

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\  
 Data File : VN061585.D  
 Acq On : 1 Jun 2020 11:14  
 Operator : JC/MD  
 Sample : VN0601WBL01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0601WBL01

Quant Time: Jun 02 03:51:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 299958   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.54  | 114  | 511315   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 480129   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 202922   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65  | 173483   | 48.54 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.08%  |      |
| 35) Dibromofluoromethane  | 7.54   | 113 | 141185   | 54.43 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.86% |      |
| 50) Toluene-d8            | 10.06  | 98  | 608430   | 50.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.24% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 211916   | 48.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.64%  |      |

## Target Compounds

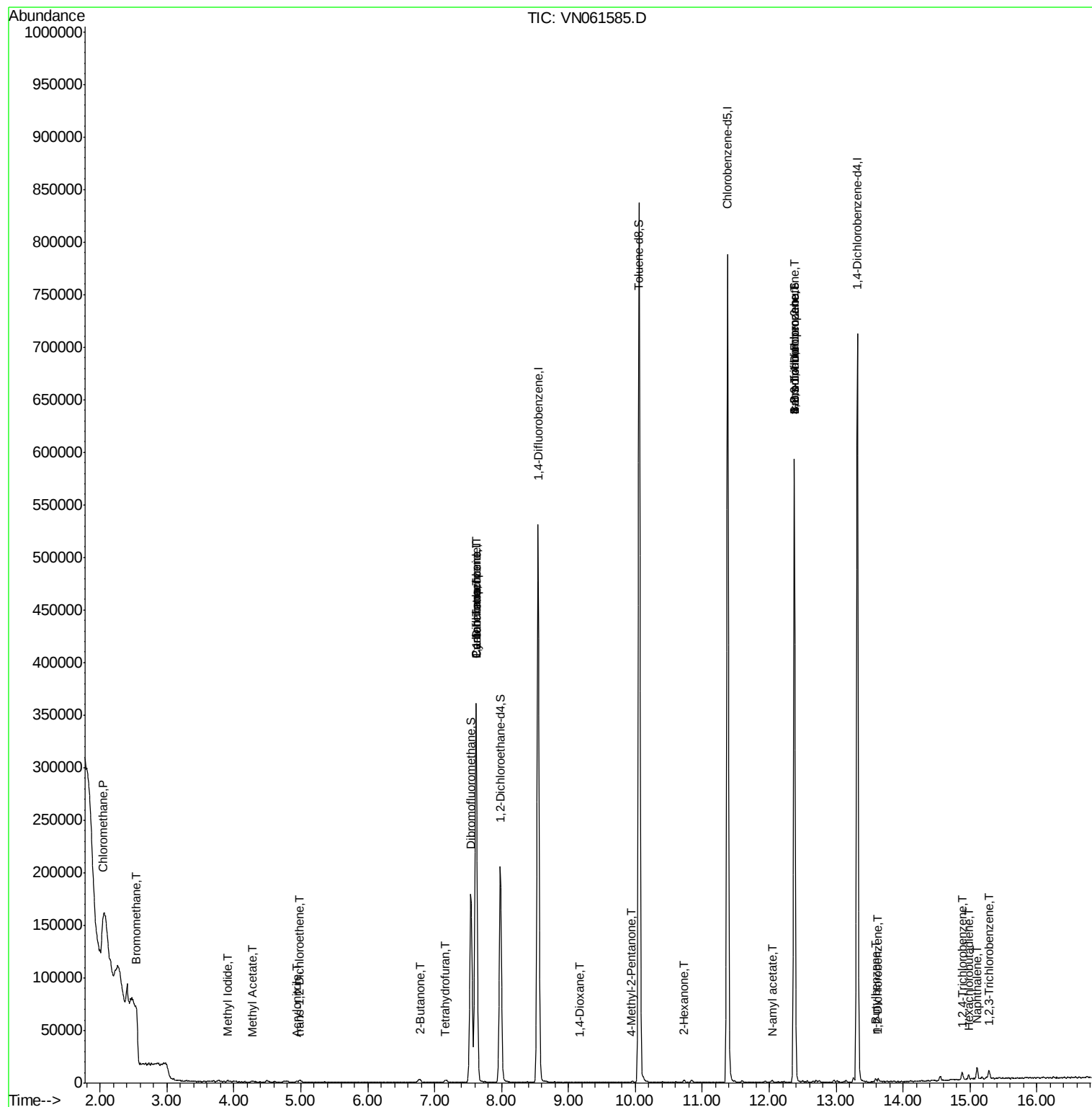
|                                |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 3) Chloromethane               | 2.04  | 50  | 1952   | 0.534     | ug/l   | 97     |
| 5) Bromomethane                | 2.55  | 94  | 1439   | 0.500     | ug/l # | 65     |
| 10) Methyl Iodide              | 3.91  | 142 | 2740   | 0.688     | ug/l # | 82     |
| 15) Acrylonitrile              | 4.92  | 53  | 732    | 0.552     | ug/l # | 37     |
| 16) Acetone                    | 3.78  | 43  | 1651   | Below Cal |        | 92     |
| 18) Methyl Acetate             | 4.28  | 43  | 1593   | 0.492     | ug/l # | 63     |
| 20) Methylene Chloride         | 4.50  | 84  | 578    | Below Cal | #      | 72     |
| 21) trans-1,2-Dichloroethene   | 4.98  | 96  | 716    | 0.207     | ug/l # | 65     |
| 25) 2-Butanone                 | 6.78  | 43  | 446    | 0.263     | ug/l # | 42     |
| 29) Tetrahydrofuran            | 7.16  | 42  | 915    | 0.819     | ug/l # | 77     |
| 31) Cyclohexane                | 7.62  | 56  | 5836   | 1.159     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 21282  | 4.702     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.62  | 117 | 30154  | 6.906     | ug/l # | 17     |
| 49) 1,4-Dioxane                | 9.17  | 88  | 344    | 7.525     | ug/l # | 34     |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43  | 1104   | 0.299     | ug/l # | 76     |
| 59) 2-Hexanone                 | 10.72 | 43  | 1746   | 0.658     | ug/l   | 94     |
| 71) Bromoform                  | 12.38 | 173 | 1765   | 0.616     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.04 | 43  | 1122   | 0.241     | ug/l # | 69     |
| 76) 1,2,3-Trichloropropane     | 12.37 | 75  | 104246 | 28.252    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.37 | 75  | 104246 | 72.247    | ug/l # | 15     |
| 89) n-Butylbenzene             | 13.59 | 91  | 2372   | 0.218     | ug/l   | 93     |
| 91) 1,2-Dichlorobenzene        | 13.62 | 146 | 1594   | 0.249     | ug/l   | 84     |
| 93) 1,2,4-Trichlorobenzene     | 14.88 | 180 | 2625   | 0.702     | ug/l   | 88     |
| 94) Hexachlorobutadiene        | 14.98 | 225 | 951    | 0.596     | ug/l   | 87     |
| 95) Naphthalene                | 15.11 | 128 | 10872  | 0.955     | ug/l   | 98     |
| 96) 1,2,3-Trichlorobenzene     | 15.28 | 180 | 3182   | 0.865     | ug/l   | 98     |

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

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Operator : JC/MD  
Sample : VN0601WBL01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0601WBL01

Quant Time: Jun 02 03:51:15 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampleId :

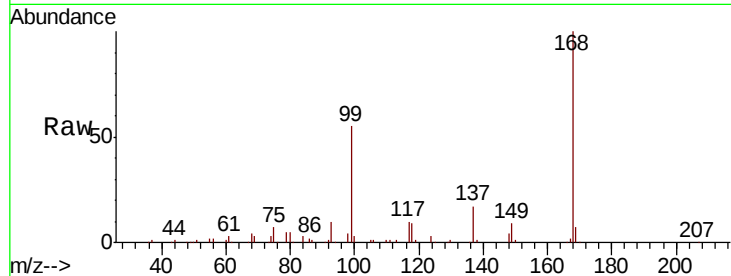
VN0601WBL01

Tot Ion:168 Resp: 299958

Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

100000

50000

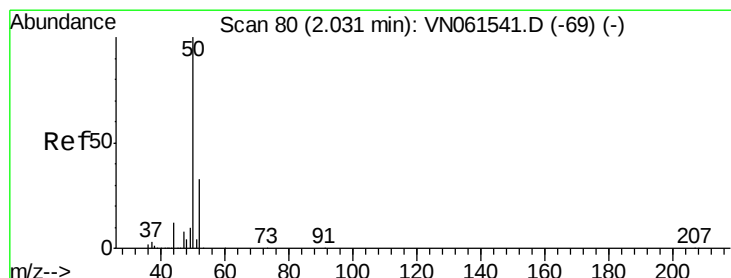
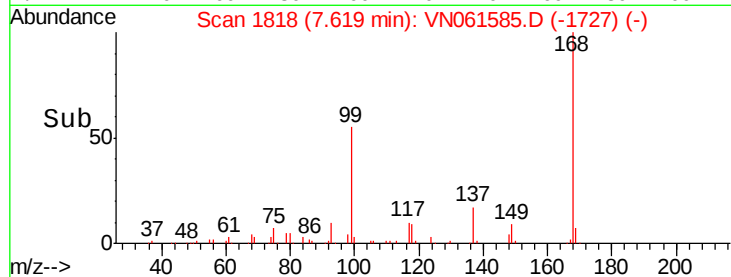
0

Time-->

7.50

7.60

7.70



#3

Chloromethane

Concen: 0.534 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061585.D

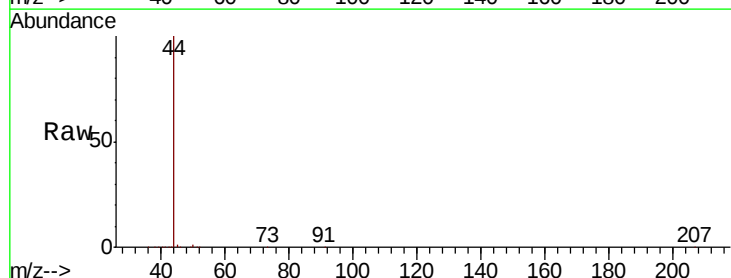
Acq: 1 Jun 2020 11:14

Tgt Ion: 50 Resp: 1952

Ion Ratio Lower Upper

50 100

52 35.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

1500

1000

500

0

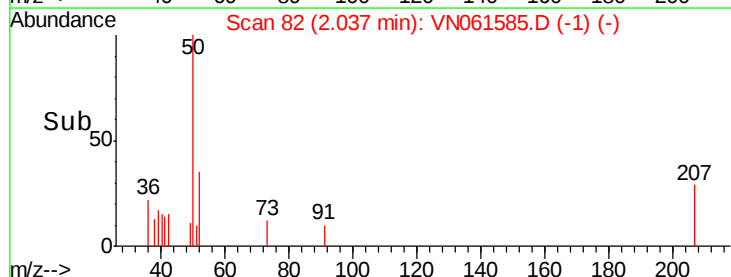
Time-->

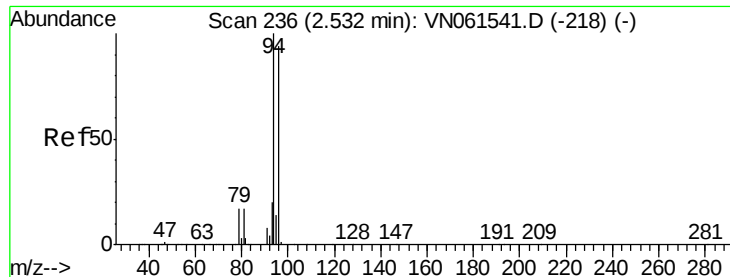
2.00

2.02

2.04

2.06





#5

Bromomethane

Concen: 0.500 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampled :

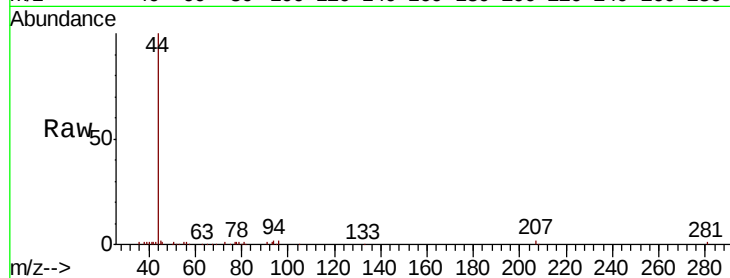
VN0601WBL01

Tot Ion: 94 Resp: 1439

Ion Ratio Lower Upper

94 100

96 59.8 74.8 112.2#

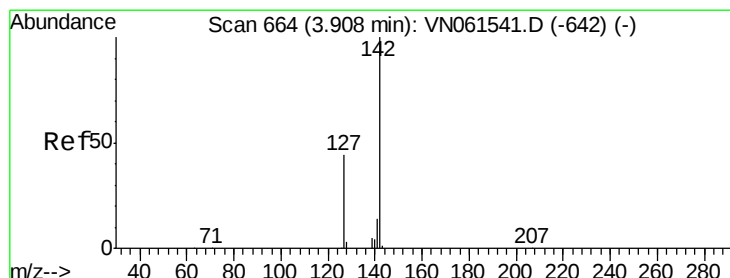
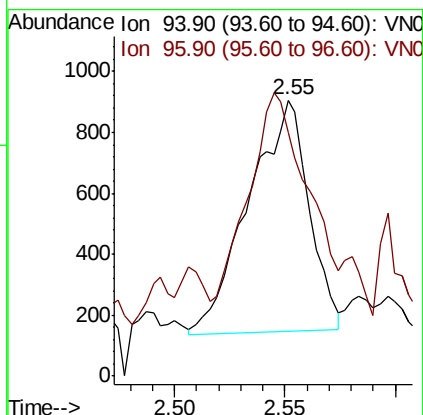
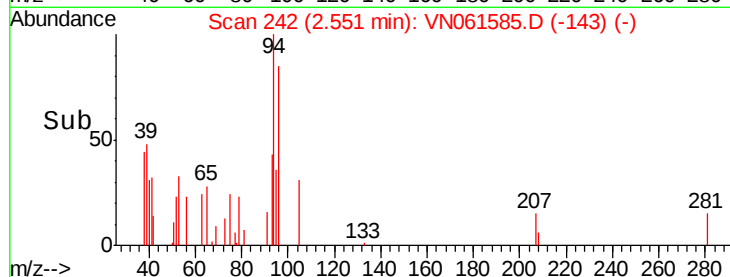


Abundance Ion 93.90 (93.60 to 94.60): VN061541.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061541.D (-218) (-)

2.55

Time-->



#10

Methyl Iodide

Concen: 0.688 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

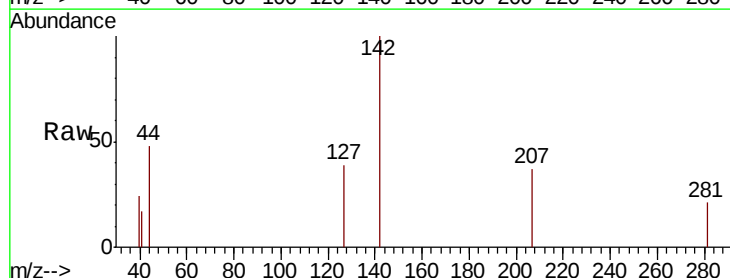
Tgt Ion: 142 Resp: 2740

Ion Ratio Lower Upper

142 100

127 36.6 35.5 53.3

141 0.0 11.5 17.3#



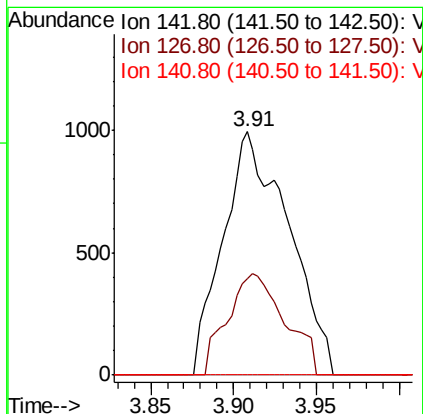
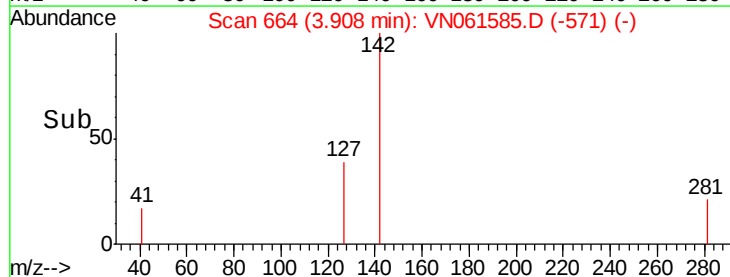
Abundance Ion 141.80 (141.50 to 142.50): VN061541.D (-642) (-)

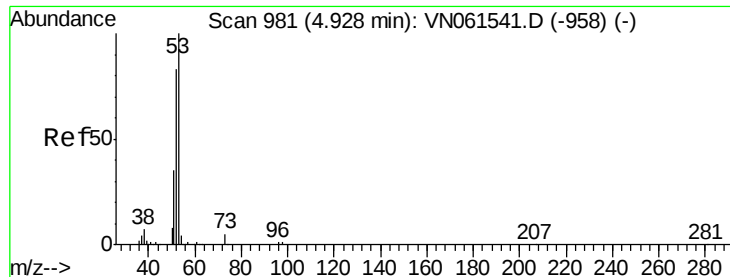
Ion 126.80 (126.50 to 127.50): VN061541.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN061541.D (-642) (-)

3.91

Time-->





#15

Acrylonitrile

Concen: 0.552 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampled :

VN0601WBL01

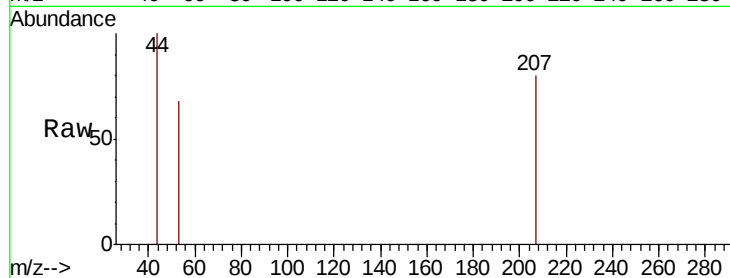
Tot Ion: 53 Resp: 732

Ion Ratio Lower Upper

53 100

52 25.5 65.4 98.2#

51 0.0 29.0 43.6#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

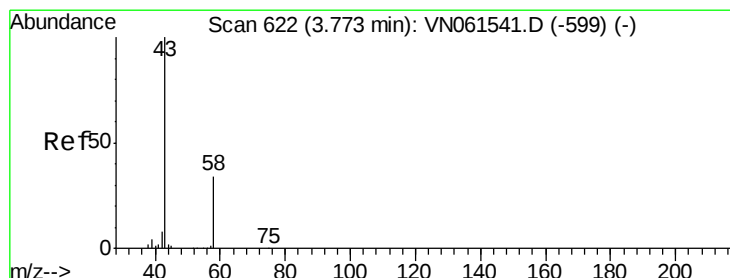
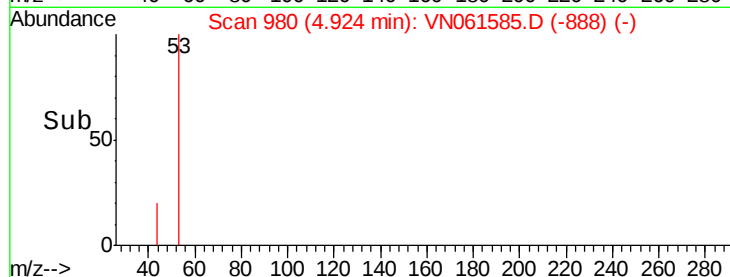
4.92

4.94

4.96

4.98

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061585.D

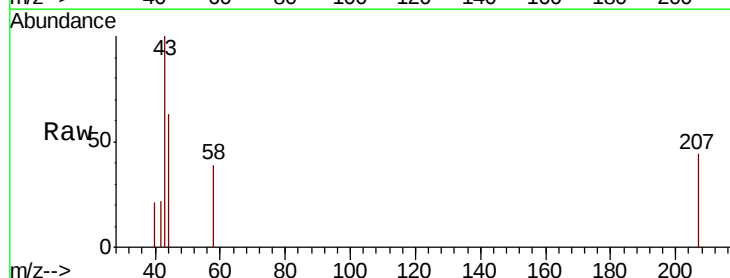
Acq: 1 Jun 2020 11:14

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

43 100

58 38.6 27.2 40.8



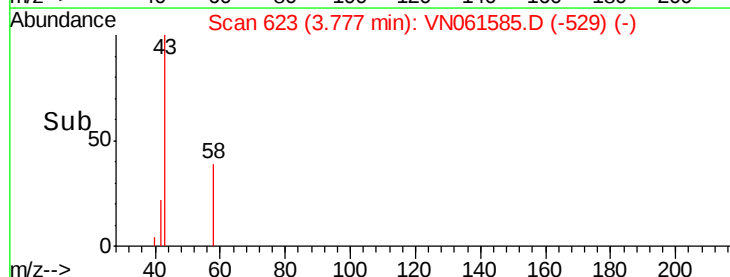
Abundance Ion 43.00 (42.70 to 43.70): VN0

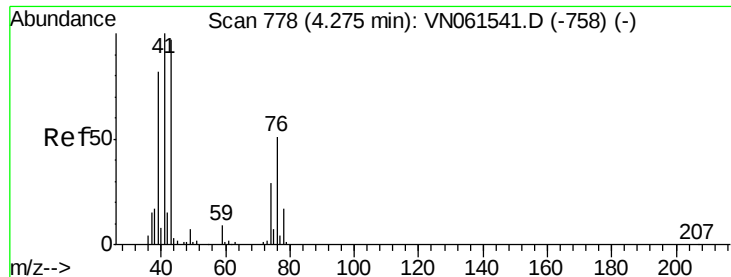
Ion 58.00 (57.70 to 58.70): VN0

3.78

3.80

Time-->

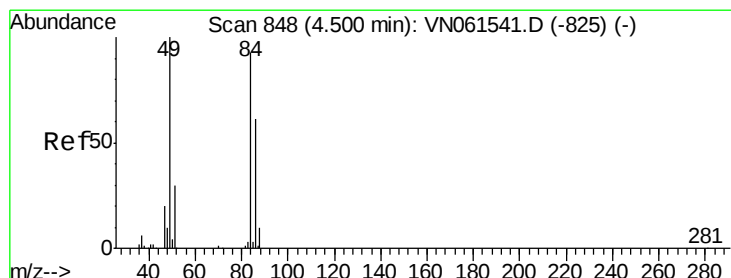
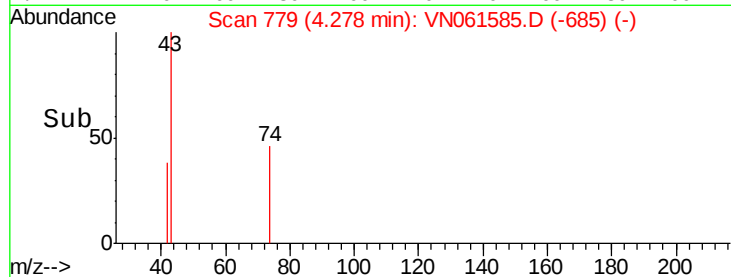
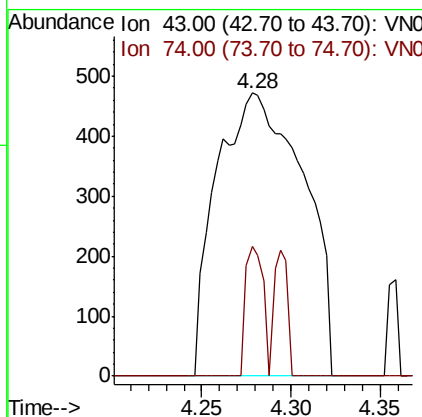
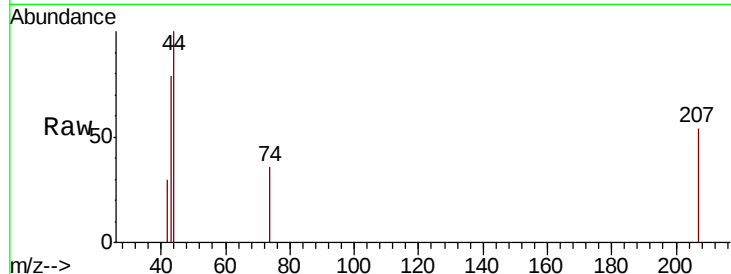




#18  
Methyl Acetate  
Concen: 0.492 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

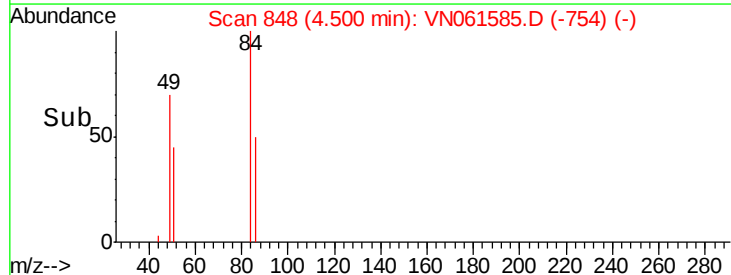
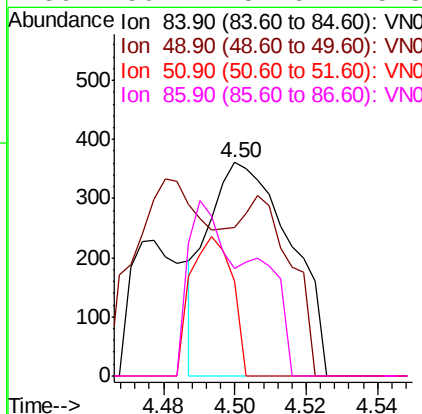
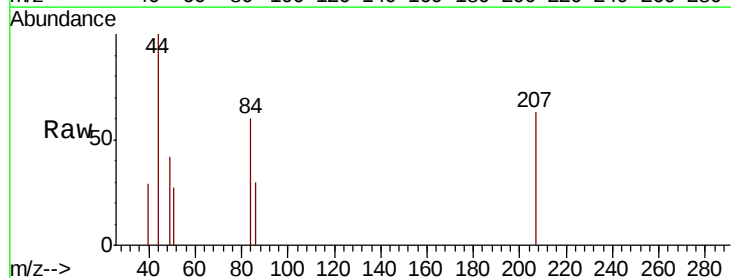
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0601WBL01

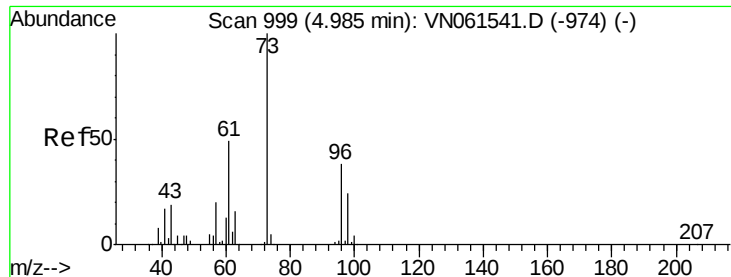
Tot Ion: 43 Resp: 1593  
Ion Ratio Lower Upper  
43 100  
74 9.2 23.2 34.8#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.50 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Tgt Ion: 84 Resp: 578  
Ion Ratio Lower Upper  
84 100  
49 69.5 85.8 128.8#  
51 44.6 26.2 39.2#  
86 50.4 52.6 78.8#





#21

trans-1,2-Dichloroethene

Concen: 0.207 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0601WBL01

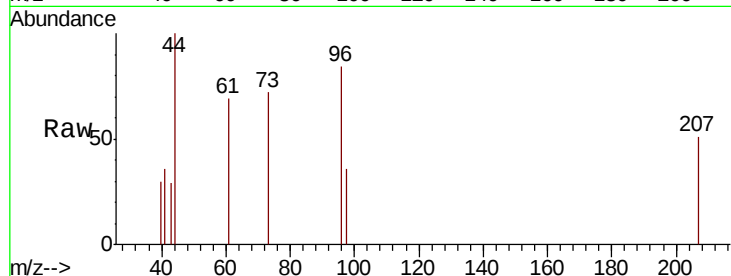
Tot Ion: 96 Resp: 716

Ion Ratio Lower Upper

96 100

61 82.2 101.4 152.0#

98 43.0 50.6 76.0#

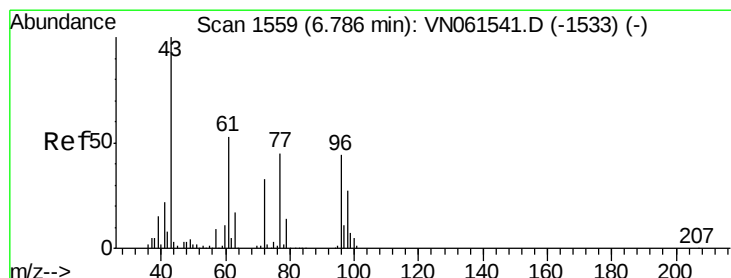
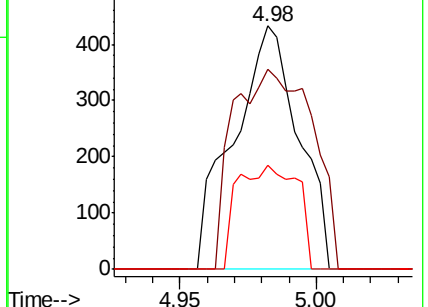
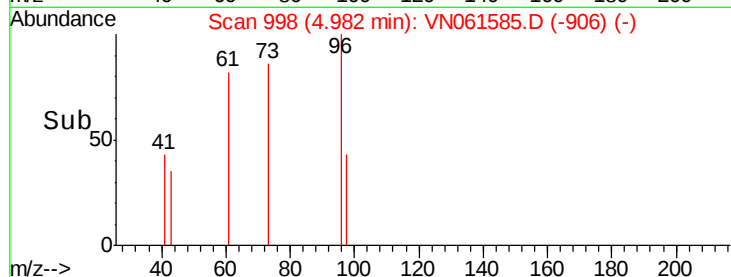


Abundance Ion 95.90 (95.60 to 96.60): VN061541.D (-974) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-974) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-974) (-)

Time-->



#25

2-Butanone

Concen: 0.263 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061585.D

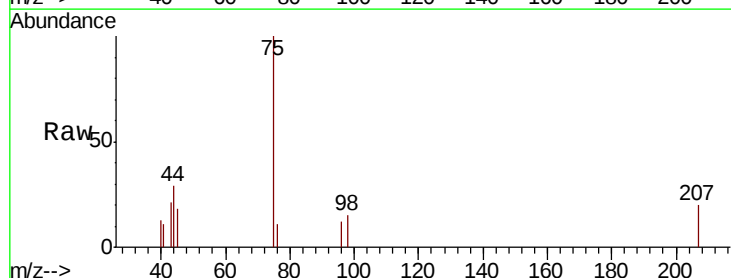
Acq: 1 Jun 2020 11:14

Tgt Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

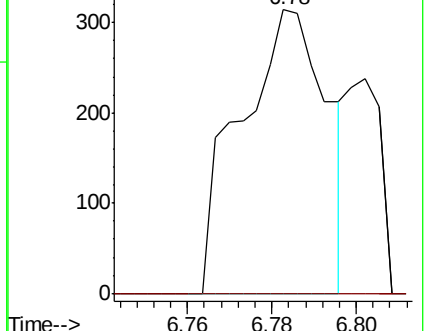
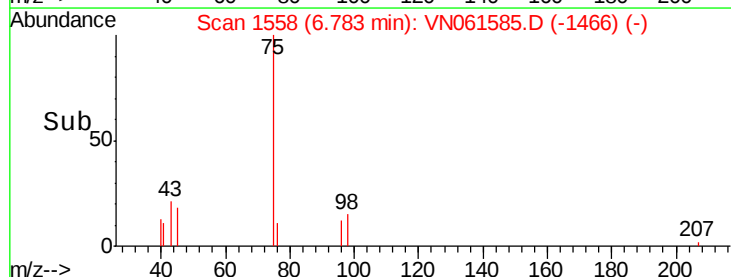
72 0.0 26.0 39.0#

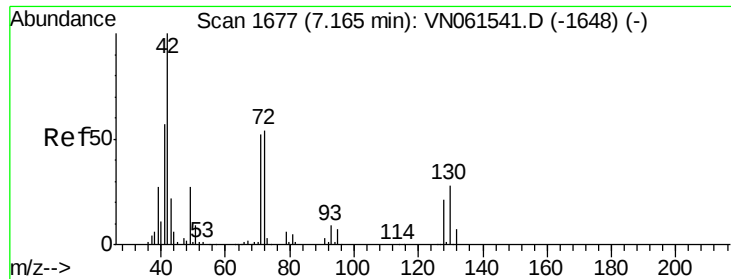


Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1533) (-)

Ion 72.00 (71.70 to 72.70): VN061541.D (-1533) (-)

Time-->

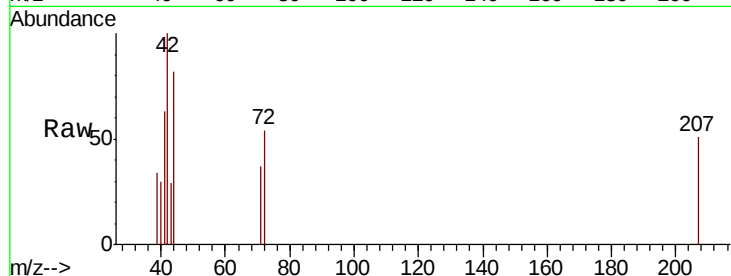




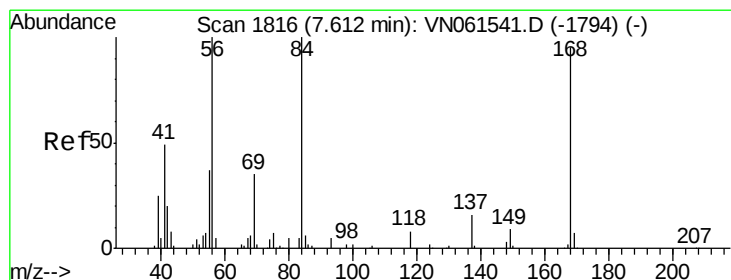
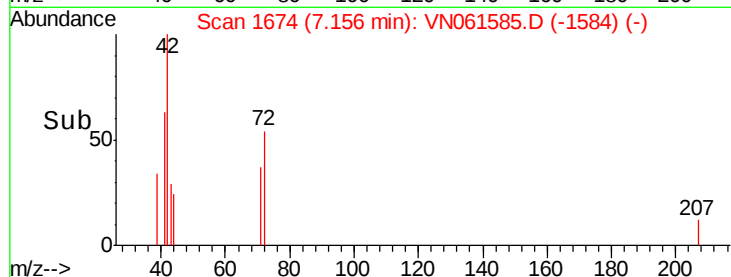
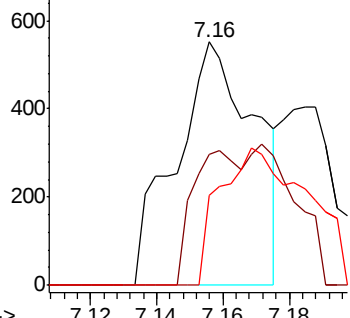
#29  
Tetrahydrofuran  
Concen: 0.819 ug/l  
RT: 7.16 min Scan# 1674  
Delta R.T. -0.01 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0601WBL01

Tot Ion: 42 Resp: 915  
Ion Ratio Lower Upper  
42 100  
72 33.6 43.6 65.4#  
71 62.5 41.2 61.8#

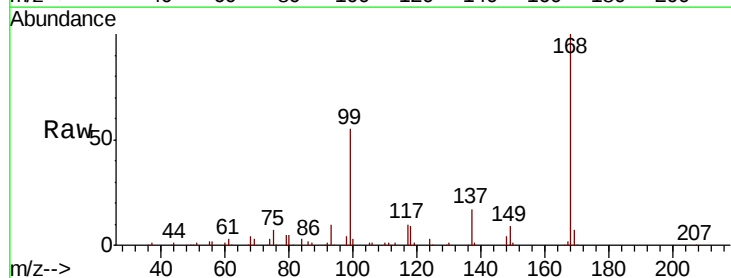


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

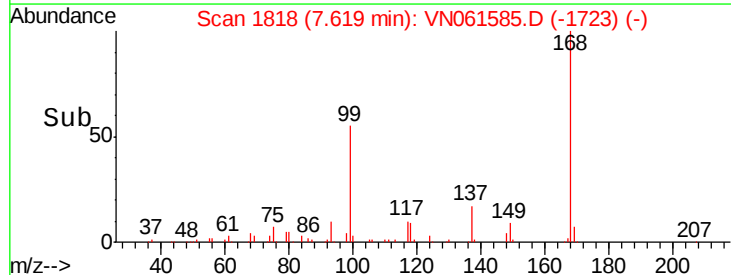
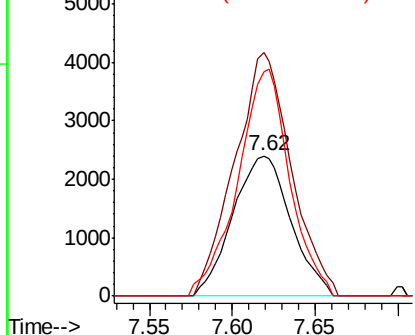


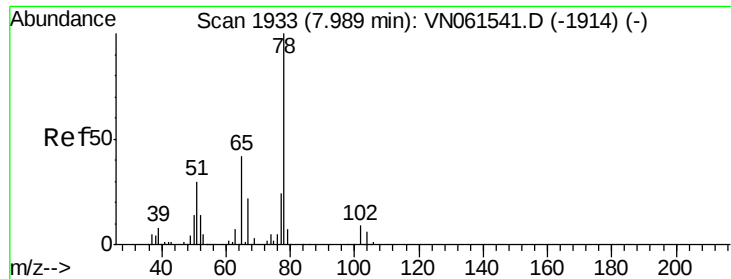
#31  
Cyclohexane  
Concen: 1.159 ug/l  
RT: 7.62 min Scan# 1818  
Delta R.T. 0.01 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Tgt Ion: 56 Resp: 5836  
Ion Ratio Lower Upper  
56 100  
69 173.8 27.8 41.8#  
84 160.2 79.9 119.9#



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

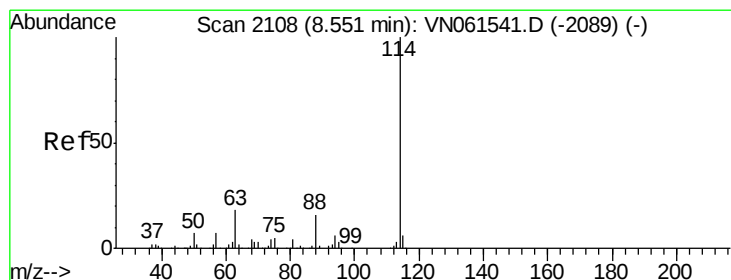
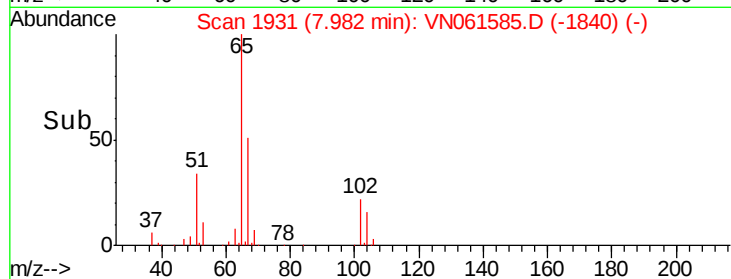
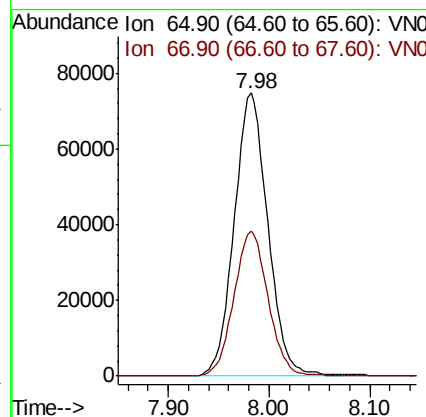
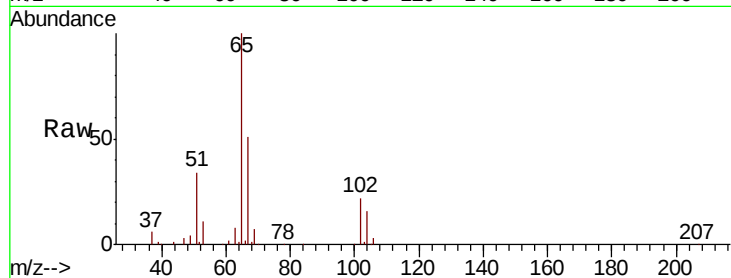




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.543 ug/l  
 RT: 7.98 min Scan# 1931  
 Delta R.T. -0.01 min  
 Lab File: VN061585.D  
 Acq: 1 Jun 2020 11:14

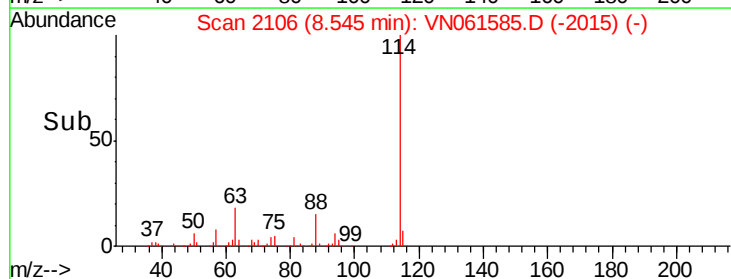
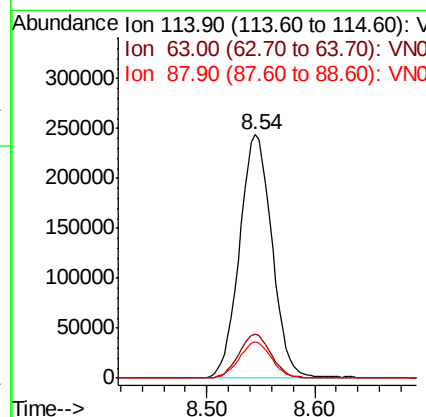
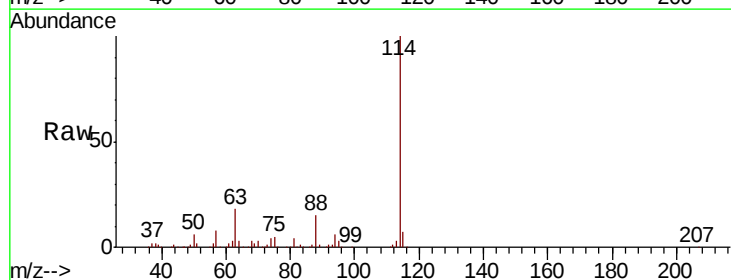
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0601WBL01

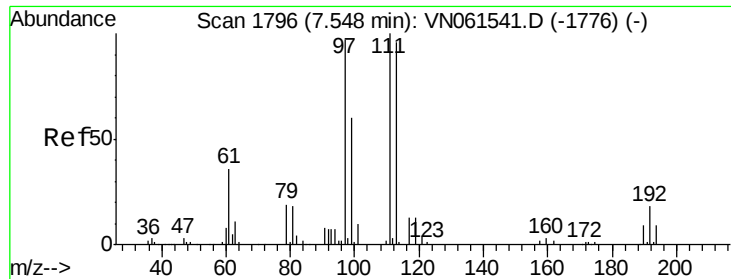
Tot Ion: 65 Resp: 173483  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.54 min Scan# 2106  
 Delta R.T. -0.01 min  
 Lab File: VN061585.D  
 Acq: 1 Jun 2020 11:14

Tgt Ion: 114 Resp: 511315  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 35.8  
 88 14.7 0.0 31.0

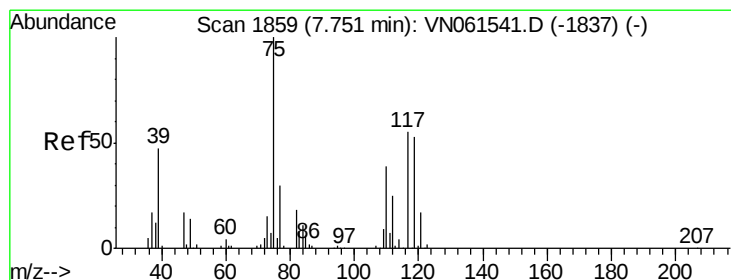
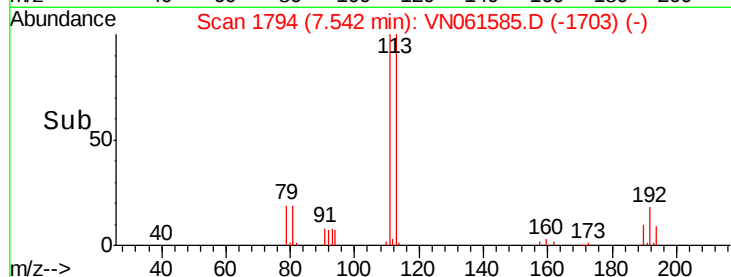
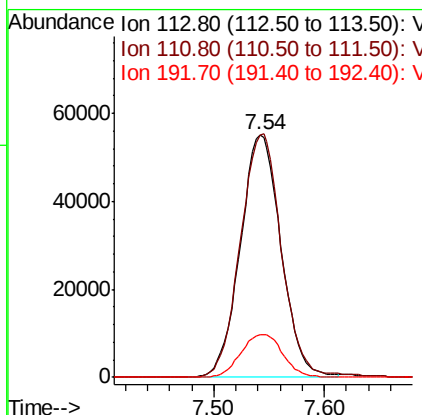
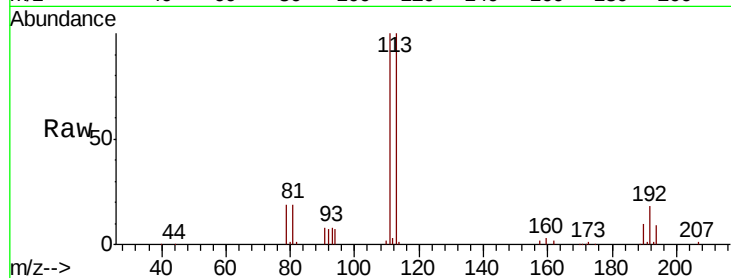




#35  
 Dibromofluoromethane  
 Concen: 54.432 ug/l  
 RT: 7.54 min Scan# 1794  
 Delta R.T. -0.01 min  
 Lab File: VN061585.D  
 Acq: 1 Jun 2020 11:14

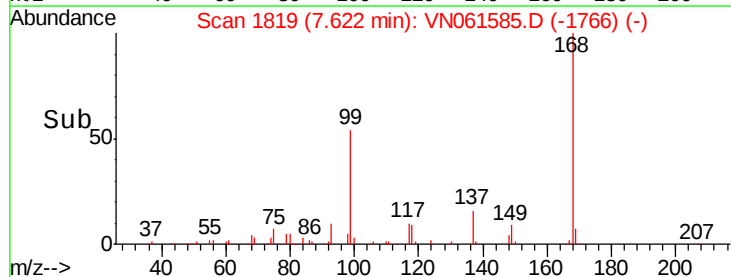
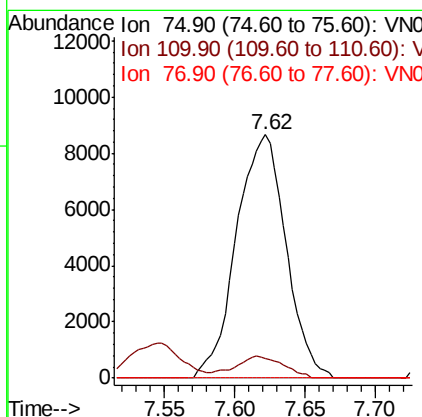
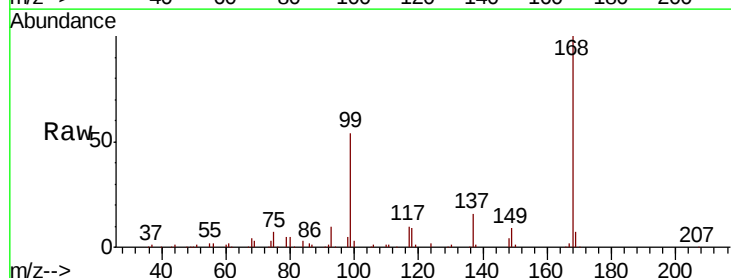
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0601WBL01

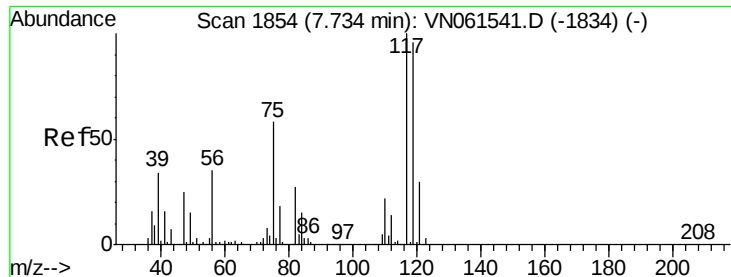
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.1 | 83.4  | 125.0 |
| 192     | 18.2  | 15.4  | 23.2  |



#36  
 1,1-Dichloropropene  
 Concen: 4.702 ug/l  
 RT: 7.62 min Scan# 1819  
 Delta R.T. -0.13 min  
 Lab File: VN061585.D  
 Acq: 1 Jun 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.8   | 19.5  | 58.5# |
| 77      | 0.0   | 24.7  | 37.1# |





#38

Carbon Tetrachloride

Concen: 6.906 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.12 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0601WBL01

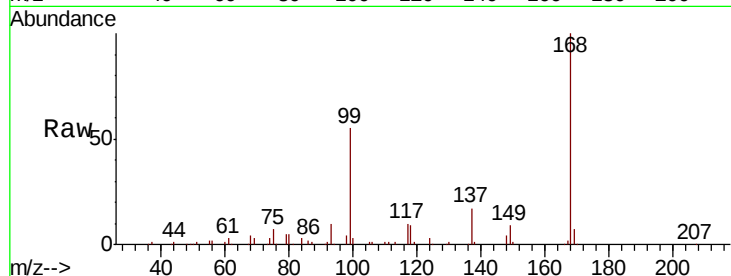
Tot Ion:117 Resp: 30154

Ion Ratio Lower Upper

117 100

119 5.8 76.5 114.7#

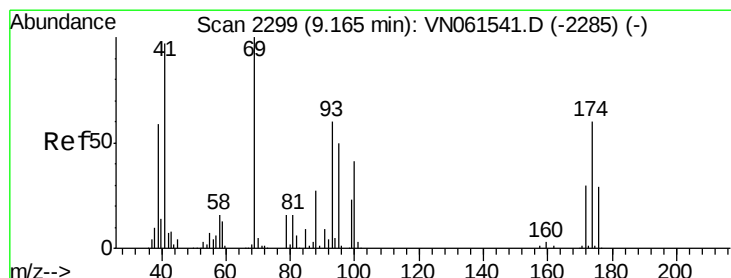
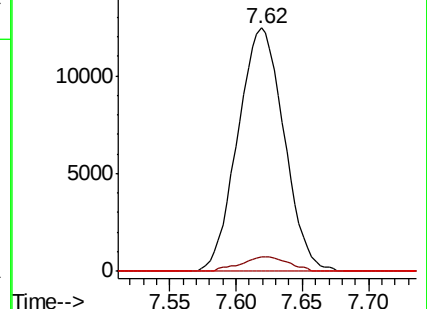
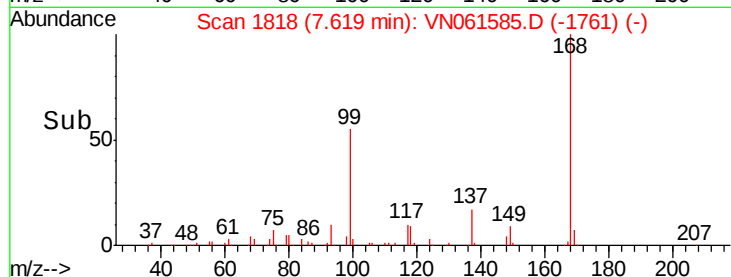
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 7.525 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

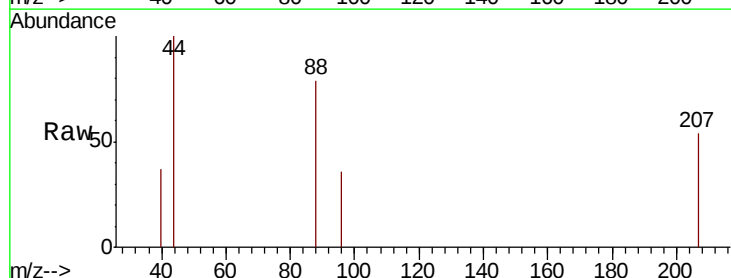
Tgt Ion: 88 Resp: 344

Ion Ratio Lower Upper

88 100

43 9.0 23.1 34.7#

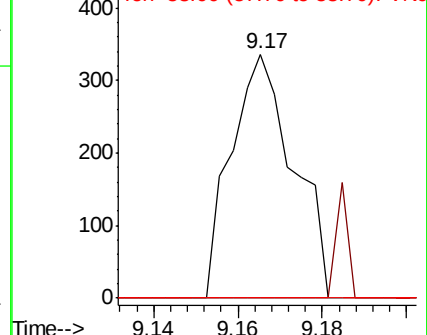
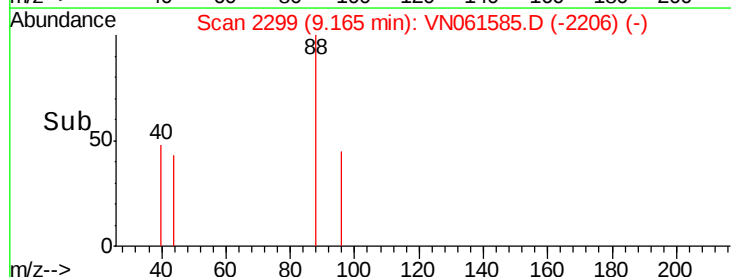
58 0.0 48.3 72.5#

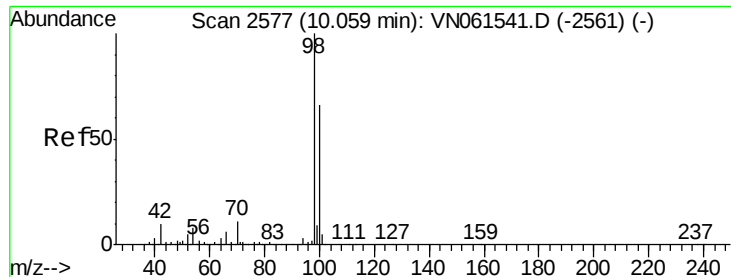


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 50.618 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampleId :

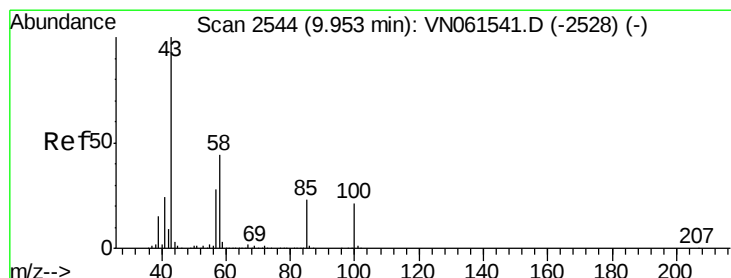
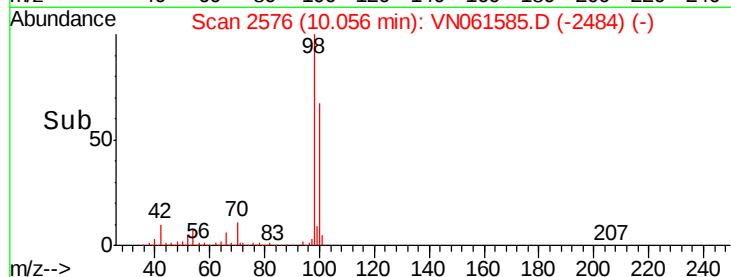
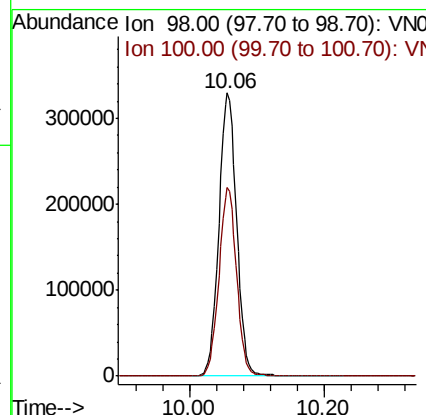
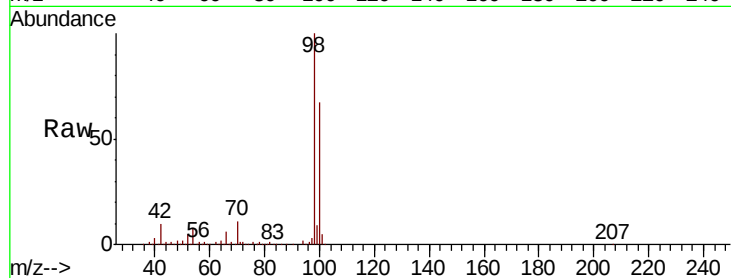
VN0601WBL01

Tot Ion: 98 Resp: 608430

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 0.299 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061585.D

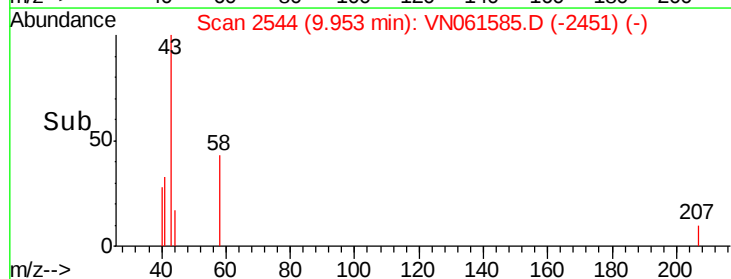
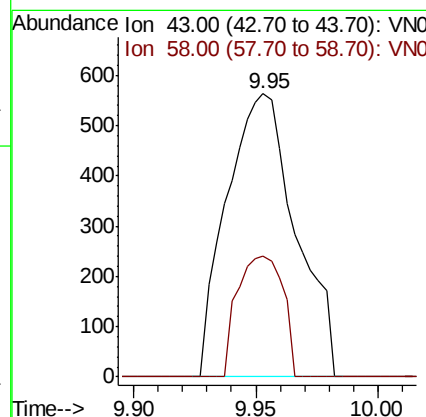
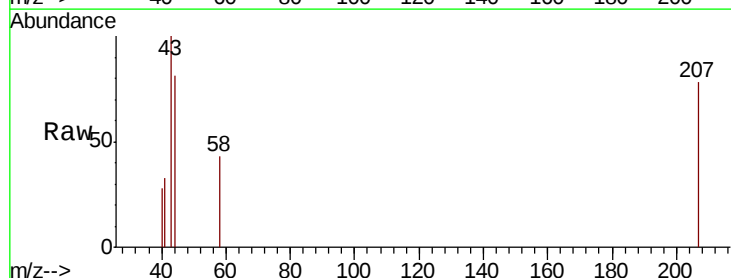
Acq: 1 Jun 2020 11:14

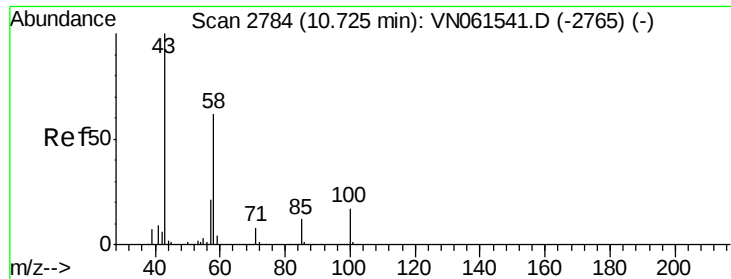
Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

43 100

58 28.1 35.0 52.6#

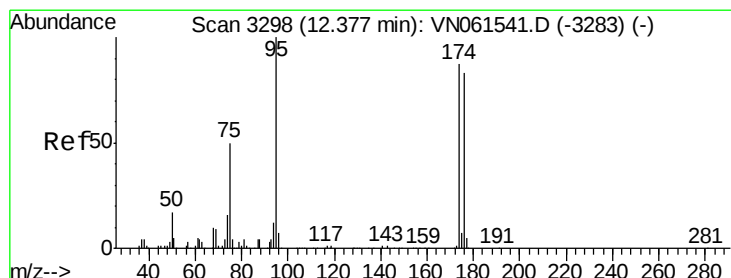
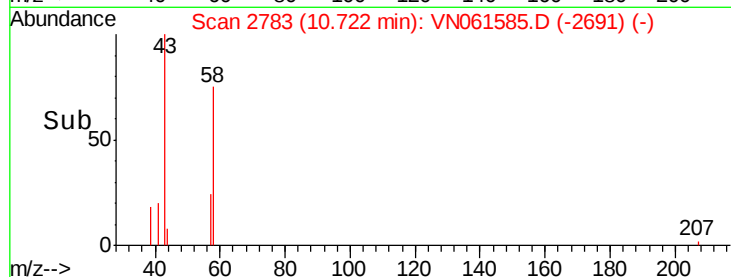
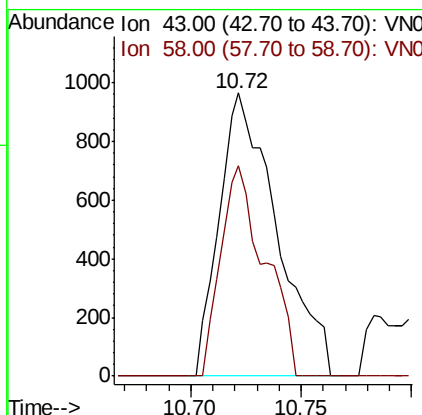
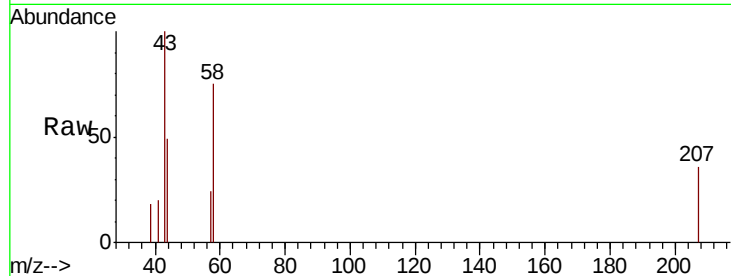




#59  
2-Hexanone  
Concen: 0.658 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

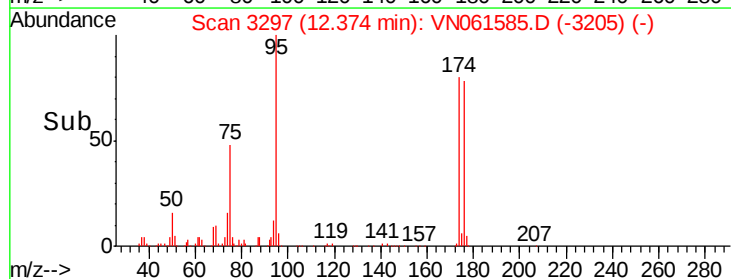
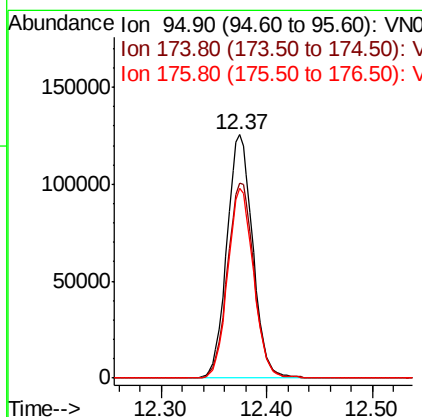
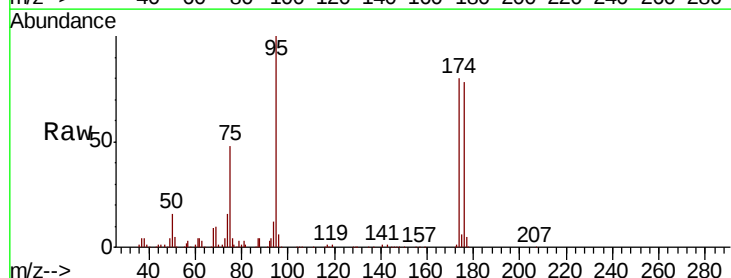
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0601WBL01

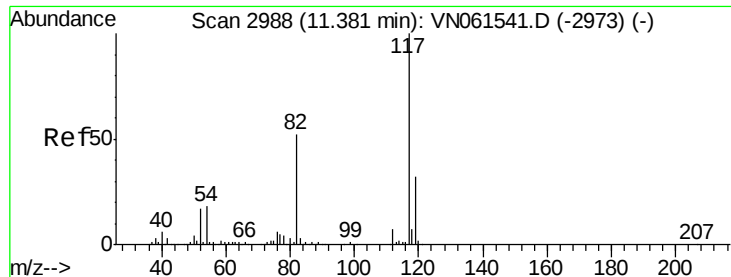
Tot Ion: 43 Resp: 1746  
Ion Ratio Lower Upper  
43 100  
58 56.8 30.7 92.1



#62  
4-Bromofluorobenzene  
Concen: 48.324 ug/l  
RT: 12.37 min Scan# 3297  
Delta R.T. -0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Tgt Ion: 95 Resp: 211916  
Ion Ratio Lower Upper  
95 100  
174 82.3 0.0 172.8  
176 77.8 0.0 164.8

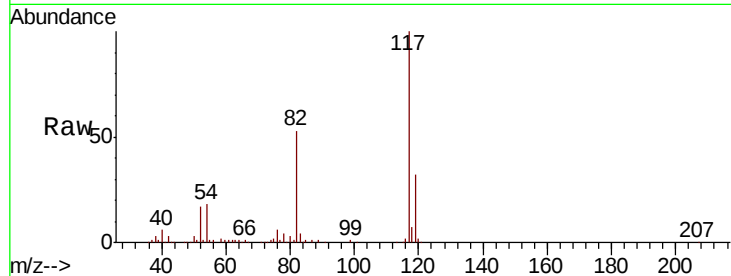




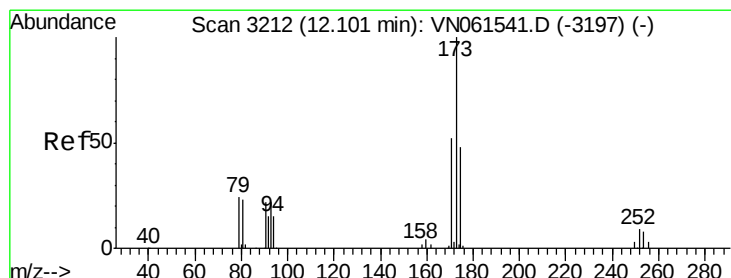
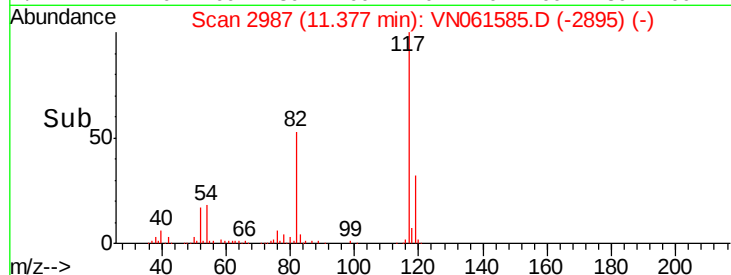
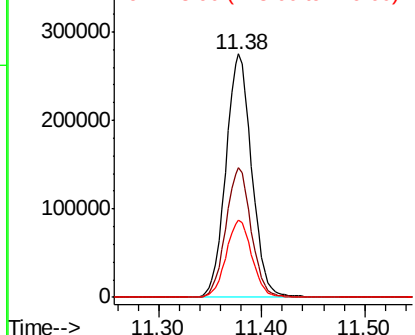
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2987  
Delta R.T. -0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0601WBL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.3  | 41.5  | 62.3  |
| 119     | 31.8  | 25.6  | 38.4  |

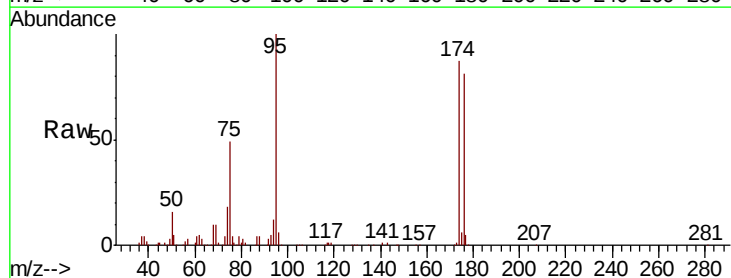


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

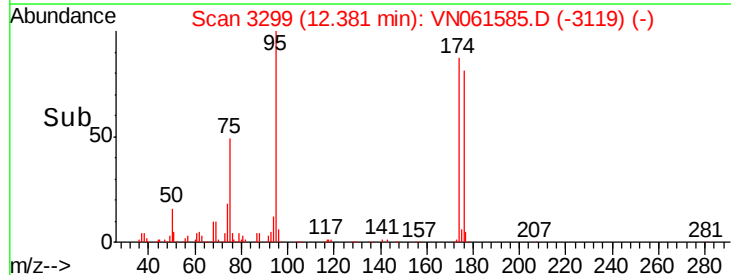
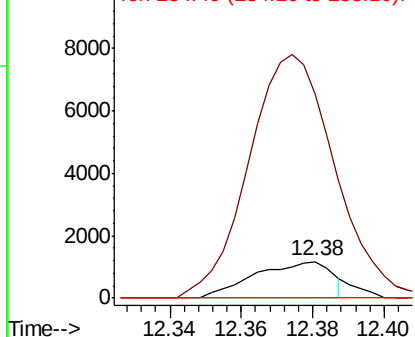


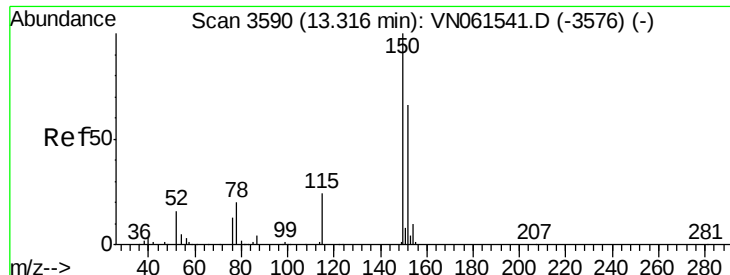
#71  
Bromoform  
Concen: 0.616 ug/l  
RT: 12.38 min Scan# 3299  
Delta R.T. 0.28 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 662.1 | 24.4  | 73.2# |
| 254     | 0.0   | 0.0   | 0.0   |



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: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0601WBL01

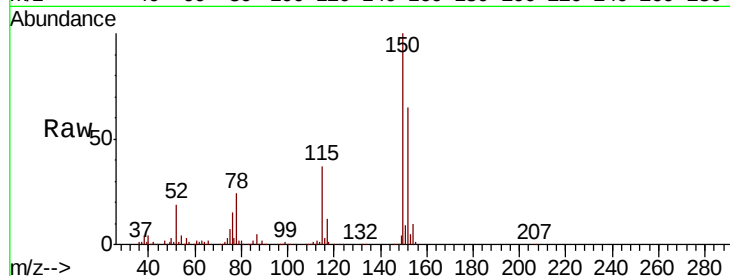
Tot Ion:152 Resp: 202922

Ion Ratio Lower Upper

152 100

115 58.3 28.0 84.0

150 154.2 0.0 344.0

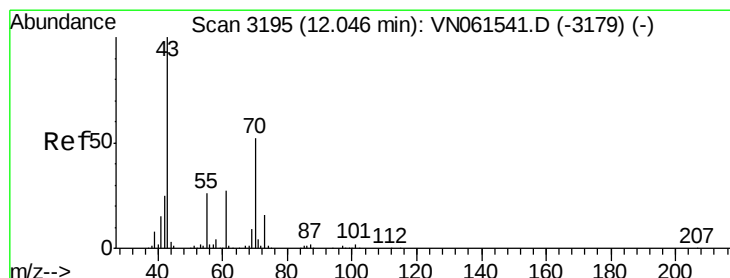
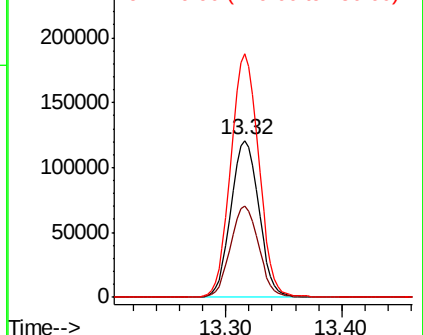
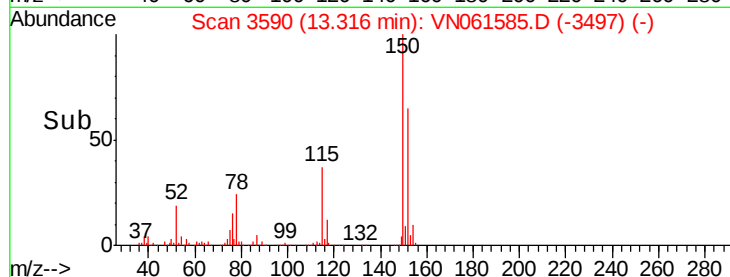


Abundance

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



#74

N-ethyl acetate

Concen: 0.241 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Tgt Ion: 43 Resp: 1122

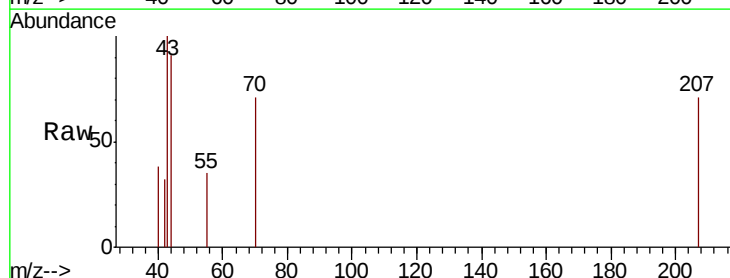
Ion Ratio Lower Upper

43 100

70 31.3 40.5 60.7#

55 13.2 20.6 31.0#

61 6.0 21.8 32.6#



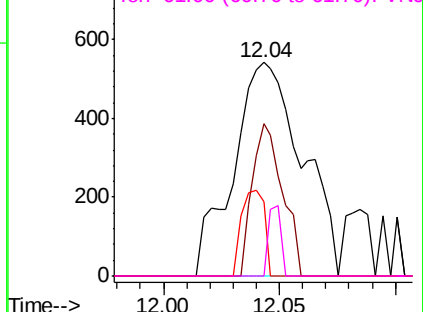
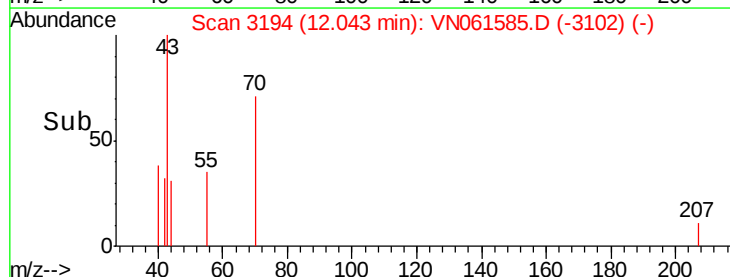
Abundance

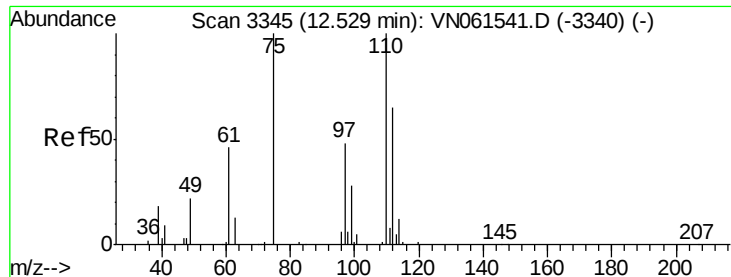
Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 28.252 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA\_N

ClientSampleId :

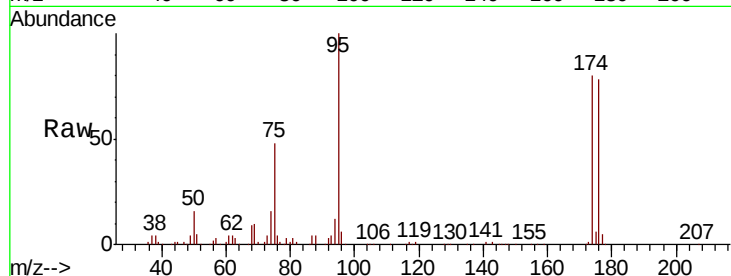
VN0601WBL01

Tot Ion: 75 Resp: 104246

Ion Ratio Lower Upper

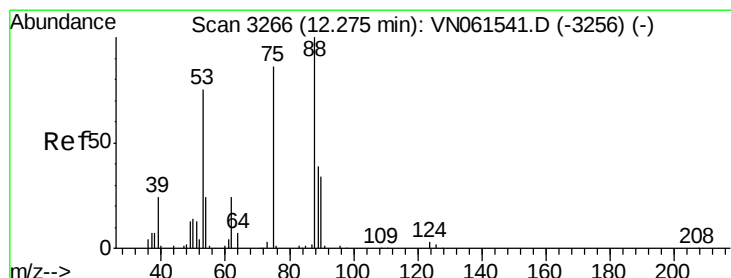
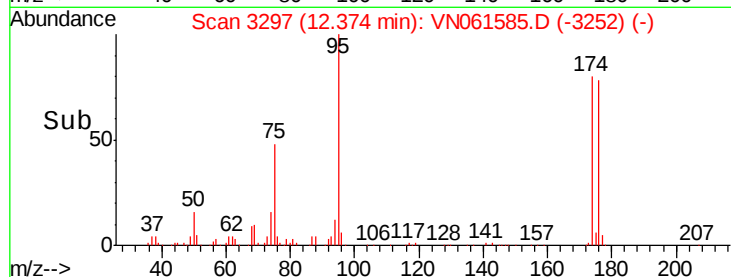
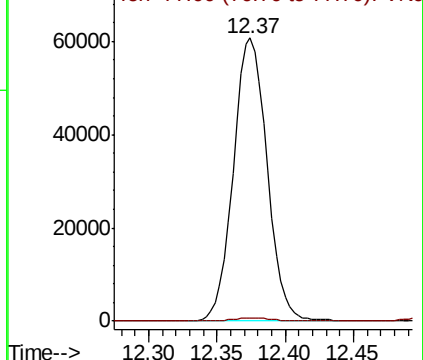
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.247 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

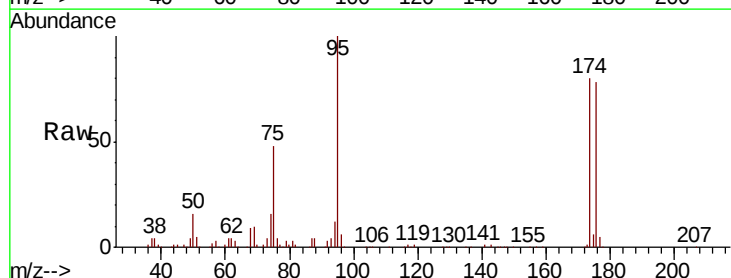
Tgt Ion: 75 Resp: 104246

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

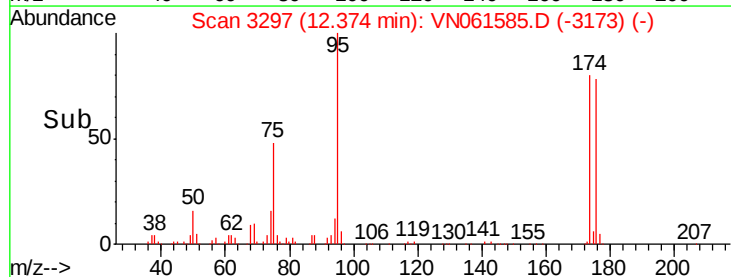
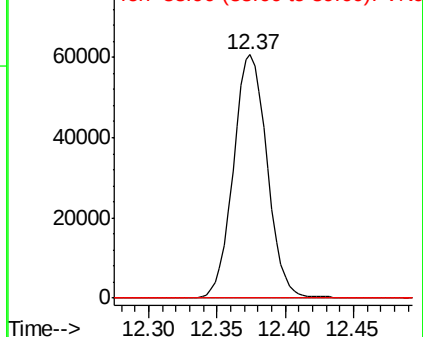
89 0.0 37.1 55.7#

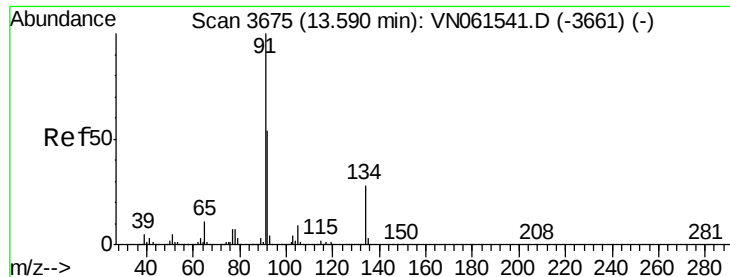


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

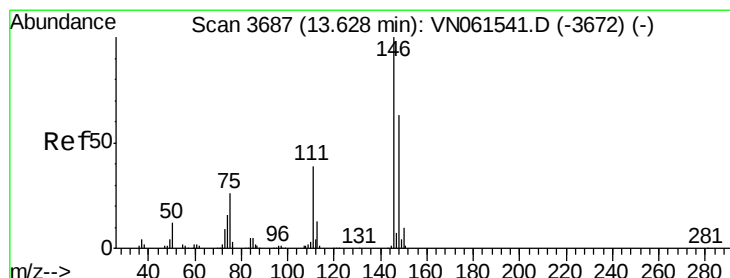
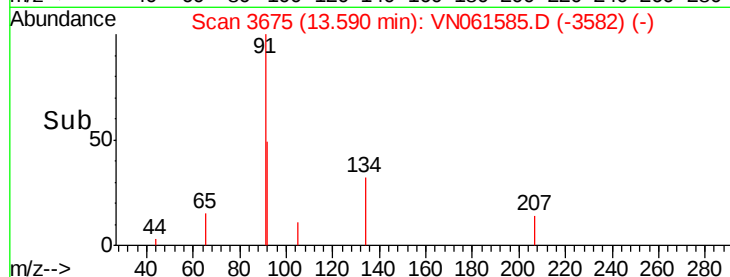
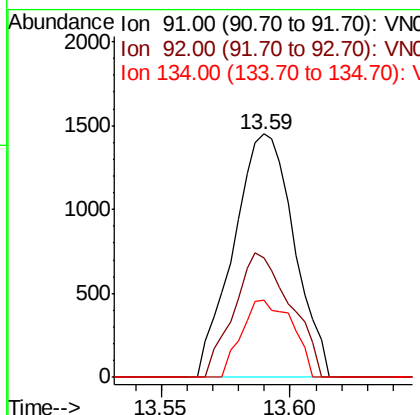
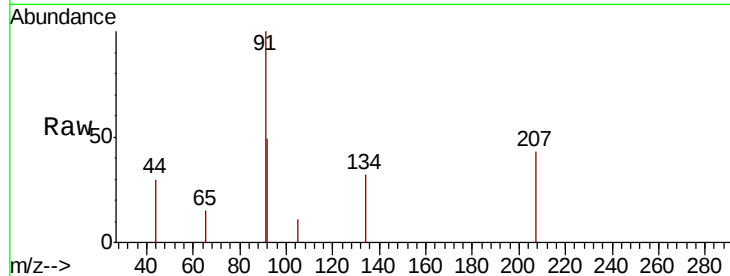




#89  
n-Butylbenzene  
Concen: 0.218 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. 0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

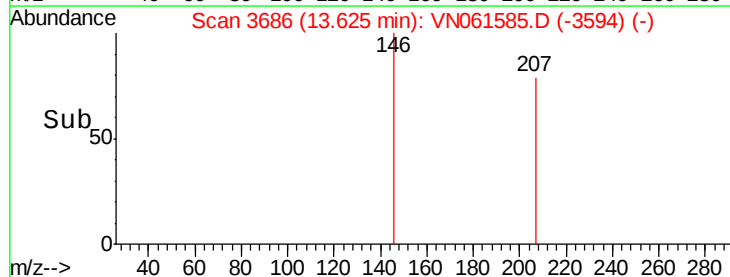
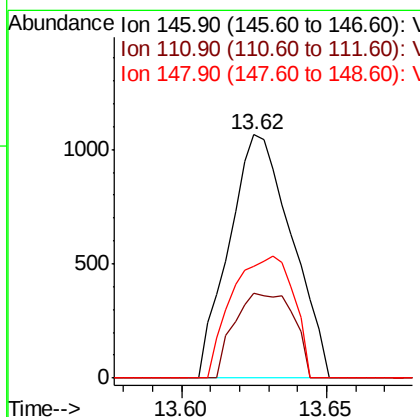
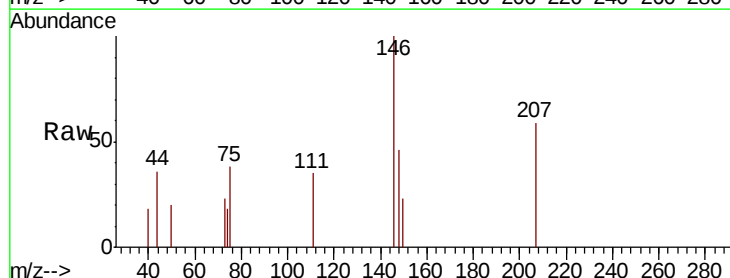
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0601WBL01

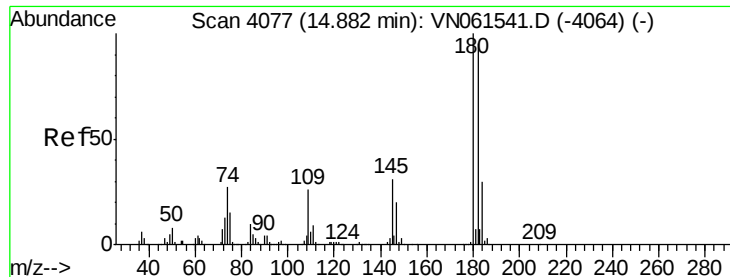
Tot Ion: 91 Resp: 2372  
Ion Ratio Lower Upper  
91 100  
92 47.6 27.2 81.6  
134 26.4 14.0 42.0



#91  
1,2-Dichlorobenzene  
Concen: 0.249 ug/l  
RT: 13.62 min Scan# 3686  
Delta R.T. -0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Tgt Ion: 146 Resp: 1594  
Ion Ratio Lower Upper  
146 100  
111 32.7 20.1 60.2  
148 49.2 31.9 95.5

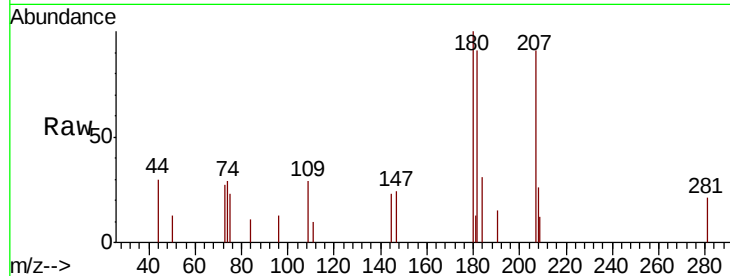




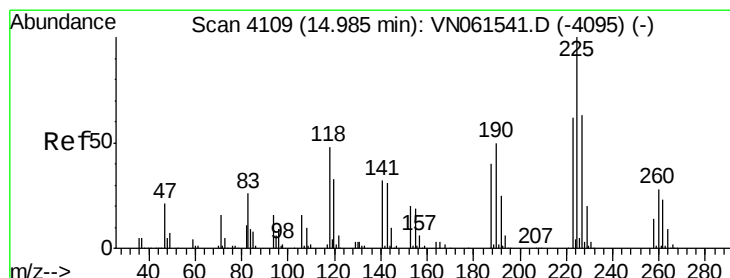
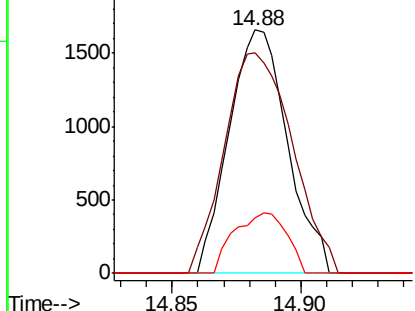
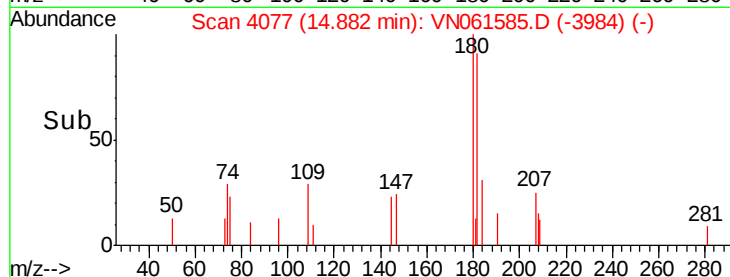
#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.702 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN061585.D  
 Acq: 1 Jun 2020 11:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0601WBL01

Tot Ion:180 Resp: 2625  
 Ion Ratio Lower Upper  
 180 100  
 182 105.4 47.8 143.3  
 145 22.4 15.5 46.5

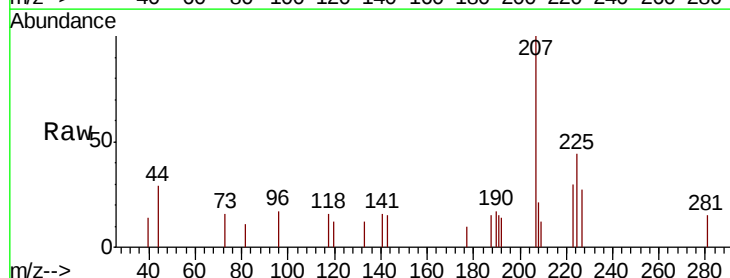


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

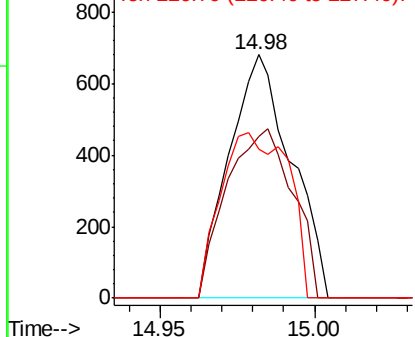
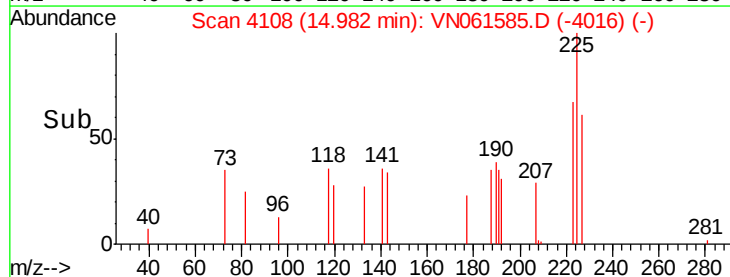


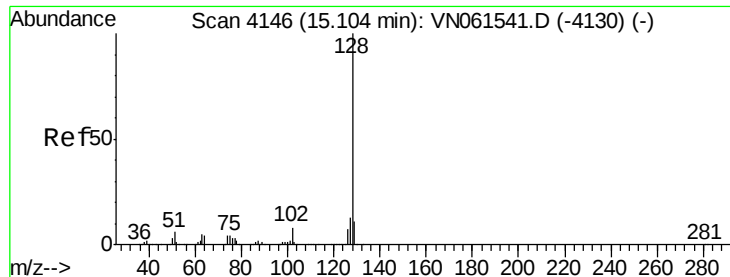
#94  
 Hexachlorobutadiene  
 Concen: 0.596 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN061585.D  
 Acq: 1 Jun 2020 11:14

Tgt Ion:225 Resp: 951  
 Ion Ratio Lower Upper  
 225 100  
 223 74.4 31.9 95.5  
 227 73.9 31.9 95.9



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

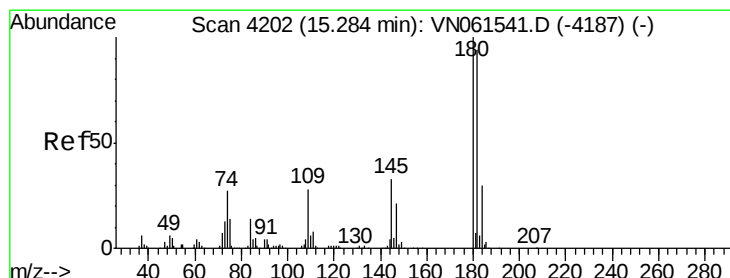
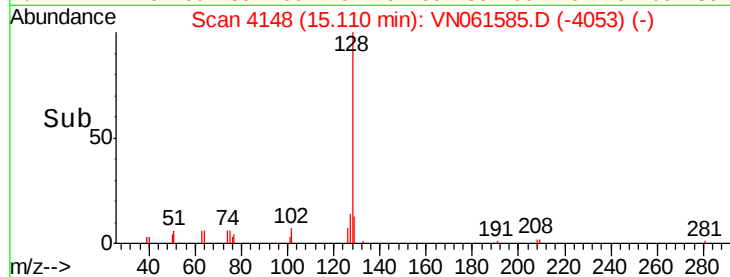
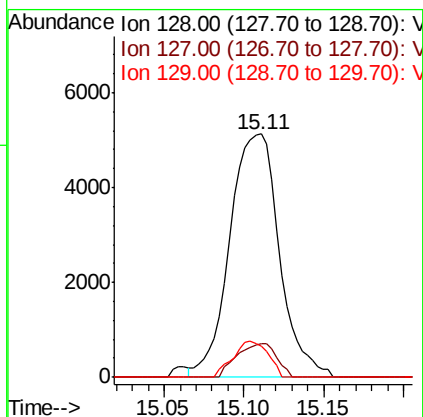
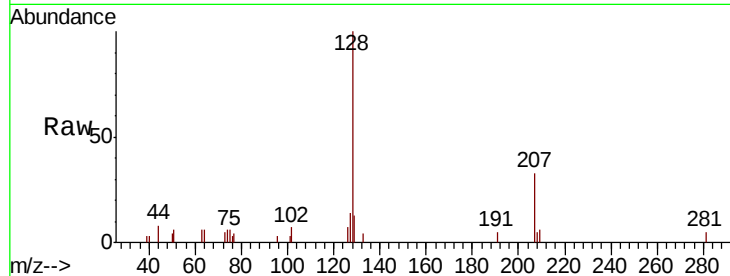




#95  
Naphthalene  
Concen: 0.955 ug/l  
RT: 15.11 min Scan# 4148  
Delta R.T. 0.01 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0601WBL01

Tot Ion:128 Resp: 10872  
Ion Ratio Lower Upper  
128 100  
127 10.9 10.0 15.0  
129 10.4 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 0.865 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. 0.00 min  
Lab File: VN061585.D  
Acq: 1 Jun 2020 11:14

Tgt Ion:180 Resp: 3182  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.1 141.3  
145 31.0 16.3 48.9

