

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\  
 Data File : VN061017.D  
 Acq On : 16 Apr 2020 17:27  
 Operator : JC/MD  
 Sample : L2245-40  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 17 03:59:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 17 03:49:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 157723   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 266317   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 250830   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 110743   | 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   | 105869   | 52.46 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 104.92% |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 79589    | 51.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.34% |          |
| 50) Toluene-d8              | 10.08 | 98   | 330996   | 56.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 112.64% |          |
| 62) 4-Bromofluorobenzene    | 12.39 | 95   | 124071   | 53.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 107.72% |          |

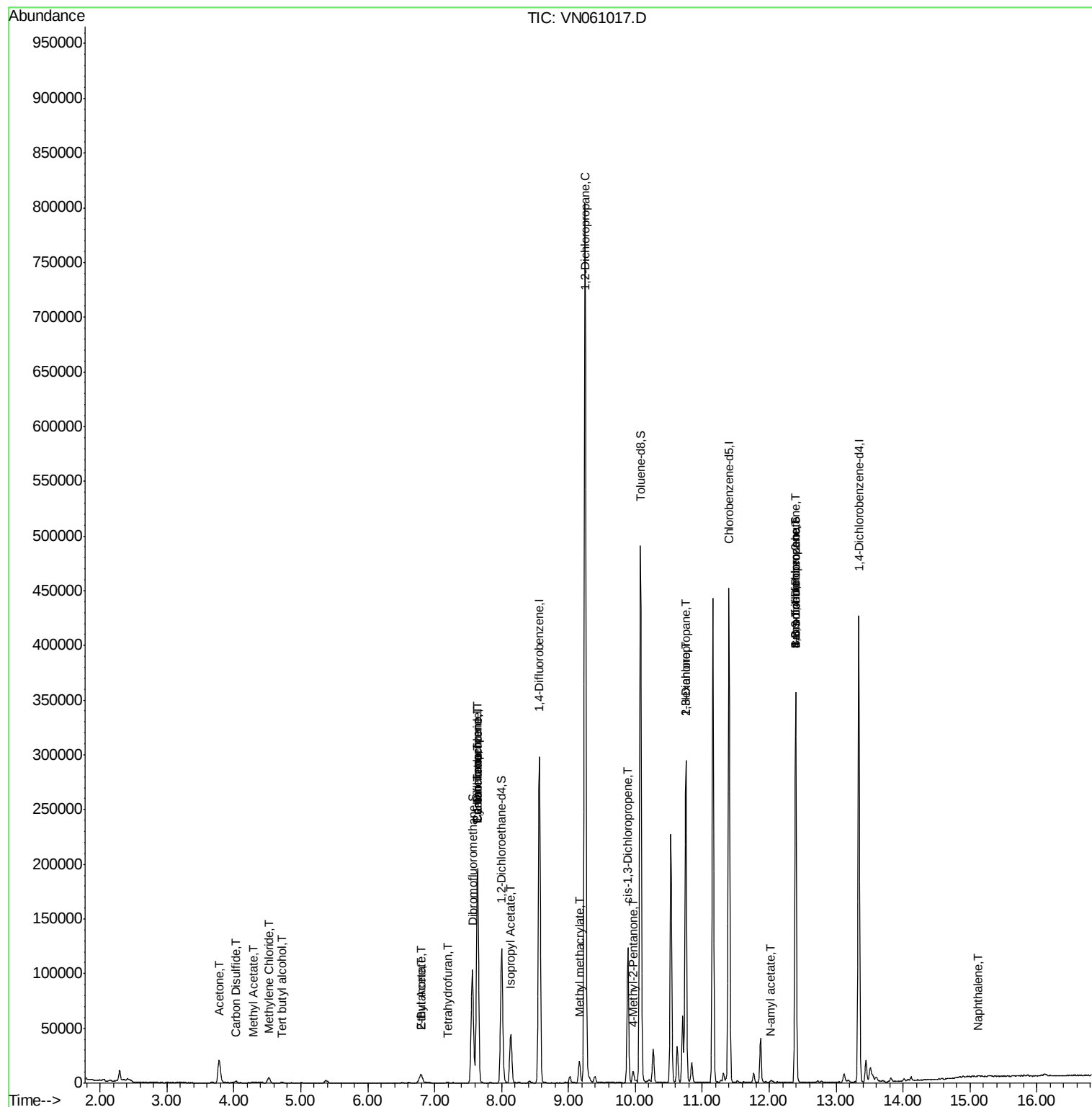
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 11) Tert butyl alcohol         | 4.73  | 59   | 454      | 1.268  | ug/l # | 73     |
| 16) Acetone                    | 3.78  | 43   | 37938    | 42.713 | ug/l   | 99     |
| 17) Carbon Disulfide           | 4.03  | 76   | 1924     | 0.356  | ug/l # | 74     |
| 18) Methyl Acetate             | 4.28  | 43   | 787      | 0.283  | ug/l # | 54     |
| 20) Methylene Chloride         | 4.52  | 84   | 3807     | 1.963  | ug/l   | 92     |
| 25) 2-Butanone                 | 6.80  | 43   | 12821    | 9.420  | ug/l   | 94     |
| 29) Tetrahydrofuran            | 7.18  | 42   | 455      | 0.492  | ug/l # | 36     |
| 31) Cyclohexane                | 7.63  | 56   | 3672     | 0.977  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.64  | 75   | 12955    | 4.714  | ug/l # | 49     |
| 37) Ethyl Acetate              | 6.80  | 43   | 12821    | 4.297  | ug/l # | 72     |
| 38) Carbon Tetrachloride       | 7.64  | 117  | 15658    | 6.845  | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.14  | 43   | 55294    | 11.393 | ug/l # | 92     |
| 45) 1,2-Dichloropropane        | 9.25  | 63   | 925      | 0.420  | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.16  | 41   | 3304     | 1.541  | ug/l # | 14     |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 7301     | 2.610  | ug/l   | 96     |
| 54) cis-1,3-Dichloropropene    | 9.89  | 75   | 22084    | 6.497  | ug/l # | 59     |
| 57) 1,3-Dichloropropane        | 10.75 | 76   | 2968     | 0.899  | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.75 | 43   | 44390    | 22.001 | ug/l # | 52     |
| 71) Bromoform                  | 12.40 | 173  | 673      | 0.487  | ug/l # | 1      |
| 74) N-amyl acetate             | 12.02 | 43   | 1997     | 0.484  | ug/l # | 45     |
| 76) 1,2,3-Trichloropropane     | 12.39 | 75   | 63110    | 25.908 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 63110    | 63.905 | ug/l # | 12     |
| 95) Naphthalene                | 15.13 | 128  | 1442     | 0.237  | ug/l # | 69     |

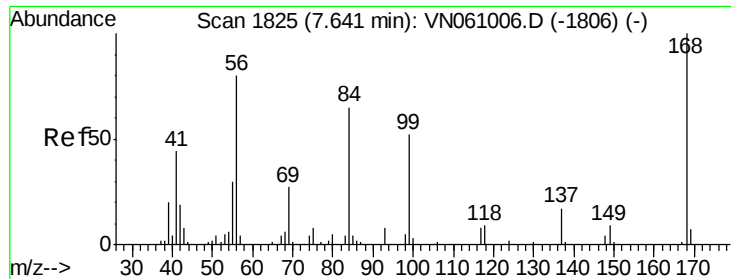
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\  
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Quant Title : SW846 8260  
QLast Update : Fri Apr 17 03:49:39 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: VN061017.D

Acq: 16 Apr 2020 17:27

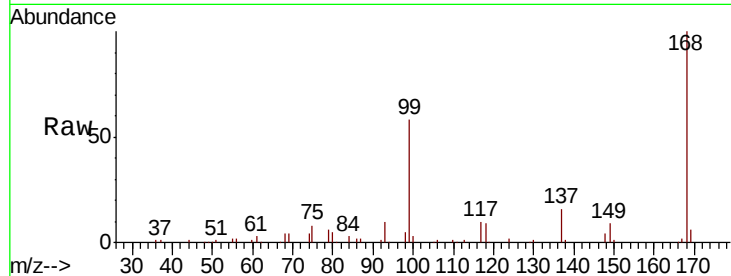
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 157723

Ion Ratio Lower Upper

168 100

99 57.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

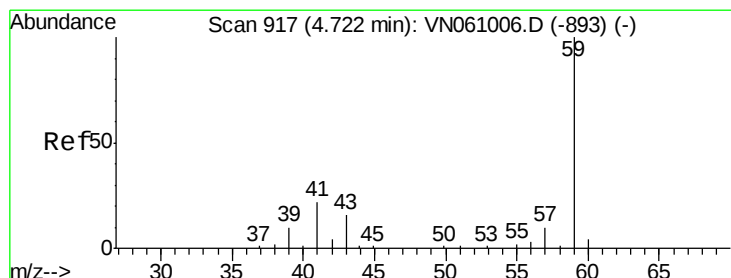
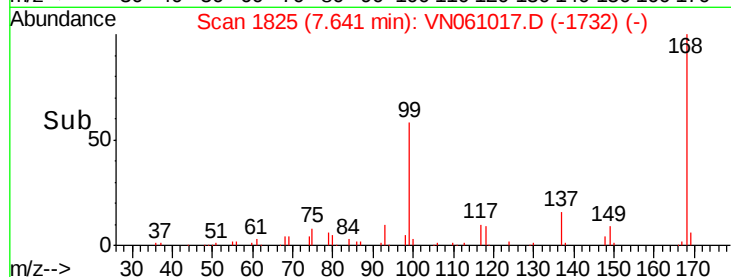
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 1.268 ug/l

RT: 4.73 min Scan# 919

Delta R.T. 0.01 min

Lab File: VN061017.D

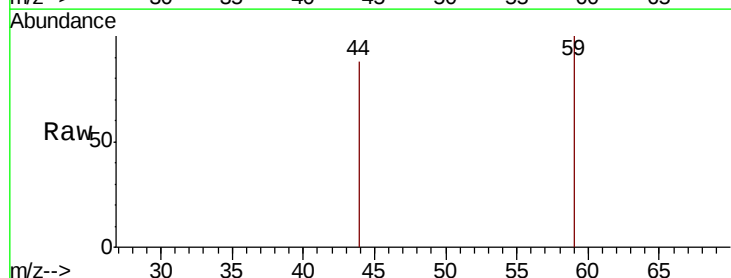
Acq: 16 Apr 2020 17:27

Tgt Ion: 59 Resp: 454

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

250

200

150

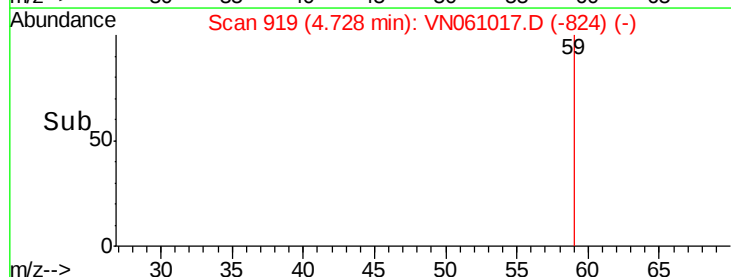
100

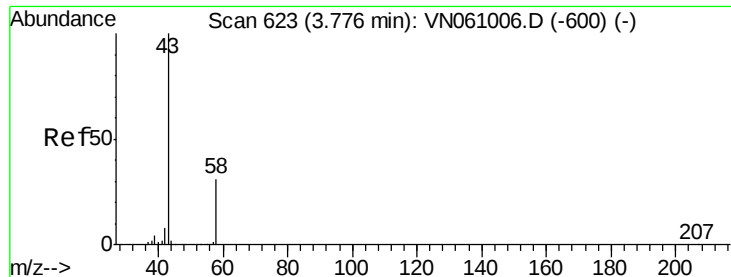
50

0

4.68 4.70 4.72 4.74

Time-->





#16

Acetone

Concen: 42.713 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061017.D

Acq: 16 Apr 2020 17:27

Instrument :

MSVOA\_N

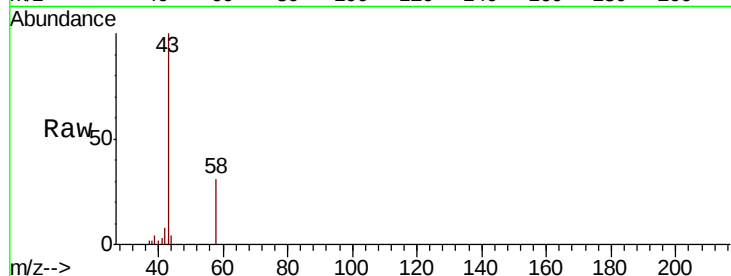
ClientSampled :

Tot Ion: 43 Resp: 37938

Ion Ratio Lower Upper

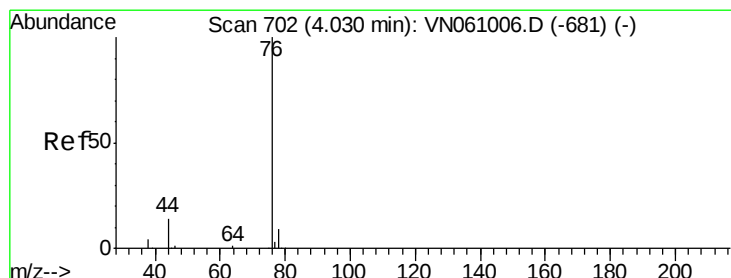
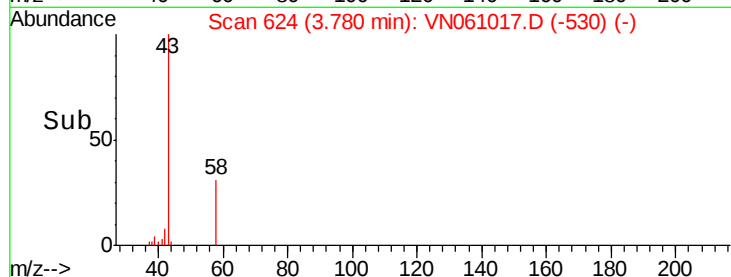
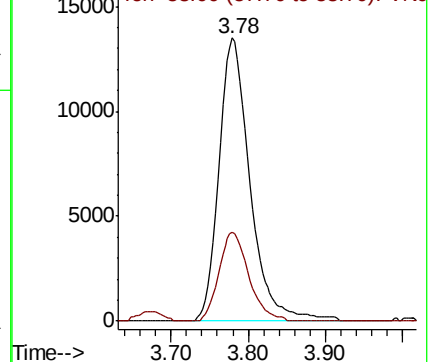
43 100

58 31.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.356 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN061017.D

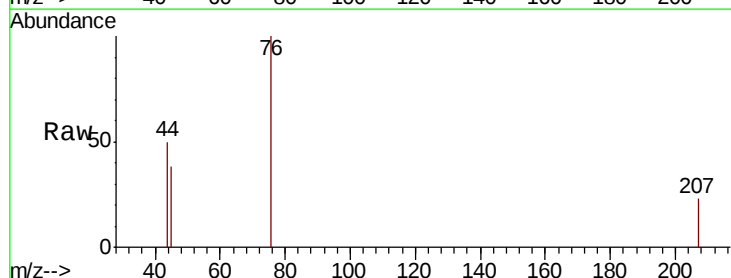
Acq: 16 Apr 2020 17:27

Tgt Ion: 76 Resp: 1924

Ion Ratio Lower Upper

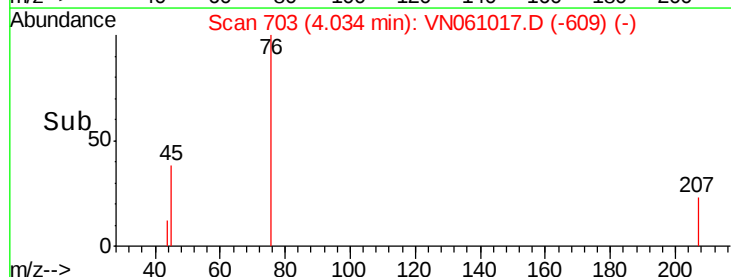
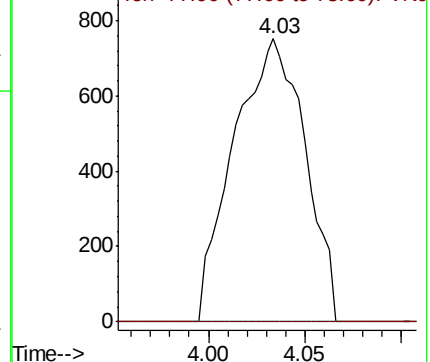
76 100

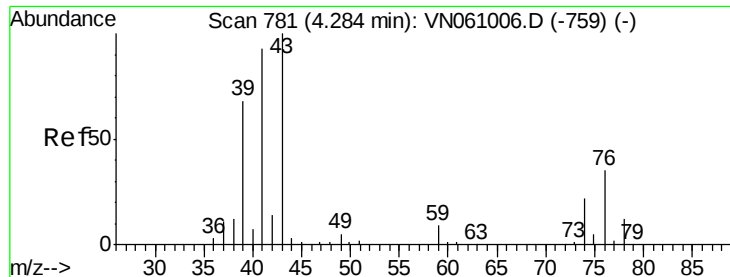
78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

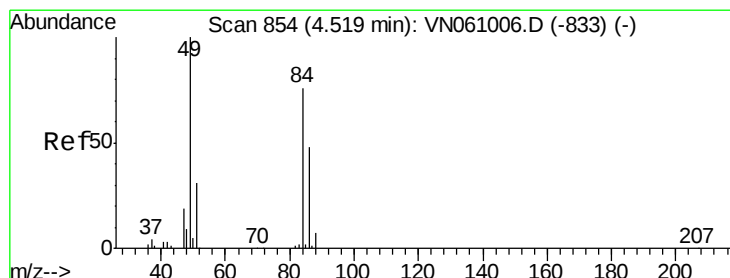
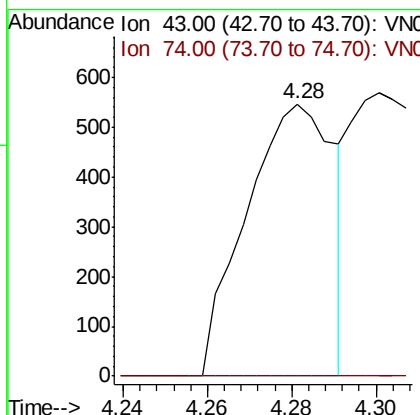
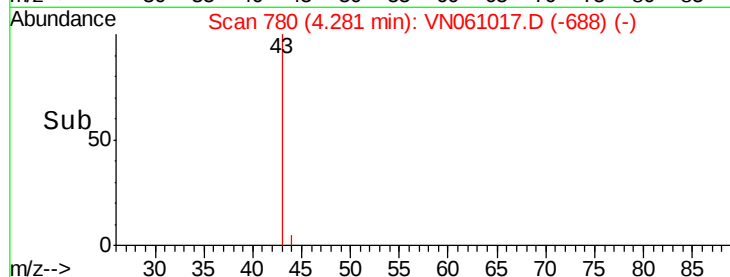
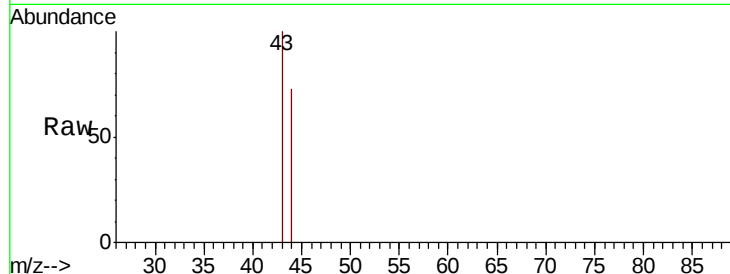




#18  
Methyl Acetate  
Concen: 0.283 ug/l  
RT: 4.28 min Scan# 780  
Delta R.T. -0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

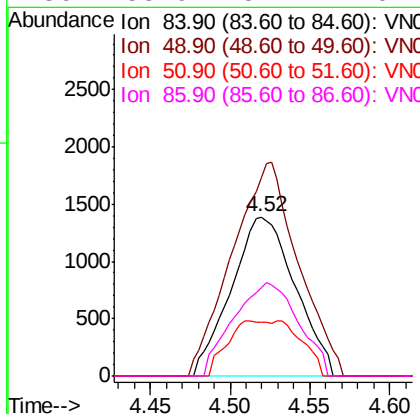
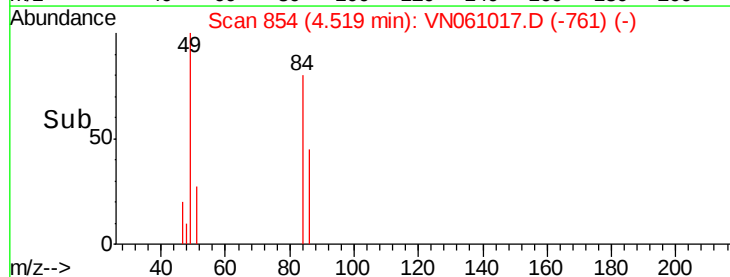
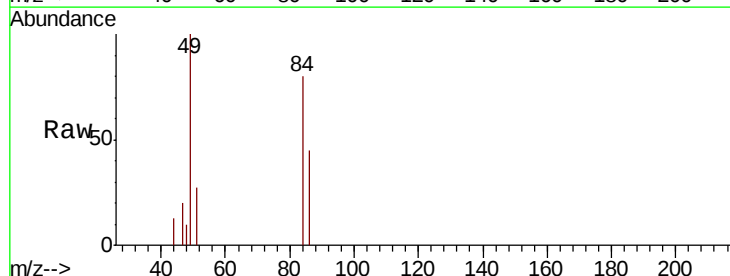
Instrument :  
MSVOA\_N  
ClientSampled :

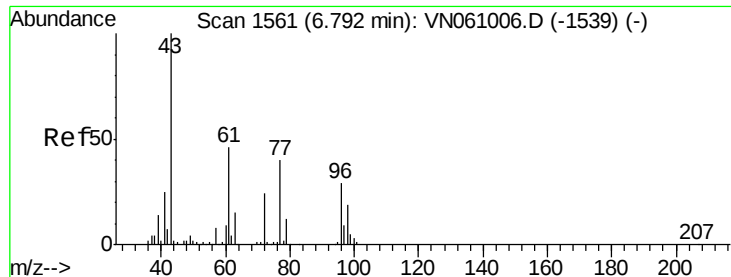
Tot Ion: 43 Resp: 787  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.4 26.0#



#20  
Methylene Chloride  
Concen: 1.963 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Tgt Ion: 84 Resp: 3807  
Ion Ratio Lower Upper  
84 100  
49 124.8 105.8 158.6  
51 34.1 32.4 48.6  
86 55.9 51.1 76.7

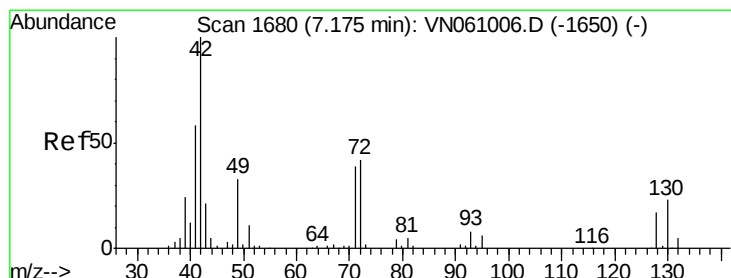
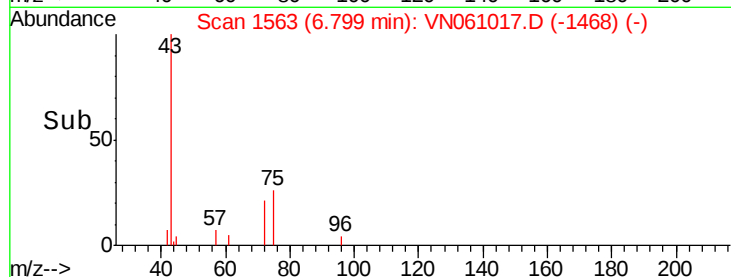
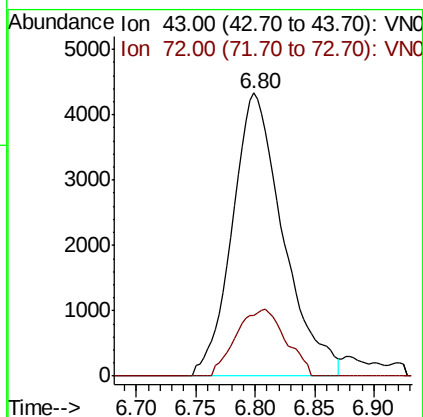
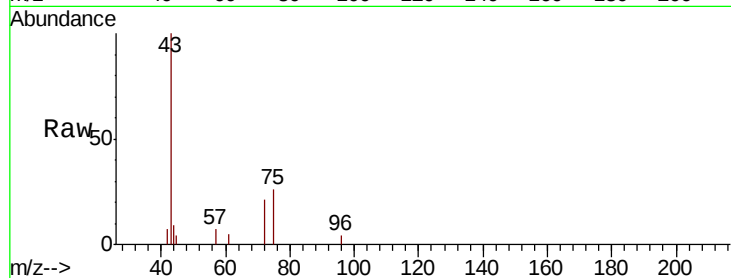




#25  
2-Butanone  
Concen: 9.420 ug/l  
RT: 6.80 min Scan# 1563  
Delta R.T. 0.01 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

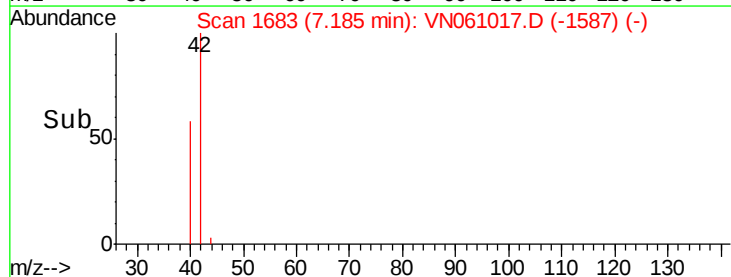
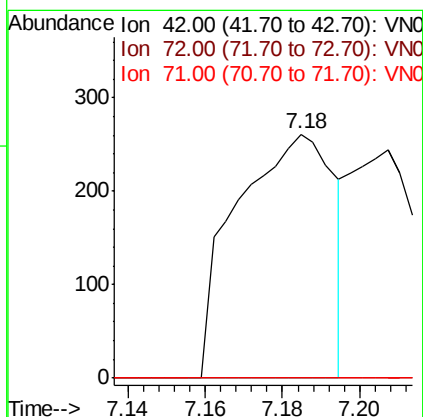
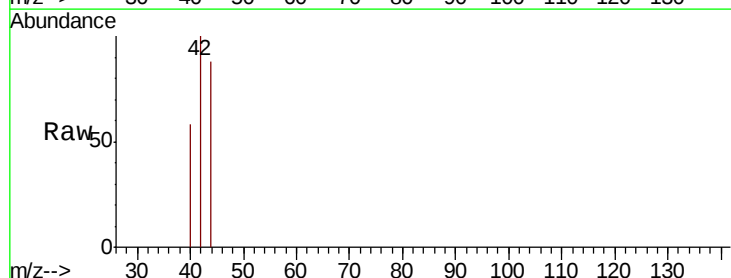
Instrument :  
MSVOA\_N  
ClientSampled :

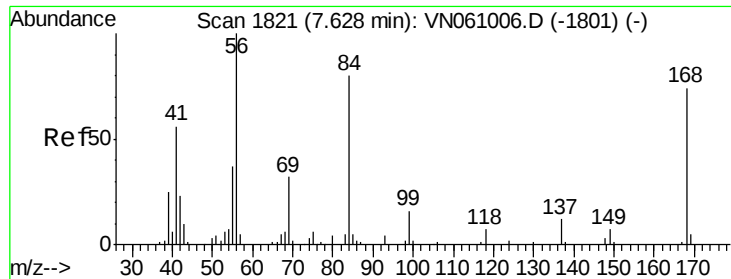
Tot Ion: 43 Resp: 12821  
Ion Ratio Lower Upper  
43 100  
72 21.4 19.6 29.4



#29  
Tetrahydrofuran  
Concen: 0.492 ug/l  
RT: 7.18 min Scan# 1683  
Delta R.T. 0.01 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Tgt Ion: 42 Resp: 455  
Ion Ratio Lower Upper  
42 100  
72 0.0 32.1 48.1#  
71 0.0 30.5 45.7#

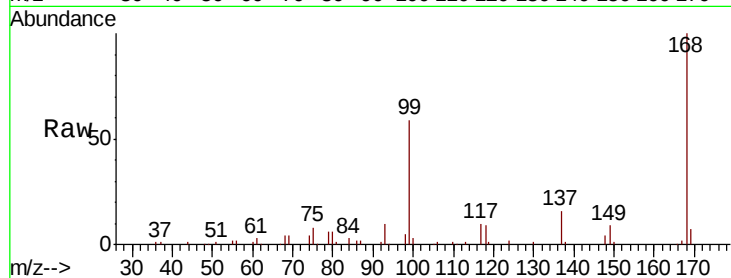




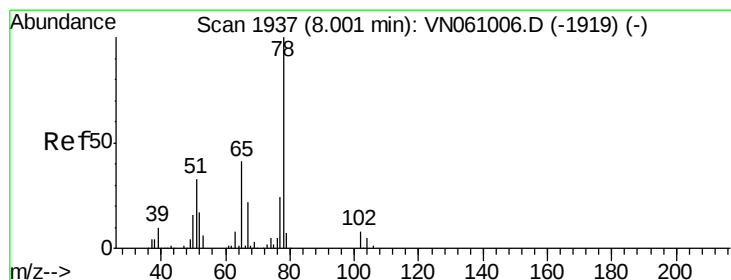
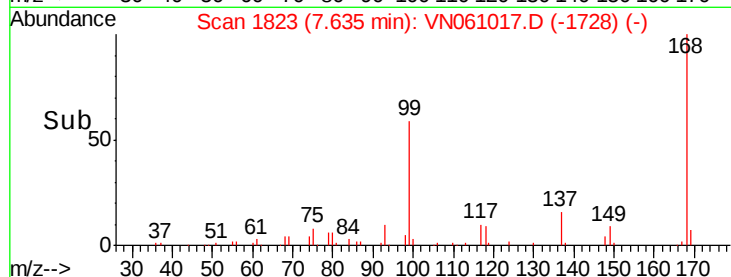
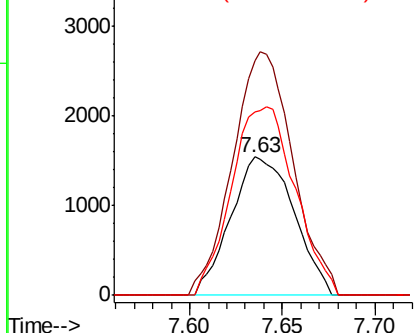
#31  
Cyclohexane  
Concen: 0.977 ug/l  
RT: 7.63 min Scan# 1823  
Delta R.T. 0.01 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 3672  
Ion Ratio Lower Upper  
56 100  
69 169.5 25.6 38.4#  
84 132.7 63.4 95.2#

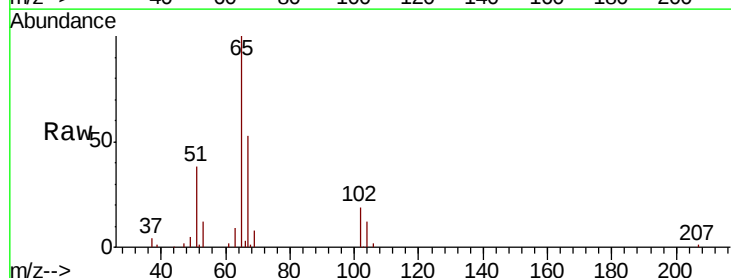


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

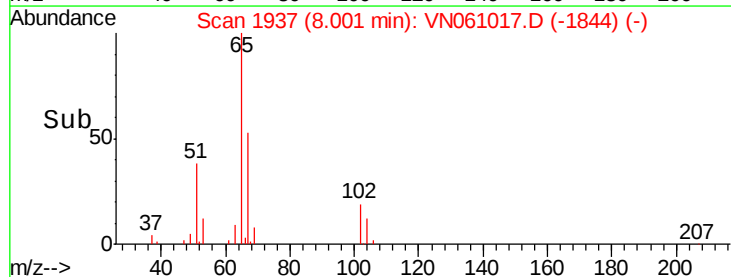
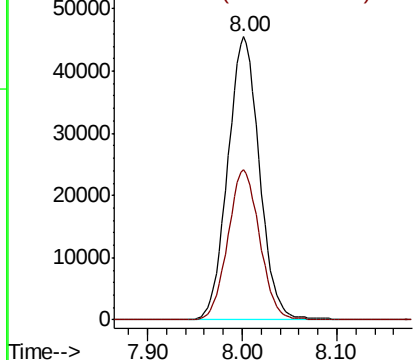


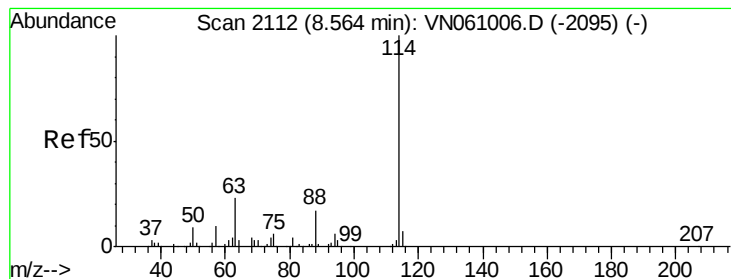
#33  
1,2-Dichloroethane-d4  
Concen: 52.463 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Tgt Ion: 65 Resp: 105869  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061017.D

Acq: 16 Apr 2020 17:27

Instrument :

MSVOA\_N

ClientSampleId :

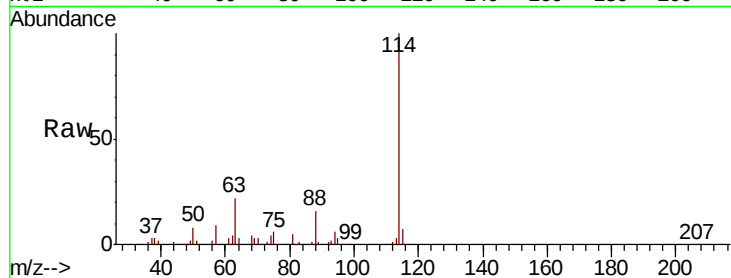
Tot Ion:114 Resp: 266317

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.2

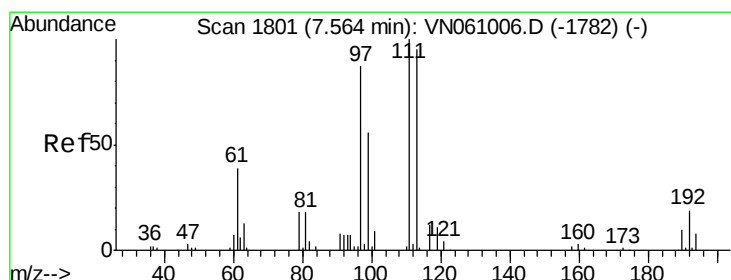
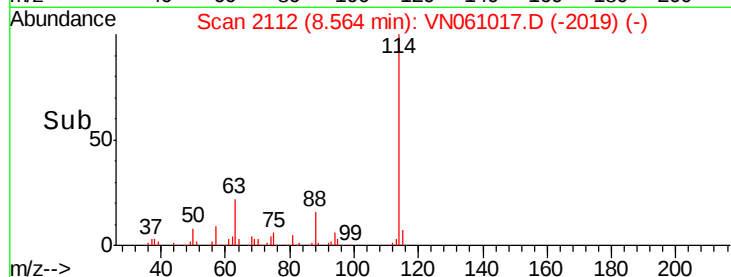
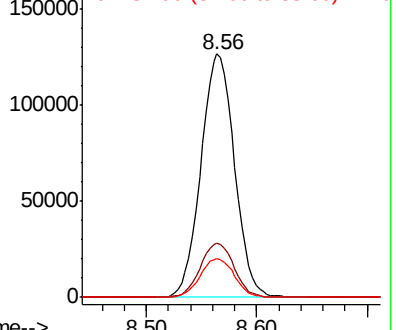
88 15.7 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.174 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061017.D

Acq: 16 Apr 2020 17:27

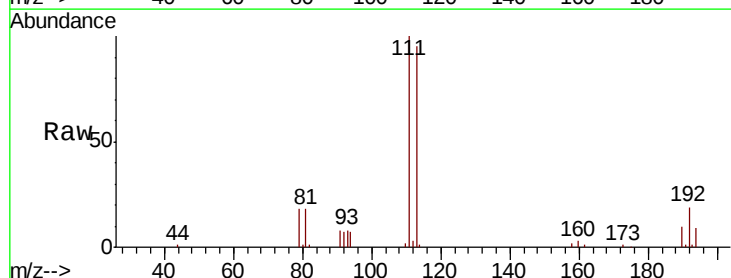
Tgt Ion:113 Resp: 79589

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

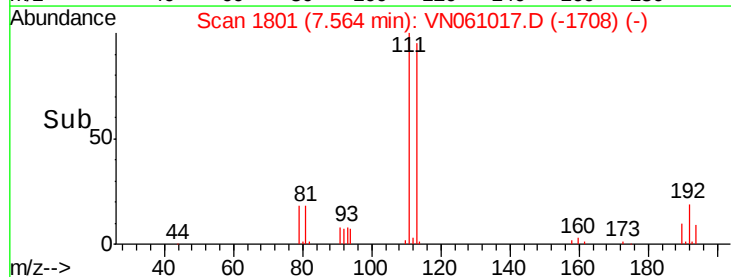
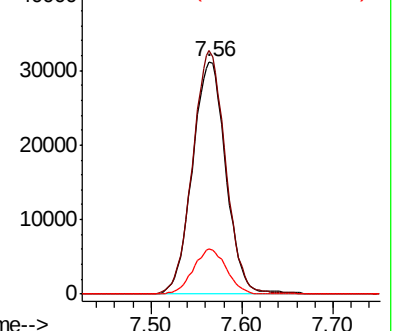
192 19.1 15.5 23.3

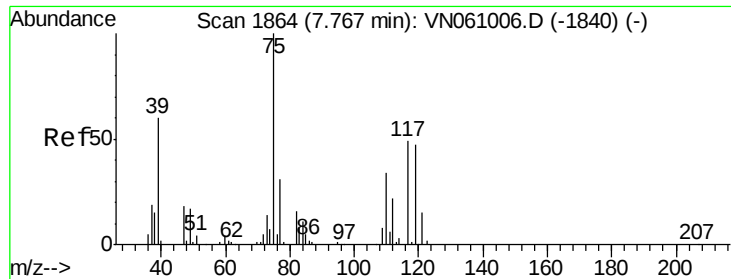


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

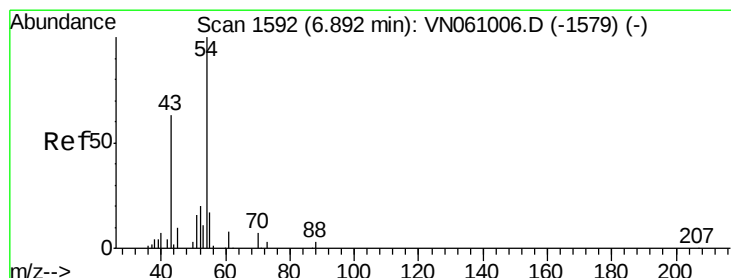
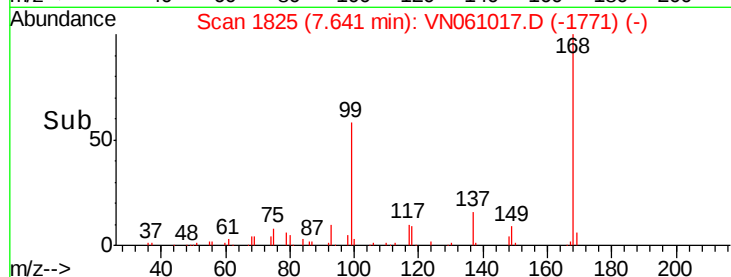
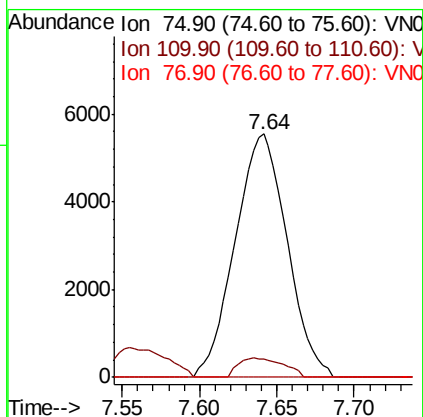
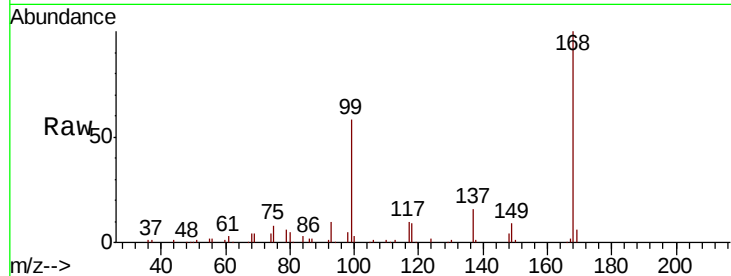




#36  
 1,1-Dichloropropene  
 Concen: 4.714 ug/l  
 RT: 7.64 min Scan# 1825  
 Delta R.T. -0.13 min  
 Lab File: VN061017.D  
 Acq: 16 Apr 2020 17:27

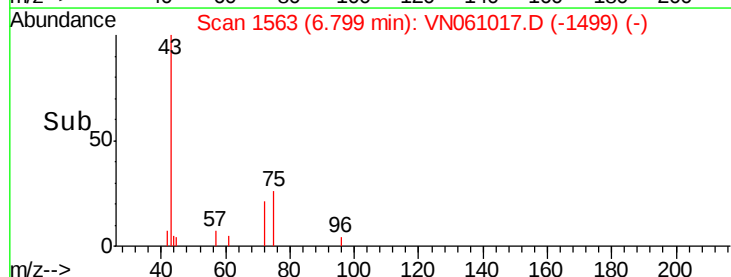
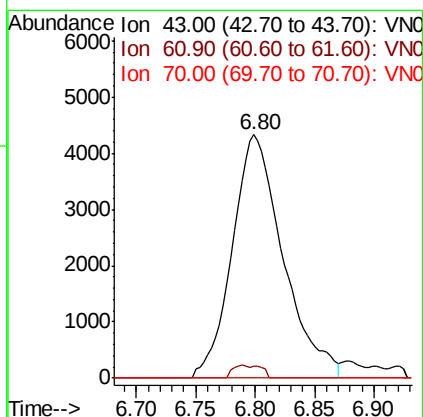
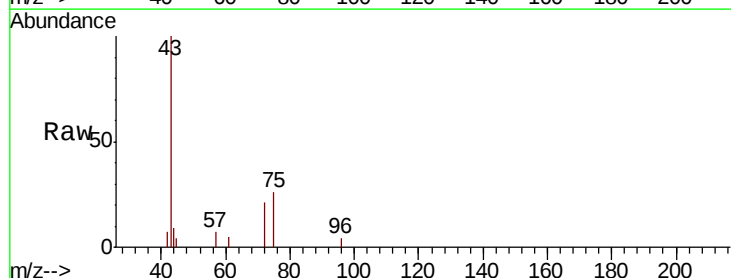
Instrument :  
 MSVOA\_N  
 ClientSampleId :

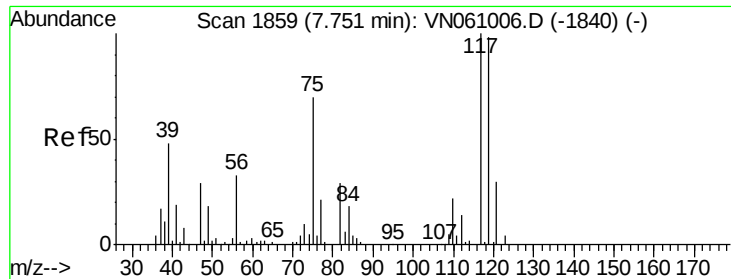
| Tot Ion   | 75    | Resp  | 12955 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 6.8   | 16.8  | 50.3# |
| 77        | 0.0   | 24.7  | 37.1# |



#37  
 Ethyl Acetate  
 Concen: 4.297 ug/l  
 RT: 6.80 min Scan# 1563  
 Delta R.T. -0.09 min  
 Lab File: VN061017.D  
 Acq: 16 Apr 2020 17:27

| Tgt Ion   | 43    | Resp  | 12821 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 1.8   | 10.9  | 16.3# |
| 70        | 0.0   | 7.7   | 11.5# |

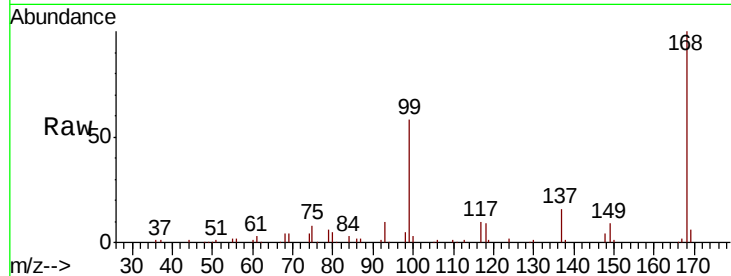




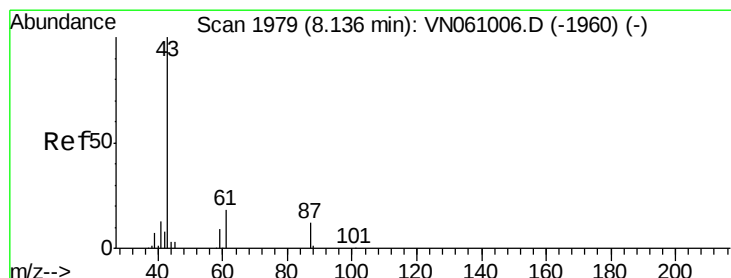
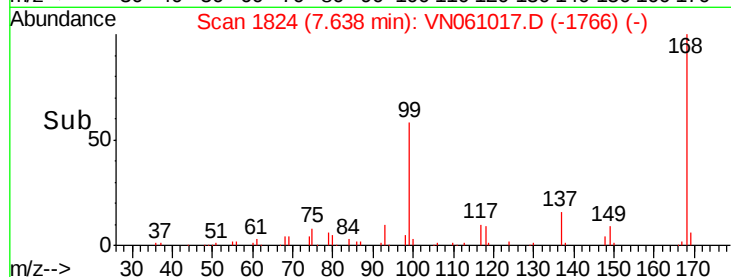
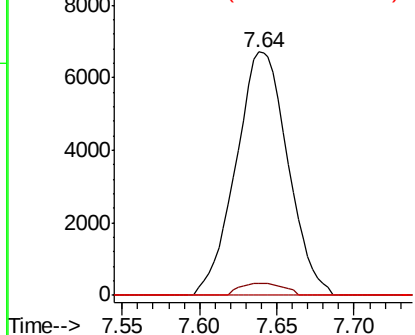
#38  
 Carbon Tetrachloride  
 Concen: 6.845 ug/l  
 RT: 7.64 min Scan# 1824  
 Delta R.T. -0.11 min  
 Lab File: VN061017.D  
 Acq: 16 Apr 2020 17:27

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:117 Resp: 15658  
 Ion Ratio Lower Upper  
 117 100  
 119 5.1 78.1 117.1#  
 121 0.0 24.0 36.0#

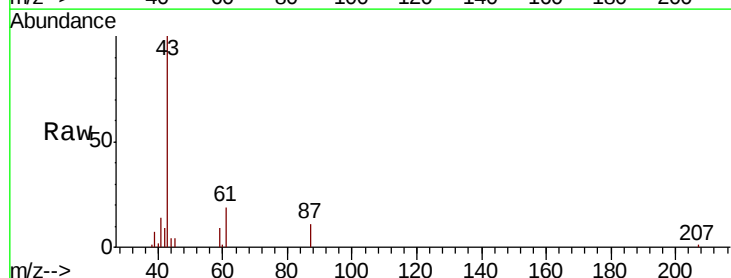


Abundance Ion 116.80 (116.50 to 117.50): V  
 Ion 118.80 (118.50 to 119.50): V  
 Ion 120.80 (120.50 to 121.50): V

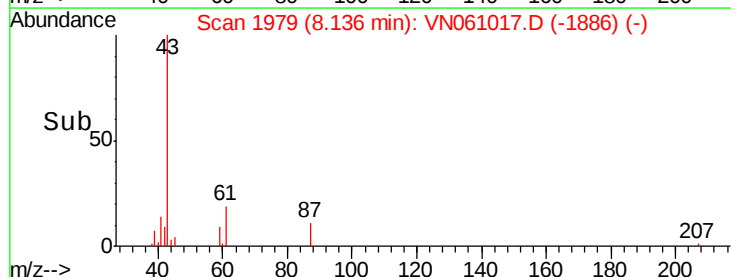
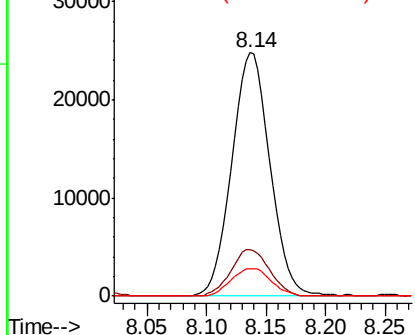


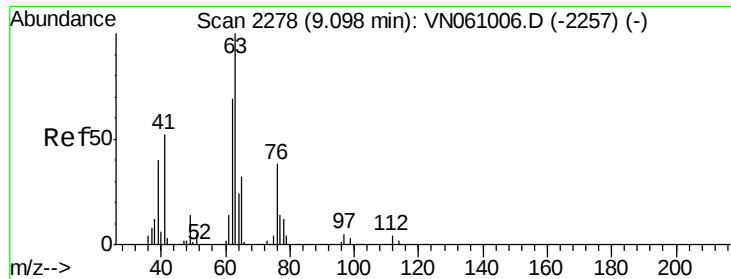
#43  
 Isopropyl Acetate  
 Concen: 11.393 ug/l  
 RT: 8.14 min Scan# 1979  
 Delta R.T. 0.00 min  
 Lab File: VN061017.D  
 Acq: 16 Apr 2020 17:27

Tgt Ion: 43 Resp: 55294  
 Ion Ratio Lower Upper  
 43 100  
 61 19.2 20.3 30.5#  
 87 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): V  
 Ion 61.00 (60.70 to 61.70): V  
 Ion 87.00 (86.70 to 87.70): V

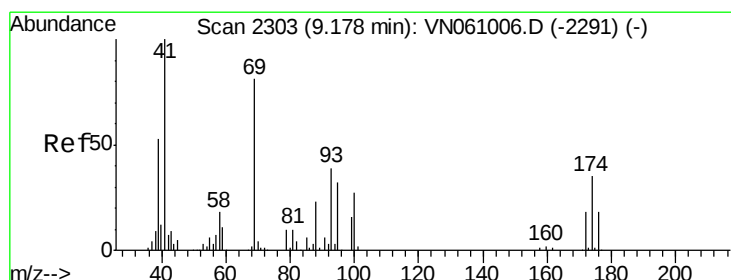
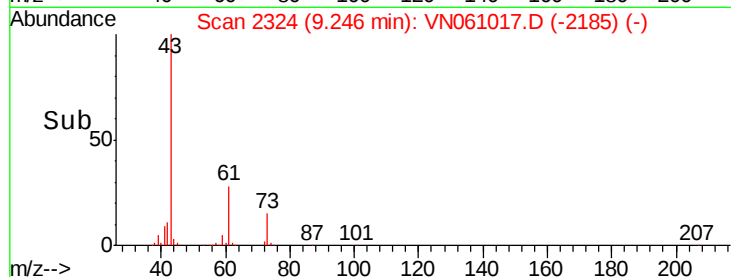
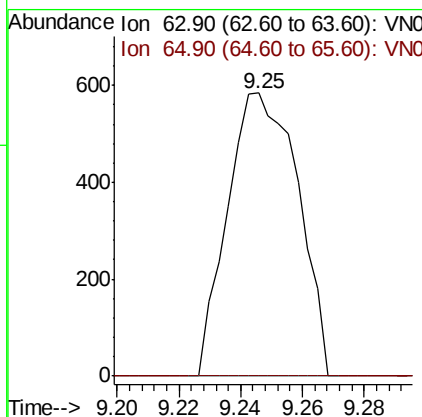
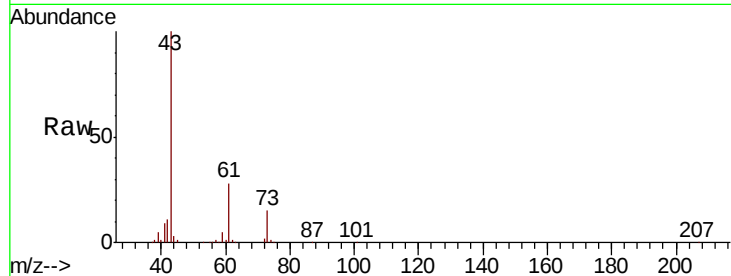




#45  
 1,2-Dichloropropane  
 Concen: 0.420 ug/l  
 RT: 9.25 min Scan# 2324  
 Delta R.T. 0.15 min  
 Lab File: VN061017.D  
 Acq: 16 Apr 2020 17:27

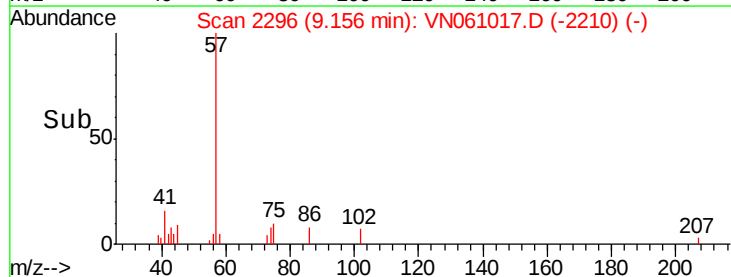
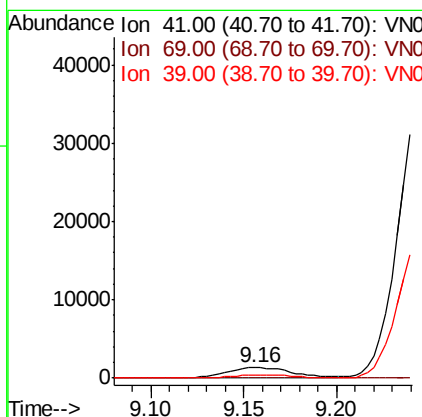
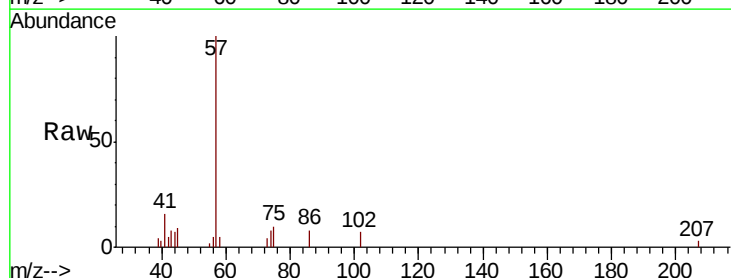
Instrument :  
 MSVOA\_N  
 ClientSampleId :

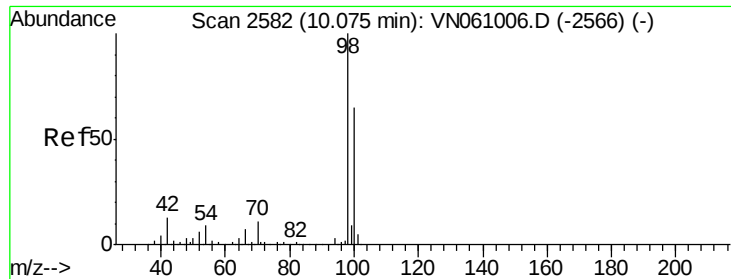
Tot Ion: 63 Resp: 925  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 25.2 37.8#



#48  
 Methyl methacrylate  
 Concen: 1.541 ug/l  
 RT: 9.16 min Scan# 2296  
 Delta R.T. -0.02 min  
 Lab File: VN061017.D  
 Acq: 16 Apr 2020 17:27

Tgt Ion: 41 Resp: 3304  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 65.3 97.9#  
 39 0.0 45.2 67.8#

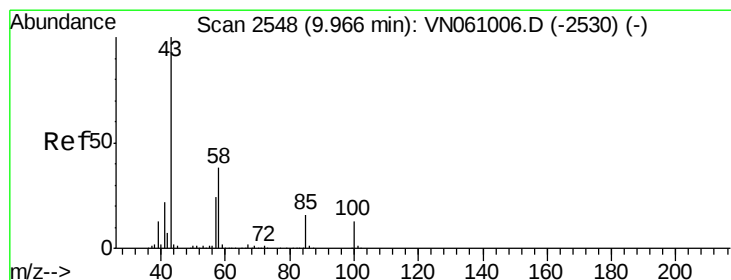
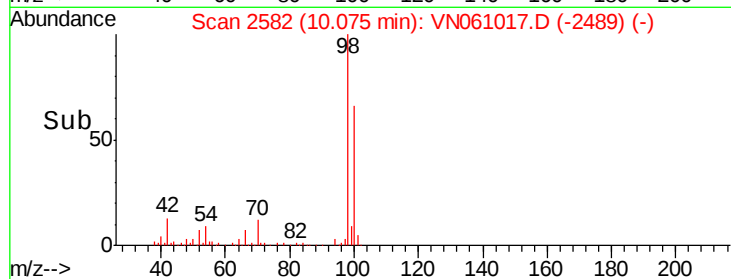
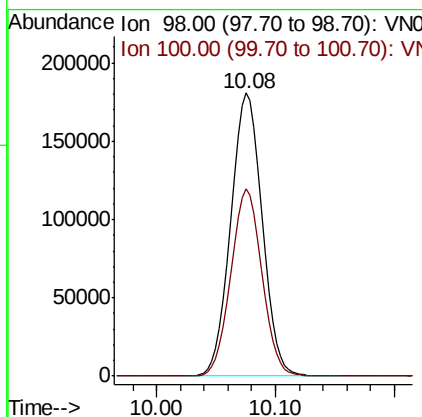
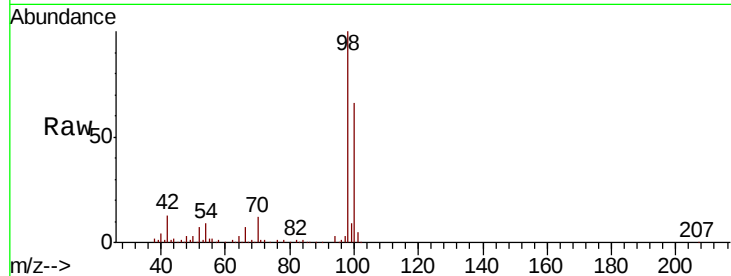




#50  
Toluene-d8  
Concen: 56.321 ug/l  
RT: 10.08 min Scan# 2582  
Delta R.T. 0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

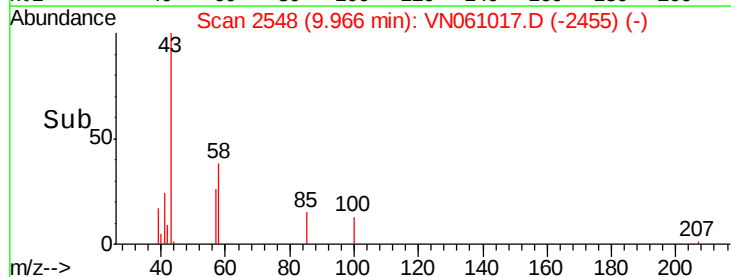
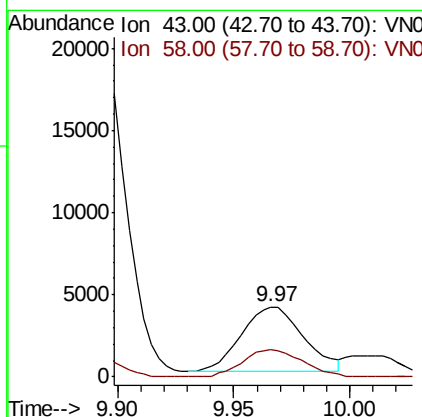
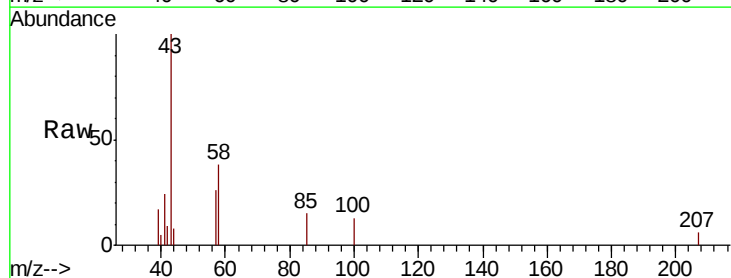
Instrument :  
MSVOA\_N  
ClientSampled :

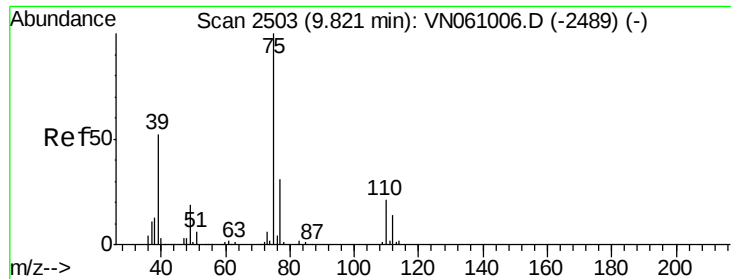
Tot Ion: 98 Resp: 330996  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 2.610 ug/l  
RT: 9.97 min Scan# 2548  
Delta R.T. 0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Tgt Ion: 43 Resp: 7301  
Ion Ratio Lower Upper  
43 100  
58 40.4 30.3 45.5





#54

cis-1,3-Dichloropropene

Concen: 6.497 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.07 min

Lab File: VN061017.D

Acq: 16 Apr 2020 17:27

Instrument :  
MSVOA\_N  
ClientSampleId :

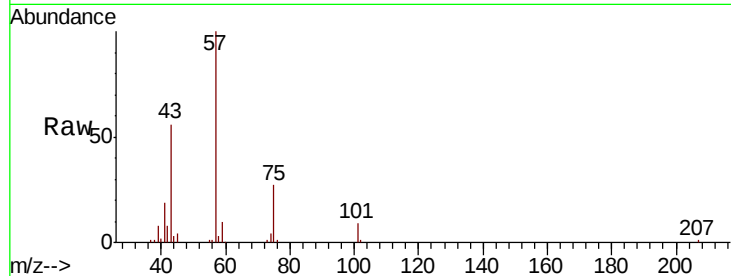
Tot Ion: 75 Resp: 22084

Ion Ratio Lower Upper

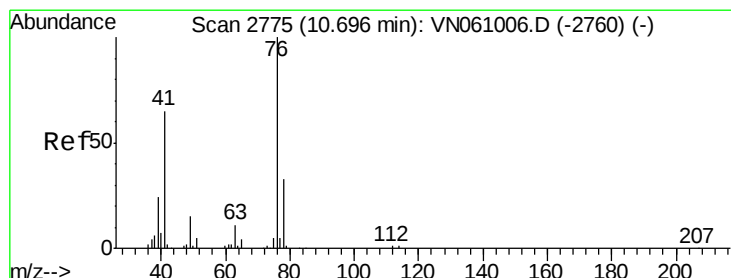
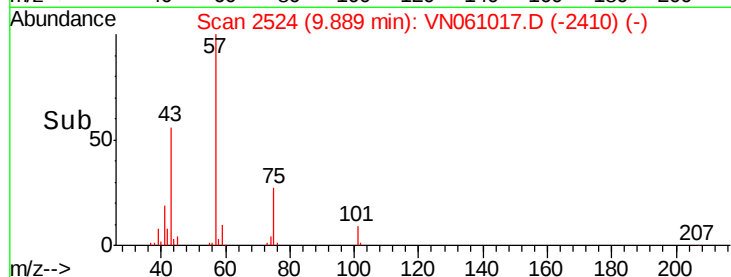
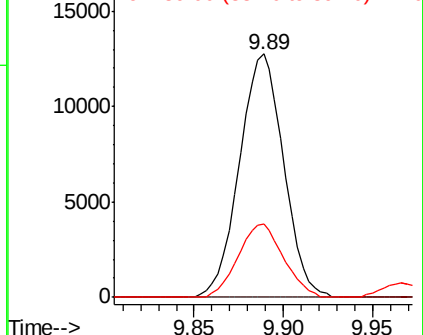
75 100

77 0.0 25.0 37.6#

39 30.1 41.4 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 76.90 (76.60 to 77.60): VN0  
Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.899 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN061017.D

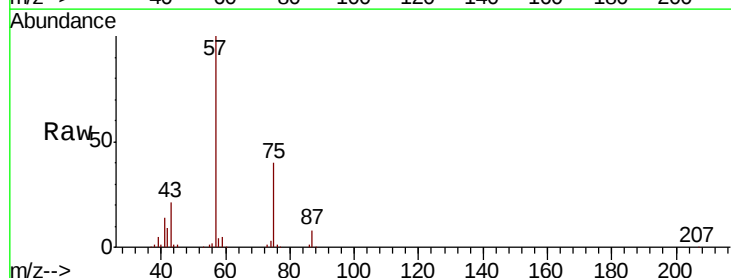
Acq: 16 Apr 2020 17:27

Tgt Ion: 76 Resp: 2968

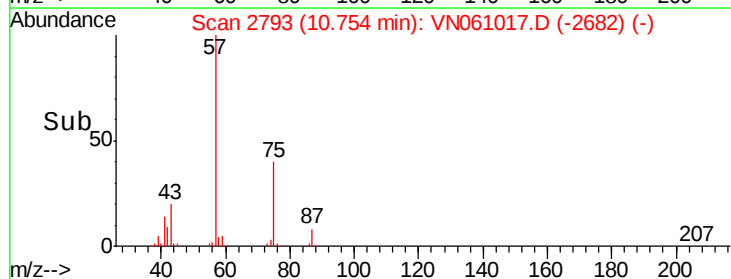
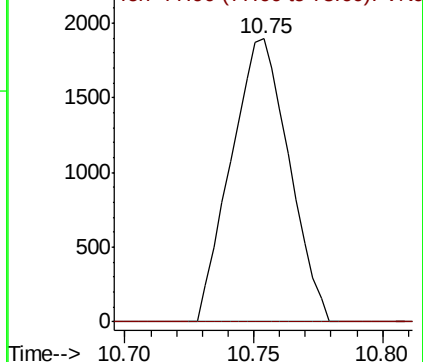
Ion Ratio Lower Upper

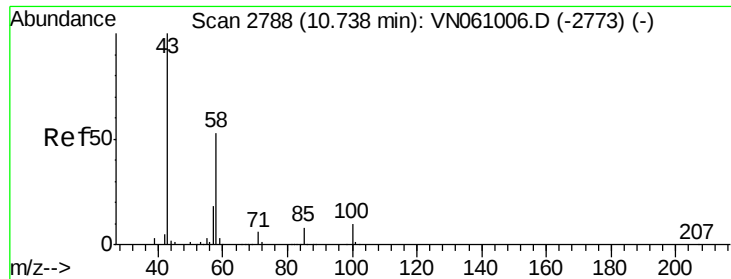
76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0  
Ion 77.90 (77.60 to 78.60): VN0

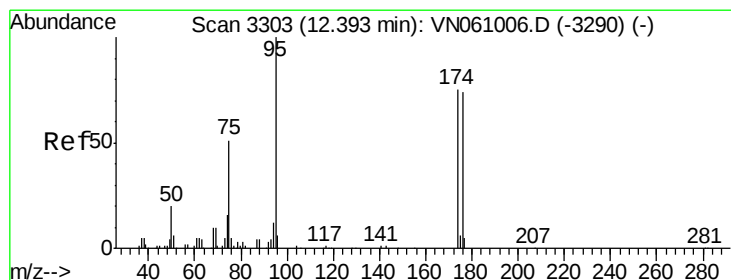
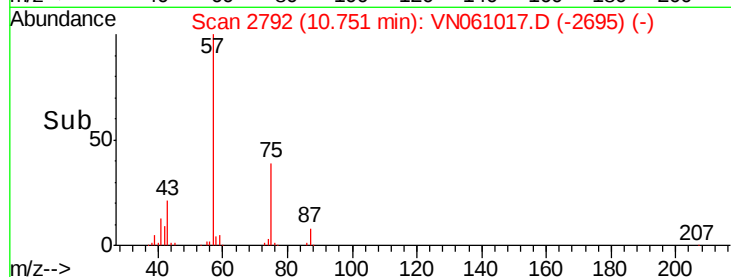
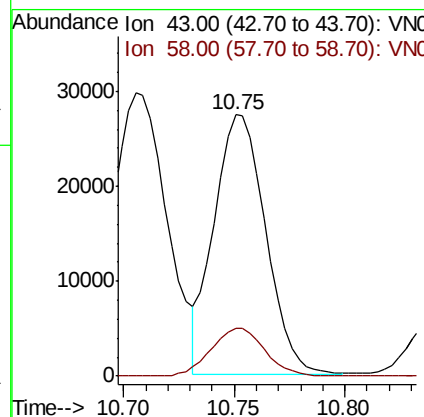
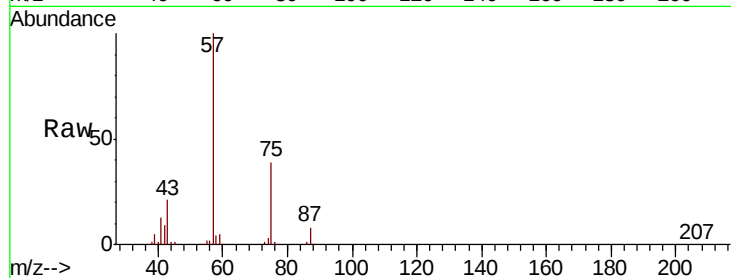




#59  
2-Hexanone  
Concen: 22.001 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.01 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

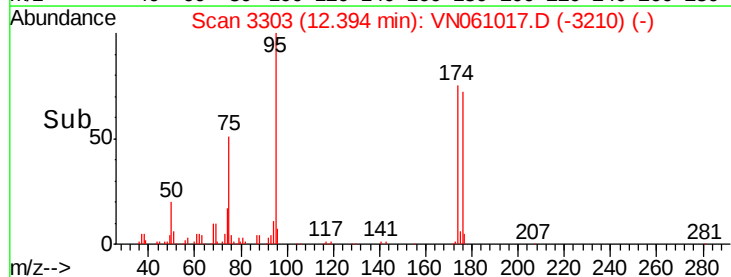
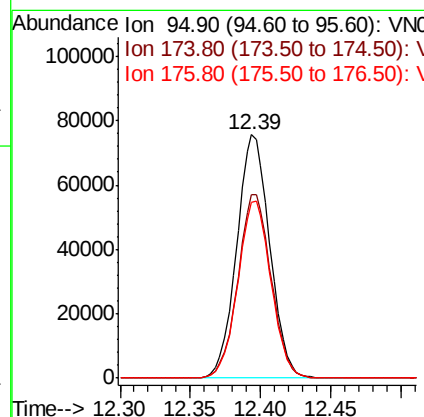
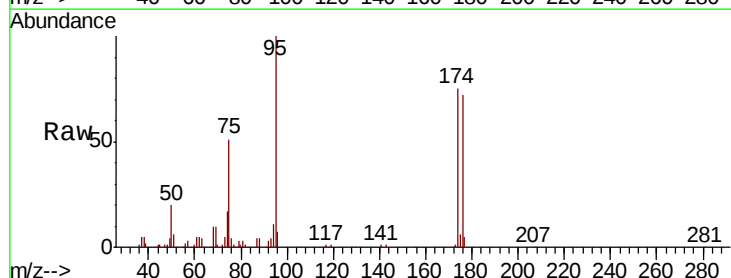
Instrument :  
MSVOA\_N  
ClientSampleId :

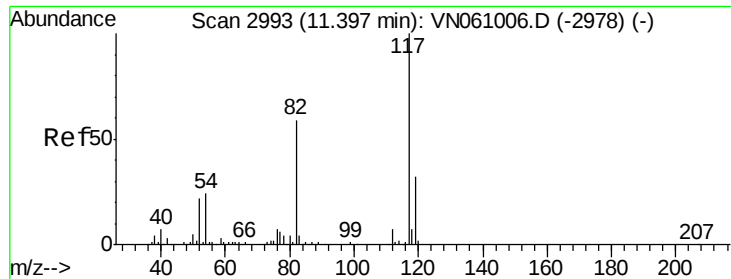
Tot Ion: 43 Resp: 44390  
Ion Ratio Lower Upper  
43 100  
58 19.1 26.4 79.0#



#62  
4-Bromofluorobenzene  
Concen: 53.865 ug/l  
RT: 12.39 min Scan# 3303  
Delta R.T. 0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Tgt Ion: 95 Resp: 124071  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 151.2  
176 73.0 0.0 148.2

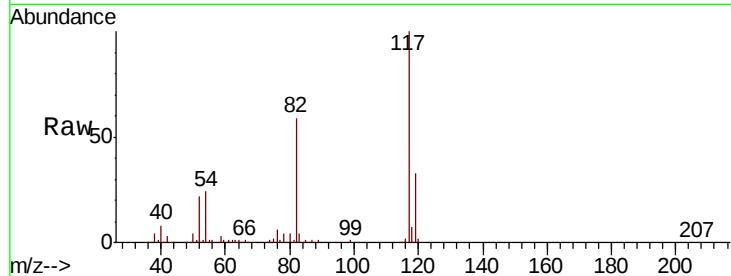




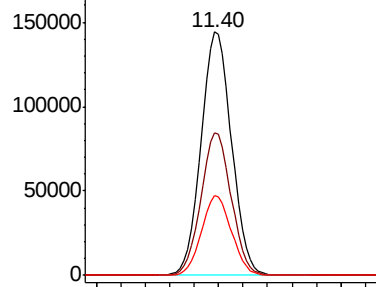
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2993  
Delta R.T. 0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Instrument :  
MSVOA\_N  
ClientSampleId :

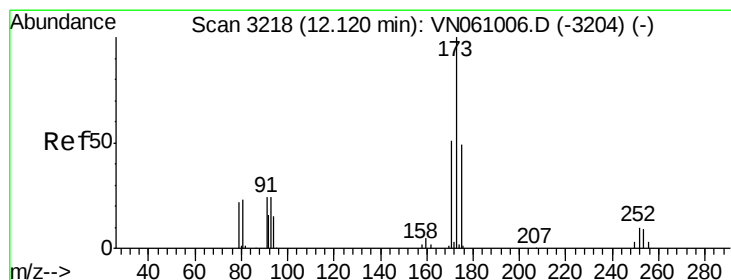
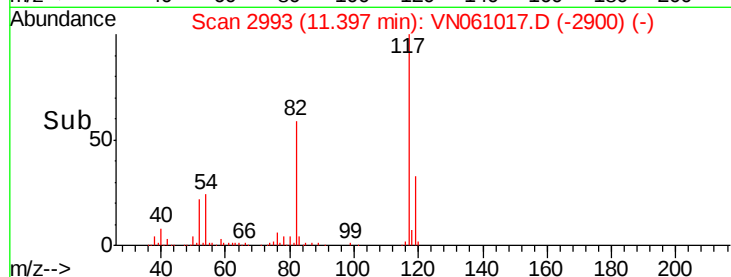
Tot Ion:117 Resp: 250830  
Ion Ratio Lower Upper  
117 100  
82 58.7 47.1 70.7  
119 32.6 25.7 38.5



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

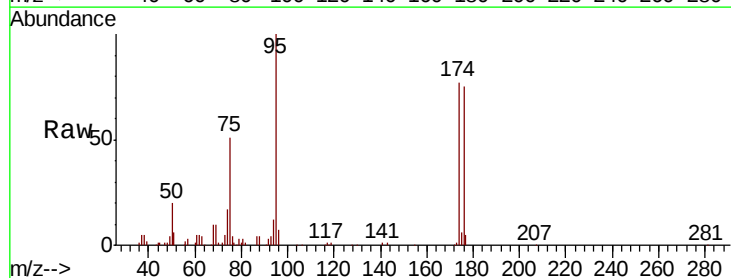


Time--> 11.30 11.40 11.50

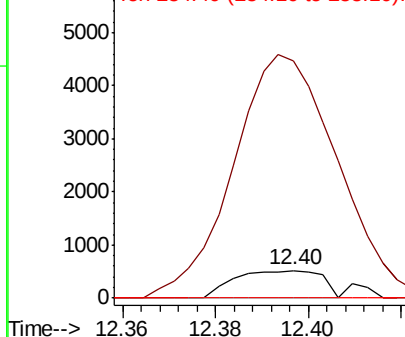


#71  
Bromoform  
Concen: 0.487 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.28 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

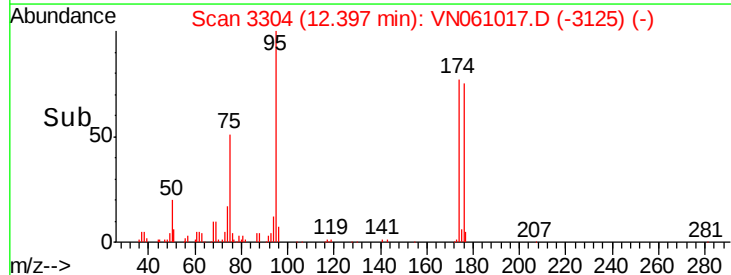
Tgt Ion:173 Resp: 673  
Ion Ratio Lower Upper  
173 100  
175 941.3 24.5 73.5#  
254 0.0 0.0 0.0

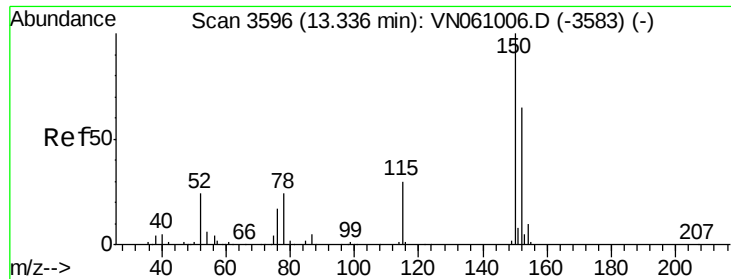


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



Time--> 12.36 12.38 12.40



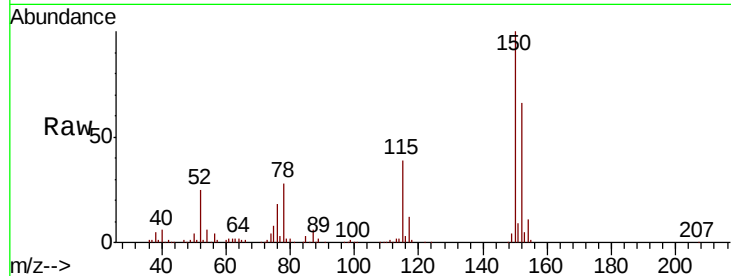


#72

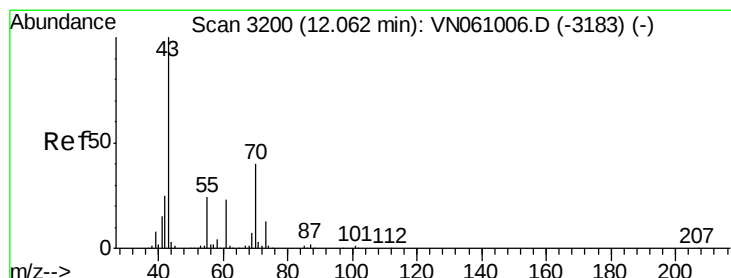
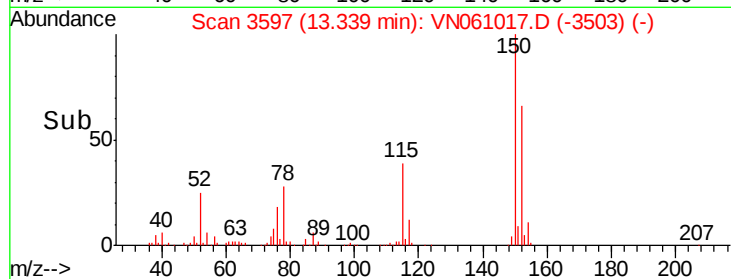
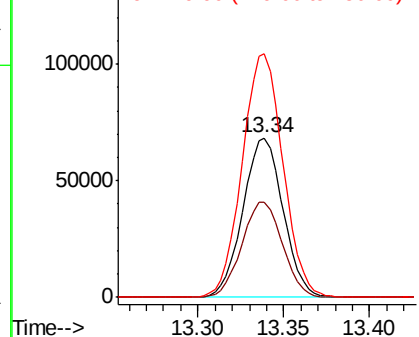
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:152 Resp: 110743  
Ion Ratio Lower Upper  
152 100  
115 60.7 30.8 92.4  
150 155.2 0.0 349.0



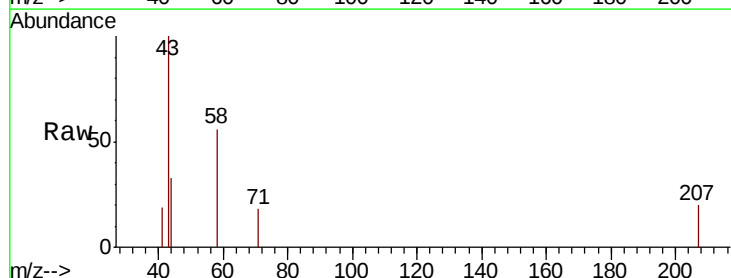
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



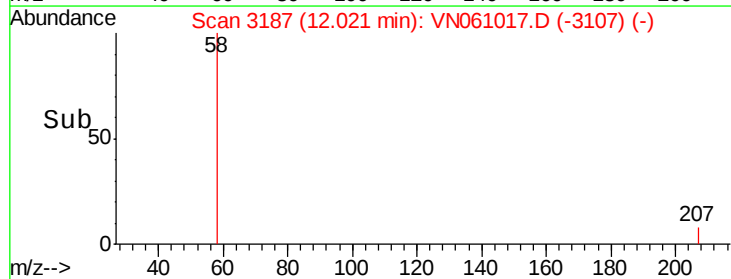
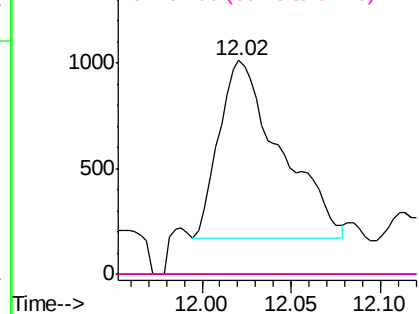
#74

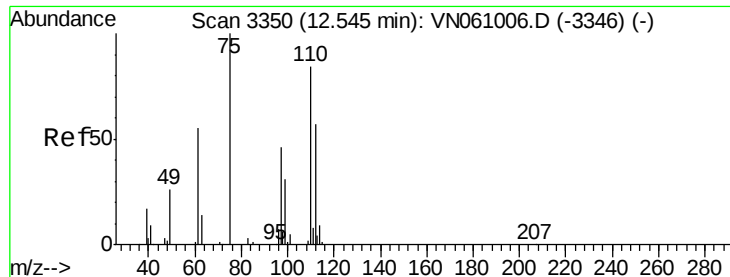
N-ethyl acetate  
Concen: 0.484 ug/l  
RT: 12.02 min Scan# 3187  
Delta R.T. -0.04 min  
Lab File: VN061017.D  
Acq: 16 Apr 2020 17:27

Tgt Ion: 43 Resp: 1997  
Ion Ratio Lower Upper  
43 100  
70 0.0 31.0 46.6#  
55 0.0 18.6 27.8#  
61 0.0 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): V  
Ion 70.00 (69.70 to 70.70): V  
Ion 55.00 (54.70 to 55.70): V  
Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 25.908 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061017.D

Acq: 16 Apr 2020 17:27

Instrument :

MSVOA\_N

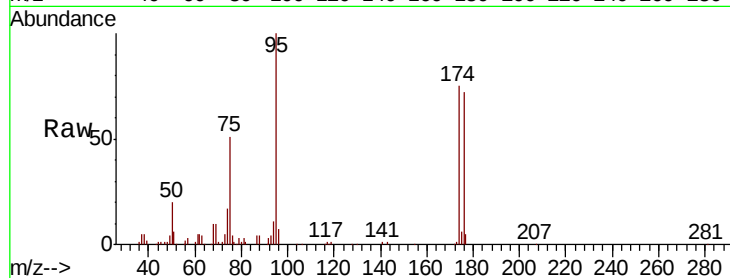
ClientSampled :

Tot Ion: 75 Resp: 63110

Ion Ratio Lower Upper

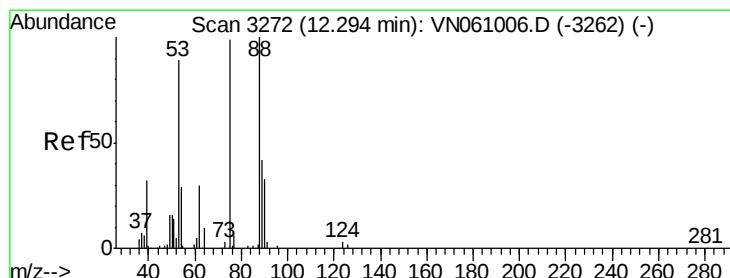
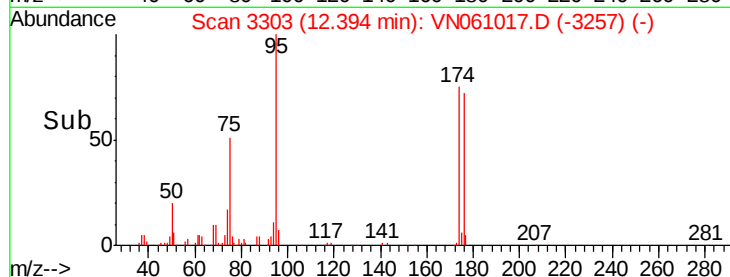
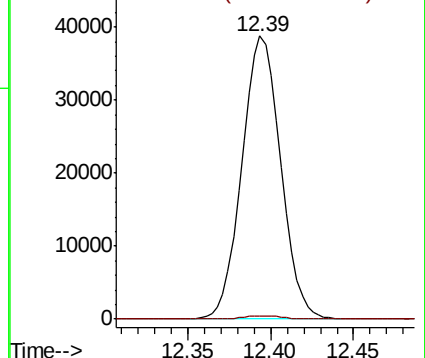
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 63.905 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061017.D

Acq: 16 Apr 2020 17:27

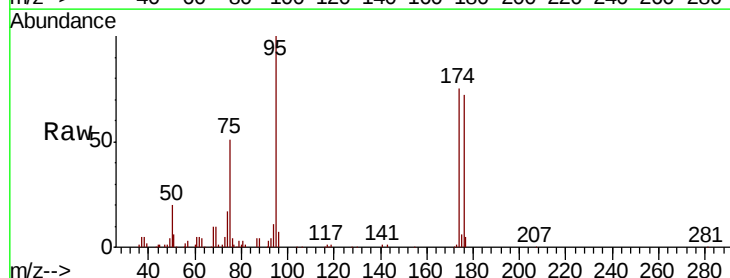
Tgt Ion: 75 Resp: 63110

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

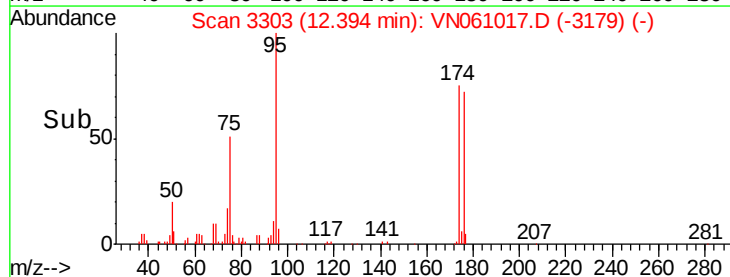
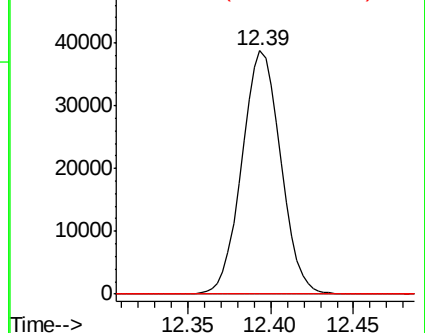
89 0.0 34.6 52.0#

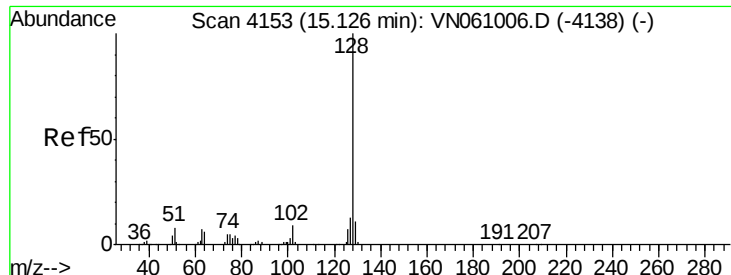


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 0.237 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

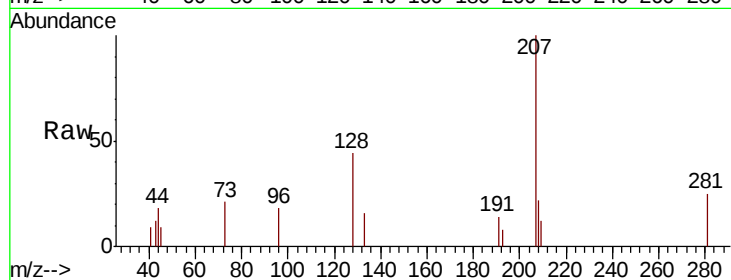
Lab File: VN061017.D

Acq: 16 Apr 2020 17:27

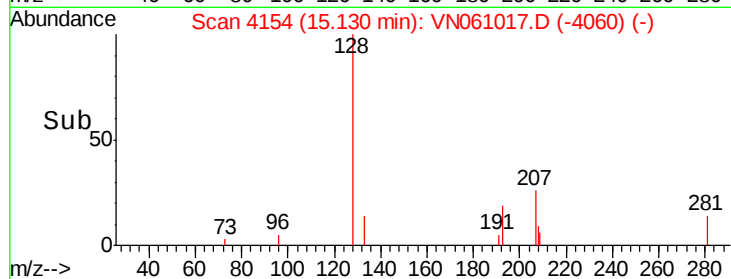
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 1442  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 0.0   | 10.2  | 15.4# |
| 129      | 0.0   | 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

