

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\  
 Data File : VN049590.D  
 Acq On : 28 Jun 2018 15:25  
 Operator : MD\SY  
 Sample : PB110627ZHE#13  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 29 01:38:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1133616  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1835432  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1464211  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 540959   | 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   | 756696   | 50.33 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.66% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 620951   | 41.82 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 83.64%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2434545  | 43.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.12%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 669500   | 35.81 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 71.62%  |          |

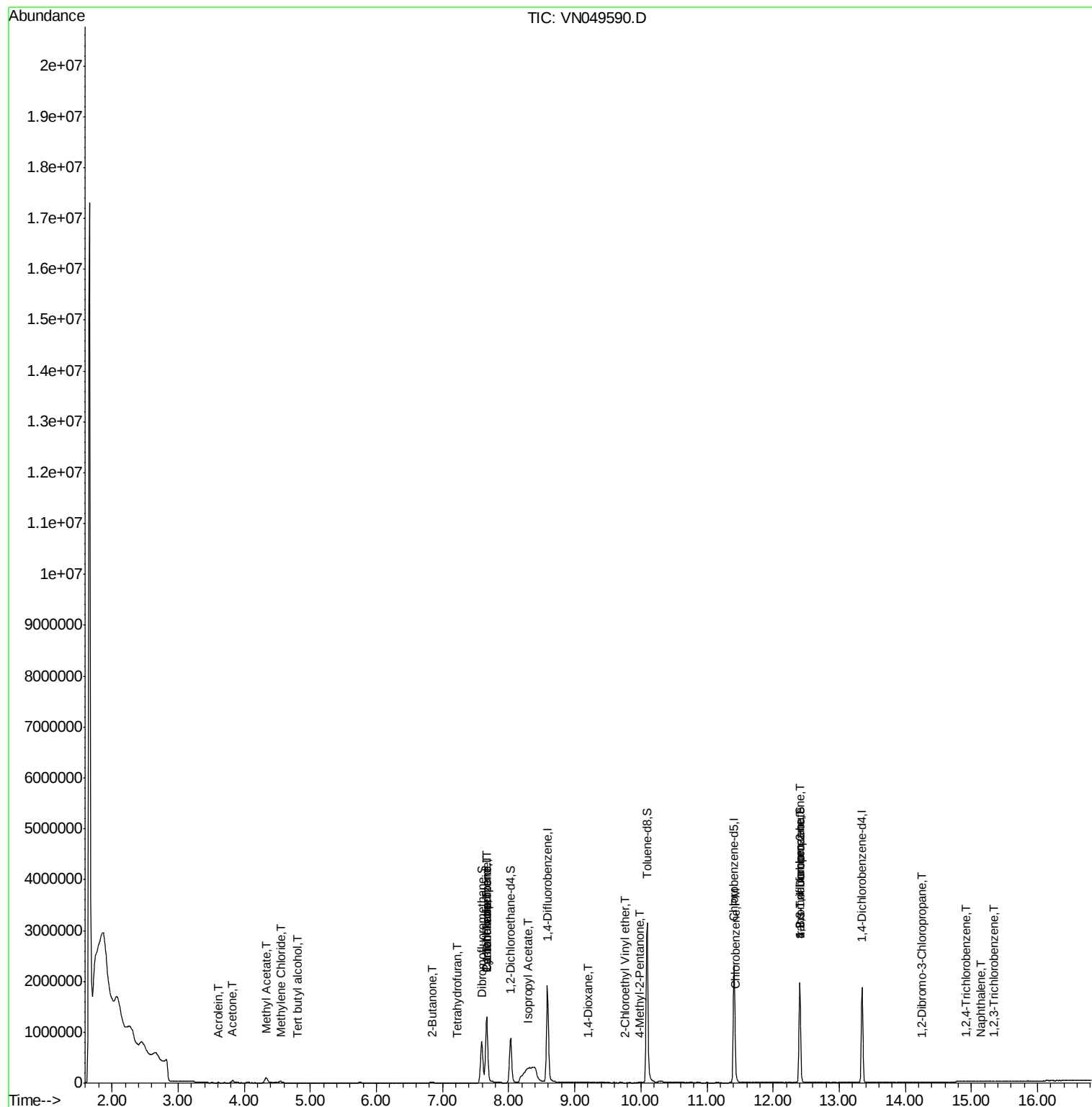
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.80  | 59   | 496      | 0.56      | ug/l # | 70     |
| 13) Acrolein                   | 3.62  | 56   | 3042     | 3.29      | ug/l # | 39     |
| 16) Acetone                    | 3.82  | 43   | 78759    | 21.57     | ug/l # | 87     |
| 18) Methyl Acetate             | 4.33  | 43   | 203434   | 18.28     | ug/l # | 94     |
| 20) Methylene Chloride         | 4.54  | 84   | 21188    | 1.39      | ug/l # | 75     |
| 25) 2-Butanone                 | 6.84  | 43   | 4475     | 0.91      | ug/l # | 80     |
| 29) Tetrahydrofuran            | 7.22  | 42   | 4364     | 1.38      | ug/l # | 56     |
| 31) Cyclohexane                | 7.67  | 56   | 19845    | 0.72      | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 77767    | 3.70      | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 100447   | 4.61      | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.29  | 43   | 557159   | 25.50     | ug/l # | 64     |
| 49) 1,4-Dioxane                | 9.20  | 88   | 197      | 1.39      | ug/l # | 66     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 4206     | 0.37      | ug/l # | 78     |
| 58) 2-Chloroethyl Vinyl ether  | 9.76  | 63   | 64       | 14.34     | ug/l # | 51     |
| 65) Chlorobenzene              | 11.44 | 112  | 12638    | 0.34      | ug/l   | 96     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 193      | Below Cal | #      | 26     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 327792   | 35.51     | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 327792   | 112.24    | ug/l # | 9      |
| 90) Hexachloroethane           | 13.86 | 117  | 80       | Below Cal | #      | 9      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 1268     | 0.77      | ug/l # | 4      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 540      | 4.80      | ug/l # | 61     |
| 95) Naphthalene                | 15.13 | 128  | 1454     | 2.18      | ug/l # | 74     |
| 96) 1,2,3-Trichlorobenzene     | 15.33 | 180  | 511      | 3.51      | ug/l   | 61     |

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:02:01 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

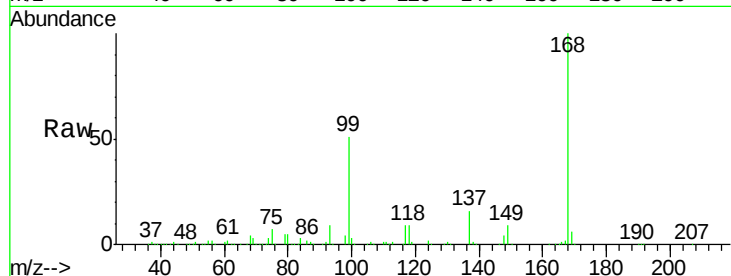
ClientSampleId :

Tot Ion:168 Resp: 1133616

Ion Ratio Lower Upper

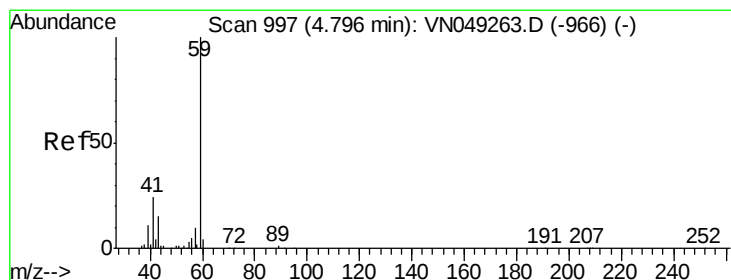
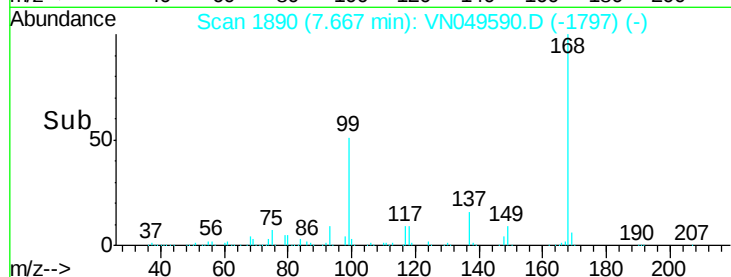
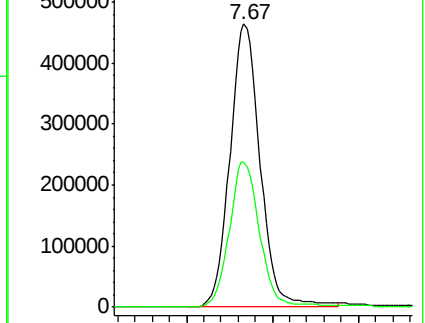
168 100

99 51.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.56 ug/l

RT: 4.80 min Scan# 997

Delta R.T. 0.00 min

Lab File: VN049590.D

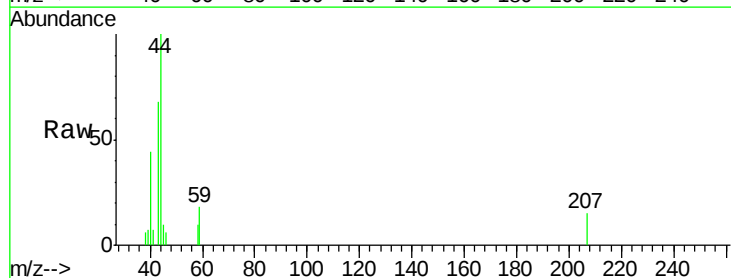
Acq: 28 Jun 2018 15:25

Tgt Ion: 59 Resp: 496

Ion Ratio Lower Upper

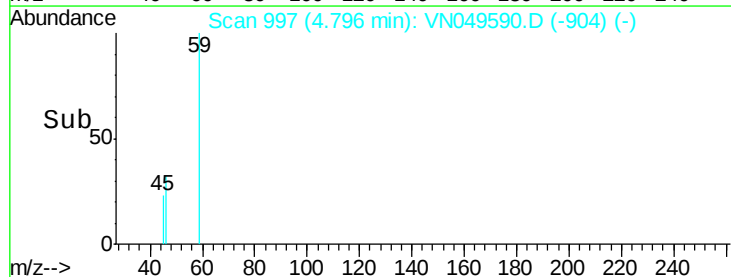
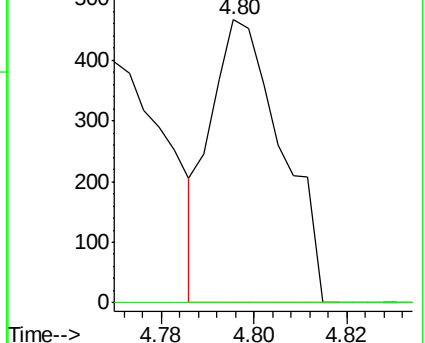
59 100

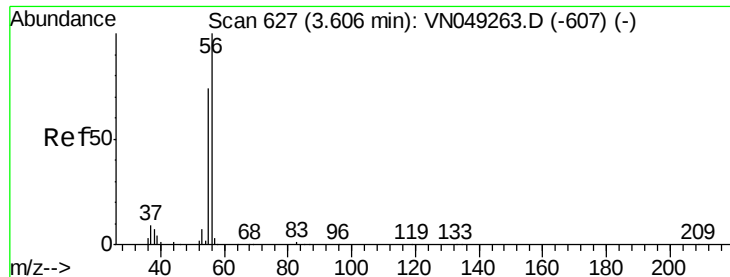
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 3.29 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

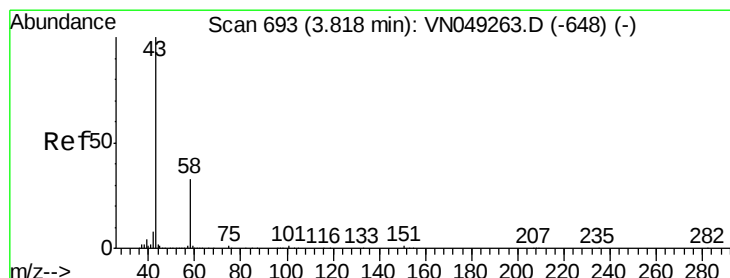
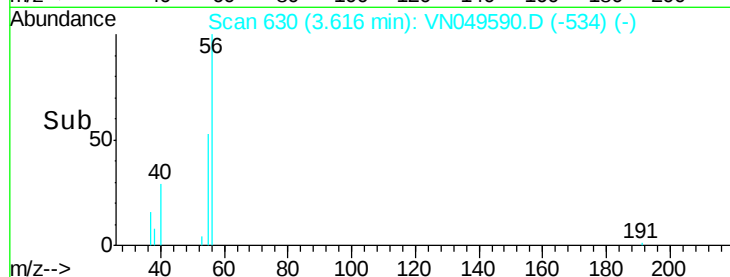
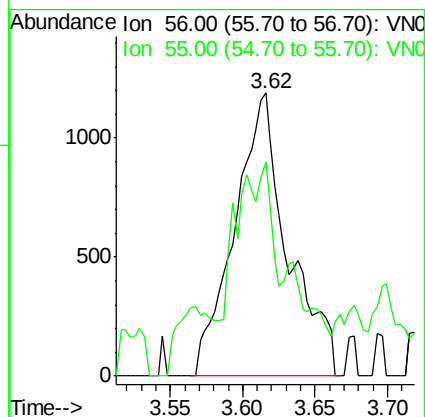
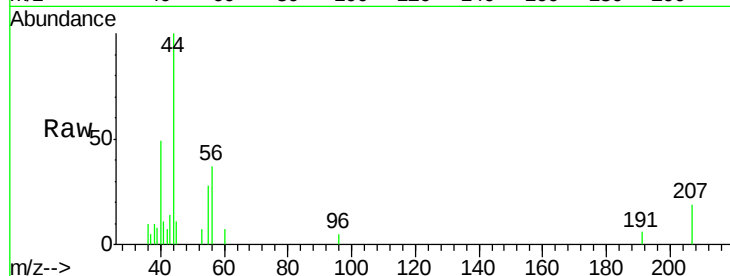
ClientSampleId :

Tot Ion: 56 Resp: 3042

Ion Ratio Lower Upper

56 100

55 21.0 57.1 85.7#



#16

Acetone

Concen: 21.57 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049590.D

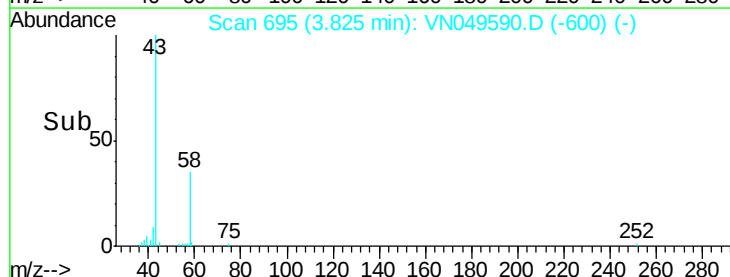
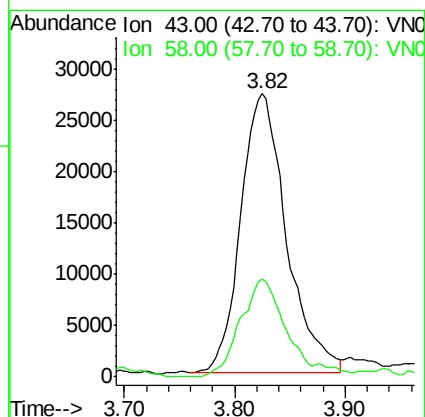
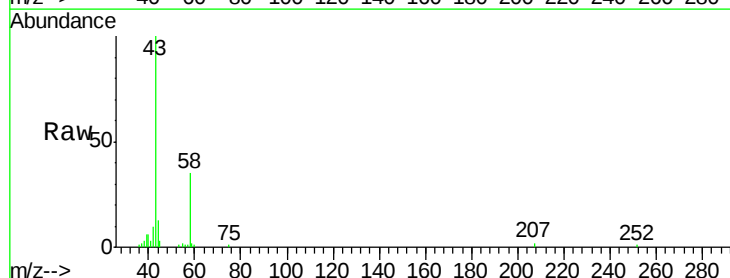
Acq: 28 Jun 2018 15:25

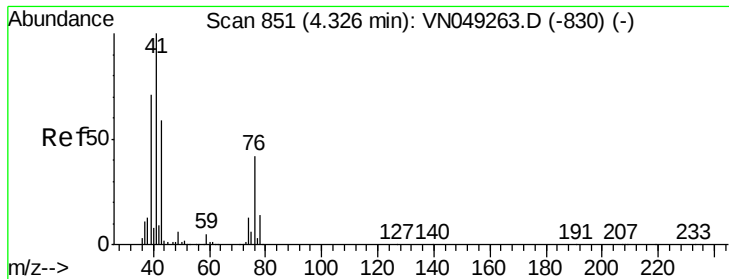
Tgt Ion: 43 Resp: 78759

Ion Ratio Lower Upper

43 100

58 35.0 22.4 33.6#

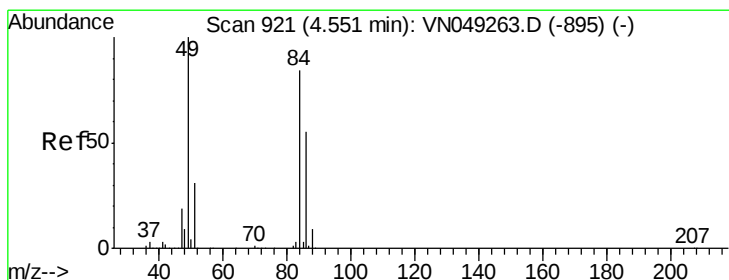
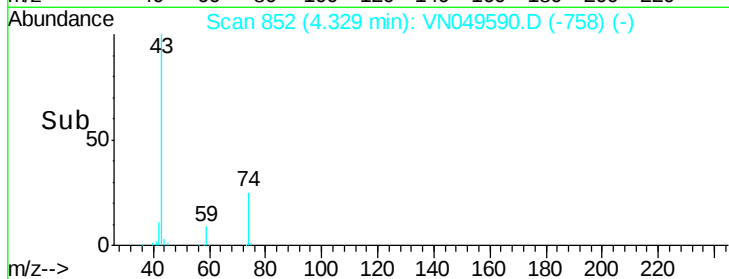
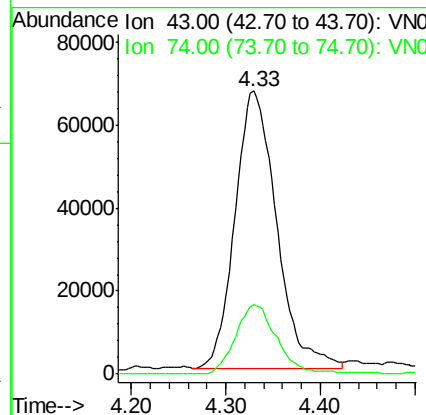
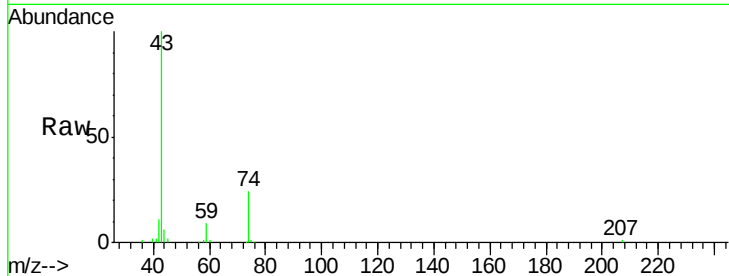




#18  
Methvl Acetate  
Concen: 18.28 ug/l  
RT: 4.33 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

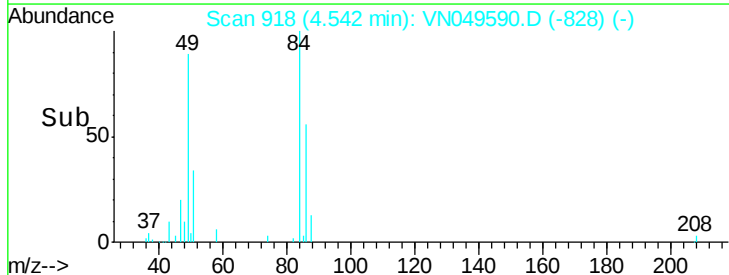
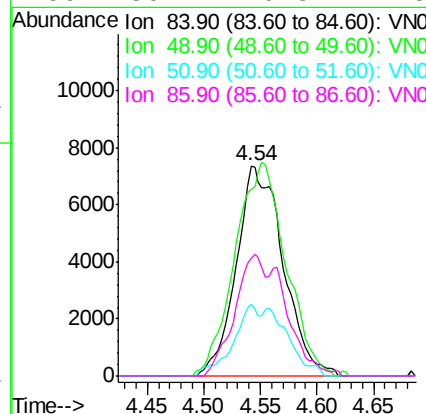
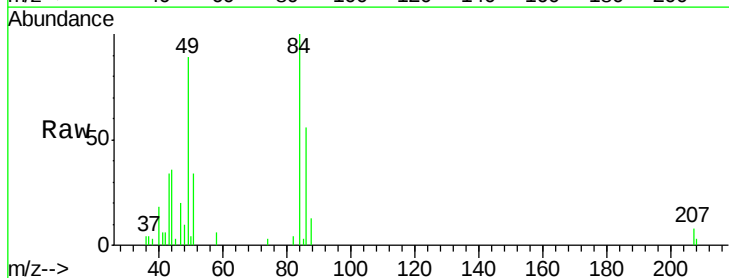
Instrument :  
MSVOA\_N  
ClientSampled :

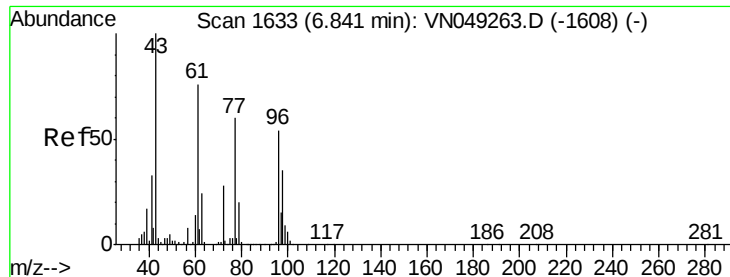
Tot Ion: 43 Resp: 203434  
Ion Ratio Lower Upper  
43 100  
74 24.5 17.4 26.0



#20  
Methylene Chloride  
Concen: 1.39 ug/l  
RT: 4.54 min Scan# 918  
Delta R.T. -0.01 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

Tgt Ion: 84 Resp: 21188  
Ion Ratio Lower Upper  
84 100  
49 88.6 106.9 160.3#  
51 33.8 32.7 49.1  
86 56.2 49.8 74.8





#25

2-Butanone

Concen: 0.91 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

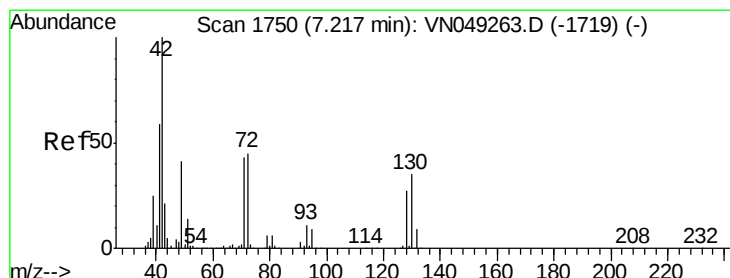
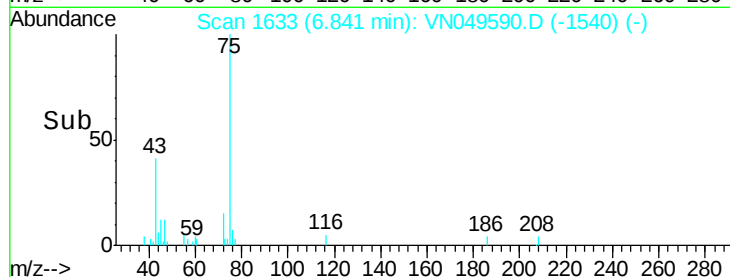
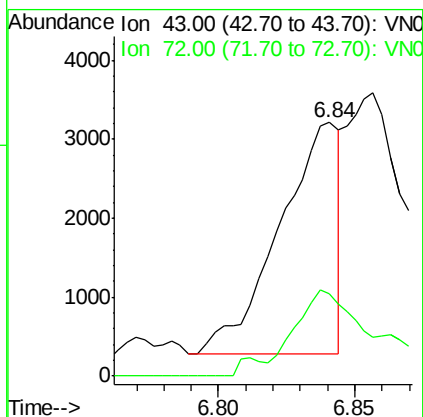
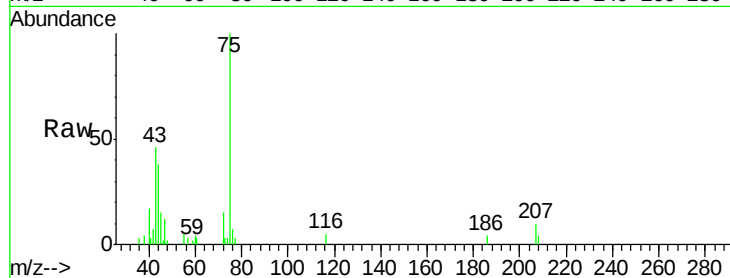
ClientSampled :

Tot Ion: 43 Resp: 4475

Ion Ratio Lower Upper

43 100

72 35.5 20.2 30.2#



#29

Tetrahydrofuran

Concen: 1.38 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

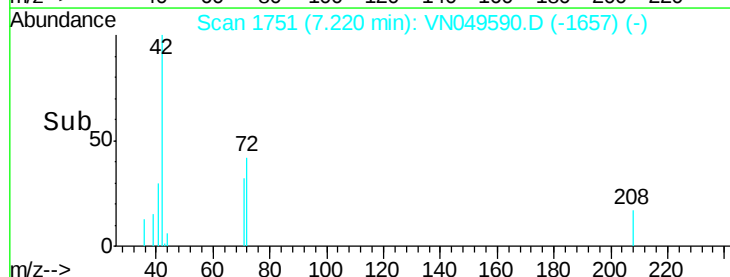
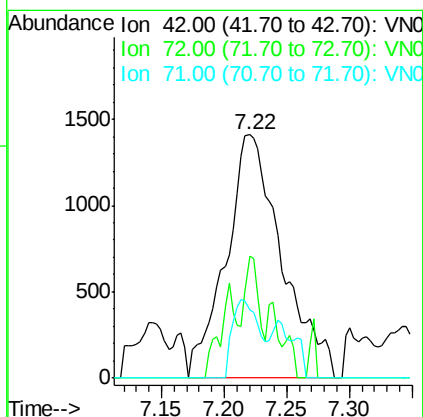
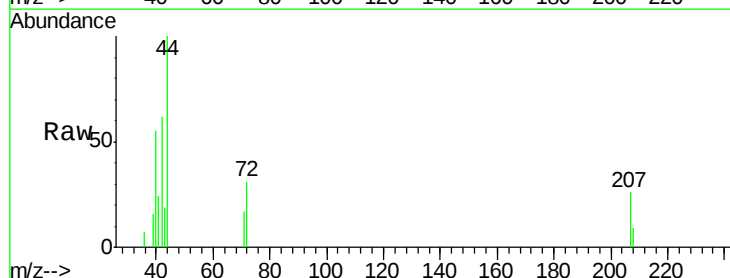
Tgt Ion: 42 Resp: 4364

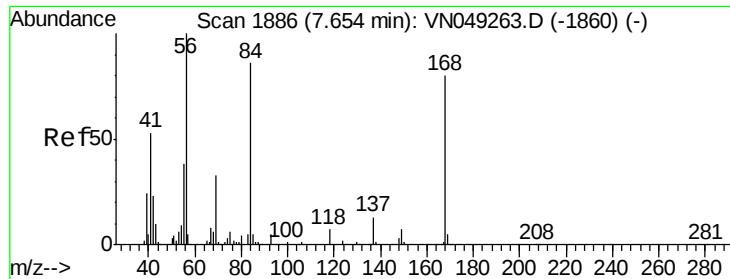
Ion Ratio Lower Upper

42 100

72 9.7 32.2 48.4#

71 15.1 30.5 45.7#

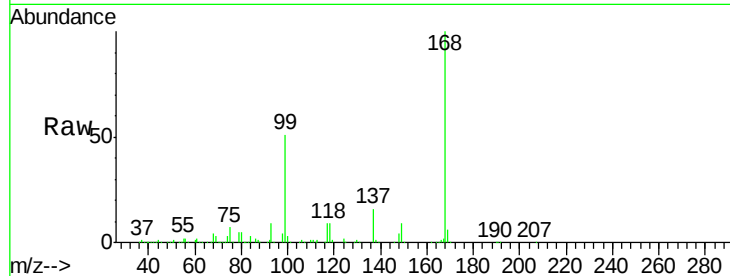




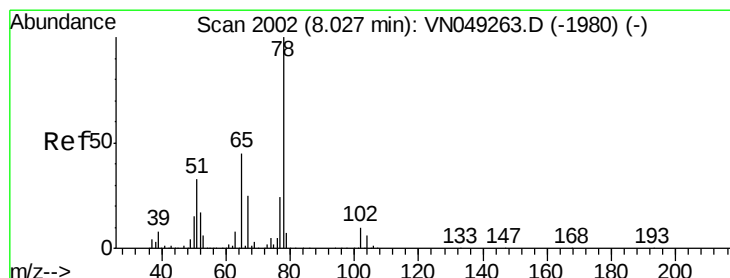
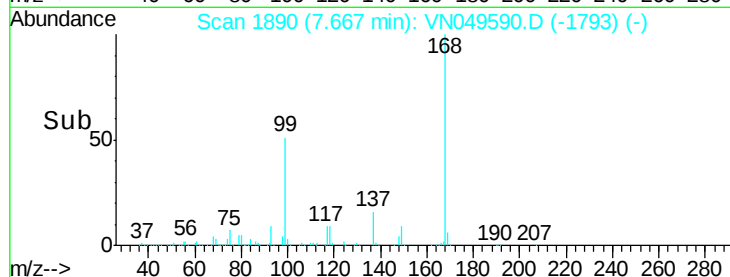
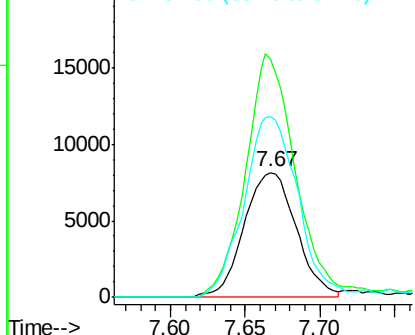
#31  
Cyclohexane  
Concen: 0.72 ug/l  
RT: 7.67 min Scan# 1890  
Delta R.T. 0.01 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 19845  
Ion Ratio Lower Upper  
56 100  
69 191.5 25.0 37.4#  
84 145.5 64.6 96.8#

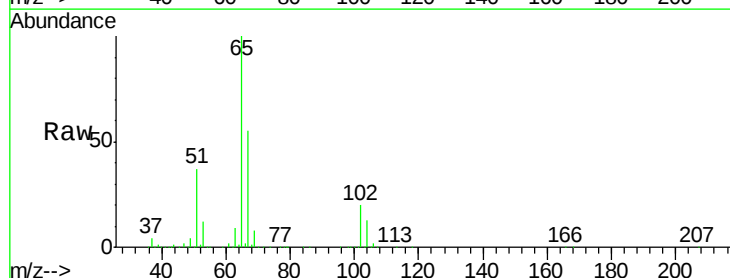


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

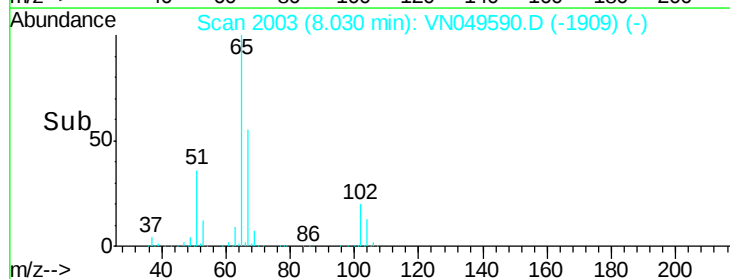
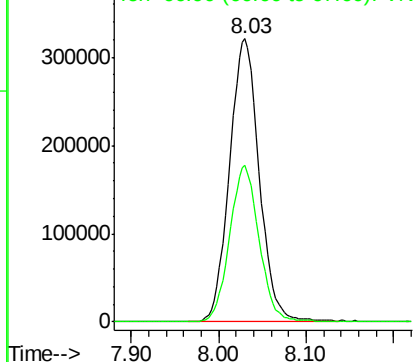


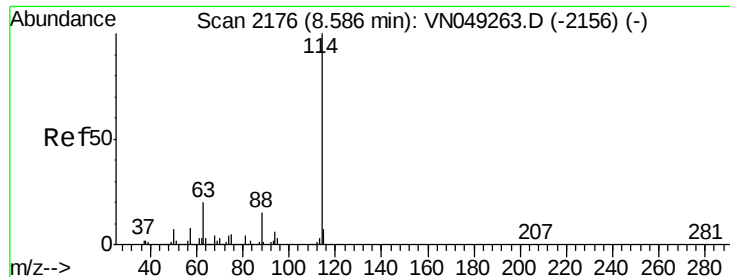
#33  
1,2-Dichloroethane-d4  
Concen: 50.33 ug/l  
RT: 8.03 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

Tgt Ion: 65 Resp: 756696  
Ion Ratio Lower Upper  
65 100  
67 54.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0

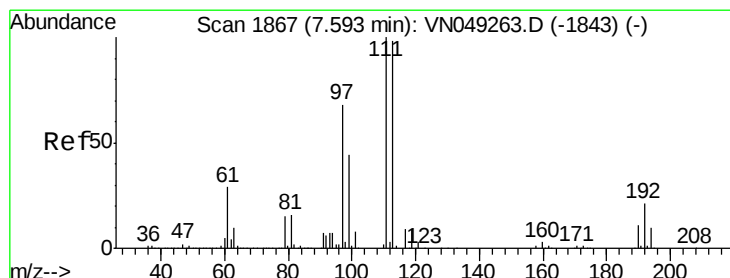
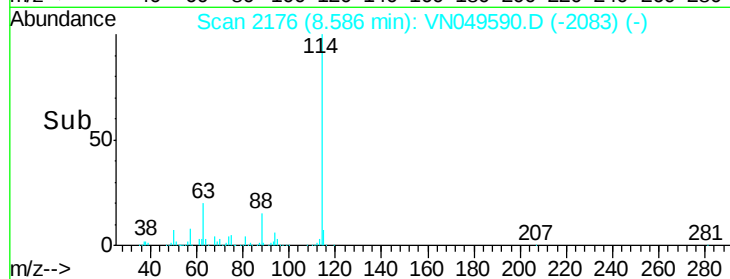
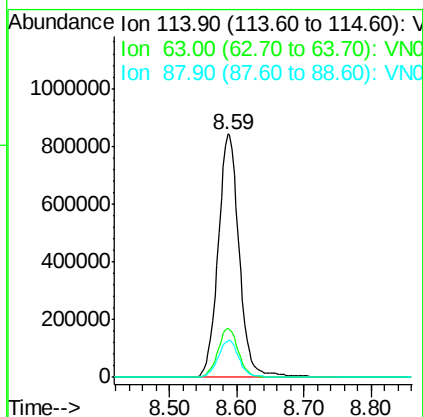
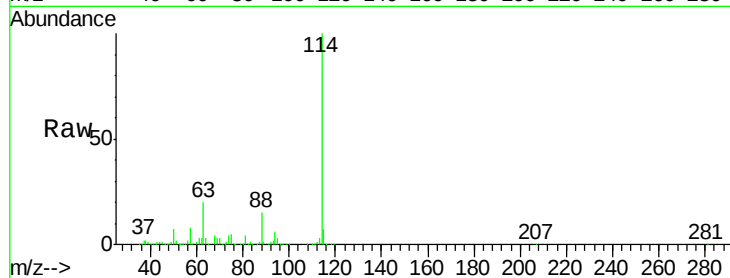




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN049590.D  
 Acq: 28 Jun 2018 15:25

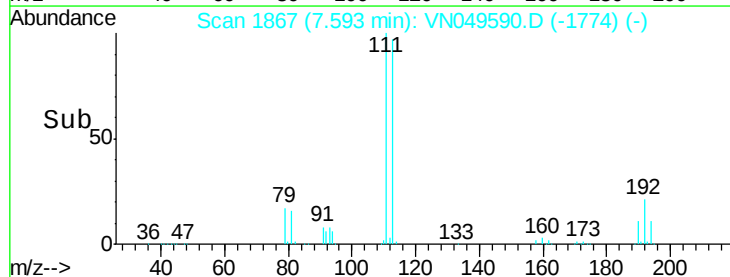
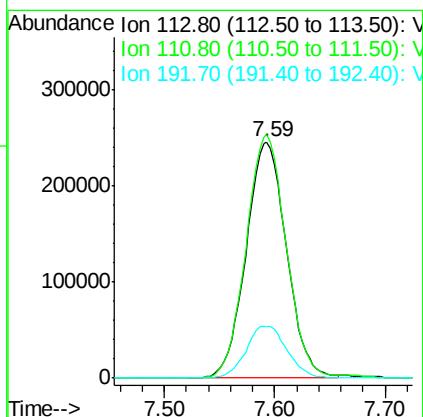
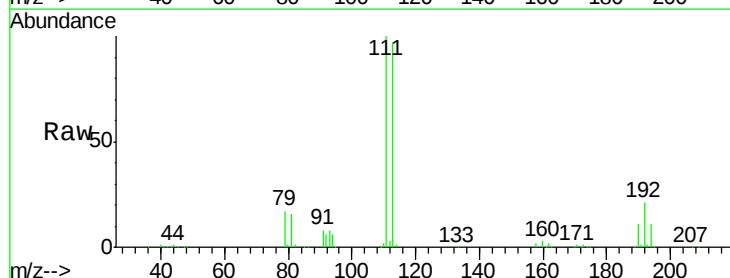
Instrument :  
 MSVOA\_N  
 ClientSampled :

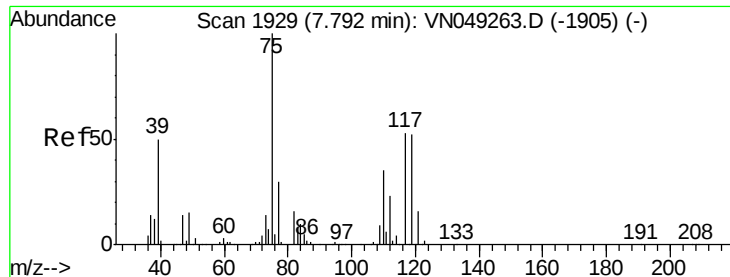
Tot Ion:114 Resp: 1835432  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 44.4  
 88 15.1 0.0 31.4



#35  
 Dibromofluoromethane  
 Concen: 41.82 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN049590.D  
 Acq: 28 Jun 2018 15:25

Tgt Ion:113 Resp: 620951  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 82.4 123.6  
 192 22.5 15.0 22.6





#36

1,1-Dichloropropene

Concen: 3.70 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

ClientSampleId :

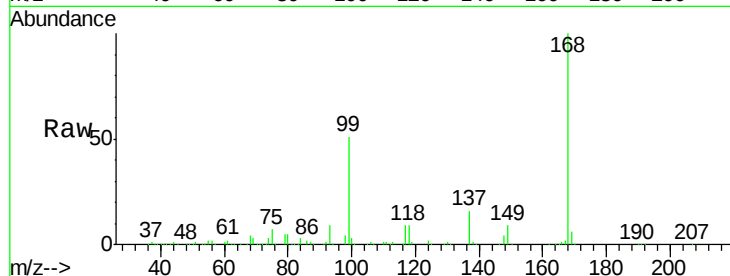
Tot Ion: 75 Resp: 77767

Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

77 0.0 24.4 36.6#

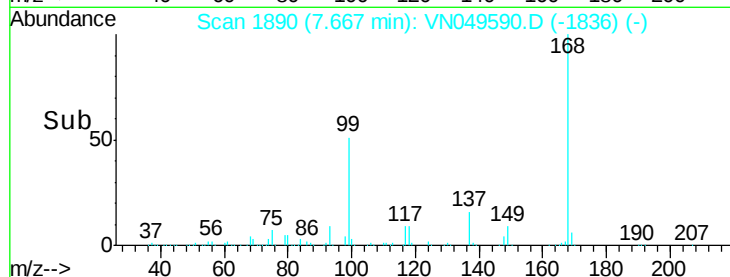


Abundance Ion 74.90 (74.60 to 75.60): VN049590.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049590.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049590.D (-1836) (-)

Time-->



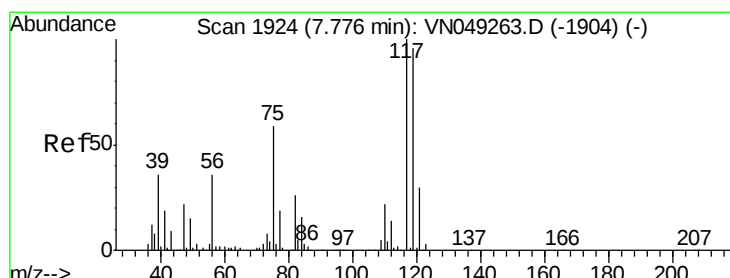
Abundance

Ion 74.90 (74.60 to 75.60): VN049590.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049590.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049590.D (-1836) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.61 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

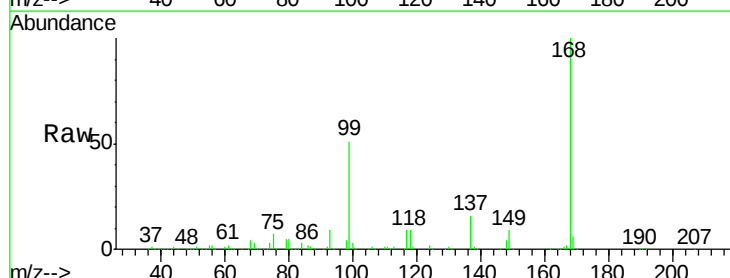
Tgt Ion: 117 Resp: 100447

Ion Ratio Lower Upper

117 100

119 5.9 75.6 113.4#

121 0.0 24.7 37.1#

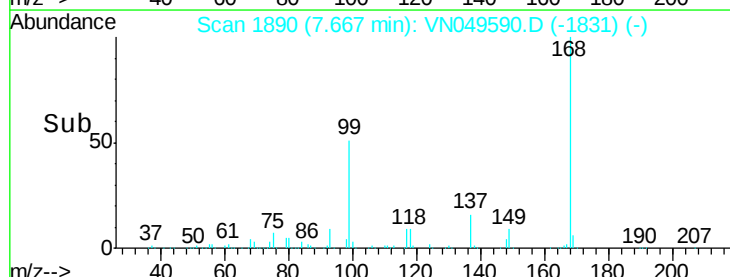


Abundance Ion 116.80 (116.50 to 117.50): VN049590.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049590.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049590.D (-1831) (-)

Time-->



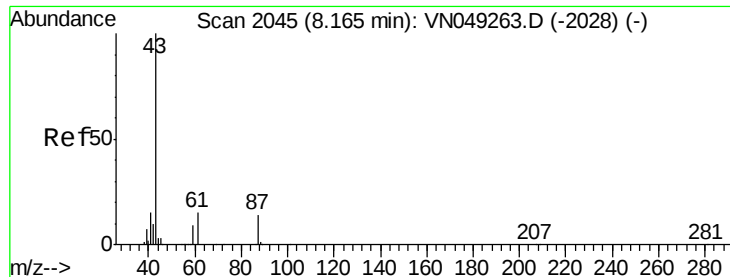
Abundance

Ion 116.80 (116.50 to 117.50): VN049590.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049590.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049590.D (-1831) (-)

Time-->



#43

Isopropyl Acetate

Concen: 25.50 ug/l

RT: 8.29 min Scan# 2084

Delta R.T. 0.13 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

ClientSampleId :

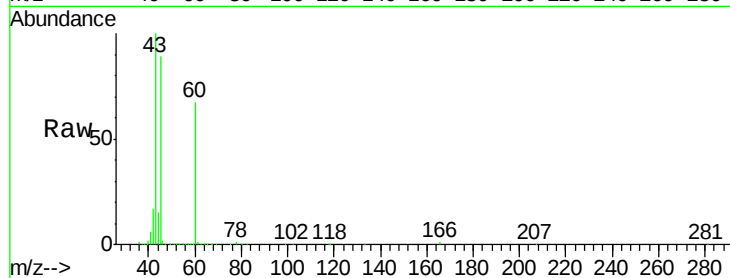
Tot Ion: 43 Resp: 557159

Ion Ratio Lower Upper

43 100

61 0.1 14.2 21.4#

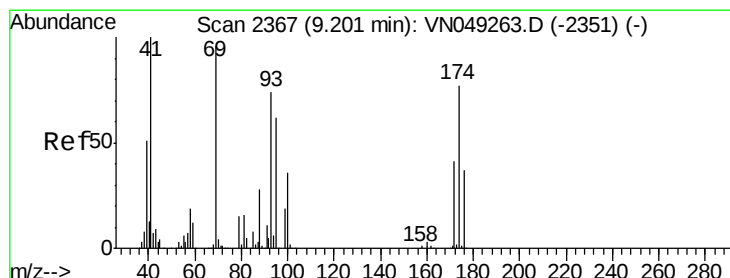
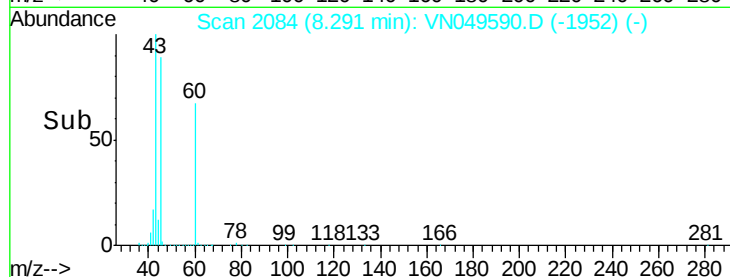
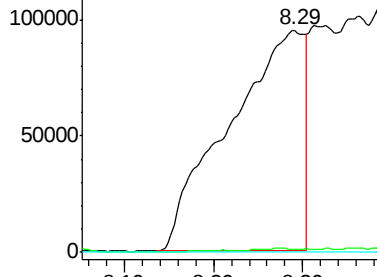
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)



#49

1,4-Dioxane

Concen: 1.39 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

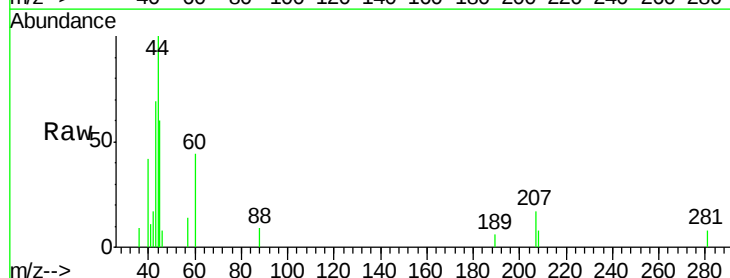
Tgt Ion: 88 Resp: 197

Ion Ratio Lower Upper

88 100

43 76.1 30.9 46.3#

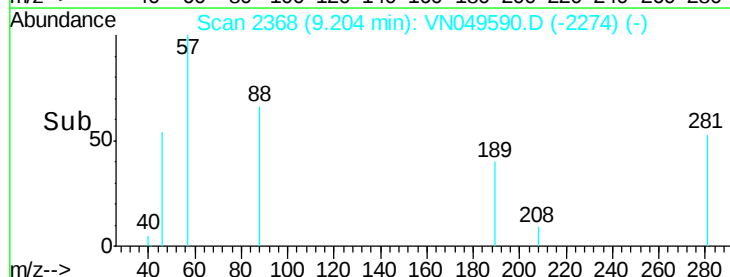
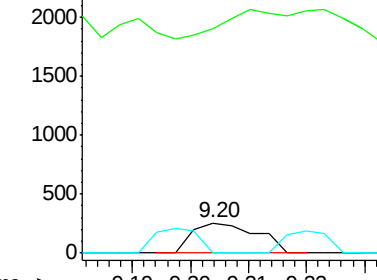
58 56.9 58.9 88.3#

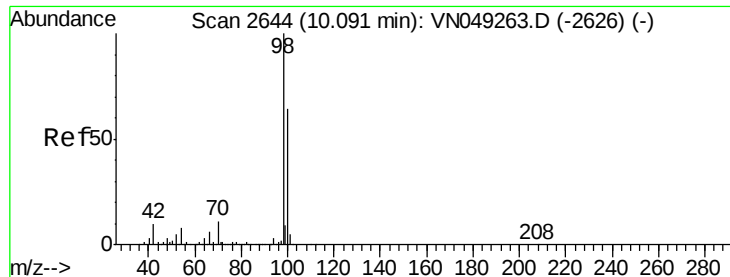


Abundance Ion 88.00 (87.70 to 88.70): VN049263.D (-2351) (-)

Ion 43.00 (42.70 to 43.70): VN049263.D (-2351) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2351) (-)





#50

Toluene-d8

Concen: 43.06 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

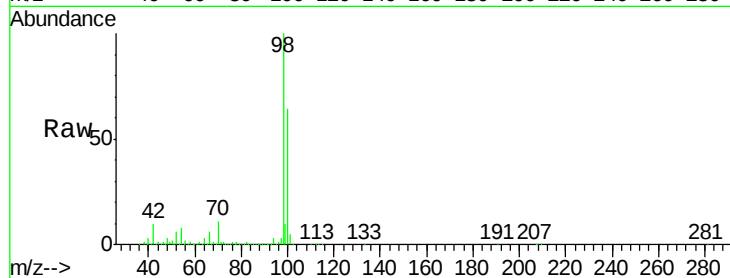
ClientSampled :

Tot Ion: 98 Resp: 2434545

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

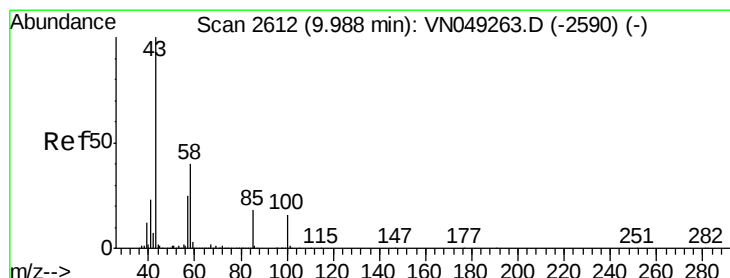
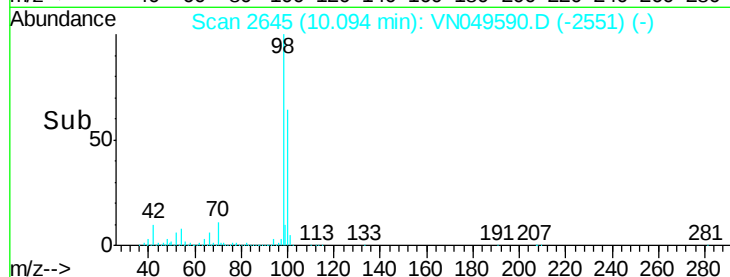
10.09

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.37 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049590.D

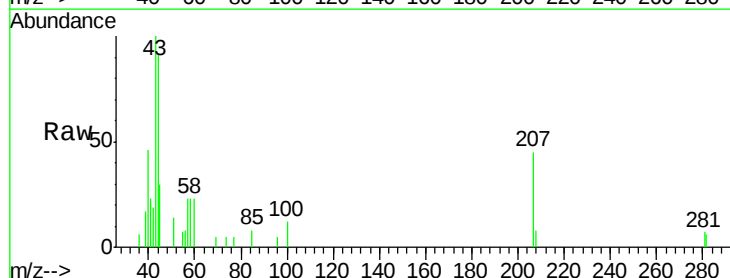
Acq: 28 Jun 2018 15:25

Tgt Ion: 43 Resp: 4206

Ion Ratio Lower Upper

43 100

58 23.3 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

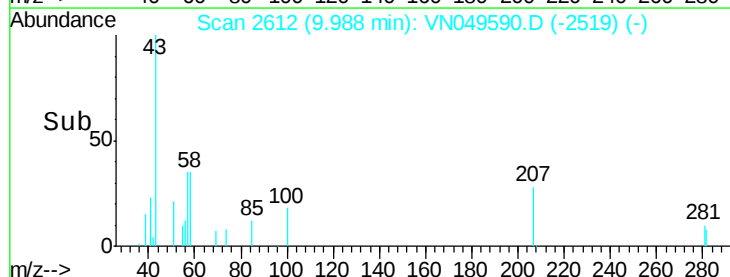
3000

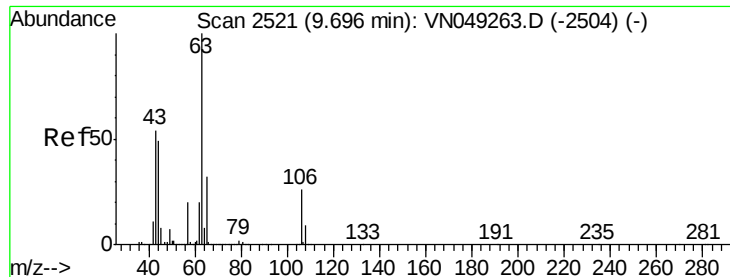
2000

1000

0

Time-->

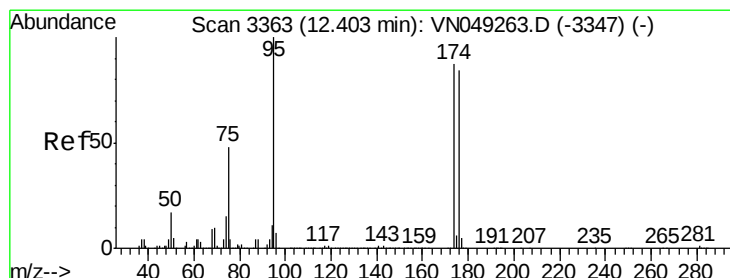
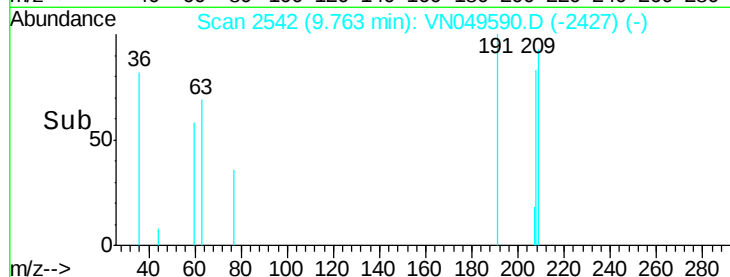
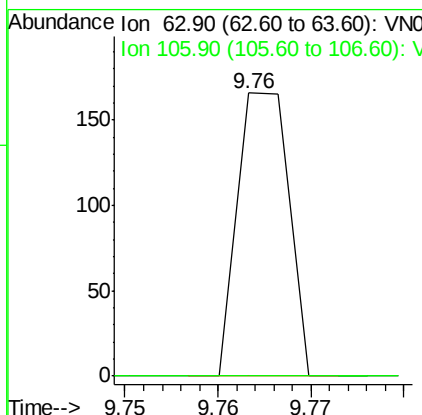
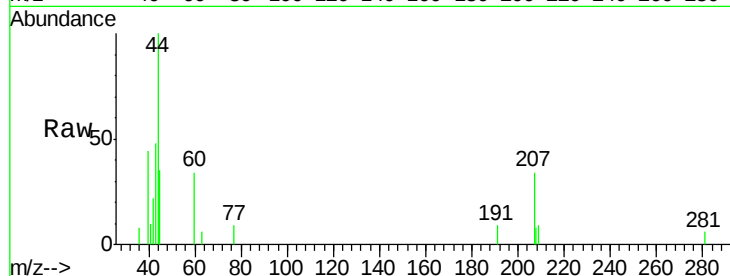




#58  
2-Chloroethyl Vinyl ether  
Concen: 14.34 ug/l  
RT: 9.76 min Scan# 2542  
Delta R.T. 0.07 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

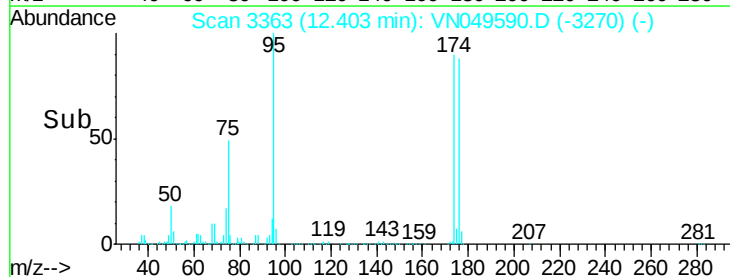
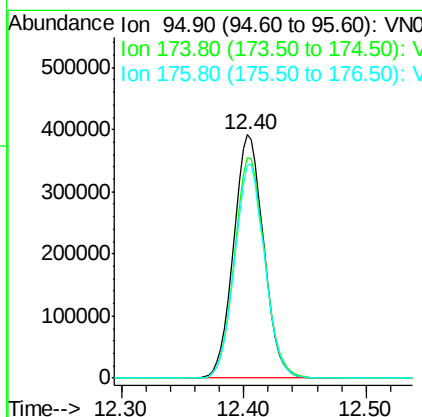
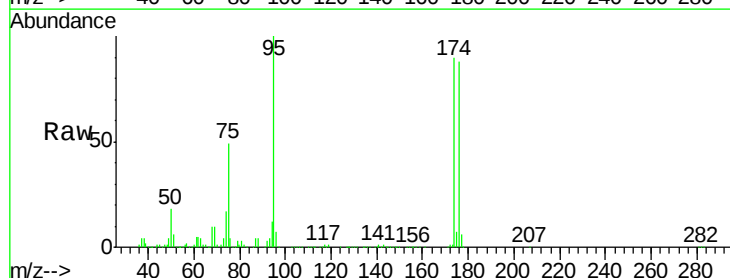
Instrument :  
MSVOA\_N  
ClientSampleId :

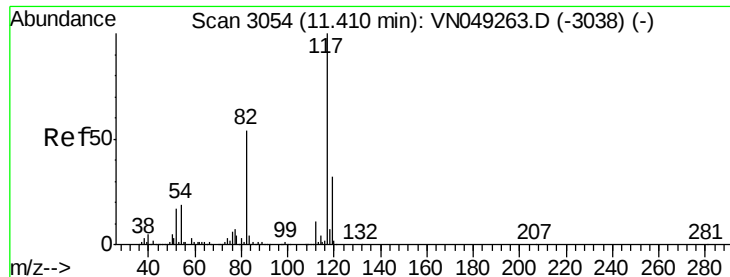
Tot Ion: 63 Resp: 64  
Ion Ratio Lower Upper  
63 100  
106 0.0 19.4 29.2#



#62  
4-Bromofluorobenzene  
Concen: 35.81 ug/l  
RT: 12.40 min Scan# 3363  
Delta R.T. 0.00 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

Tgt Ion: 95 Resp: 669500  
Ion Ratio Lower Upper  
95 100  
174 91.3 0.0 165.6  
176 87.8 0.0 157.4

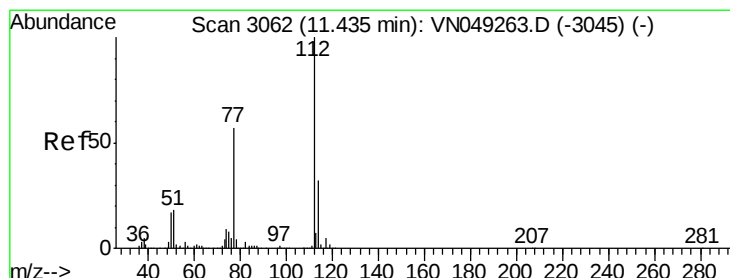
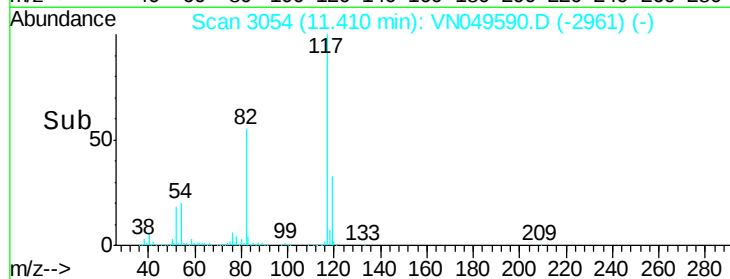
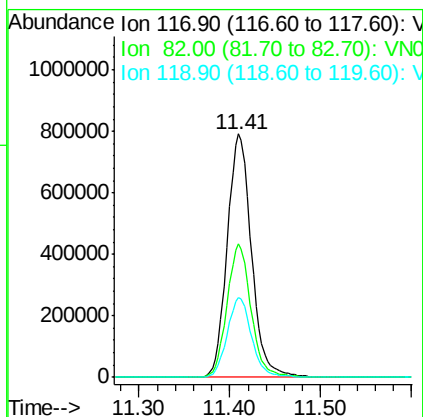
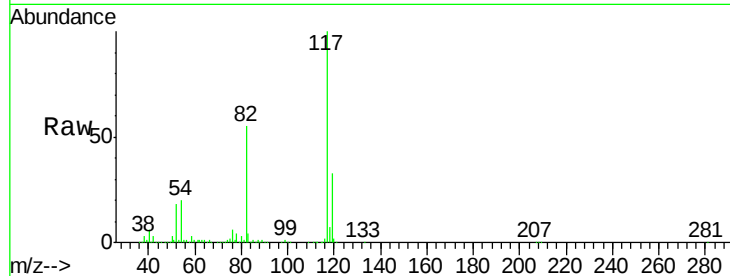




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

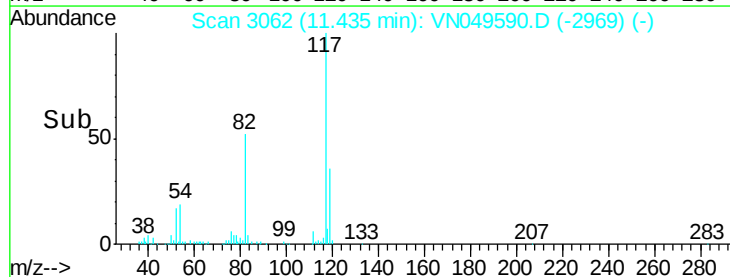
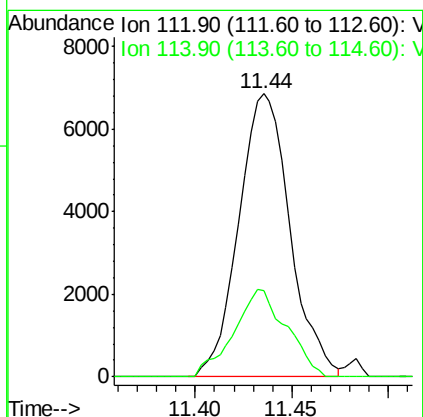
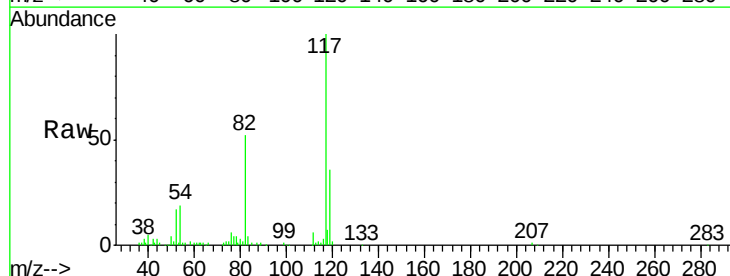
Instrument :  
MSVOA\_N  
ClientSampleId :

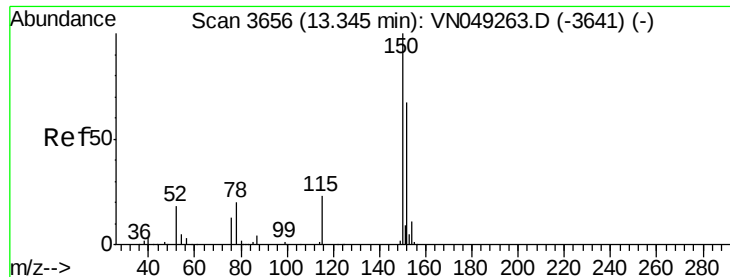
Tot Ion:117 Resp: 1464211  
Ion Ratio Lower Upper  
117 100  
82 54.7 45.9 68.9  
119 33.0 25.5 38.3



#65  
Chlorobenzene  
Concen: 0.34 ug/l  
RT: 11.44 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN049590.D  
Acq: 28 Jun 2018 15:25

Tgt Ion:112 Resp: 12638  
Ion Ratio Lower Upper  
112 100  
114 30.6 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

ClientSampleId :

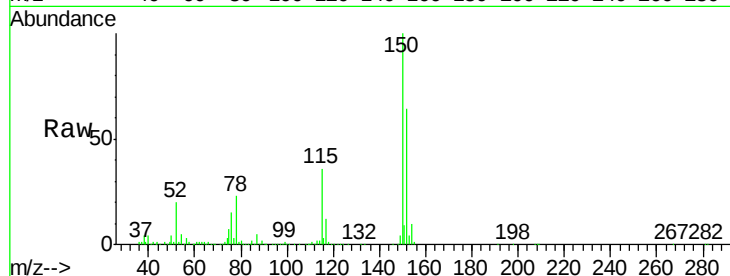
Tot Ion:152 Resp: 540959

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

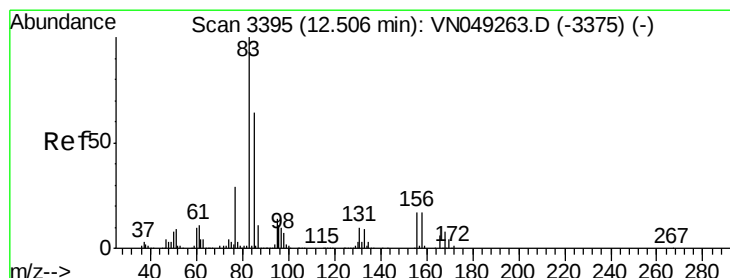
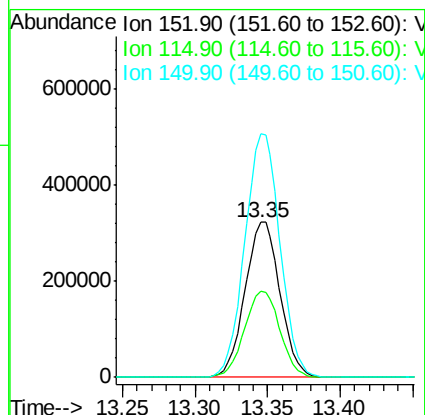
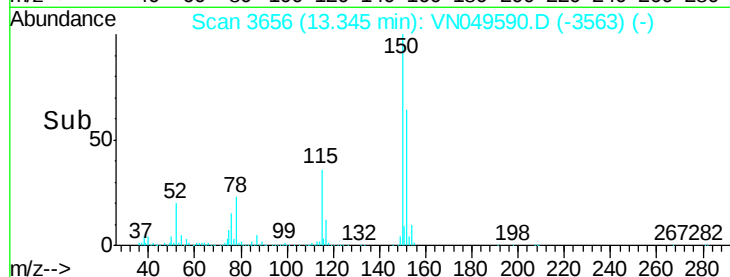
150 157.9 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

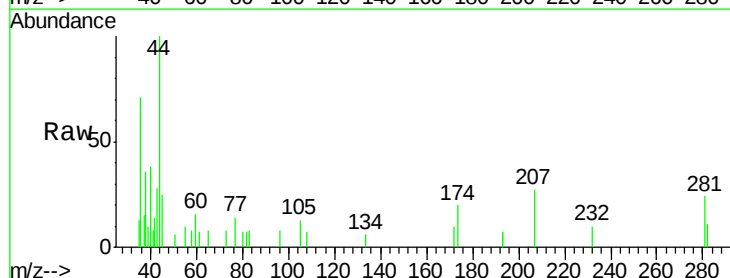
Tgt Ion: 83 Resp: 193

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

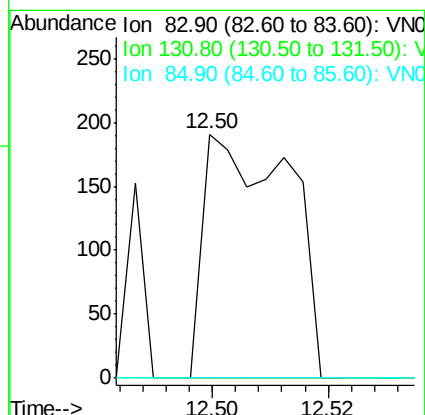
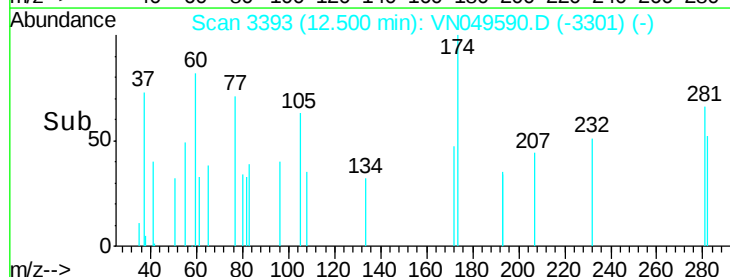
85 0.0 32.0 96.0#

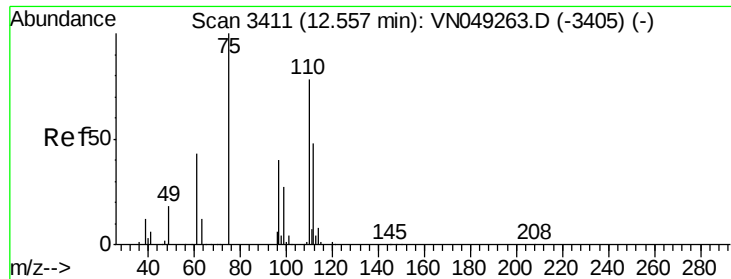


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

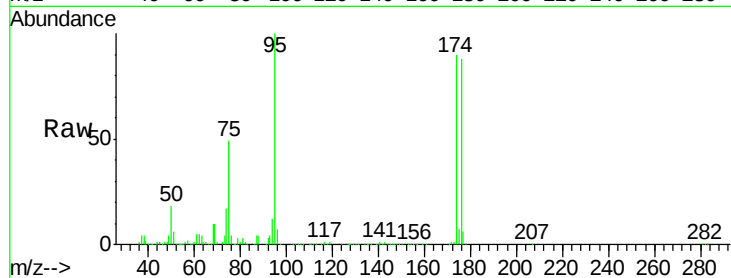
ClientSampled :

Tot Ion: 75 Resp: 327792

Ion Ratio Lower Upper

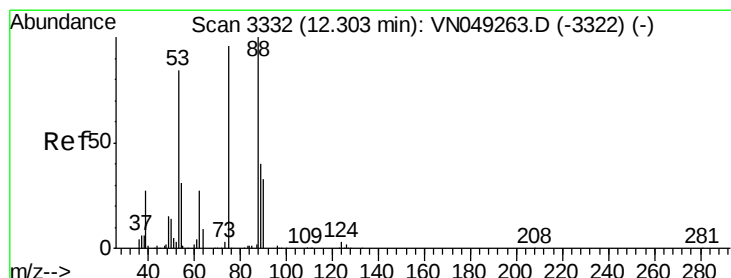
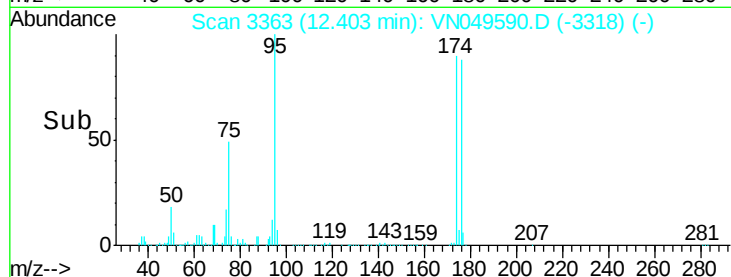
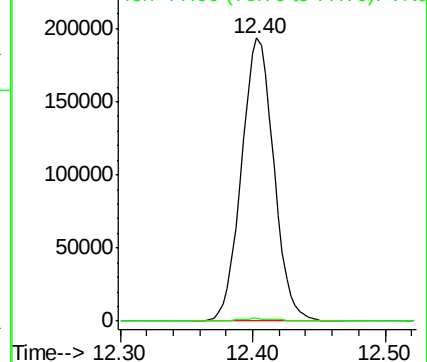
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 112.24 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

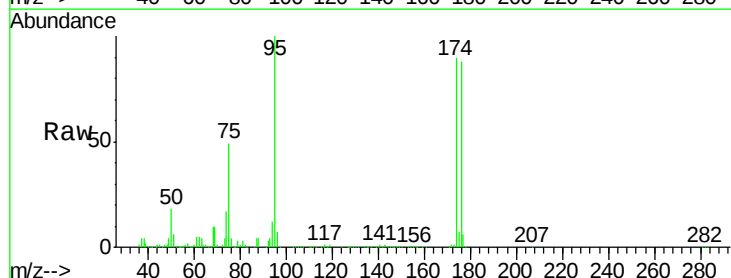
Tgt Ion: 75 Resp: 327792

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

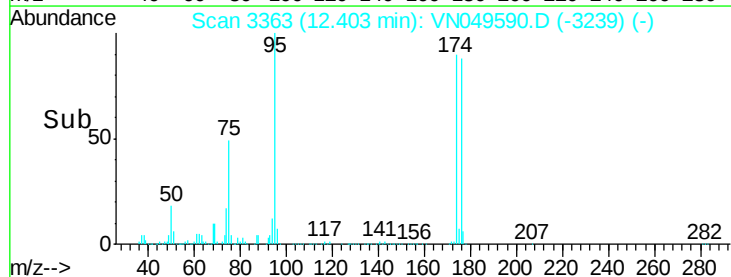
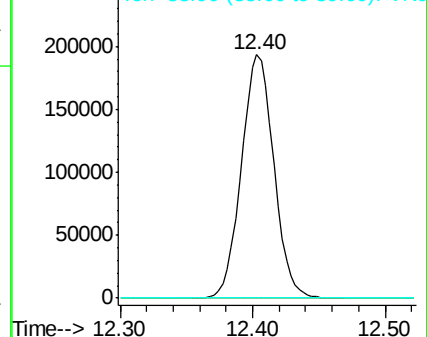
89 0.0 36.5 54.7#

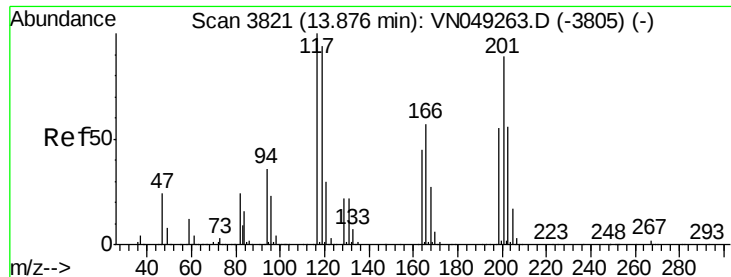


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#90

Hexachloroethane

Concen: Below Cal

RT: 13.86 min Scan# 3817

Delta R.T. -0.01 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA\_N

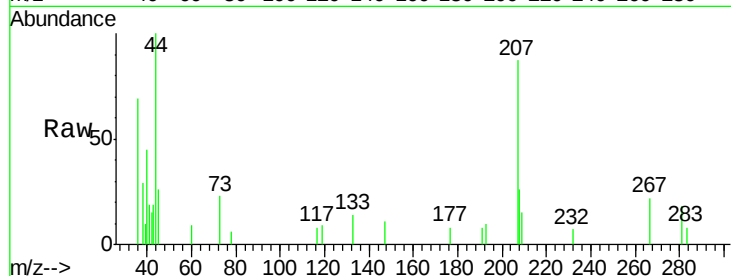
ClientSampled :

Tot Ion:117 Resp: 80

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.86

250

200

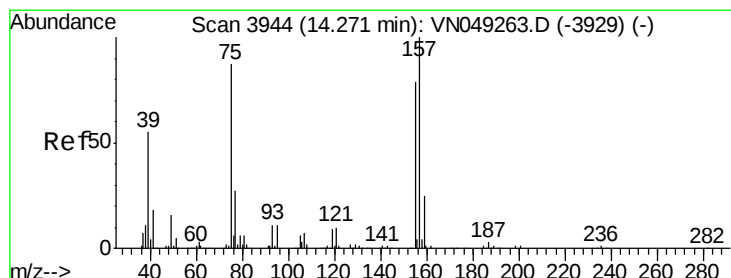
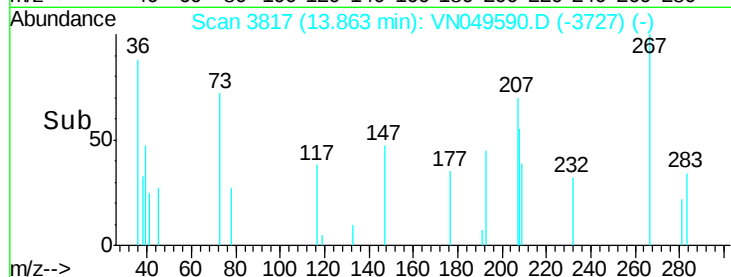
150

100

50

0

Time--> 13.85 13.86 13.87



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.77 ug/l

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

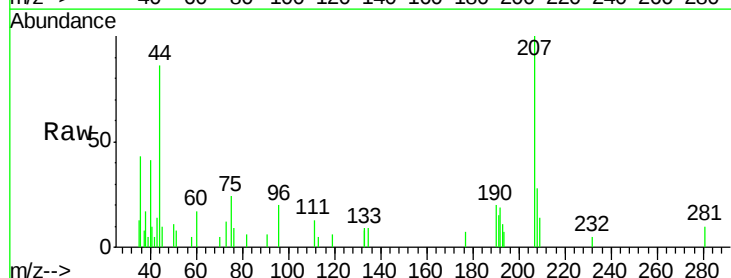
Tgt Ion: 75 Resp: 1268

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

1000

800

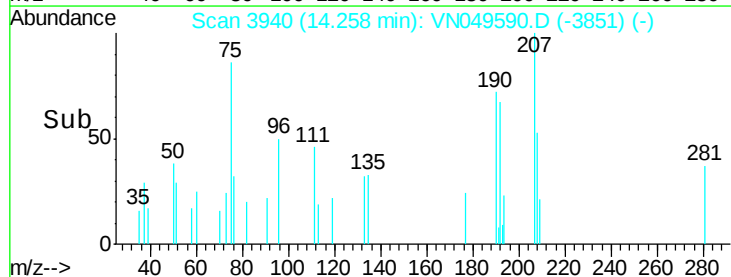
600

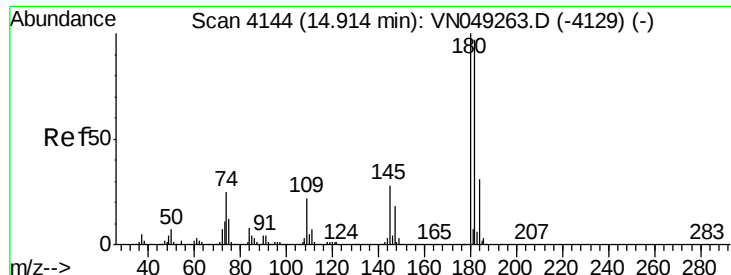
400

200

0

Time--> 14.25 14.30

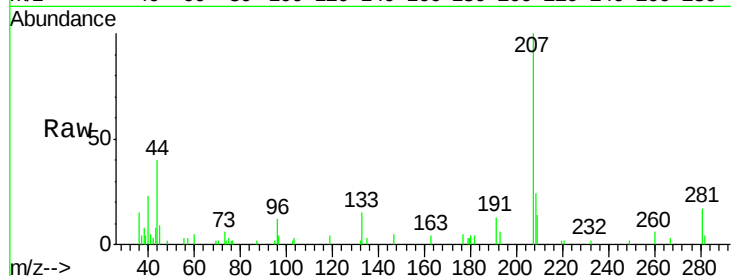




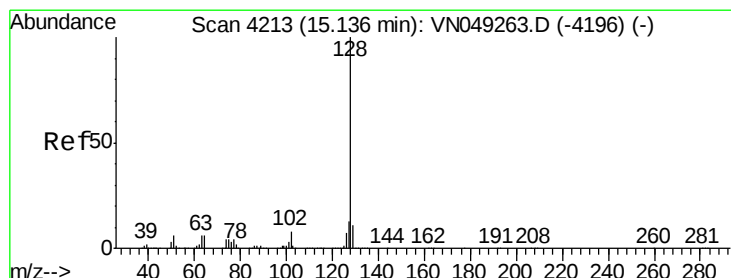
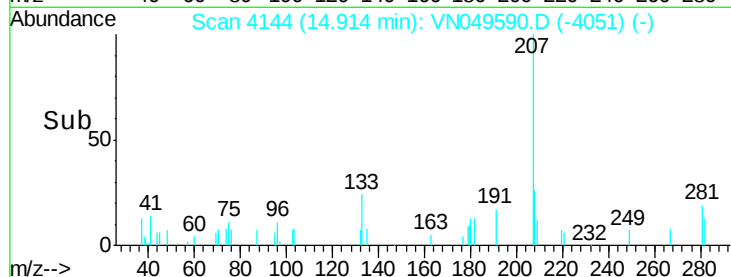
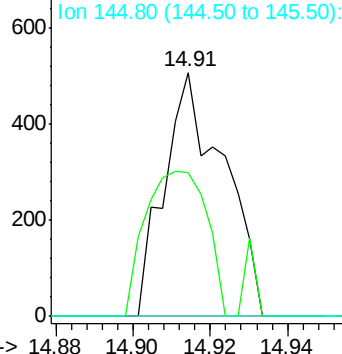
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.80 ug/l  
 RT: 14.91 min Scan# 4144  
 Delta R.T. 0.00 min  
 Lab File: VN049590.D  
 Acq: 28 Jun 2018 15:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 540  
 Ion Ratio Lower Upper  
 180 100  
 182 61.5 46.9 140.8  
 145 0.0 14.7 44.1#

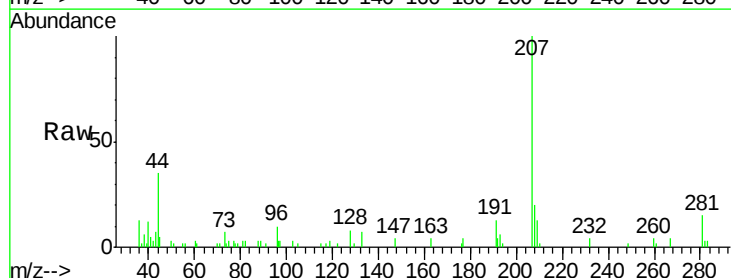


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

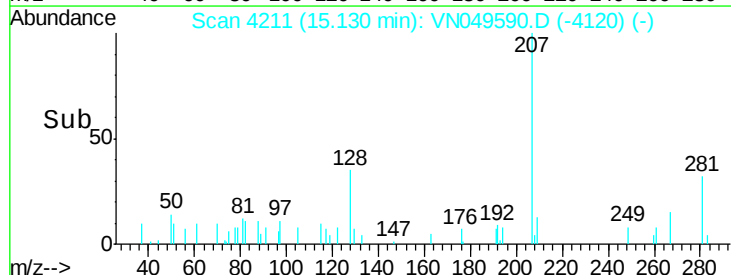
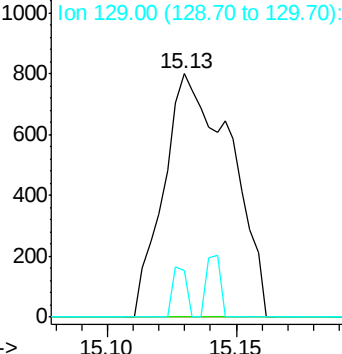


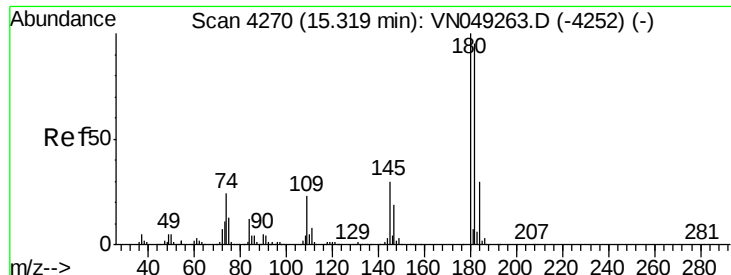
#95  
 Naphthalene  
 Concen: 2.18 ug/l  
 RT: 15.13 min Scan# 4211  
 Delta R.T. -0.01 min  
 Lab File: VN049590.D  
 Acq: 28 Jun 2018 15:25

Tgt Ion:128 Resp: 1454  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 10.6 16.0#  
 129 4.2 8.5 12.7#



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

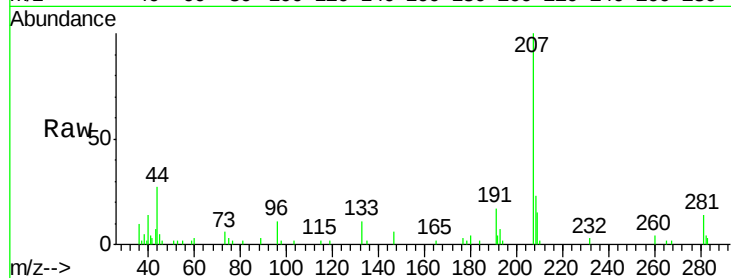




#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.51 ug/l  
 RT: 15.33 min Scan# 4274  
 Delta R.T. 0.01 min  
 Lab File: VN049590.D  
 Acq: 28 Jun 2018 15:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 49.9  | 47.3  | 141.8 |
| 145     | 22.5  | 15.6  | 46.7  |



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

