

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\  
 Data File : VN053503.D  
 Acq On : 21 Jan 2019 13:37  
 Operator : JC/SP  
 Sample : K1202-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BV-COMP-1

Quant Time: Jan 22 04:05:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 03:10:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 803009   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 1255882  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1192147  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 562022   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 411536   | 51.85 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.70% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 369854   | 51.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.20% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1551455  | 51.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.36% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 548082   | 51.56 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.12% |          |

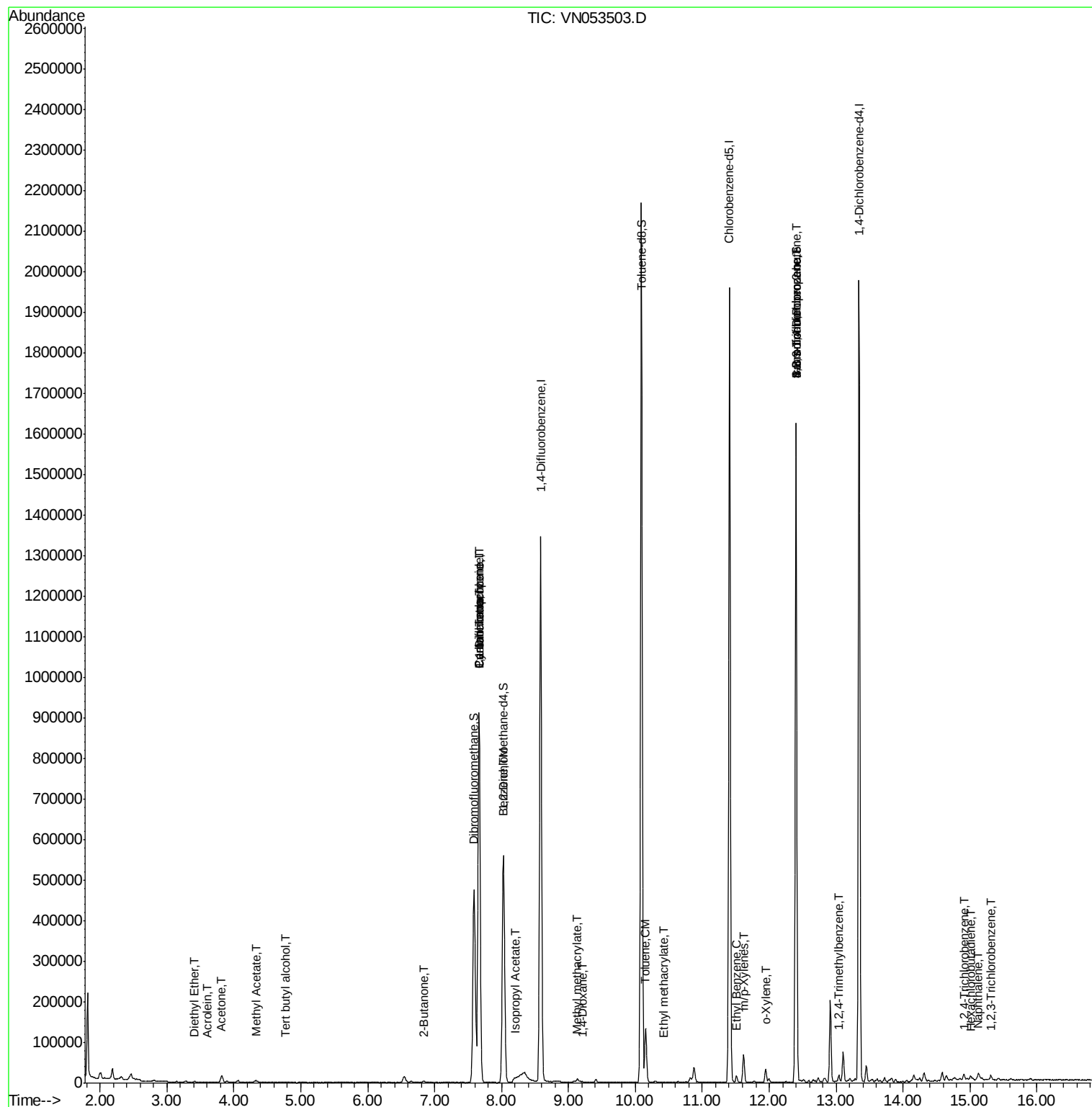
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 8) Diethyl Ether               | 3.41  | 74   | 1054     | 0.241  | ug/l # | 48     |
| 11) Tert butyl alcohol         | 4.78  | 59   | 3276     | 8.435  | ug/l # | 75     |
| 13) Acrolein                   | 3.60  | 56   | 214      | 22.994 | ug/l # | 78     |
| 16) Acetone                    | 3.82  | 43   | 28382    | 15.241 | ug/l   | 99     |
| 18) Methyl Acetate             | 4.33  | 43   | 10111    | 1.612  | ug/l   | 96     |
| 25) 2-Butanone                 | 6.84  | 43   | 4236     | 1.476  | ug/l   | 97     |
| 31) Cyclohexane                | 7.66  | 56   | 14118    | 0.792  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 52722    | 4.610  | ug/l # | 43     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 69513    | 6.420  | ug/l # | 16     |
| 40) Benzene                    | 8.04  | 78   | 118978   | 3.423  | ug/l   | 94     |
| 43) Isopropyl Acetate          | 8.20  | 43   | 8447     | 0.714  | ug/l # | 51     |
| 48) Methyl methacrylate        | 9.13  | 41   | 2395     | 0.392  | ug/l # | 30     |
| 49) 1,4-Dioxane                | 9.20  | 88   | 597      | 10.006 | ug/l # | 71     |
| 52) Toluene                    | 10.15 | 92   | 59426    | 2.754  | ug/l   | 99     |
| 56) Ethyl methacrylate         | 10.42 | 69   | 119      | 2.068  | ug/l # | 73     |
| 67) Ethyl Benzene              | 11.51 | 91   | 12443    | 0.289  | ug/l   | 98     |
| 68) m/p-Xylenes                | 11.62 | 106  | 22599    | 1.392  | ug/l   | 98     |
| 69) o-Xylene                   | 11.95 | 106  | 8947     | 0.567  | ug/l   | 95     |
| 71) Bromoform                  | 12.40 | 173  | 1794     | 0.297  | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 257369   | 34.750 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 257369   | 86.020 | ug/l # | 15     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 10995    | 0.326  | ug/l   | 100    |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 4850     | 3.358  | ug/l   | 93     |
| 94) Hexachlorobutadiene        | 15.01 | 225  | 1592     | 0.291  | ug/l   | 88     |
| 95) Naphthalene                | 15.13 | 128  | 14049    | 4.891  | ug/l   | 99     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 4804     | 4.686  | ug/l   | 91     |

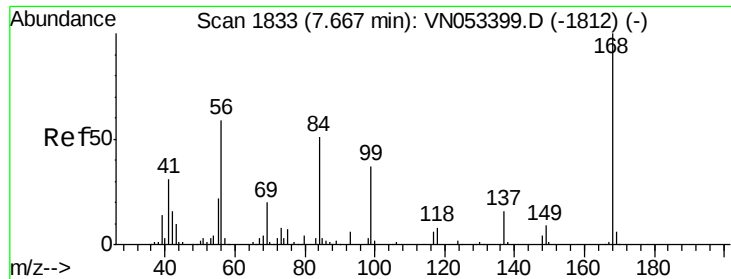
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Jan 16 03:10:53 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampleId :

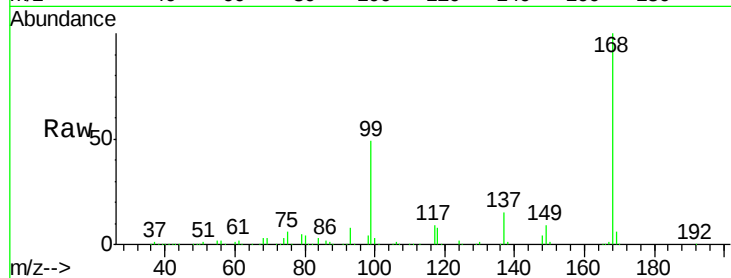
BV-COMP-1

Tot Ion:168 Resp: 803009

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.66

400000

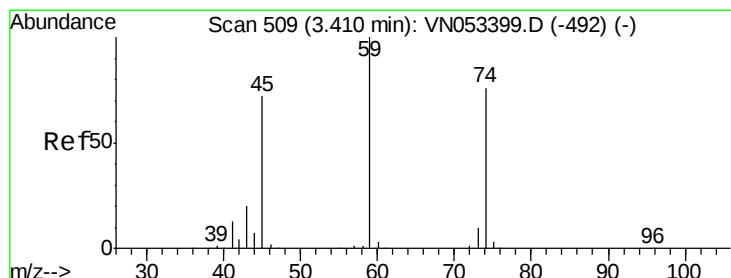
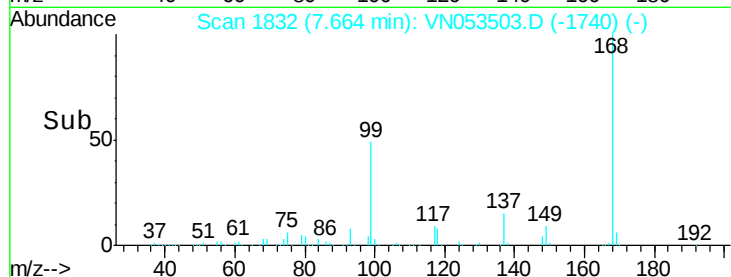
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.241 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN053503.D

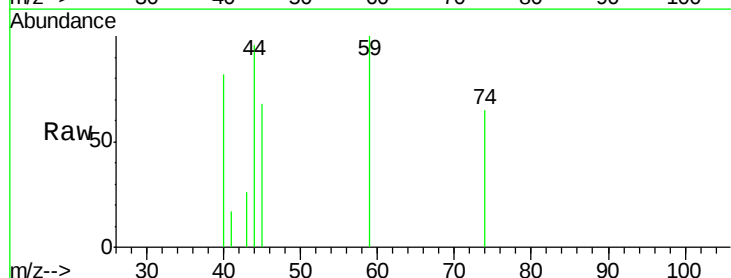
Acq: 21 Jan 2019 13:37

Tgt Ion: 74 Resp: 1054

Ion Ratio Lower Upper

74 100

45 146.9 47.9 143.7#



Abundance Ion 74.00 (73.70 to 74.70): VN053399.D (-492) (-)

Ion 45.00 (44.70 to 45.70): VN053399.D (-492) (-)

3.41

800

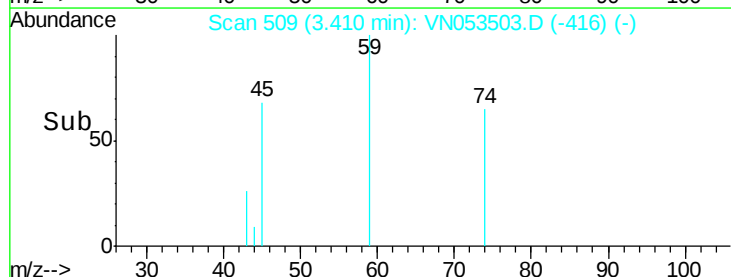
600

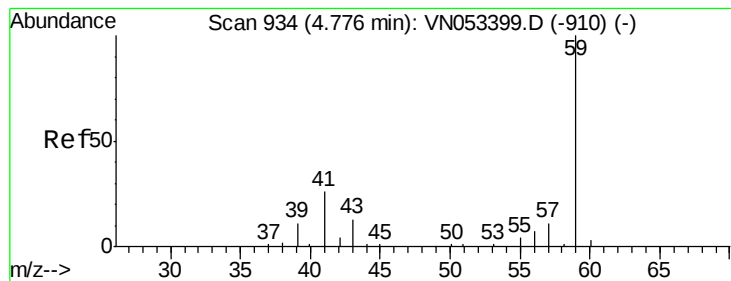
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200

0

Time-->



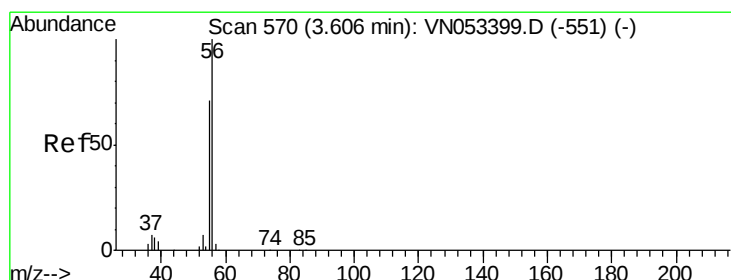
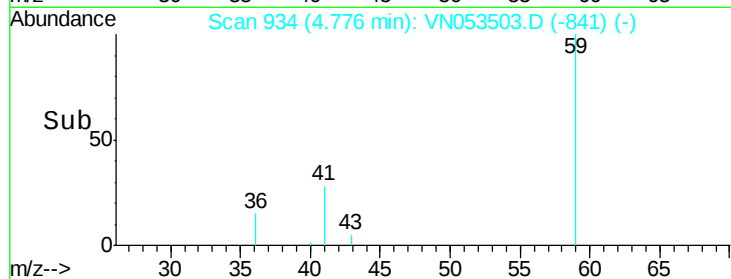
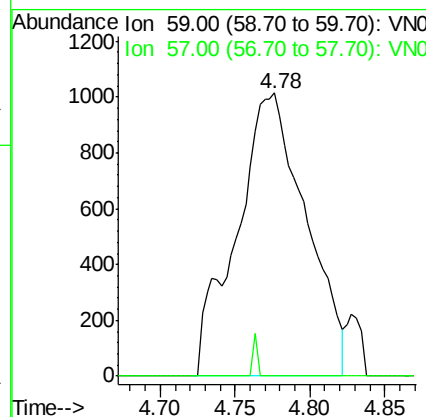
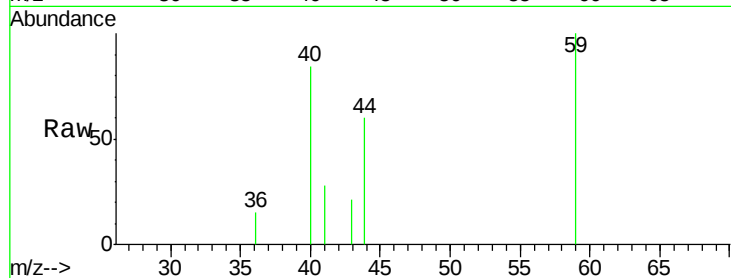


#11

Tert butyl alcohol  
 Concen: 8.435 ug/l  
 RT: 4.78 min Scan# 934  
 Delta R.T. 0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 BV-COMP-1

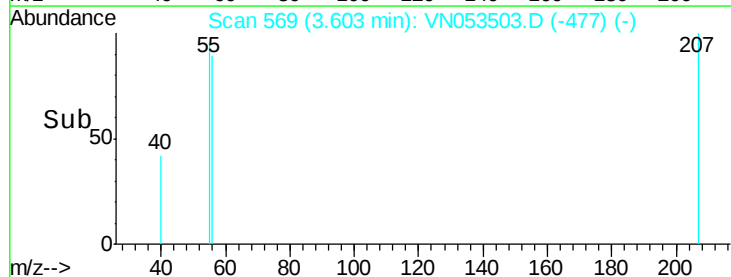
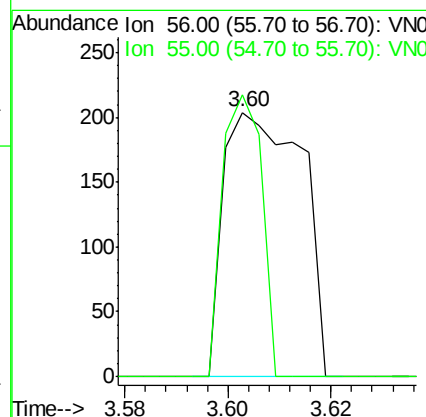
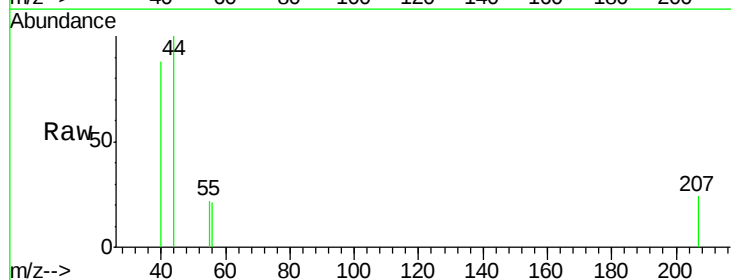
Tot Ion: 59 Resp: 3276  
 Ion Ratio Lower Upper  
 59 100  
 57 0.9 8.2 12.4#

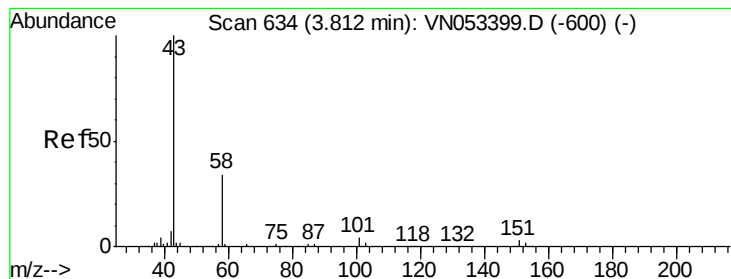


#13

Acrolein  
 Concen: 22.994 ug/l  
 RT: 3.60 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

Tgt Ion: 56 Resp: 214  
 Ion Ratio Lower Upper  
 56 100  
 55 53.3 57.4 86.0#





#16

Acetone

Concen: 15.241 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampled :

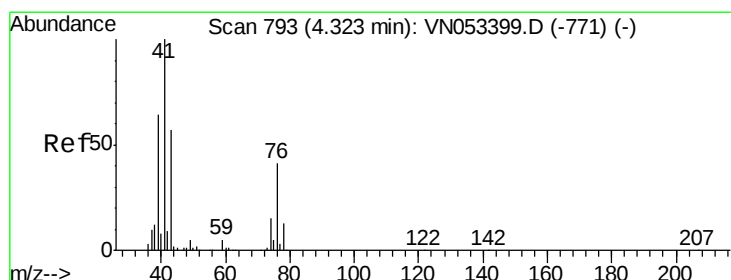
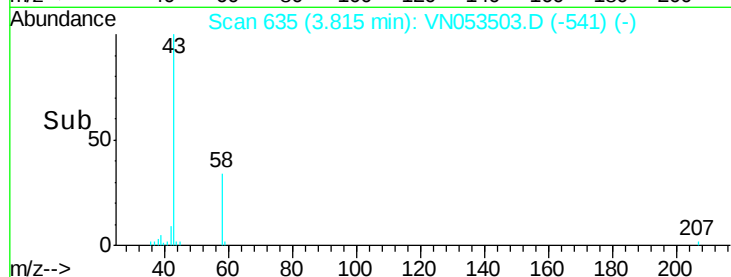
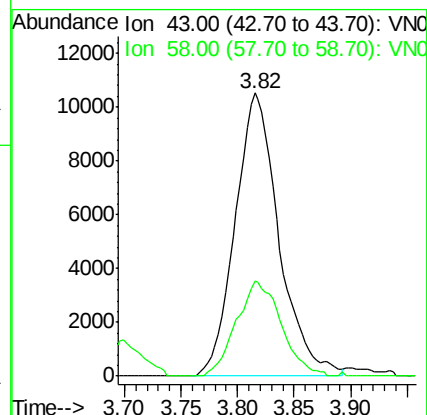
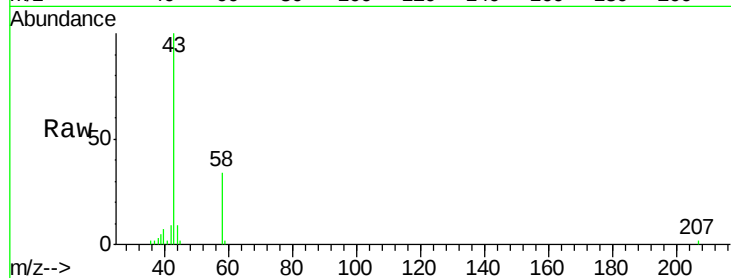
BV-COMP-1

Tot Ion: 43 Resp: 28382

Ion Ratio Lower Upper

43 100

58 33.6 27.1 40.7



#18

Methyl Acetate

Concen: 1.612 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053503.D

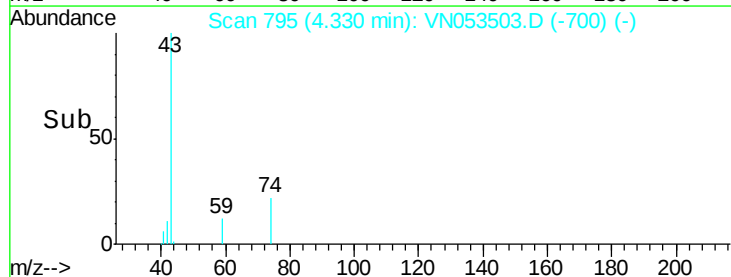
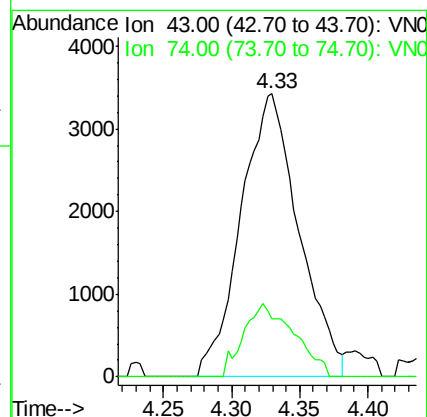
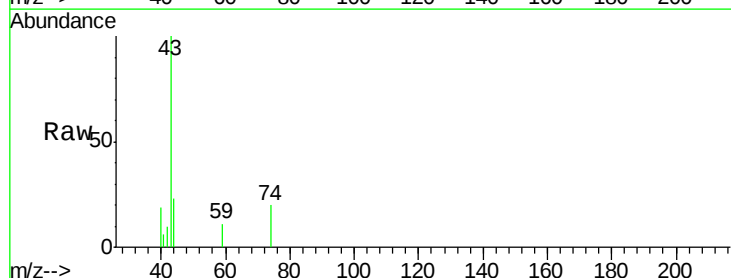
Acq: 21 Jan 2019 13:37

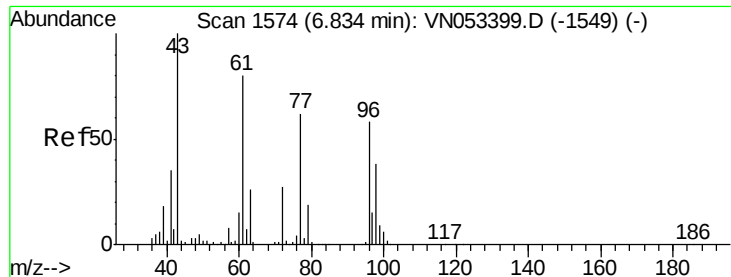
Tgt Ion: 43 Resp: 10111

Ion Ratio Lower Upper

43 100

74 22.4 19.4 29.2

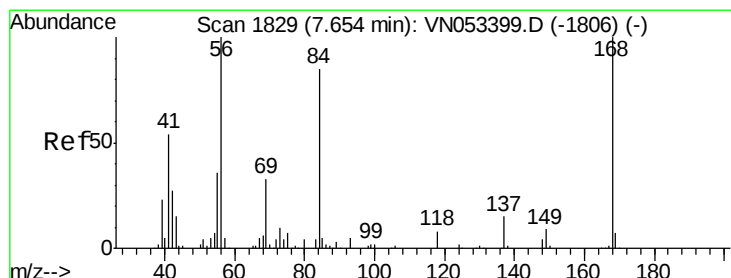
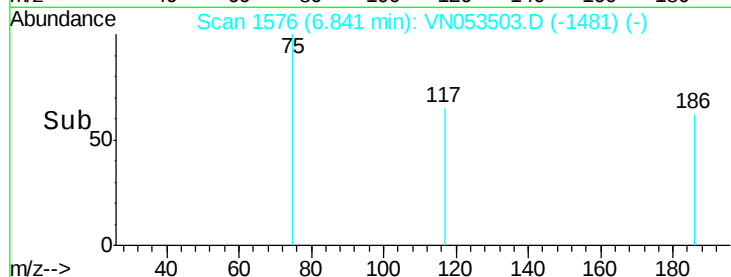
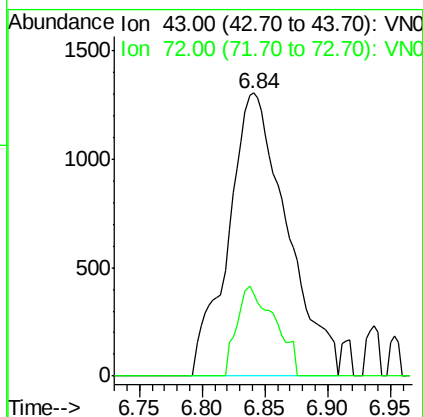
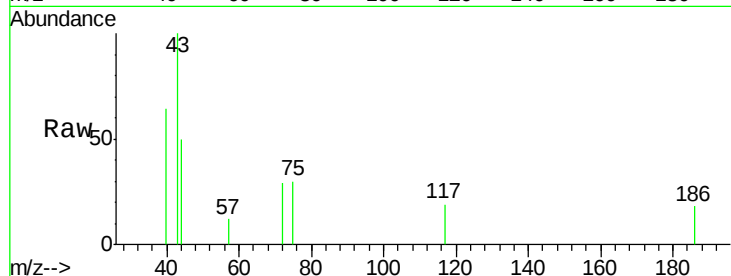




#25  
2-Butanone  
Concen: 1.476 ug/l  
RT: 6.84 min Scan# 1576  
Delta R.T. 0.01 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

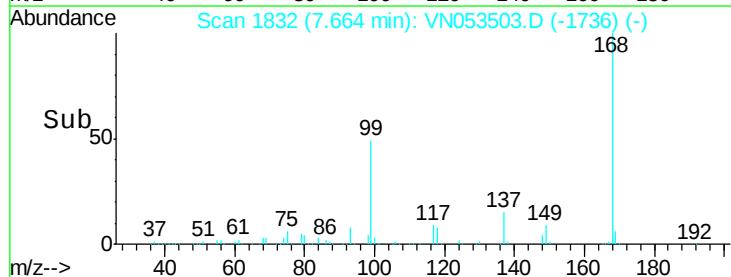
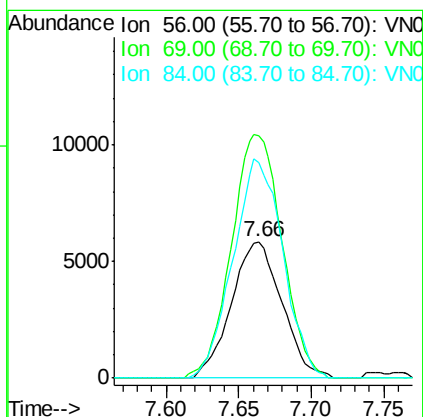
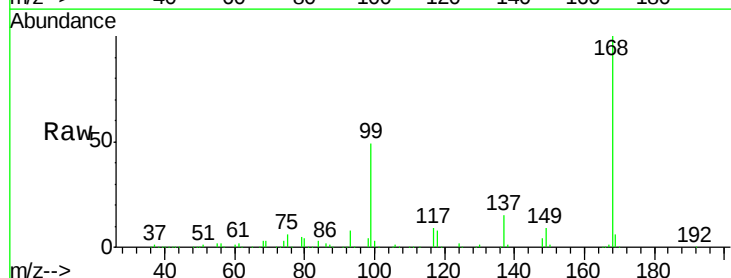
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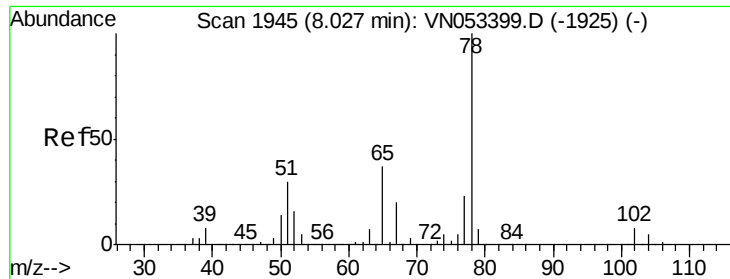
Tot Ion: 43 Resp: 4236  
Ion Ratio Lower Upper  
43 100  
72 28.9 22.0 33.0



#31  
Cyclohexane  
Concen: 0.792 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

Tgt Ion: 56 Resp: 14118  
Ion Ratio Lower Upper  
56 100  
69 177.2 26.4 39.6#  
84 157.8 67.9 101.9#

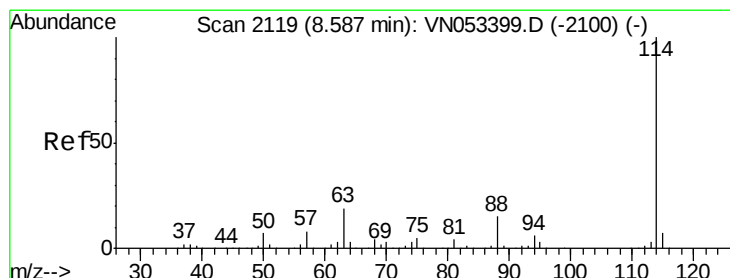
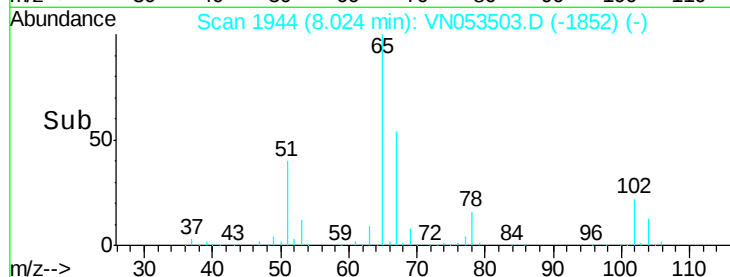
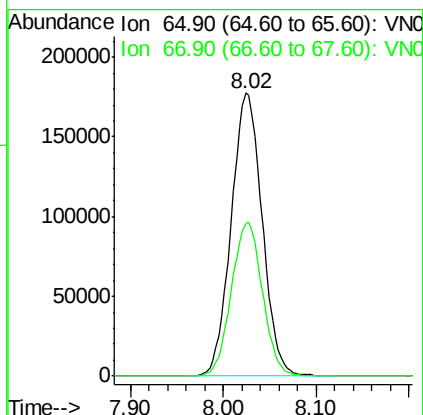
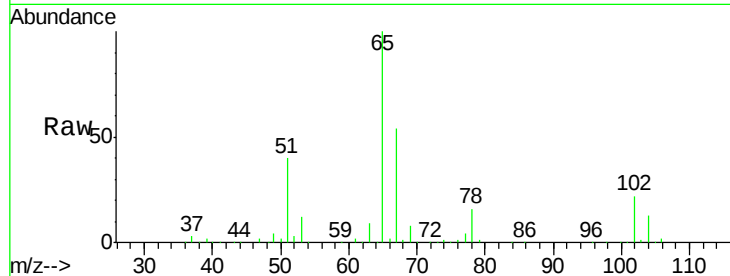




#33  
 1,2-Dichloroethane-d4  
 Concen: N.D. ug/l  
 RT: 8.02 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

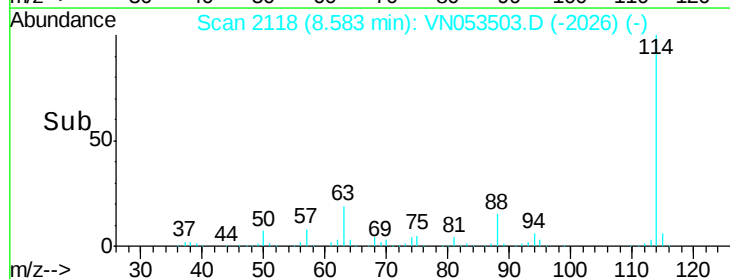
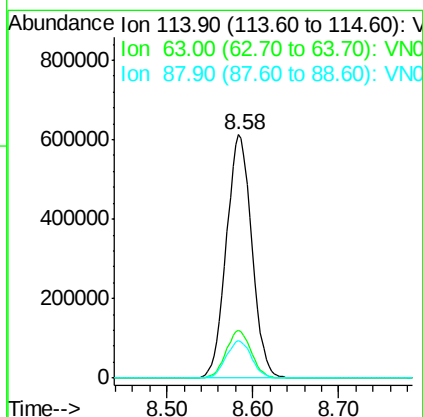
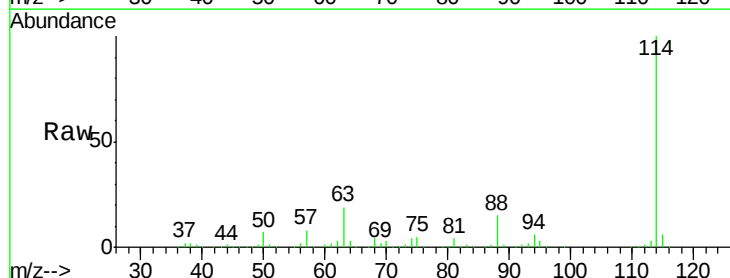
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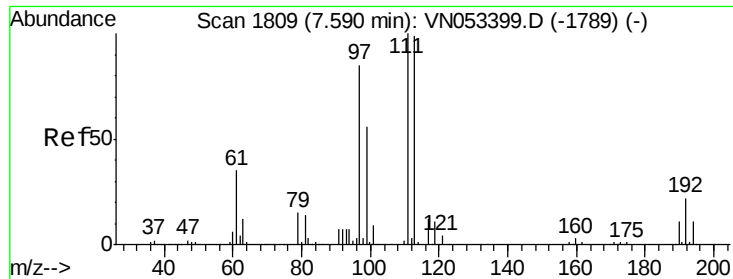
Tot Ion: 65 Resp: 411536  
 Ion Ratio Lower Upper  
 65 100  
 67 54.5 0.0 111.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

Tgt Ion: 114 Resp: 1255882  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 38.6  
 88 15.2 0.0 30.4

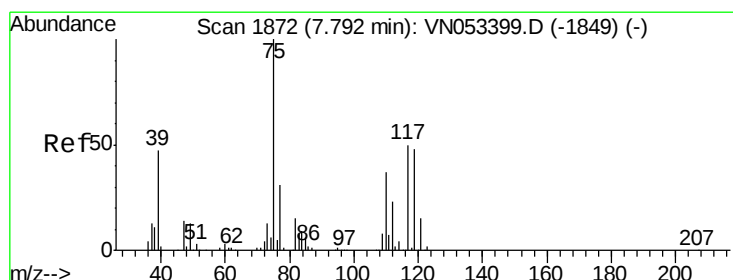
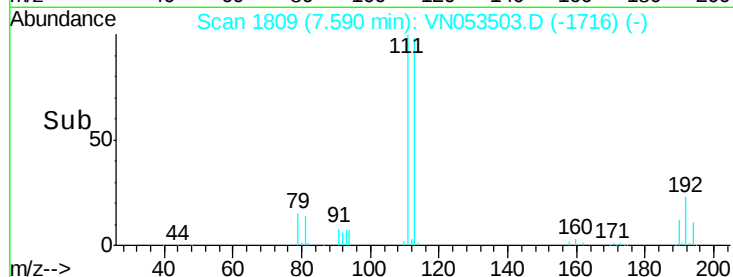
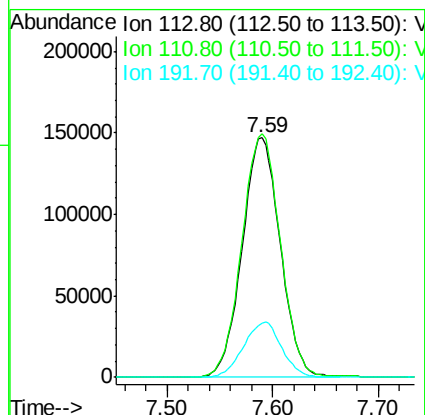
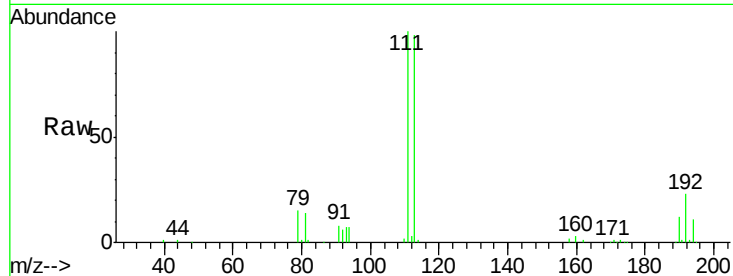




#35  
Dibromofluoromethane  
Concen: 50.000 ug/l  
RT: 7.59 min Scan# 1809  
Delta R.T. 0.00 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

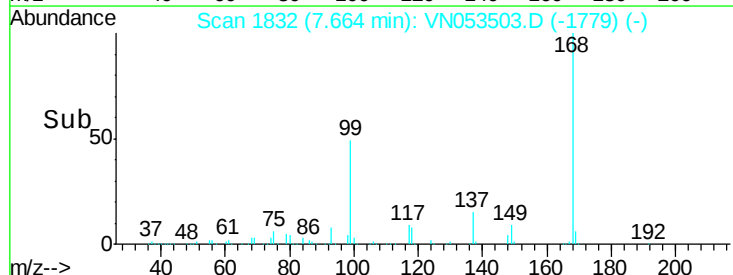
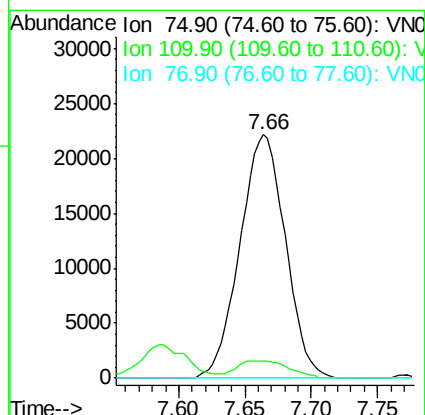
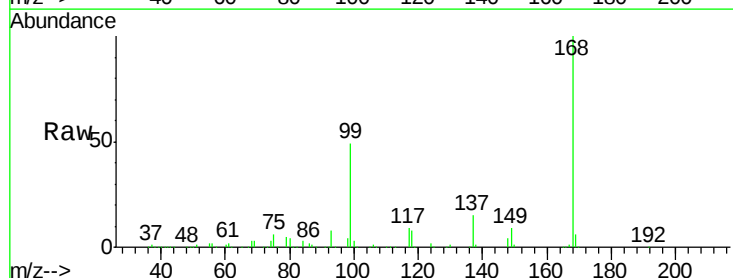
Instrument :  
MSVOA\_N  
ClientSampled :  
BV-COMP-1

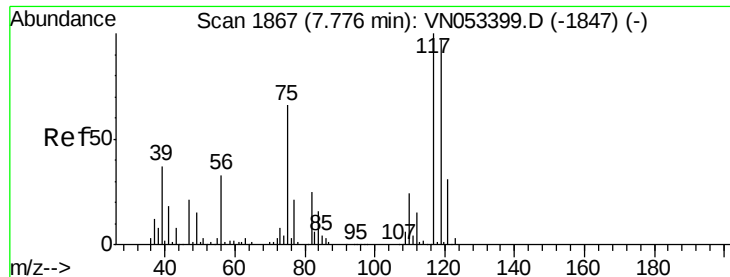
Tot Ion:113 Resp: 369854  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.1 121.7  
192 23.1 18.2 27.2



#36  
1,1-Dichloropropene  
Concen: 4.610 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. -0.13 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

Tgt Ion: 75 Resp: 52722  
Ion Ratio Lower Upper  
75 100  
110 2.1 18.1 54.3#  
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.420 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampleId :

BV-COMP-1

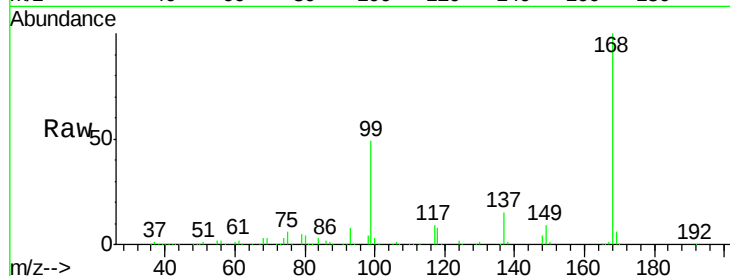
Tot Ion:117 Resp: 69513

Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

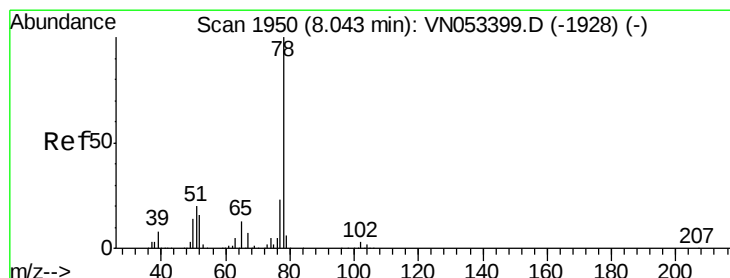
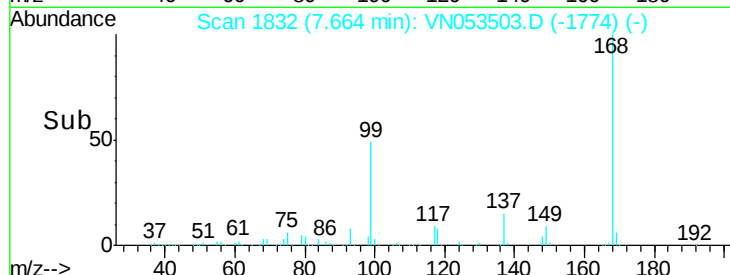
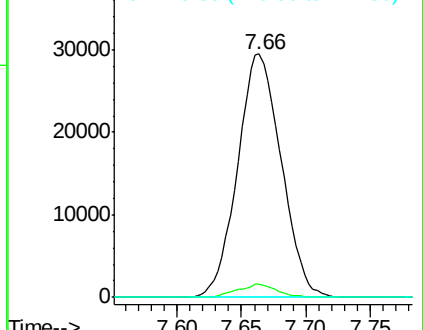
121 0.0 24.6 37.0#



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



#40

Benzene

Concen: 3.423 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053503.D

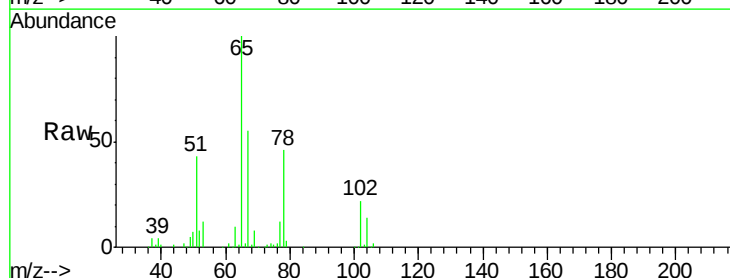
Acq: 21 Jan 2019 13:37

Tgt Ion: 78 Resp: 118978

Ion Ratio Lower Upper

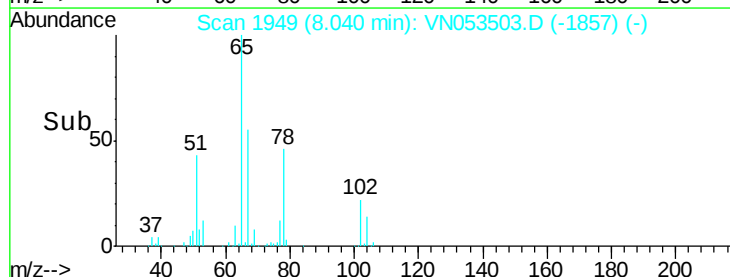
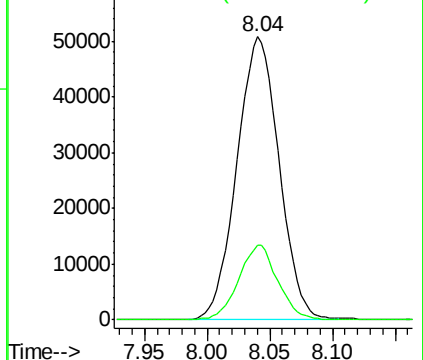
78 100

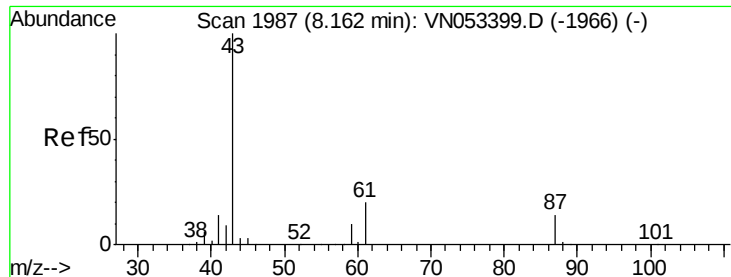
77 26.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 0.714 ug/l

RT: 8.20 min Scan# 1998

Delta R.T. 0.04 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampled :

BV-COMP-1

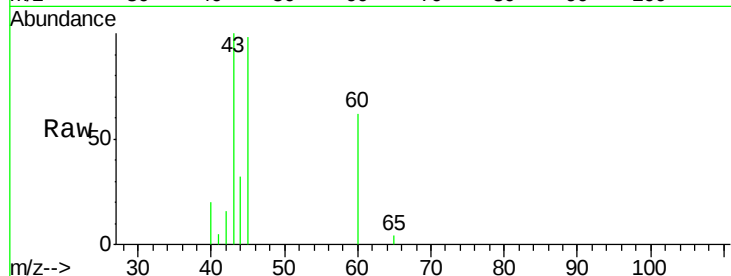
Tot Ion: 43 Resp: 8447

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

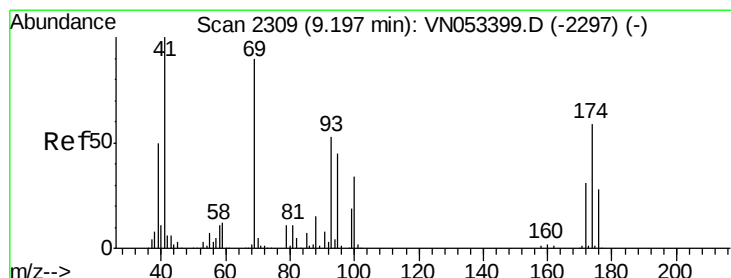
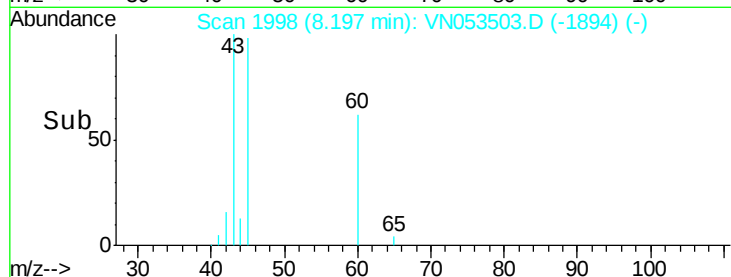
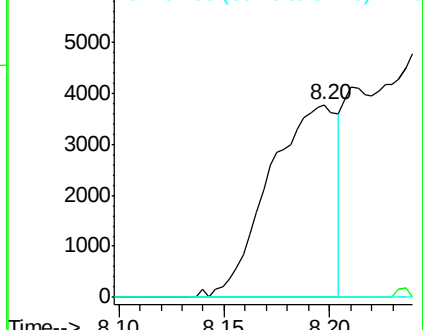
87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 0.392 ug/l

RT: 9.13 min Scan# 2288

Delta R.T. -0.07 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

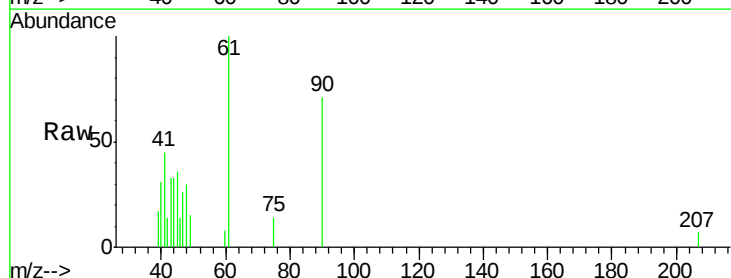
Tgt Ion: 41 Resp: 2395

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

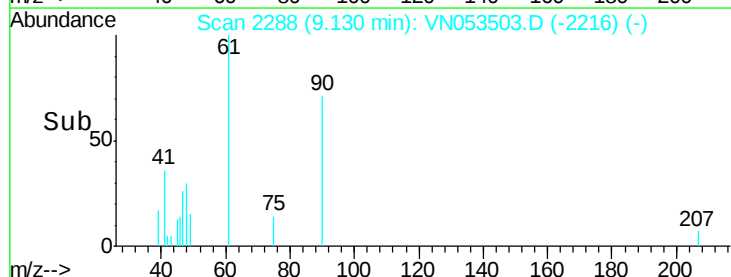
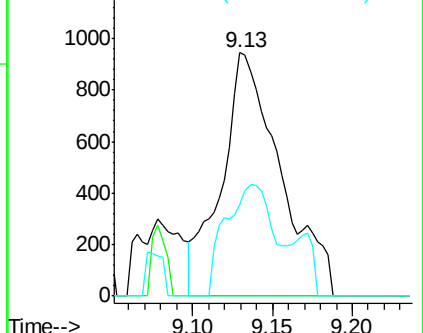
39 35.7 40.0 60.0#

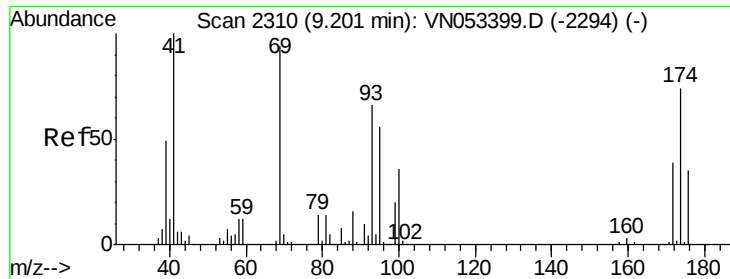


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

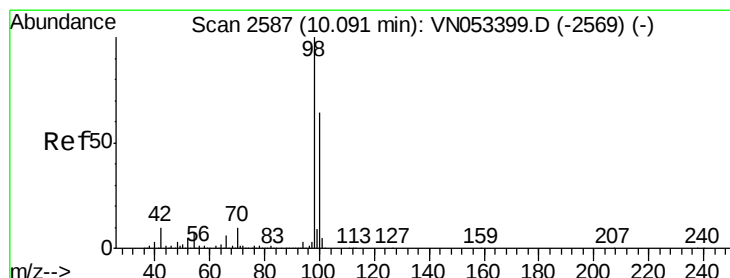
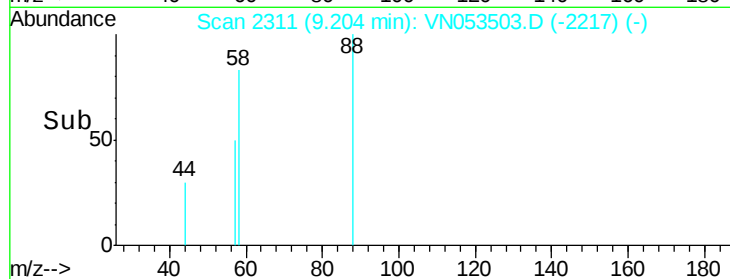
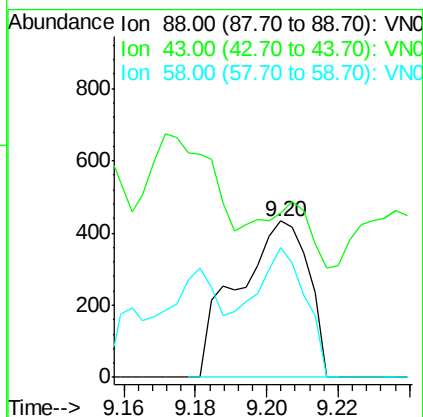
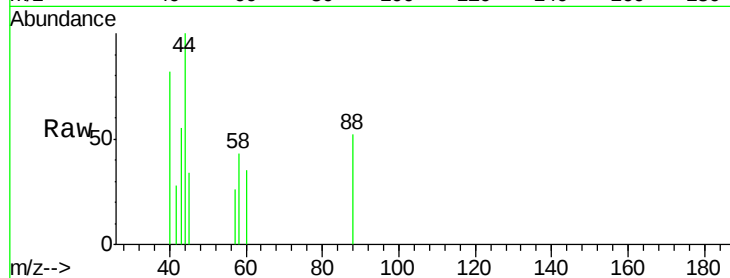




#49  
 1,4-Dioxane  
 Concen: 10.006 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

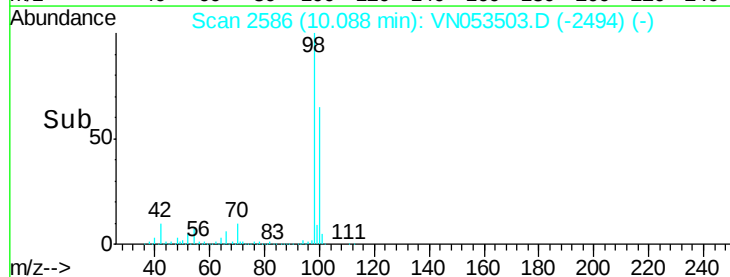
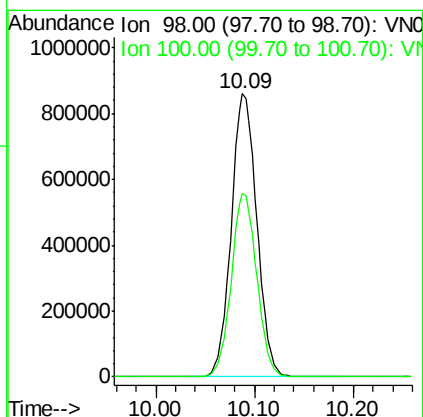
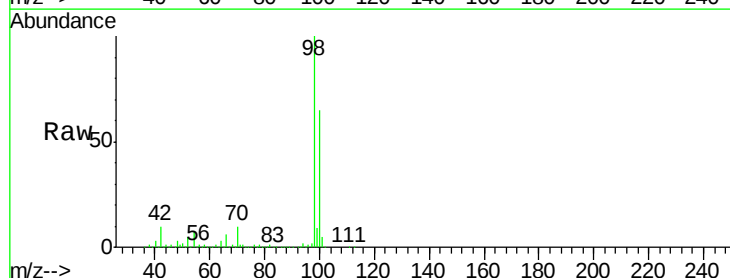
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 BV-COMP-1

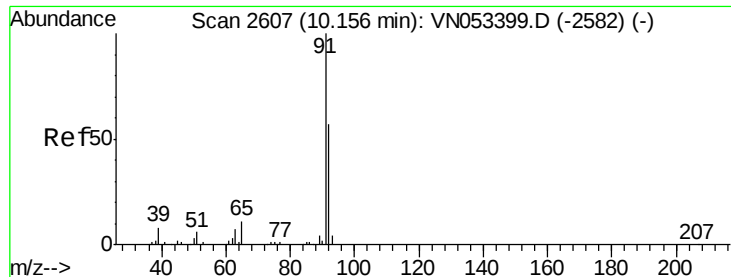
Tot Ion: 88 Resp: 597  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 27.8 41.6#  
 58 58.8 56.5 84.7



#50  
 Toluene-d8  
 Concen: 10.006 ug/l  
 RT: 10.09 min Scan# 2586  
 Delta R.T. -0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

Tgt Ion: 98 Resp: 1551455  
 Ion Ratio Lower Upper  
 98 100  
 100 64.4 51.4 77.0





#52

Toluene

Concen: 2.754 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampled :

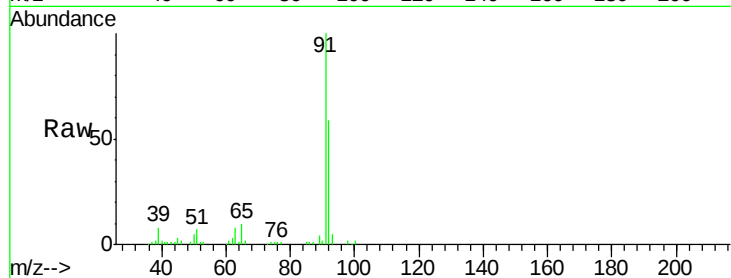
BV-COMP-1

Tot Ion: 92 Resp: 59426

Ion Ratio Lower Upper

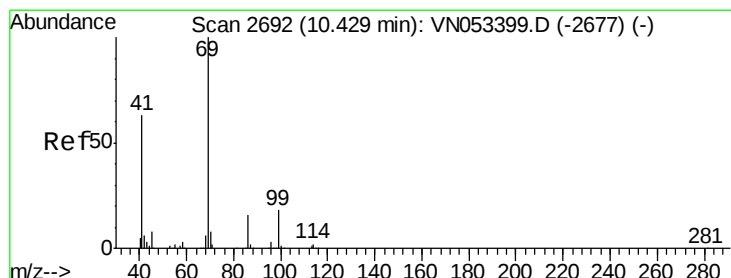
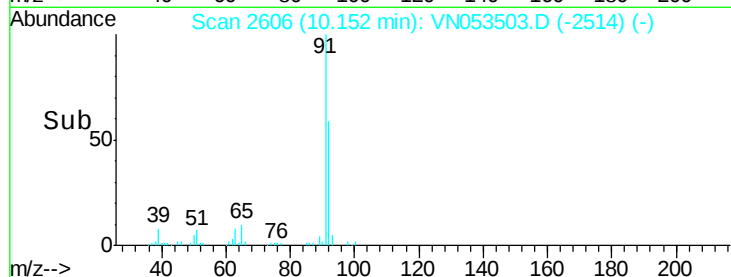
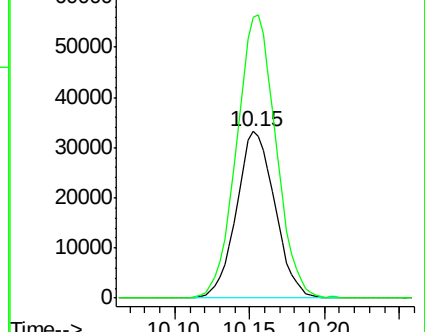
92 100

91 174.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.068 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.01 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

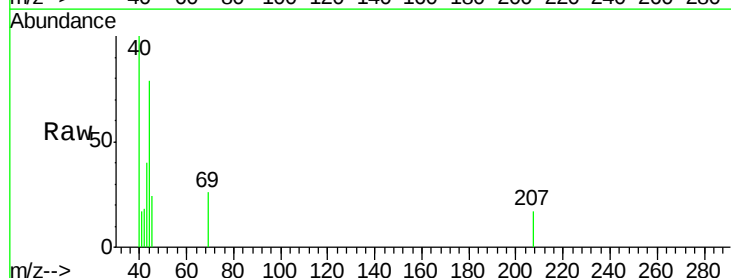
Tgt Ion: 69 Resp: 119

Ion Ratio Lower Upper

69 100

41 50.4 49.4 74.0

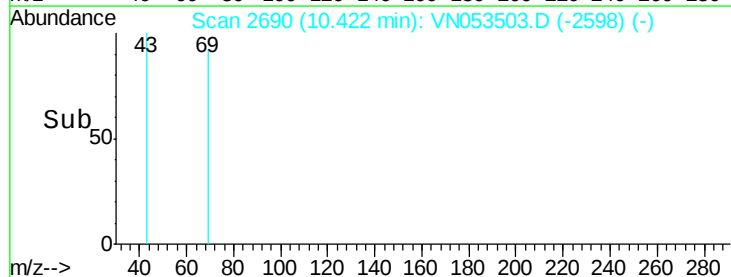
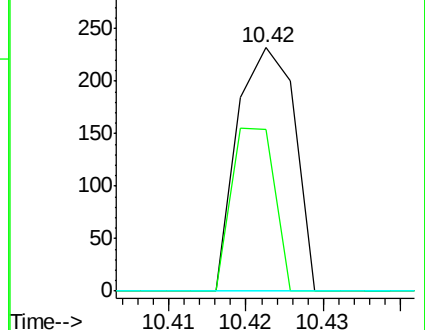
39 0.0 23.3 34.9#

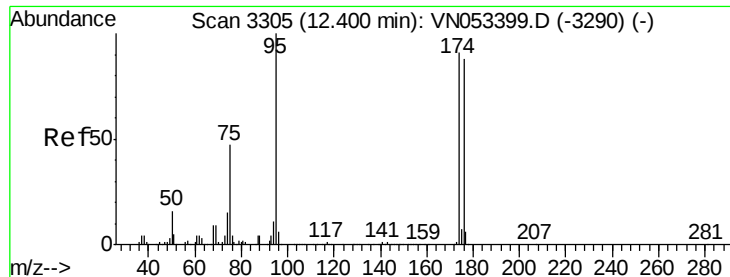


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampled :

BV-COMP-1

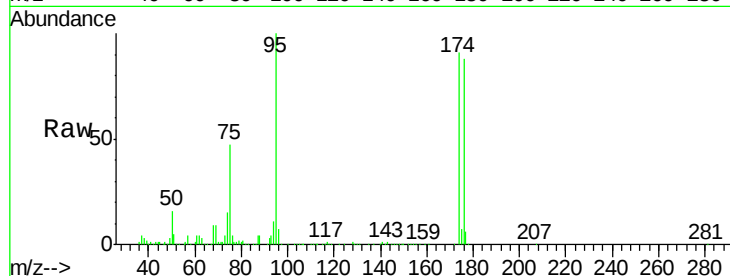
Tot Ion: 95 Resp: 548082

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

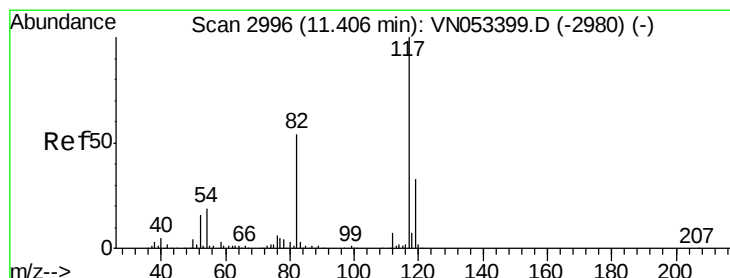
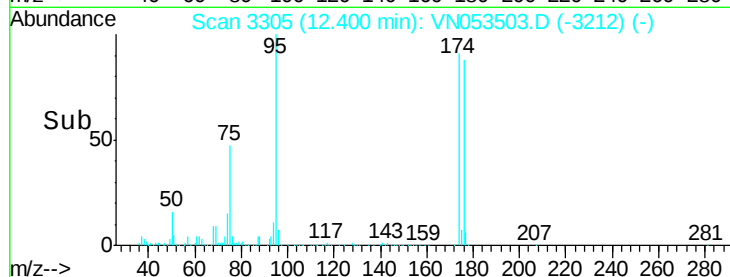
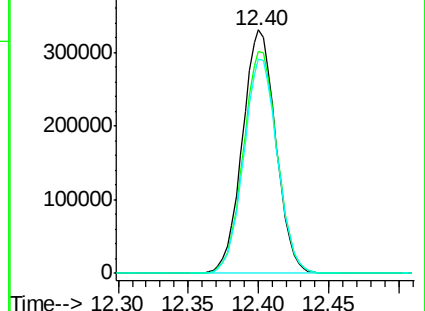
176 89.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

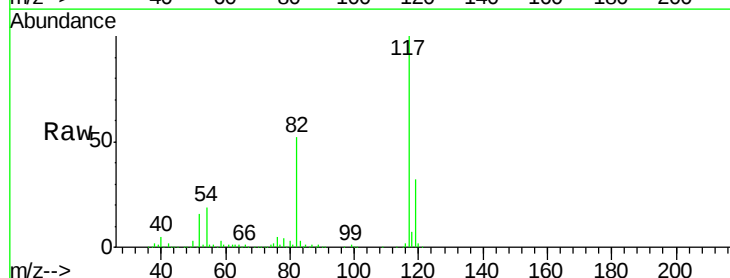
Tgt Ion: 117 Resp: 1192147

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

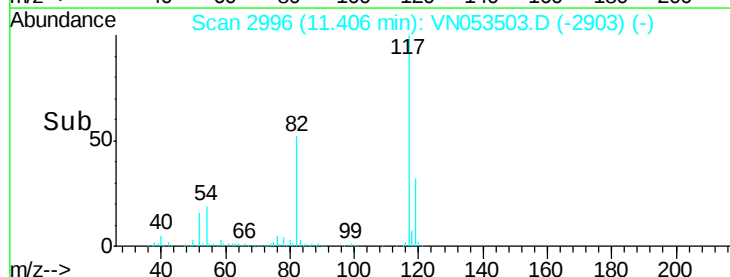
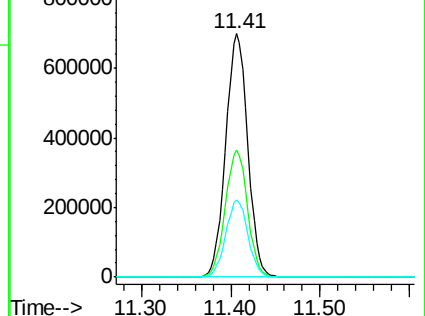
119 31.9 26.0 39.0

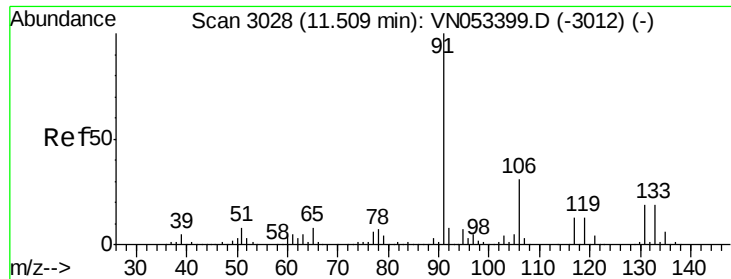


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

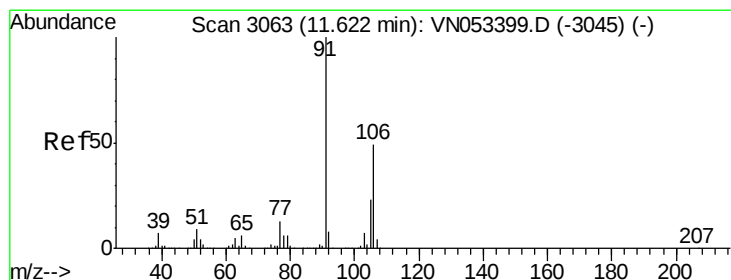
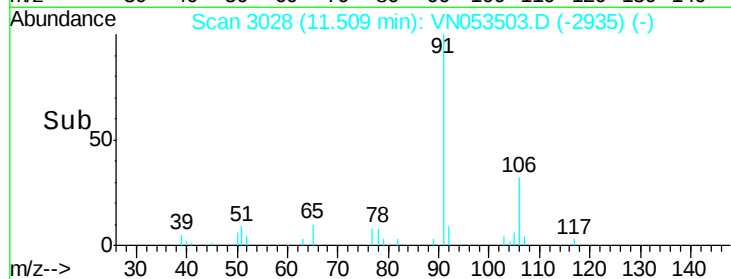
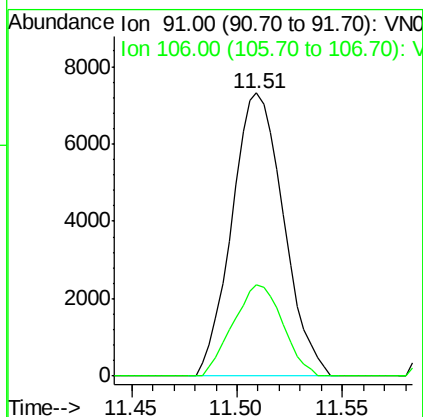
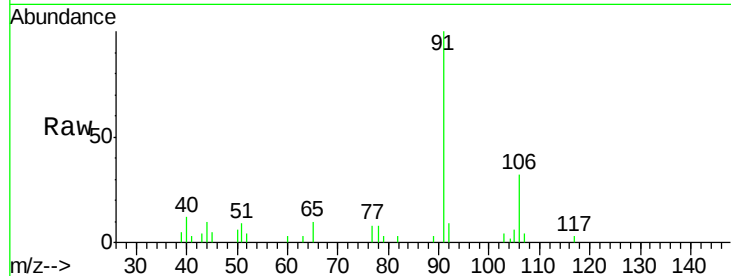




#67  
Ethyl Benzene  
Concen: 0.289 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

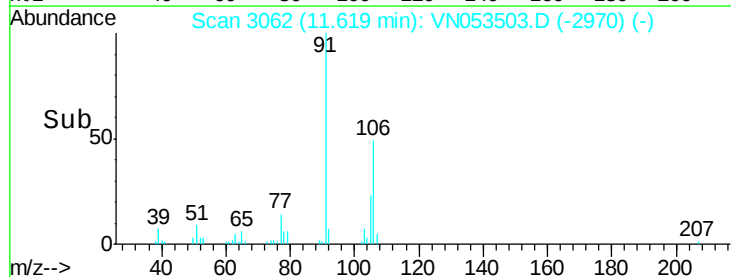
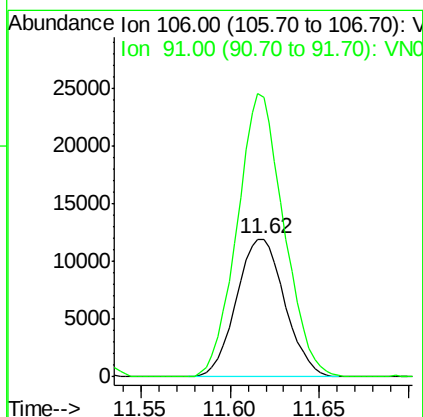
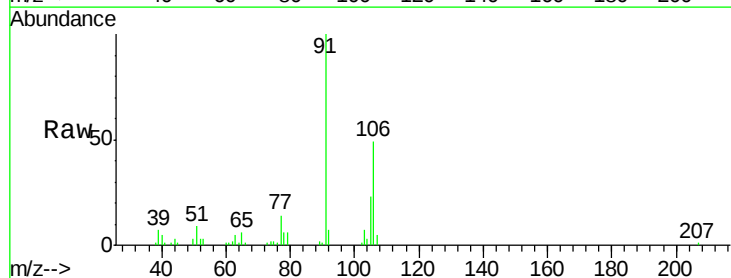
Instrument :  
MSVOA\_N  
ClientSampled :  
BV-COMP-1

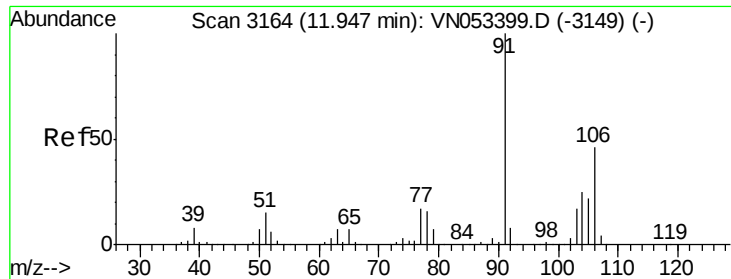
Tot Ion: 91 Resp: 12443  
Ion Ratio Lower Upper  
91 100  
106 32.5 25.0 37.6



#68  
m/p-Xylenes  
Concen: 1.392 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

Tgt Ion: 106 Resp: 22599  
Ion Ratio Lower Upper  
106 100  
91 198.1 161.4 242.2

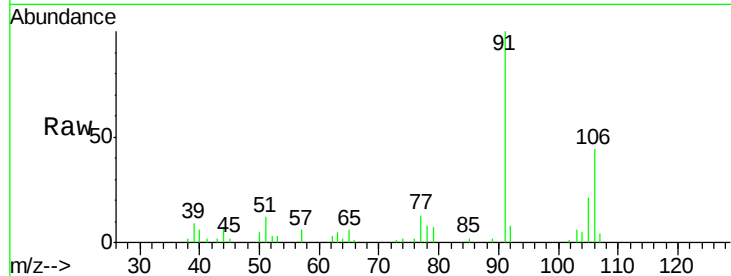




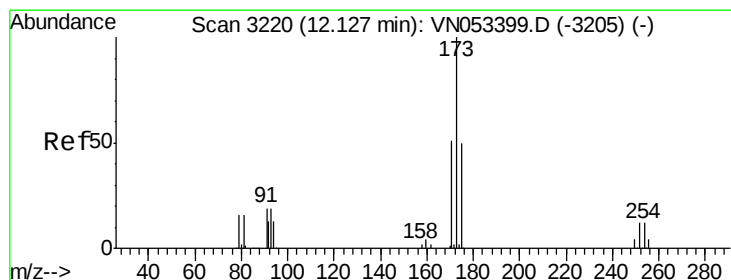
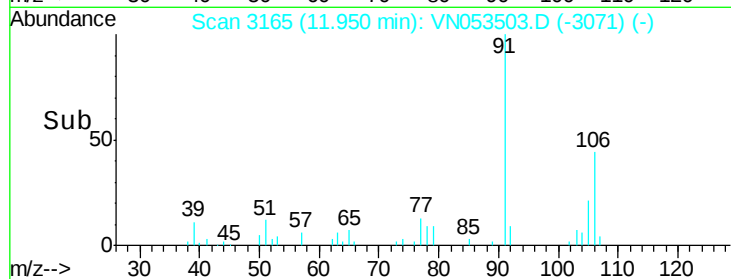
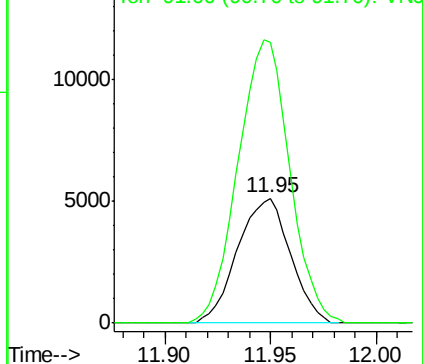
#69  
o-Xylene  
Concen: 0.567 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

Instrument :  
MSVOA\_N  
ClientSampled :  
BV-COMP-1

Tot Ion:106 Resp: 8947  
Ion Ratio Lower Upper  
106 100  
91 222.0 106.9 320.8

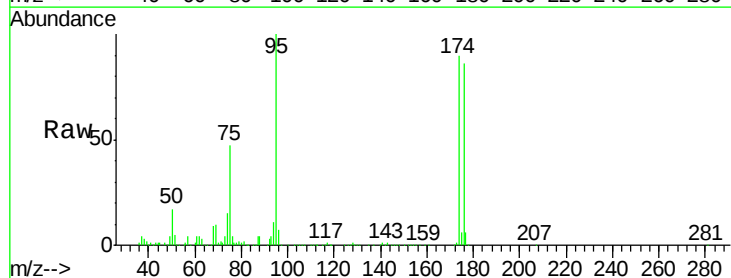


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0

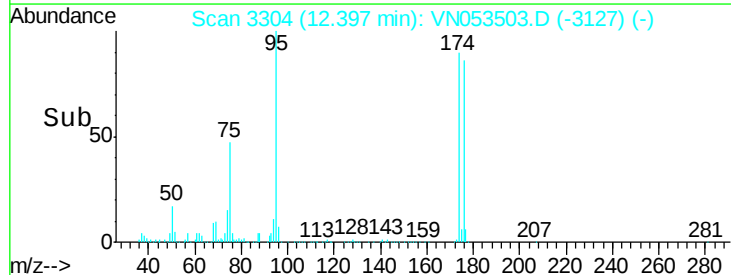
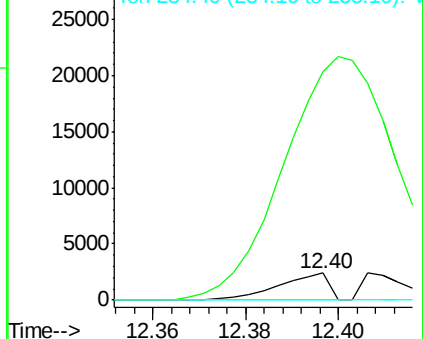


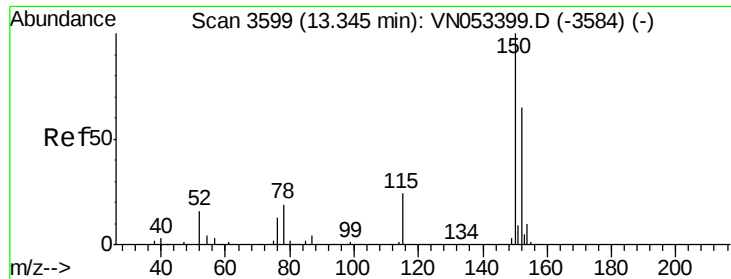
#71  
Bromoform  
Concen: 0.297 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.27 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

Tgt Ion:173 Resp: 1794  
Ion Ratio Lower Upper  
173 100  
175 1827.0 24.6 74.0#  
254 0.0 0.2 0.2#



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



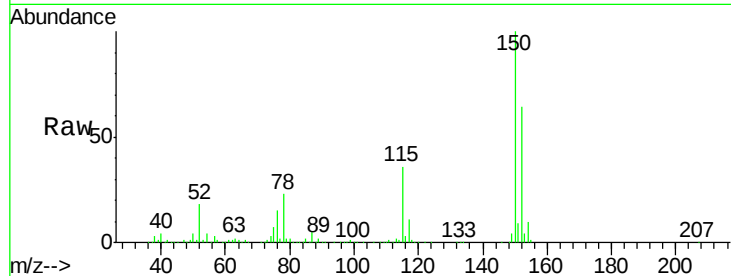


#72

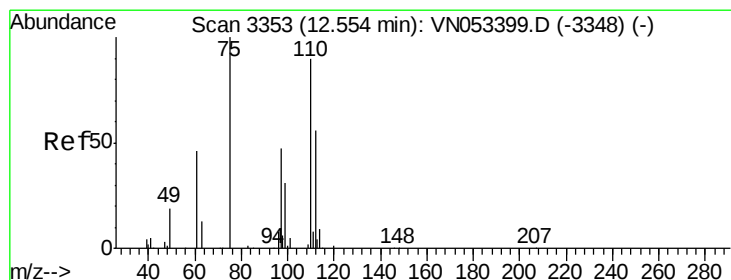
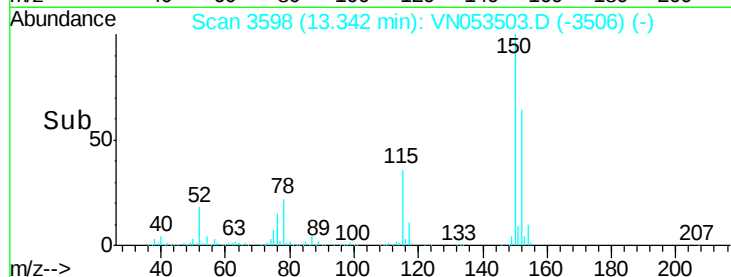
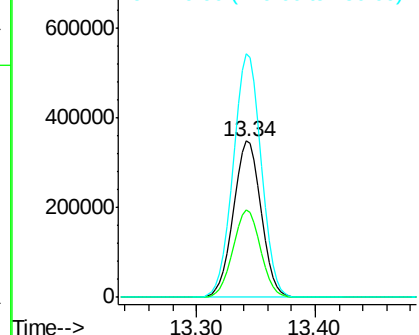
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

Instrument :  
MSVOA\_N  
ClientSampled :  
BV-COMP-1

Tot Ion:152 Resp: 562022  
Ion Ratio Lower Upper  
152 100  
115 55.5 27.8 83.4  
150 157.0 0.0 349.0



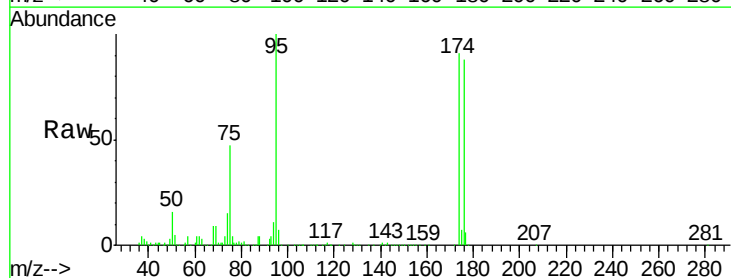
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



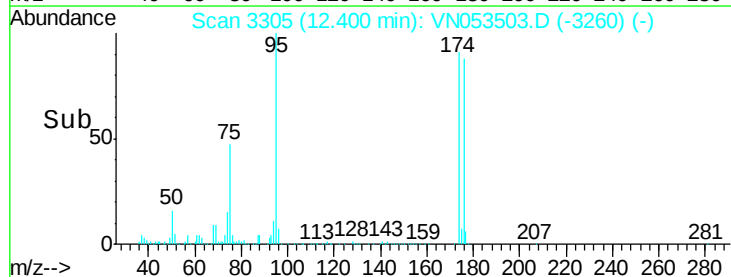
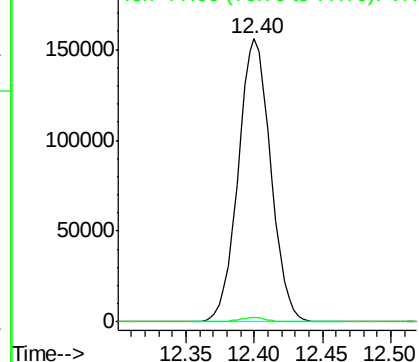
#76

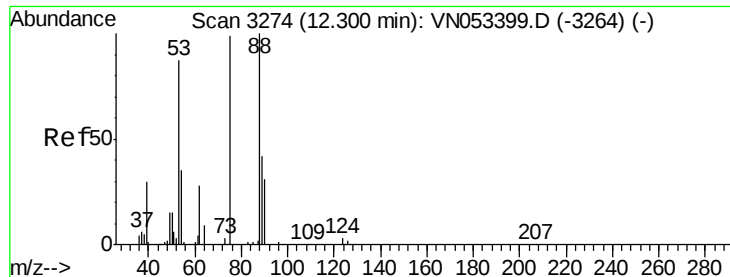
1,2,3-Trichloropropane  
Concen: 34.750 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.15 min  
Lab File: VN053503.D  
Acq: 21 Jan 2019 13:37

Tgt Ion: 75 Resp: 257369  
Ion Ratio Lower Upper  
75 100  
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 86.020 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampled :

BV-COMP-1

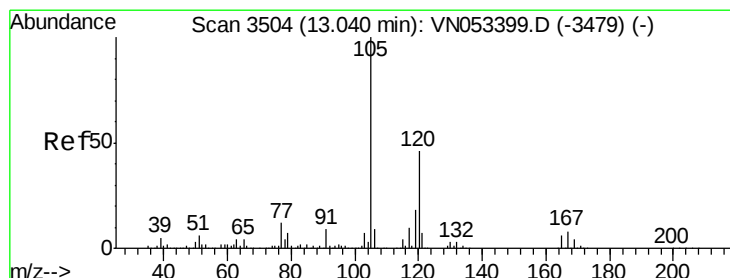
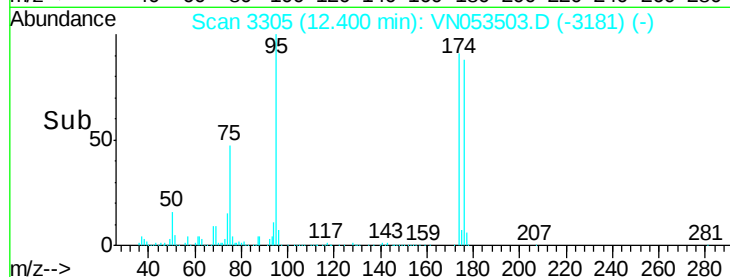
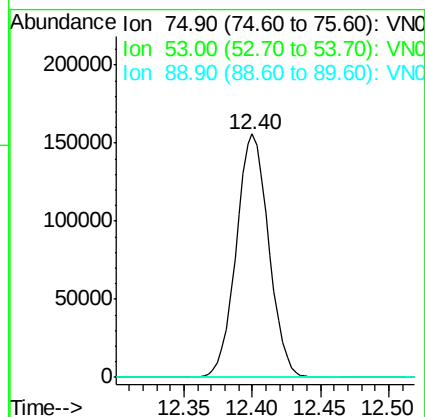
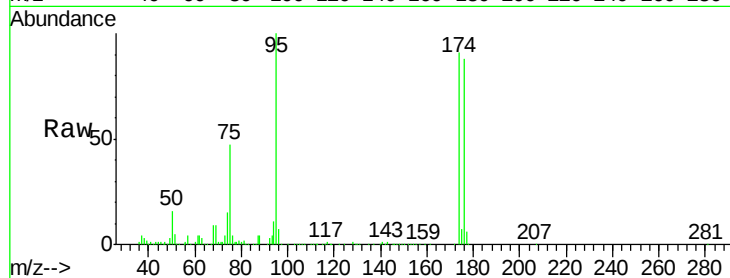
Tot Ion: 75 Resp: 257369

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.6#

89 0.0 35.6 53.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.326 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053503.D

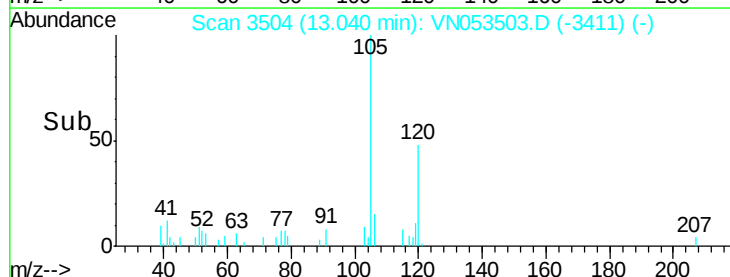
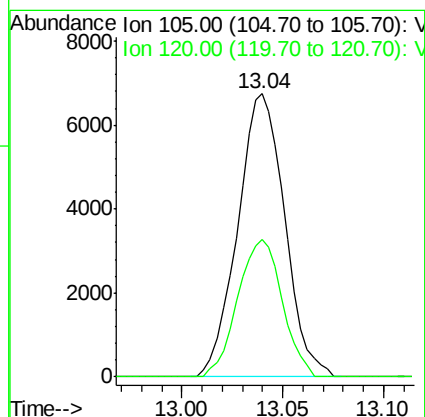
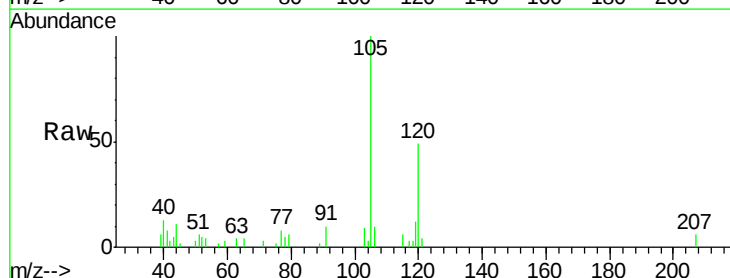
Acq: 21 Jan 2019 13:37

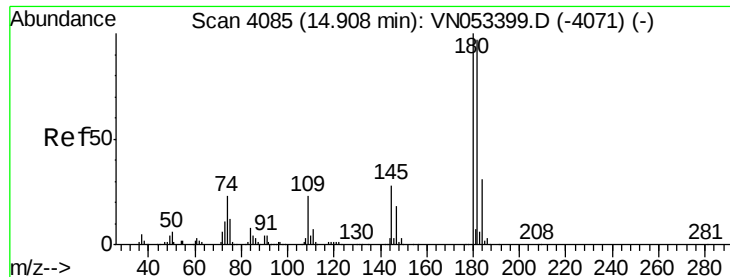
Tgt Ion: 105 Resp: 10995

Ion Ratio Lower Upper

105 100

120 46.0 23.0 69.0

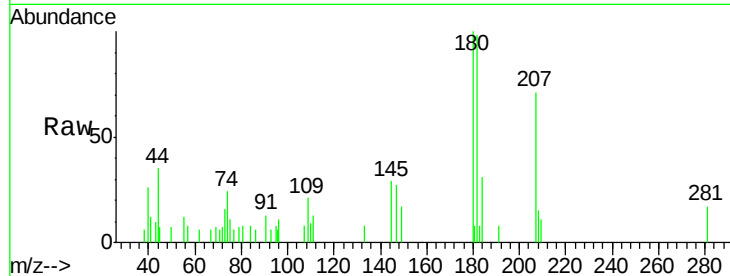




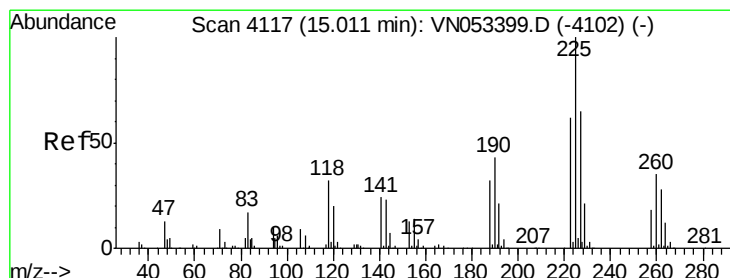
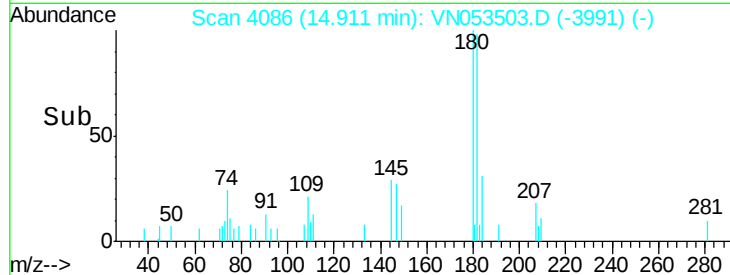
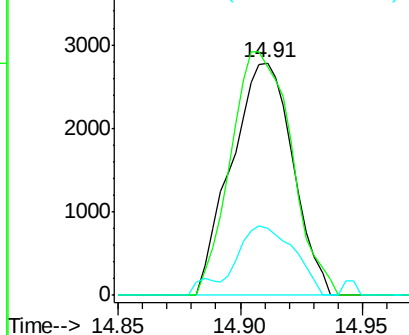
#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.358 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BV-COMP-1

Tot Ion:180 Resp: 4850  
 Ion Ratio Lower Upper  
 180 100  
 182 104.0 48.1 144.3  
 145 29.5 13.9 41.6

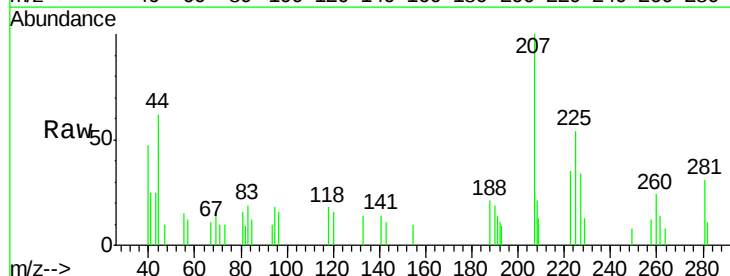


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

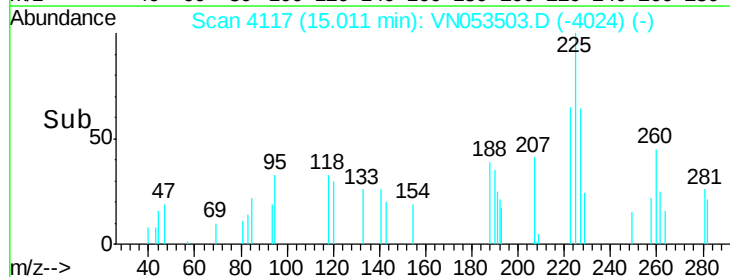
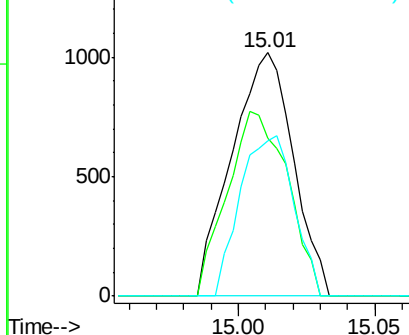


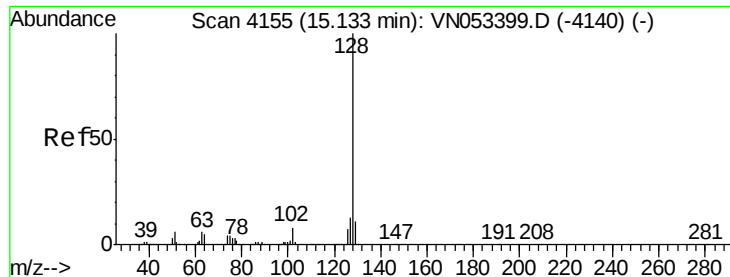
#94  
 Hexachlorobutadiene  
 Concen: 0.291 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN053503.D  
 Acq: 21 Jan 2019 13:37

Tgt Ion:225 Resp: 1592  
 Ion Ratio Lower Upper  
 225 100  
 223 74.3 31.1 93.2  
 227 57.7 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.891 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA\_N

ClientSampleId :

BV-COMP-1

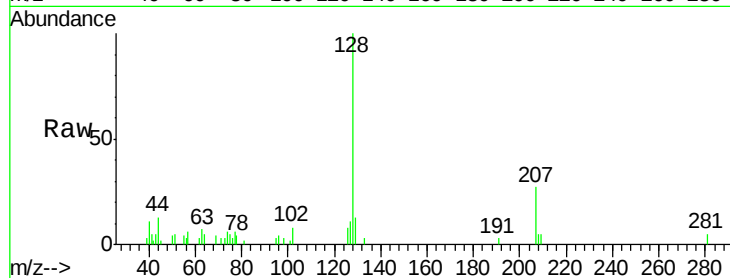
Tot Ion:128 Resp: 14049

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

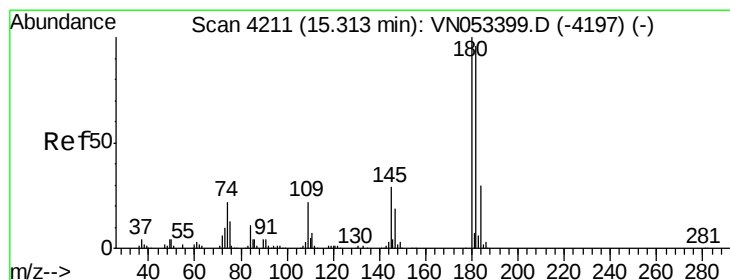
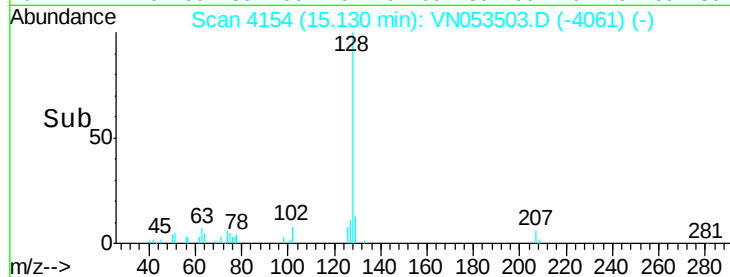
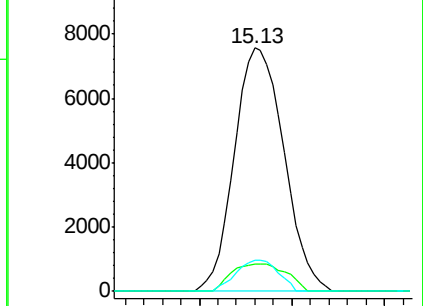
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.686 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

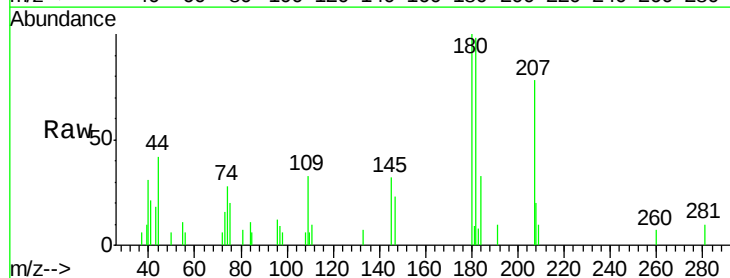
Tgt Ion:180 Resp: 4804

Ion Ratio Lower Upper

180 100

182 106.5 47.9 143.8

145 31.5 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

