

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\  
 Data File : VN054186.D  
 Acq On : 13 Mar 2019 2:09  
 Operator : JC/SP  
 Sample : K1849-11  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PUMP-CON

Quant Time: Mar 13 07:34:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 13 03:33:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1442035  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2455407  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 2512515  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 1097975  | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 807446   | 52.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.44% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 761519   | 48.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.18%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 3032863  | 51.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.72% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 1140308  | 55.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.44% |          |

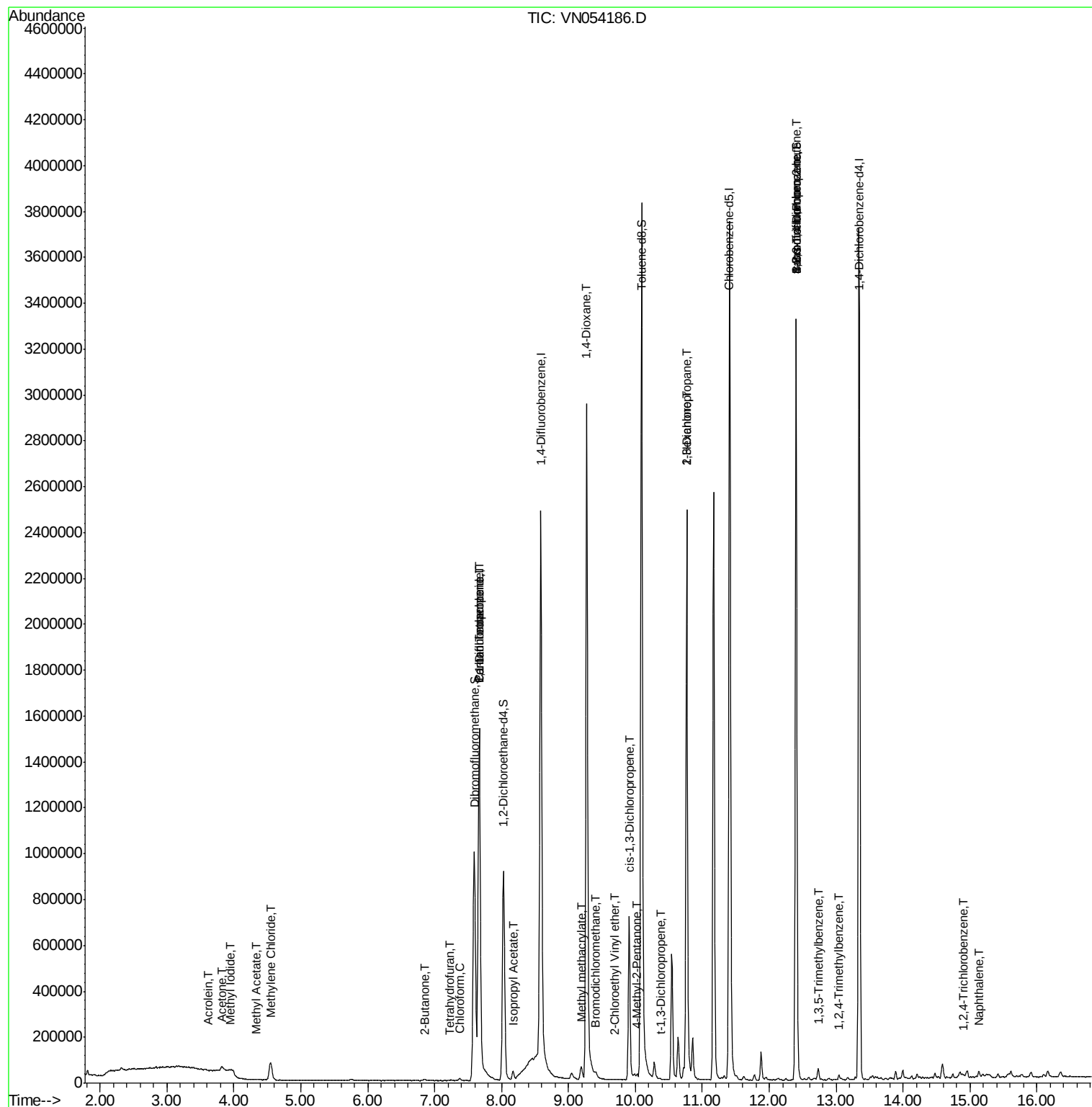
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 10) Methyl Iodide              | 3.94  | 142  | 448      | 1.517     | ug/l # | 73     |
| 13) Acrolein                   | 3.61  | 56   | 859      | 0.863     | ug/l   | 83     |
| 16) Acetone                    | 3.82  | 43   | 31068    | 7.085     | ug/l   | 93     |
| 18) Methyl Acetate             | 4.34  | 43   | 3174     | 0.358     | ug/l # | 74     |
| 20) Methylene Chloride         | 4.54  | 84   | 62123    | 4.315     | ug/l   | 93     |
| 25) 2-Butanone                 | 6.86  | 43   | 2116     | 0.411     | ug/l # | 82     |
| 29) Tetrahydrofuran            | 7.22  | 42   | 992      | 0.300     | ug/l # | 91     |
| 30) Chloroform                 | 7.37  | 83   | 11004    | 0.428     | ug/l   | 98     |
| 31) Cyclohexane                | 7.67  | 56   | 24015    | Below Cal | #      | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 87884    | 3.887     | ug/l # | 47     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 122822   | 5.180     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 47909    | 2.101     | ug/l   | 98     |
| 47) Bromodichloromethane       | 9.41  | 83   | 4762     | 0.219     | ug/l   | 96     |
| 48) Methyl methacrylate        | 9.18  | 41   | 18806    | 1.625     | ug/l # | 11     |
| 49) 1,4-Dioxane                | 9.27  | 88   | 430      | 2.627     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 10.03 | 43   | 16874    | 1.398     | ug/l # | 36     |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 632      | 2.010     | ug/l # | 1      |
| 54) cis-1,3-Dichloropropene    | 9.91  | 75   | 150308   | 5.927     | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 10.77 | 76   | 27614    | 1.127     | ug/l # | 43     |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 62       | 16.835    | ug/l # | 44     |
| 59) 2-Hexanone                 | 10.77 | 43   | 366271   | 45.609    | ug/l # | 50     |
| 71) Bromoform                  | 12.40 | 173  | 7092     | 2.793     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 555389   | 34.397    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 22842    | 0.313     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 555389   | 117.586   | ug/l # | 11     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 16025    | 0.224     | ug/l   | 87     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 2082     | 2.602     | ug/l # | 26     |
| 95) Naphthalene                | 15.13 | 128  | 25115    | 3.955     | ug/l   | 98     |

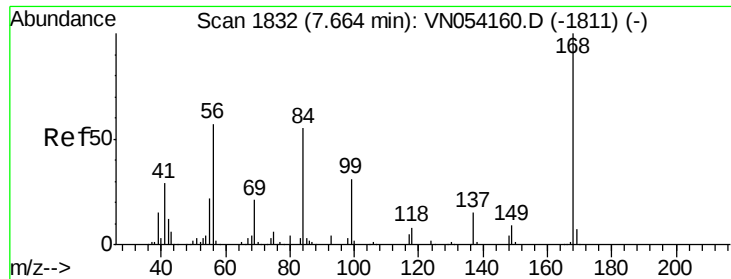
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031219\  
Data File : VN054186.D  
Acq On : 13 Mar 2019 2:09  
Operator : JC/SP  
Sample : K1849-11  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PUMP-CON

Quant Time: Mar 13 07:34:07 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 13 03:33:31 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampleId :

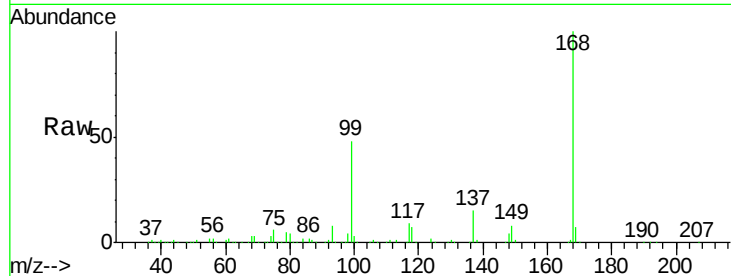
PUMP-CON

Tot Ion:168 Resp: 1442035

Ion Ratio Lower Upper

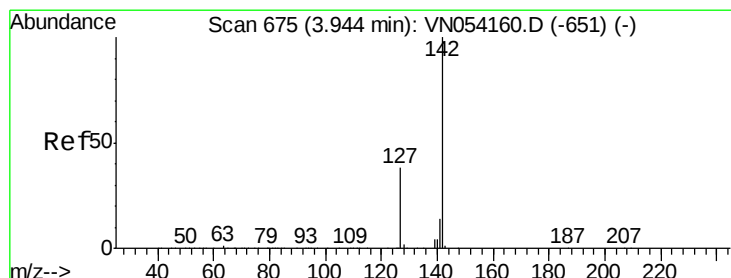
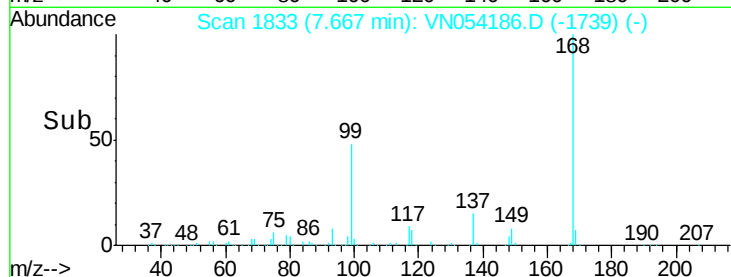
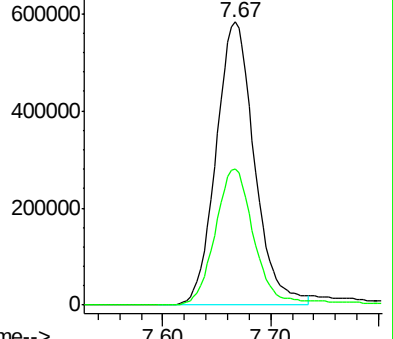
168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#10

Methyl Iodide

Concen: 1.517 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

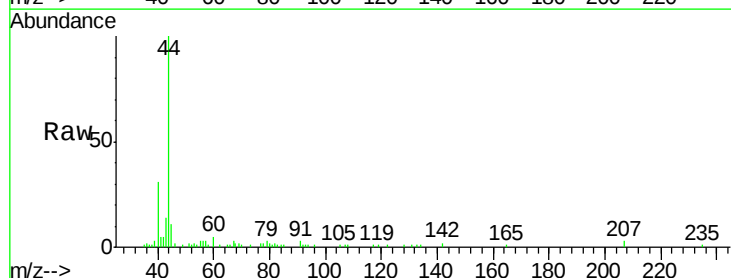
Tgt Ion:142 Resp: 448

Ion Ratio Lower Upper

142 100

127 19.6 30.3 45.5#

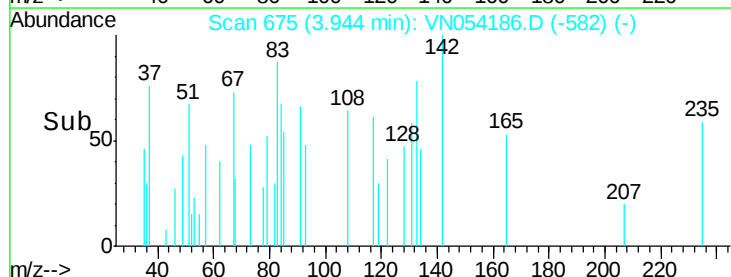
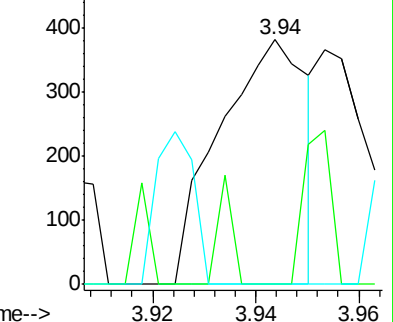
141 6.9 11.2 16.8#



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

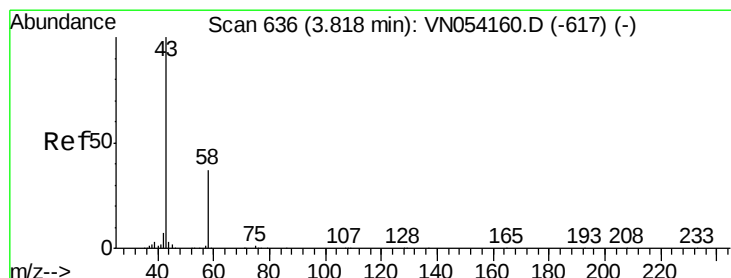
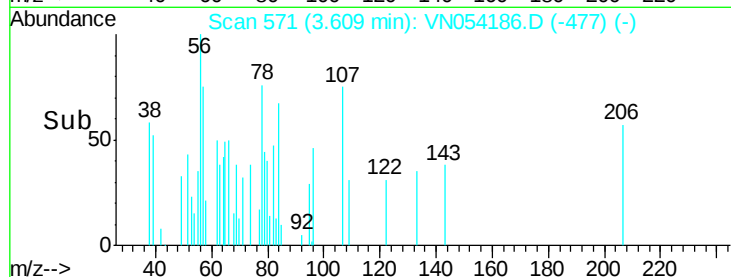
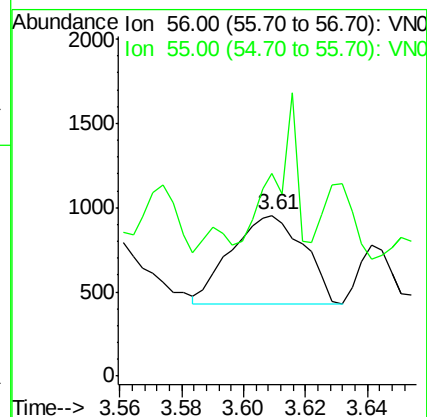
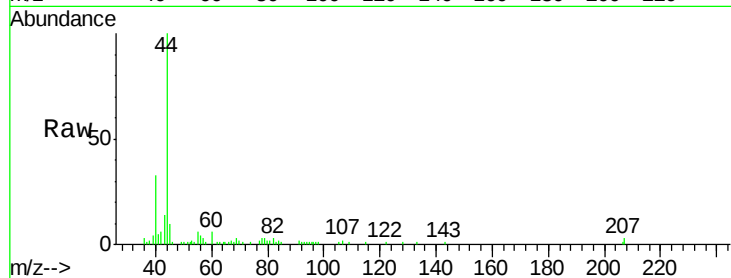




#13  
Acrolein  
Concen: 0.863 ug/l  
RT: 3.61 min Scan# 571  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

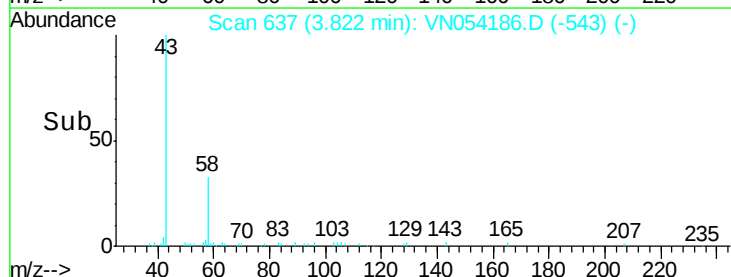
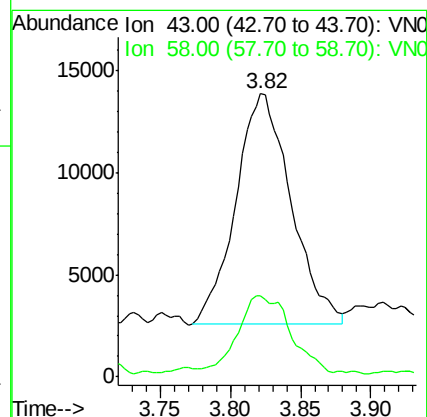
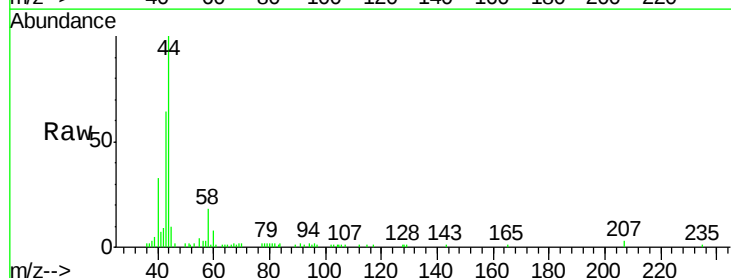
Instrument :  
MSVOA\_N  
ClientSampleId :  
PUMP-CON

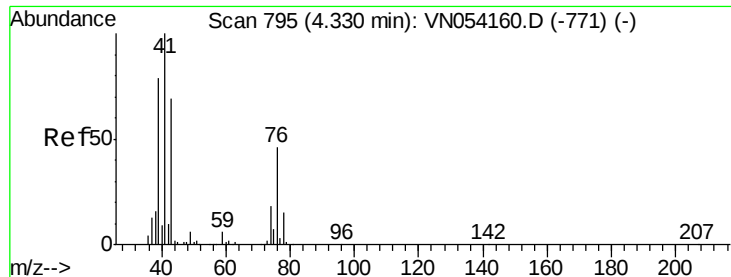
Tot Ion: 56 Resp: 859  
Ion Ratio Lower Upper  
56 100  
55 56.8 56.7 85.1



#16  
Acetone  
Concen: 7.085 ug/l  
RT: 3.82 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Tgt Ion: 43 Resp: 31068  
Ion Ratio Lower Upper  
43 100  
58 33.0 29.9 44.9

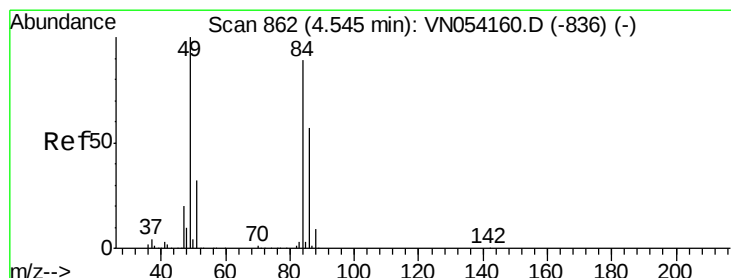
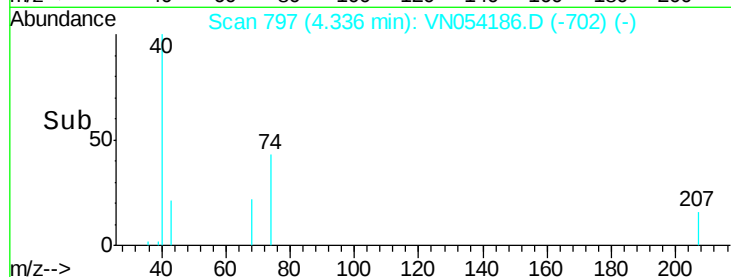
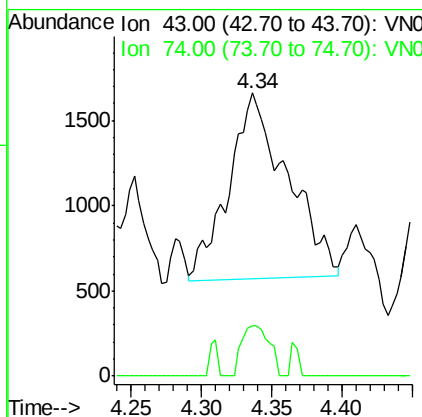
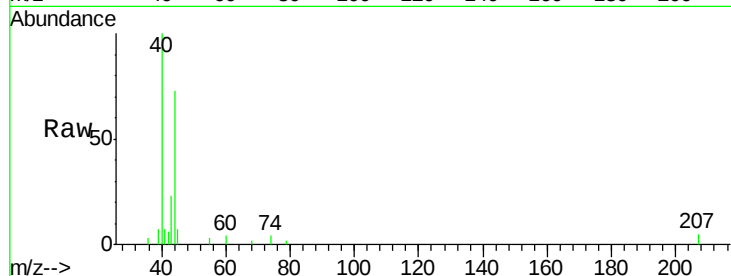




#18  
Methyl Acetate  
Concen: 0.358 ug/l  
RT: 4.34 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

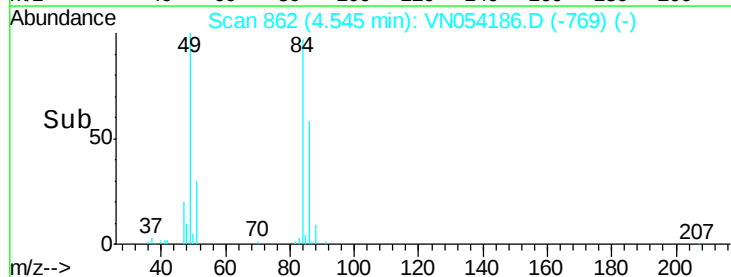
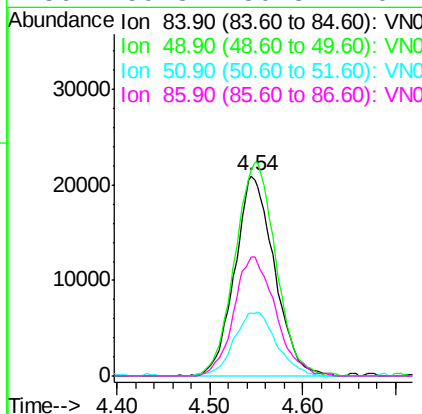
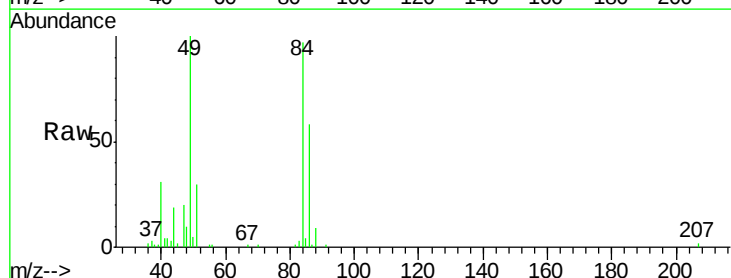
Instrument :  
MSVOA\_N  
ClientSampleId :  
PUMP-CON

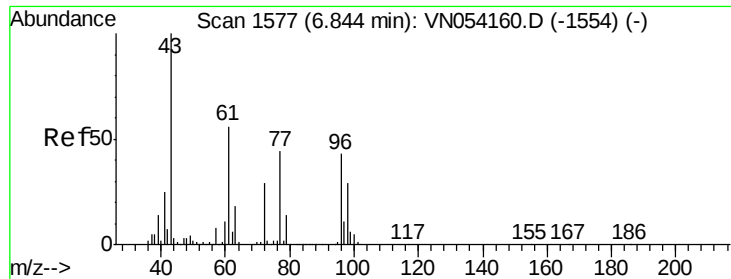
Tot Ion: 43 Resp: 3174  
Ion Ratio Lower Upper  
43 100  
74 12.9 20.8 31.2#



#20  
Methylene Chloride  
Concen: 4.315 ug/l  
RT: 4.54 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Tgt Ion: 84 Resp: 62123  
Ion Ratio Lower Upper  
84 100  
49 102.7 89.7 134.5  
51 31.2 28.2 42.4  
86 59.3 50.8 76.2

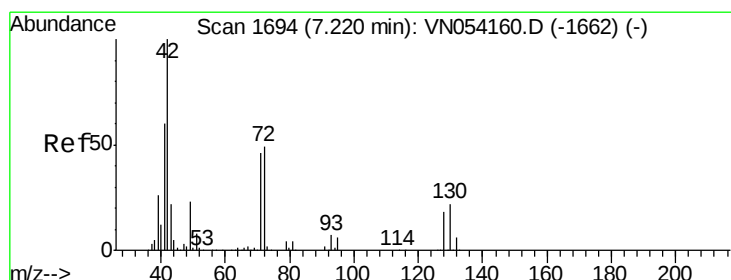
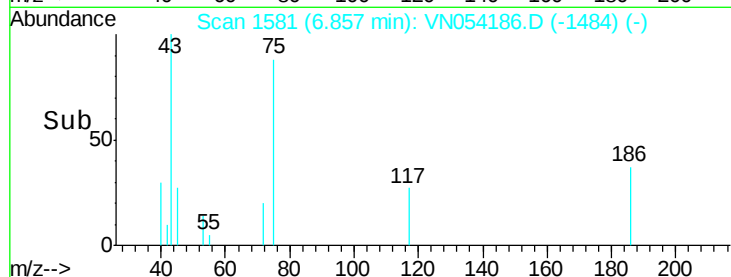
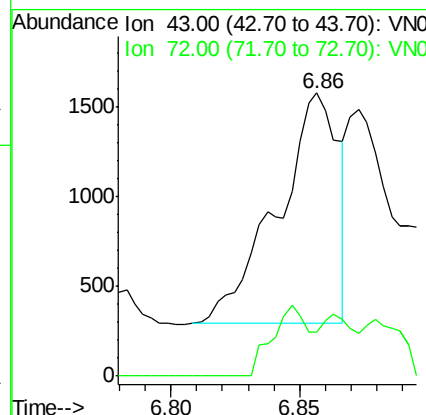
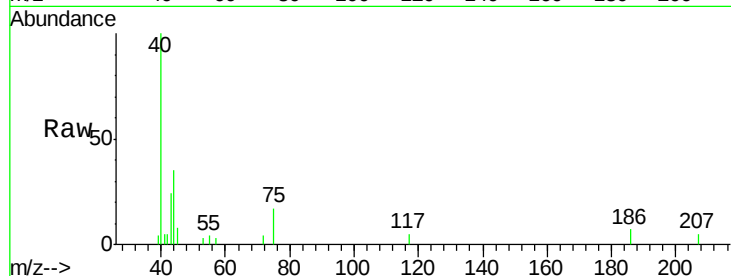




#25  
2-Butanone  
Concen: 0.411 ug/l  
RT: 6.86 min Scan# 1581  
Delta R.T. 0.01 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

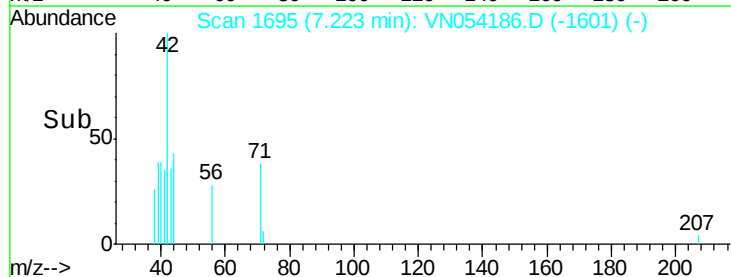
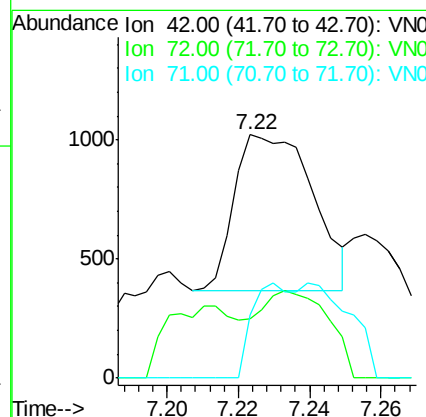
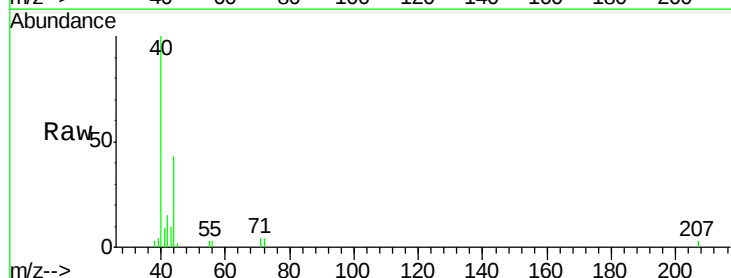
Instrument :  
MSVOA\_N  
ClientSampled :  
PUMP-CON

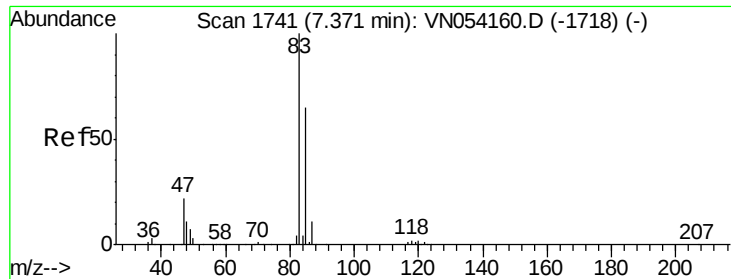
Tot Ion: 43 Resp: 2116  
Ion Ratio Lower Upper  
43 100  
72 19.3 23.0 34.6#



#29  
Tetrahydrofuran  
Concen: 0.300 ug/l  
RT: 7.22 min Scan# 1695  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Tgt Ion: 42 Resp: 992  
Ion Ratio Lower Upper  
42 100  
72 46.6 37.8 56.6  
71 34.2 36.2 54.2#

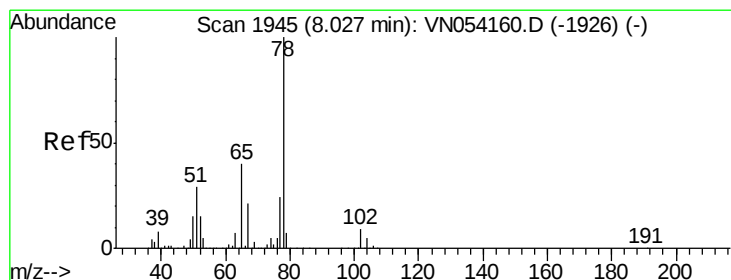
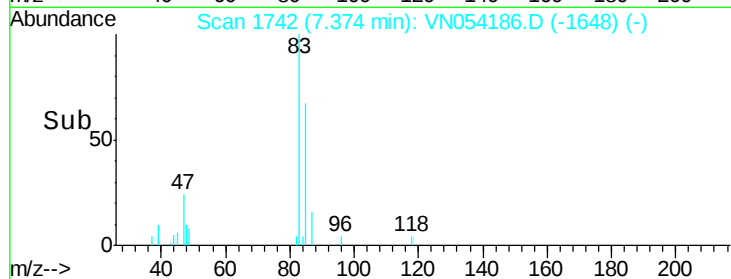
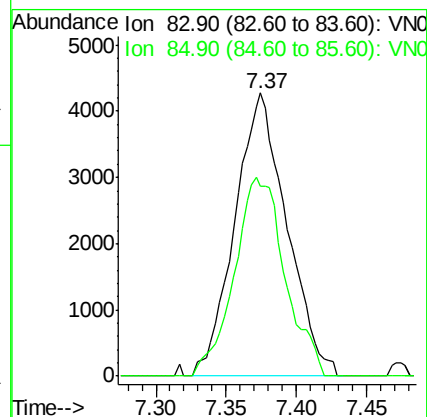
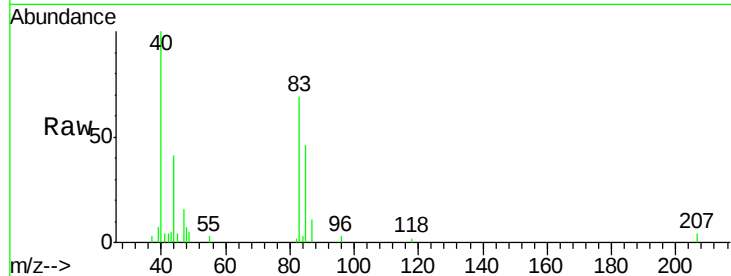




#30  
Chloroform  
Concen: 0.428 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

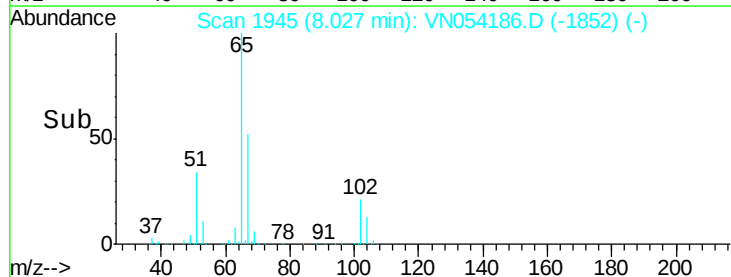
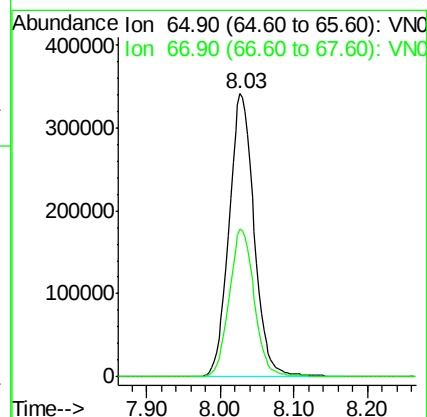
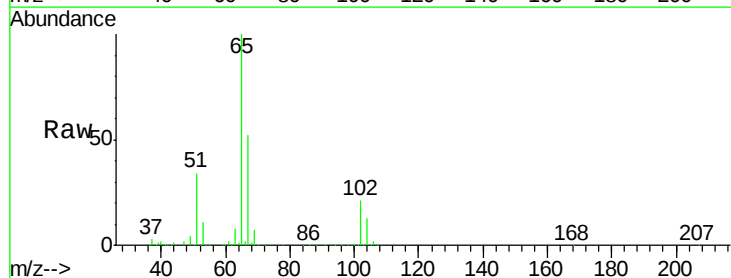
Instrument :  
MSVOA\_N  
ClientSampleId :  
PUMP-CON

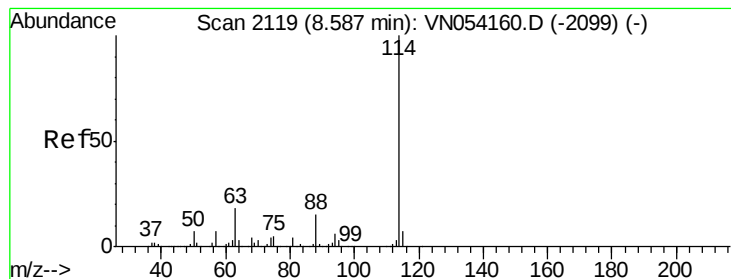
Tot Ion: 83 Resp: 11004  
Ion Ratio Lower Upper  
83 100  
85 67.0 52.2 78.4



#33  
1,2-Dichloroethane-d4  
Concen: 52.724 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Tgt Ion: 65 Resp: 807446  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampled :

PUMP-CON

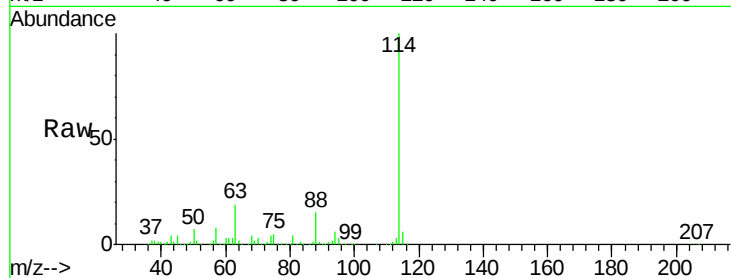
Tot Ion:114 Resp: 2455407

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.2

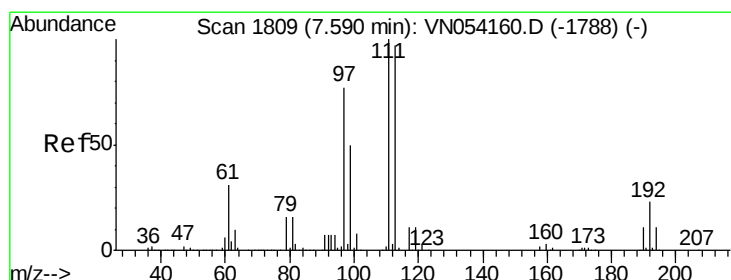
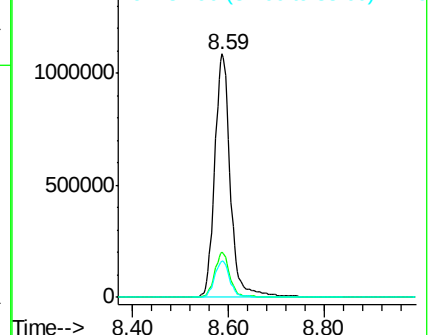
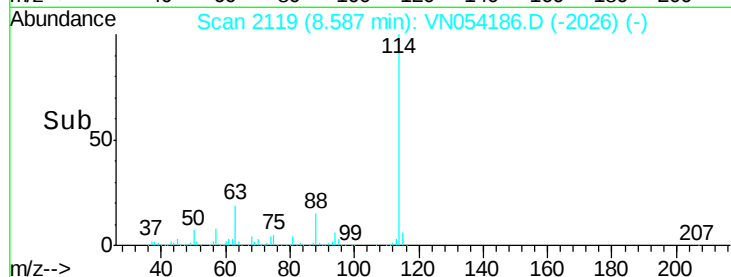
88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.087 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

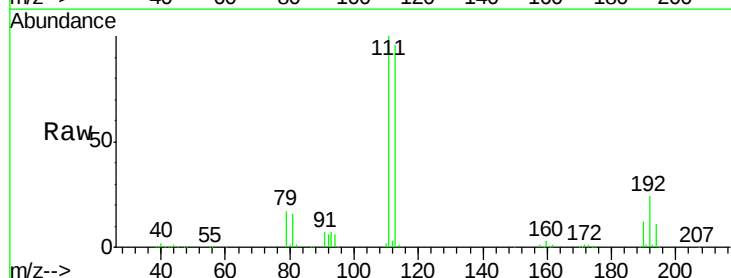
Tgt Ion:113 Resp: 761519

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

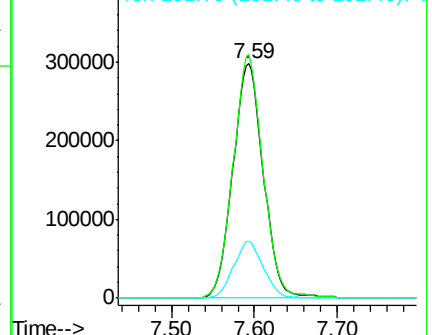
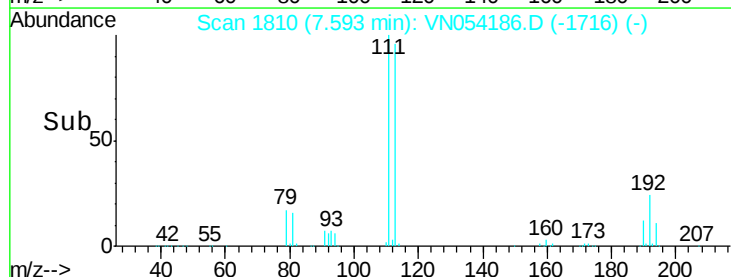
192 23.6 19.2 28.8

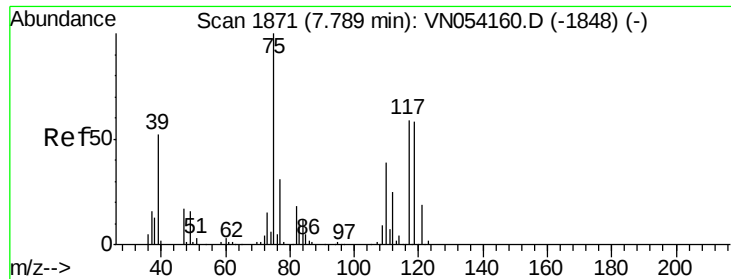


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

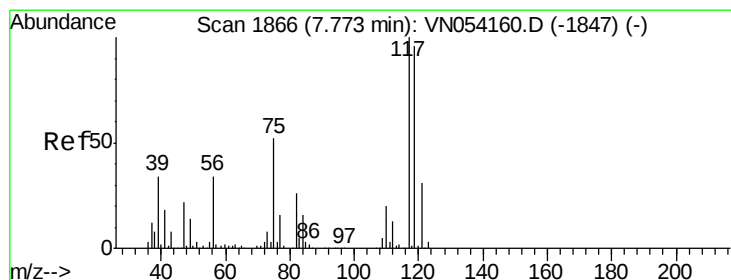
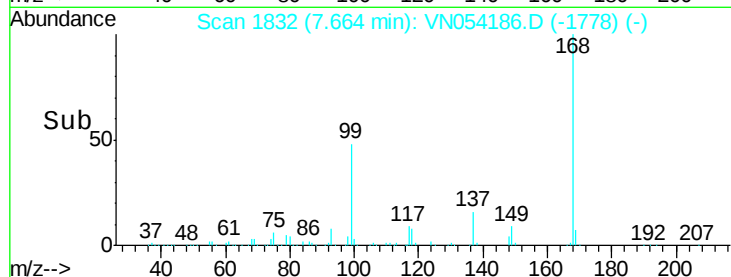
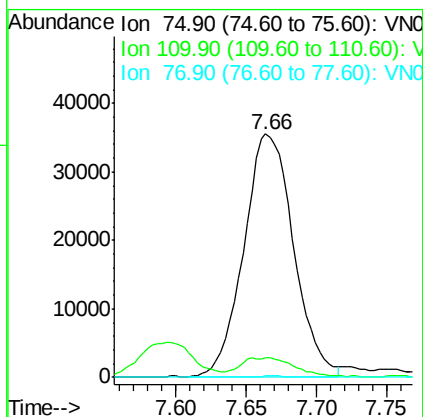
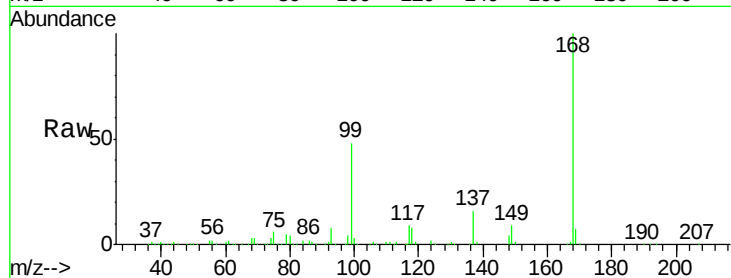




#36  
 1,1-Dichloropropene  
 Concen: 3.887 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN054186.D  
 Acq: 13 Mar 2019 2:09

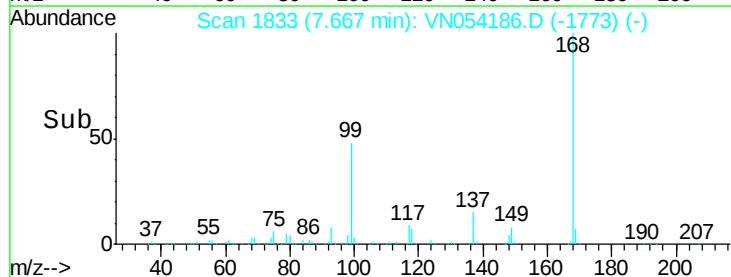
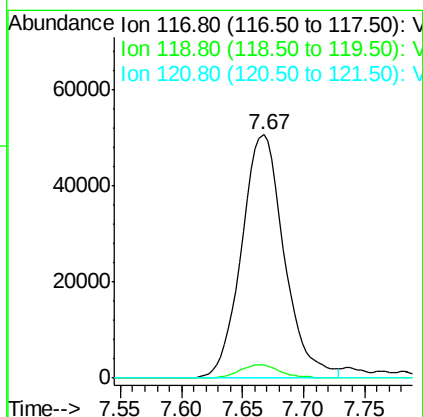
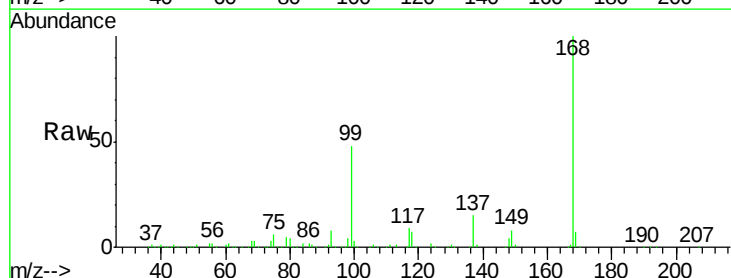
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 PUMP-CON

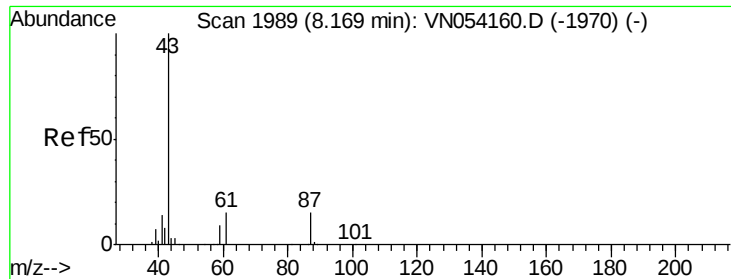
Tot Ion: 75 Resp: 87884  
 Ion Ratio Lower Upper  
 75 100  
 110 8.2 19.1 57.5#  
 77 0.2 25.0 37.4#



#38  
 Carbon Tetrachloride  
 Concen: 5.180 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN054186.D  
 Acq: 13 Mar 2019 2:09

Tgt Ion: 117 Resp: 122822  
 Ion Ratio Lower Upper  
 117 100  
 119 5.4 76.3 114.5#  
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 2.101 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampled :

PUMP-CON

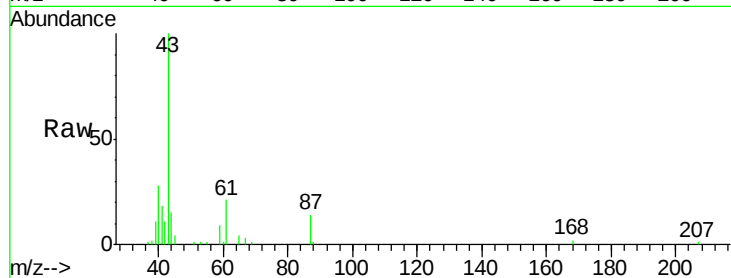
Tot Ion: 43 Resp: 47909

Ion Ratio Lower Upper

43 100

61 21.5 15.8 23.8

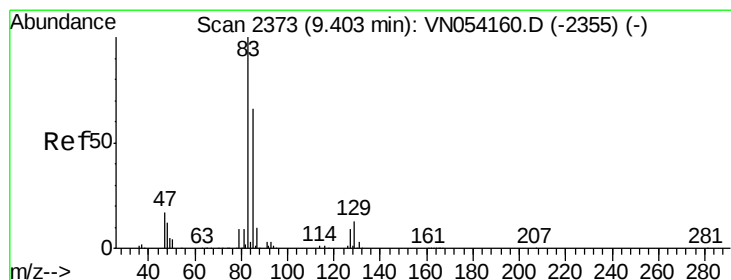
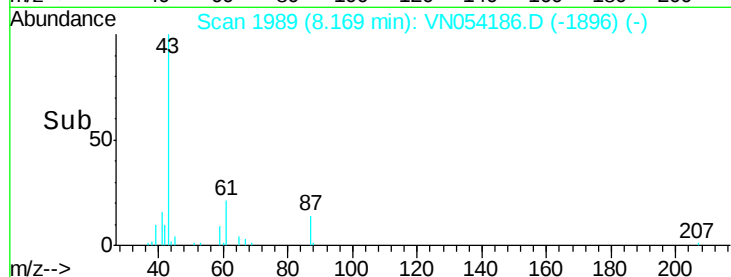
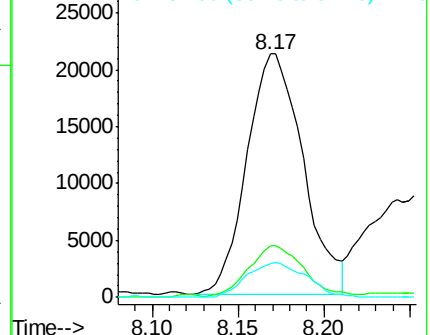
87 15.3 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.219 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

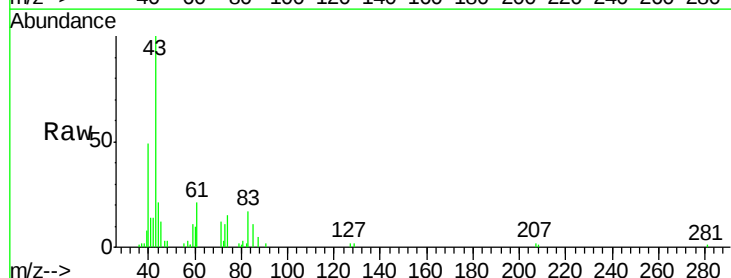
Tgt Ion: 83 Resp: 4762

Ion Ratio Lower Upper

83 100

85 62.9 52.8 79.2

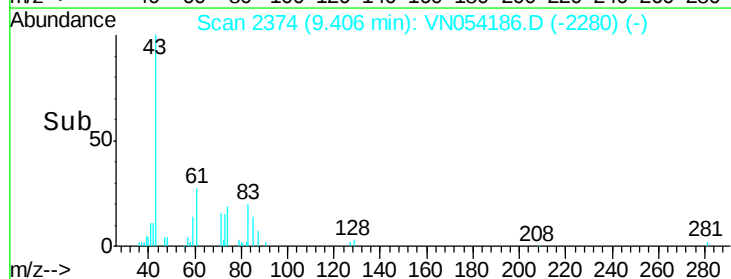
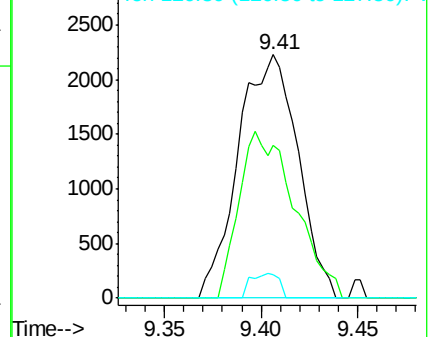
127 9.6 7.4 11.2

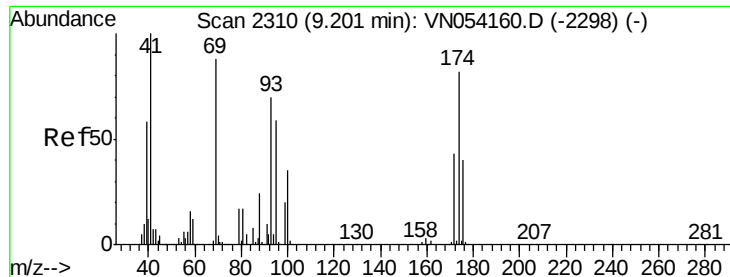


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

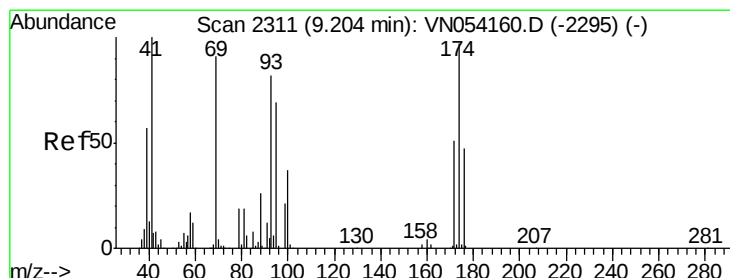
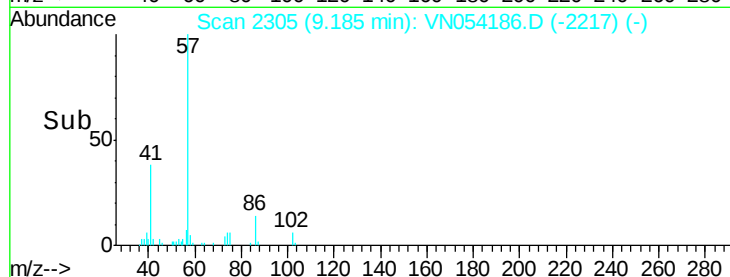
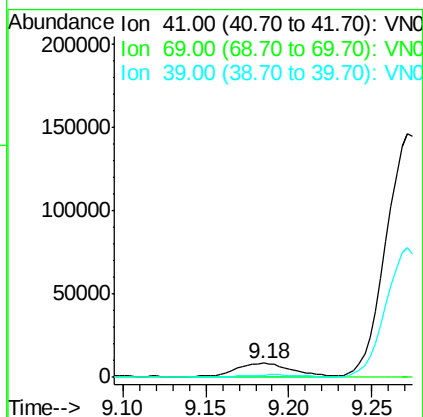
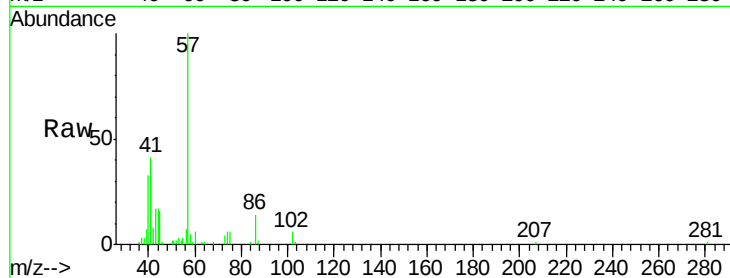




#48  
Methvl methacrylate  
Concen: 1.625 ug/l  
RT: 9.18 min Scan# 2305  
Delta R.T. -0.02 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

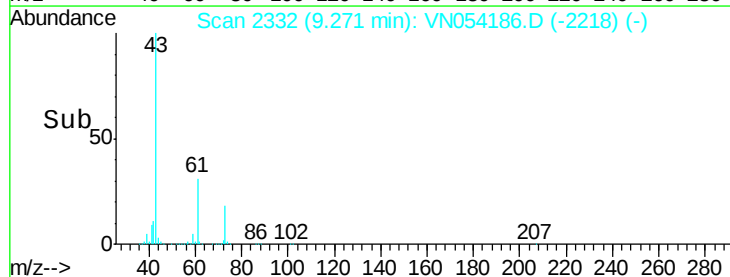
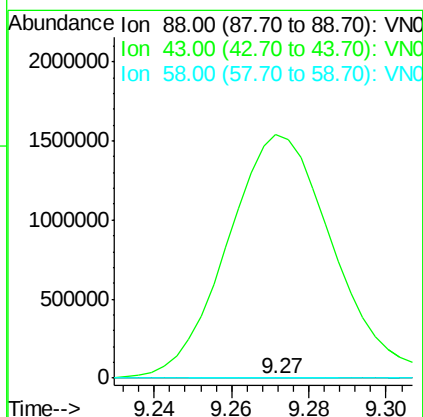
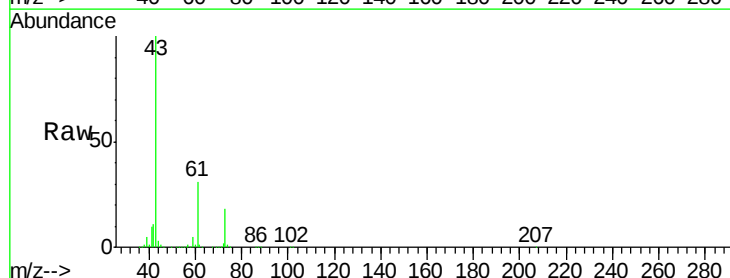
Instrument :  
MSVOA\_N  
ClientSampleId :  
PUMP-CON

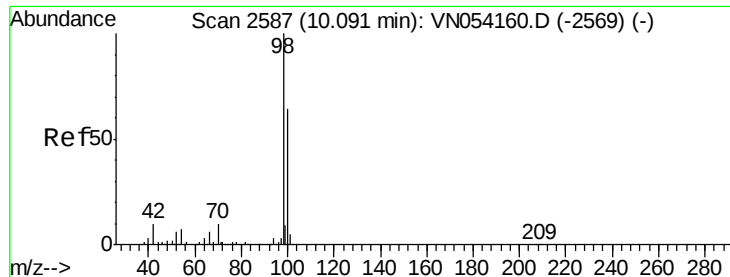
Tot Ion: 41 Resp: 18806  
Ion Ratio Lower Upper  
41 100  
69 0.2 72.6 108.8#  
39 0.0 47.5 71.3#



#49  
1,4-Dioxane  
Concen: 2.627 ug/l  
RT: 9.27 min Scan# 2332  
Delta R.T. 0.07 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Tgt Ion: 88 Resp: 430  
Ion Ratio Lower Upper  
88 100  
43 721891.6 24.1 36.1#  
58 2946.0 50.8 76.2#





#50

Toluene-d8

Concen: 51.856 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampleId :

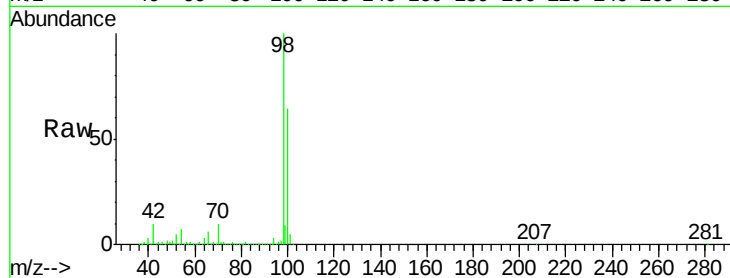
PUMP-CON

Tot Ion: 98 Resp: 3032863

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054186.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054186.D (-2494) (-)

10.09

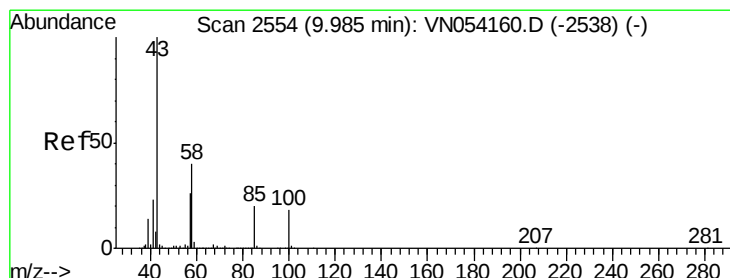
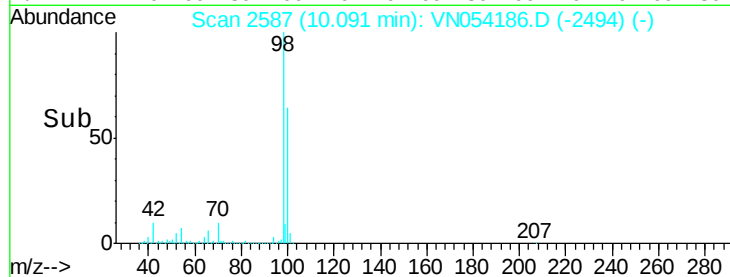
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.398 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054186.D

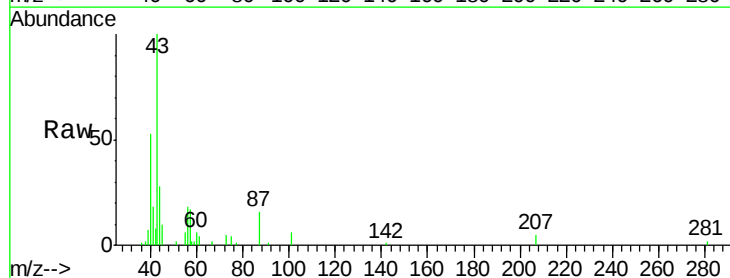
Acq: 13 Mar 2019 2:09

Tgt Ion: 43 Resp: 16874

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054186.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN054186.D (-2461) (-)

10.03

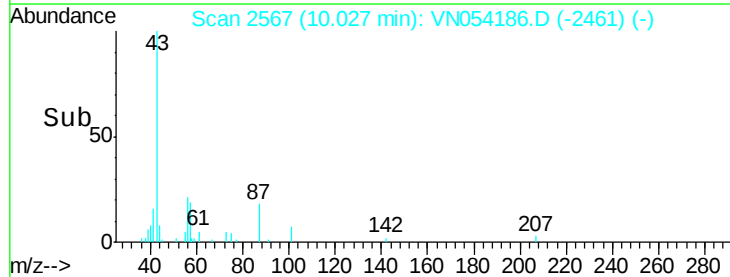
15000

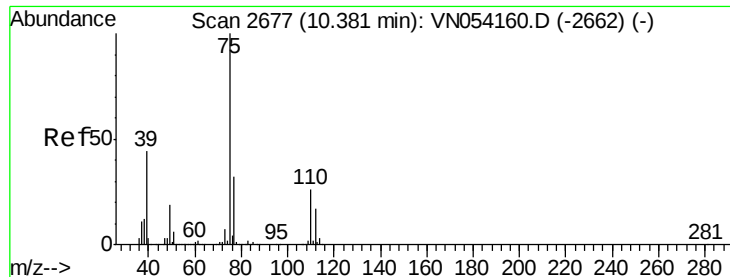
10000

5000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.010 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampleId :

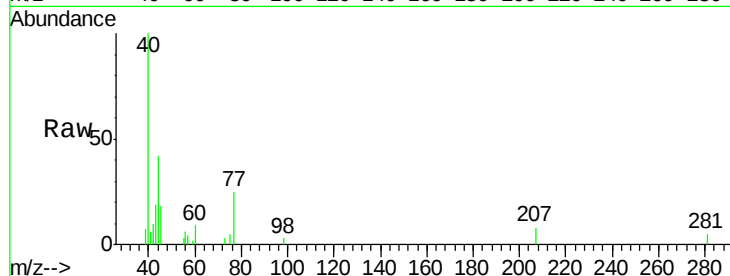
PUMP-CON

Tot Ion: 75 Resp: 632

Ion Ratio Lower Upper

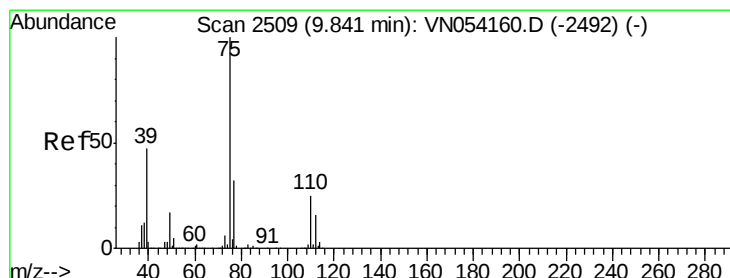
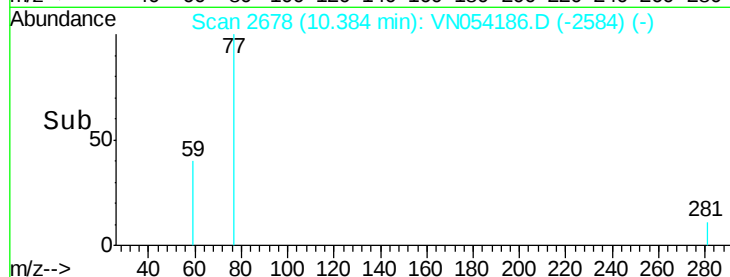
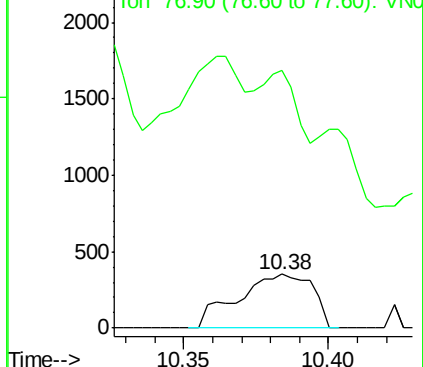
75 100

77 109.1 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO



#54

cis-1,3-Dichloropropene

Concen: 5.927 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

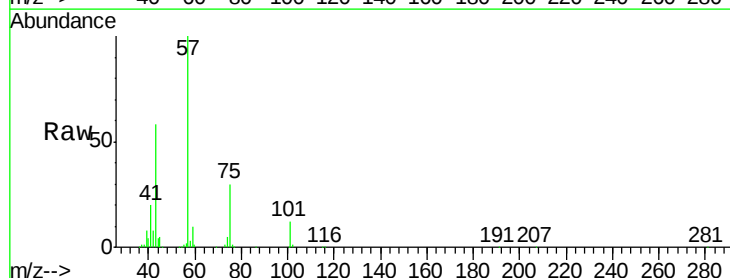
Tgt Ion: 75 Resp: 150308

Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

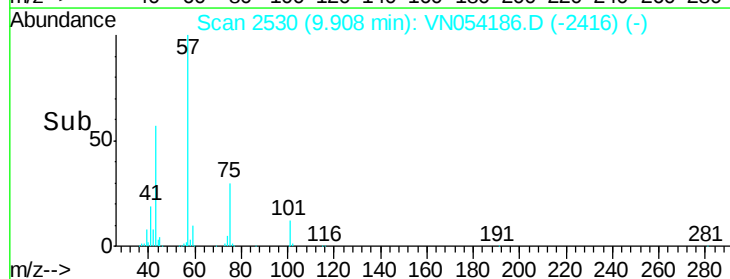
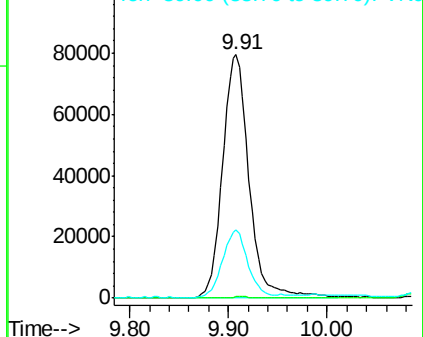
39 27.6 37.2 55.8#

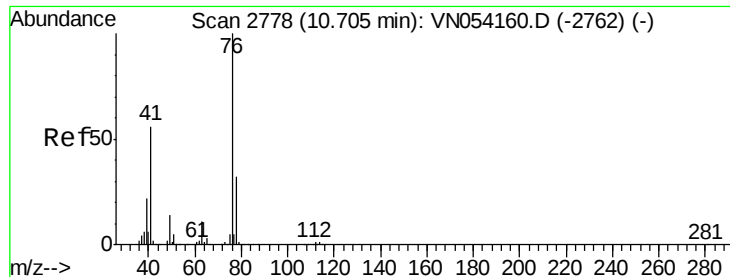


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 1.127 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampleId :

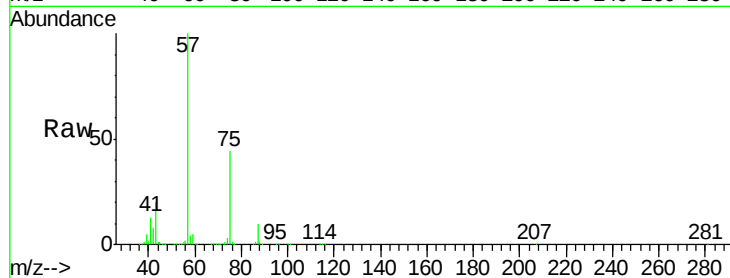
PUMP-CON

Tot Ion: 76 Resp: 27614

Ion Ratio Lower Upper

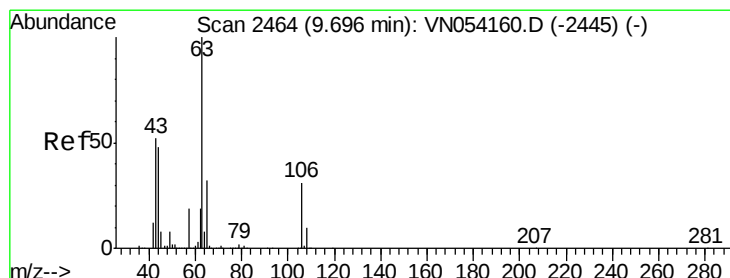
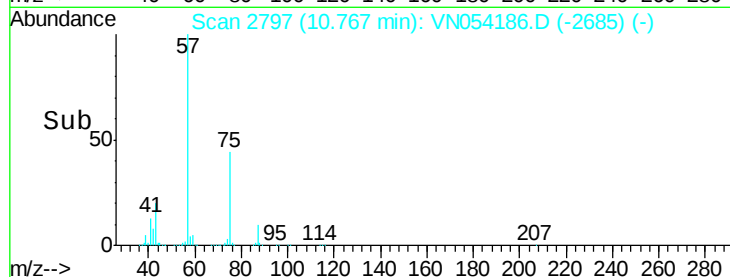
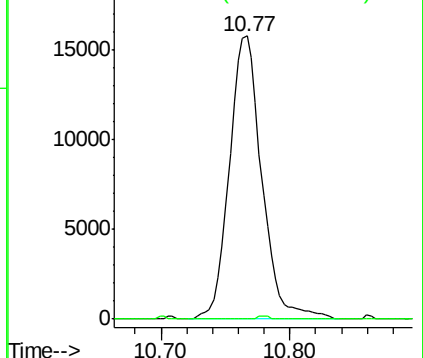
76 100

78 0.3 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 16.835 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN054186.D

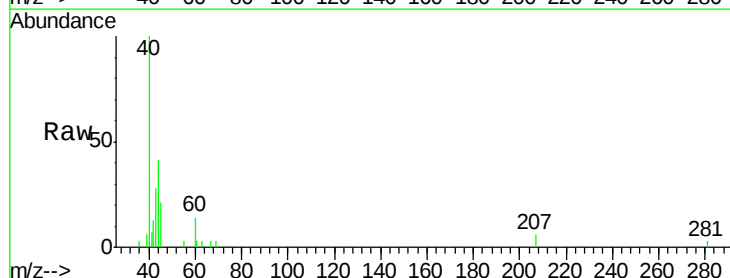
Acq: 13 Mar 2019 2:09

Tgt Ion: 63 Resp: 62

Ion Ratio Lower Upper

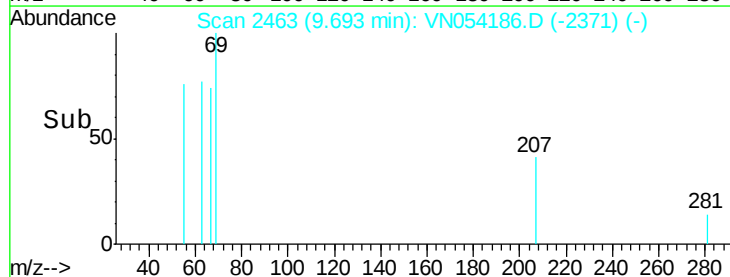
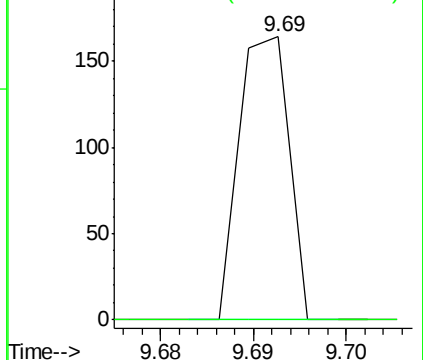
63 100

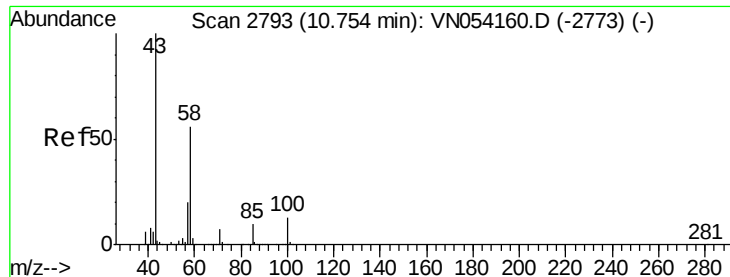
106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

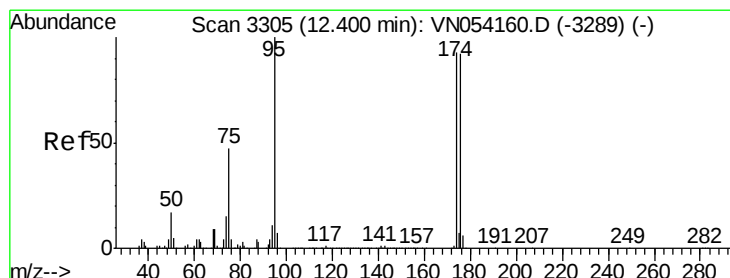
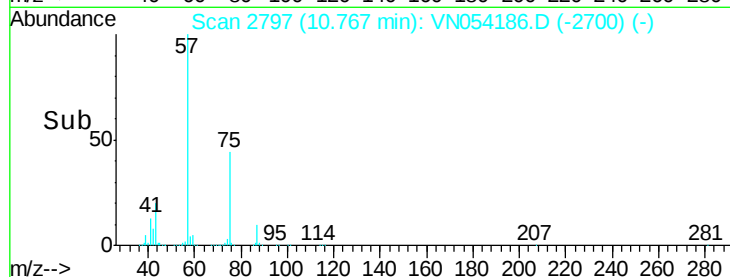
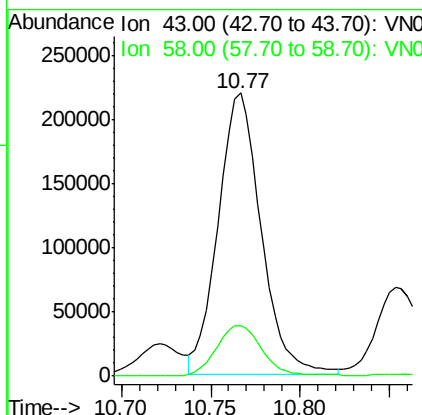
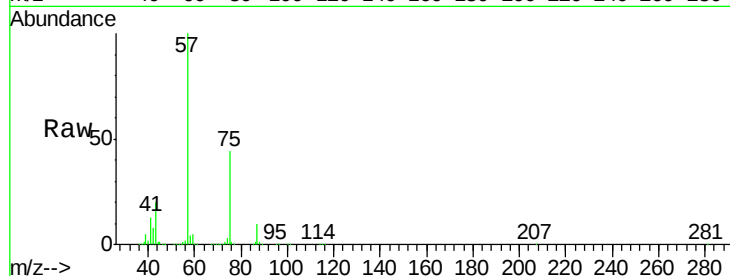




#59  
2-Hexanone  
Concen: 45.609 ug/l  
RT: 10.77 min Scan# 2797  
Delta R.T. 0.01 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

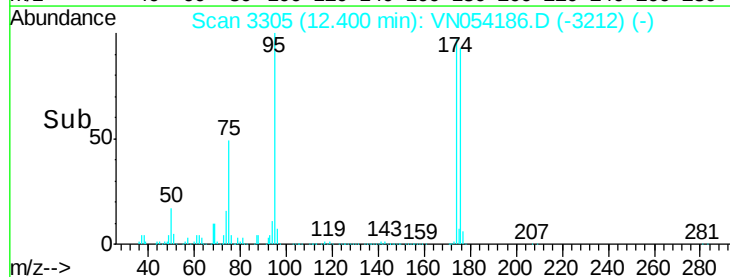
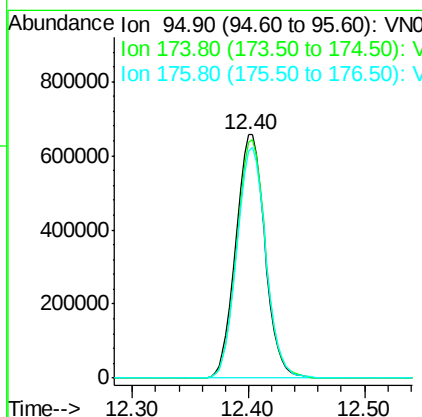
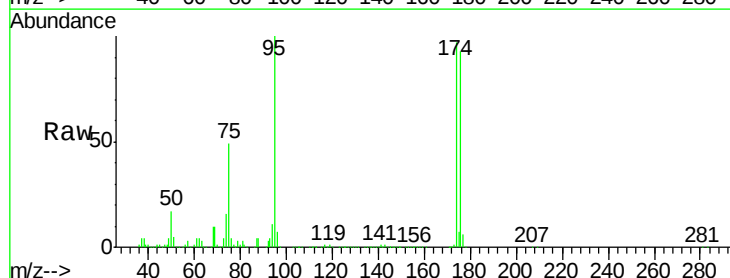
Instrument :  
MSVOA\_N  
ClientSampleId :  
PUMP-CON

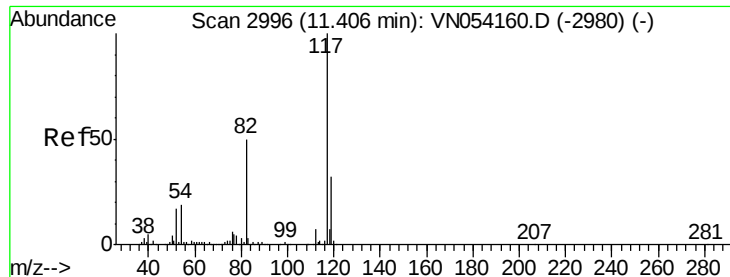
Tot Ion: 43 Resp: 366271  
Ion Ratio Lower Upper  
43 100  
58 19.4 28.0 83.9#



#62  
4-Bromofluorobenzene  
Concen: 55.722 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Tgt Ion: 95 Resp: 1140308  
Ion Ratio Lower Upper  
95 100  
174 97.3 0.0 191.0  
176 94.6 0.0 187.4

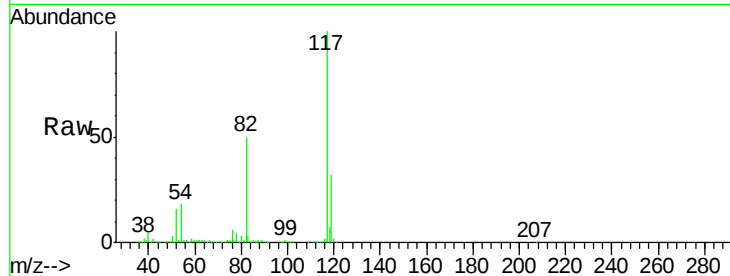




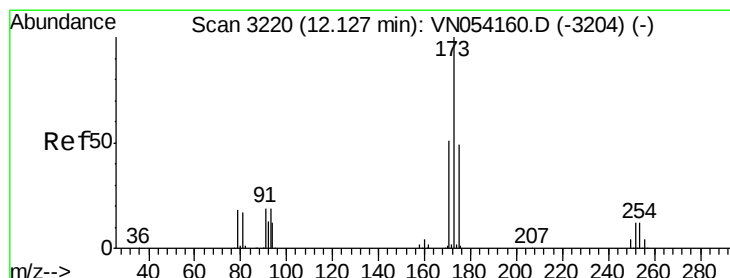
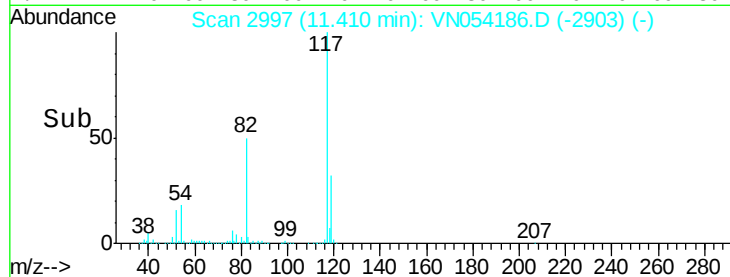
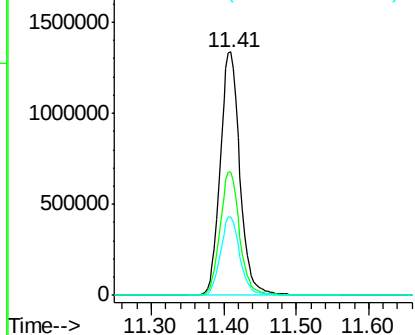
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
PUMP-CON

Tot Ion:117 Resp: 2512515  
Ion Ratio Lower Upper  
117 100  
82 50.4 40.0 60.0  
119 32.2 25.8 38.6

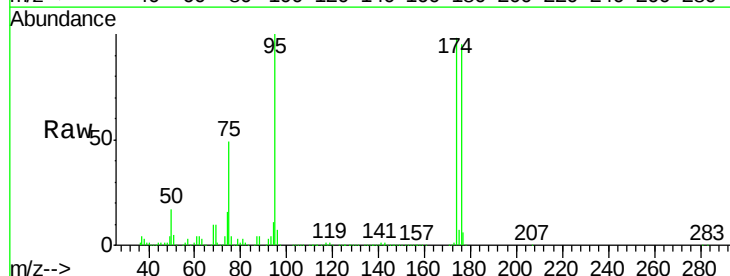


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

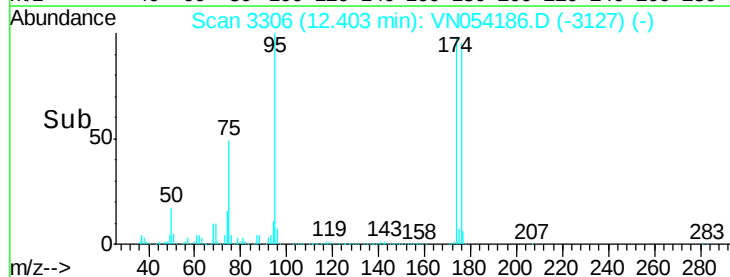
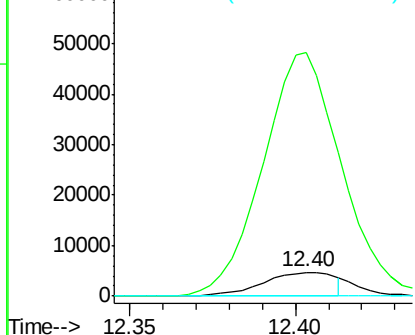


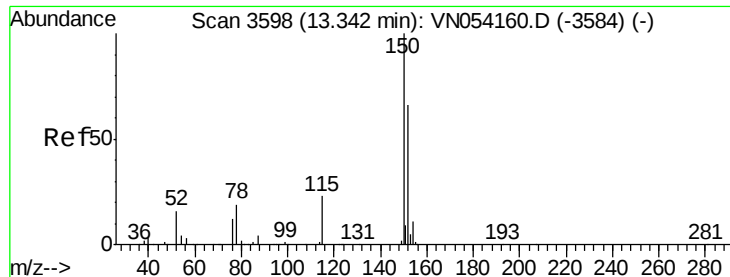
#71  
Bromoform  
Concen: 2.793 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.28 min  
Lab File: VN054186.D  
Acq: 13 Mar 2019 2:09

Tgt Ion:173 Resp: 7092  
Ion Ratio Lower Upper  
173 100  
175 963.0 24.4 73.2#  
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampleId :

PUMP-CON

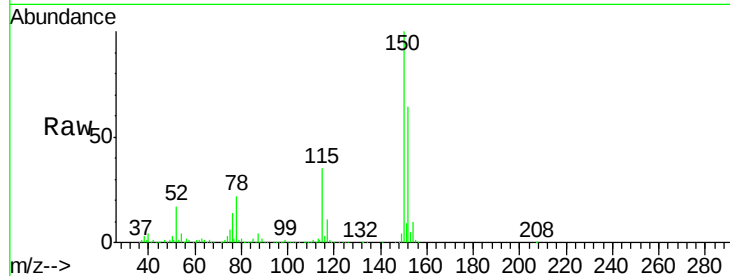
Tot Ion:152 Resp: 1097975

Ion Ratio Lower Upper

152 100

115 54.9 27.2 81.6

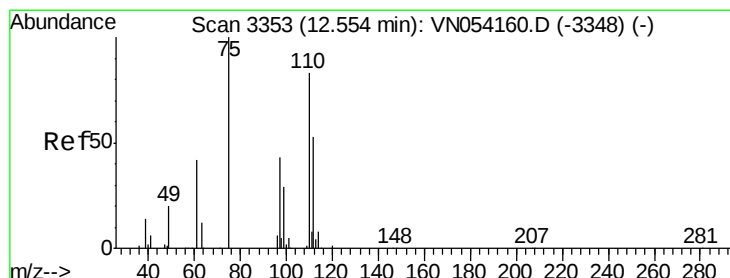
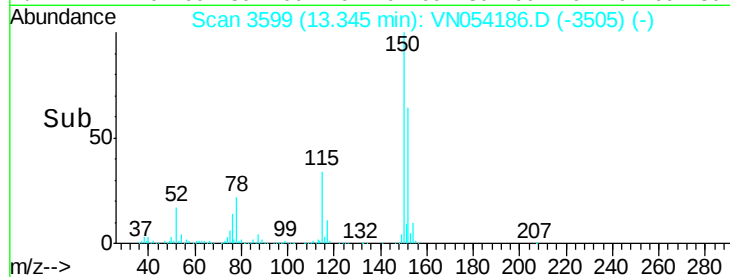
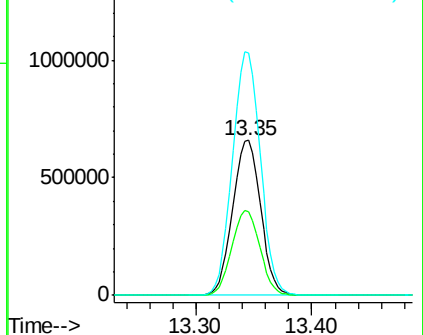
150 157.2 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 34.397 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054186.D

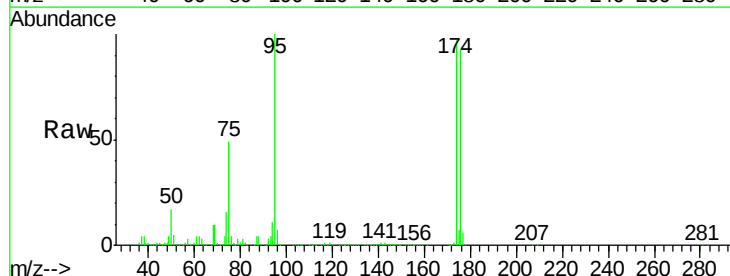
Acq: 13 Mar 2019 2:09

Tgt Ion: 75 Resp: 555389

Ion Ratio Lower Upper

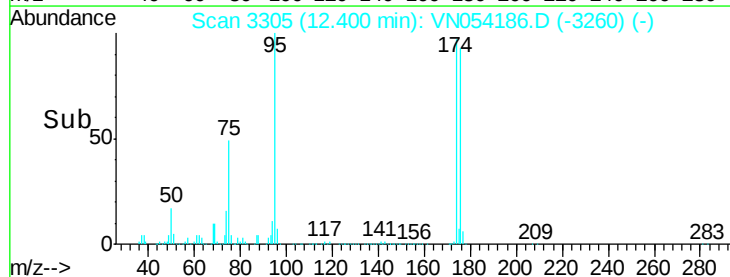
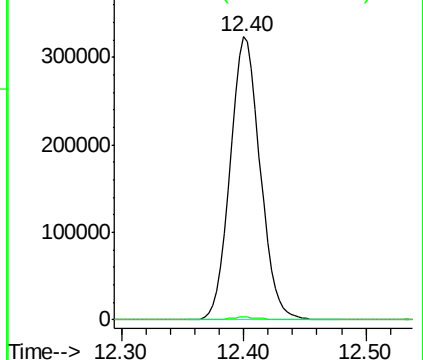
75 100

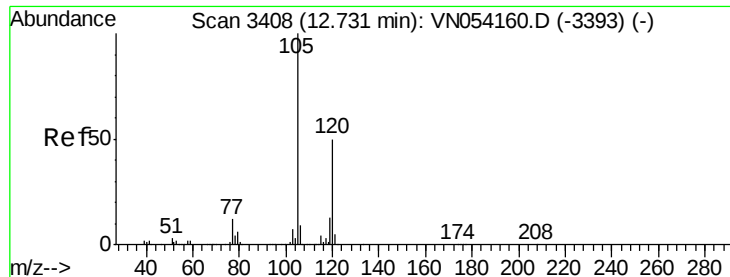
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.313 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampled :

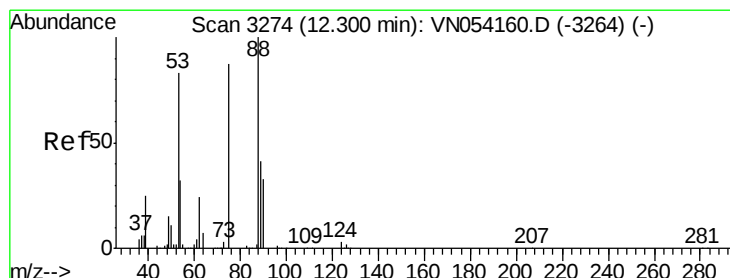
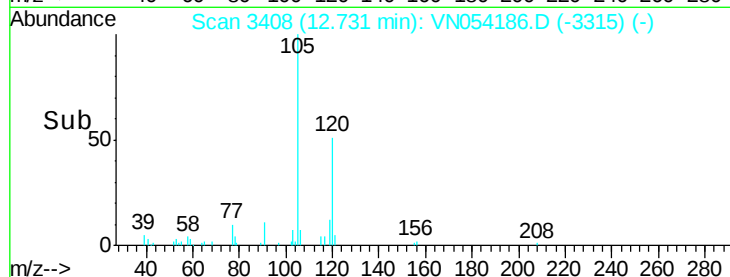
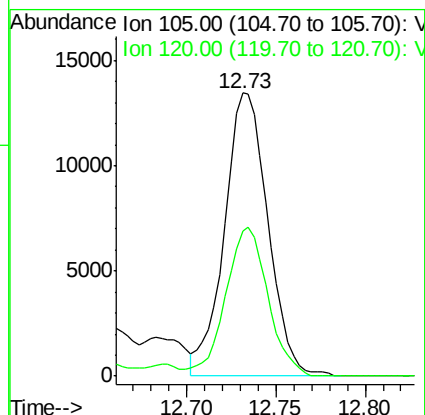
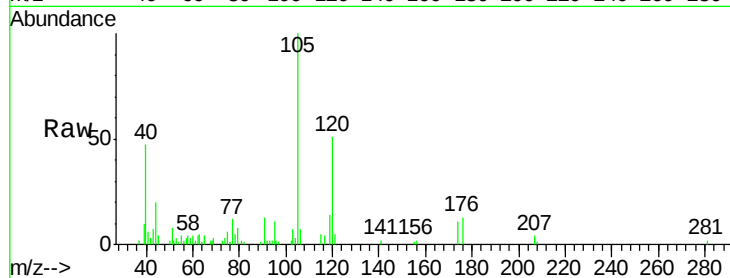
PUMP-CON

Tot Ion:105 Resp: 22842

Ion Ratio Lower Upper

105 100

120 51.0 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 117.586 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

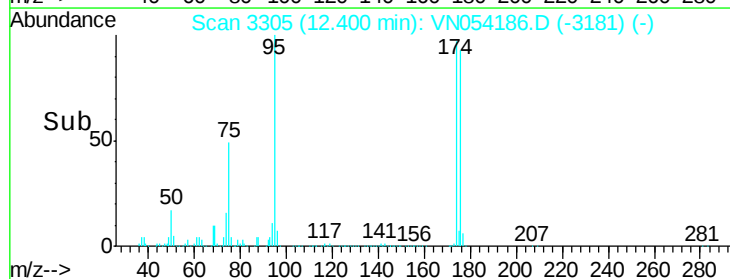
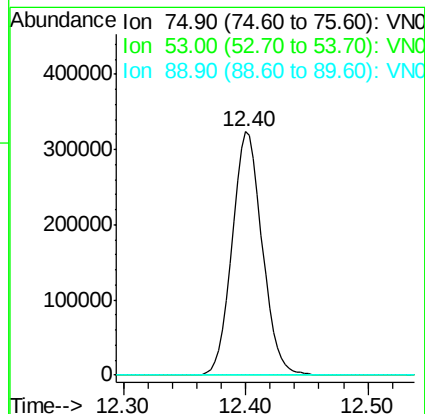
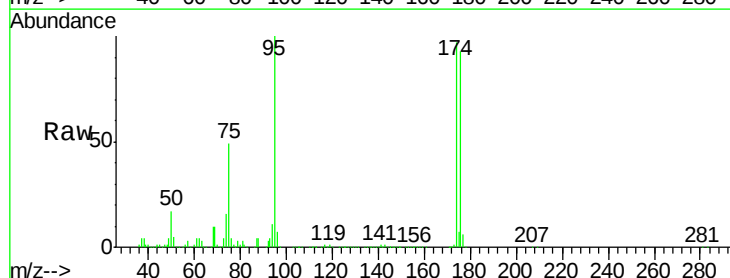
Tgt Ion: 75 Resp: 555389

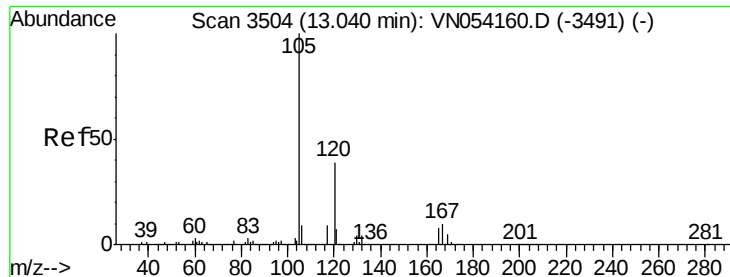
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

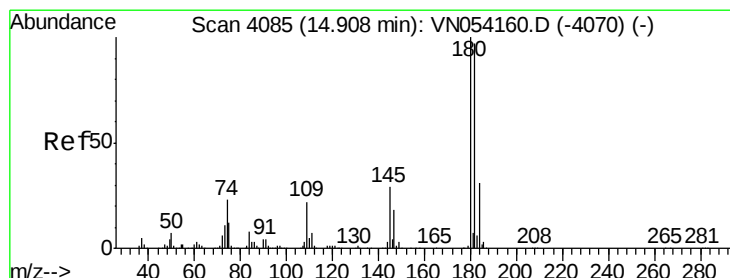
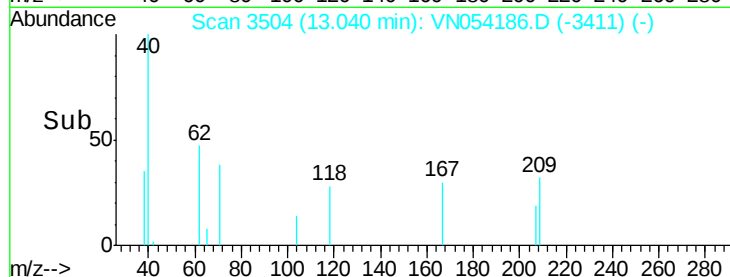
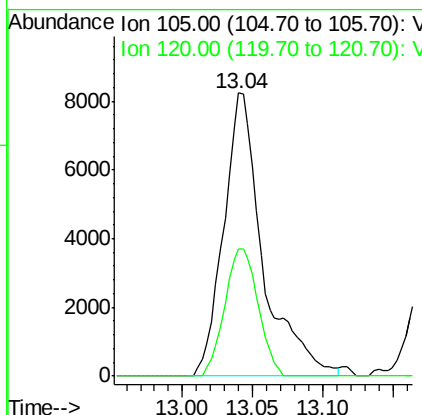
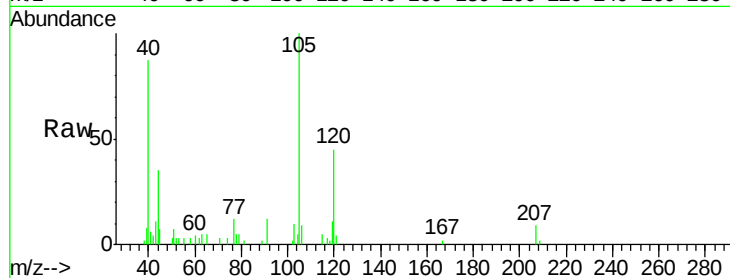




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.224 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN054186.D  
 Acq: 13 Mar 2019 2:09

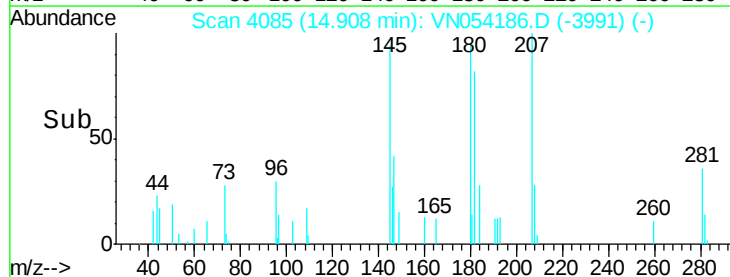
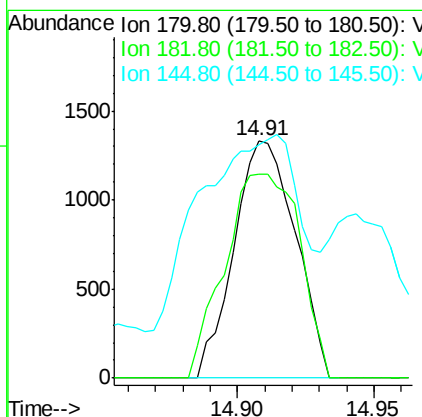
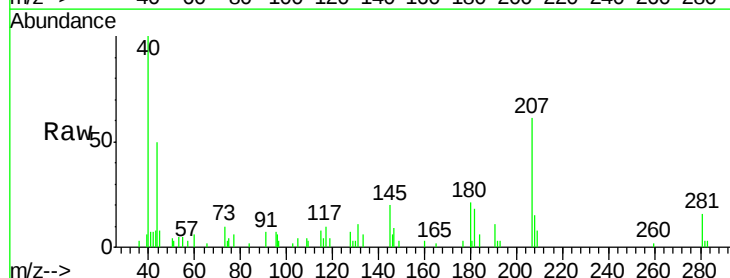
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PUMP-CON

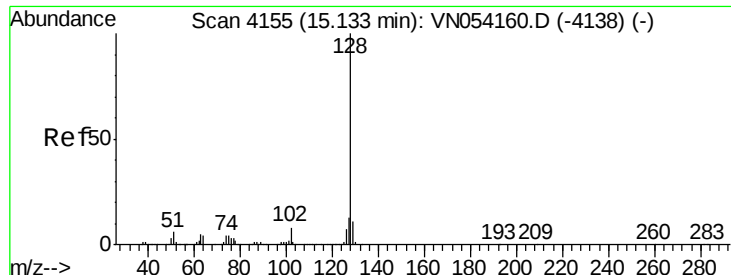
Tot Ion:105 Resp: 16025  
 Ion Ratio Lower Upper  
 105 100  
 120 38.1 23.4 70.3



#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.602 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN054186.D  
 Acq: 13 Mar 2019 2:09

Tgt Ion:180 Resp: 2082  
 Ion Ratio Lower Upper  
 180 100  
 182 105.1 48.0 144.2  
 145 183.0 14.2 42.8#





#95

Naphthalene

Concen: 3.955 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA\_N

ClientSampleId :

PUMP-CON

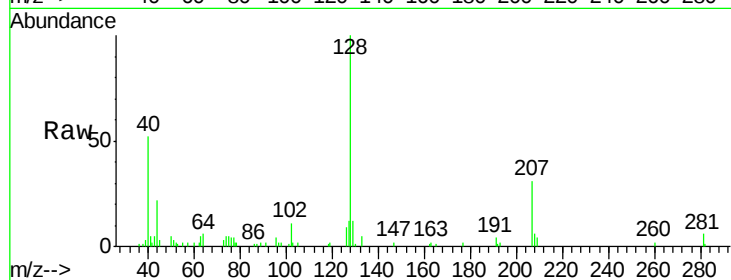
Tot Ion:128 Resp: 25115

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 12.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

