

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\  
 Data File : VN053064.D  
 Acq On : 20 Dec 2018 18:35  
 Operator : MD\SY  
 Sample : PB115868ZHE#04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 21 00:19:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1383935  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2144328  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1894954  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 750274   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 710049   | 50.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.12% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 545929   | 55.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.46% |      |
| 50) Toluene-d8            | 10.09  | 98  | 2587994  | 49.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.44%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 839795   | 45.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.98%  |      |

## Target Compounds

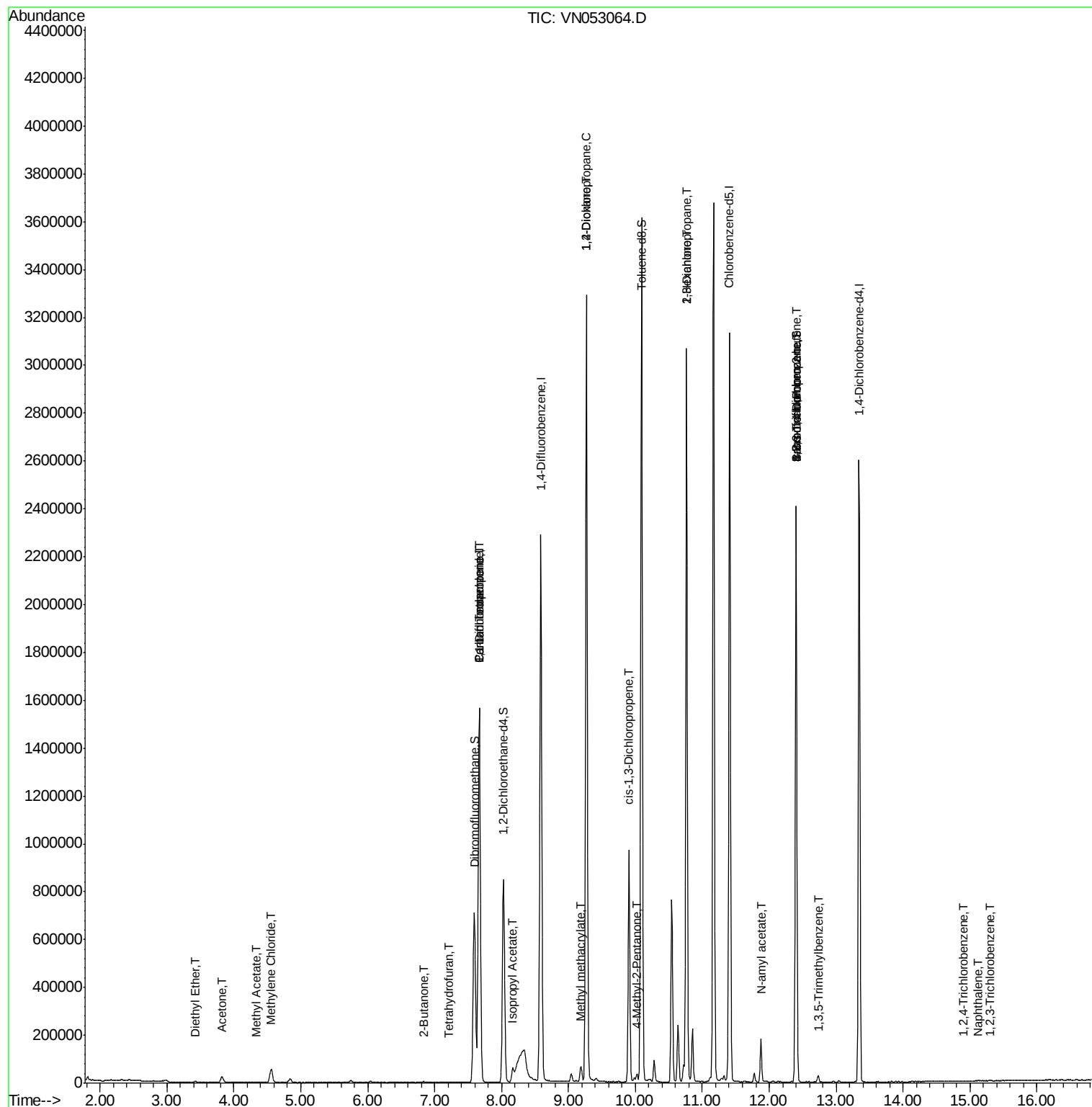
|                                |       |     |        |           | Qvalue |     |
|--------------------------------|-------|-----|--------|-----------|--------|-----|
| 8) Diethyl Ether               | 3.42  | 74  | 2485   | 0.308     | ug/l   | 70  |
| 16) Acetone                    | 3.82  | 43  | 41580  | 15.100    | ug/l   | 94  |
| 18) Methyl Acetate             | 4.33  | 43  | 6612   | 1.510     | ug/l   | 93  |
| 20) Methylene Chloride         | 4.56  | 84  | 43466  | 2.894     | ug/l   | 98  |
| 25) 2-Butanone                 | 6.84  | 43  | 2773   | 0.600     | ug/l # | 88  |
| 29) Tetrahydrofuran            | 7.23  | 42  | 1285   | 0.372     | ug/l # | 41  |
| 31) Cyclohexane                | 7.67  | 56  | 22044  | Below Cal | #      | 1   |
| 36) 1,1-Dichloropropene        | 7.66  | 75  | 89775  | 4.362     | ug/l # | 49  |
| 38) Carbon Tetrachloride       | 7.67  | 117 | 117273 | 6.216     | ug/l # | 15  |
| 43) Isopropyl Acetate          | 8.17  | 43  | 78189  | 2.525     | ug/l # | 84  |
| 45) 1,2-Dichloropropane        | 9.27  | 63  | 3961   | 0.248     | ug/l # | 44  |
| 48) Methyl methacrylate        | 9.18  | 41  | 22678  | 2.034     | ug/l # | 22  |
| 49) 1,4-Dioxane                | 9.27  | 88  | 521    | 3.694     | ug/l # | 1   |
| 51) 4-Methyl-2-Pentanone       | 10.02 | 43  | 28368  | 2.549     | ug/l # | 35  |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75  | 186651 | 7.832     | ug/l # | 59  |
| 57) 1,3-Dichloropropane        | 10.76 | 76  | 31646  | 1.394     | ug/l # | 43  |
| 59) 2-Hexanone                 | 10.76 | 43  | 431191 | 57.276    | ug/l # | 50  |
| 71) Bromoform                  | 12.40 | 173 | 5029   | 0.477     | ug/l # | 1   |
| 74) N-amyl acetate             | 11.88 | 43  | 53608  | 3.289     | ug/l # | 52  |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75  | 392286 | 31.060    | ug/l # | 100 |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105 | 12143  | 0.254     | ug/l   | 95  |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75  | 392286 | 100.109   | ug/l # | 12  |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180 | 278    | 0.616     | ug/l # | 78  |
| 95) Naphthalene                | 15.13 | 128 | 1033   | 1.181     | ug/l # | 69  |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180 | 251    | 0.528     | ug/l # | 12  |

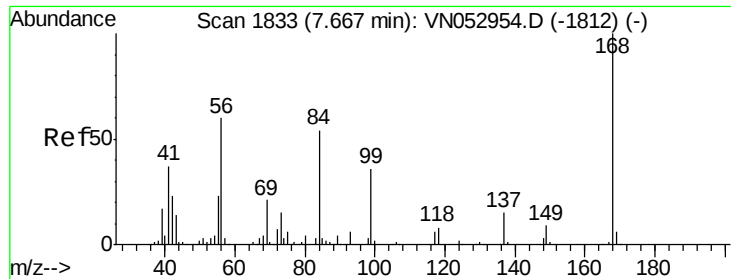
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Dec 18 13:03:37 2018  
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: VN053064.D

Acq: 20 Dec 2018 18:35

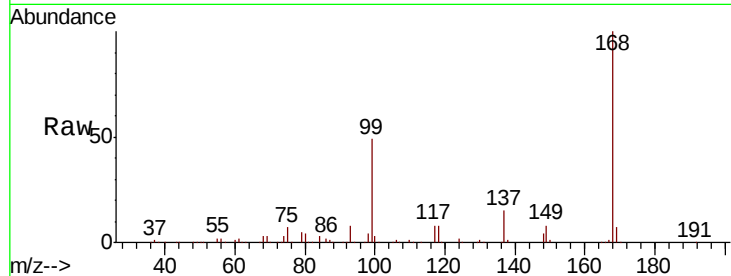
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 1383935

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

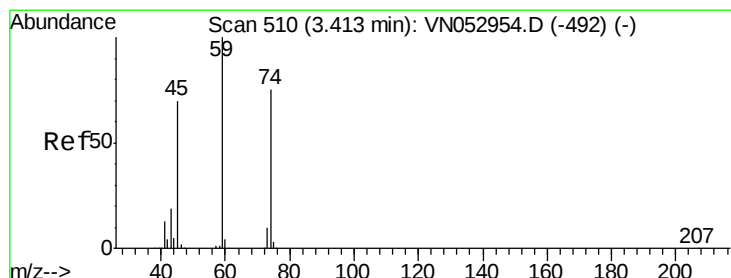
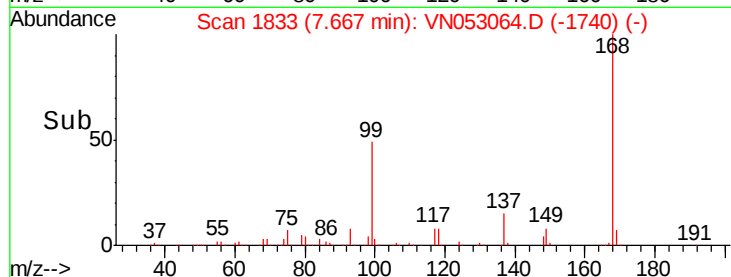
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.308 ug/l

RT: 3.42 min Scan# 513

Delta R.T. 0.01 min

Lab File: VN053064.D

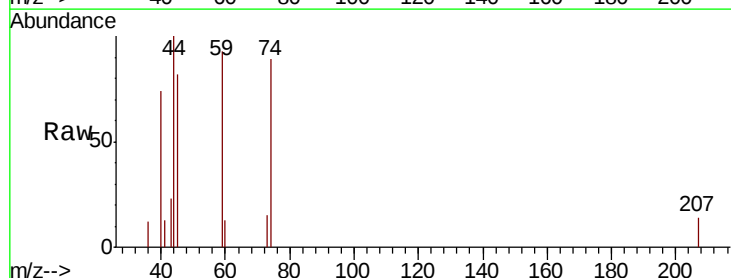
Acq: 20 Dec 2018 18:35

Tgt Ion: 74 Resp: 2485

Ion Ratio Lower Upper

74 100

45 128.7 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

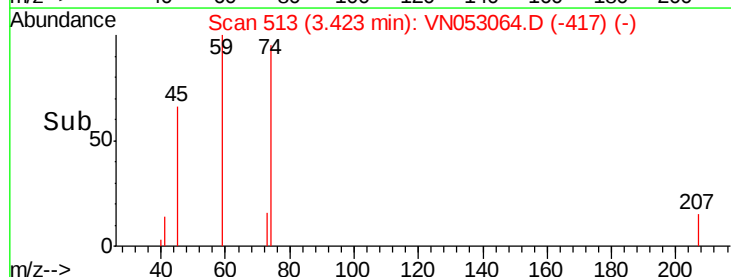
1500

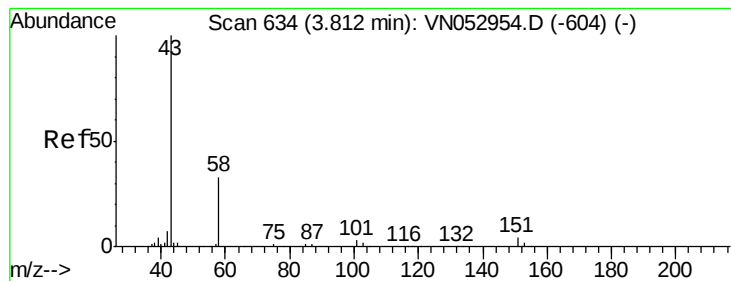
1000

500

0

Time-->





#16

Acetone

Concen: 15.100 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

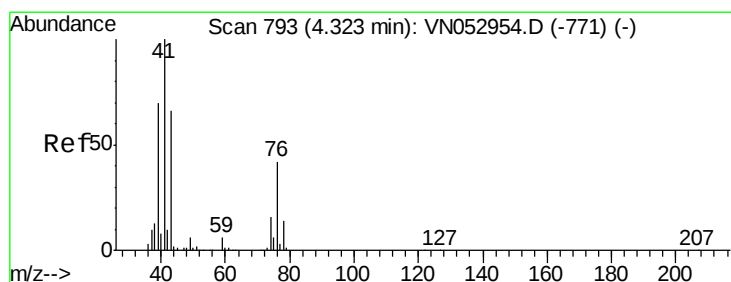
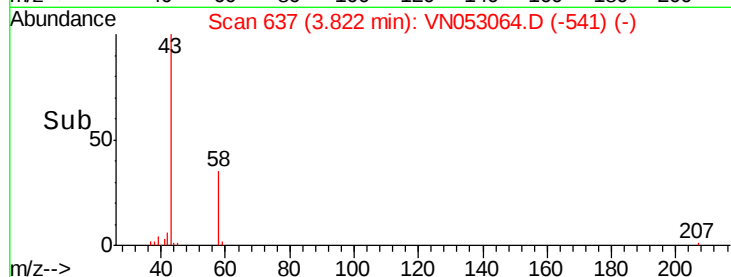
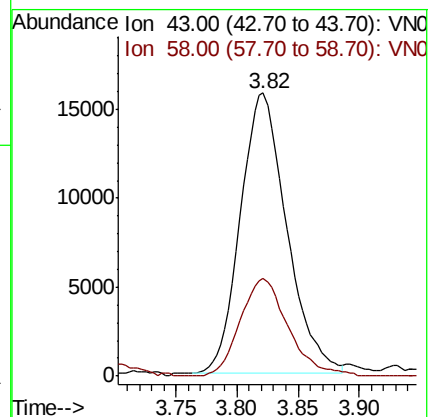
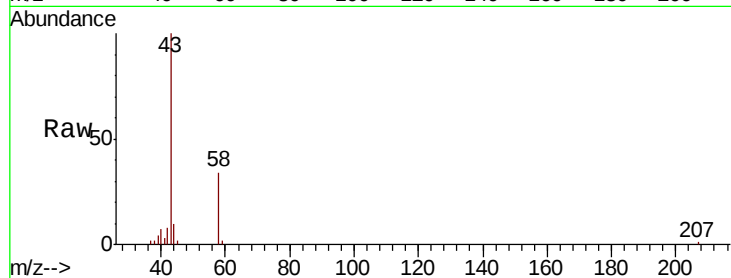
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 41580

Ion Ratio Lower Upper

43 100

58 34.8 25.4 38.0



#18

Methyl Acetate

Concen: 1.510 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053064.D

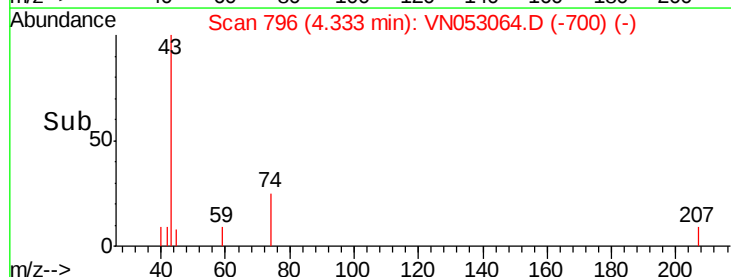
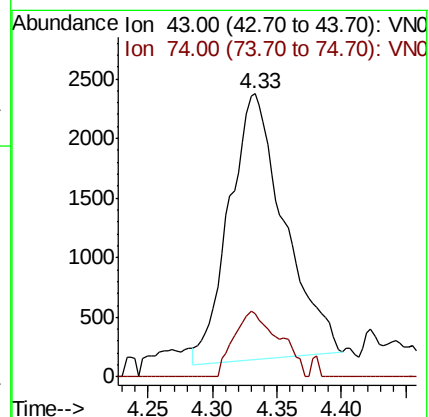
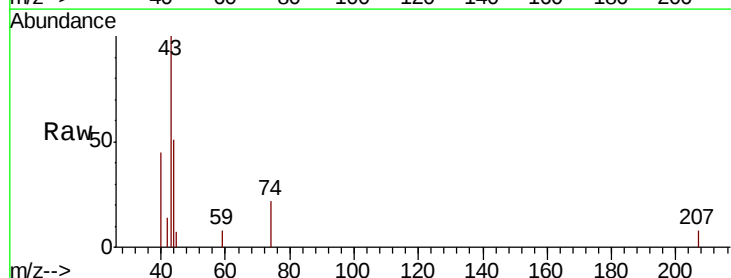
Acq: 20 Dec 2018 18:35

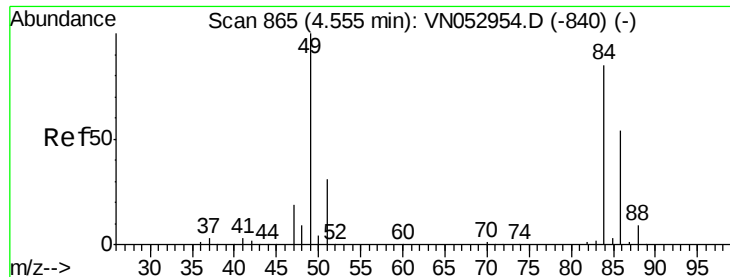
Tgt Ion: 43 Resp: 6612

Ion Ratio Lower Upper

43 100

74 20.4 19.2 28.8

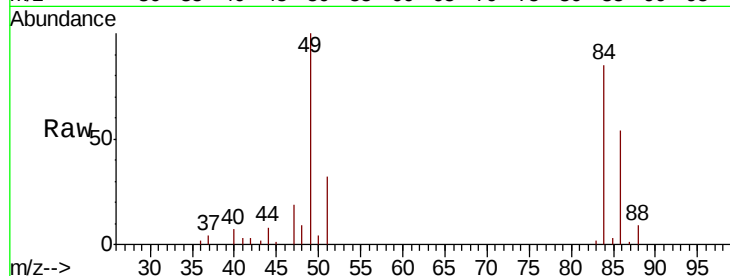




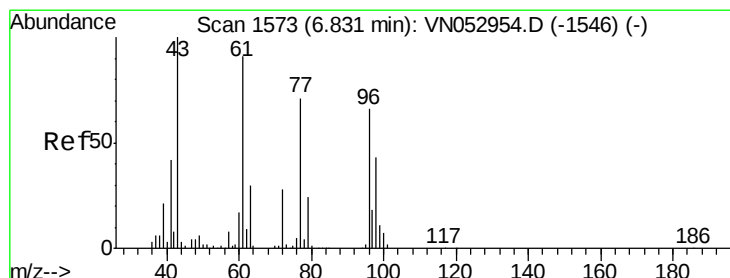
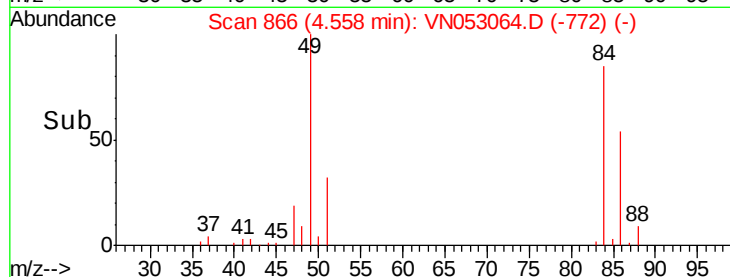
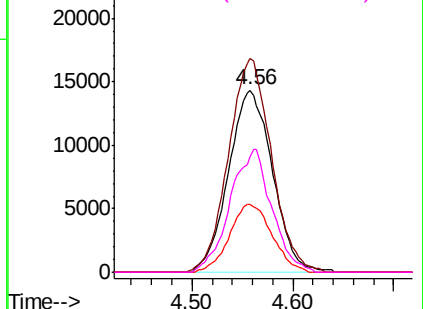
#20  
Methvlene Chloride  
Concen: 2.894 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 84 Resp: 43466  
Ion Ratio Lower Upper  
84 100  
49 117.3 96.8 145.2  
51 37.1 29.9 44.9  
86 63.4 51.8 77.6

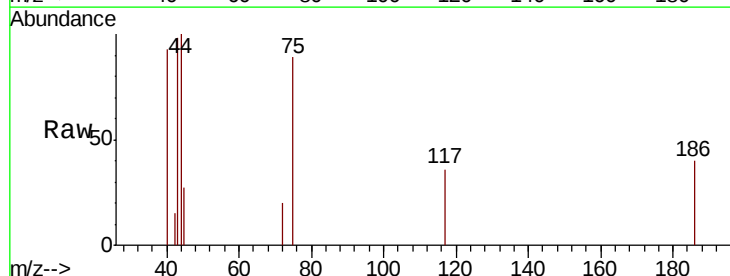


Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

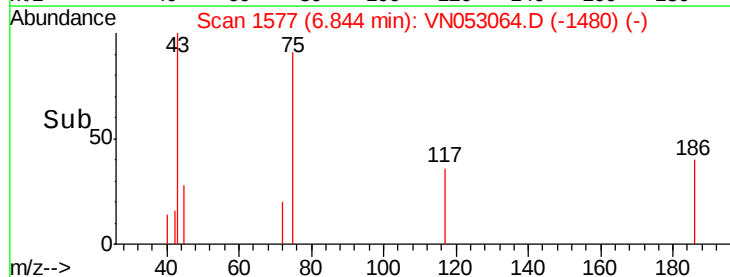
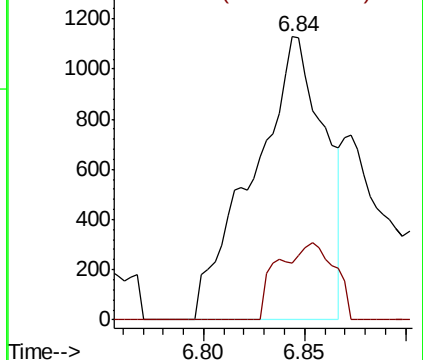


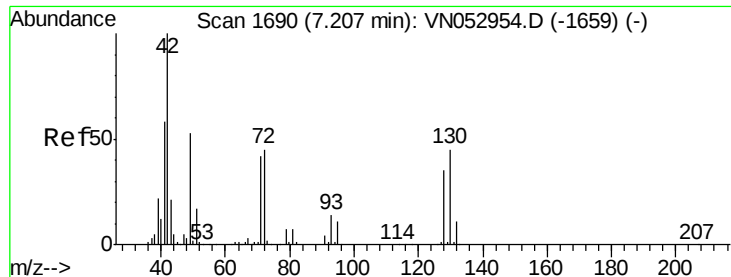
#25  
2-Butanone  
Concen: 0.600 ug/l  
RT: 6.84 min Scan# 1577  
Delta R.T. 0.01 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

Tgt Ion: 43 Resp: 2773  
Ion Ratio Lower Upper  
43 100  
72 20.1 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0

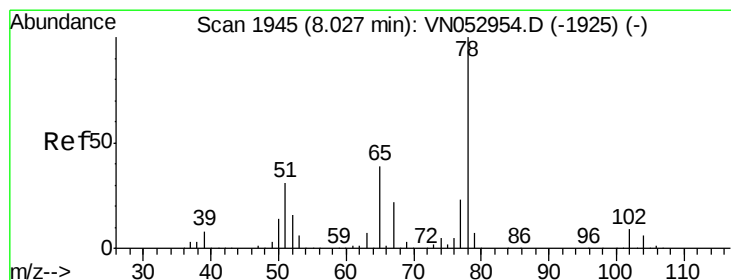
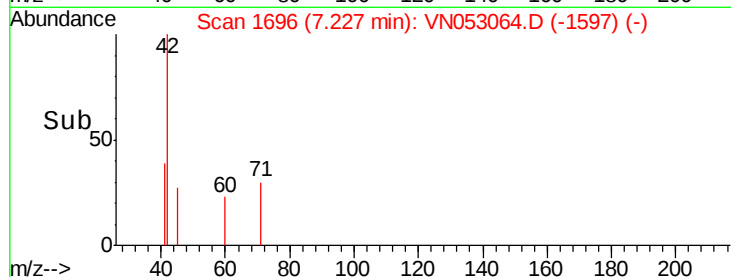
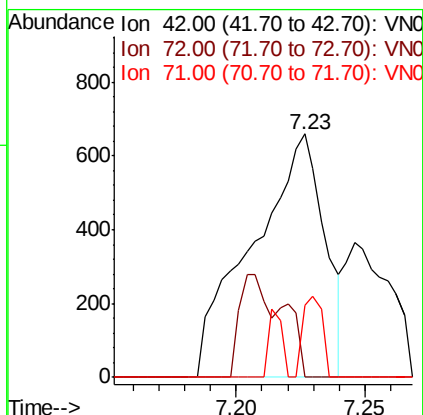
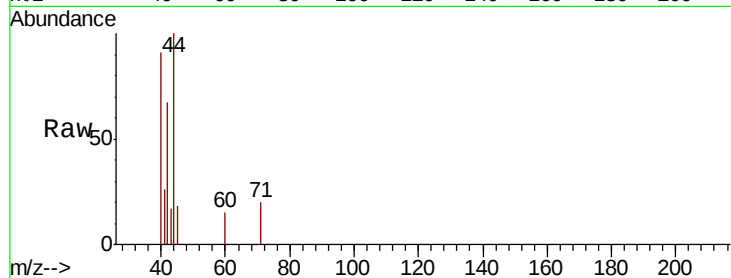




#29  
Tetrahydrofuran  
Concen: 0.372 ug/l  
RT: 7.23 min Scan# 1696  
Delta R.T. 0.02 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

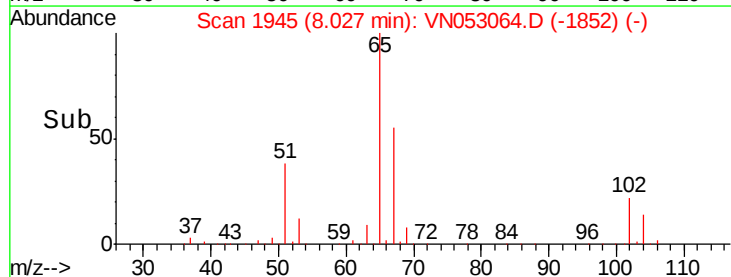
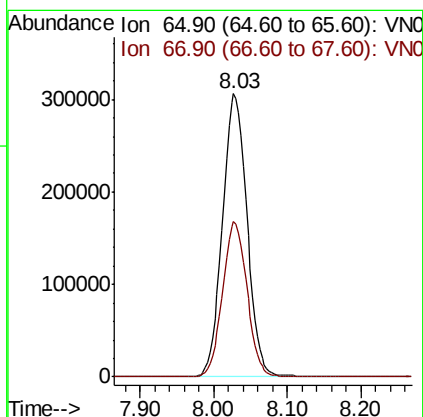
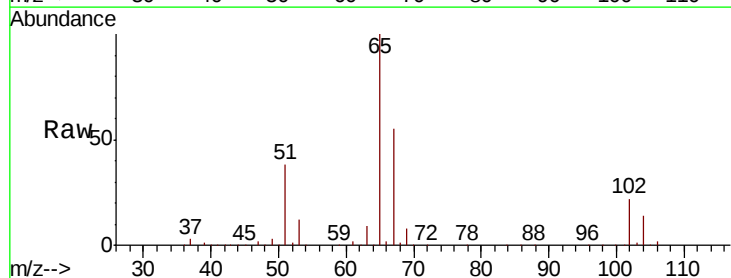
Instrument :  
MSVOA\_N  
ClientSampleId :

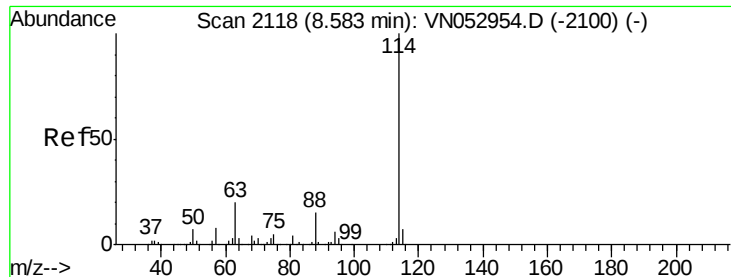
Tot Ion: 42 Resp: 1285  
Ion Ratio Lower Upper  
42 100  
72 0.0 34.7 52.1#  
71 8.9 32.3 48.5#



#33  
1,2-Dichloroethane-d4  
Concen: Below ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

Tgt Ion: 65 Resp: 710049  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 110.4

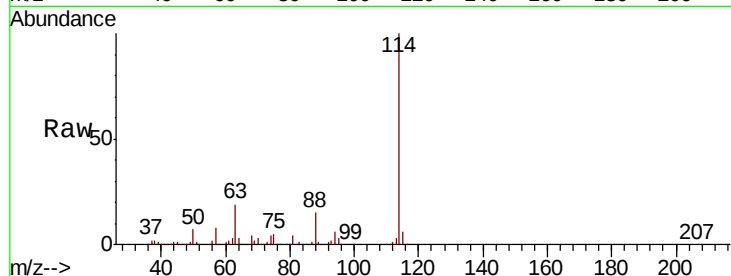




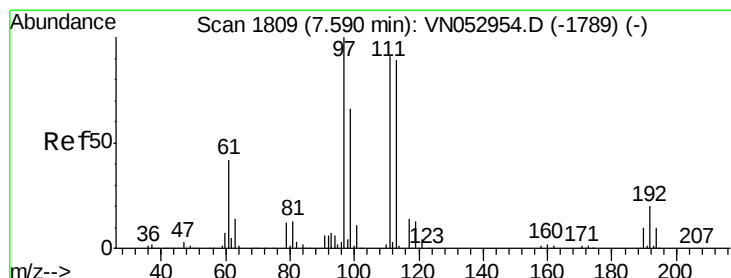
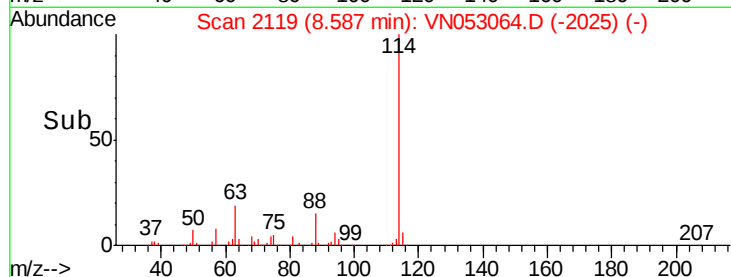
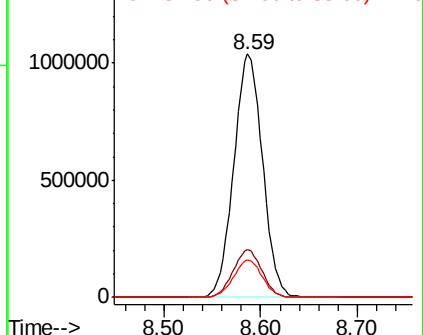
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN053064.D  
 Acq: 20 Dec 2018 18:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:114 Resp: 2144328  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.8  
 88 15.5 0.0 31.0

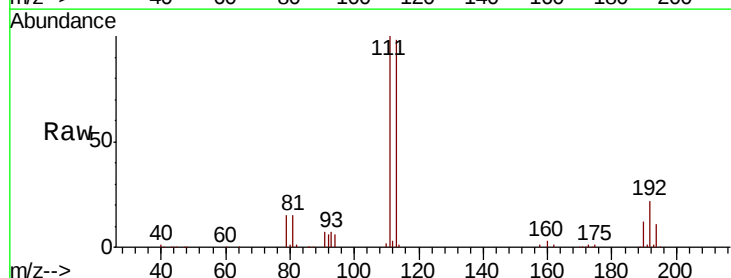


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

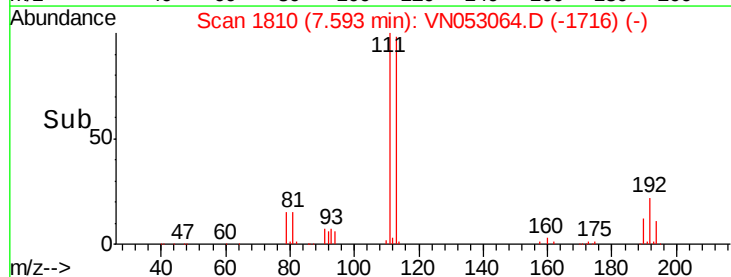
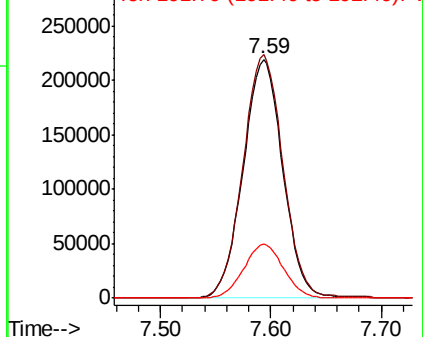


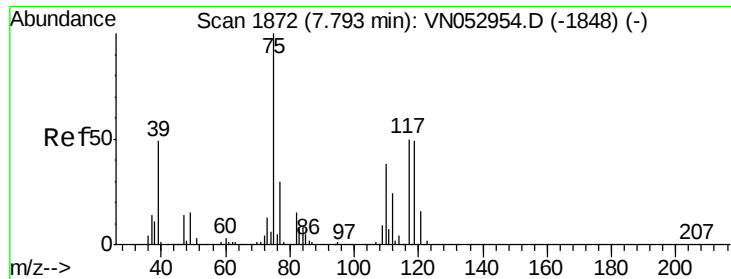
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN053064.D  
 Acq: 20 Dec 2018 18:35

Tgt Ion:113 Resp: 545929  
 Ion Ratio Lower Upper  
 113 100  
 111 103.7 83.0 124.4  
 192 22.8 17.5 26.3



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: 4.362 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :  
MSVOA\_N  
ClientSampled :

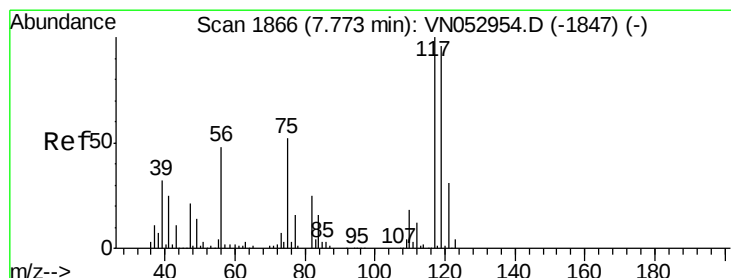
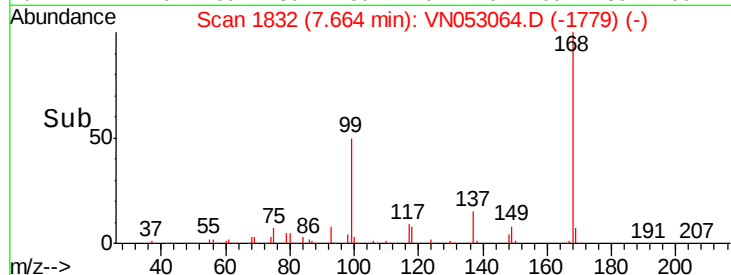
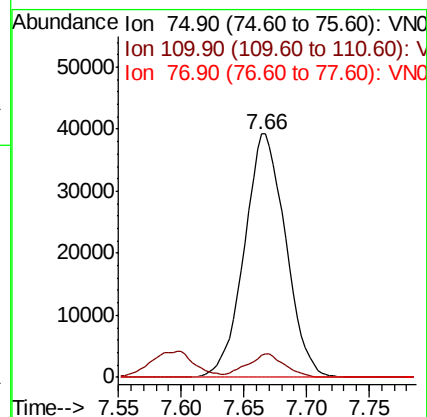
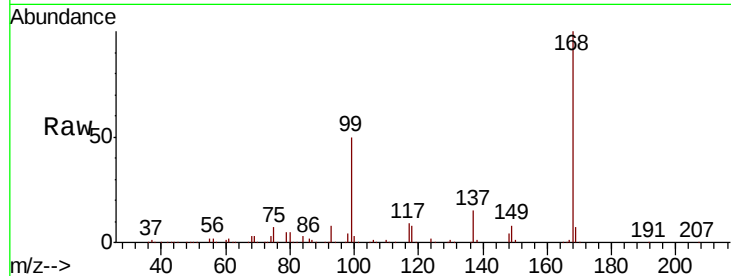
Tot Ion: 75 Resp: 89775

Ion Ratio Lower Upper

75 100

110 8.8 18.2 54.6#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.216 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

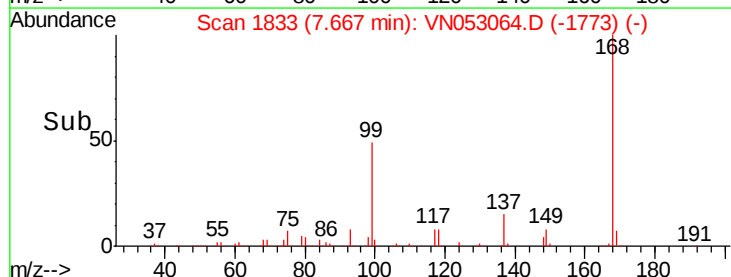
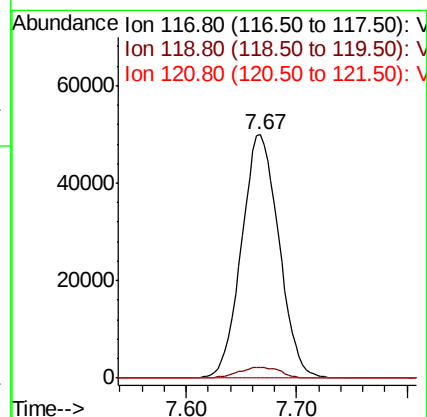
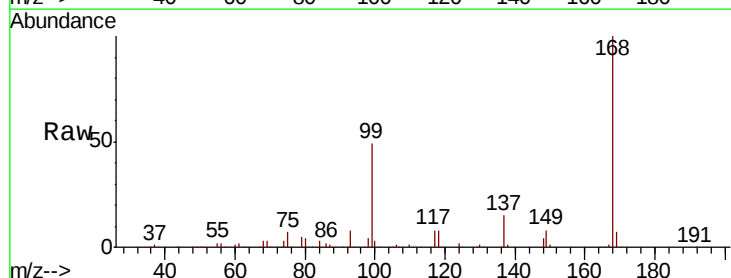
Tgt Ion: 117 Resp: 117273

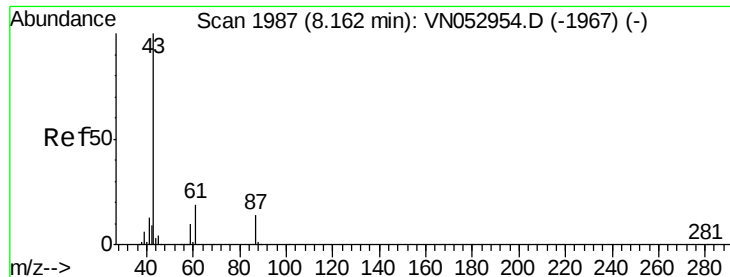
Ion Ratio Lower Upper

117 100

119 4.3 77.1 115.7#

121 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 2.525 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA\_N

ClientSampleId :

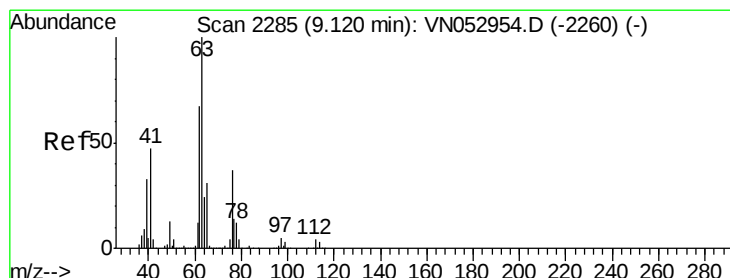
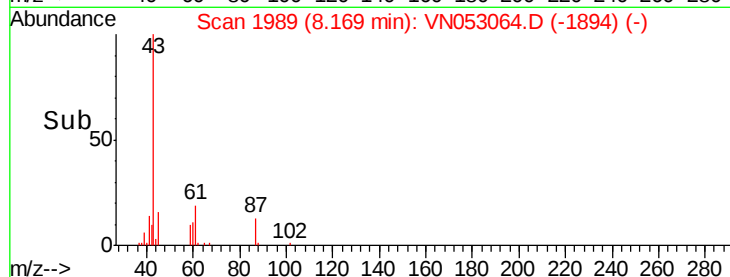
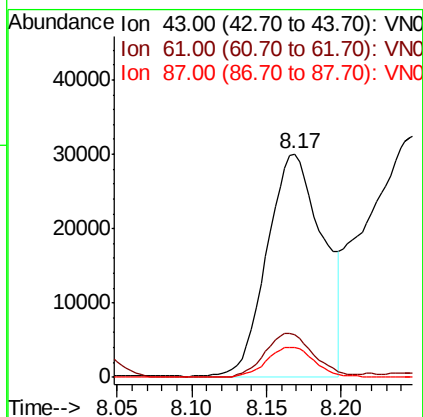
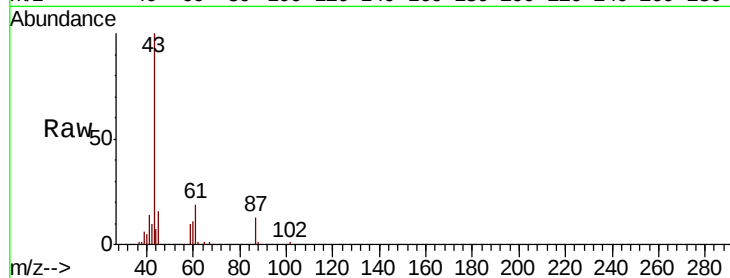
Tot Ion: 43 Resp: 78189

Ion Ratio Lower Upper

43 100

61 17.0 22.9 34.3#

87 11.3 10.6 15.8



#45

1,2-Dichloropropane

Concen: 0.248 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053064.D

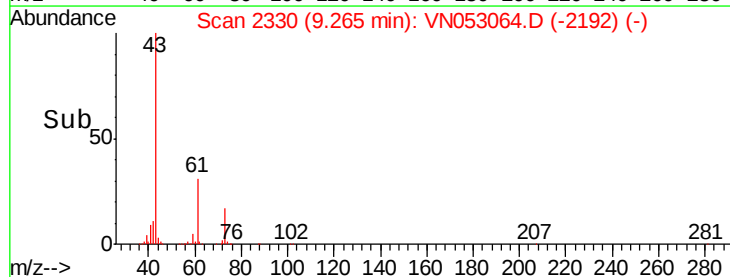
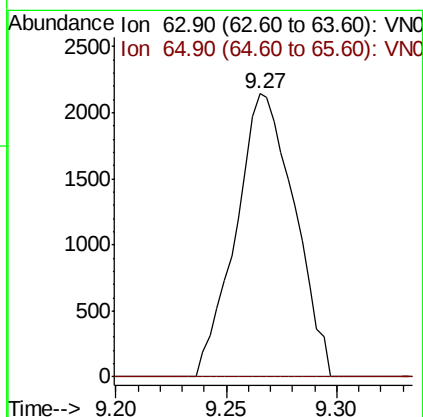
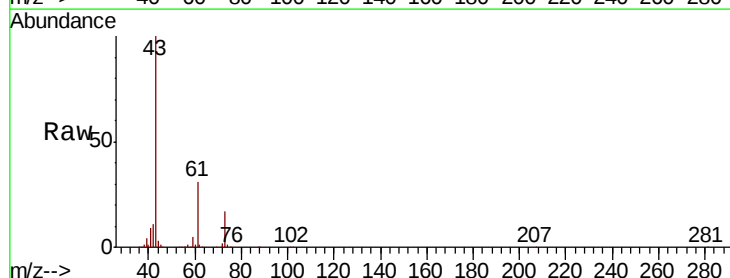
Acq: 20 Dec 2018 18:35

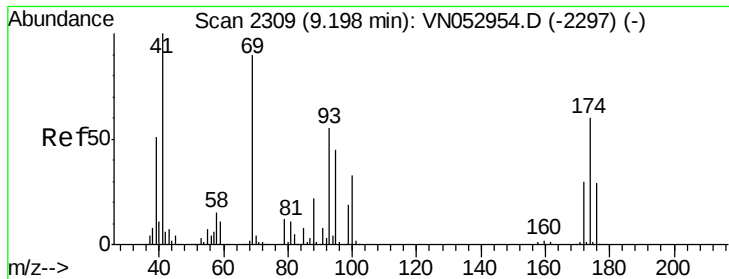
Tgt Ion: 63 Resp: 3961

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#

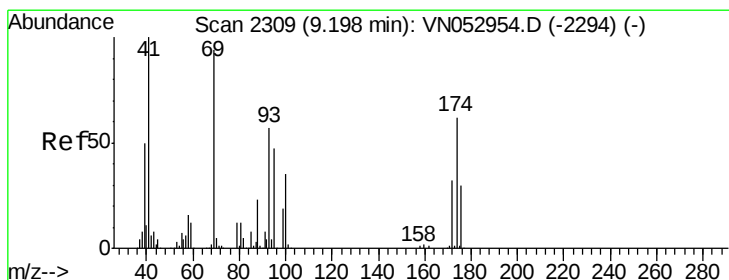
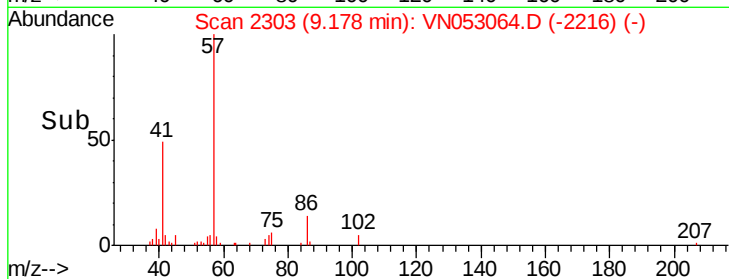
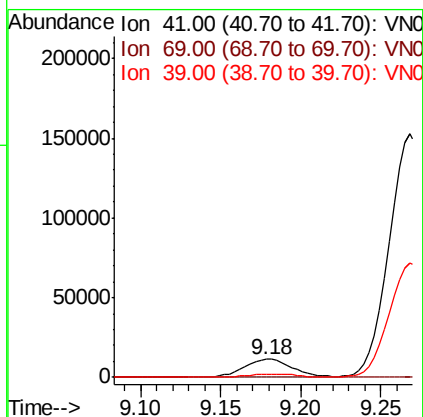
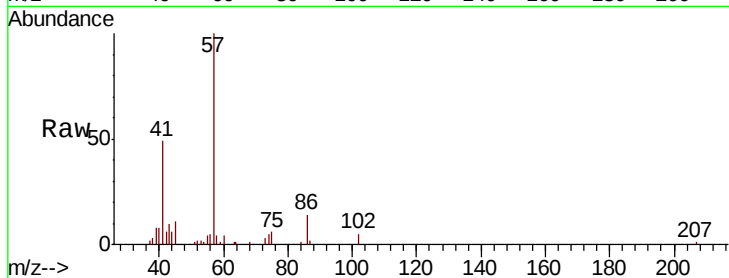




#48  
Methvl methacrylate  
Concen: 2.034 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.02 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

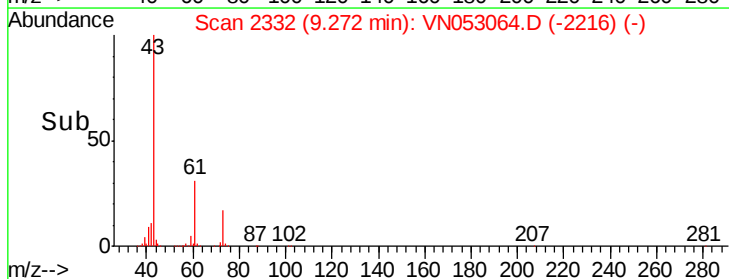
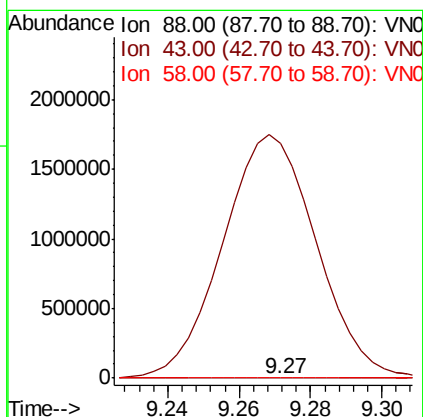
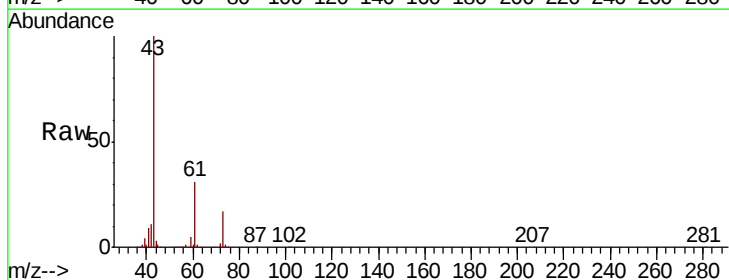
Instrument :  
MSVOA\_N  
ClientSampleId :

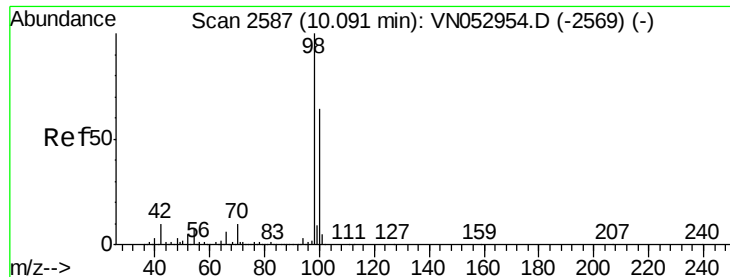
Tot Ion: 41 Resp: 22678  
Ion Ratio Lower Upper  
41 100  
69 0.0 72.2 108.2#  
39 18.9 41.9 62.9#



#49  
1,4-Dioxane  
Concen: 3.694 ug/l  
RT: 9.27 min Scan# 2332  
Delta R.T. 0.07 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

Tgt Ion: 88 Resp: 521  
Ion Ratio Lower Upper  
88 100  
43 613175.2 26.6 40.0#  
58 2493.9 58.4 87.6#





#50

Toluene-d8

Concen: 3.694 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA\_N

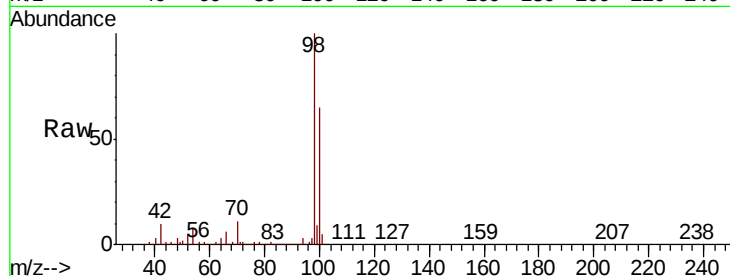
ClientSampled :

Tot Ion: 98 Resp: 2587994

Ion Ratio Lower Upper

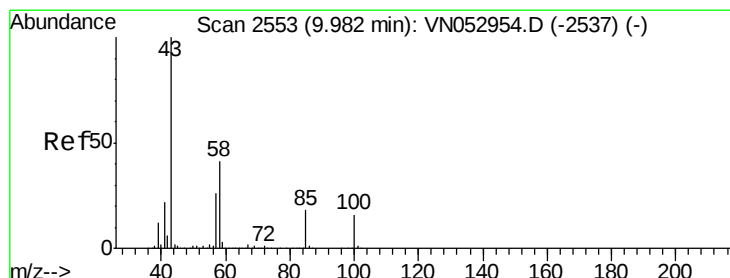
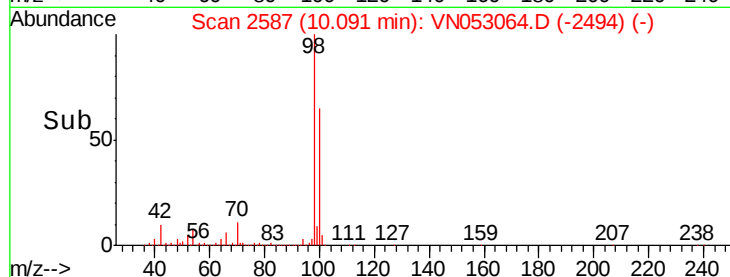
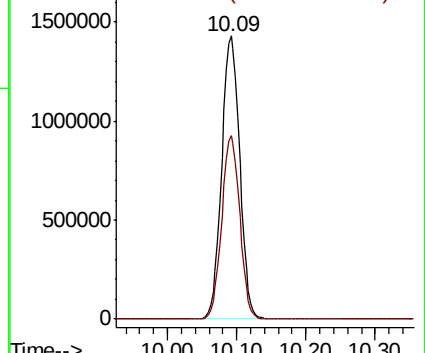
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 2.549 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053064.D

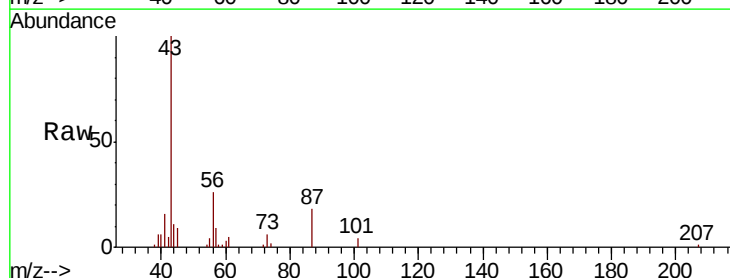
Acq: 20 Dec 2018 18:35

Tgt Ion: 43 Resp: 28368

Ion Ratio Lower Upper

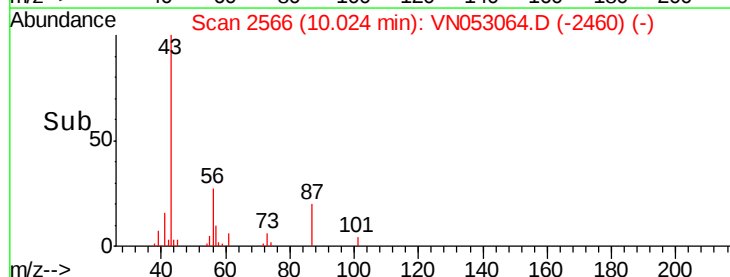
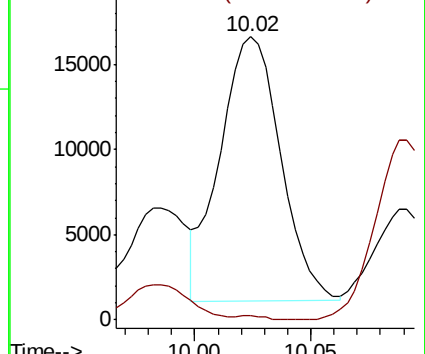
43 100

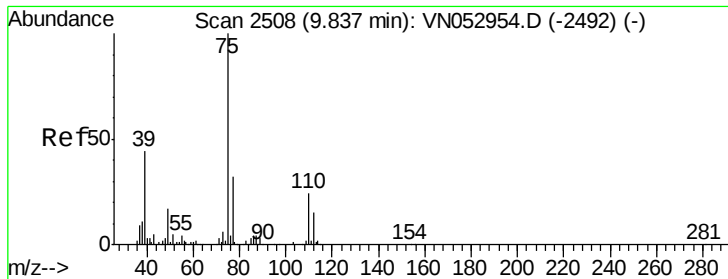
58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



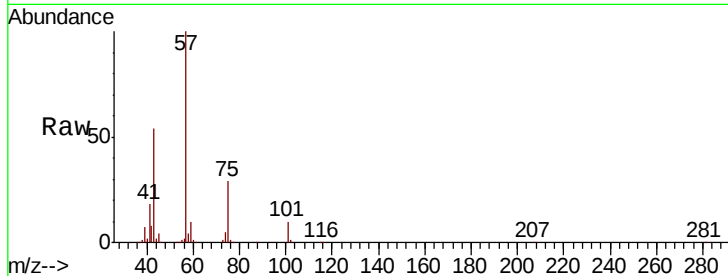


#54

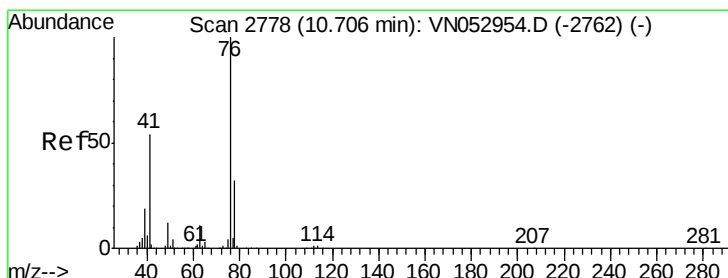
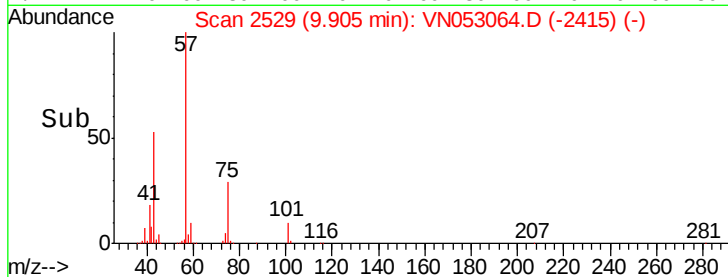
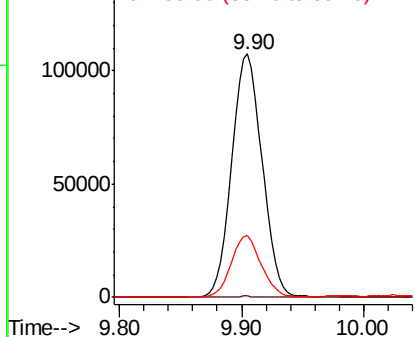
cis-1,3-Dichloropropene  
 Concen: 7.832 ug/l  
 RT: 9.90 min Scan# 2529  
 Delta R.T. 0.07 min  
 Lab File: VN053064.D  
 Acq: 20 Dec 2018 18:35

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.5   | 25.8  | 38.8# |
| 39      | 25.2  | 34.8  | 52.2# |



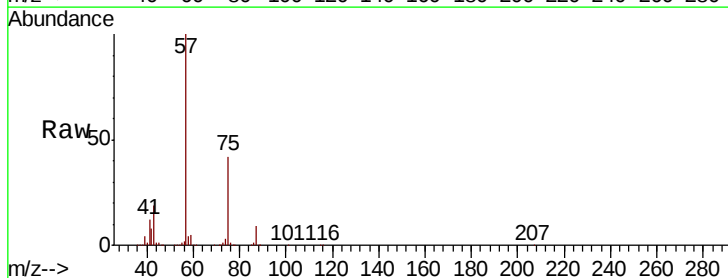
Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 76.90 (76.60 to 77.60): VN0  
 Ion 39.00 (38.70 to 39.70): VN0



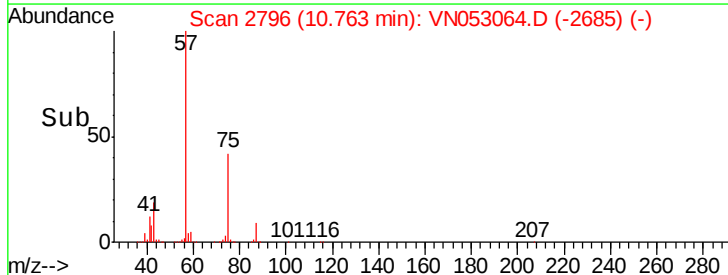
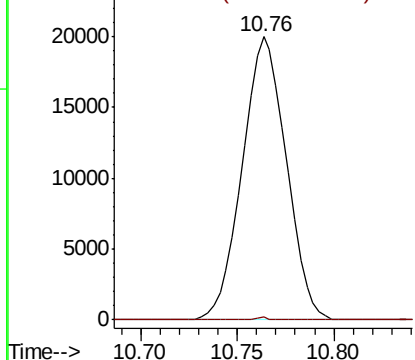
#57

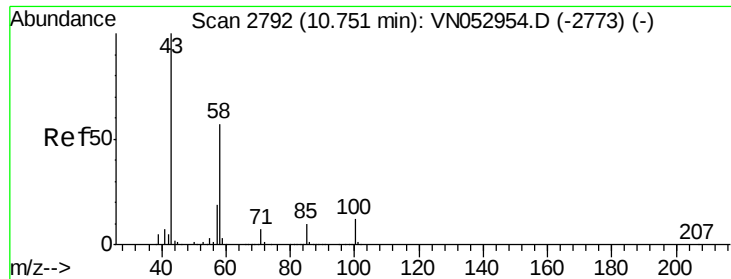
1,3-Dichloropropane  
 Concen: 1.394 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.06 min  
 Lab File: VN053064.D  
 Acq: 20 Dec 2018 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 0.2   | 25.8  | 38.8# |



Abundance Ion 75.90 (75.60 to 76.60): VN0  
 Ion 77.90 (77.60 to 78.60): VN0

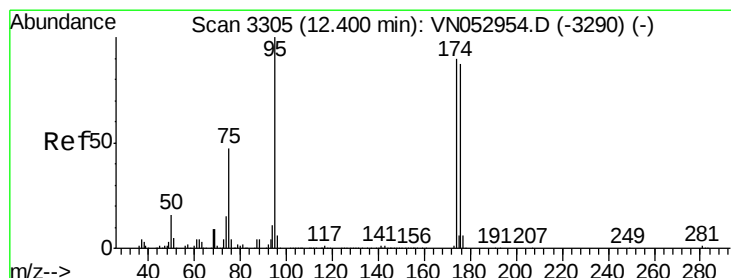
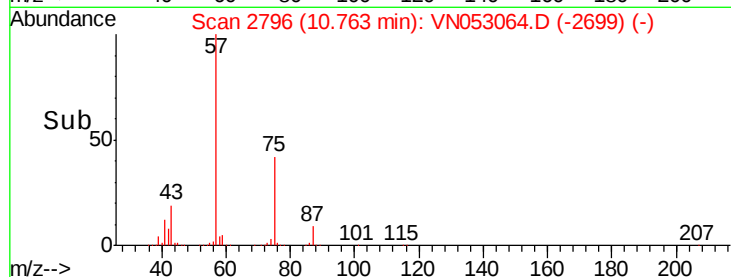
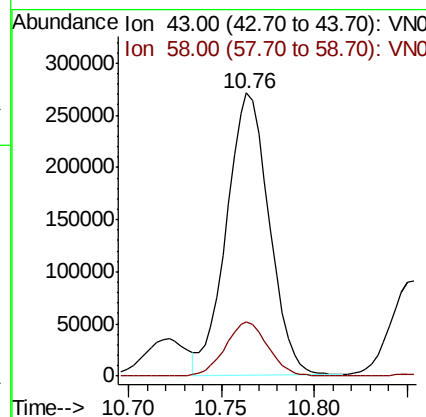
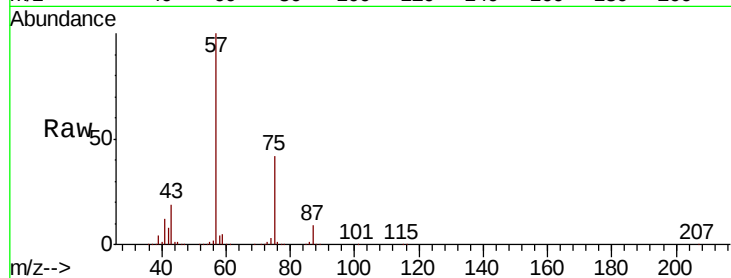




#59  
2-Hexanone  
Concen: 57.276 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

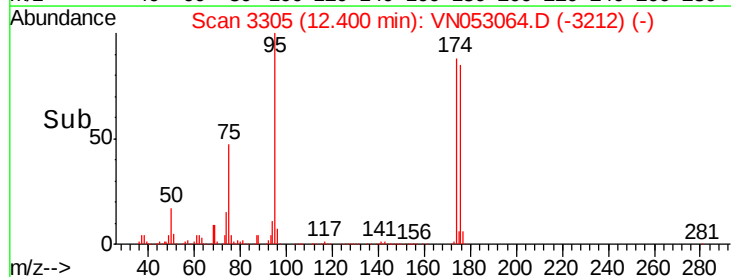
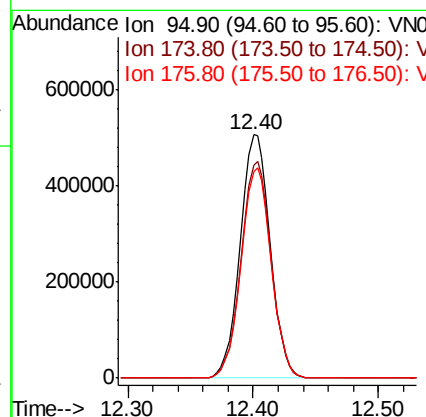
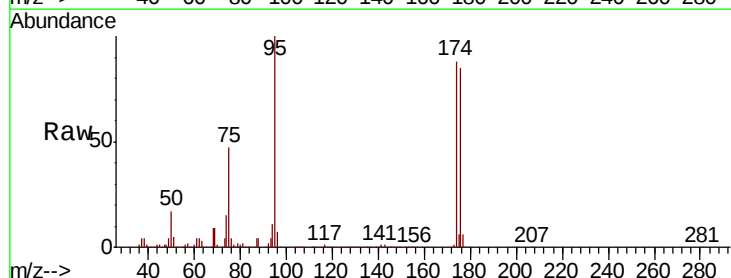
Instrument :  
MSVOA\_N  
ClientSampled :

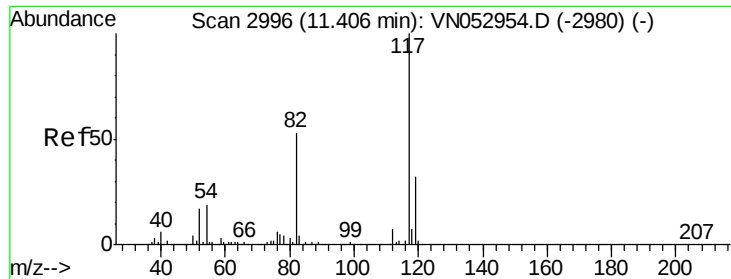
Tot Ion: 43 Resp: 431191  
Ion Ratio Lower Upper  
43 100  
58 19.3 28.1 84.3#



#62  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

Tgt Ion: 95 Resp: 839795  
Ion Ratio Lower Upper  
95 100  
174 89.2 0.0 178.8  
176 86.5 0.0 173.8

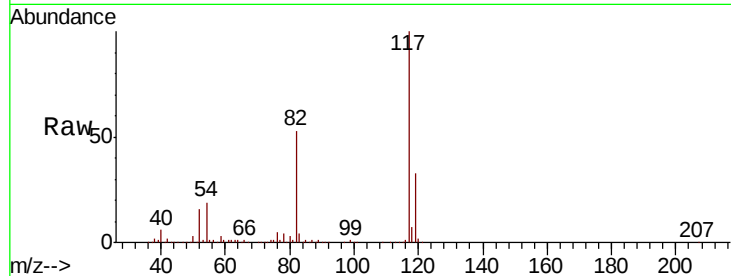




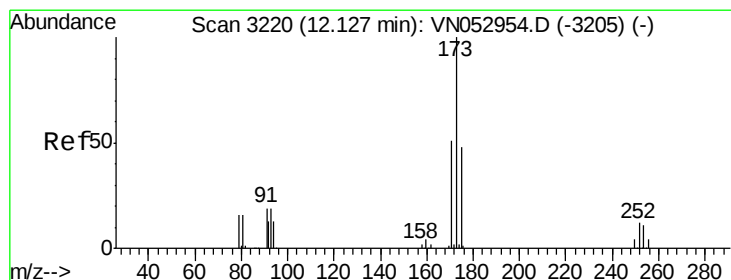
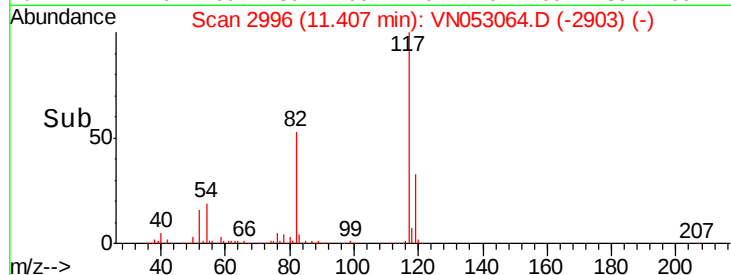
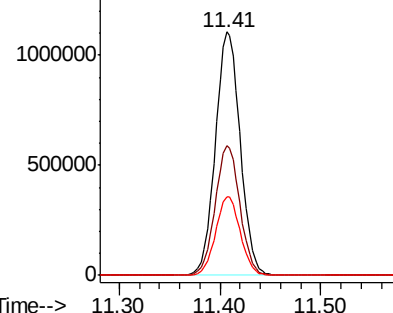
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1894954  
Ion Ratio Lower Upper  
117 100  
82 53.4 42.8 64.2  
119 32.5 25.5 38.3

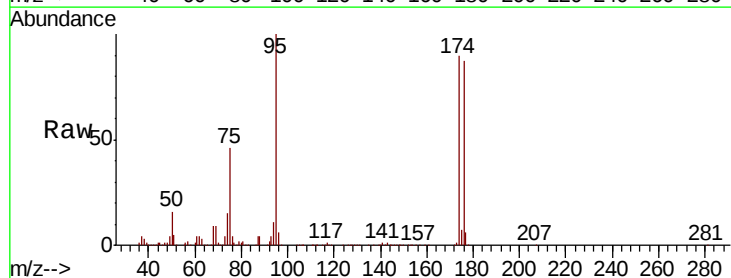


Abundance Ion 116.90 (116.60 to 117.60): V  
1500000 Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

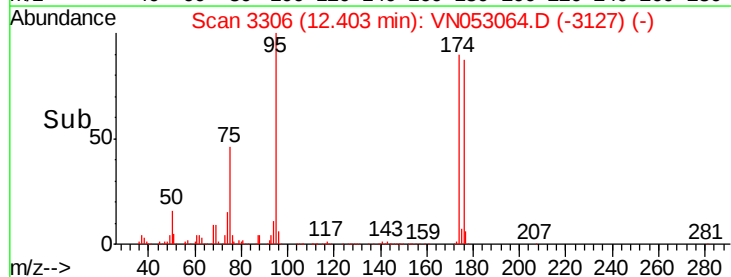
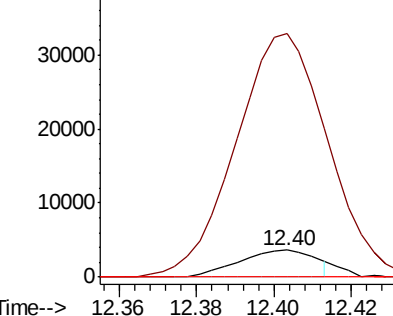


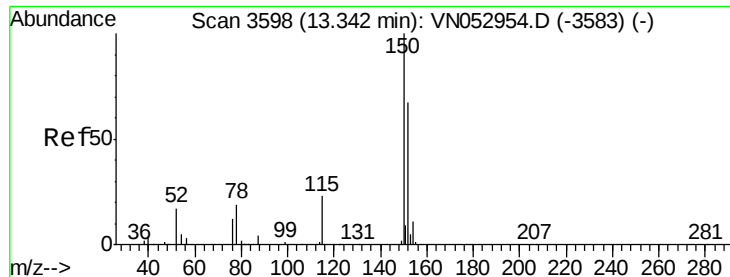
#71  
Bromoform  
Concen: 0.477 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.28 min  
Lab File: VN053064.D  
Acq: 20 Dec 2018 18:35

Tgt Ion:173 Resp: 5029  
Ion Ratio Lower Upper  
173 100  
175 942.8 24.3 72.9#  
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V  
40000 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: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA\_N

ClientSampled :

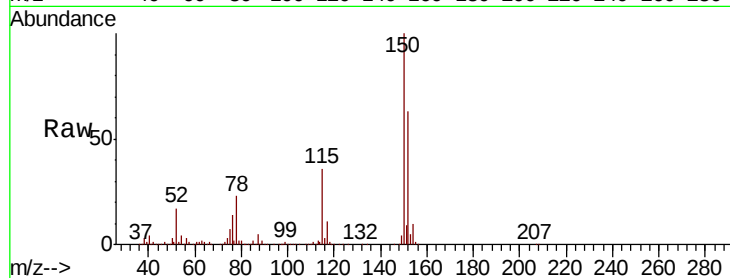
Tot Ion:152 Resp: 750274

Ion Ratio Lower Upper

152 100

115 56.9 28.3 85.0

150 157.5 0.0 347.8

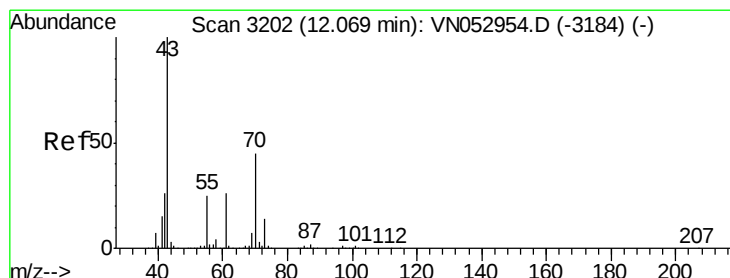
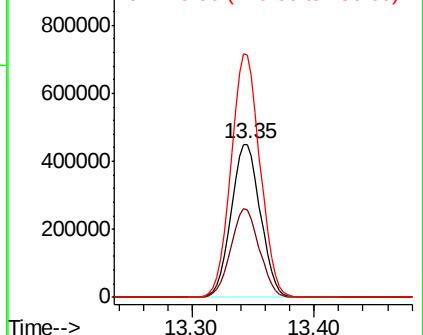
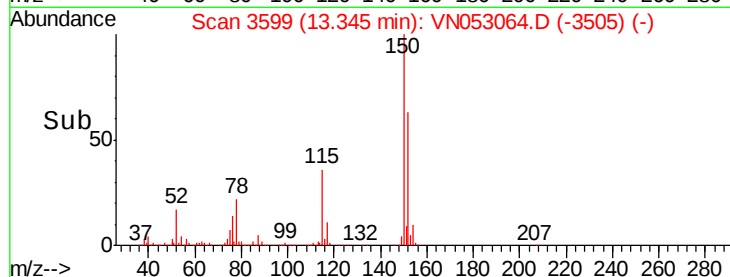


Abundance

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



#74

N-ethyl acetate

Concen: 3.289 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

Tgt Ion: 43 Resp: 53608

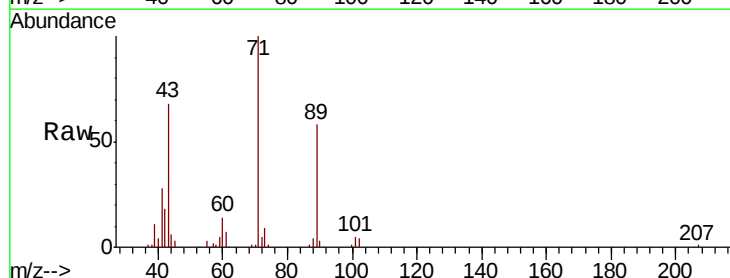
Ion Ratio Lower Upper

43 100

70 1.5 34.2 51.4#

55 4.5 20.3 30.5#

61 11.4 20.0 30.0#



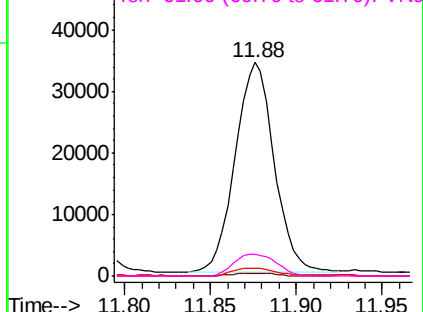
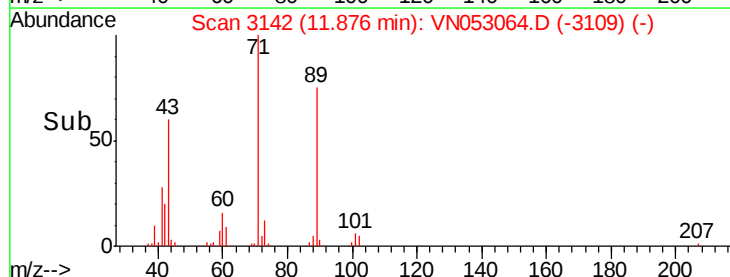
Abundance

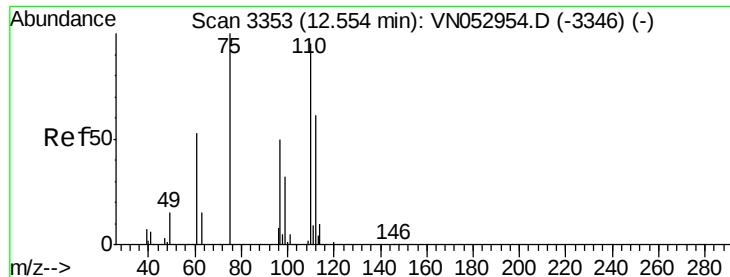
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 31.060 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA\_N

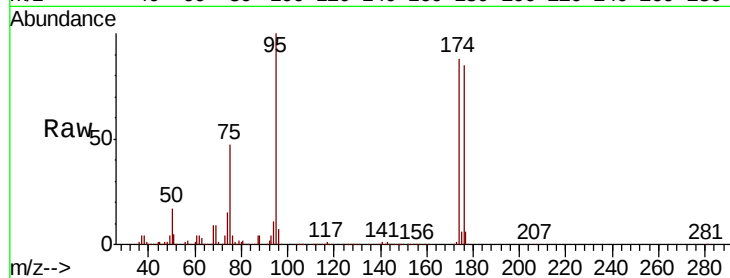
ClientSampled :

Tot Ion: 75 Resp: 392286

Ion Ratio Lower Upper

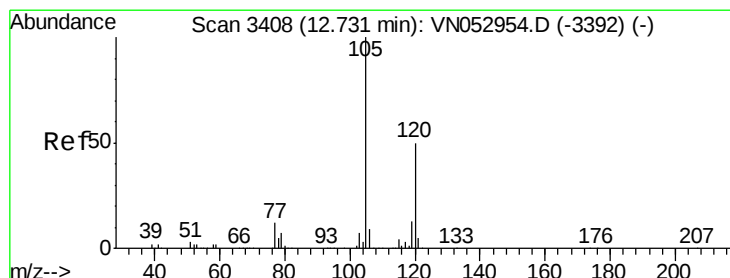
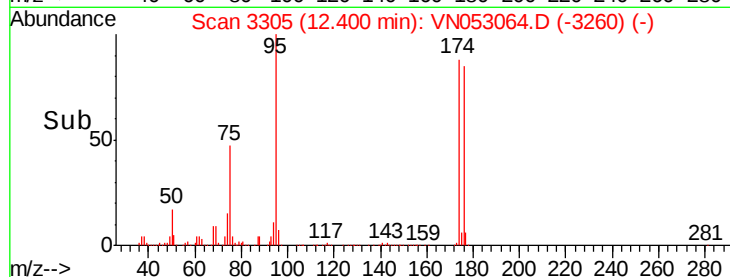
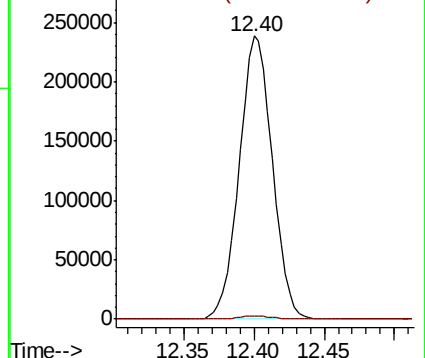
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.254 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053064.D

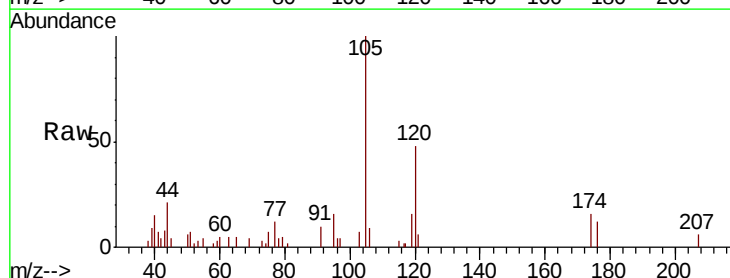
Acq: 20 Dec 2018 18:35

Tgt Ion: 105 Resp: 12143

Ion Ratio Lower Upper

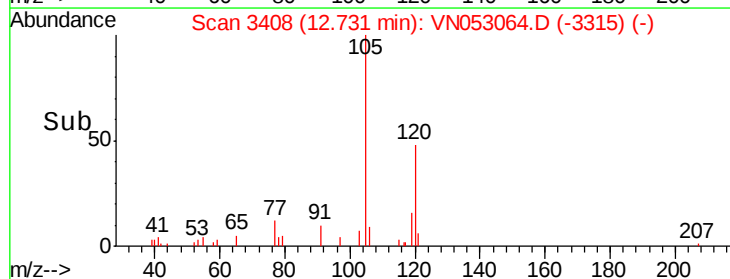
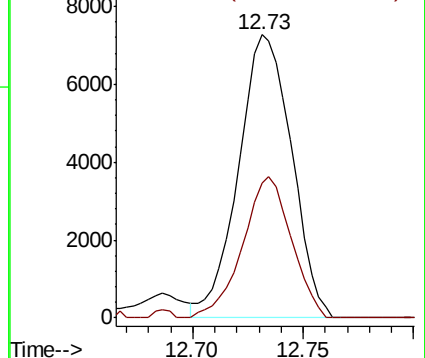
105 100

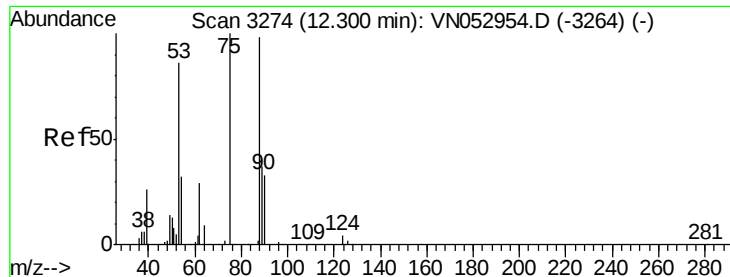
120 45.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 100.109 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA\_N

ClientSampleId :

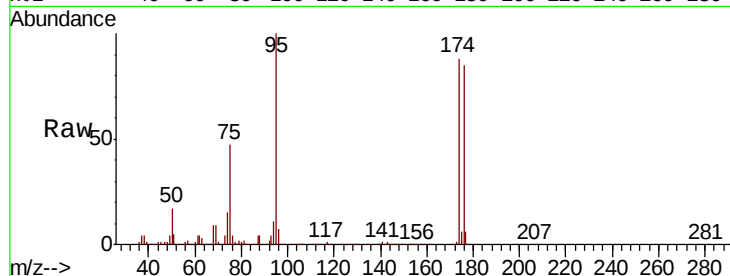
Tot Ion: 75 Resp: 392286

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

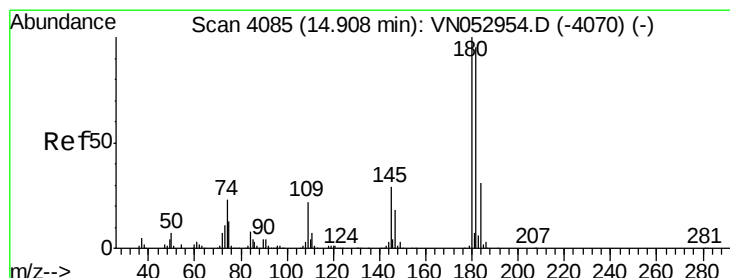
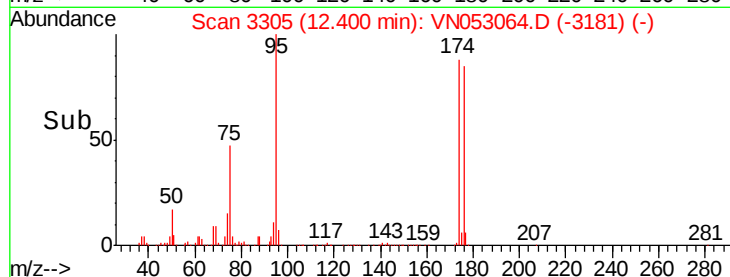
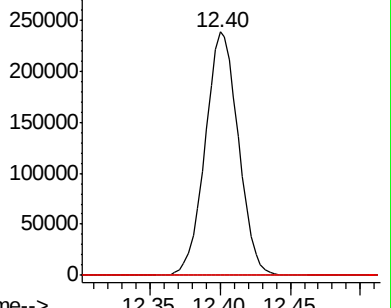
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN053064.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053064.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053064.D (-3181) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.616 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

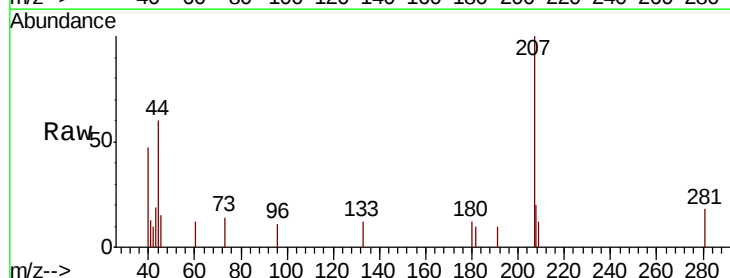
Tgt Ion: 180 Resp: 278

Ion Ratio Lower Upper

180 100

182 82.7 47.8 143.3

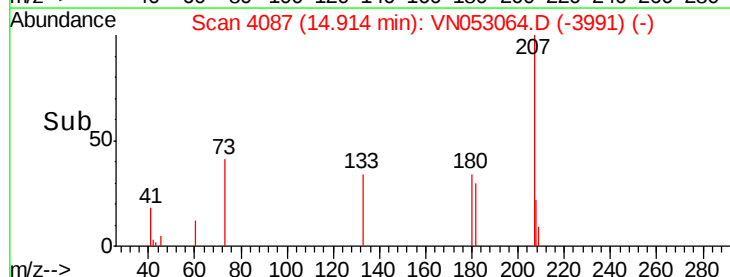
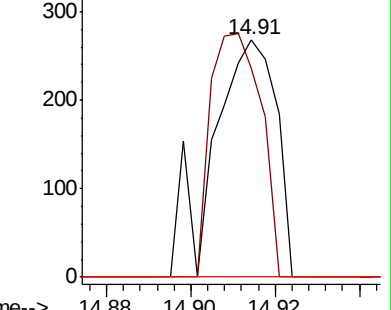
145 0.0 14.2 42.6#

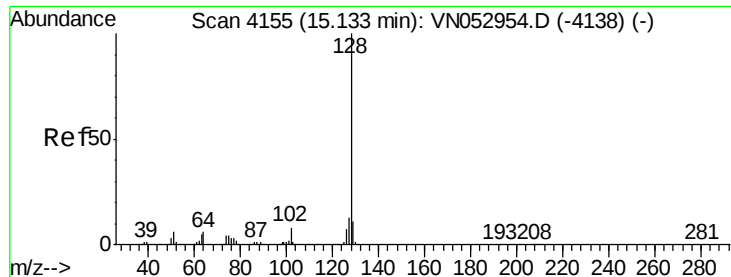


Abundance Ion 179.80 (179.50 to 180.50): VN053064.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN053064.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN053064.D (-3991) (-)





#95

Naphthalene

Concen: 1.181 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA\_N

ClientSampleId :

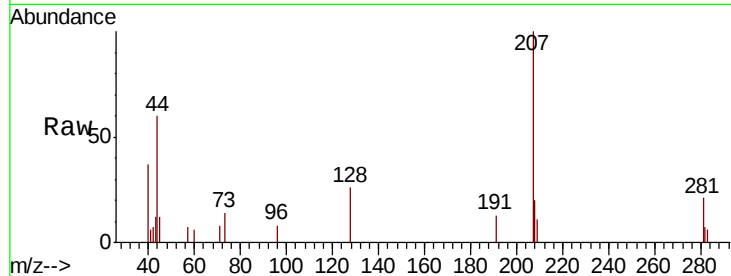
Tot Ion:128 Resp: 1033

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

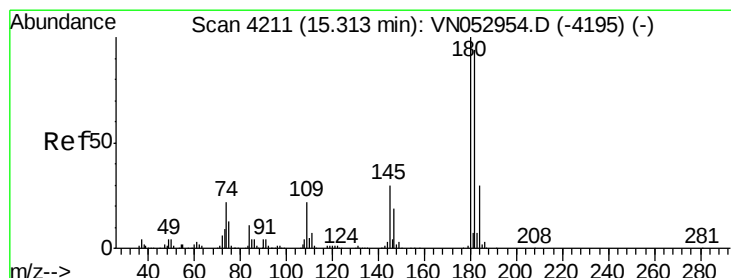
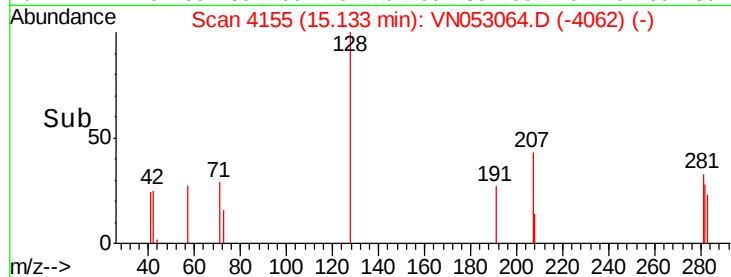
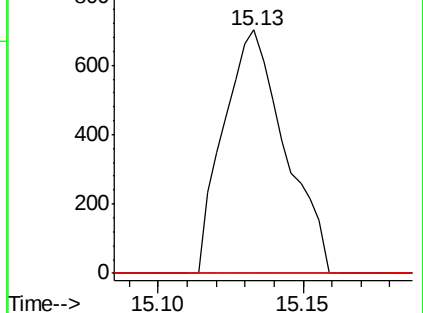
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.528 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

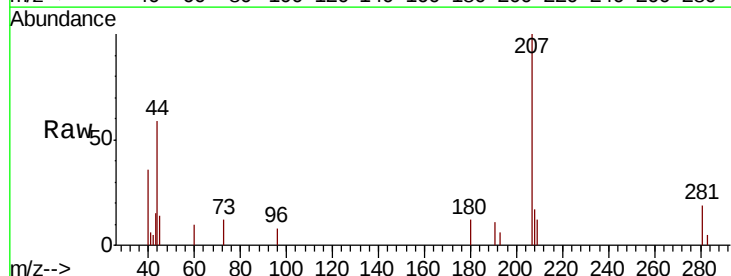
Tgt Ion:180 Resp: 251

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 0.0 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

