

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\  
 Data File : VN061789.D  
 Acq On : 12 Jun 2020 14:27  
 Operator : JC/MD  
 Sample : L2988-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE132D1-20200608

Quant Time: Jun 13 05:11:55 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

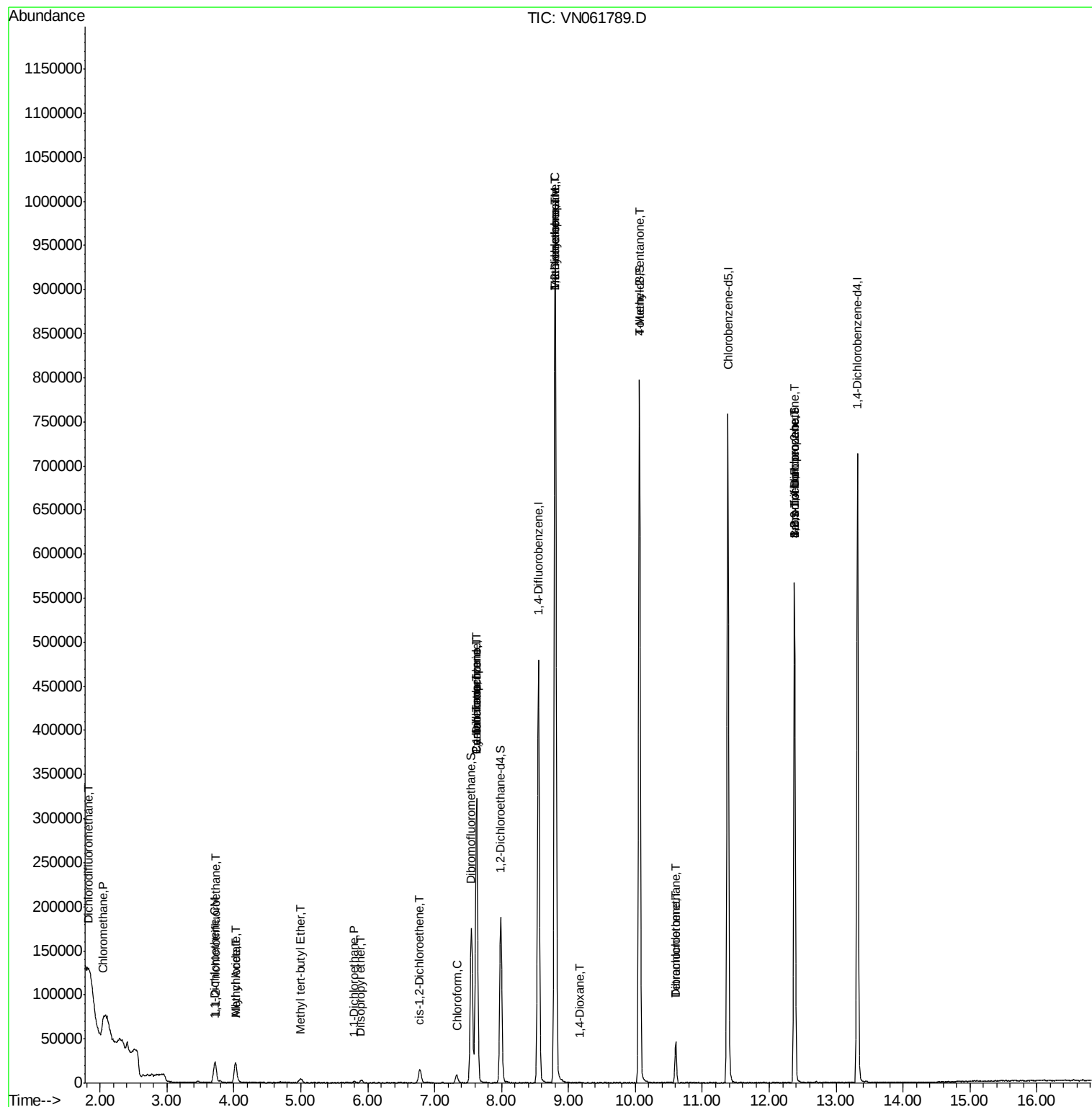
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 7.63   | 168  | 278004   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.55   | 114  | 471852   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.38  | 117  | 473389   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.32  | 152  | 207321   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 7.99   | 65   | 157515   | 47.56     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 95.12%  |          |
| 35) Dibromofluoromethane       | 7.55   | 113  | 140472   | 58.69     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 117.38% |          |
| 50) Toluene-d8                 | 10.06  | 98   | 576743   | 51.99     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 103.98% |          |
| 62) 4-Bromofluorobenzene       | 12.38  | 95   | 196686   | 48.60     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 97.20%  |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 2) Dichlorodifluoromethane     | 1.83   | 85   | 788      | 1.388     | ug/l    | 89       |
| 3) Chloromethane               | 2.04   | 50   | 777      | 0.229     | ug/l    | 98       |
| 9) 1,1,2-Trichlorotrifluoroet  | 3.72   | 101  | 14240    | 5.356     | ug/l    | 96       |
| 12) 1,1-Dichloroethene         | 3.70   | 96   | 2910     | 1.024     | ug/l    | 84       |
| 14) Allyl chloride             | 4.02   | 41   | 3922     | 1.056     | ug/l #  | 75       |
| 16) Acetone                    | 3.79   | 43   | 4068     | Below Cal |         | 95       |
| 18) Methyl Acetate             | 4.02   | 43   | 9458     | 3.154     | ug/l #  | 46       |
| 19) Methyl tert-butyl Ether    | 5.00   | 73   | 9048     | 0.935     | ug/l #  | 88       |
| 20) Methylene Chloride         | 4.50   | 84   | 395      | Below Cal | #       | 36       |
| 22) Diisopropyl ether          | 5.90   | 45   | 3690     | 0.451     | ug/l #  | 83       |
| 24) 1,1-Dichloroethane         | 5.79   | 63   | 1637     | 0.315     | ug/l #  | 81       |
| 27) cis-1,2-Dichloroethene     | 6.79   | 96   | 6824     | 1.881     | ug/l    | 85       |
| 28) Bromochloromethane         | 7.33   | 49   | 650      | Below Cal | #       | 3        |
| 30) Chloroform                 | 7.33   | 83   | 10514    | 1.831     | ug/l    | 95       |
| 31) Cyclohexane                | 7.63   | 56   | 4893     | 1.048     | ug/l #  | 29       |
| 36) 1,1-Dichloropropene        | 7.62   | 75   | 18680    | 4.472     | ug/l #  | 48       |
| 38) Carbon Tetrachloride       | 7.62   | 117  | 25970    | 6.446     | ug/l #  | 18       |
| 39) Methylcyclohexane          | 8.80   | 83   | 4570     | 0.888     | ug/l #  | 1        |
| 44) Trichloroethene            | 8.80   | 130  | 390498   | 98.589    | ug/l    | 96       |
| 45) 1,2-Dichloropropane        | 8.80   | 63   | 796      | 0.260     | ug/l #  | 1        |
| 49) 1,4-Dioxane                | 9.17   | 88   | 383      | 9.078     | ug/l #  | 75       |
| 51) 4-Methyl-2-Pentanone       | 10.06  | 43   | 2149     | 0.630     | ug/l #  | 1        |
| 60) Dibromochloromethane       | 10.60  | 129  | 9652     | 2.533     | ug/l #  | 11       |
| 64) Tetrachloroethene          | 10.60  | 164  | 10803    | 2.424     | ug/l    | 95       |
| 71) Bromoform                  | 12.37  | 173  | 1622     | 0.575     | ug/l #  | 1        |
| 76) 1,2,3-Trichloropropane     | 12.38  | 75   | 94804    | 25.148    | ug/l #  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38  | 75   | 94804    | 64.309    | ug/l #  | 15       |

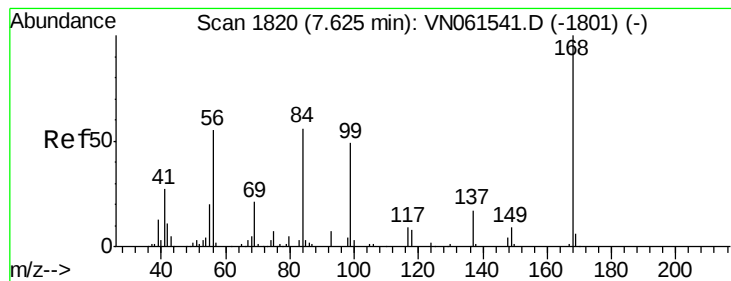
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\  
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Quant Time: Jun 13 05:11:55 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

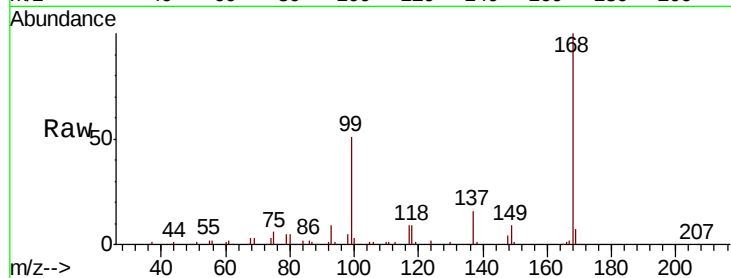
RE132D1-20200608

Tot Ion:168 Resp: 278004

Ion Ratio Lower Upper

168 100

99 51.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

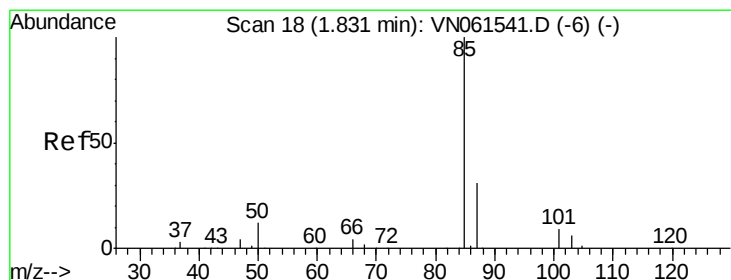
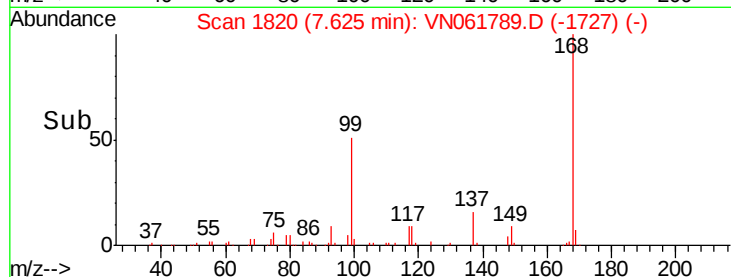
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.388 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN061789.D

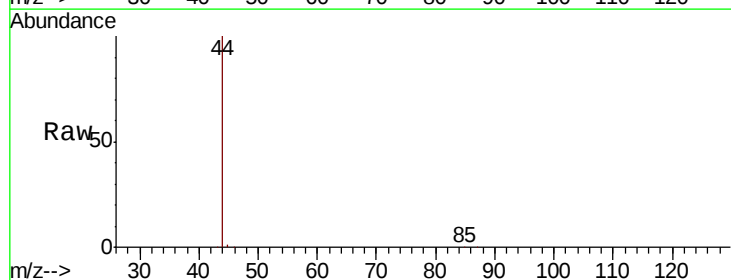
Acq: 12 Jun 2020 14:27

Tgt Ion: 85 Resp: 788

Ion Ratio Lower Upper

85 100

87 37.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

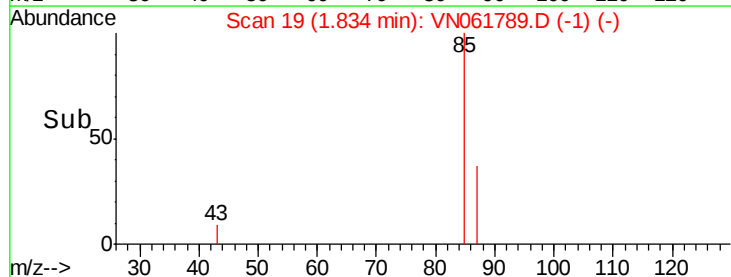
600

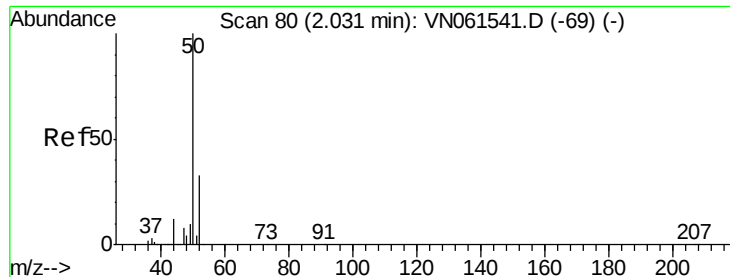
400

200

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.229 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

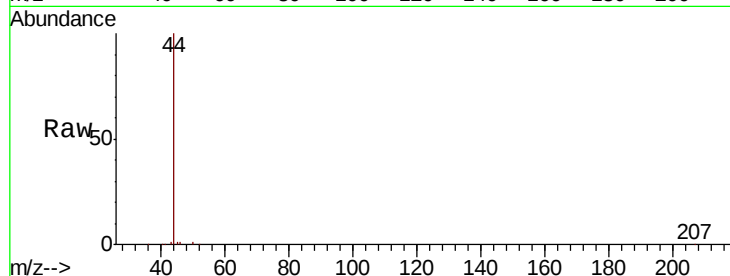
RE132D1-20200608

Tot Ion: 50 Resp: 777

Ion Ratio Lower Upper

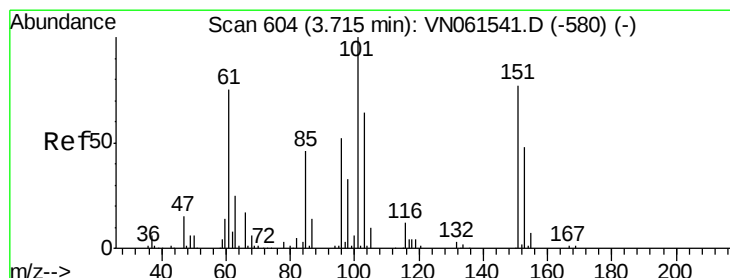
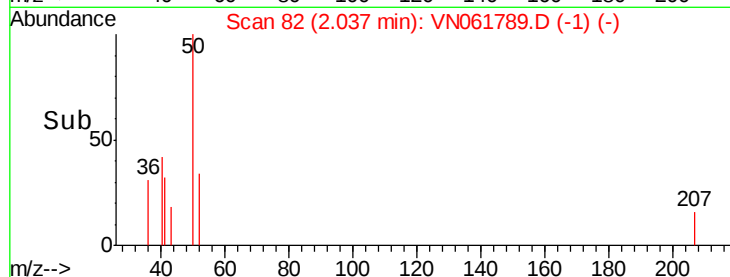
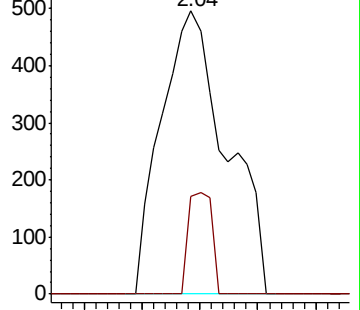
50 100

52 34.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061541.D (-69) (-)

Ion 51.90 (51.60 to 52.60): VN061541.D (-69) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.356 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.01 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

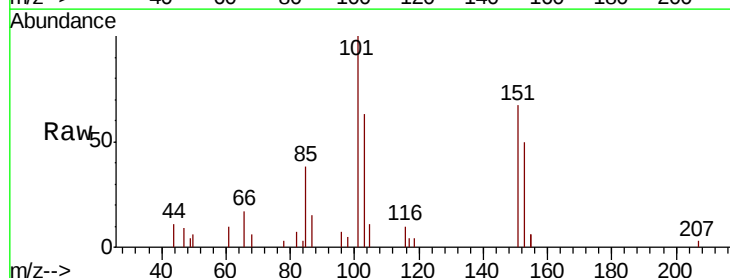
Tgt Ion: 101 Resp: 14240

Ion Ratio Lower Upper

101 100

85 42.9 35.2 52.8

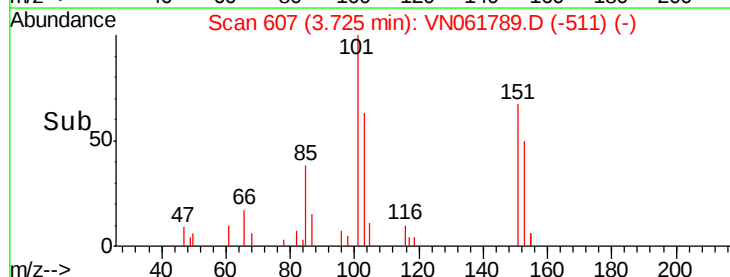
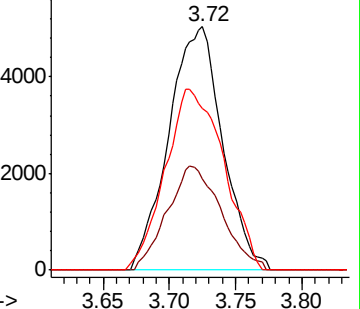
151 80.9 61.0 91.6

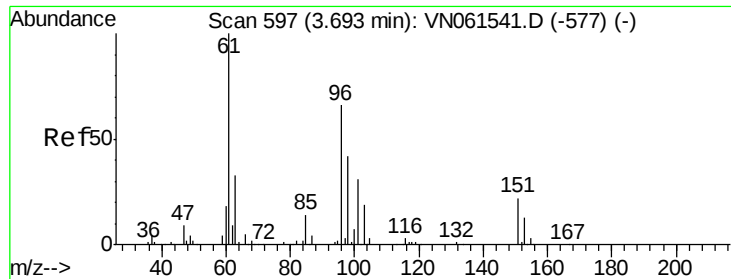


Abundance Ion 100.90 (100.60 to 101.60): VN061541.D (-580) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-580) (-)

Ion 150.80 (150.50 to 151.50): VN061541.D (-580) (-)





#12

1,1-Dichloroethene

Concen: 1.024 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

RE132D1-20200608

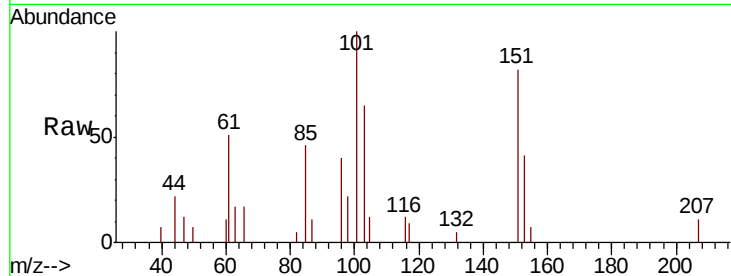
Tot Ion: 96 Resp: 2910

Ion Ratio Lower Upper

96 100

61 127.5 120.5 180.7

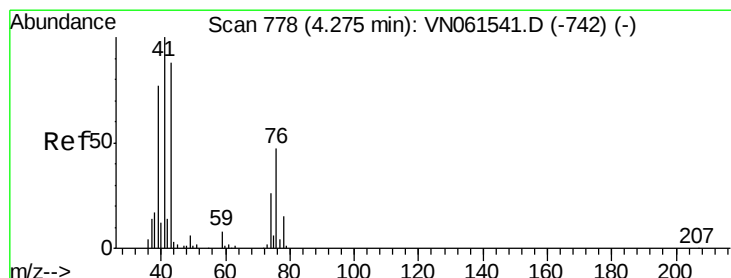
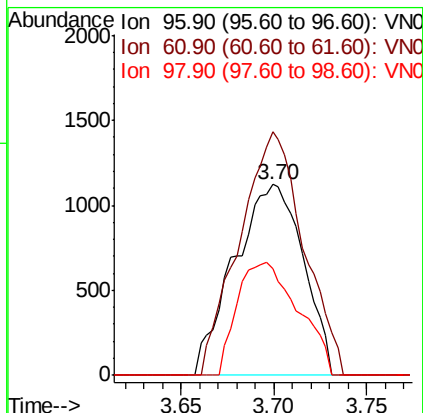
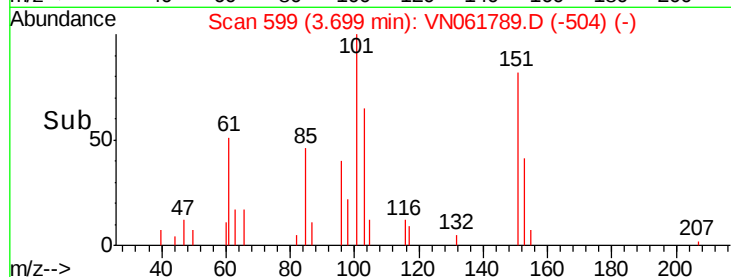
98 55.6 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VN061789.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN061789.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN061789.D (-504) (-)



#14

Allyl chloride

Concen: 1.056 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.25 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

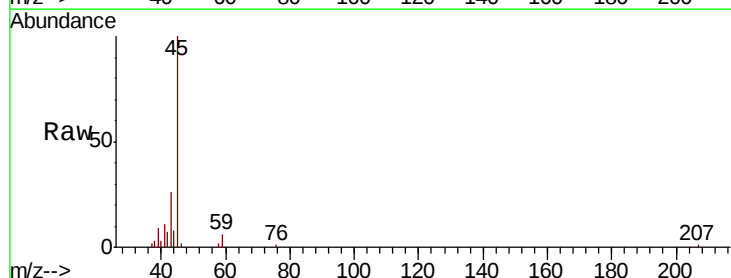
Tgt Ion: 41 Resp: 3922

Ion Ratio Lower Upper

41 100

39 75.8 58.6 88.0

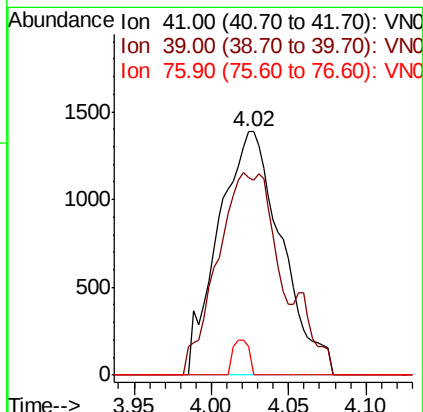
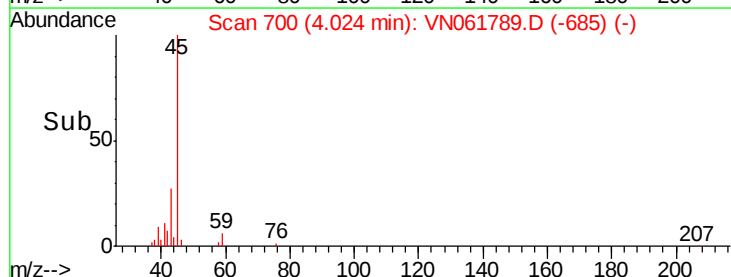
76 3.5 34.2 51.4#

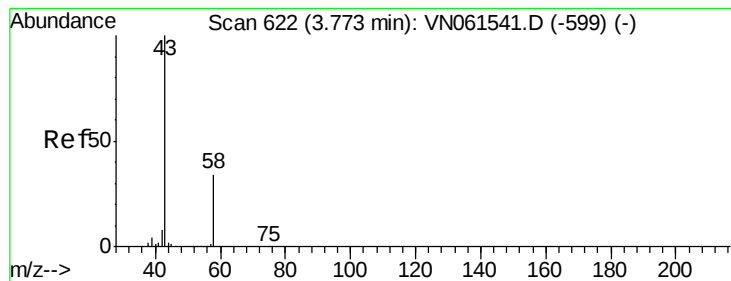


Abundance Ion 41.00 (40.70 to 41.70): VN061789.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061789.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061789.D (-685) (-)





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.02 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

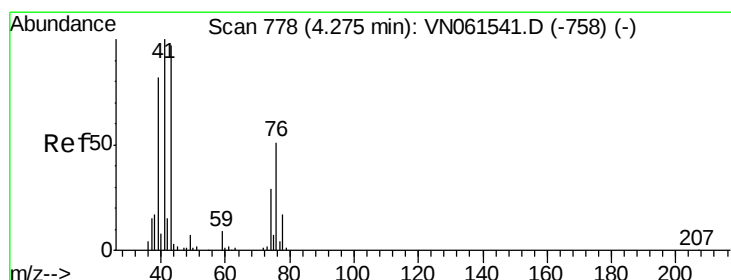
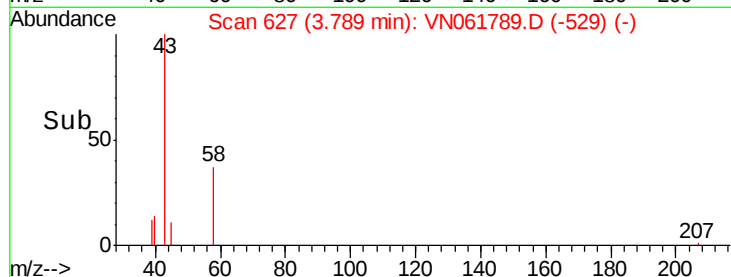
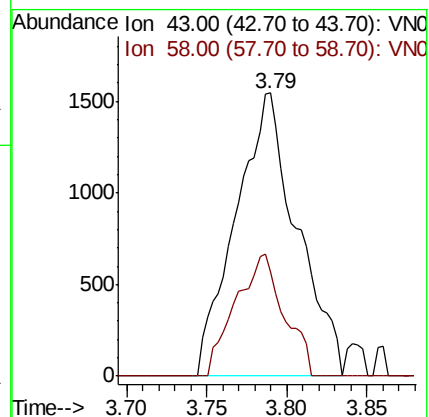
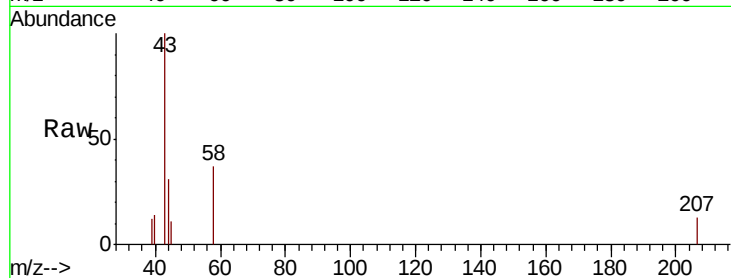
RE132D1-20200608

Tot Ion: 43 Resp: 4068

Ion Ratio Lower Upper

43 100

58 37.0 27.2 40.8



#18

Methyl Acetate

Concen: 3.154 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.25 min

Lab File: VN061789.D

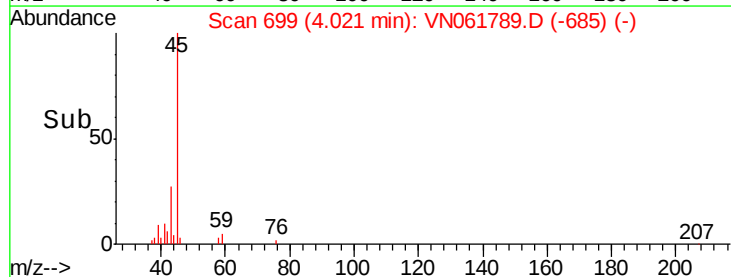
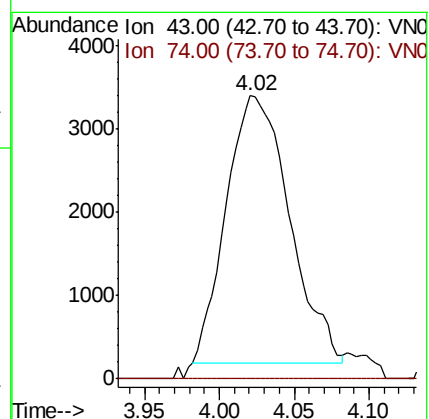
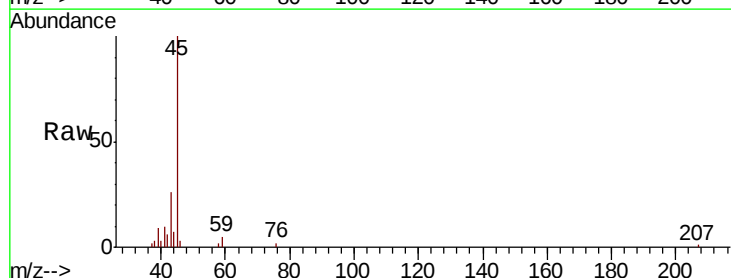
Acq: 12 Jun 2020 14:27

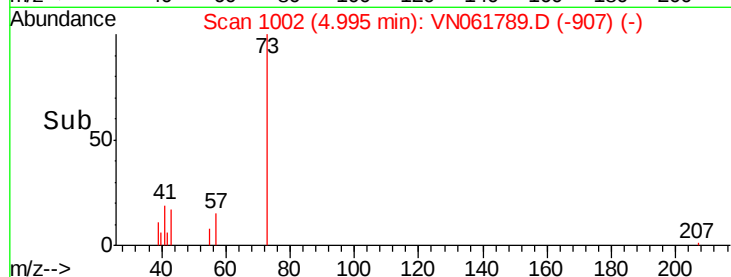
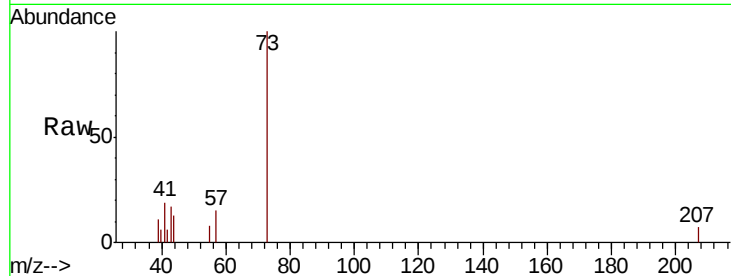
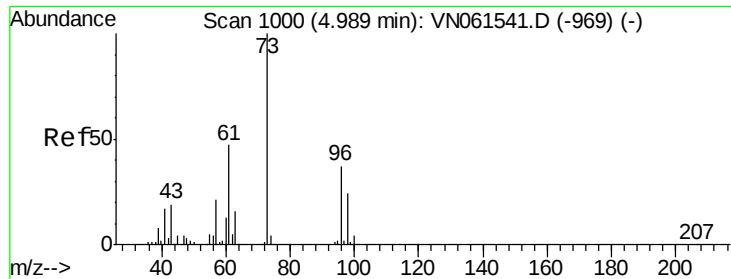
Tgt Ion: 43 Resp: 9458

Ion Ratio Lower Upper

43 100

74 0.0 23.2 34.8#

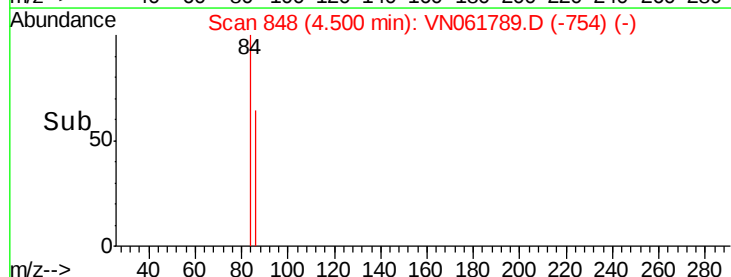
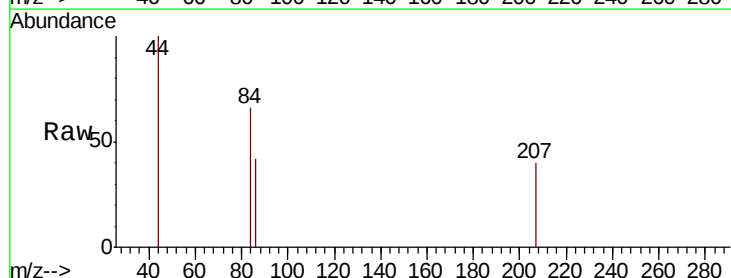
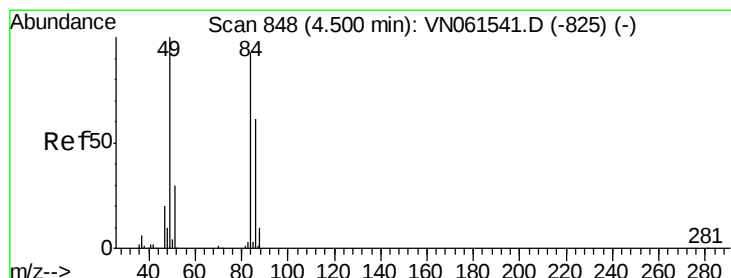
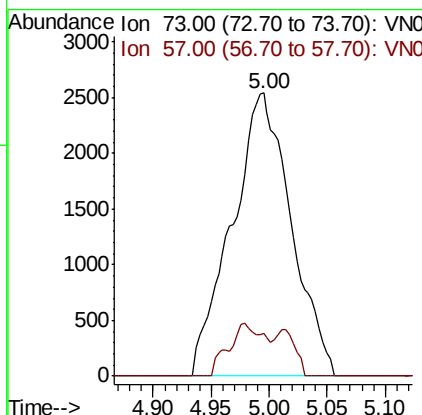




#19  
Methvl tert-butvl Ether  
Concen: 0.935 ug/l  
RT: 5.00 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: VN061789.D  
Acq: 12 Jun 2020 14:27

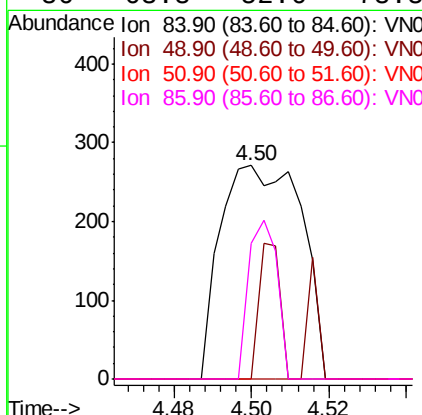
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE132D1-20200608

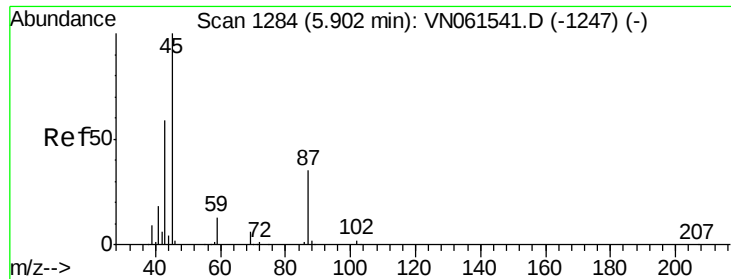
Tot Ion: 73 Resp: 9048  
Ion Ratio Lower Upper  
73 100  
57 14.9 16.4 24.6#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.50 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: VN061789.D  
Acq: 12 Jun 2020 14:27

Tgt Ion: 84 Resp: 395  
Ion Ratio Lower Upper  
84 100  
49 0.0 85.8 128.8#  
51 0.0 26.2 39.2#  
86 63.8 52.6 78.8





#22

Diisopropyl ether

Concen: 0.451 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

RE132D1-20200608

Tot Ion: 45 Resp: 3690

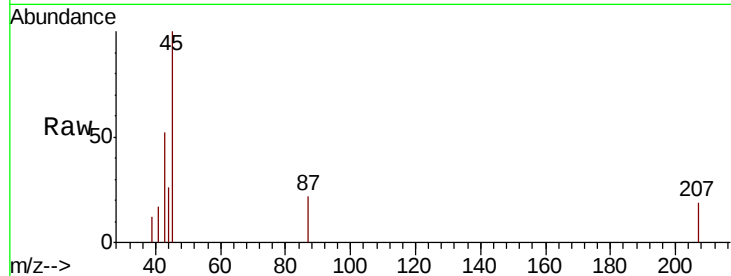
Ion Ratio Lower Upper

45 100

43 51.8 47.9 71.9

87 22.1 28.4 42.6#

59 0.0 10.5 15.7#

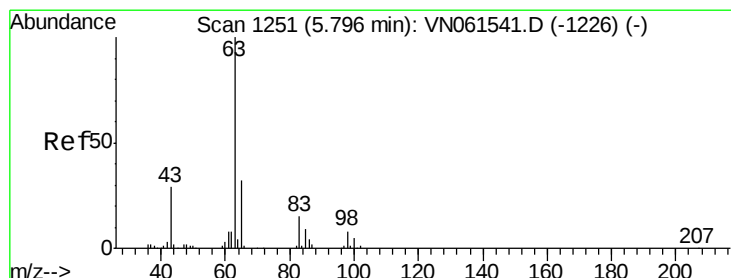
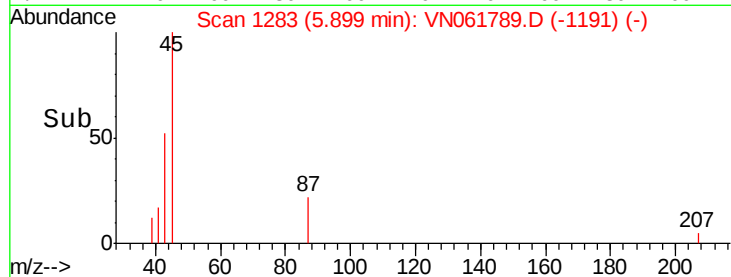
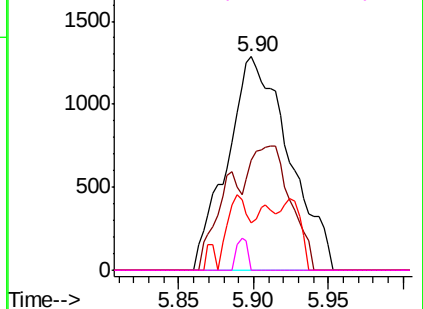


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#24

1,1-Dichloroethane

Concen: 0.315 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

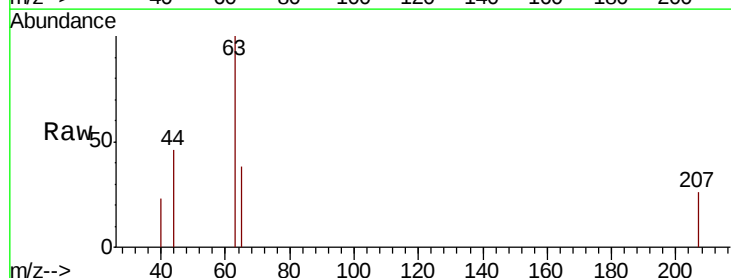
Tgt Ion: 63 Resp: 1637

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.4#

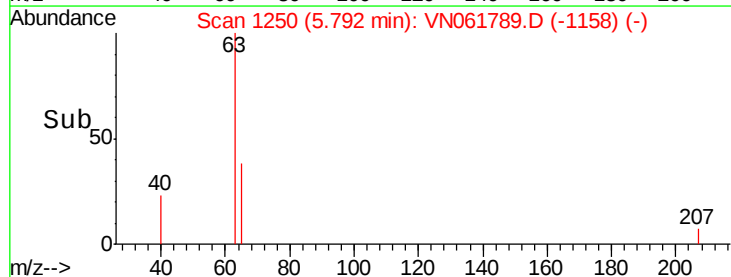
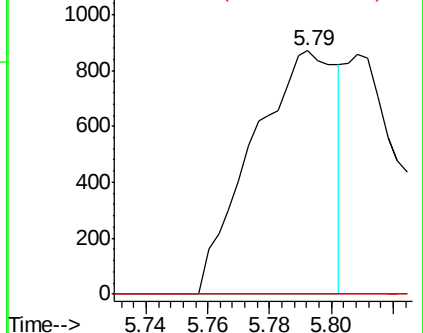
100 0.0 2.5 7.6#

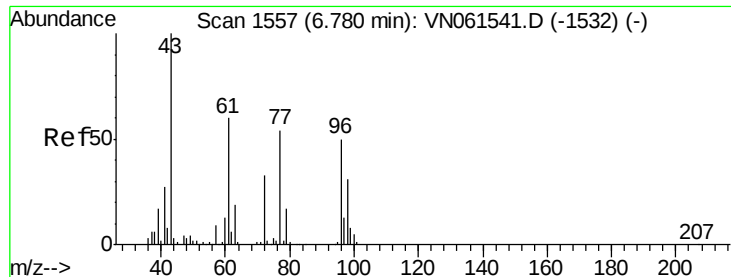


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 1.881 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

RE132D1-20200608

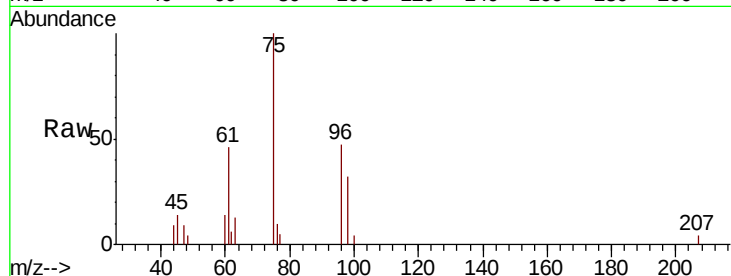
Tot Ion: 96 Resp: 6824

Ion Ratio Lower Upper

96 100

61 103.1 0.0 252.2

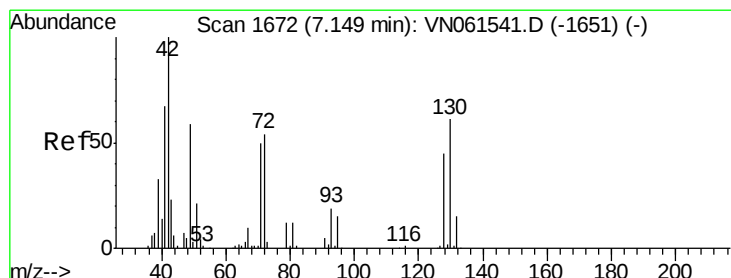
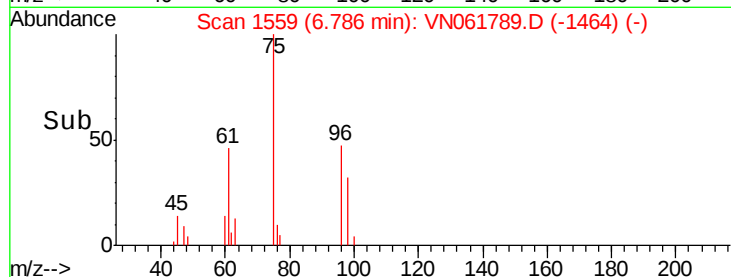
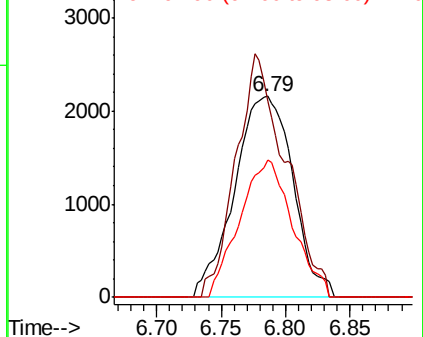
98 61.7 0.0 129.2



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



#28

Bromochloromethane

Concen: Below Cal

RT: 7.33 min Scan# 1729

Delta R.T. 0.18 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

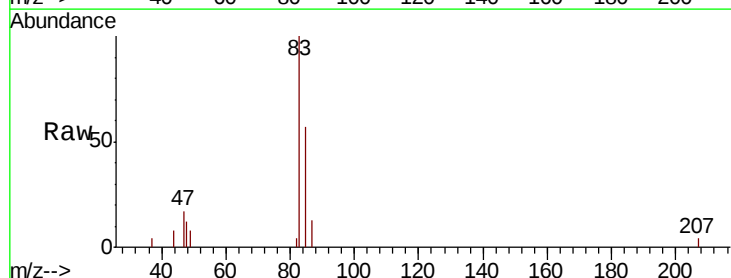
Tgt Ion: 49 Resp: 650

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

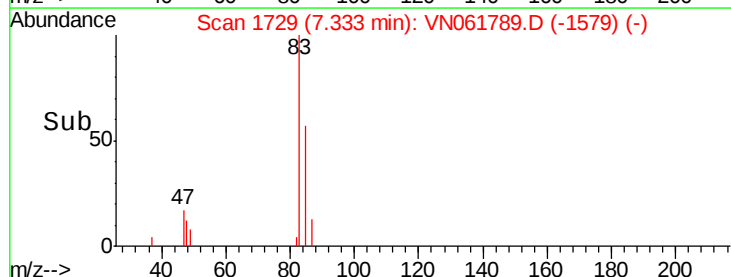
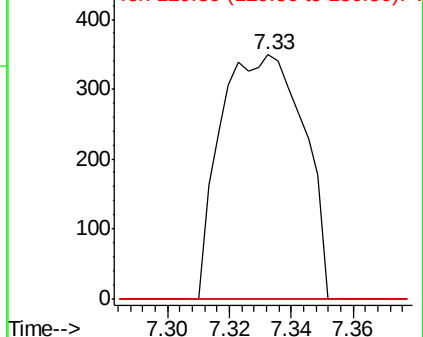
130 0.0 78.8 118.2#

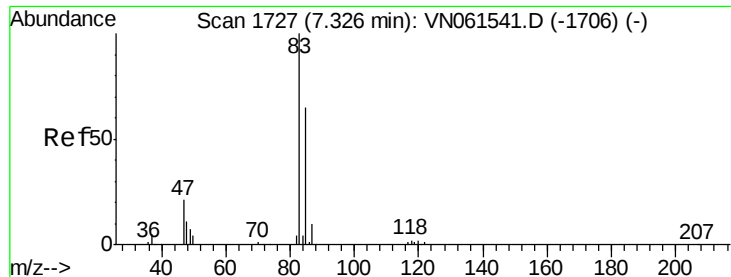


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

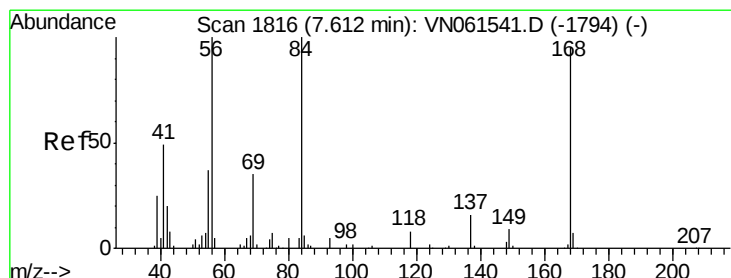
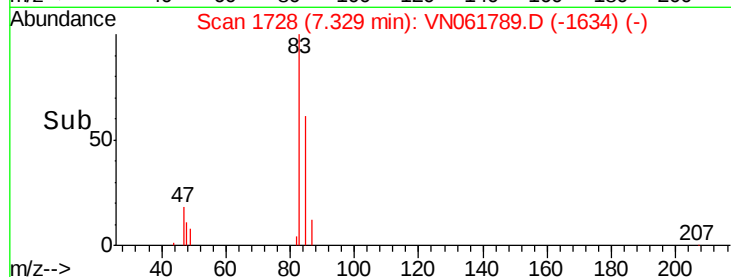
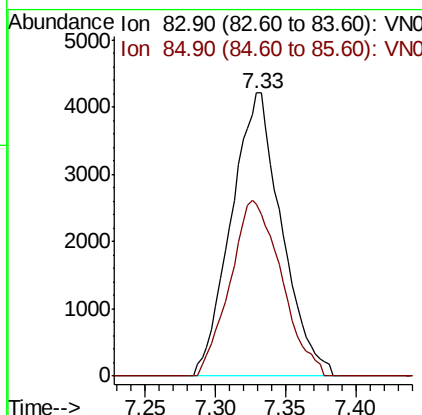
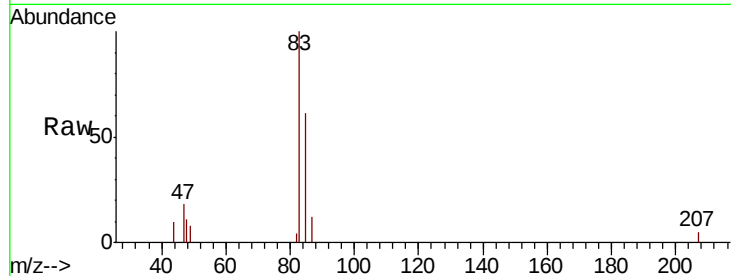




#30  
Chloroform  
Concen: 1.831 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN061789.D  
Acq: 12 Jun 2020 14:27

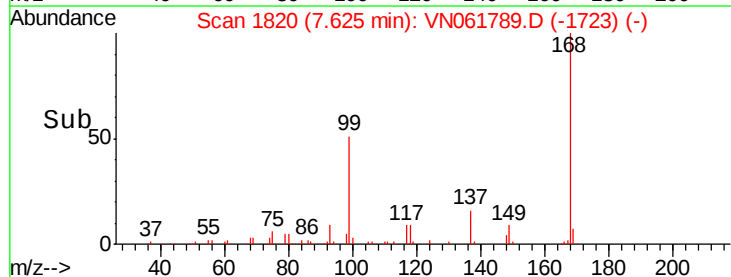
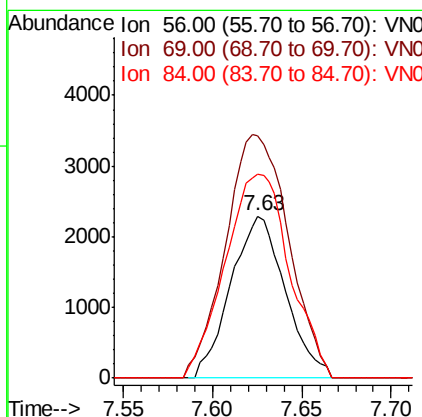
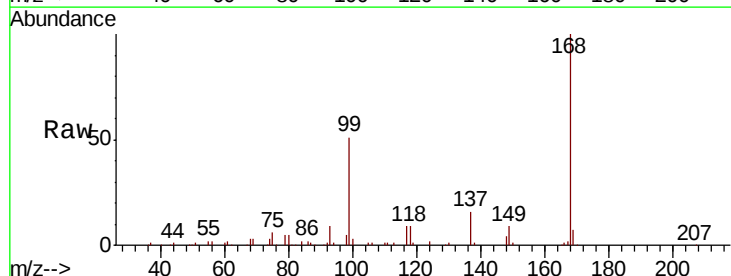
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE132D1-20200608

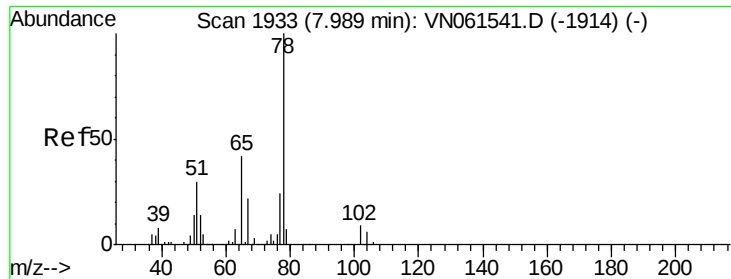
Tot Ion: 83 Resp: 10514  
Ion Ratio Lower Upper  
83 100  
85 61.0 51.7 77.5



#31  
Cyclohexane  
Concen: 1.048 ug/l  
RT: 7.63 min Scan# 1820  
Delta R.T. 0.01 min  
Lab File: VN061789.D  
Acq: 12 Jun 2020 14:27

Tgt Ion: 56 Resp: 4893  
Ion Ratio Lower Upper  
56 100  
69 149.5 27.8 41.8#  
84 126.0 79.9 119.9#

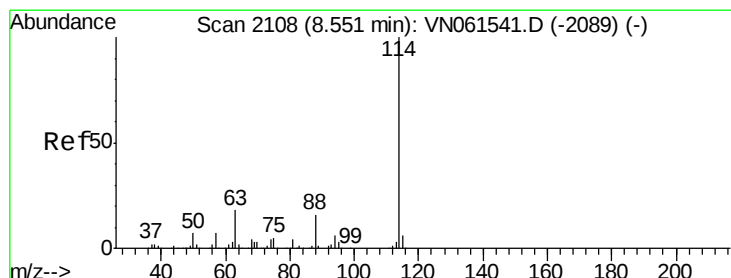
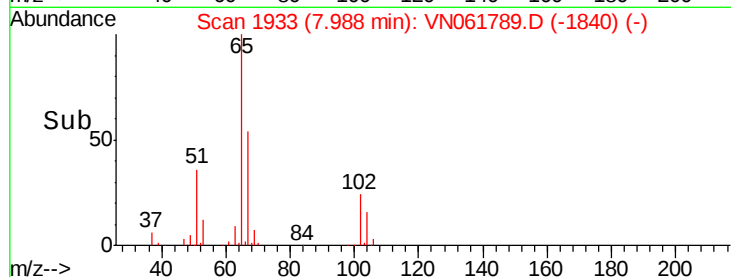
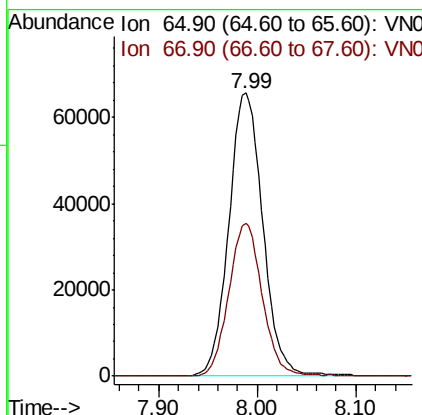
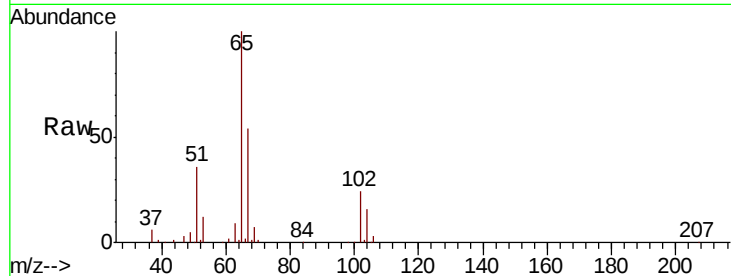




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.555 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: VN061789.D  
 Acq: 12 Jun 2020 14:27

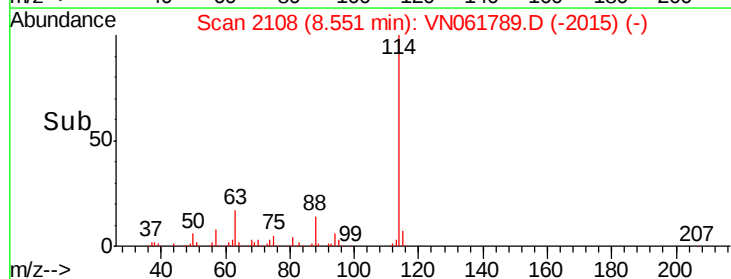
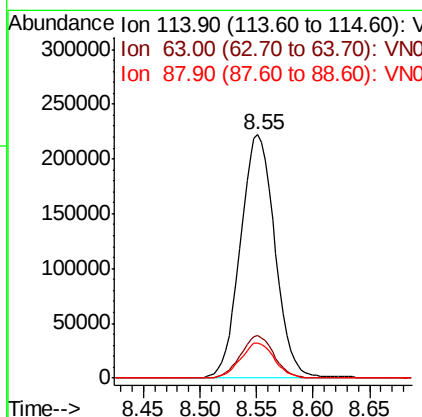
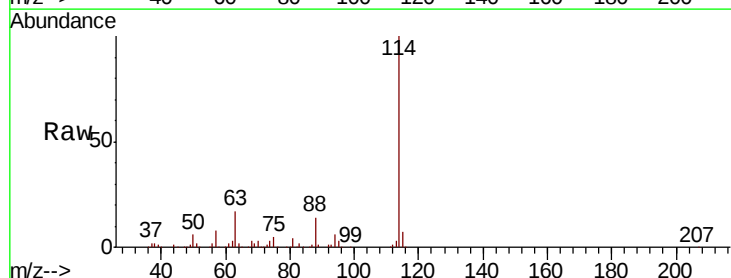
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE132D1-20200608

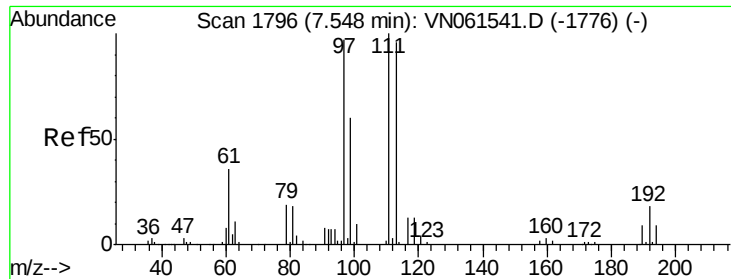
Tot Ion: 65 Resp: 157515  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN061789.D  
 Acq: 12 Jun 2020 14:27

Tgt Ion: 114 Resp: 471852  
 Ion Ratio Lower Upper  
 114 100  
 63 17.4 0.0 35.8  
 88 14.4 0.0 31.0

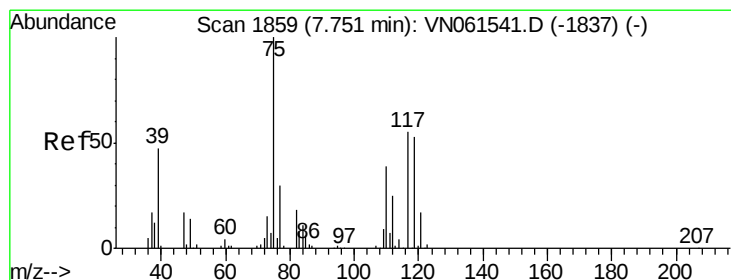
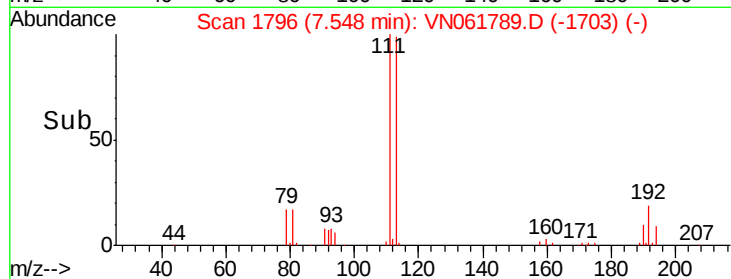
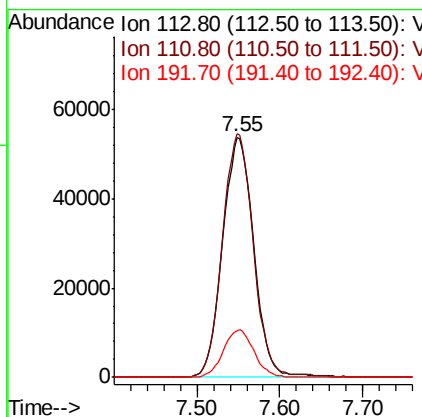
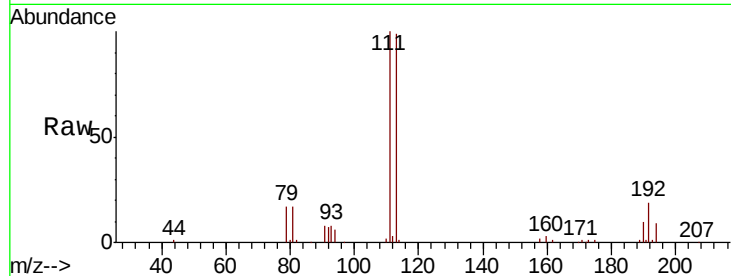




#35  
 Dibromofluoromethane  
 Concen: 58.686 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN061789.D  
 Acq: 12 Jun 2020 14:27

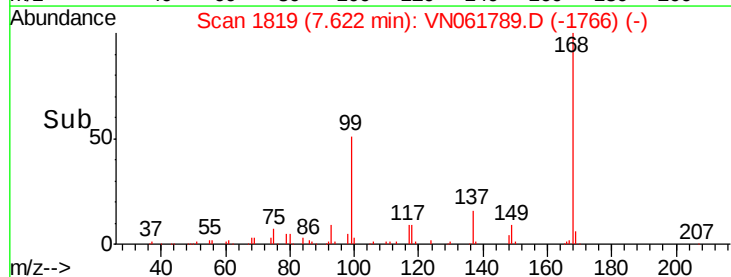
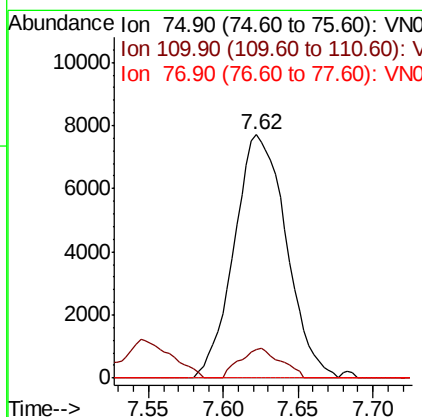
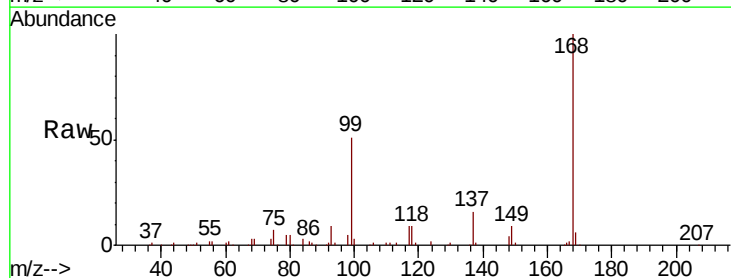
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE132D1-20200608

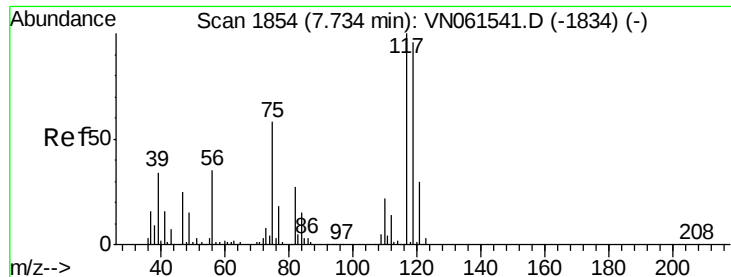
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.9  | 83.4  | 125.0 |
| 192     | 19.5  | 15.4  | 23.2  |



#36  
 1,1-Dichloropropene  
 Concen: 4.472 ug/l  
 RT: 7.62 min Scan# 1819  
 Delta R.T. -0.13 min  
 Lab File: VN061789.D  
 Acq: 12 Jun 2020 14:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.5   | 19.5  | 58.5# |
| 77      | 0.0   | 24.7  | 37.1# |





#38

Carbon Tetrachloride

Concen: 6.446 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

RE132D1-20200608

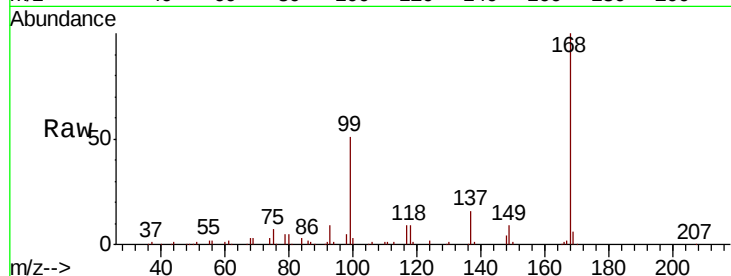
Tot Ion:117 Resp: 25970

Ion Ratio Lower Upper

117 100

119 8.0 76.5 114.7#

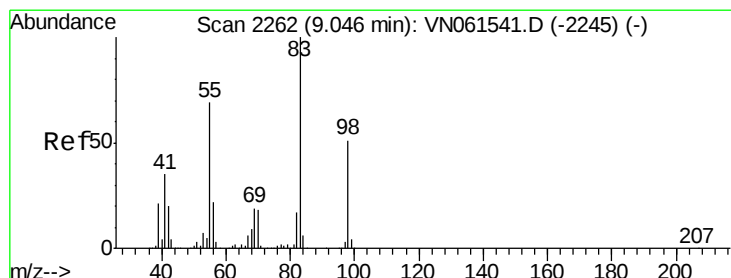
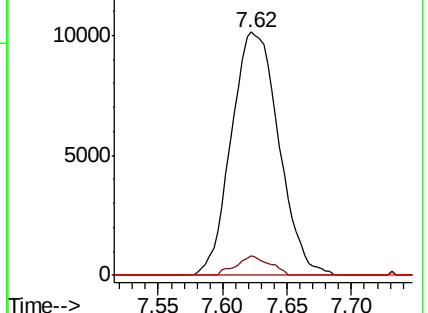
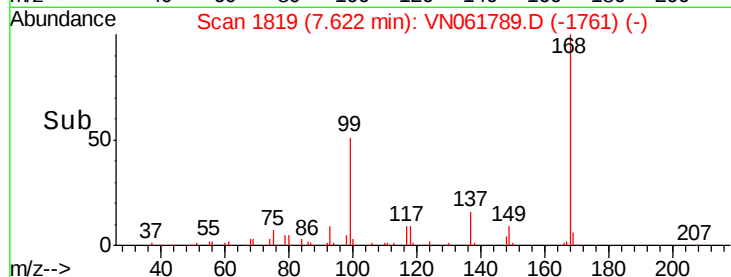
121 0.0 24.1 36.1#



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



#39

Methylcyclohexane

Concen: 0.888 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.24 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

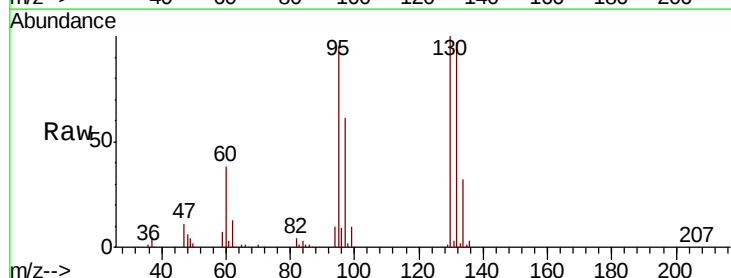
Tgt Ion: 83 Resp: 4570

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

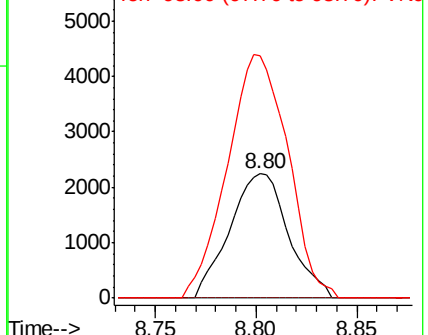
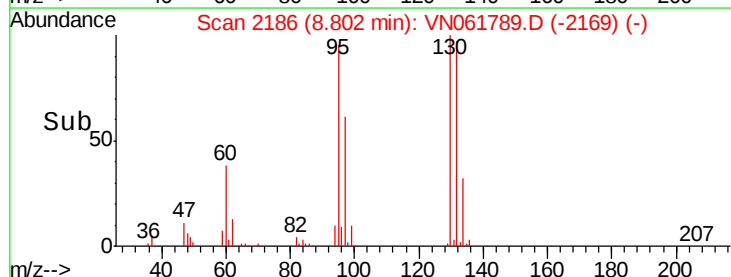
98 195.2 41.0 61.4#

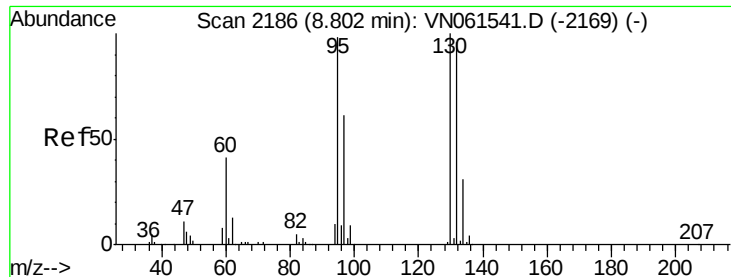


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#44

Trichloroethene

Concen: 98.589 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

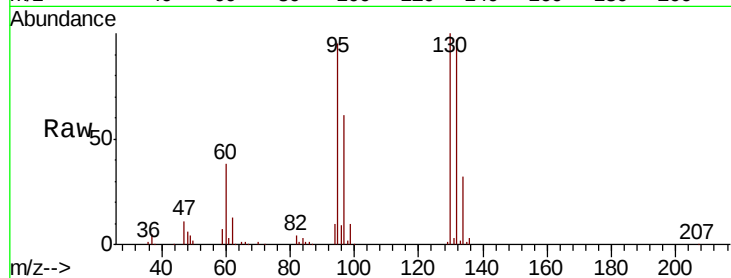
RE132D1-20200608

Tot Ion:130 Resp: 390498

Ion Ratio Lower Upper

130 100

95 94.7 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.80

200000

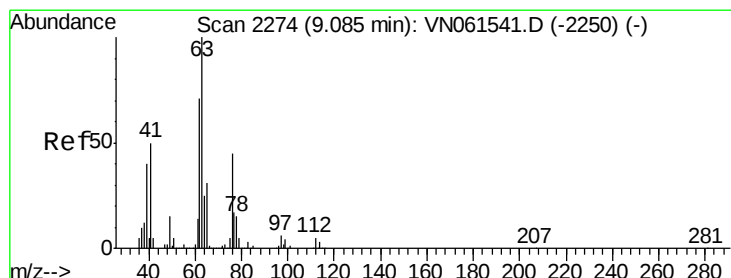
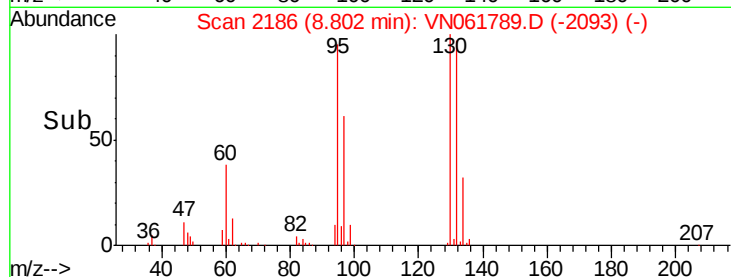
150000

100000

50000

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.260 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.29 min

Lab File: VN061789.D

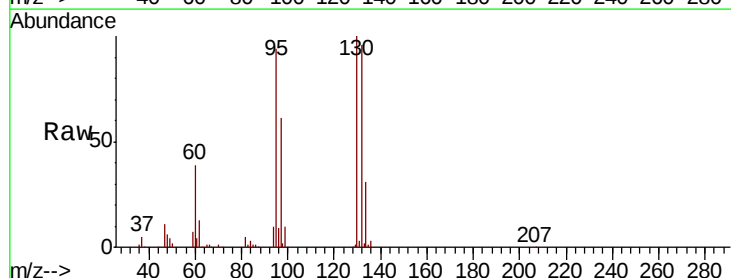
Acq: 12 Jun 2020 14:27

Tgt Ion: 63 Resp: 796

Ion Ratio Lower Upper

63 100

65 321.7 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

3000

2500

2000

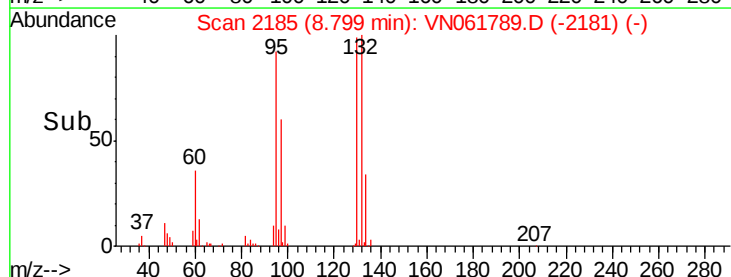
1500

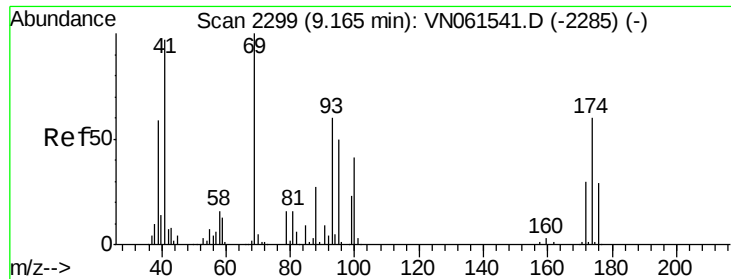
1000

500

0

Time-->

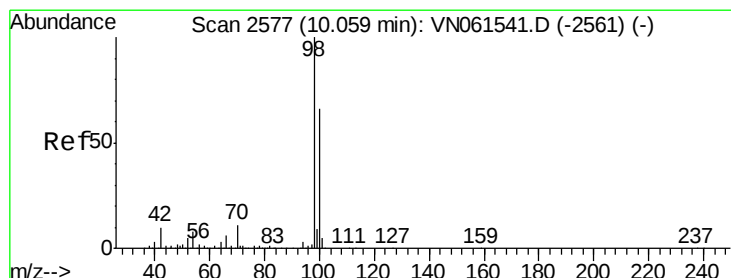
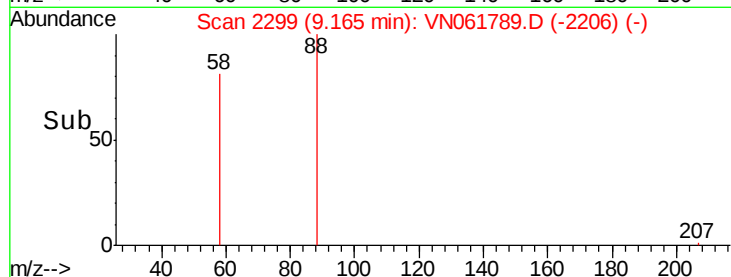
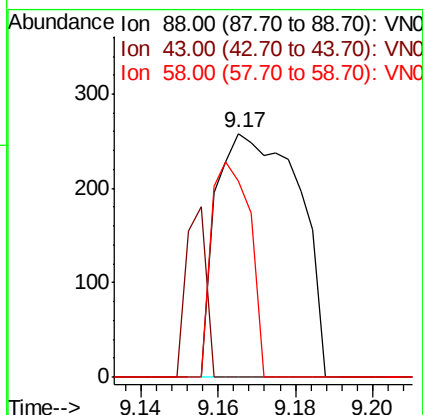
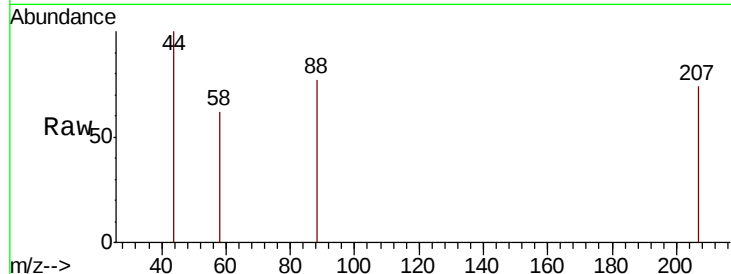




#49  
 1,4-Dioxane  
 Concen: 9.078 ug/l  
 RT: 9.17 min Scan# 2299  
 Delta R.T. -0.00 min  
 Lab File: VN061789.D  
 Acq: 12 Jun 2020 14:27

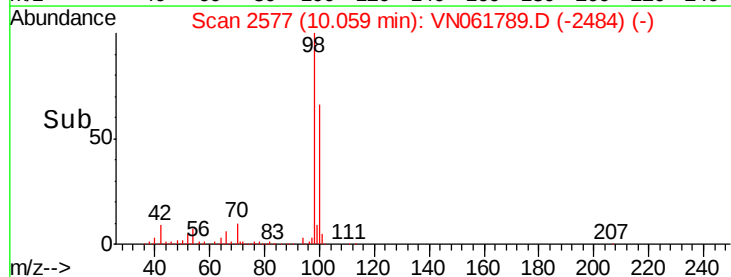
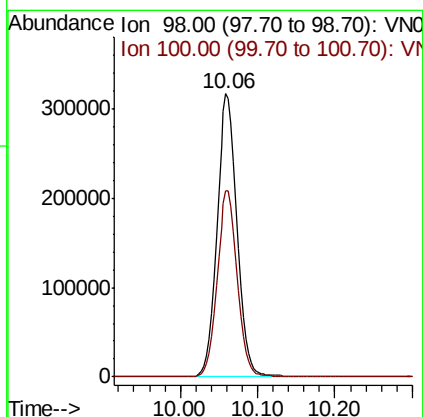
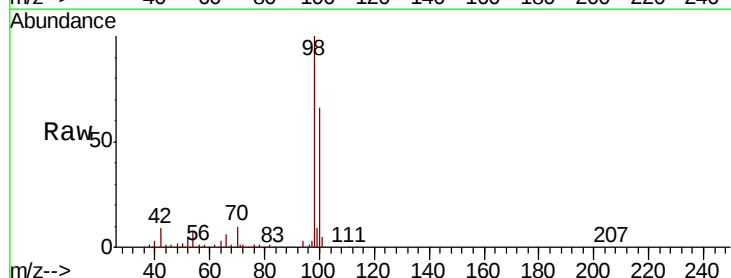
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE132D1-20200608

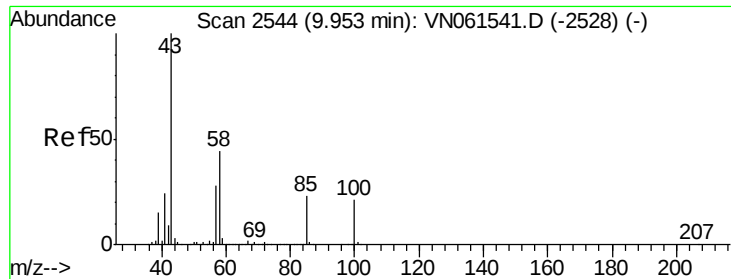
Tot Ion: 88 Resp: 383  
 Ion Ratio Lower Upper  
 88 100  
 43 17.0 23.1 34.7#  
 58 41.0 48.3 72.5#



#50  
 Toluene-d8  
 Concen: 51.995 ug/l  
 RT: 10.06 min Scan# 2577  
 Delta R.T. -0.00 min  
 Lab File: VN061789.D  
 Acq: 12 Jun 2020 14:27

Tgt Ion: 98 Resp: 576743  
 Ion Ratio Lower Upper  
 98 100  
 100 65.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 0.630 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

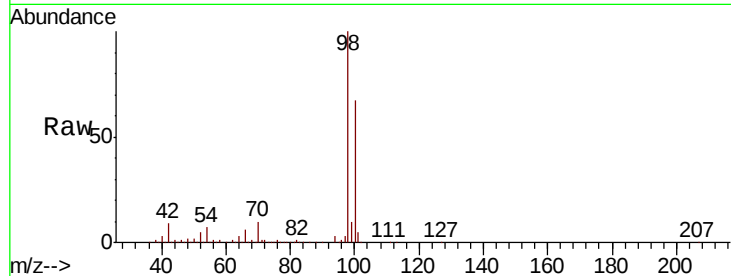
RE132D1-20200608

Tot Ion: 43 Resp: 2149

Ion Ratio Lower Upper

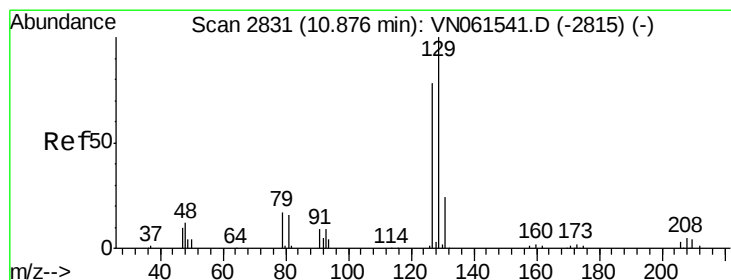
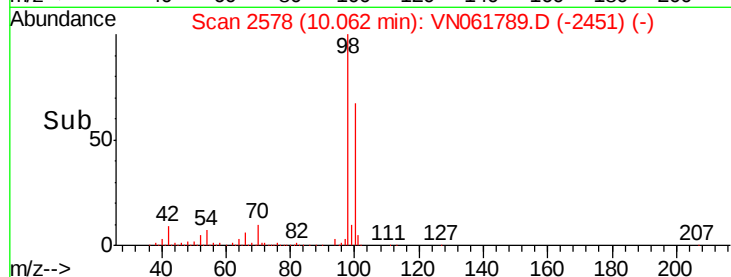
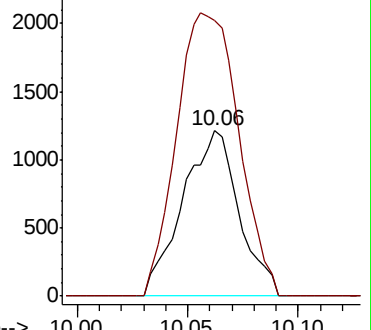
43 100

58 189.0 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN061789.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061789.D (-2528) (-)



#60

Dibromochloromethane

Concen: 2.533 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.27 min

Lab File: VN061789.D

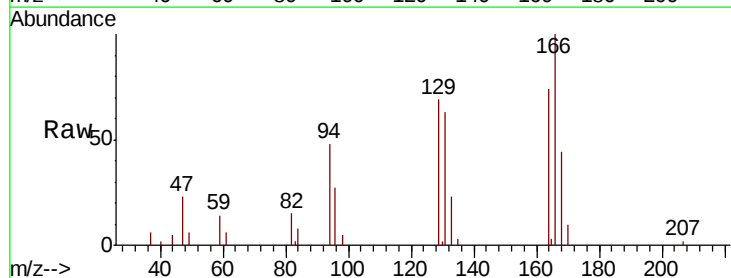
Acq: 12 Jun 2020 14:27

Tgt Ion: 129 Resp: 9652

Ion Ratio Lower Upper

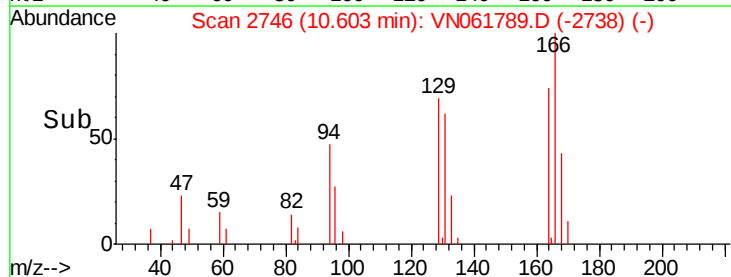
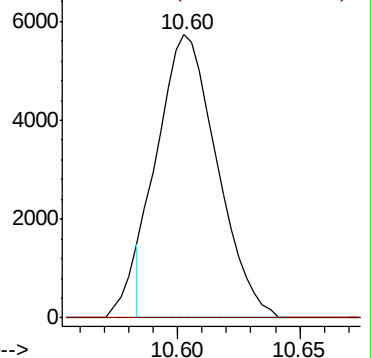
129 100

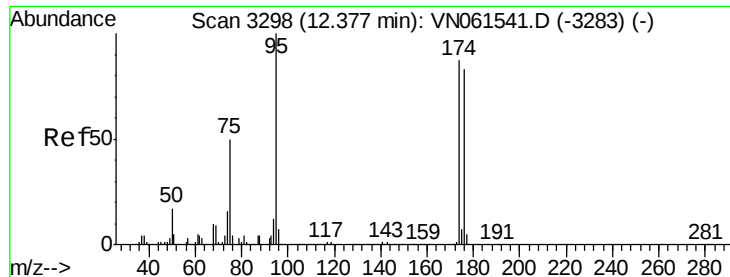
127 0.0 38.8 116.3#



Abundance Ion 128.80 (128.50 to 129.50): VN061789.D (-2738) (-)

Ion 126.80 (126.50 to 127.50): VN061789.D (-2738) (-)

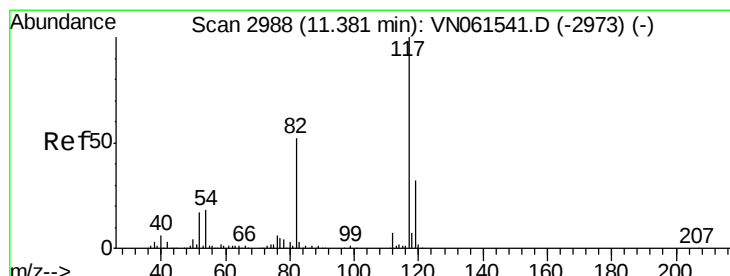
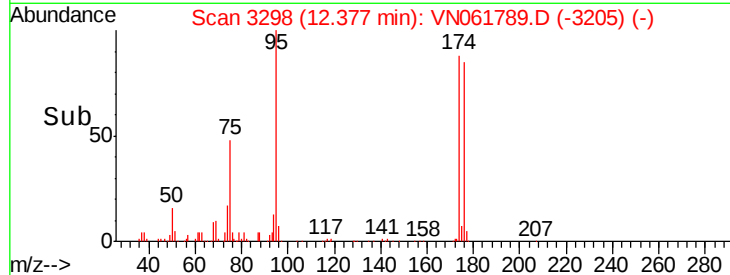
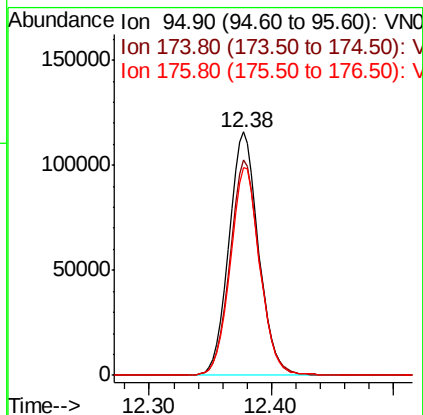
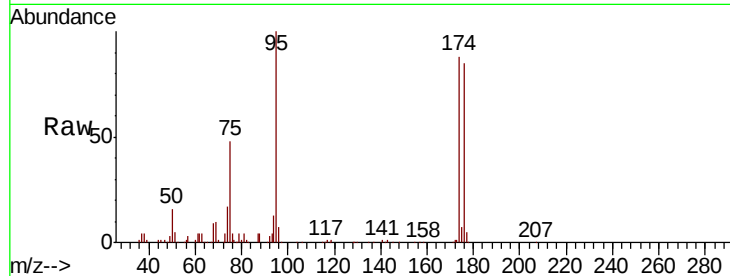




#62  
4-Bromofluorobenzene  
Concen: 48.602 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. -0.00 min  
Lab File: VN061789.D  
Acq: 12 Jun 2020 14:27

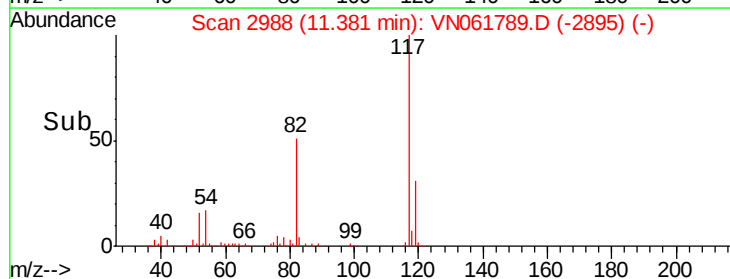
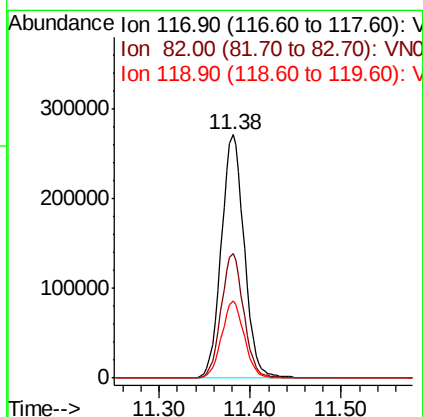
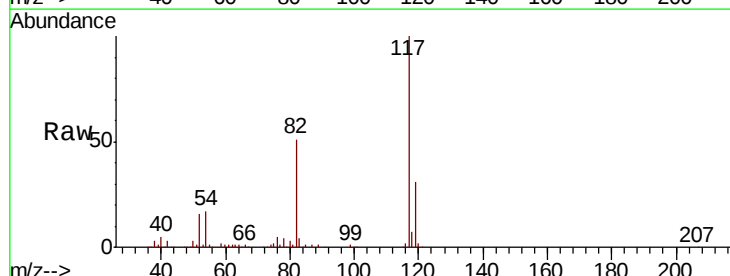
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE132D1-20200608

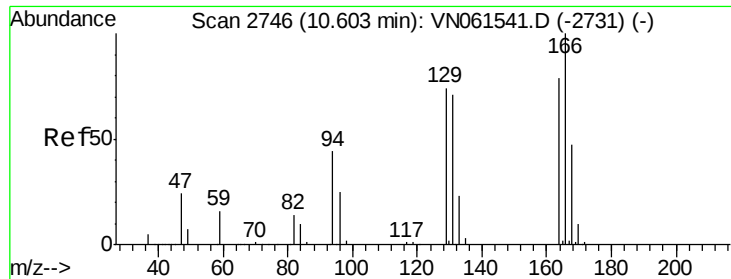
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 88.2  | 0.0   | 172.8 |
| 176     | 85.0  | 0.0   | 164.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN061789.D  
Acq: 12 Jun 2020 14:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.2  | 41.5  | 62.3  |
| 119     | 31.5  | 25.6  | 38.4  |





#64

Tetrachloroethene

Concen: 2.424 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

RE132D1-20200608

Tot Ion:164 Resp: 10803

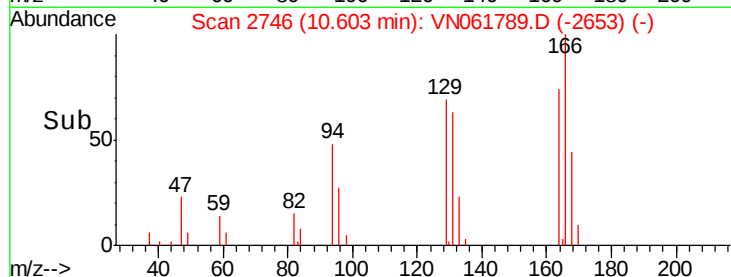
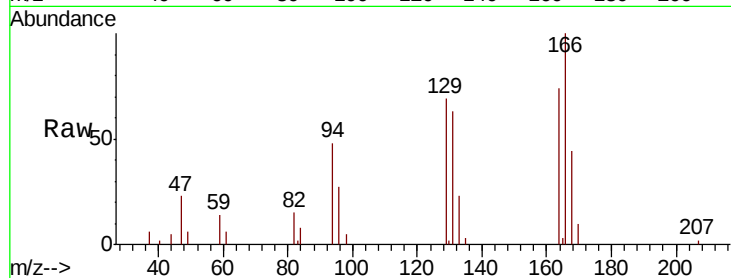
Ion Ratio Lower Upper

164 100

166 135.7 101.5 152.3

129 93.0 74.9 112.3

131 86.0 72.2 108.2

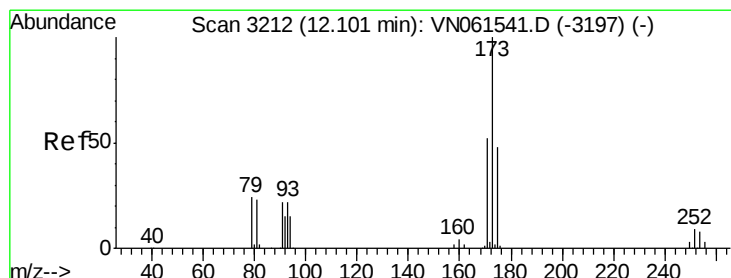
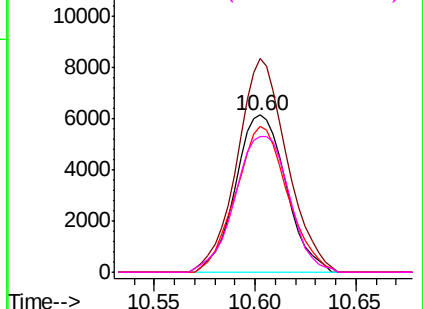


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 0.575 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

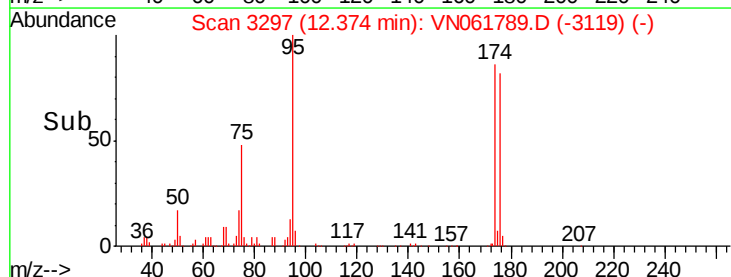
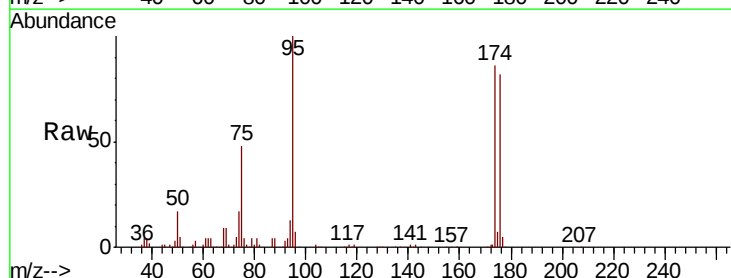
Tgt Ion:173 Resp: 1622

Ion Ratio Lower Upper

173 100

175 675.8 24.4 73.2#

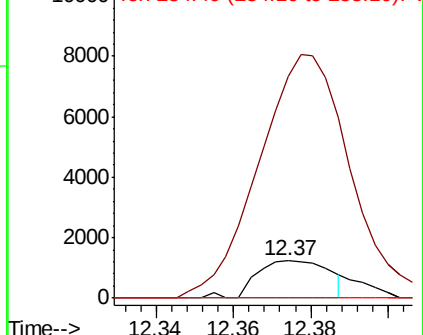
254 0.0 0.0 0.0

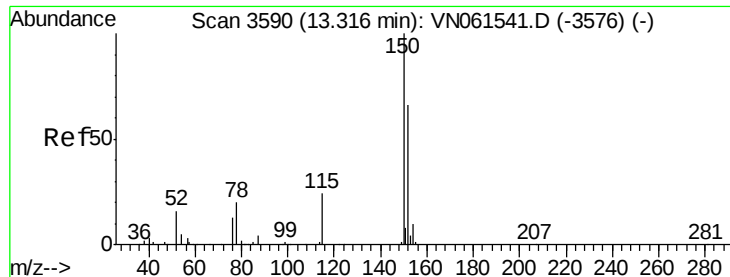


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3591

Delta R.T. 0.00 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

RE132D1-20200608

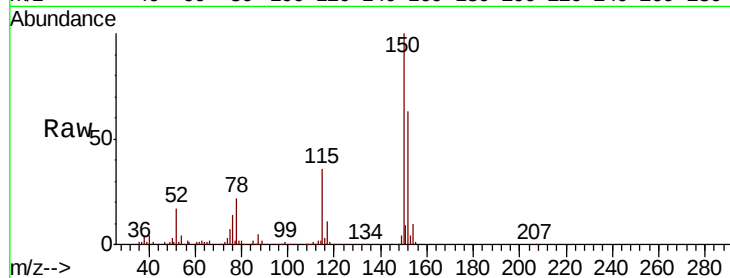
Tot Ion:152 Resp: 207321

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

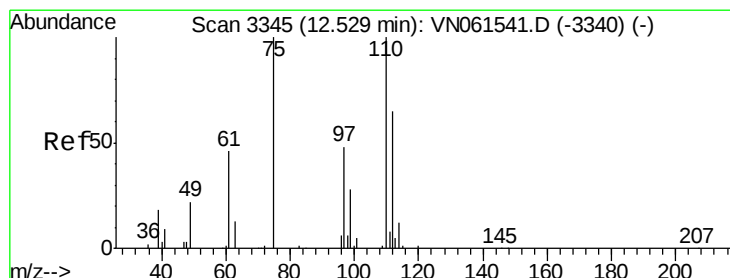
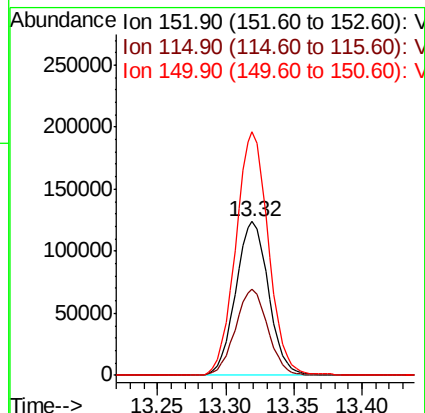
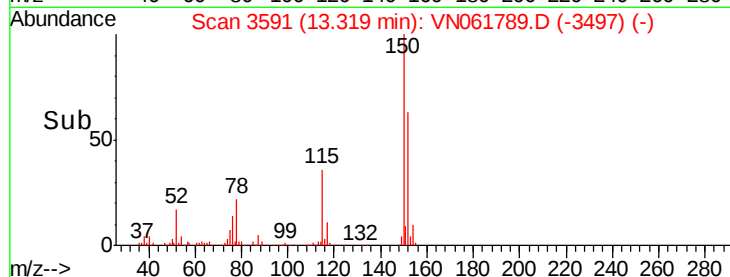
150 157.8 0.0 344.0



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: 25.148 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061789.D

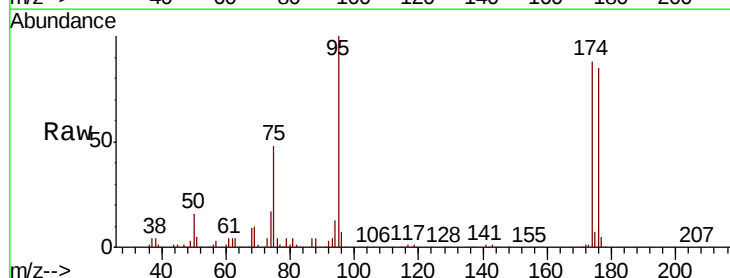
Acq: 12 Jun 2020 14:27

Tgt Ion: 75 Resp: 94804

Ion Ratio Lower Upper

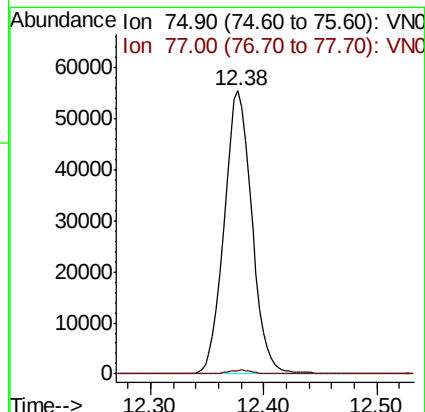
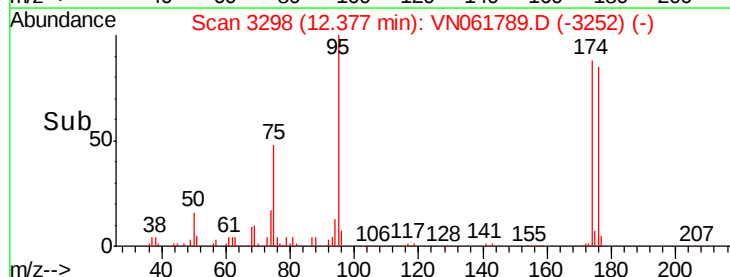
75 100

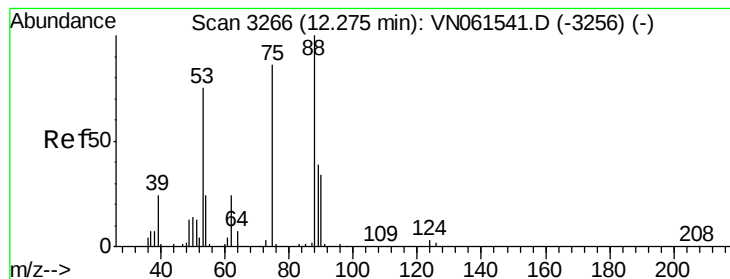
77 1.2 0.0 0.0#



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: 64.309 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061789.D

Acq: 12 Jun 2020 14:27

Instrument :

MSVOA\_N

ClientSampleId :

RE132D1-20200608

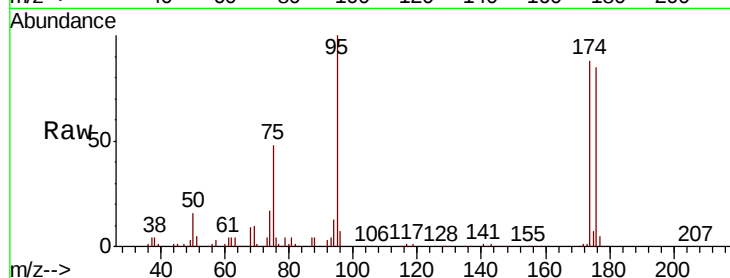
Tot Ion: 75 Resp: 94804

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

