

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112719\  
 Data File : VN059419.D  
 Acq On : 27 Nov 2019 13:01  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Nov 27 16:30:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112719W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 16:27:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 367663   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 575355   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 498480   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 209143   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |      |        |      |
|-----------------------------|--------|-----|----------|------|--------|------|
| System Monitoring Compounds |        |     |          |      |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.01   | 65  | 21727    | 5.04 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 10.08% |      |
| 35) Dibromofluoromethane    | 7.57   | 113 | 17056    | 4.87 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 9.74%  |      |
| 50) Toluene-d8              | 10.08  | 98  | 68902    | 4.93 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 9.86%  |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 21695    | 4.46 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 8.92%  |      |

| Target Compounds              |      |     |        |               | Qvalue |
|-------------------------------|------|-----|--------|---------------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 20821  | 4.812 ug/l    | 98     |
| 3) Chloromethane              | 2.04 | 50  | 26302  | 4.976 ug/l    | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 25511  | 5.022 ug/l    | 97     |
| 5) Bromomethane               | 2.55 | 94  | 16445  | 5.377 ug/l    | 98     |
| 6) Chloroethane               | 2.68 | 64  | 14718  | 5.168 ug/l    | 94     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 30795  | 5.090 ug/l    | 97     |
| 8) Diethyl Ether              | 3.39 | 74  | 12930  | 5.251 ug/l    | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 19212  | 5.156 ug/l    | 99     |
| 10) Methyl Iodide             | 3.93 | 142 | 20503  | 4.227 ug/l    | 99     |
| 11) Tert butyl alcohol        | 4.75 | 59  | 18342  | 24.584 ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 18270  | 5.007 ug/l    | 97     |
| 13) Acrolein                  | 3.58 | 56  | 17882  | 24.553 ug/l   | 100    |
| 14) Allyl chloride            | 4.30 | 41  | 34837  | 5.147 ug/l    | 97     |
| 15) Acrylonitrile             | 4.96 | 53  | 52972  | 25.480 ug/l   | 99     |
| 16) Acetone                   | 3.79 | 43  | 51077  | 24.894 ug/l   | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 61488  | 4.910 ug/l    | 99     |
| 18) Methyl Acetate            | 4.30 | 43  | 29286  | 5.241 ug/l    | 98     |
| 19) Methyl tert-butyl Ether   | 5.01 | 73  | 59284  | 5.041 ug/l    | 96     |
| 20) Methylene Chloride        | 4.52 | 84  | 22690  | 5.443 ug/l    | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 20345  | 5.117 ug/l    | 91     |
| 22) Diisopropyl ether         | 5.92 | 45  | 63649  | 5.061 ug/l #  | 90     |
| 23) Vinyl Acetate             | 5.87 | 43  | 254484 | 25.081 ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 37710  | 5.211 ug/l    | 98     |
| 25) 2-Butanone                | 6.81 | 43  | 69962  | 24.787 ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 31985  | 5.194 ug/l    | 99     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 22251  | 5.117 ug/l    | 97     |
| 28) Bromochloromethane        | 7.17 | 49  | 6846   | 2.738 ug/l #  | 100    |
| 29) Tetrahydrofuran           | 7.19 | 42  | 46596  | 24.822 ug/l   | 98     |
| 30) Chloroform                | 7.35 | 83  | 37246  | 5.115 ug/l    | 97     |
| 31) Cyclohexane               | 7.63 | 56  | 39924  | 5.503 ug/l #  | 82     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 30351  | 5.097 ug/l    | 98     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 28413  | 5.135 ug/l    | 98     |
| 37) Ethyl Acetate             | 6.91 | 43  | 30312  | 5.178 ug/l #  | 95     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 26896  | 5.151 ug/l    | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112719\  
 Data File : VN059419.D  
 Acq On : 27 Nov 2019 13:01  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Nov 27 16:30:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112719W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 16:27:42 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 33657    | 5.085  | ug/l   | 98       |
| 40) Benzene                    | 8.02  | 78   | 84984    | 5.173  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.19  | 41   | 41367    | 14.967 | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 26124    | 5.015  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.15  | 43   | 43761    | 4.921  | ug/l # | 92       |
| 44) Trichloroethene            | 8.82  | 130  | 20947    | 5.001  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 21969    | 5.113  | ug/l   | 95       |
| 46) Dibromomethane             | 9.20  | 93   | 13426    | 5.063  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.39  | 83   | 26619    | 4.963  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.19  | 41   | 18267    | 4.630  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 5098     | 88.472 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 125435   | 24.317 | ug/l   | 99       |
| 52) Toluene                    | 10.15 | 92   | 49295    | 5.023  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 29503    | 4.787  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 32470    | 4.881  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 19095    | 4.971  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 24725    | 4.413  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 33639    | 5.066  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 36081    | 21.921 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 91281    | 23.865 | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.90 | 129  | 19406    | 4.839  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 19448    | 4.940  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 19105    | 5.182  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 51401    | 5.093  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 18815    | 5.141  | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.51 | 91   | 89806    | 5.067  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 64418    | 9.734  | ug/l   | 96       |
| 69) o-Xylene                   | 11.95 | 106  | 31555    | 4.972  | ug/l   | 96       |
| 70) Styrene                    | 11.96 | 104  | 45314    | 4.554  | ug/l   | 98       |
| 71) Bromoform                  | 12.13 | 173  | 13432    | 4.820  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 82493    | 5.324  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 27234    | 4.674  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 27510    | 5.445  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 36498    | 7.555  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 20292    | 5.349  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 91366    | 5.117  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 56049    | 5.251  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 68213    | 5.238  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 8776     | 4.766  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 57647    | 5.244  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 59980    | 5.363  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 65562    | 5.139  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 78031    | 5.254  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 66998    | 4.990  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 34262    | 5.097  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 33892    | 5.022  | ug/l   | 93       |
| 89) n-Butylbenzene             | 13.62 | 91   | 55395    | 4.720  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 13725    | 5.349  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 33173    | 5.036  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 5493     | 4.787  | ug/l   | 89       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112719\  
Data File : VN059419.D  
Acq On : 27 Nov 2019 13:01  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Quant Time: Nov 27 16:30:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112719W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 27 16:27:42 2019  
Response via : Initial Calibration

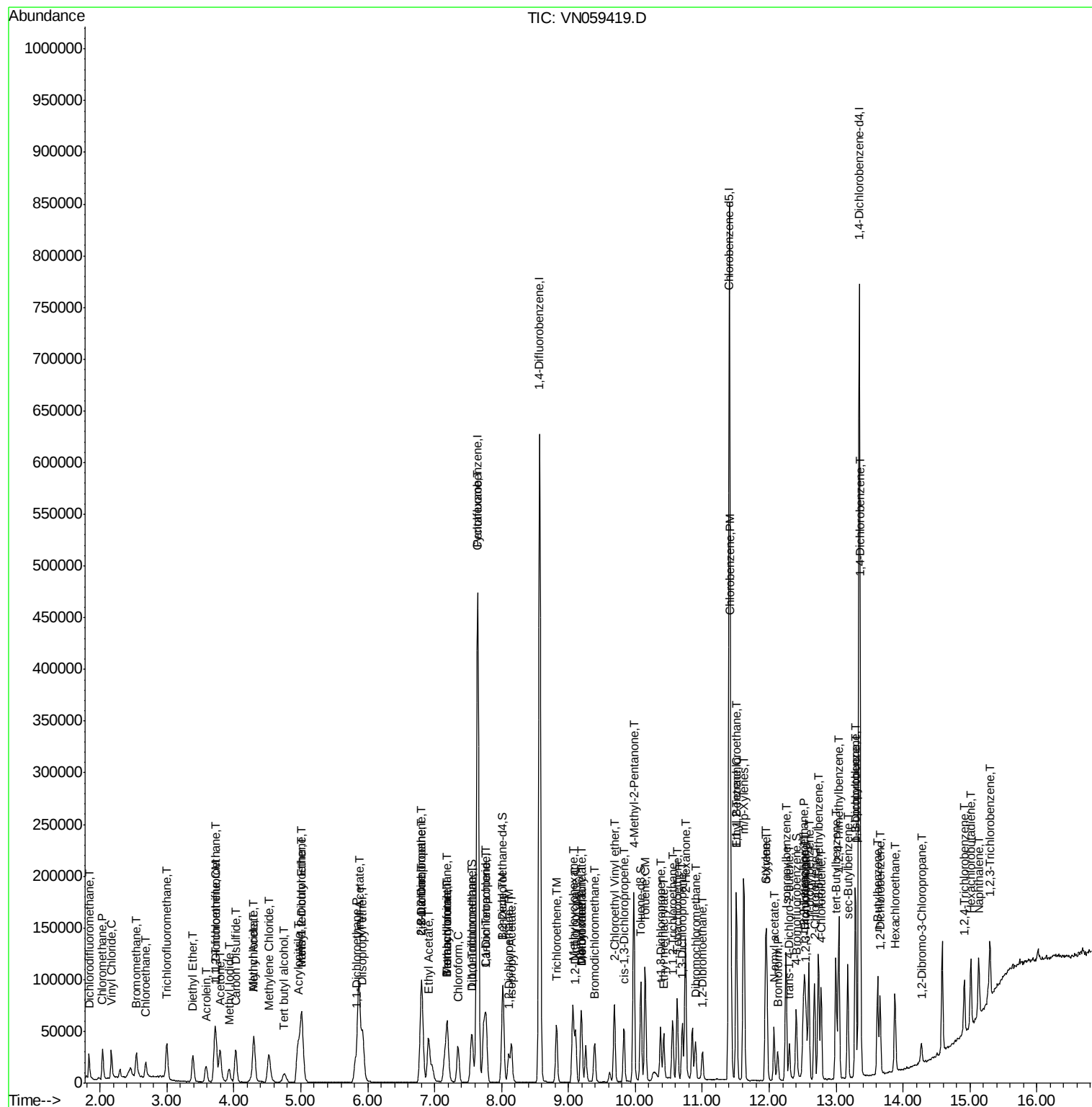
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 17057    | 4.166 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 12884    | 5.134 | ug/l  | 97       |
| 95) Naphthalene            | 15.13 | 128  | 43113    | 3.727 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 18434    | 4.227 | ug/l  | 97       |

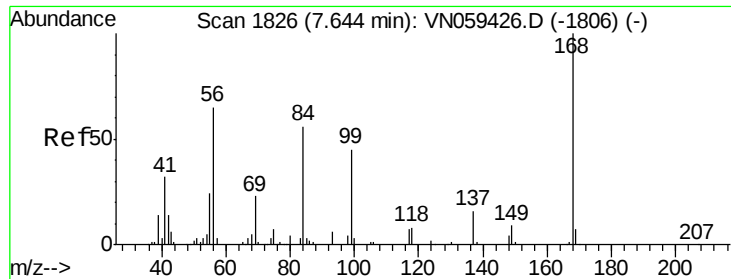
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN112719\  
Data File : VN059419.D  
Acq On : 27 Nov 2019 13:01  
Operator : JC/SP  
Sample : VSTDIC005  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Quant Time: Nov 27 16:30:57 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N112719W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 27 16:27:42 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

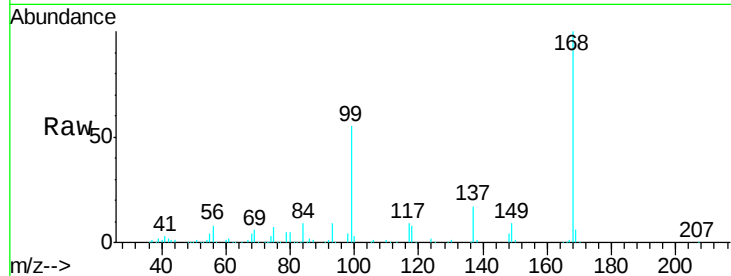
VSTDIC005

Tgt Ion: 168 Resp: 367663

Ion Ratio Lower Upper

168 100

99 55.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

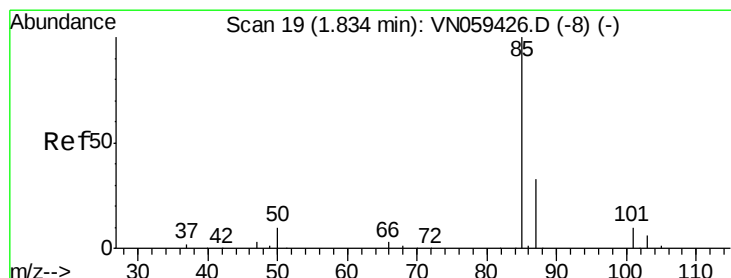
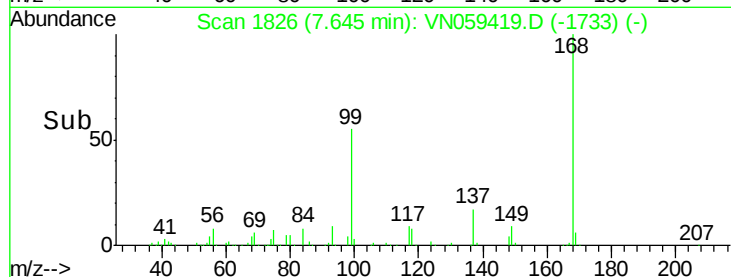
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 4.812 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059419.D

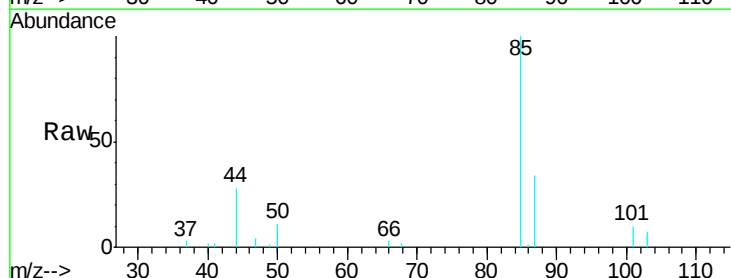
Acq: 27 Nov 2019 13:01

Tgt Ion: 85 Resp: 20821

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

15000

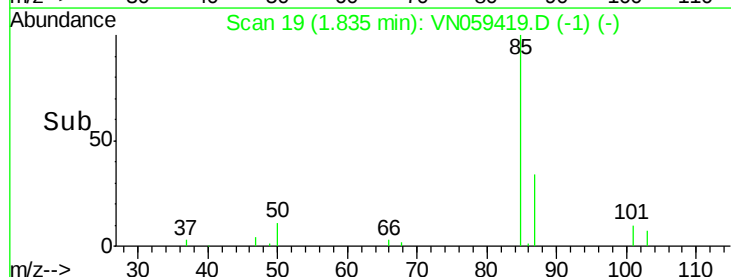
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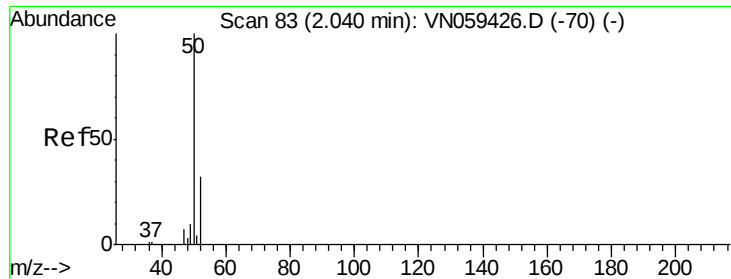
5000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 4.976 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

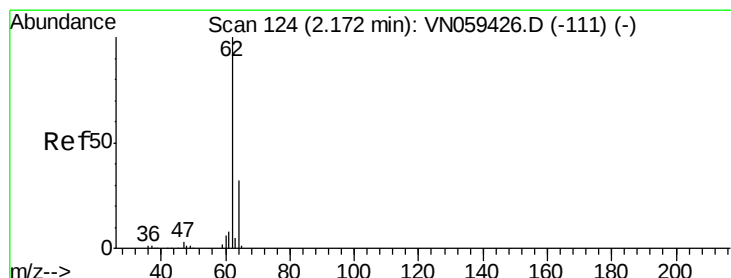
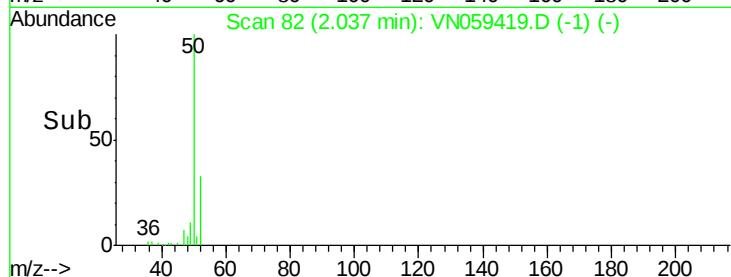
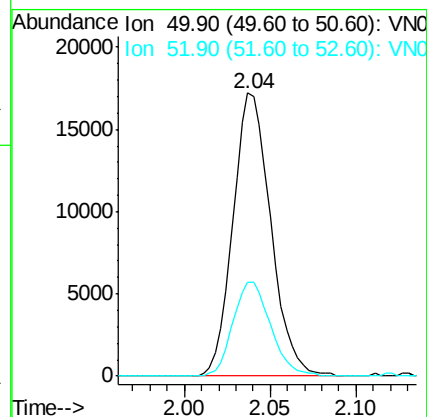
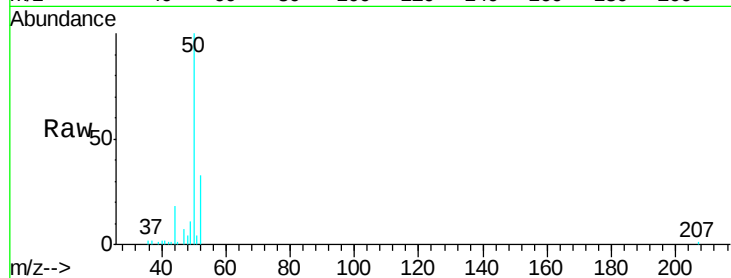
VSTDIC005

Tgt Ion: 50 Resp: 26302

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 5.022 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059419.D

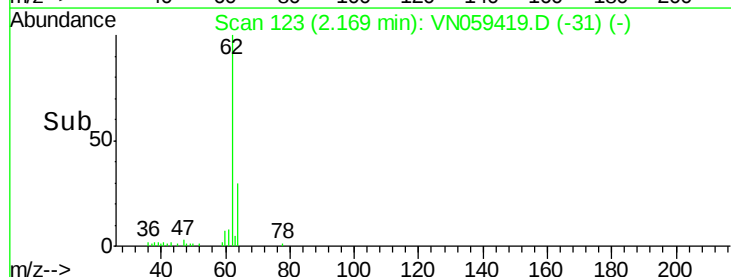
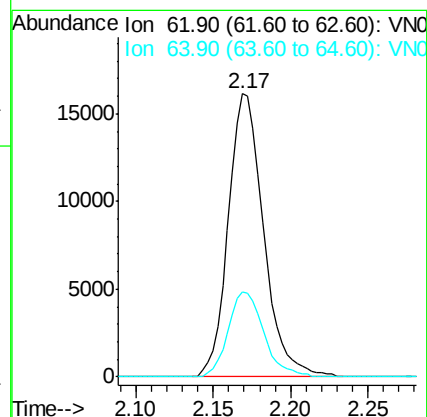
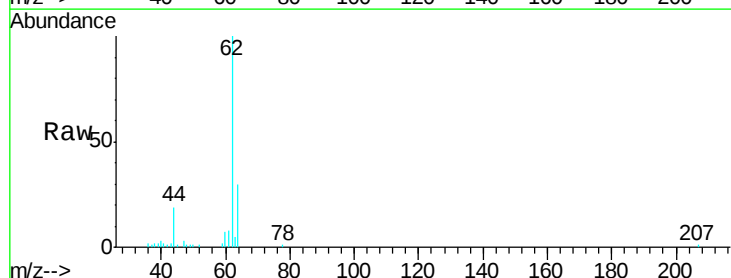
Acq: 27 Nov 2019 13:01

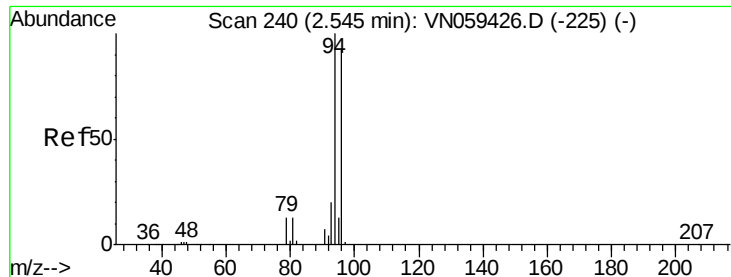
Tgt Ion: 62 Resp: 25511

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 5.377 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

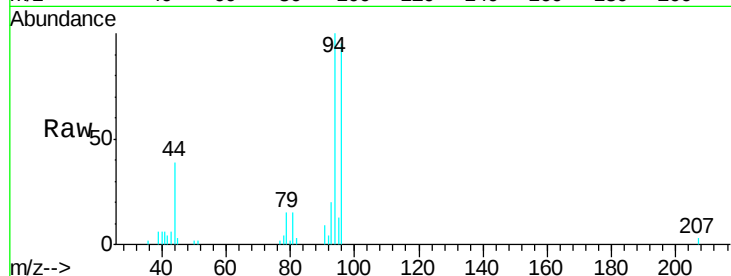
VSTDIC005

Tgt Ion: 94 Resp: 16445

Ion Ratio Lower Upper

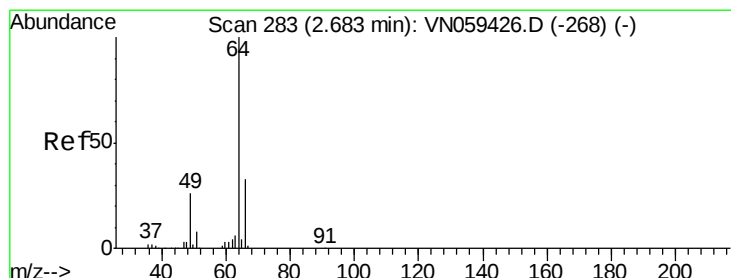
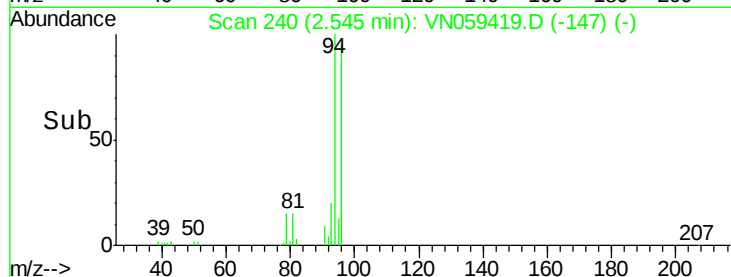
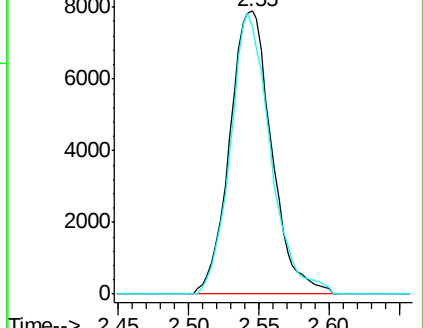
94 100

96 94.6 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VN059426.D (-225) (-)

Ion 95.90 (95.60 to 96.60): VN059426.D (-225) (-)



#6

Chloroethane

Concen: 5.168 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059419.D

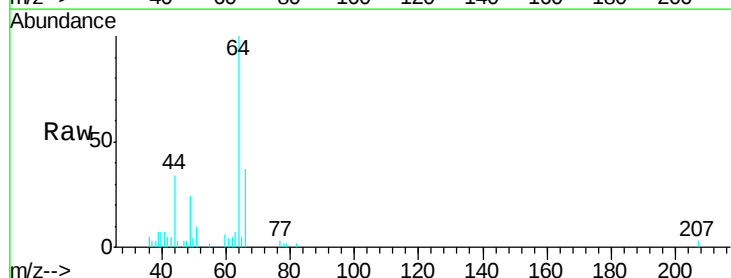
Acq: 27 Nov 2019 13:01

Tgt Ion: 64 Resp: 14718

Ion Ratio Lower Upper

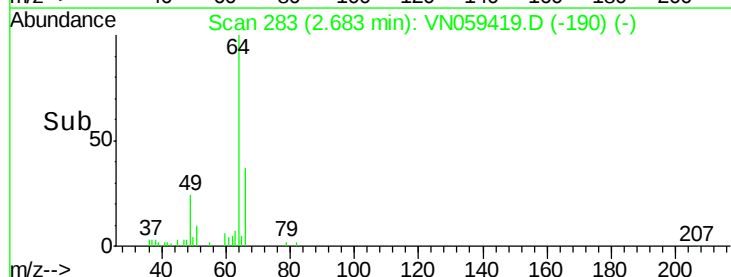
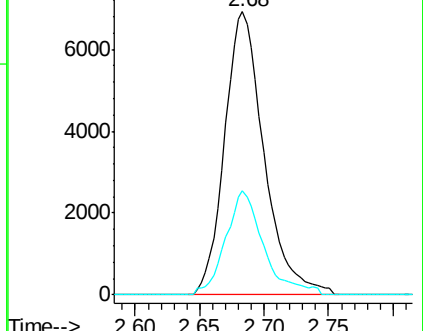
64 100

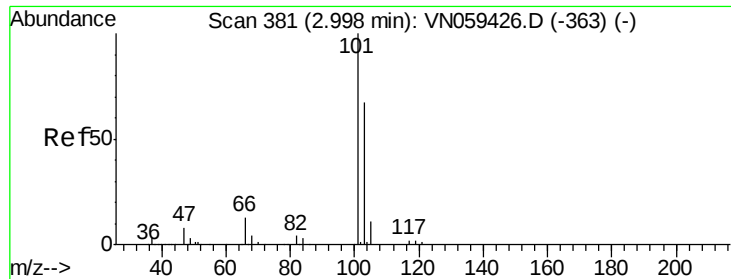
66 36.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN059426.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN059426.D (-268) (-)



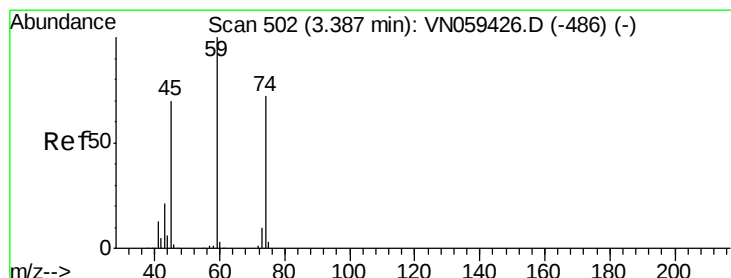
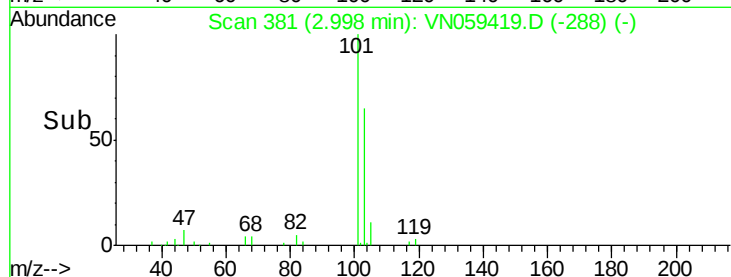
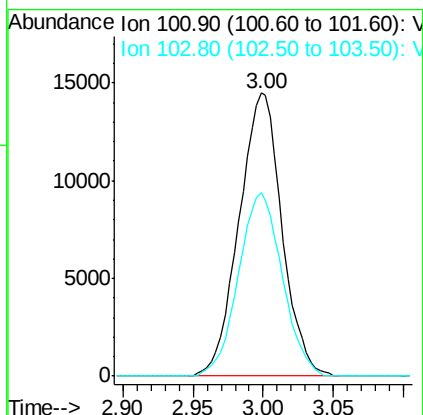
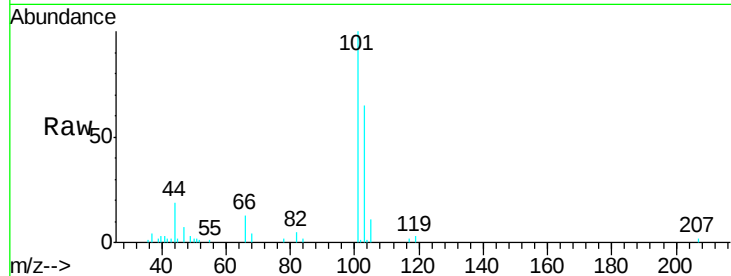


#7

Trichlorofluoromethane  
 Concen: 5.090 ug/l  
 RT: 3.00 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

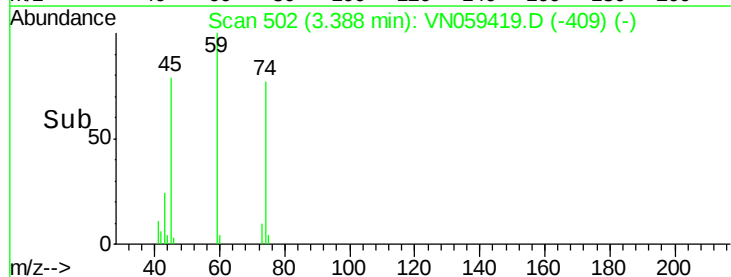
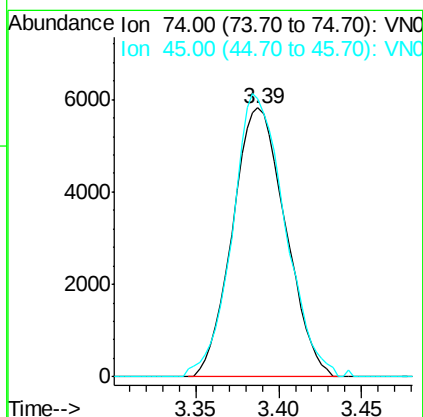
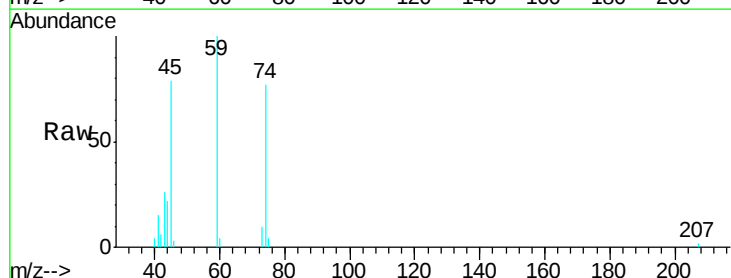
Tgt Ion: 101 Resp: 30795  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 53.6 80.4

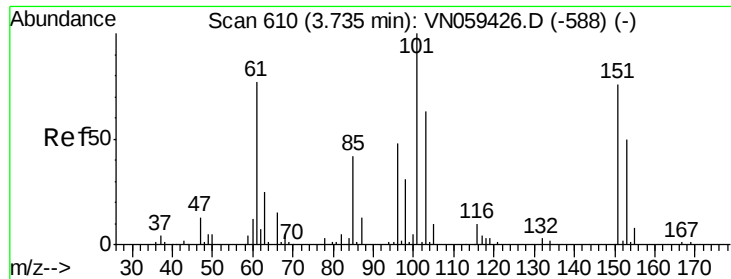


#8

Diethyl Ether  
 Concen: 5.251 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion: 74 Resp: 12930  
 Ion Ratio Lower Upper  
 74 100  
 45 104.2 49.7 149.1

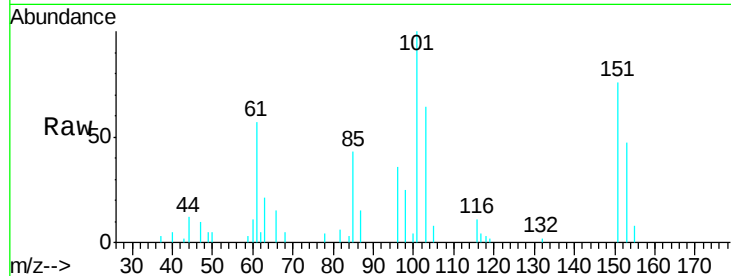




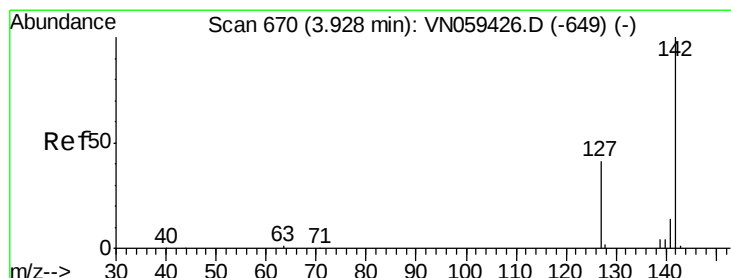
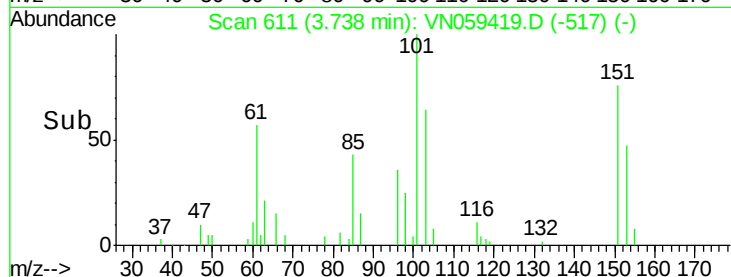
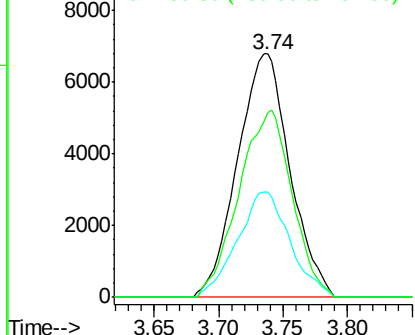
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 5.156 ug/l  
 RT: 3.74 min Scan# 611  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:101 Resp: 19212  
 Ion Ratio Lower Upper  
 101 100  
 85 43.4 34.2 51.2  
 151 77.8 62.6 93.8

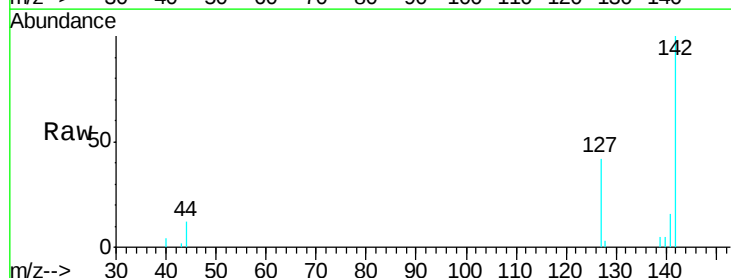


Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 84.90 (84.60 to 85.60): V  
 Ion 150.80 (150.50 to 151.50): V

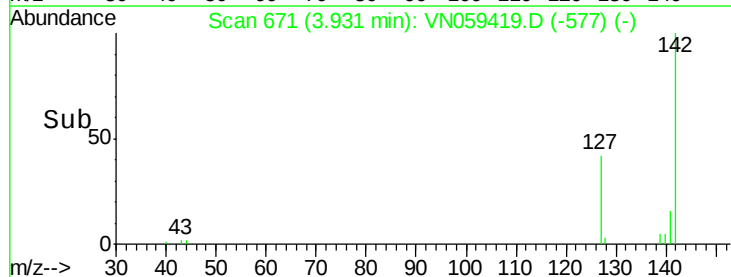
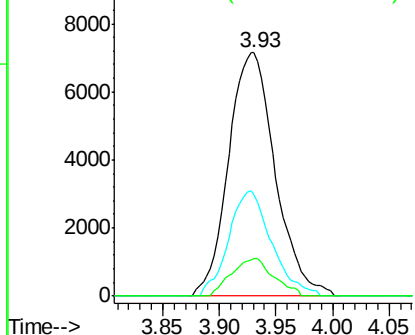


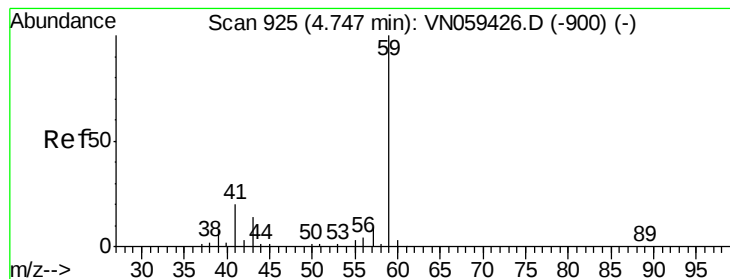
#10  
 Methyl Iodide  
 Concen: 4.227 ug/l  
 RT: 3.93 min Scan# 671  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion:142 Resp: 20503  
 Ion Ratio Lower Upper  
 142 100  
 127 39.9 32.6 48.8  
 141 14.1 11.1 16.7



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: 24.584 ug/l

RT: 4.75 min Scan# 926

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

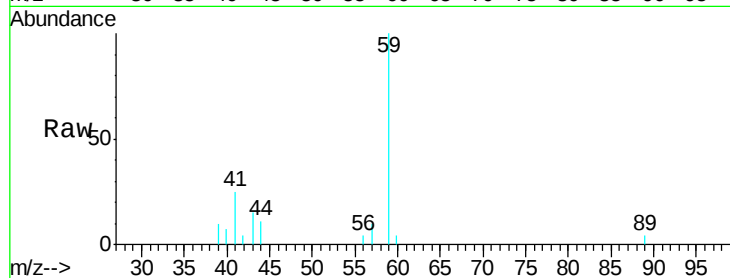
VSTDIC005

Tgt Ion: 59 Resp: 18342

Ion Ratio Lower Upper

59 100

57 2.1 3.8 5.8#



Abundance Ion 59.00 (58.70 to 59.70): VN059426.D (-900) (-)

Ion 57.00 (56.70 to 57.70): VN059426.D (-900) (-)

4.75

5000

4000

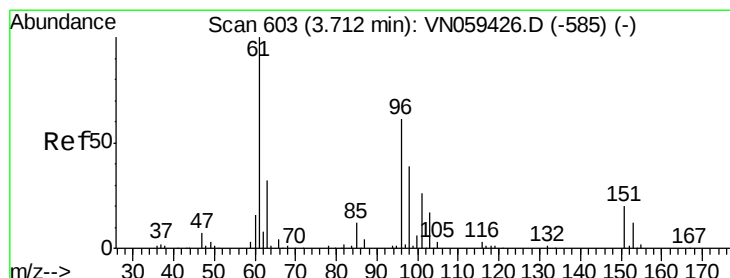
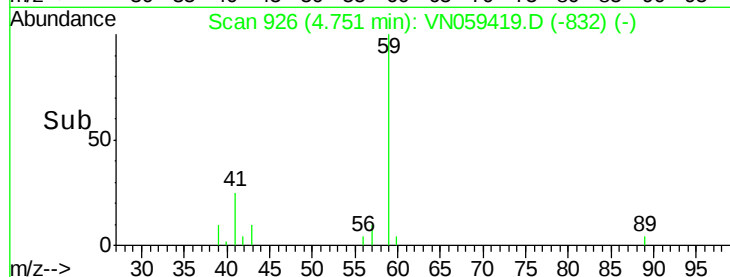
3000

2000

1000

0

Time--> 4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 5.007 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

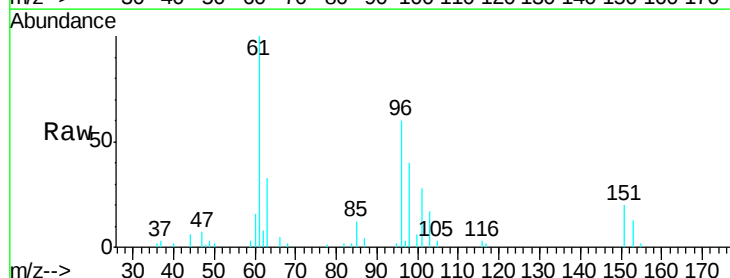
Tgt Ion: 96 Resp: 18270

Ion Ratio Lower Upper

96 100

61 167.6 130.5 195.7

98 67.0 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN059426.D (-585) (-)

Ion 60.90 (60.60 to 61.60): VN059426.D (-585) (-)

Ion 97.90 (97.60 to 98.60): VN059426.D (-585) (-)

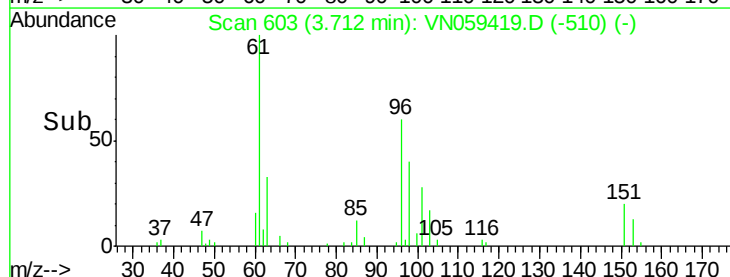
15000

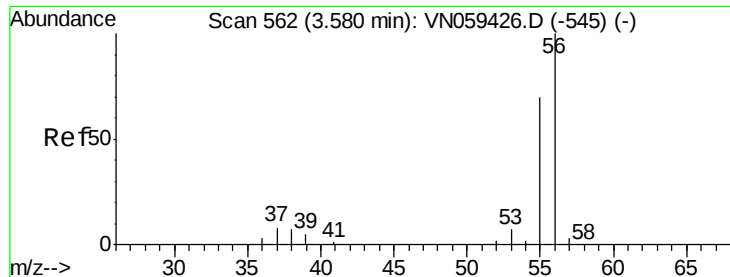
10000

5000

0

Time--> 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 24.553 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

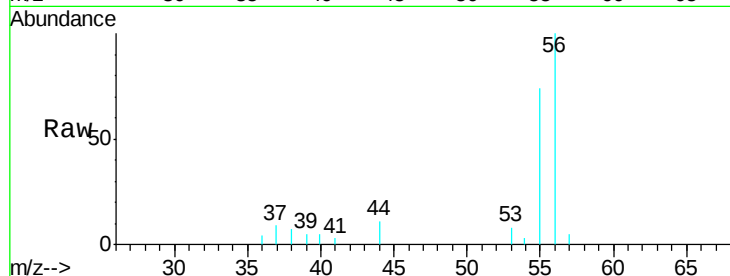
VSTDIC005

Tgt Ion: 56 Resp: 17882

Ion Ratio Lower Upper

56 100

55 72.6 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VN059426.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059426.D (-545) (-)

3.58

8000

6000

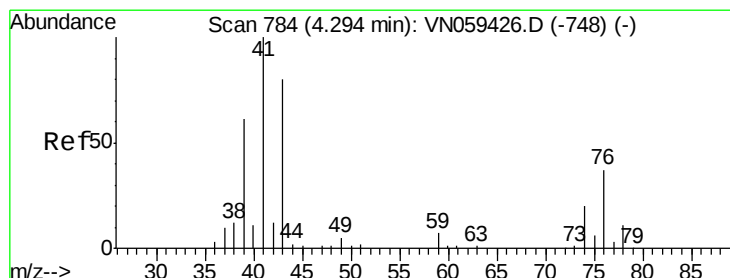
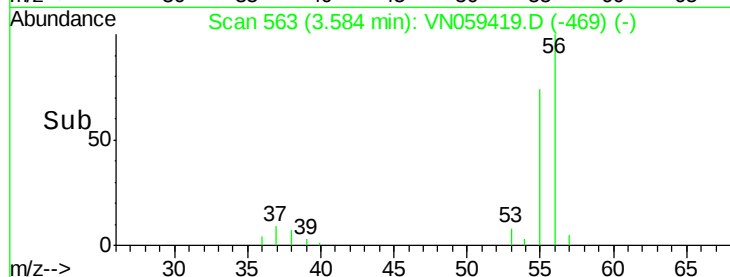
4000

2000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 5.147 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

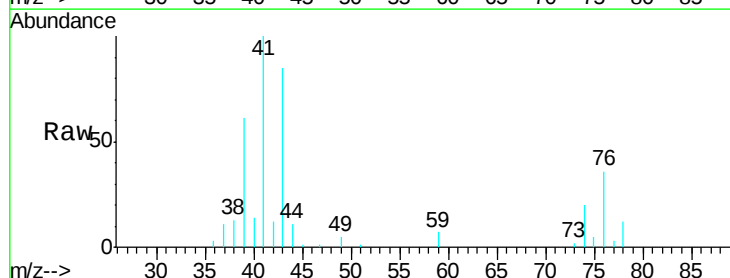
Tgt Ion: 41 Resp: 34837

Ion Ratio Lower Upper

41 100

39 59.5 46.5 69.7

76 31.3 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VN059426.D (-748) (-)

Ion 39.00 (38.70 to 39.70): VN059426.D (-748) (-)

Ion 75.90 (75.60 to 76.60): VN059426.D (-748) (-)

4.30

15000

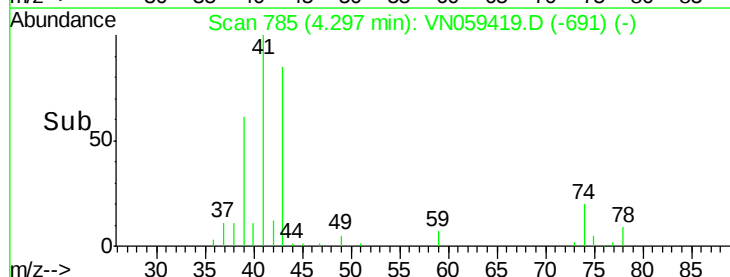
10000

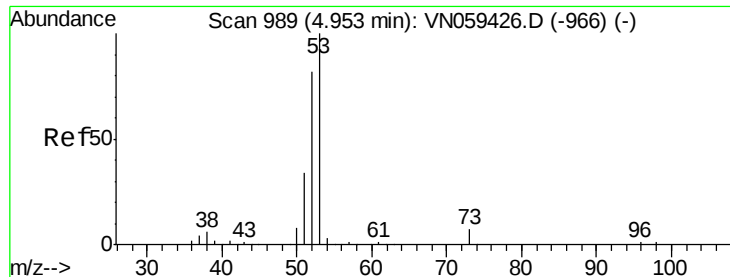
5000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 25.480 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.01 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

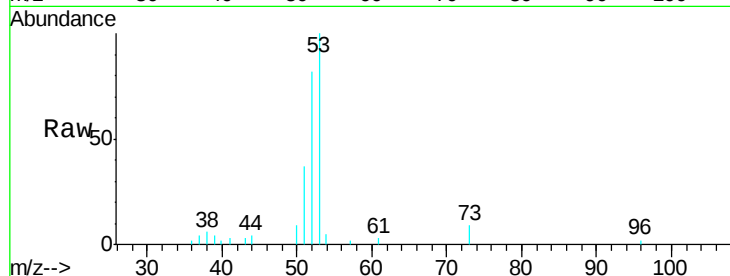
Tgt Ion: 53 Resp: 52972

Ion Ratio Lower Upper

53 100

52 80.9 65.1 97.7

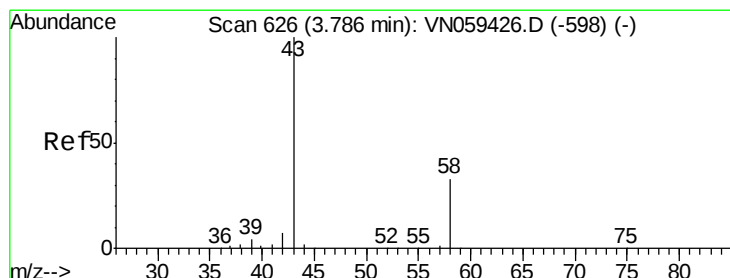
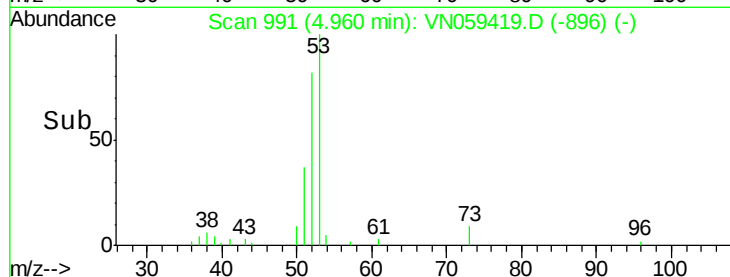
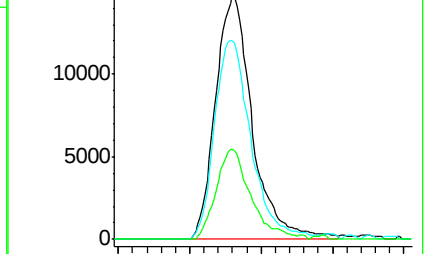
51 34.6 27.8 41.8



Abundance Ion 53.00 (52.70 to 53.70): VN059419.D (-896) (-)

Ion 52.00 (51.70 to 52.70): VN059419.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VN059419.D (-896) (-)



#16

Acetone

Concen: 24.894 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059419.D

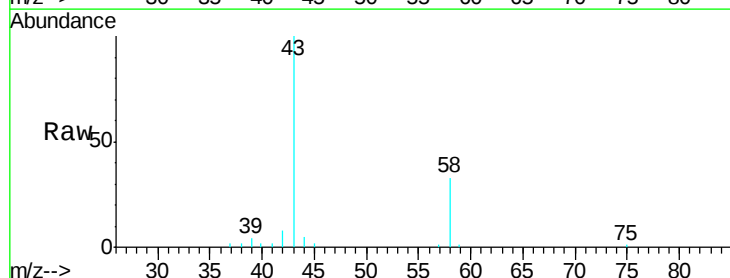
Acq: 27 Nov 2019 13:01

Tgt Ion: 43 Resp: 51077

Ion Ratio Lower Upper

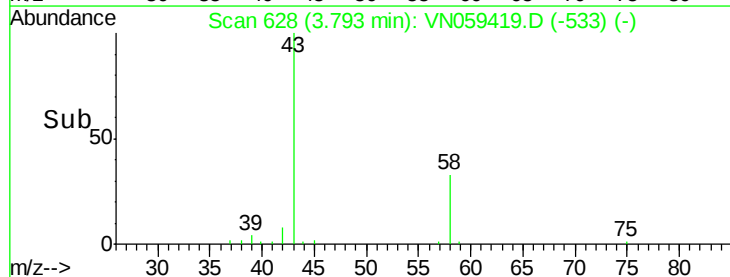
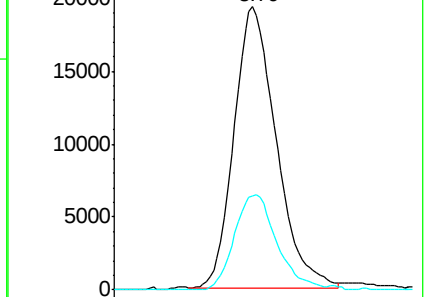
43 100

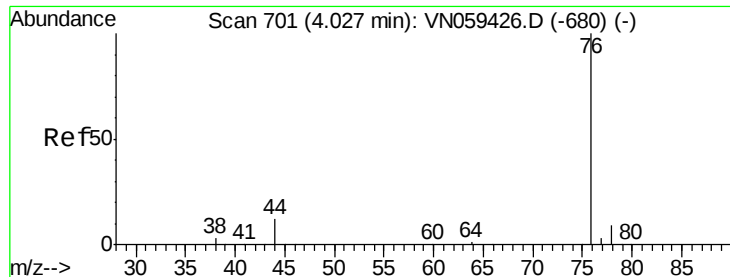
58 33.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN059419.D (-533) (-)

Ion 58.00 (57.70 to 58.70): VN059419.D (-533) (-)

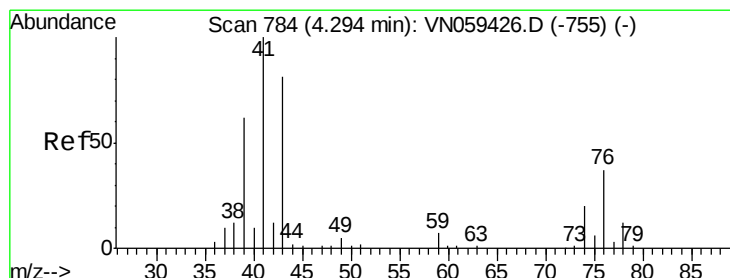
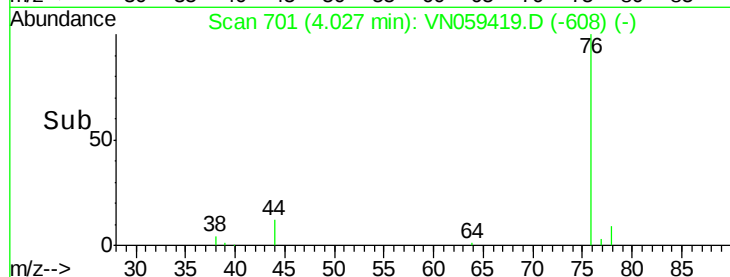
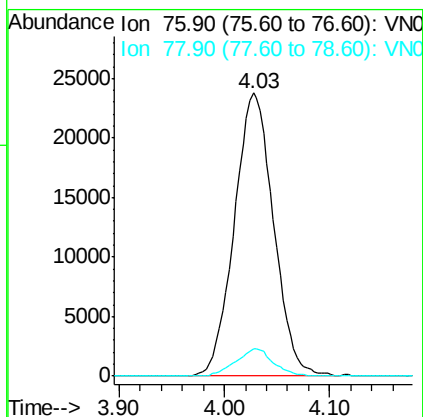
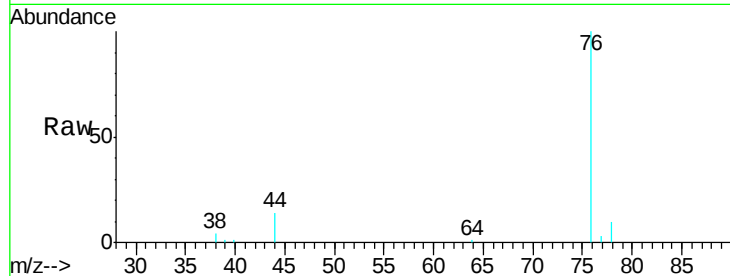




#17  
Carbon Disulfide  
Concen: 4.910 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

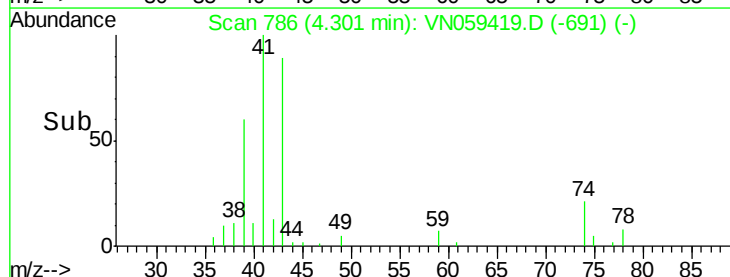
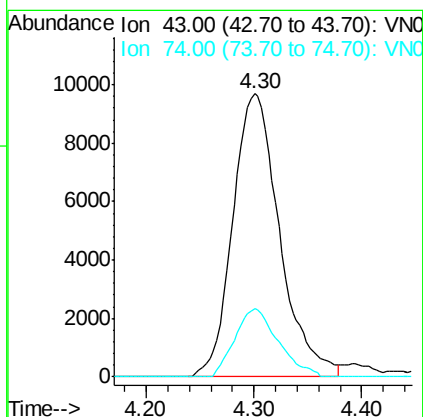
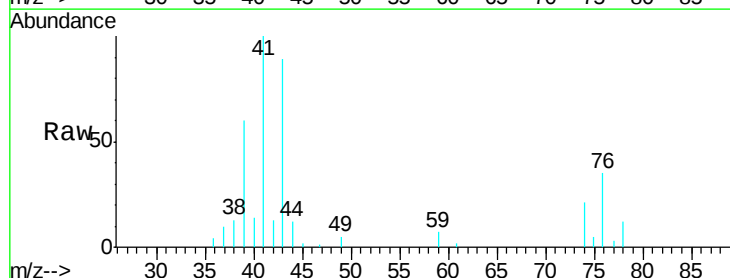
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

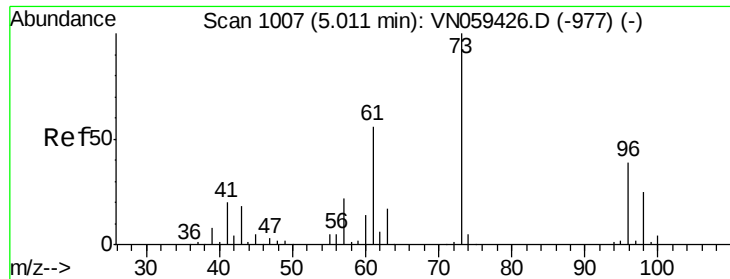
Tgt Ion: 76 Resp: 61488  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 5.241 ug/l  
RT: 4.30 min Scan# 786  
Delta R.T. 0.01 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 43 Resp: 29286  
Ion Ratio Lower Upper  
43 100  
74 22.3 18.6 28.0

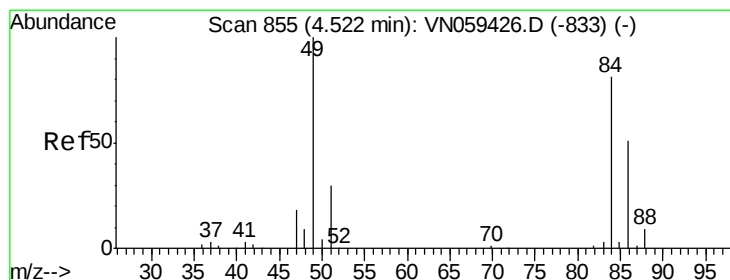
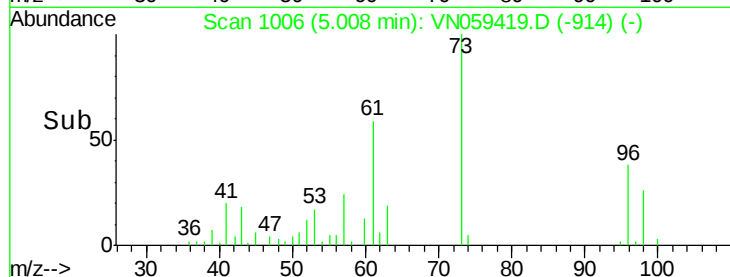
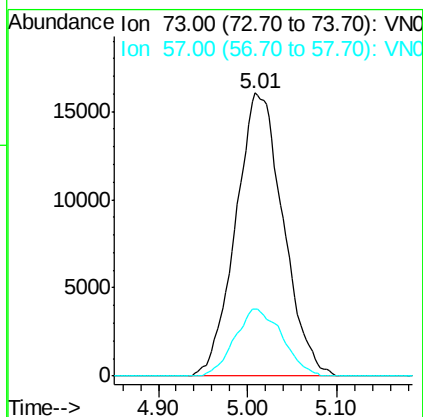
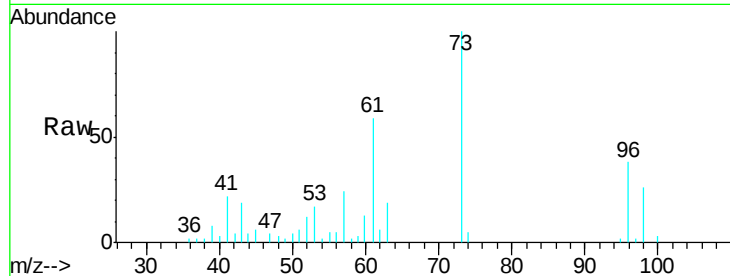




#19  
Methyl tert-butyl Ether  
Concen: 5.041 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

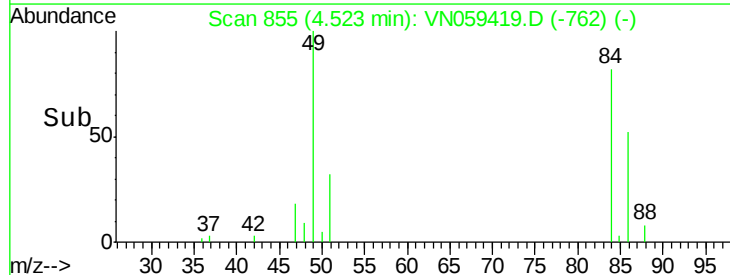
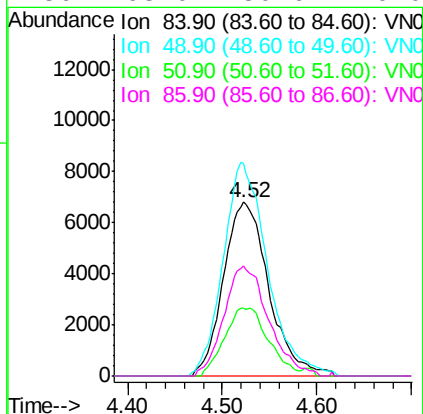
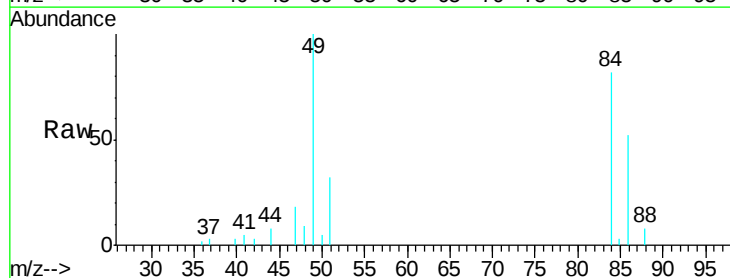
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

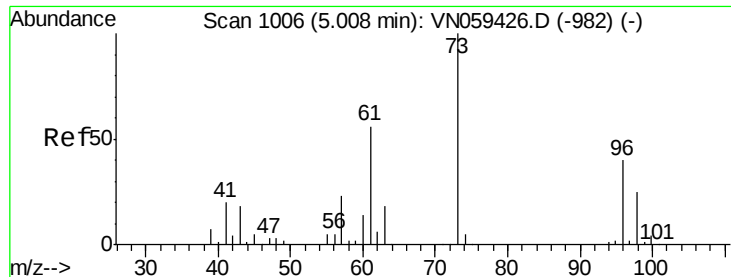
Tgt Ion: 73 Resp: 59284  
Ion Ratio Lower Upper  
73 100  
57 23.9 17.7 26.5



#20  
Methylene Chloride  
Concen: 5.443 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 84 Resp: 22690  
Ion Ratio Lower Upper  
84 100  
49 122.3 98.6 148.0  
51 39.0 29.4 44.0  
86 63.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.117 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

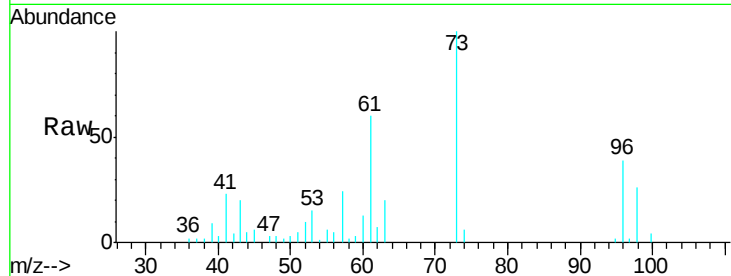
Tgt Ion: 96 Resp: 20345

Ion Ratio Lower Upper

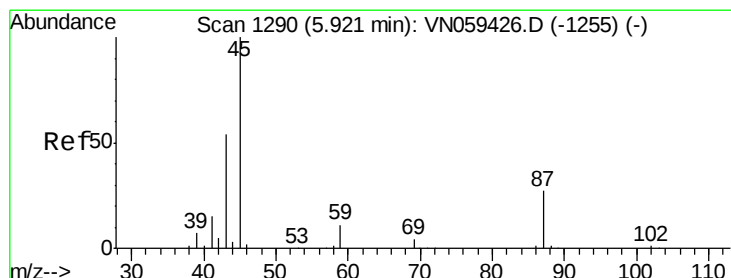
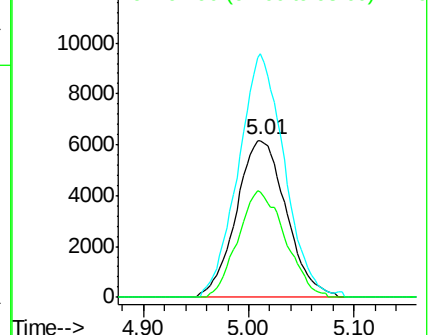
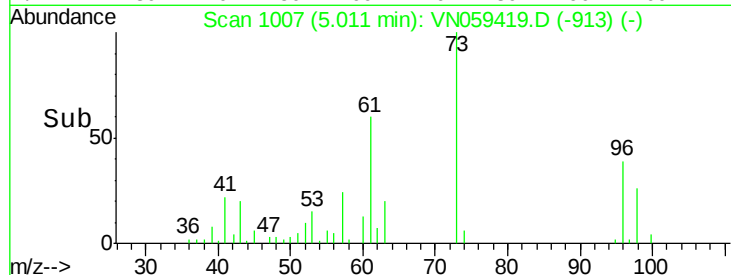
96 100

61 155.4 114.0 171.0

98 67.4 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN059419.D (-913) (-)



#22

Diisopropyl ether

Concen: 5.061 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion: 45 Resp: 63649

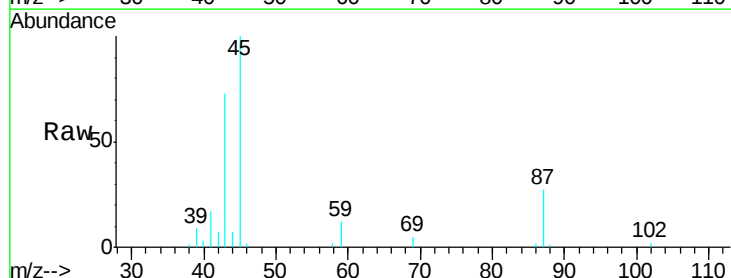
Ion Ratio Lower Upper

45 100

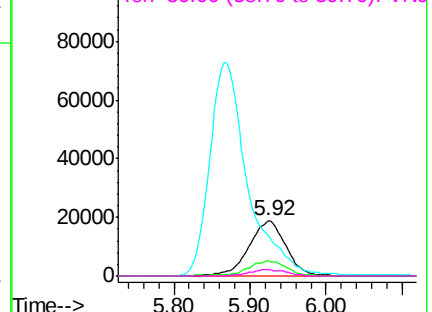
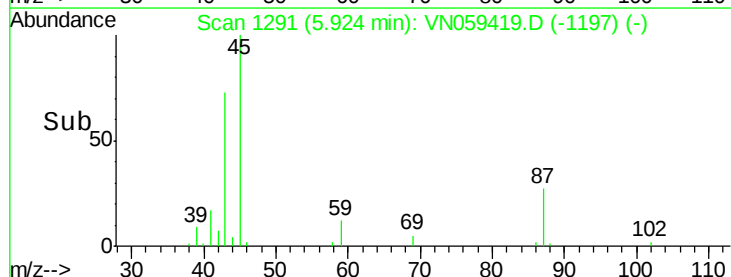
43 69.6 46.3 69.5#

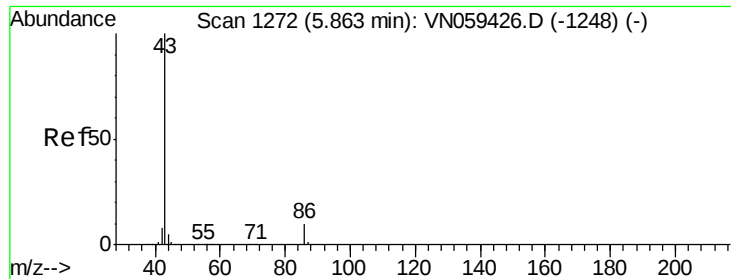
87 27.1 21.8 32.6

59 12.3 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN059419.D (-1197) (-)

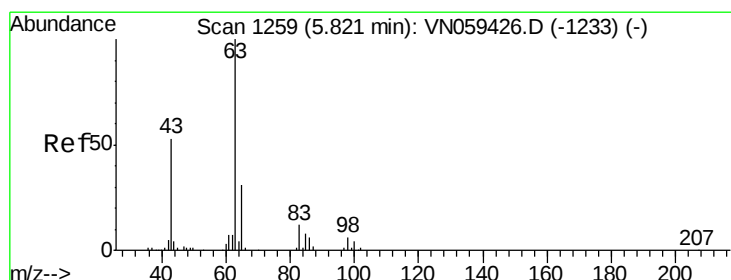
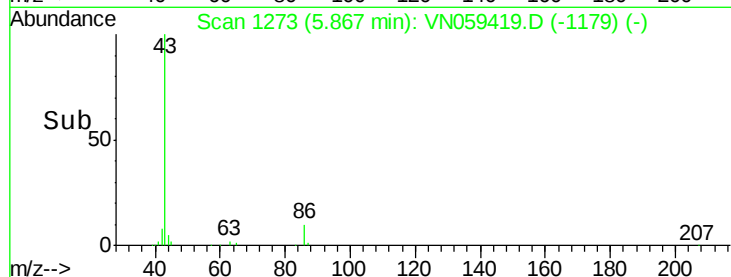
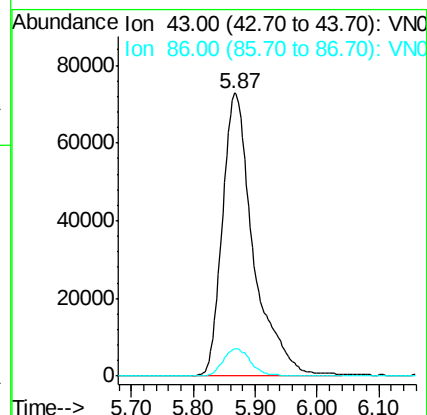
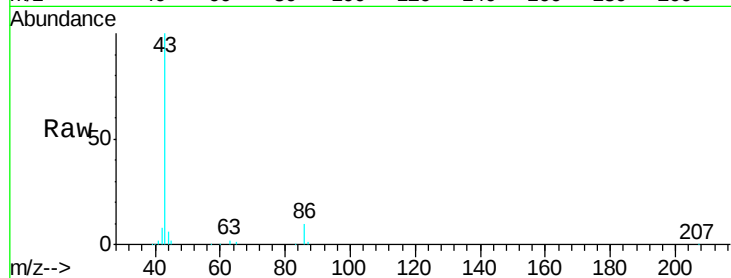




#23  
 Vinyl Acetate  
 Concen: 25.081 ug/l  
 RT: 5.87 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

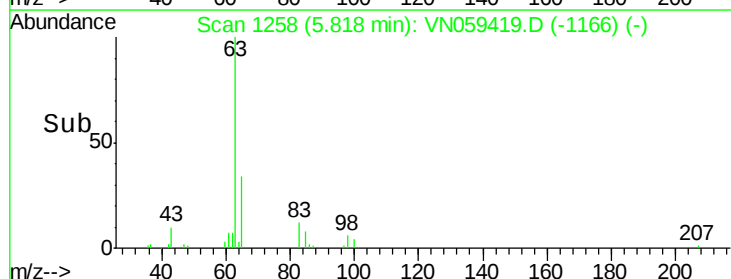
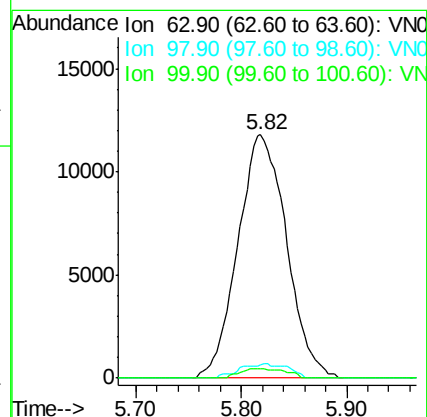
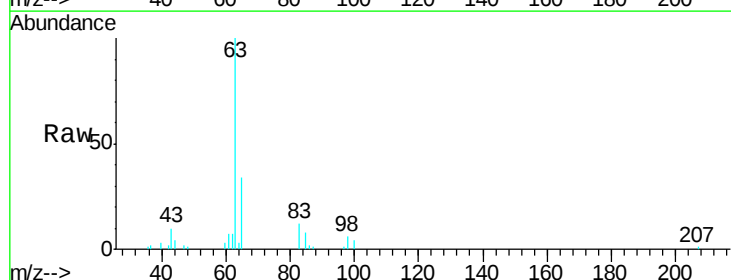
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

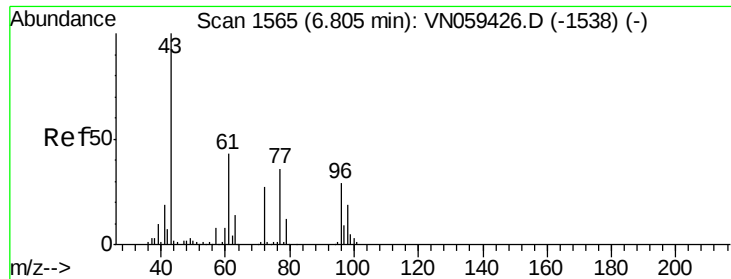
Tgt Ion: 43 Resp: 254484  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 5.211 ug/l  
 RT: 5.82 min Scan# 1258  
 Delta R.T. -0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion: 63 Resp: 37710  
 Ion Ratio Lower Upper  
 63 100  
 98 5.5 3.2 9.6  
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 24.787 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

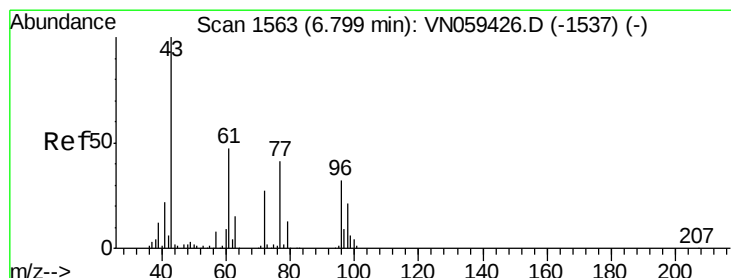
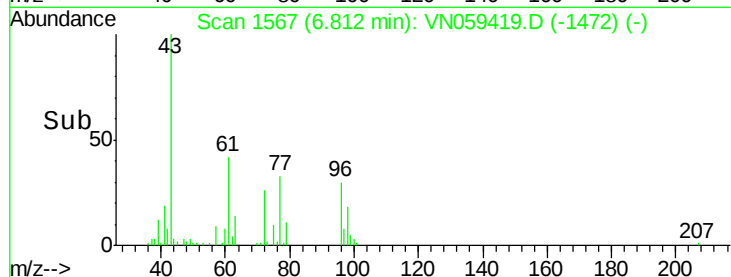
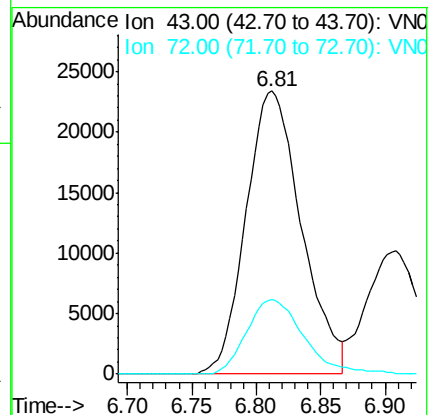
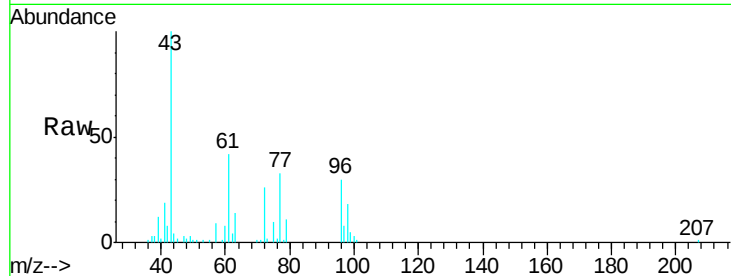
VSTDIC005

Tgt Ion: 43 Resp: 69962

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 5.194 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059419.D

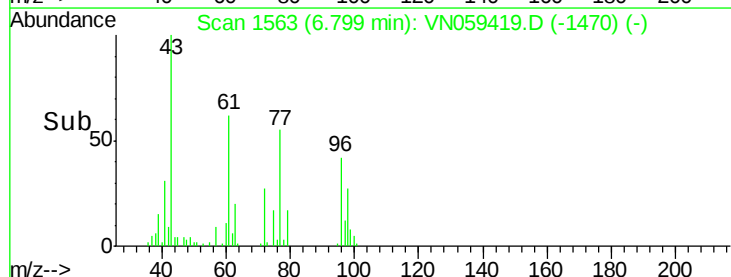
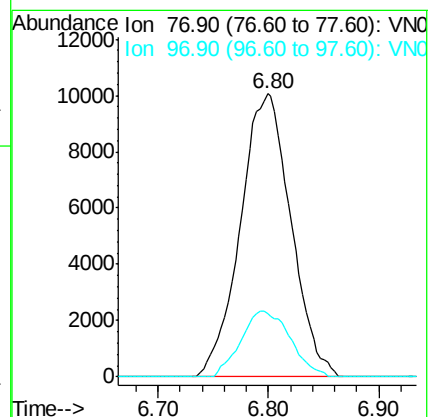
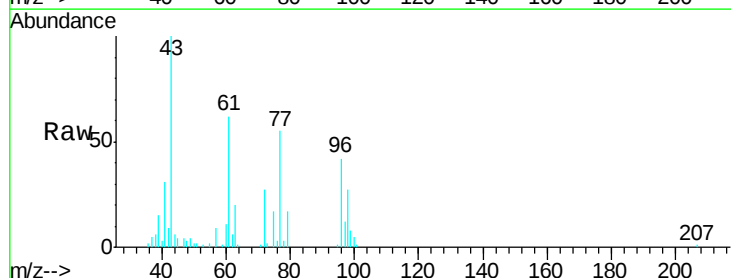
Acq: 27 Nov 2019 13:01

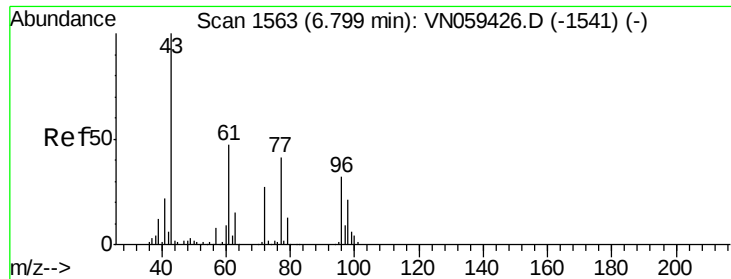
Tgt Ion: 77 Resp: 31985

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 5.117 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

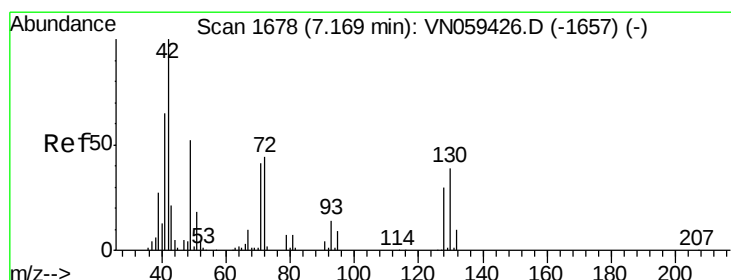
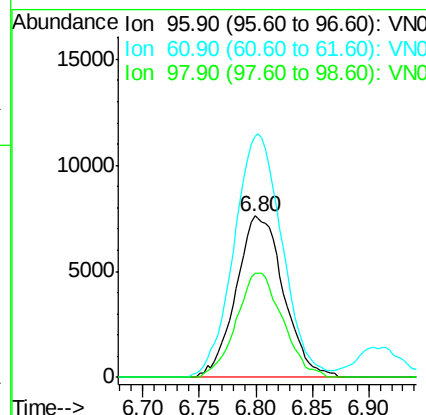
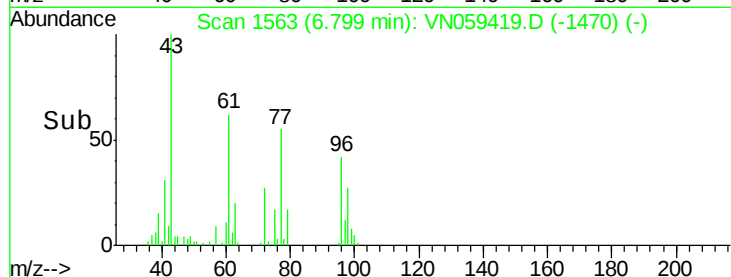
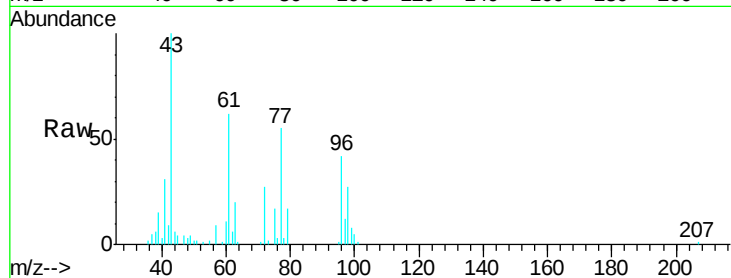
Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

Tgt Ion: 96 Resp: 22251

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 152.5 | 0.0   | 297.6 |
| 98  | 63.0  | 0.0   | 130.8 |



#28

Bromochloromethane

Concen: 2.738 ug/l

RT: 7.17 min Scan# 1679

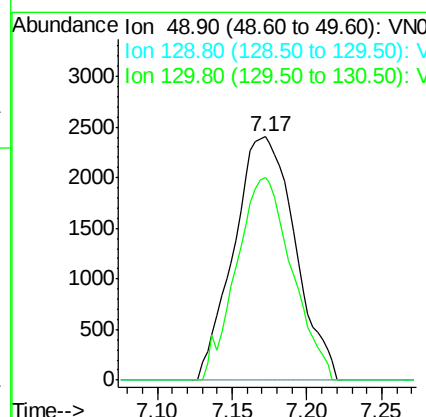
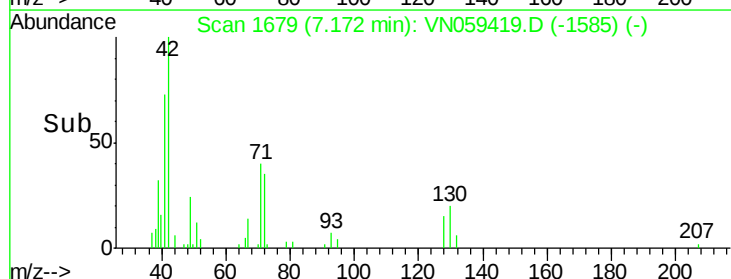
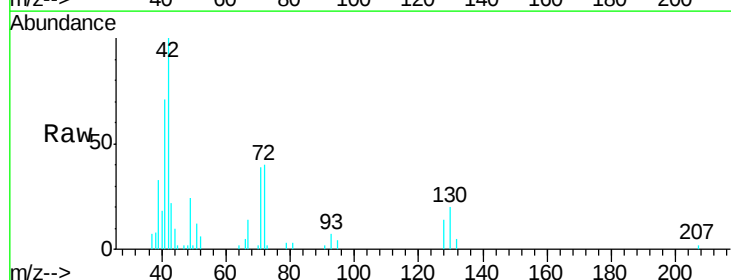
Delta R.T. 0.00 min

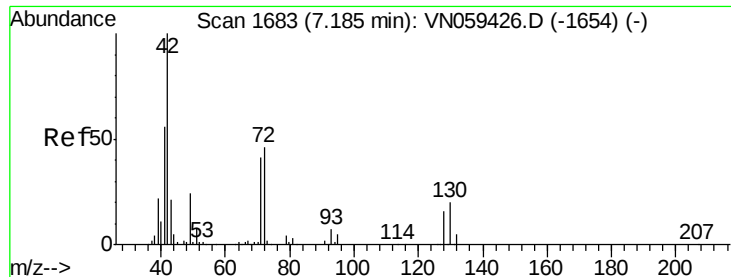
Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion: 49 Resp: 6846

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.6   |
| 130 | 75.5  | 60.5  | 90.7  |

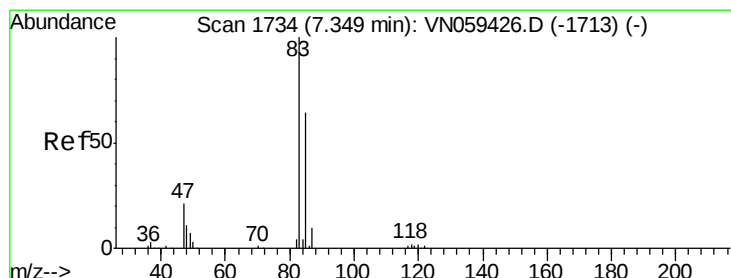
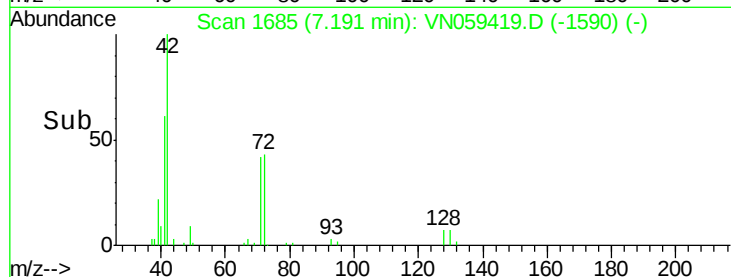
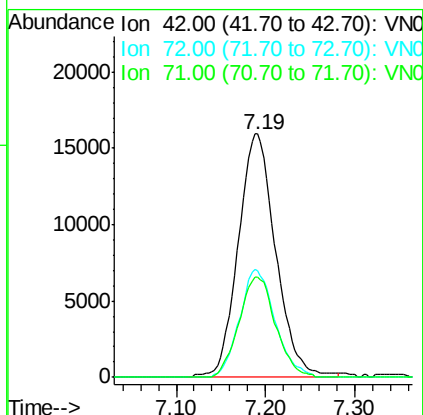
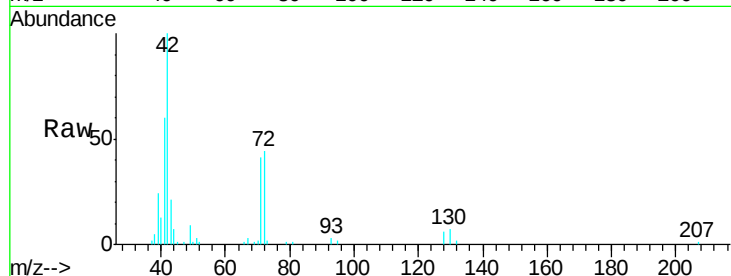




#29  
Tetrahydrofuran  
Concen: 24.822 ug/l  
RT: 7.19 min Scan# 1685  
Delta R.T. 0.01 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

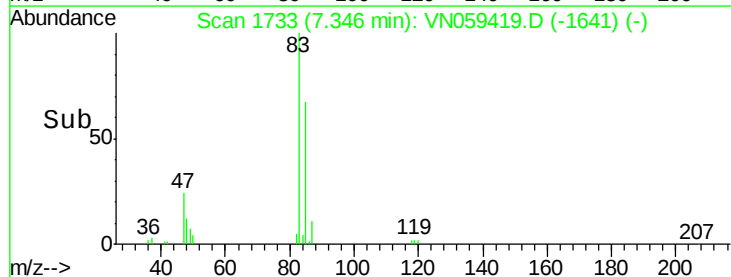
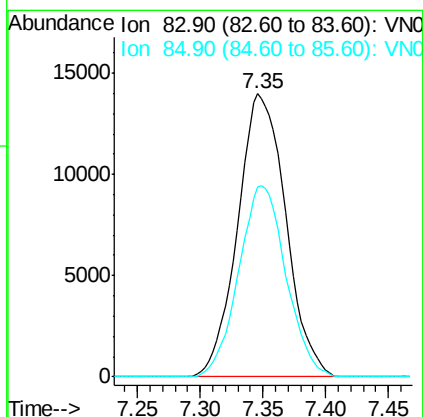
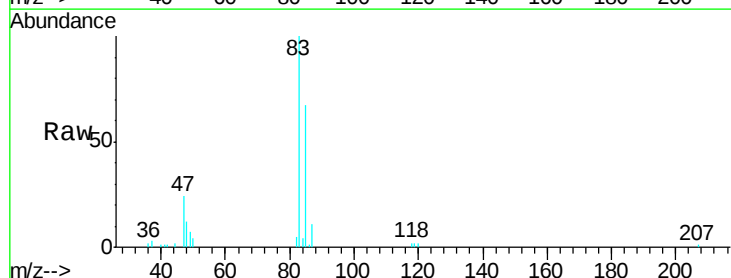
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

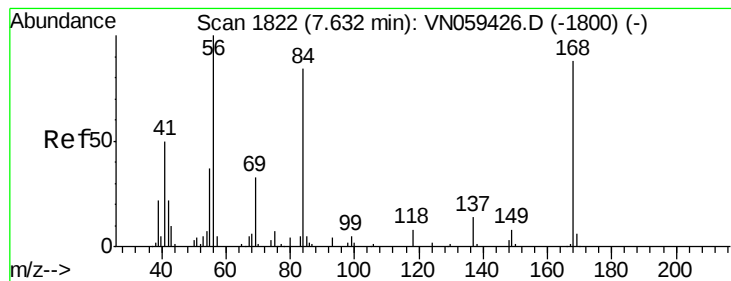
Tgt Ion: 42 Resp: 46596  
Ion Ratio Lower Upper  
42 100  
72 42.1 34.6 51.8  
71 40.3 33.0 49.6



#30  
Chloroform  
Concen: 5.115 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 83 Resp: 37246  
Ion Ratio Lower Upper  
83 100  
85 67.1 51.6 77.4





#31

Cyclohexane

Concen: 5.503 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

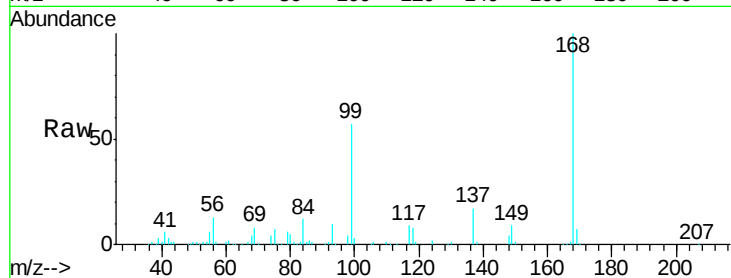
Tgt Ion: 56 Resp: 39924

Ion Ratio Lower Upper

56 100

69 55.9 26.4 39.6#

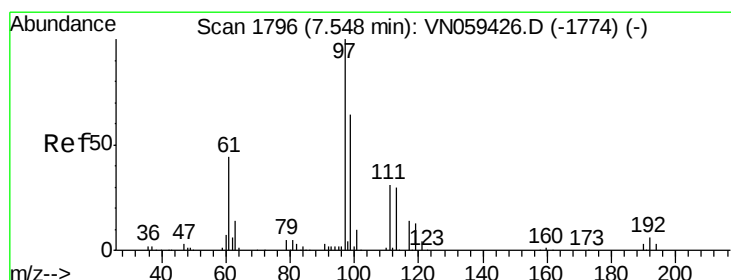
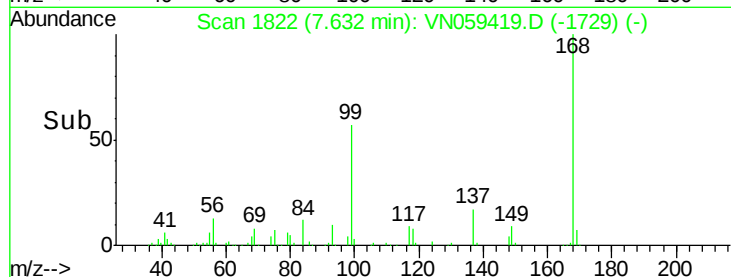
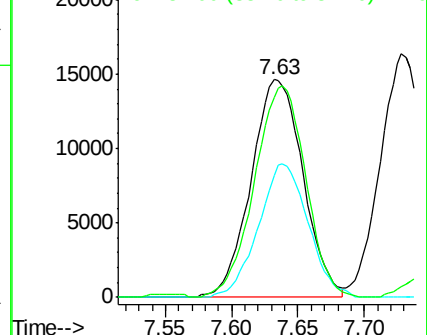
84 92.1 67.0 100.6



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: 5.097 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

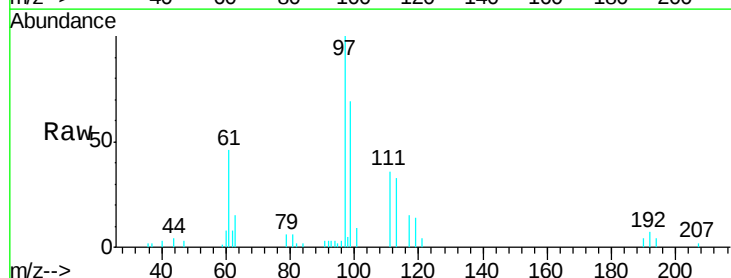
Tgt Ion: 97 Resp: 30351

Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

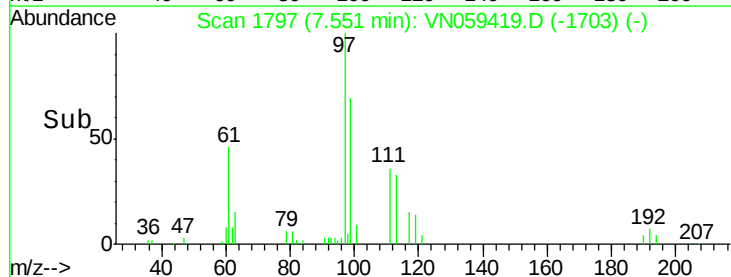
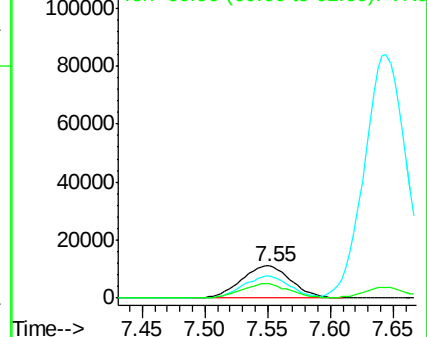
61 44.3 34.3 51.5

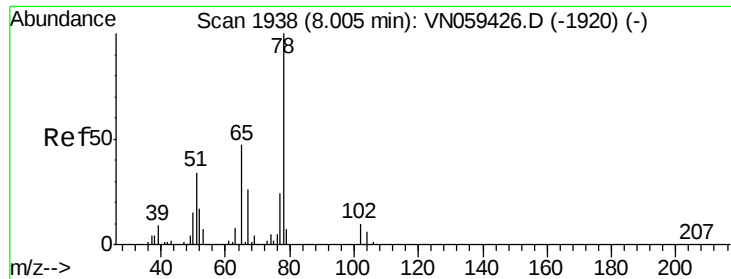


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 5.045 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

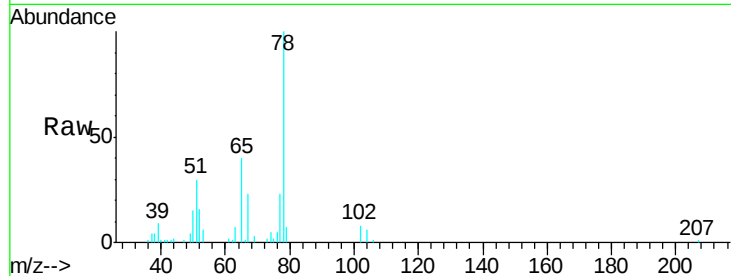
VSTDIC005

Tgt Ion: 65 Resp: 21727

Ion Ratio Lower Upper

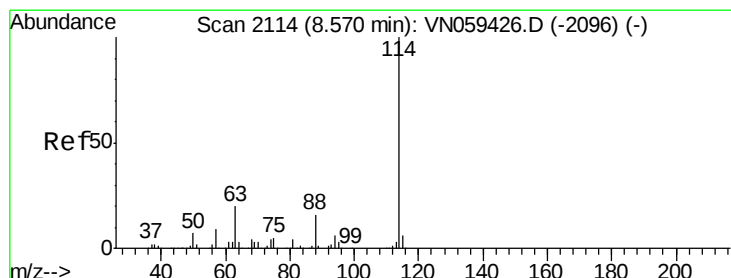
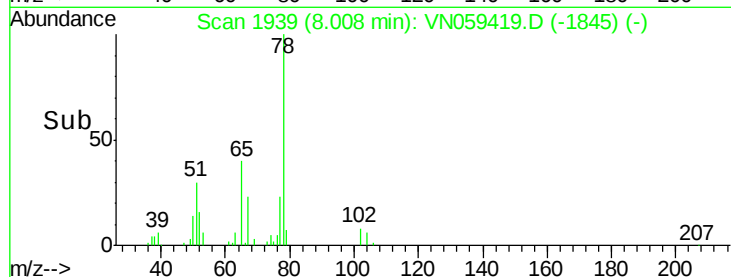
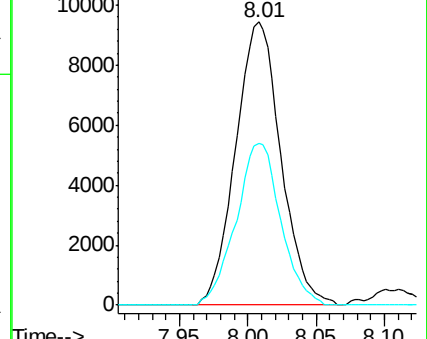
65 100

67 56.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN059419.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059419.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

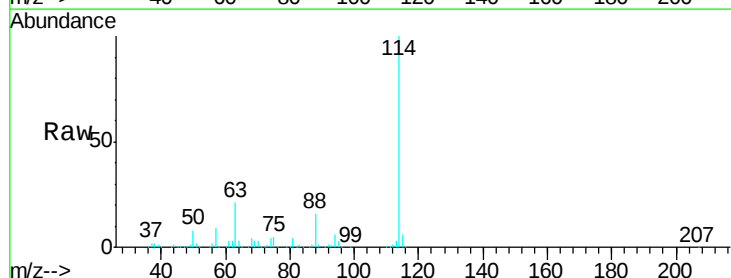
Tgt Ion: 114 Resp: 575355

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

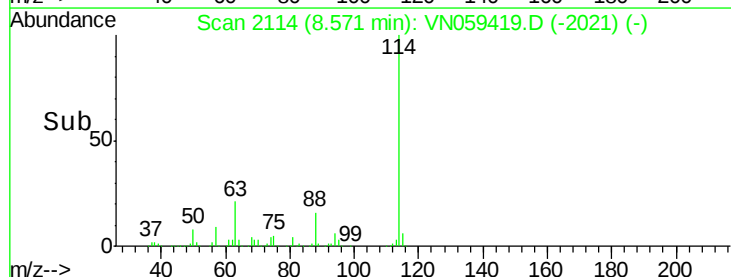
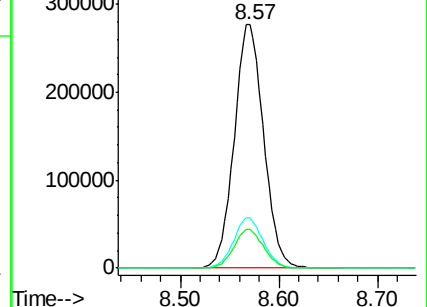
88 15.7 0.0 32.2

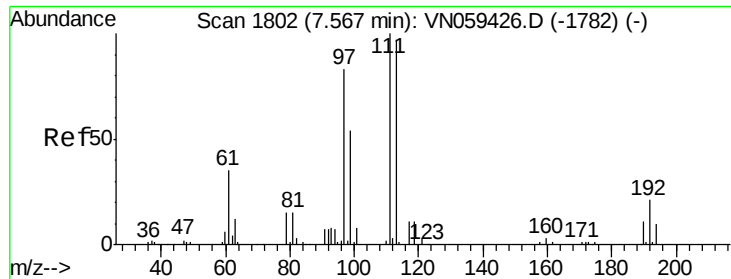


Abundance Ion 113.90 (113.60 to 114.60): VN059419.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN059419.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN059419.D (-2096) (-)

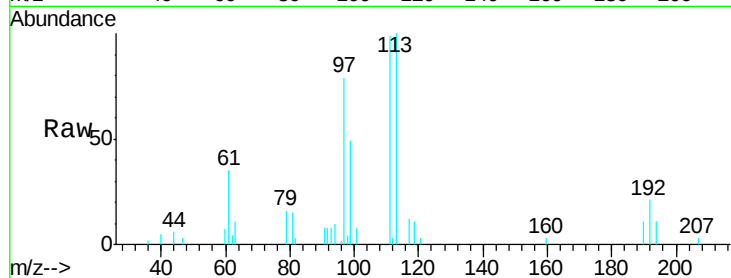




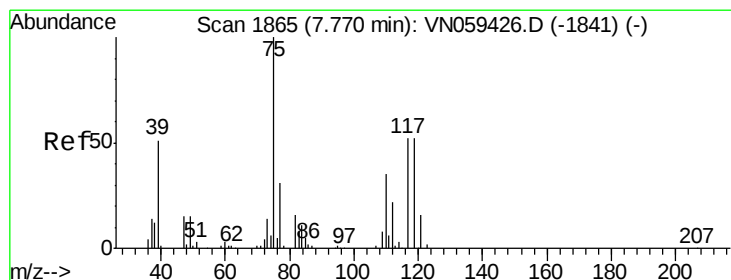
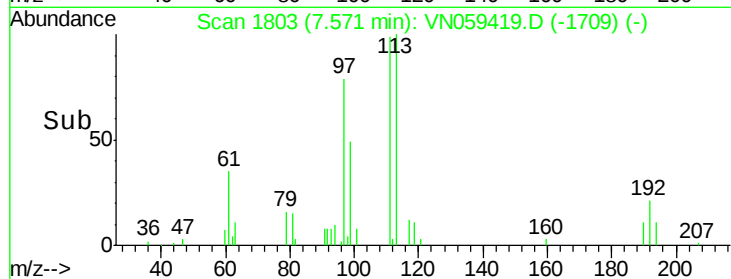
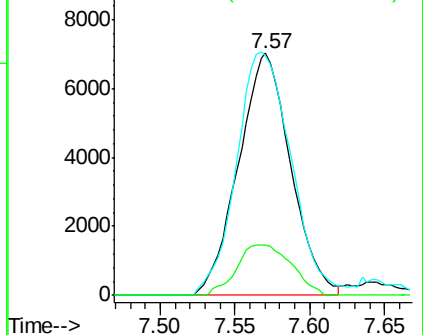
#35  
Dibromofluoromethane  
Concen: 4.867 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 113 Resp: 17056  
Ion Ratio Lower Upper  
113 100  
111 105.3 81.9 122.9  
192 21.9 16.6 24.8

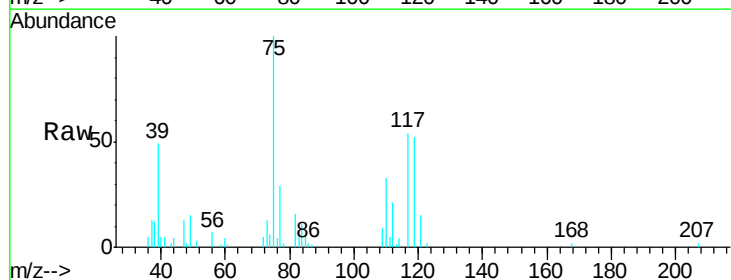


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

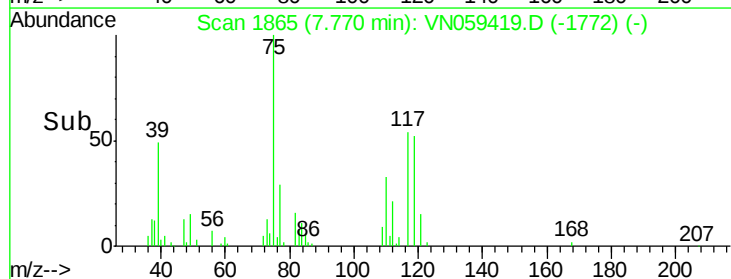
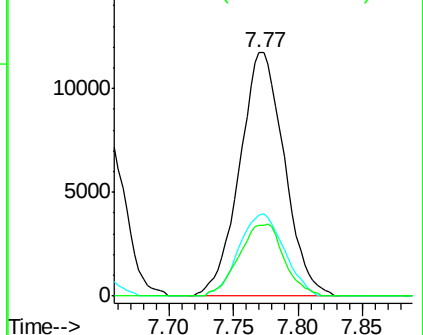


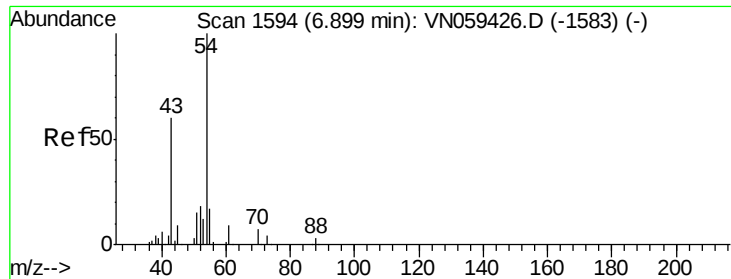
#36  
1,1-Dichloropropene  
Concen: 5.135 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 75 Resp: 28413  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.3 52.0  
77 29.7 24.9 37.3



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

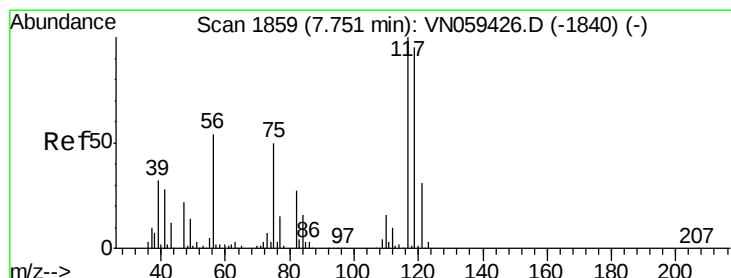
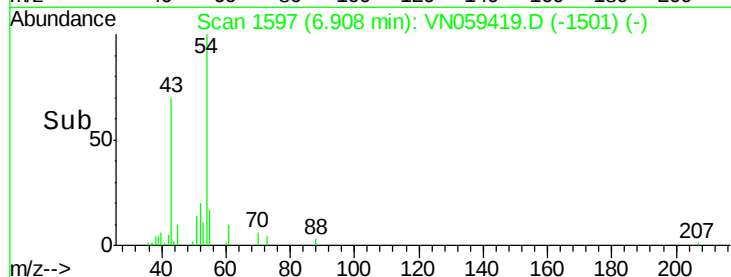
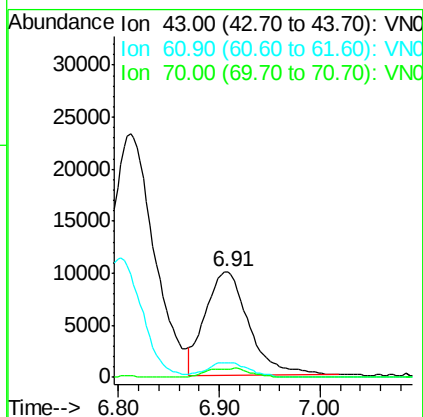
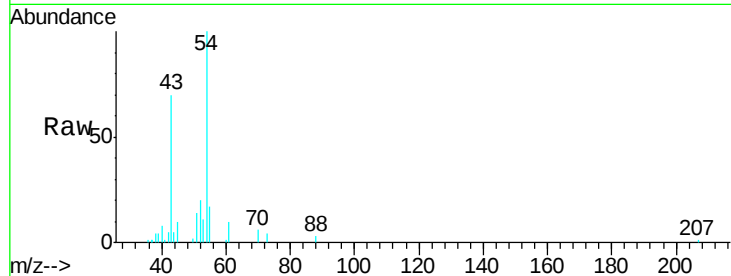




#37  
**Ethyl Acetate**  
 Concen: 5.178 ug/l  
 RT: 6.91 min Scan# 1597  
 Delta R.T. 0.01 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

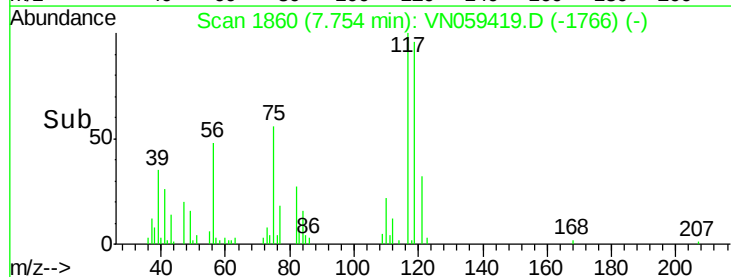
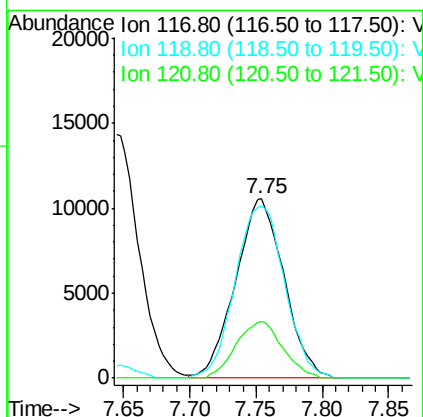
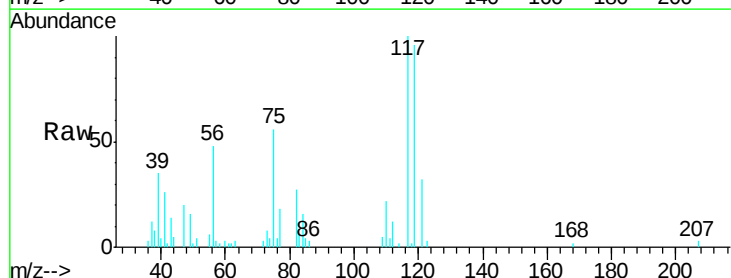
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

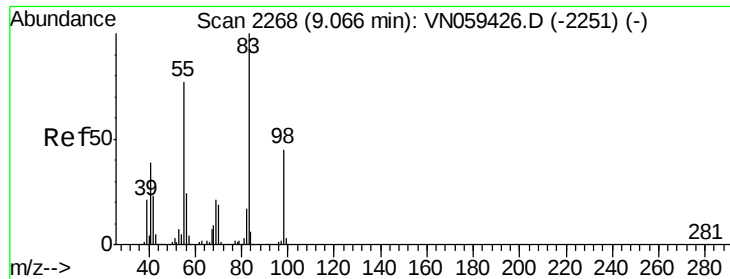
Tgt Ion: 43 Resp: 30312  
 Ion Ratio Lower Upper  
 43 100  
 61 13.6 12.2 18.2  
 70 8.7 8.8 13.2#



#38  
**Carbon Tetrachloride**  
 Concen: 5.151 ug/l  
 RT: 7.75 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion: 117 Resp: 26896  
 Ion Ratio Lower Upper  
 117 100  
 119 95.9 75.9 113.9  
 121 32.0 24.6 36.8

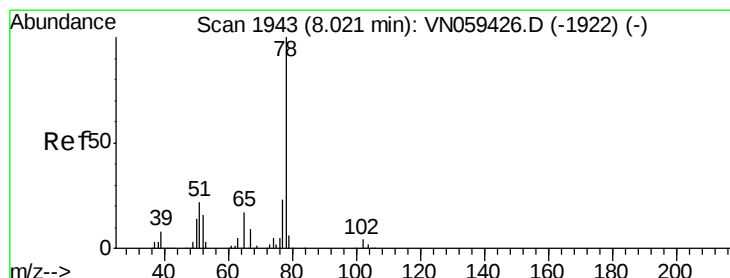
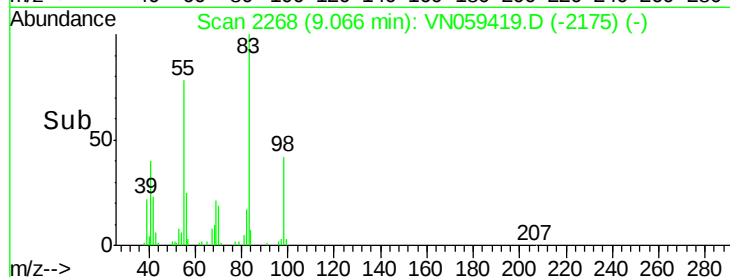
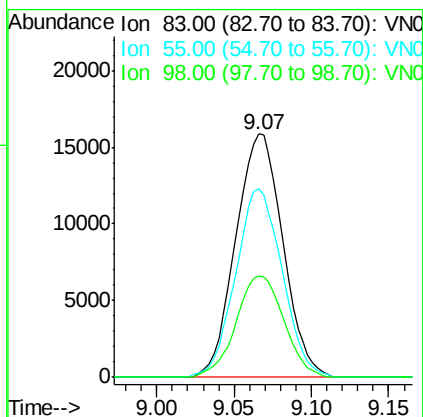
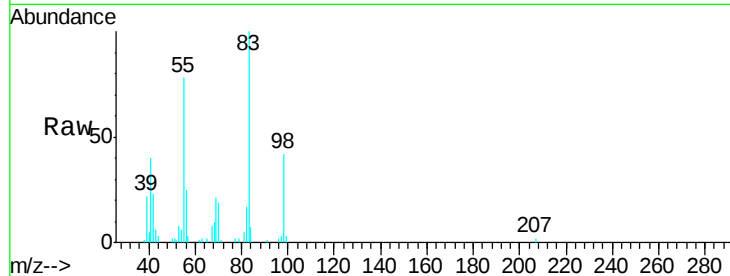




#39  
Methylcyclohexane  
Concen: 5.085 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

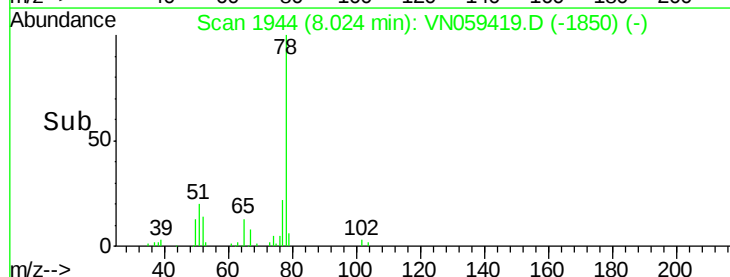
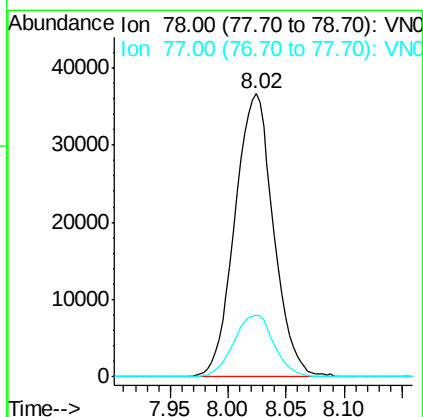
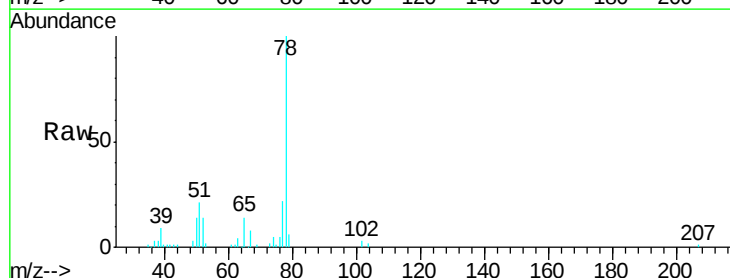
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

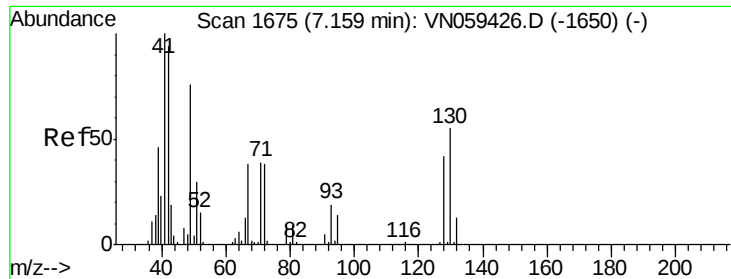
Tgt Ion: 83 Resp: 33657  
Ion Ratio Lower Upper  
83 100  
55 77.6 61.6 92.4  
98 41.8 35.7 53.5



#40  
Benzene  
Concen: 5.173 ug/l  
RT: 8.02 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 78 Resp: 84984  
Ion Ratio Lower Upper  
78 100  
77 21.9 18.3 27.5

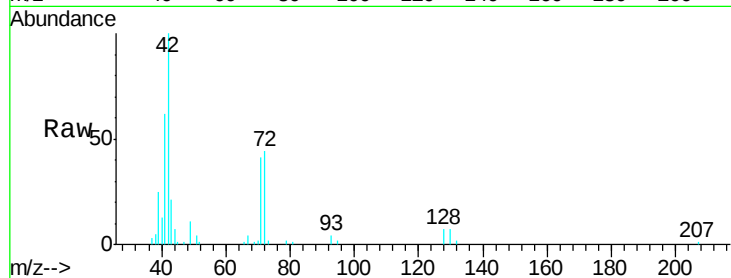




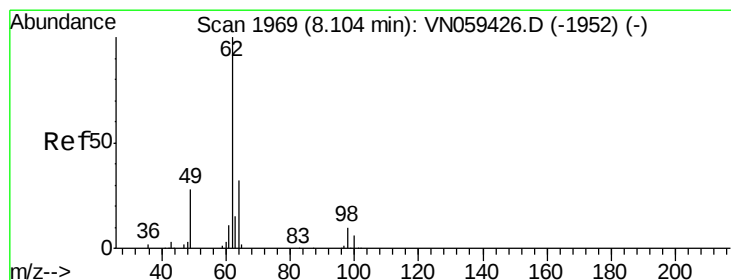
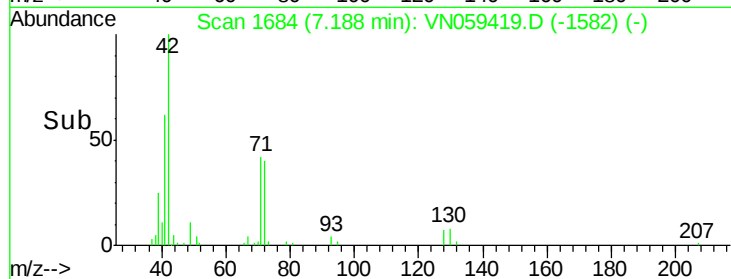
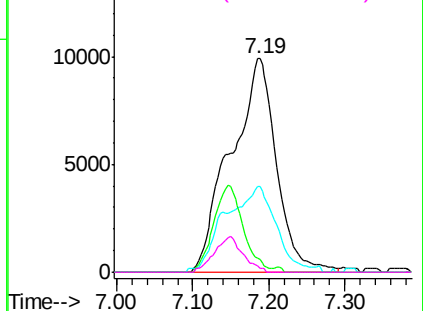
#41  
Methacrylonitrile  
Concen: 14.967 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.03 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 41367 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

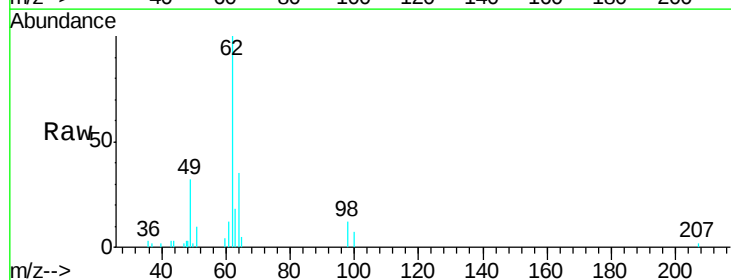


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

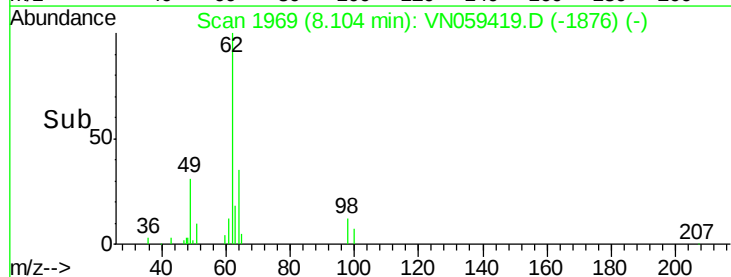
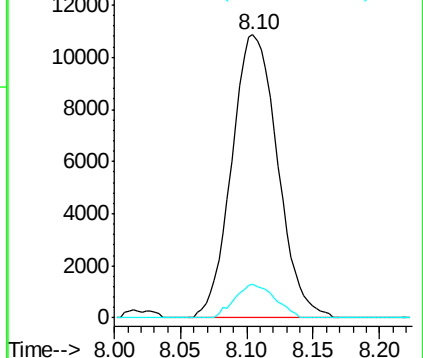


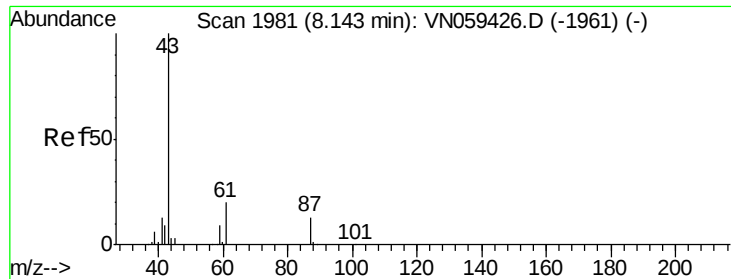
#42  
1,2-Dichloroethane  
Concen: 5.015 ug/l  
RT: 8.10 min Scan# 1969  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 26124 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.3  | 0.0   | 19.0  |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.921 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

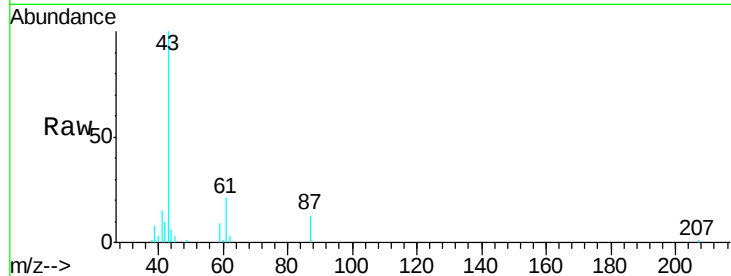
Tgt Ion: 43 Resp: 43761

Ion Ratio Lower Upper

43 100

61 21.6 22.2 33.2#

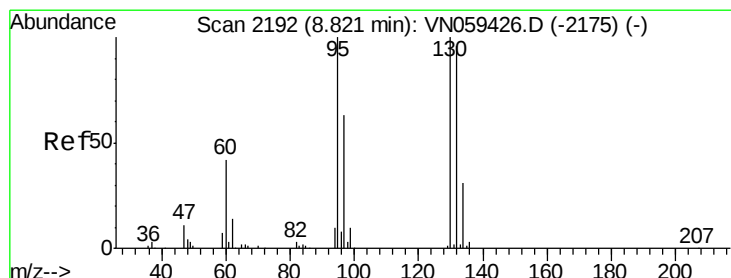
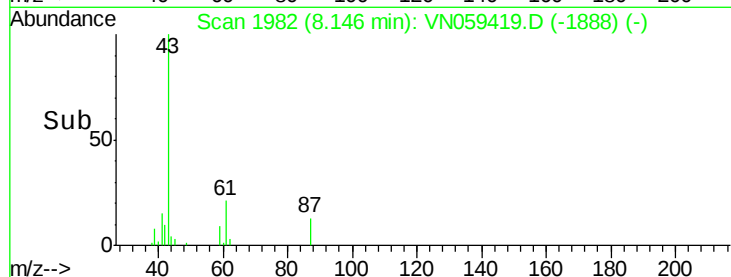
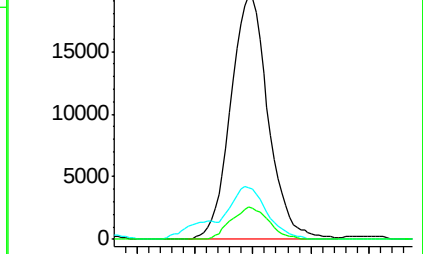
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN059426.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059426.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059426.D (-1961) (-)



#44

Trichloroethene

Concen: 5.001 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059419.D

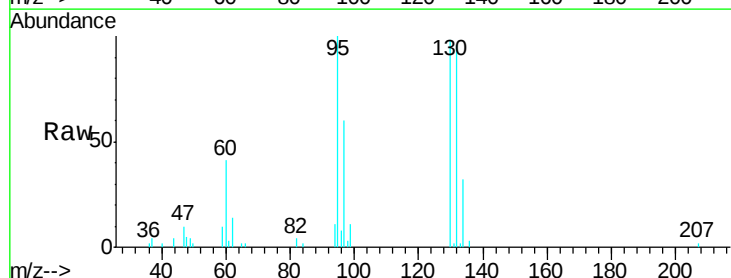
Acq: 27 Nov 2019 13:01

Tgt Ion: 130 Resp: 20947

Ion Ratio Lower Upper

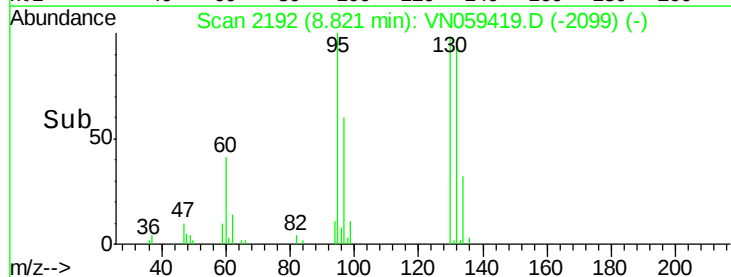
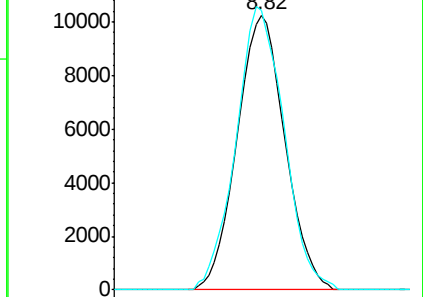
130 100

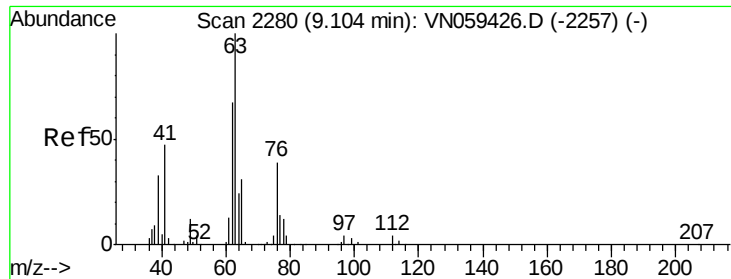
95 101.9 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): VN059426.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059426.D (-2175) (-)

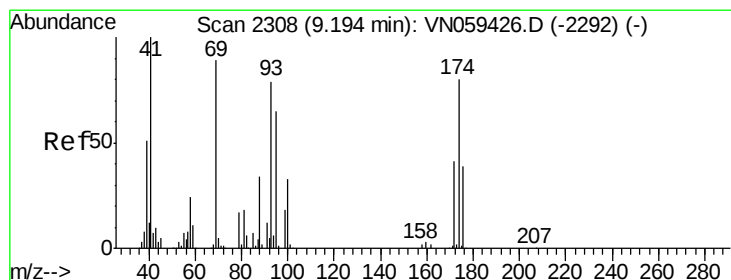
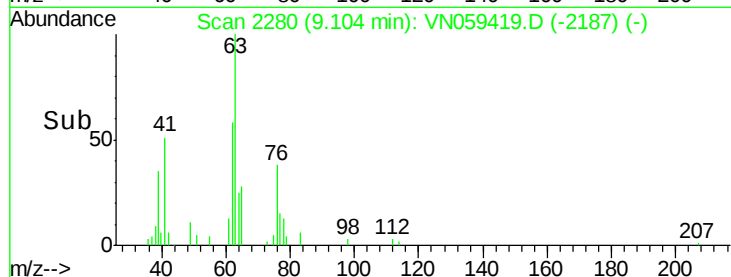
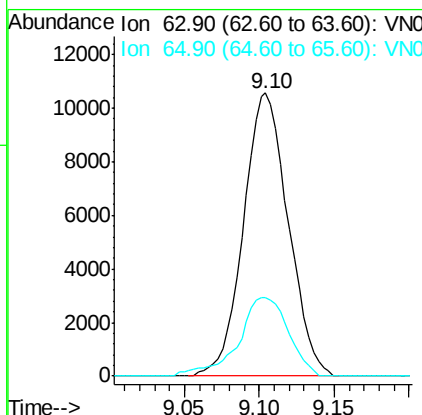
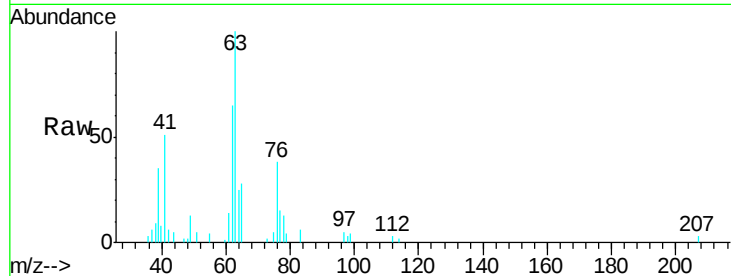




#45  
 1,2-Dichloropropane  
 Concen: 5.113 ug/l  
 RT: 9.10 min Scan# 2280  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

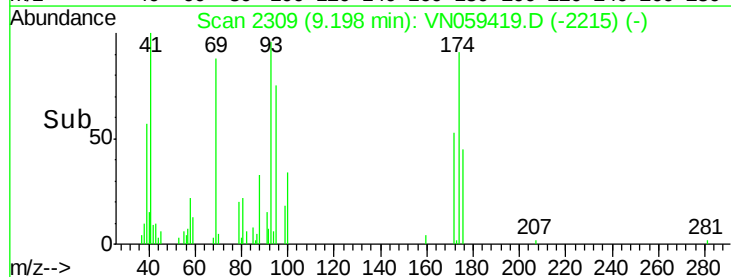
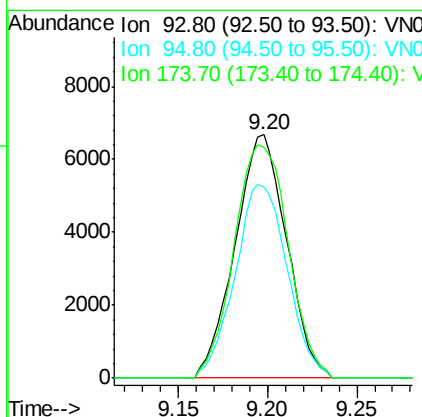
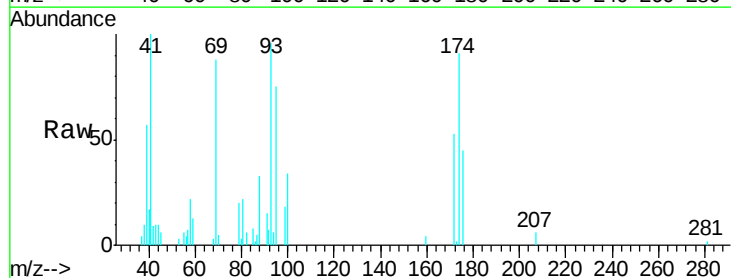
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

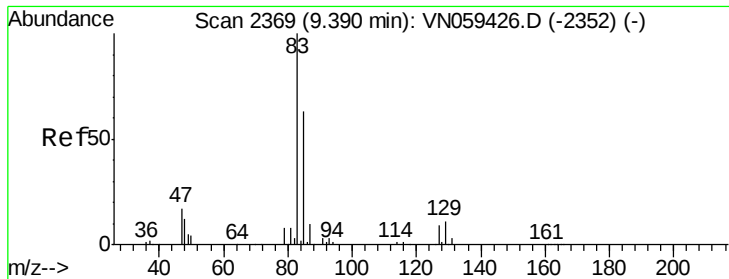
Tgt Ion: 63 Resp: 21969  
 Ion Ratio Lower Upper  
 63 100  
 65 27.9 24.6 36.8



#46  
 Dibromomethane  
 Concen: 5.063 ug/l  
 RT: 9.20 min Scan# 2309  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion: 93 Resp: 13426  
 Ion Ratio Lower Upper  
 93 100  
 95 80.6 66.2 99.4  
 174 101.2 81.8 122.8





#47

Bromodichloromethane

Concen: 4.963 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

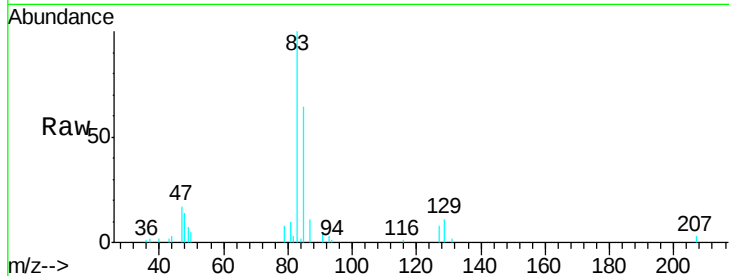
Tgt Ion: 83 Resp: 26619

Ion Ratio Lower Upper

83 100

85 63.7 50.6 75.8

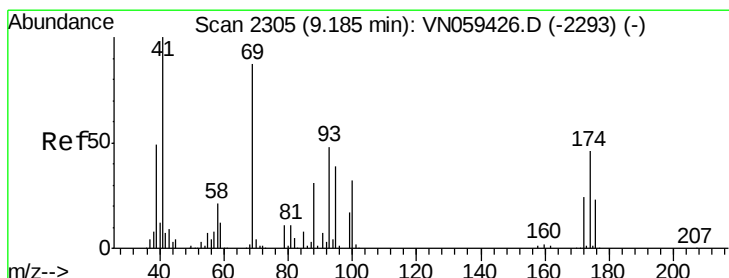
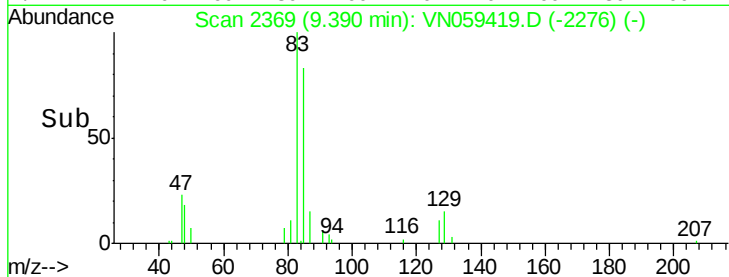
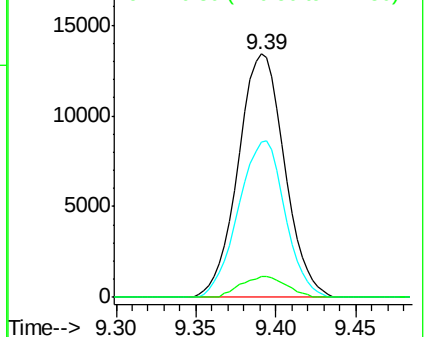
127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN059419.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059419.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059419.D (-2276) (-)



#48

Methyl methacrylate

Concen: 4.630 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

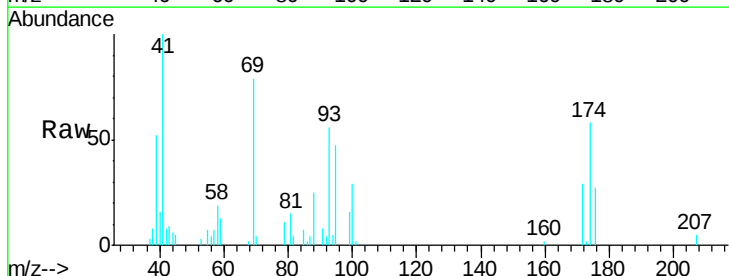
Tgt Ion: 41 Resp: 18267

Ion Ratio Lower Upper

41 100

69 87.4 71.6 107.4

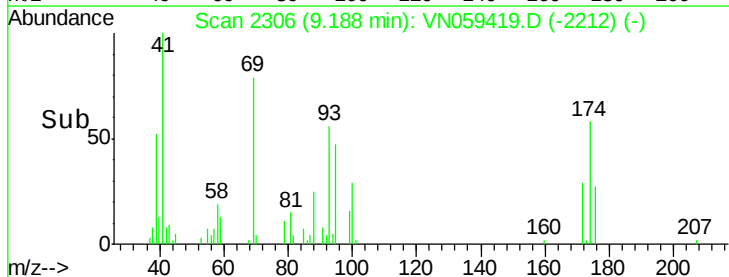
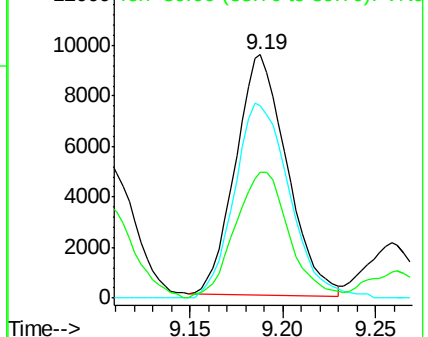
39 55.2 41.3 61.9

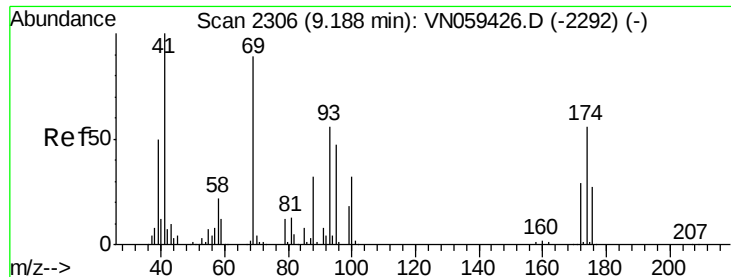


Abundance Ion 41.00 (40.70 to 41.70): VN059419.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059419.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059419.D (-2212) (-)

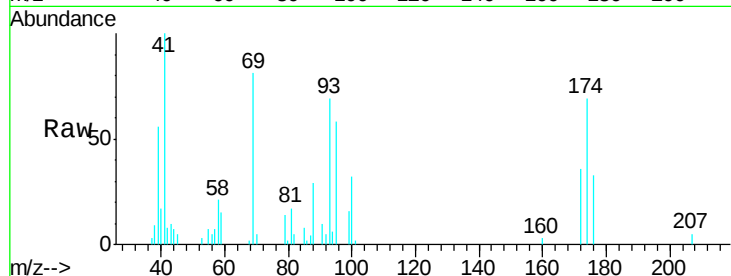




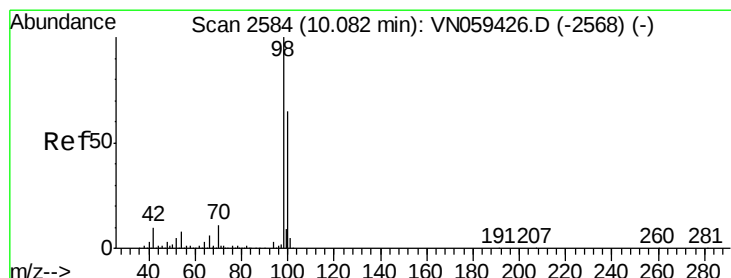
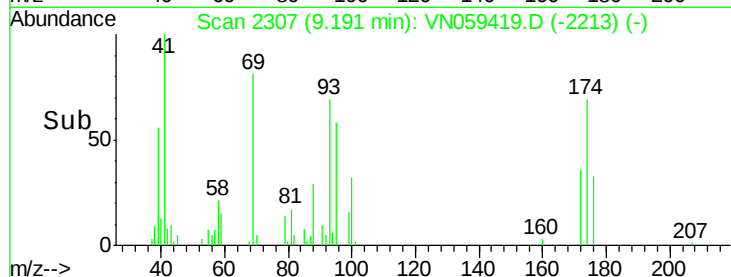
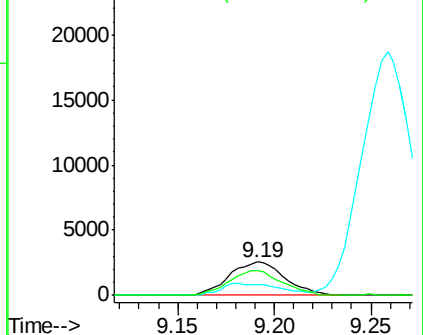
#49  
1,4-Dioxane  
Concen: 88.472 ug/l  
RT: 9.19 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 88 Resp: 5098  
Ion Ratio Lower Upper  
88 100  
43 37.3 23.7 35.5#  
58 70.6 56.3 84.5

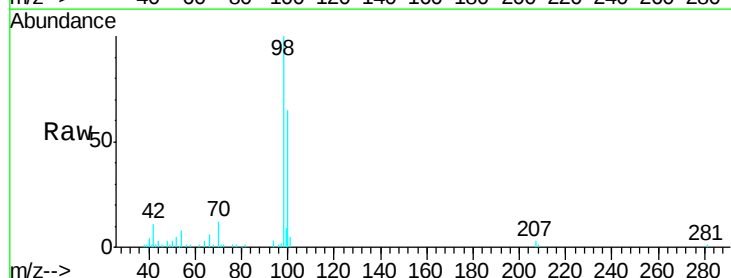


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

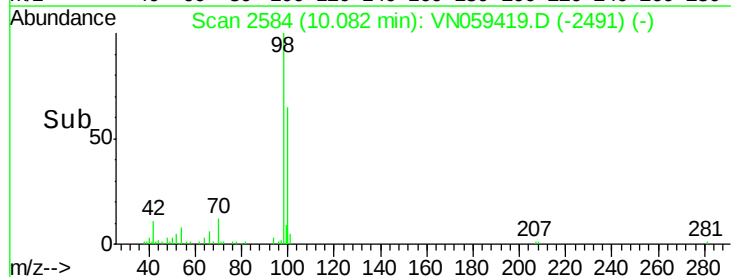
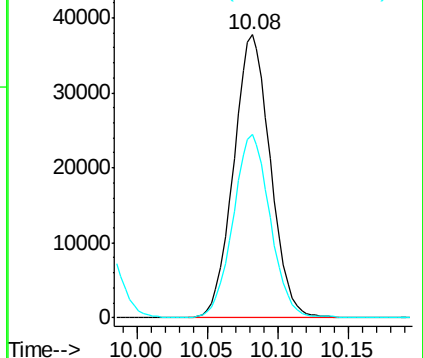


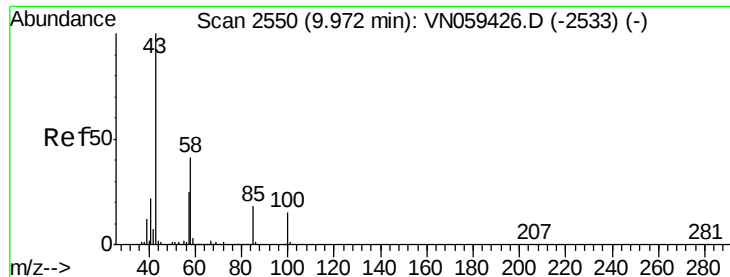
#50  
Toluene-d8  
Concen: 4.934 ug/l  
RT: 10.08 min Scan# 2584  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 98 Resp: 68902  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.2 78.2



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

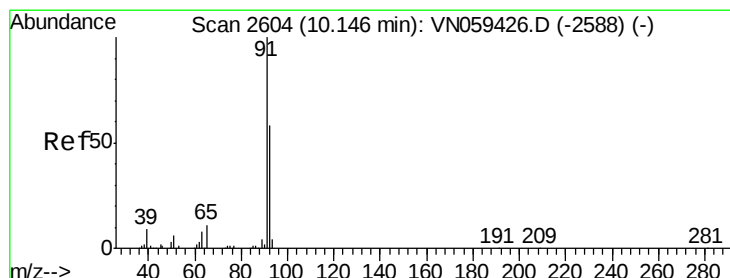
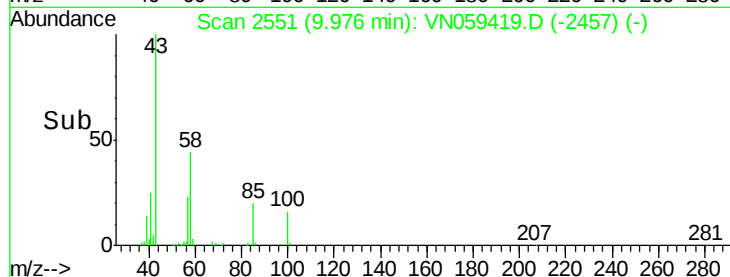
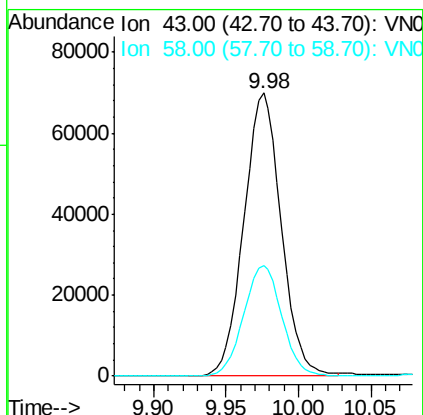
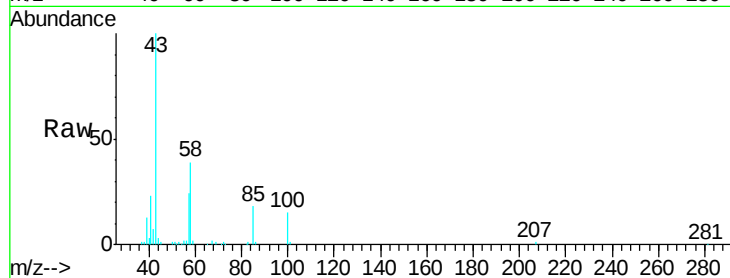




#51  
 4-Methyl-2-Pentanone  
 Concen: 24.317 ug/l  
 RT: 9.98 min Scan# 2551  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

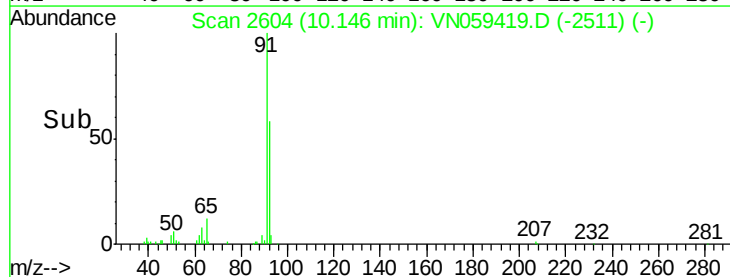
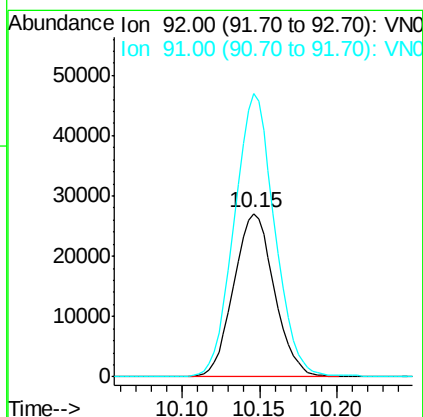
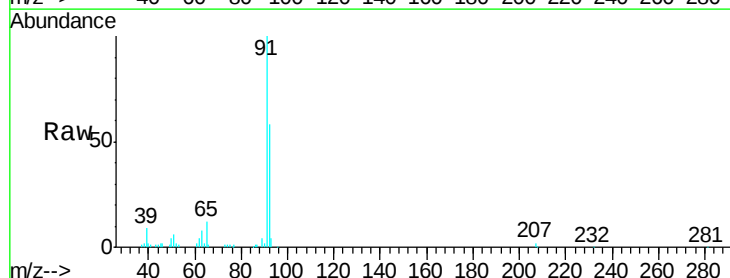
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

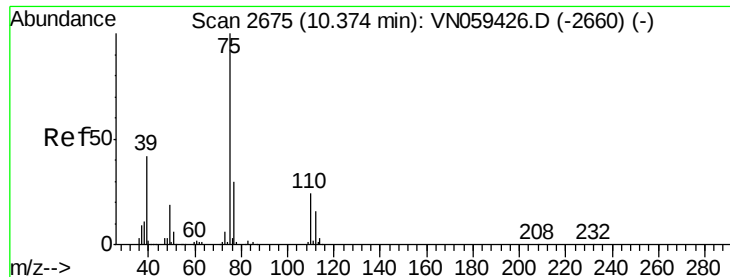
Tgt Ion: 43 Resp: 125435  
 Ion Ratio Lower Upper  
 43 100  
 58 40.0 32.5 48.7



#52  
 Toluene  
 Concen: 5.023 ug/l  
 RT: 10.15 min Scan# 2604  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion: 92 Resp: 49295  
 Ion Ratio Lower Upper  
 92 100  
 91 172.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 4.787 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

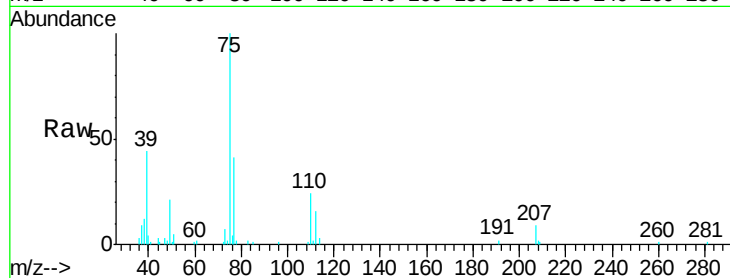
VSTDIC005

Tgt Ion: 75 Resp: 29503

Ion Ratio Lower Upper

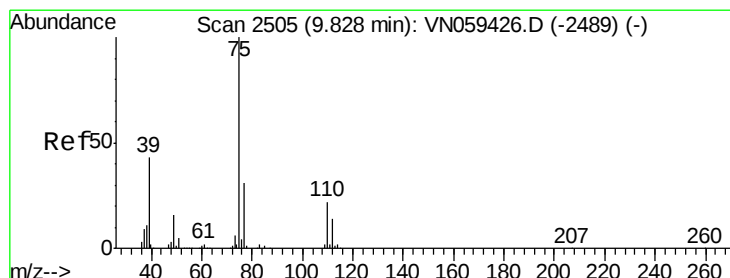
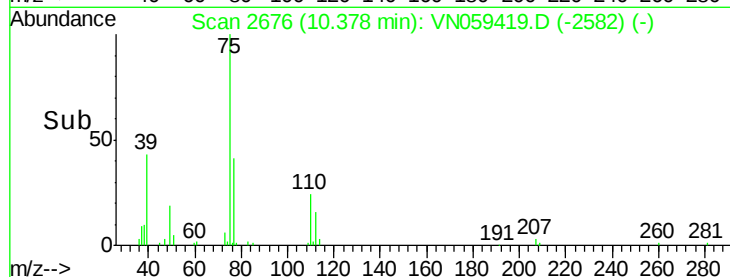
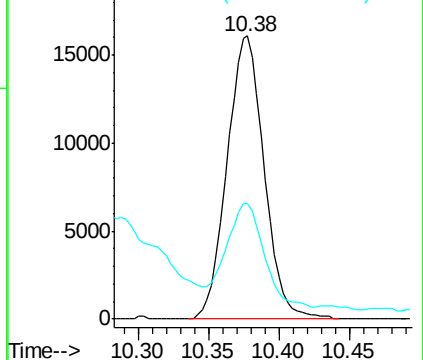
75 100

77 36.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.881 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

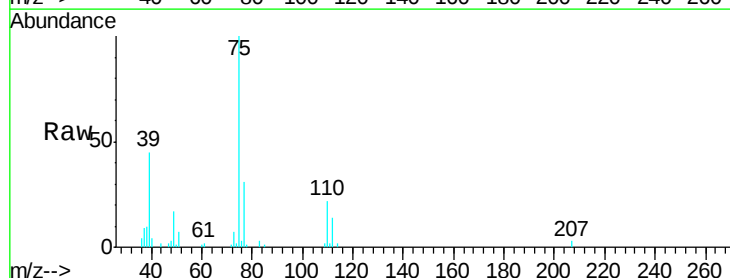
Tgt Ion: 75 Resp: 32470

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

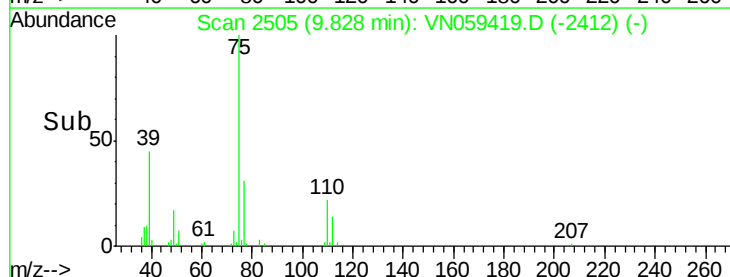
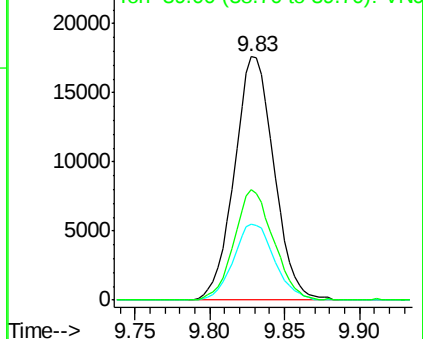
39 45.2 34.0 51.0

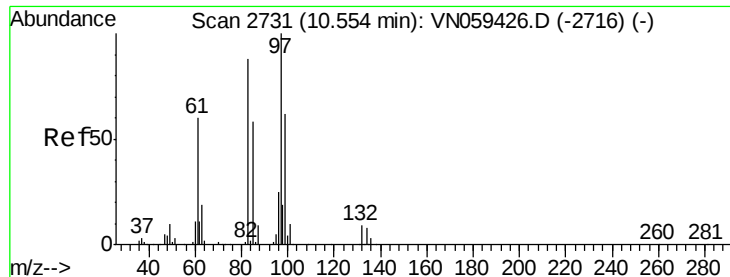


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

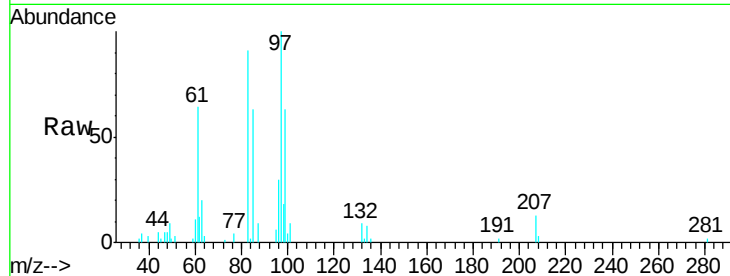




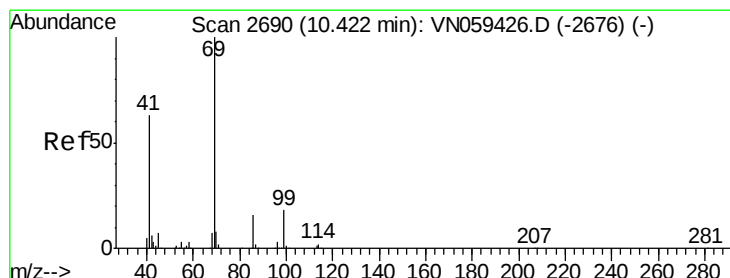
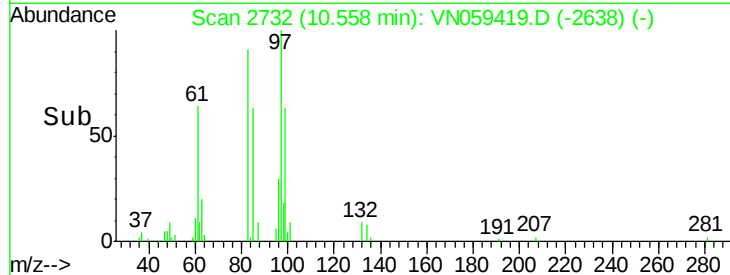
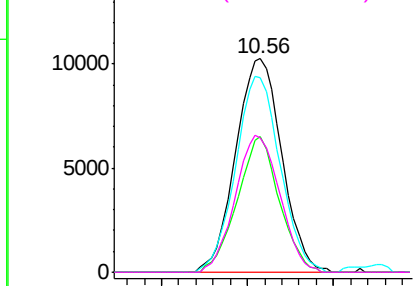
#55  
 1,1,2-Trichloroethane  
 Concen: 4.971 ug/l  
 RT: 10.56 min Scan# 2732  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 97 Resp: 19095  
 Ion Ratio Lower Upper  
 97 100  
 83 91.3 70.7 106.1  
 85 63.4 46.4 69.6  
 99 62.9 49.6 74.4

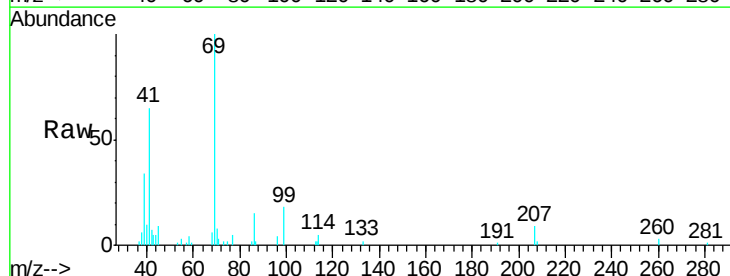


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

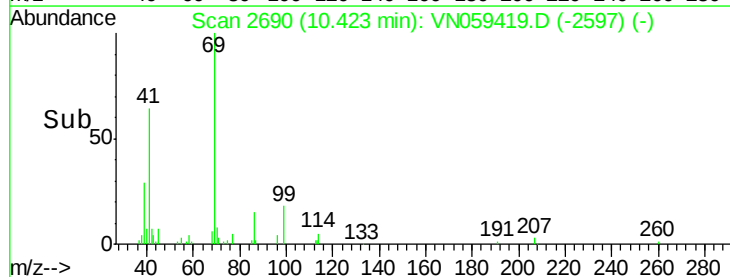
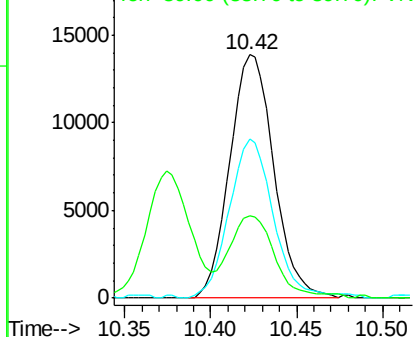


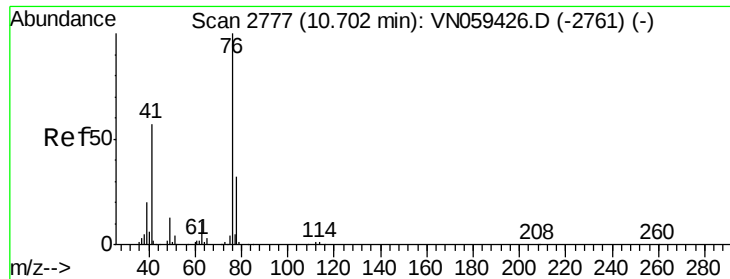
#56  
 Ethyl methacrylate  
 Concen: 4.413 ug/l  
 RT: 10.42 min Scan# 2690  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion: 69 Resp: 24725  
 Ion Ratio Lower Upper  
 69 100  
 41 66.1 50.1 75.1  
 39 32.4 23.9 35.9



Abundance Ion 69.00 (68.70 to 69.70): VN0  
 Ion 41.00 (40.70 to 41.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 5.066 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

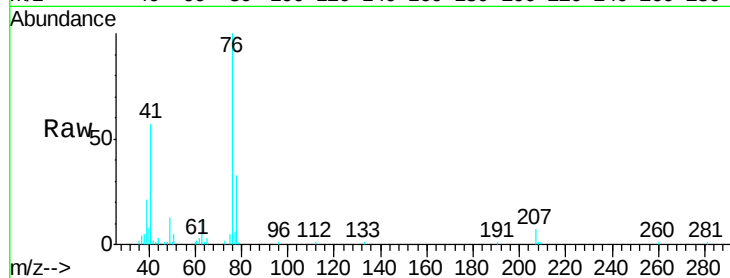
VSTDIC005

Tgt Ion: 76 Resp: 33639

Ion Ratio Lower Upper

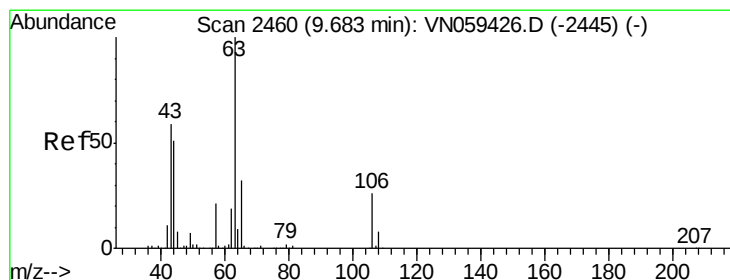
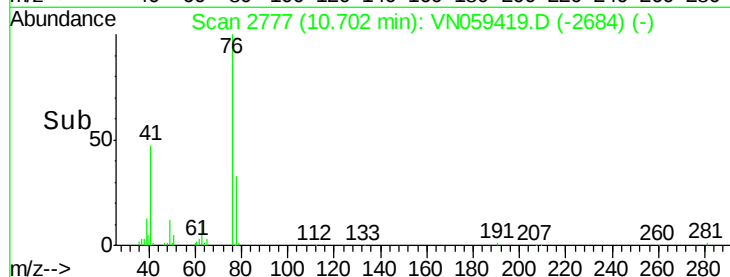
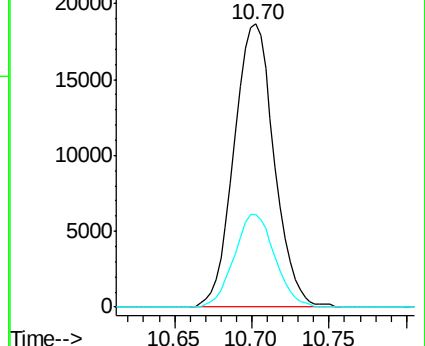
76 100

78 33.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 21.921 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059419.D

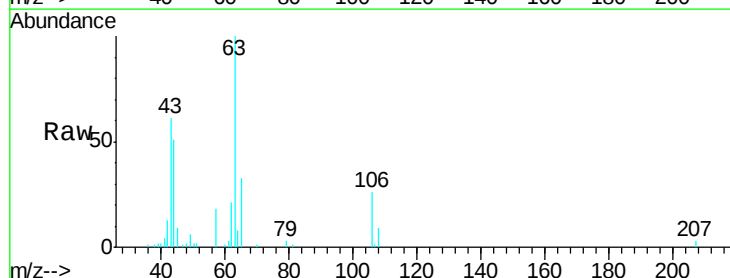
Acq: 27 Nov 2019 13:01

Tgt Ion: 63 Resp: 36081

Ion Ratio Lower Upper

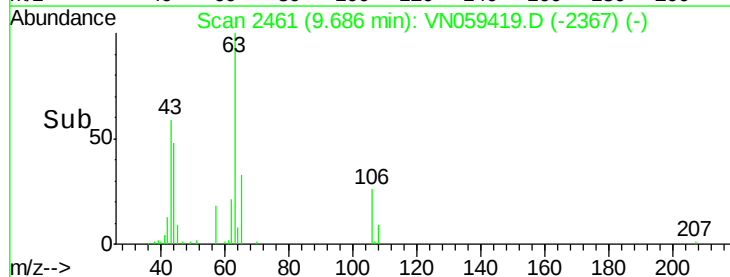
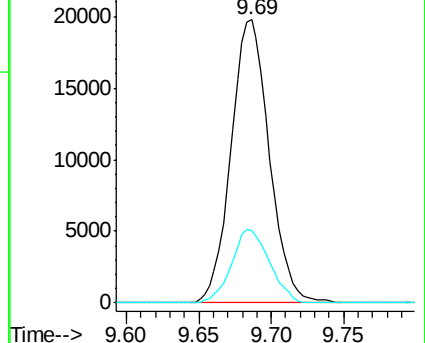
63 100

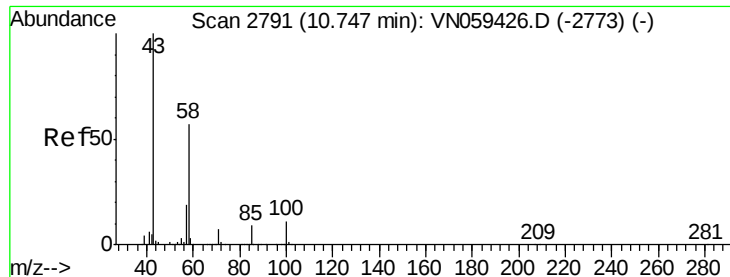
106 25.8 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

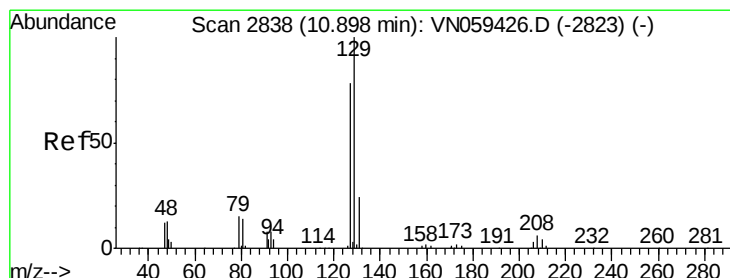
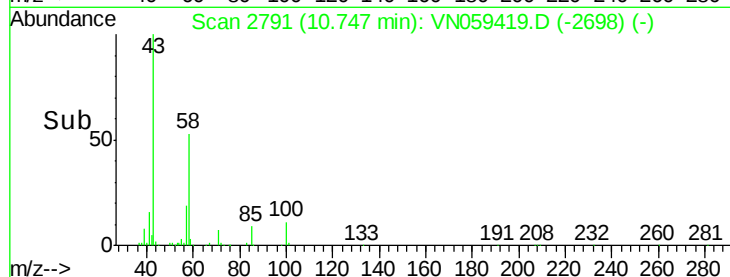
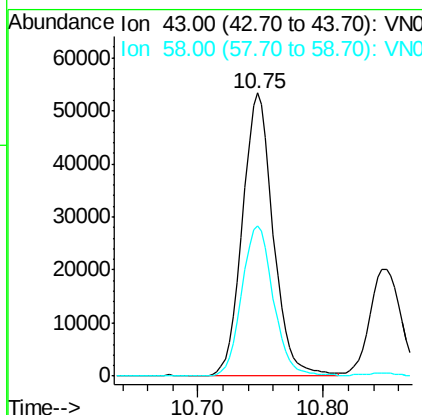
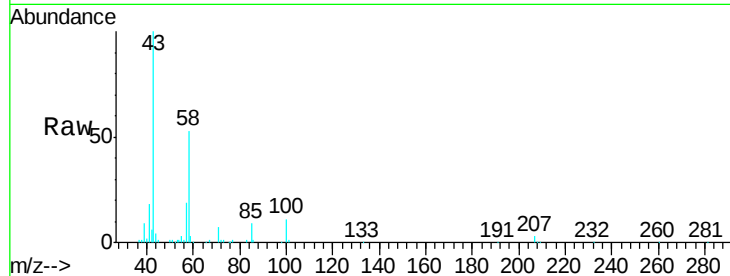




#59  
2-Hexanone  
Concen: 23.865 ug/l  
RT: 10.75 min Scan# 2791  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

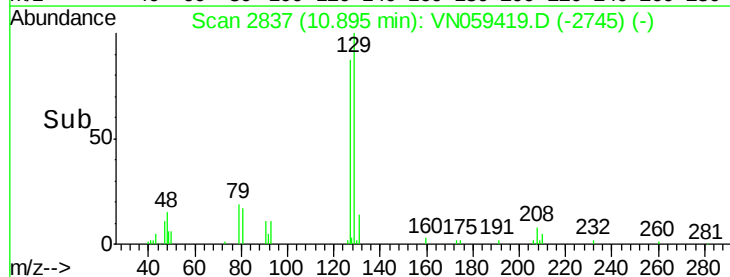
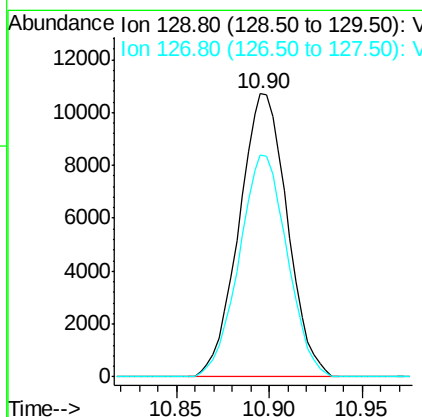
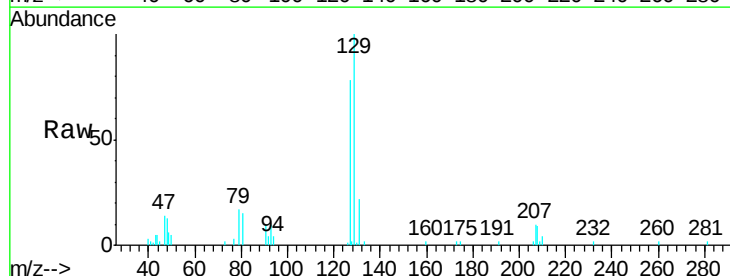
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

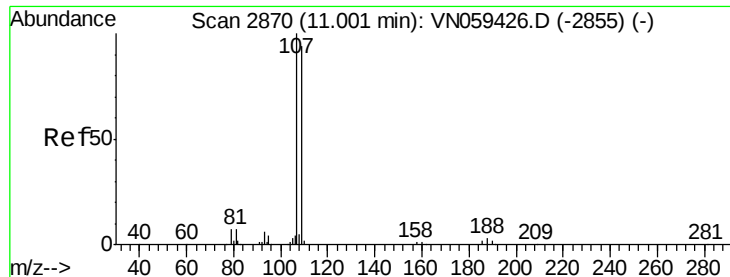
Tgt Ion: 43 Resp: 91281  
Ion Ratio Lower Upper  
43 100  
58 54.5 28.3 85.0



#60  
Dibromochloromethane  
Concen: 4.839 ug/l  
RT: 10.90 min Scan# 2837  
Delta R.T. -0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 129 Resp: 19406  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.6 116.0

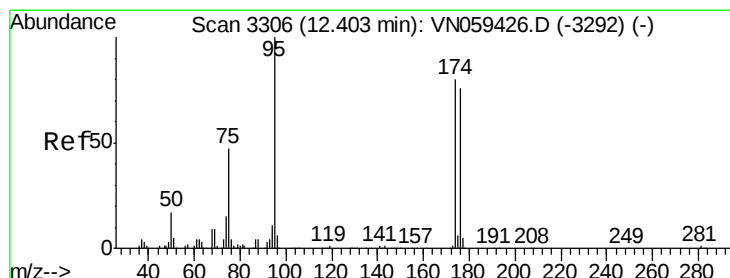
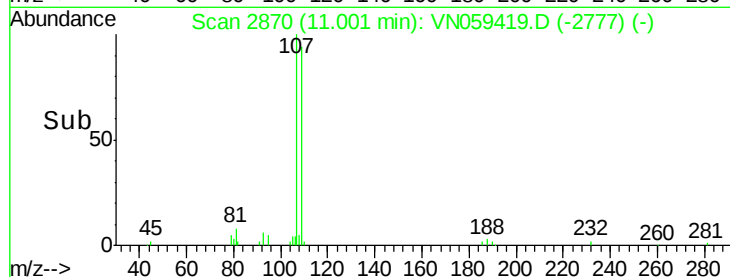
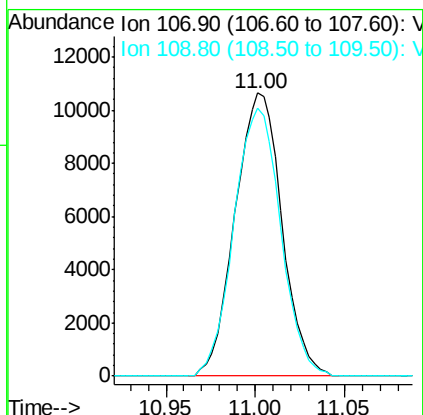
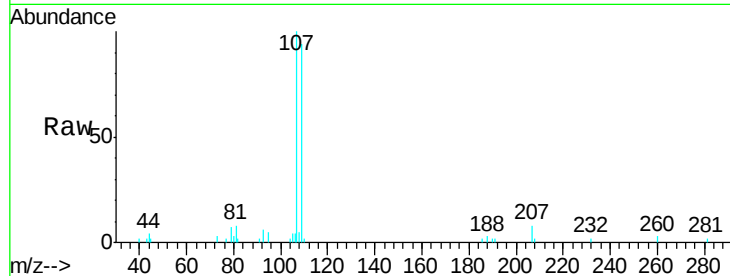




#61  
 1,2-Dibromoethane  
 Concen: 4.940 ug/l  
 RT: 11.00 min Scan# 2870  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

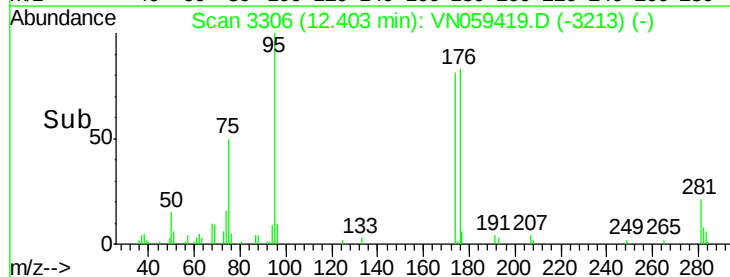
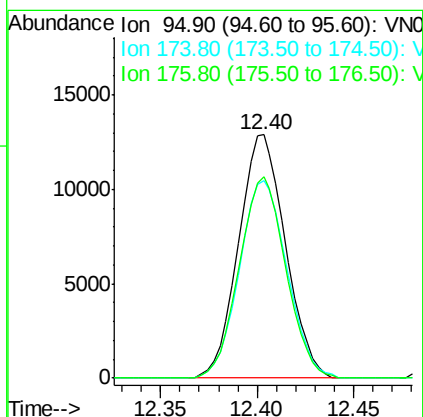
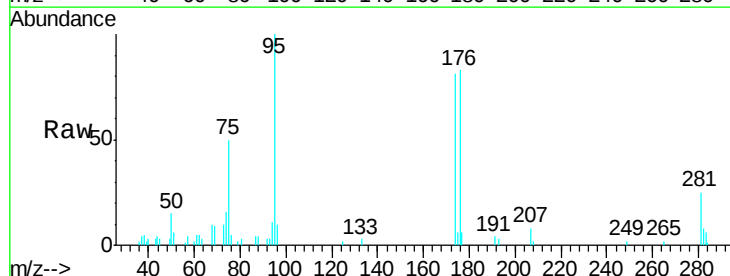
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

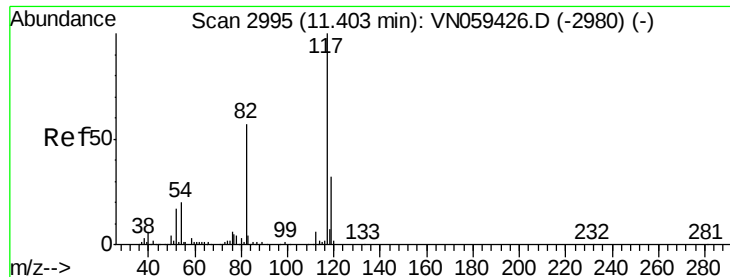
Tgt Ion: 107 Resp: 19448  
 Ion Ratio Lower Upper  
 107 100  
 109 94.5 75.8 113.8



#62  
 4-Bromofluorobenzene  
 Concen: 4.462 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion: 95 Resp: 21695  
 Ion Ratio Lower Upper  
 95 100  
 174 82.6 0.0 158.0  
 176 82.0 0.0 153.0

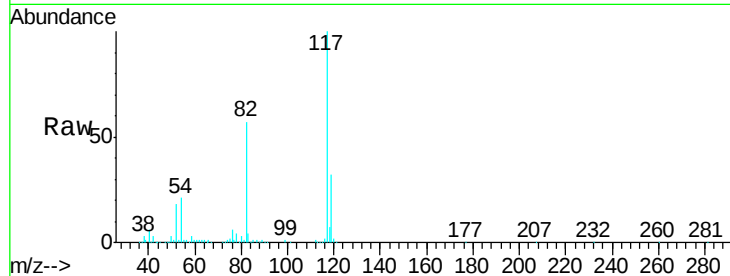




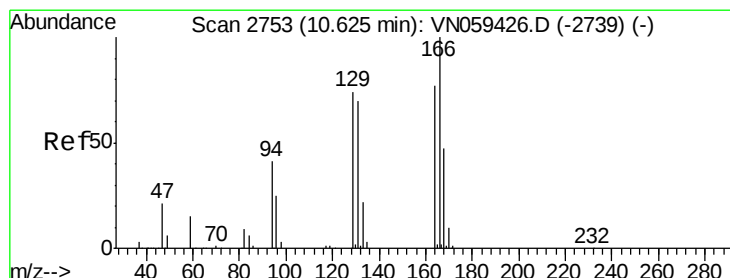
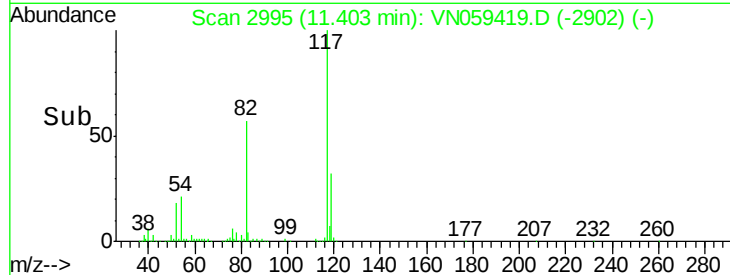
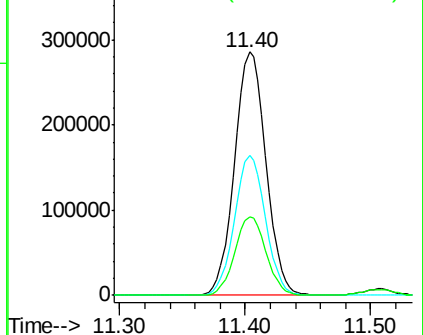
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:117 Resp: 498480  
Ion Ratio Lower Upper  
117 100  
82 57.4 45.4 68.0  
119 32.2 25.6 38.4



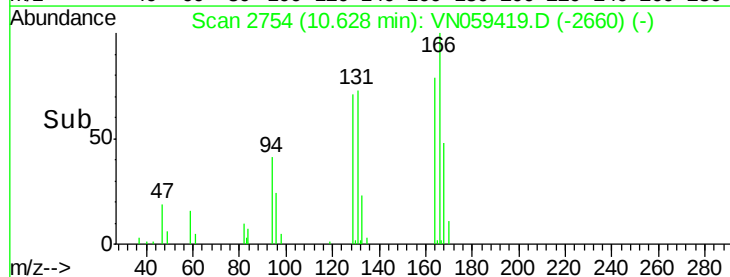
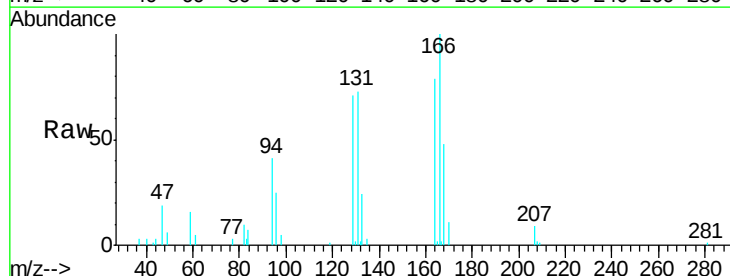
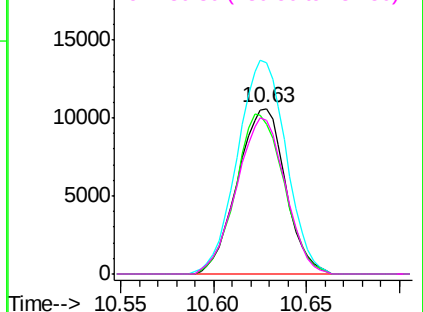
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

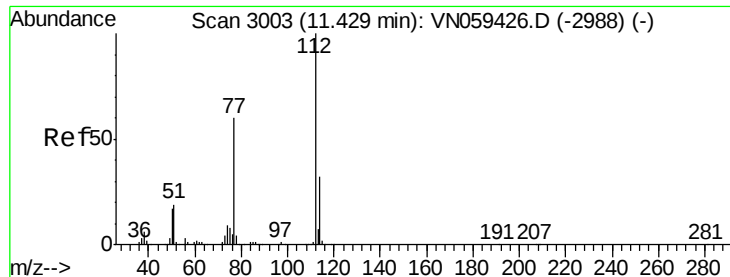


#64  
Tetrachloroethene  
Concen: 5.182 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion:164 Resp: 19105  
Ion Ratio Lower Upper  
164 100  
166 127.3 104.2 156.4  
129 90.3 76.8 115.2  
131 93.0 73.0 109.6

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: 5.093 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

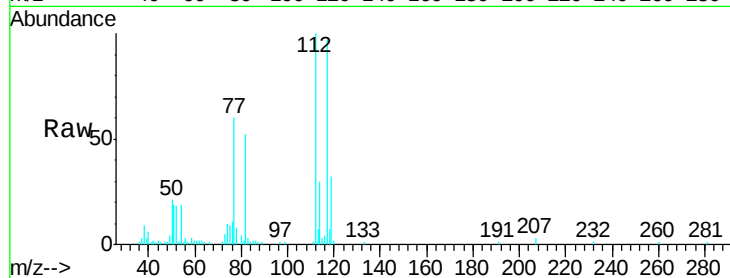
VSTDIC005

Tgt Ion:112 Resp: 51401

Ion Ratio Lower Upper

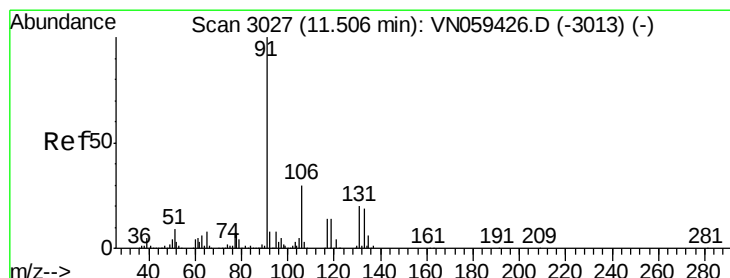
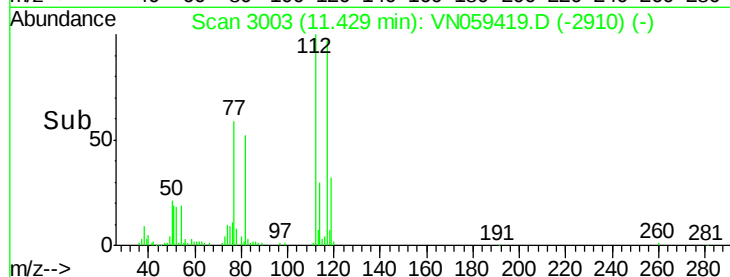
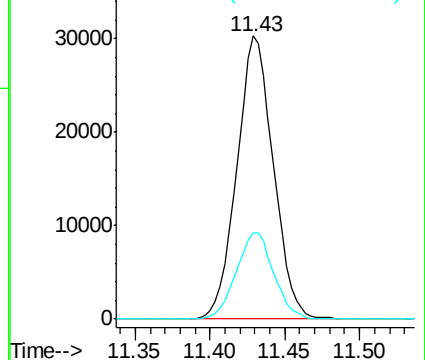
112 100

114 30.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.141 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

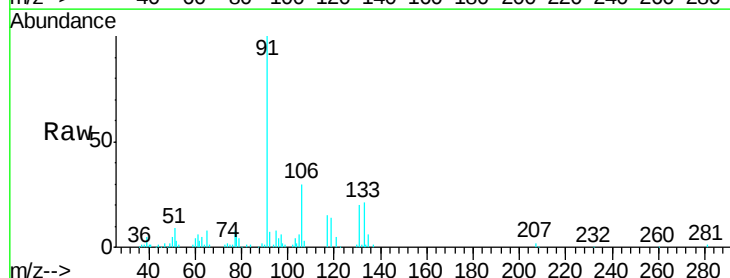
Tgt Ion:131 Resp: 18815

Ion Ratio Lower Upper

131 100

133 102.2 48.2 144.6

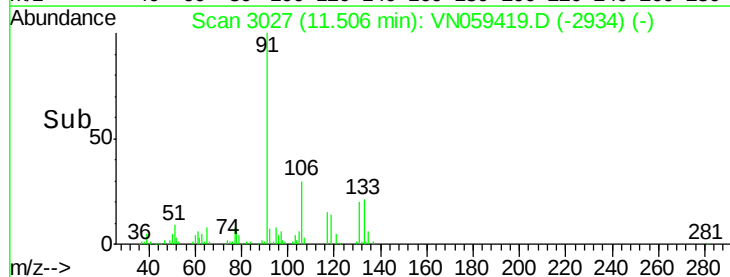
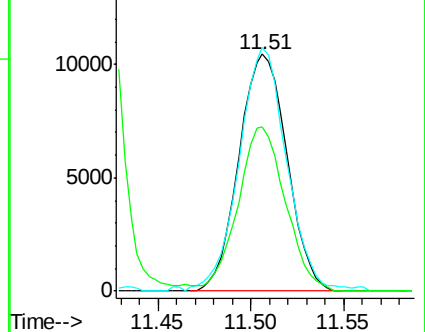
119 68.3 33.8 101.3

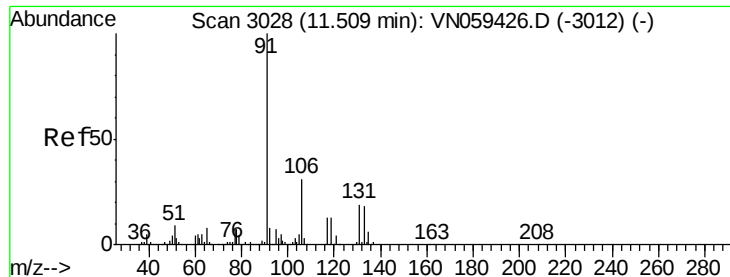


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.067 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

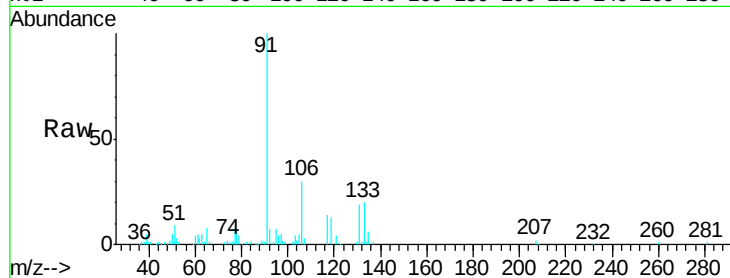
VSTDIC005

Tgt Ion: 91 Resp: 89806

Ion Ratio Lower Upper

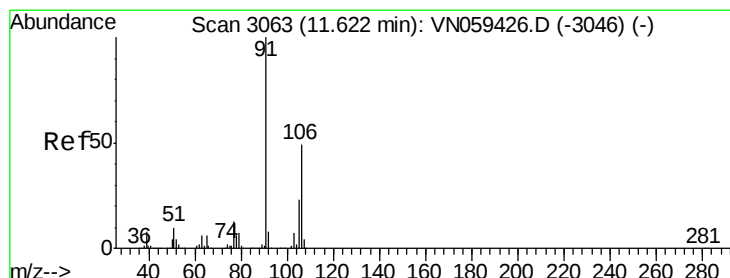
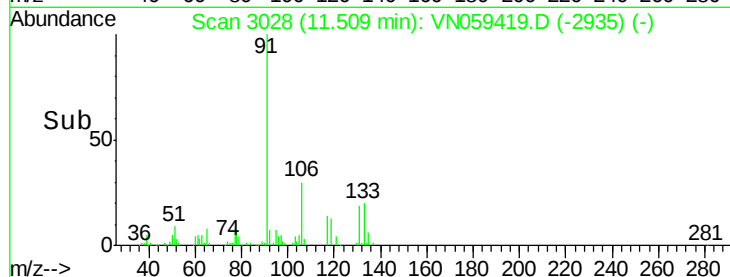
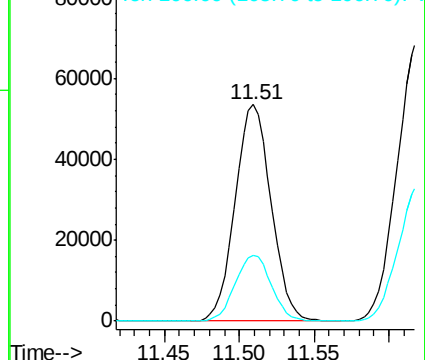
91 100

106 30.4 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 9.734 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059419.D

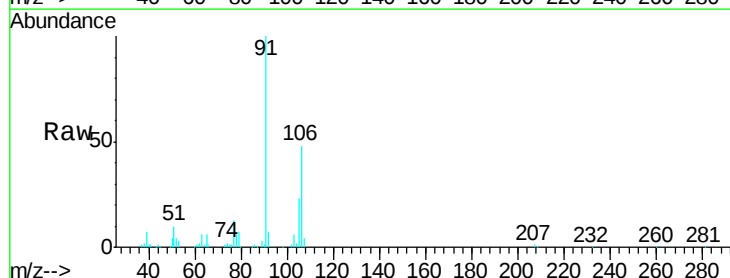
Acq: 27 Nov 2019 13:01

Tgt Ion: 106 Resp: 64418

Ion Ratio Lower Upper

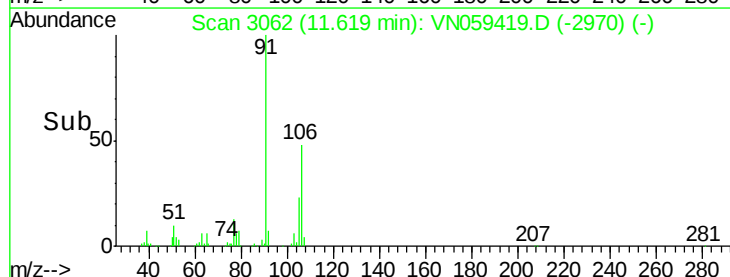
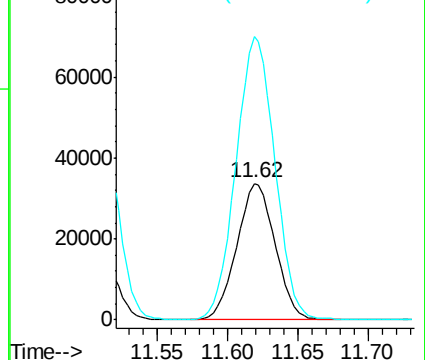
106 100

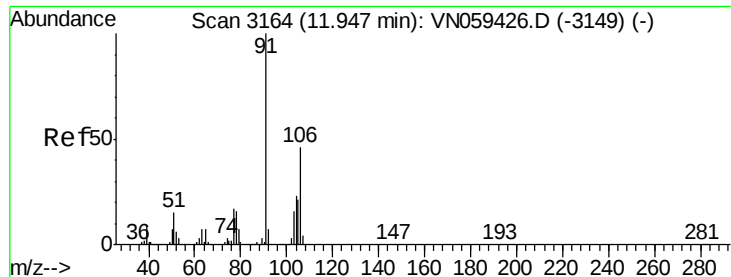
91 210.3 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#69

o-Xylene

Concen: 4.972 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

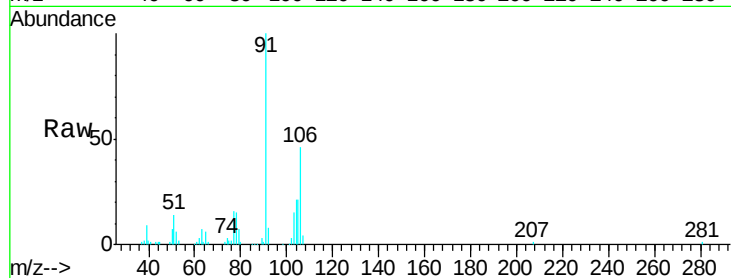
VSTDIC005

Tgt Ion:106 Resp: 31555

Ion Ratio Lower Upper

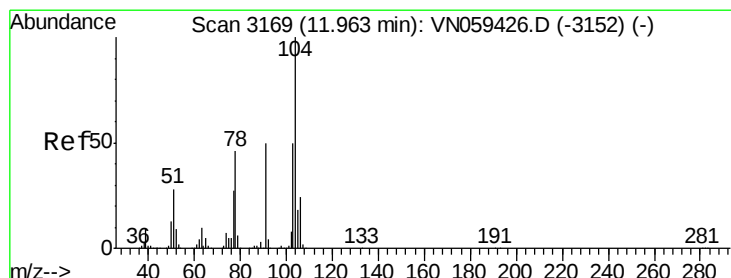
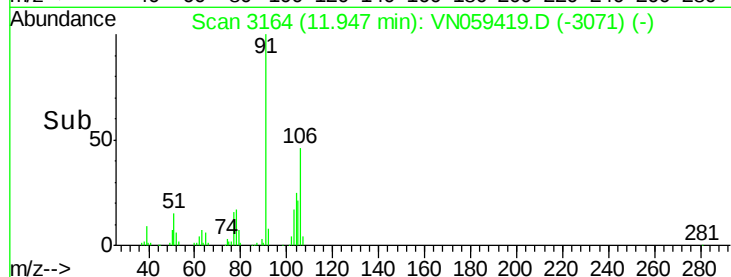
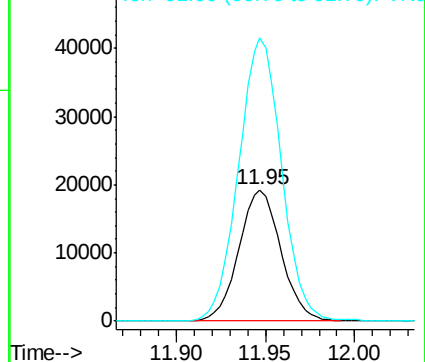
106 100

91 220.9 107.5 322.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 4.554 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

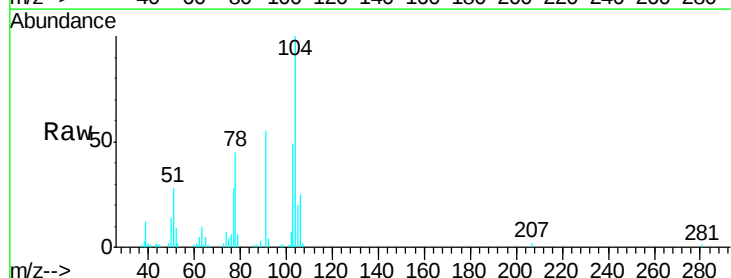
Tgt Ion:104 Resp: 45314

Ion Ratio Lower Upper

104 100

78 53.0 40.4 60.6

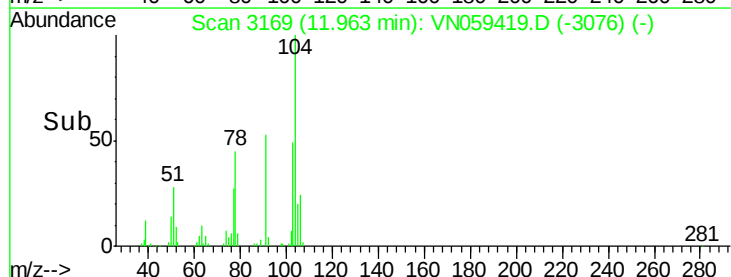
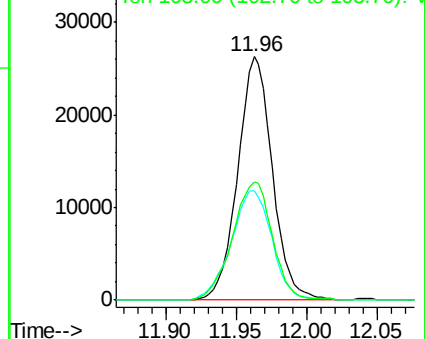
103 55.5 43.8 65.6

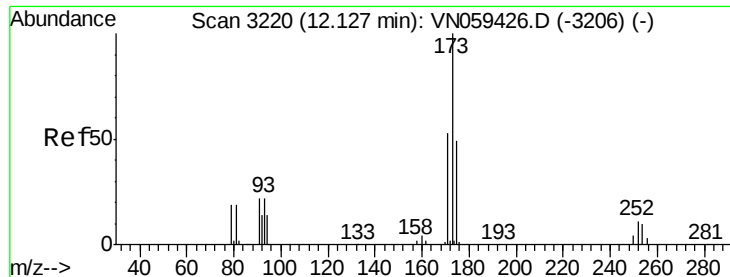


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.820 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

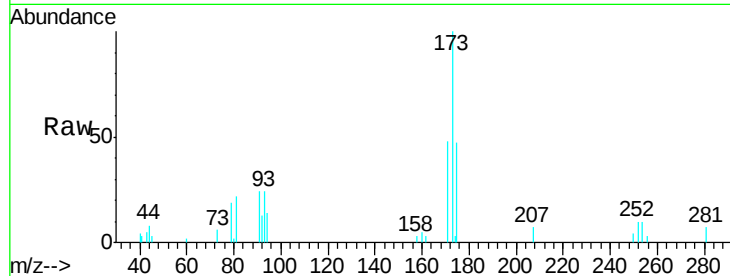
Tgt Ion:173 Resp: 13432

Ion Ratio Lower Upper

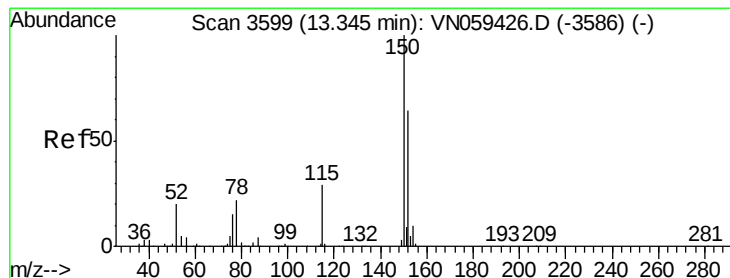
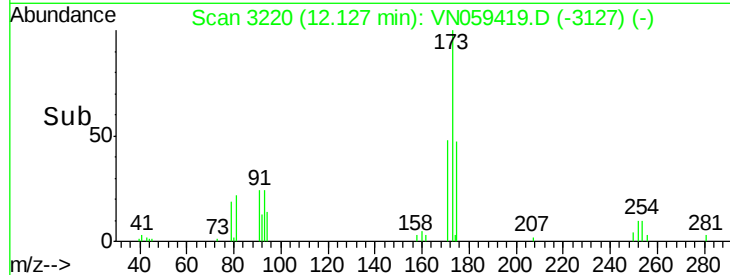
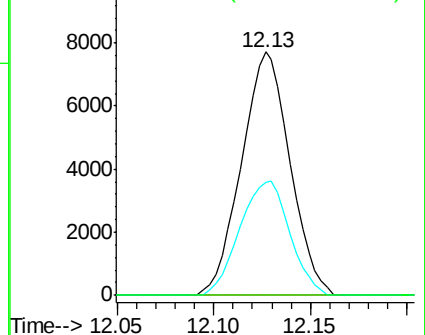
173 100

175 48.4 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

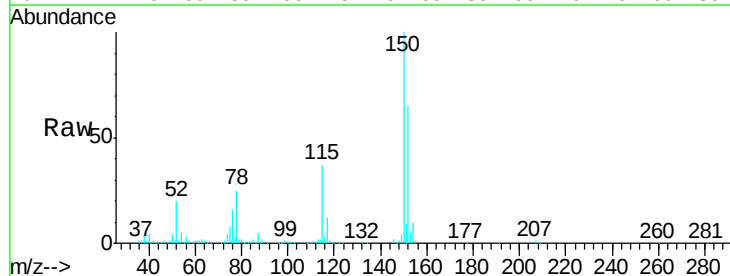
Tgt Ion:152 Resp: 209143

Ion Ratio Lower Upper

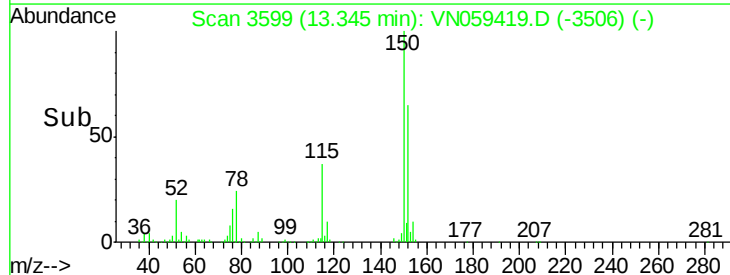
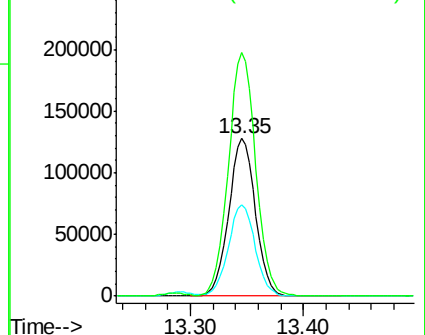
152 100

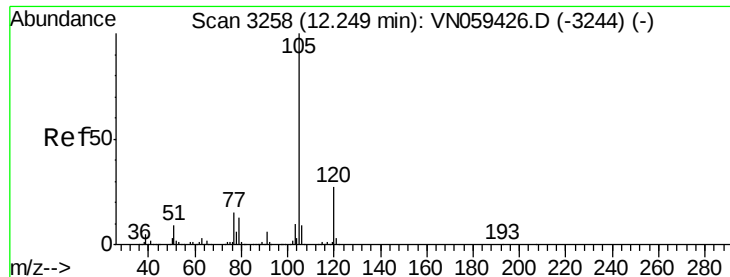
115 58.2 29.5 88.6

150 157.3 0.0 347.2



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





#73

Isopropylbenzene

Concen: 5.324 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

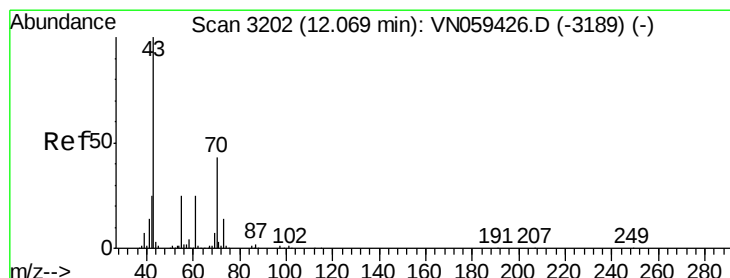
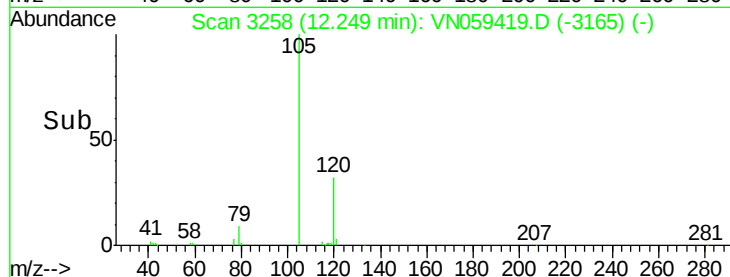
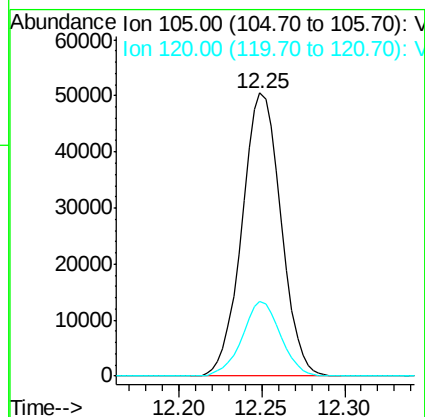
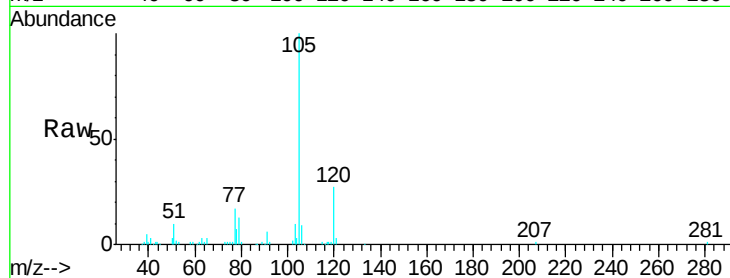
VSTDIC005

Tgt Ion: 105 Resp: 82493

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 4.674 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion: 43 Resp: 27234

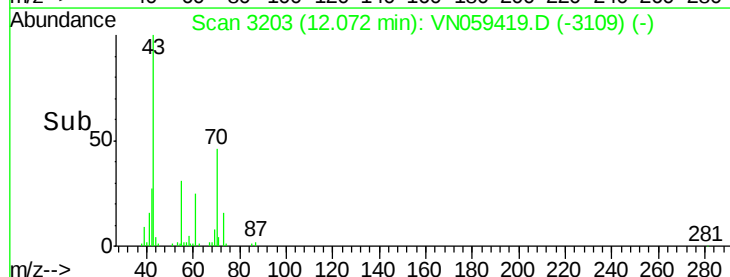
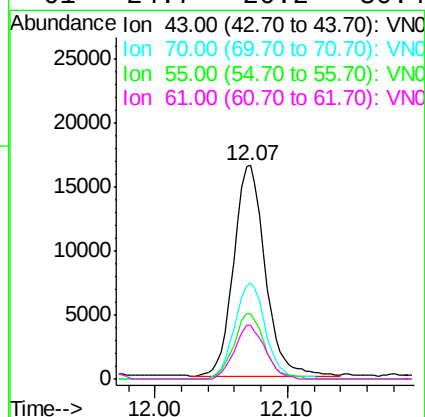
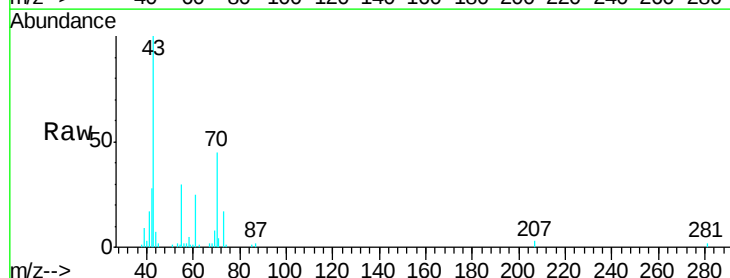
Ion Ratio Lower Upper

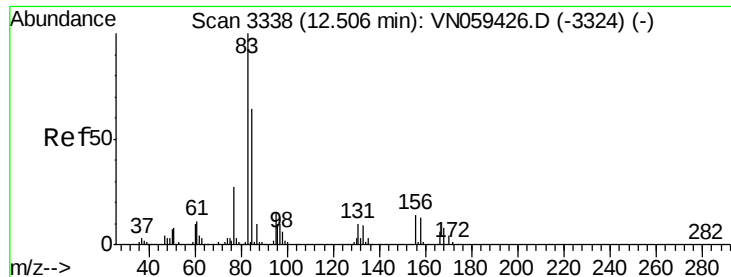
43 100

70 44.3 34.6 52.0

55 30.2 20.5 30.7

61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.445 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

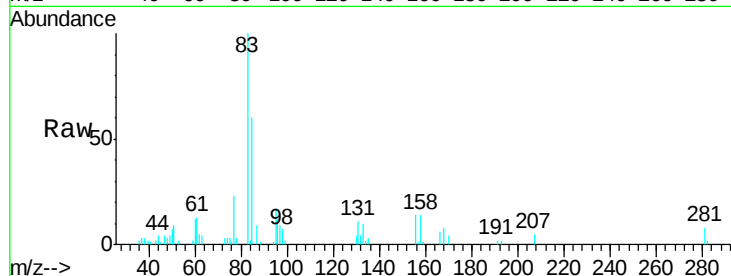
Tgt Ion: 83 Resp: 27510

Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

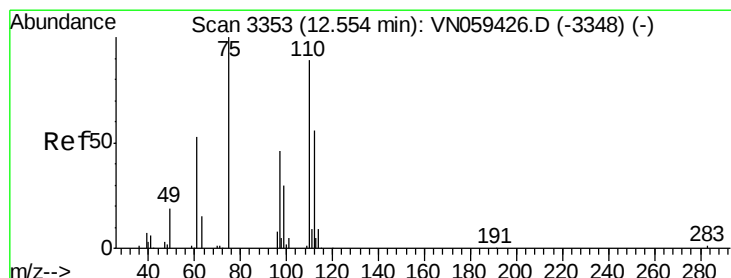
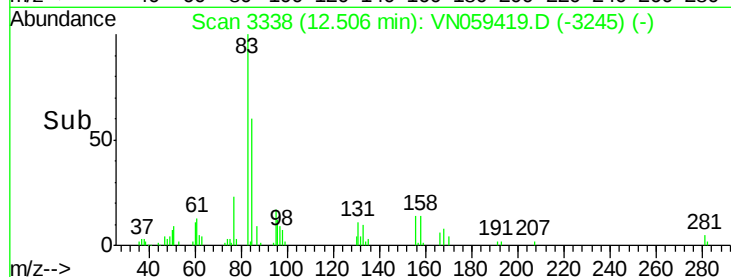
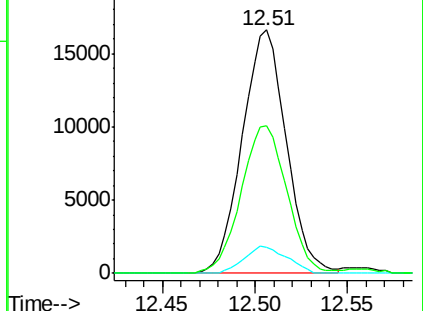
85 62.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 7.555 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059419.D

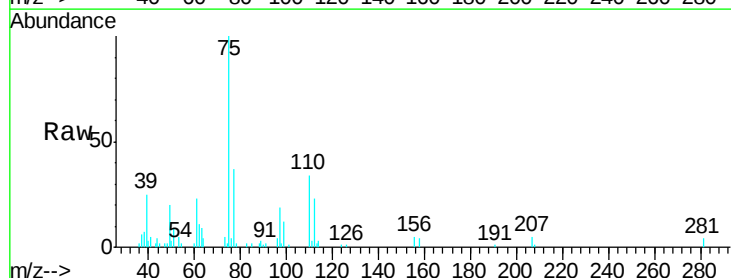
Acq: 27 Nov 2019 13:01

Tgt Ion: 75 Resp: 36498

Ion Ratio Lower Upper

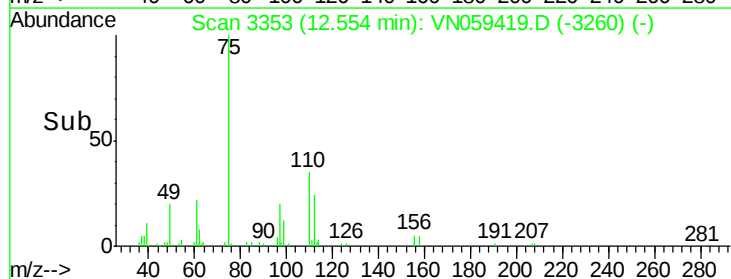
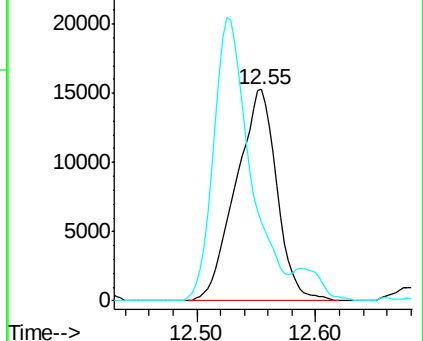
75 100

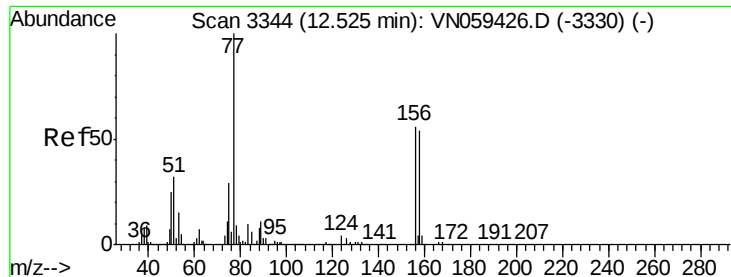
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.349 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC005

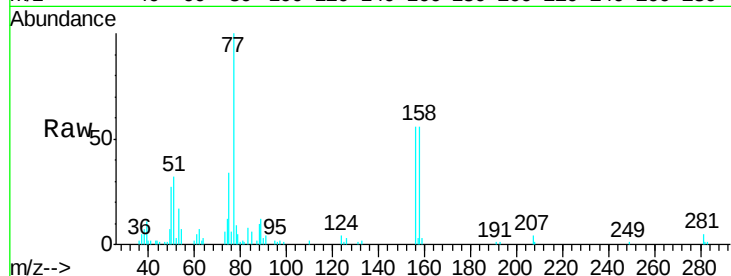
Tgt Ion:156 Resp: 20292

Ion Ratio Lower Upper

156 100

77 214.4 108.7 326.3

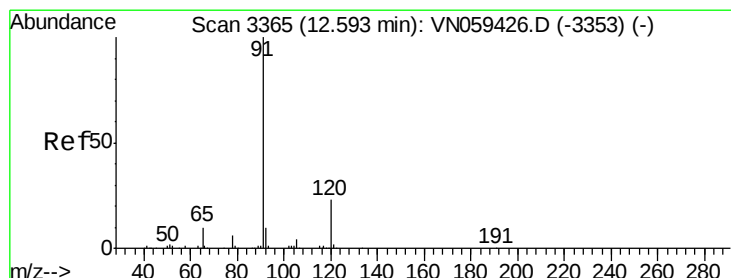
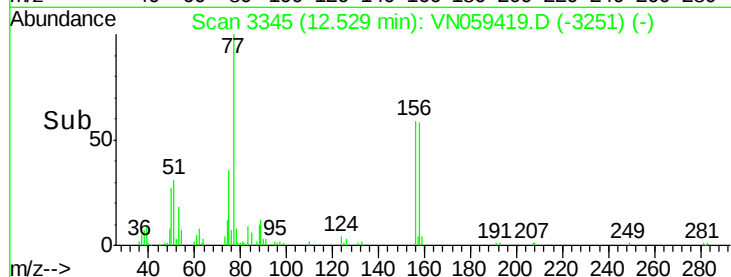
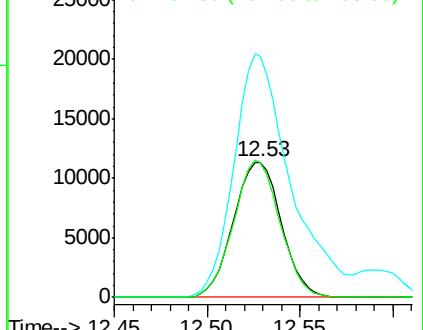
158 97.8 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.117 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059419.D

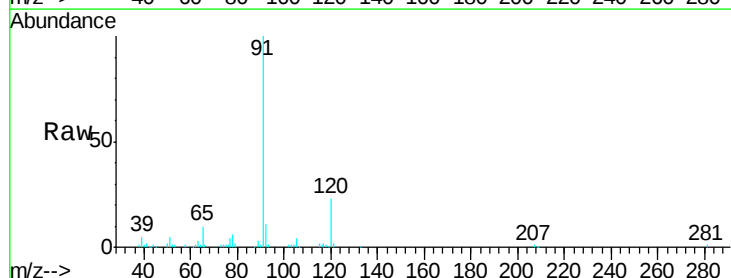
Acq: 27 Nov 2019 13:01

Tgt Ion: 91 Resp: 91366

Ion Ratio Lower Upper

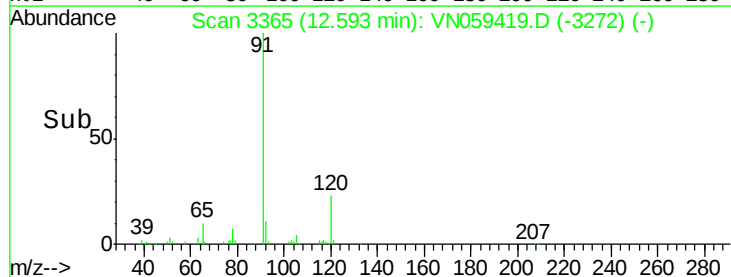
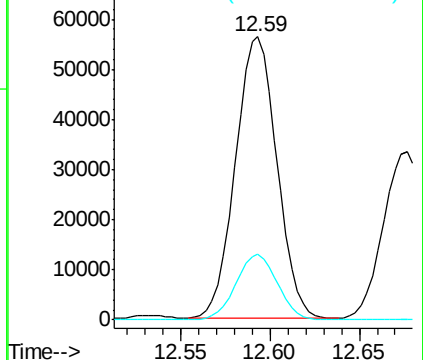
91 100

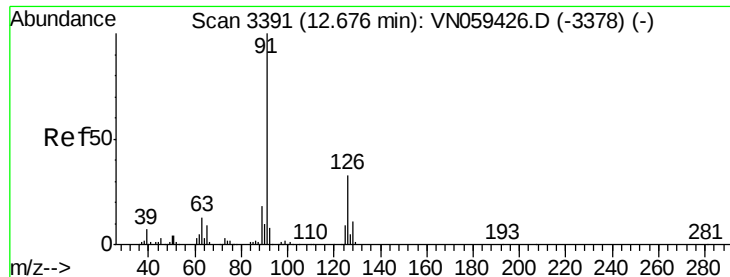
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.251 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

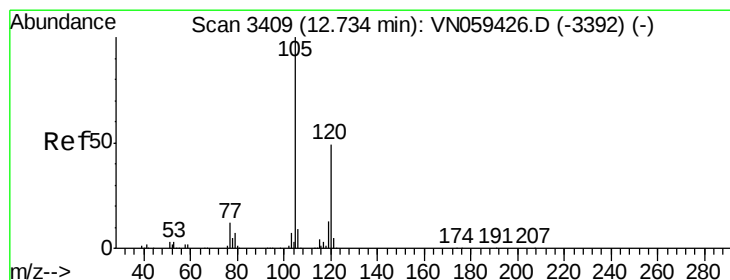
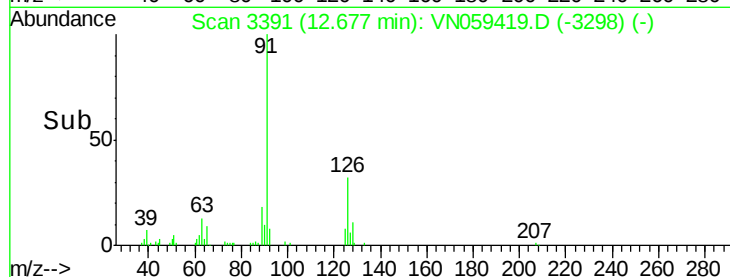
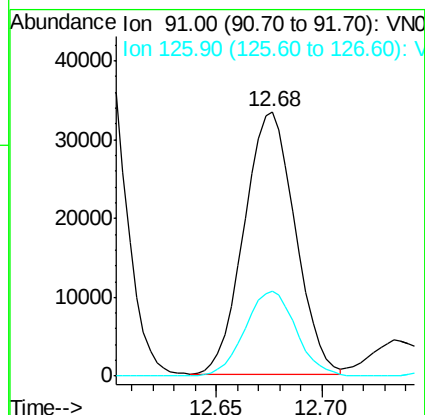
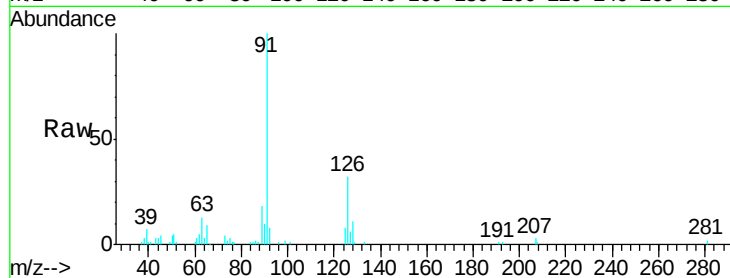
VSTDIC005

Tgt Ion: 91 Resp: 56049

Ion Ratio Lower Upper

91 100

126 32.4 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 5.238 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059419.D

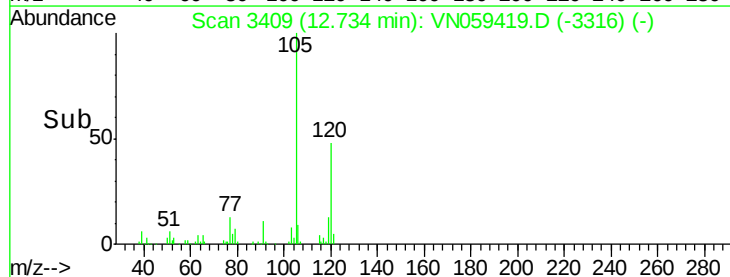
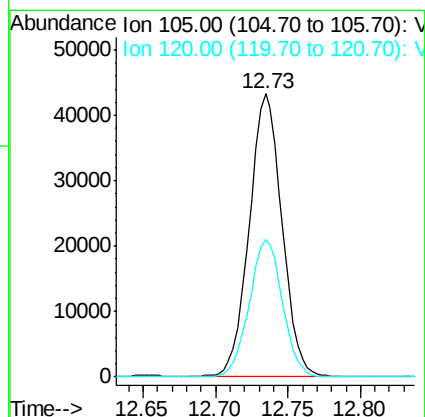
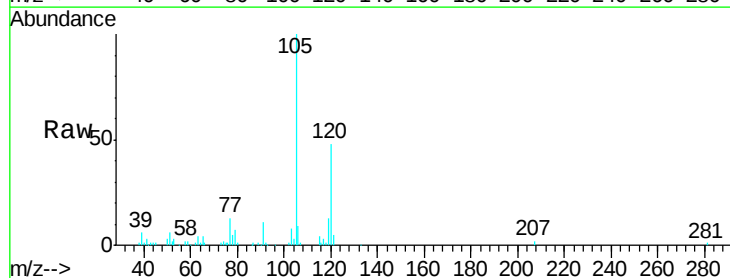
Acq: 27 Nov 2019 13:01

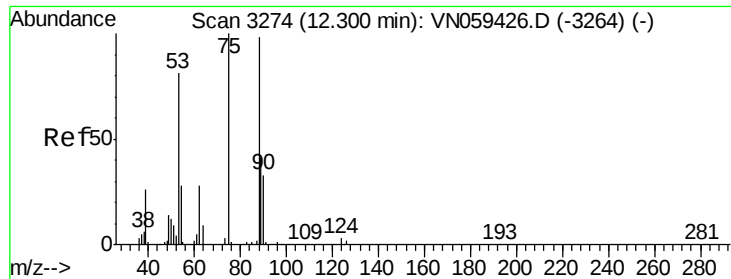
Tgt Ion: 105 Resp: 68213

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.766 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

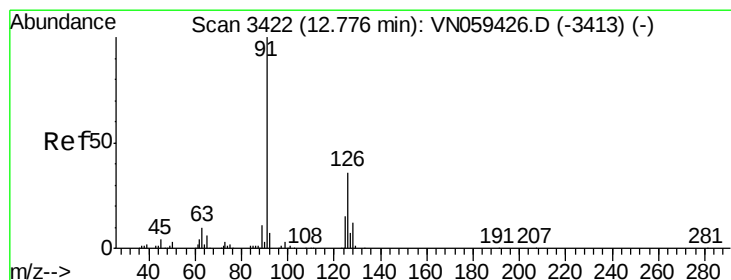
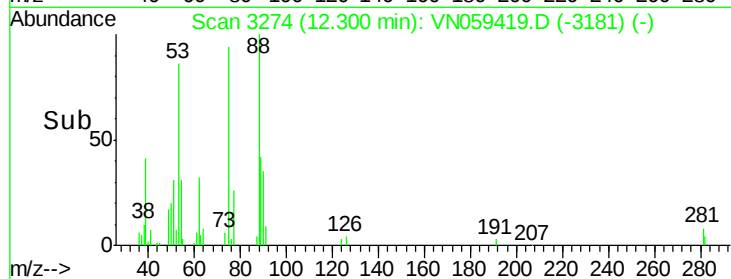
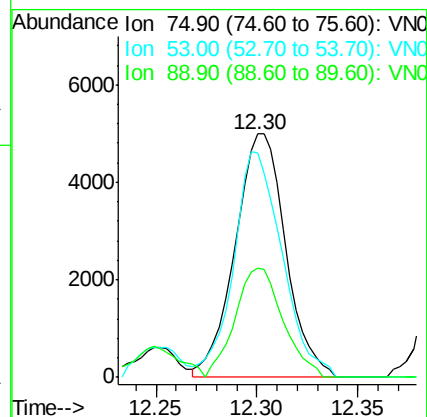
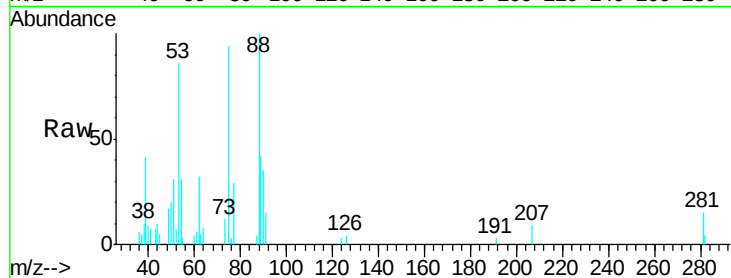
Tgt Ion: 75 Resp: 8776

Ion Ratio Lower Upper

75 100

53 88.9 66.2 99.4

89 42.4 33.9 50.9



#82

4-Chlorotoluene

Concen: 5.244 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059419.D

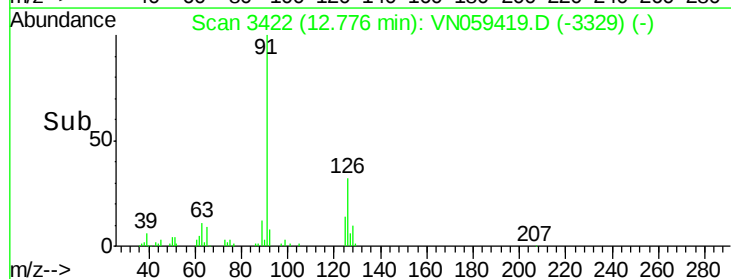
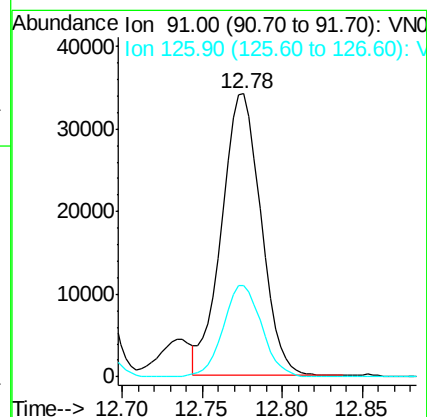
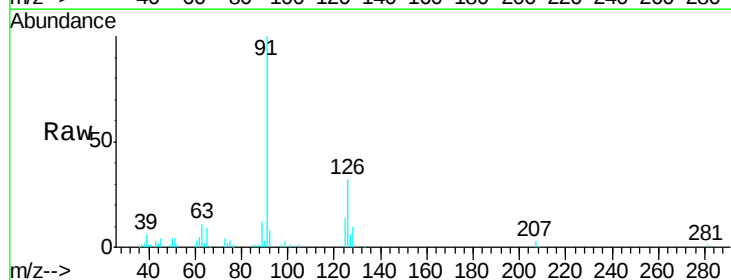
Acq: 27 Nov 2019 13:01

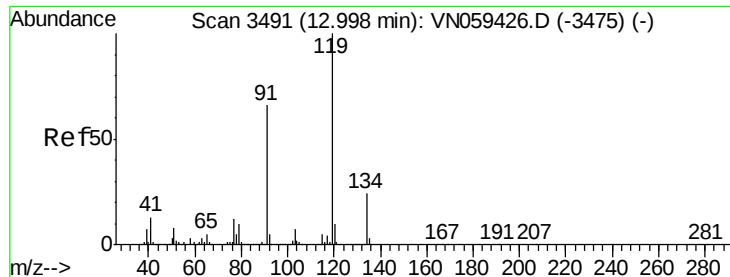
Tgt Ion: 91 Resp: 57647

Ion Ratio Lower Upper

91 100

126 31.6 16.7 50.0

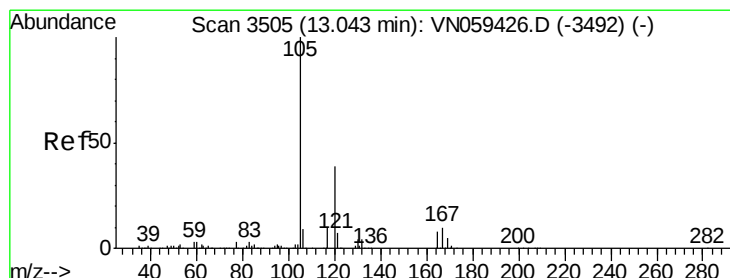
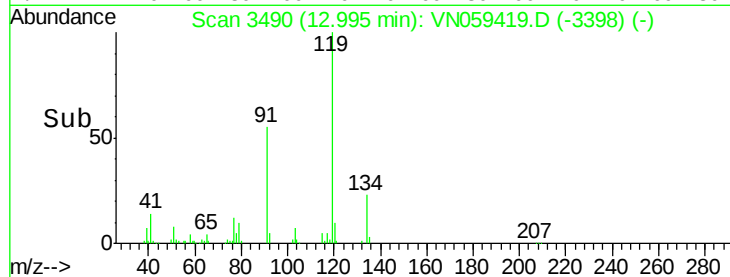
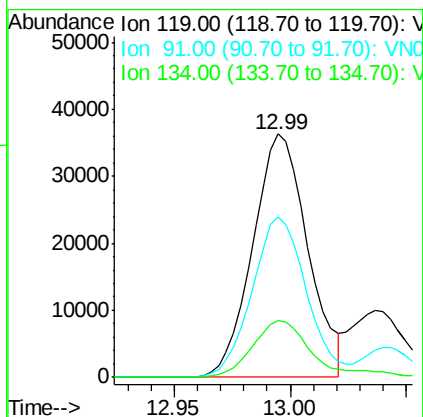
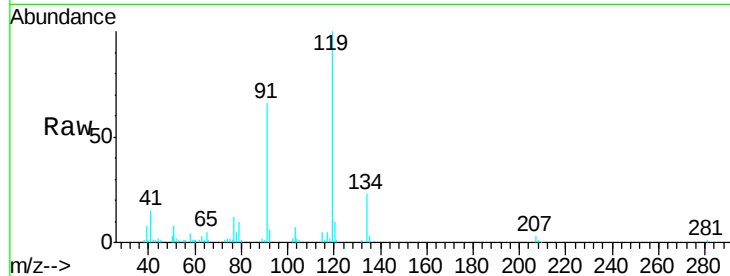




#83  
 tert-Butylbenzene  
 Concen: 5.363 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. -0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

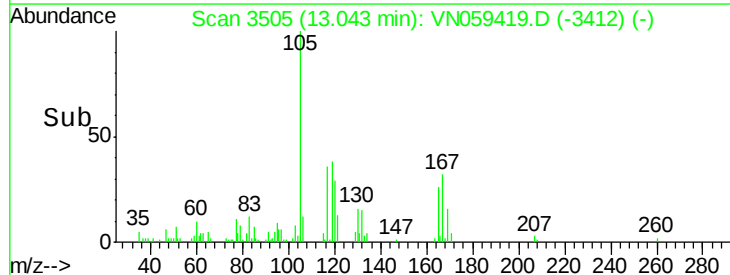
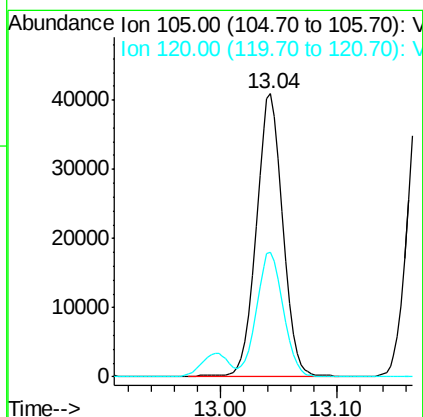
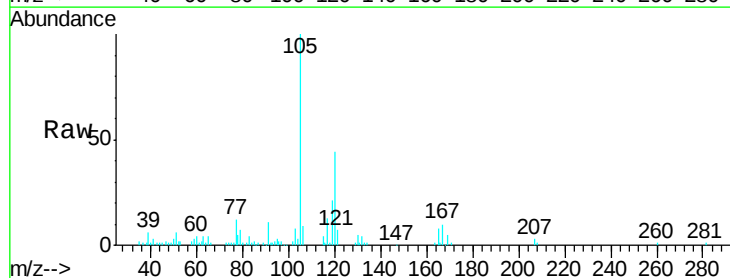
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

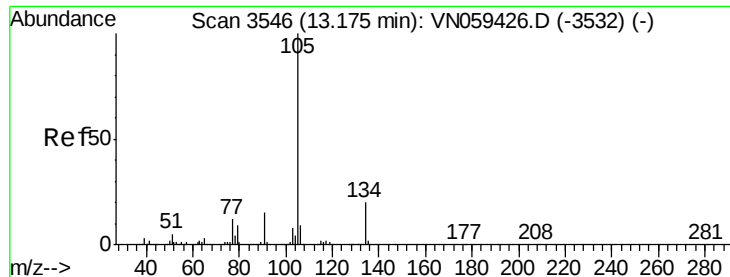
Tgt Ion:119 Resp: 59980  
 Ion Ratio Lower Upper  
 119 100  
 91 65.2 32.8 98.4  
 134 25.3 12.9 38.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 5.139 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion:105 Resp: 65562  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 5.254 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampled :

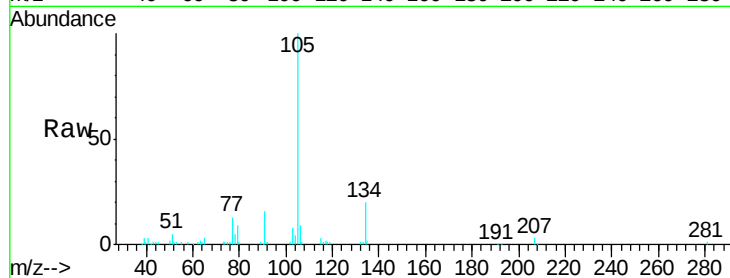
VSTDIC005

Tgt Ion:105 Resp: 78031

Ion Ratio Lower Upper

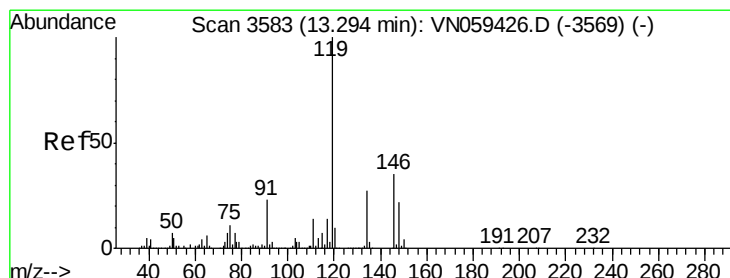
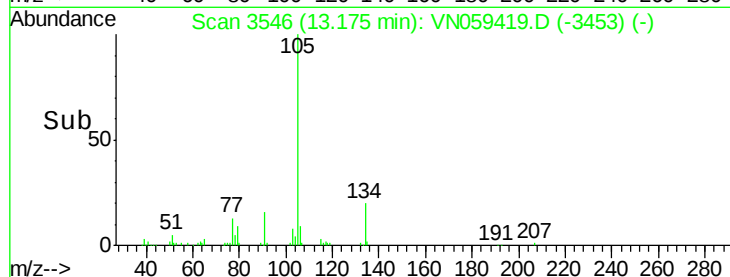
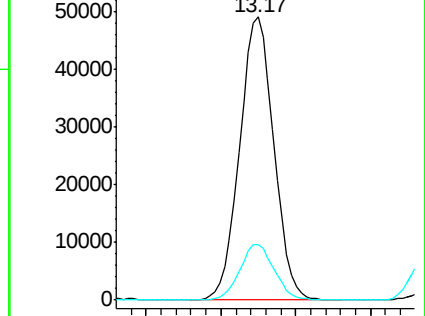
105 100

134 19.8 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.990 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

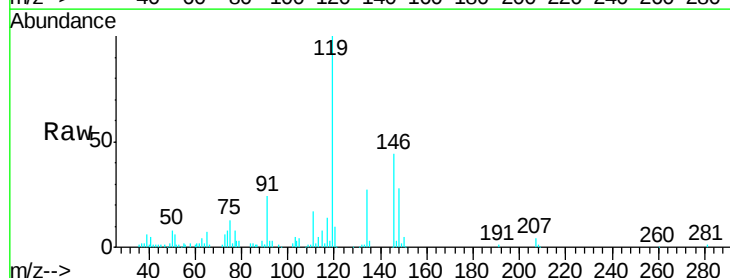
Tgt Ion:119 Resp: 66998

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

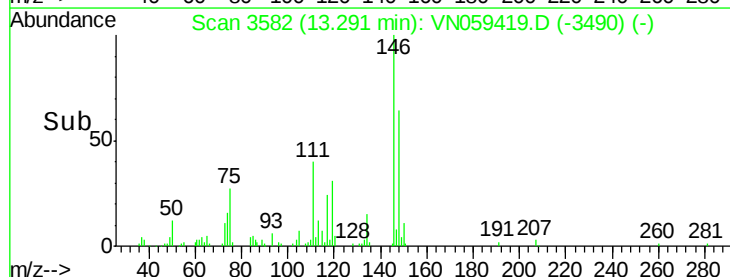
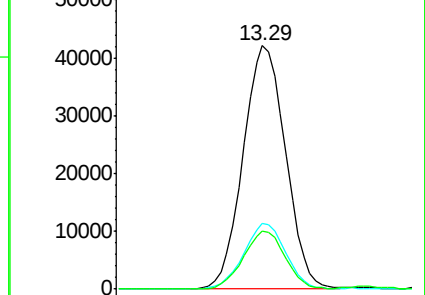
91 23.6 11.5 34.4

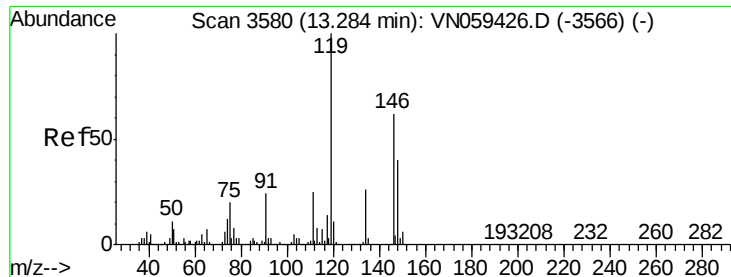


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

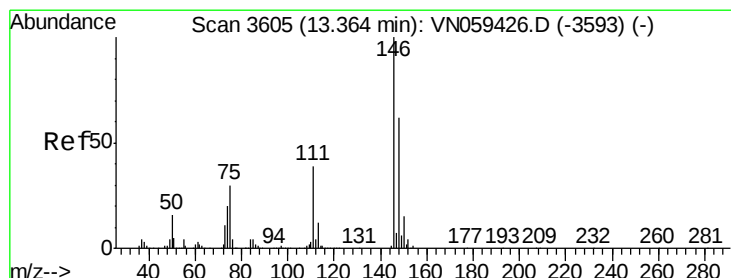
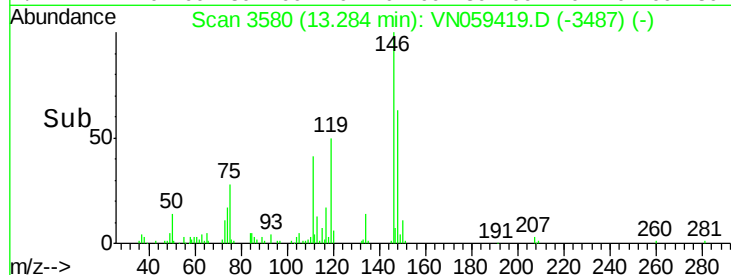
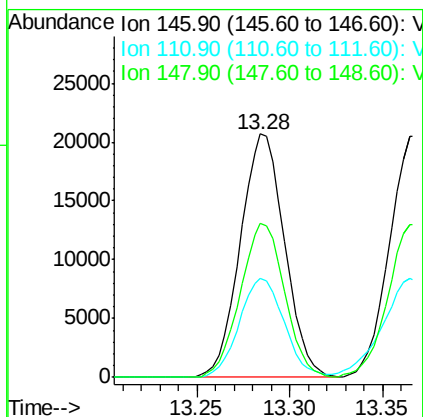
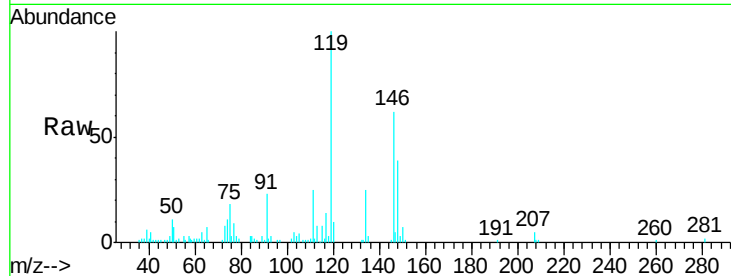




#87  
 1,3-Dichlorobenzene  
 Concen: 5.097 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

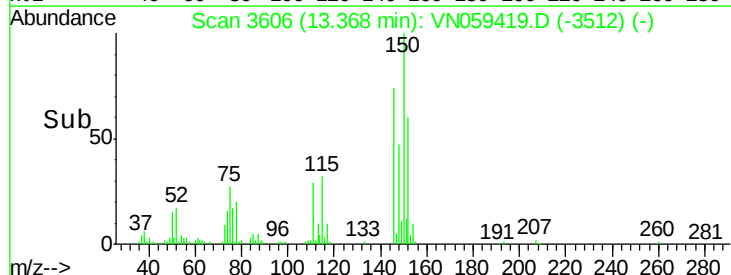
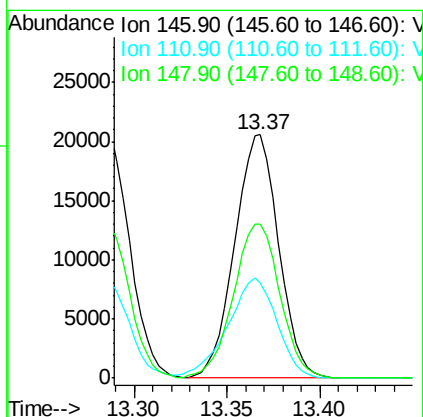
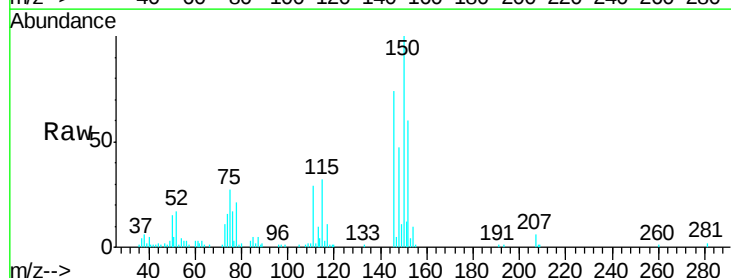
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC005

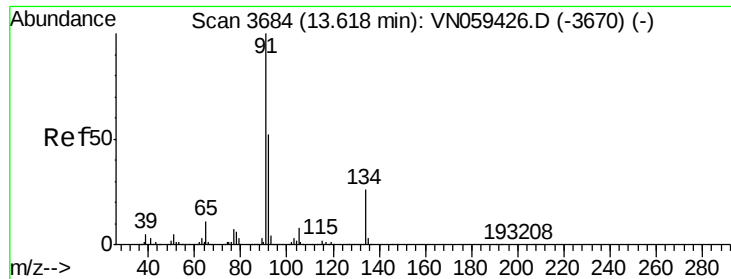
Tgt Ion:146 Resp: 34262  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.4 61.2  
 148 63.2 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 5.022 ug/l  
 RT: 13.37 min Scan# 3606  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion:146 Resp: 33892  
 Ion Ratio Lower Upper  
 146 100  
 111 46.3 19.9 59.7  
 148 67.0 31.6 95.0

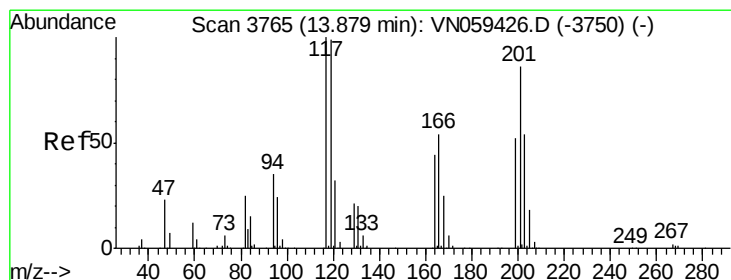
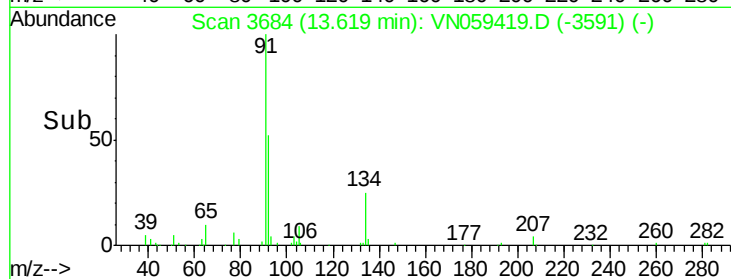
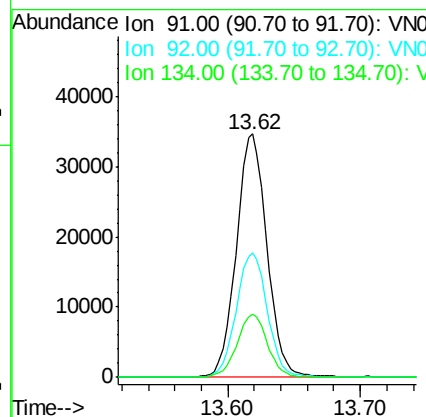
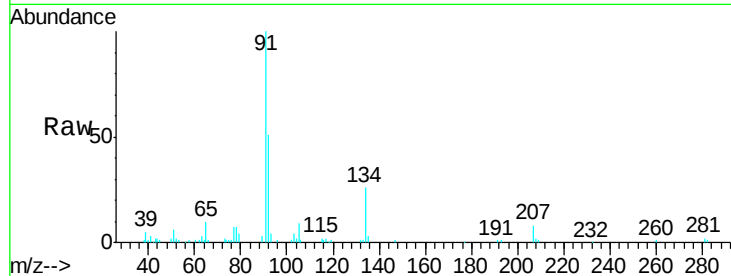




#89  
n-Butylbenzene  
Concen: 4.720 ug/l  
RT: 13.62 min Scan# 3684  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

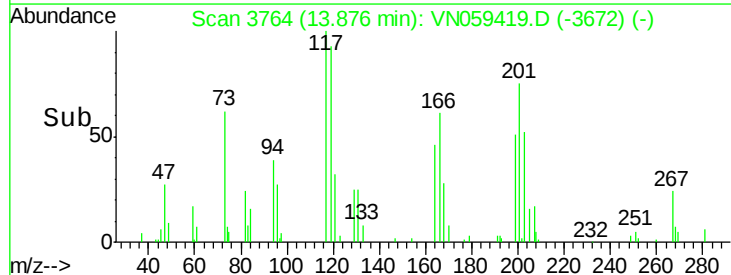
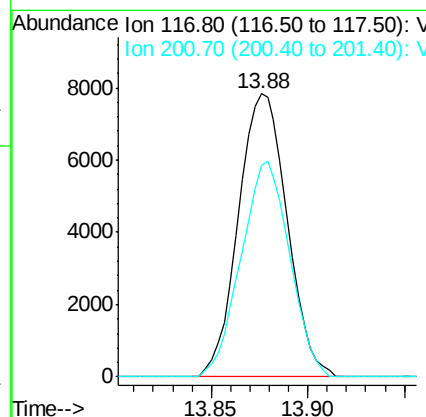
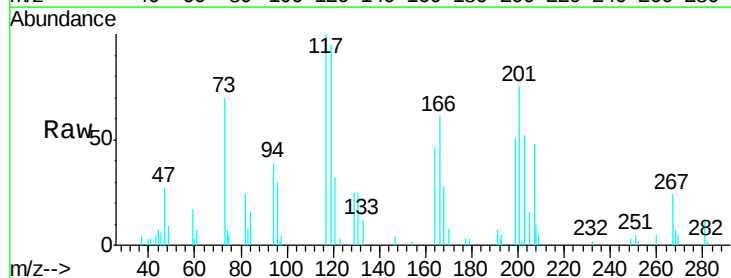
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

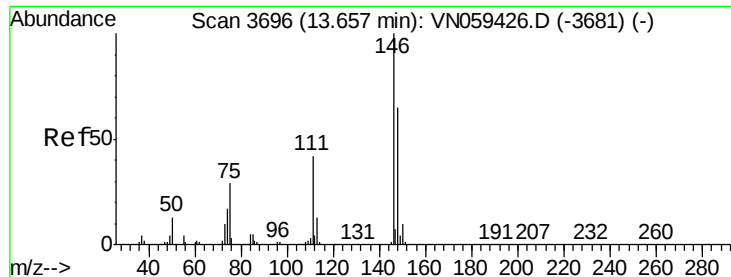
Tgt Ion: 91 Resp: 55395  
Ion Ratio Lower Upper  
91 100  
92 51.8 25.9 77.8  
134 25.6 12.8 38.4



#90  
Hexachloroethane  
Concen: 5.349 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. -0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion: 117 Resp: 13725  
Ion Ratio Lower Upper  
117 100  
201 76.0 42.1 126.4





#91

1,2-Dichlorobenzene

Concen: 5.036 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

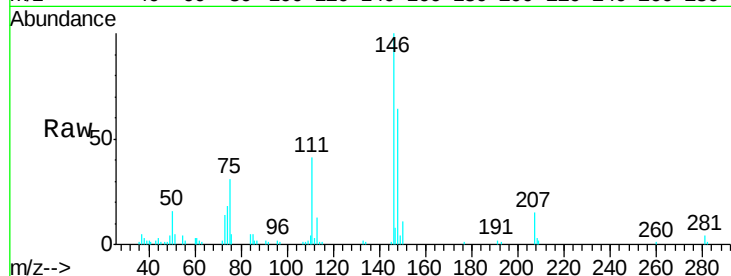
Tgt Ion:146 Resp: 33173

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

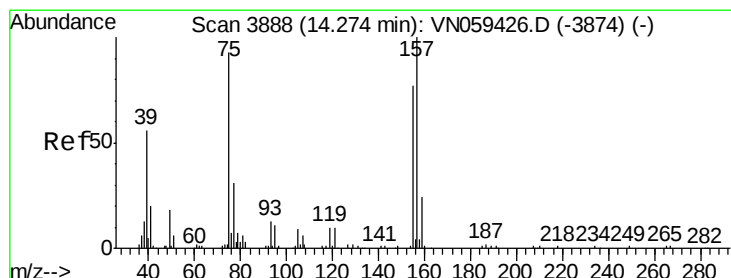
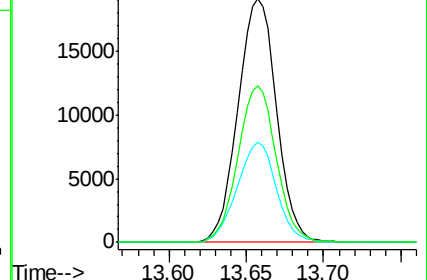
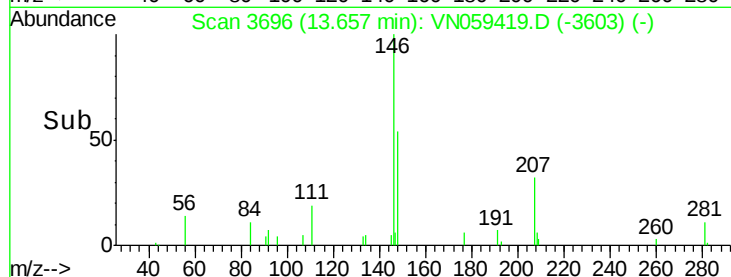
148 63.9 32.0 96.2



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: 4.787 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

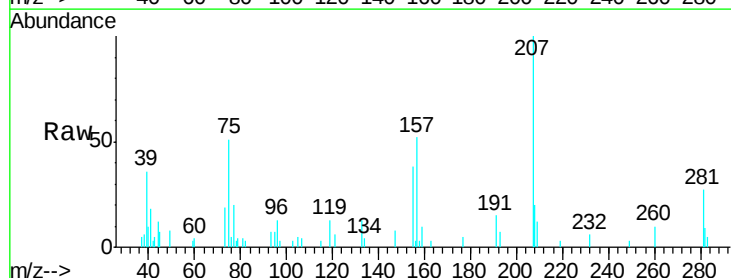
Tgt Ion: 75 Resp: 5493

Ion Ratio Lower Upper

75 100

155 73.9 41.9 125.8

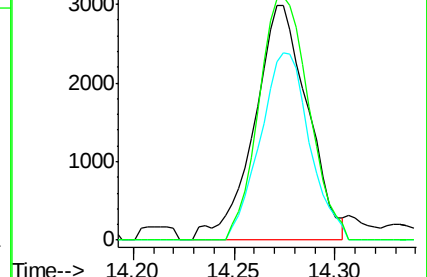
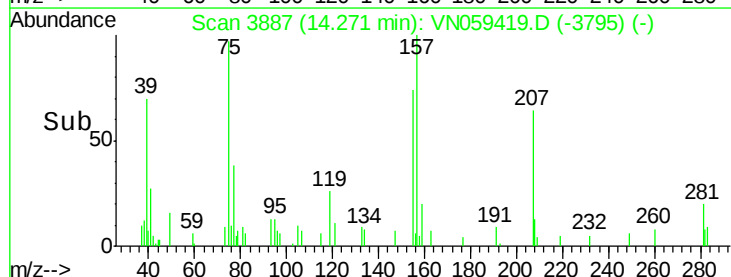
157 97.3 54.1 162.3

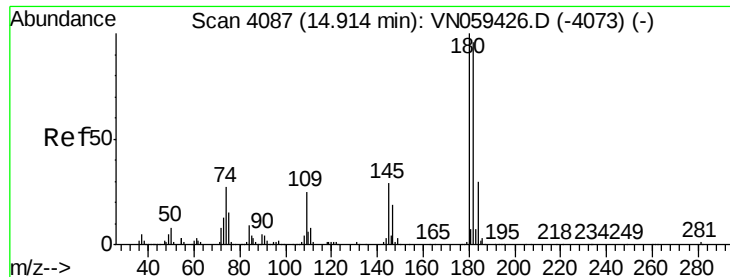


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

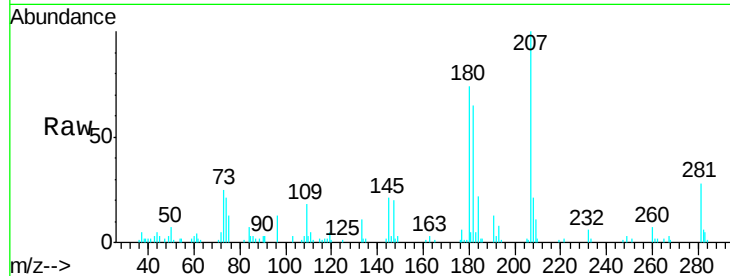




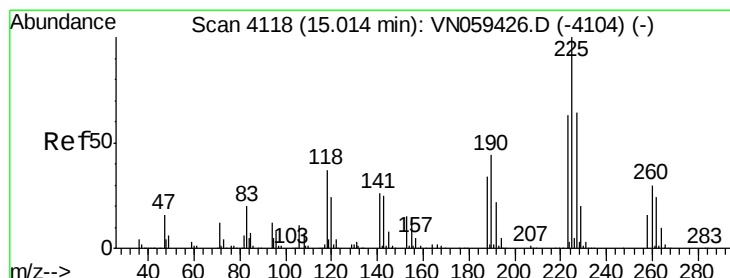
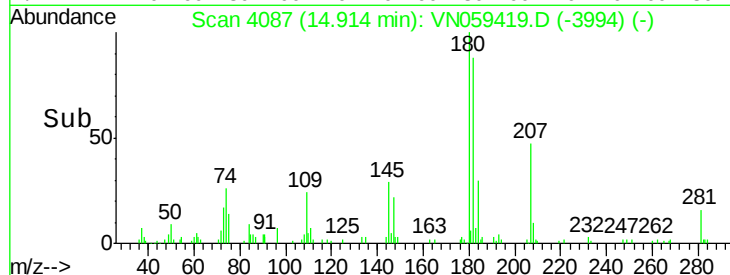
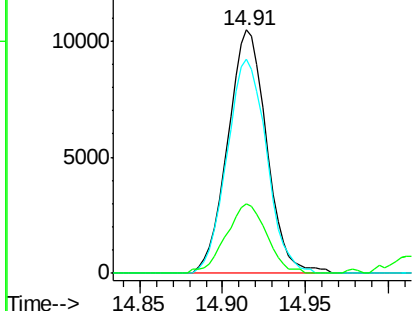
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.166 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:180 Resp: 17057  
 Ion Ratio Lower Upper  
 180 100  
 182 89.8 47.3 142.0  
 145 29.8 14.8 44.4

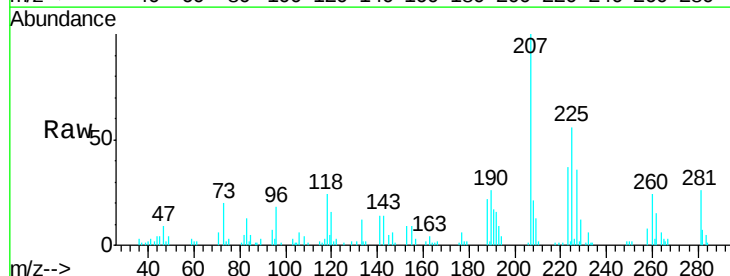


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

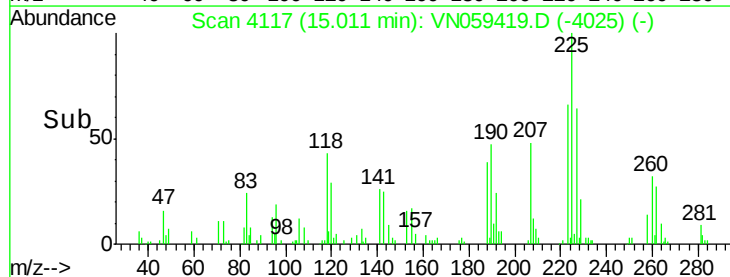
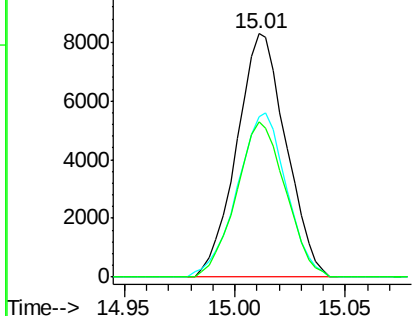


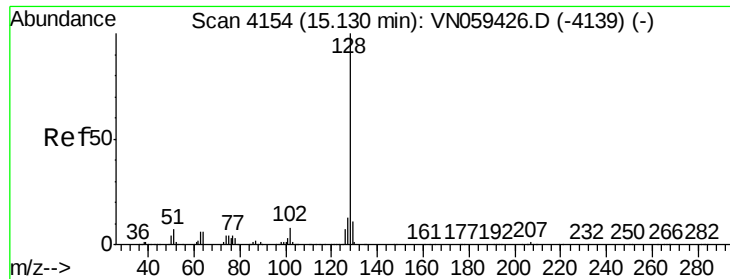
#94  
 Hexachlorobutadiene  
 Concen: 5.134 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN059419.D  
 Acq: 27 Nov 2019 13:01

Tgt Ion:225 Resp: 12884  
 Ion Ratio Lower Upper  
 225 100  
 223 67.2 31.5 94.5  
 227 63.3 31.9 95.7



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

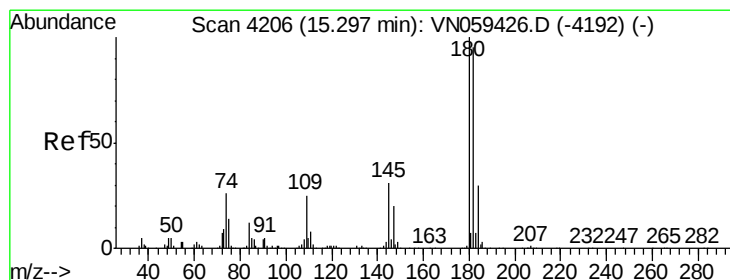
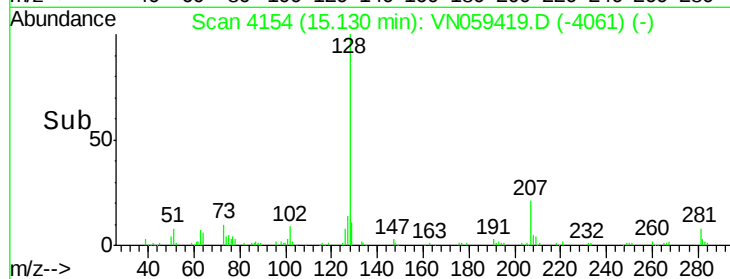
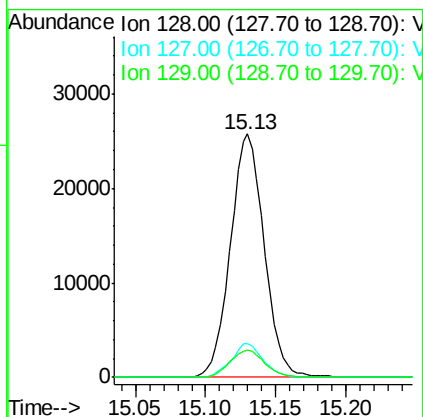
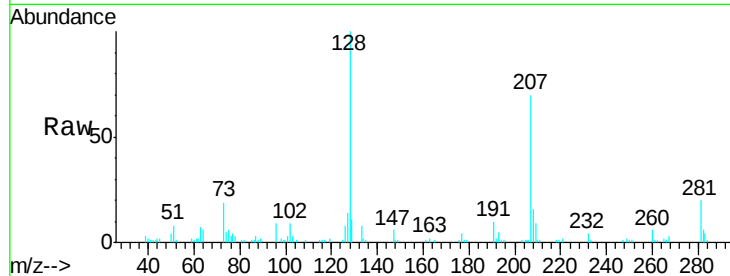




#95  
Naphthalene  
Concen: 3.727 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:128 Resp: 43113  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.1 15.1  
129 11.5 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 4.227 ug/l  
RT: 15.30 min Scan# 4206  
Delta R.T. 0.00 min  
Lab File: VN059419.D  
Acq: 27 Nov 2019 13:01

Tgt Ion:180 Resp: 18434  
Ion Ratio Lower Upper  
180 100  
182 92.1 47.5 142.6  
145 32.9 15.7 47.1

