

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\  
 Data File : VN061802.D  
 Acq On : 12 Jun 2020 19:31  
 Operator : JC/MD  
 Sample : L2989-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE125D2-20200609

Quant Time: Jun 13 05:15:01 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      | 7.63  | 168  | 268108   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 450020   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 456523   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 199222   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 151890   | 47.55 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.10%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 130924   | 57.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.70% |          |
| 50) Toluene-d8              | 10.06 | 98   | 557484   | 52.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.40% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 186909   | 48.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.86%  |          |

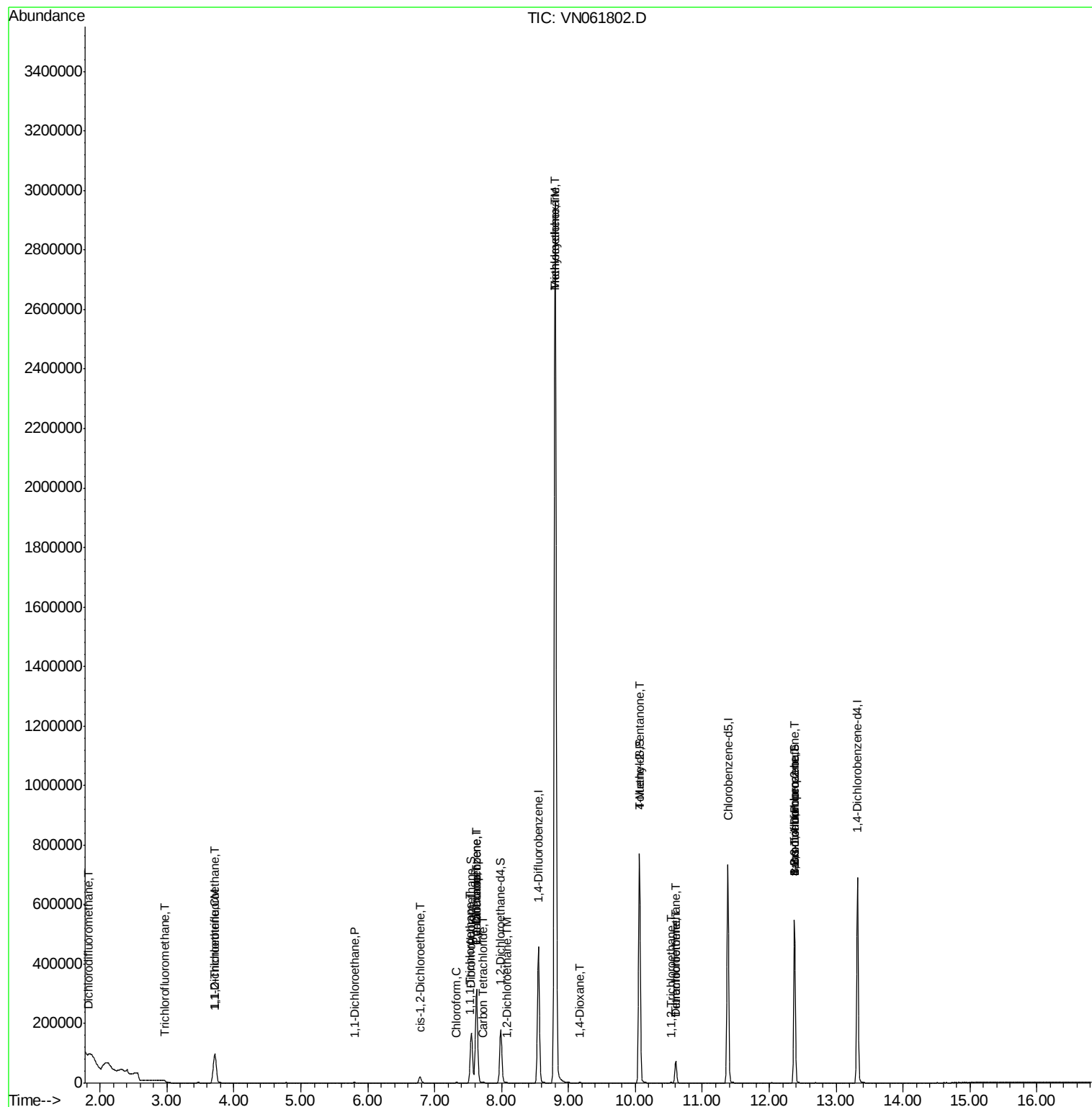
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.83  | 85   | 1547     | 1.636     | ug/l   | 92     |
| 7) Trichlorofluoromethane      | 2.98  | 101  | 1404     | 0.243     | ug/l   | 90     |
| 9) 1,1,2-Trichlorotrifluoroet  | 3.72  | 101  | 54260    | 21.160    | ug/l   | 96     |
| 12) 1,1-Dichloroethene         | 3.70  | 96   | 14970    | 5.464     | ug/l   | 90     |
| 16) Acetone                    | 3.79  | 43   | 1658     | Below Cal |        | 91     |
| 24) 1,1-Dichloroethane         | 5.80  | 63   | 3257     | 0.651     | ug/l # | 81     |
| 27) cis-1,2-Dichloroethene     | 6.78  | 96   | 15330    | 4.382     | ug/l   | 88     |
| 30) Chloroform                 | 7.33  | 83   | 2445     | 0.442     | ug/l   | 99     |
| 31) Cyclohexane                | 7.63  | 56   | 4512     | 1.002     | ug/l # | 20     |
| 32) 1,1,1-Trichloroethane      | 7.52  | 97   | 2015     | 0.399     | ug/l # | 38     |
| 36) 1,1-Dichloropropene        | 7.63  | 75   | 17894    | 4.492     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.73  | 117  | 1961     | 0.510     | ug/l   | 89     |
| 39) Methylcyclohexane          | 8.80  | 83   | 12870    | 2.621     | ug/l # | 1      |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 977      | 0.237     | ug/l # | 72     |
| 44) Trichloroethene            | 8.80  | 130  | 1163055  | 307.880   | ug/l   | 96     |
| 49) 1,4-Dioxane                | 9.17  | 88   | 1407     | 34.968    | ug/l # | 85     |
| 51) 4-Methyl-2-Pentanone       | 10.06 | 43   | 2040     | 0.627     | ug/l # | 1      |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 1470     | 0.460     | ug/l # | 90     |
| 60) Dibromochloromethane       | 10.60 | 129  | 15242    | 4.195     | ug/l # | 11     |
| 64) Tetrachloroethene          | 10.60 | 164  | 18276    | 4.253     | ug/l   | 97     |
| 71) Bromoform                  | 12.38 | 173  | 1646     | 0.605     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 90999    | 25.120    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 90999    | 64.238    | ug/l # | 15     |

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

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Quant Time: Jun 13 05:15:01 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: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

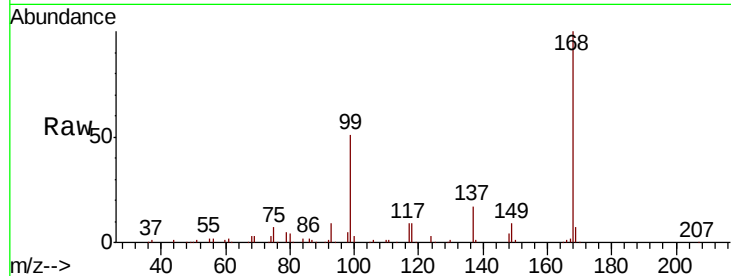
RE125D2-20200609

Tot Ion:168 Resp: 268108

Ion Ratio Lower Upper

168 100

99 51.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

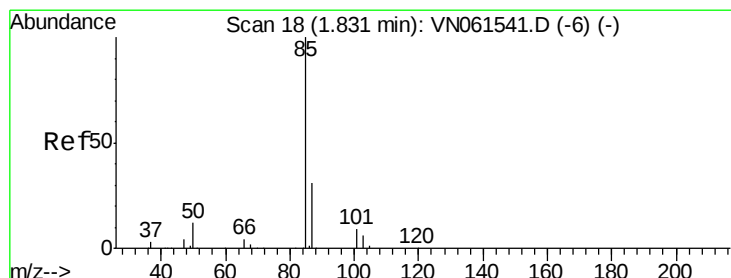
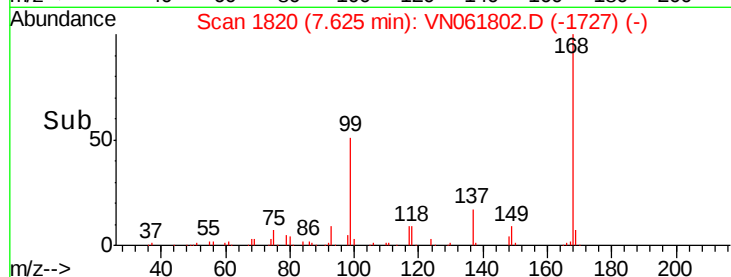
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.636 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061802.D

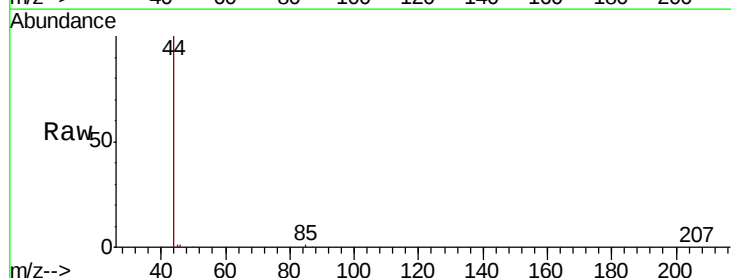
Acq: 12 Jun 2020 19:31

Tgt Ion: 85 Resp: 1547

Ion Ratio Lower Upper

85 100

87 27.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

1200

1000

800

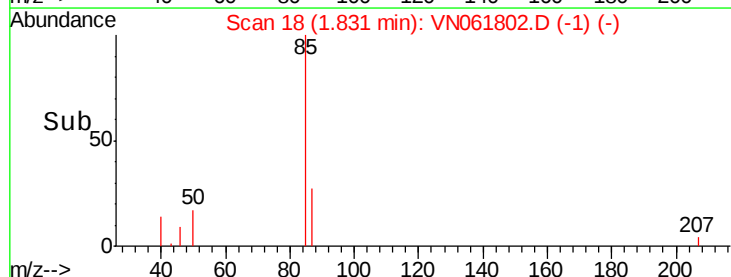
600

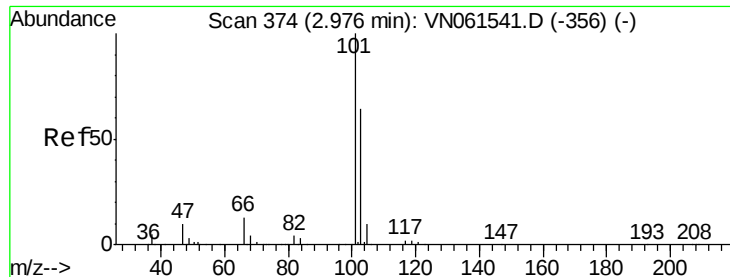
400

200

0

Time--> 1.80 1.82 1.84 1.86



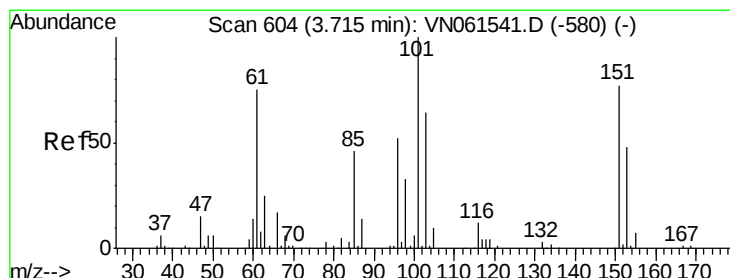
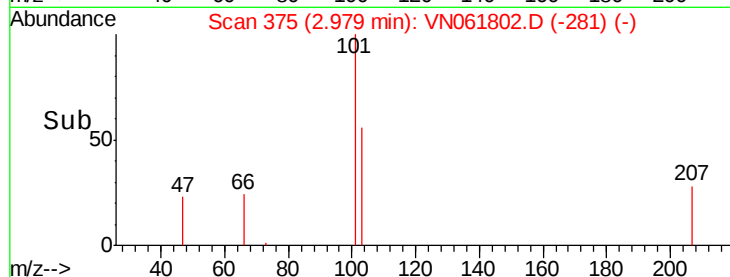
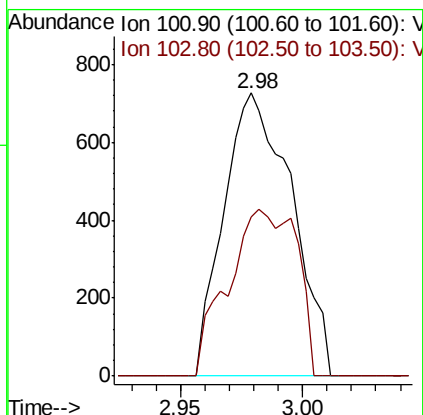
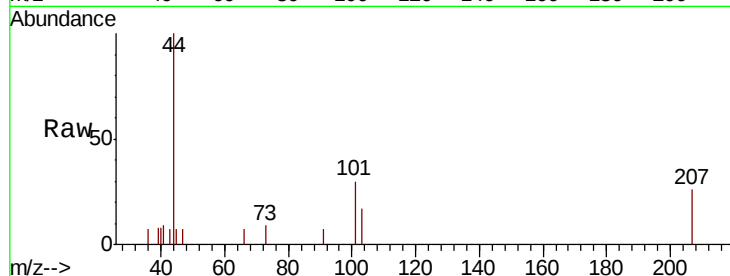


#7

Trichlorofluoromethane  
Concen: 0.243 ug/l  
RT: 2.98 min Scan# 375  
Delta R.T. 0.00 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE125D2-20200609

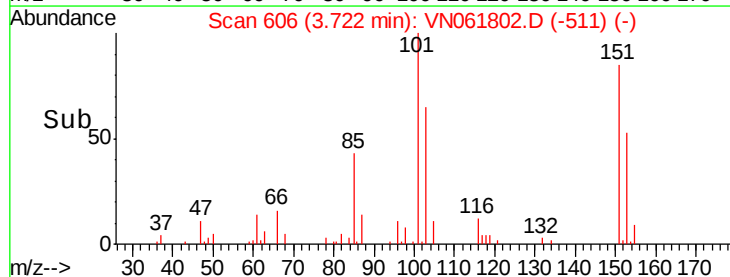
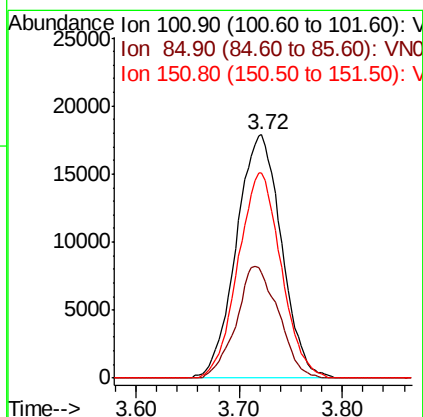
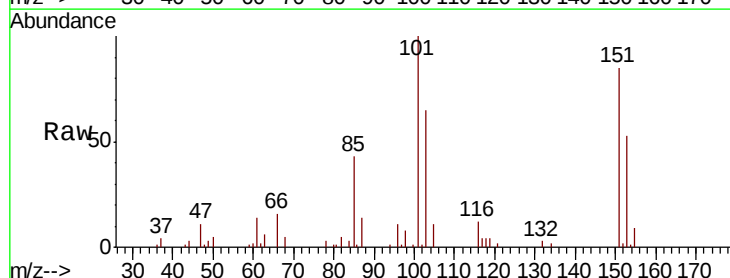
Tot Ion:101 Resp: 1404  
Ion Ratio Lower Upper  
101 100  
103 56.3 51.4 77.2

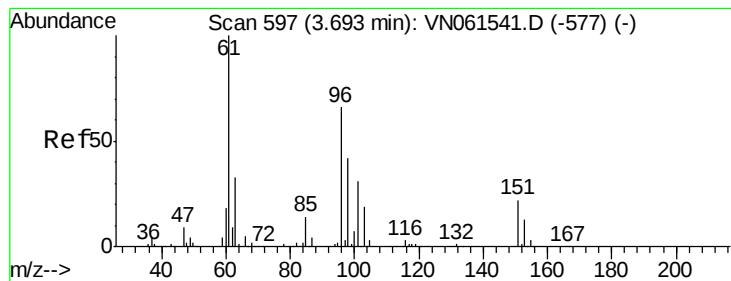


#9

1,1,2-Trichlorotrifluoroethane  
Concen: 21.160 ug/l  
RT: 3.72 min Scan# 606  
Delta R.T. 0.01 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

Tgt Ion:101 Resp: 54260  
Ion Ratio Lower Upper  
101 100  
85 42.9 35.2 52.8  
151 80.6 61.0 91.6





#12

1,1-Dichloroethene

Concen: 5.464 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

RE125D2-20200609

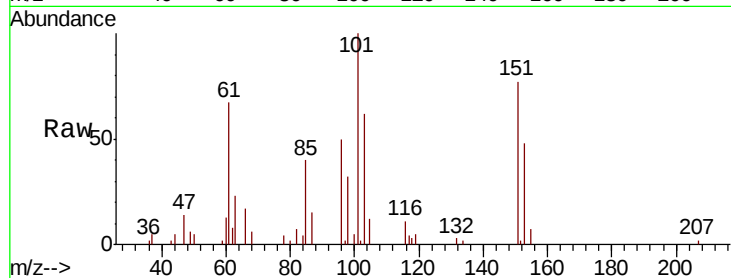
Tot Ion: 96 Resp: 14970

Ion Ratio Lower Upper

96 100

61 132.2 120.5 180.7

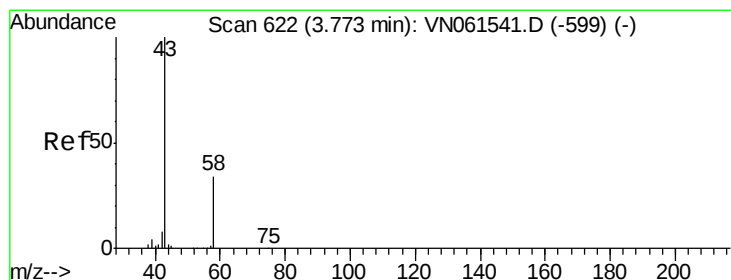
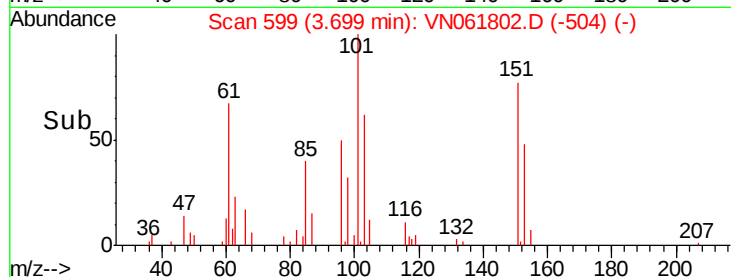
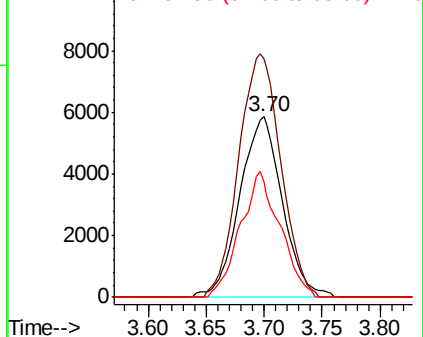
98 64.2 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061802.D

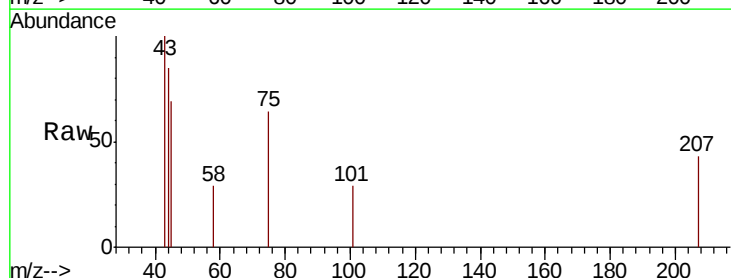
Acq: 12 Jun 2020 19:31

Tgt Ion: 43 Resp: 1658

Ion Ratio Lower Upper

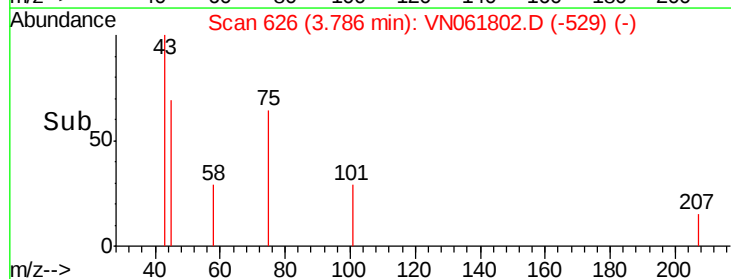
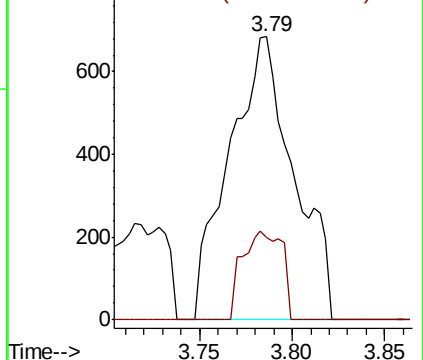
43 100

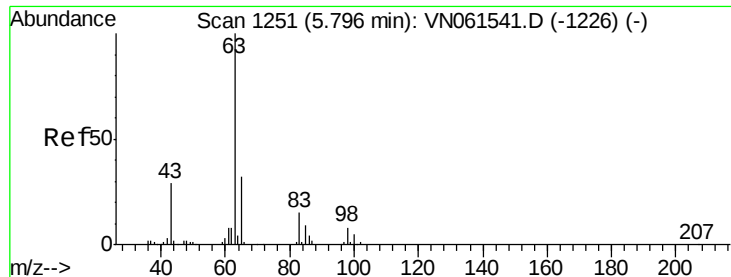
58 29.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#24

1,1-Dichloroethane

Concen: 0.651 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

RE125D2-20200609

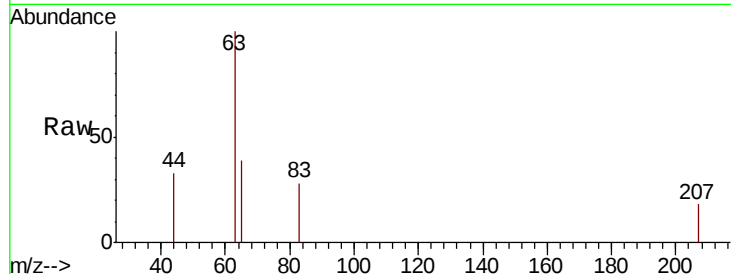
Tot Ion: 63 Resp: 3257

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.4#

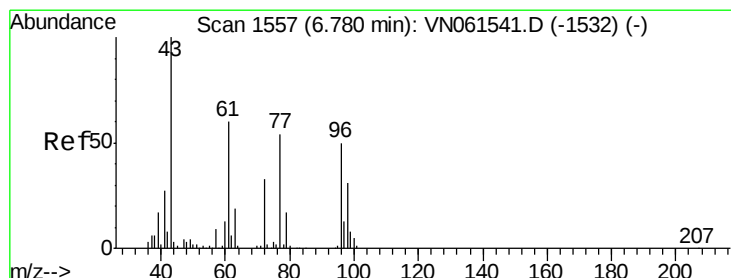
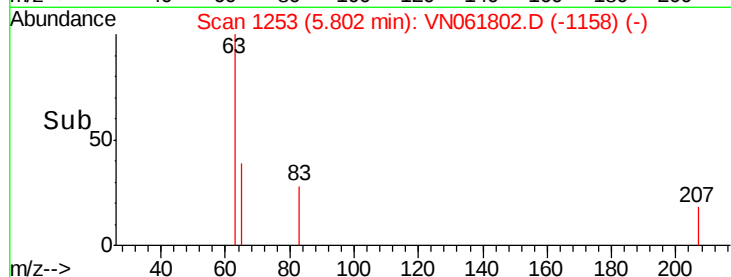
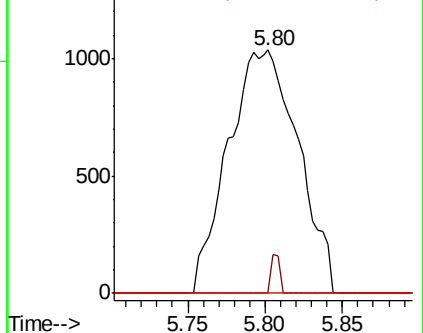
100 0.0 2.5 7.6#



Abundance Ion 62.90 (62.60 to 63.60): VN061802.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061802.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061802.D (-1158) (-)



#27

cis-1,2-Dichloroethene

Concen: 4.382 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

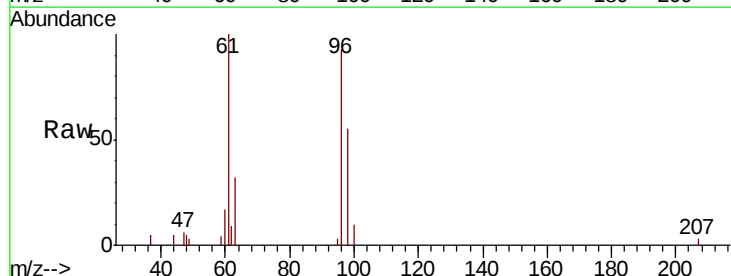
Tgt Ion: 96 Resp: 15330

Ion Ratio Lower Upper

96 100

61 107.0 0.0 252.2

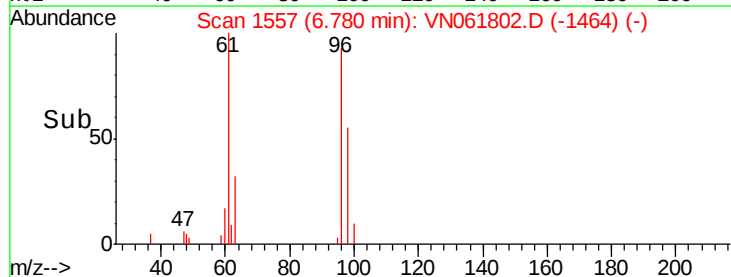
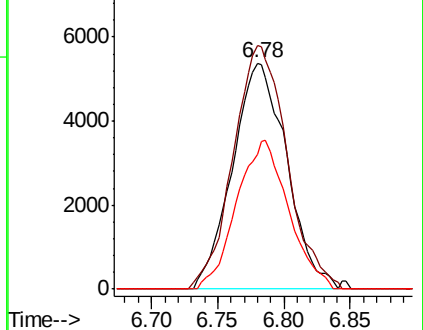
98 62.9 0.0 129.2

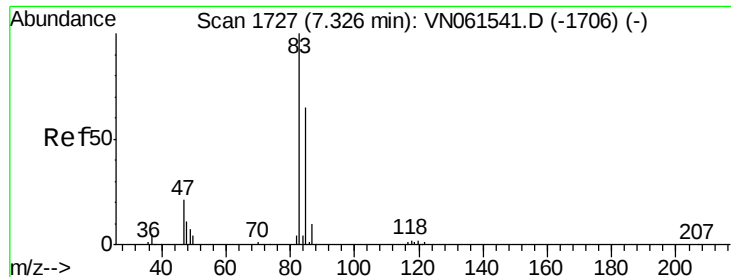


Abundance Ion 95.90 (95.60 to 96.60): VN061802.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061802.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061802.D (-1464) (-)

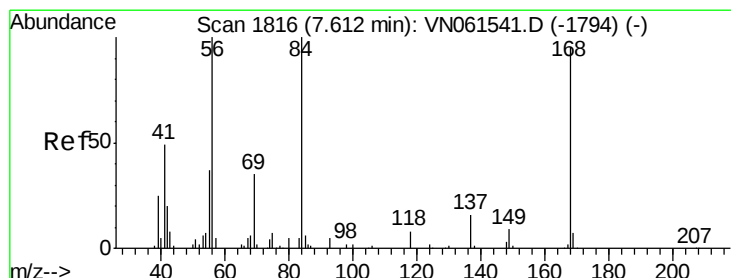
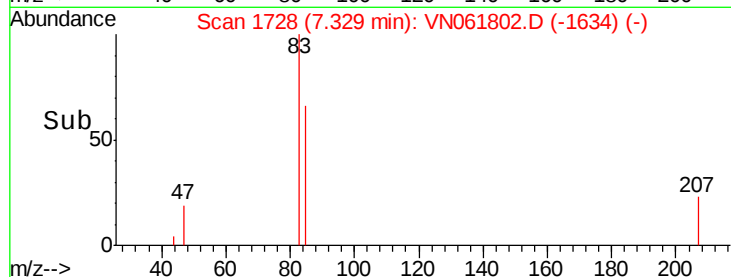
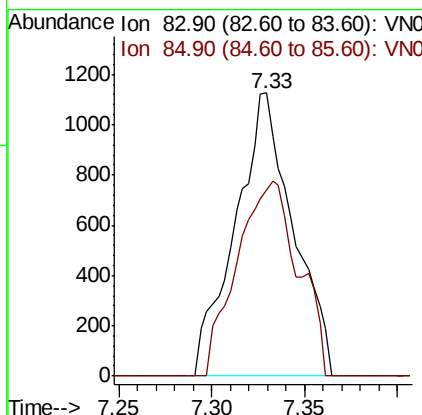
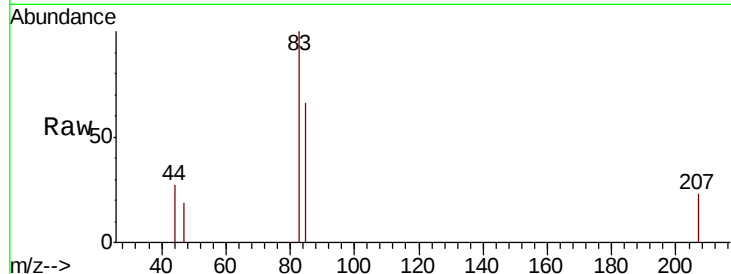




#30  
Chloroform  
Concen: 0.442 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

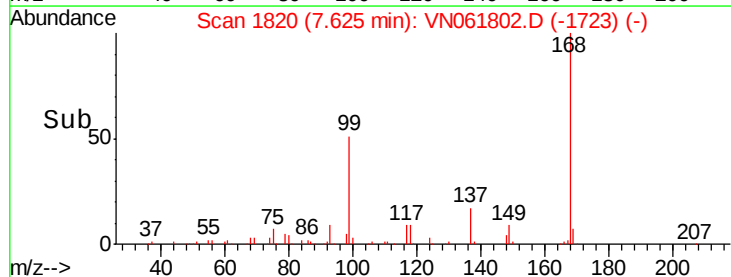
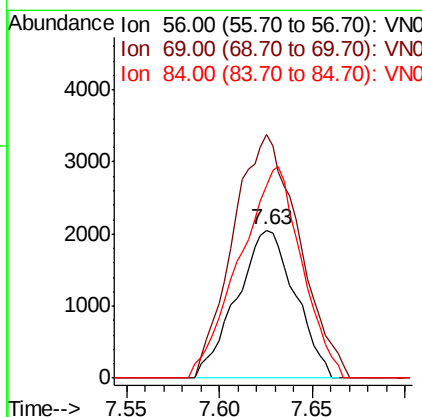
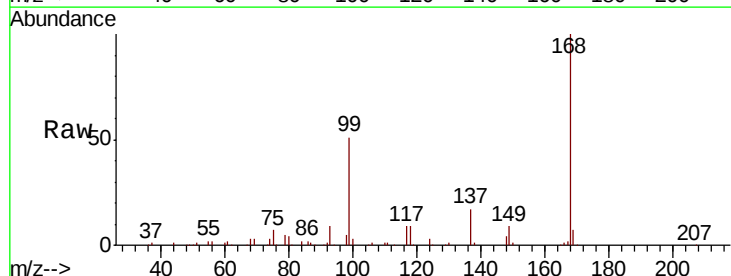
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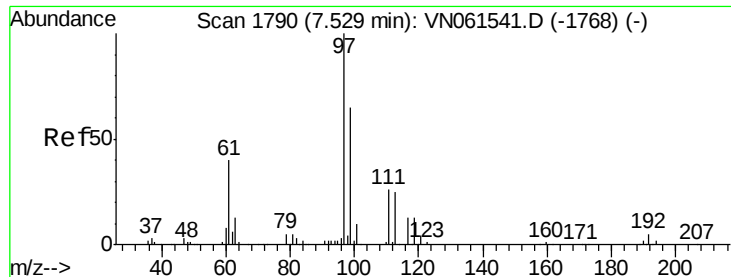
Tot Ion: 83 Resp: 2445  
Ion Ratio Lower Upper  
83 100  
85 65.7 51.7 77.5



#31  
Cyclohexane  
Concen: 1.002 ug/l  
RT: 7.63 min Scan# 1820  
Delta R.T. 0.01 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

Tgt Ion: 56 Resp: 4512  
Ion Ratio Lower Upper  
56 100  
69 164.6 27.8 41.8#  
84 129.9 79.9 119.9#





#32

1,1,1-Trichloroethane

Concen: 0.399 ug/l

RT: 7.52 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

RE125D2-20200609

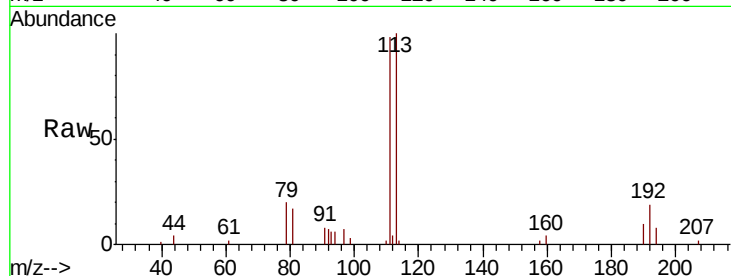
Tot Ion: 97 Resp: 2015

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

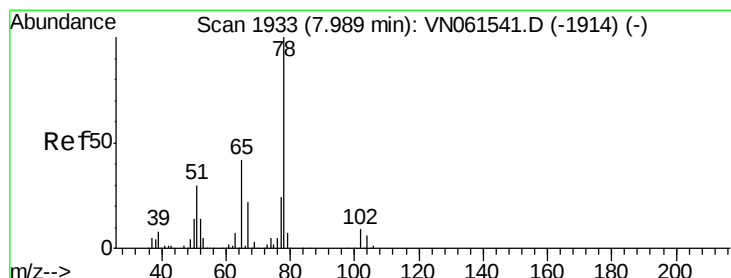
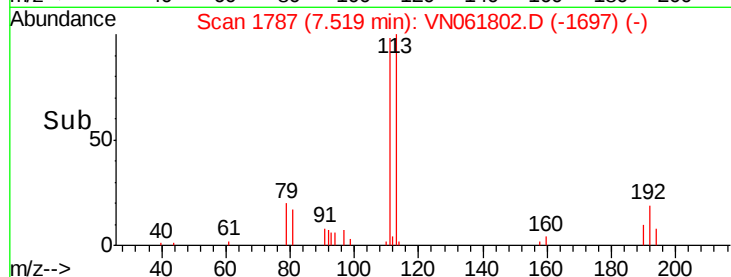
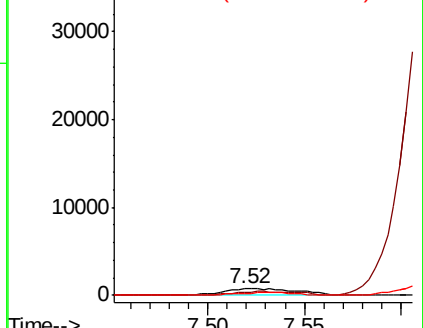
61 21.9 31.4 47.0#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.550 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061802.D

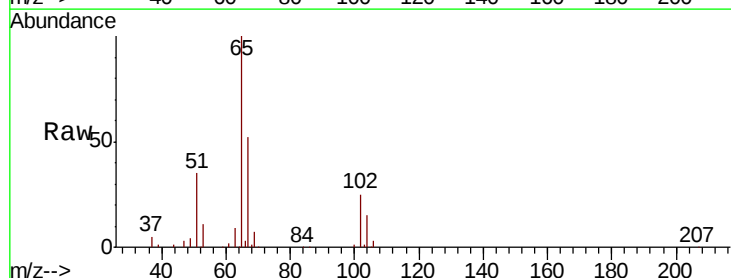
Acq: 12 Jun 2020 19:31

Tgt Ion: 65 Resp: 151890

Ion Ratio Lower Upper

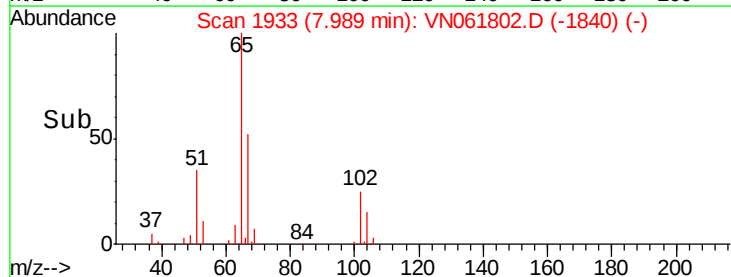
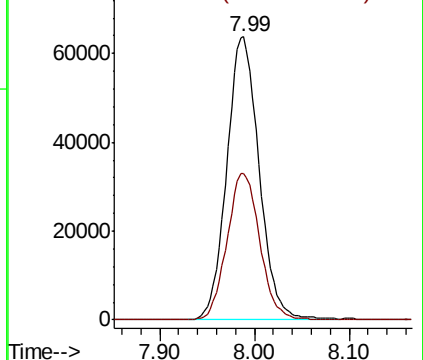
65 100

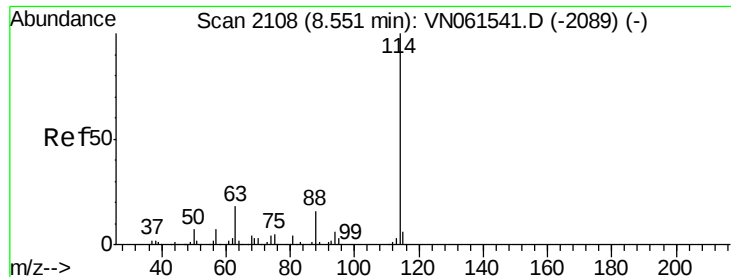
67 52.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

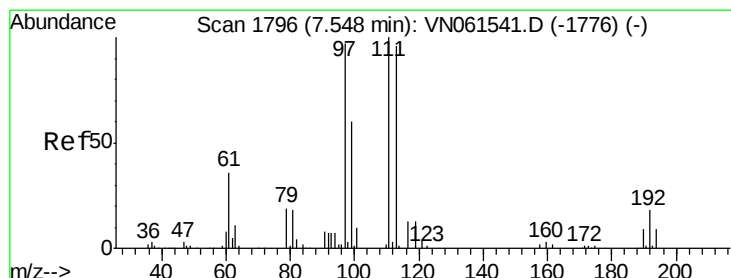
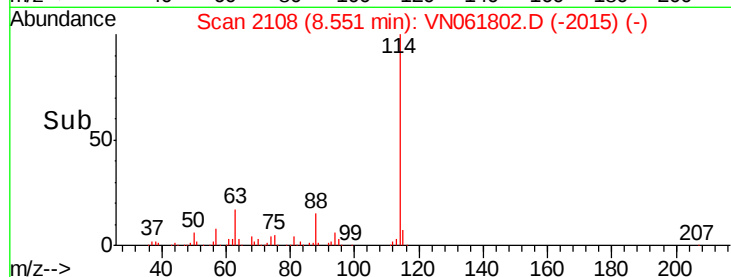
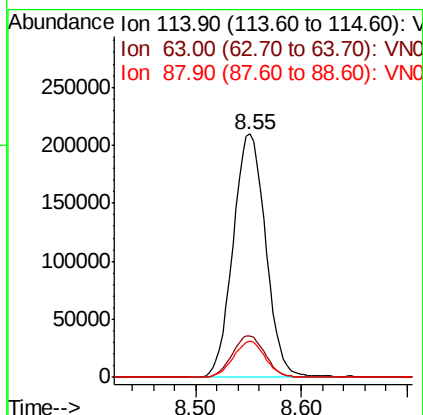
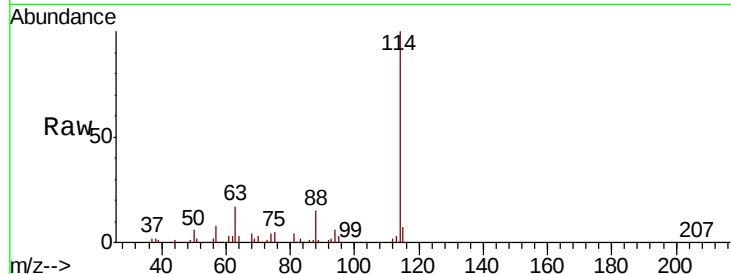




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN061802.D  
 Acq: 12 Jun 2020 19:31

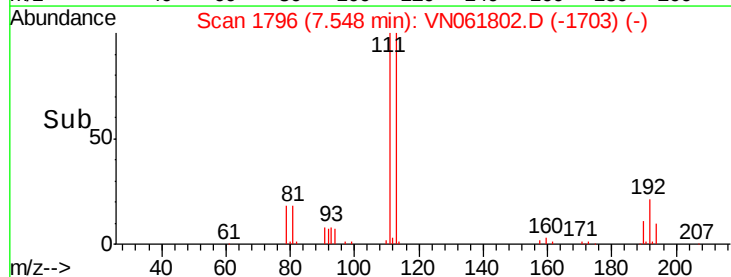
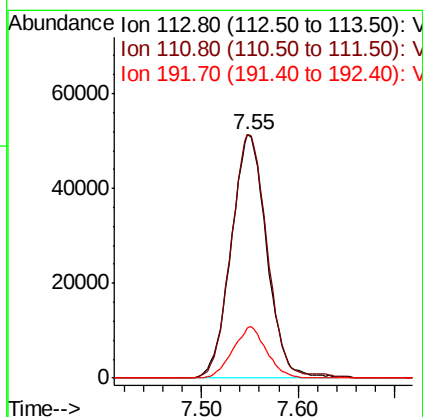
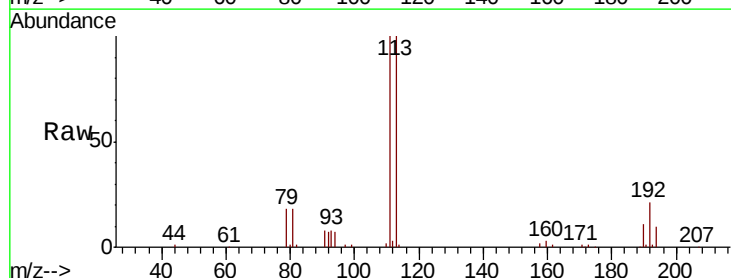
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE125D2-20200609

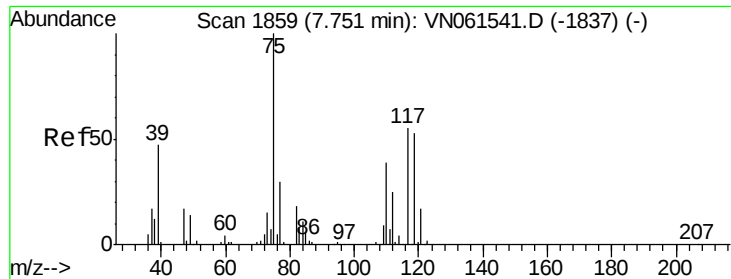
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.2  | 0.0   | 35.8  |
| 88      | 14.8  | 0.0   | 31.0  |



#35  
 Dibromofluoromethane  
 Concen: 57.351 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN061802.D  
 Acq: 12 Jun 2020 19:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.4 | 83.4  | 125.0 |
| 192     | 19.9  | 15.4  | 23.2  |

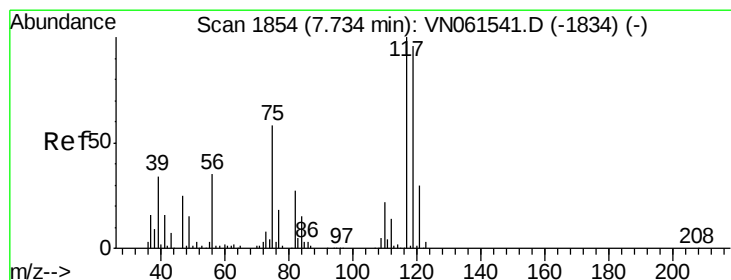
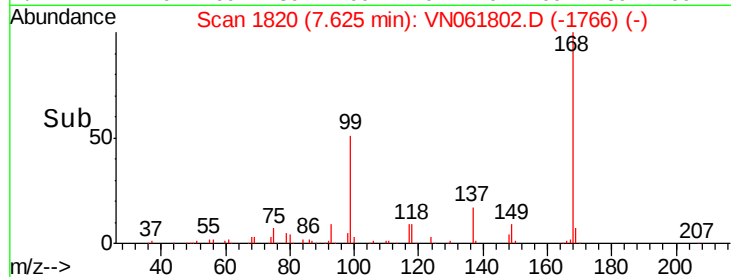
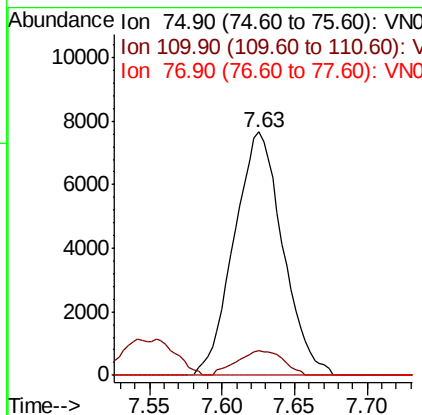
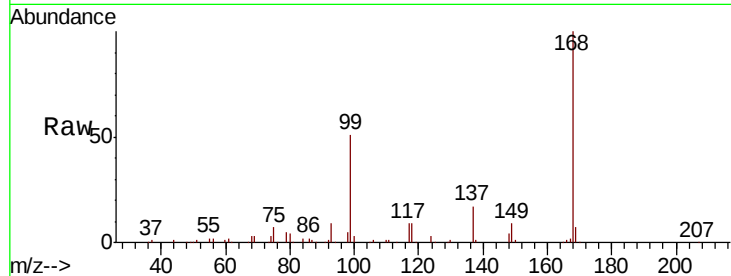




#36  
 1,1-Dichloropropene  
 Concen: 4.492 ug/l  
 RT: 7.63 min Scan# 1820  
 Delta R.T. -0.13 min  
 Lab File: VN061802.D  
 Acq: 12 Jun 2020 19:31

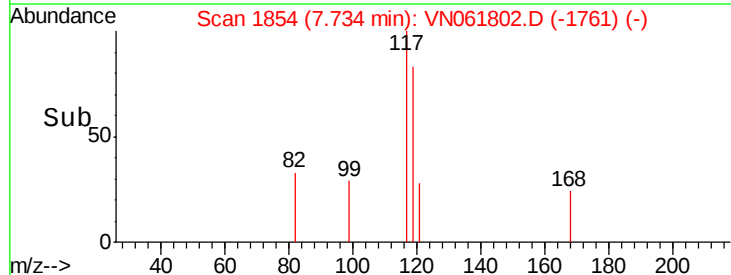
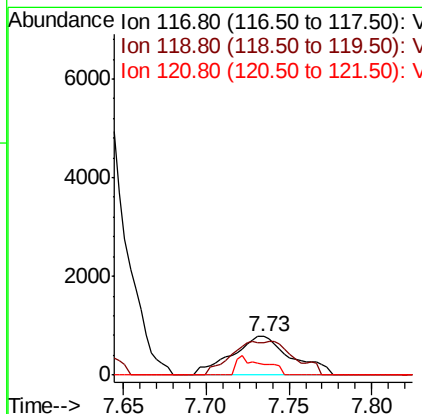
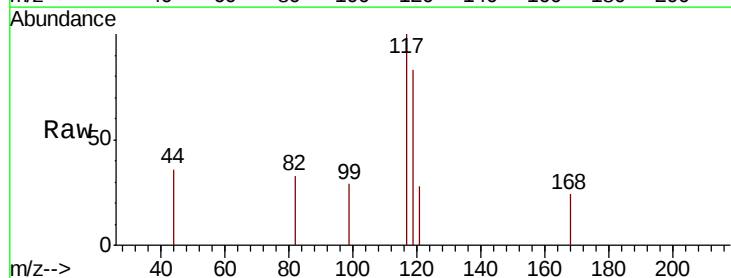
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE125D2-20200609

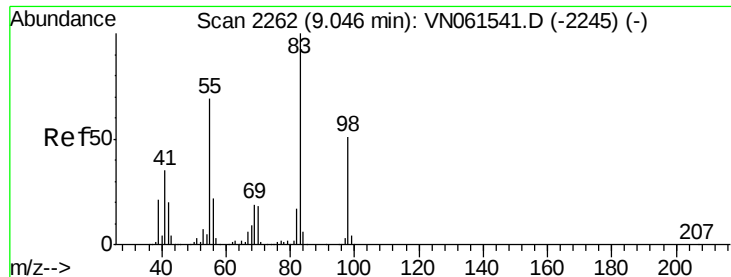
Tot Ion: 75 Resp: 17894  
 Ion Ratio Lower Upper  
 75 100  
 110 9.7 19.5 58.5#  
 77 0.0 24.7 37.1#



#38  
 Carbon Tetrachloride  
 Concen: 0.510 ug/l  
 RT: 7.73 min Scan# 1854  
 Delta R.T. 0.00 min  
 Lab File: VN061802.D  
 Acq: 12 Jun 2020 19:31

Tgt Ion: 117 Resp: 1961  
 Ion Ratio Lower Upper  
 117 100  
 119 82.9 76.5 114.7  
 121 28.1 24.1 36.1

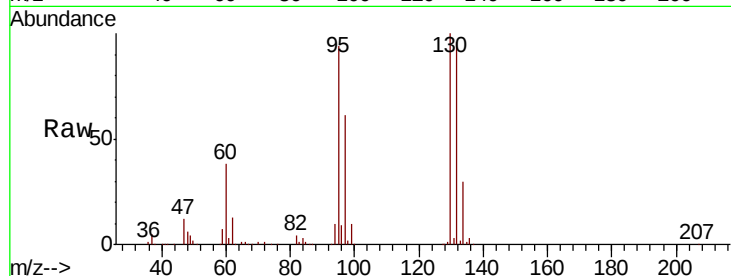




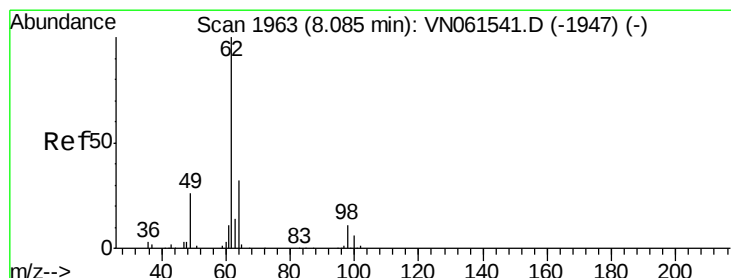
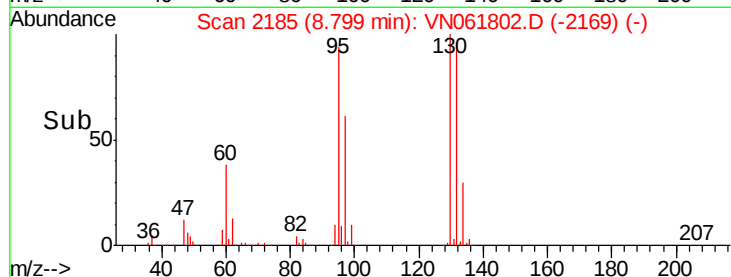
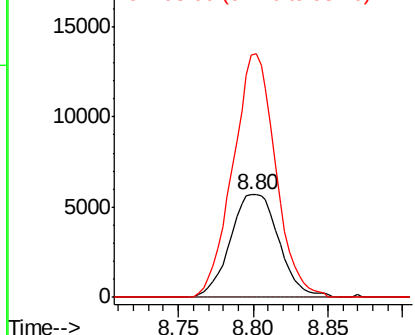
#39  
Methylcyclohexane  
Concen: 2.621 ug/l  
RT: 8.80 min Scan# 2185  
Delta R.T. -0.25 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE125D2-20200609

Tot Ion: 83 Resp: 12870  
Ion Ratio Lower Upper  
83 100  
55 0.0 54.9 82.3#  
98 235.7 41.0 61.4#

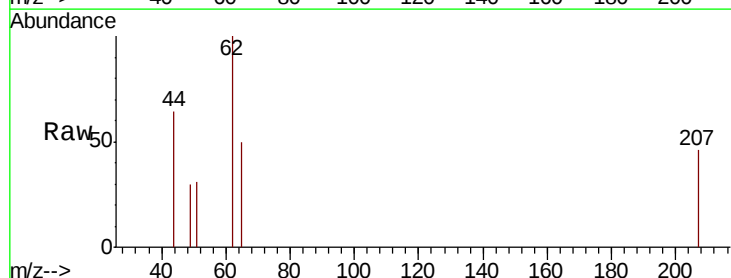


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

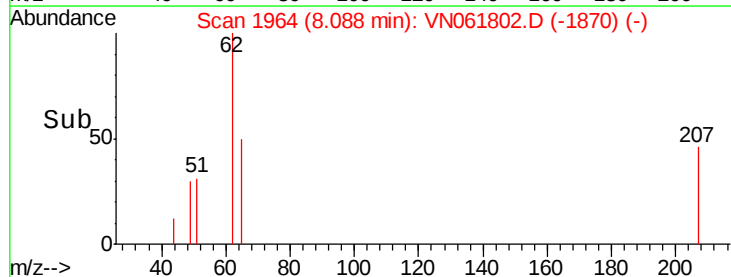
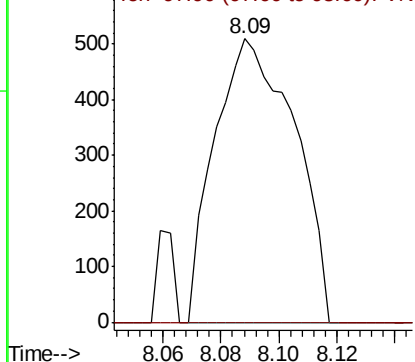


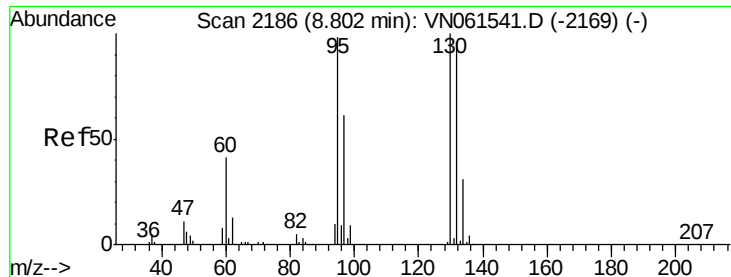
#42  
1,2-Dichloroethane  
Concen: 0.237 ug/l  
RT: 8.09 min Scan# 1964  
Delta R.T. 0.00 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

Tgt Ion: 62 Resp: 977  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#44

Trichloroethene

Concen: 307.880 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

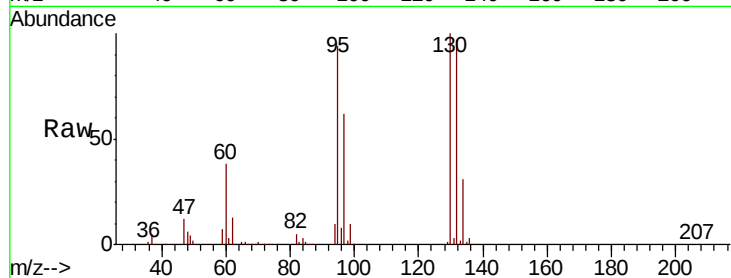
RE125D2-20200609

Tot Ion:130 Resp: 1163055

Ion Ratio Lower Upper

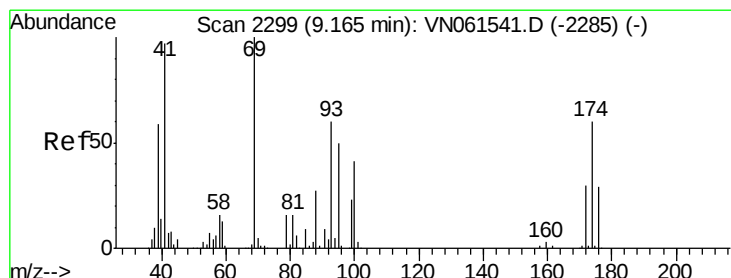
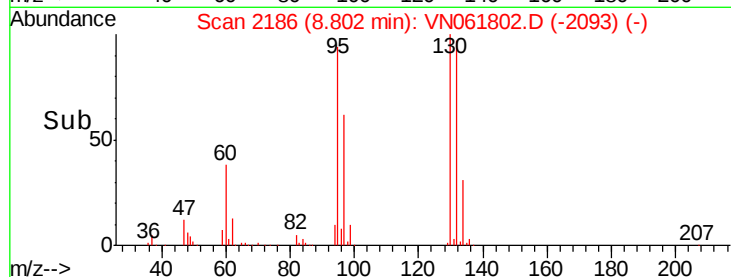
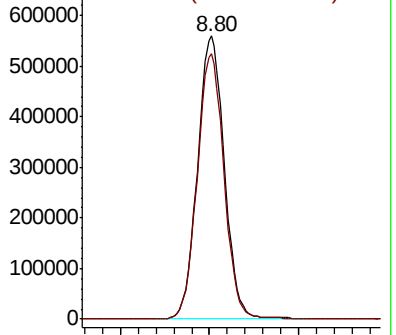
130 100

95 93.8 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#49

1,4-Dioxane

Concen: 34.968 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. 0.01 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

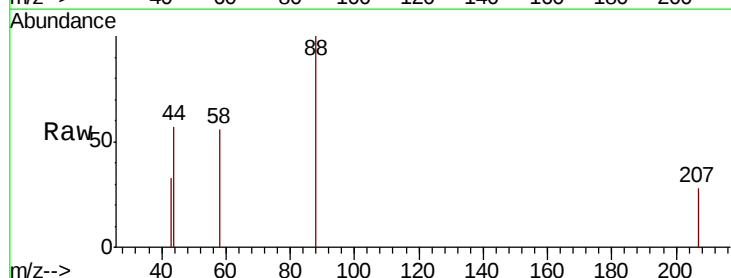
Tgt Ion: 88 Resp: 1407

Ion Ratio Lower Upper

88 100

43 21.1 23.1 34.7#

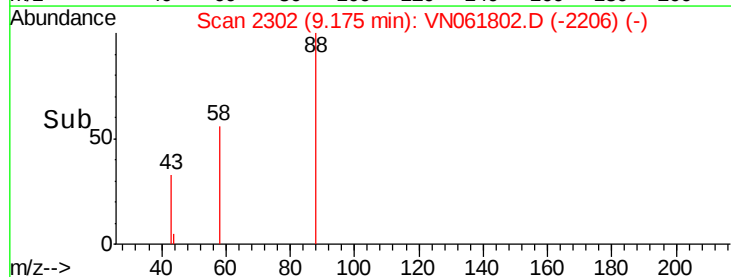
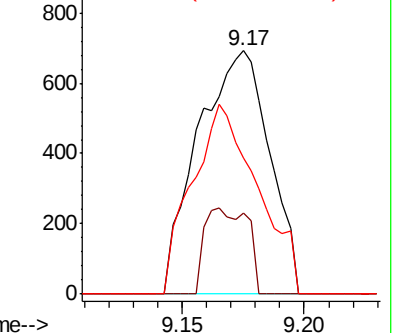
58 71.6 48.3 72.5

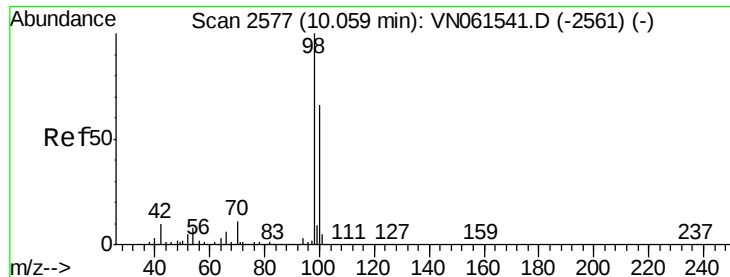


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 52.697 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

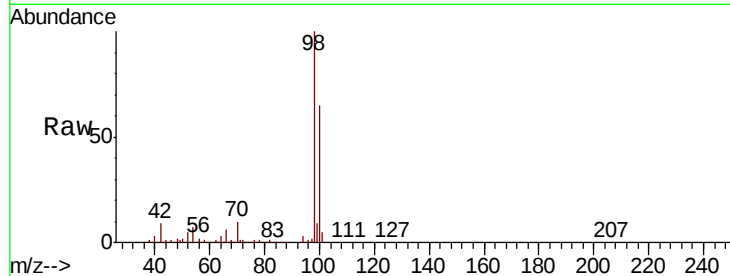
RE125D2-20200609

Tot Ion: 98 Resp: 557484

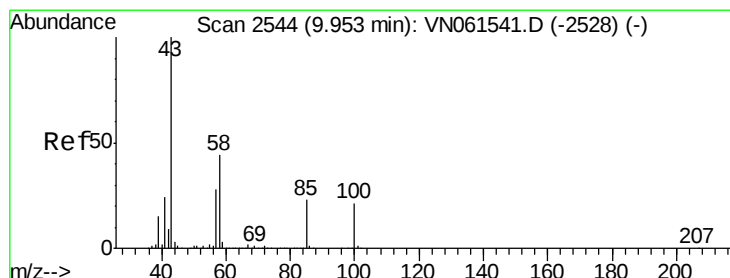
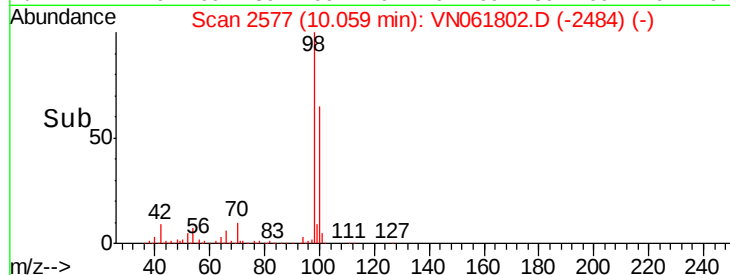
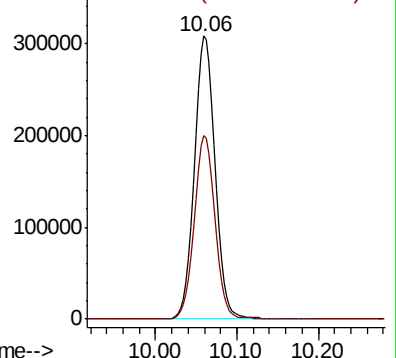
Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061802.D

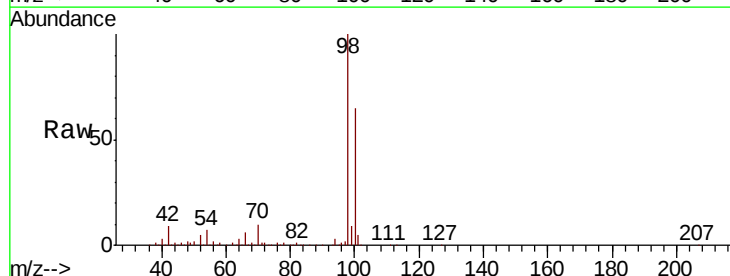
Acq: 12 Jun 2020 19:31

Tgt Ion: 43 Resp: 2040

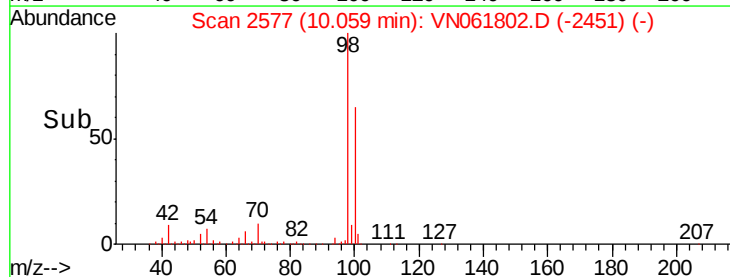
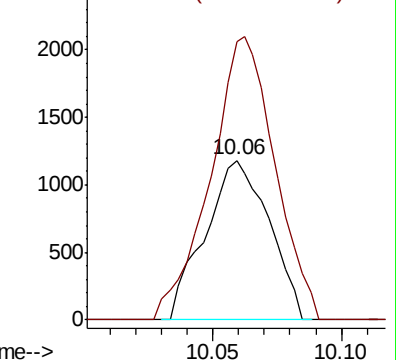
Ion Ratio Lower Upper

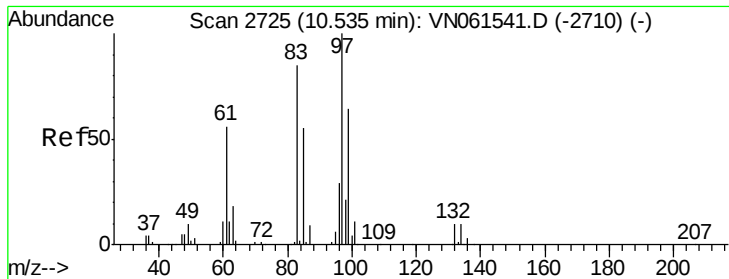
43 100

58 178.9 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

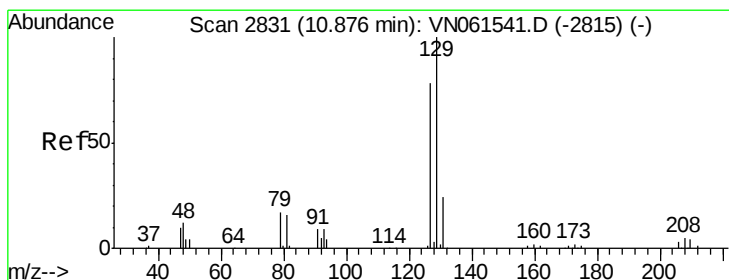
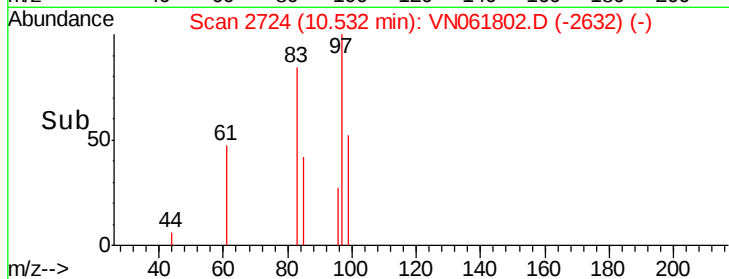
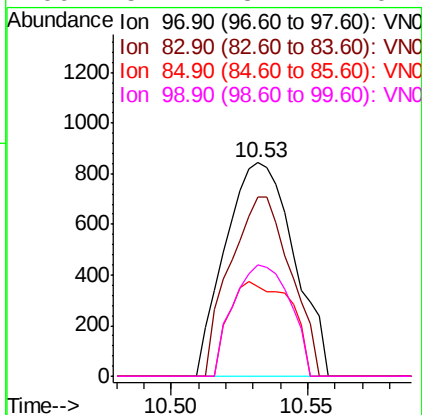
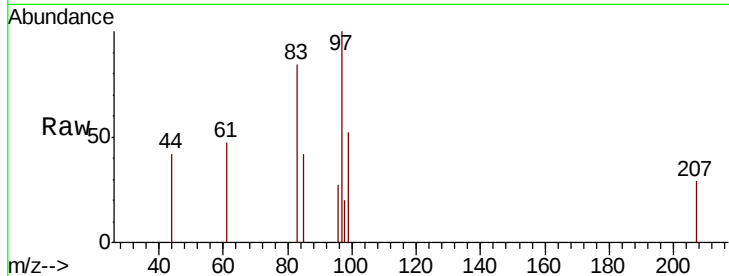




#55  
 1,1,2-Trichloroethane  
 Concen: 0.460 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN061802.D  
 Acq: 12 Jun 2020 19:31

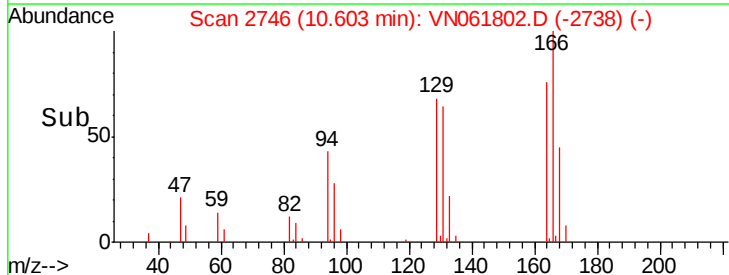
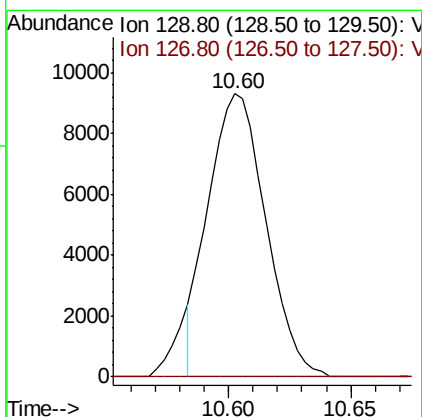
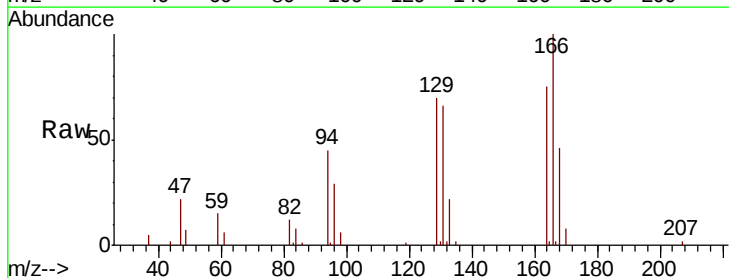
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE125D2-20200609

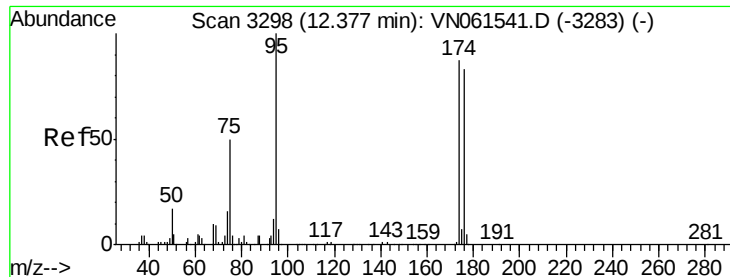
Tot Ion: 97 Resp: 1470  
 Ion Ratio Lower Upper  
 97 100  
 83 84.0 68.1 102.1  
 85 42.2 44.1 66.1#  
 99 52.1 51.1 76.7



#60  
 Dibromochloromethane  
 Concen: 4.195 ug/l  
 RT: 10.60 min Scan# 2746  
 Delta R.T. -0.27 min  
 Lab File: VN061802.D  
 Acq: 12 Jun 2020 19:31

Tgt Ion: 129 Resp: 15242  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 38.8 116.3#

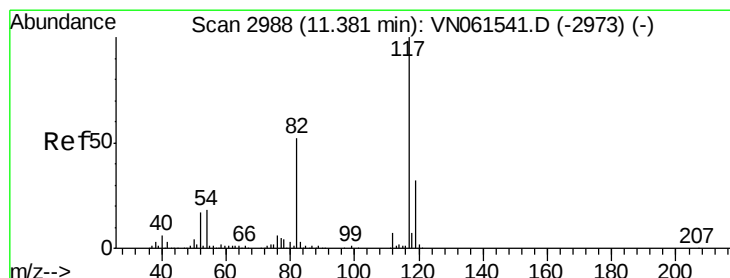
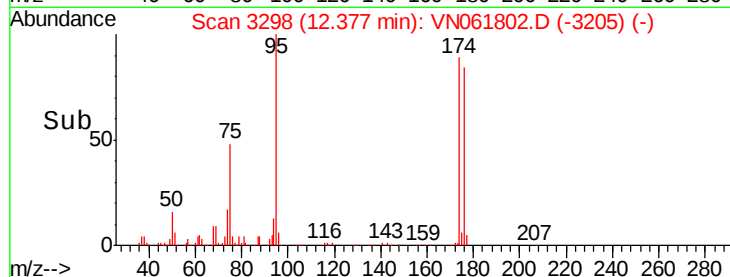
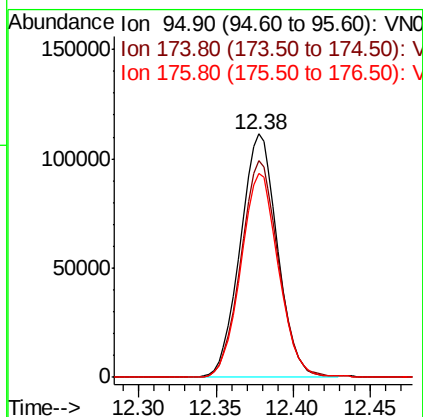
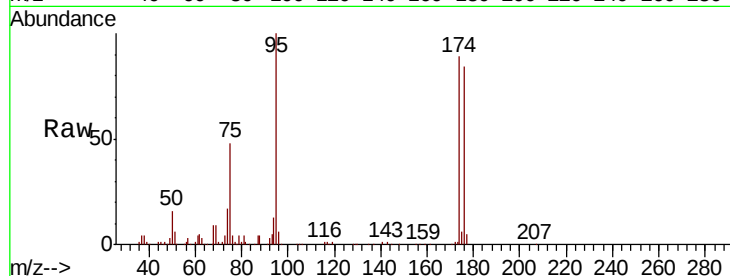




#62  
4-Bromofluorobenzene  
Concen: 48.427 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

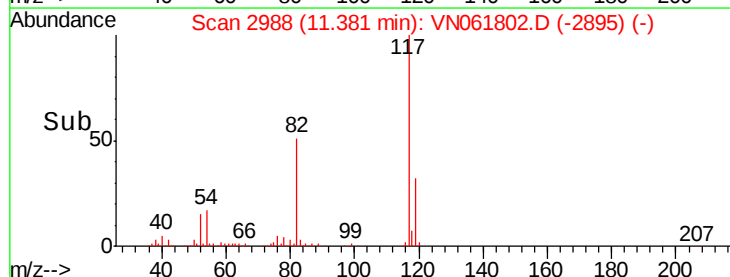
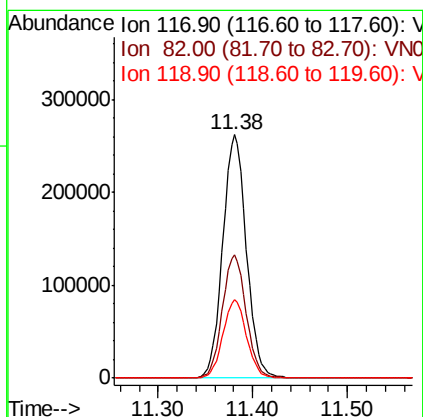
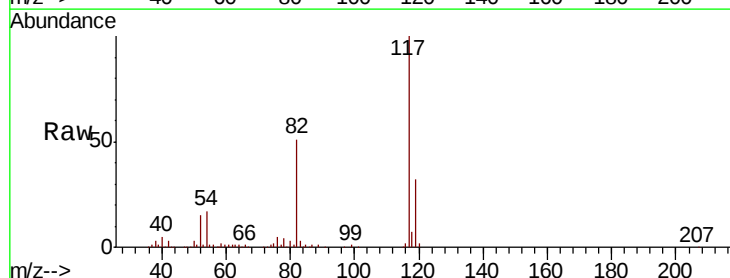
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE125D2-20200609

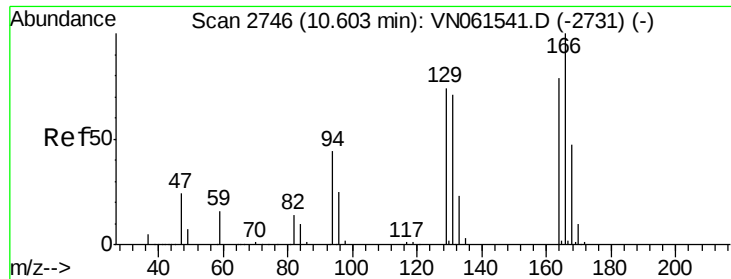
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 90.1  | 0.0   | 172.8 |
| 176     | 85.0  | 0.0   | 164.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN061802.D  
Acq: 12 Jun 2020 19:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.5  | 41.5  | 62.3  |
| 119     | 32.3  | 25.6  | 38.4  |





#64

Tetrachloroethene

Concen: 4.253 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

RE125D2-20200609

Tot Ion:164 Resp: 18276

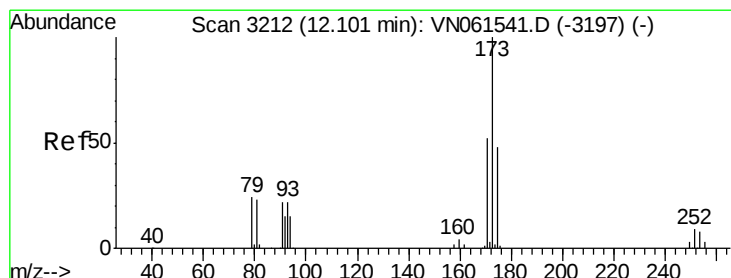
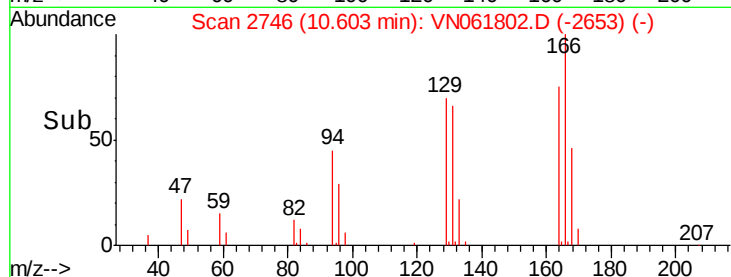
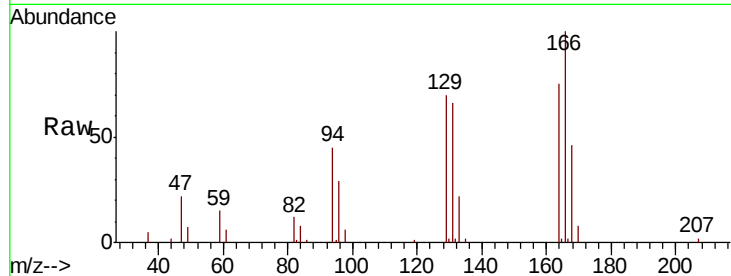
Ion Ratio Lower Upper

164 100

166 132.9 101.5 152.3

129 92.7 74.9 112.3

131 87.2 72.2 108.2



#71

Bromoform

Concen: 0.605 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

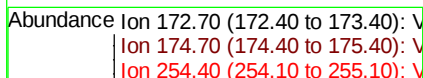
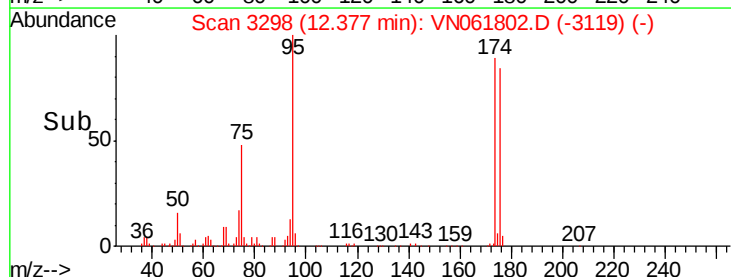
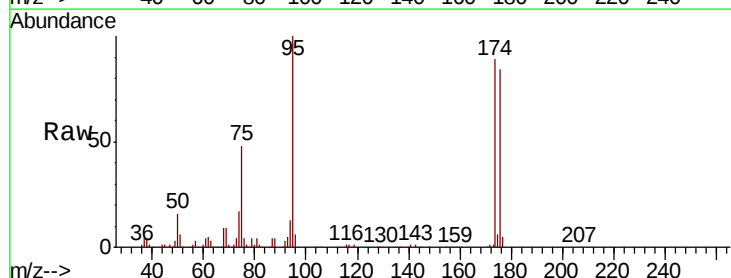
Tgt Ion:173 Resp: 1646

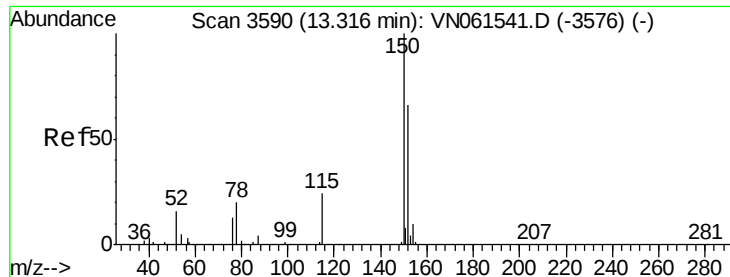
Ion Ratio Lower Upper

173 100

175 599.2 24.4 73.2#

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: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

RE125D2-20200609

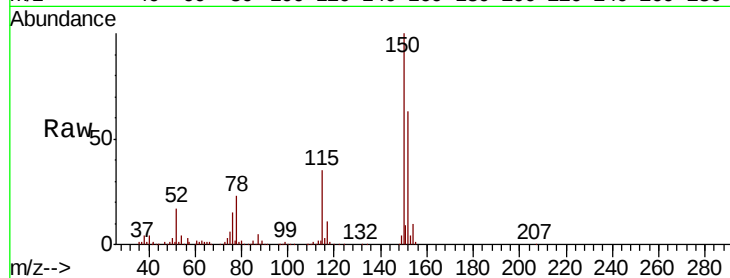
Tot Ion:152 Resp: 199222

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

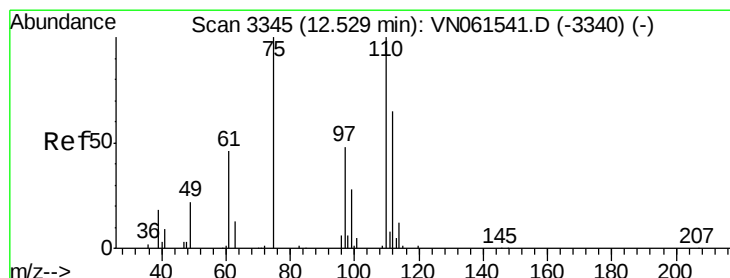
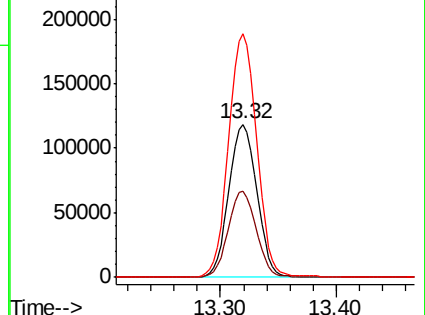
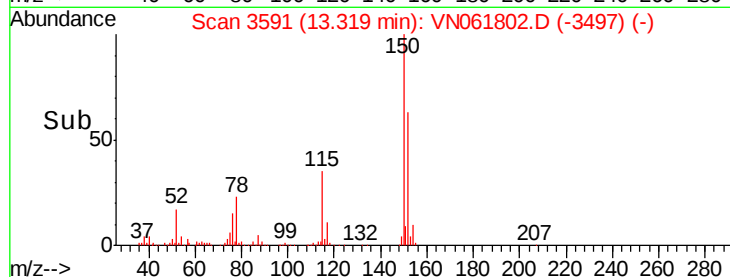
150 158.5 0.0 344.0



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



#76

1,2,3-Trichloropropane

Concen: 25.120 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061802.D

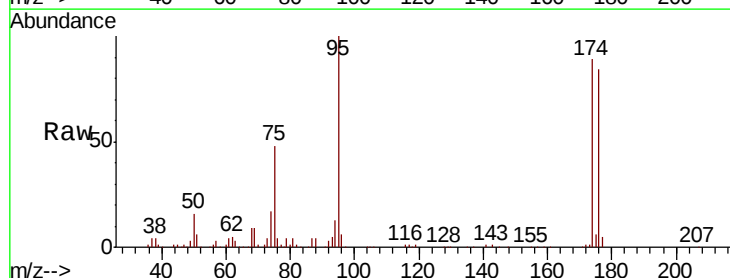
Acq: 12 Jun 2020 19:31

Tgt Ion: 75 Resp: 90999

Ion Ratio Lower Upper

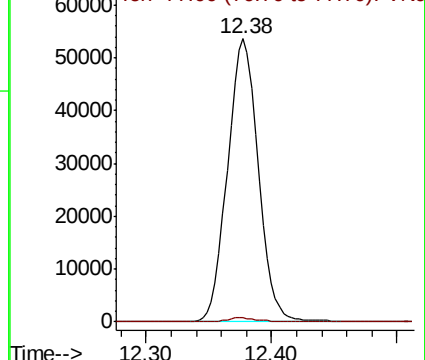
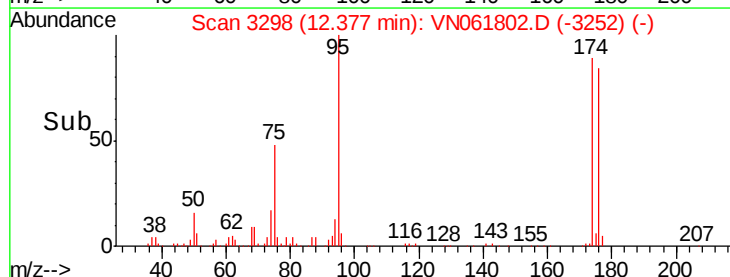
75 100

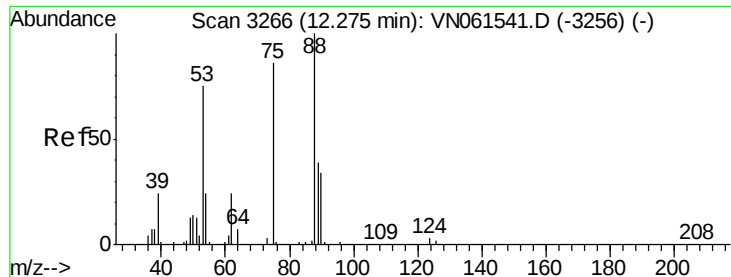
77 1.4 0.0 0.0#



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: 64.238 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061802.D

Acq: 12 Jun 2020 19:31

Instrument :

MSVOA\_N

ClientSampleId :

RE125D2-20200609

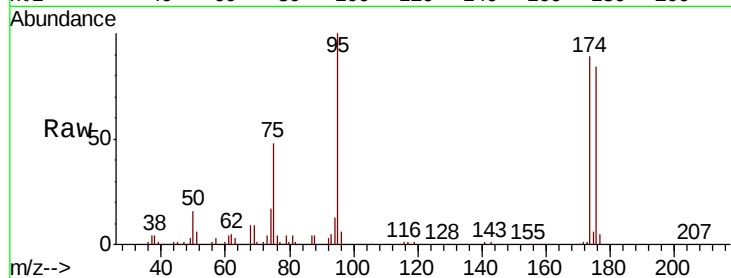
Tot Ion: 75 Resp: 90999

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

