

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\  
 Data File : VN062144.D  
 Acq On : 26 Jun 2020 17:02  
 Operator : JC/MD  
 Sample : L3127-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 36BR-20200625

Quant Time: Jun 27 03:43:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 245438   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 446314   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 431697   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 164923   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 162468   | 47.17 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.34% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 137285   | 47.95 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.90% |      |
| 50) Toluene-d8            | 10.06  | 98  | 570123   | 49.81 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.62% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 186039   | 48.11 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.22% |      |

## Target Compounds

|                                |       |     |          |           |        | Qvalue |
|--------------------------------|-------|-----|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.83  | 85  | 91959    | 33.147    | ug/l   | 95     |
| 3) Chloromethane               | 2.15  | 50  | 238436   | 73.636    | ug/l # | 41     |
| 4) Vinyl Chloride              | 2.15  | 62  | 10707599 | 2450.880  | ug/l # | 6      |
| 6) Chloroethane                | 2.67  | 64  | 748      | 0.251     | ug/l # | 42     |
| 11) Tert butyl alcohol         | 4.73  | 59  | 766      | 1.549     | ug/l # | 72     |
| 12) 1,1-Dichloroethene         | 3.70  | 96  | 331147   | 117.502   | ug/l   | 97     |
| 14) Allyl chloride             | 4.02  | 41  | 3021     | 0.787     | ug/l # | 84     |
| 16) Acetone                    | 3.77  | 43  | 1007     | Below Cal | #      | 84     |
| 17) Carbon Disulfide           | 4.01  | 76  | 2320     | 0.338     | ug/l # | 75     |
| 18) Methyl Acetate             | 4.29  | 43  | 555      | 0.203     | ug/l # | 46     |
| 20) Methylene Chloride         | 4.49  | 84  | 205      | Below Cal | #      | 9      |
| 21) trans-1,2-Dichloroethene   | 4.99  | 96  | 385423   | 120.050   | ug/l   | 96     |
| 25) 2-Butanone                 | 6.76  | 43  | 883      | 0.524     | ug/l # | 1      |
| 26) 2,2-Dichloropropane        | 6.76  | 77  | 997      | 0.213     | ug/l # | 1      |
| 27) cis-1,2-Dichloroethene     | 6.76  | 96  | 9422311  | 2608.132  | ug/l   | 62     |
| 29) Tetrahydrofuran            | 7.17  | 42  | 186524   | 169.137   | ug/l   | 97     |
| 31) Cyclohexane                | 7.63  | 56  | 5906     | 1.241     | ug/l # | 11     |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 20498    | 4.569     | ug/l # | 44     |
| 37) Ethyl Acetate              | 6.76  | 43  | 883      | 0.238     | ug/l # | 1      |
| 38) Carbon Tetrachloride       | 7.62  | 117 | 25033    | 5.919     | ug/l # | 16     |
| 39) Methylcyclohexane          | 8.81  | 83  | 471944   | 96.014    | ug/l # | 1      |
| 40) Benzene                    | 8.00  | 78  | 36260    | 2.652     | ug/l   | 96     |
| 41) Methacrylonitrile          | 7.17  | 41  | 107158   | 62.222    | ug/l # | 34     |
| 44) Trichloroethene            | 8.81  | 130 | 12153363 | 3523.542  | ug/l   | 96     |
| 45) 1,2-Dichloropropane        | 8.81  | 63  | 111929   | 33.181    | ug/l # | 1      |
| 48) Methyl methacrylate        | 9.09  | 41  | 619      | 0.228     | ug/l # | 33     |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43  | 25621    | 7.242     | ug/l   | 99     |
| 52) Toluene                    | 10.12 | 92  | 44564    | 5.342     | ug/l   | 99     |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63  | 157      | 16.181    | ug/l # | 46     |
| 71) Bromoform                  | 12.37 | 173 | 1680     | 0.721     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.37 | 75  | 93506    | 24.084    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.37 | 75  | 93506    | 70.336    | ug/l # | 13     |
| 95) Naphthalene                | 15.11 | 128 | 807      | 4.089     | ug/l # | 69     |

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QLast Update : Wed Jun 24 15:33:00 2020  
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

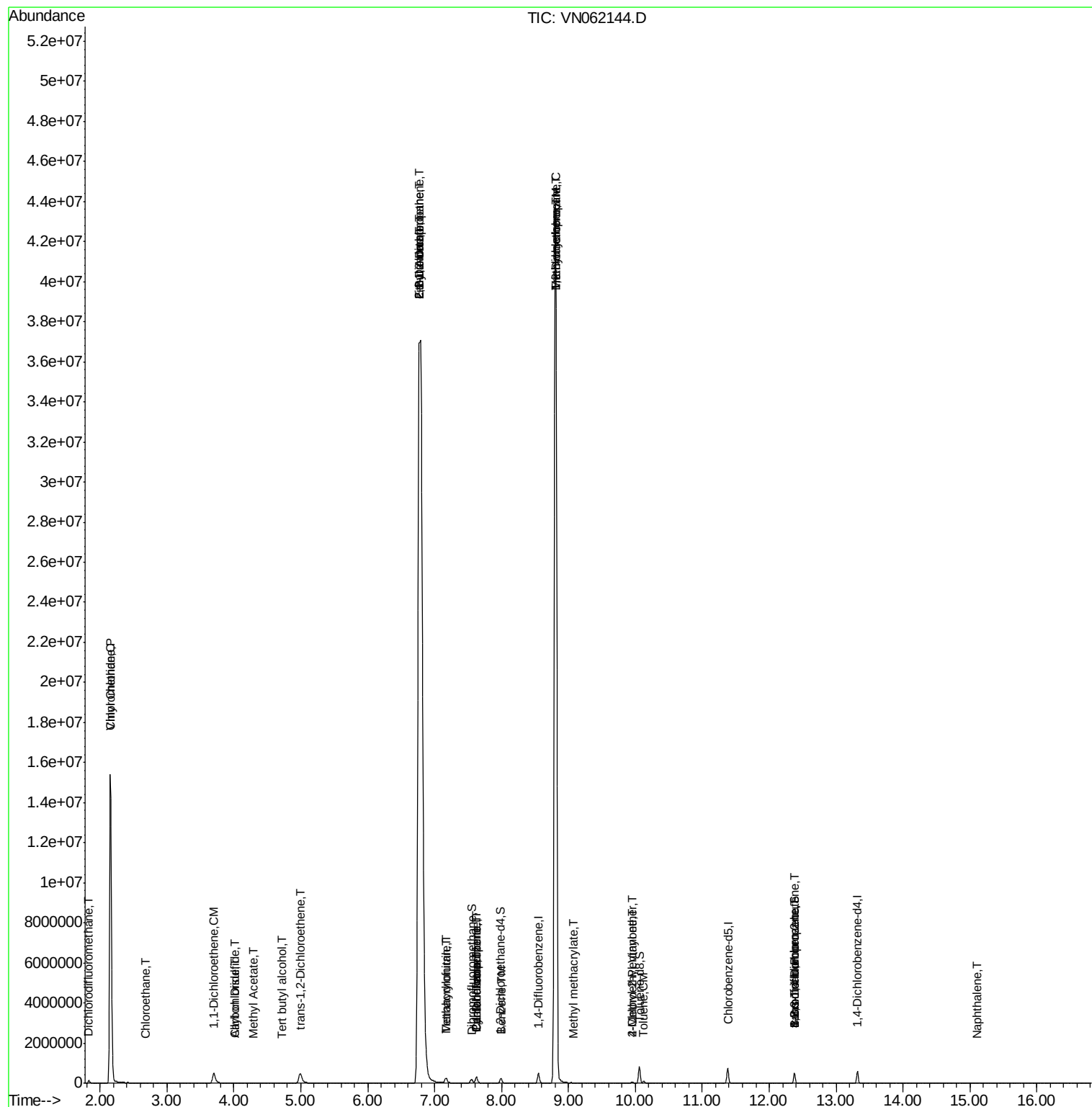
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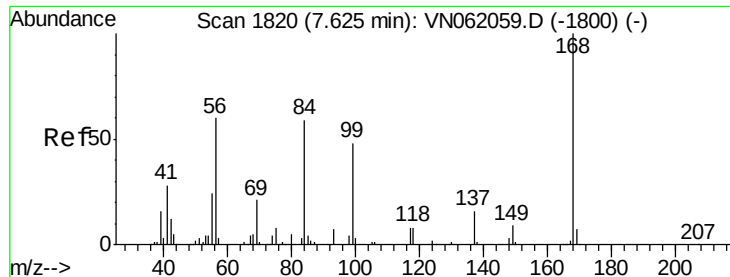
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

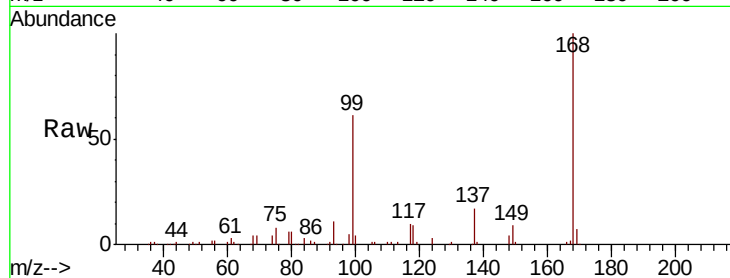
36BR-20200625

Tot Ion:168 Resp: 245438

Ion Ratio Lower Upper

168 100

99 60.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

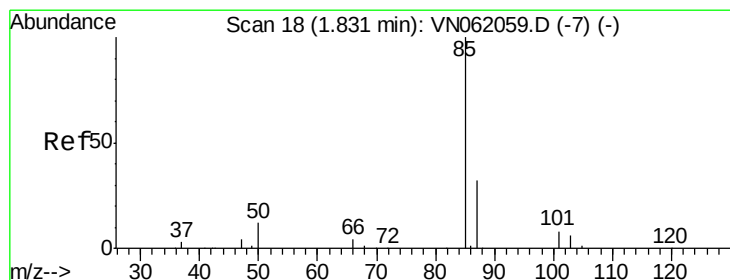
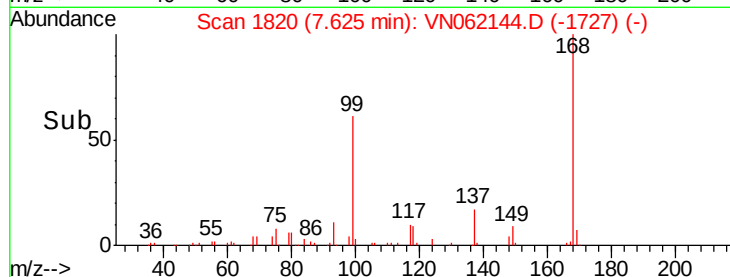
0

7.63

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 33.147 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062144.D

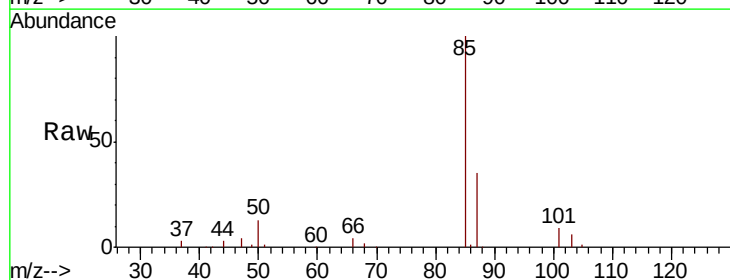
Acq: 26 Jun 2020 17:02

Tgt Ion: 85 Resp: 91959

Ion Ratio Lower Upper

85 100

87 34.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

60000

40000

20000

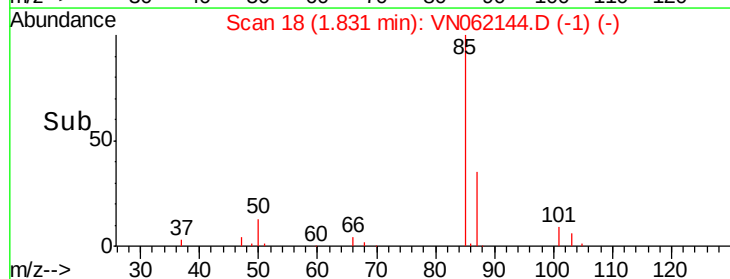
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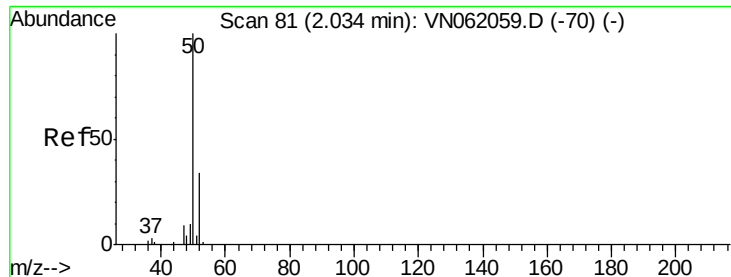
1.83

1.80

1.90

Time-->





#3

Chloromethane

Concen: 73.636 ug/l

RT: 2.15 min Scan# 118

Delta R.T. 0.12 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

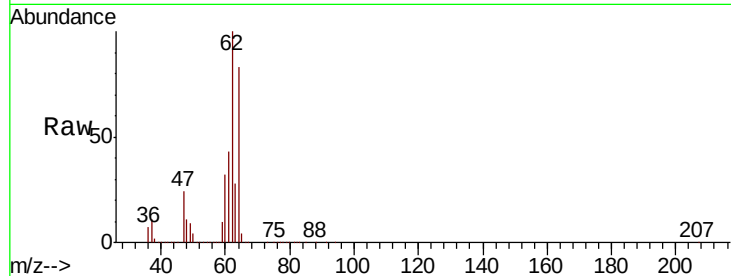
36BR-20200625

Tot Ion: 50 Resp: 238436

Ion Ratio Lower Upper

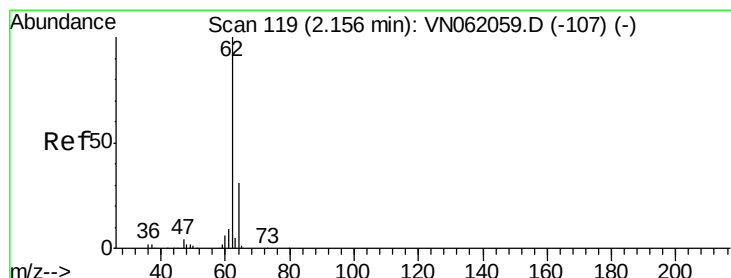
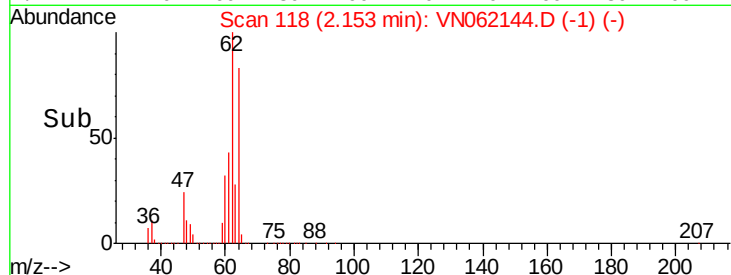
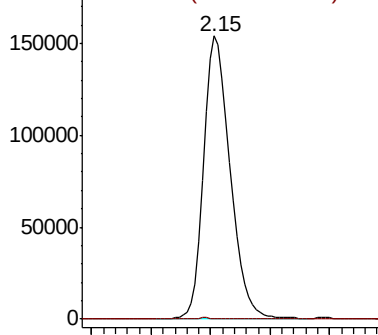
50 100

52 0.3 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 2450.880 ug/l

RT: 2.15 min Scan# 118

Delta R.T. -0.00 min

Lab File: VN062144.D

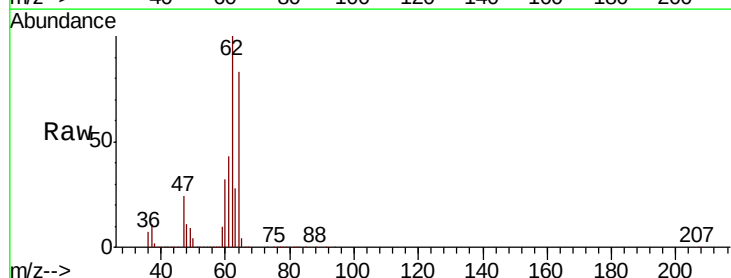
Acq: 26 Jun 2020 17:02

Tgt Ion: 62 Resp:10707599

Ion Ratio Lower Upper

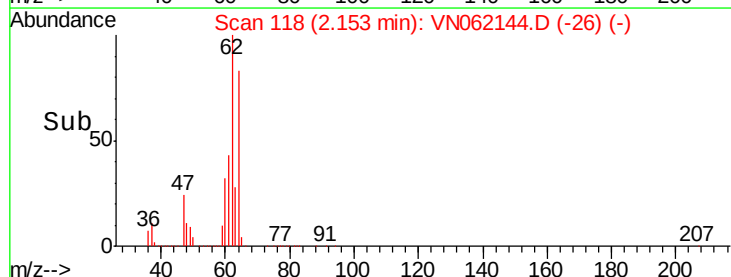
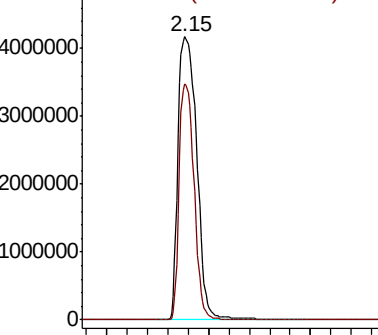
62 100

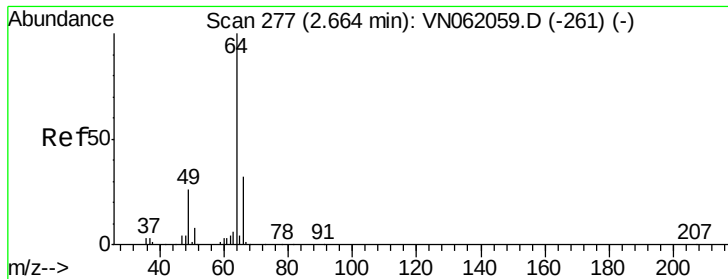
64 83.5 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#6

Chloroethane

Concen: 0.251 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

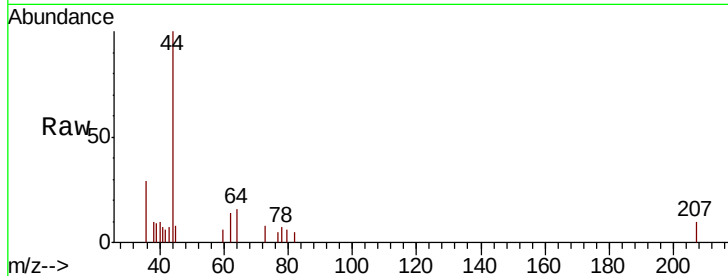
36BR-20200625

Tot Ion: 64 Resp: 748

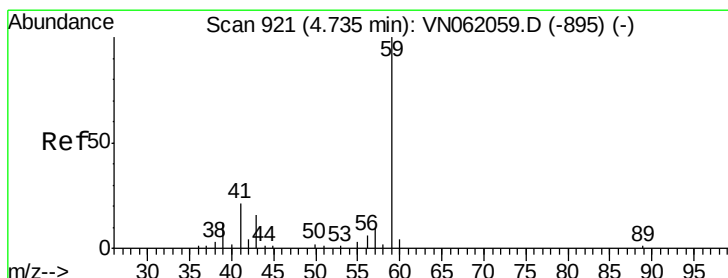
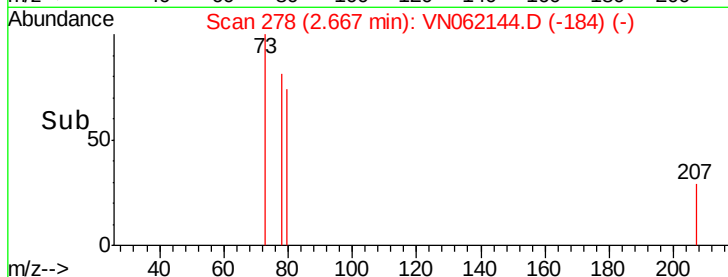
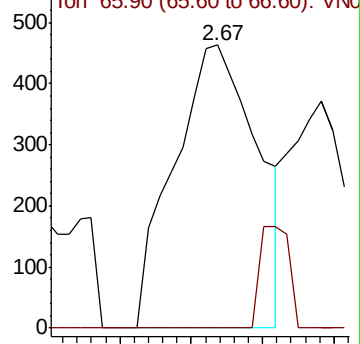
Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VN0



#11

Tert butyl alcohol

Concen: 1.549 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.01 min

Lab File: VN062144.D

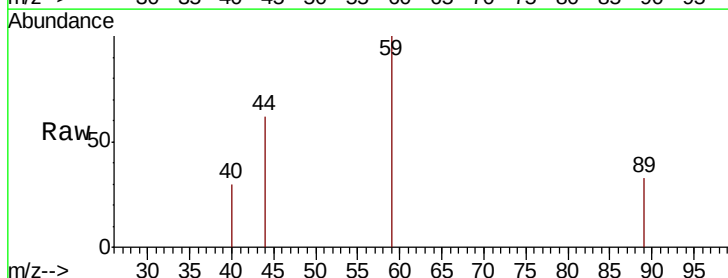
Acq: 26 Jun 2020 17:02

Tgt Ion: 59 Resp: 766

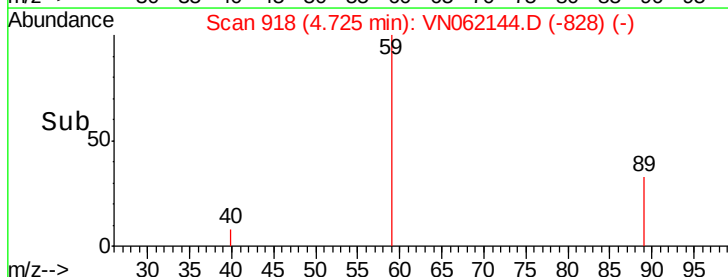
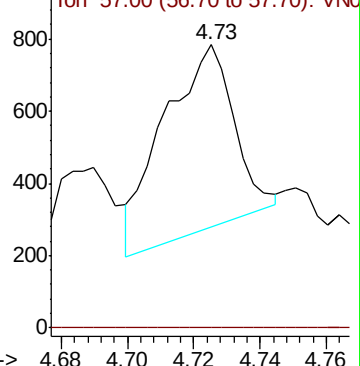
Ion Ratio Lower Upper

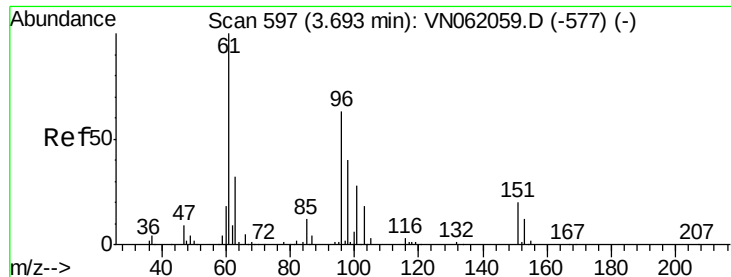
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0





#12

1,1-Dichloroethene

Concen: 117.502 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

36BR-20200625

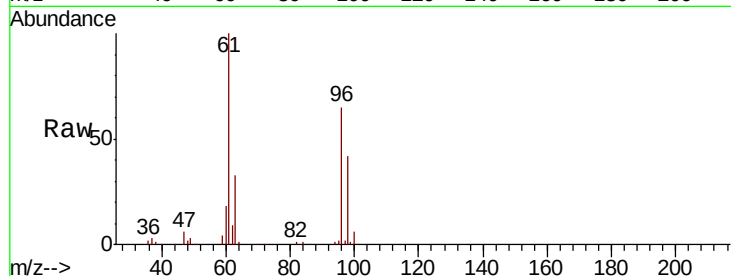
Tot Ion: 96 Resp: 331147

Ion Ratio Lower Upper

96 100

61 153.7 126.7 190.1

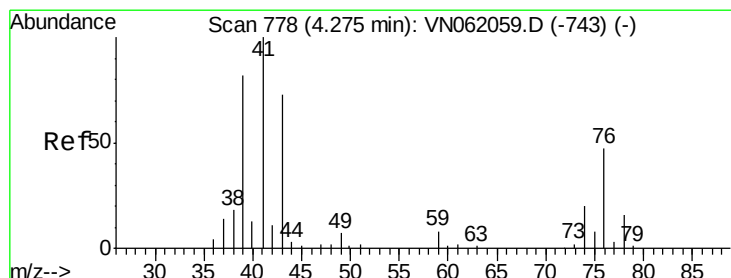
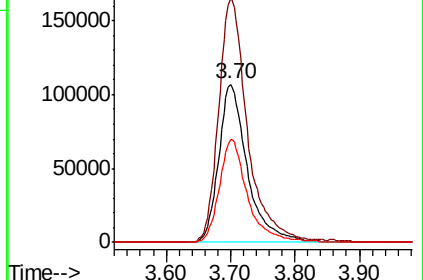
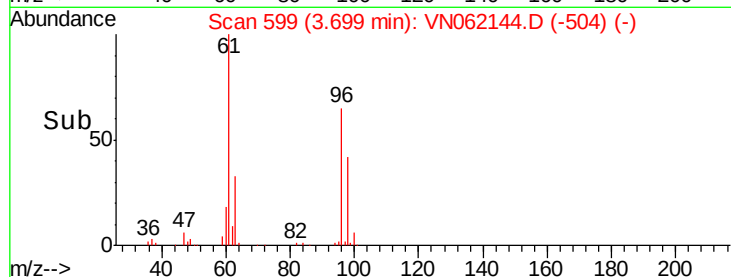
98 64.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062144.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN062144.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN062144.D (-504) (-)



#14

Allyl chloride

Concen: 0.787 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.25 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

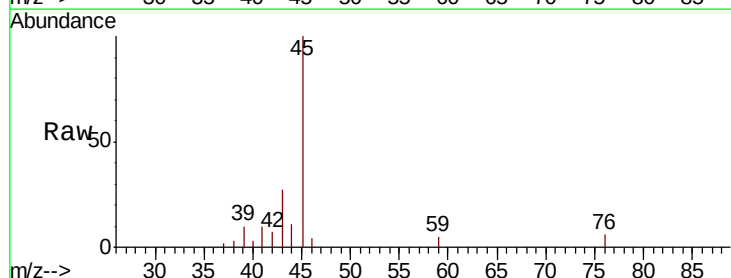
Tgt Ion: 41 Resp: 3021

Ion Ratio Lower Upper

41 100

39 89.2 60.0 90.0

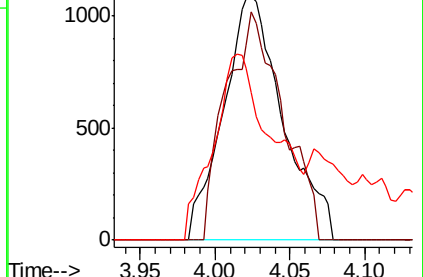
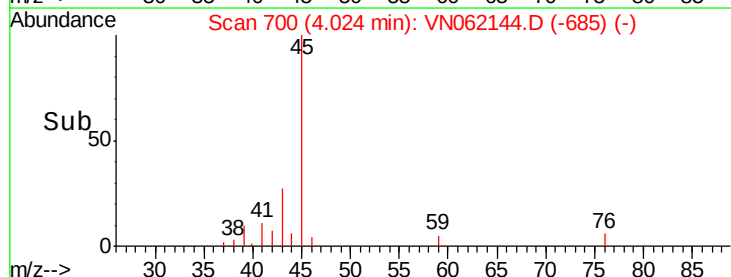
76 51.4 34.1 51.1#

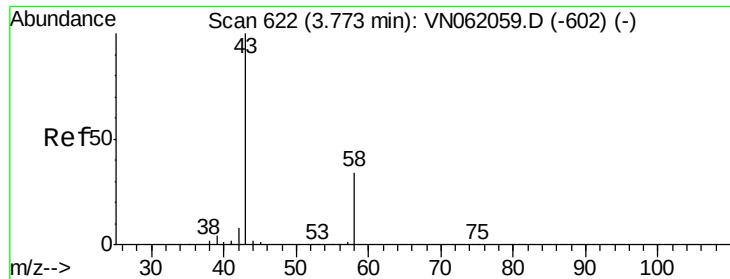


Abundance Ion 41.00 (40.70 to 41.70): VN062144.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062144.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062144.D (-685) (-)





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

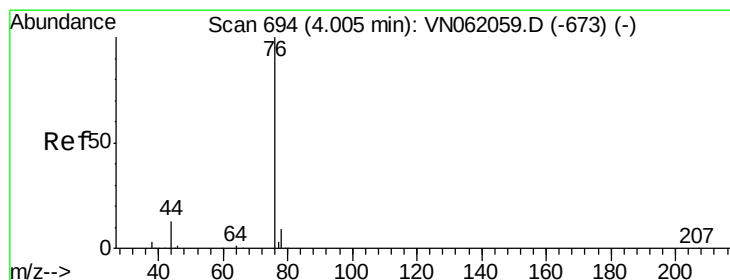
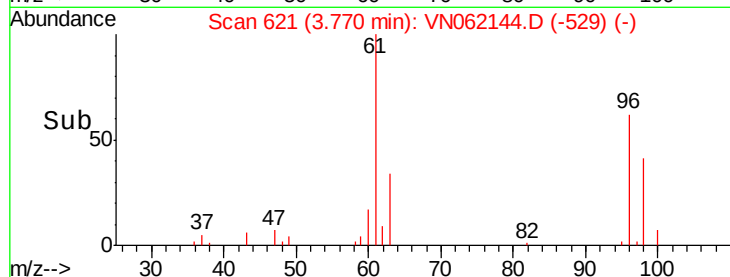
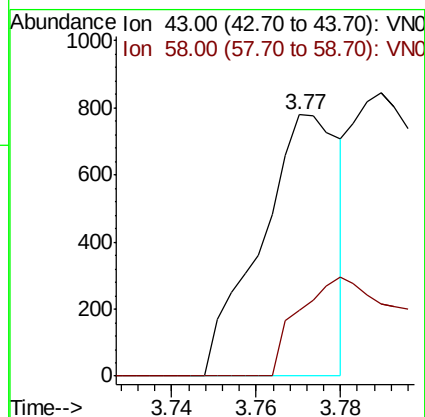
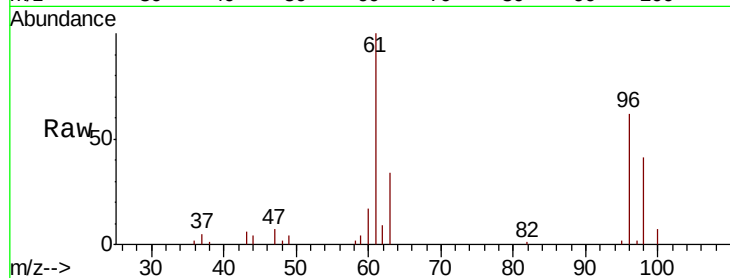
36BR-20200625

Tot Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

58 25.1 27.5 41.3#



#17

Carbon Disulfide

Concen: 0.338 ug/l

RT: 4.01 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN062144.D

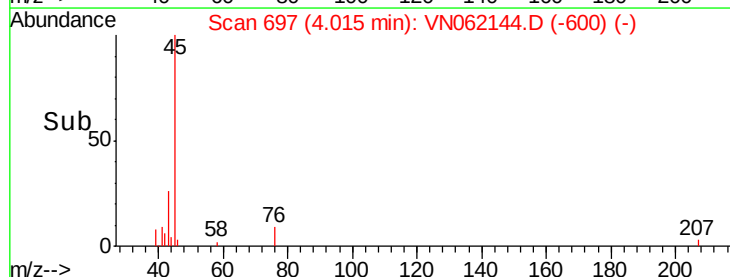
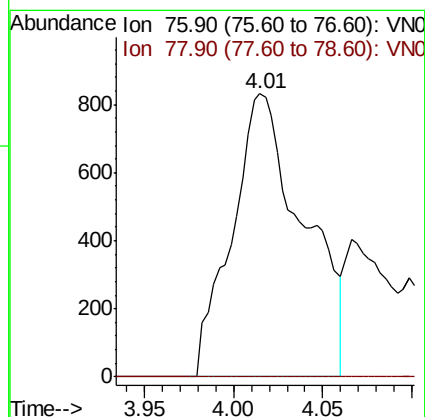
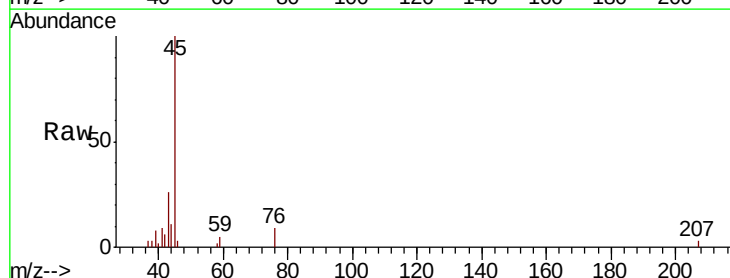
Acq: 26 Jun 2020 17:02

Tgt Ion: 76 Resp: 2320

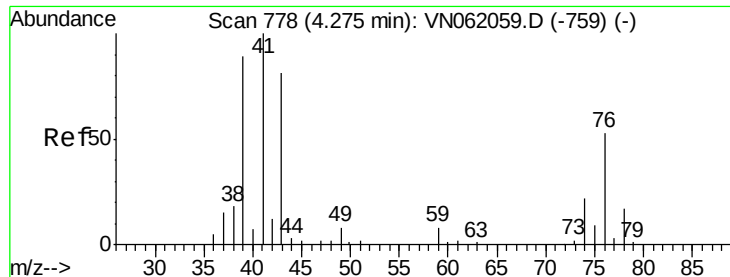
Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



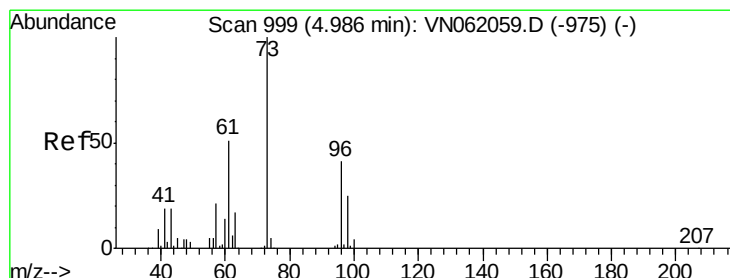
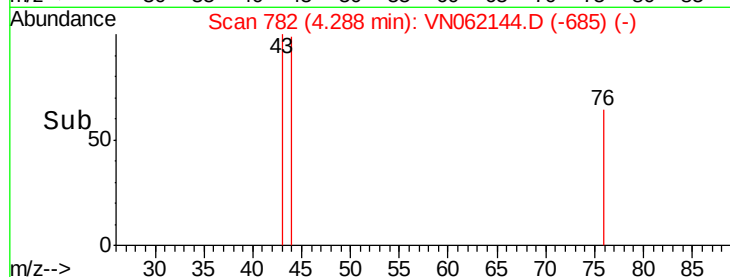
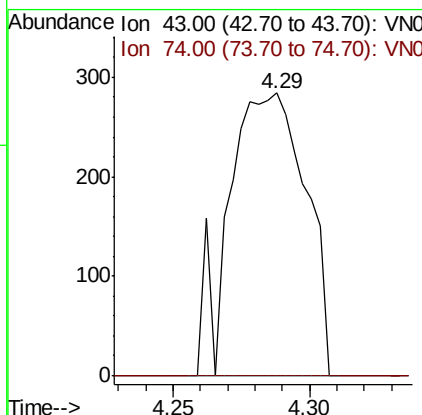
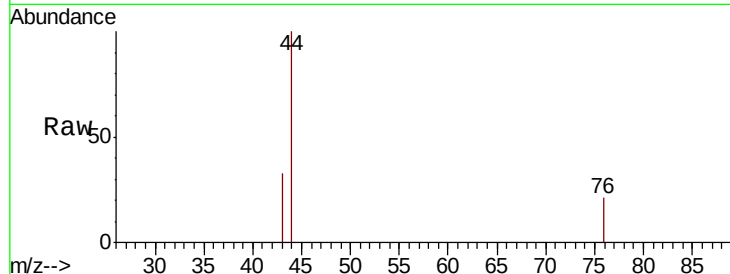




#18  
Methyl Acetate  
Concen: 0.203 ug/l  
RT: 4.29 min Scan# 782  
Delta R.T. 0.01 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

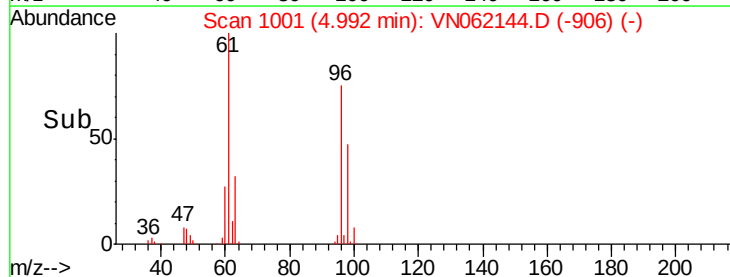
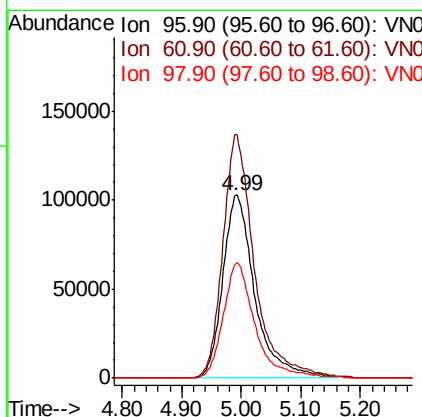
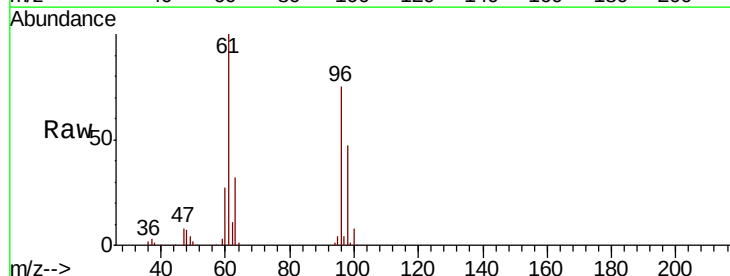
Instrument :  
MSVOA\_N  
ClientSampleId :  
36BR-20200625

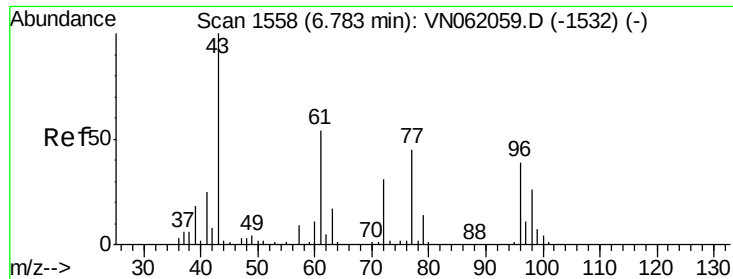
Tot Ion: 43 Resp: 555  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.9 34.3#



#21  
trans-1,2-Dichloroethene  
Concen: 120.050 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.01 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Tgt Ion: 96 Resp: 385423  
Ion Ratio Lower Upper  
96 100  
61 133.1 101.4 152.2  
98 63.1 49.3 73.9





#25

2-Butanone

Concen: 0.524 ug/l

RT: 6.76 min Scan# 1552

Delta R.T. -0.02 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

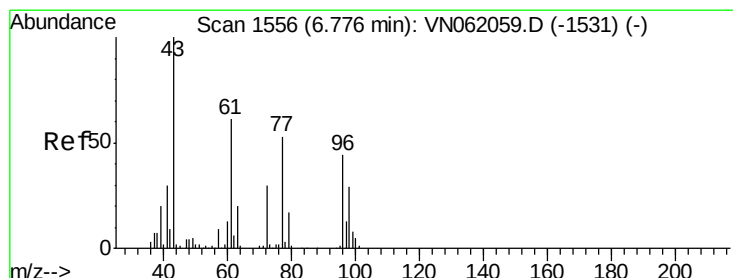
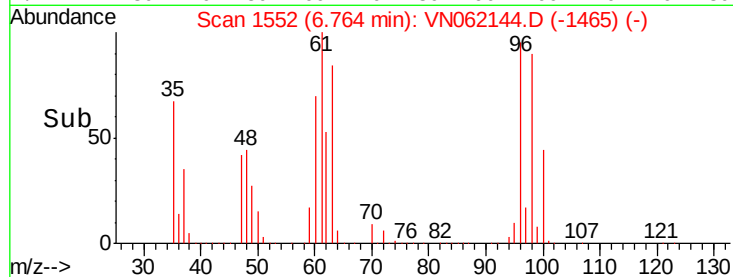
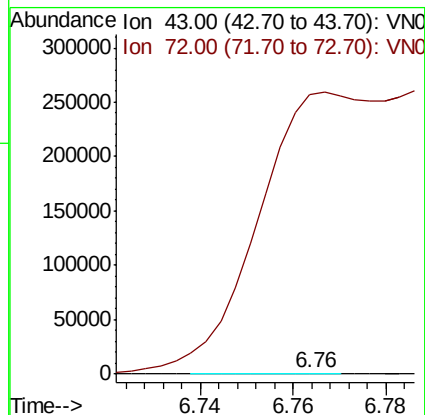
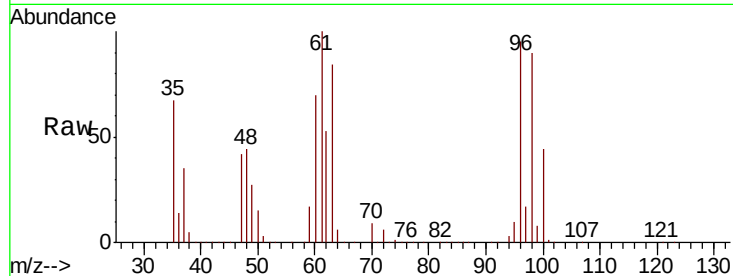
36BR-20200625

Tot Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

72 33846.9 24.8 37.2#



#26

2,2-Dichloropropane

Concen: 0.213 ug/l

RT: 6.76 min Scan# 1551

Delta R.T. -0.02 min

Lab File: VN062144.D

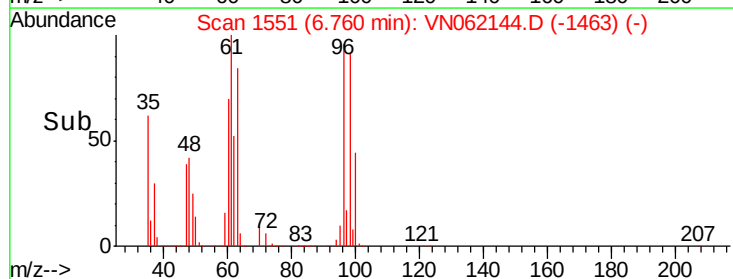
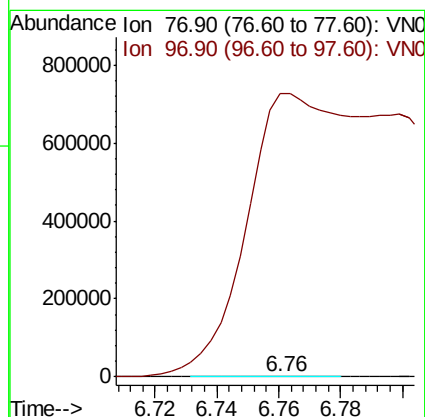
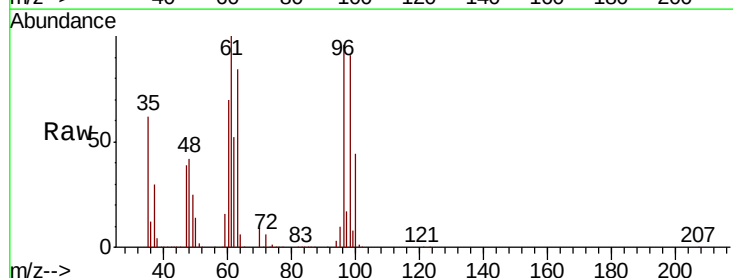
Acq: 26 Jun 2020 17:02

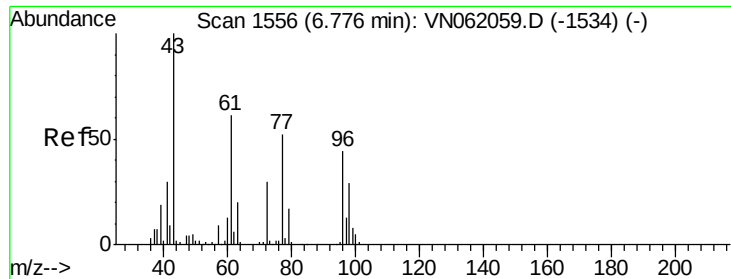
Tgt Ion: 77 Resp: 997

Ion Ratio Lower Upper

77 100

97 171152.0 11.8 35.3#





#27

cis-1,2-Dichloroethene

Concen: 2608.132 ug/l

RT: 6.76 min Scan# 1551

Delta R.T. -0.02 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

36BR-20200625

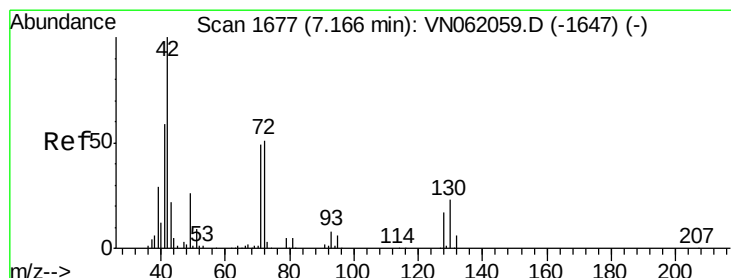
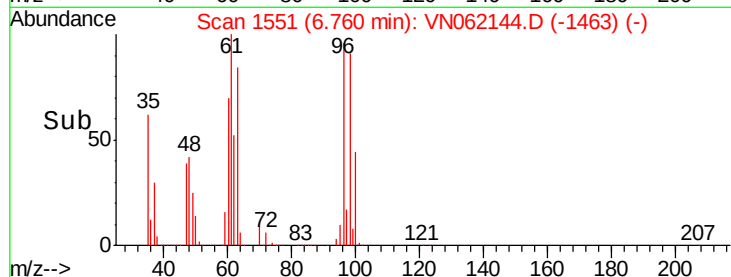
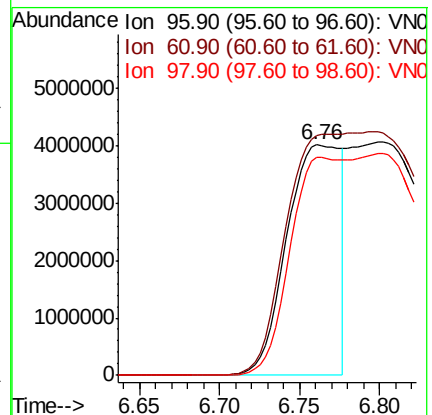
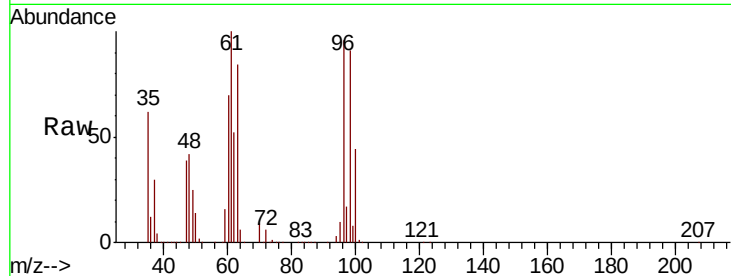
Tot Ion: 96 Resp: 9422311

Ion Ratio Lower Upper

96 100

61 90.0 0.0 280.4

98 88.8 0.0 129.4



#29

Tetrahydrofuran

Concen: 169.137 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

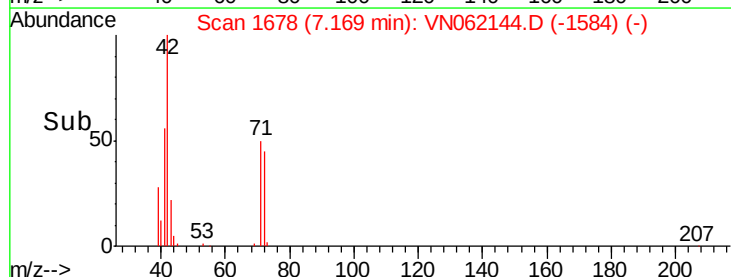
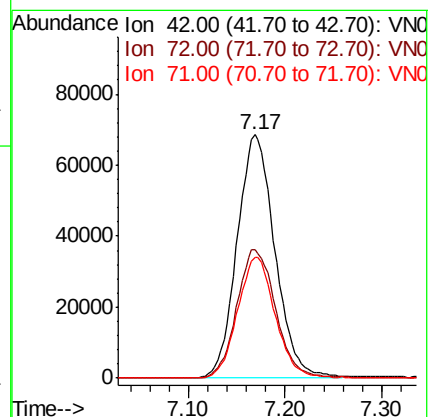
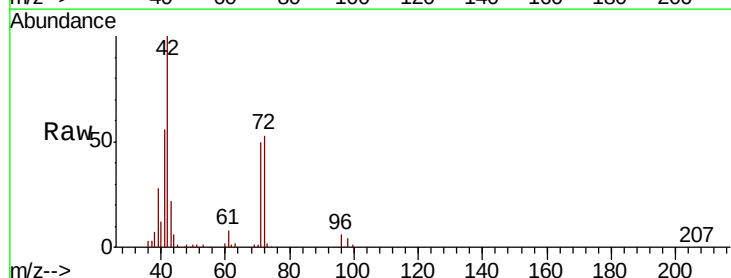
Tgt Ion: 42 Resp: 186524

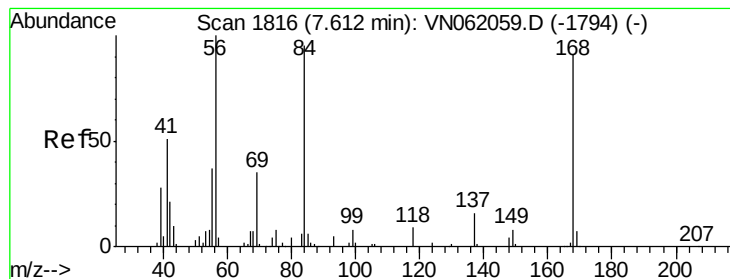
Ion Ratio Lower Upper

42 100

72 54.1 41.1 61.7

71 49.3 38.2 57.4





#31

Cyclohexane

Concen: 1.241 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

36BR-20200625

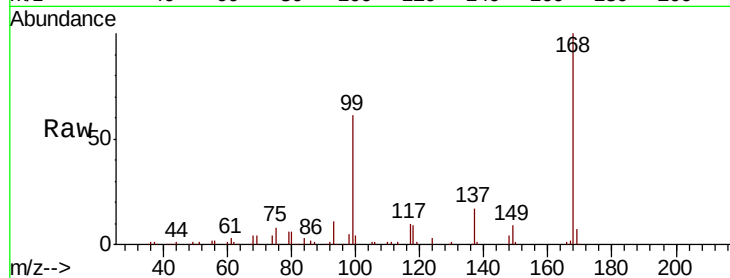
Tot Ion: 56 Resp: 5906

Ion Ratio Lower Upper

56 100

69 152.7 28.0 42.0#

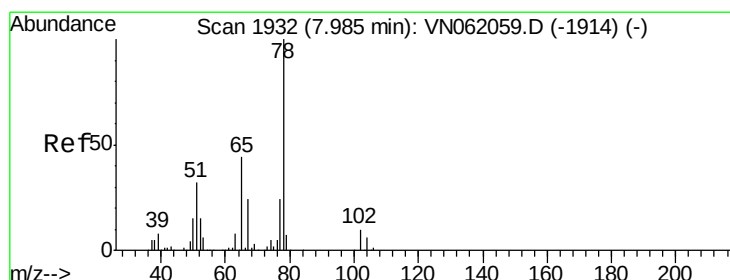
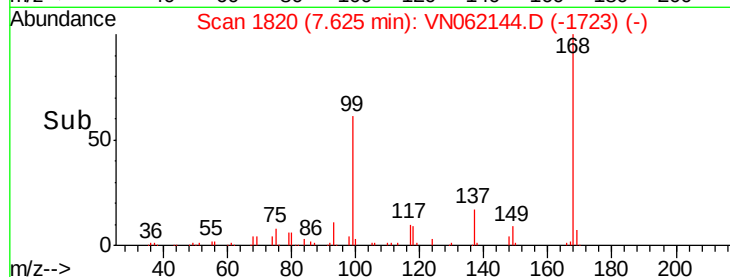
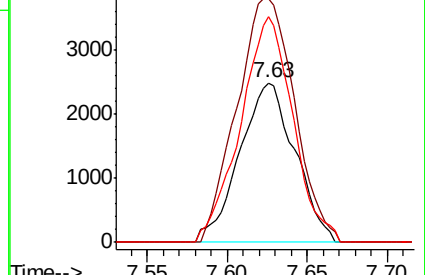
84 141.5 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062144.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062144.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062144.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.170 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062144.D

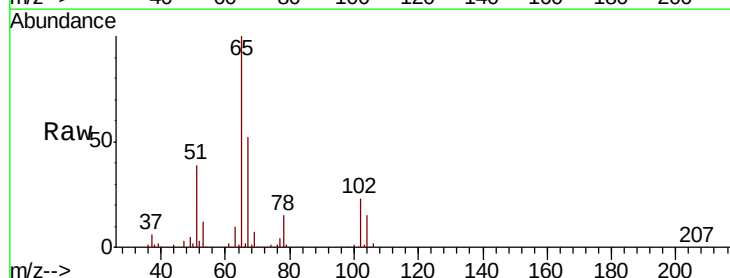
Acq: 26 Jun 2020 17:02

Tgt Ion: 65 Resp: 162468

Ion Ratio Lower Upper

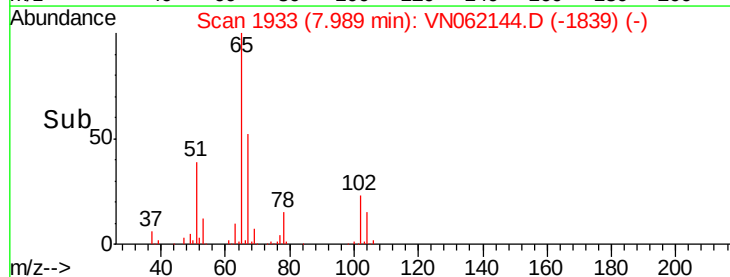
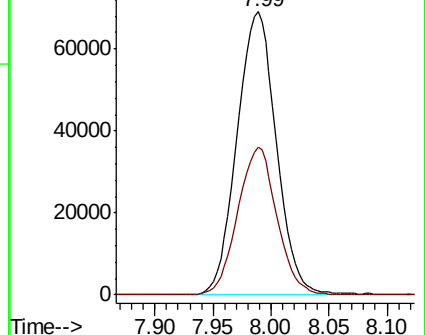
65 100

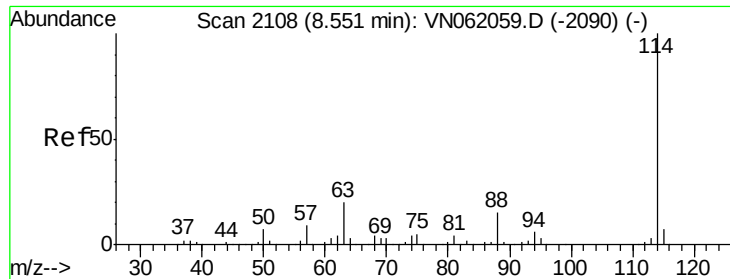
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062144.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062144.D (-1839) (-)

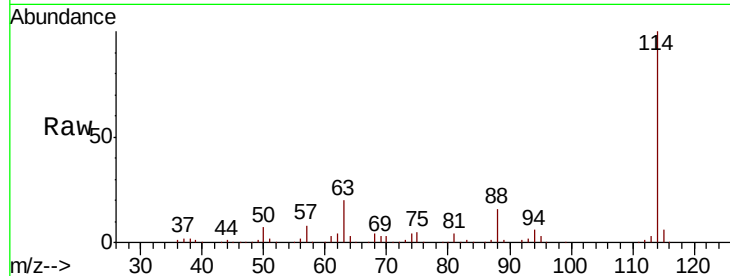




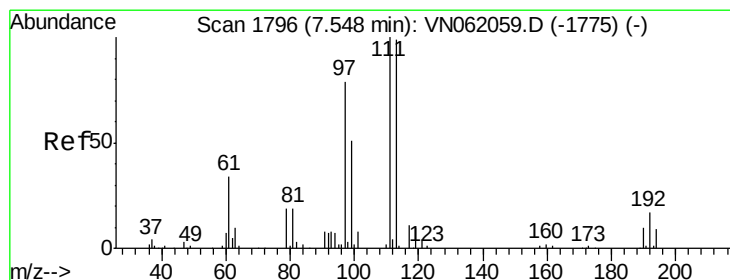
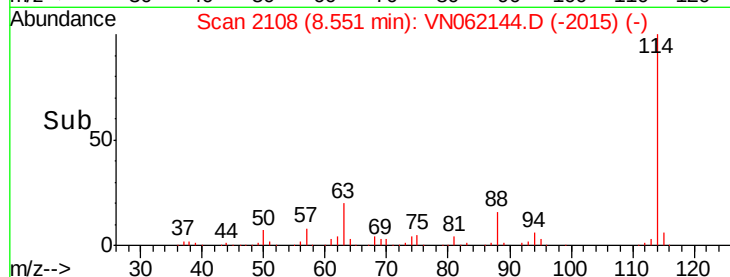
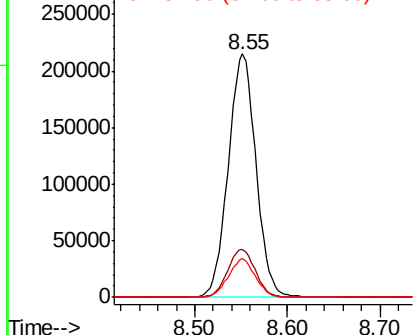
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.55 min Scan# 2108  
Delta R.T. 0.00 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
36BR-20200625

Tot Ion:114 Resp: 446314  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 39.2  
88 15.7 0.0 30.8

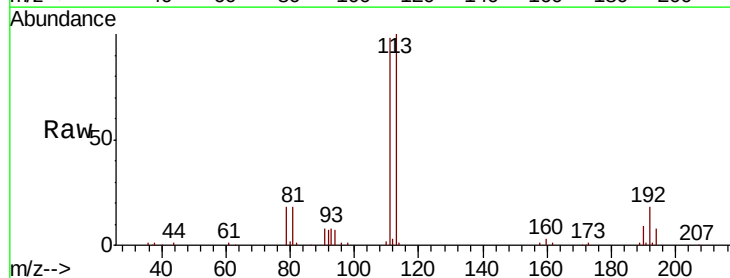


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): V  
Ion 87.90 (87.60 to 88.60): V

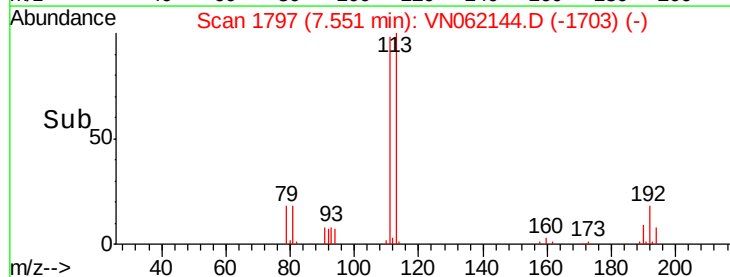
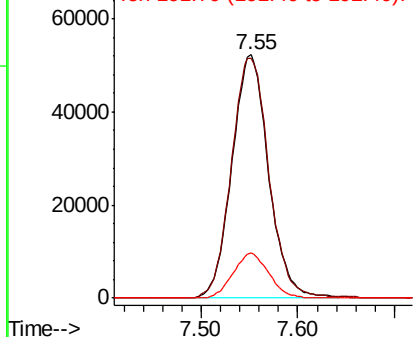


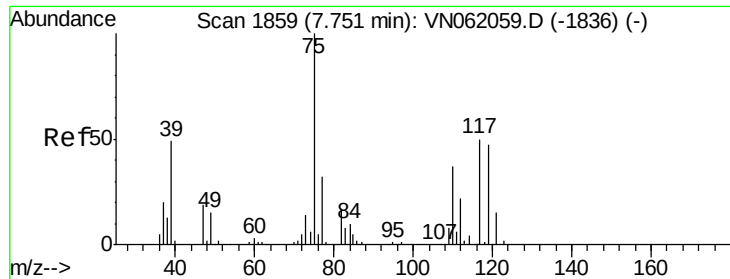
#35  
Dibromofluoromethane  
Concen: 47.946 ug/l  
RT: 7.55 min Scan# 1797  
Delta R.T. 0.00 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Tgt Ion:113 Resp: 137285  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.2 123.4  
192 18.0 14.0 21.0



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

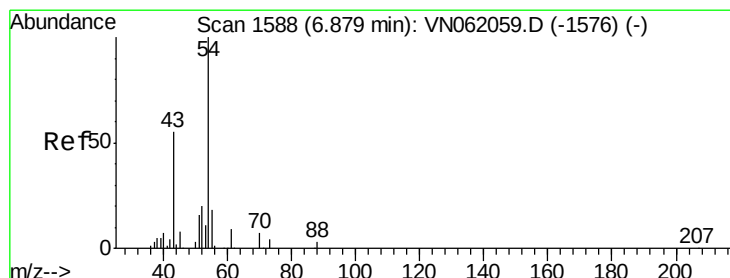
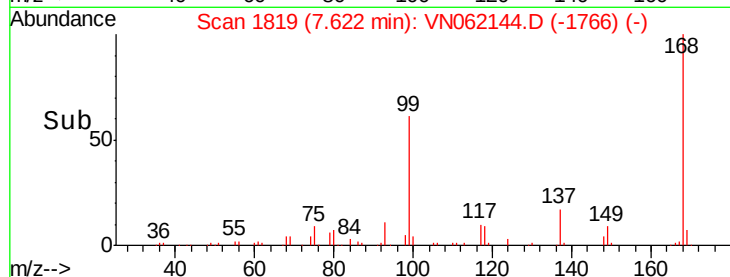
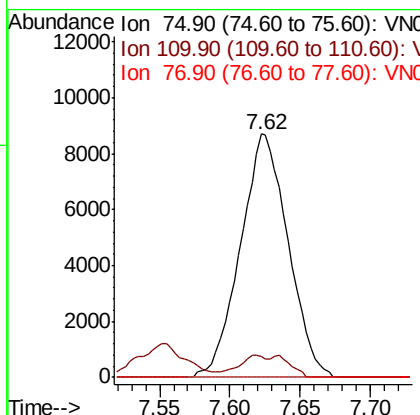
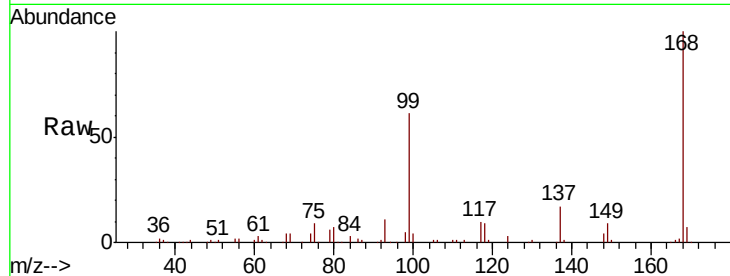




#36  
 1,1-Dichloropropene  
 Concen: 4.569 ug/l  
 RT: 7.62 min Scan# 1819  
 Delta R.T. -0.13 min  
 Lab File: VN062144.D  
 Acq: 26 Jun 2020 17:02

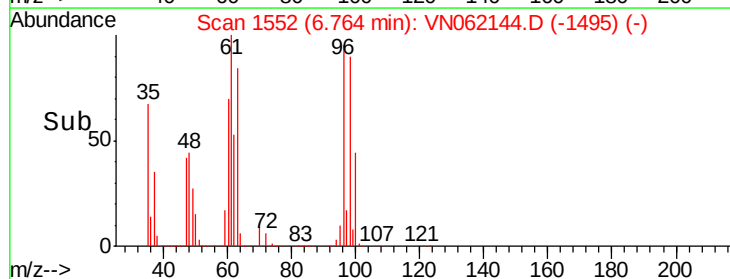
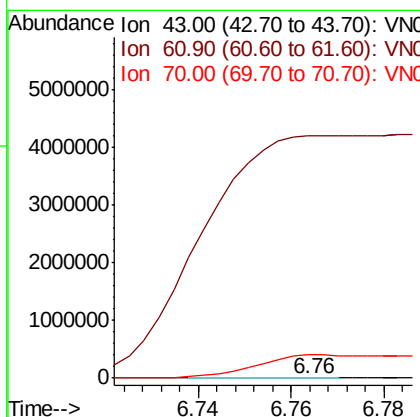
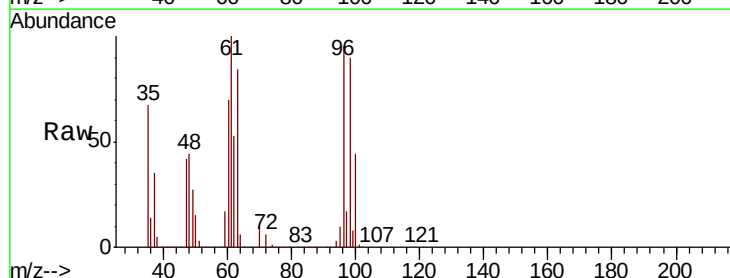
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 36BR-20200625

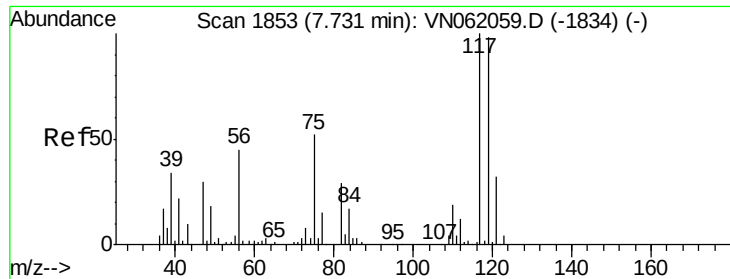
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 3.7   | 17.9  | 53.8# |
| 77      | 0.0   | 24.9  | 37.3# |



#37  
 Ethyl Acetate  
 Concen: 0.238 ug/l  
 RT: 6.76 min Scan# 1552  
 Delta R.T. -0.12 min  
 Lab File: VN062144.D  
 Acq: 26 Jun 2020 17:02

| Tgt Ion | Ratio    | Lower | Upper |
|---------|----------|-------|-------|
| 43      | 100      |       |       |
| 61      | 960805.5 | 12.0  | 18.0# |
| 70      | 74800.9  | 9.6   | 14.4# |





#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

36BR-20200625

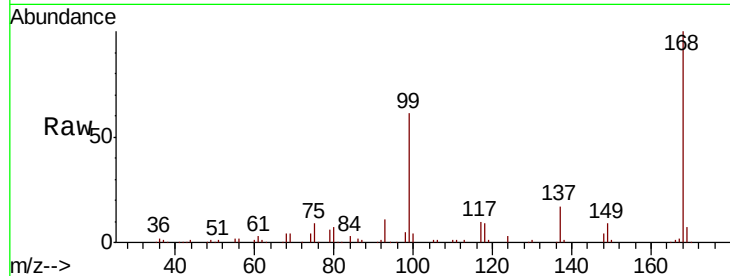
Tot Ion:117 Resp: 25033

Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.2#

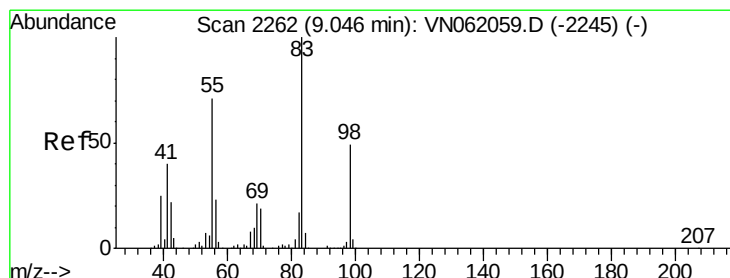
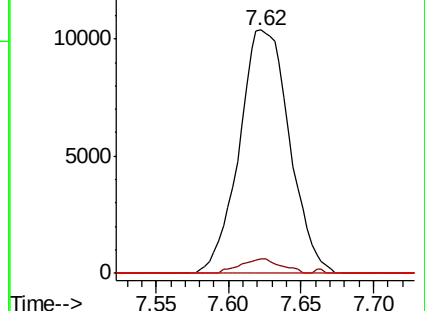
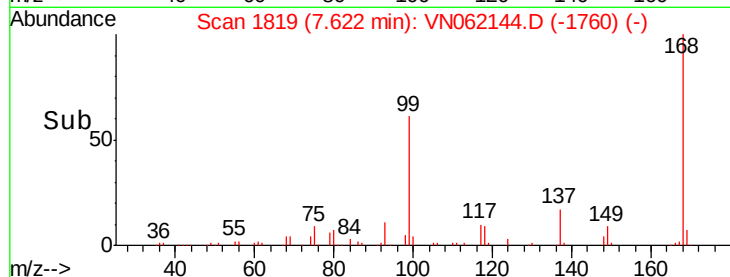
121 0.0 25.8 38.6#



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



#39

Methylcyclohexane

Concen: 96.014 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. -0.24 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

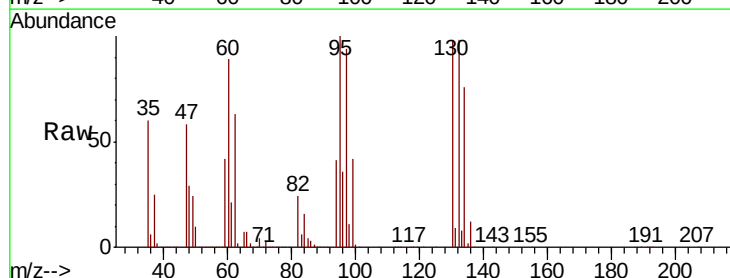
Tgt Ion: 83 Resp: 471944

Ion Ratio Lower Upper

83 100

55 1.9 57.0 85.6#

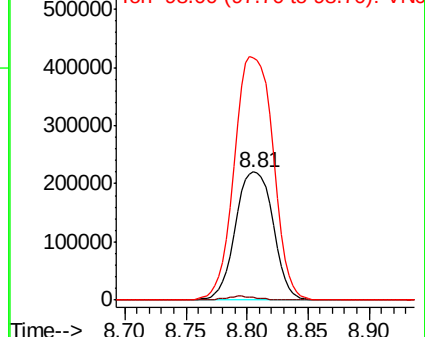
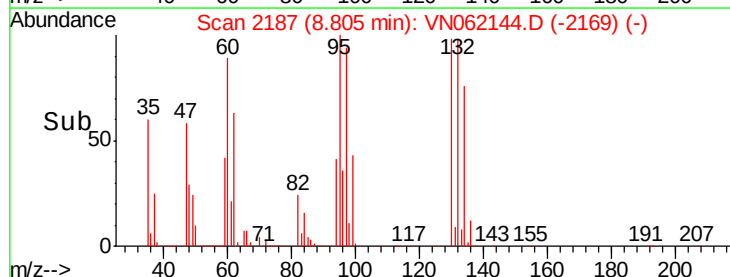
98 189.7 39.0 58.6#

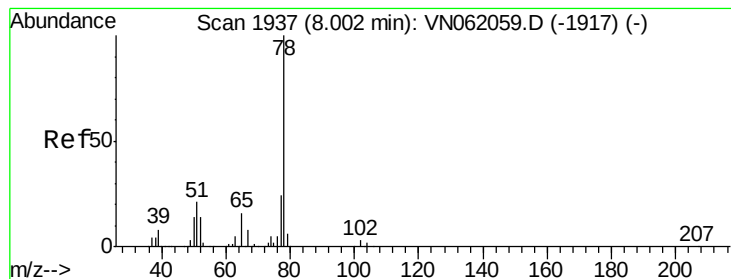


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 2.652 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

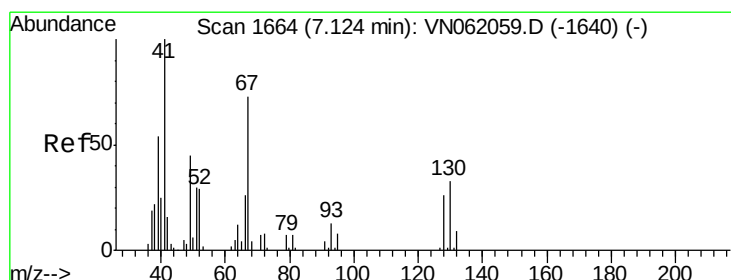
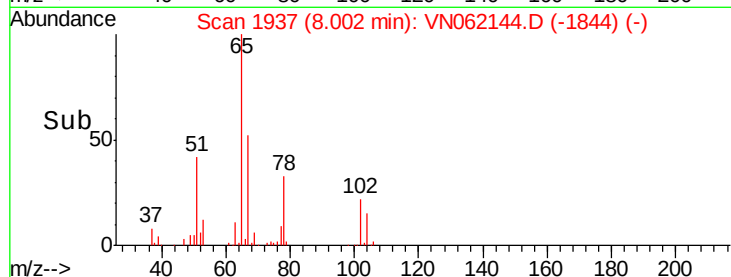
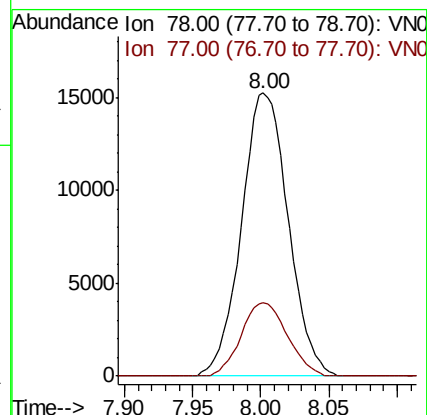
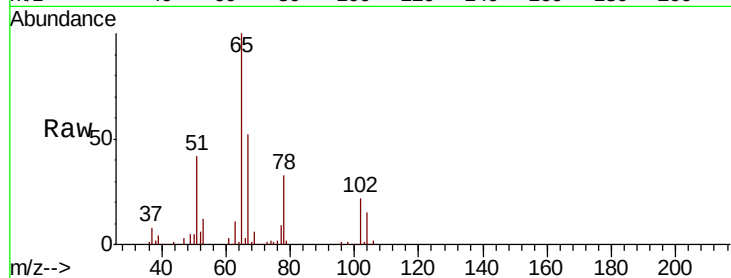
36BR-20200625

Tot Ion: 78 Resp: 36260

Ion Ratio Lower Upper

78 100

77 26.2 19.5 29.3



#41

Methacrylonitrile

Concen: 62.222 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.05 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Tgt Ion: 41 Resp: 107158

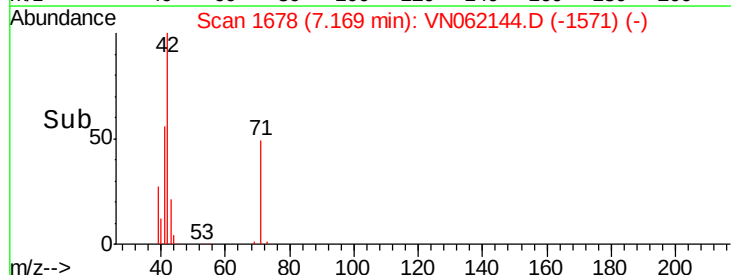
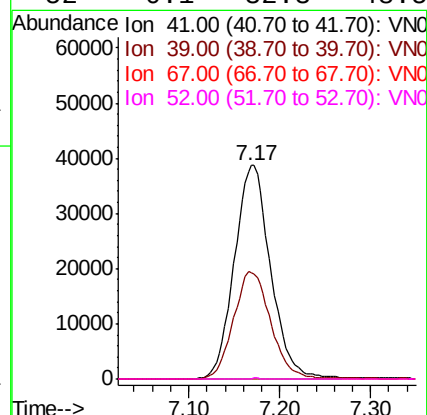
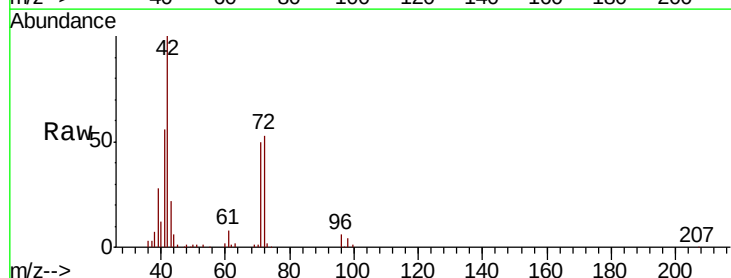
Ion Ratio Lower Upper

41 100

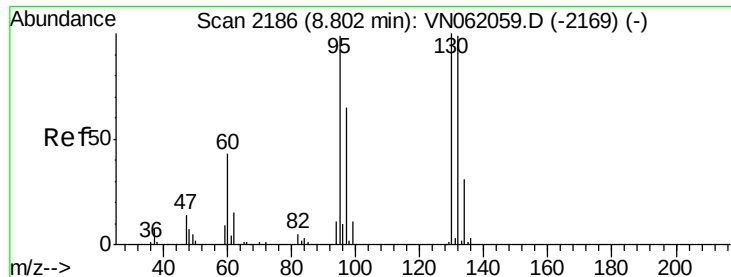
39 51.4 44.2 66.2

67 0.0 79.5 119.3#

52 0.1 32.3 48.5#







#44

Trichloroethene

Concen: 3523.542 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

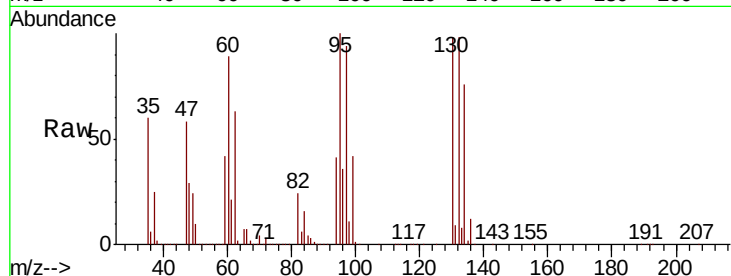
36BR-20200625

Tot Ion:130 Resp:12153363

Ion Ratio Lower Upper

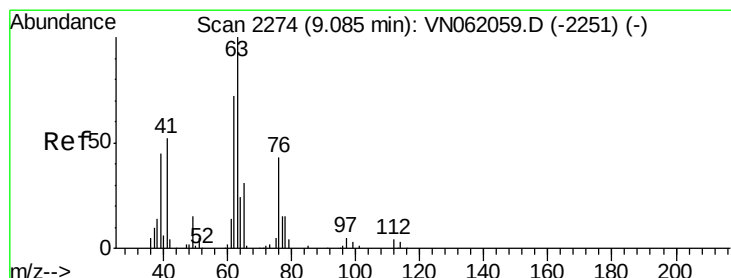
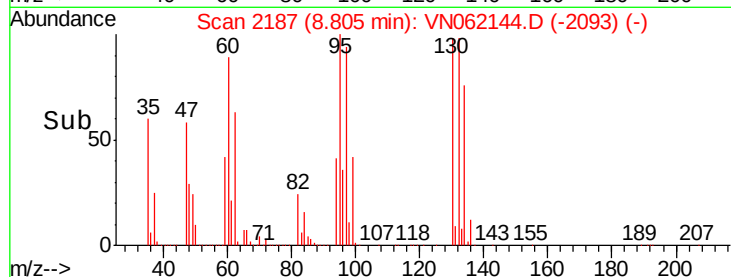
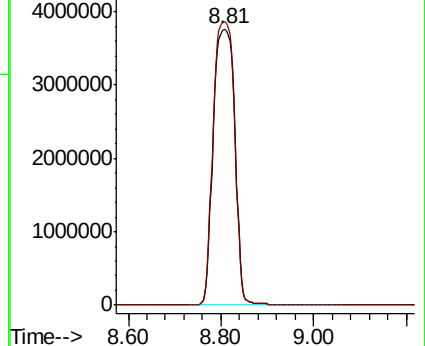
130 100

95 102.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 33.181 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. -0.28 min

Lab File: VN062144.D

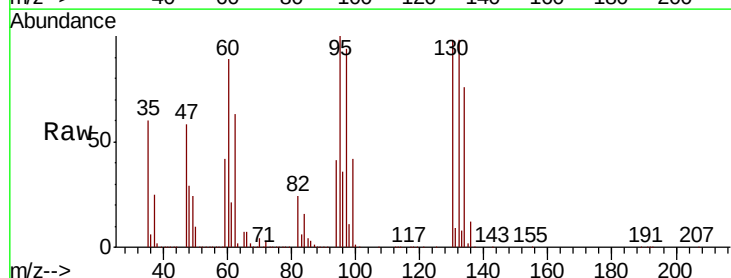
Acq: 26 Jun 2020 17:02

Tgt Ion: 63 Resp: 111929

Ion Ratio Lower Upper

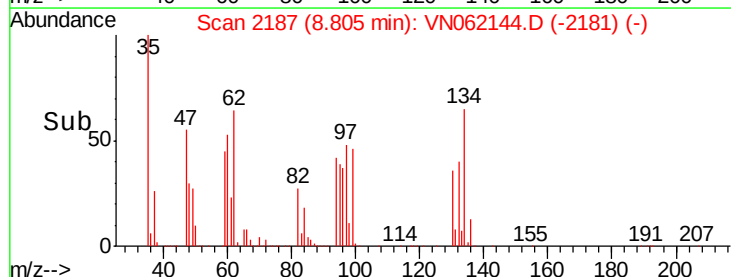
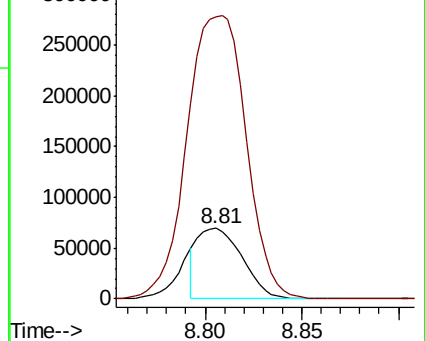
63 100

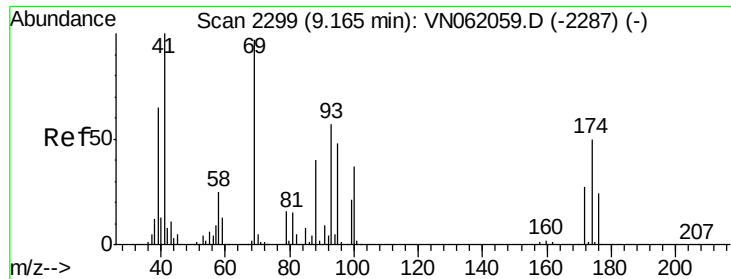
65 399.3 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

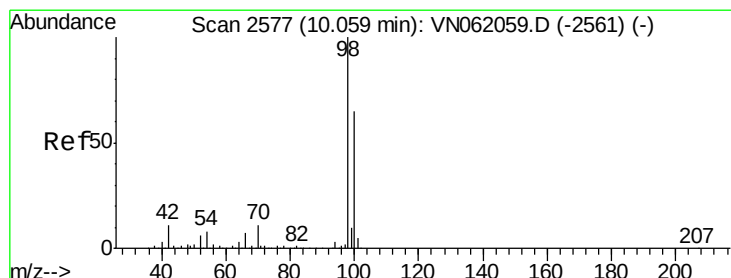
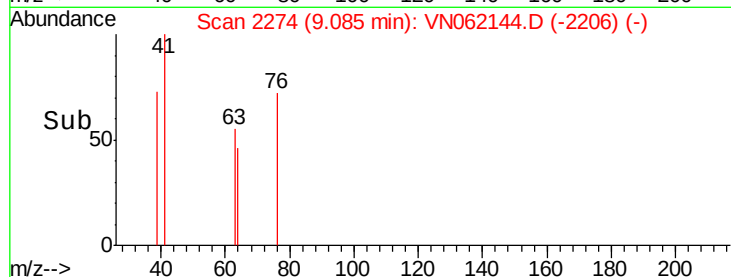
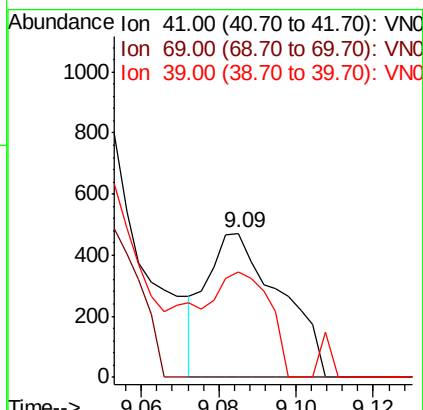
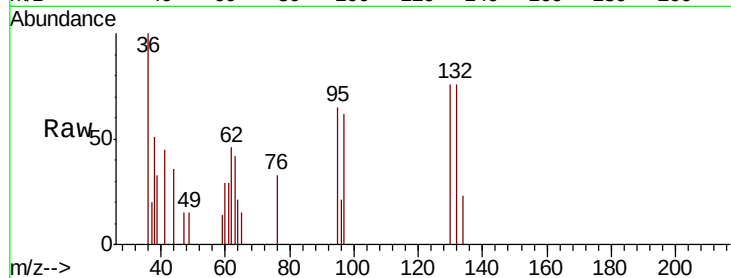




#48  
Methvl methacrylate  
Concen: 0.228 ug/l  
RT: 9.09 min Scan# 2274  
Delta R.T. -0.08 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

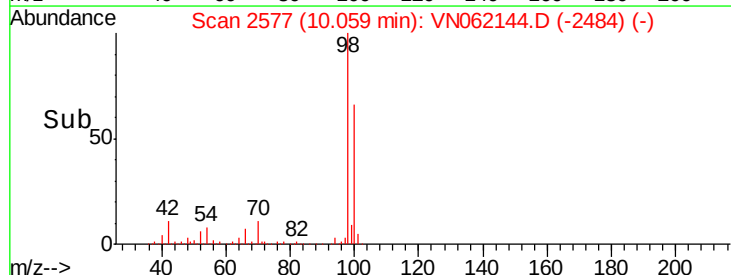
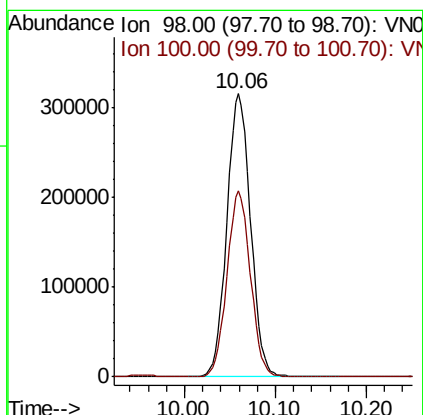
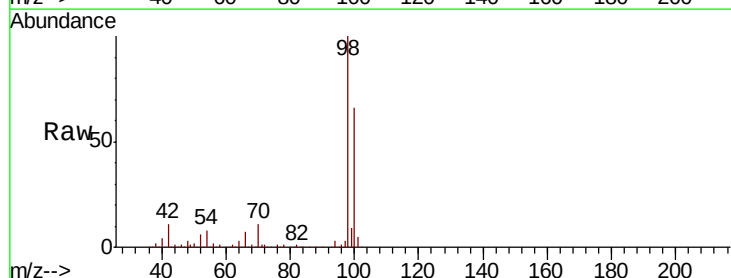
Instrument :  
MSVOA\_N  
ClientSampled :  
36BR-20200625

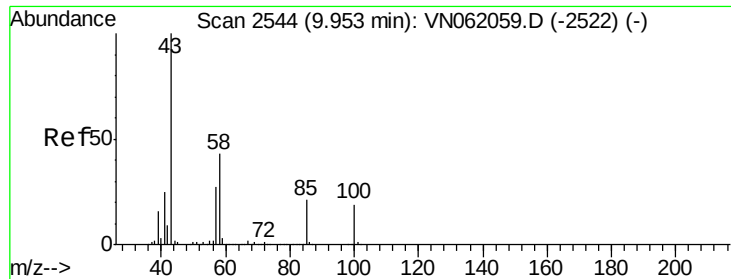
Tot Ion: 41 Resp: 619  
Ion Ratio Lower Upper  
41 100  
69 0.0 80.7 121.1#  
39 54.3 54.5 81.7#



#50  
Toluene-d8  
Concen: 49.811 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Tgt Ion: 98 Resp: 570123  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.2 76.8

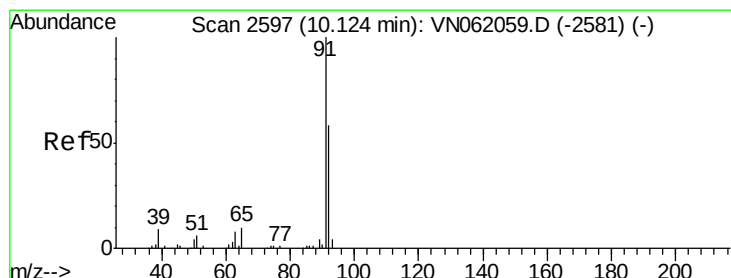
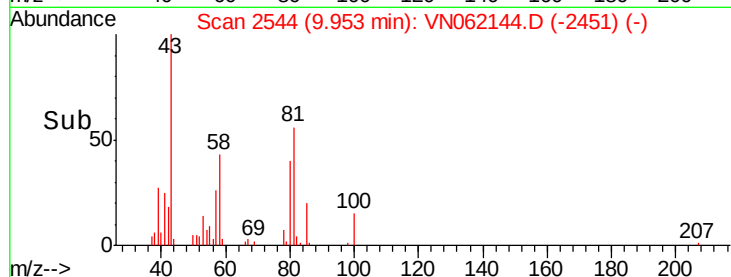
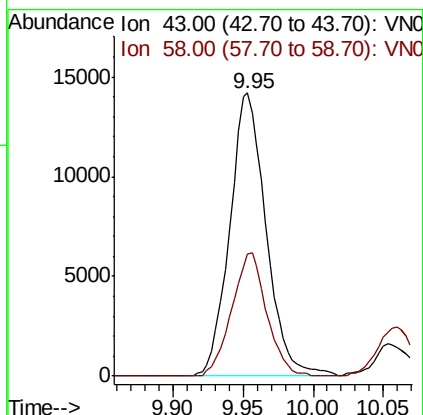
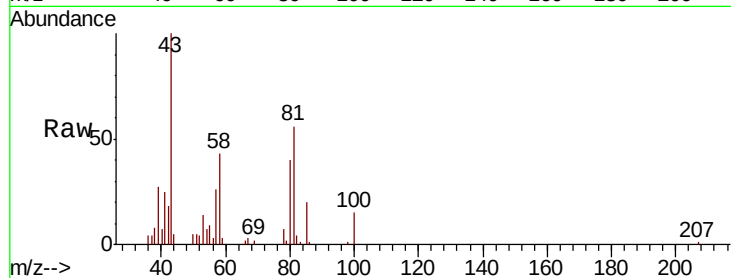




#51  
 4-Methyl-2-Pentanone  
 Concen: 7.242 ug/l  
 RT: 9.95 min Scan# 2544  
 Delta R.T. 0.00 min  
 Lab File: VN062144.D  
 Acq: 26 Jun 2020 17:02

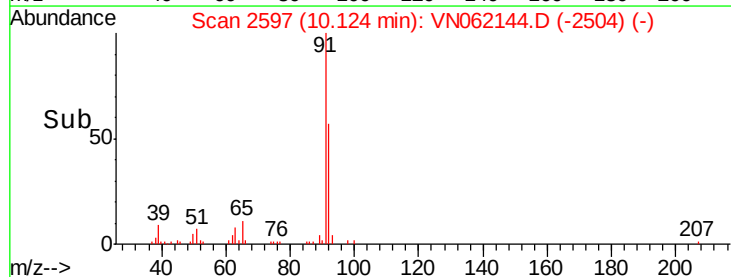
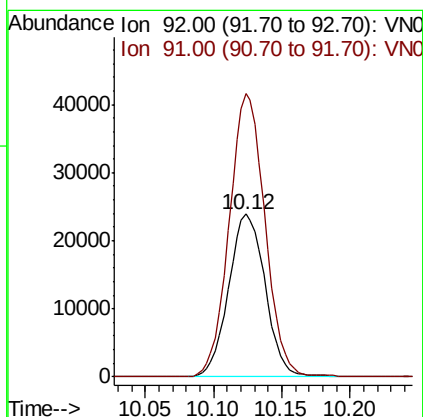
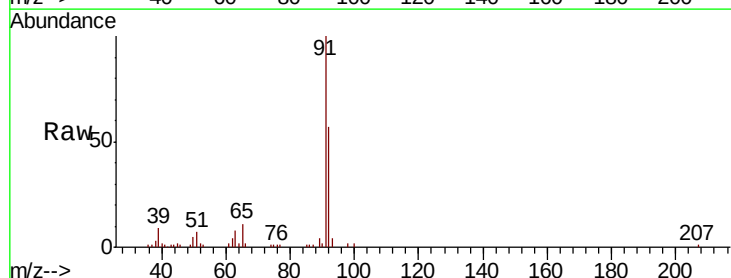
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 36BR-20200625

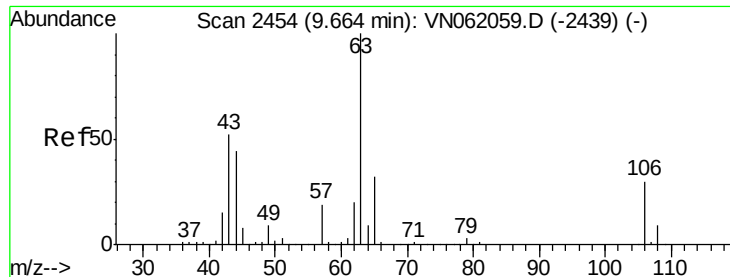
Tot Ion: 43 Resp: 25621  
 Ion Ratio Lower Upper  
 43 100  
 58 41.8 34.2 51.2



#52  
 Toluene  
 Concen: 5.342 ug/l  
 RT: 10.12 min Scan# 2597  
 Delta R.T. 0.00 min  
 Lab File: VN062144.D  
 Acq: 26 Jun 2020 17:02

Tgt Ion: 92 Resp: 44564  
 Ion Ratio Lower Upper  
 92 100  
 91 169.9 137.4 206.0

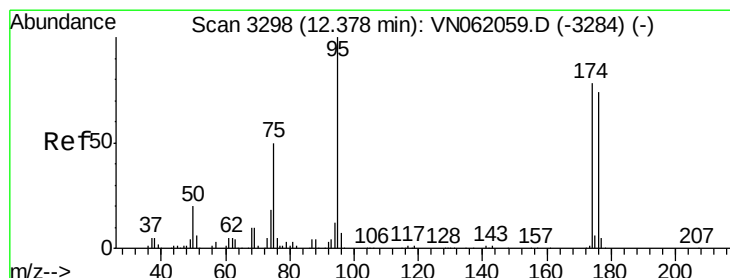
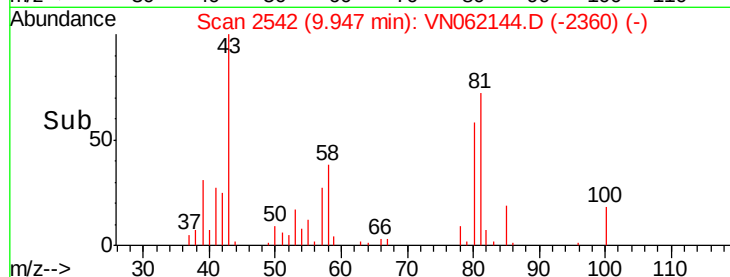
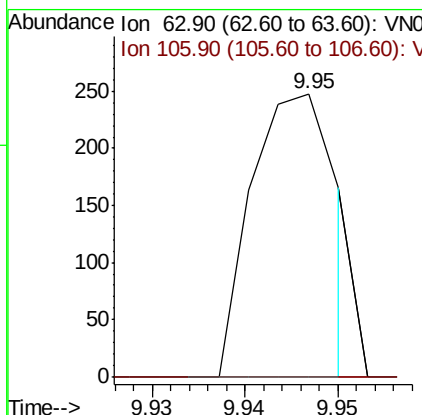
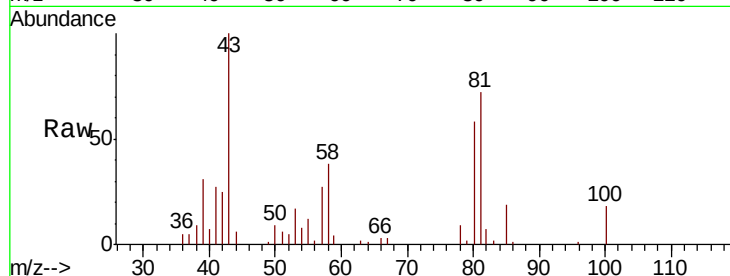




#58  
2-Chloroethyl Vinyl ether  
Concen: 16.181 ug/l  
RT: 9.95 min Scan# 2542  
Delta R.T. 0.28 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

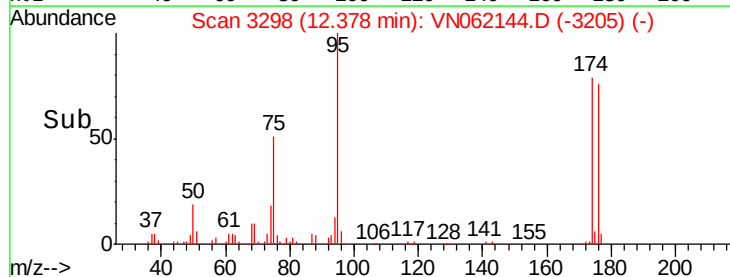
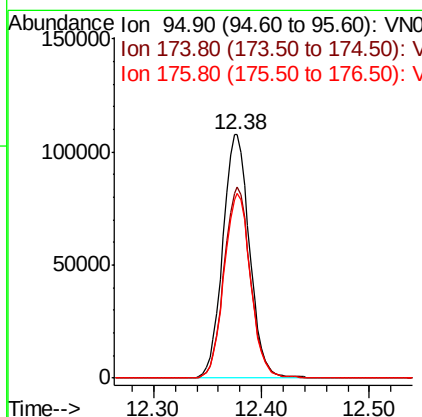
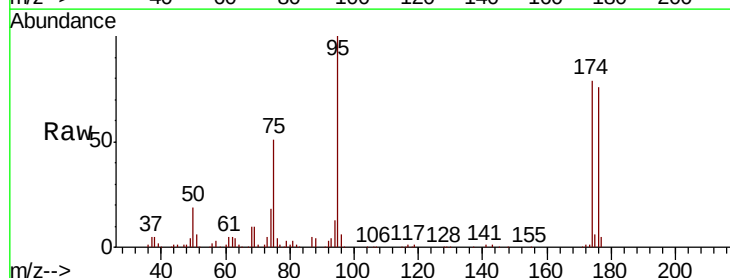
Instrument :  
MSVOA\_N  
ClientSampleId :  
36BR-20200625

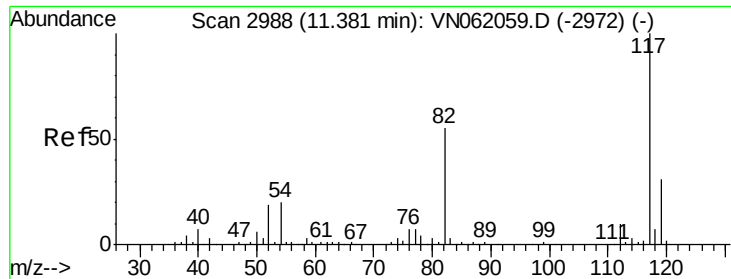
Tot Ion: 63 Resp: 157  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.2 34.8#



#62  
4-Bromofluorobenzene  
Concen: 48.109 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Tgt Ion: 95 Resp: 186039  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 154.8  
176 75.1 0.0 147.4

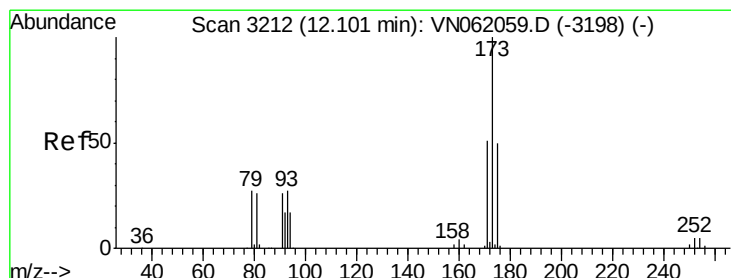
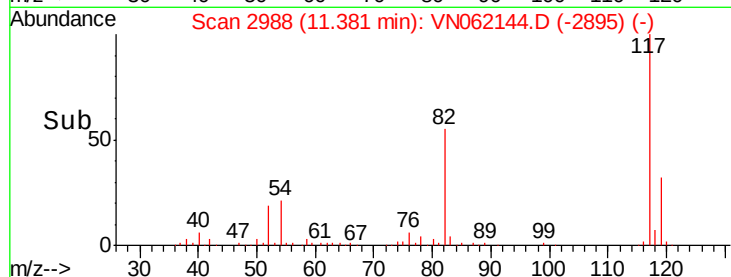
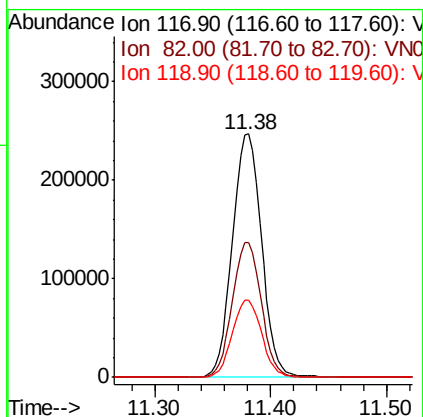
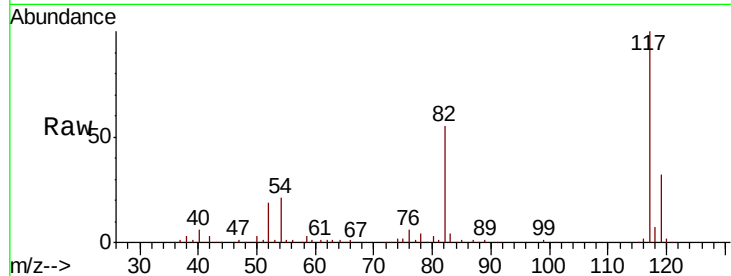




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

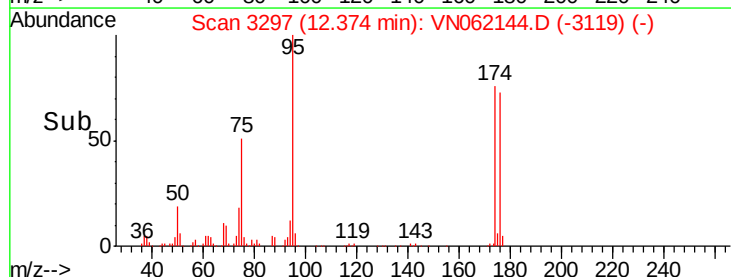
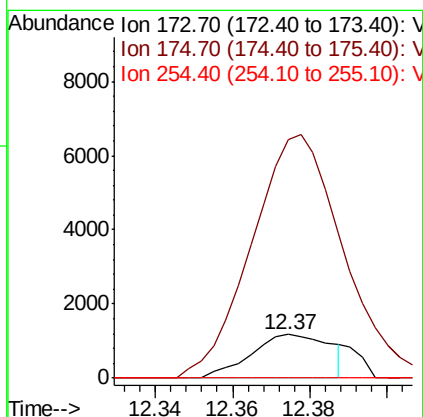
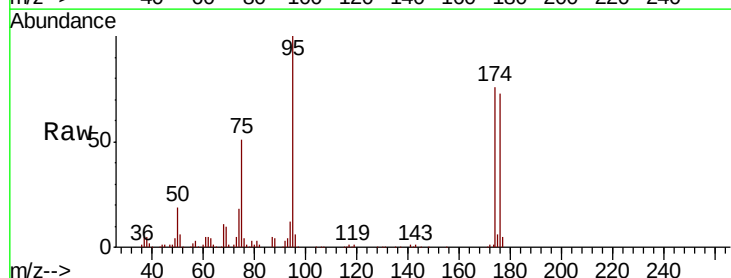
Instrument :  
MSVOA\_N  
ClientSampleId :  
36BR-20200625

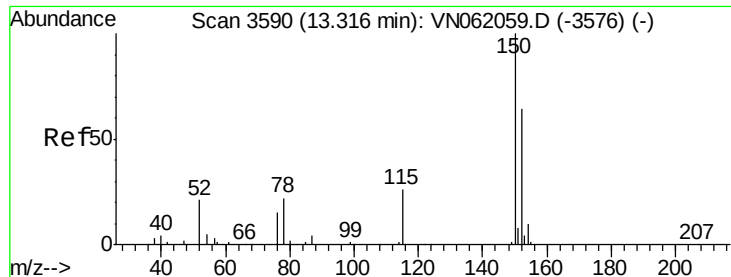
Tot Ion:117 Resp: 431697  
Ion Ratio Lower Upper  
117 100  
82 55.3 43.8 65.8  
119 31.5 25.2 37.8



#71  
Bromoform  
Concen: 0.721 ug/l  
RT: 12.37 min Scan# 3297  
Delta R.T. 0.27 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Tgt Ion:173 Resp: 1680  
Ion Ratio Lower Upper  
173 100  
175 548.7 24.7 74.1#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA\_N

ClientSampleId :

36BR-20200625

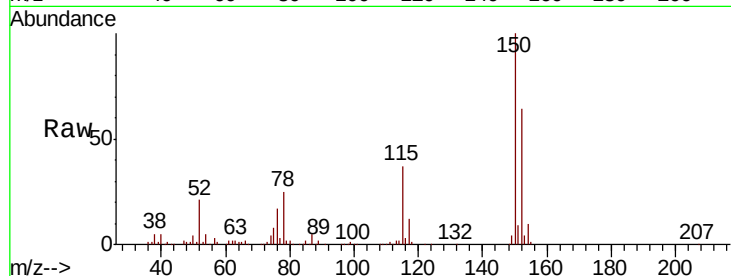
Tot Ion:152 Resp: 164923

Ion Ratio Lower Upper

152 100

115 58.6 29.5 88.5

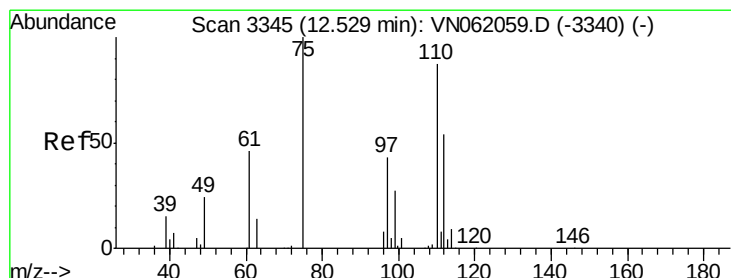
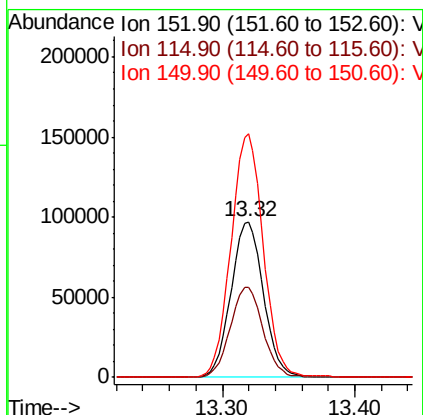
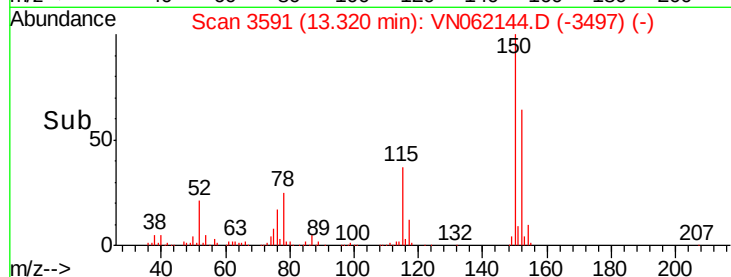
150 156.1 0.0 351.4



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: 24.084 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062144.D

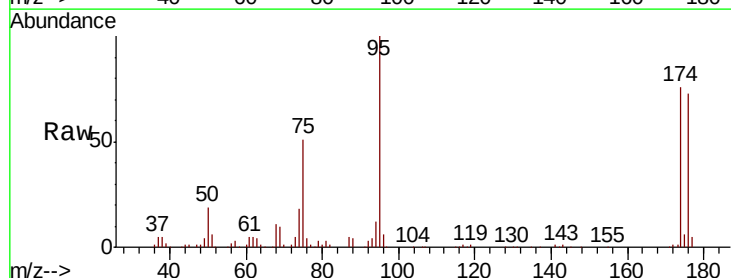
Acq: 26 Jun 2020 17:02

Tgt Ion: 75 Resp: 93506

Ion Ratio Lower Upper

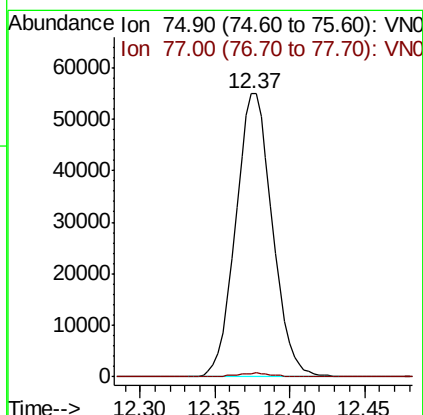
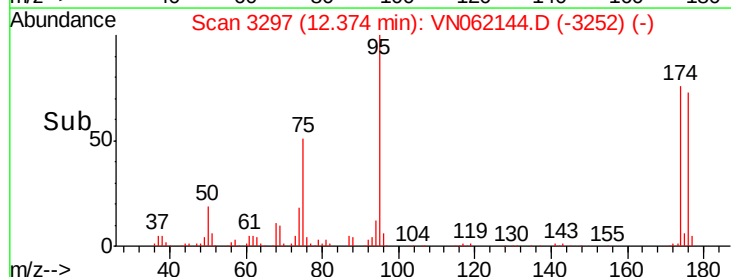
75 100

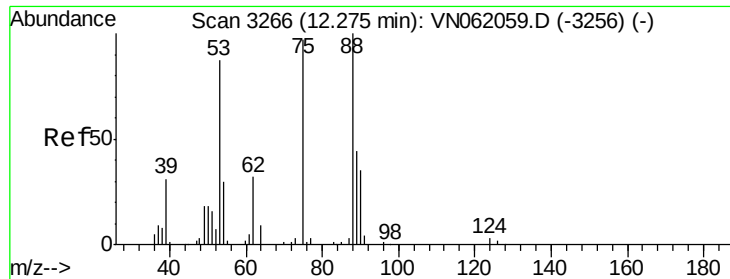
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

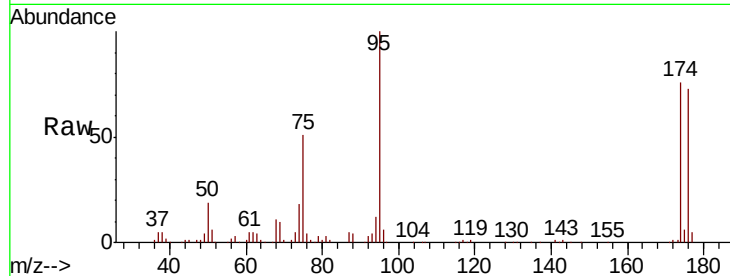




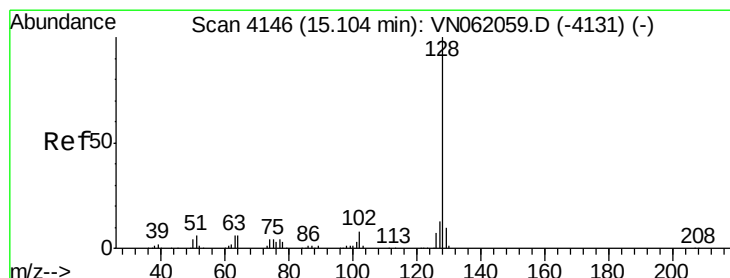
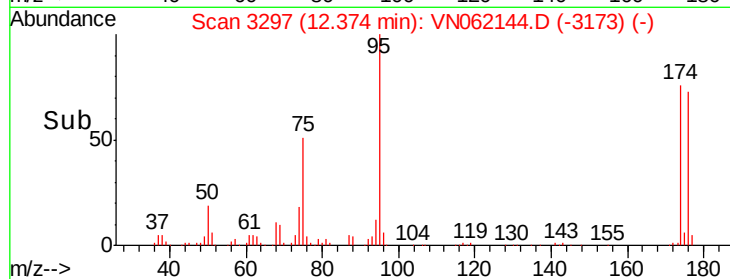
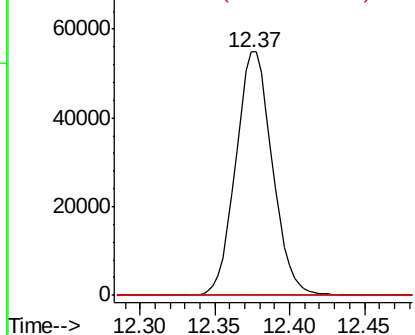
#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.336 ug/l  
RT: 12.37 min Scan# 3297  
Delta R.T. 0.10 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
36BR-20200625

Tot Ion: 75 Resp: 93506  
Ion Ratio Lower Upper  
75 100  
53 0.0 72.0 108.0#  
89 0.0 36.9 55.3#

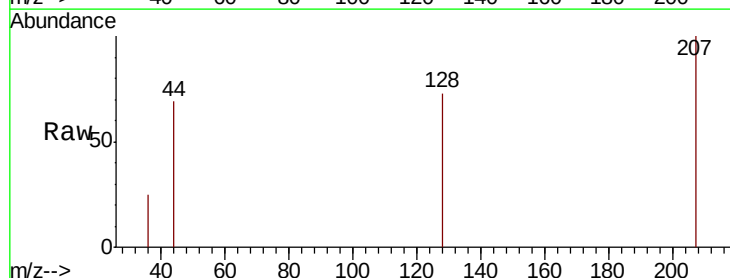


Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 53.00 (52.70 to 53.70): VN0  
Ion 88.90 (88.60 to 89.60): VN0



#95  
Naphthalene  
Concen: 4.089 ug/l  
RT: 15.11 min Scan# 4148  
Delta R.T. 0.01 min  
Lab File: VN062144.D  
Acq: 26 Jun 2020 17:02

Tgt Ion: 128 Resp: 807  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.5 15.7#  
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

