

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\  
 Data File : VN054860.D  
 Acq On : 31 Mar 2019 19:31  
 Operator : JC/SP  
 Sample : K2180-28  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 01 02:49:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 00:48:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 494750   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 850331   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 738783   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 276730   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 337503   | 50.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.22% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 266540   | 47.02 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.04%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1014639  | 48.14 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.28%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 325809   | 46.48 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.96%  |          |

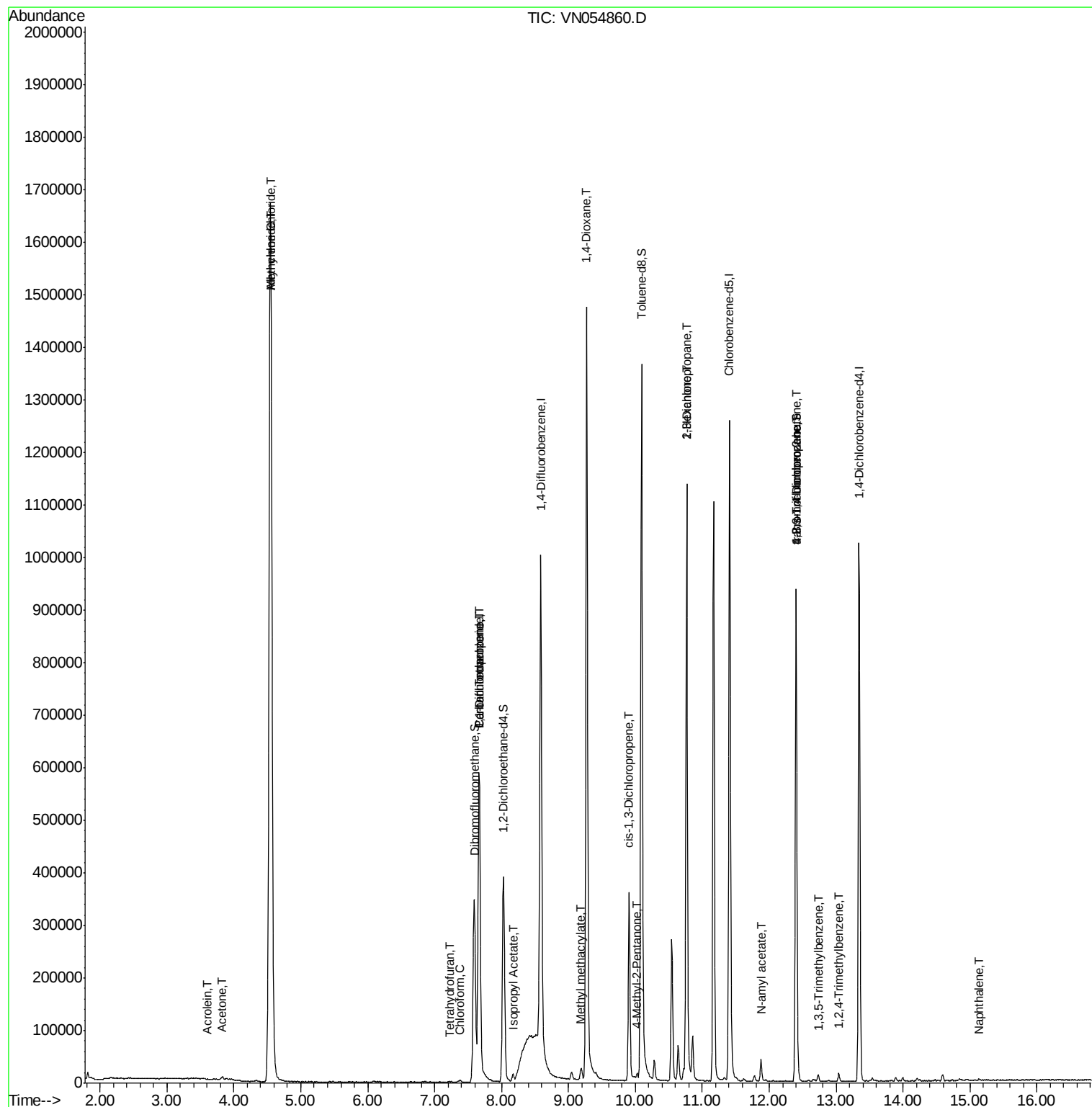
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.60  | 94   | 31       | Below Cal | #      | 2      |
| 13) Acrolein                   | 3.61  | 56   | 135      | 0.435     | ug/l # | 1      |
| 14) Allyl chloride             | 4.55  | 41   | 52939    | 5.526     | ug/l # | 23     |
| 16) Acetone                    | 3.83  | 43   | 6488     | 4.079     | ug/l # | 79     |
| 20) Methylene Chloride         | 4.55  | 84   | 1182543  | 210.791   | ug/l # | 84     |
| 29) Tetrahydrofuran            | 7.21  | 42   | 450      | 0.276     | ug/l # | 48     |
| 30) Chloroform                 | 7.37  | 83   | 2394     | 0.248     | ug/l   | 96     |
| 31) Cyclohexane                | 7.66  | 56   | 12057    | Below Cal | #      | 41     |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 38953    | 4.916     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 47031    | 6.111     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 16517    | 1.749     | ug/l # | 95     |
| 48) Methyl methacrylate        | 9.18  | 41   | 8411     | 1.643     | ug/l # | 11     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 95       | 1.871     | ug/l # | 27     |
| 51) 4-Methyl-2-Pentanone       | 10.02 | 43   | 10091    | 1.901     | ug/l # | 36     |
| 54) cis-1,3-Dichloropropene    | 9.91  | 75   | 59275    | 6.979     | ug/l # | 69     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 11651    | 1.351     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 187082   | 55.056    | ug/l # | 46     |
| 74) N-amyl acetate             | 11.88 | 43   | 14637    | 2.077     | ug/l # | 50     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.41 | 83   | 186      | Below Cal | #      | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 169254   | 35.207    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 6123     | 0.330     | ug/l   | 93     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 169254   | 136.945   | ug/l # | 11     |
| 83) tert-Butylbenzene          | 13.05 | 119  | 1106     | Below Cal | #      | 54     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 8124     | 0.459     | ug/l   | 99     |
| 95) Naphthalene                | 15.14 | 128  | 2748     | 0.276     | ug/l # | 71     |

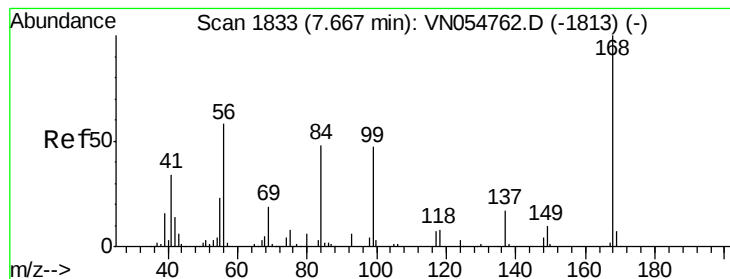
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 30 00:48:18 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

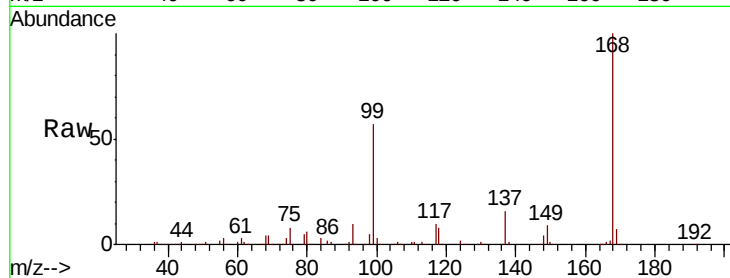
ClientSampled :

Tot Ion:168 Resp: 494750

Ion Ratio Lower Upper

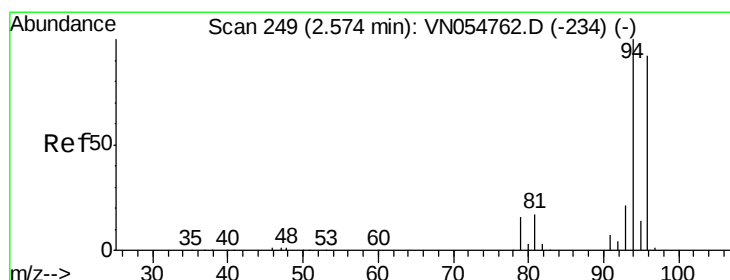
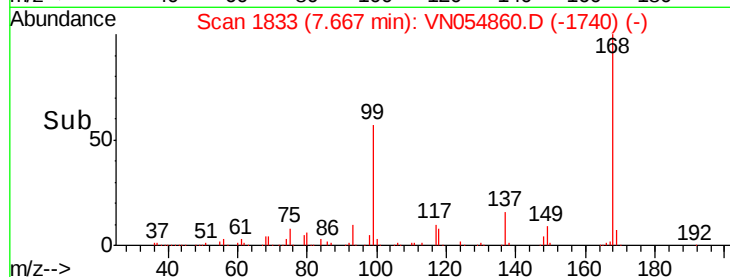
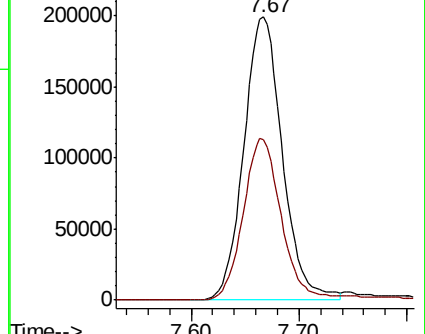
168 100

99 56.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.60 min Scan# 257

Delta R.T. 0.03 min

Lab File: VN054860.D

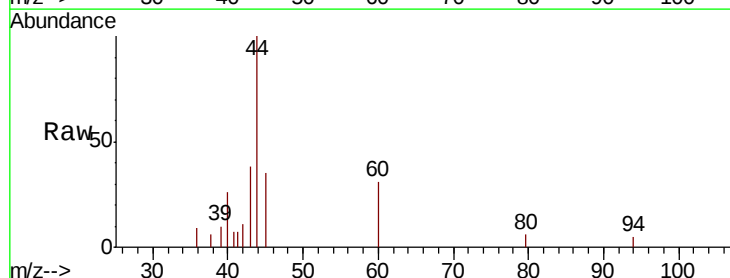
Acq: 31 Mar 2019 19:31

Tgt Ion: 94 Resp: 31

Ion Ratio Lower Upper

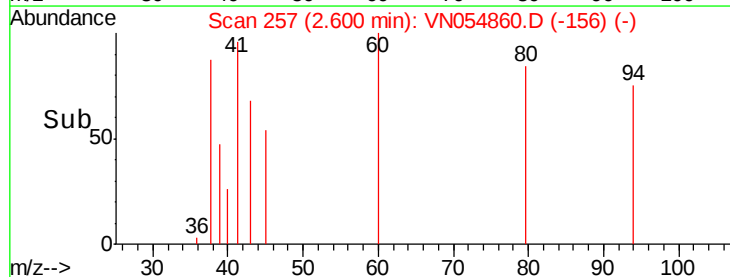
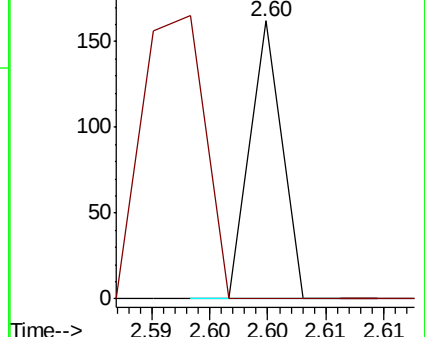
94 100

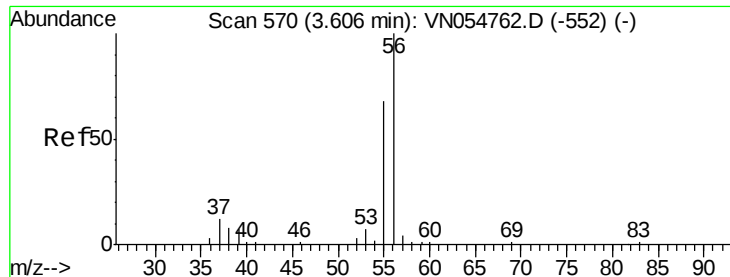
96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#13

Acrolein

Concen: 0.435 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

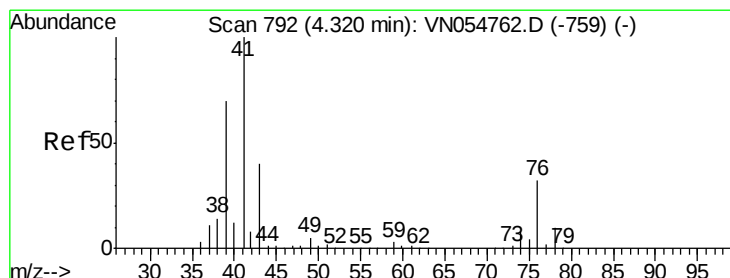
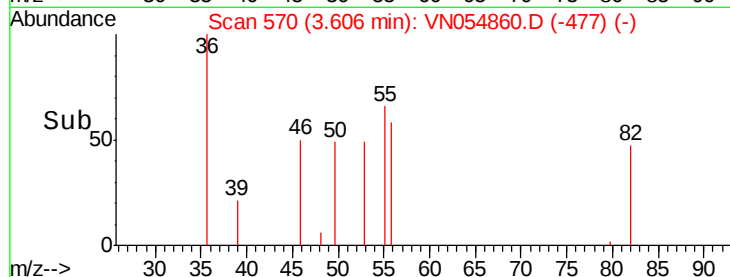
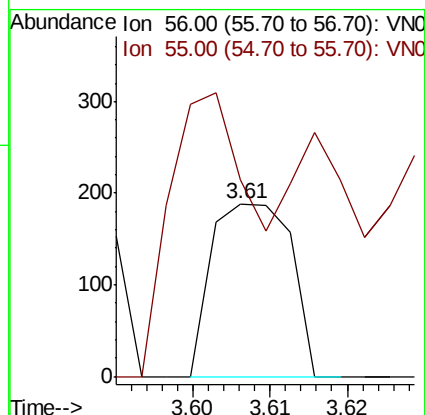
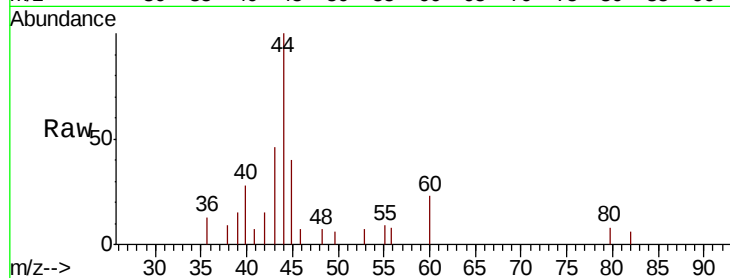
ClientSampled :

Tot Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

55 166.7 56.7 85.1#



#14

Allyl chloride

Concen: 5.526 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

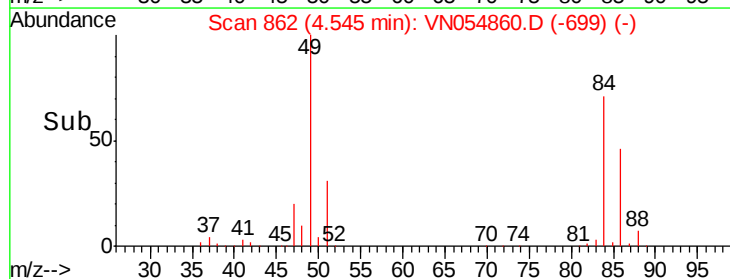
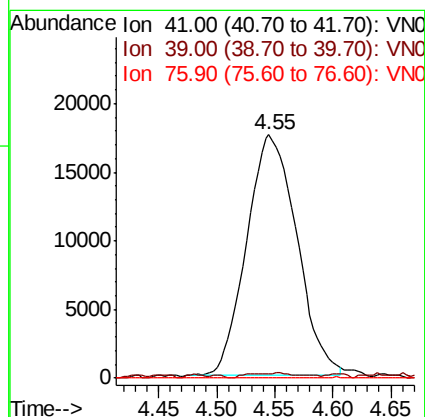
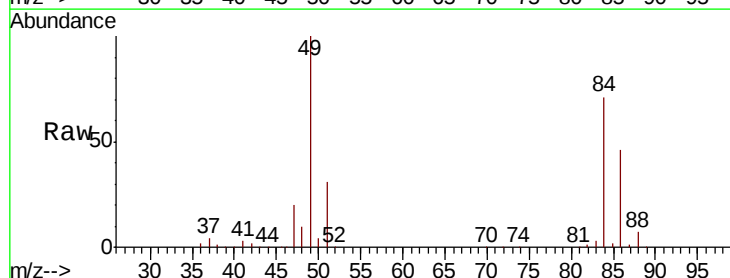
Tgt Ion: 41 Resp: 52939

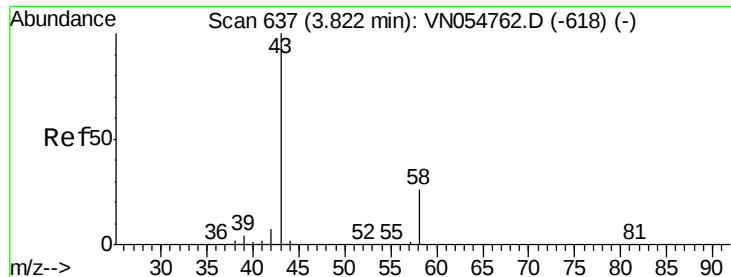
Ion Ratio Lower Upper

41 100

39 2.4 58.2 87.4#

76 0.0 31.7 47.5#





#16

Acetone

Concen: 4.079 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

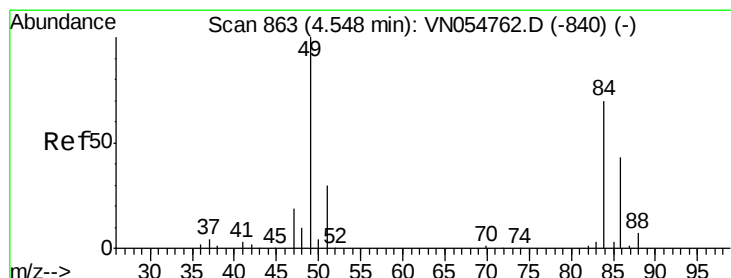
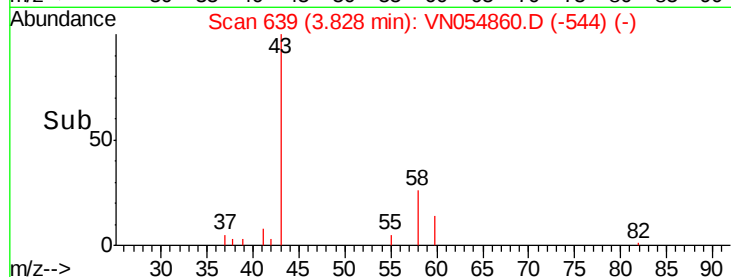
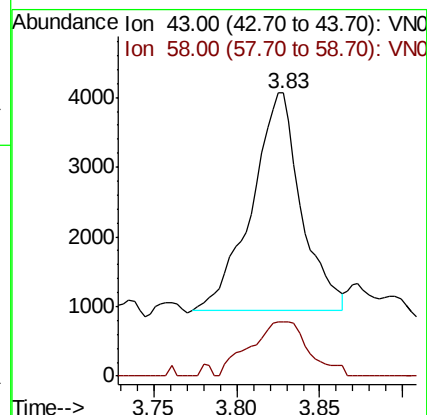
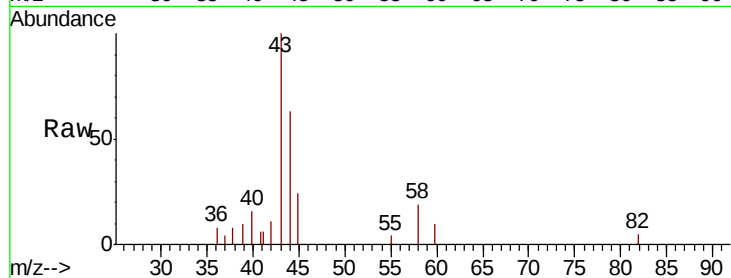
ClientSampleId :

Tot Ion: 43 Resp: 6488

Ion Ratio Lower Upper

43 100

58 24.8 29.9 44.9#



#20

Methylene Chloride

Concen: 210.791 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Tgt Ion: 84 Resp: 1182543

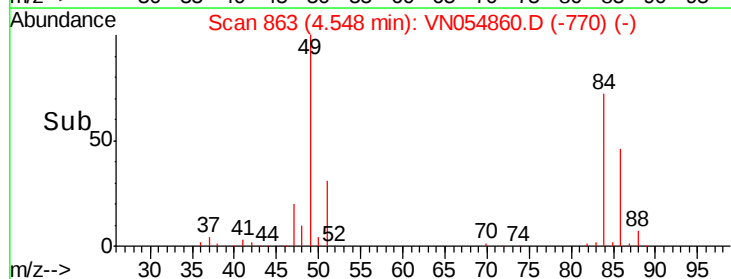
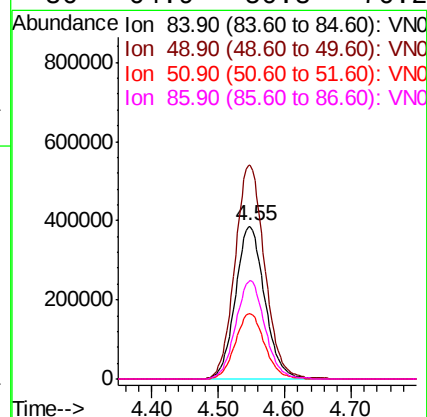
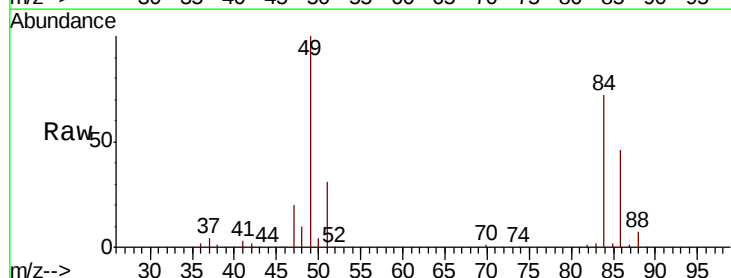
Ion Ratio Lower Upper

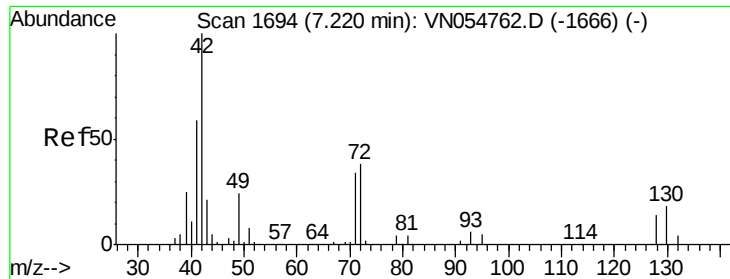
84 100

49 139.8 89.7 134.5#

51 42.8 28.2 42.4#

86 64.9 50.8 76.2

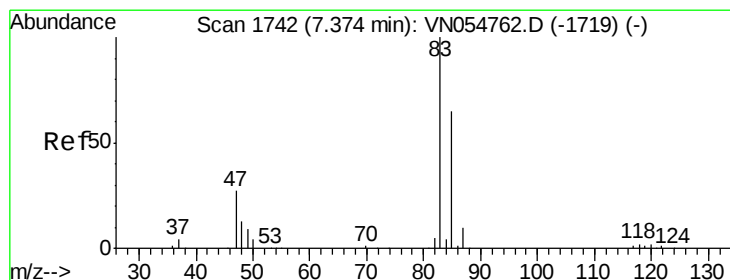
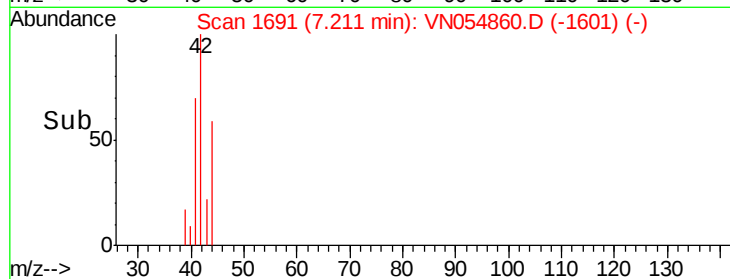
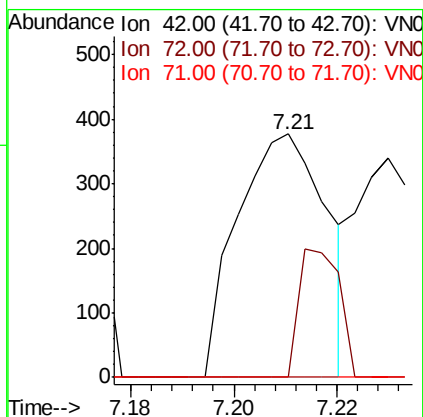
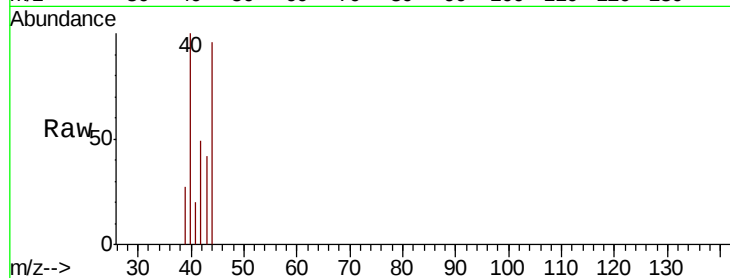




#29  
Tetrahydrofuran  
Concen: 0.276 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

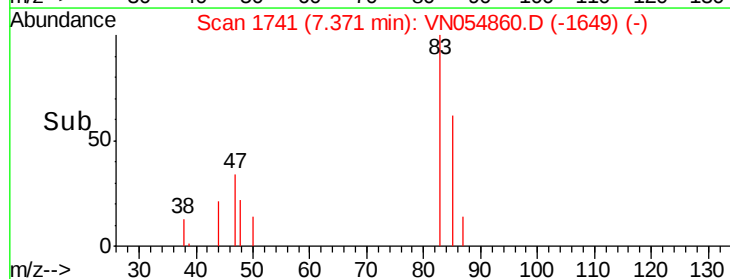
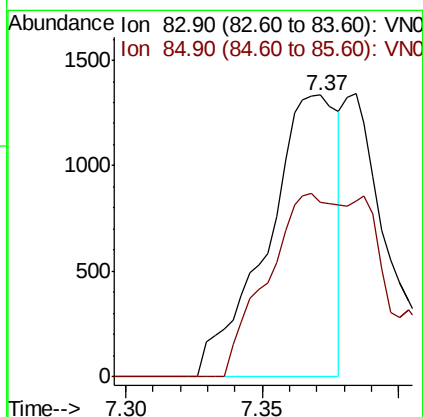
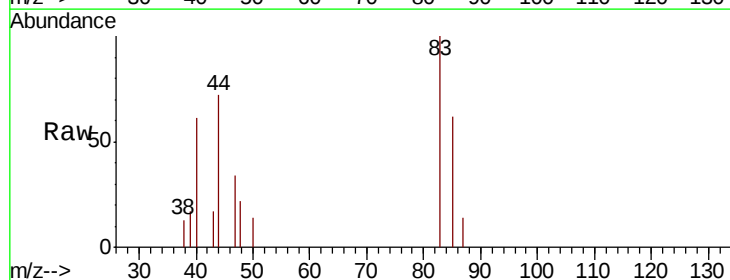
Instrument :  
MSVOA\_N  
ClientSampled :

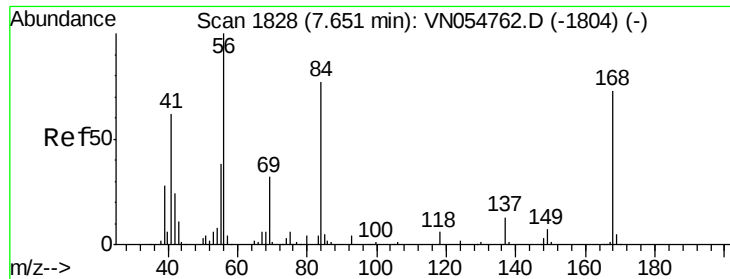
Tot Ion: 42 Resp: 450  
Ion Ratio Lower Upper  
42 100  
72 23.8 37.8 56.6#  
71 0.0 36.2 54.2#



#30  
Chloroform  
Concen: 0.248 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

Tgt Ion: 83 Resp: 2394  
Ion Ratio Lower Upper  
83 100  
85 62.1 52.2 78.4

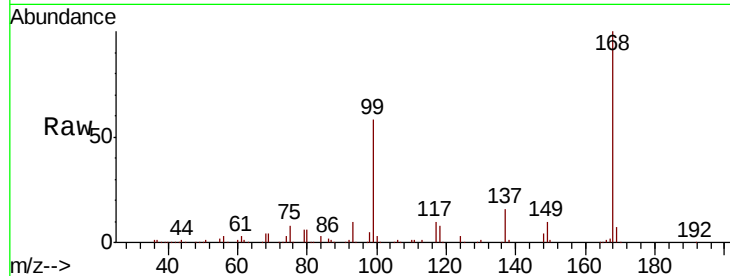




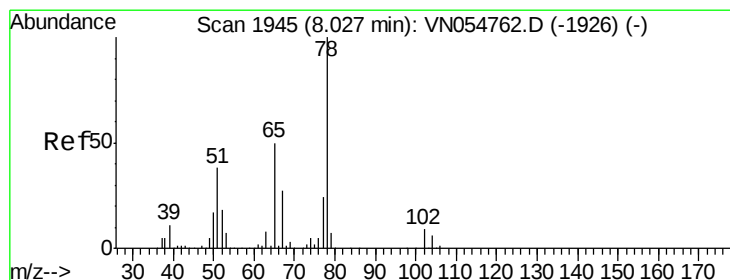
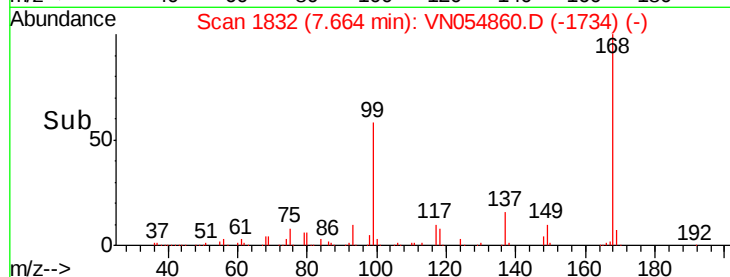
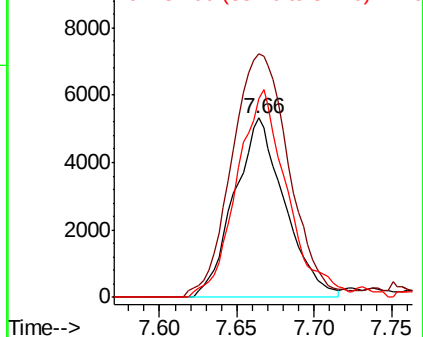
#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 12057  
Ion Ratio Lower Upper  
56 100  
69 131.7 27.8 41.6#  
84 110.5 74.6 111.8

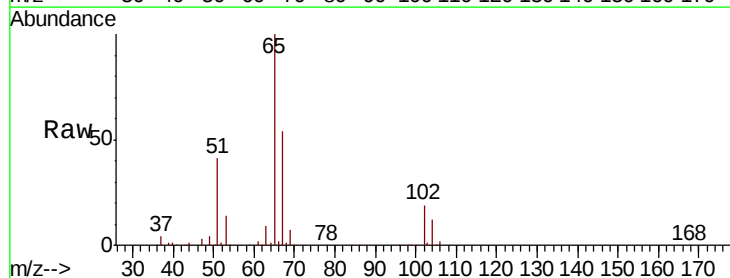


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

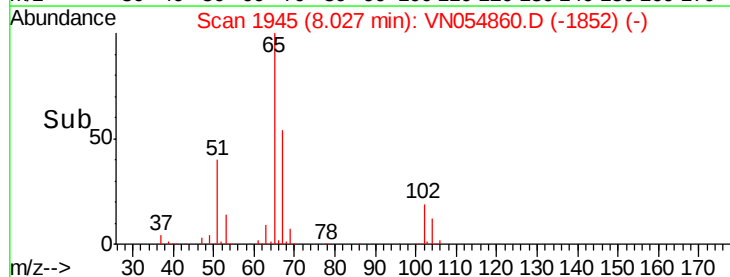
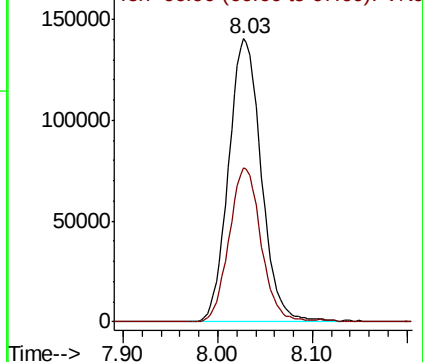


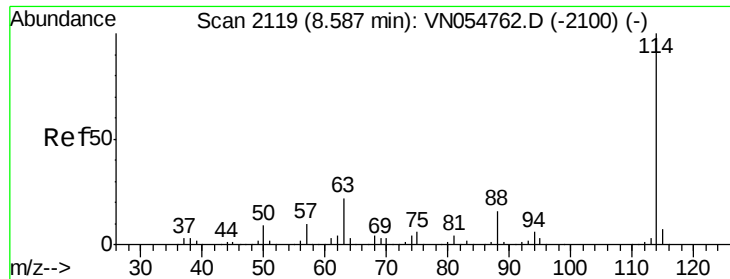
#33  
1,2-Dichloroethane-d4  
Concen: 50.605 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

Tgt Ion: 65 Resp: 337503  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 104.6



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

ClientSampled :

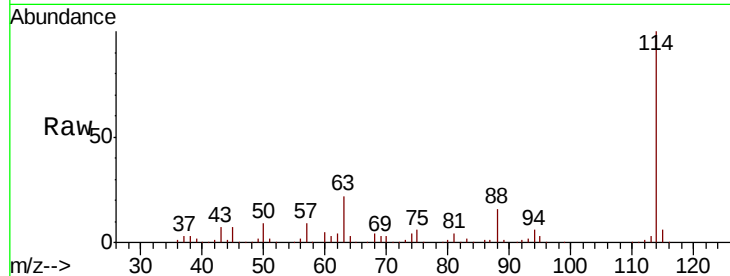
Tot Ion:114 Resp: 850331

Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.2

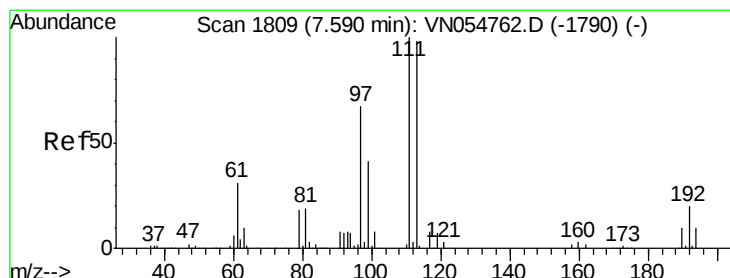
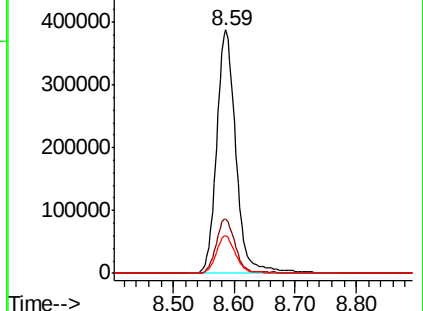
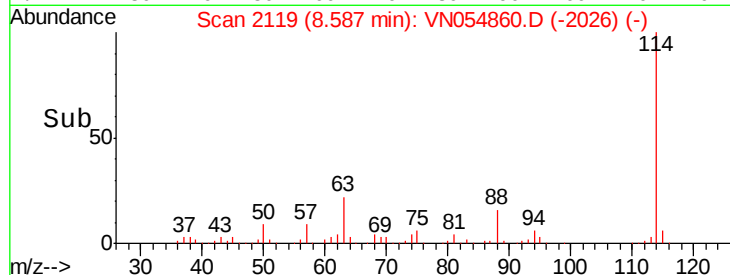
88 15.5 0.0 30.2



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: 47.016 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

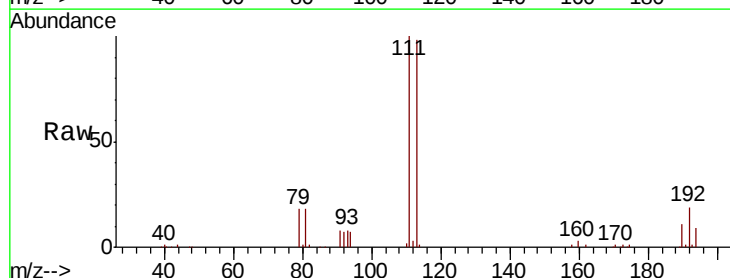
Tgt Ion:113 Resp: 266540

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

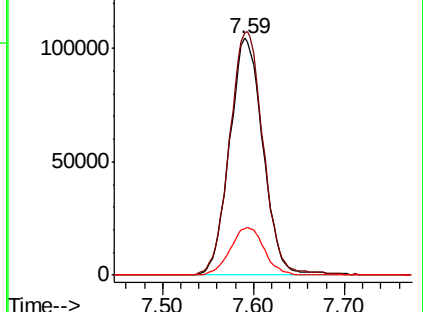
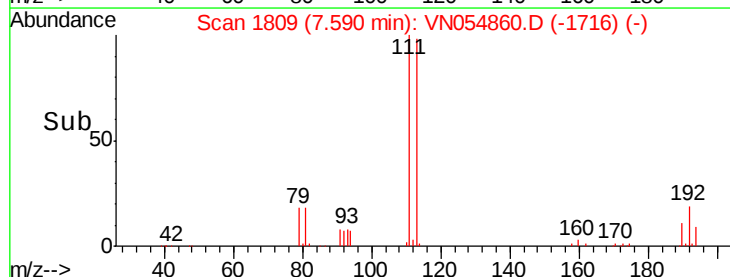
192 20.4 19.2 28.8

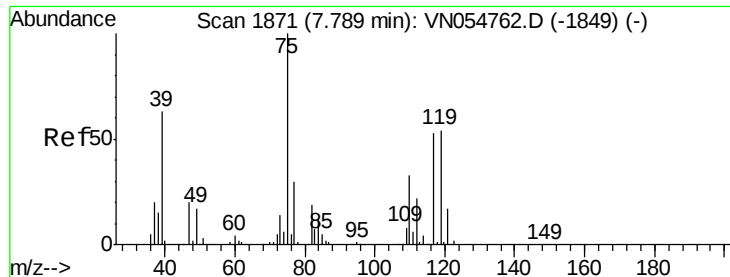


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

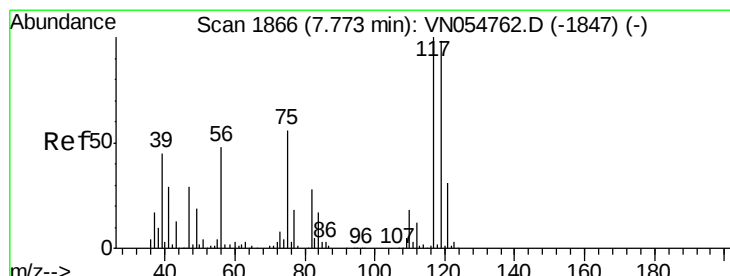
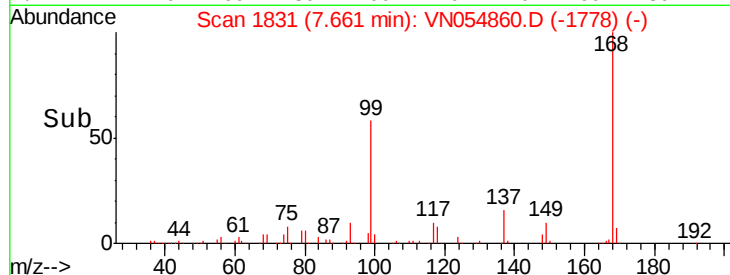
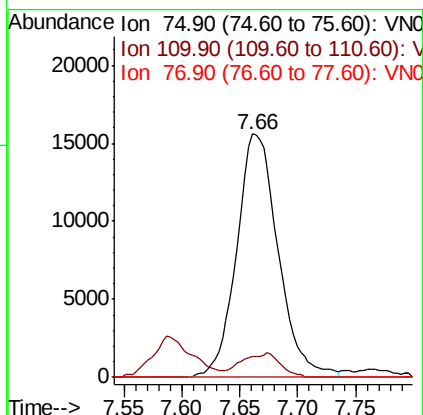
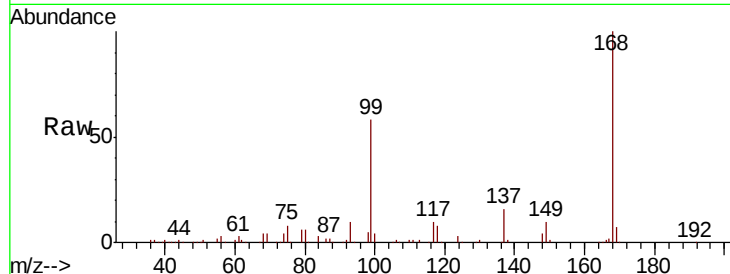




#36  
 1,1-Dichloropropene  
 Concen: 4.916 ug/l  
 RT: 7.66 min Scan# 1831  
 Delta R.T. -0.13 min  
 Lab File: VN054860.D  
 Acq: 31 Mar 2019 19:31

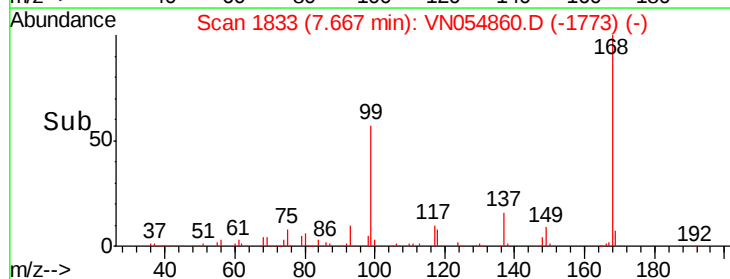
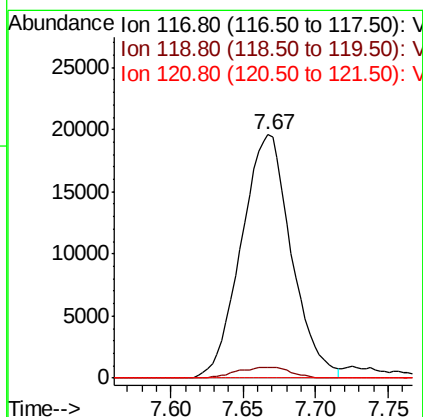
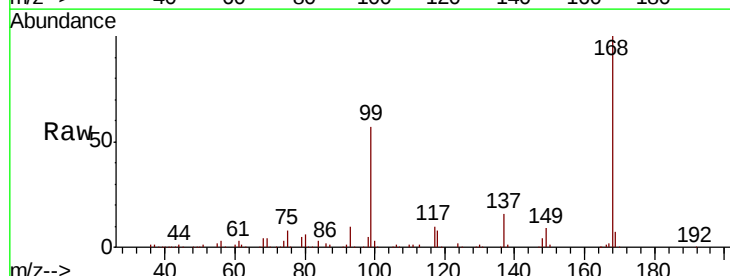
Instrument :  
 MSVOA\_N  
 ClientSampled :

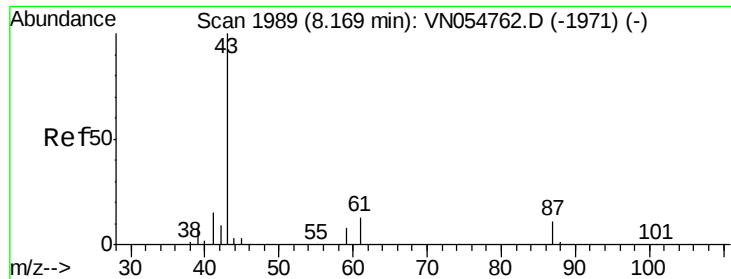
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.4   | 19.1  | 57.5# |
| 77      | 0.0   | 25.0  | 37.4# |



#38  
 Carbon Tetrachloride  
 Concen: 6.111 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN054860.D  
 Acq: 31 Mar 2019 19:31

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 4.6   | 76.3  | 114.5# |
| 121     | 0.0   | 24.6  | 36.8#  |





#43

Isopropyl Acetate

Concen: 1.749 ug/l

RT: 8.17 min Scan# 1989

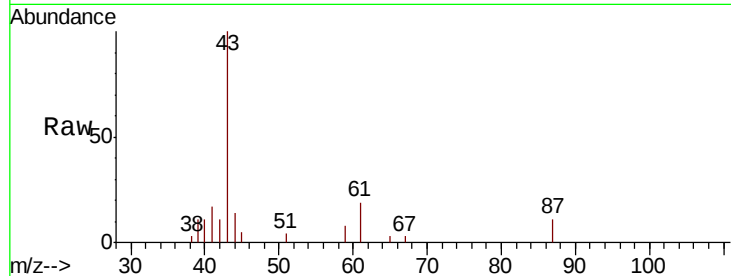
Delta R.T. 0.00 min

Lab File: VN054860.D

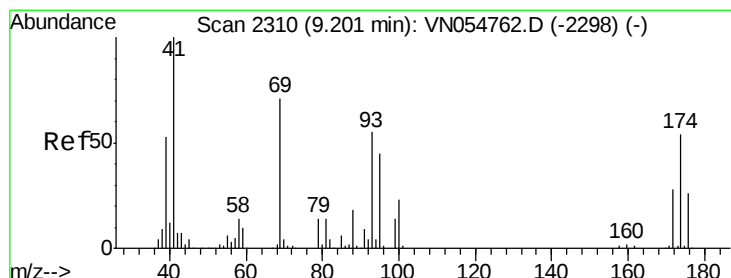
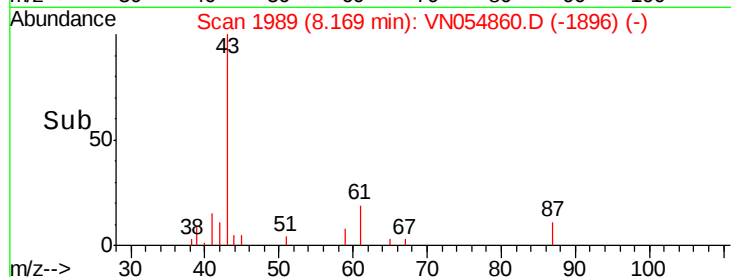
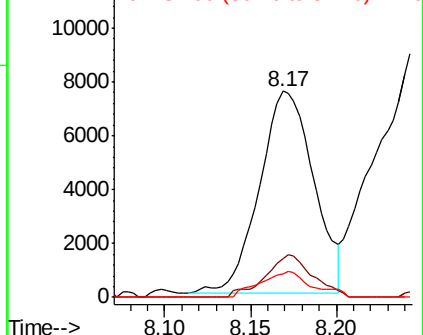
Acq: 31 Mar 2019 19:31

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 16517 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 18.1  | 15.8  | 23.8  |
| 87       | 11.9  | 12.0  | 18.0# |



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.643 ug/l

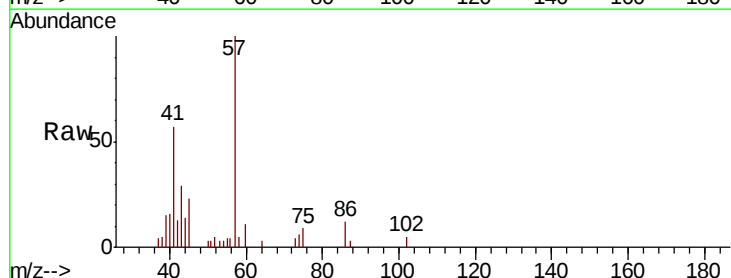
RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

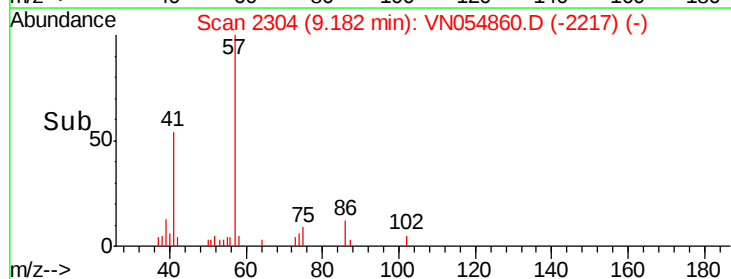
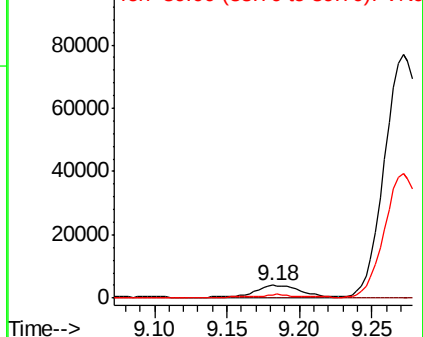
Lab File: VN054860.D

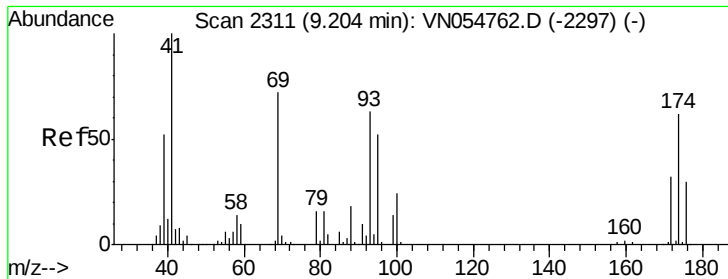
Acq: 31 Mar 2019 19:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 8411   |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 0.0   | 72.6  | 108.8# |
| 39       | 0.0   | 47.5  | 71.3#  |



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

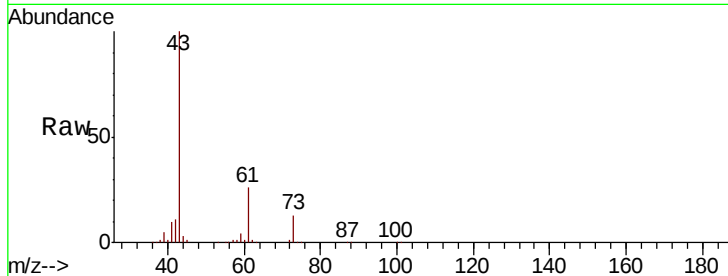




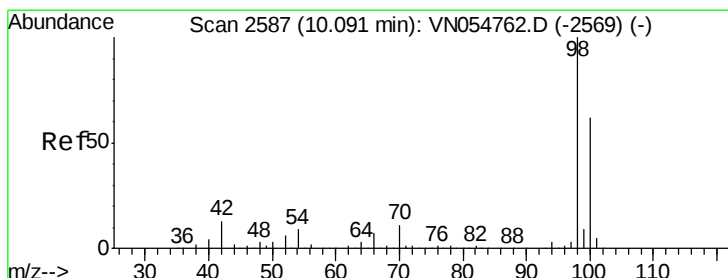
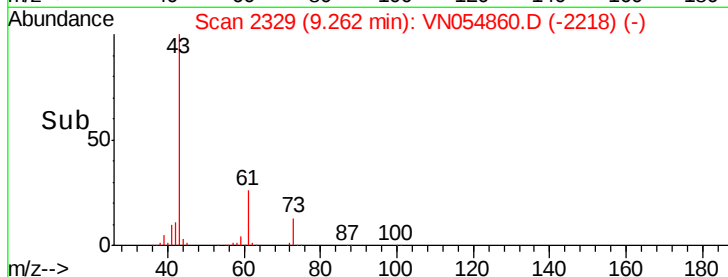
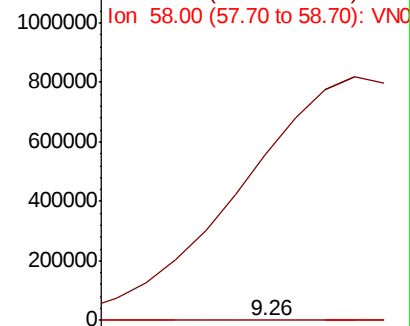
#49  
1,4-Dioxane  
Concen: 1.871 ug/l  
RT: 9.26 min Scan# 2329  
Delta R.T. 0.06 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 88 Resp: 95  
Ion Ratio Lower Upper  
88 100  
43 0.0 24.1 36.1#  
58 0.0 50.8 76.2#

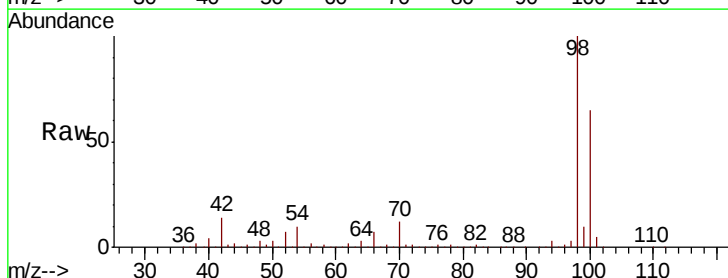


Abundance Ion 88.00 (87.70 to 88.70): VNO  
Ion 43.00 (42.70 to 43.70): VNO  
Ion 58.00 (57.70 to 58.70): VNO

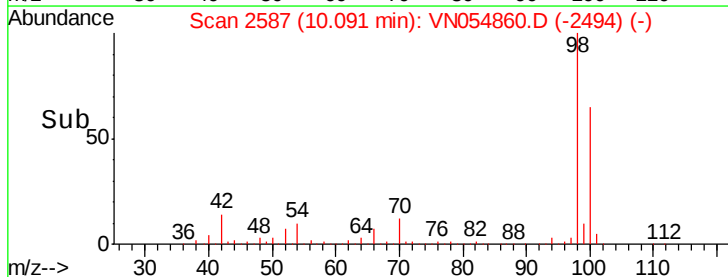
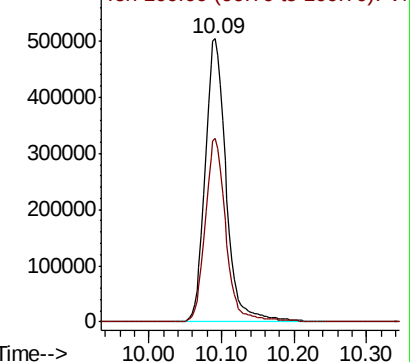


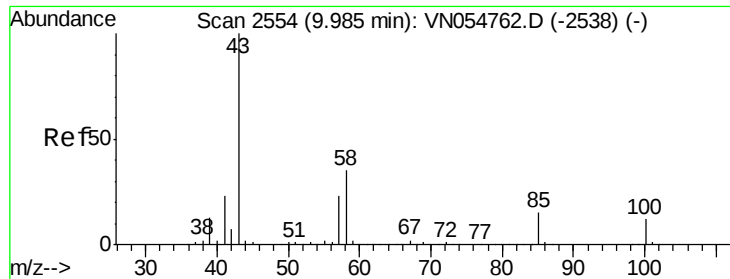
#50  
Toluene-d8  
Concen: 48.141 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

Tgt Ion: 98 Resp: 1014639  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VNO  
Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 1.901 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

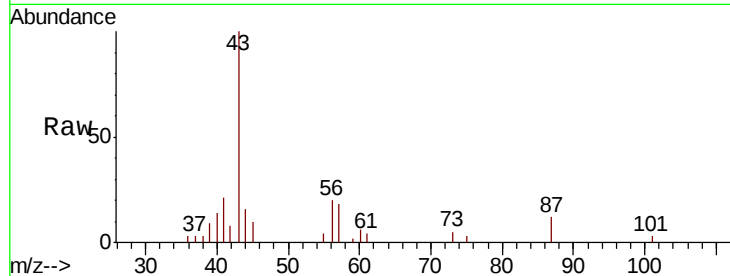
ClientSampled :

Tot Ion: 43 Resp: 10091

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

8000

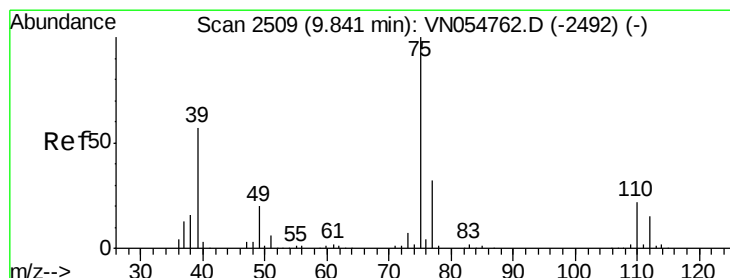
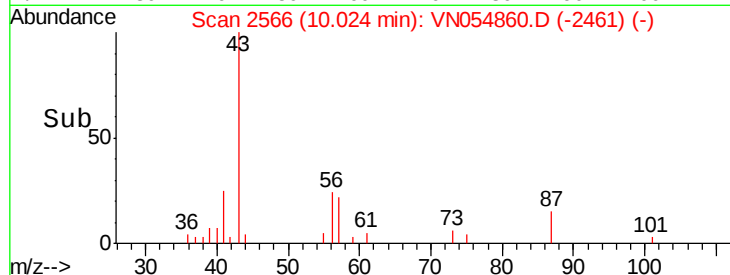
6000

4000

2000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.979 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

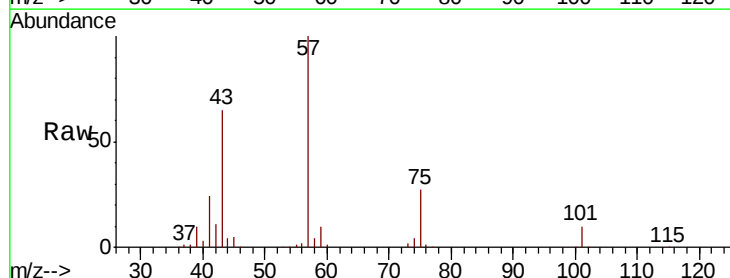
Tgt Ion: 75 Resp: 59275

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

39 37.2 37.2 55.8



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

40000

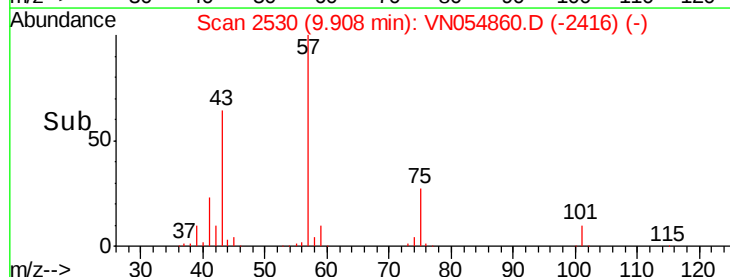
30000

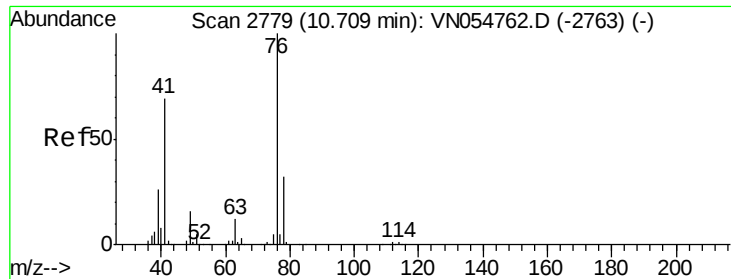
20000

10000

0

Time-->

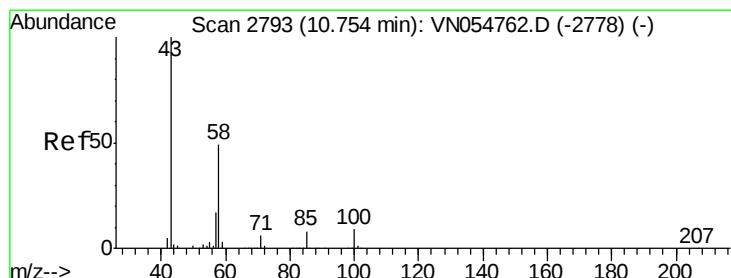
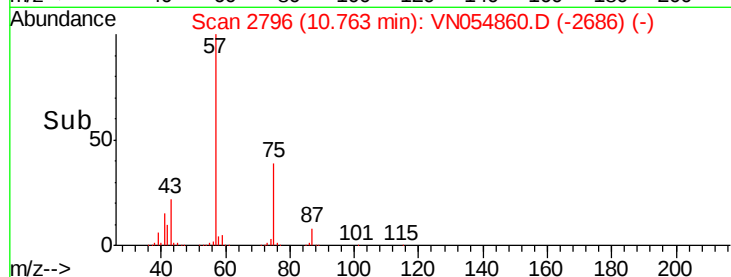
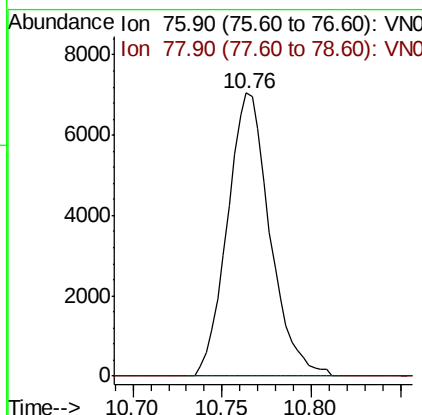
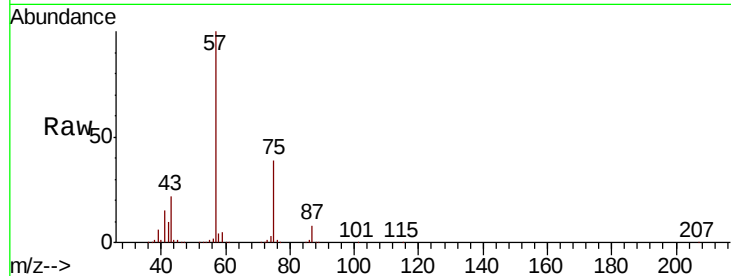




#57  
 1,3-Dichloropropane  
 Concen: 1.351 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.05 min  
 Lab File: VN054860.D  
 Acq: 31 Mar 2019 19:31

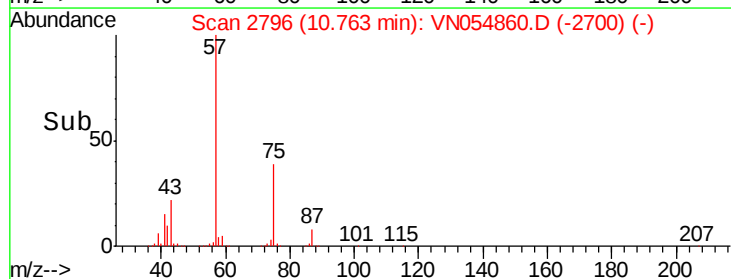
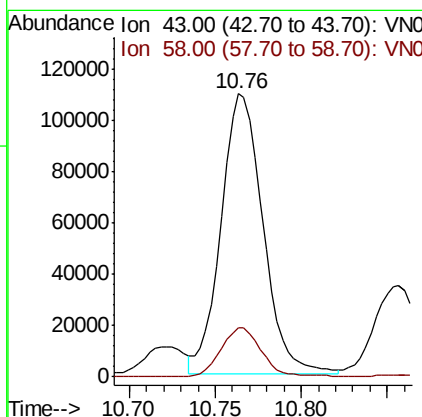
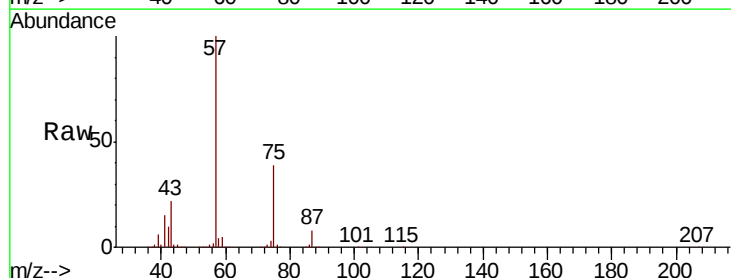
Instrument :  
 MSVOA\_N  
 ClientSampleId :

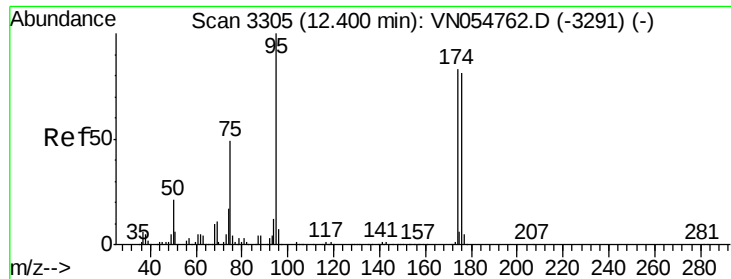
Tot Ion: 76 Resp: 11651  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.7 38.5#



#59  
 2-Hexanone  
 Concen: 55.056 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.01 min  
 Lab File: VN054860.D  
 Acq: 31 Mar 2019 19:31

Tgt Ion: 43 Resp: 187082  
 Ion Ratio Lower Upper  
 43 100  
 58 16.8 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 46.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

ClientSampled :

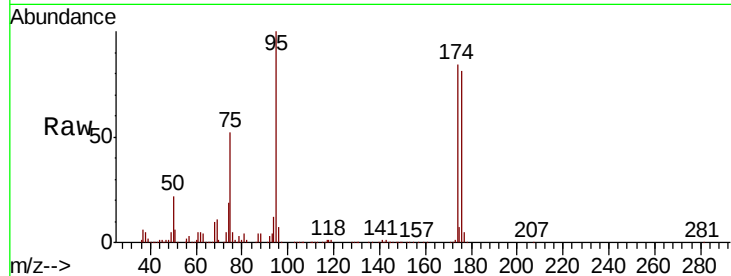
Tot Ion: 95 Resp: 325809

Ion Ratio Lower Upper

95 100

174 84.3 0.0 191.0

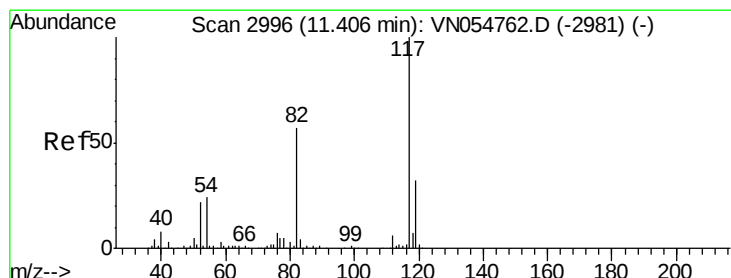
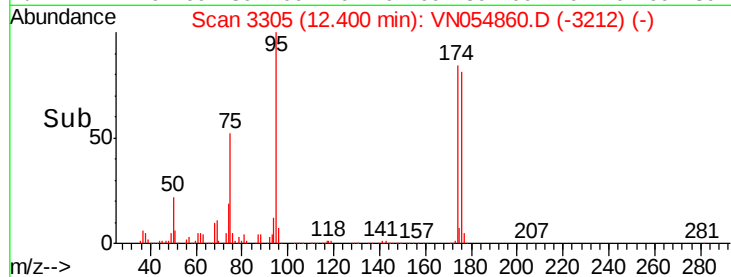
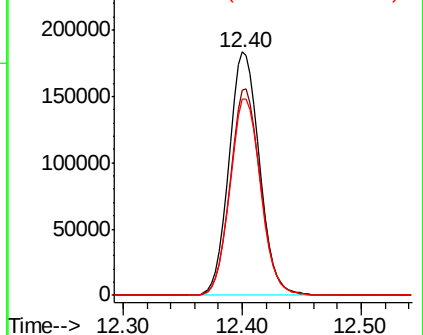
176 81.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054860.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054860.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054860.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

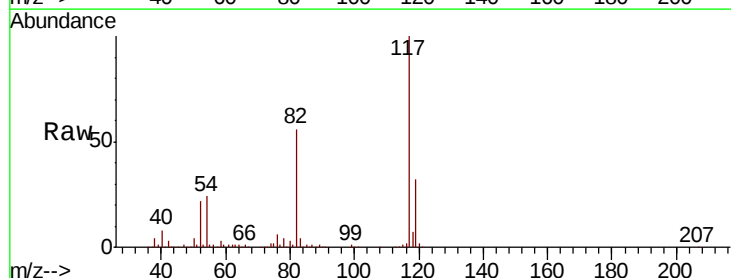
Tgt Ion: 117 Resp: 738783

Ion Ratio Lower Upper

117 100

82 56.1 40.0 60.0

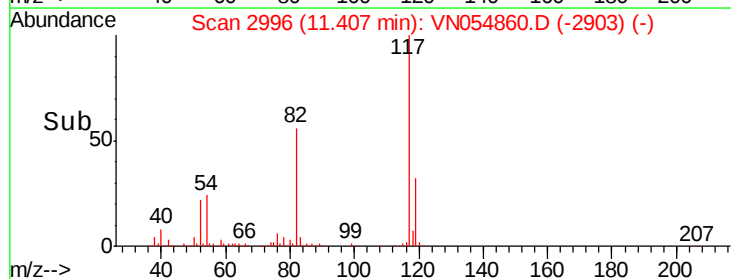
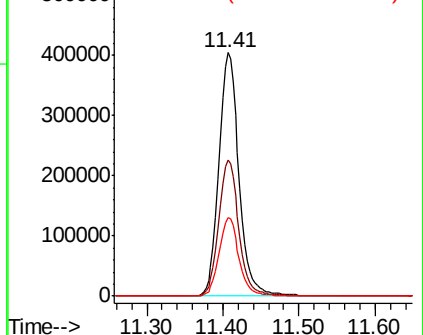
119 32.4 25.8 38.6

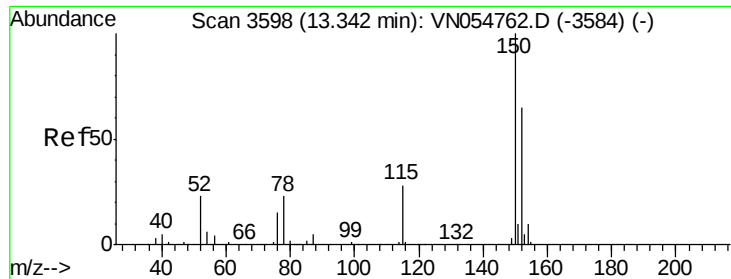


Abundance Ion 116.90 (116.60 to 117.60): VN054860.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054860.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054860.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

ClientSampleId :

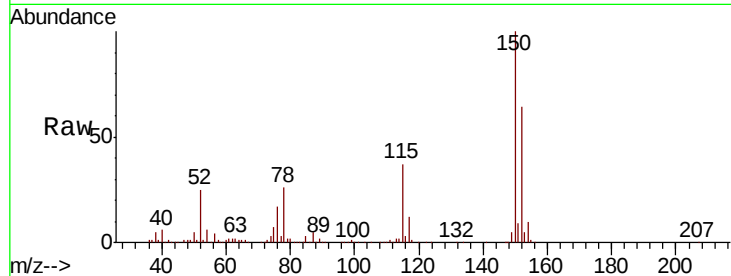
Tot Ion:152 Resp: 276730

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.6

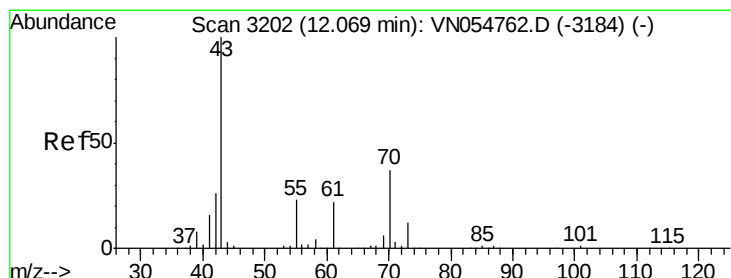
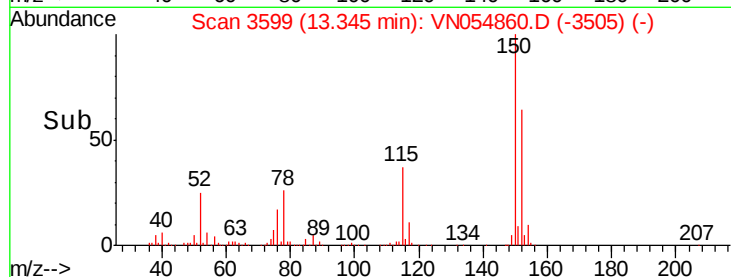
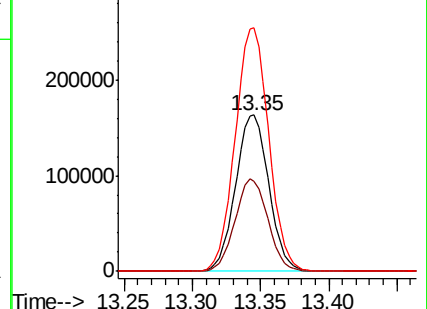
150 157.1 0.0 349.2



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



#74

N-ethyl acetate

Concen: 2.077 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Tgt Ion: 43 Resp: 14637

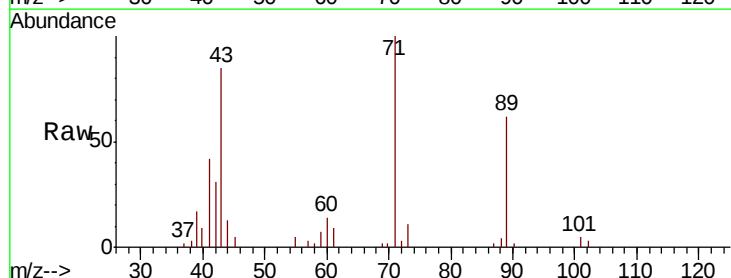
Ion Ratio Lower Upper

43 100

70 1.5 35.4 53.0#

55 5.0 19.8 29.6#

61 9.0 19.8 29.6#

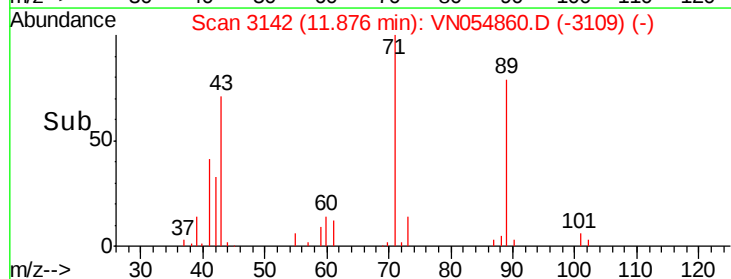
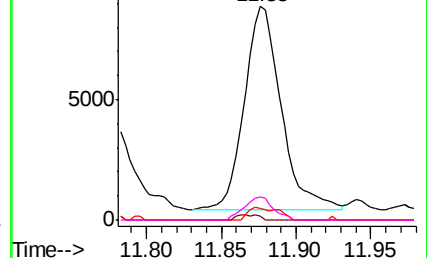


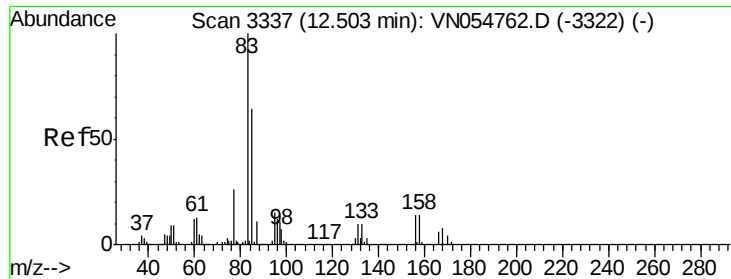
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

ClientSampled :

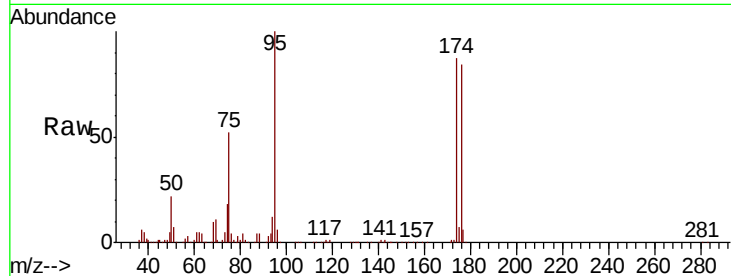
Tot Ion: 83 Resp: 186

Ion Ratio Lower Upper

83 100

131 163.4 5.8 17.4#

85 0.0 32.2 96.6#

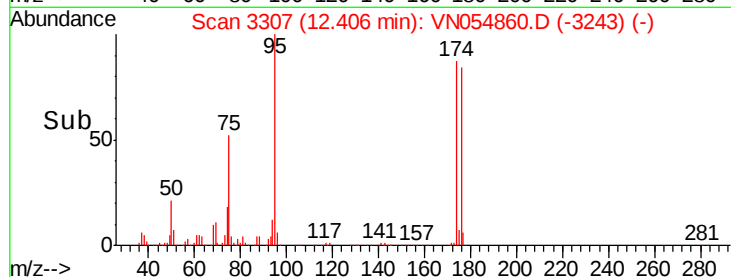


Abundance Ion 82.90 (82.60 to 83.60): VN054860.D (-3307) (-)

Ion 130.80 (130.50 to 131.50): VN054860.D (-3307) (-)

Ion 84.90 (84.60 to 85.60): VN054860.D (-3307) (-)

Time-->

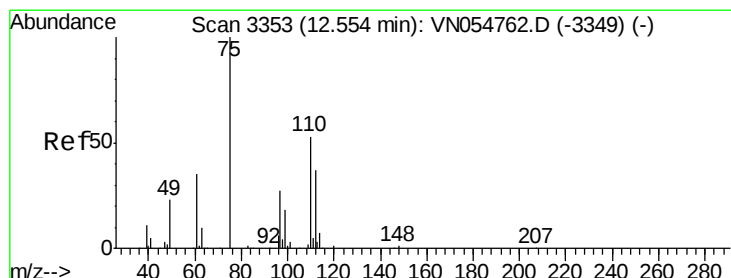


Abundance Ion 82.90 (82.60 to 83.60): VN054860.D (-3307) (-)

Ion 130.80 (130.50 to 131.50): VN054860.D (-3307) (-)

Ion 84.90 (84.60 to 85.60): VN054860.D (-3307) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.207 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054860.D

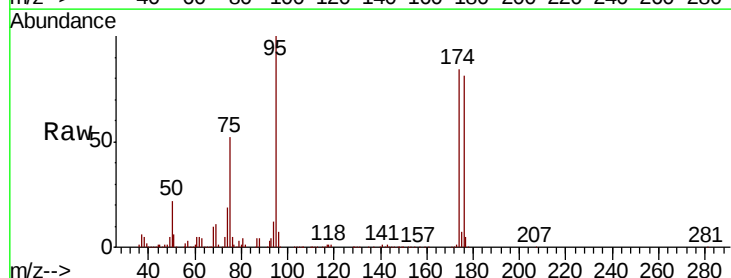
Acq: 31 Mar 2019 19:31

Tgt Ion: 75 Resp: 169254

Ion Ratio Lower Upper

75 100

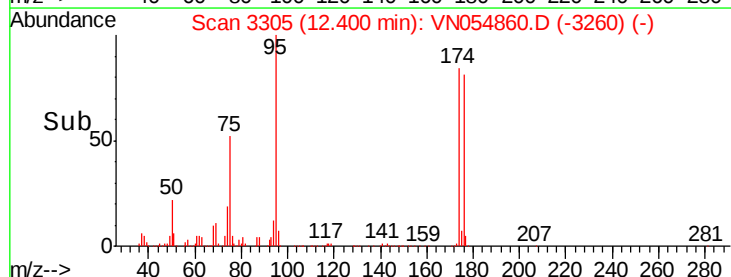
77 0.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054860.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN054860.D (-3305) (-)

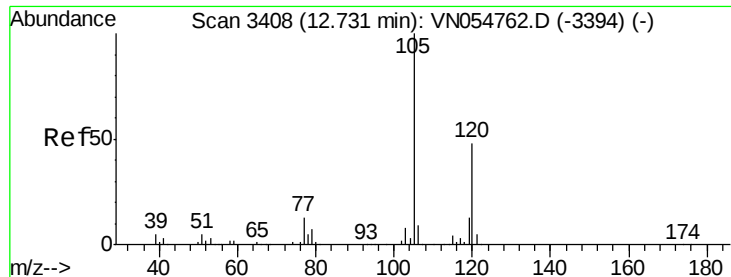
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN054860.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN054860.D (-3305) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.330 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA\_N

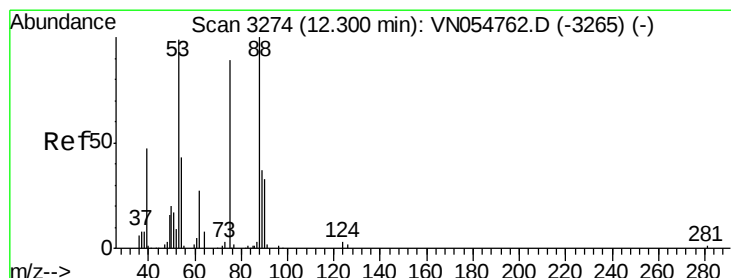
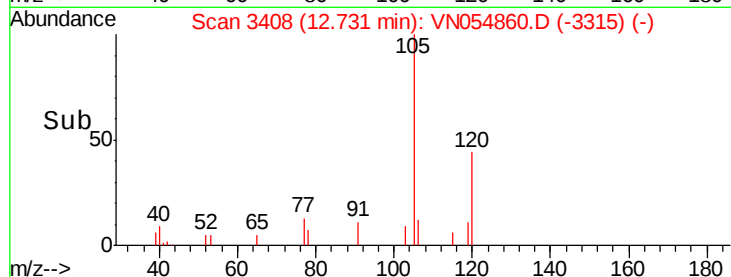
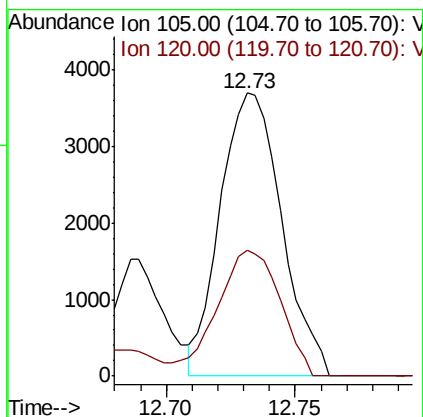
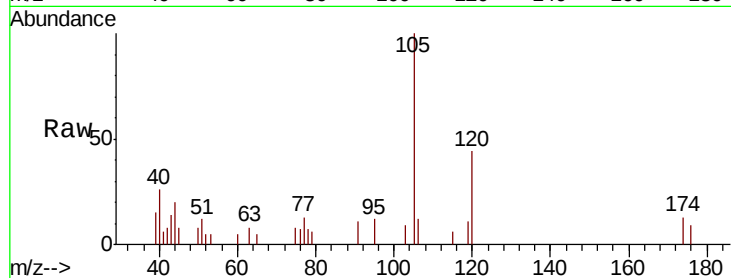
ClientSampled :

Tot Ion:105 Resp: 6123

Ion Ratio Lower Upper

105 100

120 45.5 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 136.945 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

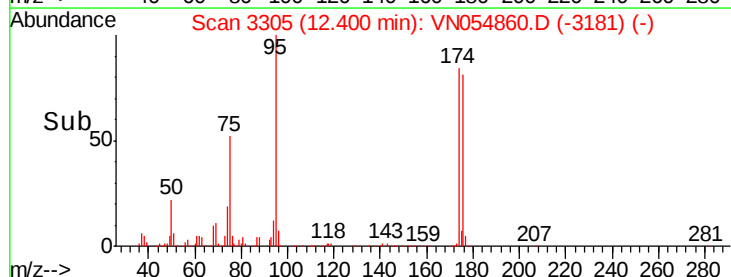
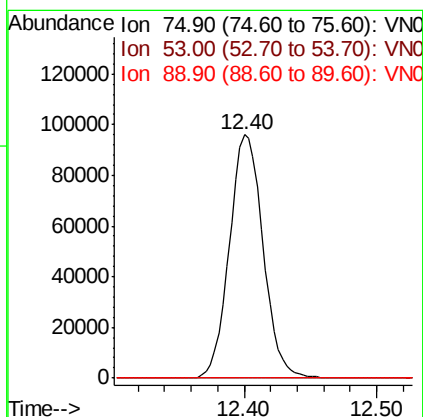
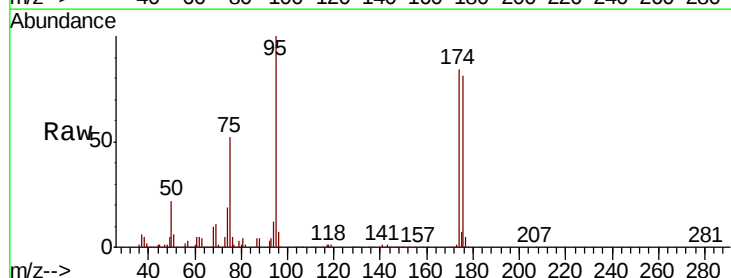
Tgt Ion: 75 Resp: 169254

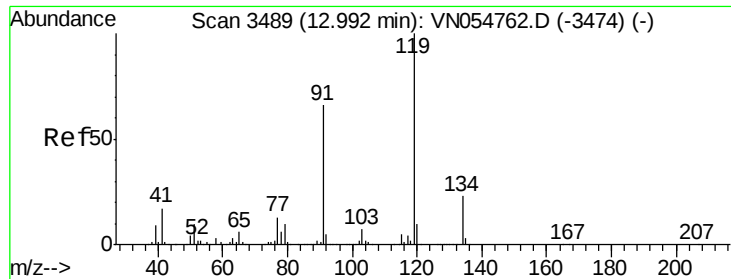
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

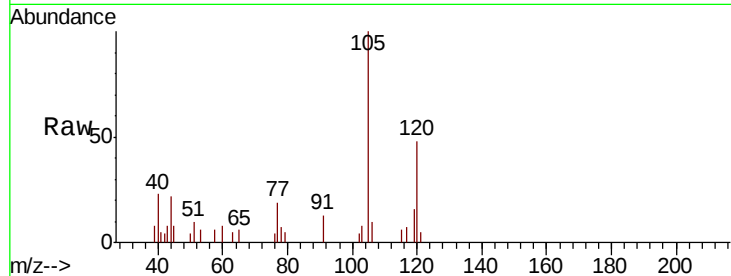




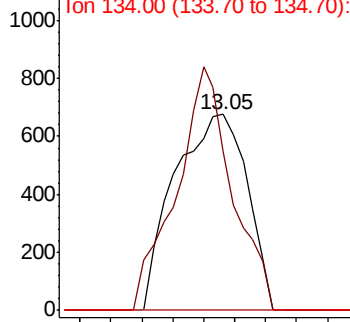
#83  
tert-Butylbenzene  
Concen: Below Cal  
RT: 13.05 min Scan# 3506  
Delta R.T. 0.06 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

Instrument :  
MSVOA\_N  
ClientSampled :

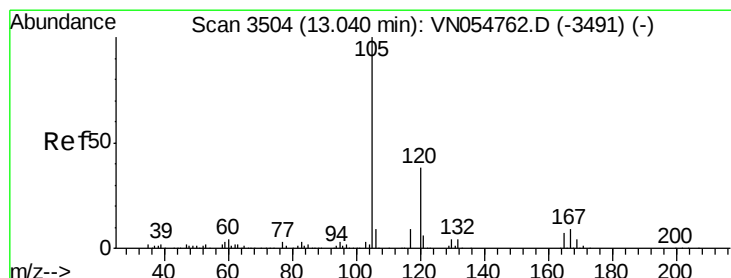
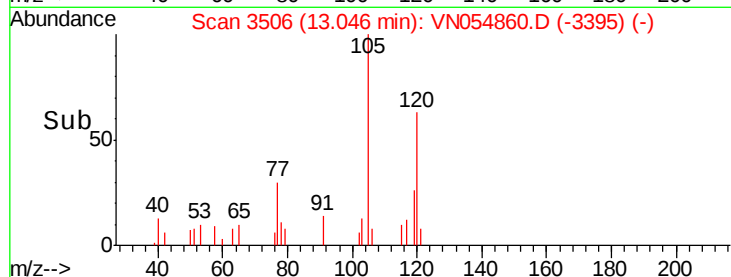
Tot Ion:119 Resp: 1106  
Ion Ratio Lower Upper  
119 100  
91 94.9 30.9 92.8#  
134 0.0 13.2 39.6#



Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

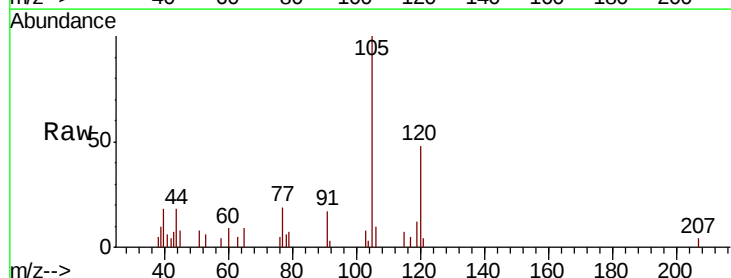


Time-->

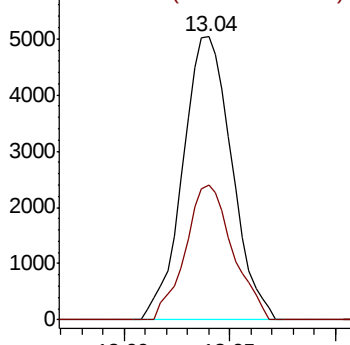


#84  
1,2,4-Trimethylbenzene  
Concen: 0.459 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

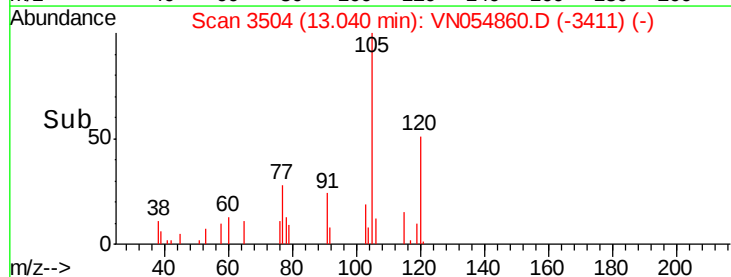
Tgt Ion:105 Resp: 8124  
Ion Ratio Lower Upper  
105 100  
120 45.9 23.4 70.3

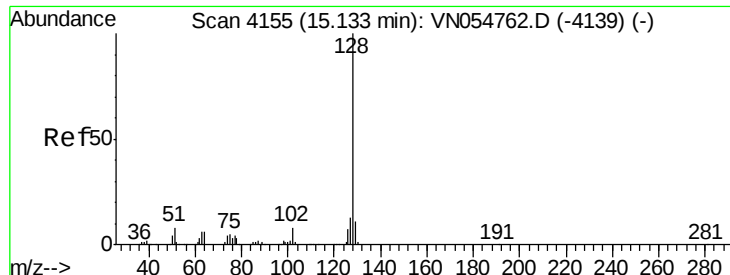


Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V



Time-->

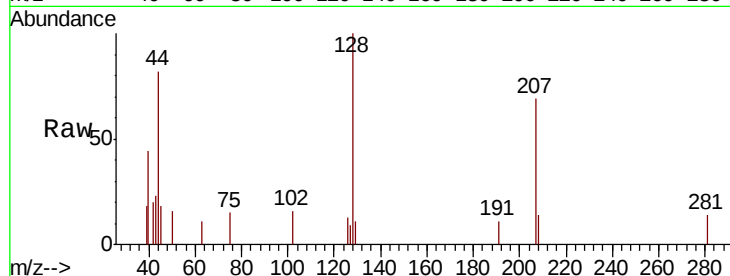




#95  
Naphthalene  
Concen: 0.276 ug/l  
RT: 15.14 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN054860.D  
Acq: 31 Mar 2019 19:31

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:128 Resp: 2748  
Ion Ratio Lower Upper  
128 100  
127 1.1 10.1 15.1#  
129 0.0 8.7 13.1#



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

