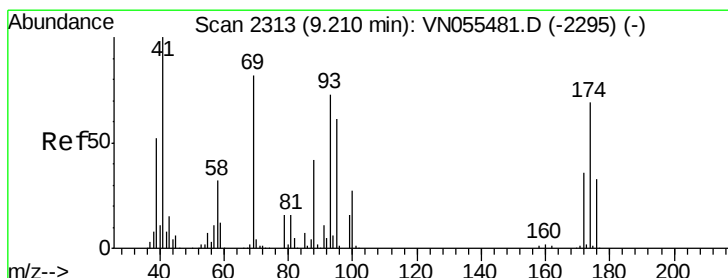
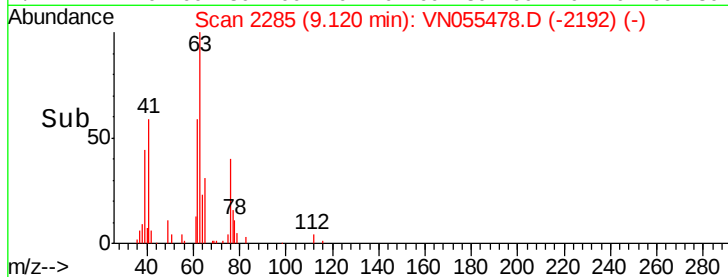
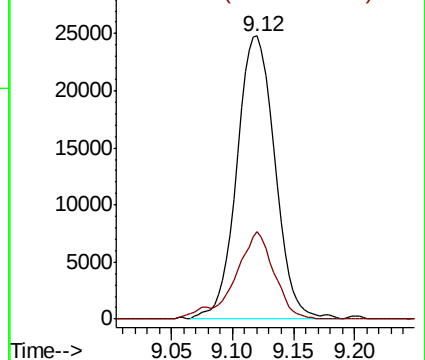
63 100

65 31.0 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 5.450 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

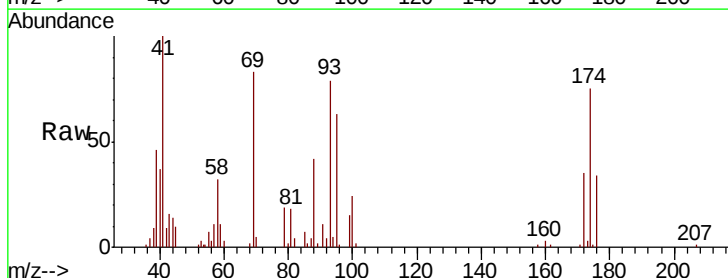
Tgt Ion: 93 Resp: 30829

Ion Ratio Lower Upper

93 100

95 82.5 64.8 97.2

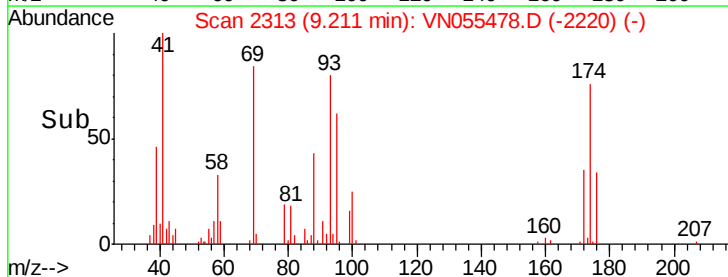
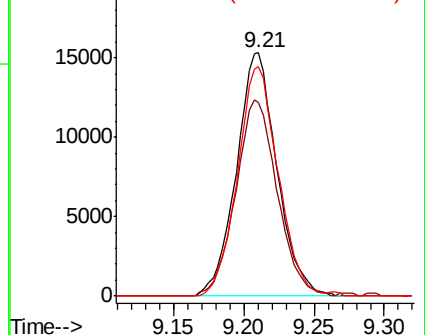
174 94.1 75.0 112.6

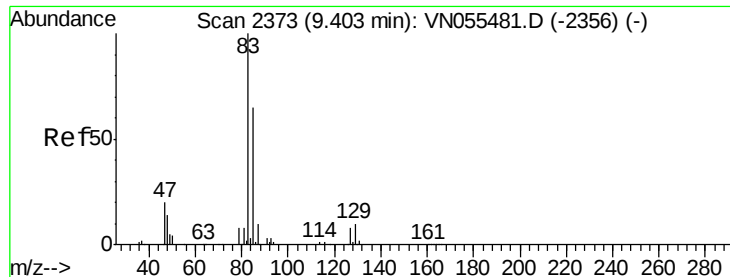


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.722 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

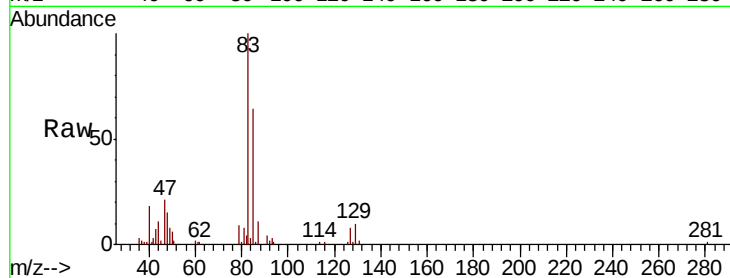
Tot Ion: 83 Resp: 56198

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.2

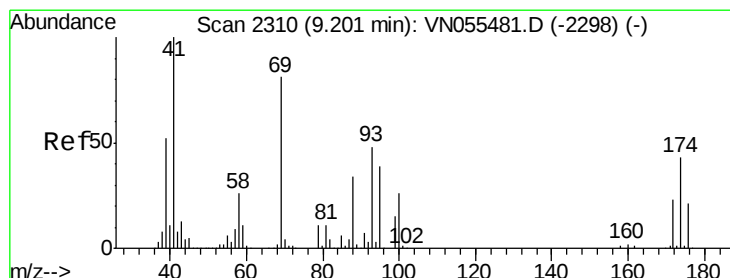
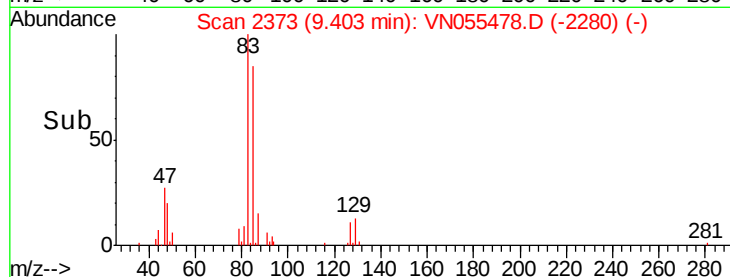
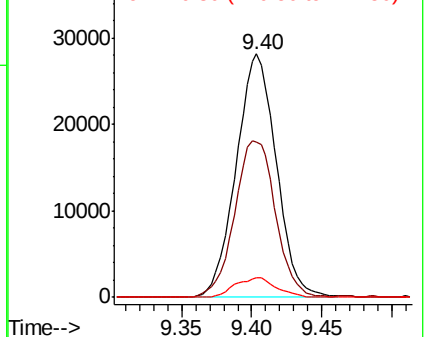
127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055478.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055478.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055478.D (-2280) (-)



#48

Methyl methacrylate

Concen: 5.783 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

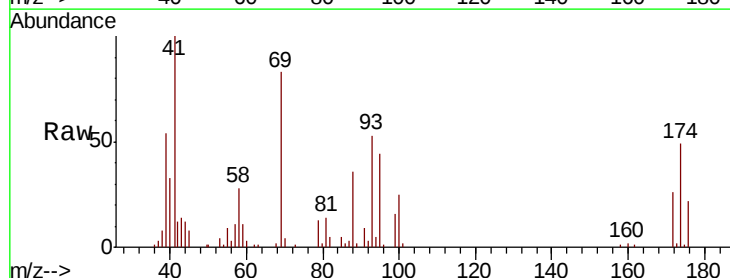
Tgt Ion: 41 Resp: 44347

Ion Ratio Lower Upper

41 100

69 85.2 64.2 96.2

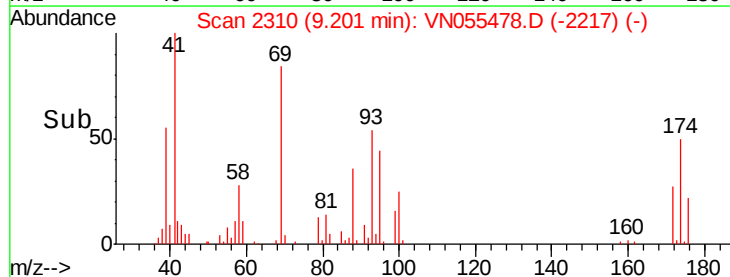
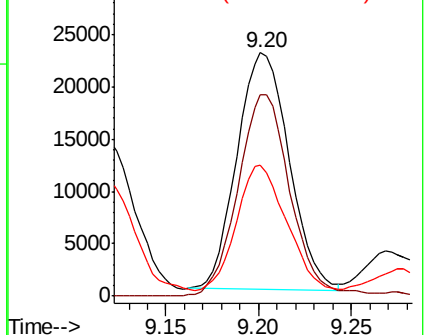
39 53.9 41.6 62.4

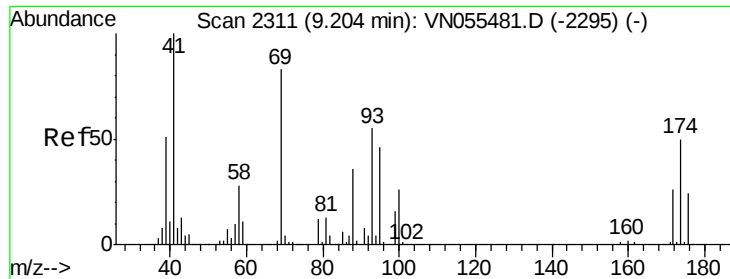


Abundance Ion 41.00 (40.70 to 41.70): VN055478.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055478.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055478.D (-2217) (-)

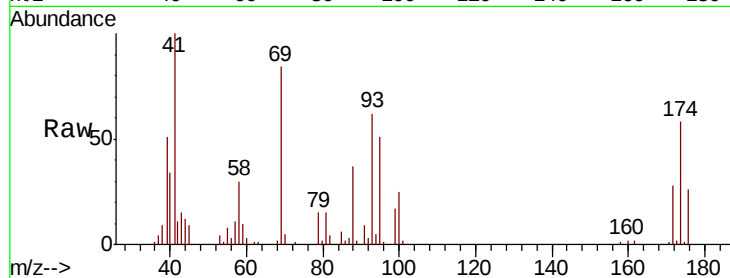




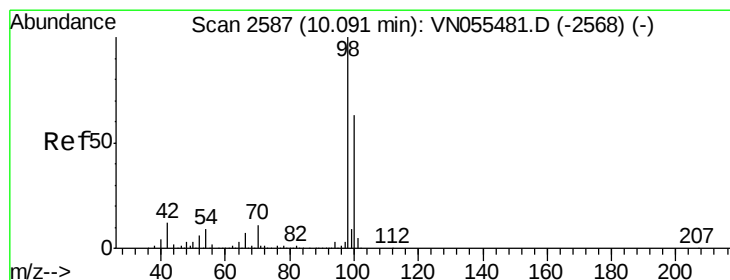
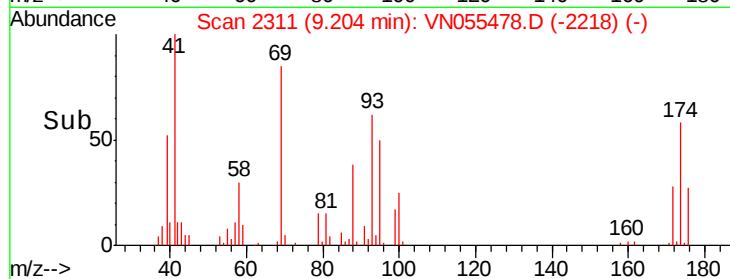
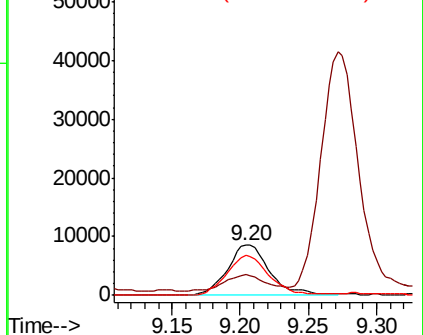
#49  
 1,4-Dioxane  
 Concen: 194.287 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 88 Resp: 18506  
 Ion Ratio Lower Upper  
 88 100  
 43 31.9 27.8 41.8  
 58 78.5 61.8 92.6

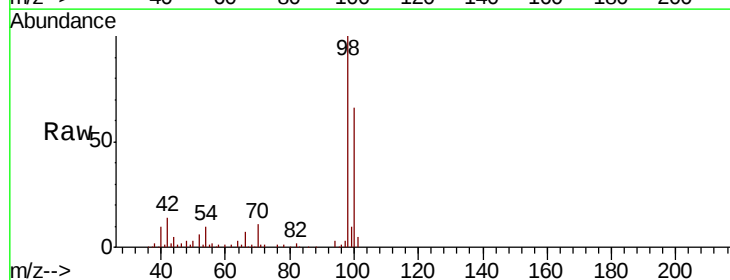


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

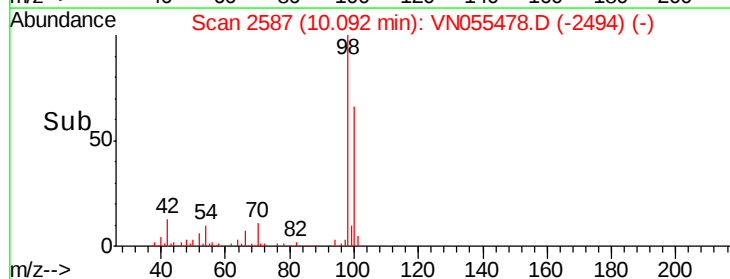
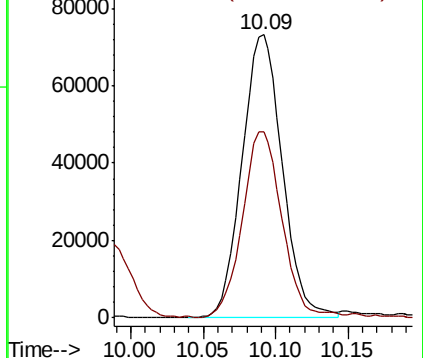


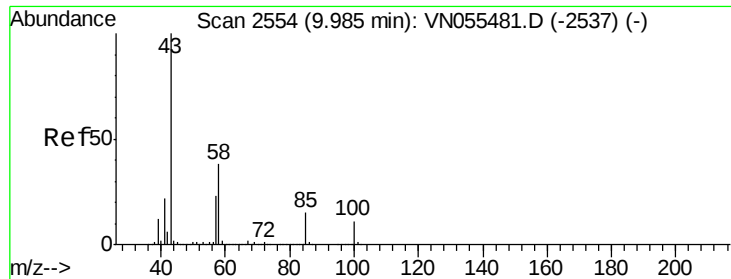
#50  
 Toluene-d8  
 Concen: 4.741 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion: 98 Resp: 141779  
 Ion Ratio Lower Upper  
 98 100  
 100 64.0 50.4 75.6



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





#51

4-Methyl-2-Pentanone

Concen: 34.151 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

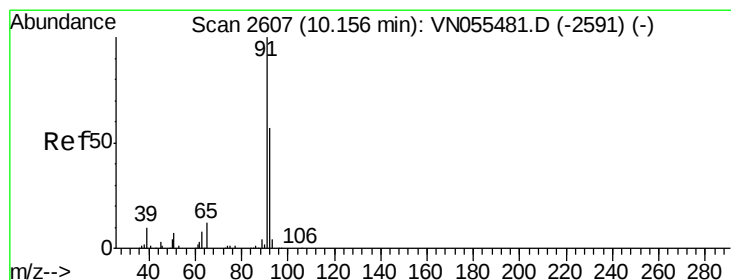
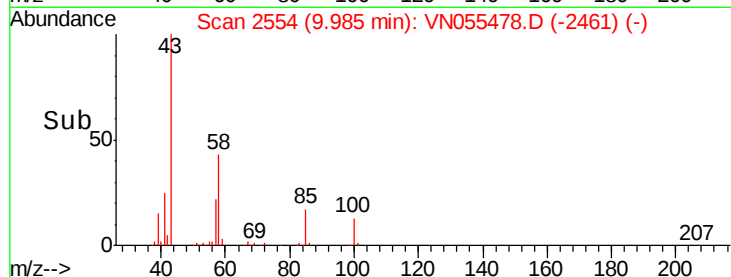
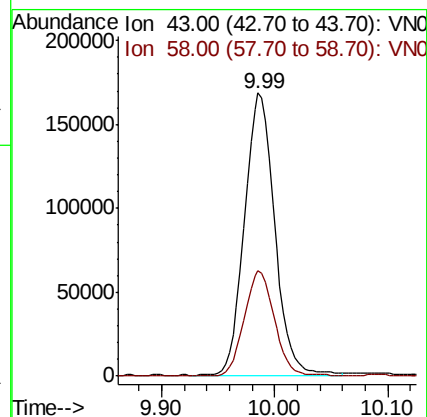
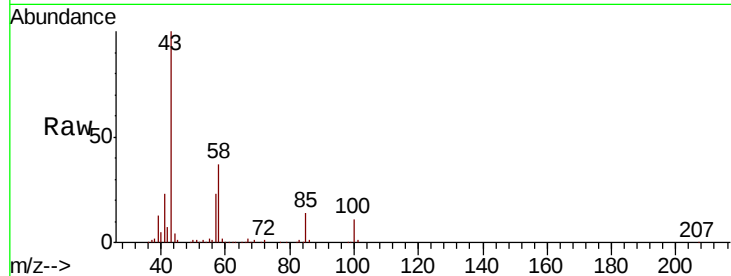
VSTDIC005

Tot Ion: 43 Resp: 312688

Ion Ratio Lower Upper

43 100

58 37.1 29.9 44.9



#52

Toluene

Concen: 5.170 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055478.D

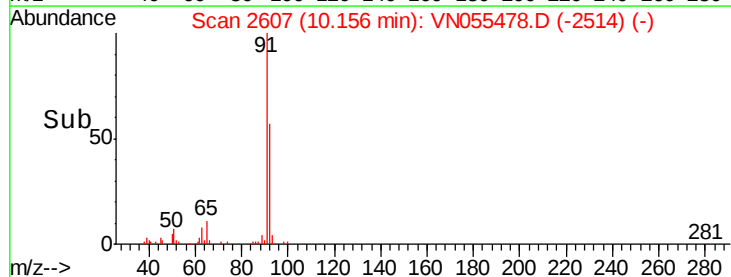
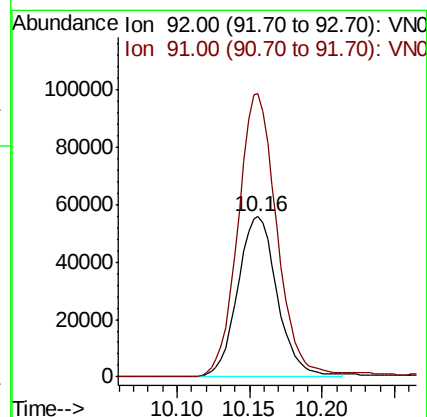
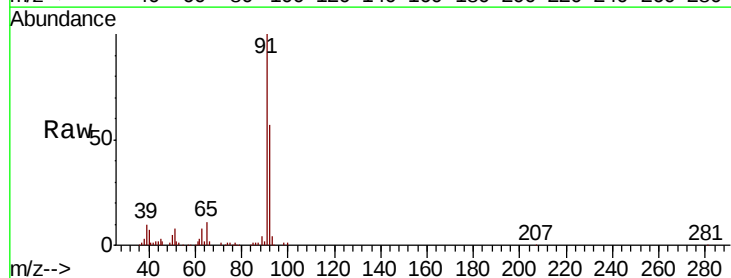
Acq: 8 May 2019 16:34

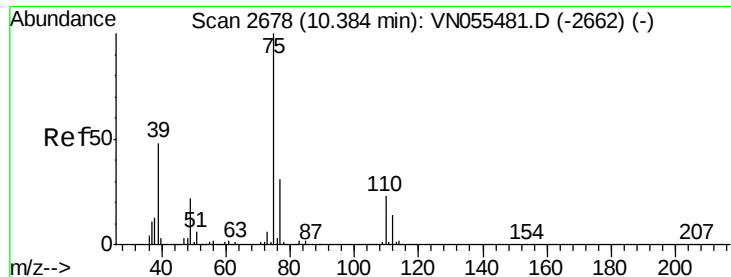
Tgt Ion: 92 Resp: 105671

Ion Ratio Lower Upper

92 100

91 173.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 4.746 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

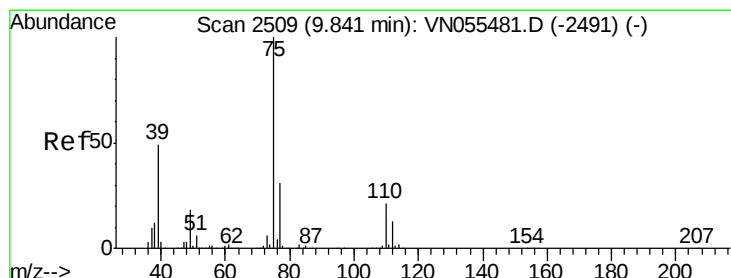
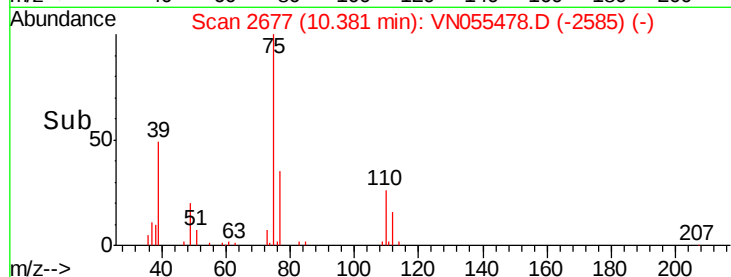
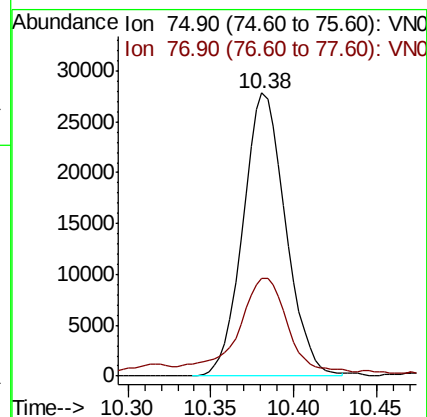
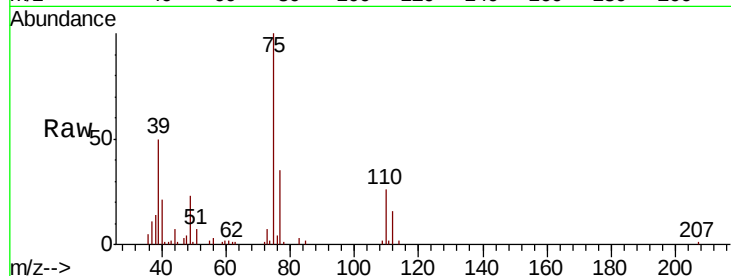
VSTDIC005

Tot Ion: 75 Resp: 49862

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 4.840 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

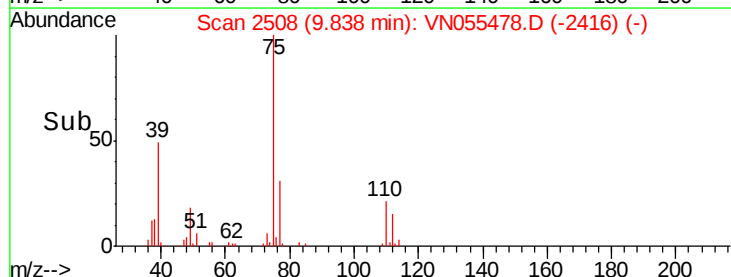
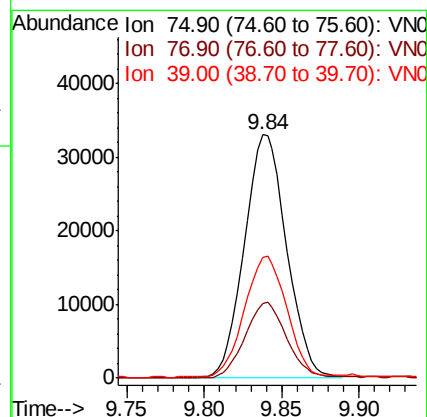
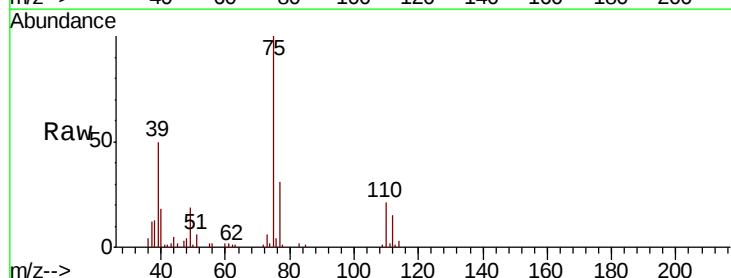
Tgt Ion: 75 Resp: 62946

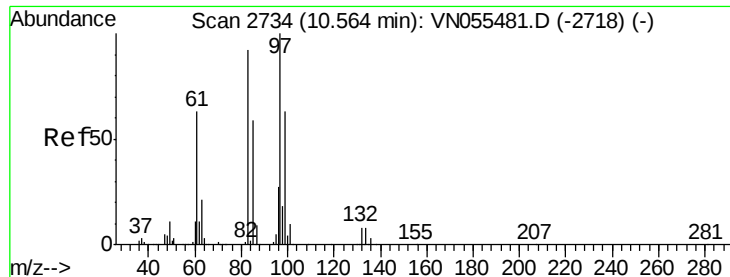
Ion Ratio Lower Upper

75 100

77 30.7 24.4 36.6

39 49.0 39.5 59.3





#55

1,1,2-Trichloroethane

Concen: 5.647 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 43388

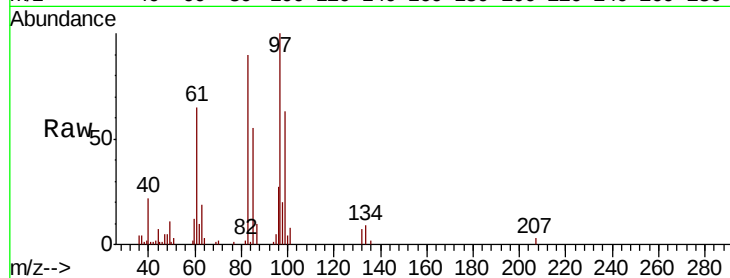
Ion Ratio Lower Upper

97 100

83 90.2 73.2 109.8

85 54.9 47.5 71.3

99 62.6 50.2 75.2

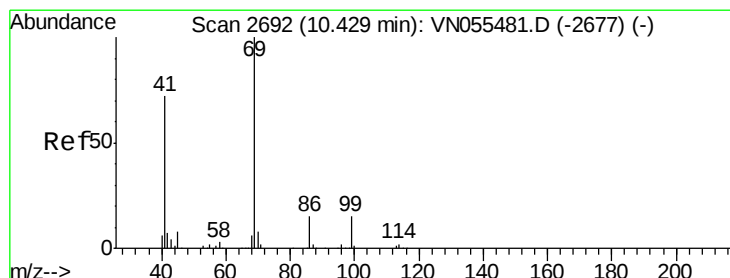
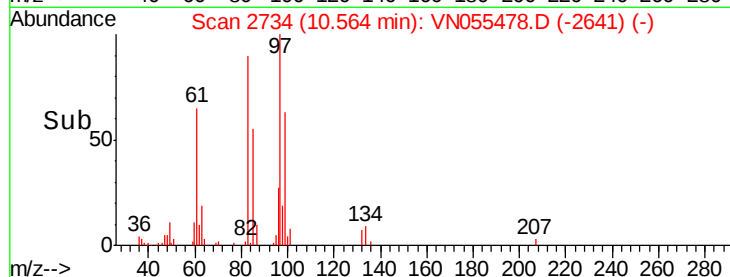
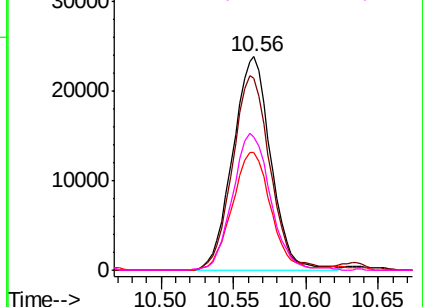


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 6.147 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

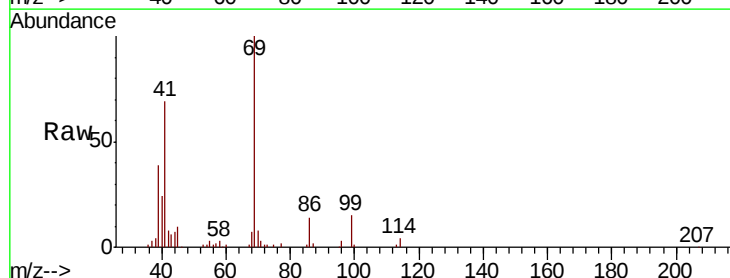
Tgt Ion: 69 Resp: 60424

Ion Ratio Lower Upper

69 100

41 71.8 56.2 84.2

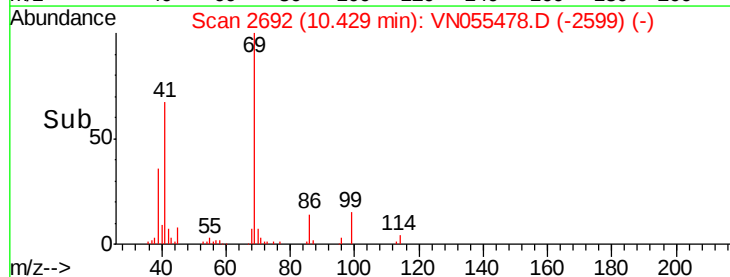
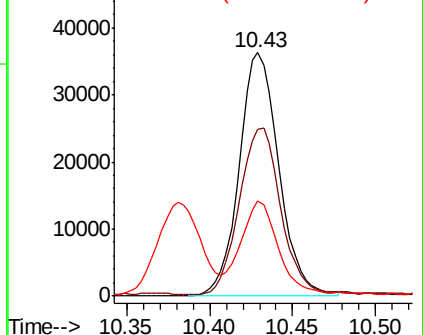
39 35.3 27.8 41.6

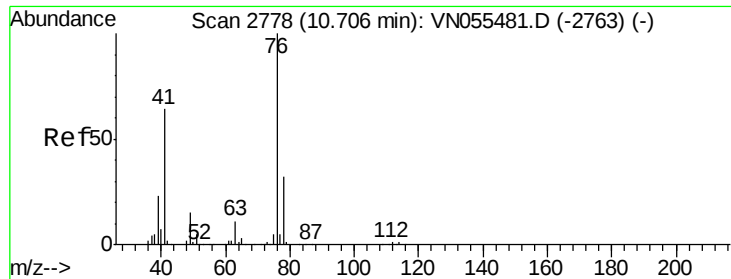


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

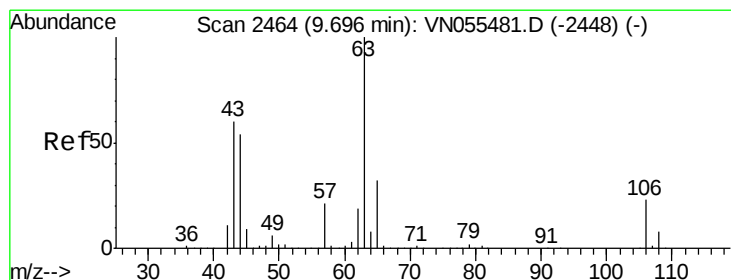
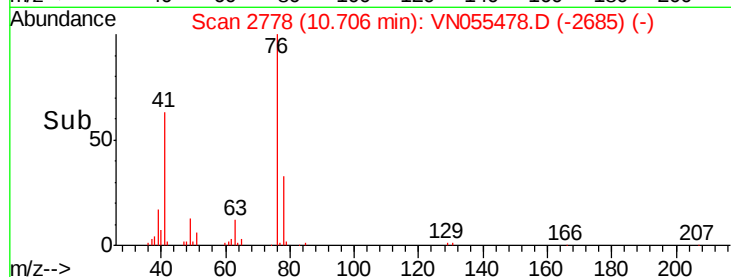
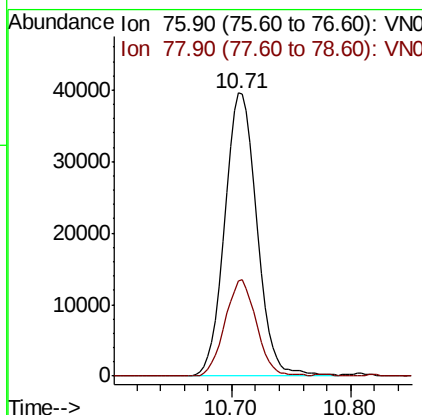
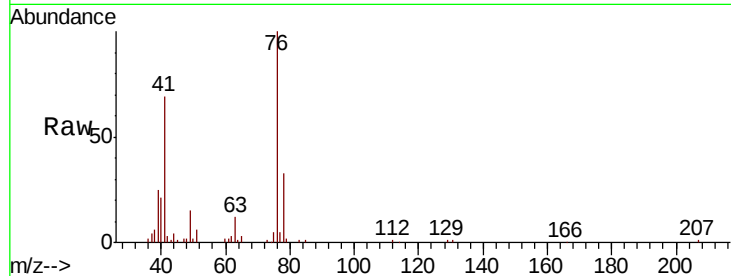




#57  
 1,3-Dichloropropane  
 Concen: 5.496 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

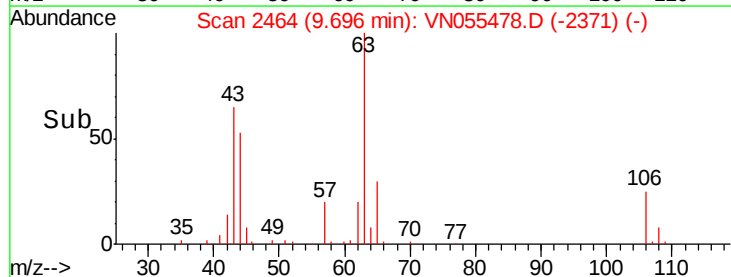
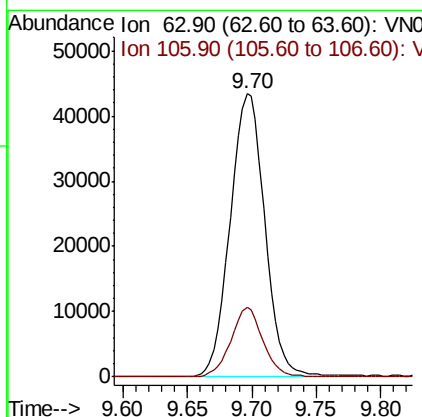
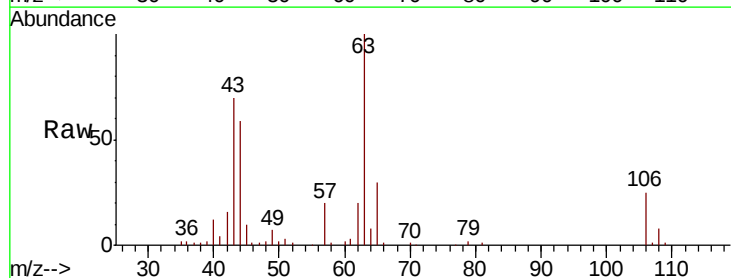
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC005

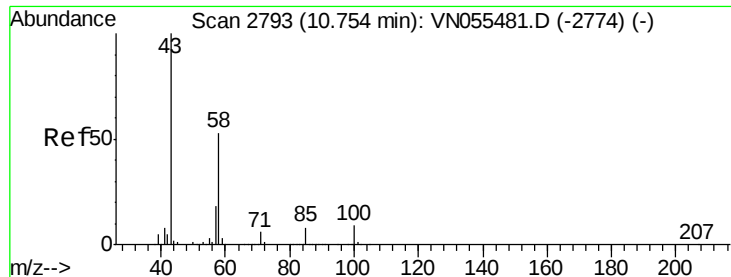
Tot Ion: 76 Resp: 74366  
 Ion Ratio Lower Upper  
 76 100  
 78 33.2 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 30.408 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion: 63 Resp: 81106  
 Ion Ratio Lower Upper  
 63 100  
 106 22.6 18.6 27.8

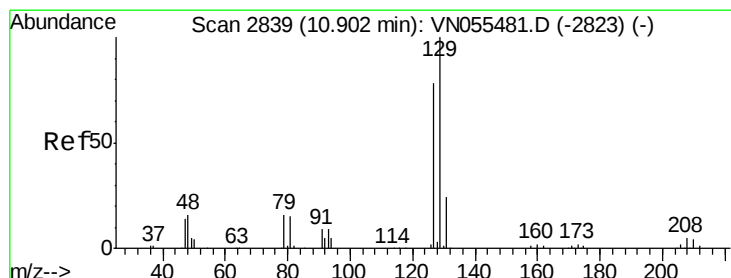
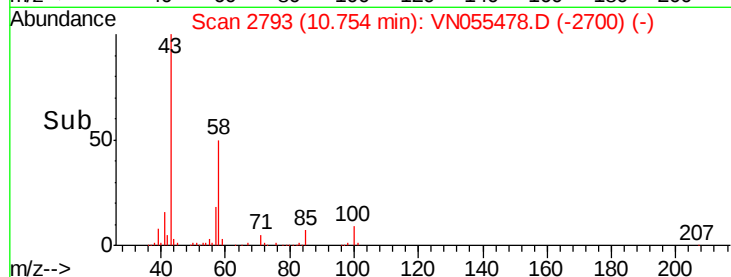
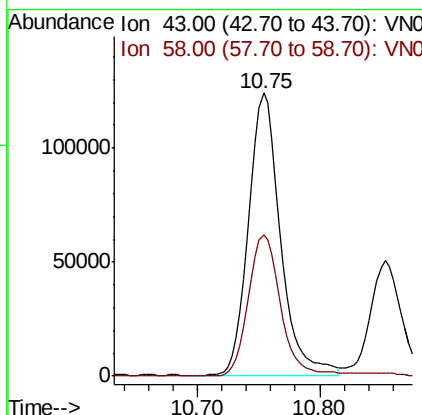
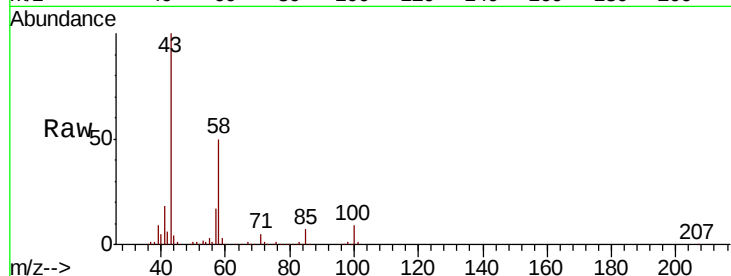




#59  
2-Hexanone  
Concen: 37.703 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

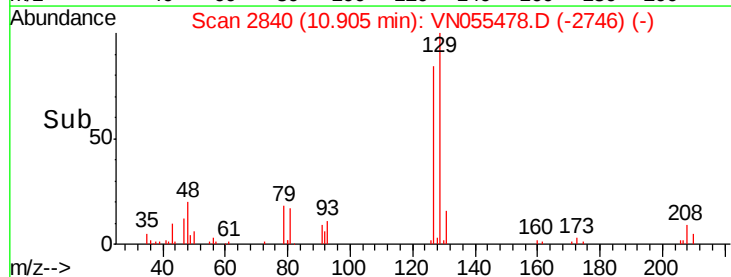
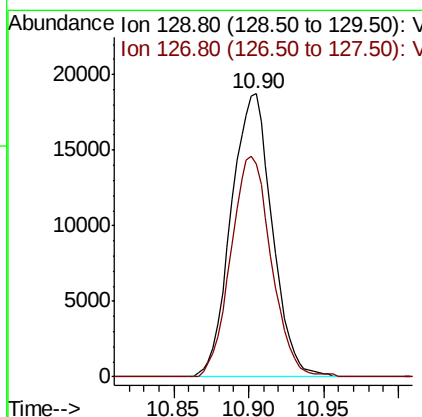
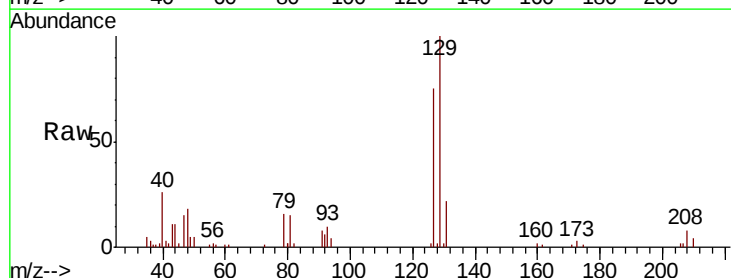
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

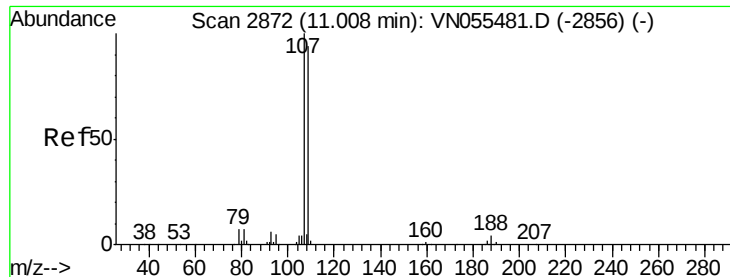
Tot Ion: 43 Resp: 222536  
Ion Ratio Lower Upper  
43 100  
58 51.1 26.4 79.0



#60  
Dibromochloromethane  
Concen: 4.647 ug/l  
RT: 10.90 min Scan# 2840  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion: 129 Resp: 35698  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.6 116.0

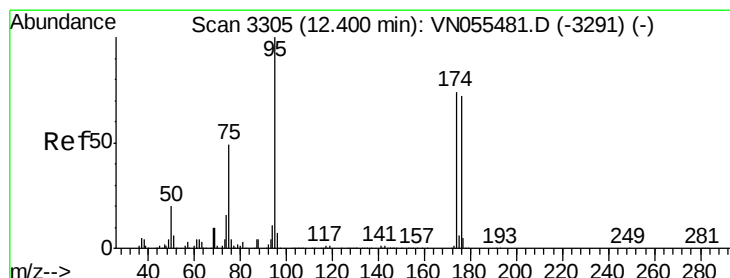
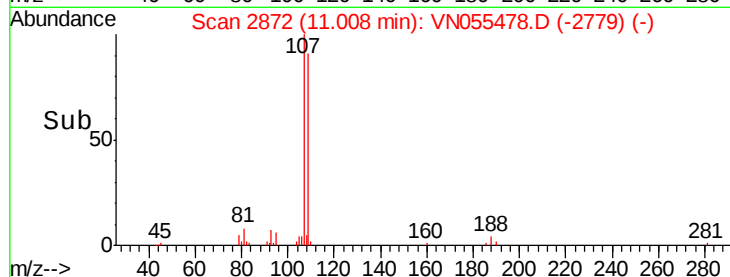
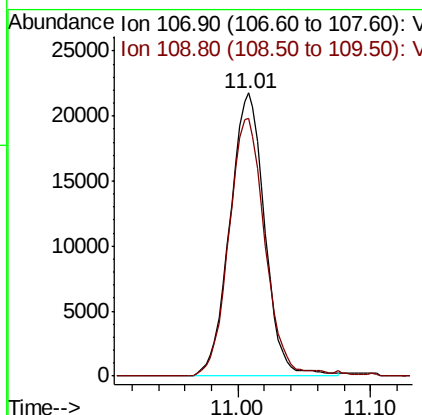
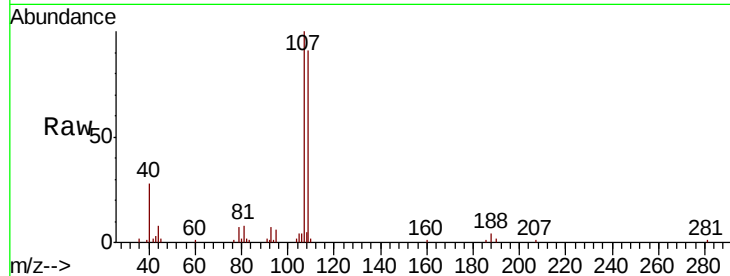




#61  
 1,2-Dibromoethane  
 Concen: 5.533 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

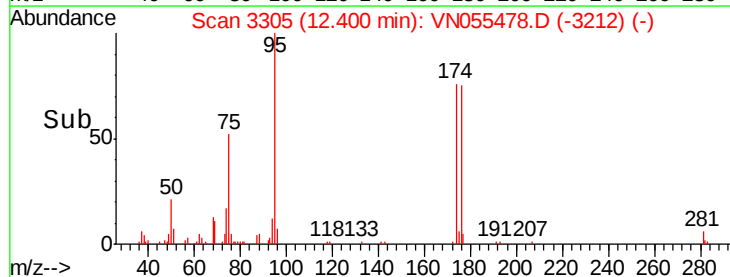
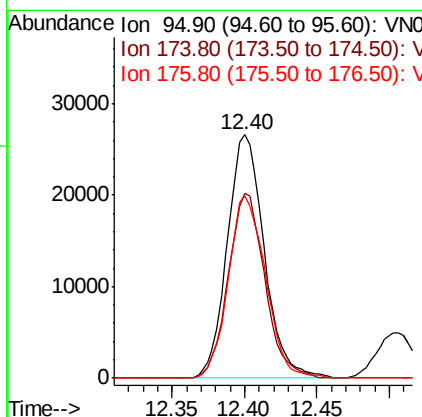
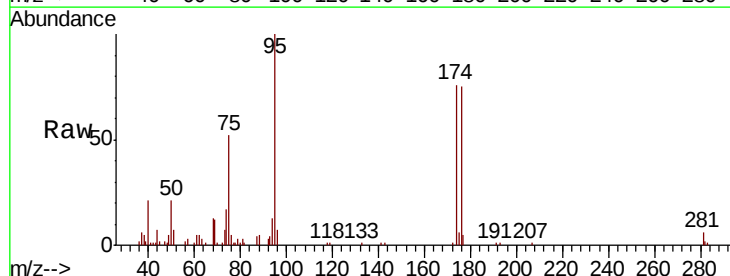
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

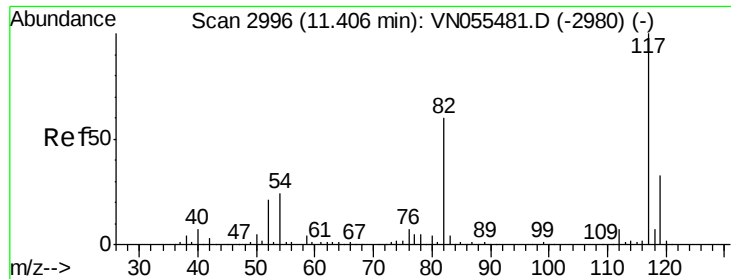
Tot Ion: 107 Resp: 39672  
 Ion Ratio Lower Upper  
 107 100  
 109 94.4 74.2 111.4



#62  
 4-Bromofluorobenzene  
 Concen: 4.988 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion: 95 Resp: 47068  
 Ion Ratio Lower Upper  
 95 100  
 174 75.2 0.0 152.2  
 176 75.5 0.0 147.8

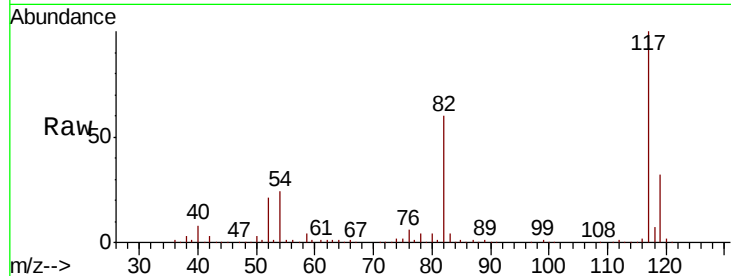




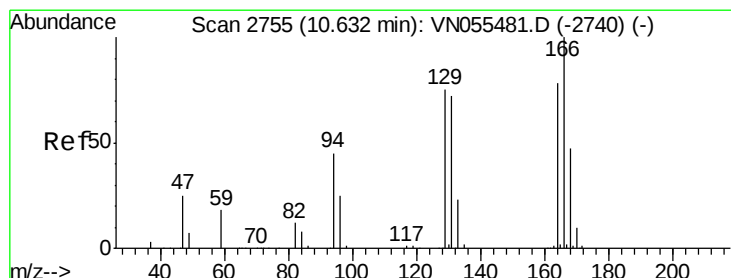
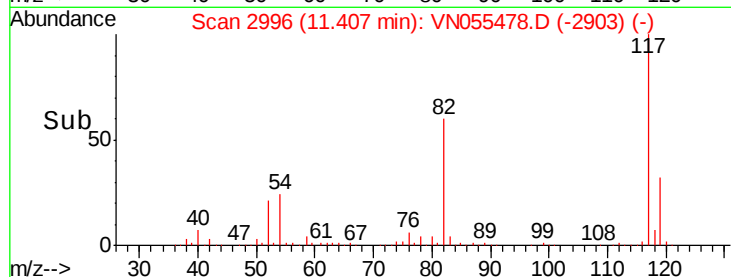
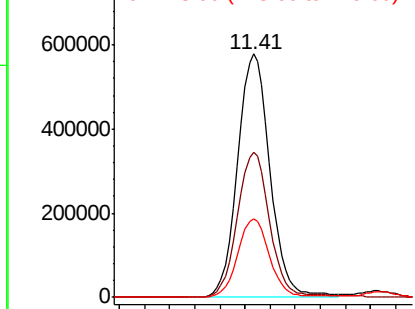
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:117 Resp: 1040536  
Ion Ratio Lower Upper  
117 100  
82 59.8 48.0 72.0  
119 32.4 26.0 39.0

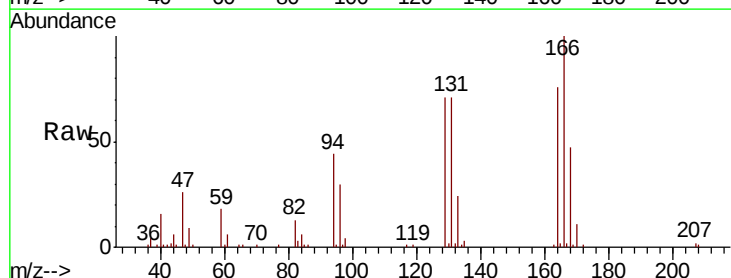


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

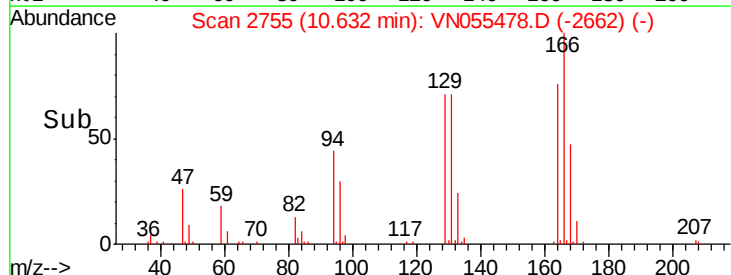
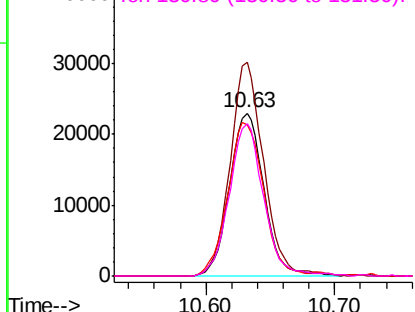


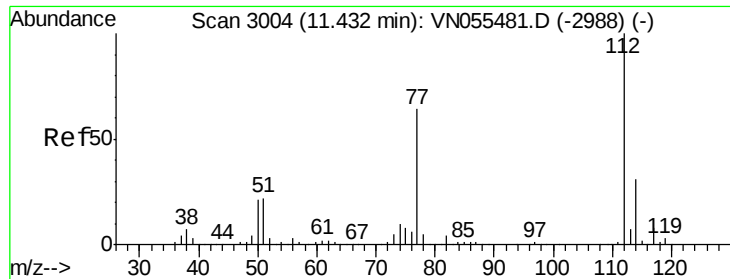
#64  
Tetrachloroethene  
Concen: 4.976 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion:164 Resp: 42591  
Ion Ratio Lower Upper  
164 100  
166 131.3 102.6 153.8  
129 92.7 77.0 115.6  
131 93.5 73.7 110.5



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

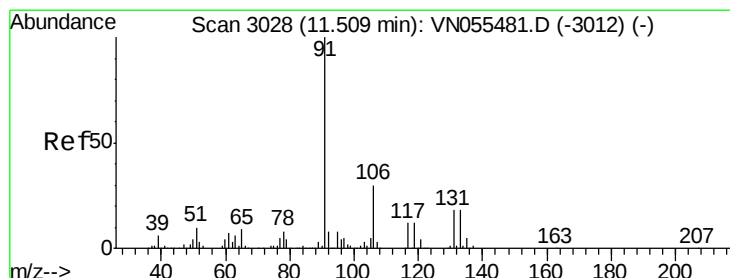
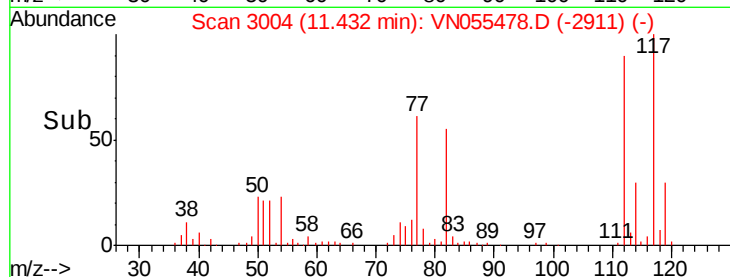
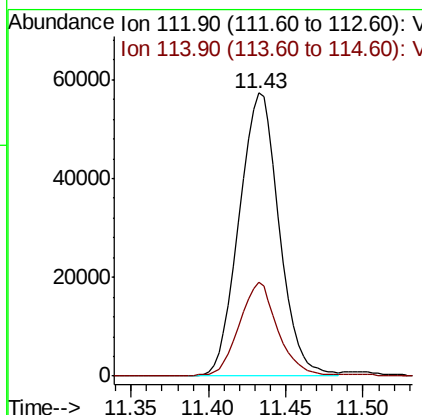
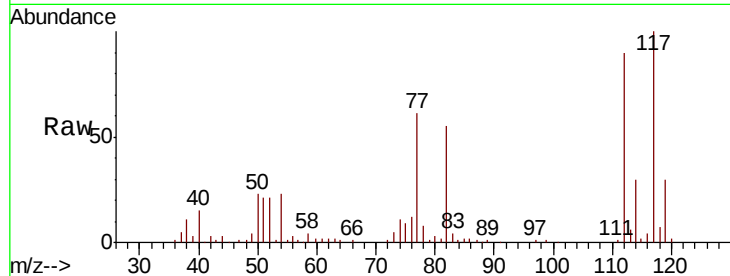




#65  
Chlorobenzene  
Concen: 5.021 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

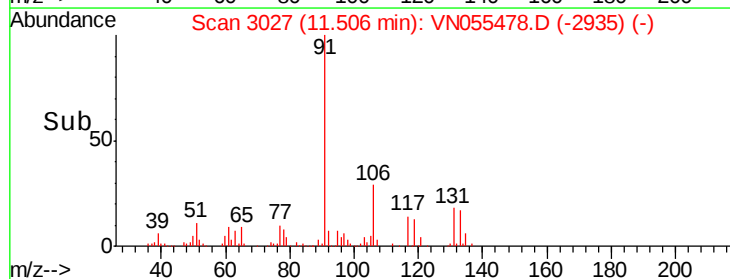
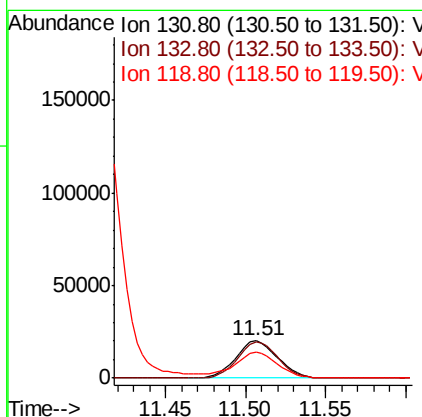
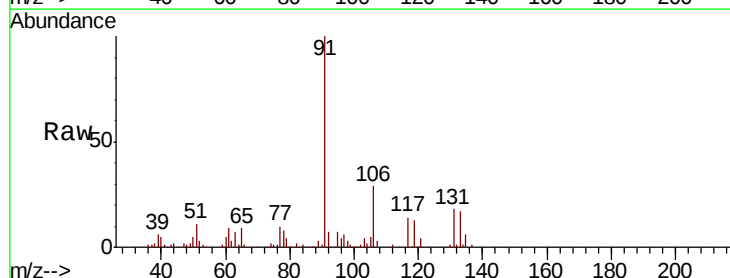
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

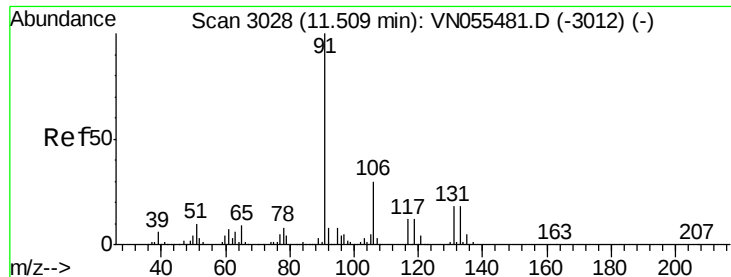
Tot Ion:112 Resp: 103468  
Ion Ratio Lower Upper  
112 100  
114 33.1 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.511 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion:131 Resp: 35729  
Ion Ratio Lower Upper  
131 100  
133 93.2 47.4 142.2  
119 70.6 34.1 102.2





#67

Ethyl Benzene

Concen: 5.327 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

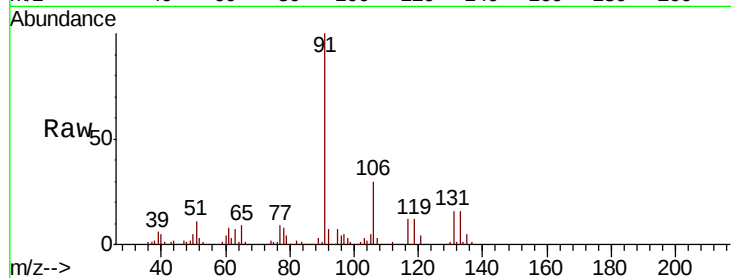
VSTDIC005

Tot Ion: 91 Resp: 199130

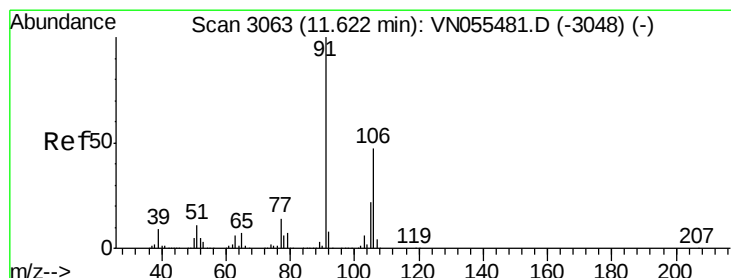
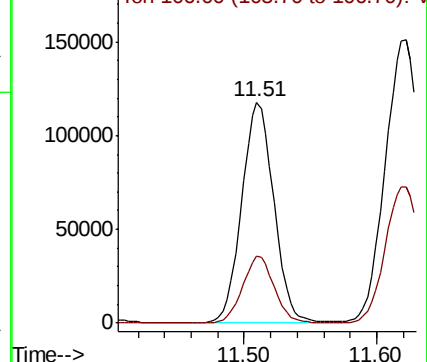
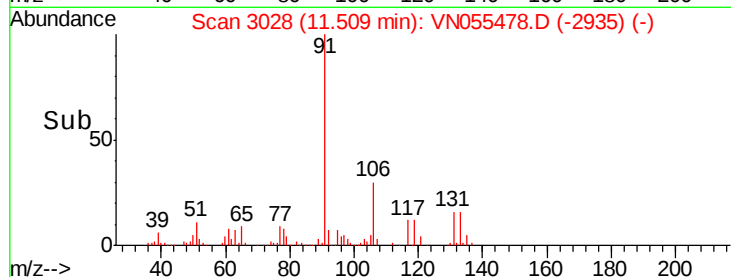
Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN055478.D (-2935) (-)



#68

m/p-Xylenes

Concen: 10.579 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN055478.D

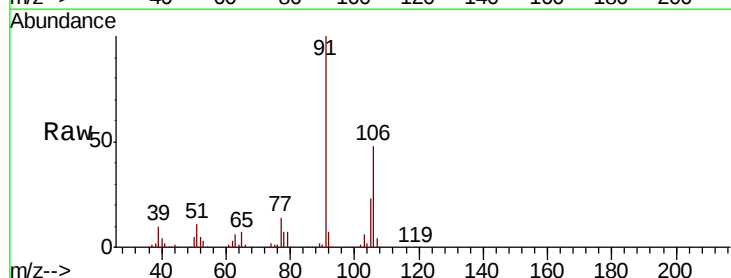
Acq: 8 May 2019 16:34

Tgt Ion: 106 Resp: 141496

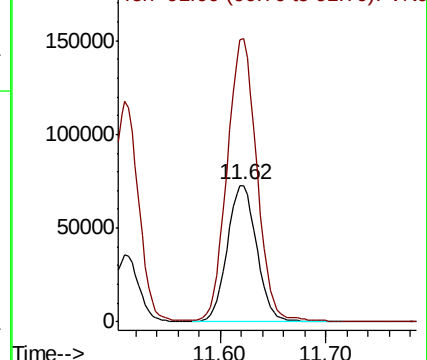
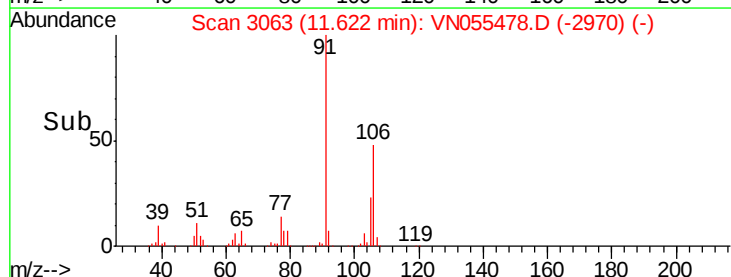
Ion Ratio Lower Upper

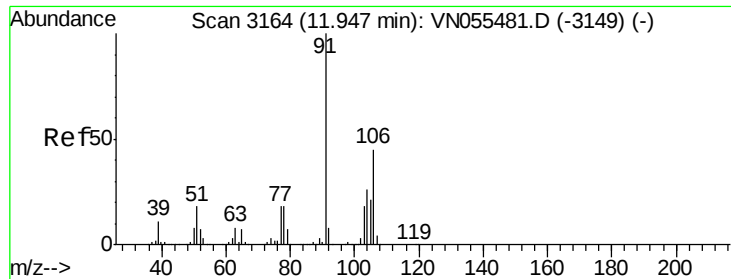
106 100

91 207.9 169.2 253.8



Abundance Ion 106.00 (105.70 to 106.70): VN055478.D (-2970) (-)

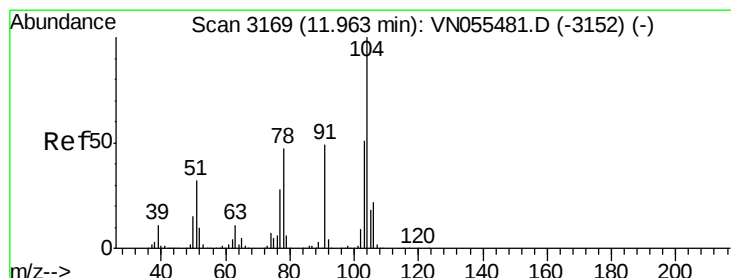
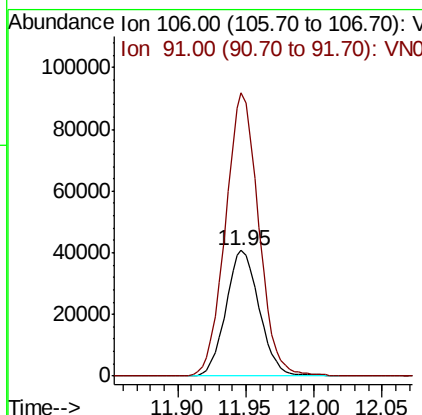
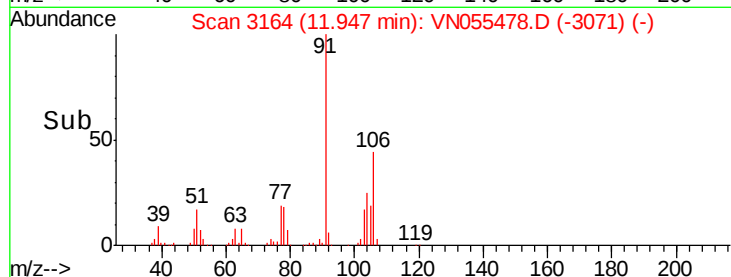
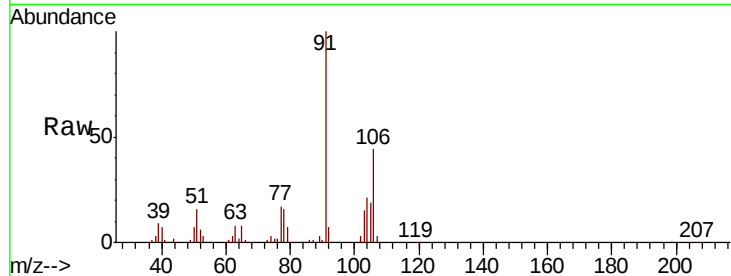




#69  
o-Xylene  
Concen: 5.230 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

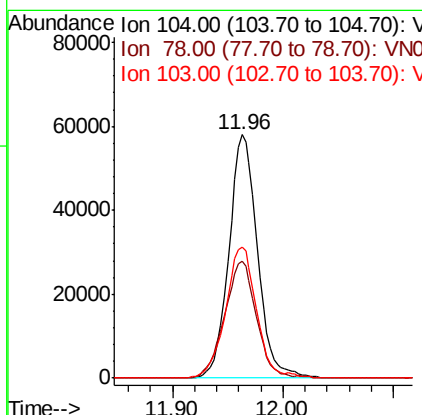
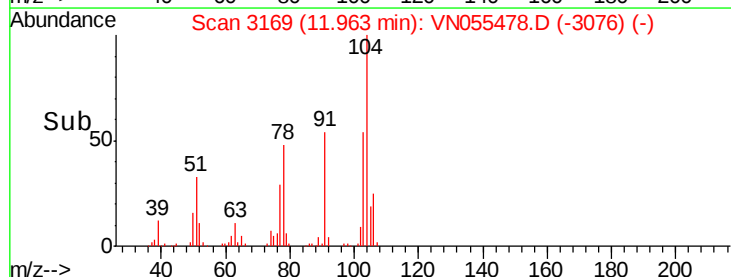
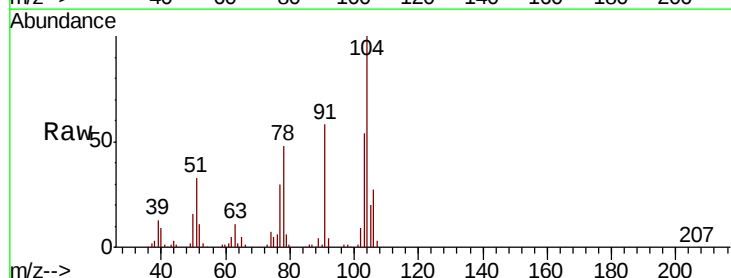
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

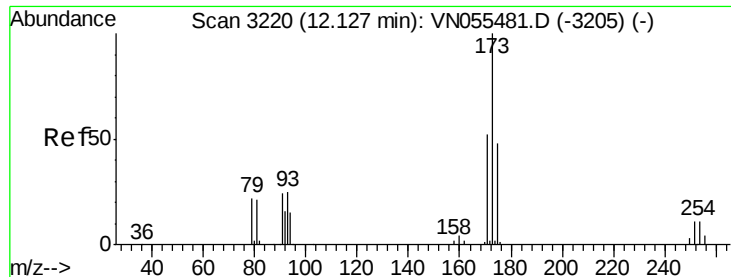
Tot Ion:106 Resp: 69353  
Ion Ratio Lower Upper  
106 100  
91 224.1 111.3 333.8



#70  
Styrene  
Concen: 5.094 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion:104 Resp: 104255  
Ion Ratio Lower Upper  
104 100  
78 53.5 41.6 62.4  
103 58.5 44.4 66.6





#71

Bromoform

Concen: 4.639 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

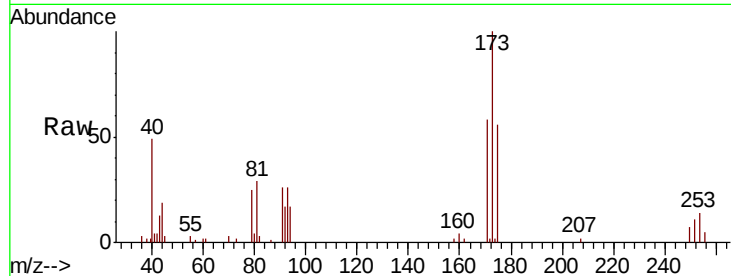
Tot Ion:173 Resp: 20978

Ion Ratio Lower Upper

173 100

175 51.4 24.1 72.4

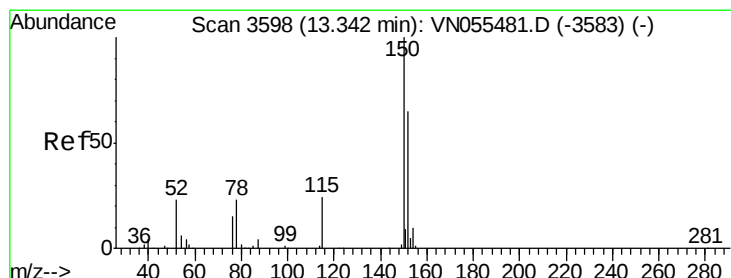
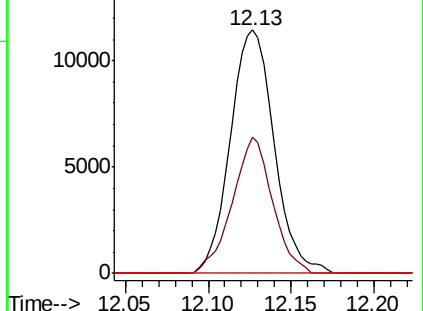
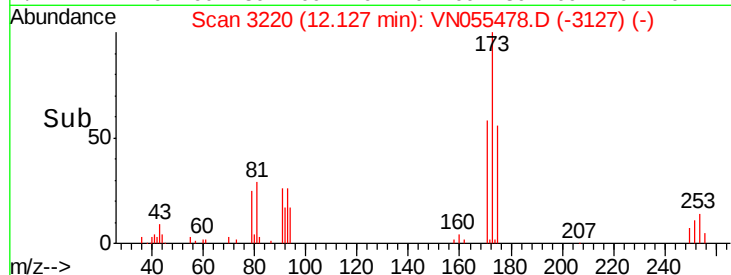
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

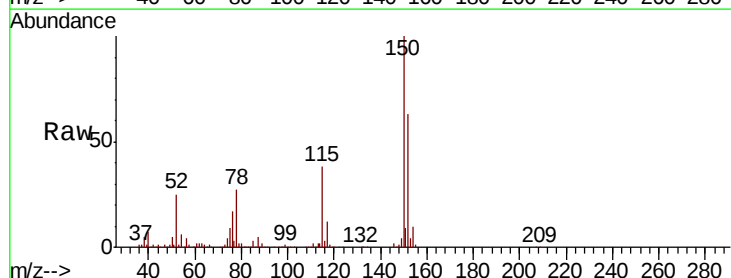
Tgt Ion:152 Resp: 353774

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.5

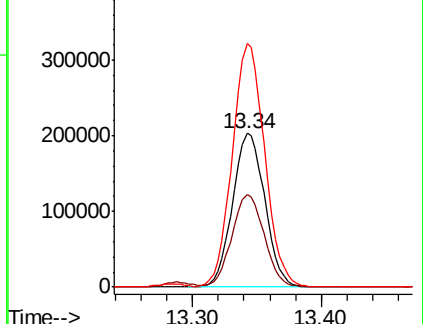
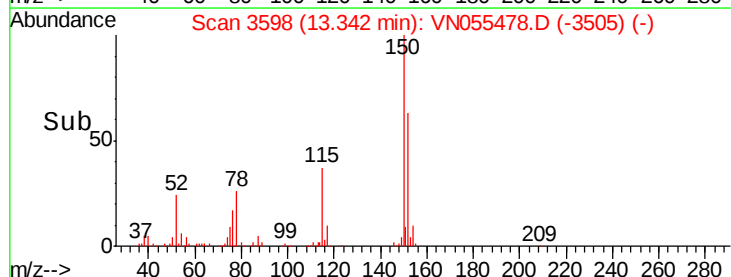
150 158.6 0.0 355.0

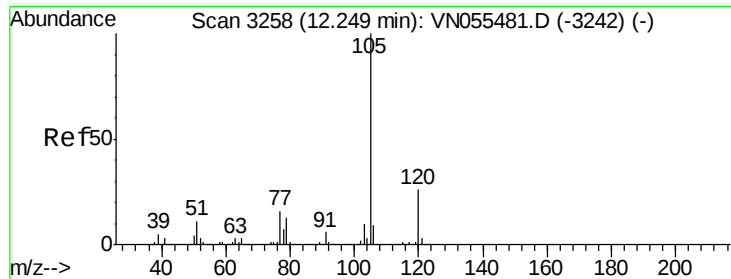


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.065 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

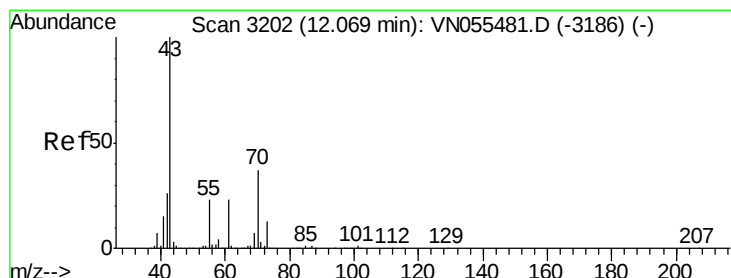
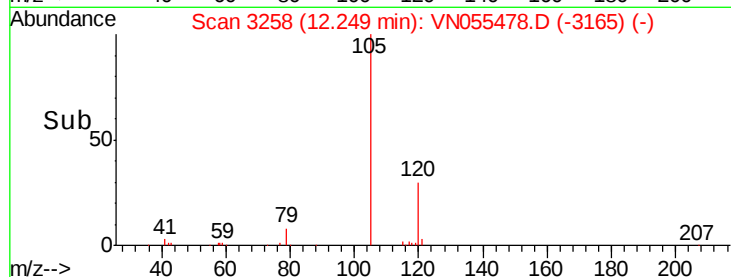
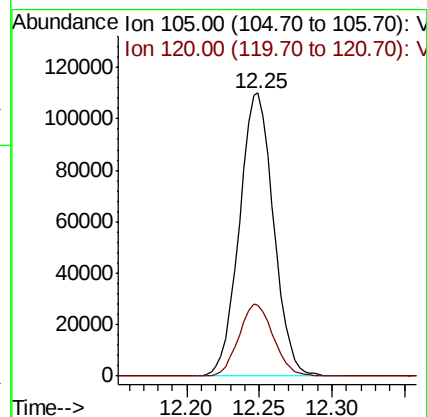
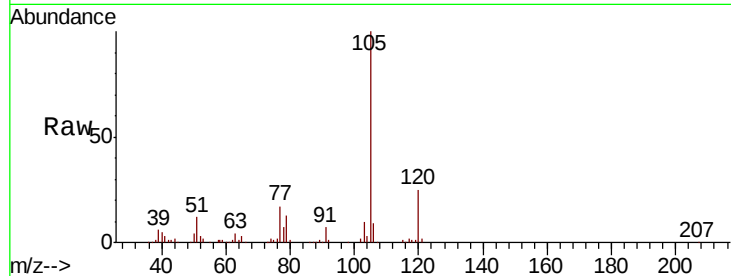
VSTDIC005

Tot Ion:105 Resp: 179905

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 6.610 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Tgt Ion: 43 Resp: 64798

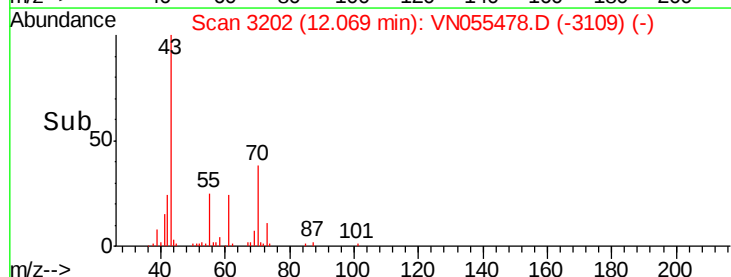
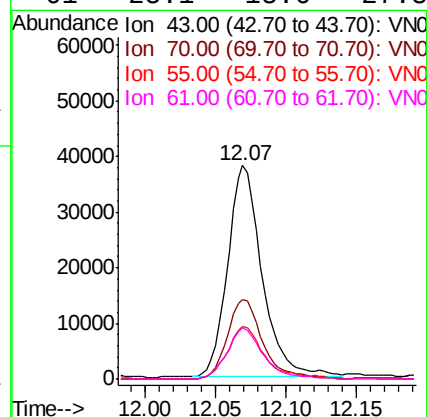
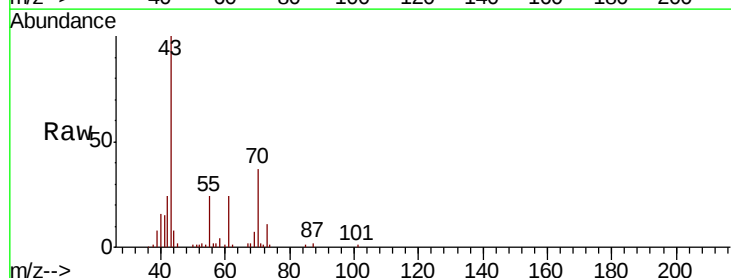
Ion Ratio Lower Upper

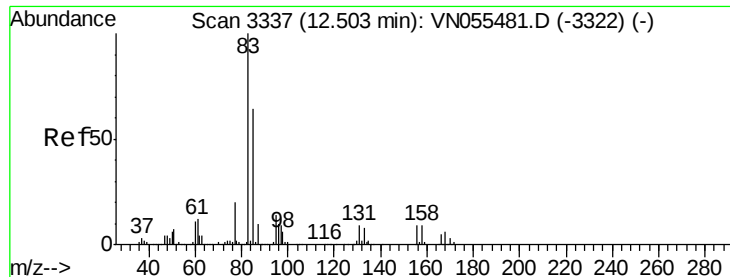
43 100

70 38.6 30.7 46.1

55 26.9 19.3 28.9

61 25.1 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 6.501 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

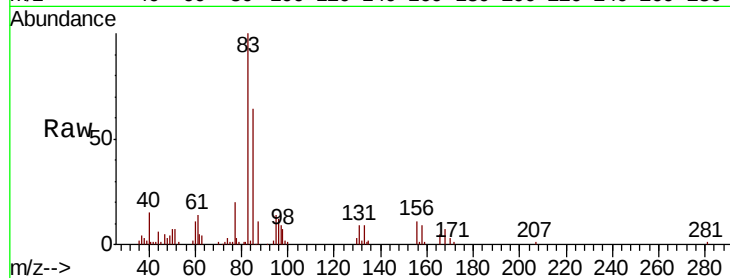
Tot Ion: 83 Resp: 61118

Ion Ratio Lower Upper

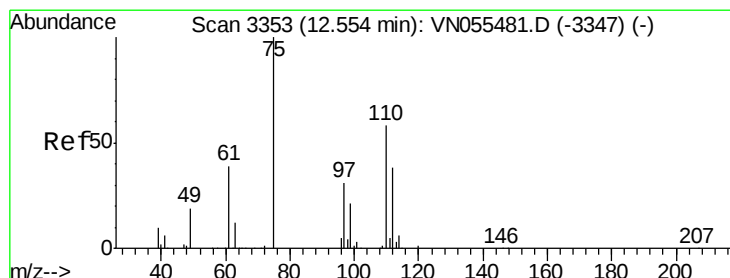
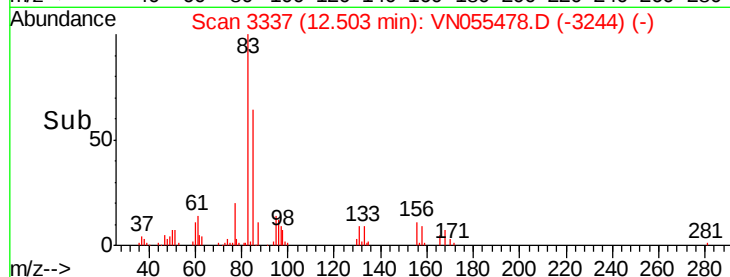
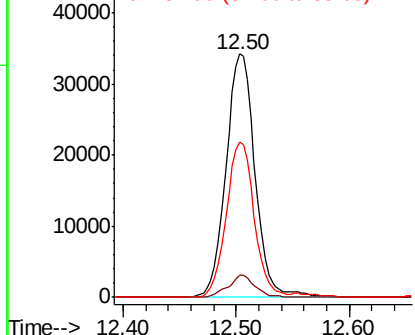
83 100

131 8.3 4.5 13.5

85 61.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 130.80 (130.50 to 131.50): VNO  
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 8.010 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055478.D

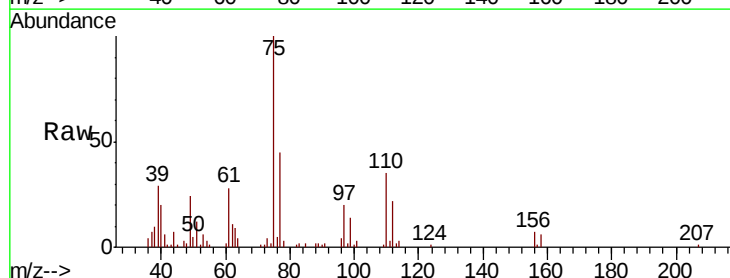
Acq: 8 May 2019 16:34

Tgt Ion: 75 Resp: 67678

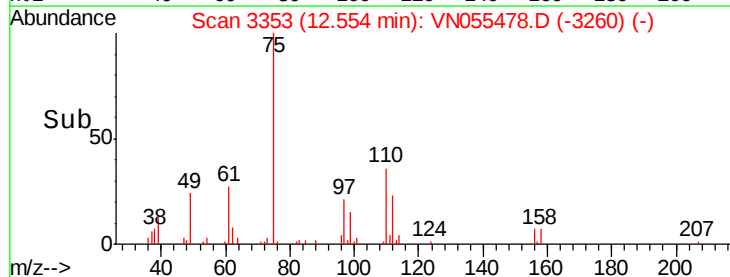
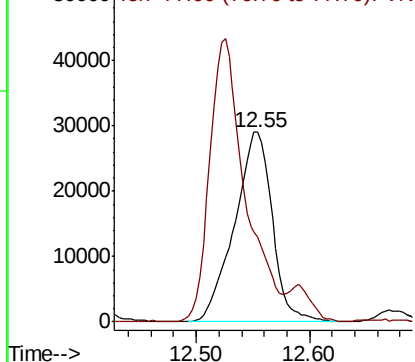
Ion Ratio Lower Upper

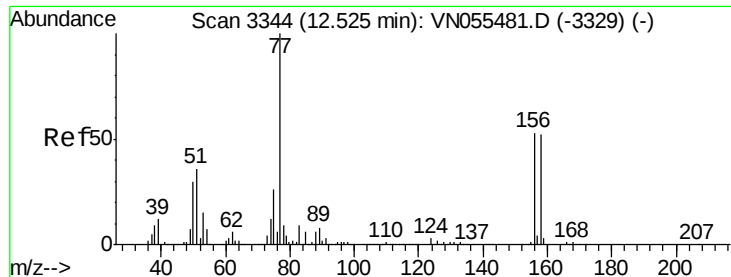
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 4.891 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

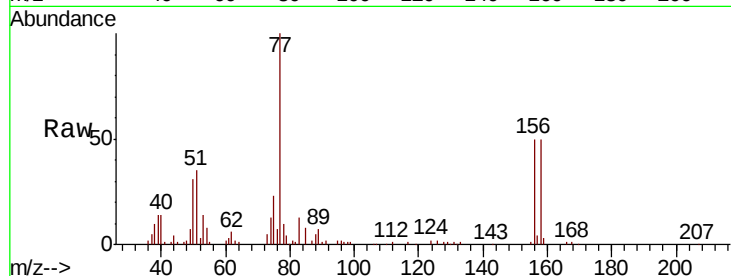
Tot Ion:156 Resp: 39292

Ion Ratio Lower Upper

156 100

77 240.8 115.4 346.2

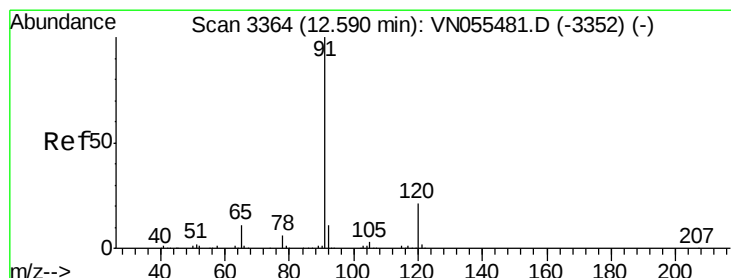
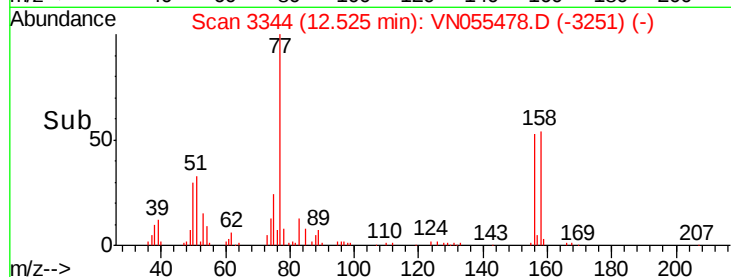
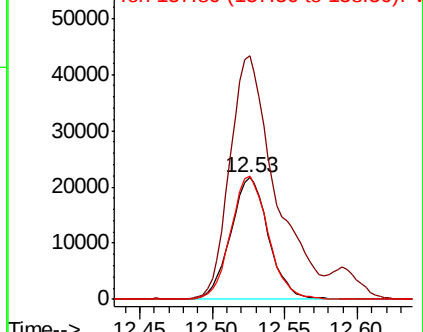
158 99.9 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.279 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055478.D

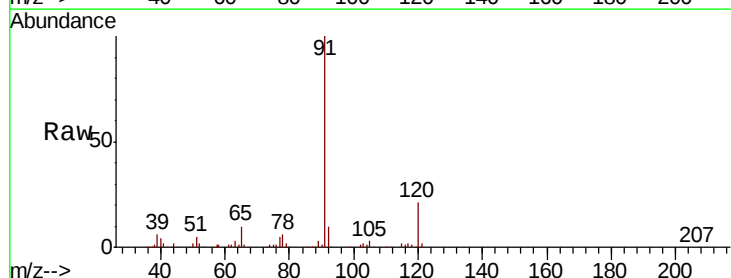
Acq: 8 May 2019 16:34

Tgt Ion: 91 Resp: 194101

Ion Ratio Lower Upper

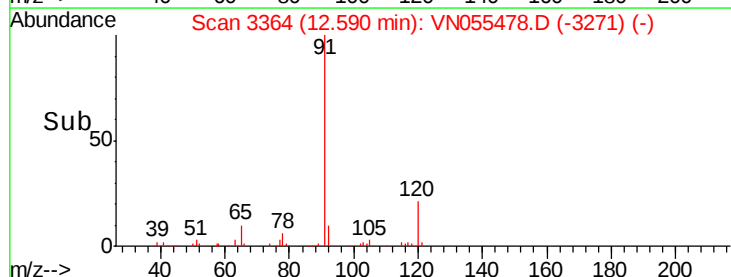
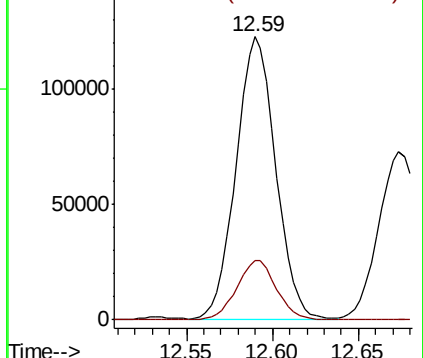
91 100

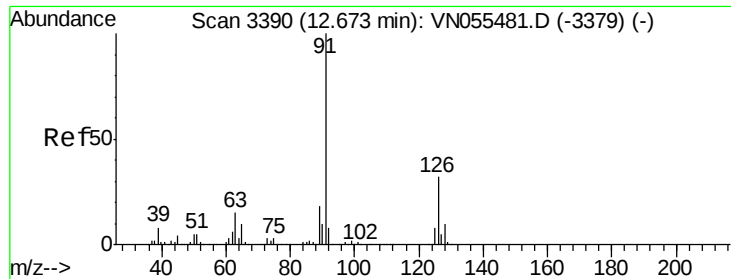
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.305 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

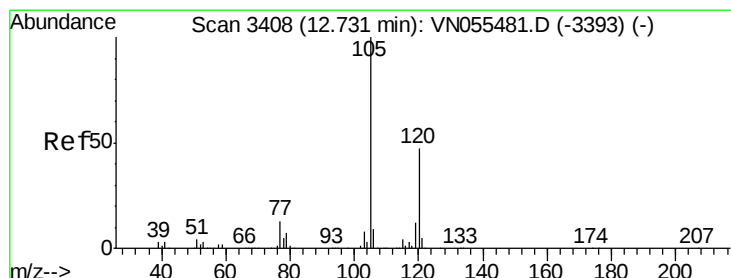
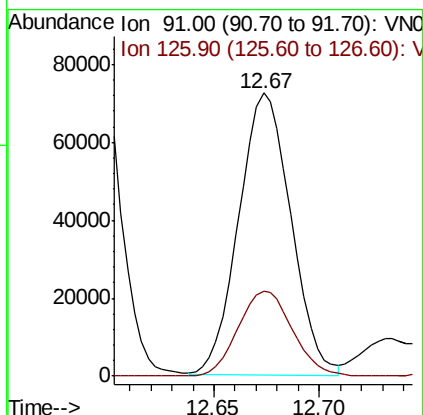
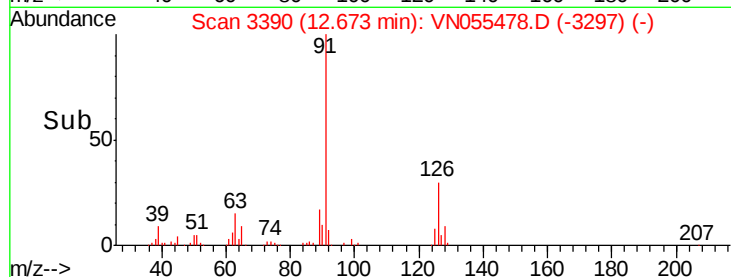
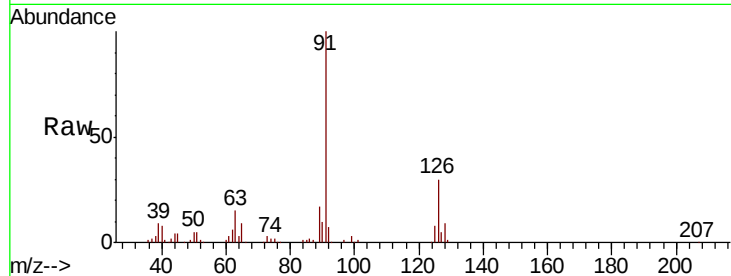
VSTDIC005

Tot Ion: 91 Resp: 124763

Ion Ratio Lower Upper

91 100

126 31.3 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 5.337 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055478.D

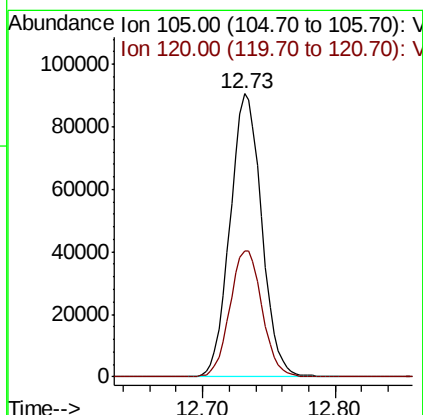
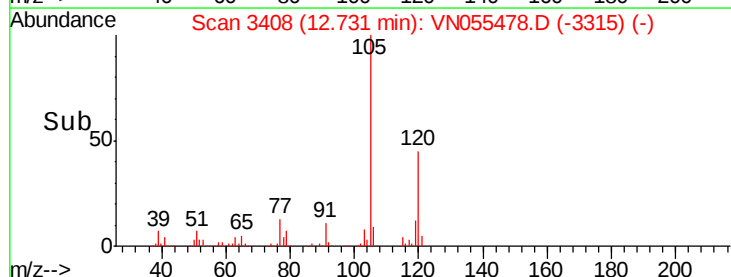
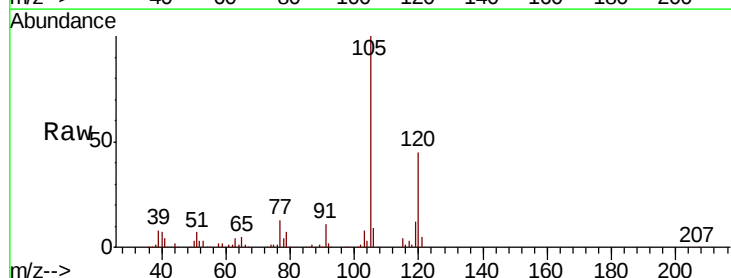
Acq: 8 May 2019 16:34

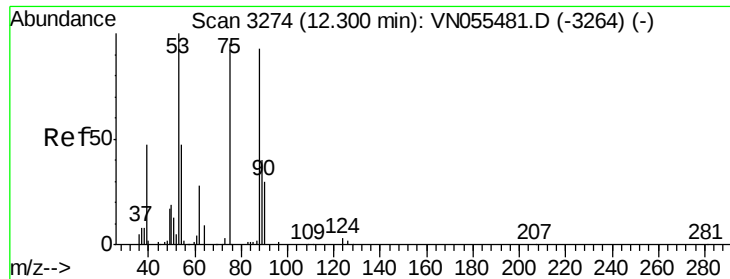
Tgt Ion: 105 Resp: 150019

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 6.482 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

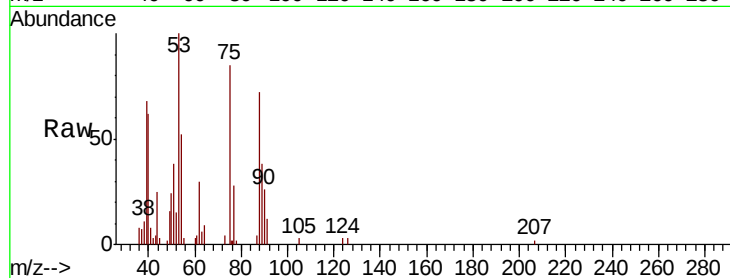
Tot Ion: 75 Resp: 13128

Ion Ratio Lower Upper

75 100

53 127.6 86.5 129.7

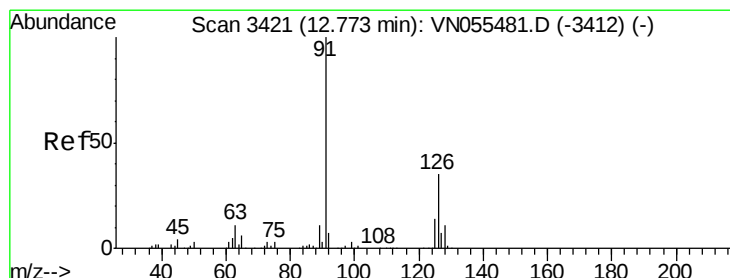
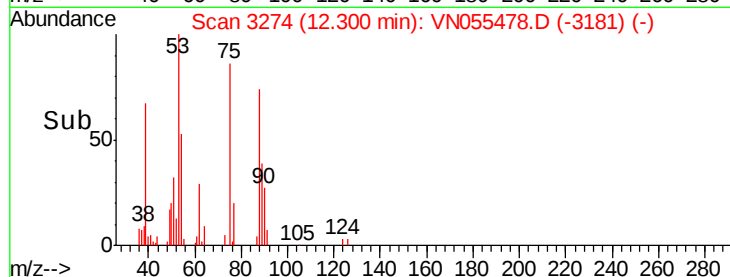
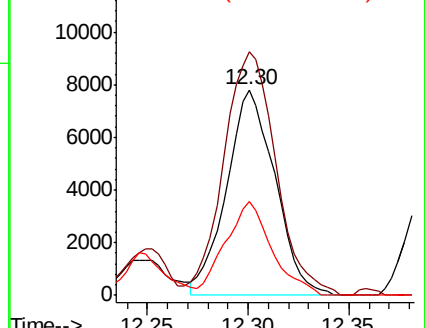
89 43.4 35.7 53.5



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: 5.376 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055478.D

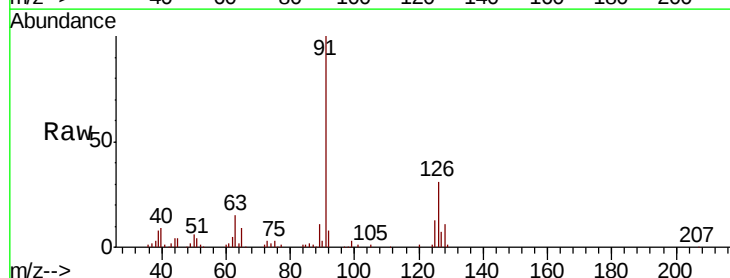
Acq: 8 May 2019 16:34

Tgt Ion: 91 Resp: 115359

Ion Ratio Lower Upper

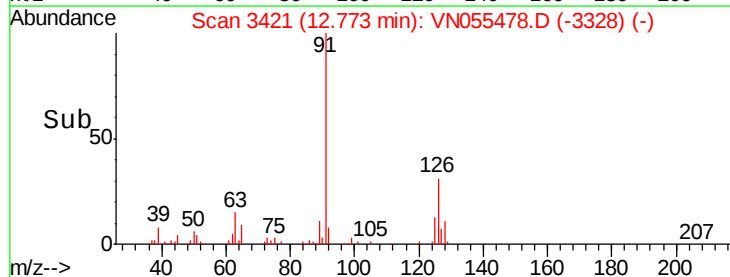
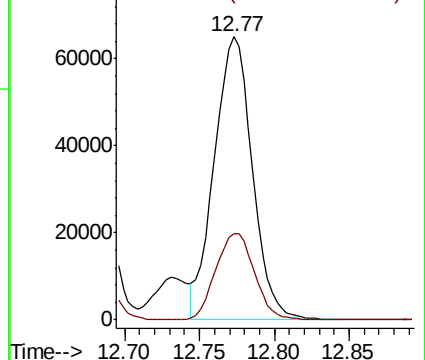
91 100

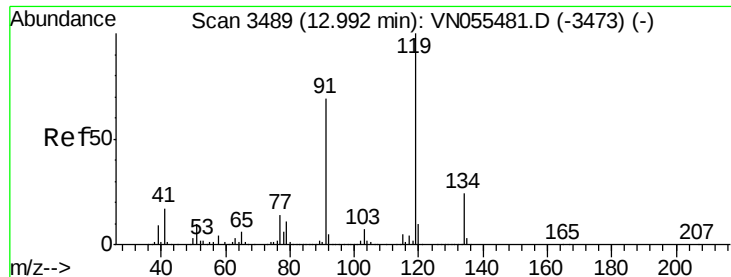
126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

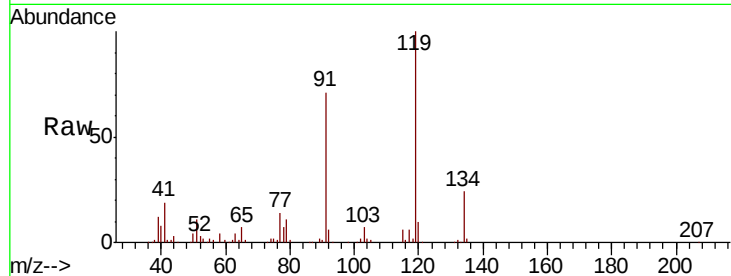




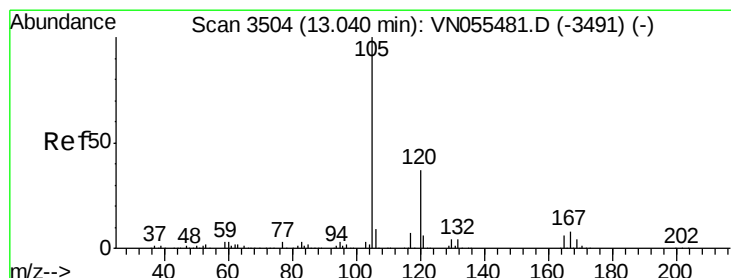
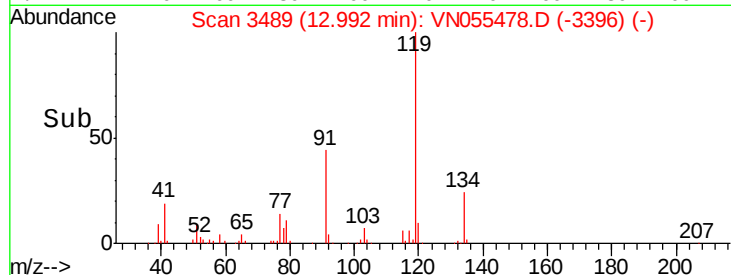
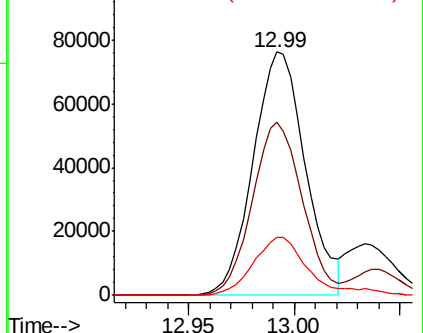
#83  
tert-Butylbenzene  
Concen: 5.234 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:119 Resp: 131453  
Ion Ratio Lower Upper  
119 100  
91 68.0 33.8 101.3  
134 25.5 12.5 37.5

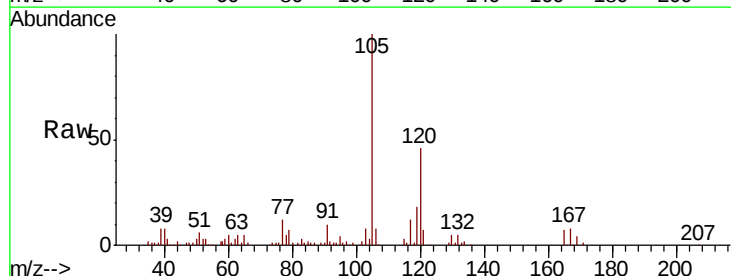


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

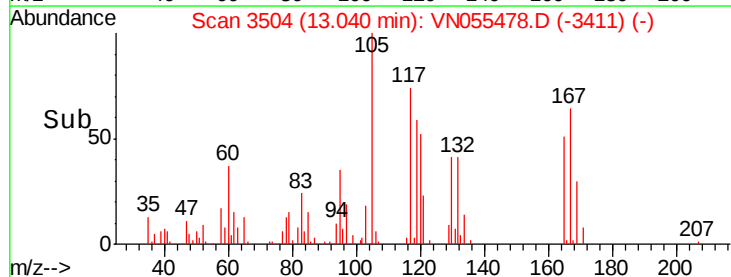
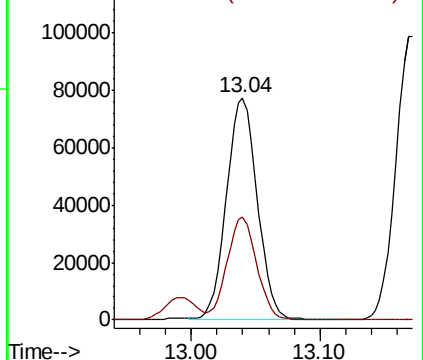


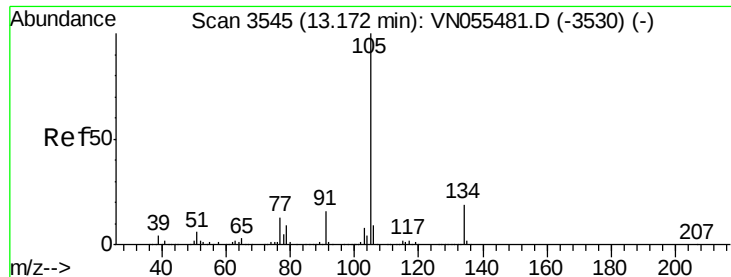
#84  
1,2,4-Trimethylbenzene  
Concen: 5.123 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN055478.D  
Acq: 8 May 2019 16:34

Tgt Ion:105 Resp: 128755  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 5.469 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

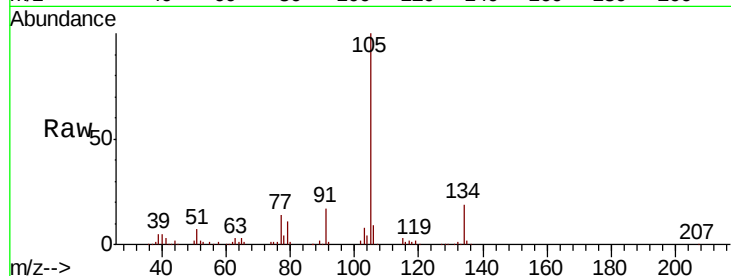
VSTDIC005

Tot Ion:105 Resp: 167649

Ion Ratio Lower Upper

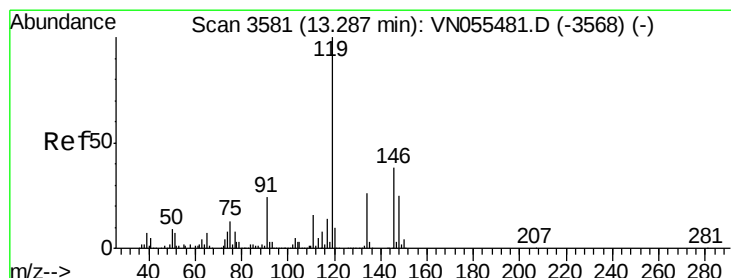
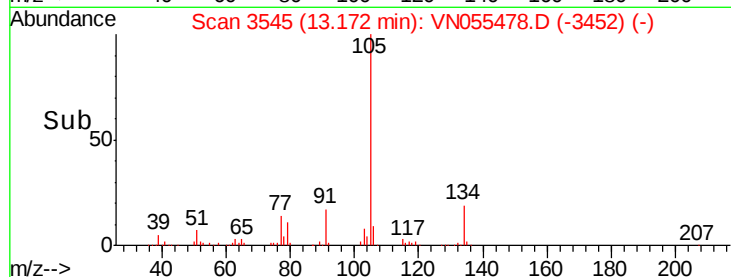
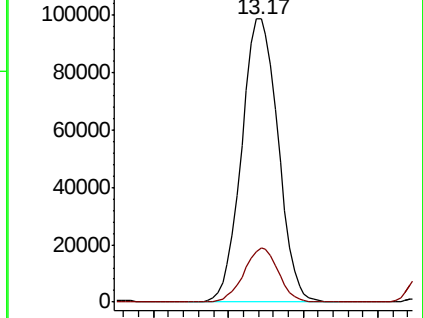
105 100

134 18.2 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.321 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

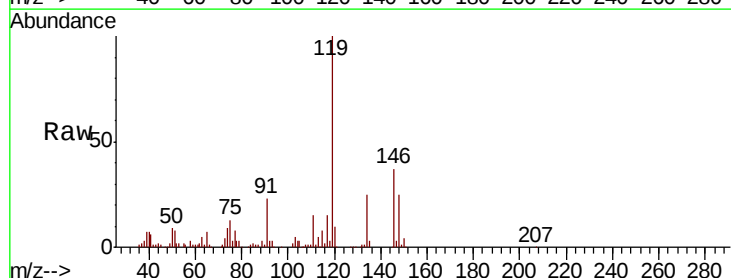
Tgt Ion:119 Resp: 133882

Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.4

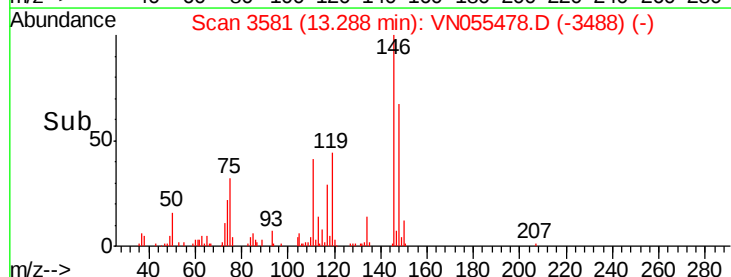
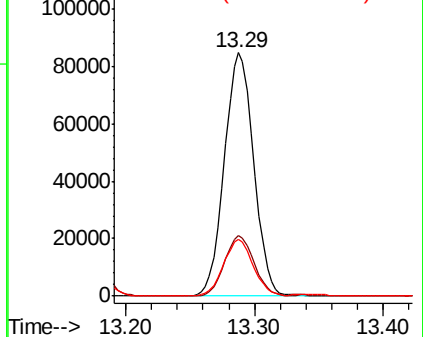
91 23.6 12.0 36.0

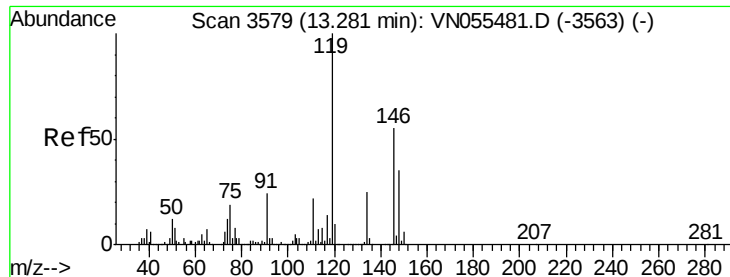


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

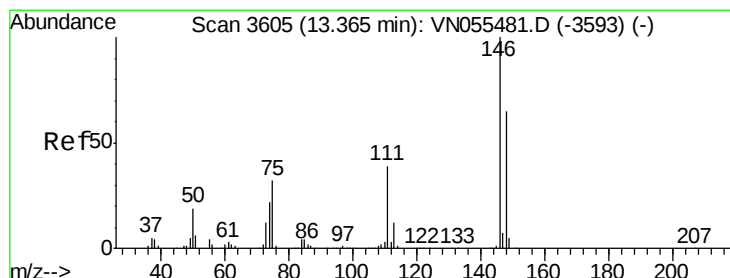
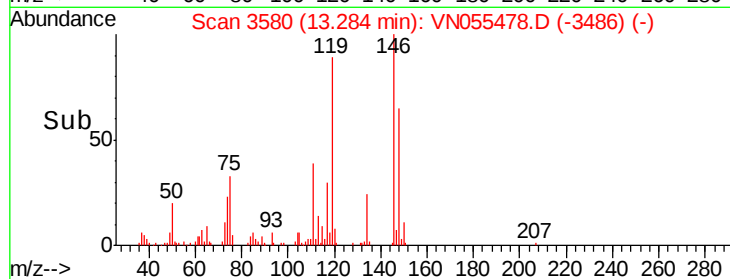
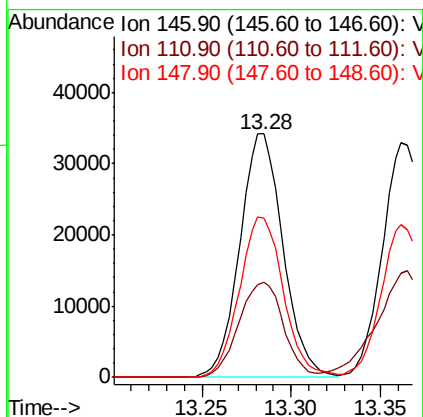
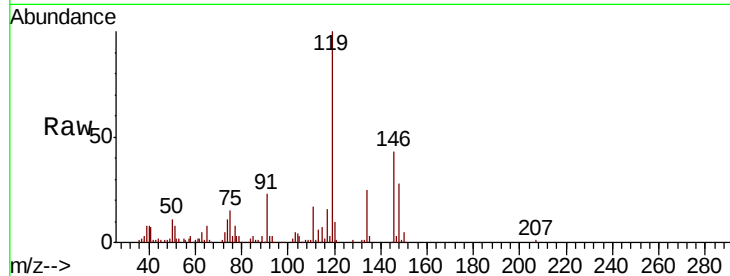




#87  
 1,3-Dichlorobenzene  
 Concen: 4.829 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

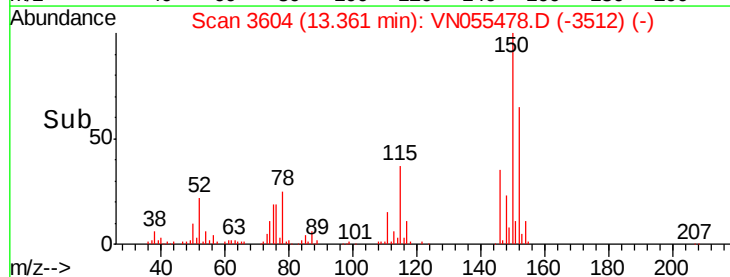
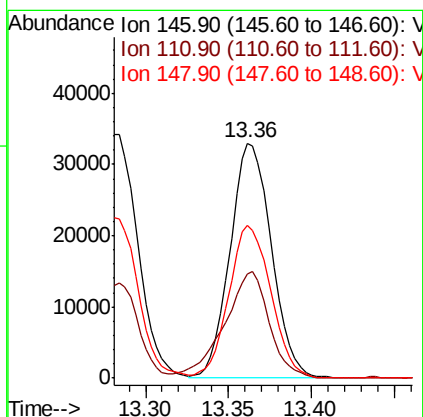
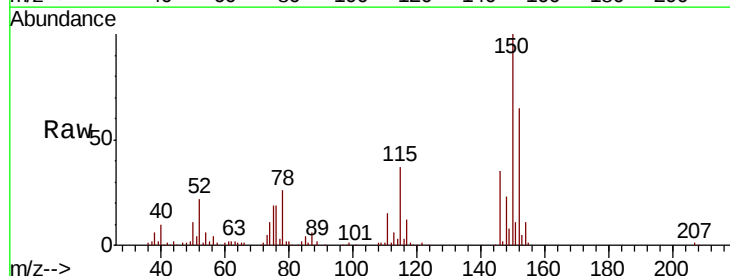
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

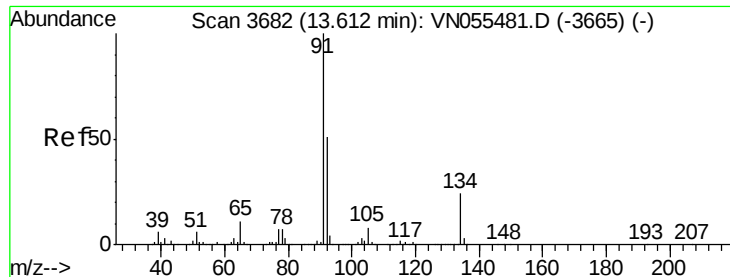
Tot Ion:146 Resp: 57789  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 20.4 61.3  
 148 66.9 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 5.089 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. -0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion:146 Resp: 57382  
 Ion Ratio Lower Upper  
 146 100  
 111 49.2 19.6 58.8  
 148 66.0 32.5 97.4





#89

n-Butylbenzene

Concen: 5.210 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

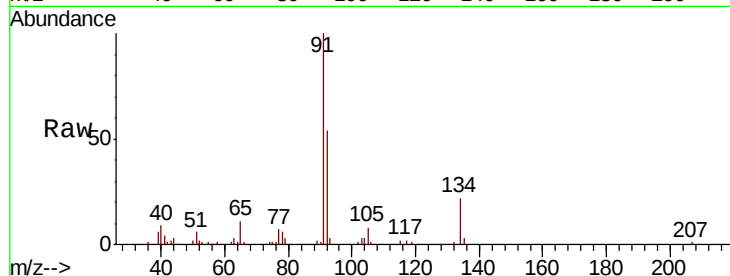
Tot Ion: 91 Resp: 94513

Ion Ratio Lower Upper

91 100

92 53.8 25.9 77.7

134 23.4 11.8 35.4

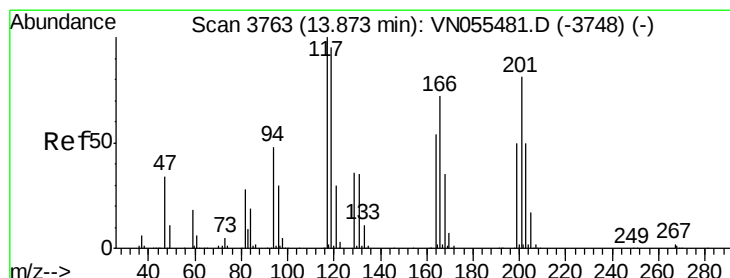
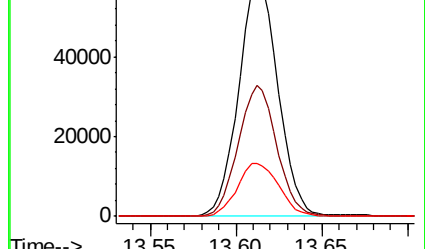
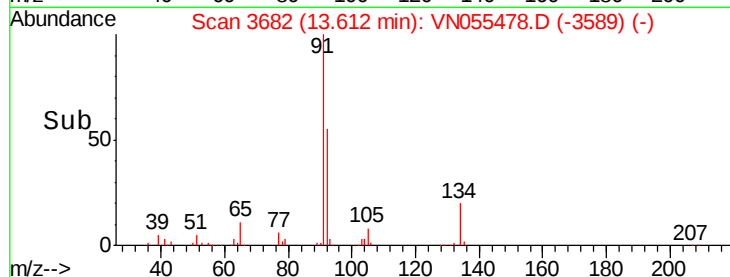


Abundance Ion 91.00 (90.70 to 91.70): VN055478.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055478.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055478.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 4.664 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055478.D

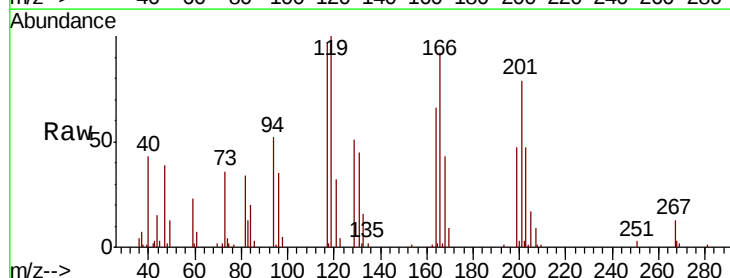
Acq: 8 May 2019 16:34

Tgt Ion: 117 Resp: 21819

Ion Ratio Lower Upper

117 100

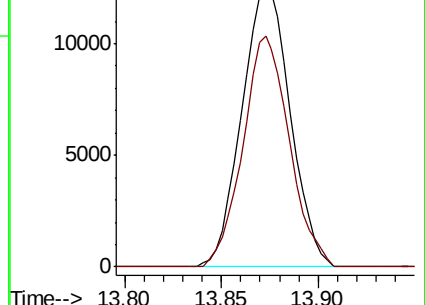
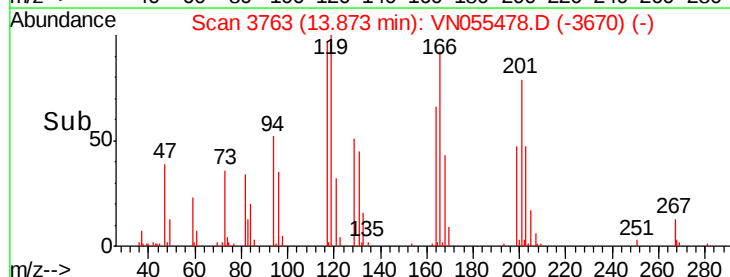
201 79.1 40.1 120.2

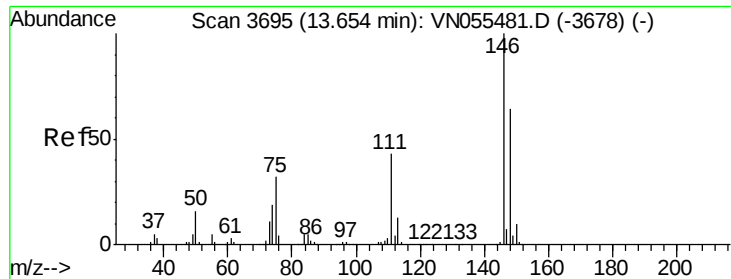


Abundance Ion 116.80 (116.50 to 117.50): VN055478.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055478.D (-3763) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 4.910 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

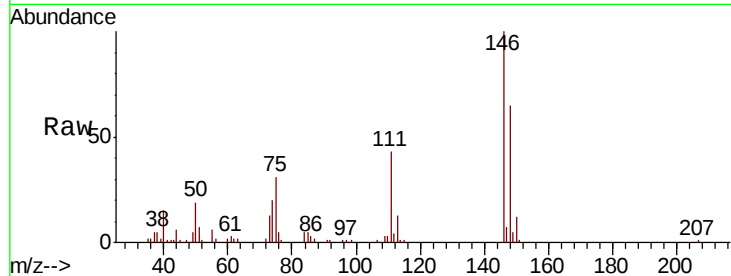
Tot Ion:146 Resp: 58299

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

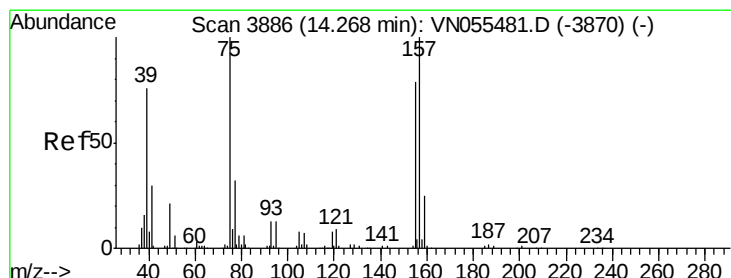
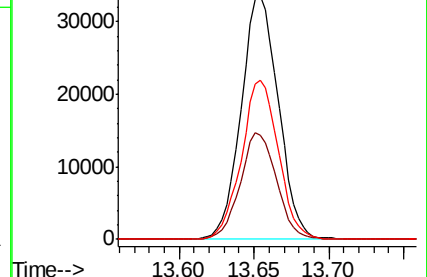
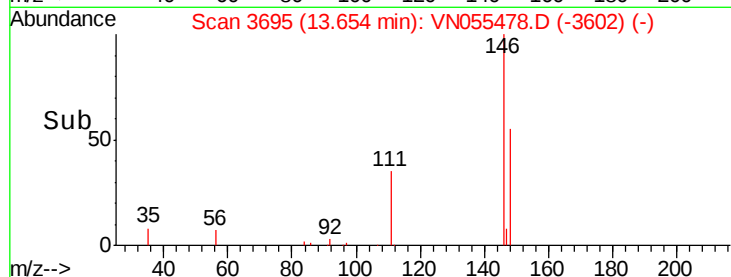
148 64.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.064 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

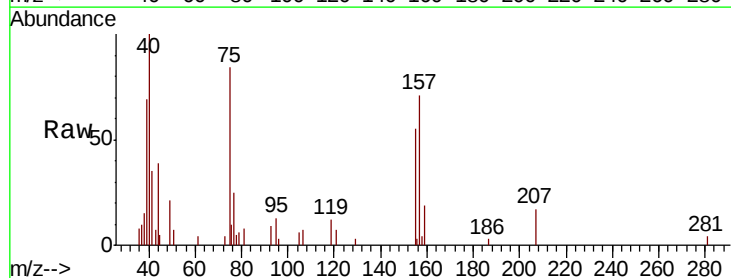
Tgt Ion: 75 Resp: 7337

Ion Ratio Lower Upper

75 100

155 71.2 39.3 117.8

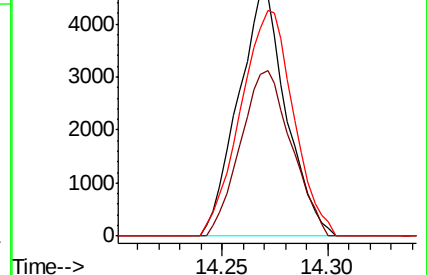
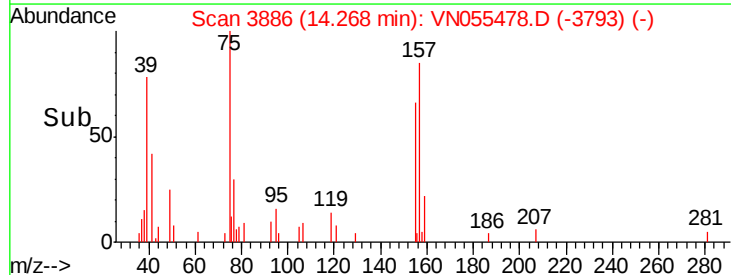
157 101.0 50.6 151.8

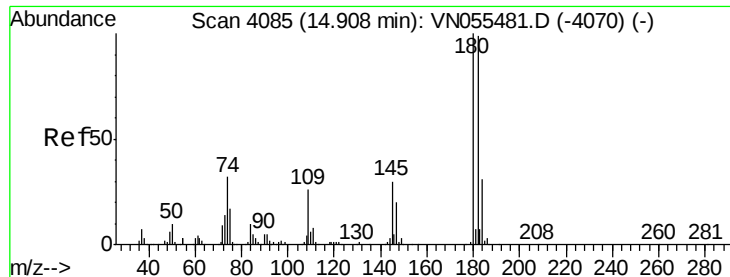


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

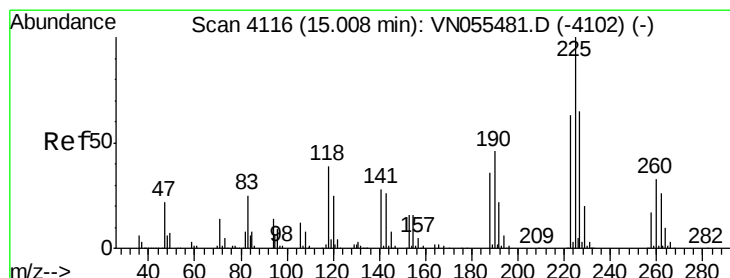
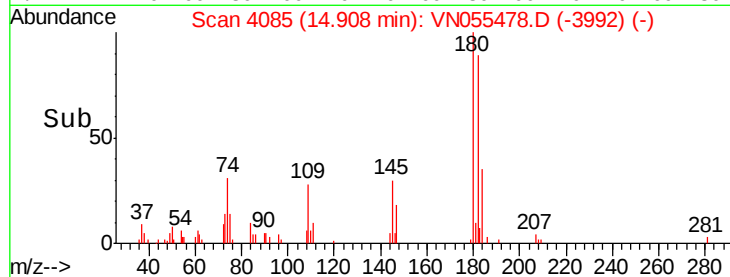
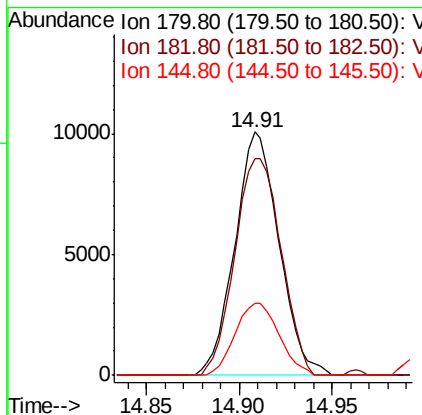
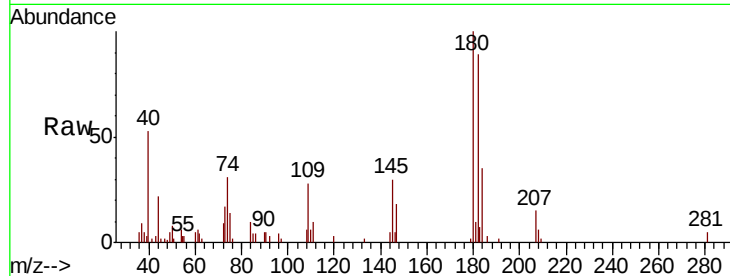




#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.417 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

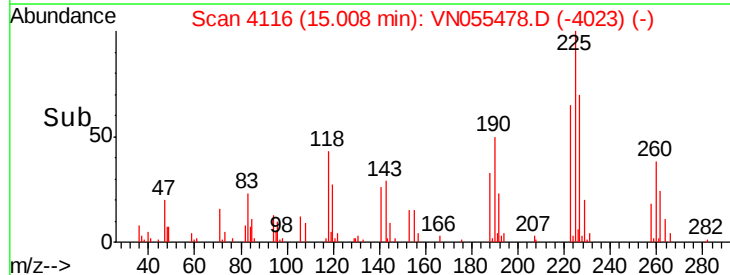
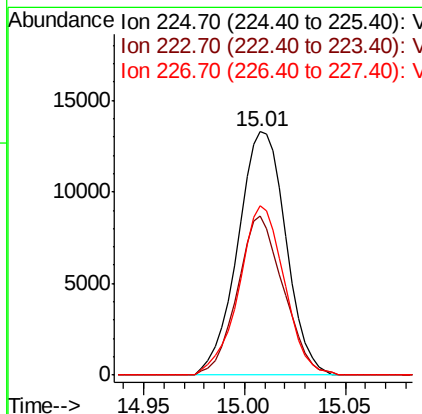
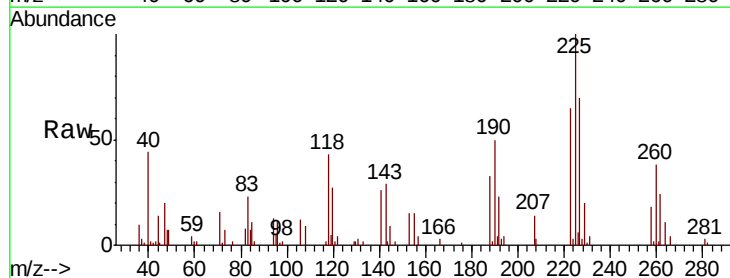
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC005

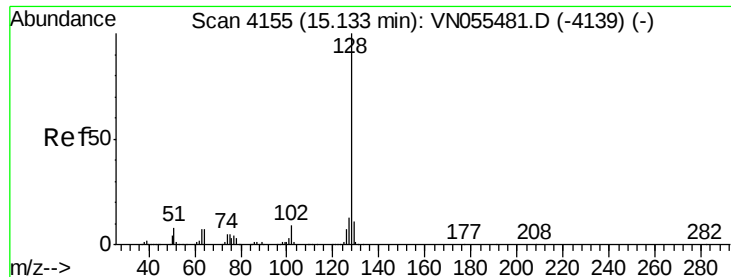
Tot Ion:180 Resp: 16733  
 Ion Ratio Lower Upper  
 180 100  
 182 93.1 48.7 146.1  
 145 29.5 15.3 45.9



#94  
 Hexachlorobutadiene  
 Concen: 5.098 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055478.D  
 Acq: 8 May 2019 16:34

Tgt Ion:225 Resp: 22204  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 31.4 94.3  
 227 65.6 32.0 96.0





#95

Naphthalene

Concen: 5.397 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

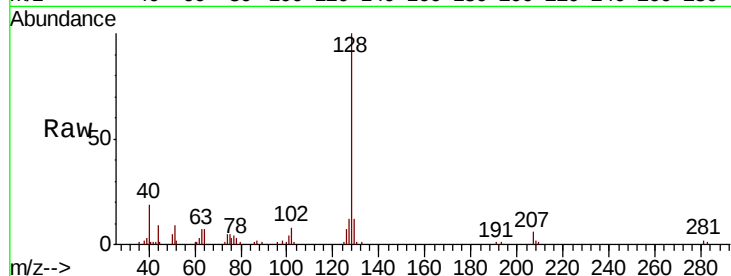
Tot Ion:128 Resp: 47464

Ion Ratio Lower Upper

128 100

127 11.7 10.0 15.0

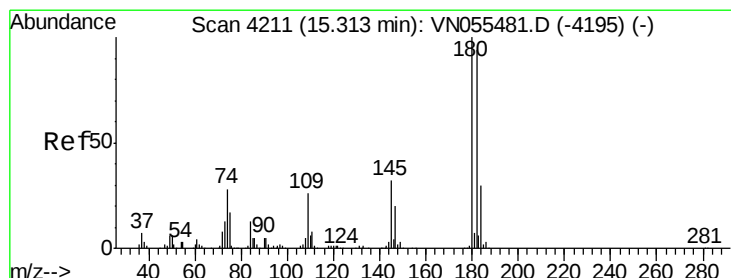
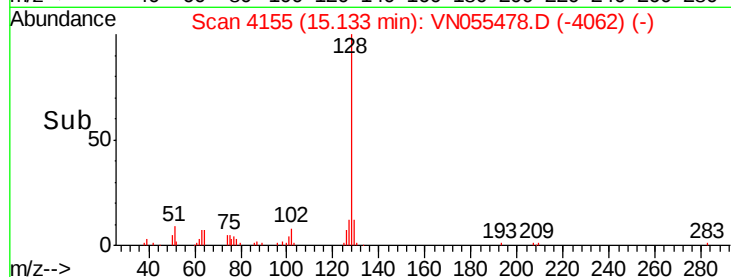
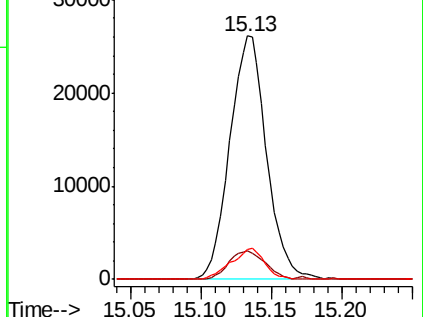
129 11.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.593 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055478.D

Acq: 8 May 2019 16:34

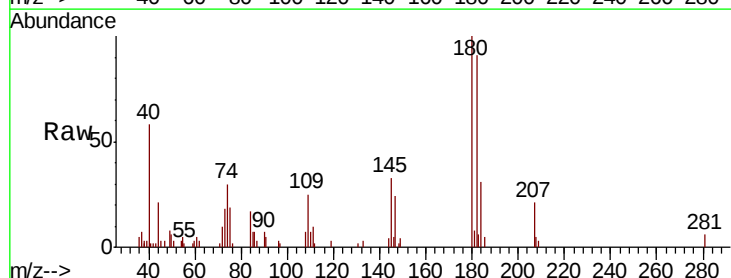
Tgt Ion:180 Resp: 18239

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.3

145 31.9 15.8 47.4



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

