

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\  
 Data File : VN049492.D  
 Acq On : 22 Jun 2018 15:32  
 Operator : MD\SY  
 Sample : J3627-35  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 22 22:14:37 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  | 1367290  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2158231  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1833376  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 546425   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 950396   | 52.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.82% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 833525   | 47.74 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.48%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 3014984  | 45.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.70%  |      |
| 62) 4-Bromofluorobenzene  | 12.41  | 95  | 783656   | 35.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 71.30%  |      |

## Target Compounds

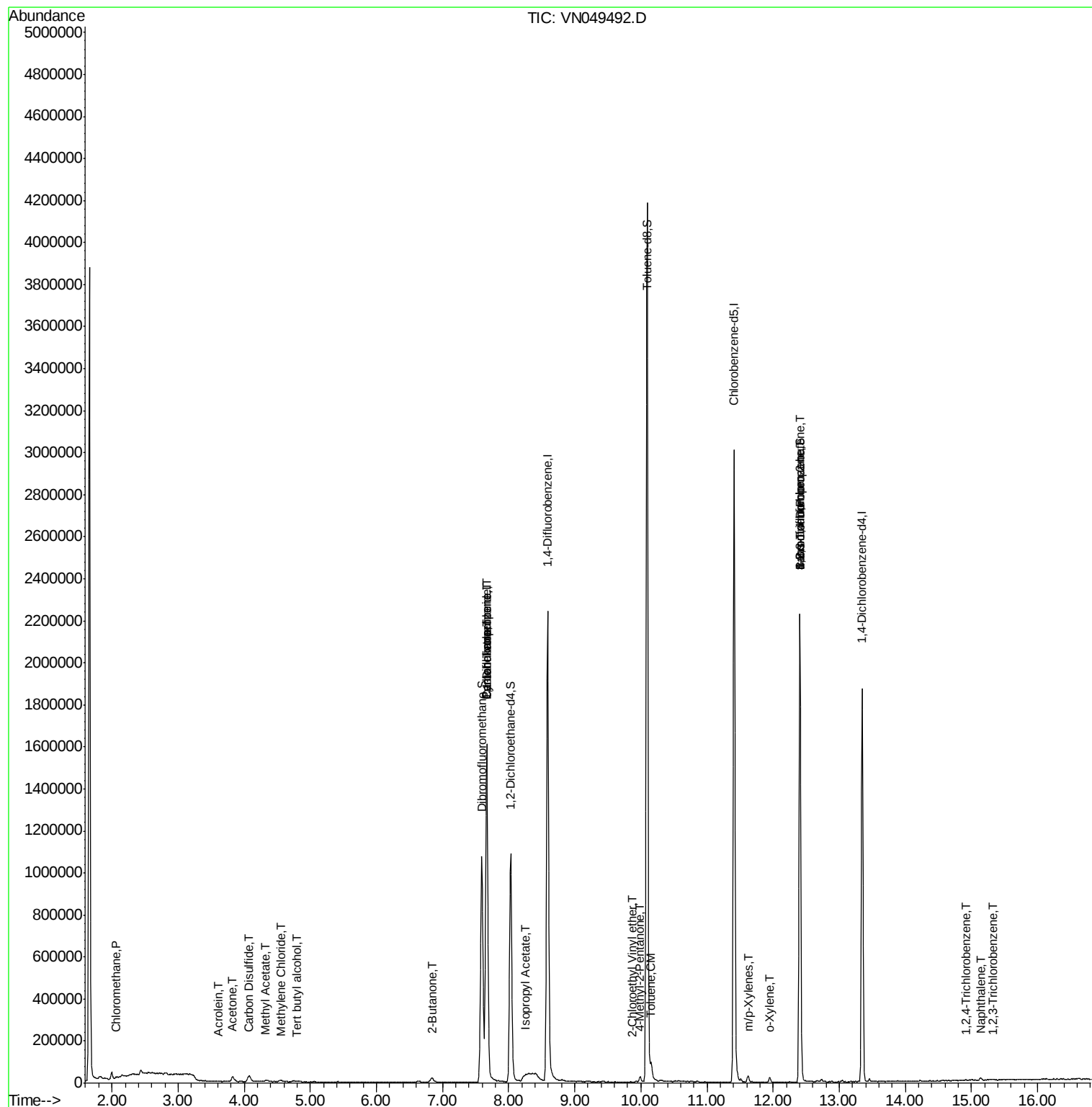
|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 3) Chloromethane               | 2.06  | 50  | 4438   | 0.22   | ug/l   | 100    |
| 11) Tert butyl alcohol         | 4.80  | 59  | 473    | 0.44   | ug/l # | 86     |
| 13) Acrolein                   | 3.62  | 56  | 893    | 0.80   | ug/l # | 68     |
| 16) Acetone                    | 3.83  | 43  | 42567  | 9.67   | ug/l   | 92     |
| 17) Carbon Disulfide           | 4.05  | 76  | 10902  | 0.22   | ug/l   | 95     |
| 18) Methyl Acetate             | 4.33  | 43  | 7249   | 0.54   | ug/l # | 75     |
| 20) Methylene Chloride         | 4.56  | 84  | 4175   | 0.23   | ug/l # | 84     |
| 25) 2-Butanone                 | 6.85  | 43  | 8627   | 1.46   | ug/l # | 79     |
| 31) Cyclohexane                | 7.66  | 56  | 28266  | 0.88   | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75  | 96015  | 3.88   | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117 | 126703 | 4.95   | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.25  | 43  | 31275  | 1.22   | ug/l # | 64     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43  | 19425  | 1.44   | ug/l   | 98     |
| 52) Toluene                    | 10.16 | 92  | 26653  | 0.60   | ug/l   | 94     |
| 58) 2-Chloroethyl Vinyl ether  | 9.88  | 63  | 30     | 14.33  | ug/l # | 1      |
| 68) m/p-Xylenes                | 11.62 | 106 | 8939   | 0.30   | ug/l   | 91     |
| 69) o-Xylene                   | 11.95 | 106 | 6232   | 0.22   | ug/l   | 80     |
| 71) Bromoform                  | 12.41 | 173 | 5819   | 0.51   | ug/l # | 1      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.52 | 83  | 62     | Below  | Cal #  | 26     |
| 76) 1,2,3-Trichloropropane     | 12.41 | 75  | 380248 | 40.78  | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.41 | 75  | 380248 | 128.90 | ug/l # | 8      |
| 90) Hexachloroethane           | 13.98 | 117 | 115    | Below  | Cal #  | 9      |
| 93) 1,2,4-Trichlorobenzene     | 14.90 | 180 | 776    | 4.82   | ug/l # | 92     |
| 94) Hexachlorobutadiene        | 15.01 | 225 | 109    | Below  | Cal #  | 3      |
| 95) Naphthalene                | 15.14 | 128 | 7608   | 2.58   | ug/l # | 95     |
| 96) 1,2,3-Trichlorobenzene     | 15.33 | 180 | 700    | 3.53   | ug/l   | 94     |

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

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Sample : J3627-35  
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Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 22 22:14:37 2018  
Quant Method : Z:\V0ASRV\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# 1891

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA\_N

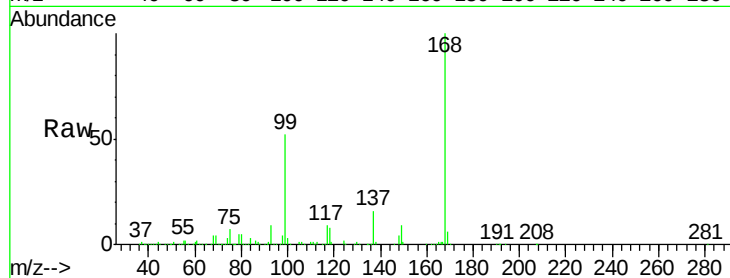
ClientSampled :

Tot Ion:168 Resp: 1367290

Ion Ratio Lower Upper

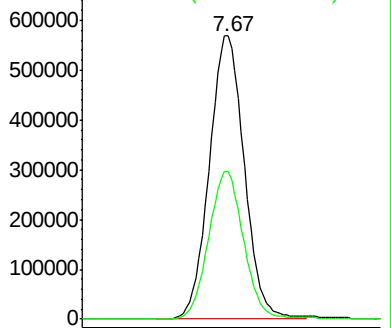
168 100

99 52.2 45.8 68.6

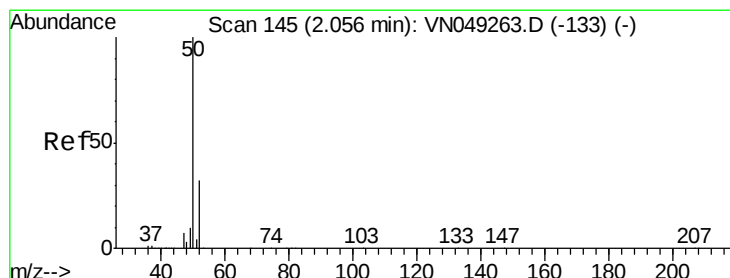
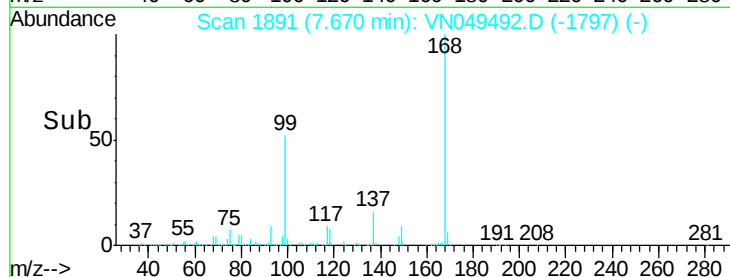


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049492.D

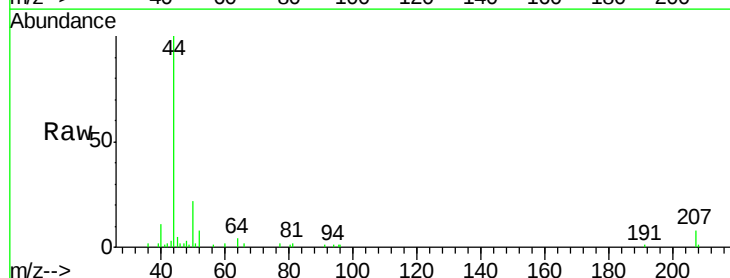
Acq: 22 Jun 2018 15:32

Tgt Ion: 50 Resp: 4438

Ion Ratio Lower Upper

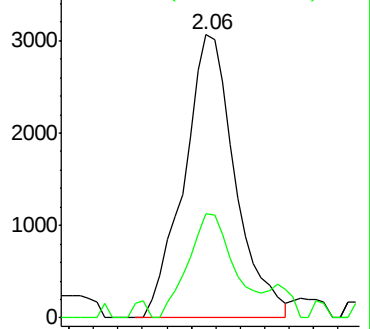
50 100

52 31.4 25.2 37.8

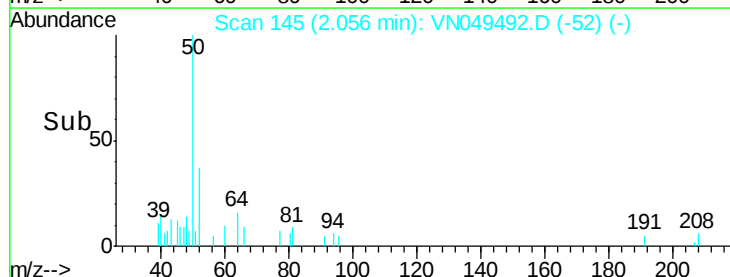


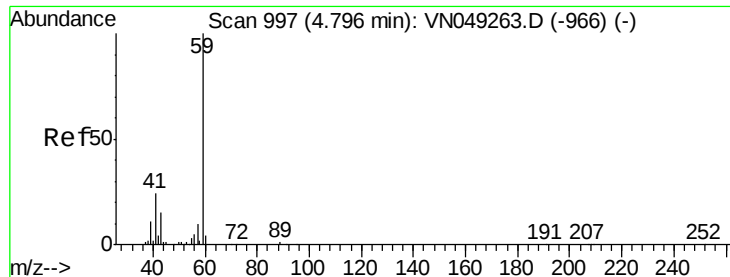
Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time-->

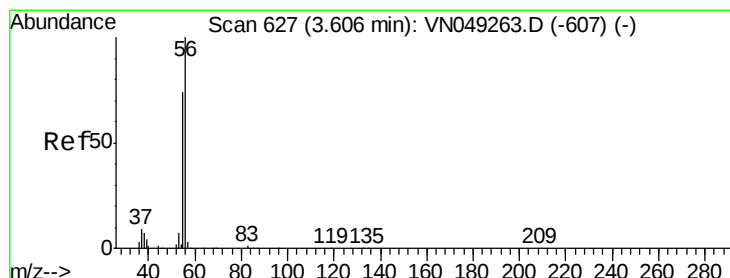
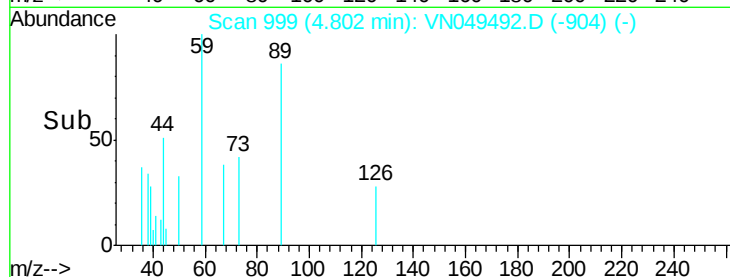
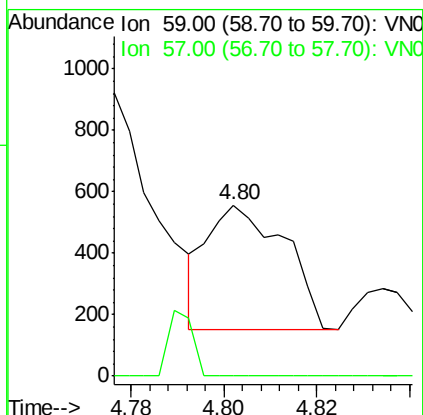
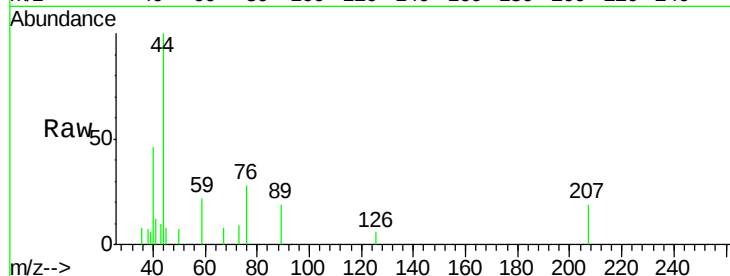




#11  
Tert butyl alcohol  
Concen: 0.44 ug/l  
RT: 4.80 min Scan# 999  
Delta R.T. 0.01 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

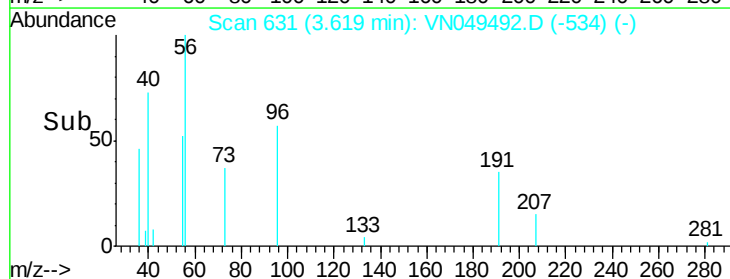
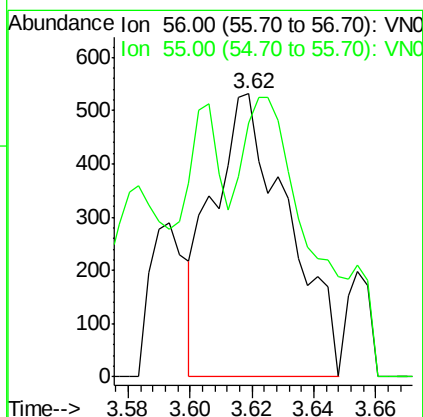
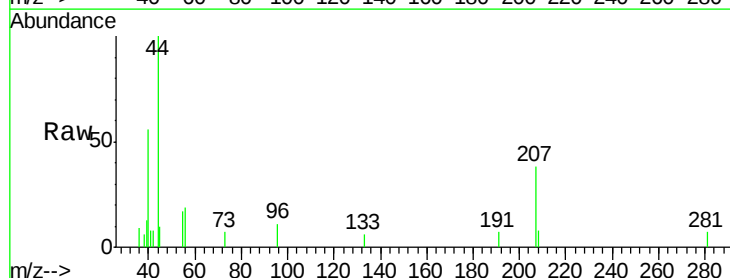
Instrument :  
MSVOA\_N  
ClientSampled :

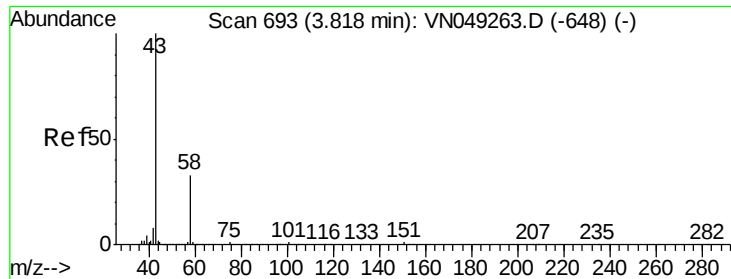
Tot Ion: 59 Resp: 473  
Ion Ratio Lower Upper  
59 100  
57 16.5 9.0 13.6#



#13  
Acrolein  
Concen: 0.80 ug/l  
RT: 3.62 min Scan# 631  
Delta R.T. 0.01 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion: 56 Resp: 893  
Ion Ratio Lower Upper  
56 100  
55 97.5 57.1 85.7#

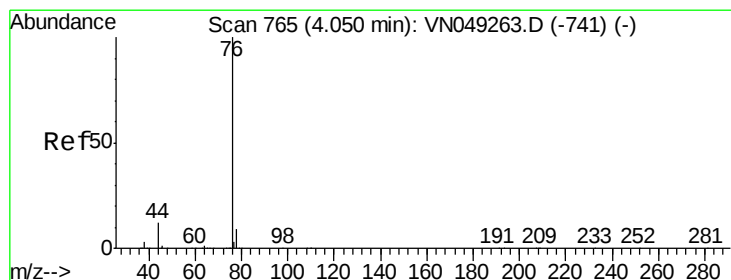
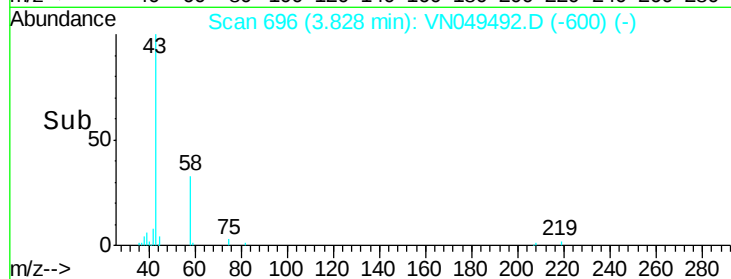
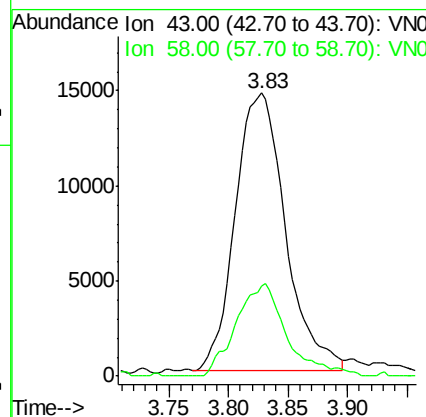
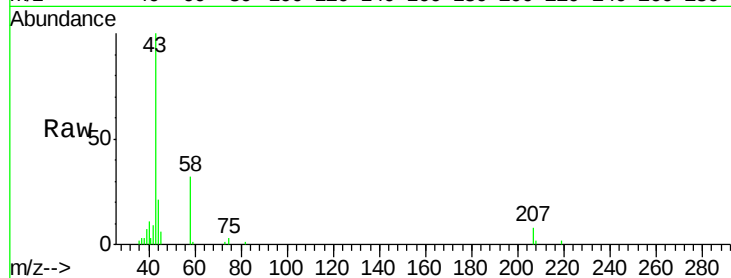




#16  
Acetone  
Concen: 9.67 ug/l  
RT: 3.83 min Scan# 696  
Delta R.T. 0.01 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

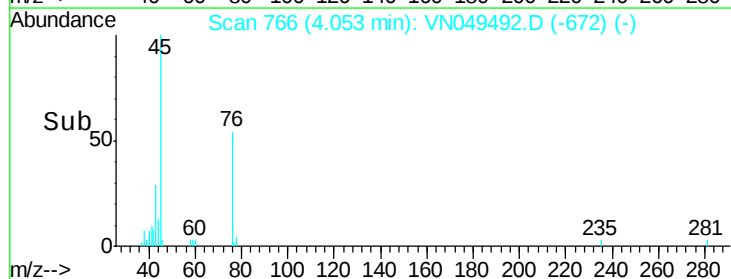
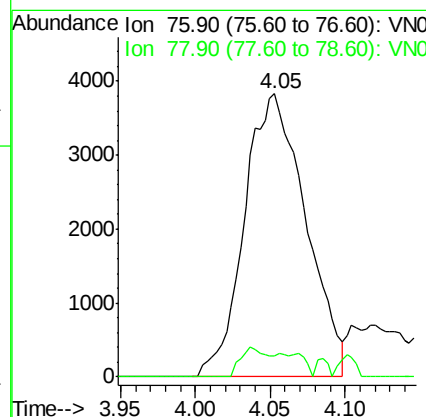
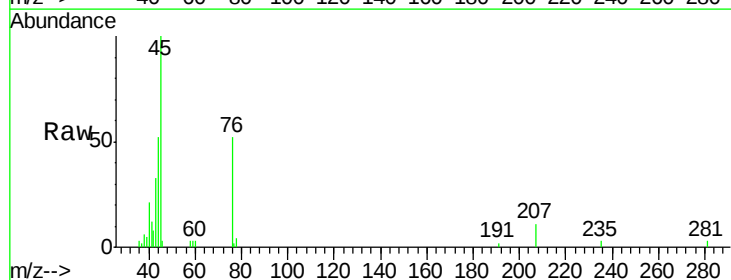
Instrument :  
MSVOA\_N  
ClientSampleId :

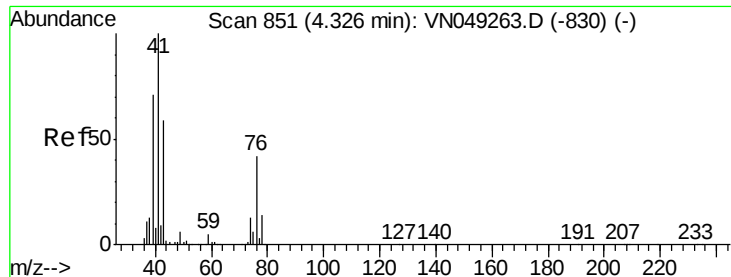
Tot Ion: 43 Resp: 42567  
Ion Ratio Lower Upper  
43 100  
58 32.3 22.4 33.6



#17  
Carbon Disulfide  
Concen: 0.22 ug/l  
RT: 4.05 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion: 76 Resp: 10902  
Ion Ratio Lower Upper  
76 100  
78 7.4 7.4 11.0

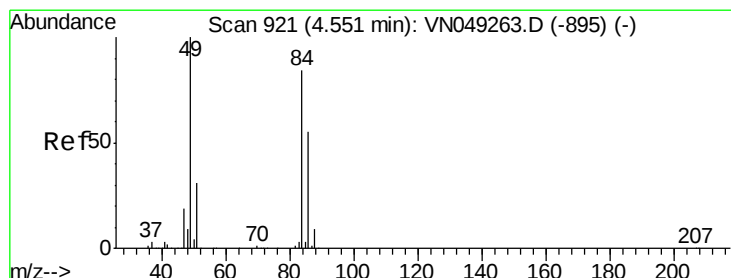
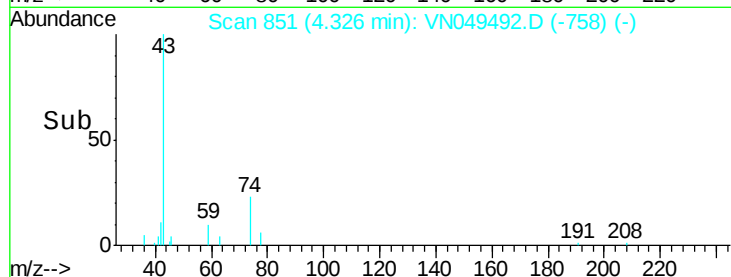
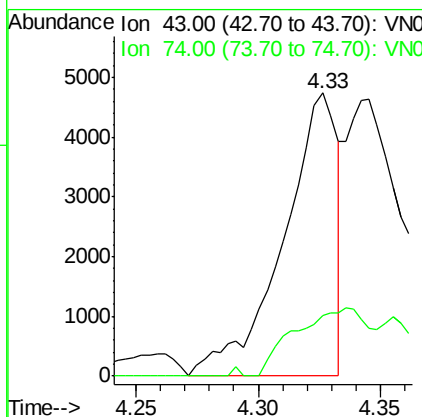
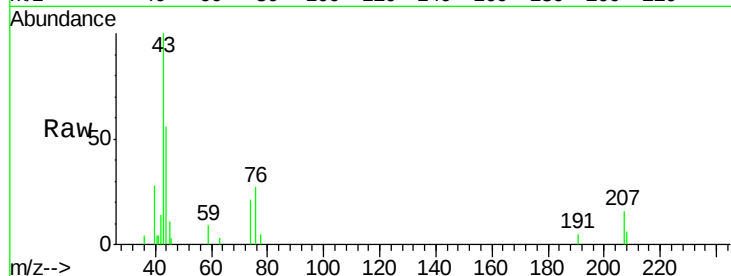




#18  
Methyl Acetate  
Concen: 0.54 ug/l  
RT: 4.33 min Scan# 851  
Delta R.T. 0.00 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

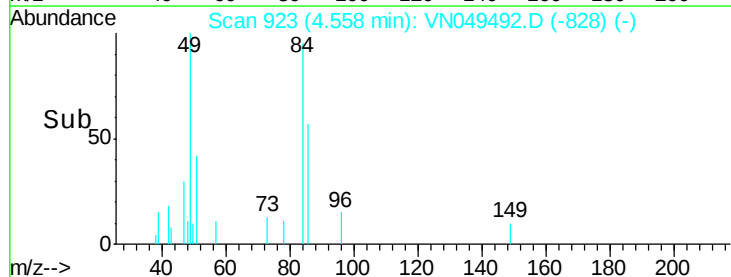
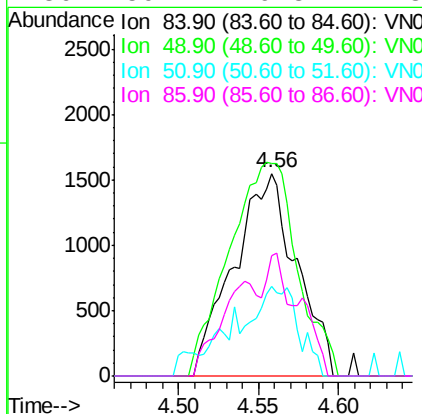
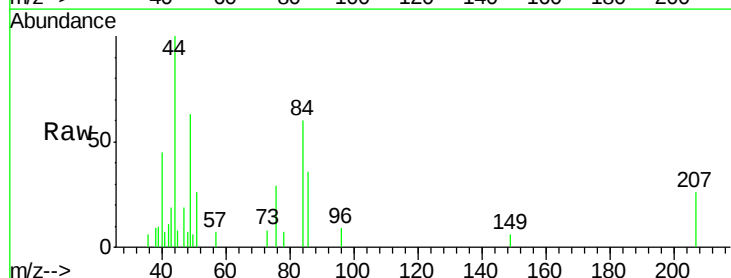
Instrument :  
MSVOA\_N  
ClientSampled :

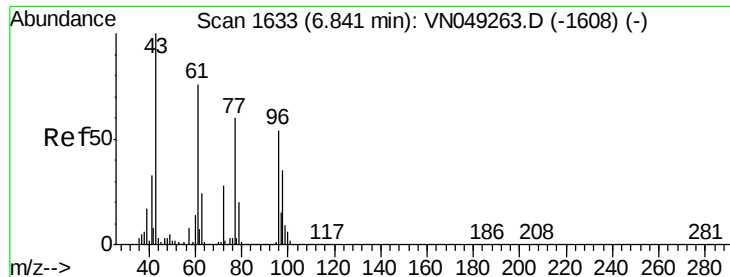
Tot Ion: 43 Resp: 7249  
Ion Ratio Lower Upper  
43 100  
74 33.5 17.4 26.0#



#20  
Methylene Chloride  
Concen: 0.23 ug/l  
RT: 4.56 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion: 84 Resp: 4175  
Ion Ratio Lower Upper  
84 100  
49 104.7 106.9 160.3#  
51 44.2 32.7 49.1  
86 59.7 49.8 74.8

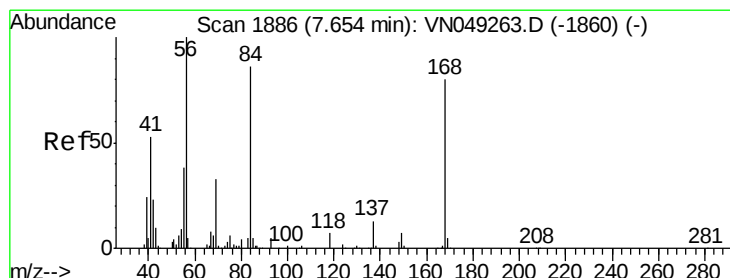
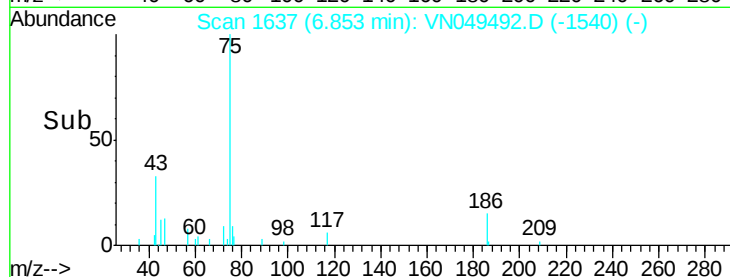
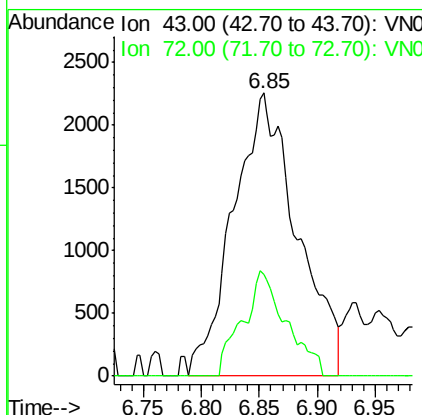
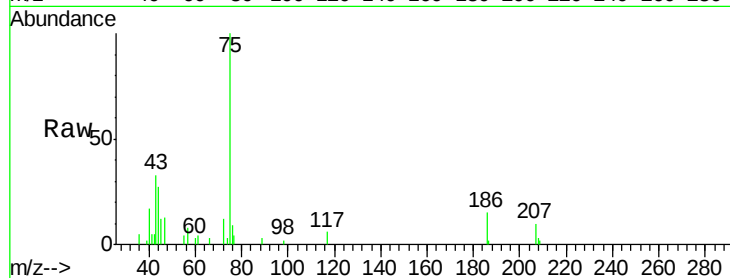




#25  
2-Butanone  
Concen: 1.46 ug/l  
RT: 6.85 min Scan# 1637  
Delta R.T. 0.01 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

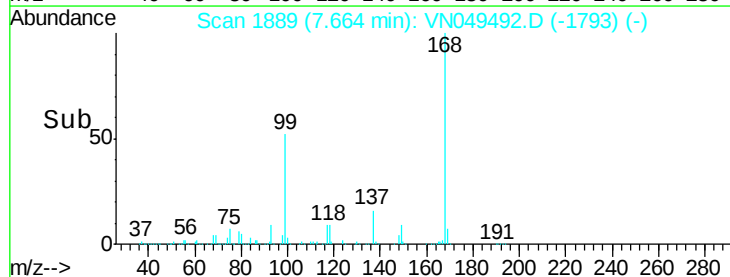
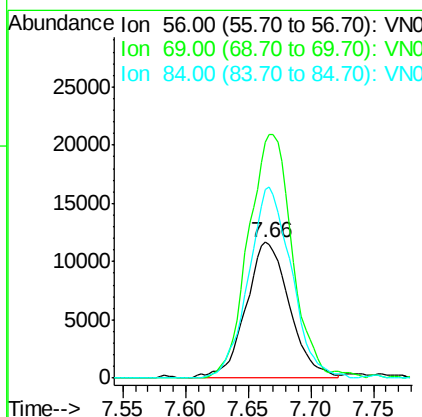
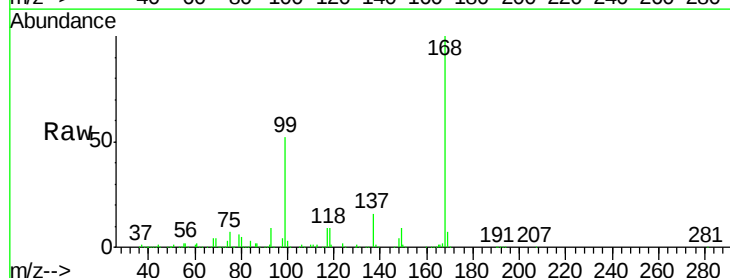
Instrument :  
MSVOA\_N  
ClientSampleId :

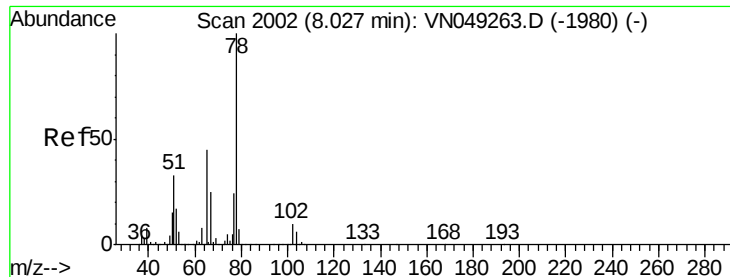
Tot Ion: 43 Resp: 8627  
Ion Ratio Lower Upper  
43 100  
72 35.8 20.2 30.2#



#31  
Cyclohexane  
Concen: 0.88 ug/l  
RT: 7.66 min Scan# 1889  
Delta R.T. 0.01 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion: 56 Resp: 28266  
Ion Ratio Lower Upper  
56 100  
69 173.7 25.0 37.4#  
84 138.8 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 52.41 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA\_N

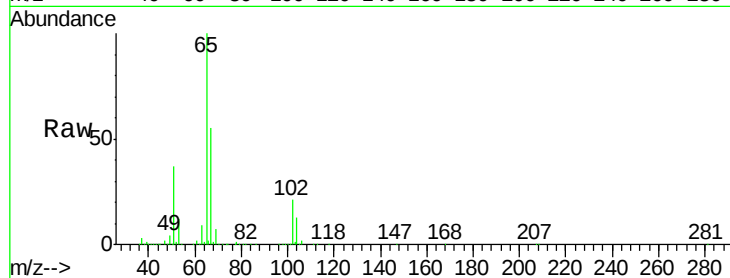
ClientSampleId :

Tot Ion: 65 Resp: 950396

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049492.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049492.D (-1980) (-)

8.03

400000

300000

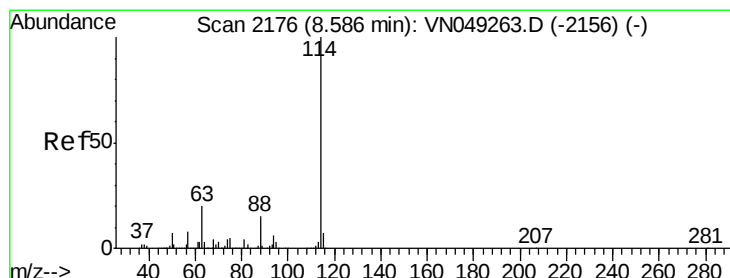
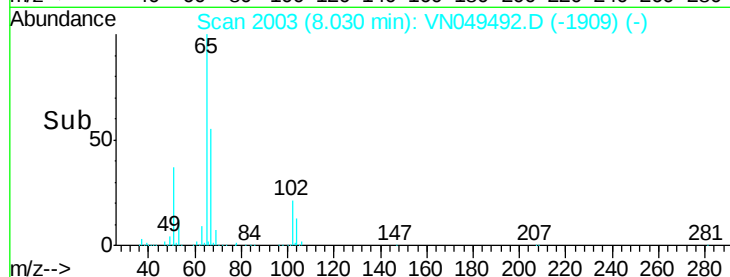
200000

100000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

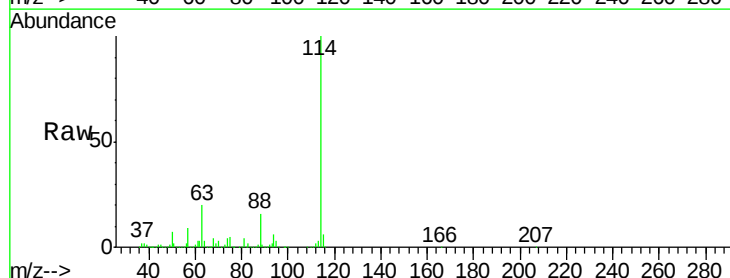
Tgt Ion: 114 Resp: 2158231

Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049492.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049492.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049492.D (-2156) (-)

8.59

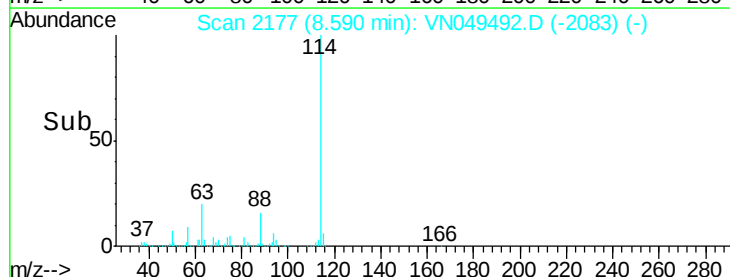
1000000

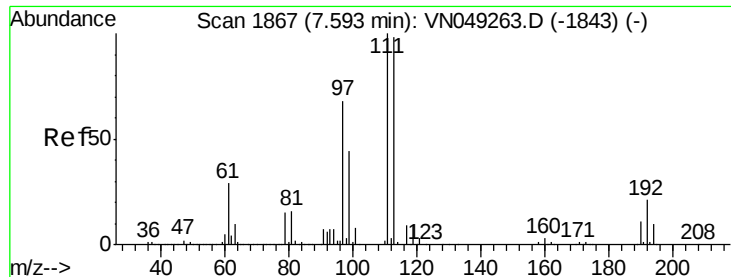
500000

0

8.50 8.60 8.70 8.80

Time-->

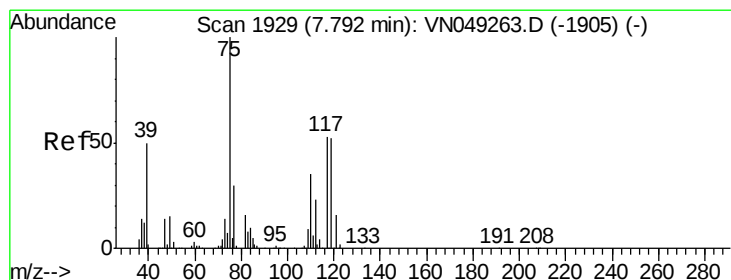
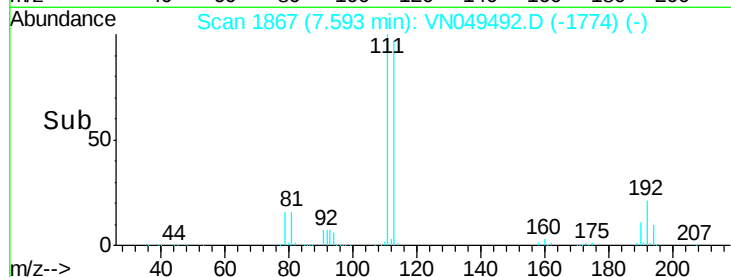
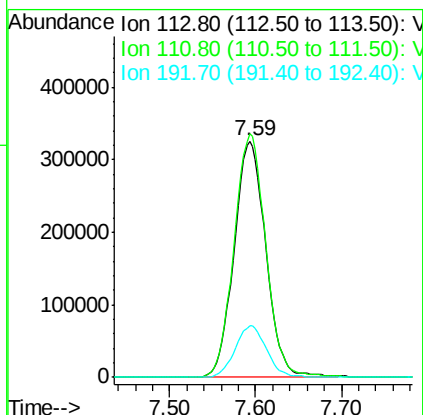
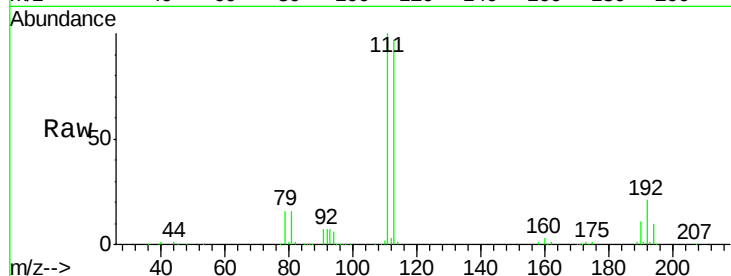




#35  
 Dibromofluoromethane  
 Concen: 47.74 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN049492.D  
 Acq: 22 Jun 2018 15:32

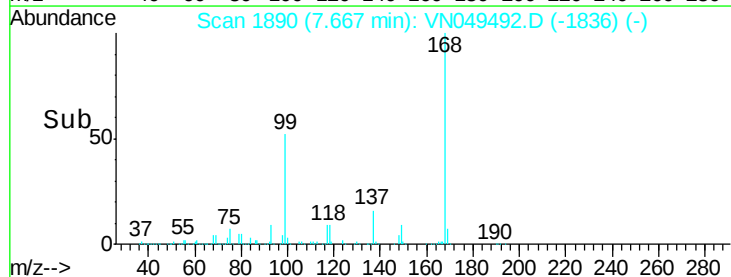
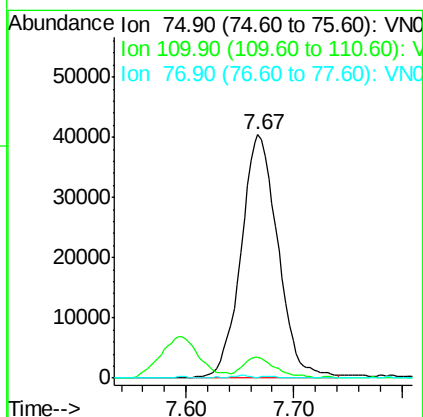
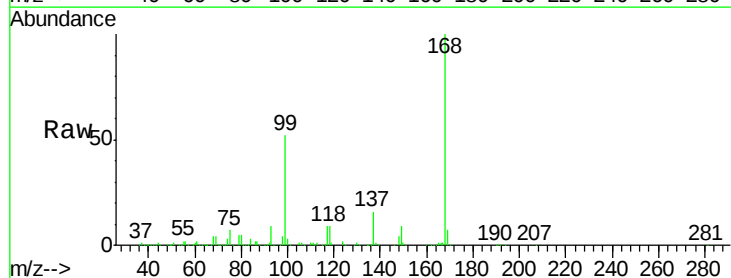
Instrument :  
 MSVOA\_N  
 ClientSampleId :

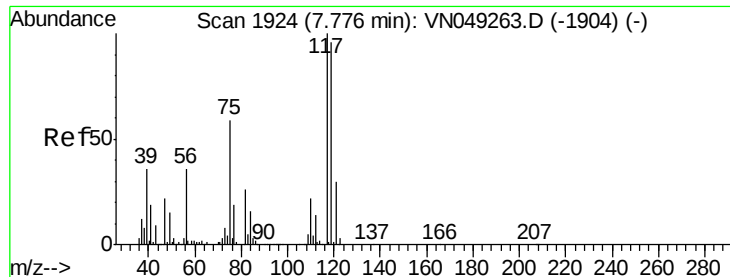
Tot Ion:113 Resp: 833525  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 82.4 123.6  
 192 21.8 15.0 22.6



#36  
 1,1-Dichloropropene  
 Concen: 3.88 ug/l  
 RT: 7.67 min Scan# 1890  
 Delta R.T. -0.13 min  
 Lab File: VN049492.D  
 Acq: 22 Jun 2018 15:32

Tgt Ion: 75 Resp: 96015  
 Ion Ratio Lower Upper  
 75 100  
 110 7.6 17.0 50.9#  
 77 0.3 24.4 36.6#

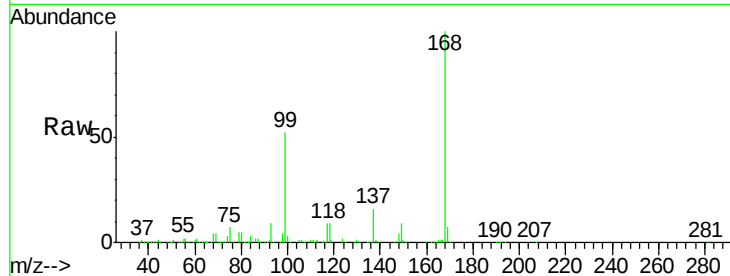




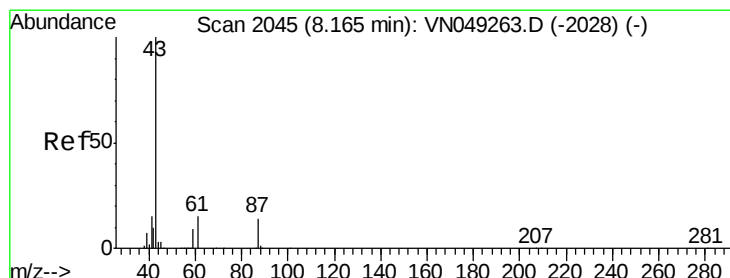
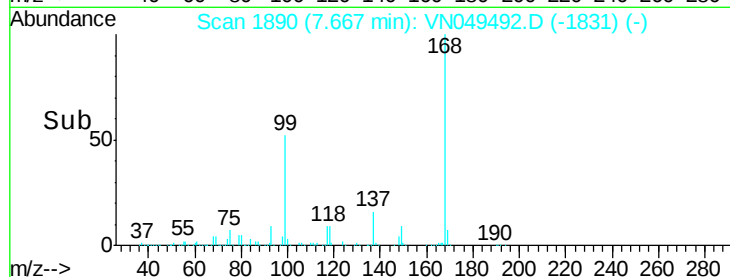
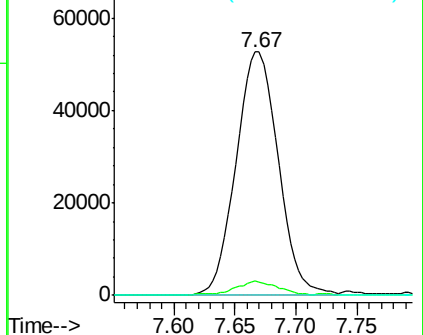
#38  
Carbon Tetrachloride  
Concen: 4.95 ug/l  
RT: 7.67 min Scan# 1890  
Delta R.T. -0.11 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 126703  
Ion Ratio Lower Upper  
117 100  
119 6.0 75.6 113.4#  
121 0.0 24.7 37.1#

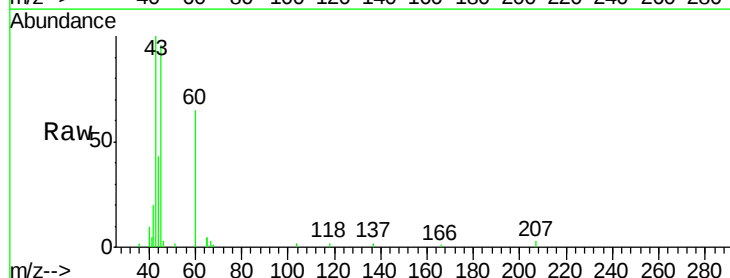


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

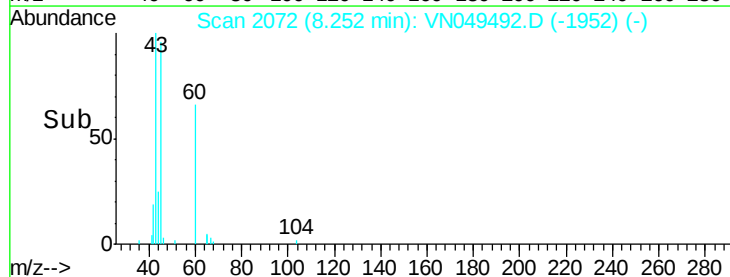
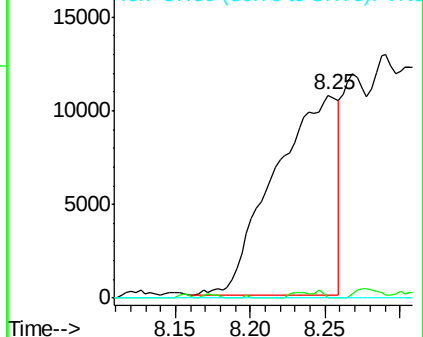


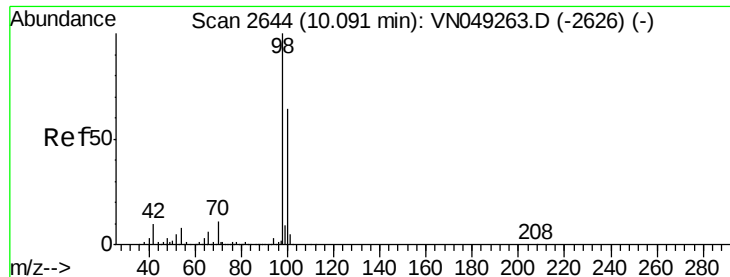
#43  
Isopropyl Acetate  
Concen: 1.22 ug/l  
RT: 8.25 min Scan# 2072  
Delta R.T. 0.09 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion: 43 Resp: 31275  
Ion Ratio Lower Upper  
43 100  
61 0.0 14.2 21.4#  
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 61.00 (60.70 to 61.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 45.35 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA\_N

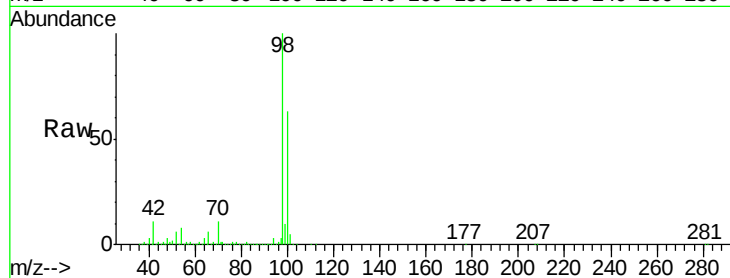
ClientSampleId :

Tot Ion: 98 Resp: 3014984

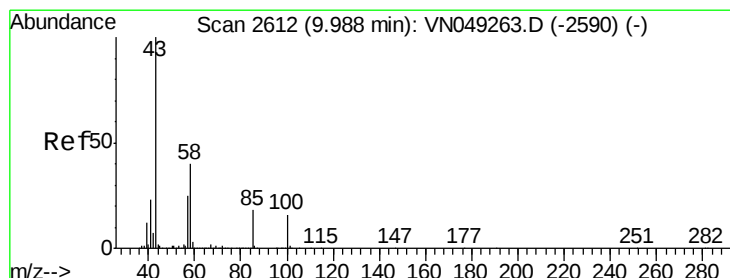
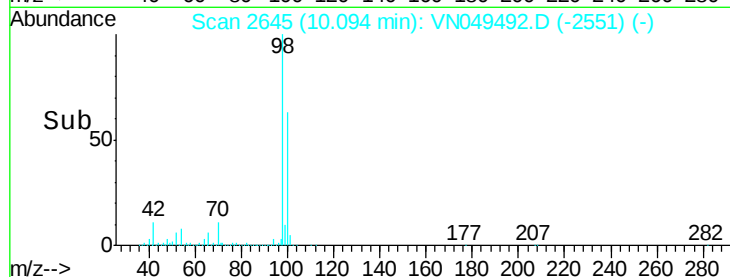
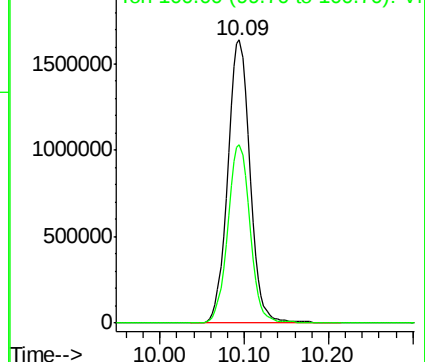
Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.8



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



#51

4-Methyl-2-Pentanone

Concen: 1.44 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049492.D

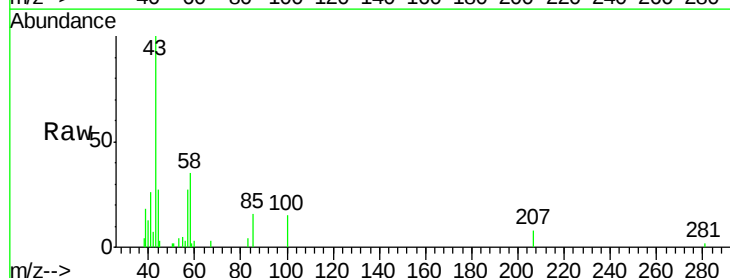
Acq: 22 Jun 2018 15:32

Tgt Ion: 43 Resp: 19425

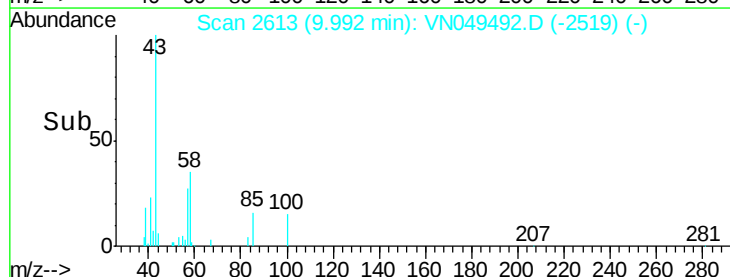
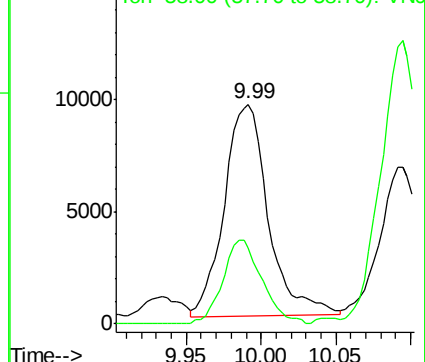
Ion Ratio Lower Upper

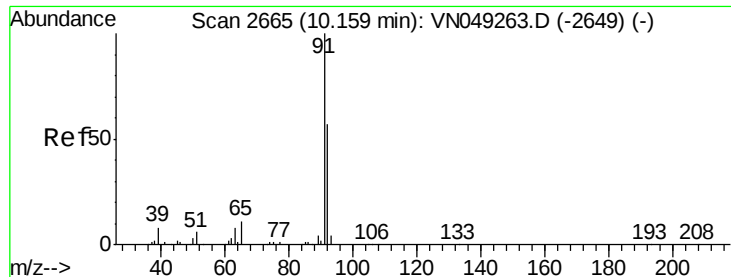
43 100

58 35.1 29.0 43.6



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





#52

Toluene

Concen: 0.60 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA\_N

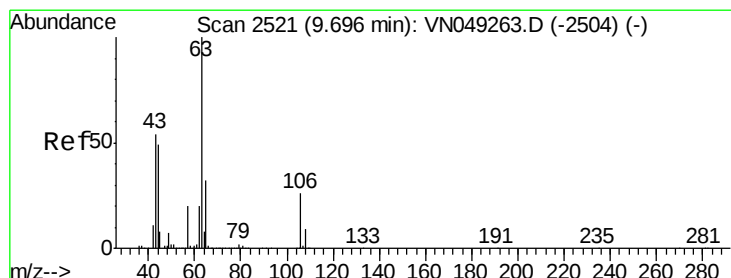
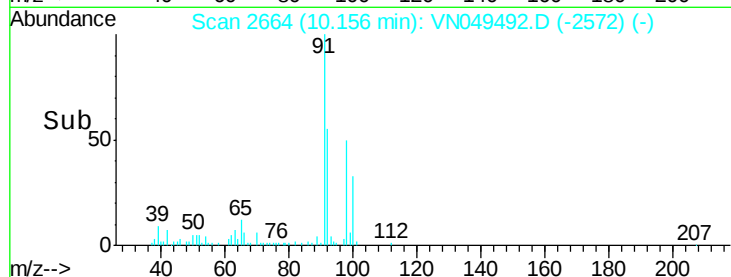
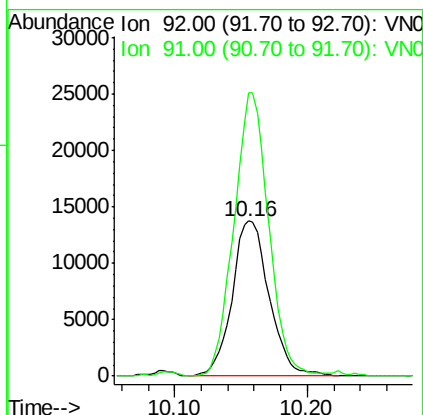
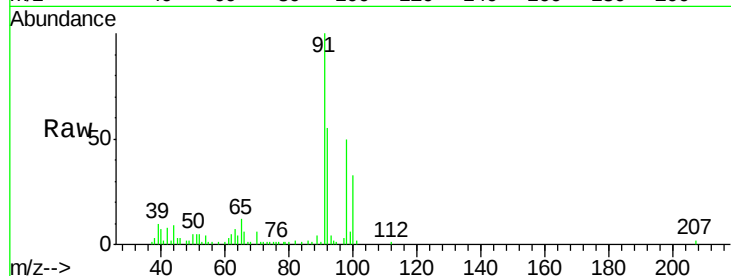
ClientSampled :

Tot Ion: 92 Resp: 26653

Ion Ratio Lower Upper

92 100

91 171.4 143.4 215.2



#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.88 min Scan# 2577

Delta R.T. 0.18 min

Lab File: VN049492.D

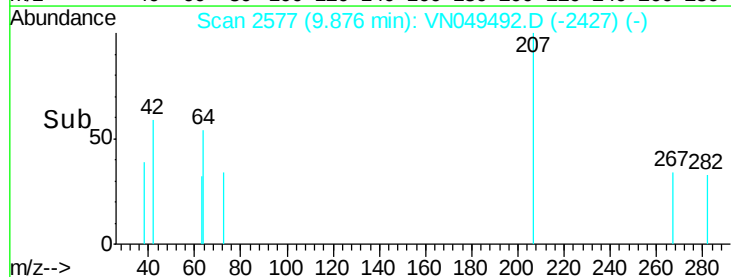
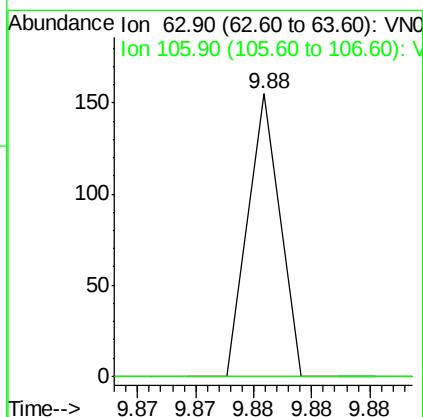
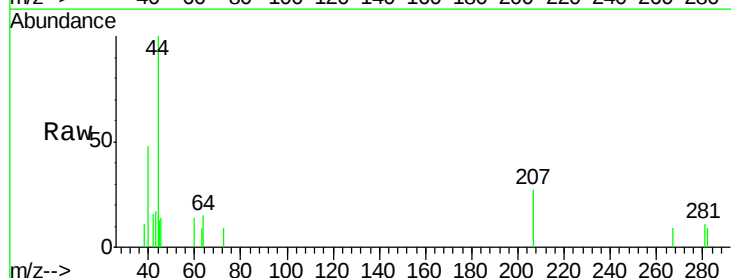
Acq: 22 Jun 2018 15:32

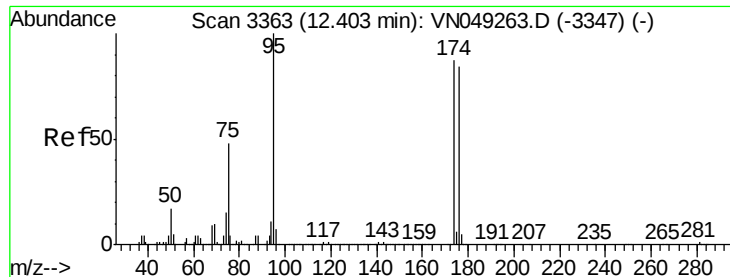
Tgt Ion: 63 Resp: 30

Ion Ratio Lower Upper

63 100

106 96.7 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 35.65 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA\_N

ClientSampleId :

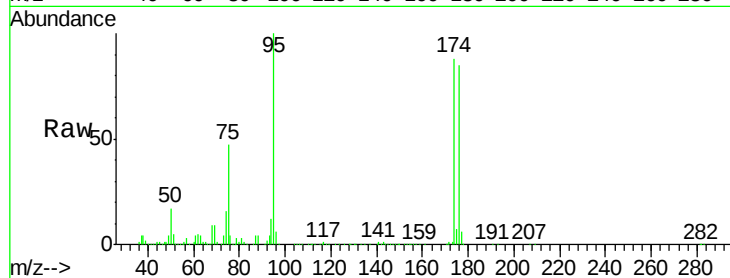
Tot Ion: 95 Resp: 783656

Ion Ratio Lower Upper

95 100

174 89.5 0.0 165.6

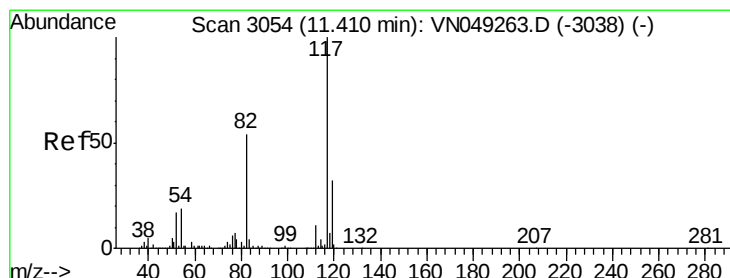
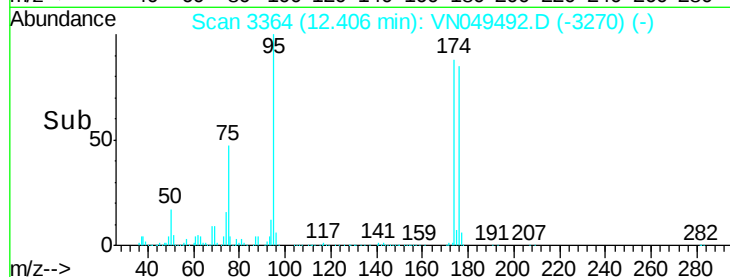
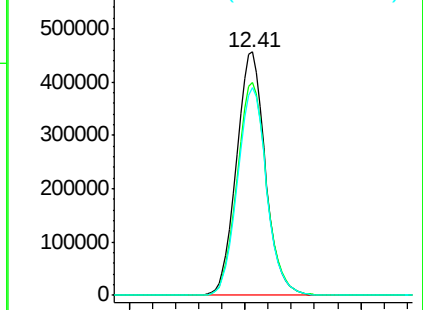
176 86.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049492.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049492.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049492.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

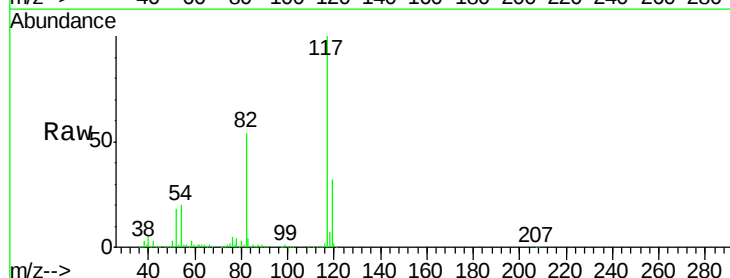
Tgt Ion: 117 Resp: 1833376

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

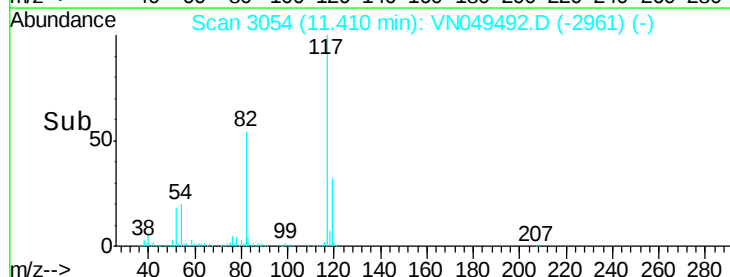
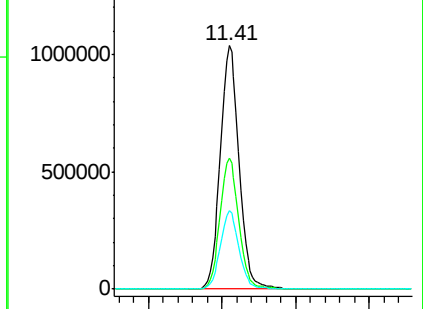
119 32.1 25.5 38.3

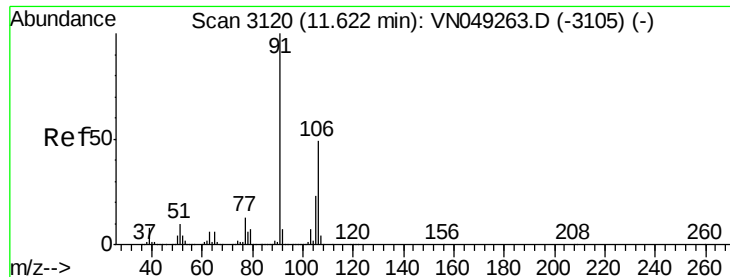


Abundance Ion 116.90 (116.60 to 117.60): VN049492.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049492.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049492.D (-3038) (-)

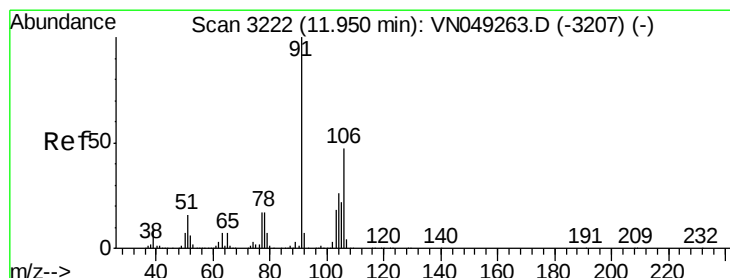
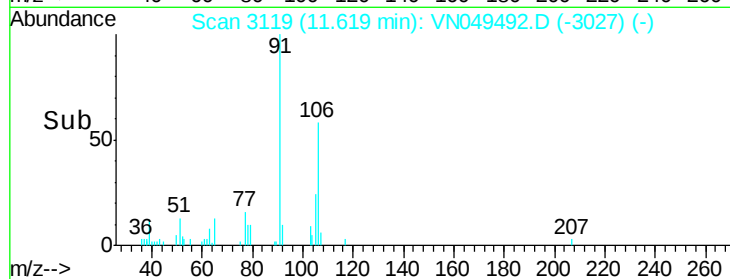
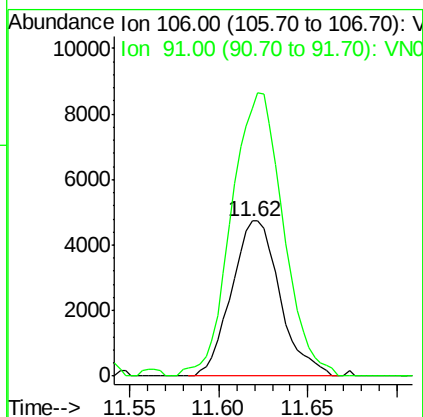
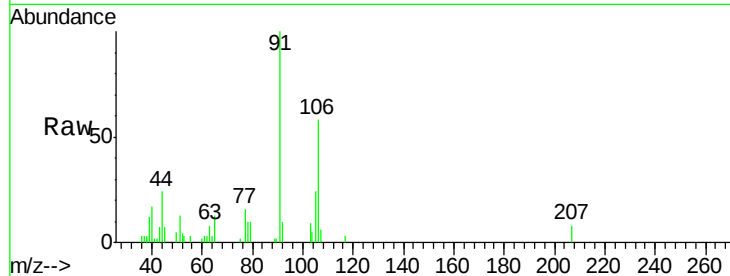




#68  
m/p-Xylenes  
Concen: 0.30 ug/l  
RT: 11.62 min Scan# 3119  
Delta R.T. -0.00 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

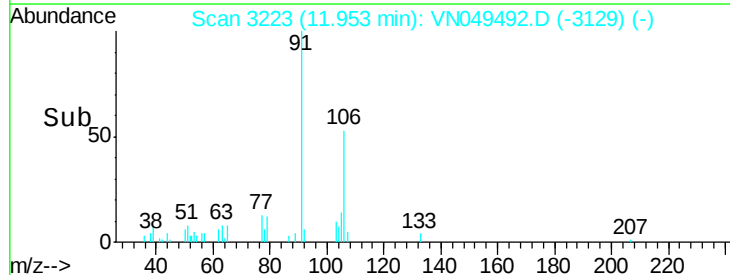
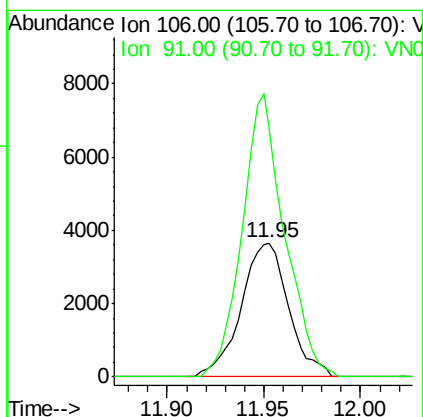
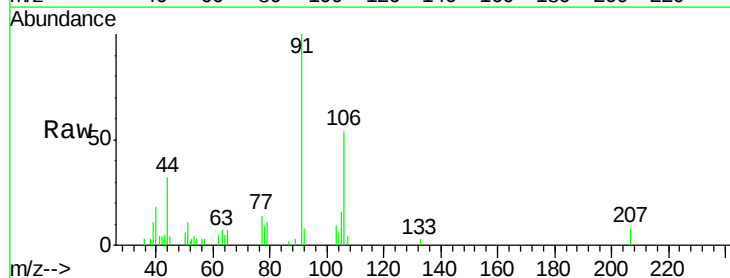
Instrument :  
MSVOA\_N  
ClientSampleId :

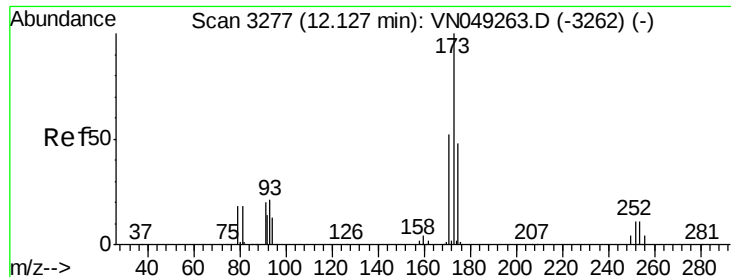
Tot Ion:106 Resp: 8939  
Ion Ratio Lower Upper  
106 100  
91 195.3 167.3 250.9



#69  
o-Xylene  
Concen: 0.22 ug/l  
RT: 11.95 min Scan# 3223  
Delta R.T. 0.00 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion:106 Resp: 6232  
Ion Ratio Lower Upper  
106 100  
91 189.2 111.0 333.0





#71

Bromoform

Concen: 0.51 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA\_N

ClientSampled :

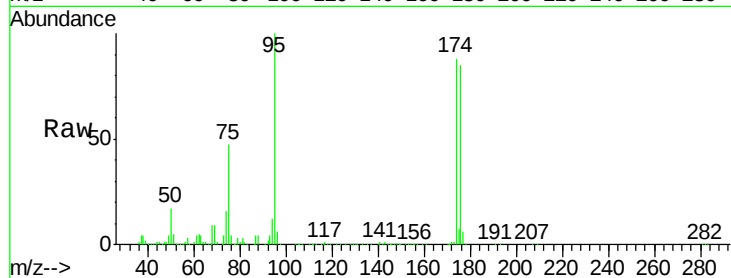
Tot Ion:173 Resp: 5819

Ion Ratio Lower Upper

173 100

175 683.8 24.5 73.5#

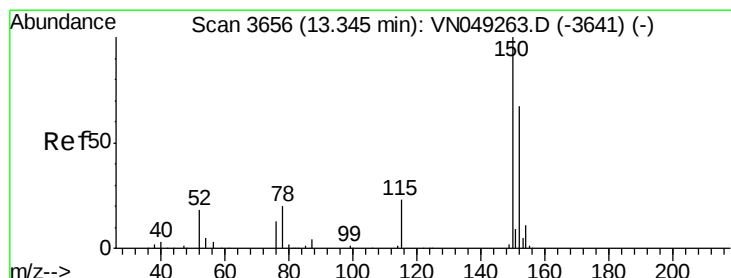
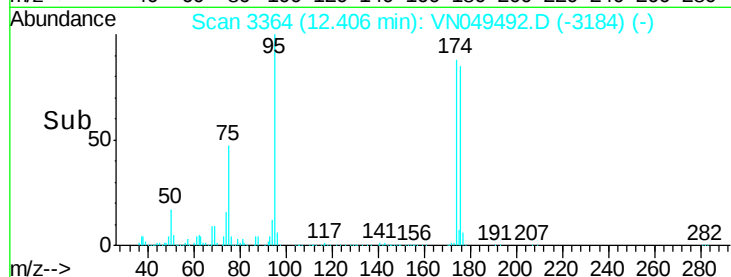
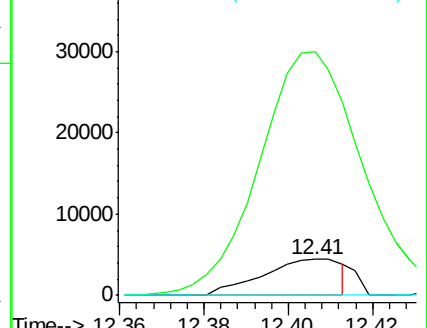
254 0.0 0.1 0.1#



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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

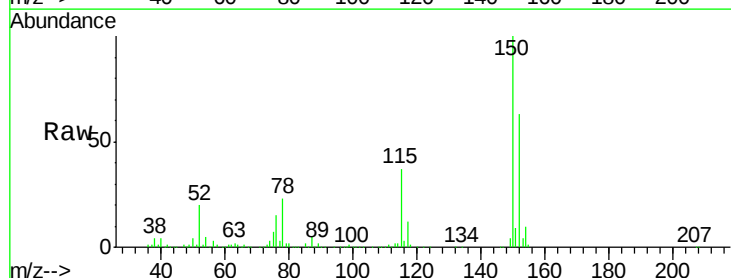
Tgt Ion:152 Resp: 546425

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

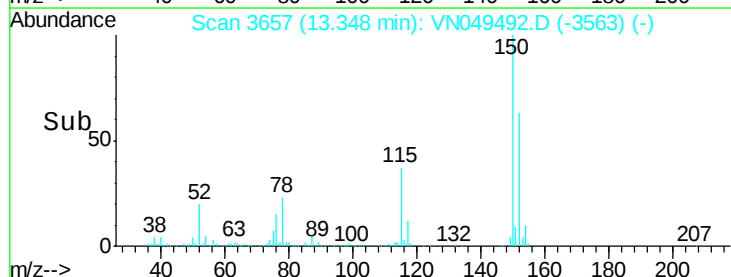
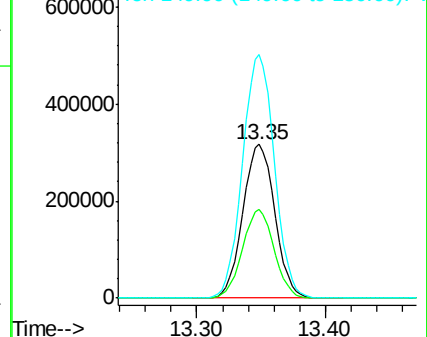
150 157.5 0.0 351.0

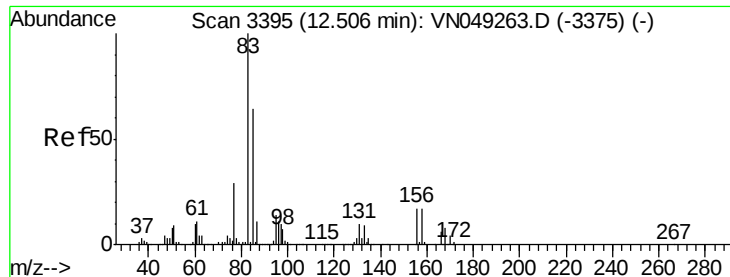


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA\_N

ClientSampleId :

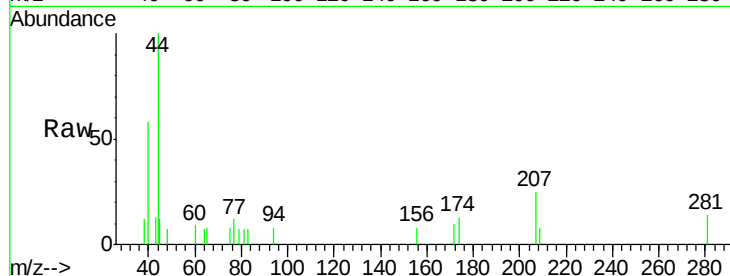
Tot Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

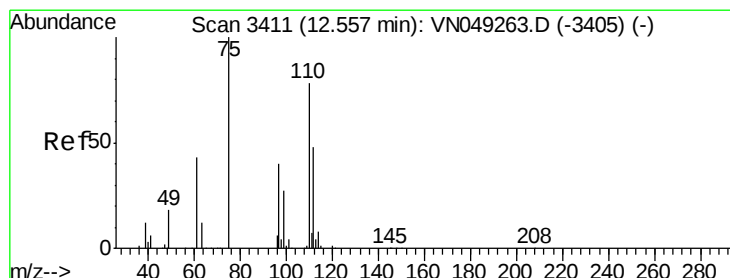
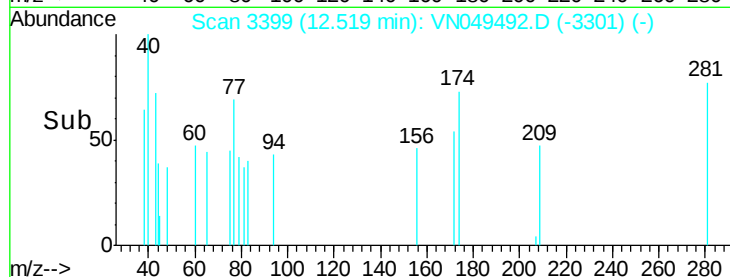
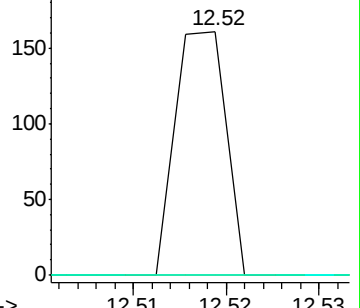
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 40.78 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049492.D

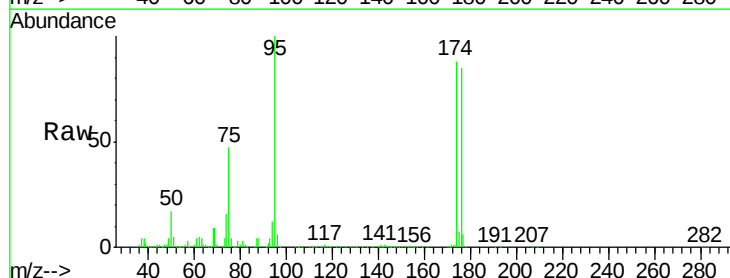
Acq: 22 Jun 2018 15:32

Tgt Ion: 75 Resp: 380248

Ion Ratio Lower Upper

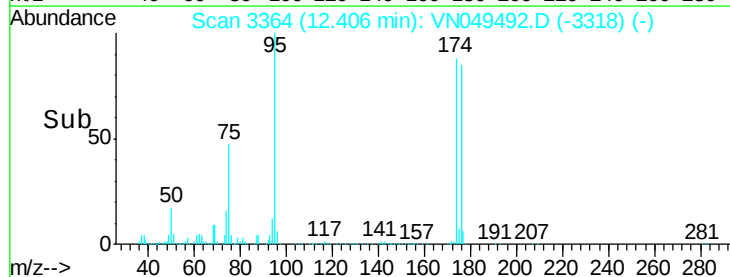
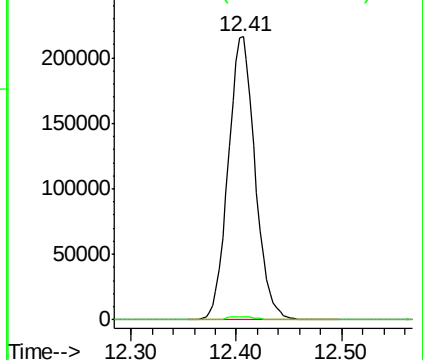
75 100

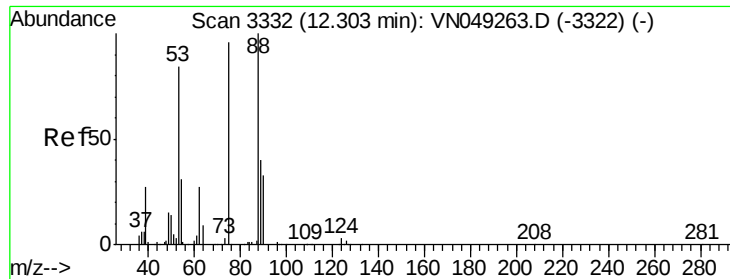
77 0.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC

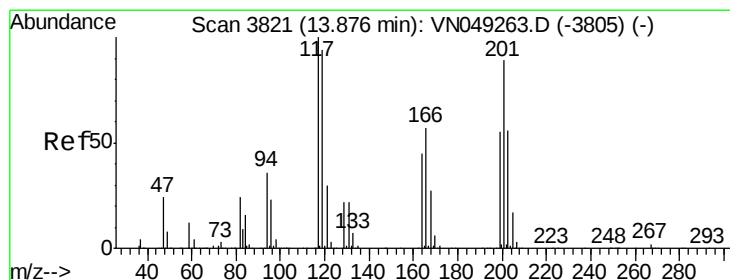
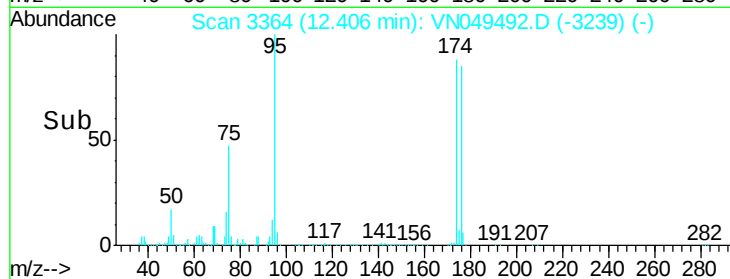
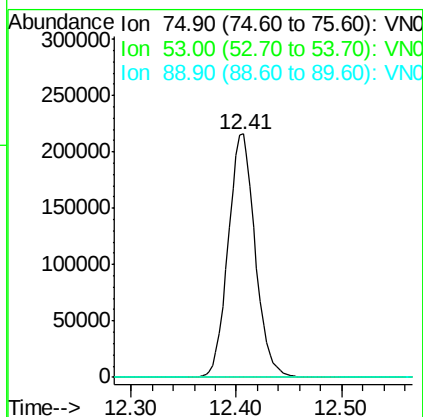
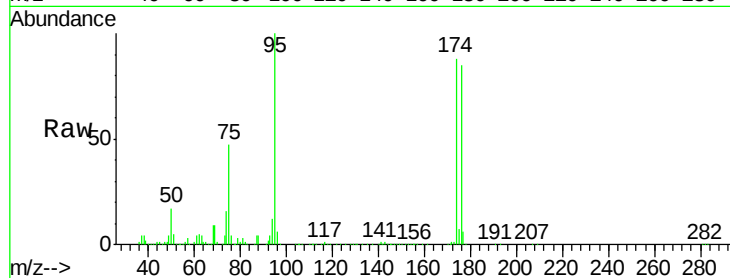




#81  
trans-1,4-Dichloro-2-butene  
Concen: 128.90 ug/l  
RT: 12.41 min Scan# 3364  
Delta R.T. 0.10 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

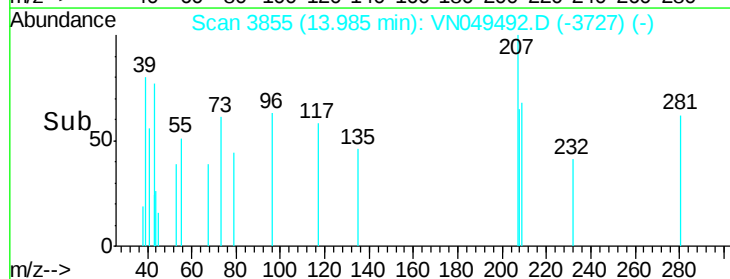
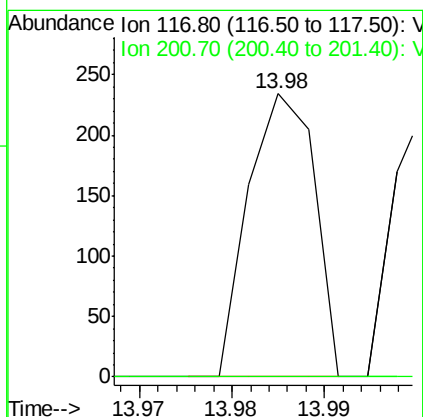
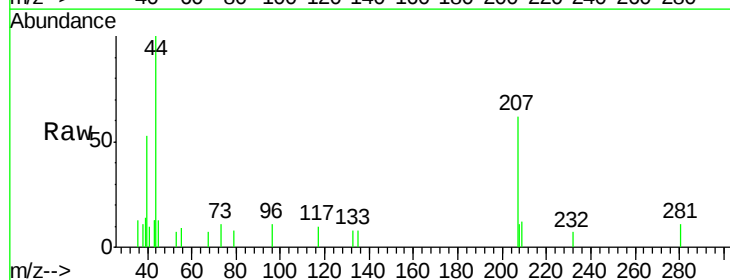
Instrument :  
MSVOA\_N  
ClientSampleId :

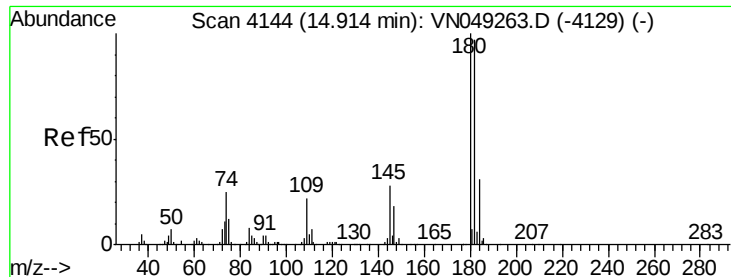
Tot Ion: 75 Resp: 380248  
Ion Ratio Lower Upper  
75 100  
53 0.1 82.7 124.1#  
89 0.0 36.5 54.7#



#90  
Hexachloroethane  
Concen: Below Cal  
RT: 13.98 min Scan# 3855  
Delta R.T. 0.11 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion: 117 Resp: 115  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.1 120.2#

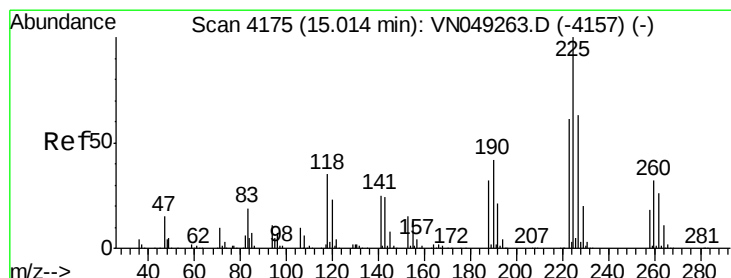
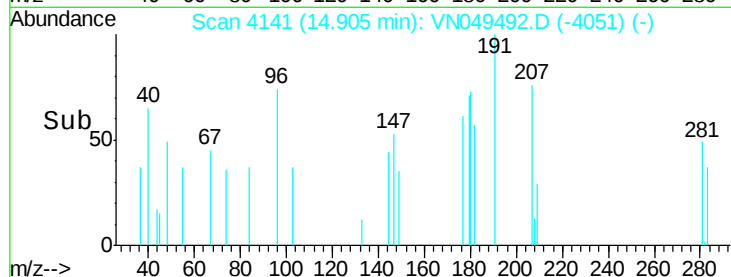
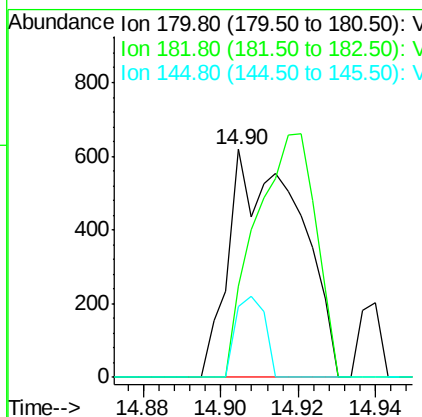
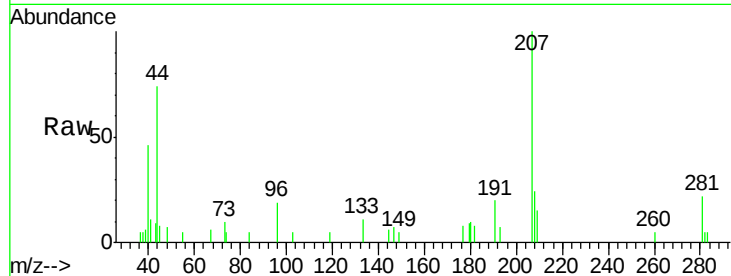




#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.82 ua/l  
 RT: 14.90 min Scan# 4141  
 Delta R.T. -0.01 min  
 Lab File: VN049492.D  
 Acq: 22 Jun 2018 15:32

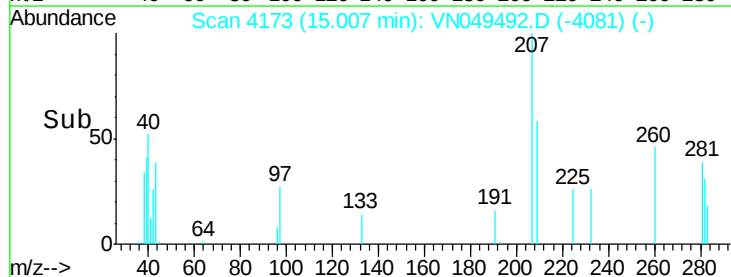
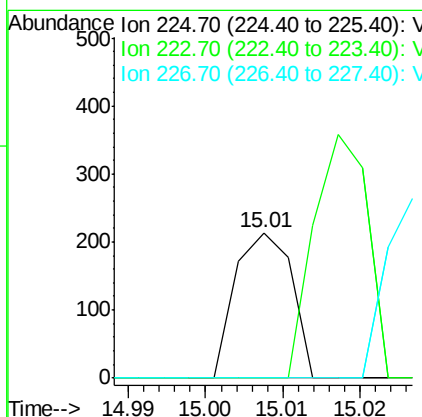
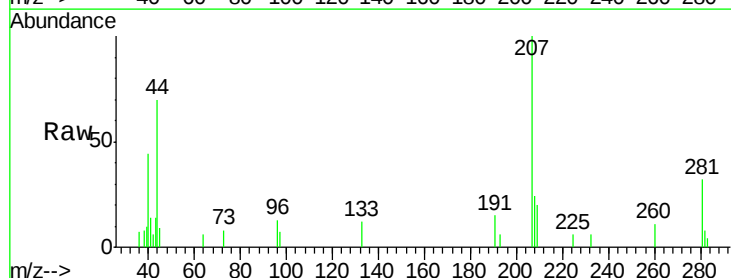
Instrument :  
 MSVOA\_N  
 ClientSampled :

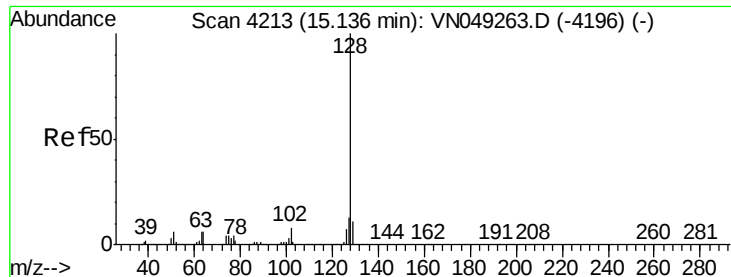
Tot Ion:180 Resp: 776  
 Ion Ratio Lower Upper  
 180 100  
 182 92.3 46.9 140.8  
 145 14.7 14.7 44.1#



#94  
 Hexachlorobutadiene  
 Concen: Below Cal  
 RT: 15.01 min Scan# 4173  
 Delta R.T. -0.01 min  
 Lab File: VN049492.D  
 Acq: 22 Jun 2018 15:32

Tgt Ion:225 Resp: 109  
 Ion Ratio Lower Upper  
 225 100  
 223 157.8 32.1 96.3#  
 227 121.1 31.8 95.3#

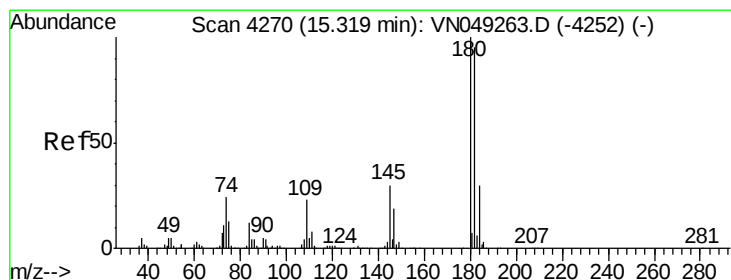
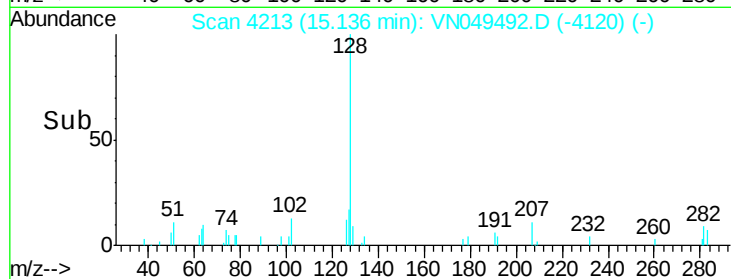
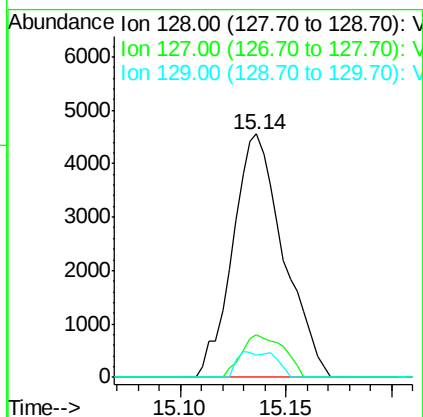
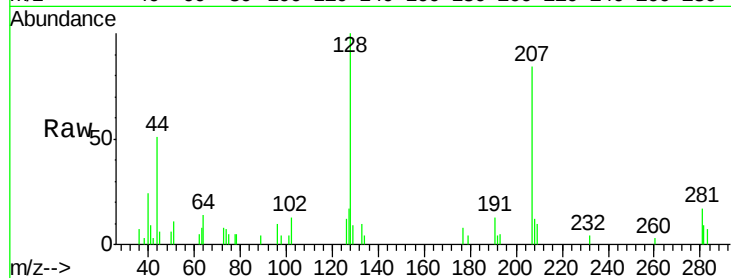




#95  
Naphthalene  
Concen: 2.58 ug/l  
RT: 15.14 min Scan# 4213  
Delta R.T. 0.00 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:128 Resp: 7608  
Ion Ratio Lower Upper  
128 100  
127 14.5 10.6 16.0  
129 7.9 8.5 12.7#



#96  
1,2,3-Trichlorobenzene  
Concen: 3.53 ug/l  
RT: 15.33 min Scan# 4272  
Delta R.T. 0.01 min  
Lab File: VN049492.D  
Acq: 22 Jun 2018 15:32

Tgt Ion:180 Resp: 700  
Ion Ratio Lower Upper  
180 100  
182 93.0 47.3 141.8  
145 21.0 15.6 46.7

