

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\  
 Data File : VN061470.D  
 Acq On : 19 May 2020 9:16  
 Operator : JC/MD  
 Sample : L2676-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 19 11:43:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 18 13:09:55 2020  
 Response via : Initial Calibration

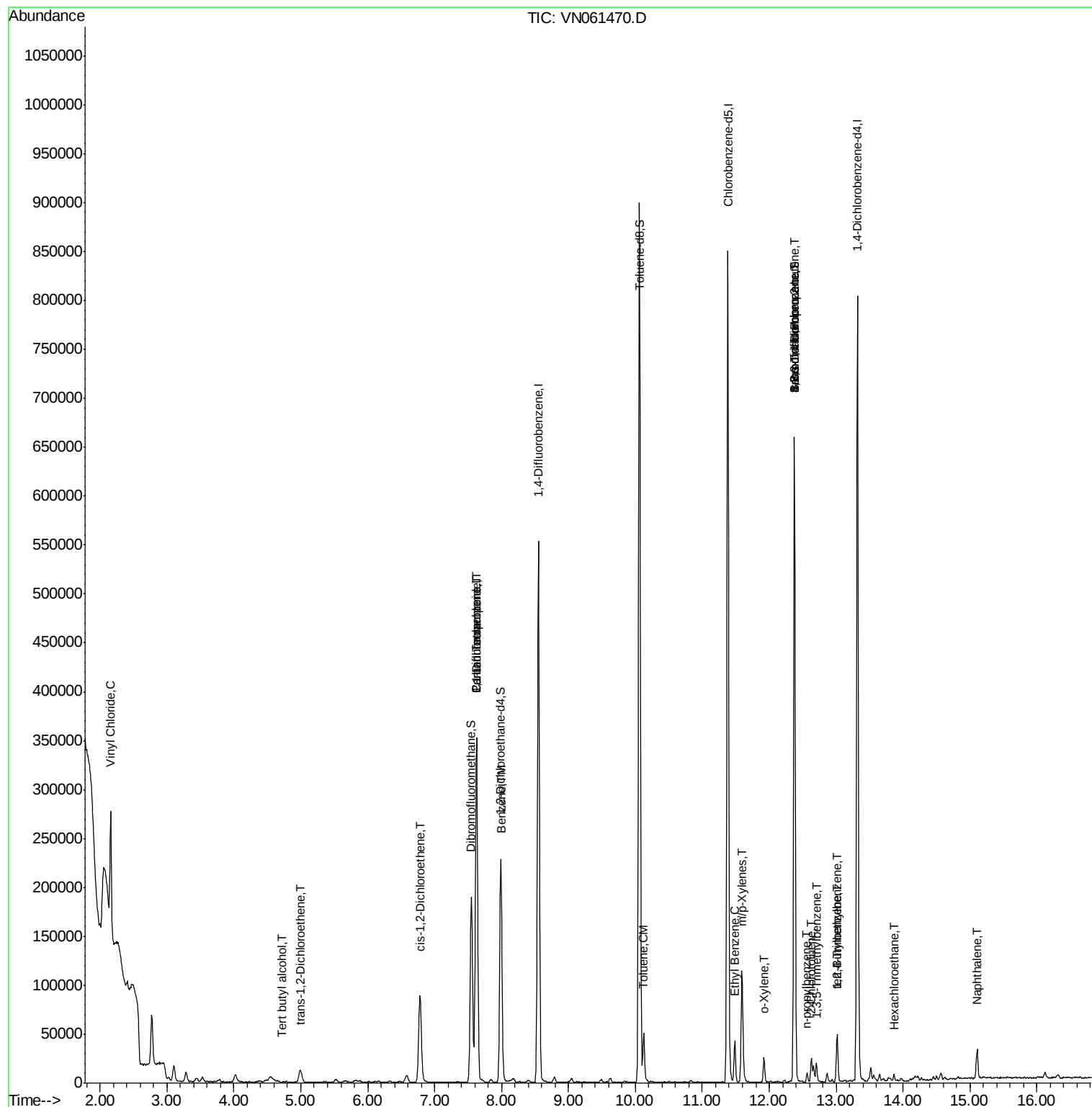
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 7.63   | 168  | 276114   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.55   | 114  | 501623   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.38  | 117  | 489598   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.32  | 152  | 211286   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 7.99   | 65   | 191328   | 46.43     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 92.86%  |          |
| 35) Dibromofluoromethane       | 7.55   | 113  | 147711   | 56.21     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 112.42% |          |
| 50) Toluene-d8                 | 10.06  | 98   | 626379   | 51.39     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 102.78% |          |
| 62) 4-Bromofluorobenzene       | 12.37  | 95   | 240171   | 52.74     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 105.48% |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 4) Vinyl Chloride              | 2.16   | 62   | 87605    | 16.346    | ug/l    | 99       |
| 5) Bromomethane                | 2.54   | 94   | 234      | Below Cal | #       | 56       |
| 11) Tert butyl alcohol         | 4.72   | 59   | 139      | 0.293     | ug/l #  | 73       |
| 13) Acrolein                   | 3.54   | 56   | 29       | Below Cal | #       | 1        |
| 16) Acetone                    | 3.78   | 43   | 3304     | Below Cal |         | 99       |
| 17) Carbon Disulfide           | 4.00   | 76   | 1545     | Below Cal | #       | 75       |
| 18) Methyl Acetate             | 4.31   | 43   | 141      | Below Cal | #       | 49       |
| 21) trans-1,2-Dichloroethene   | 4.98   | 96   | 6577     | 2.015     | ug/l    | 96       |
| 27) cis-1,2-Dichloroethene     | 6.78   | 96   | 59057    | 15.319    | ug/l    | 84       |
| 31) Cyclohexane                | 7.62   | 56   | 7273     | Below Cal | #       | 6        |
| 36) 1,1-Dichloropropene        | 7.63   | 75   | 23141    | 4.934     | ug/l #  | 49       |
| 38) Carbon Tetrachloride       | 7.63   | 117  | 29332    | 6.791     | ug/l #  | 15       |
| 40) Benzene                    | 8.00   | 78   | 12405    | 0.878     | ug/l    | 98       |
| 52) Toluene                    | 10.13  | 92   | 21190    | 2.335     | ug/l    | 99       |
| 67) Ethyl Benzene              | 11.48  | 91   | 31582    | 1.733     | ug/l    | 96       |
| 68) m/p-Xylenes                | 11.59  | 106  | 39779    | 5.750     | ug/l    | 94       |
| 69) o-Xylene                   | 11.92  | 106  | 6867     | 1.026     | ug/l    | 89       |
| 71) Bromoform                  | 12.38  | 173  | 1555     | 2.556     | ug/l #  | 1        |
| 76) 1,2,3-Trichloropropane     | 12.37  | 75   | 125150   | 27.605    | ug/l #  | 100      |
| 78) n-propylbenzene            | 12.57  | 91   | 8385     | 0.434     | ug/l    | 95       |
| 79) 2-Chlorotoluene            | 12.63  | 91   | 3043     | 0.266     | ug/l #  | 42       |
| 80) 1,3,5-Trimethylbenzene     | 12.71  | 105  | 7224     | 0.520     | ug/l    | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.37  | 75   | 125150   | 73.229    | ug/l #  | 12       |
| 83) tert-Butylbenzene          | 13.01  | 119  | 3559     | 0.299     | ug/l #  | 63       |
| 84) 1,2,4-Trimethylbenzene     | 13.01  | 105  | 29153    | 2.097     | ug/l    | 98       |
| 90) Hexachloroethane           | 13.86  | 117  | 391      | 0.202     | ug/l #  | 17       |
| 95) Naphthalene                | 15.10  | 128  | 27394    | 2.459     | ug/l    | 98       |

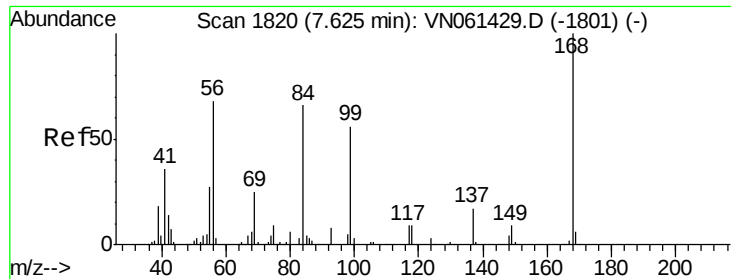
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\  
Data File : VN061470.D  
Acq On : 19 May 2020 9:16  
Operator : JC/MD  
Sample : L2676-01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 19 11:43:55 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260  
QLast Update : Mon May 18 13:09:55 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: VN061470.D

Acq: 19 May 2020 9:16

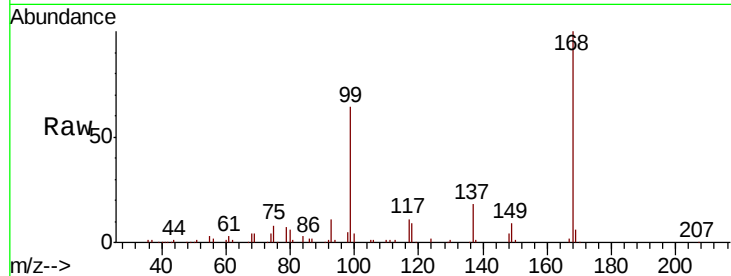
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 276114

Ion Ratio Lower Upper

168 100

99 64.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

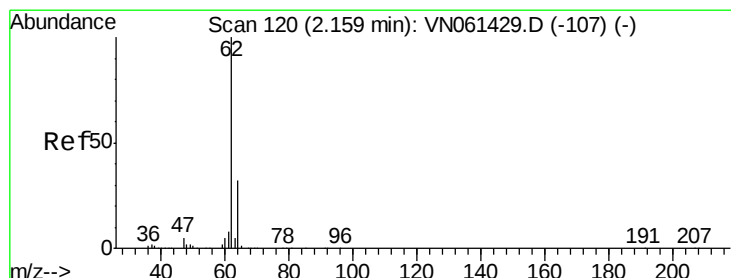
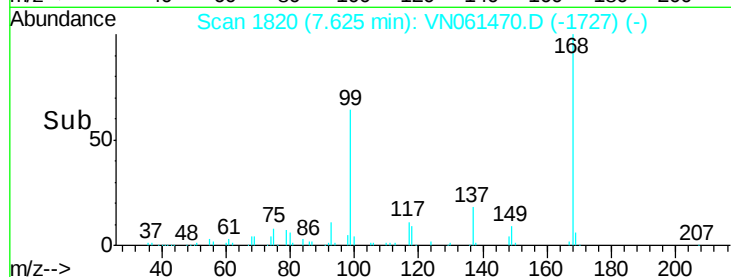
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 16.346 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061470.D

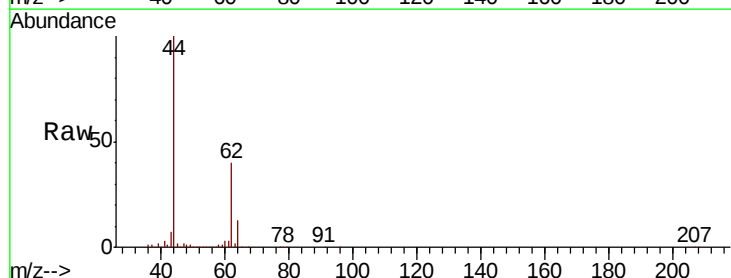
Acq: 19 May 2020 9:16

Tgt Ion: 62 Resp: 87605

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.16

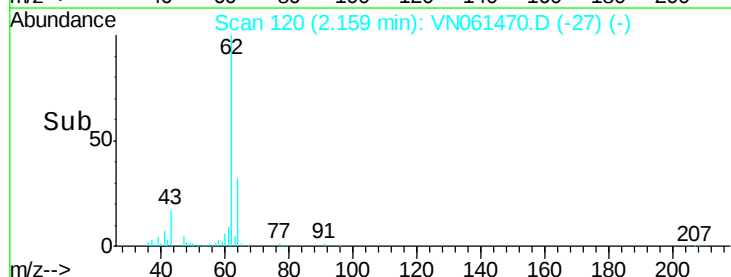
60000

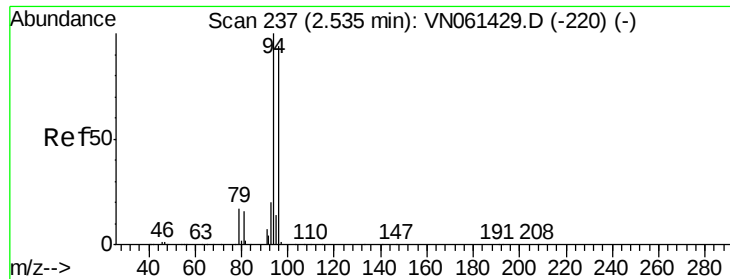
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

Instrument :

MSVOA\_N

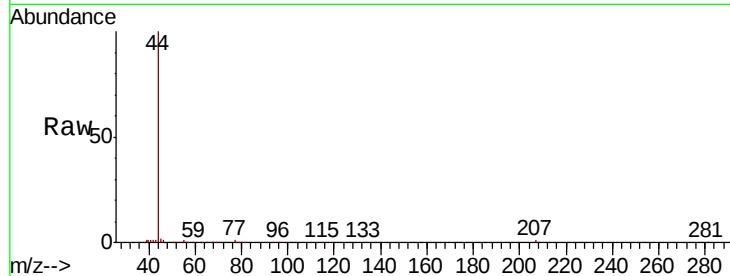
ClientSampled :

Tot Ion: 94 Resp: 234

Ion Ratio Lower Upper

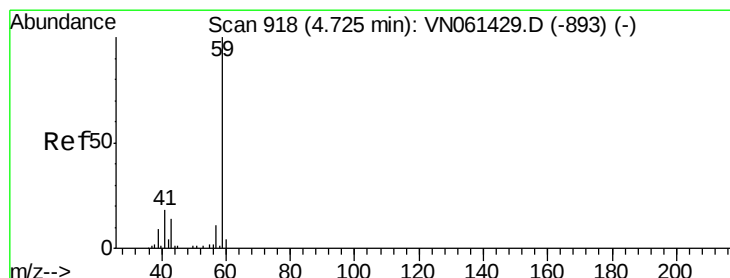
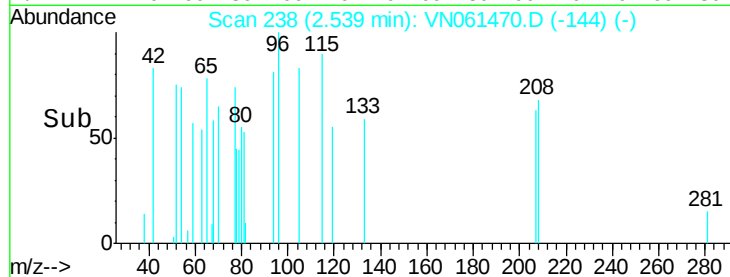
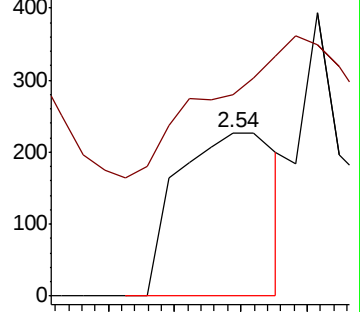
94 100

96 51.1 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.293 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.01 min

Lab File: VN061470.D

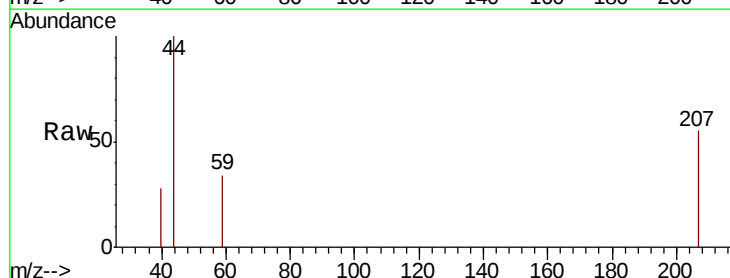
Acq: 19 May 2020 9:16

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

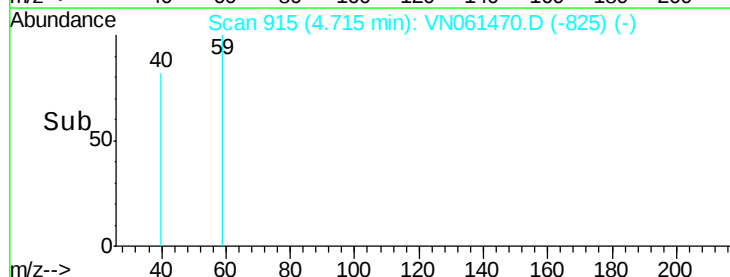
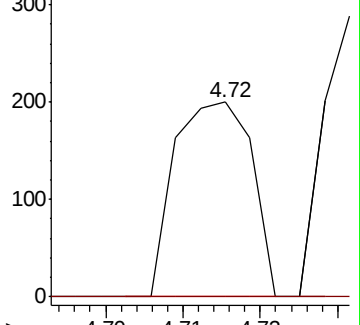
59 100

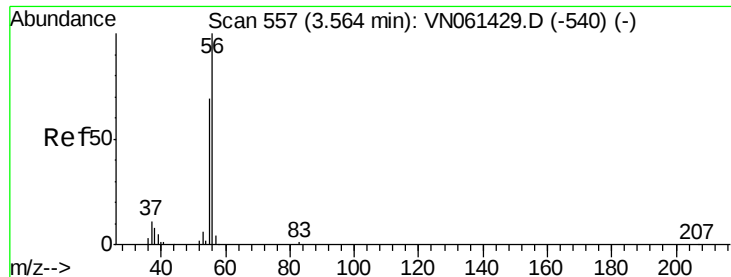
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: Below Cal

RT: 3.54 min Scan# 549

Delta R.T. -0.03 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

Instrument :

MSVOA\_N

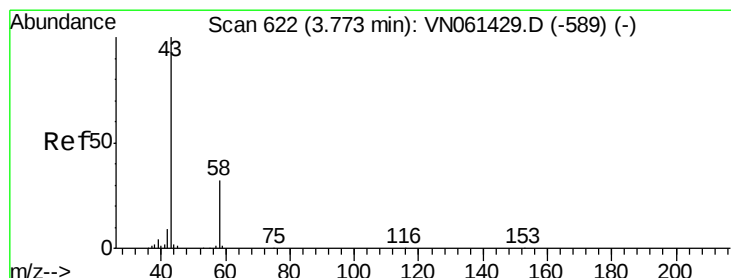
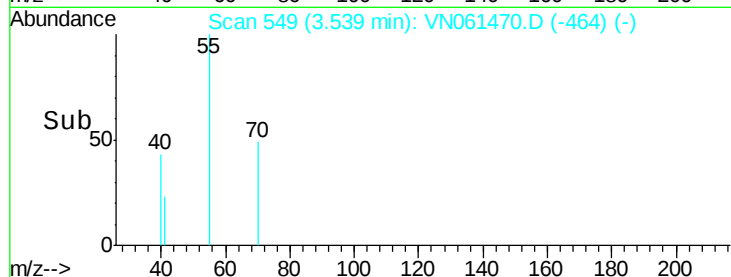
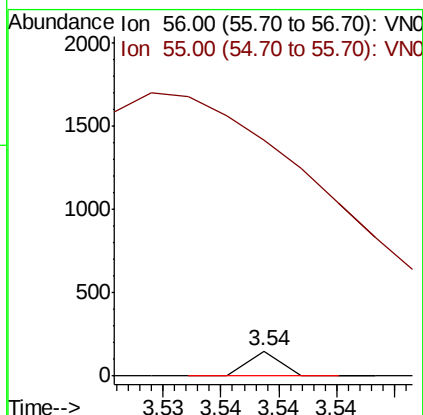
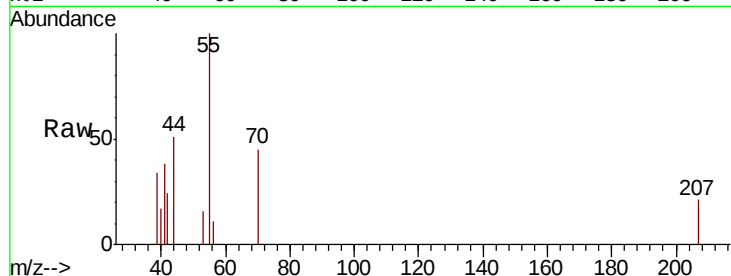
ClientSampleId :

Tot Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 15286.2 54.8 82.2#



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061470.D

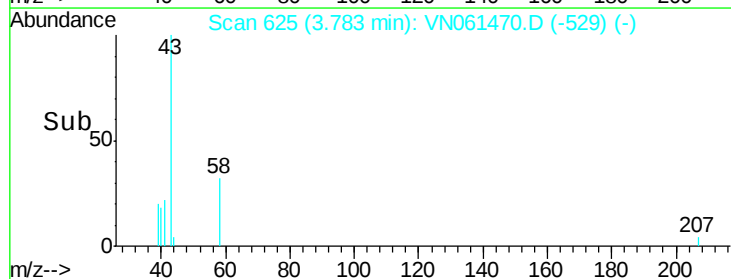
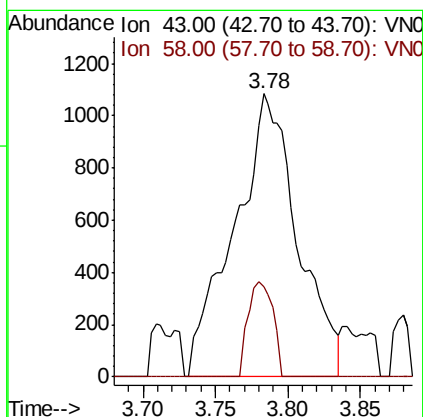
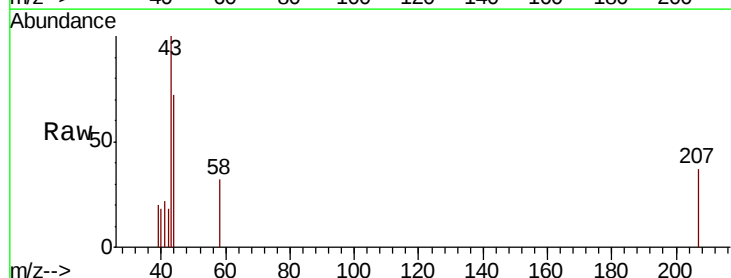
Acq: 19 May 2020 9:16

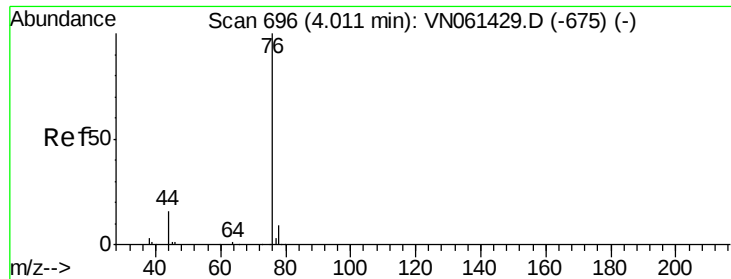
Tgt Ion: 43 Resp: 3304

Ion Ratio Lower Upper

43 100

58 31.6 25.6 38.4

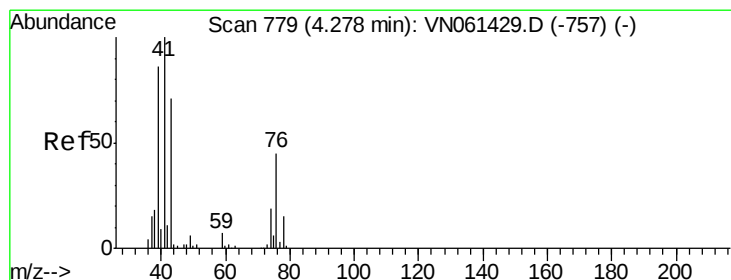
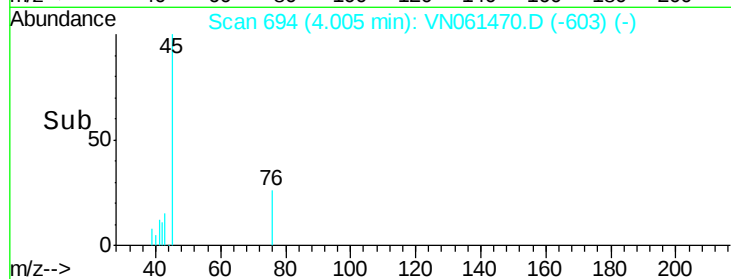
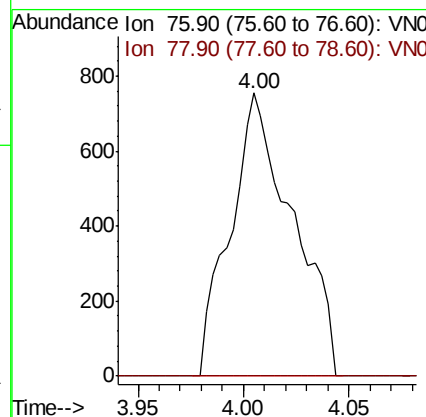
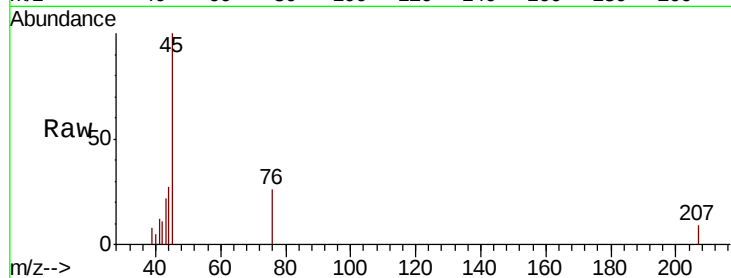




#17  
Carbon Disulfide  
Concen: Below Cal  
RT: 4.00 min Scan# 694  
Delta R.T. -0.01 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

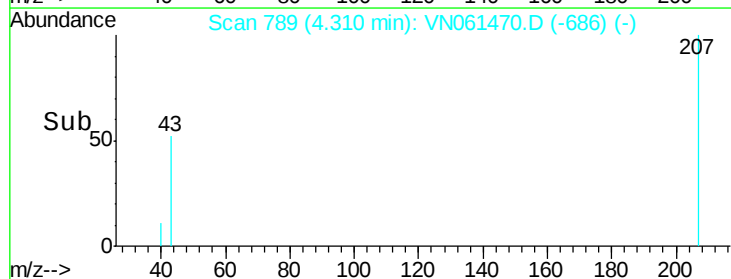
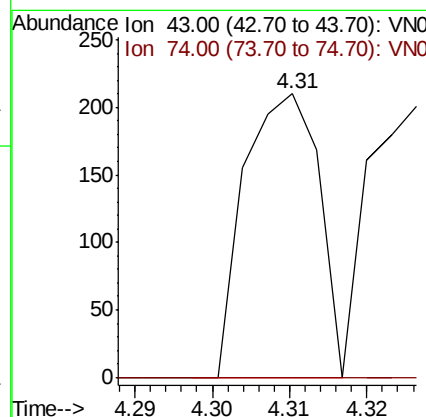
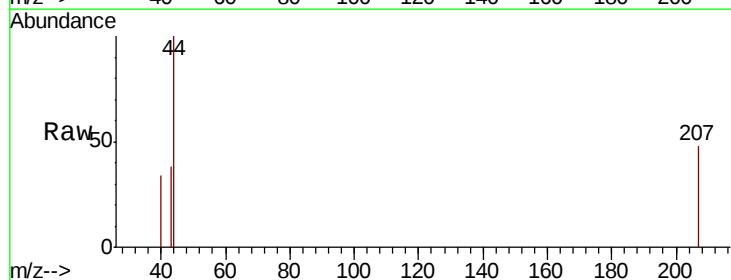
Instrument :  
MSVOA\_N  
ClientSampleId :

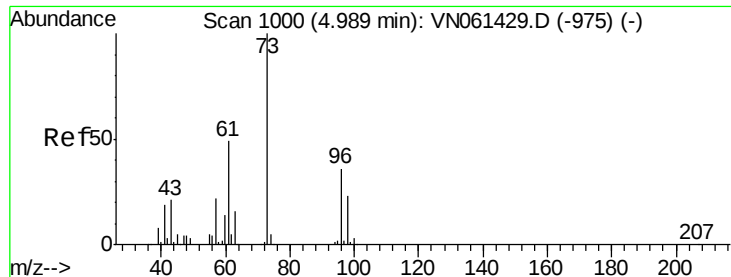
Tot Ion: 76 Resp: 1545  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.31 min Scan# 789  
Delta R.T. 0.03 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

Tgt Ion: 43 Resp: 141  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.8 31.2#

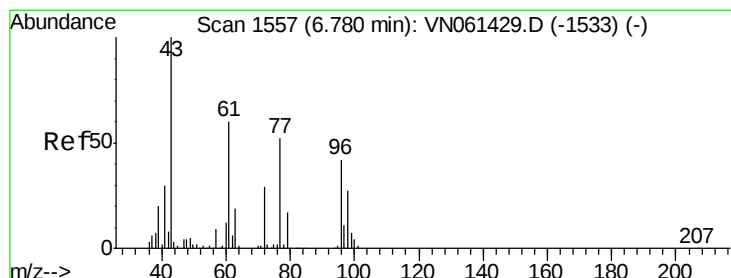
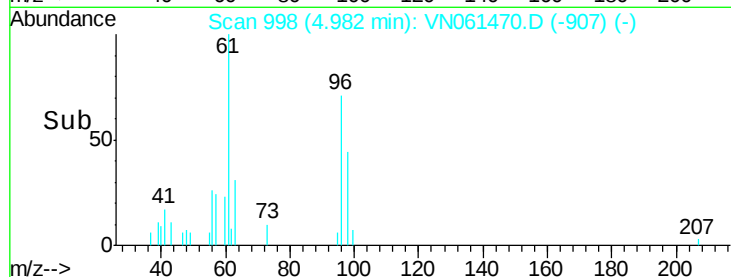
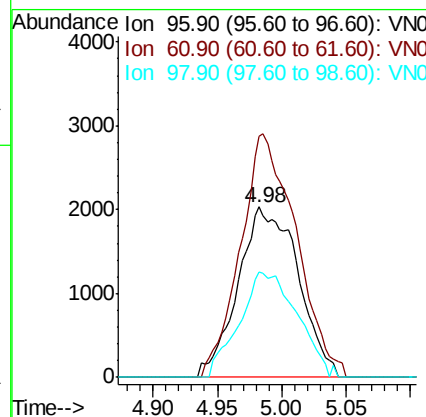
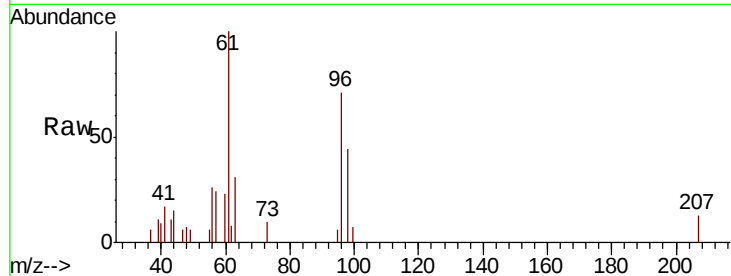




#21  
trans-1,2-Dichloroethene  
Concen: 2.015 ug/l  
RT: 4.98 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

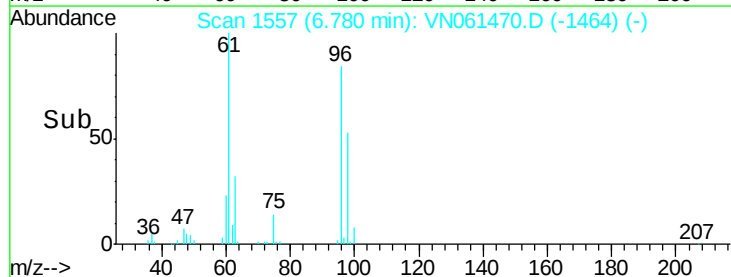
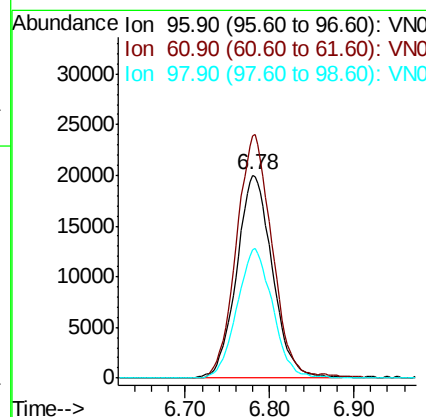
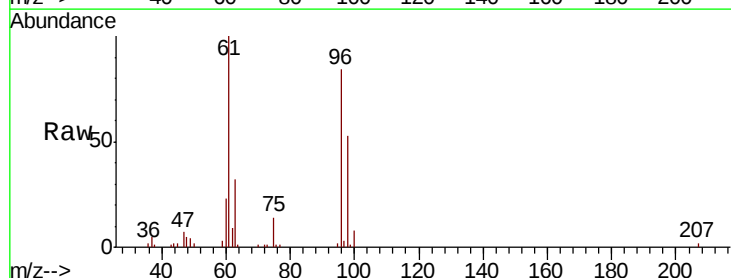
Instrument :  
MSVOA\_N  
ClientSampleId :

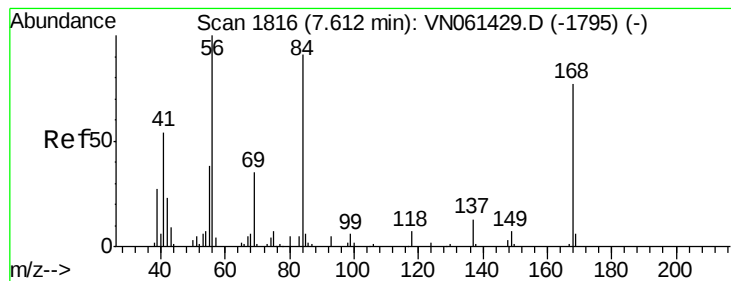
Tot Ion: 96 Resp: 6577  
Ion Ratio Lower Upper  
96 100  
61 141.3 109.8 164.6  
98 61.9 52.4 78.6



#27  
cis-1,2-Dichloroethene  
Concen: 15.319 ug/l  
RT: 6.78 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

Tgt Ion: 96 Resp: 59057  
Ion Ratio Lower Upper  
96 100  
61 119.0 0.0 294.2  
98 63.2 0.0 128.2





#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

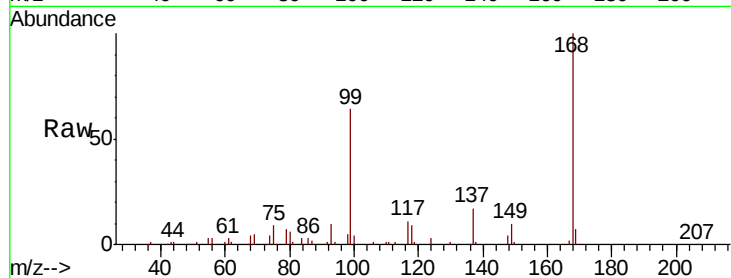
Lab File: VN061470.D

Acq: 19 May 2020 9:16

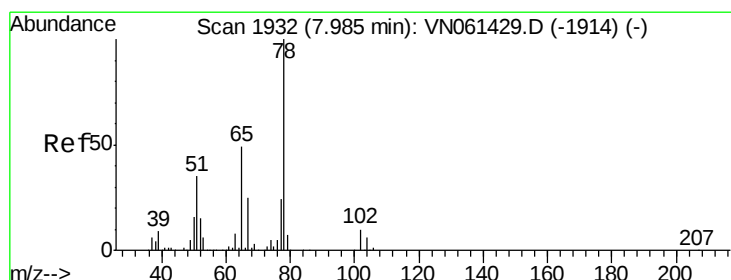
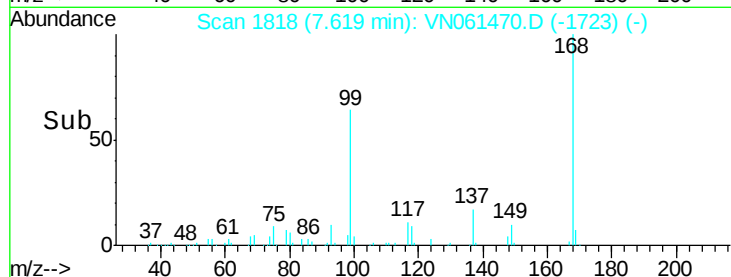
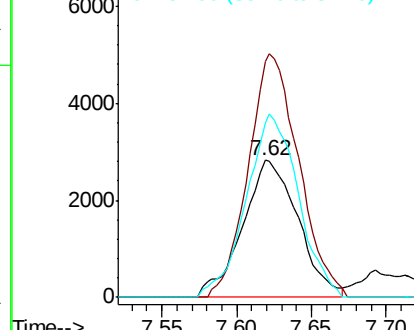
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 7273

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 56  | 100   |       |        |
| 69  | 172.1 | 27.8  | 41.6#  |
| 84  | 127.8 | 72.7  | 109.1# |



Abundance Ion 56.00 (55.70 to 56.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 46.429 ug/l

RT: 7.99 min Scan# 1933

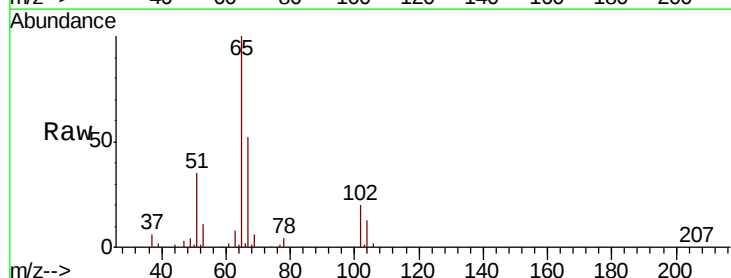
Delta R.T. 0.00 min

Lab File: VN061470.D

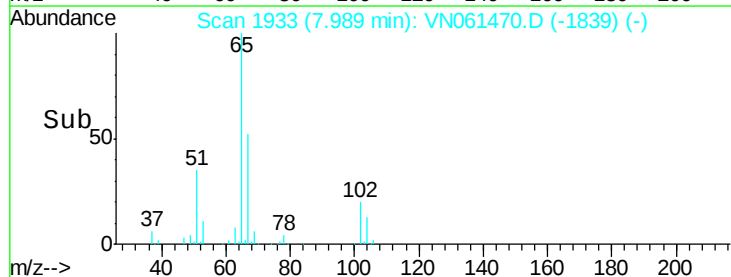
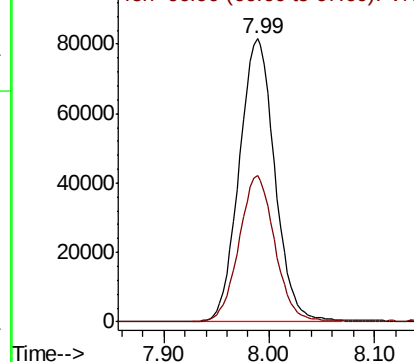
Acq: 19 May 2020 9:16

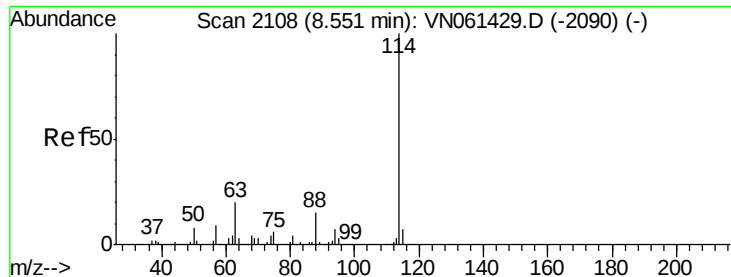
Tgt Ion: 65 Resp: 191328

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.2  | 0.0   | 101.4 |



Abundance Ion 64.90 (64.60 to 65.60): VNC  
Ion 66.90 (66.60 to 67.60): VNC

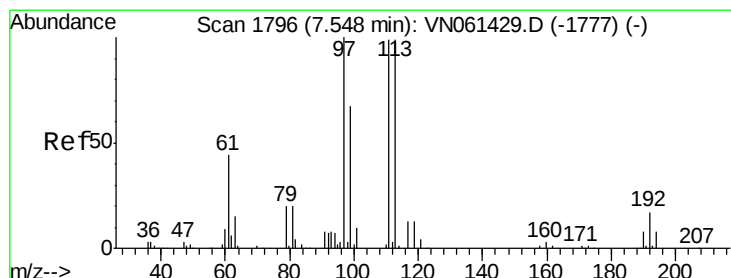
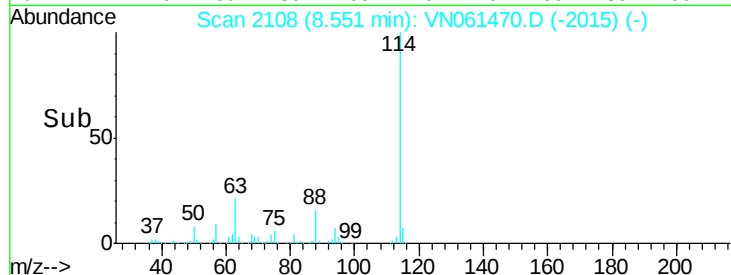
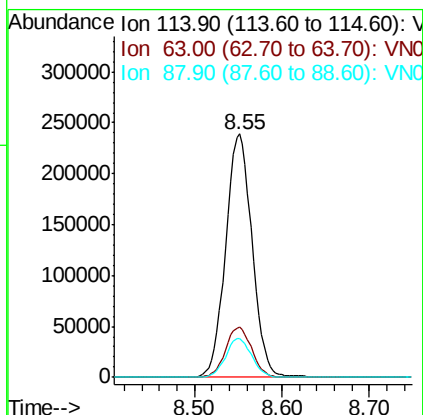
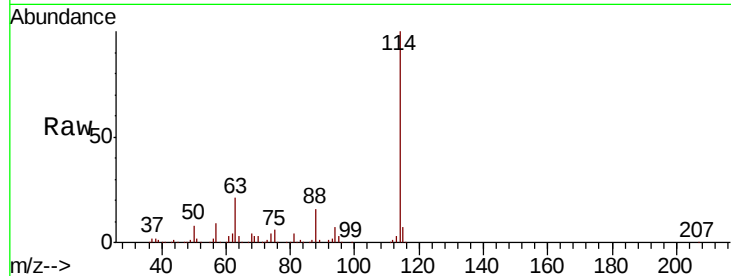




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

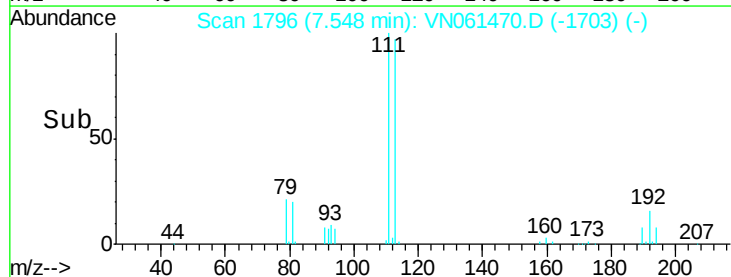
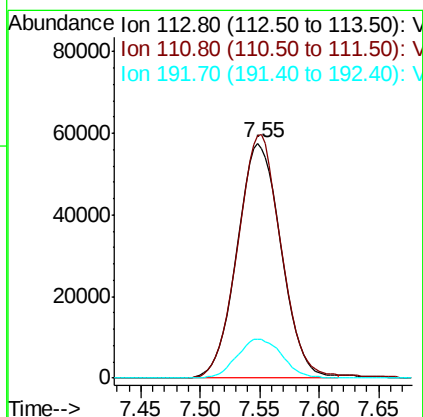
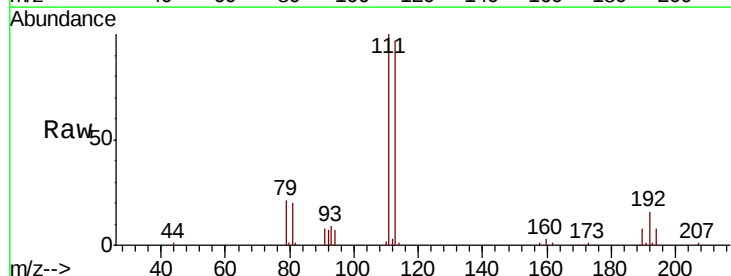
Instrument :  
 MSVOA\_N  
 ClientSampleId :

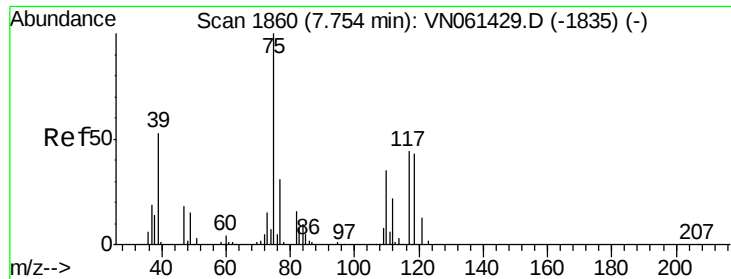
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.6  | 0.0   | 40.8  |
| 88      | 15.7  | 0.0   | 30.8  |



#35  
 Dibromofluoromethane  
 Concen: 56.210 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.9 | 80.6  | 121.0 |
| 192     | 17.1  | 13.2  | 19.8  |

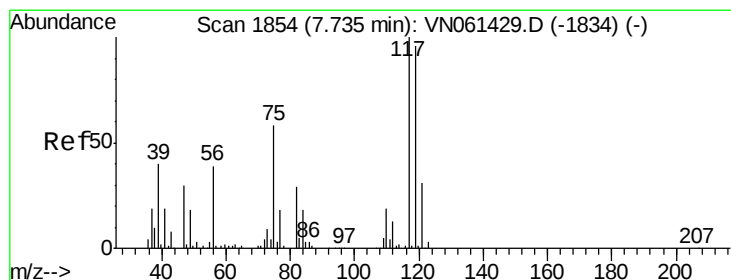
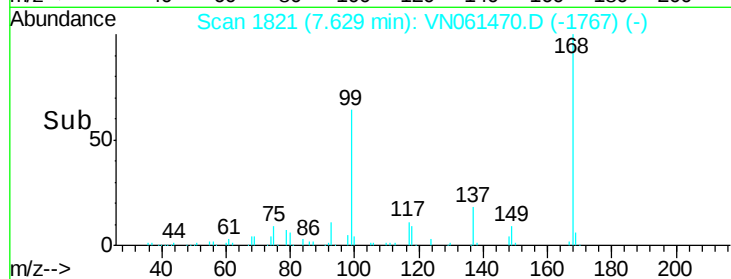
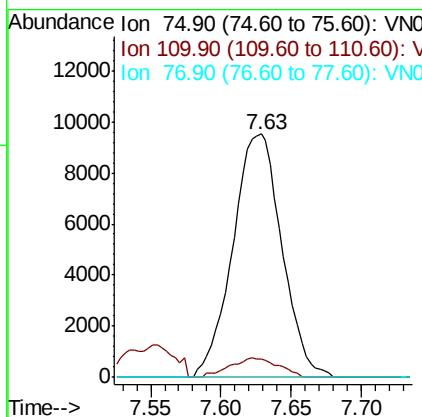
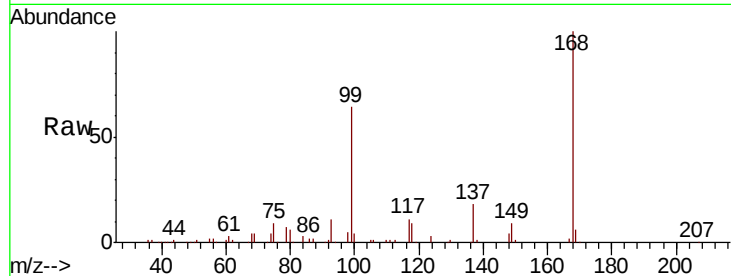




#36  
 1,1-Dichloropropene  
 Concen: 4.934 ug/l  
 RT: 7.63 min Scan# 1821  
 Delta R.T. -0.13 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

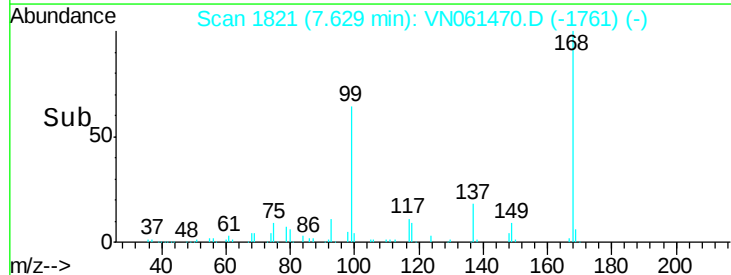
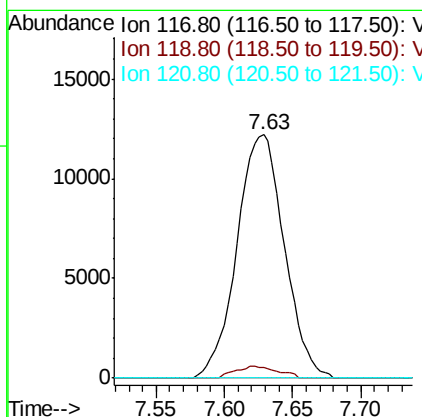
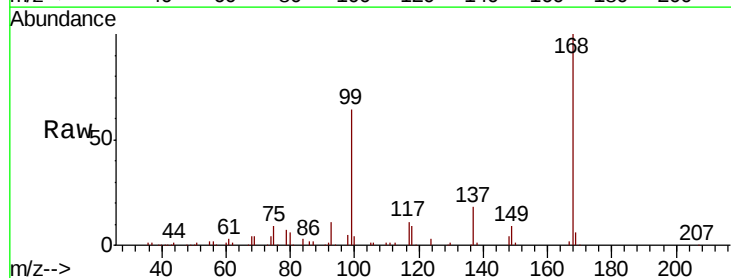
Instrument :  
 MSVOA\_N  
 ClientSampled :

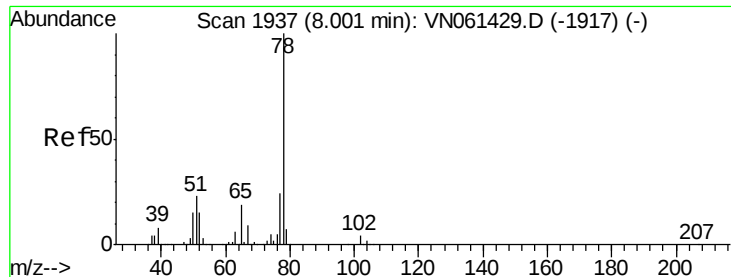
| Tot Ion   | 75    | Resp  | 23141 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 7.9   | 17.3  | 51.9# |
| 77        | 0.0   | 24.9  | 37.3# |



#38  
 Carbon Tetrachloride  
 Concen: 6.791 ug/l  
 RT: 7.63 min Scan# 1821  
 Delta R.T. -0.11 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

| Tgt Ion   | 117   | Resp  | 29332  |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 4.2   | 77.0  | 115.6# |
| 121       | 0.0   | 24.7  | 37.1#  |

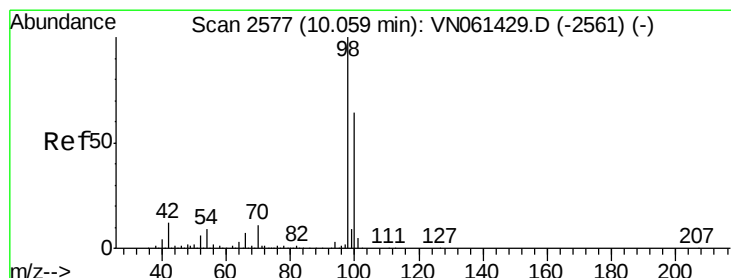
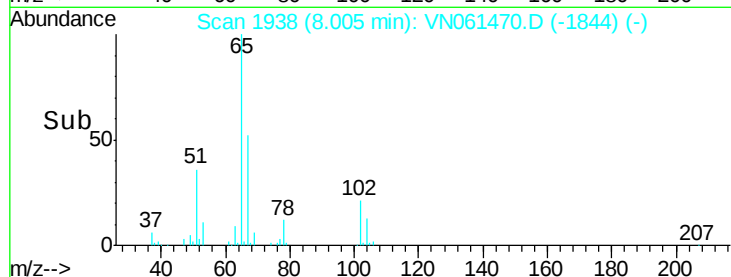
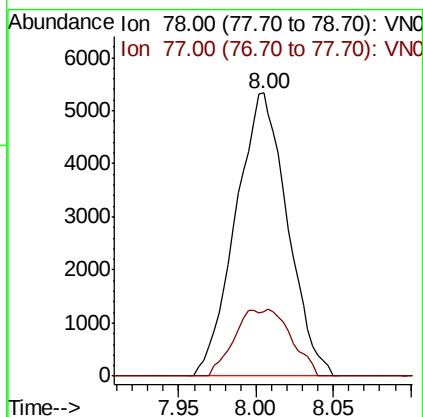
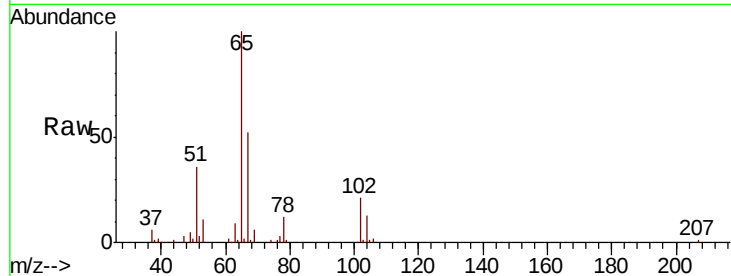




#40  
Benzene  
Concen: 0.878 ug/l  
RT: 8.00 min Scan# 1938  
Delta R.T. 0.00 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

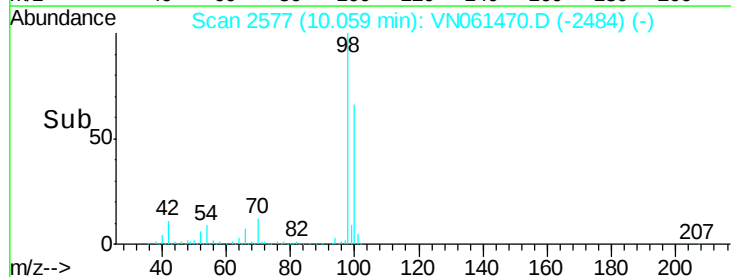
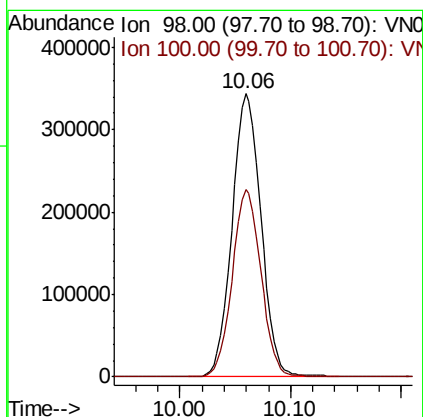
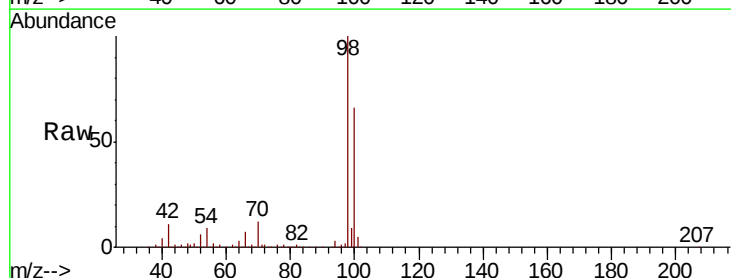
Instrument :  
MSVOA\_N  
ClientSampleId :

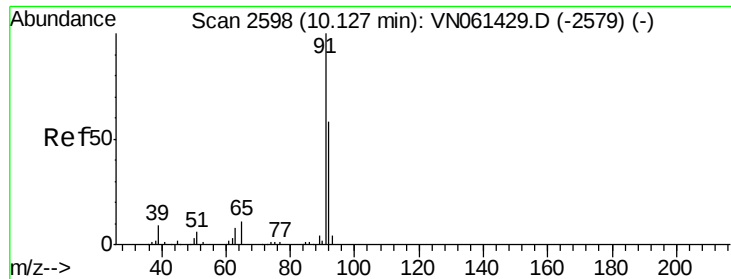
Tot Ion: 78 Resp: 12405  
Ion Ratio Lower Upper  
78 100  
77 22.8 19.1 28.7



#50  
Toluene-d8  
Concen: 51.390 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

Tgt Ion: 98 Resp: 626379  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.8 77.8





#52

Toluene

Concen: 2.335 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

Instrument :

MSVOA\_N

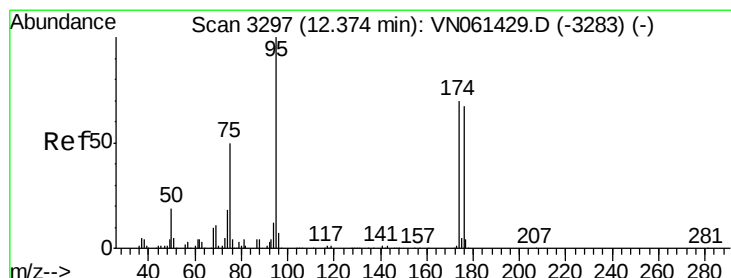
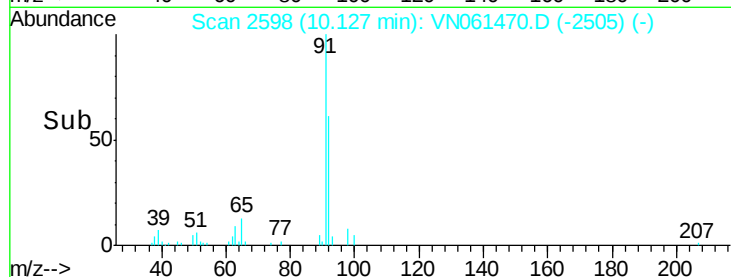
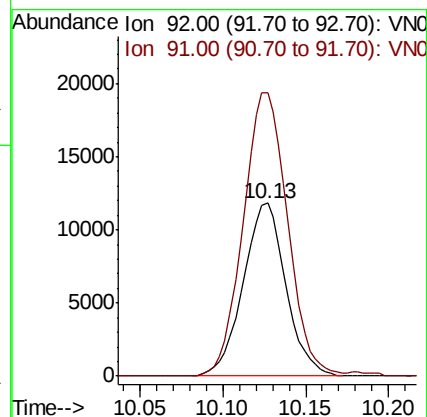
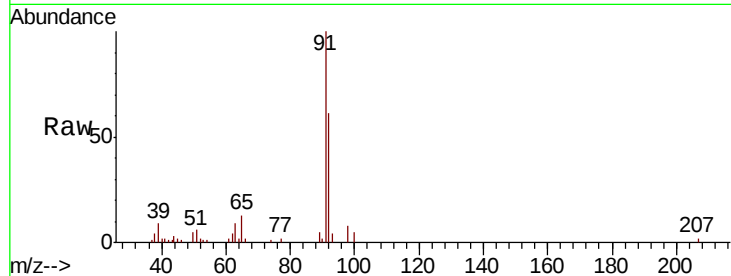
ClientSampleId :

Tot Ion: 92 Resp: 21190

Ion Ratio Lower Upper

92 100

91 170.6 138.0 207.0



#62

4-Bromofluorobenzene

Concen: 52.741 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

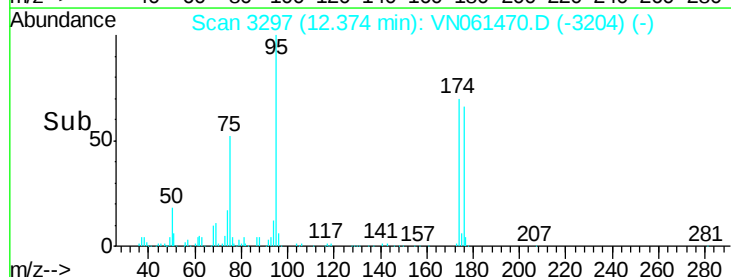
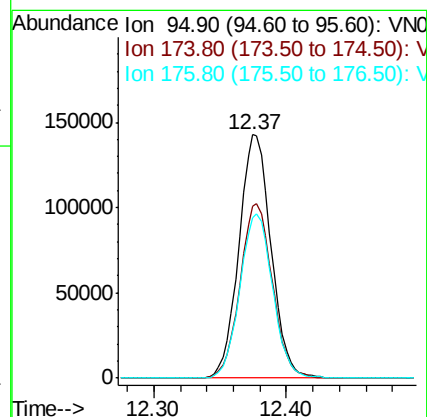
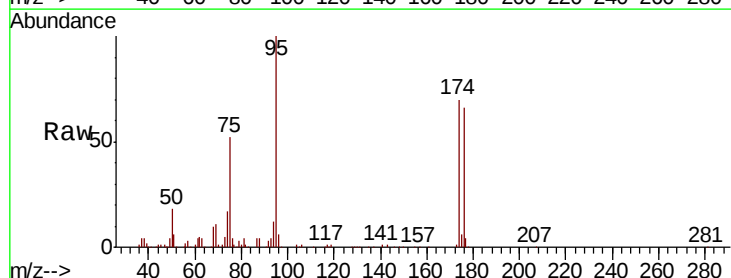
Tgt Ion: 95 Resp: 240171

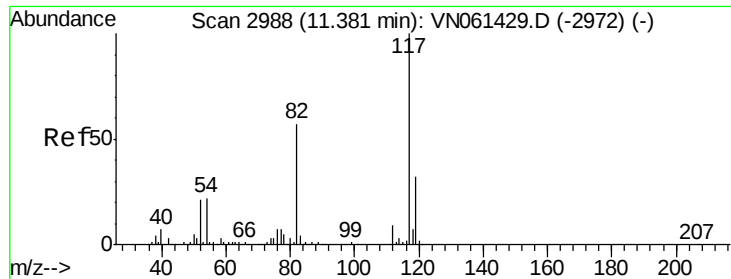
Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.2

176 68.9 0.0 137.6

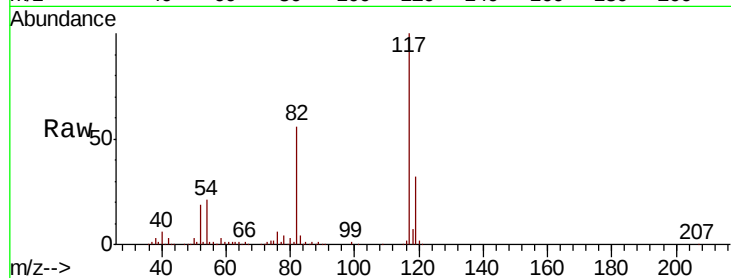




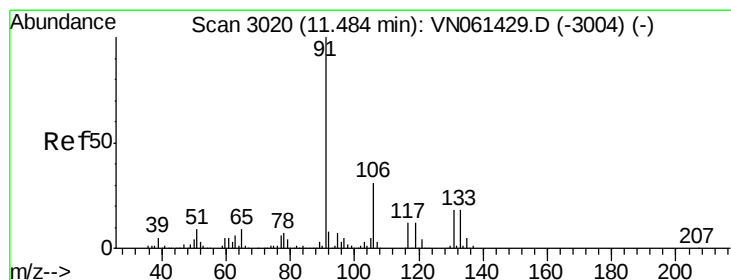
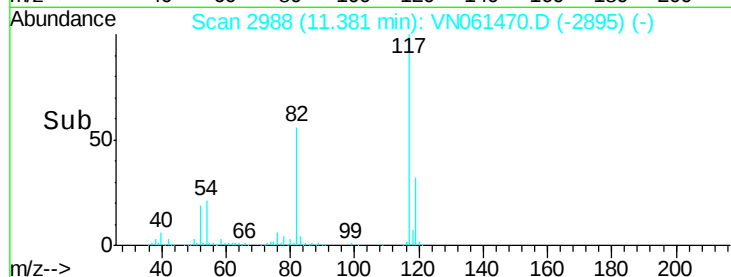
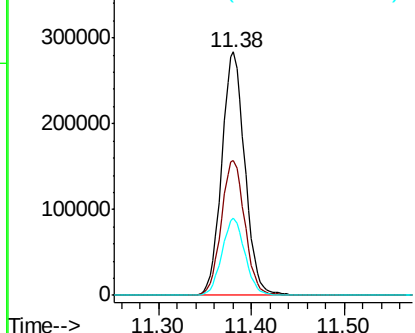
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.5  | 45.2  | 67.8  |
| 119     | 31.6  | 25.3  | 37.9  |

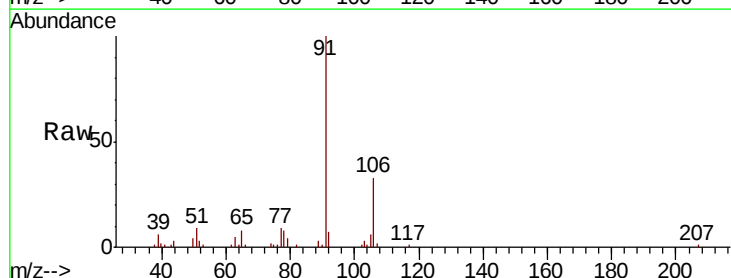


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

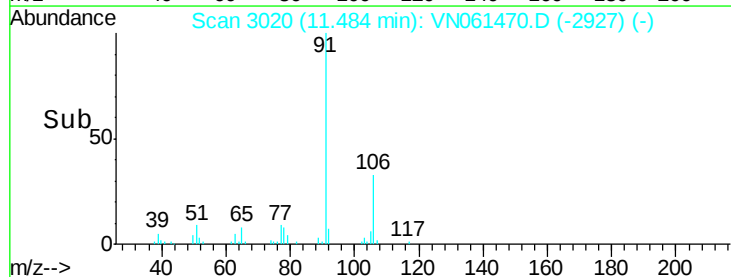
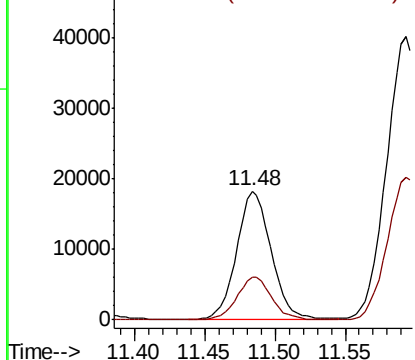


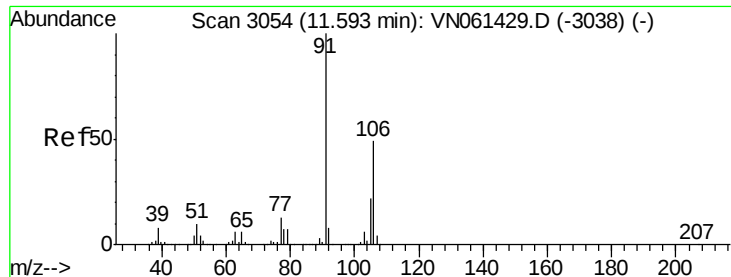
#67  
Ethyl Benzene  
Concen: 1.733 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 32.9  | 24.6  | 36.8  |



Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 106.00 (105.70 to 106.70): V

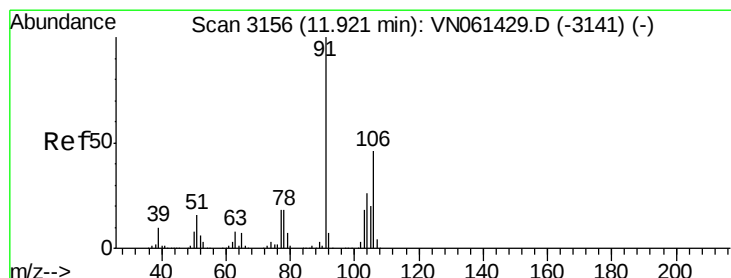
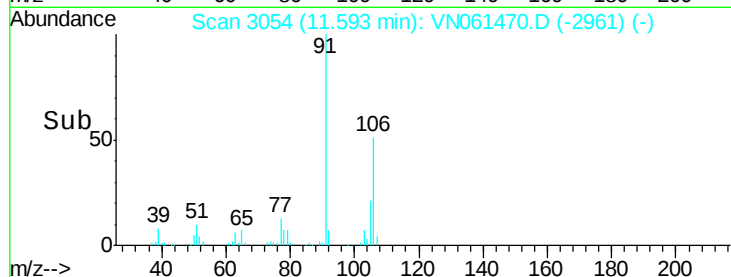
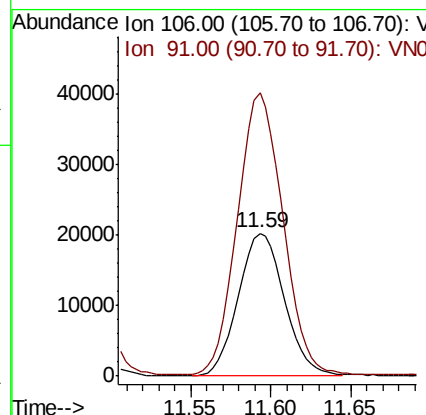
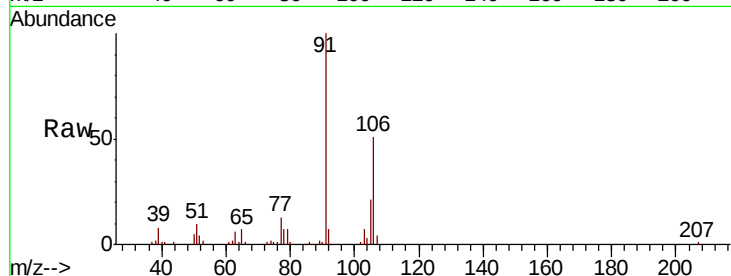




#68  
m/p-Xylenes  
Concen: 5.750 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

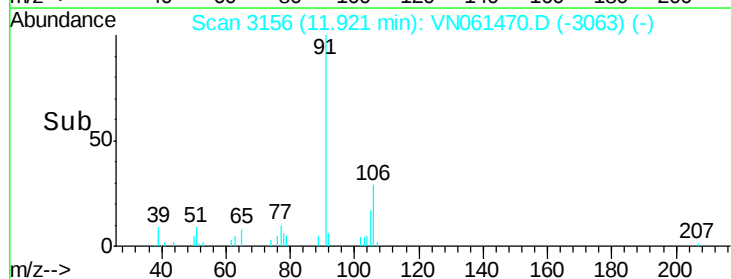
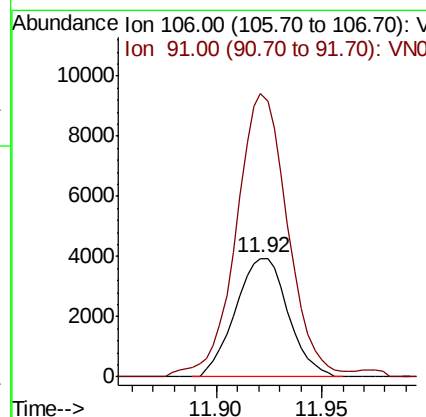
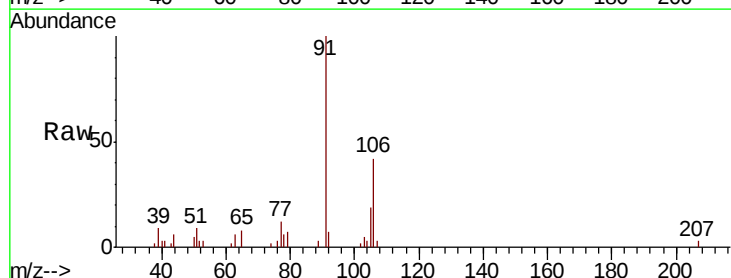
Instrument :  
MSVOA\_N  
ClientSampled :

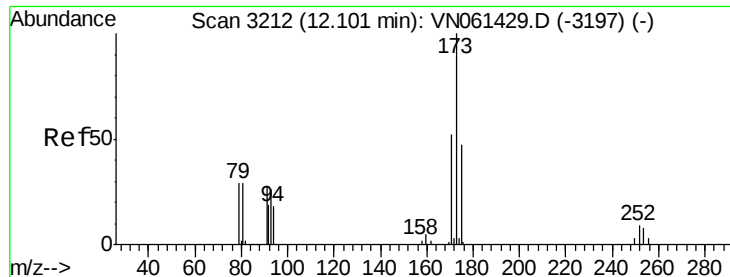
Tot Ion:106 Resp: 39779  
Ion Ratio Lower Upper  
106 100  
91 194.8 163.0 244.6



#69  
o-Xylene  
Concen: 1.026 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN061470.D  
Acq: 19 May 2020 9:16

Tgt Ion:106 Resp: 6867  
Ion Ratio Lower Upper  
106 100  
91 233.2 107.9 323.7





#71

Bromoform

Concen: 2.556 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

Instrument :

MSVOA\_N

ClientSampled :

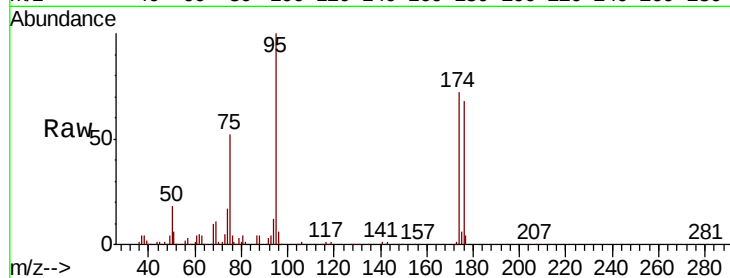
Tot Ion:173 Resp: 1555

Ion Ratio Lower Upper

173 100

175 735.1 23.9 71.8#

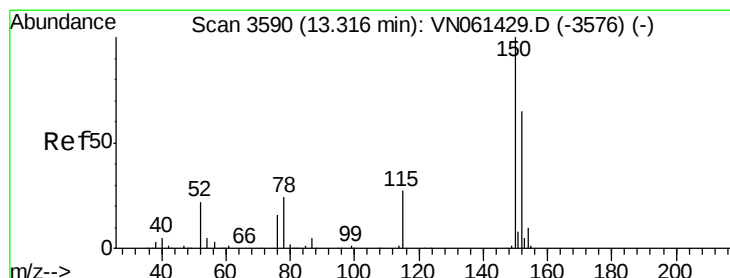
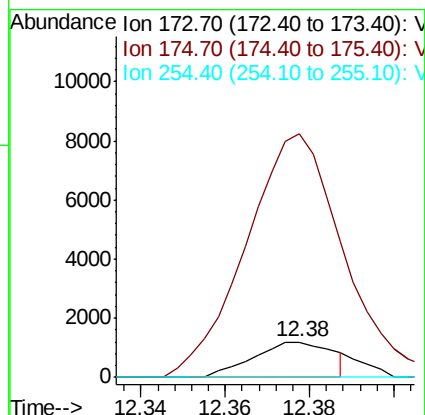
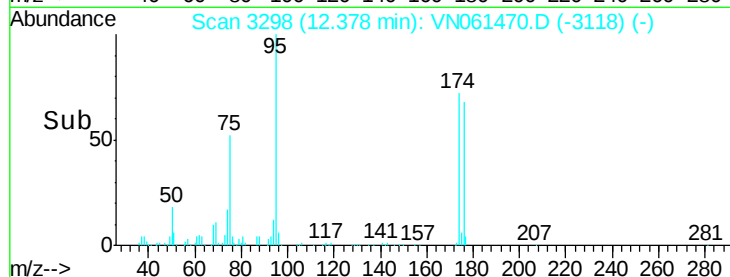
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

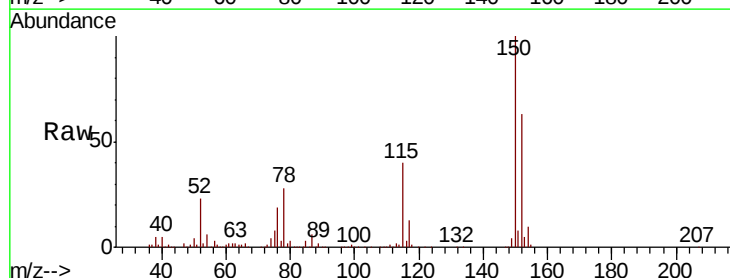
Tgt Ion:152 Resp: 211286

Ion Ratio Lower Upper

152 100

115 62.8 30.9 92.5

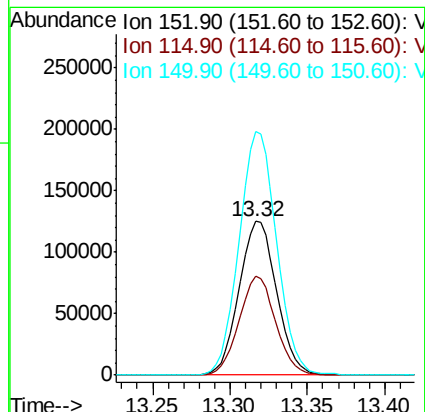
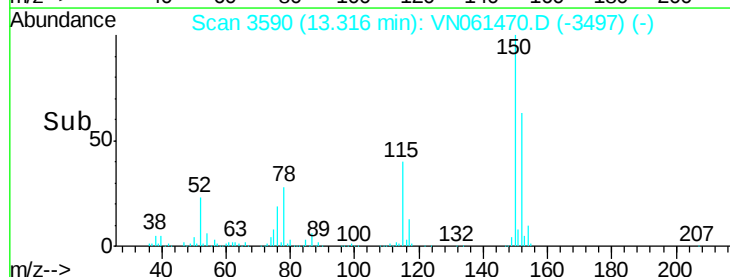
150 158.5 0.0 349.2

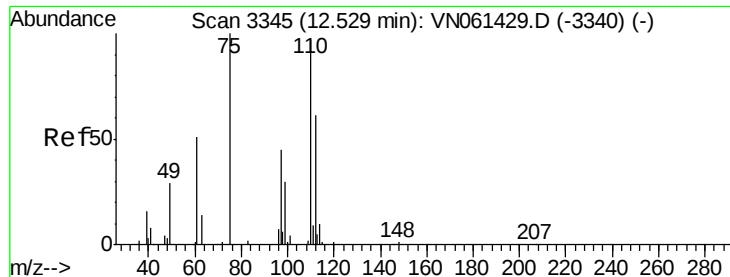


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.605 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

Instrument :

MSVOA\_N

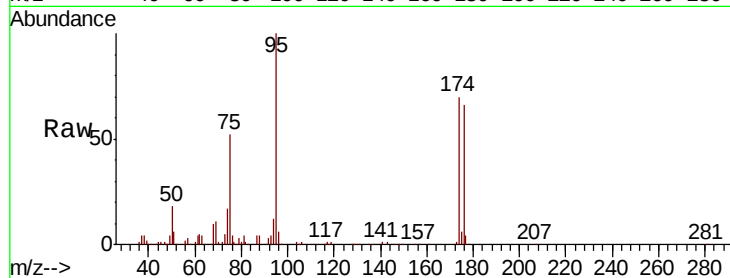
ClientSampled :

Tot Ion: 75 Resp: 125150

Ion Ratio Lower Upper

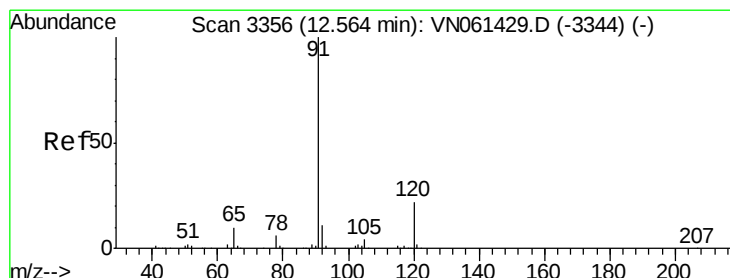
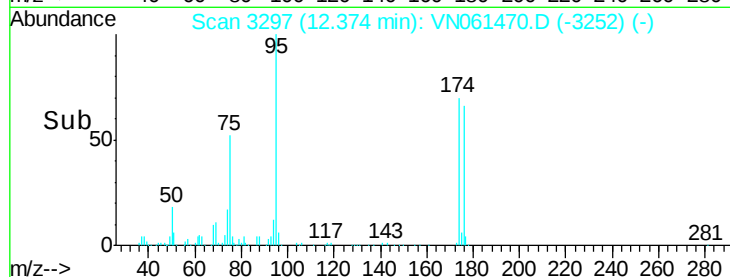
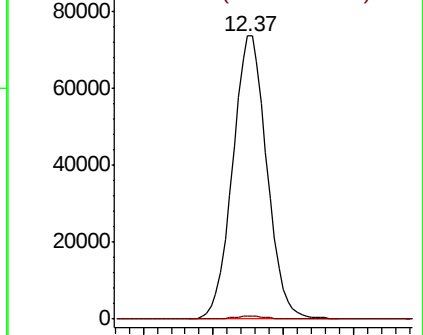
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.434 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061470.D

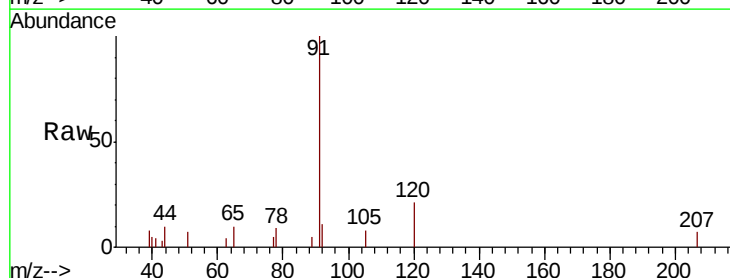
Acq: 19 May 2020 9:16

Tgt Ion: 91 Resp: 8385

Ion Ratio Lower Upper

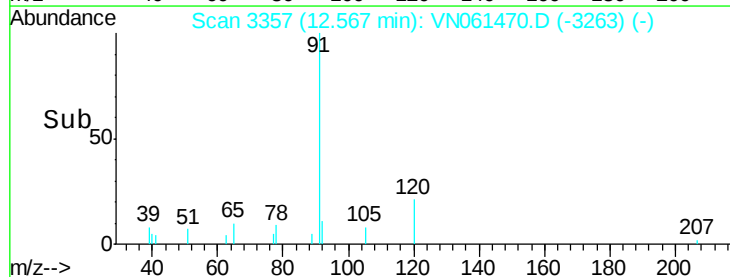
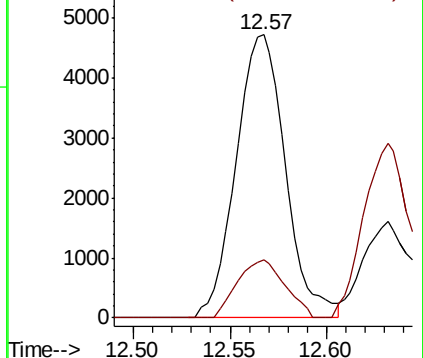
91 100

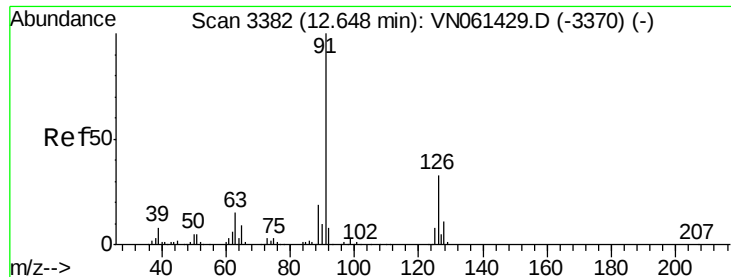
120 19.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

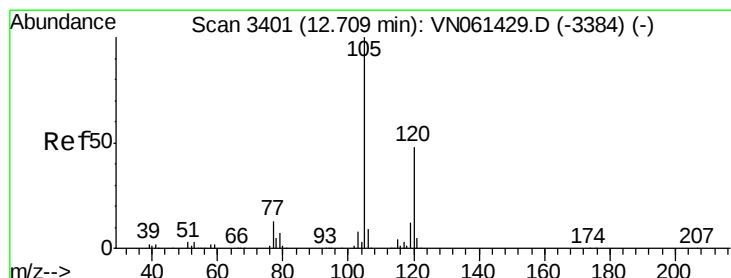
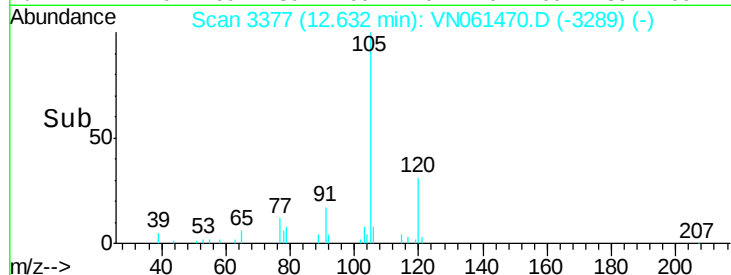
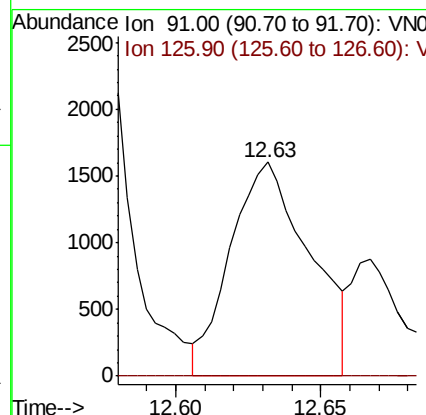
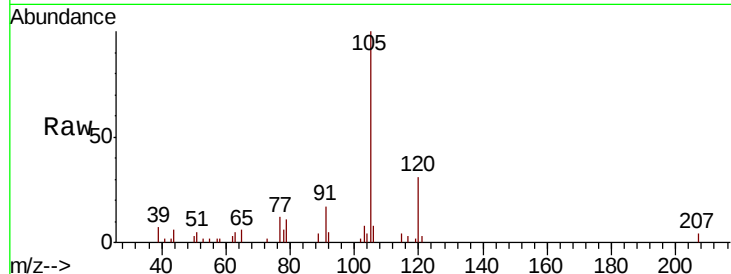




#79  
 2-Chlorotoluene  
 Concen: 0.266 ug/l  
 RT: 12.63 min Scan# 3377  
 Delta R.T. -0.02 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

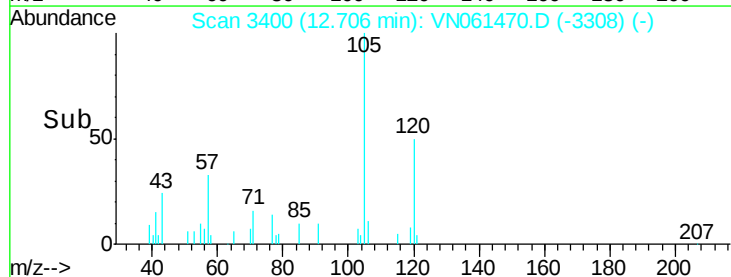
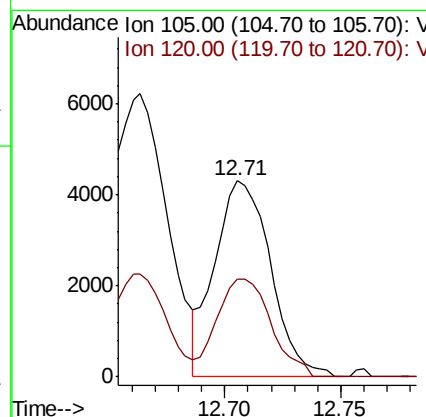
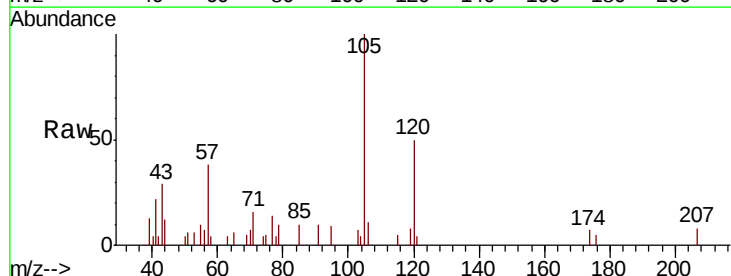
Instrument :  
 MSVOA\_N  
 ClientSampled :

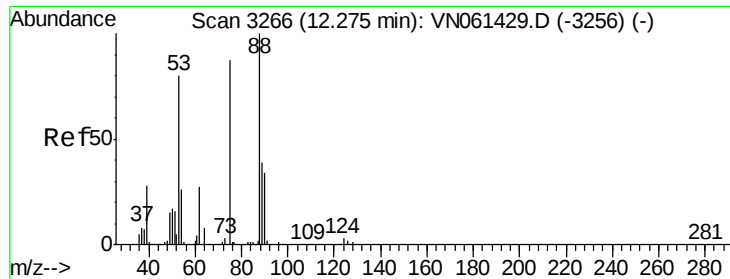
Tot Ion: 91 Resp: 3043  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 16.3 48.9#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.520 ug/l  
 RT: 12.71 min Scan# 3400  
 Delta R.T. -0.00 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

Tgt Ion: 105 Resp: 7224  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 73.229 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

Instrument :

MSVOA\_N

ClientSampleId :

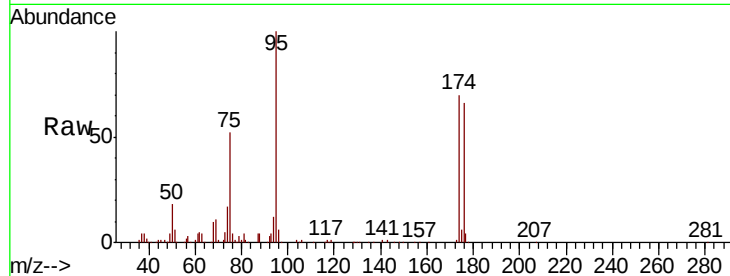
Tot Ion: 75 Resp: 125150

Ion Ratio Lower Upper

75 100

53 0.0 75.2 112.8#

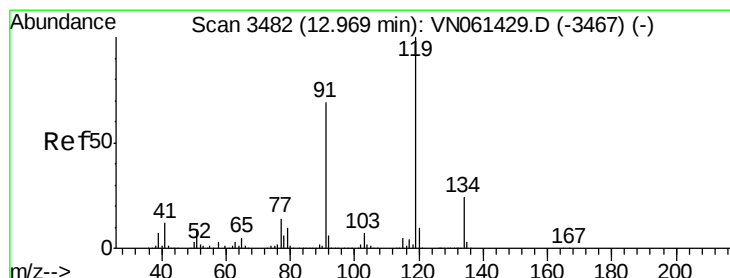
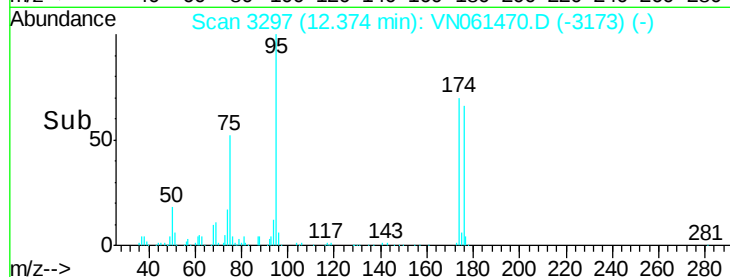
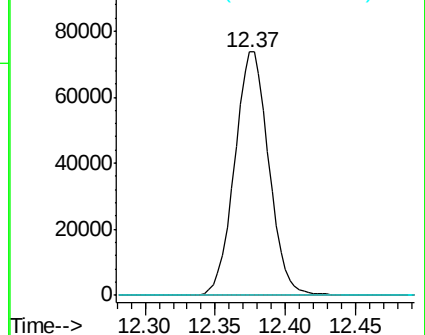
89 0.0 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VN061470.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061470.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061470.D (-3173) (-)



#83

tert-Butylbenzene

Concen: 0.299 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.05 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

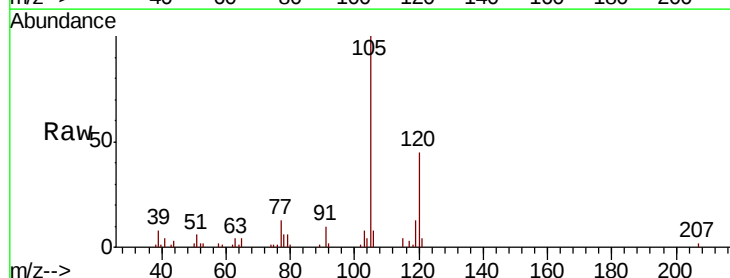
Tgt Ion: 119 Resp: 3559

Ion Ratio Lower Upper

119 100

91 93.3 33.7 101.0

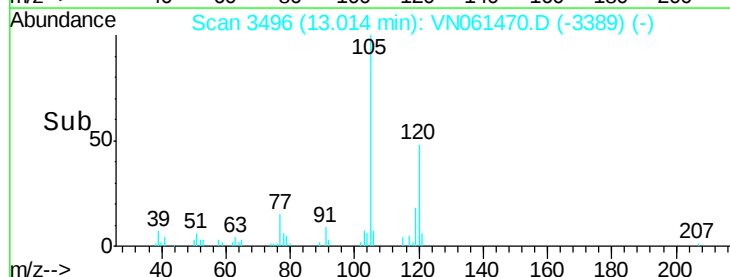
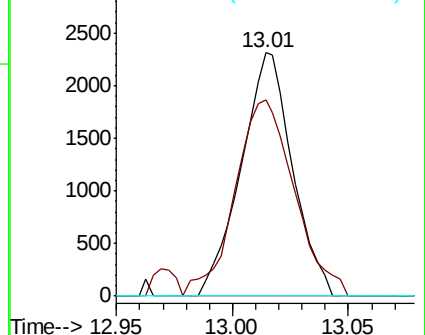
134 0.0 12.8 38.3#

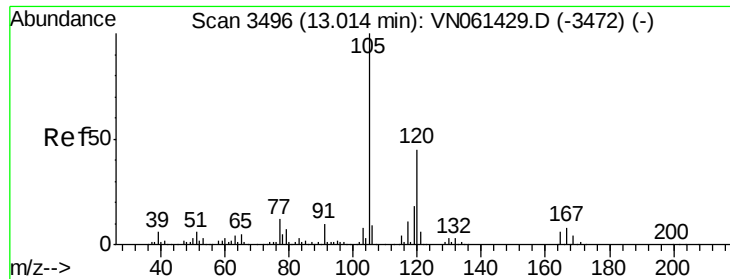


Abundance Ion 119.00 (118.70 to 119.70): VN061470.D (-3389) (-)

Ion 91.00 (90.70 to 91.70): VN061470.D (-3389) (-)

Ion 134.00 (133.70 to 134.70): VN061470.D (-3389) (-)

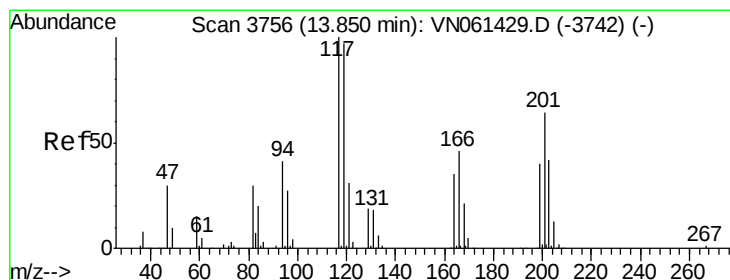
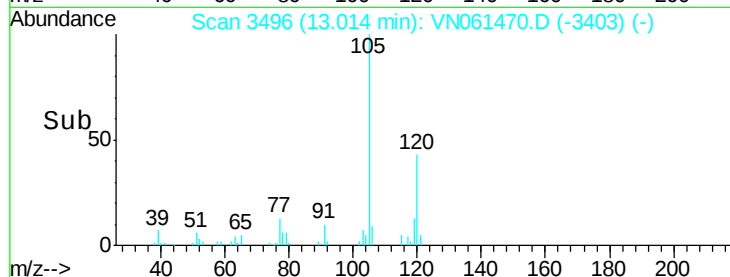
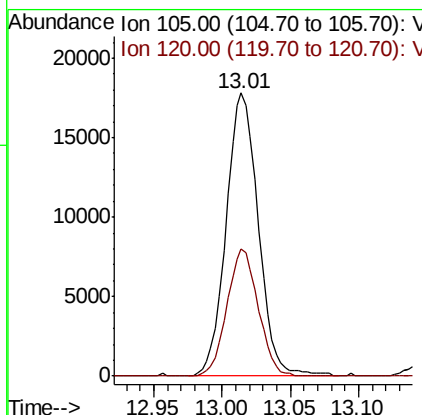
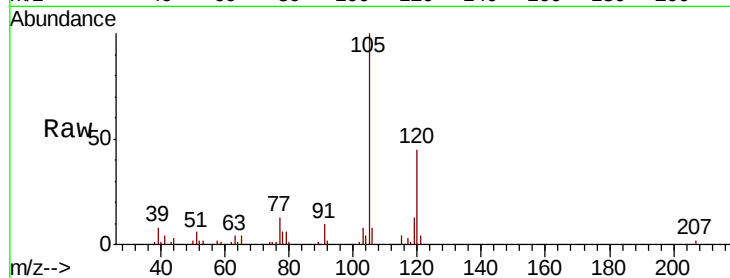




#84  
 1,2,4-Trimethylbenzene  
 Concen: 2.097 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. 0.00 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

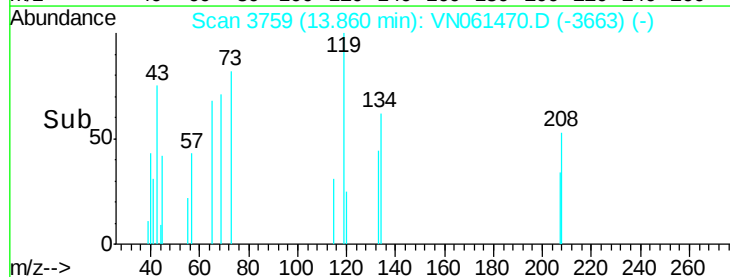
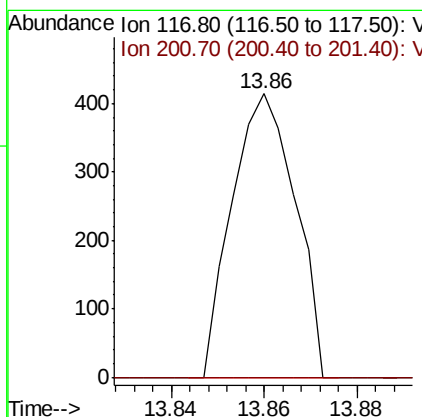
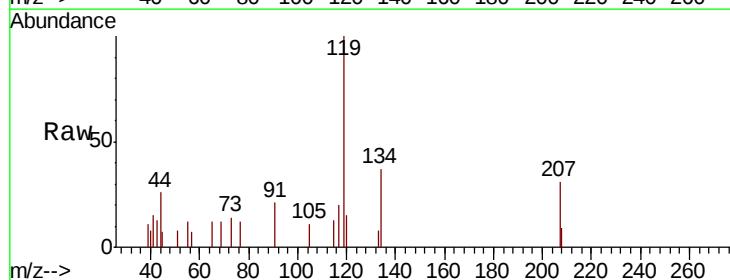
Instrument :  
 MSVOA\_N  
 ClientSampleId :

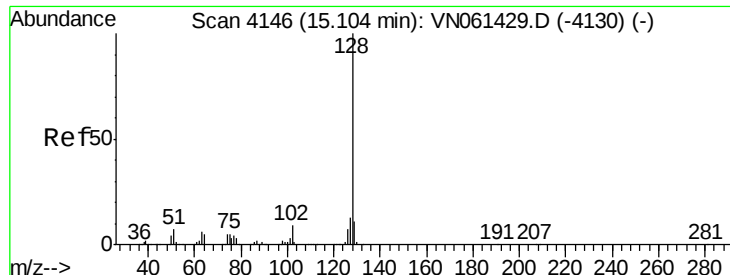
Tot Ion:105 Resp: 29153  
 Ion Ratio Lower Upper  
 105 100  
 120 43.5 22.4 67.3



#90  
 Hexachloroethane  
 Concen: 0.202 ug/l  
 RT: 13.86 min Scan# 3759  
 Delta R.T. 0.01 min  
 Lab File: VN061470.D  
 Acq: 19 May 2020 9:16

Tgt Ion:117 Resp: 391  
 Ion Ratio Lower Upper  
 117 100  
 201 0.0 32.9 98.7#





#95

Naphthalene

Concen: 2.459 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061470.D

Acq: 19 May 2020 9:16

Instrument :

MSVOA\_N

ClientSampleId :

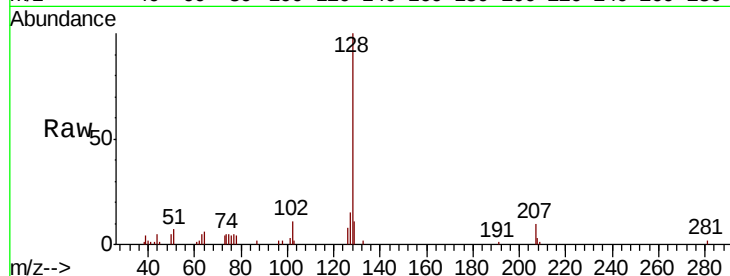
Tot Ion:128 Resp: 27394

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

