

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\  
 Data File : VN060982.D  
 Acq On : 15 Apr 2020 23:25  
 Operator : JC/MD  
 Sample : L2123-09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 16 06:41:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 127640   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 215438   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 199445   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 87507    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 84982    | 48.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.00%  |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 63441    | 48.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.40%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 267595   | 50.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.58% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 97487    | 49.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.98%  |          |

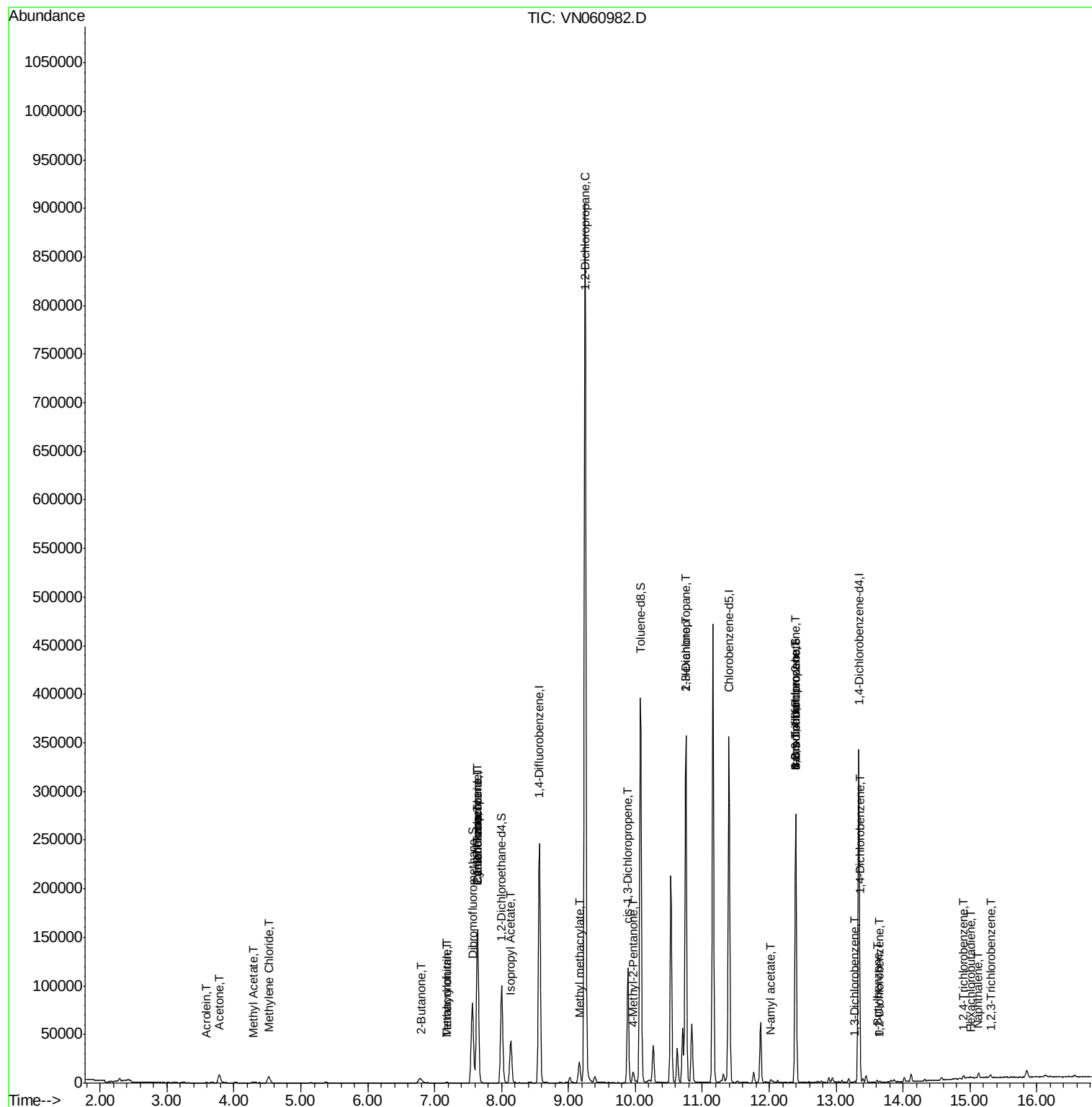
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 13) Acrolein                   | 3.59  | 56   | 374      | 1.310  | ug/l # | 53     |
| 16) Acetone                    | 3.78  | 43   | 15844    | 25.527 | ug/l   | 96     |
| 18) Methyl Acetate             | 4.29  | 43   | 1786     | 1.022  | ug/l # | 54     |
| 20) Methylene Chloride         | 4.52  | 84   | 4929     | 3.228  | ug/l   | 99     |
| 25) 2-Butanone                 | 6.81  | 43   | 5804     | 5.779  | ug/l   | 95     |
| 29) Tetrahydrofuran            | 7.19  | 42   | 957      | 1.347  | ug/l # | 49     |
| 31) Cyclohexane                | 7.63  | 56   | 2856     | 1.012  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.64  | 75   | 10384    | 4.978  | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 7.64  | 117  | 12400    | 6.632  | ug/l # | 16     |
| 41) Methacrylonitrile          | 7.18  | 41   | 477      | 0.496  | ug/l # | 100    |
| 43) Isopropyl Acetate          | 8.14  | 43   | 52986    | 14.253 | ug/l # | 89     |
| 45) 1,2-Dichloropropane        | 9.25  | 63   | 988      | 0.595  | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.16  | 41   | 4315     | 2.607  | ug/l # | 33     |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 7905     | 3.737  | ug/l   | 99     |
| 54) cis-1,3-Dichloropropene    | 9.89  | 75   | 20521    | 7.801  | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 10.75 | 76   | 3364     | 1.325  | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.75 | 43   | 53960    | 35.411 | ug/l # | 53     |
| 71) Bromoform                  | 12.39 | 173  | 83       | 1.748  | ug/l # | 1      |
| 74) N-amyl acetate             | 12.02 | 43   | 2942     | 0.969  | ug/l # | 45     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 49584    | 26.260 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 49584    | 67.443 | ug/l # | 13     |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 561      | 0.201  | ug/l # | 78     |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 736      | 0.262  | ug/l # | 1      |
| 89) n-Butylbenzene             | 13.61 | 91   | 1499     | 0.297  | ug/l # | 88     |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 565      | 0.212  | ug/l   | 77     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 1266     | 0.773  | ug/l # | 86     |
| 94) Hexachlorobutadiene        | 15.01 | 225  | 441      | 0.549  | ug/l # | 65     |
| 95) Naphthalene                | 15.13 | 128  | 4798     | 0.973  | ug/l   | 95     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 1329     | 0.823  | ug/l   | 98     |

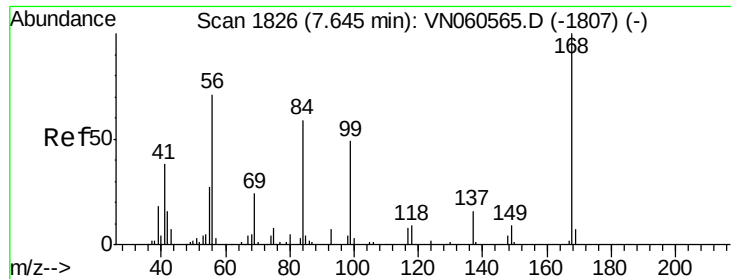
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\  
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Sample : L2123-09  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 35 Sample Multiplier: 1

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Quant Time: Apr 16 06:41:37 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:49:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

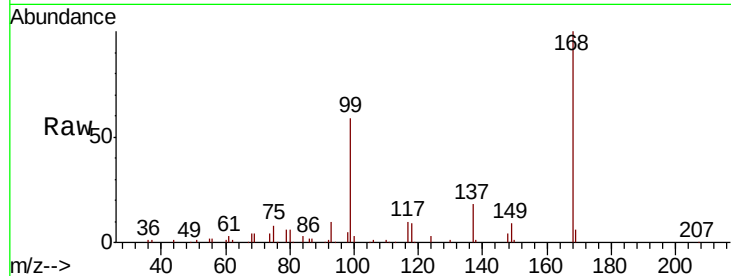
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 127640

Ion Ratio Lower Upper

168 100

99 58.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

60000

50000

40000

30000

20000

10000

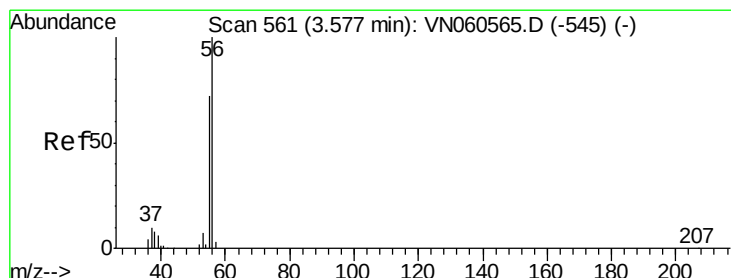
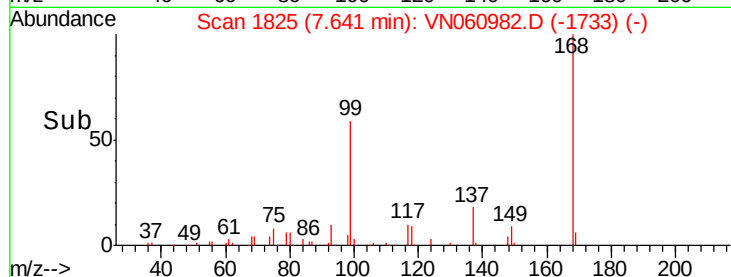
0

7.64

7.60

7.70

Time-->



#13

Acrolein

Concen: 1.310 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VN060982.D

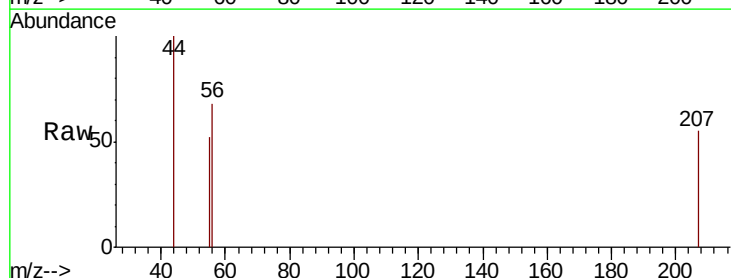
Acq: 15 Apr 2020 23:25

Tgt Ion: 56 Resp: 374

Ion Ratio Lower Upper

56 100

55 32.1 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

200

150

100

50

0

3.59

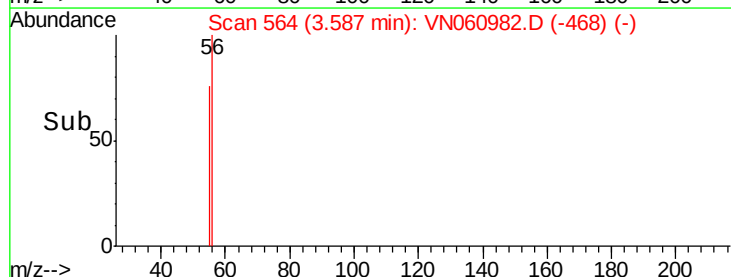
3.56

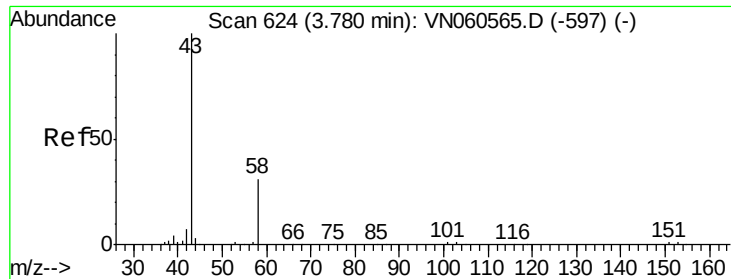
3.58

3.60

3.62

Time-->





#16

Acetone

Concen: 25.527 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

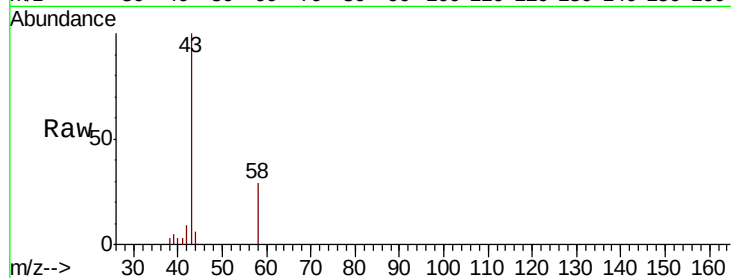
ClientSampleId :

Tot Ion: 43 Resp: 15844

Ion Ratio Lower Upper

43 100

58 29.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060982.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060982.D (-531) (-)

3.78

6000

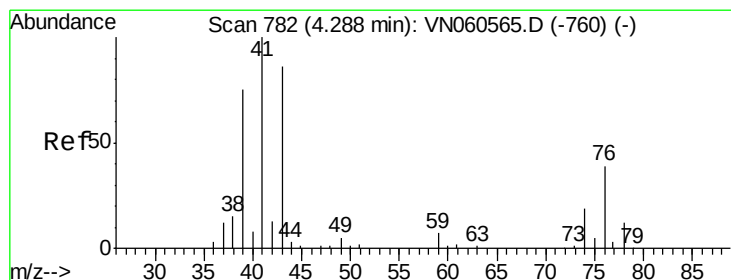
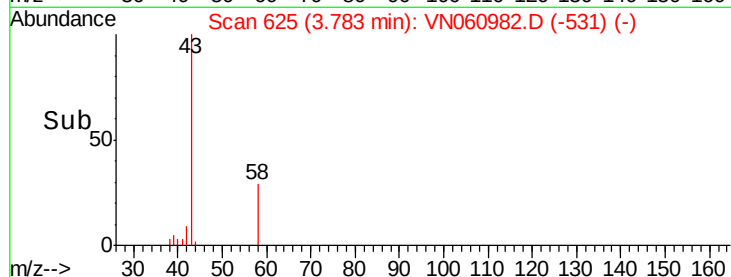
4000

2000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 1.022 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN060982.D

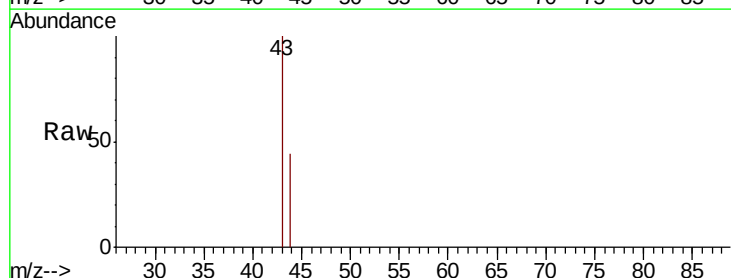
Acq: 15 Apr 2020 23:25

Tgt Ion: 43 Resp: 1786

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN060982.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060982.D (-689) (-)

4.29

600

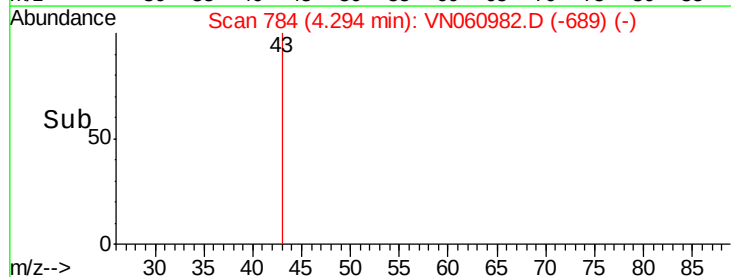
400

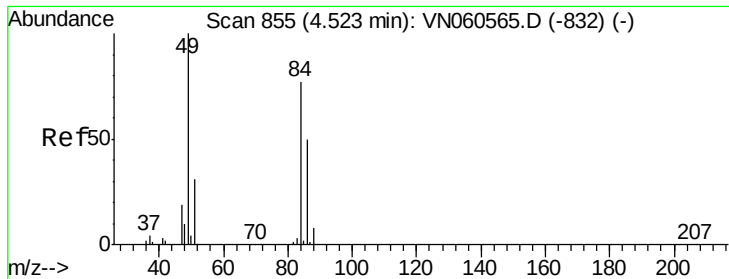
200

0

4.25 4.30 4.35

Time-->

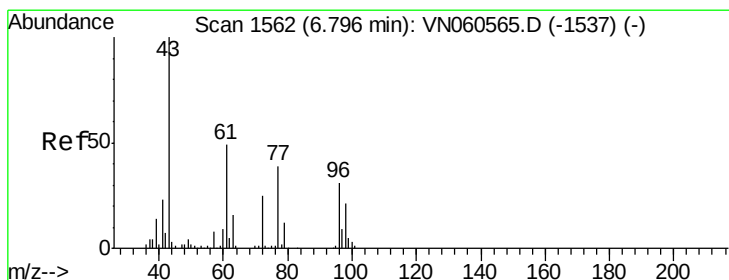
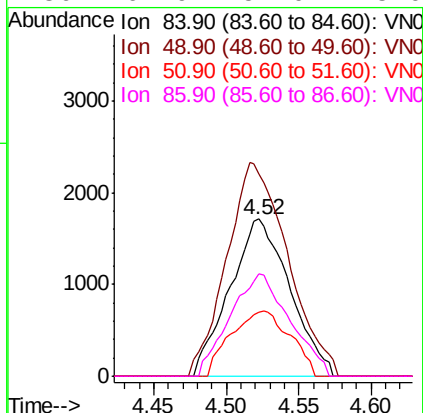
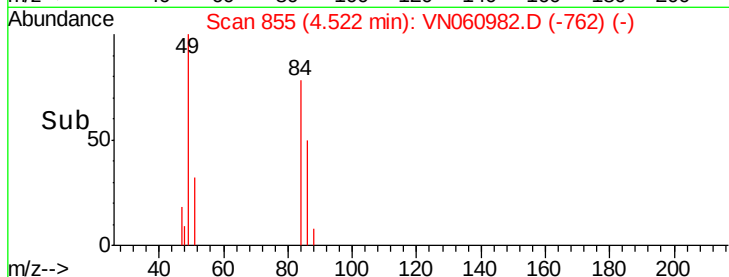
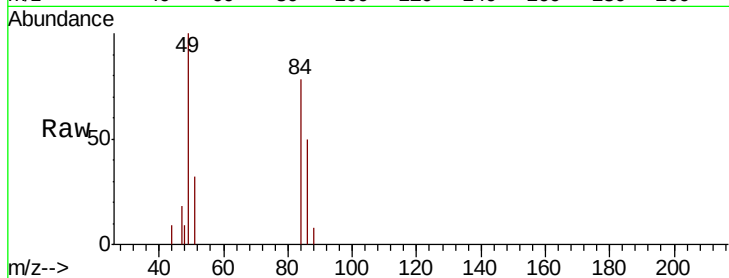




#20  
Methvlene Chloride  
Concen: 3.228 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: VN060982.D  
Acq: 15 Apr 2020 23:25

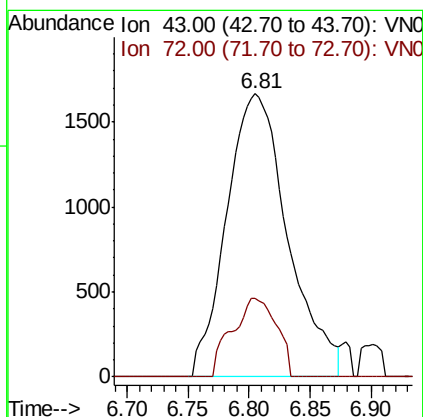
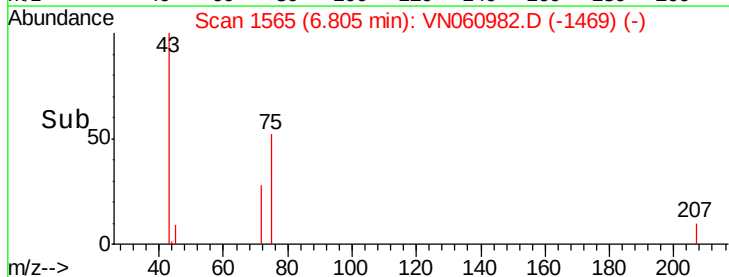
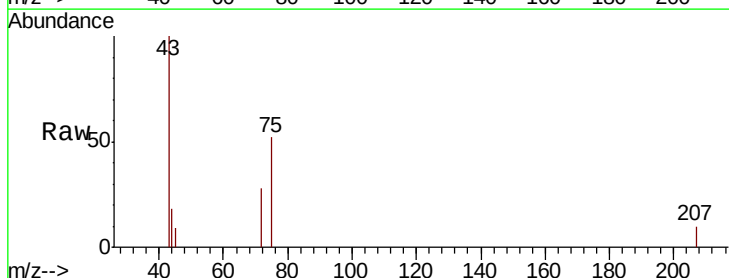
Instrument :  
MSVOA\_N  
ClientSampled :

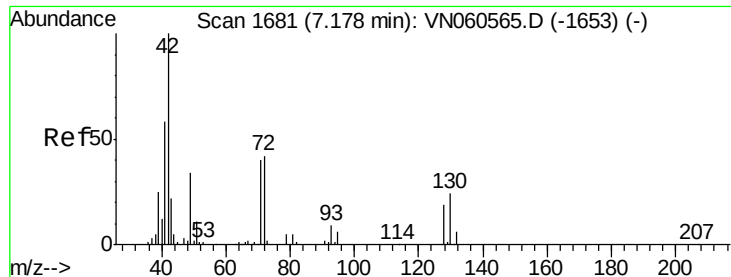
Tot Ion: 84 Resp: 4929  
Ion Ratio Lower Upper  
84 100  
49 128.8 103.3 154.9  
51 41.0 31.6 47.4  
86 64.9 52.0 78.0



#25  
2-Butanone  
Concen: 5.779 ug/l  
RT: 6.81 min Scan# 1565  
Delta R.T. 0.01 min  
Lab File: VN060982.D  
Acq: 15 Apr 2020 23:25

Tgt Ion: 43 Resp: 5804  
Ion Ratio Lower Upper  
43 100  
72 27.9 20.4 30.6

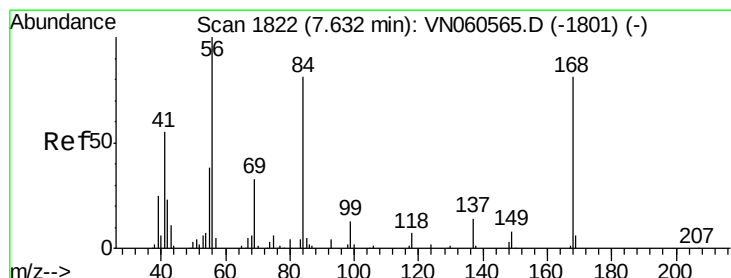
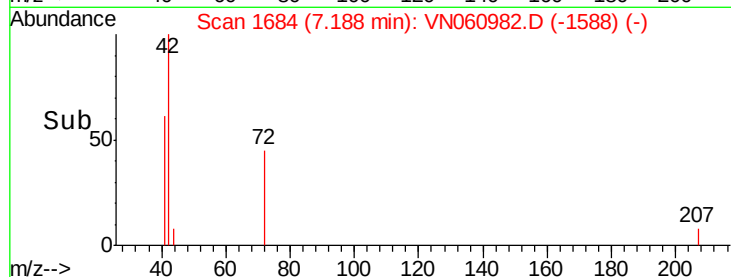
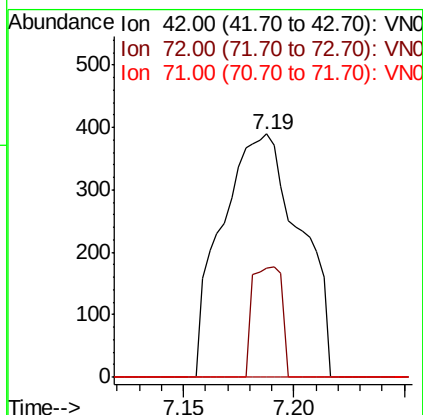
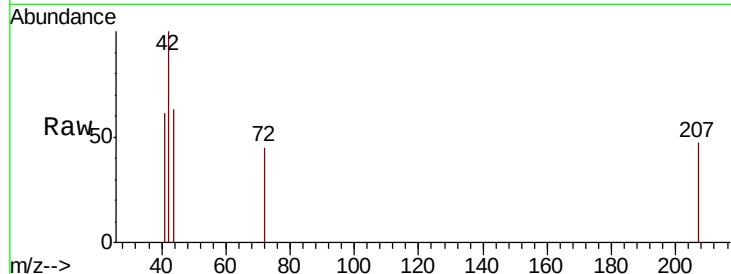




#29  
Tetrahydrofuran  
Concen: 1.347 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.01 min  
Lab File: VN060982.D  
Acq: 15 Apr 2020 23:25

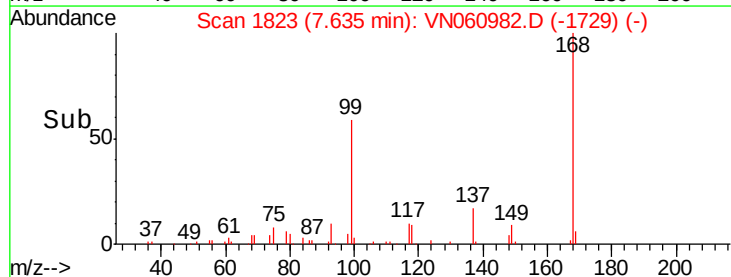
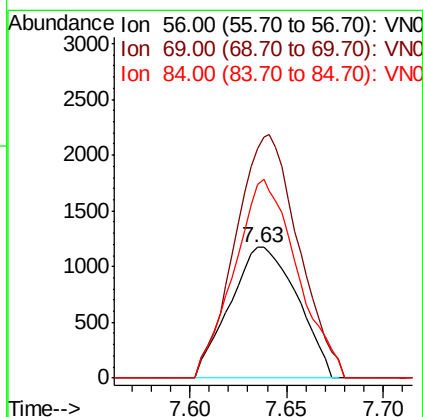
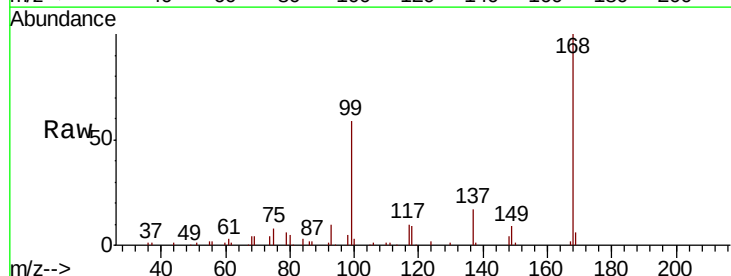
Instrument :  
MSVOA\_N  
ClientSampled :

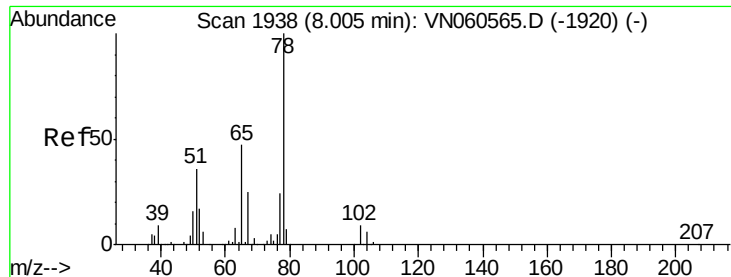
Tot Ion: 42 Resp: 957  
Ion Ratio Lower Upper  
42 100  
72 17.1 33.2 49.8#  
71 0.0 31.1 46.7#



#31  
Cyclohexane  
Concen: 1.012 ug/l  
RT: 7.63 min Scan# 1823  
Delta R.T. 0.00 min  
Lab File: VN060982.D  
Acq: 15 Apr 2020 23:25

Tgt Ion: 56 Resp: 2856  
Ion Ratio Lower Upper  
56 100  
69 175.2 26.6 40.0#  
84 148.1 64.3 96.5#

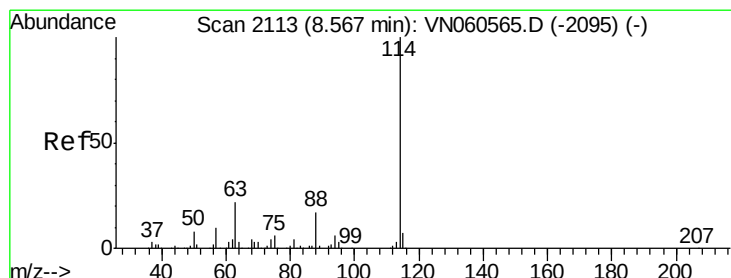
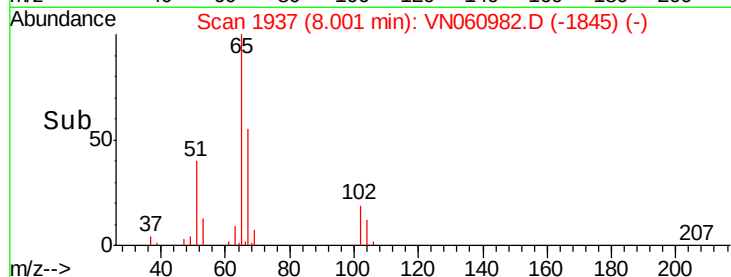
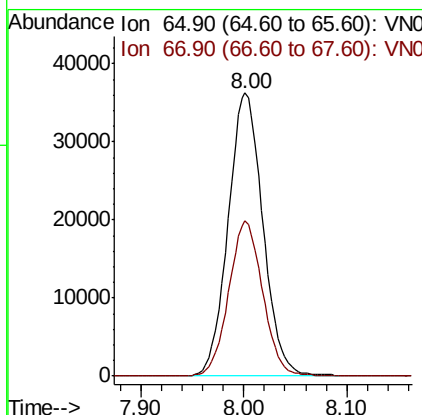
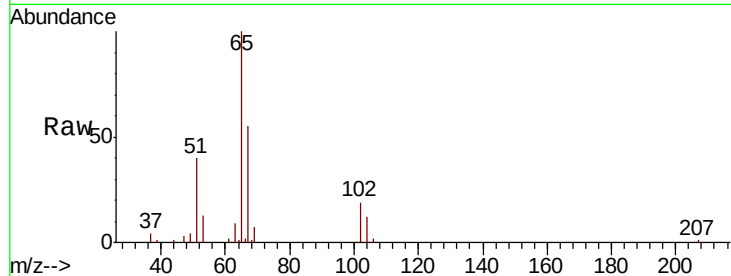




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.500 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

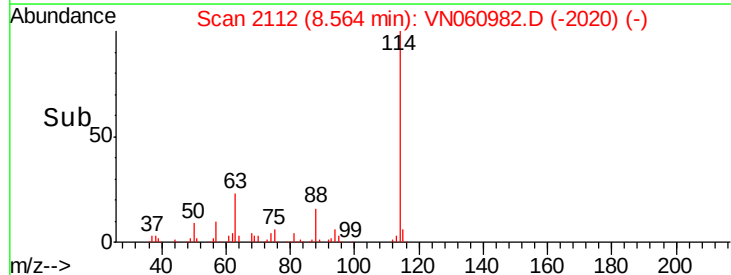
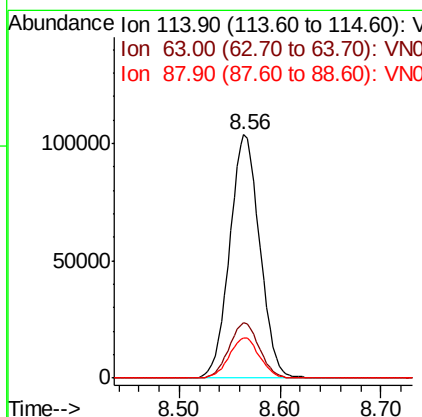
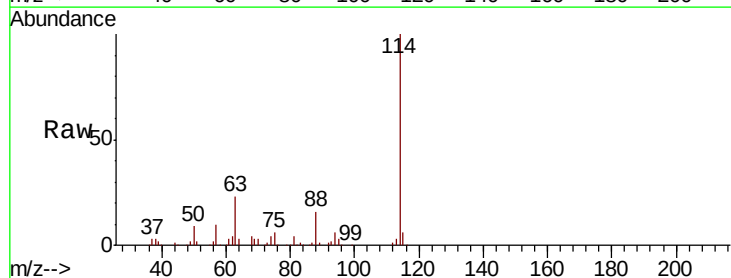
Instrument :  
 MSVOA\_N  
 ClientSampleId :

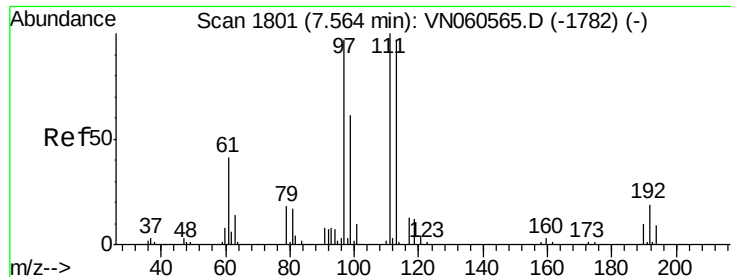
Tot Ion: 65 Resp: 84982  
 Ion Ratio Lower Upper  
 65 100  
 67 53.4 0.0 107.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.56 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

Tgt Ion: 114 Resp: 215438  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 43.8  
 88 16.5 0.0 33.0

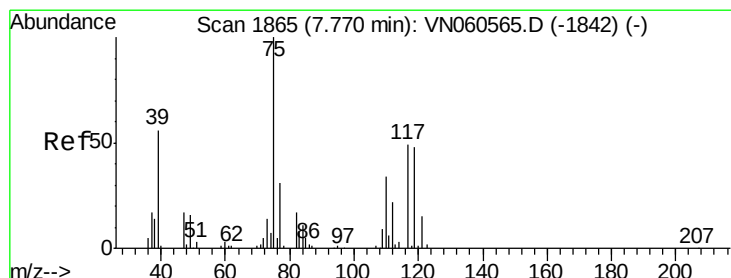
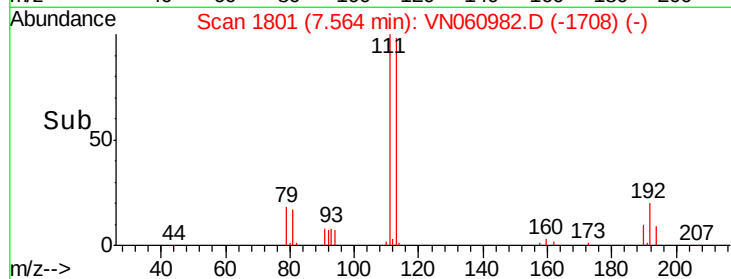
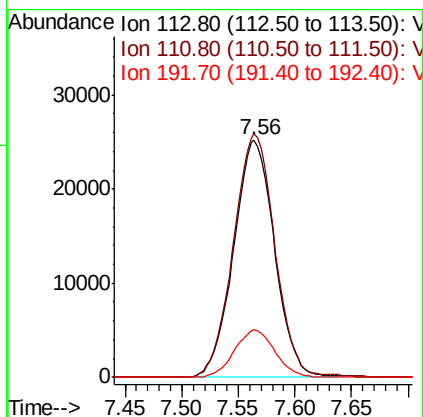
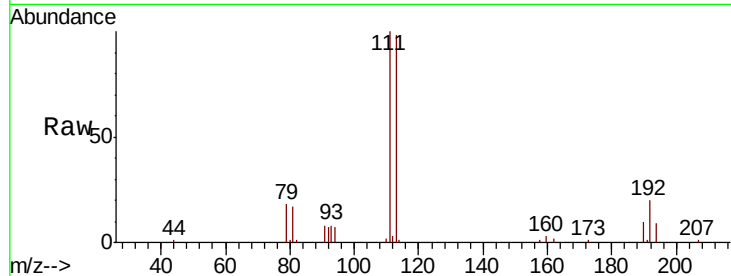




#35  
 Dibromofluoromethane  
 Concen: 48.700 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

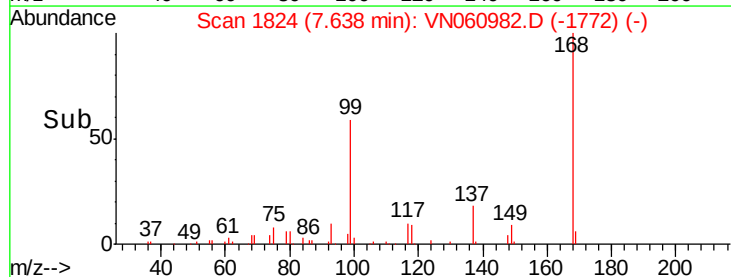
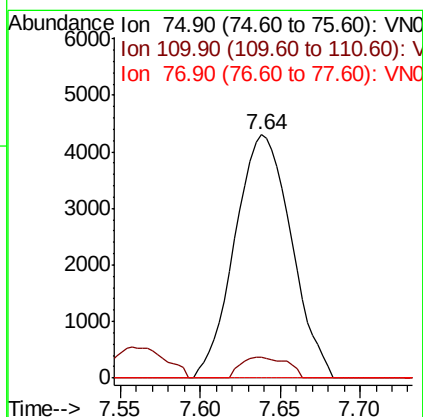
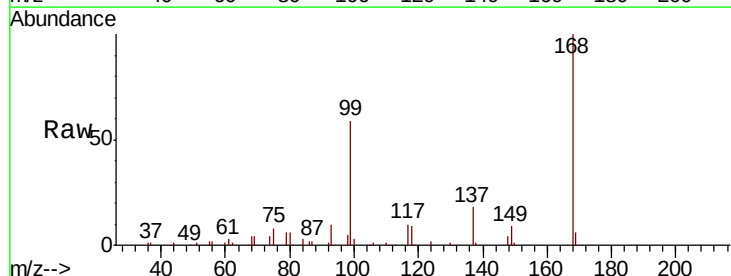
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:113 Resp: 63441  
 Ion Ratio Lower Upper  
 113 100  
 111 103.7 82.9 124.3  
 192 19.7 15.8 23.8

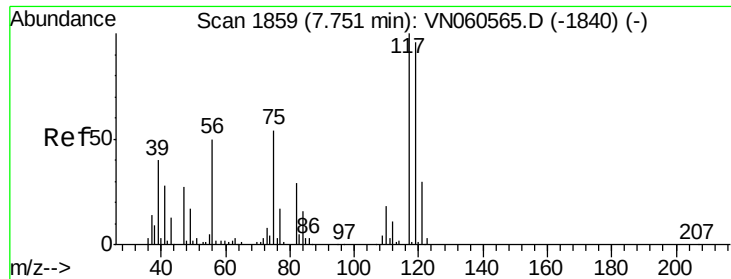


#36  
 1,1-Dichloropropene  
 Concen: 4.978 ug/l  
 RT: 7.64 min Scan# 1824  
 Delta R.T. -0.13 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

Tgt Ion: 75 Resp: 10384  
 Ion Ratio Lower Upper  
 75 100  
 110 7.0 16.9 50.6#  
 77 0.0 24.6 36.8#







#38

Carbon Tetrachloride

Concen: 6.632 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

ClientSampled :

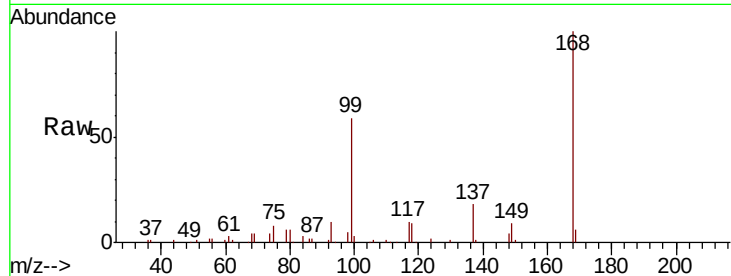
Tot Ion:117 Resp: 12400

Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.2#

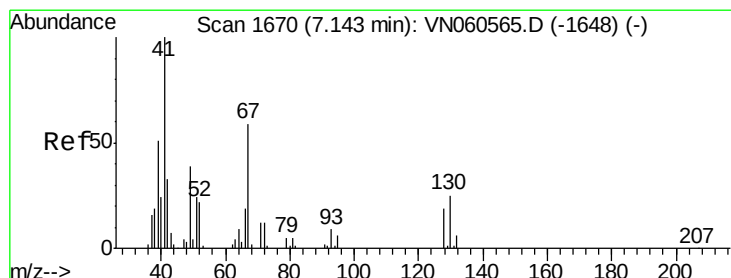
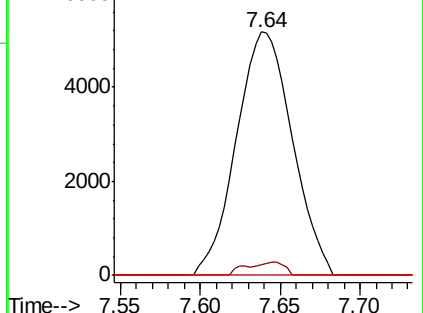
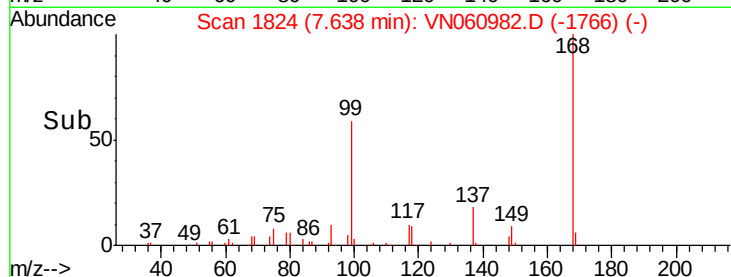
121 0.0 23.7 35.5#



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



#41

Methacrylonitrile

Concen: 0.496 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.04 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Tgt Ion: 41 Resp: 477

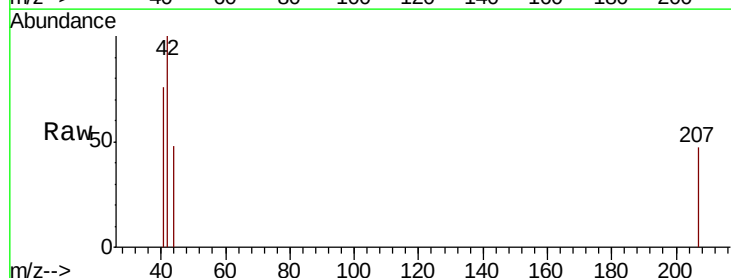
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

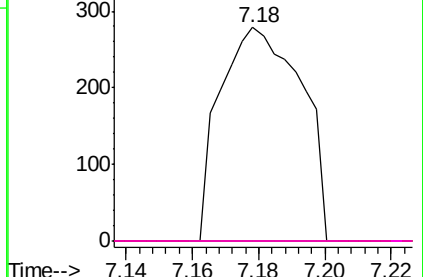
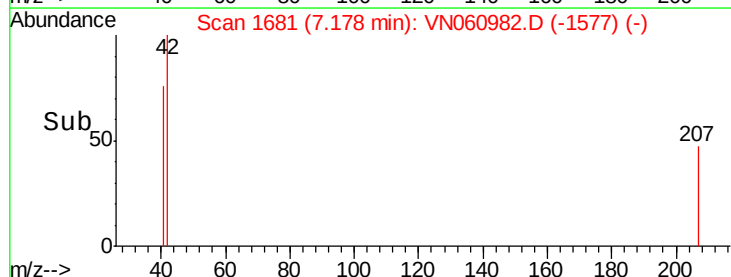


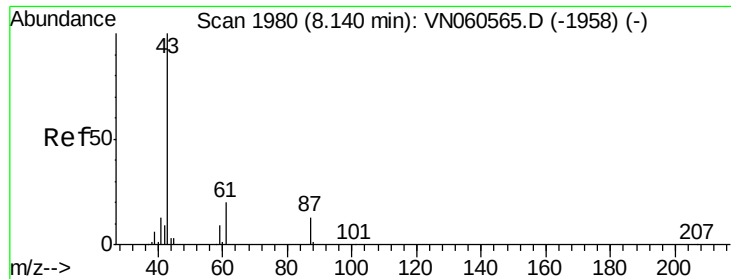
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 14.253 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

ClientSampleId :

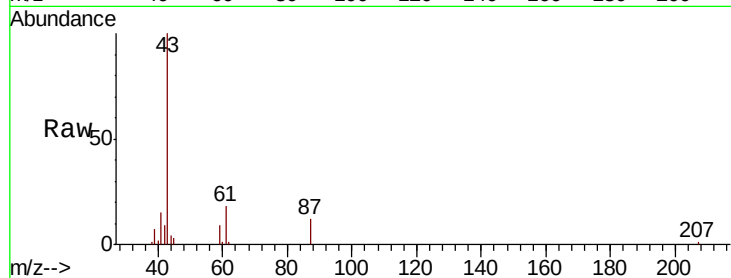
Tot Ion: 43 Resp: 52986

Ion Ratio Lower Upper

43 100

61 18.3 20.7 31.1#

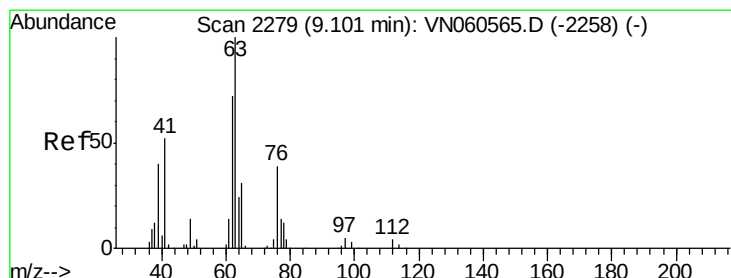
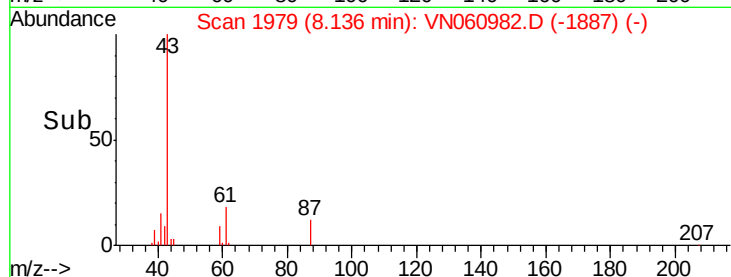
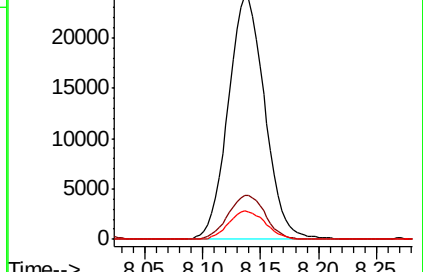
87 11.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#45

1,2-Dichloropropane

Concen: 0.595 ug/l

RT: 9.25 min Scan# 2324

Delta R.T. 0.14 min

Lab File: VN060982.D

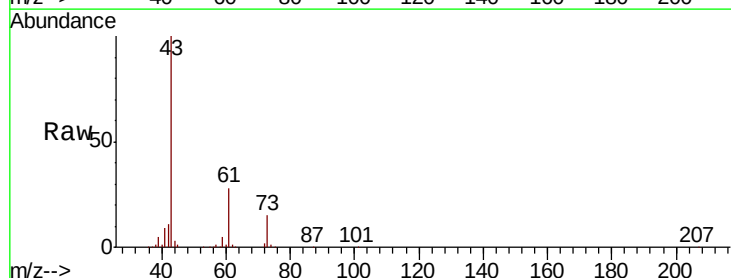
Acq: 15 Apr 2020 23:25

Tgt Ion: 63 Resp: 988

Ion Ratio Lower Upper

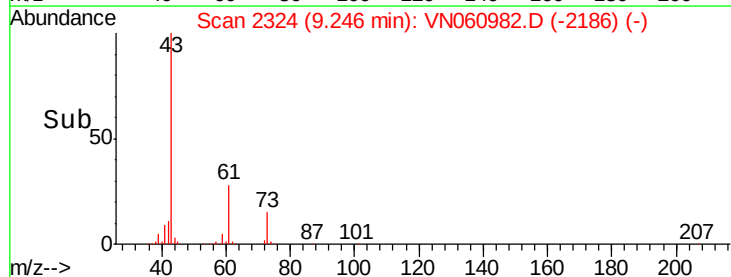
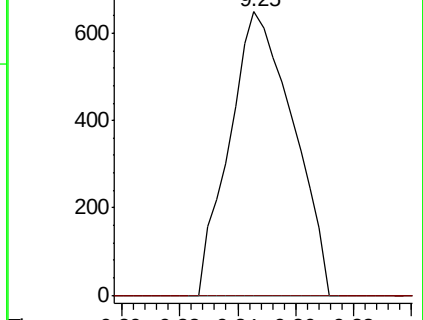
63 100

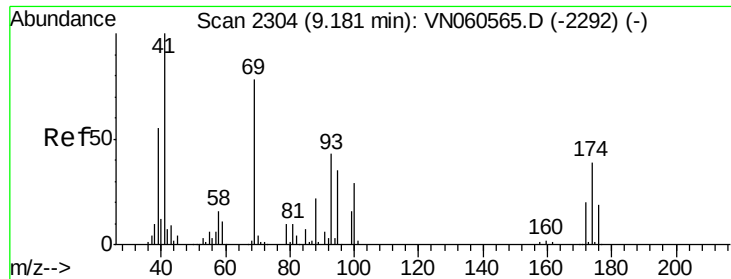
65 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN060565.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060565.D (-2258) (-)

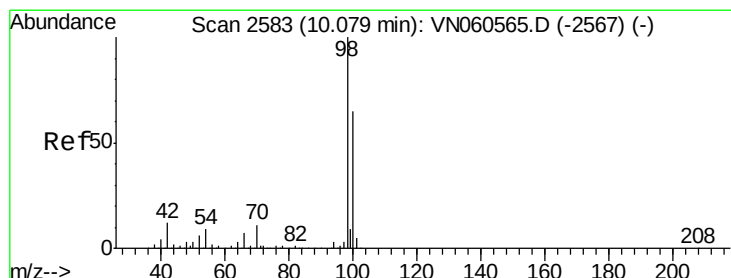
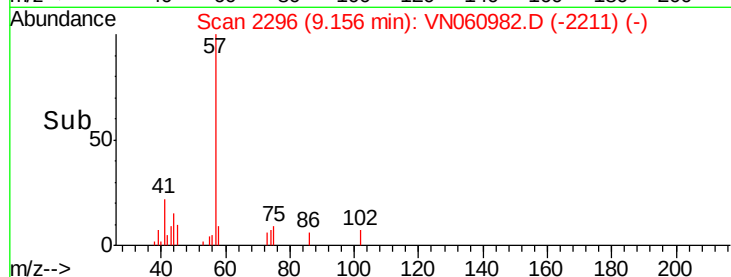
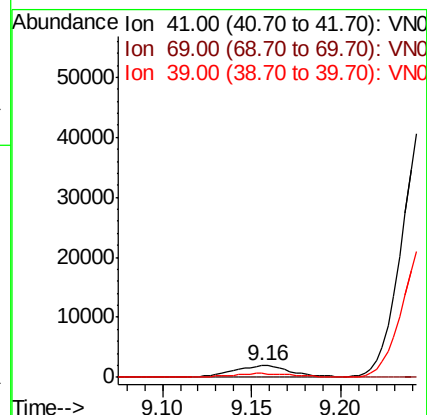
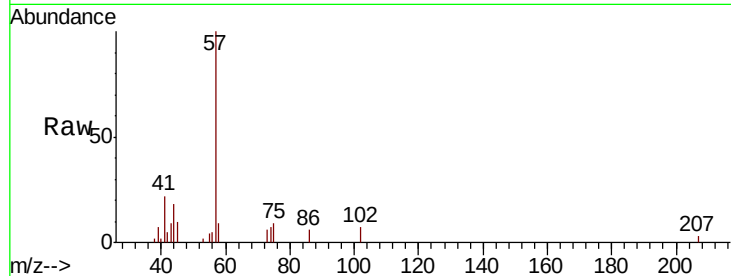




#48  
Methvl methacrylate  
Concen: 2.607 ug/l  
RT: 9.16 min Scan# 2296  
Delta R.T. -0.03 min  
Lab File: VN060982.D  
Acq: 15 Apr 2020 23:25

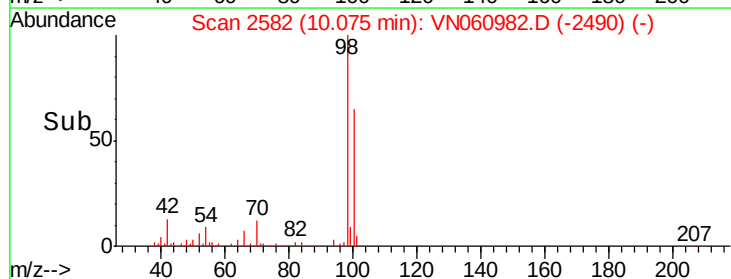
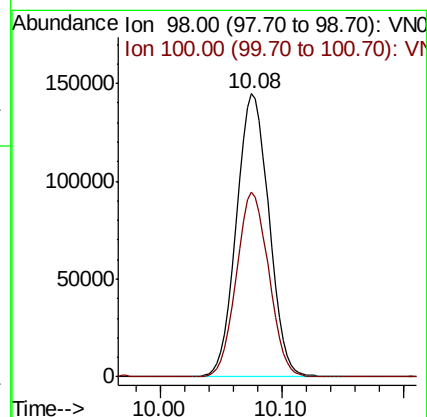
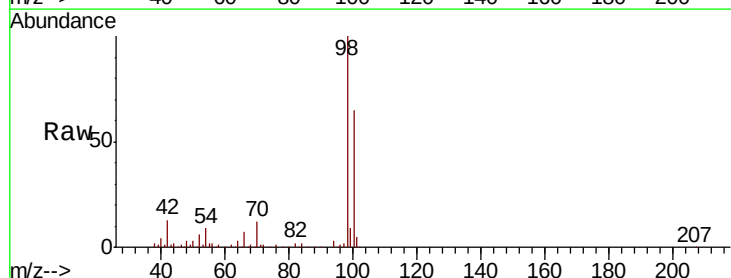
Instrument :  
MSVOA\_N  
ClientSampled :

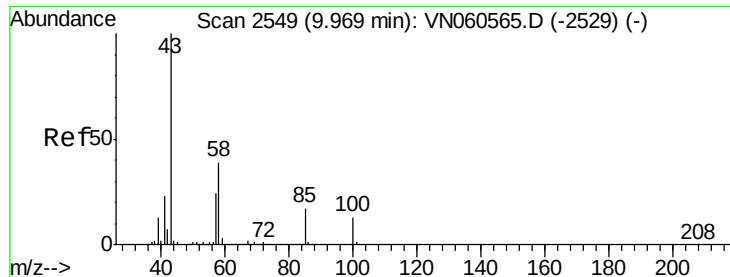
Tot Ion: 41 Resp: 4315  
Ion Ratio Lower Upper  
41 100  
69 0.0 65.4 98.0#  
39 32.9 44.0 66.0#



#50  
Toluene-d8  
Concen: 50.291 ug/l  
RT: 10.08 min Scan# 2582  
Delta R.T. -0.00 min  
Lab File: VN060982.D  
Acq: 15 Apr 2020 23:25

Tgt Ion: 98 Resp: 267595  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.8 77.8

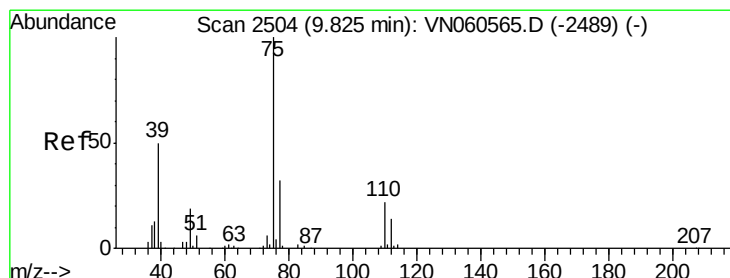
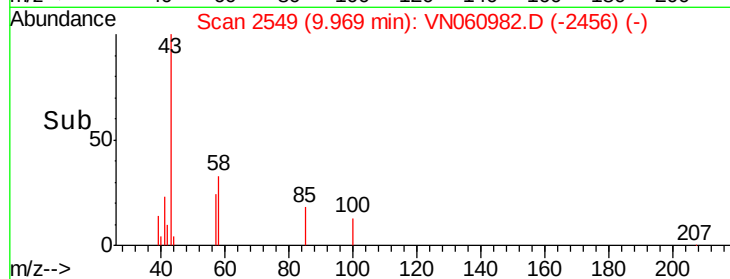
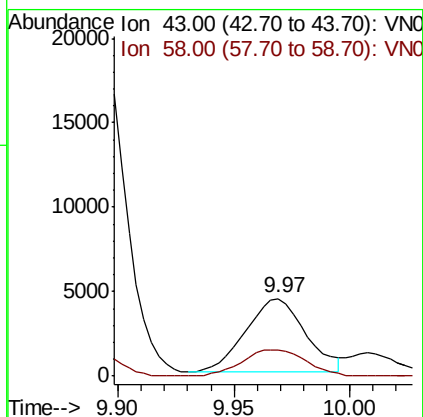
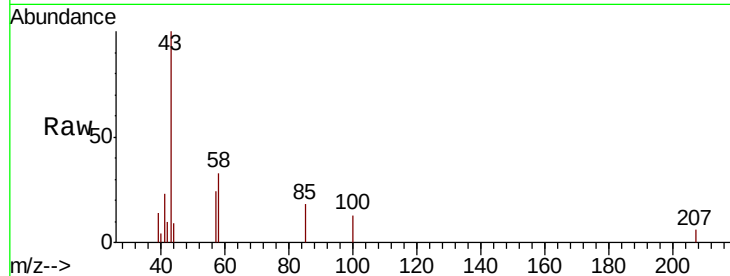




#51  
 4-Methyl-2-Pentanone  
 Concen: 3.737 ug/l  
 RT: 9.97 min Scan# 2549  
 Delta R.T. -0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

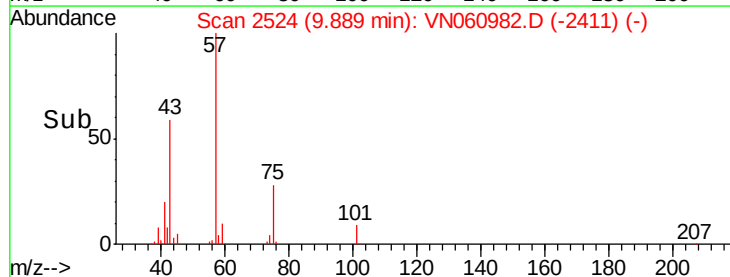
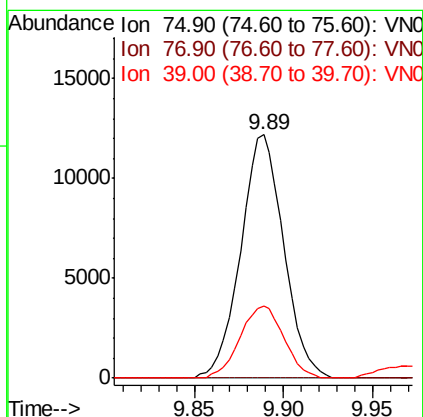
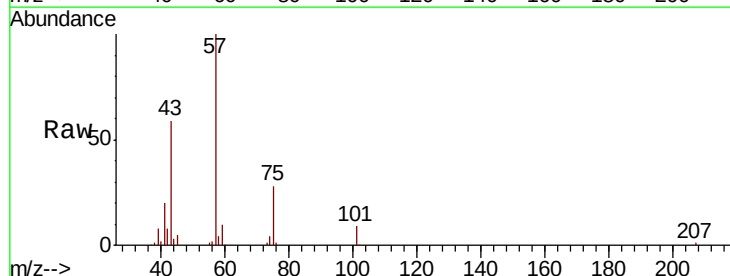
Instrument :  
 MSVOA\_N  
 ClientSampleId :

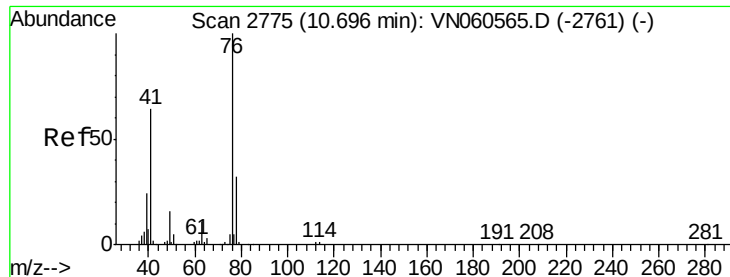
Tot Ion: 43 Resp: 7905  
 Ion Ratio Lower Upper  
 43 100  
 58 37.8 30.8 46.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 7.801 ug/l  
 RT: 9.89 min Scan# 2524  
 Delta R.T. 0.06 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

Tgt Ion: 75 Resp: 20521  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.4 38.0#  
 39 29.6 40.2 60.4#





#57

1,3-Dichloropropane

Concen: 1.325 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

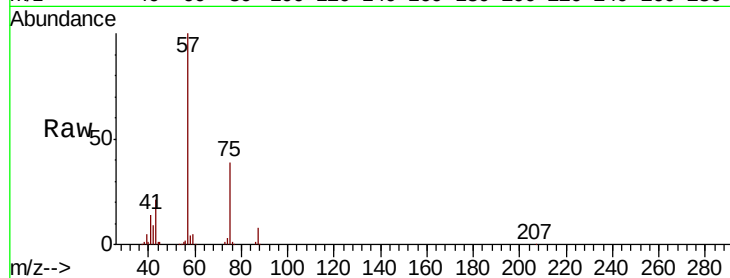
ClientSampled :

Tot Ion: 76 Resp: 3364

Ion Ratio Lower Upper

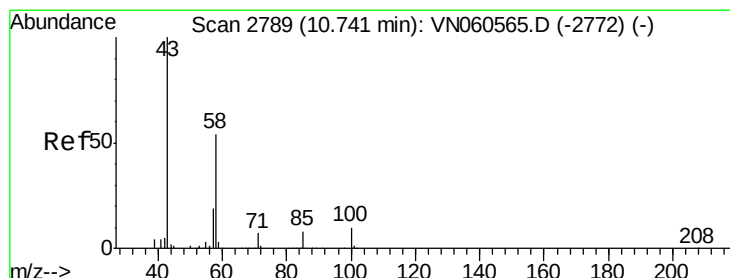
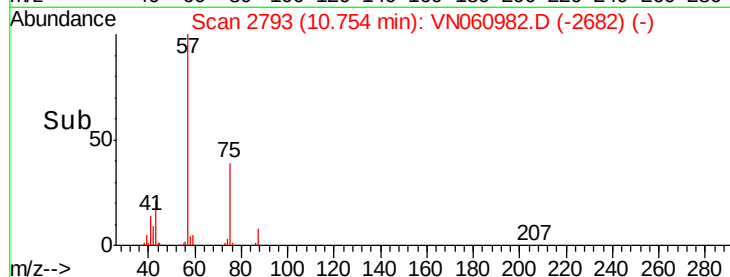
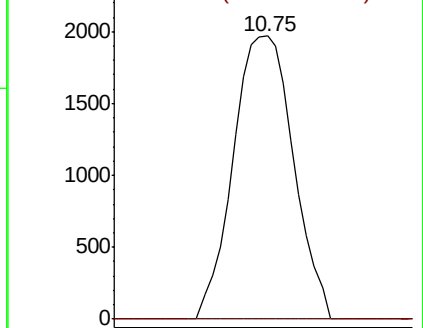
76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 35.411 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN060982.D

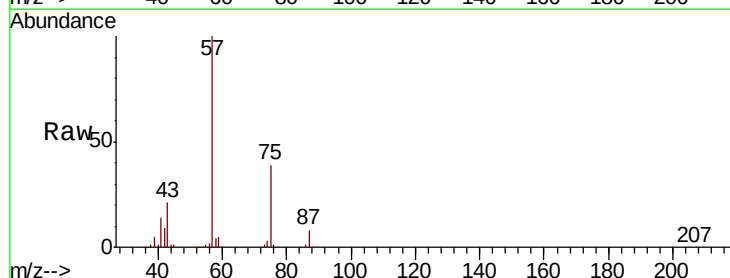
Acq: 15 Apr 2020 23:25

Tgt Ion: 43 Resp: 53960

Ion Ratio Lower Upper

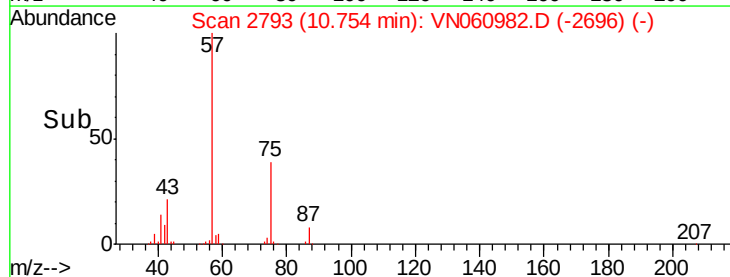
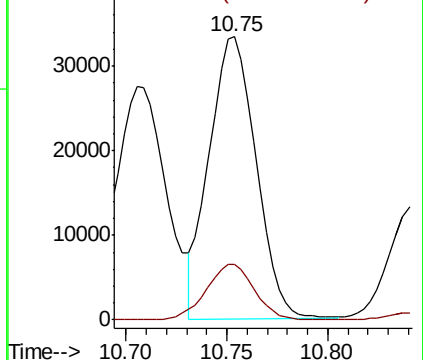
43 100

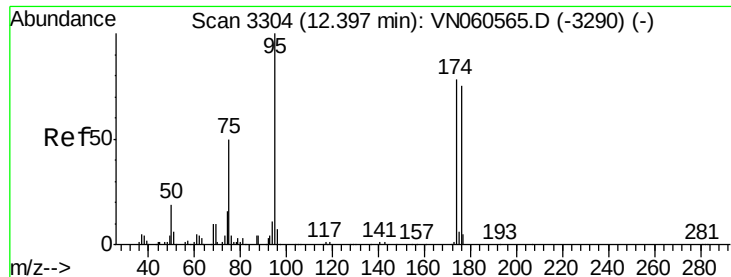
58 19.9 26.7 80.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.992 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

ClientSampleId :

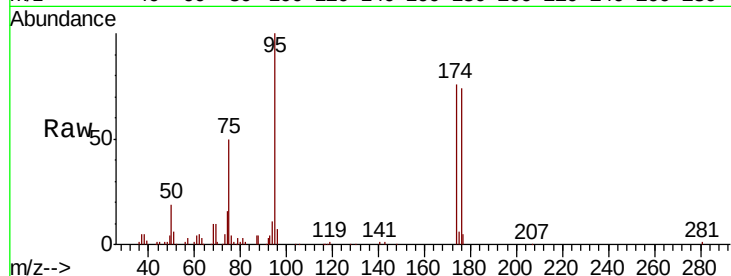
Tot Ion: 95 Resp: 97487

Ion Ratio Lower Upper

95 100

174 75.4 0.0 157.6

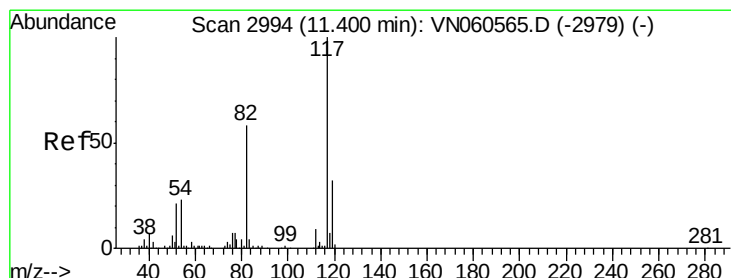
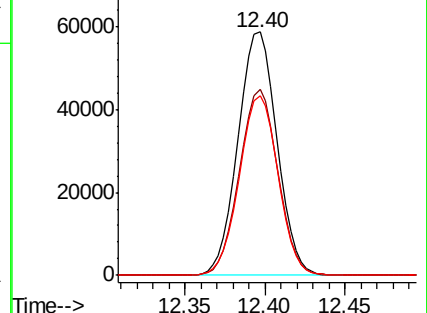
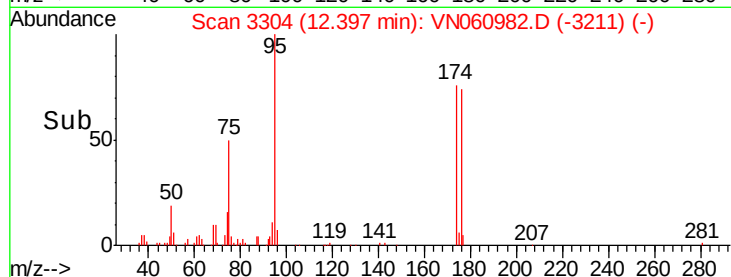
176 73.4 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060982.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060982.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060982.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

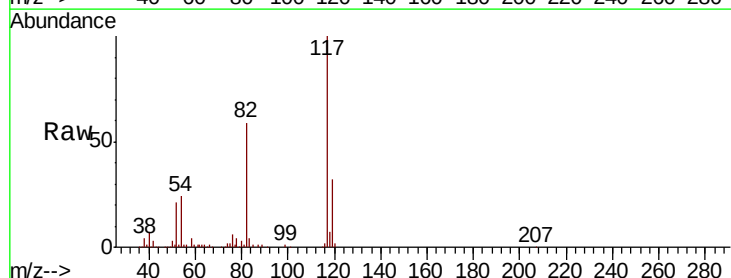
Tgt Ion: 117 Resp: 199445

Ion Ratio Lower Upper

117 100

82 59.4 46.7 70.1

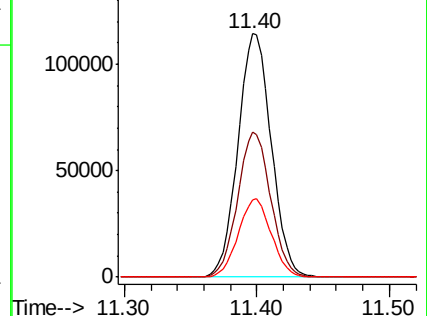
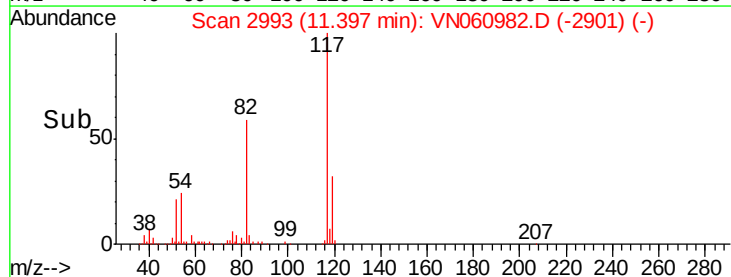
119 32.0 25.5 38.3

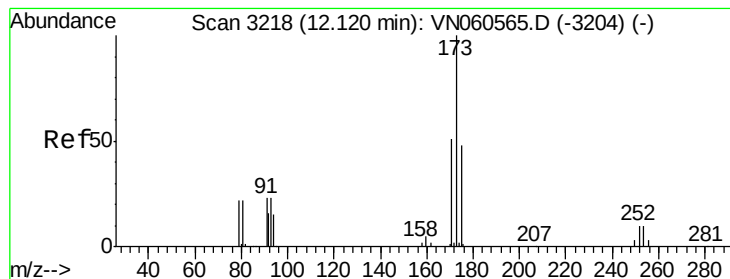


Abundance Ion 116.90 (116.60 to 117.60): VN060982.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060982.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060982.D (-2901) (-)





#71

Bromoform

Concen: 1.748 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.27 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

ClientSampled :

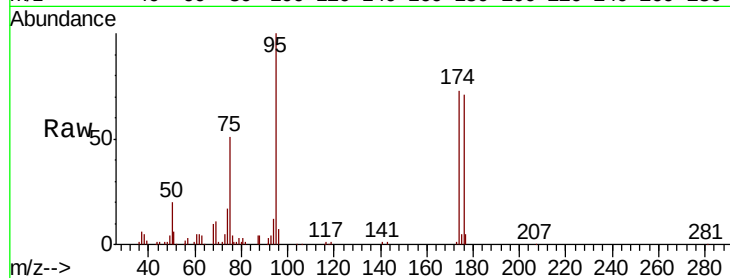
Tot Ion:173 Resp: 83

Ion Ratio Lower Upper

173 100

175 5659.0 24.1 72.4#

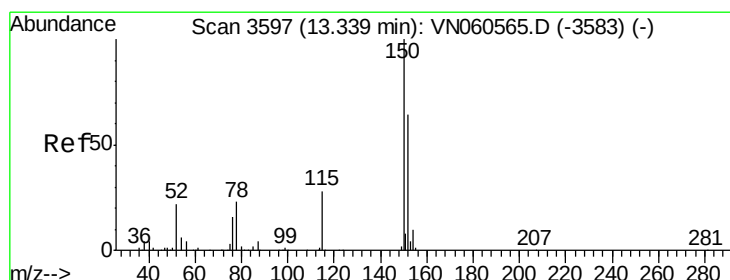
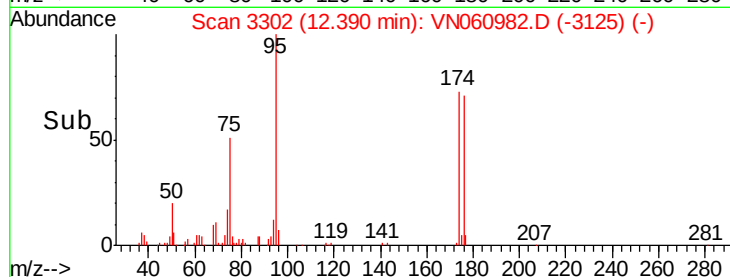
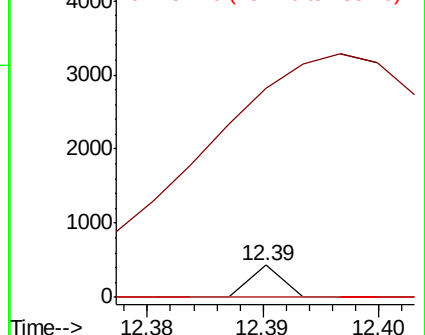
254 0.0 0.0 0.0



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

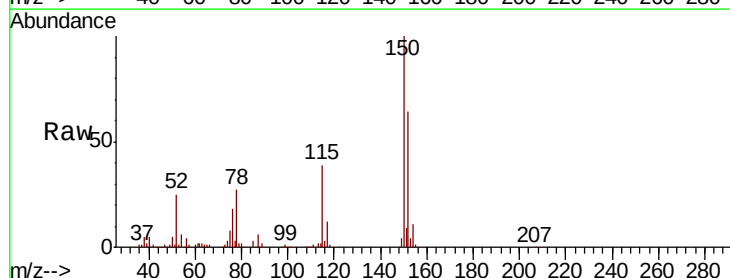
Tgt Ion:152 Resp: 87507

Ion Ratio Lower Upper

152 100

115 60.6 30.2 90.6

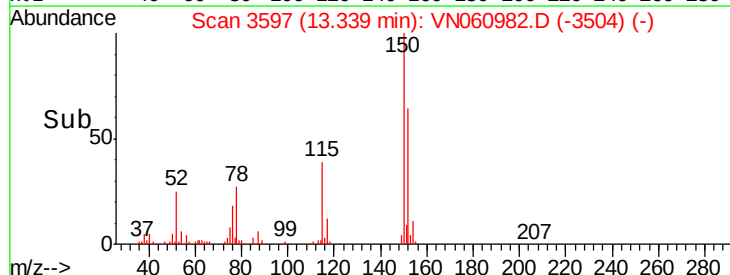
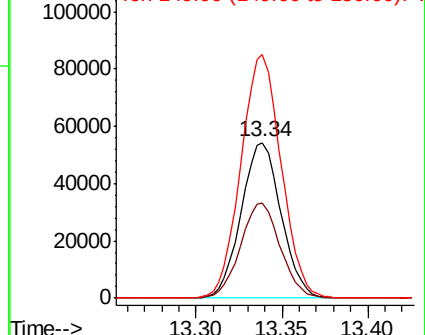
150 157.9 0.0 350.2

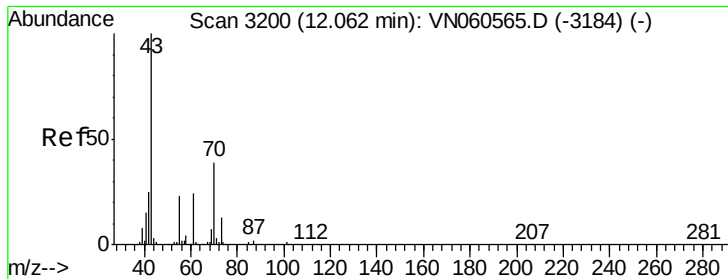


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.969 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 2942

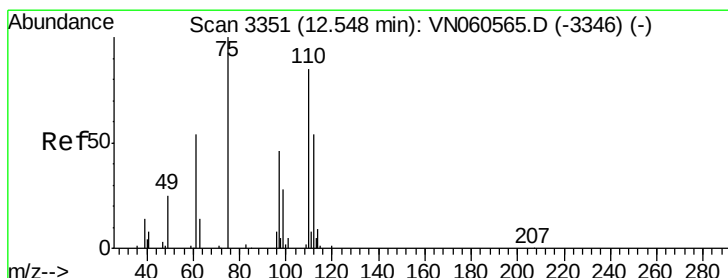
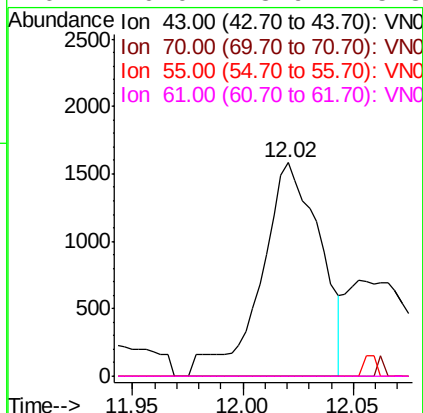
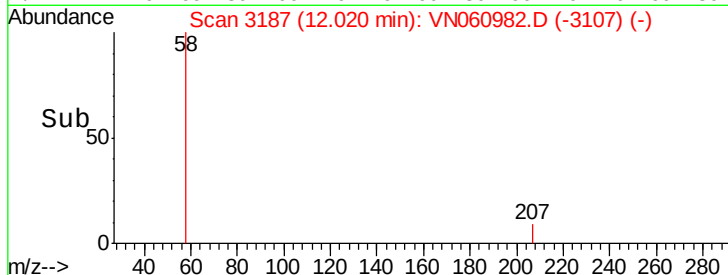
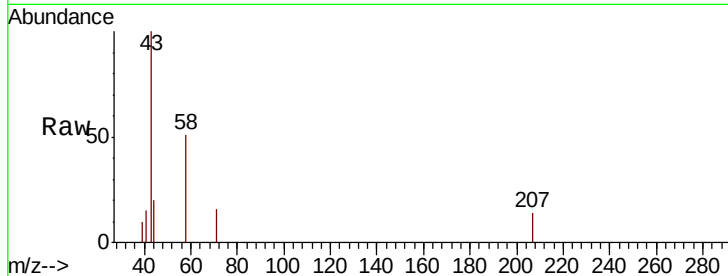
Ion Ratio Lower Upper

43 100

70 0.0 31.1 46.7#

55 0.0 18.6 27.8#

61 0.0 18.9 28.3#



#76

1,2,3-Trichloropropane

Concen: 26.260 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060982.D

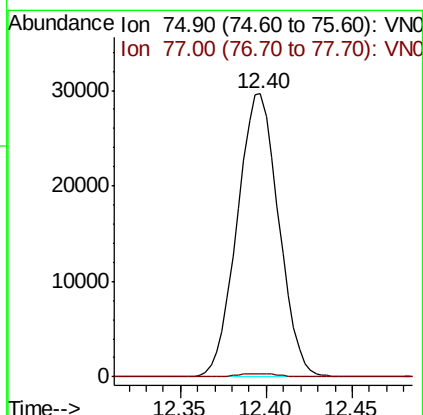
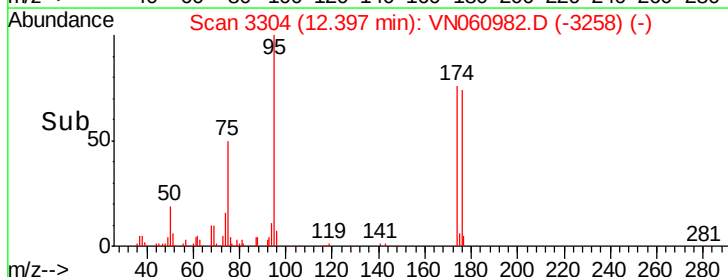
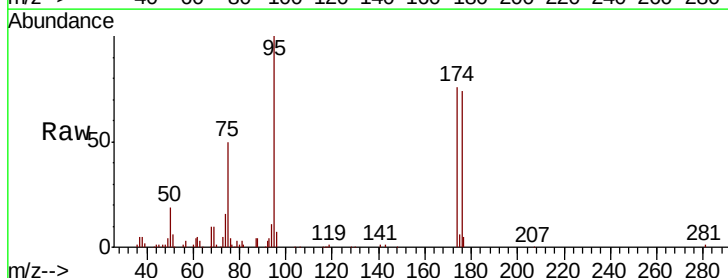
Acq: 15 Apr 2020 23:25

Tgt Ion: 75 Resp: 49584

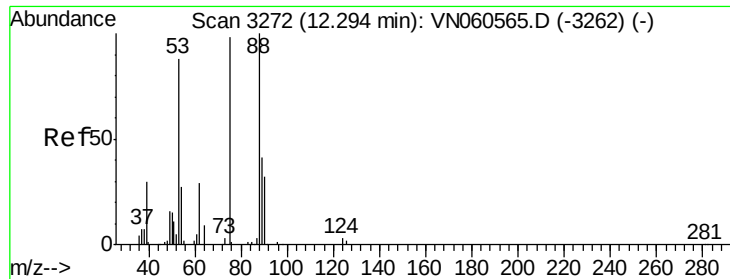
Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#







#81

trans-1,4-Dichloro-2-butene

Concen: 67.443 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

ClientSampleId :

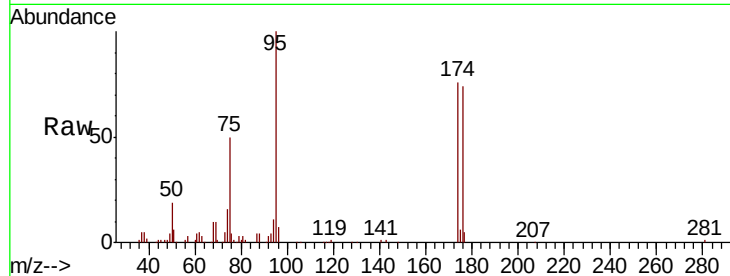
Tot Ion: 75 Resp: 49584

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

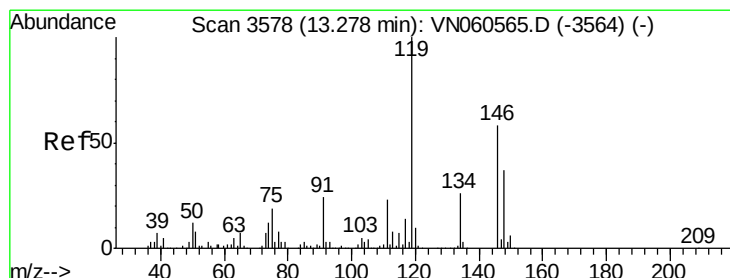
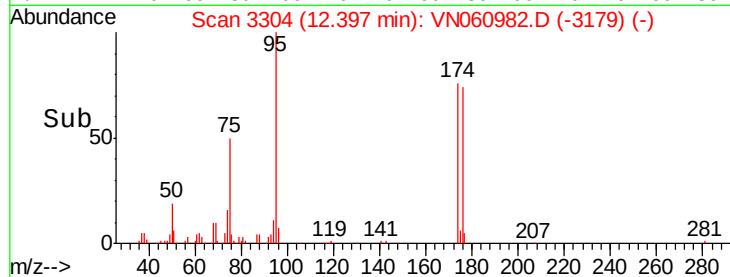
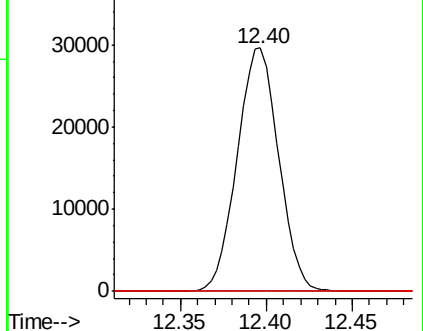
89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060982.D (-3304) (-)

Ion 53.00 (52.70 to 53.70): VN060982.D (-3304) (-)

Ion 88.90 (88.60 to 89.60): VN060982.D (-3304) (-)



#87

1,3-Dichlorobenzene

Concen: 0.201 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

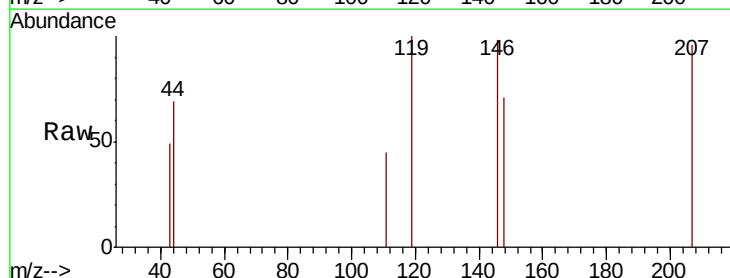
Tgt Ion: 146 Resp: 561

Ion Ratio Lower Upper

146 100

111 17.8 20.3 60.8#

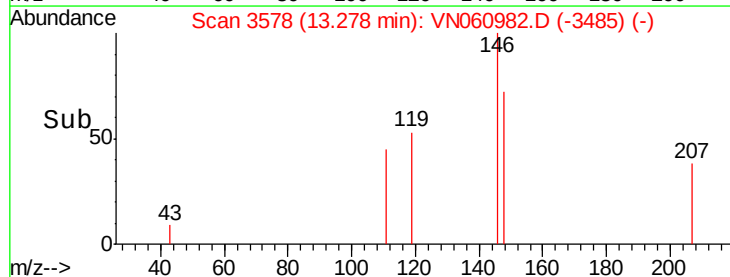
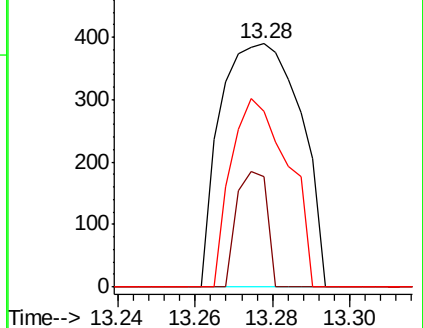
148 54.9 32.5 97.4

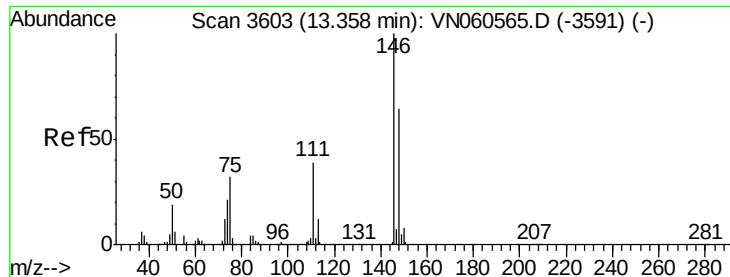


Abundance Ion 145.90 (145.60 to 146.60): VN060982.D (-3578) (-)

Ion 110.90 (110.60 to 111.60): VN060982.D (-3578) (-)

Ion 147.90 (147.60 to 148.60): VN060982.D (-3578) (-)

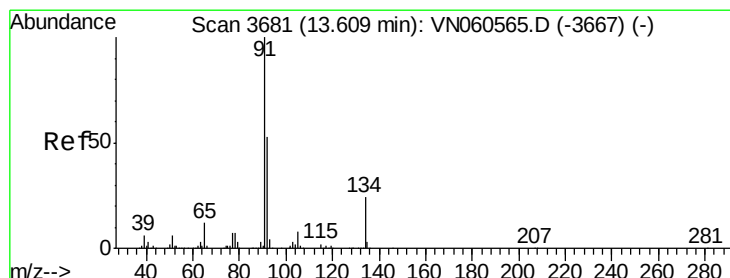
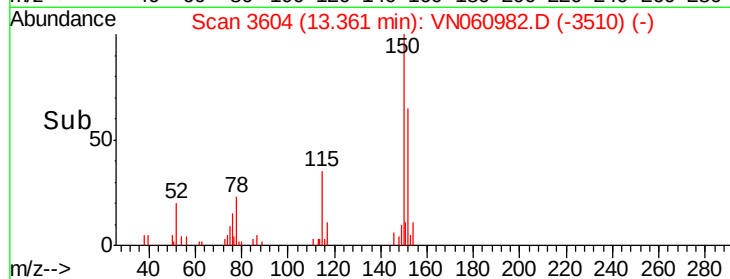
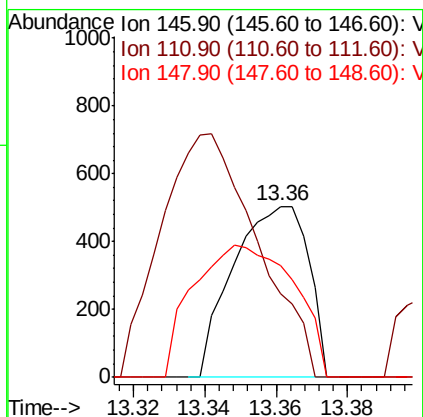
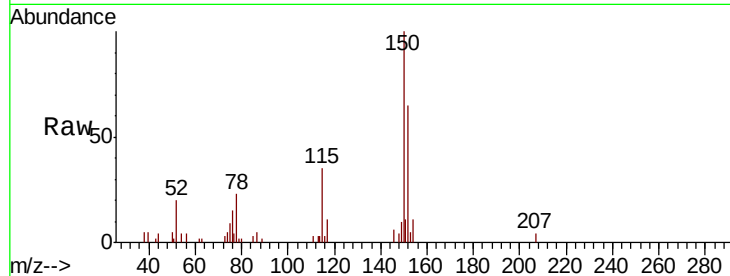




#88  
 1,4-Dichlorobenzene  
 Concen: 0.262 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

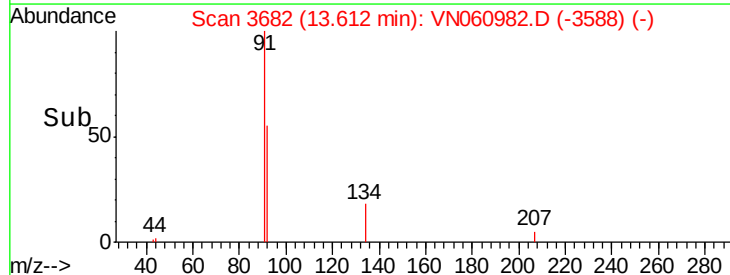
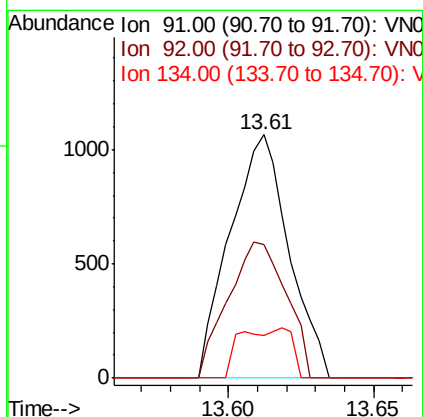
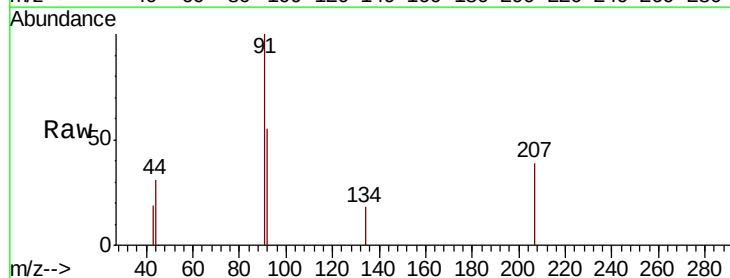
Instrument :  
 MSVOA\_N  
 ClientSampled :

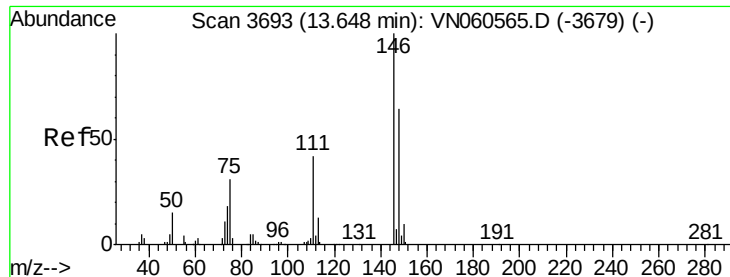
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 182.2 | 19.6  | 58.7# |
| 148     | 103.1 | 32.1  | 96.3# |



#89  
 n-Butylbenzene  
 Concen: 0.297 ug/l  
 RT: 13.61 min Scan# 3682  
 Delta R.T. 0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.5  | 26.2  | 78.5  |
| 134     | 10.0  | 12.3  | 36.9# |

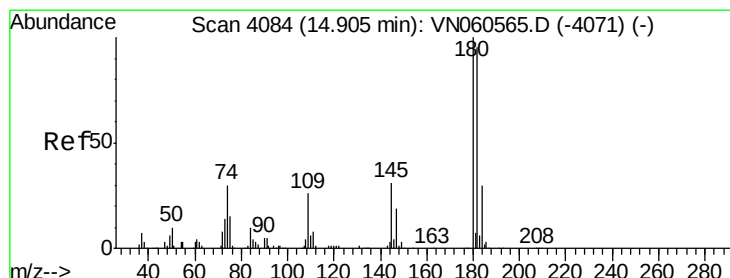
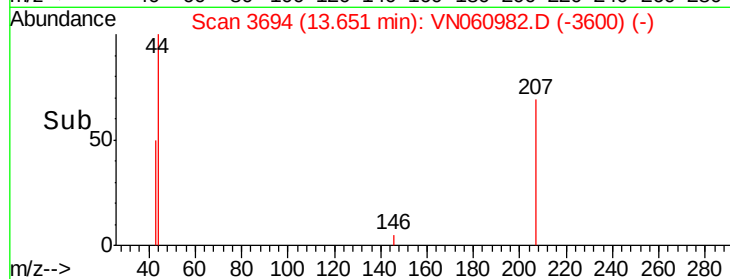
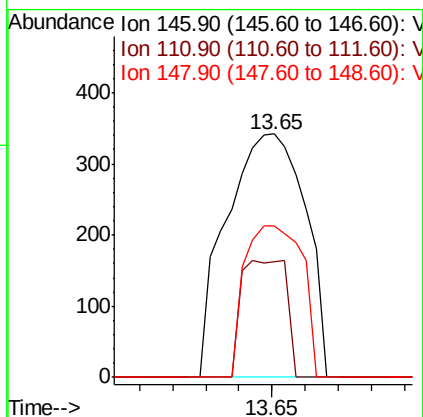
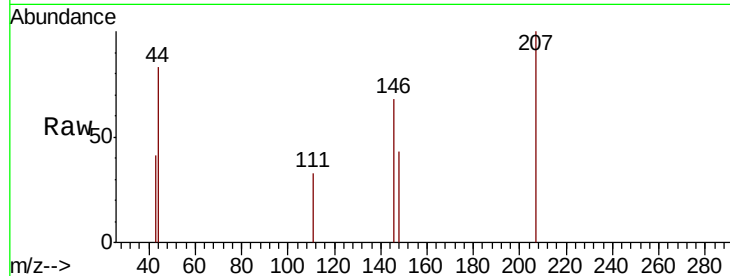




#91  
 1,2-Dichlorobenzene  
 Concen: 0.212 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

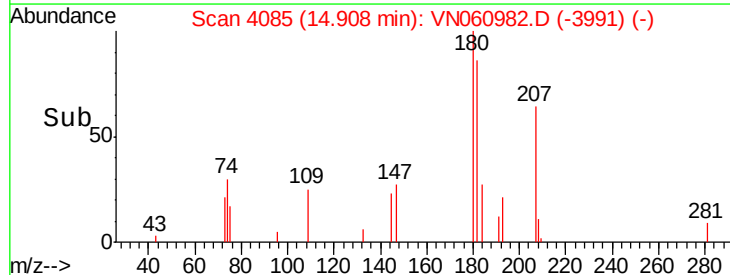
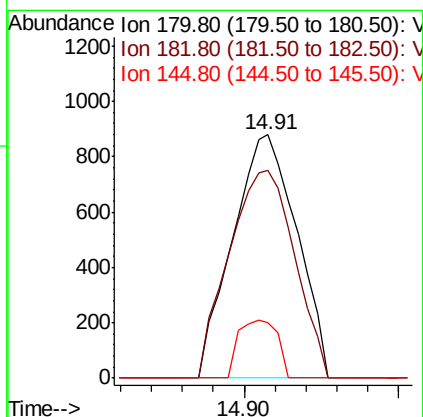
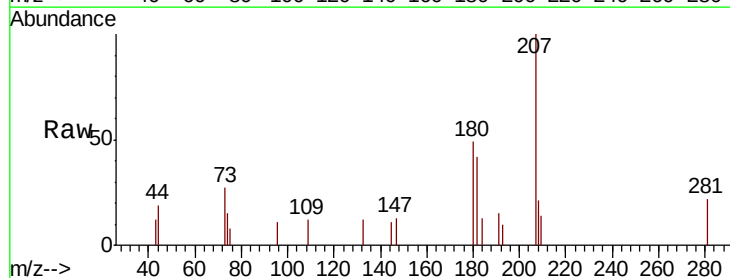
Instrument :  
 MSVOA\_N  
 ClientSampled :

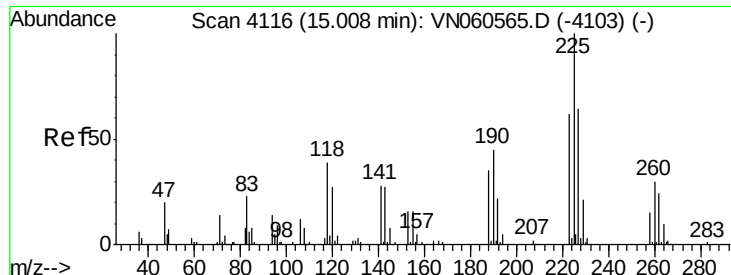
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 27.4  | 21.0  | 63.0  |
| 148     | 45.5  | 31.9  | 95.5  |



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.773 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 87.4  | 47.9  | 143.8 |
| 145     | 14.3  | 15.4  | 46.2  |





#94

Hexachlorobutadiene

Concen: 0.549 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

Instrument :

MSVOA\_N

ClientSampled :

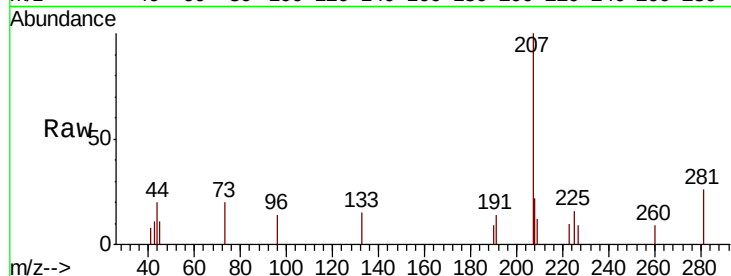
Tot Ion:225 Resp: 441

Ion Ratio Lower Upper

225 100

223 41.7 31.6 95.0

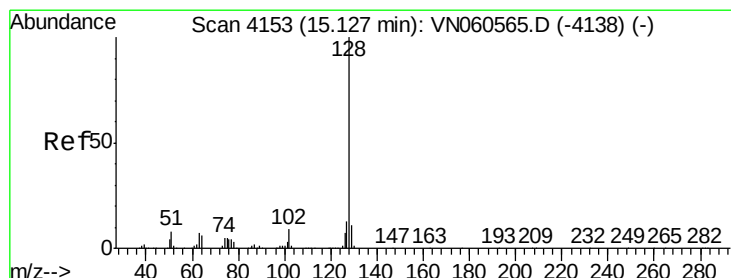
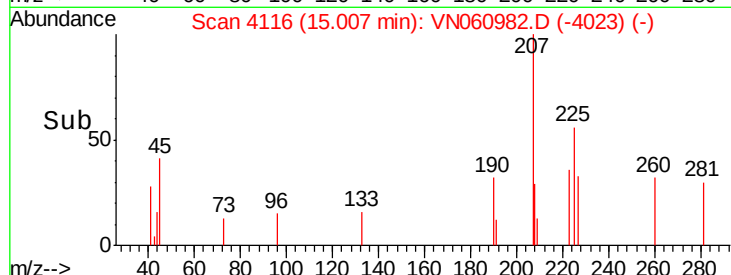
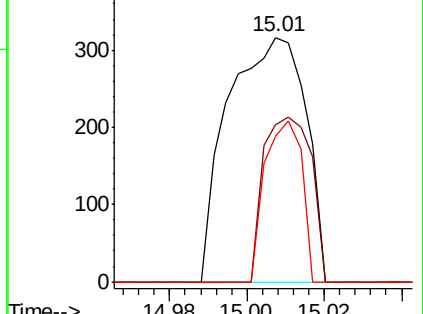
227 31.5 32.3 96.8#



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: 0.973 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060982.D

Acq: 15 Apr 2020 23:25

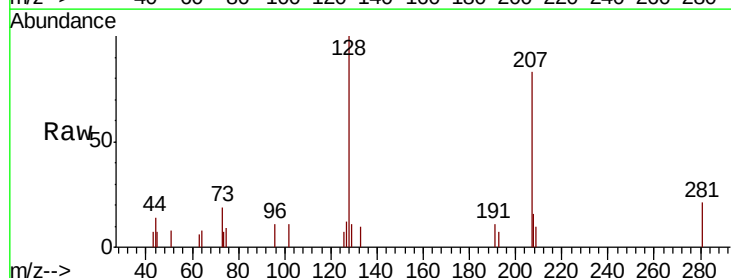
Tgt Ion:128 Resp: 4798

Ion Ratio Lower Upper

128 100

127 10.6 10.2 15.2

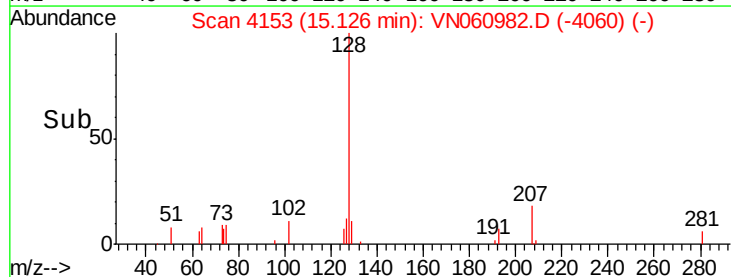
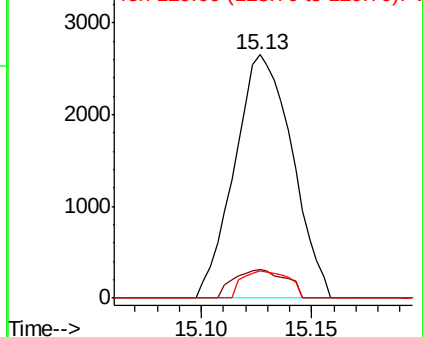
129 8.9 8.8 13.2

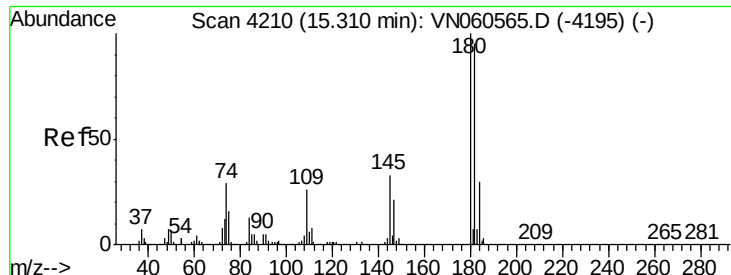


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.823 ug/l  
 RT: 15.31 min Scan# 4210  
 Delta R.T. -0.00 min  
 Lab File: VN060982.D  
 Acq: 15 Apr 2020 23:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 47.5  | 142.6 |
| 145     | 29.0  | 16.3  | 48.8  |

