

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\  
 Data File : VN054800.D  
 Acq On : 30 Mar 2019 14:13  
 Operator : JC/SP  
 Sample : K2043-03ME  
 Misc : 6.02g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 30 22:39:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 00:48:18 2019  
 Response via : Initial Calibration

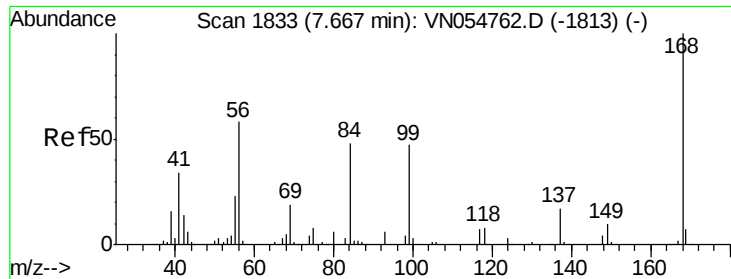
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 459239   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 759483   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 656945   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 257631   | 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   | 308378   | 49.81 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.62% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 238962   | 47.19 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.38% |          |
| 50) Toluene-d8              | 10.09 | 98   | 913615   | 48.53 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.06% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 299791   | 47.89 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.78% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.52  | 94   | 626      | Below Cal |        | 81     |
| 11) Tert butyl alcohol         | 4.74  | 59   | 314      | 0.974     | ug/l # | 70     |
| 13) Acrolein                   | 3.60  | 56   | 207      | 0.718     | ug/l # | 68     |
| 16) Acetone                    | 3.82  | 43   | 898      | 0.608     | ug/l # | 38     |
| 18) Methyl Acetate             | 4.34  | 43   | 5146     | 0.427     | ug/l # | 64     |
| 20) Methylene Chloride         | 4.54  | 84   | 2915     | 0.560     | ug/l # | 71     |
| 25) 2-Butanone                 | 6.86  | 43   | 503      | 0.231     | ug/l # | 46     |
| 31) Cyclohexane                | 7.66  | 56   | 10254    | Below Cal | #      | 30     |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 35793    | 5.058     | ug/l # | 42     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 44583    | 6.486     | ug/l # | 16     |
| 44) Trichloroethene            | 8.83  | 130  | 1580     | 0.301     | ug/l   | 91     |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 1137     | 0.254     | ug/l # | 15     |
| 60) Dibromochloromethane       | 10.63 | 129  | 959      | 0.211     | ug/l # | 11     |
| 65) Chlorobenzene              | 11.43 | 112  | 106420   | 8.274     | ug/l   | 98     |
| 71) Bromoform                  | 12.40 | 173  | 3104     | 1.101     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.05 | 43   | 5417     | 0.826     | ug/l # | 63     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 156      | Below Cal | #      | 26     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 157119   | 35.105    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 157119   | 136.551   | ug/l # | 11     |
| 83) tert-Butylbenzene          | 12.99 | 119  | 4051     | Below Cal |        | 82     |
| 85) sec-Butylbenzene           | 13.17 | 105  | 5440     | 0.290     | ug/l # | 30     |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 9157     | 1.076     | ug/l # | 83     |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 11986    | 1.436     | ug/l # | 60     |
| 89) n-Butylbenzene             | 13.61 | 91   | 4534     | 0.336     | ug/l   | 84     |
| 90) Hexachloroethane           | 13.89 | 117  | 850      | 0.302     | ug/l # | 2      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 5717     | 0.666     | ug/l # | 77     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 2396     | 0.579     | ug/l # | 41     |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

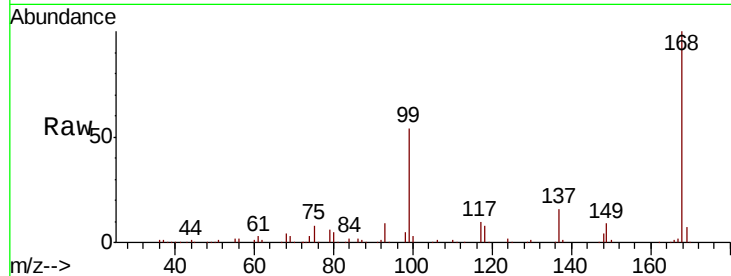
ClientSampled :

Tot Ion:168 Resp: 459239

Ion Ratio Lower Upper

168 100

99 54.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.66

200000

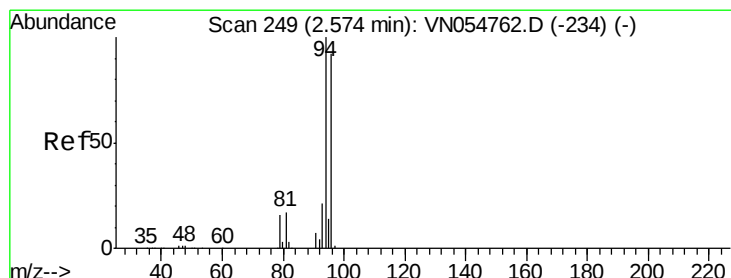
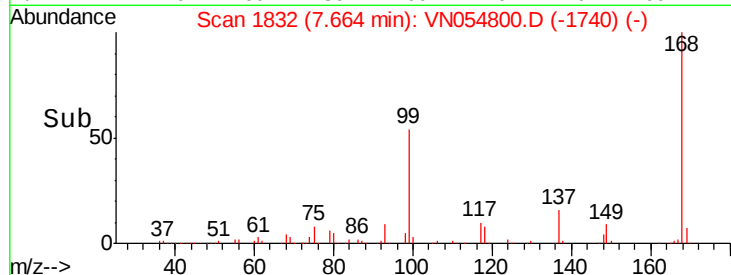
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.52 min Scan# 232

Delta R.T. -0.05 min

Lab File: VN054800.D

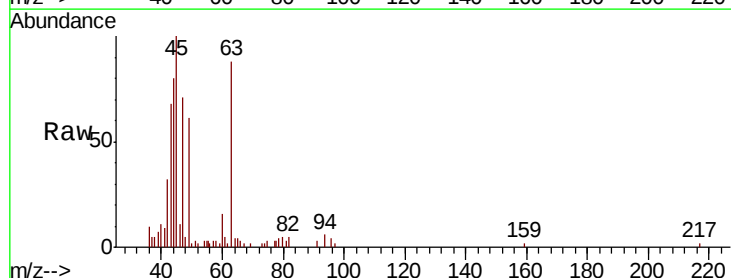
Acq: 30 Mar 2019 14:13

Tgt Ion: 94 Resp: 626

Ion Ratio Lower Upper

94 100

96 77.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN054762.D (-234) (-)

Ion 95.90 (95.60 to 96.60): VN054762.D (-234) (-)

2.52

500

400

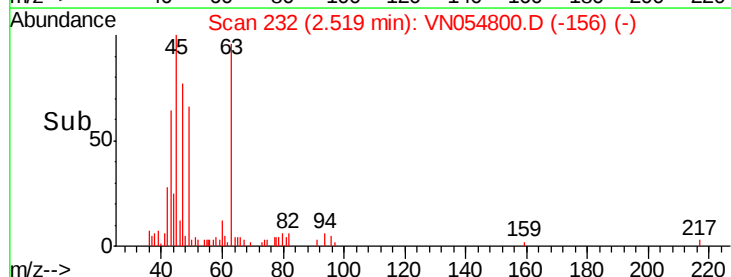
300

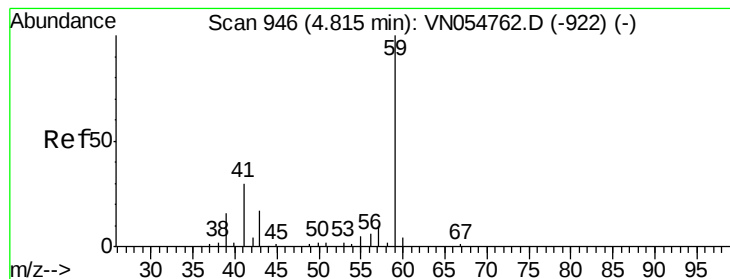
200

100

0

Time-->



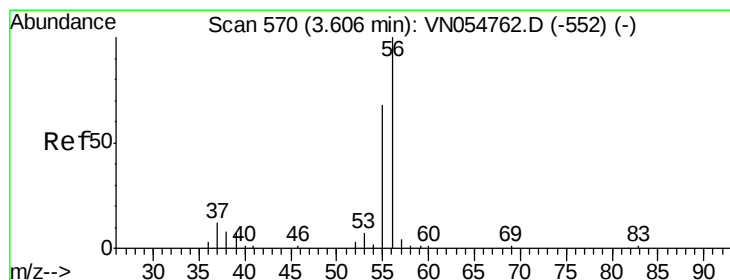
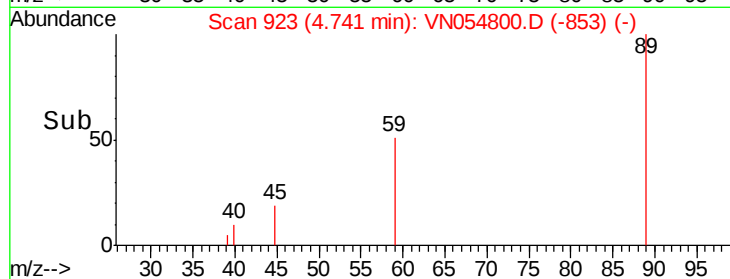
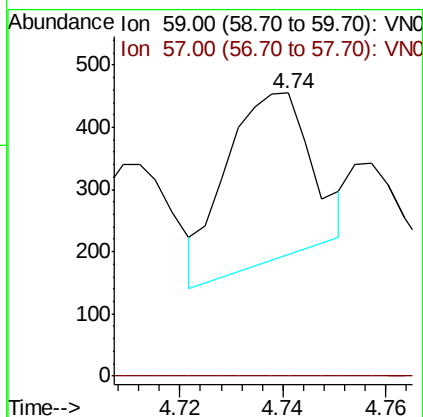
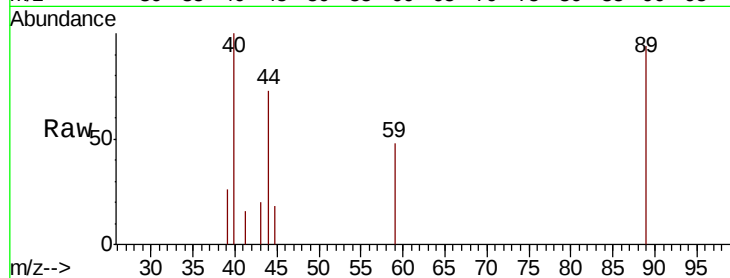


#11

Tert butyl alcohol  
 Concen: 0.974 ug/l  
 RT: 4.74 min Scan# 923  
 Delta R.T. -0.07 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Instrument :  
 MSVOA\_N  
 ClientSampled :

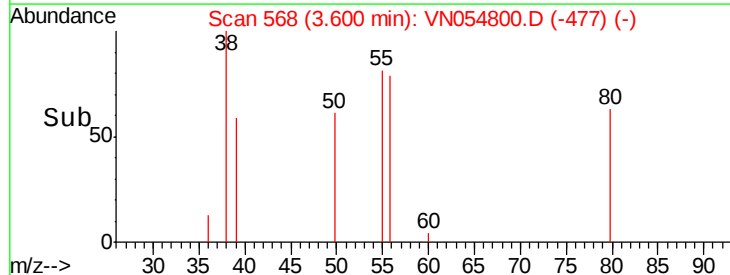
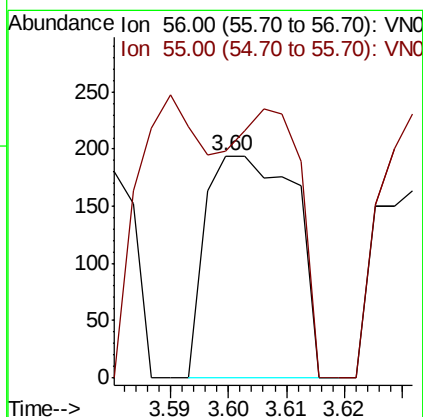
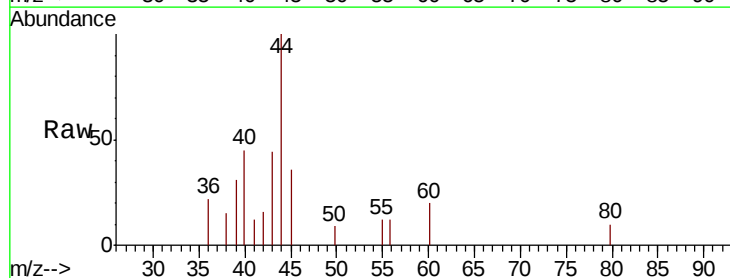
Tot Ion: 59 Resp: 314  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 9.0 13.6#

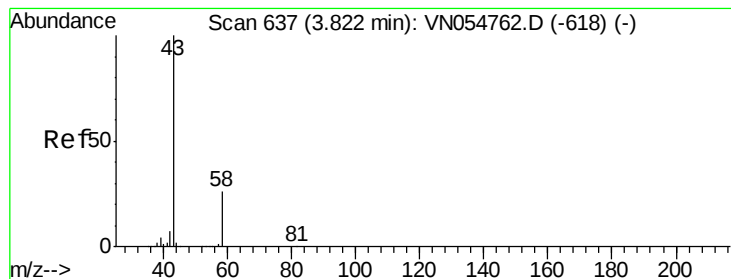


#13

Acrolein  
 Concen: 0.718 ug/l  
 RT: 3.60 min Scan# 568  
 Delta R.T. -0.01 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Tgt Ion: 56 Resp: 207  
 Ion Ratio Lower Upper  
 56 100  
 55 97.1 56.7 85.1#





#16

Acetone

Concen: 0.608 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

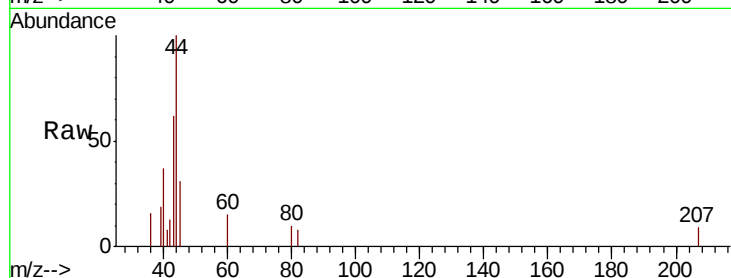
ClientSampled :

Tot Ion: 43 Resp: 898

Ion Ratio Lower Upper

43 100

58 0.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-618) (-)

3.82

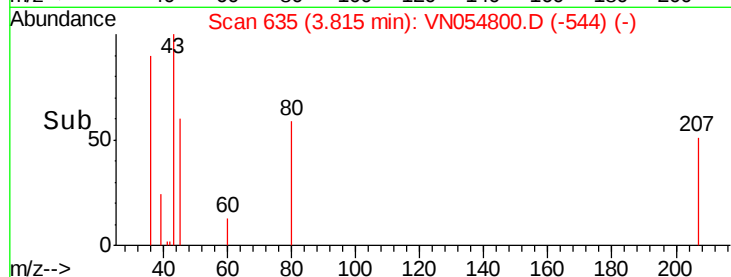
1500

1000

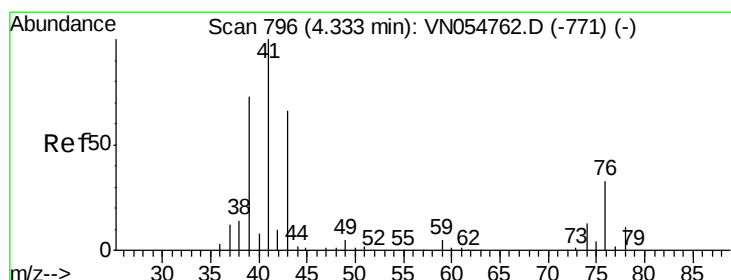
500

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 0.427 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.01 min

Lab File: VN054800.D

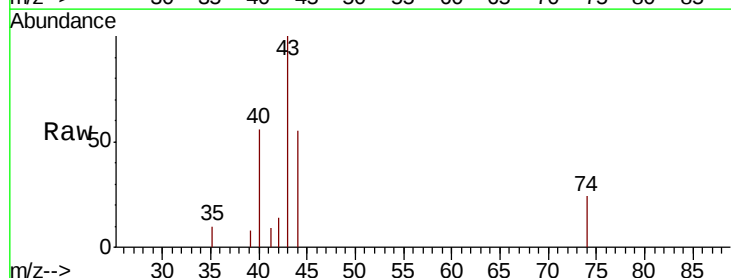
Acq: 30 Mar 2019 14:13

Tgt Ion: 43 Resp: 5146

Ion Ratio Lower Upper

43 100

74 7.8 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN054762.D (-771) (-)

4.34

2500

2000

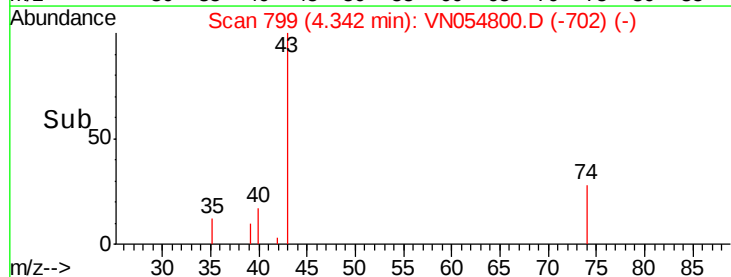
1500

1000

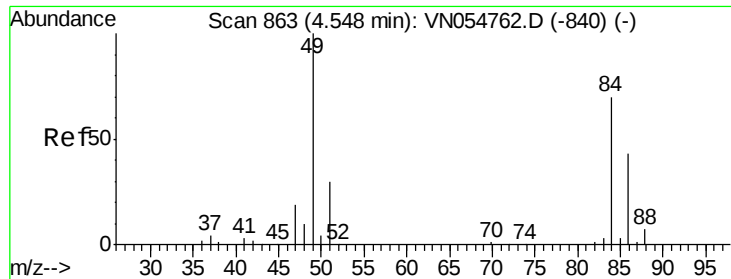
500

0

Time-->



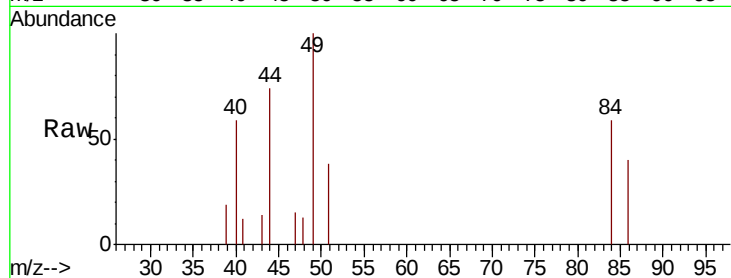
Time-->



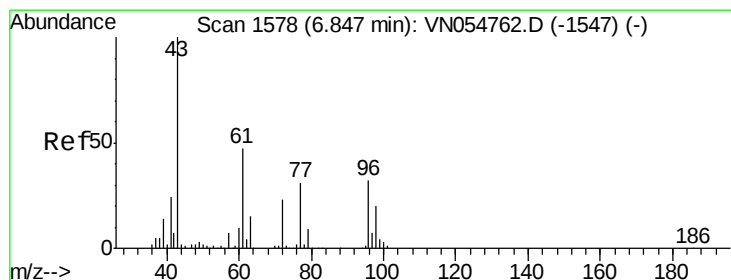
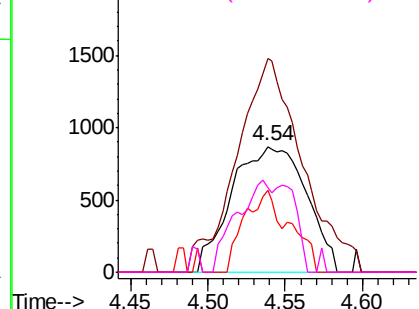
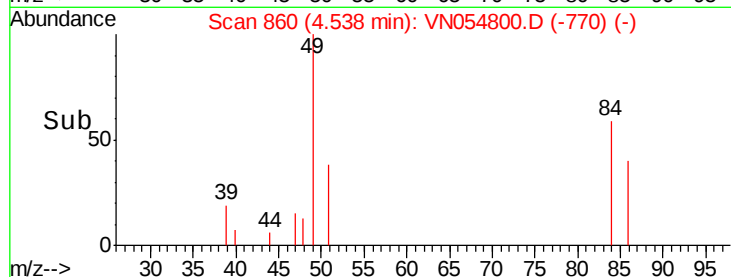
#20  
Methvlene Chloride  
Concen: 0.560 ug/l  
RT: 4.54 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 84 Resp: 2915  
Ion Ratio Lower Upper  
84 100  
49 149.5 89.7 134.5#  
51 64.7 28.2 42.4#  
86 67.6 50.8 76.2

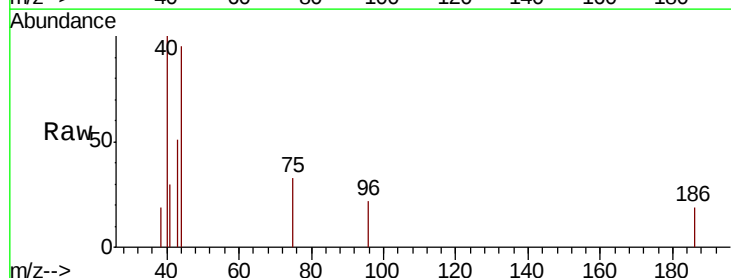


Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

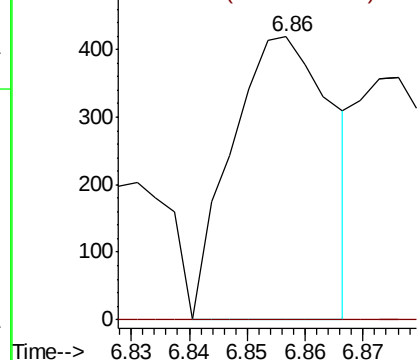
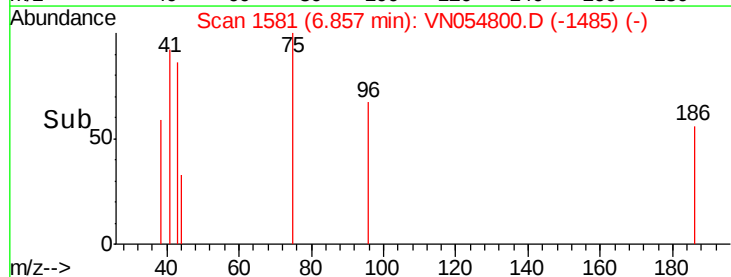


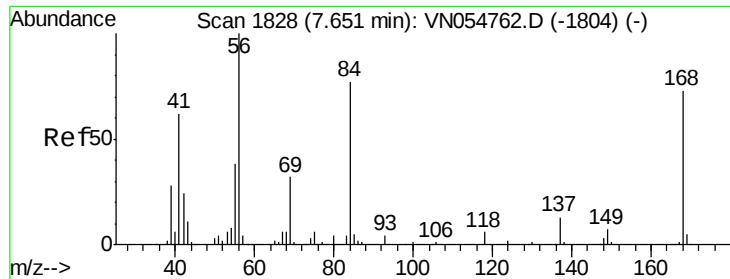
#25  
2-Butanone  
Concen: 0.231 ug/l  
RT: 6.86 min Scan# 1581  
Delta R.T. 0.01 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

Tgt Ion: 43 Resp: 503  
Ion Ratio Lower Upper  
43 100  
72 0.0 23.0 34.6#



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

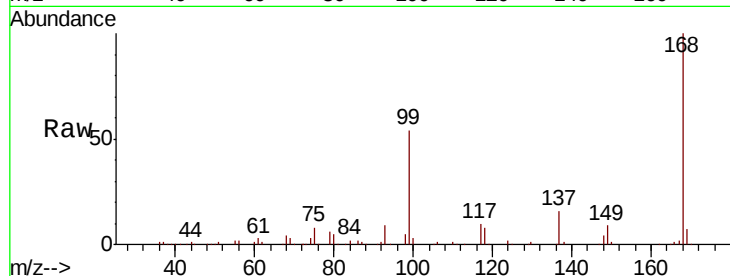




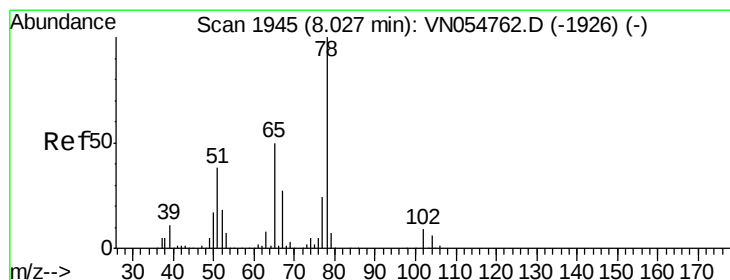
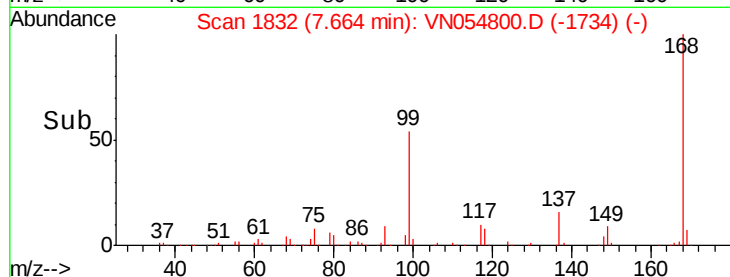
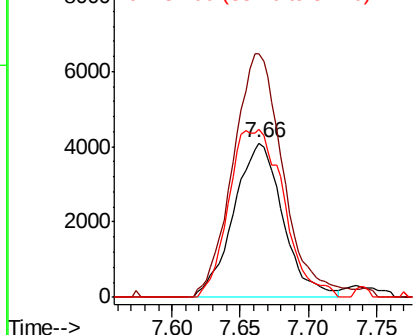
#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 10254  
Ion Ratio Lower Upper  
56 100  
69 158.0 27.8 41.6#  
84 109.1 74.6 111.8

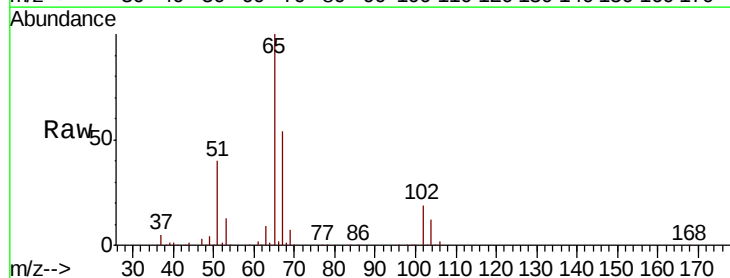


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

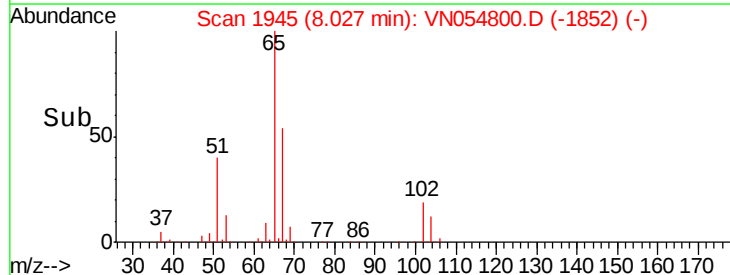
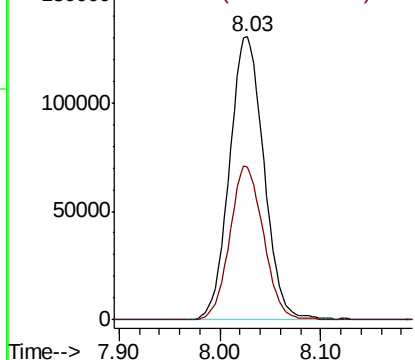


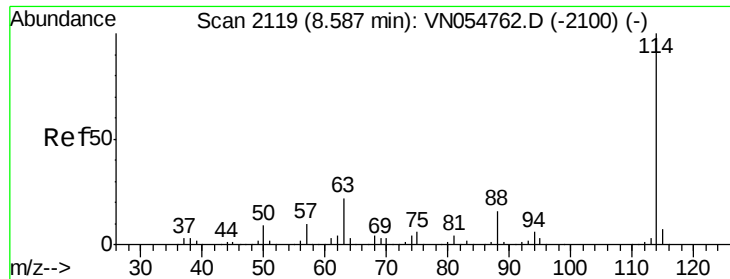
#33  
1,2-Dichloroethane-d4  
Concen: 49.813 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

Tgt Ion: 65 Resp: 308378  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 104.6



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

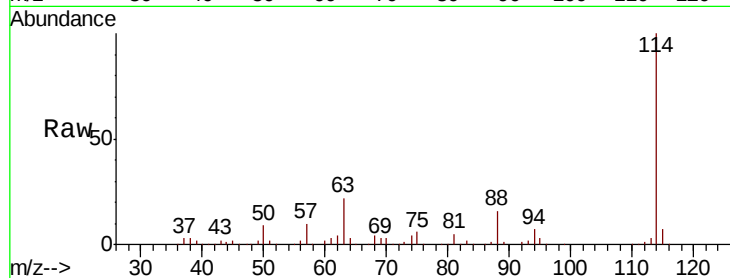




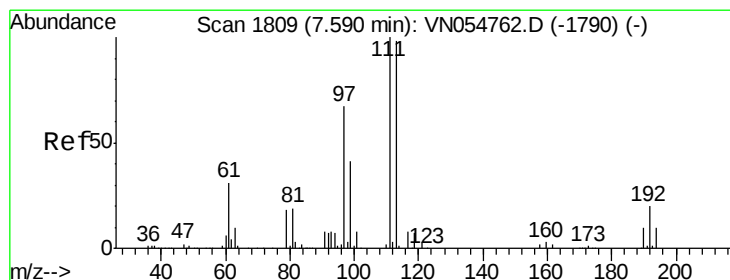
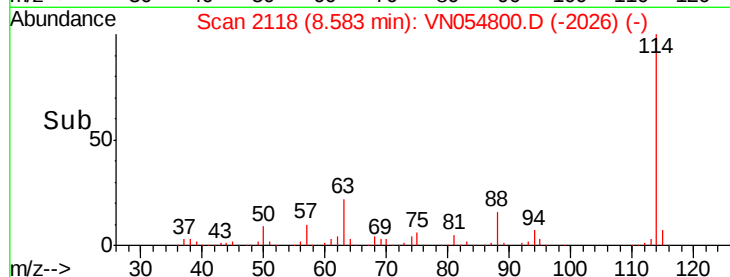
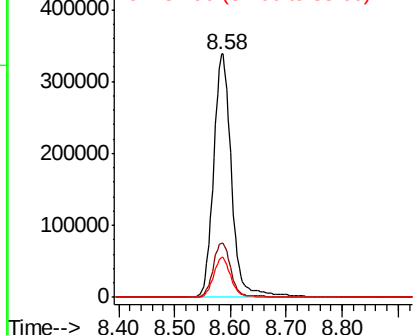
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:114 Resp: 759483  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 35.2  
 88 16.3 0.0 30.2

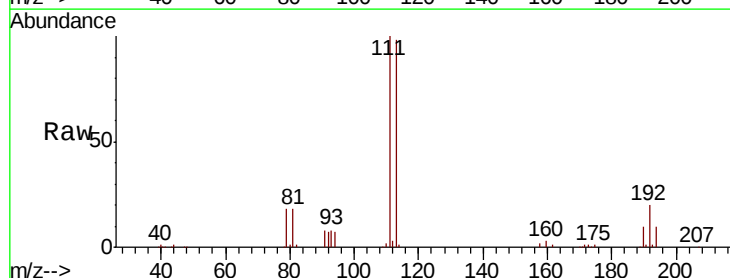


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

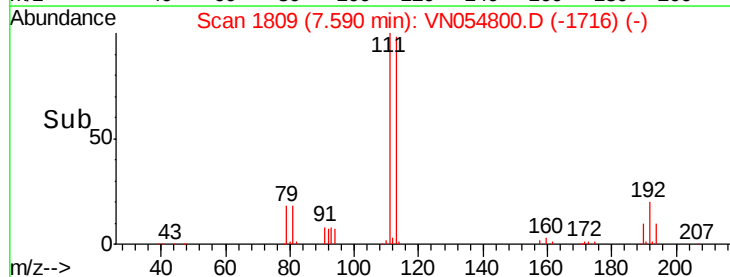
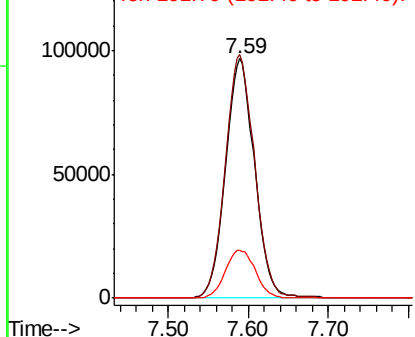


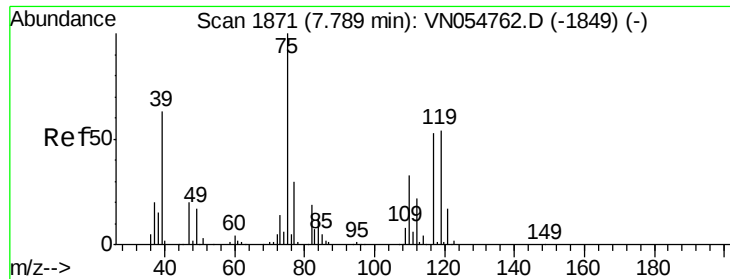
#35  
 Dibromofluoromethane  
 Concen: 47.194 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Tgt Ion:113 Resp: 238962  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 82.2 123.4  
 192 20.9 19.2 28.8



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

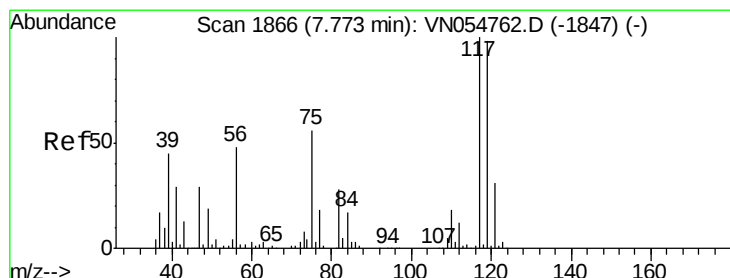
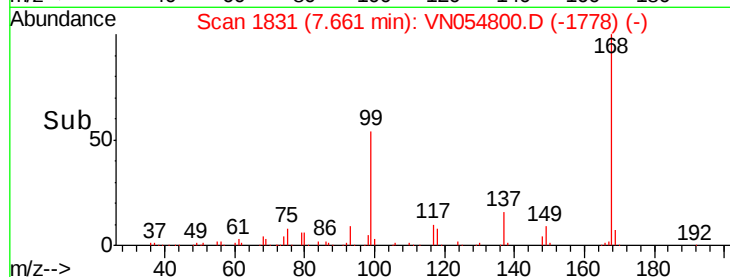
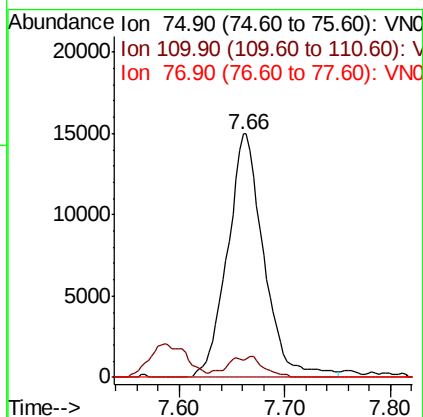
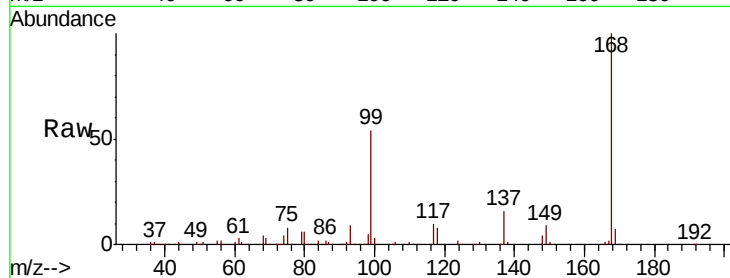




#36  
 1,1-Dichloropropene  
 Concen: 5.058 ug/l  
 RT: 7.66 min Scan# 1831  
 Delta R.T. -0.13 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

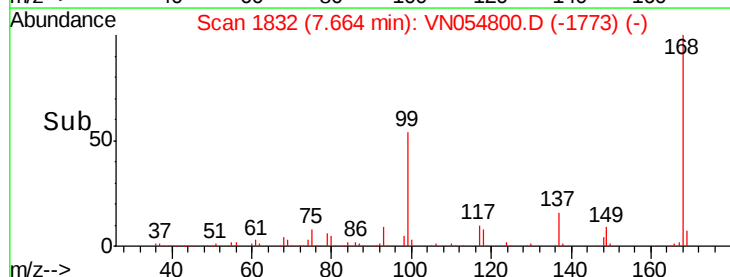
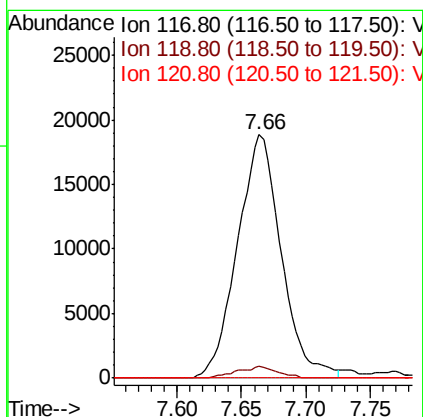
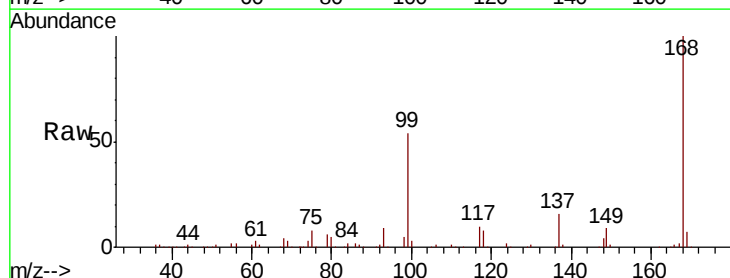
Instrument :  
 MSVOA\_N  
 ClientSampleId :

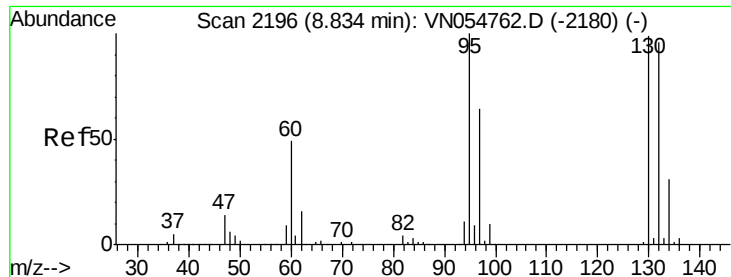
Tot Ion: 75 Resp: 35793  
 Ion Ratio Lower Upper  
 75 100  
 110 2.6 19.1 57.5#  
 77 0.0 25.0 37.4#



#38  
 Carbon Tetrachloride  
 Concen: 6.486 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.11 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Tgt Ion: 117 Resp: 44583  
 Ion Ratio Lower Upper  
 117 100  
 119 4.7 76.3 114.5#  
 121 0.0 24.6 36.8#

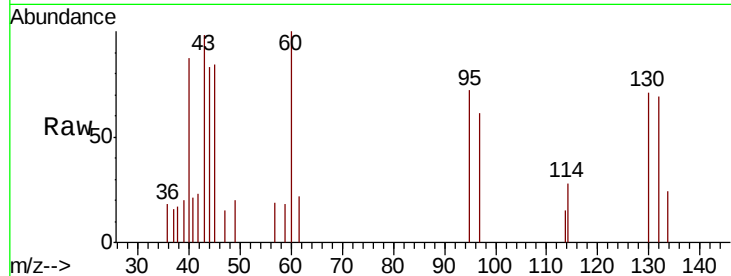




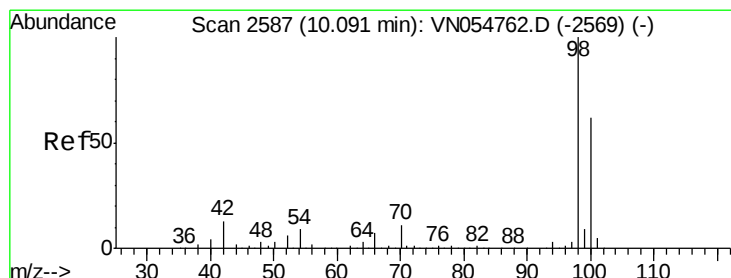
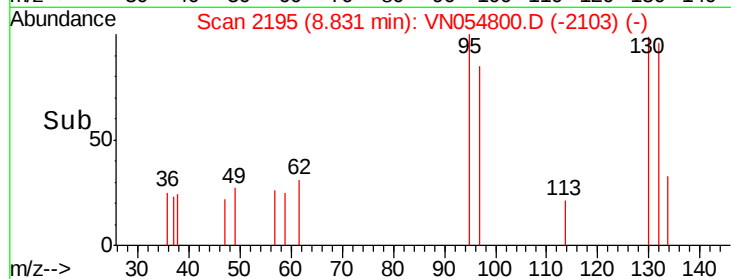
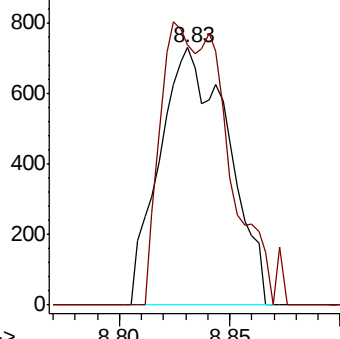
#44  
 Trichloroethene  
 Concen: 0.301 ug/l  
 RT: 8.83 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:130 Resp: 1580  
 Ion Ratio Lower Upper  
 130 100  
 95 101.1 0.0 185.2

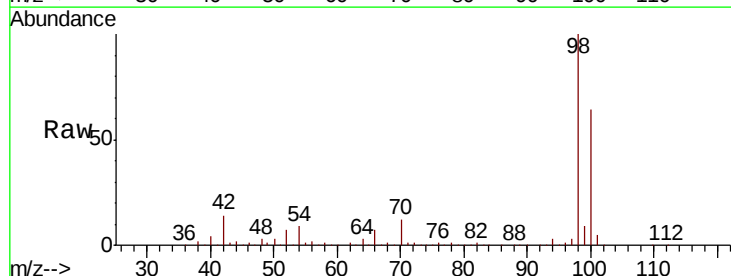


Abundance Ion 129.80 (129.50 to 130.50): VN054762.D (-2180) (-)  
 Ion 94.90 (94.60 to 95.60): VN054762.D (-2180) (-)

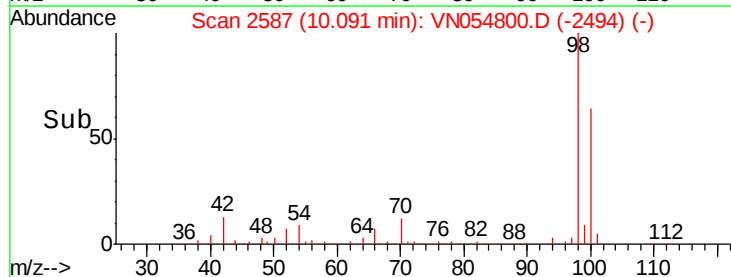
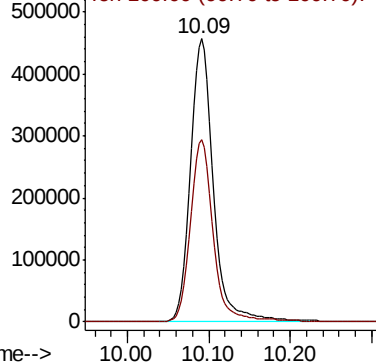


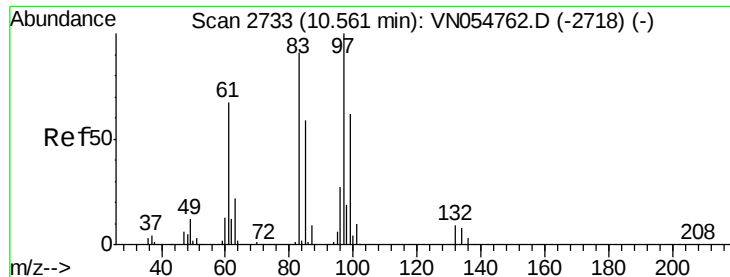
#50  
 Toluene-d8  
 Concen: 48.533 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. -0.00 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Tgt Ion: 98 Resp: 913615  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)  
 Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)





#55

1,1,2-Trichloroethane

Concen: 0.254 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

ClientSampled :

Tot Ion: 97 Resp: 1137

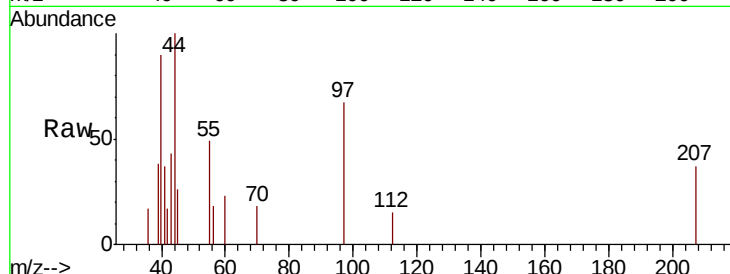
Ion Ratio Lower Upper

97 100

83 0.0 66.6 100.0#

85 0.0 44.4 66.6#

99 0.0 50.8 76.2#

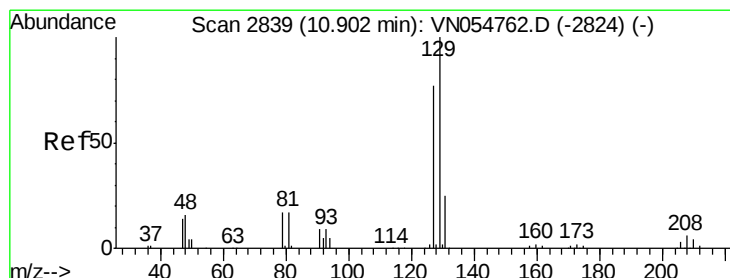
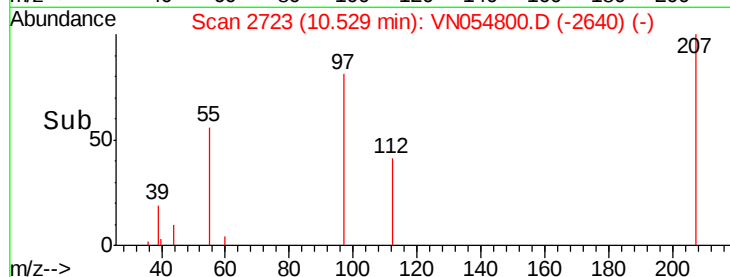
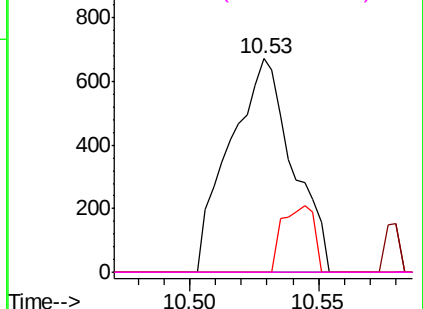


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#60

Dibromochloromethane

Concen: 0.211 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. -0.27 min

Lab File: VN054800.D

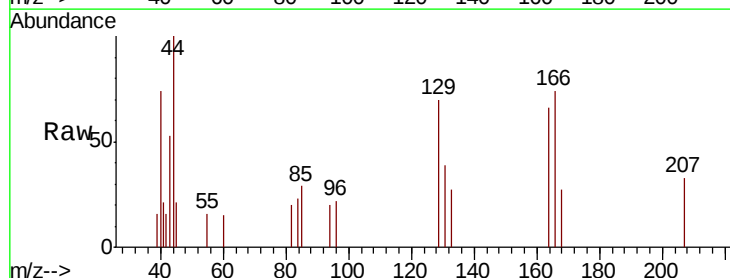
Acq: 30 Mar 2019 14:13

Tgt Ion:129 Resp: 959

Ion Ratio Lower Upper

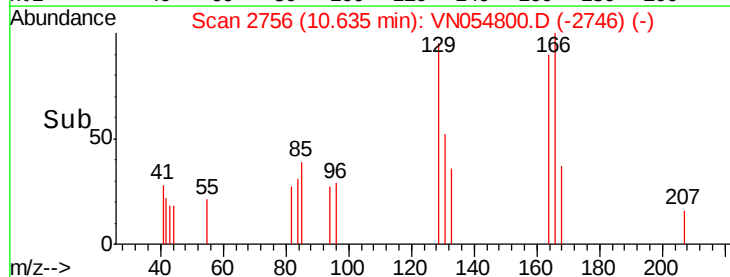
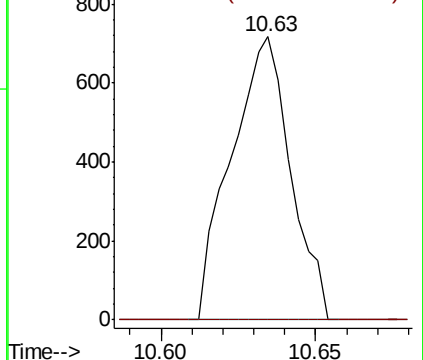
129 100

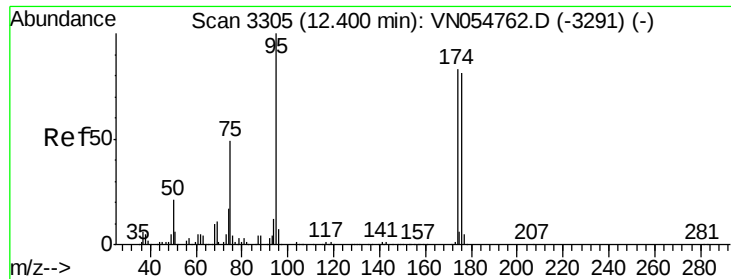
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

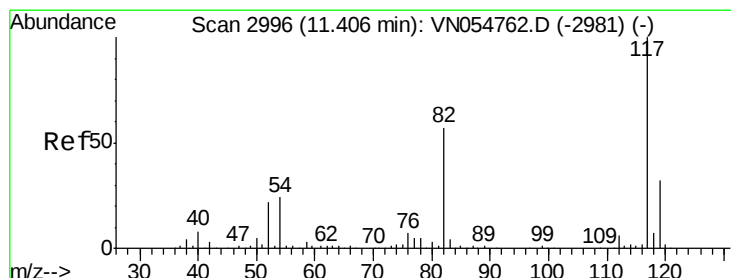
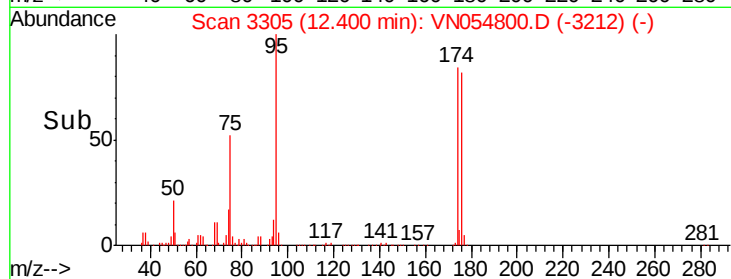
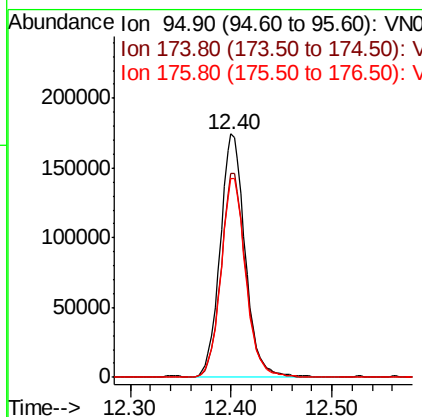
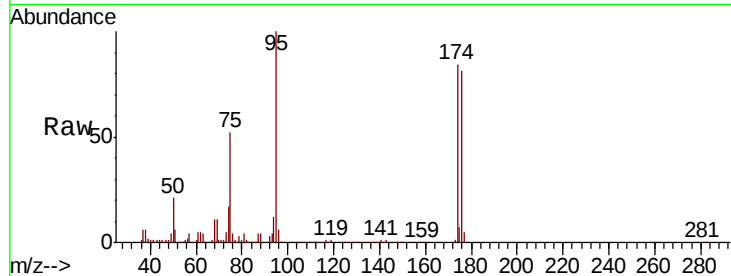




#62  
4-Bromofluorobenzene  
Concen: 47.885 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

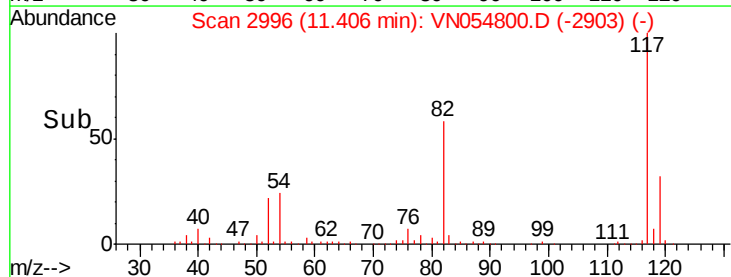
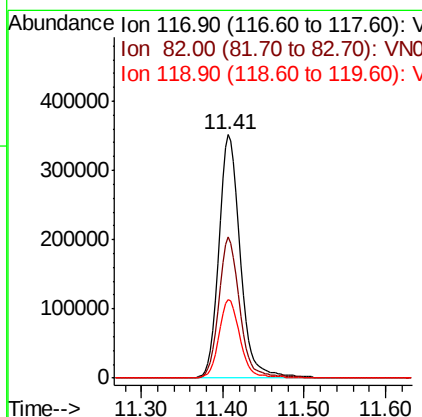
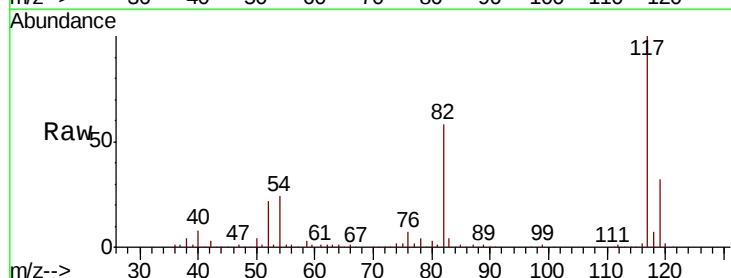
Instrument :  
MSVOA\_N  
ClientSampleId :

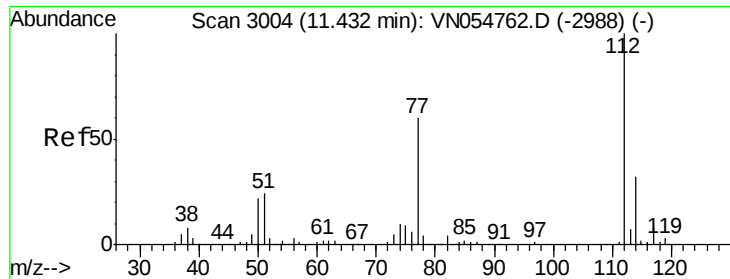
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 83.4  | 0.0   | 191.0 |
| 176     | 81.3  | 0.0   | 187.4 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.8  | 40.0  | 60.0  |
| 119     | 32.3  | 25.8  | 38.6  |

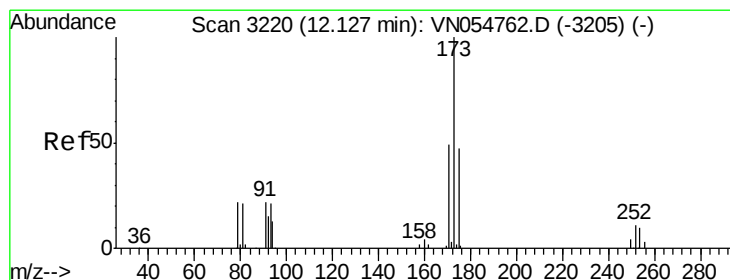
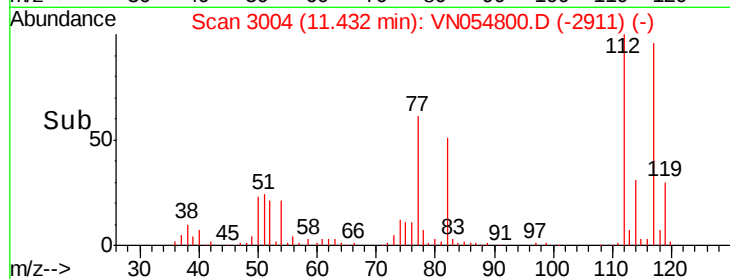
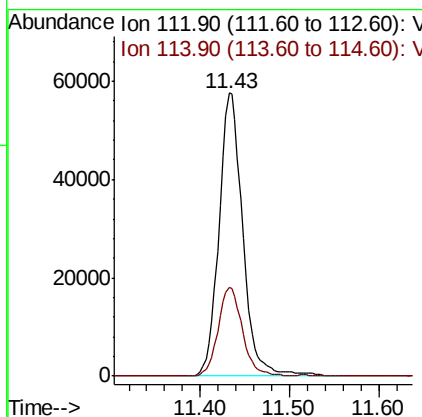
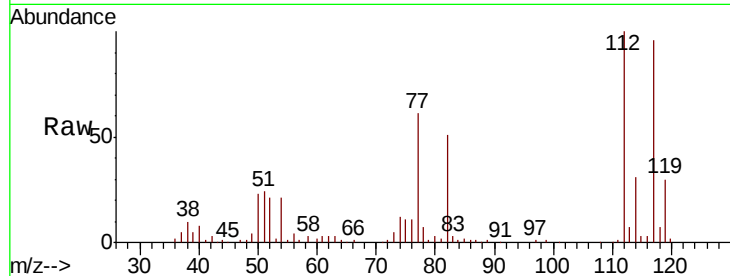




#65  
Chlorobenzene  
Concen: 8.274 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

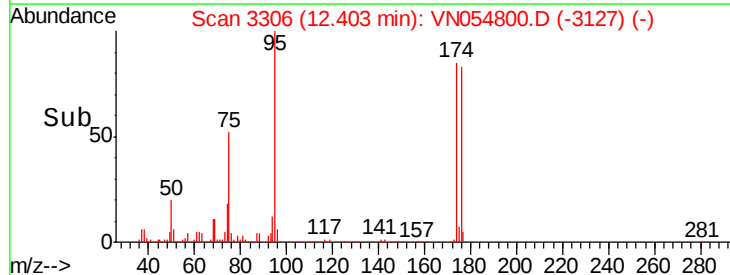
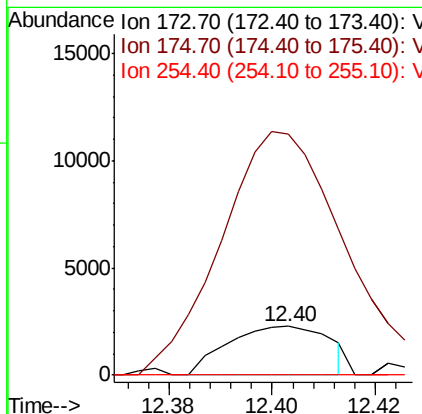
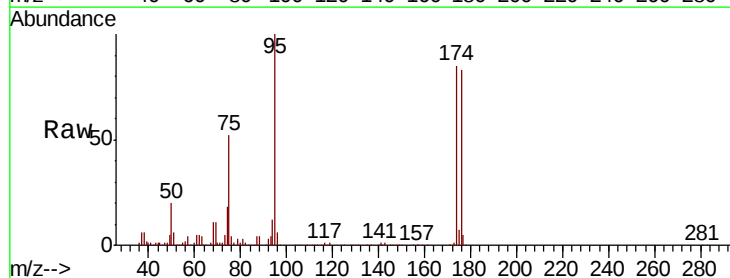
Instrument :  
MSVOA\_N  
ClientSampled :

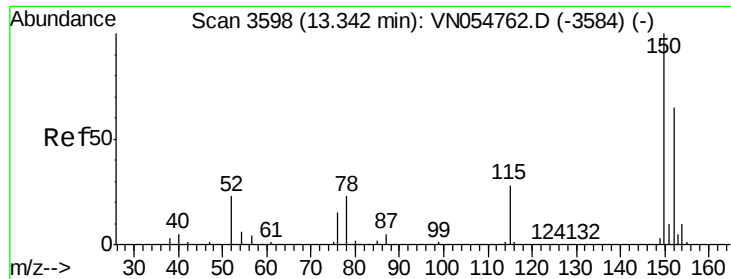
Tot Ion:112 Resp: 106420  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.9 38.9



#71  
Bromoform  
Concen: 1.101 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.28 min  
Lab File: VN054800.D  
Acq: 30 Mar 2019 14:13

Tgt Ion:173 Resp: 3104  
Ion Ratio Lower Upper  
173 100  
175 517.2 24.4 73.2#  
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

ClientSampled :

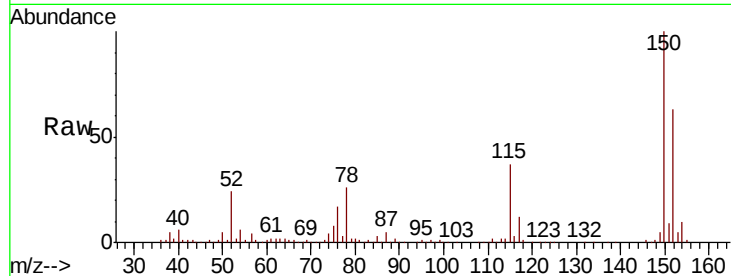
Tot Ion:152 Resp: 257631

Ion Ratio Lower Upper

152 100

115 57.8 27.2 81.6

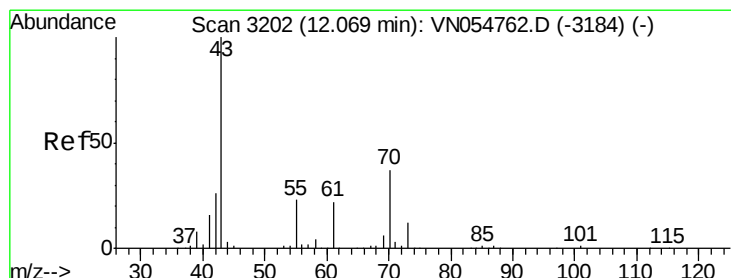
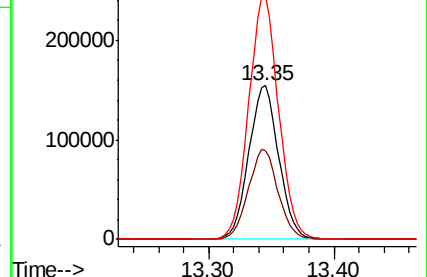
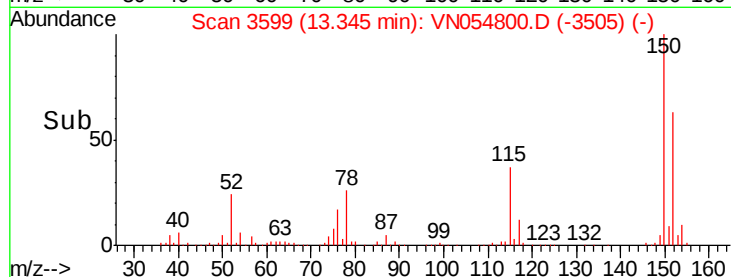
150 157.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.826 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Tgt Ion: 43 Resp: 5417

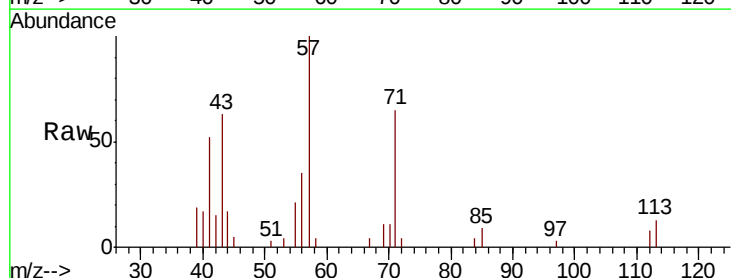
Ion Ratio Lower Upper

43 100

70 19.5 35.4 53.0#

55 13.4 19.8 29.6#

61 0.0 19.8 29.6#

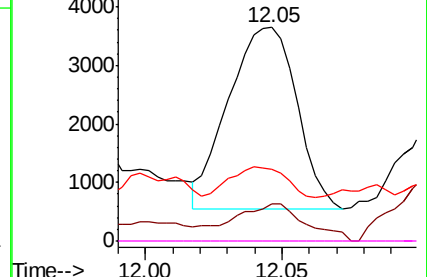
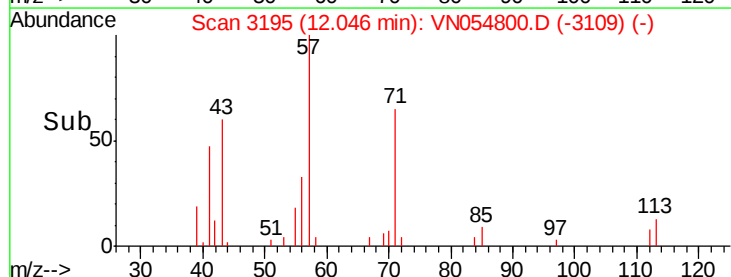


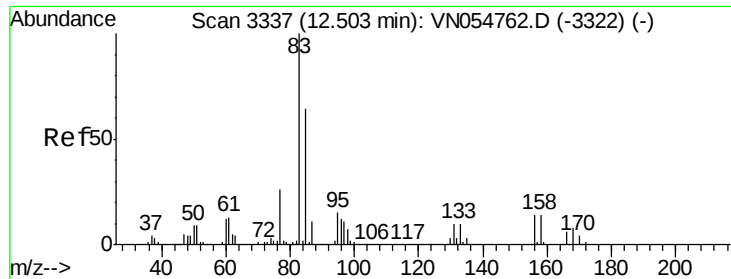
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

ClientSampleId :

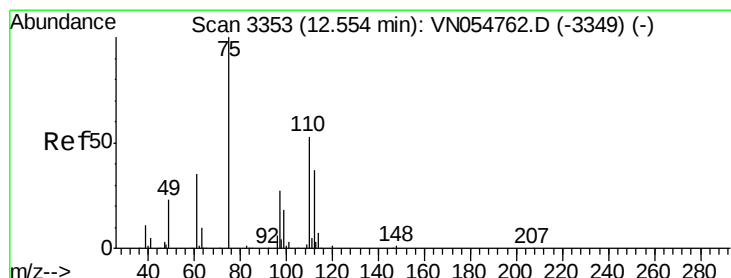
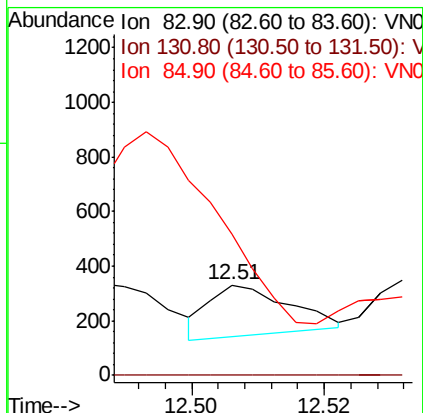
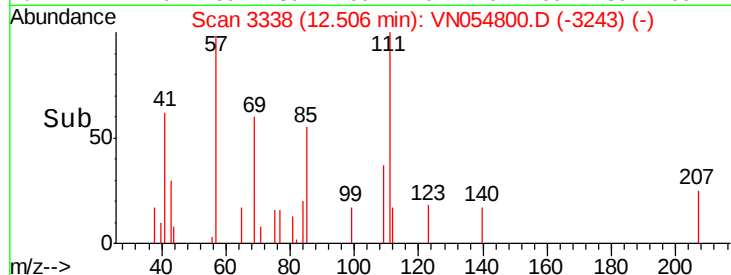
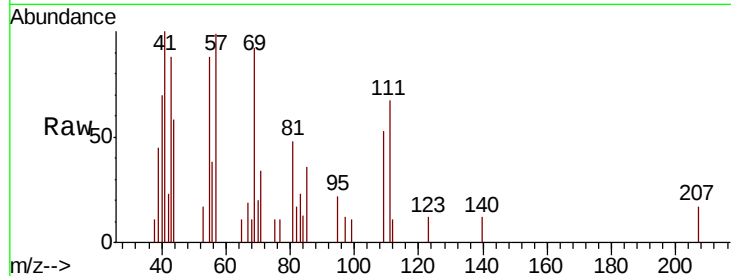
Tot Ion: 83 Resp: 156

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 35.105 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054800.D

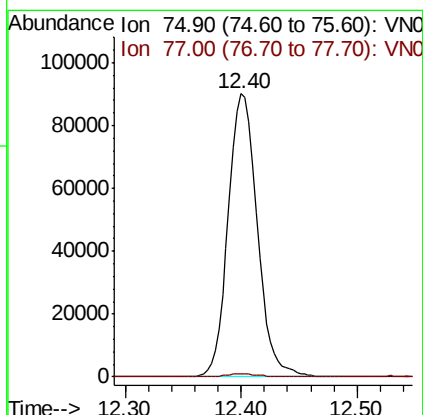
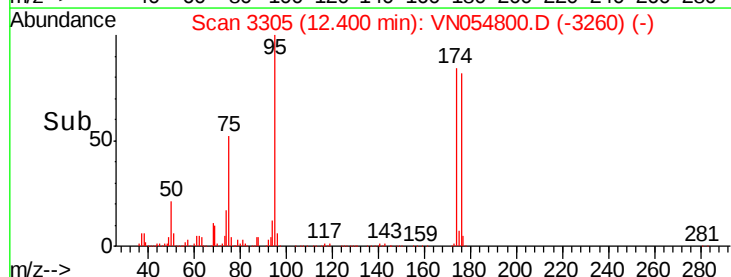
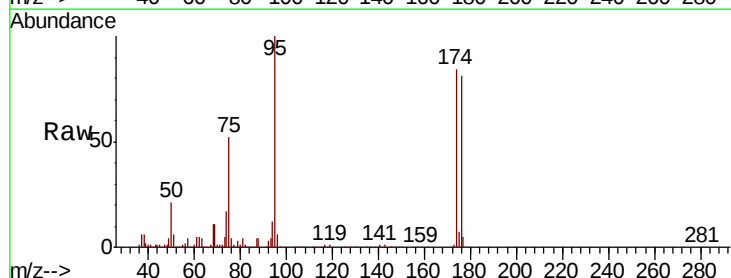
Acq: 30 Mar 2019 14:13

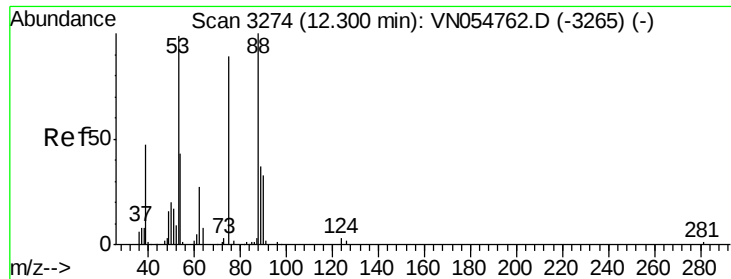
Tgt Ion: 75 Resp: 157119

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 136.551 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

ClientSampleId :

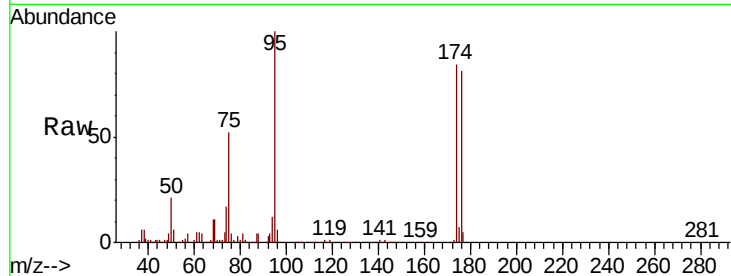
Tot Ion: 75 Resp: 157119

Ion Ratio Lower Upper

75 100

53 0.4 76.2 114.2#

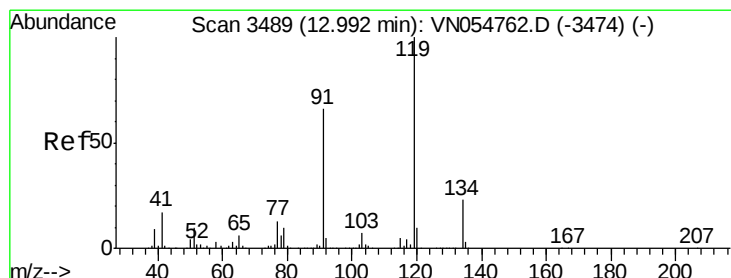
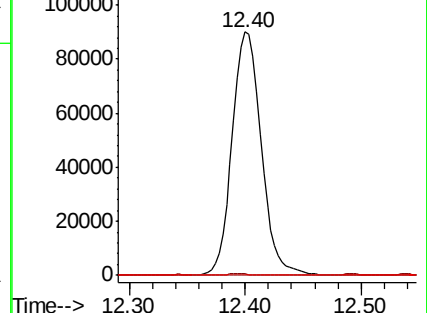
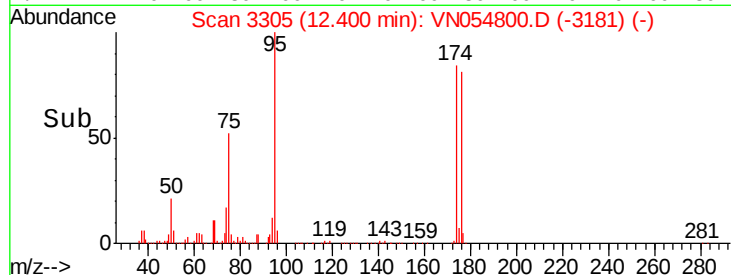
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054800.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN054800.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN054800.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

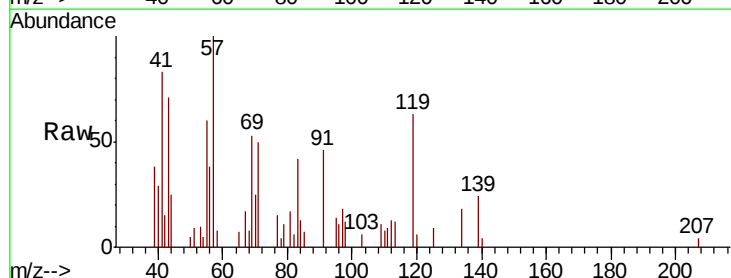
Tgt Ion: 119 Resp: 4051

Ion Ratio Lower Upper

119 100

91 78.2 30.9 92.8

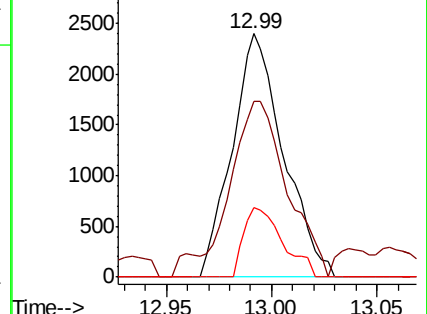
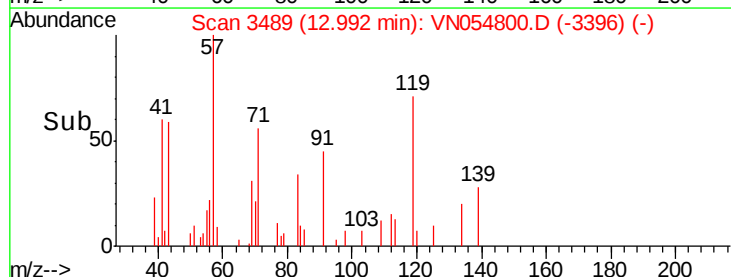
134 21.5 13.2 39.6

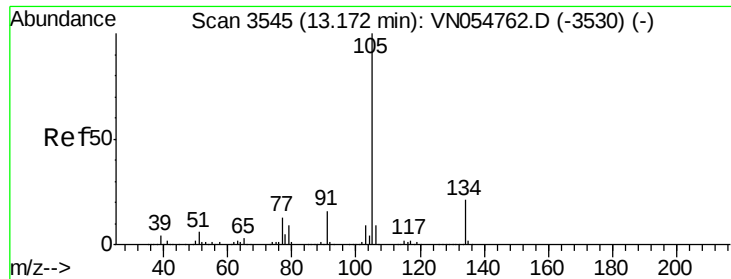


Abundance Ion 119.00 (118.70 to 119.70): VN054800.D (-3489) (-)

Ion 91.00 (90.70 to 91.70): VN054800.D (-3489) (-)

Ion 134.00 (133.70 to 134.70): VN054800.D (-3489) (-)





#85

sec-Butylbenzene

Concen: 0.290 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

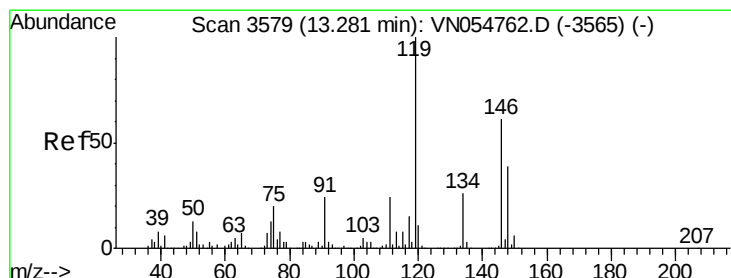
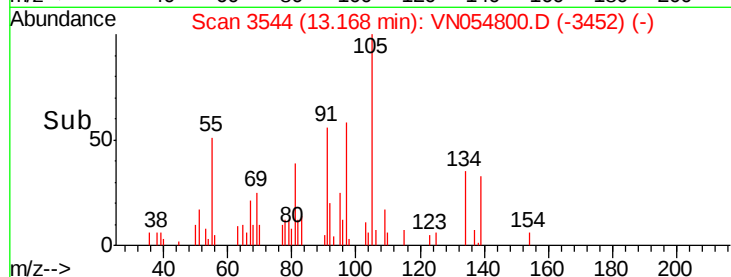
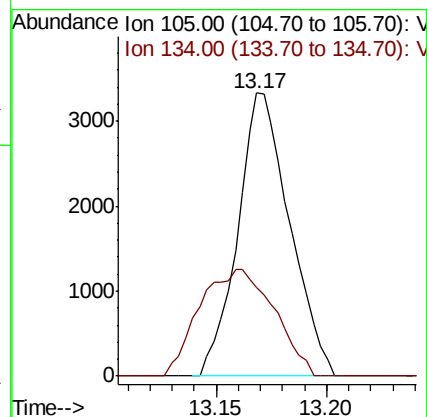
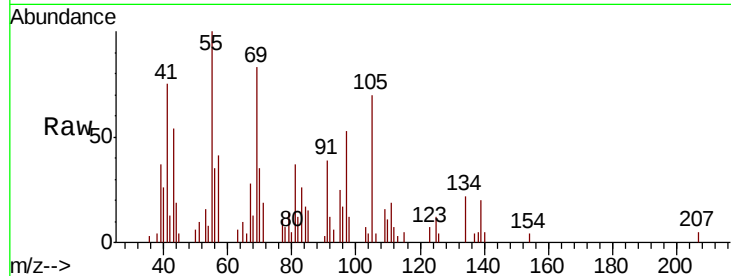
ClientSampled :

Tot Ion:105 Resp: 5440

Ion Ratio Lower Upper

105 100

134 54.2 10.7 32.1#



#87

1,3-Dichlorobenzene

Concen: 1.076 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

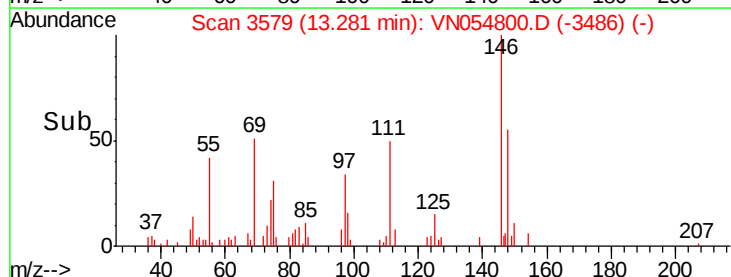
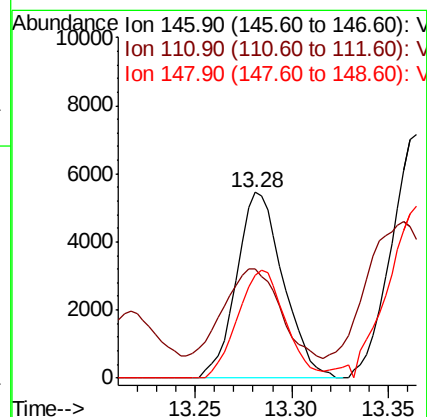
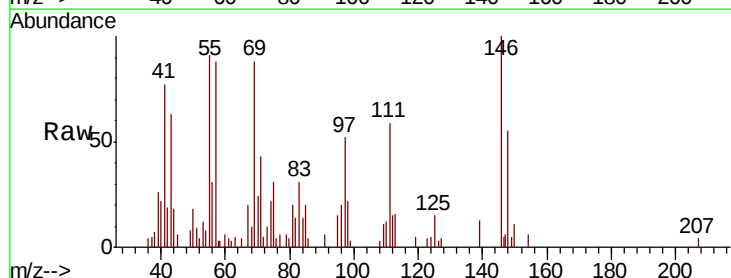
Tgt Ion:146 Resp: 9157

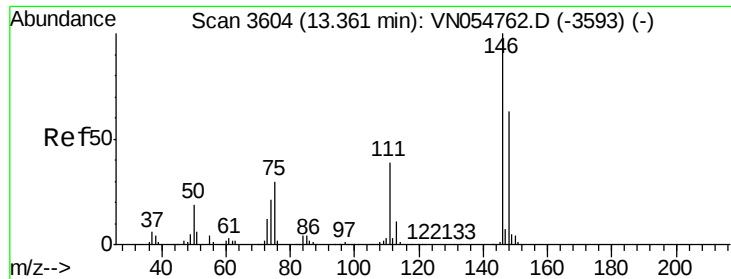
Ion Ratio Lower Upper

146 100

111 57.7 18.8 56.3#

148 59.2 32.2 96.6

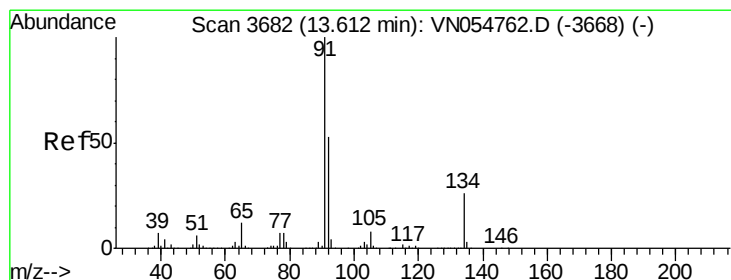
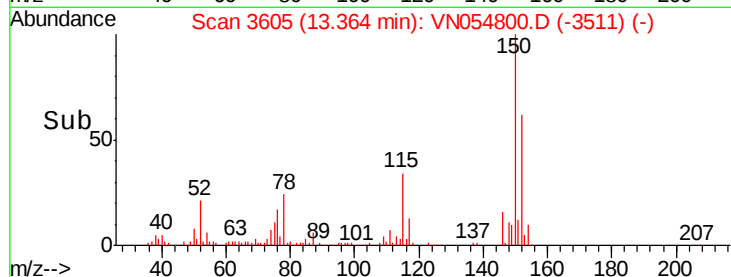
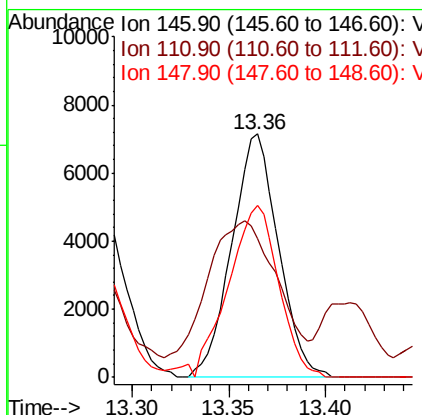
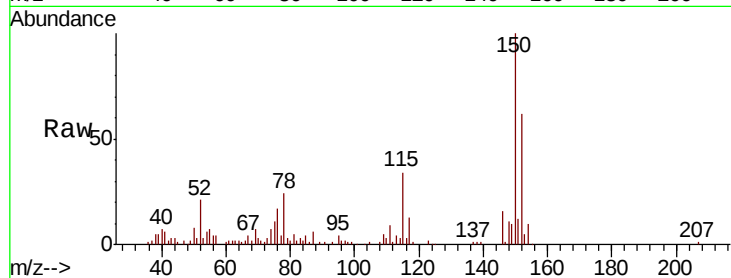




#88  
 1,4-Dichlorobenzene  
 Concen: 1.436 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

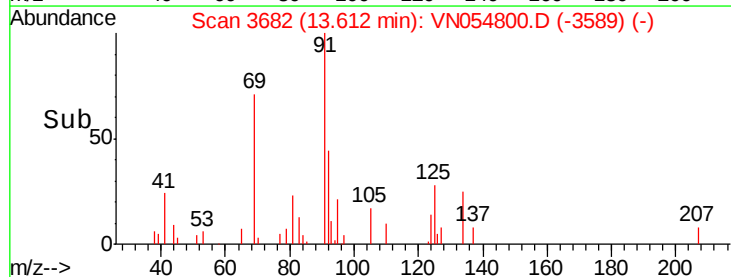
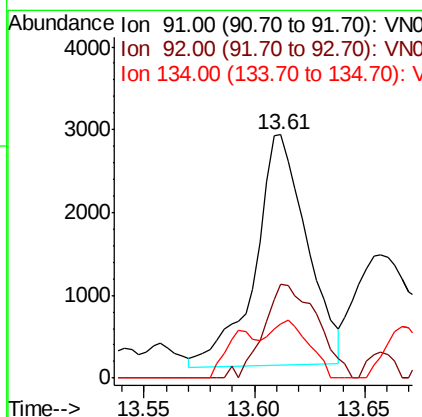
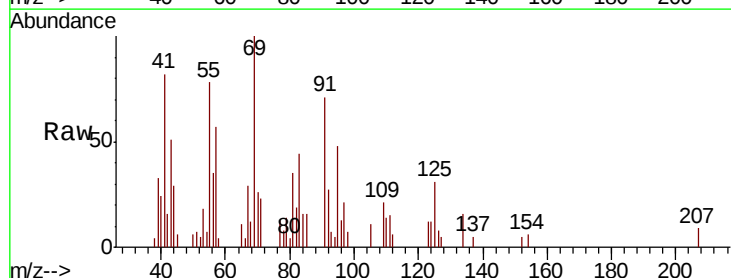
Instrument :  
 MSVOA\_N  
 ClientSampled :

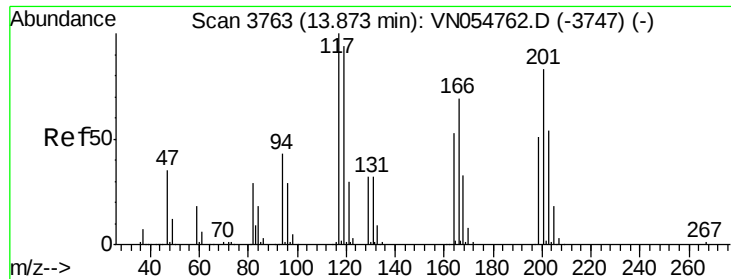
Tot Ion:146 Resp: 11986  
 Ion Ratio Lower Upper  
 146 100  
 111 82.9 18.1 54.1#  
 148 77.7 32.0 96.0



#89  
 n-Butylbenzene  
 Concen: 0.336 ug/l  
 RT: 13.61 min Scan# 3682  
 Delta R.T. -0.00 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Tgt Ion: 91 Resp: 4534  
 Ion Ratio Lower Upper  
 91 100  
 92 42.2 26.2 78.6  
 134 19.0 14.3 42.9





#90

Hexachloroethane

Concen: 0.302 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA\_N

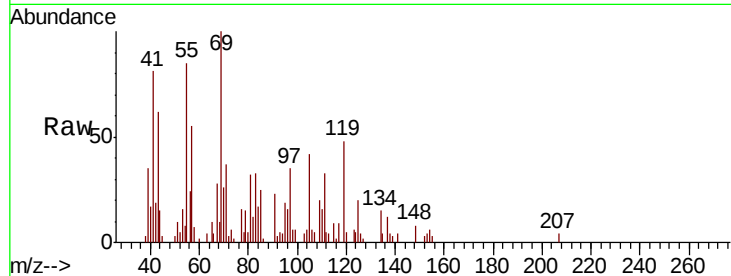
ClientSampled :

Tot Ion:117 Resp: 850

Ion Ratio Lower Upper

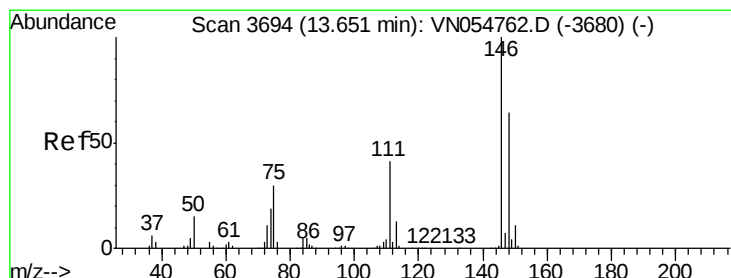
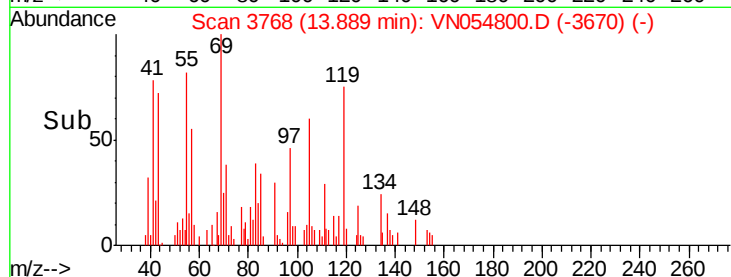
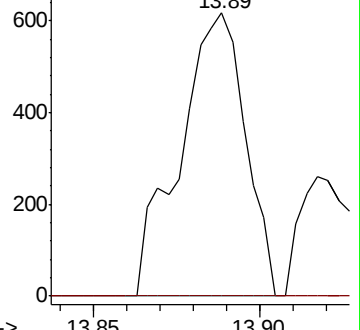
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.666 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

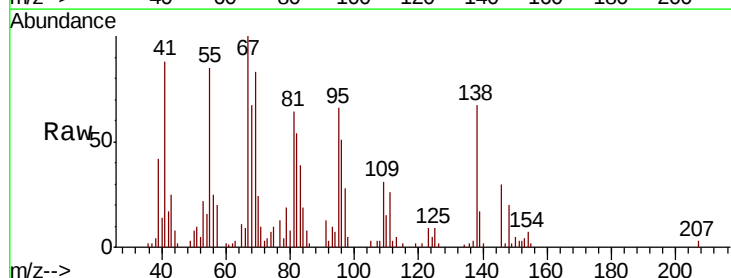
Tgt Ion:146 Resp: 5717

Ion Ratio Lower Upper

146 100

111 73.3 19.1 57.3#

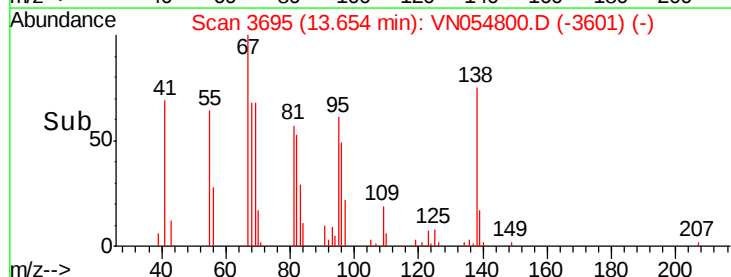
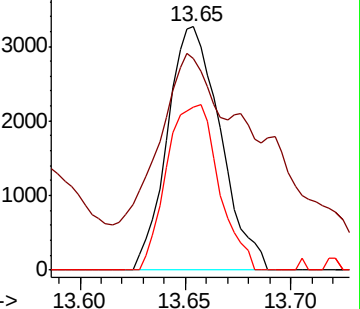
148 66.6 32.4 97.0

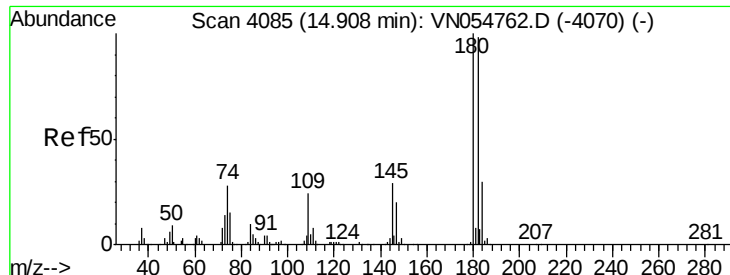


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.579 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN054800.D  
 Acq: 30 Mar 2019 14:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 2396  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 48.0 144.2  
 145 165.4 14.2 42.8#

