

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\  
 Data File : VN052773.D  
 Acq On : 11 Dec 2018 1:24  
 Operator : MD\SY  
 Sample : J6309-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 37 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-20181207-CD

Quant Time: Dec 11 03:15:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 03 03:24:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1207427  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1864659  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1607125  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 623161   | 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   | 633005   | 48.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.30%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 522411   | 45.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.88%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2247058  | 50.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.44% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 697787   | 46.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.82%  |          |

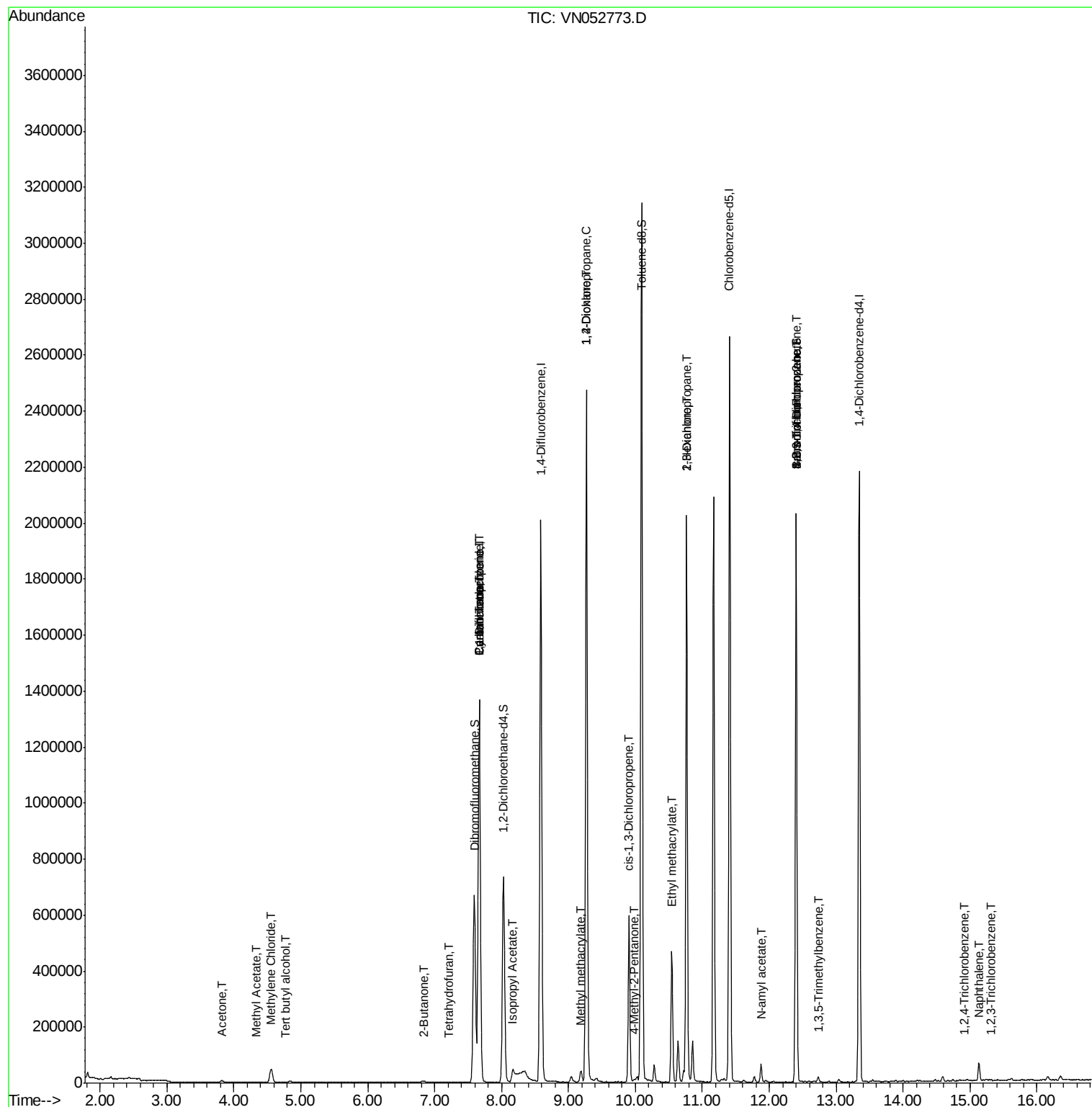
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 11) Tert butyl alcohol         | 4.77  | 59   | 523      | 0.795   | ug/l # | 73     |
| 16) Acetone                    | 3.82  | 43   | 13646    | 3.935   | ug/l   | 94     |
| 18) Methyl Acetate             | 4.33  | 43   | 4752     | 0.478   | ug/l # | 62     |
| 20) Methylene Chloride         | 4.55  | 84   | 37248    | 2.745   | ug/l   | 95     |
| 25) 2-Butanone                 | 6.85  | 43   | 3596     | 0.732   | ug/l # | 86     |
| 29) Tetrahydrofuran            | 7.21  | 42   | 1320     | 0.416   | ug/l # | 41     |
| 31) Cyclohexane                | 7.67  | 56   | 20947    | 0.564   | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 82294    | 4.674   | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 105416   | 6.613   | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 61892    | 3.403   | ug/l # | 74     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 3301     | 0.237   | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.18  | 41   | 15440    | 1.628   | ug/l # | 13     |
| 49) 1,4-Dioxane                | 9.27  | 88   | 233      | 2.368   | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 6466     | 0.634   | ug/l   | 95     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 110569   | 5.712   | ug/l # | 62     |
| 56) Ethyl methacrylate         | 10.54 | 69   | 1545     | 2.789   | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 20032    | 1.034   | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 289571   | 42.284  | ug/l # | 52     |
| 71) Bromoform                  | 12.40 | 173  | 4057     | 0.532   | ug/l # | 1      |
| 74) N-amyl acetate             | 11.88 | 43   | 19987    | 1.618   | ug/l # | 52     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 332631   | 34.615  | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 8289     | 0.213   | ug/l   | 94     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 332631   | 115.597 | ug/l # | 11     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 689      | 2.888   | ug/l # | 79     |
| 95) Naphthalene                | 15.13 | 128  | 55698    | 5.640   | ug/l   | 99     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 564      | 2.779   | ug/l   | 76     |

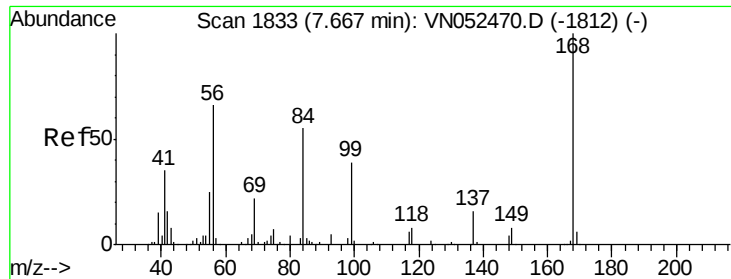
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Dec 03 03:24:02 2018  
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: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

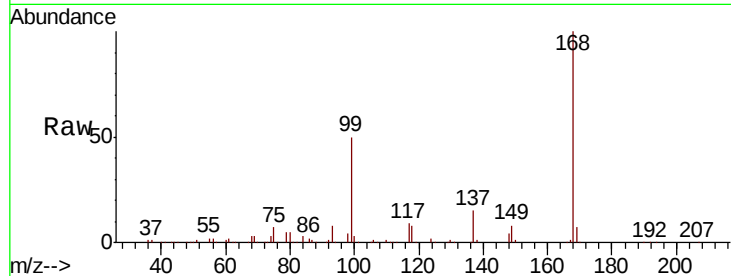
WC-20181207-CD

Tot Ion:168 Resp: 1207427

Ion Ratio Lower Upper

168 100

99 50.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

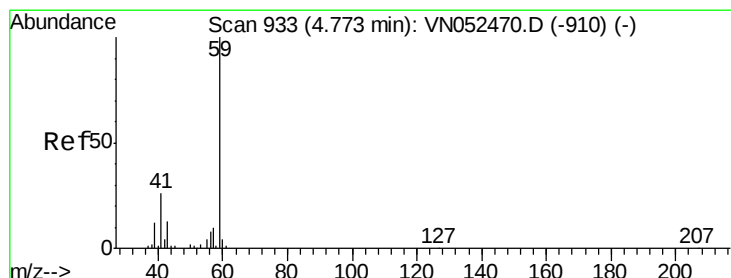
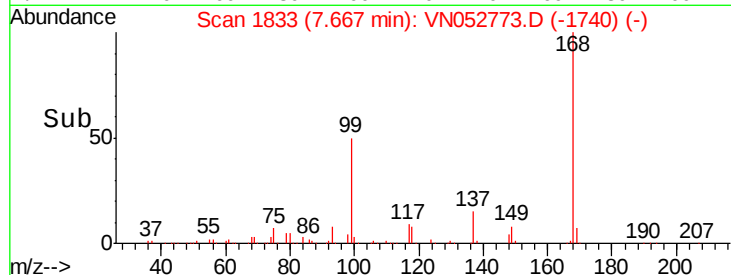
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.795 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN052773.D

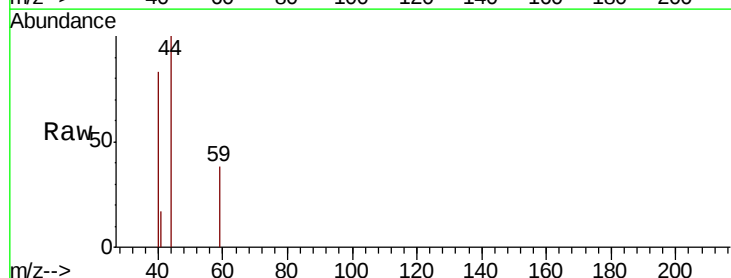
Acq: 11 Dec 2018 1:24

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.77

500

400

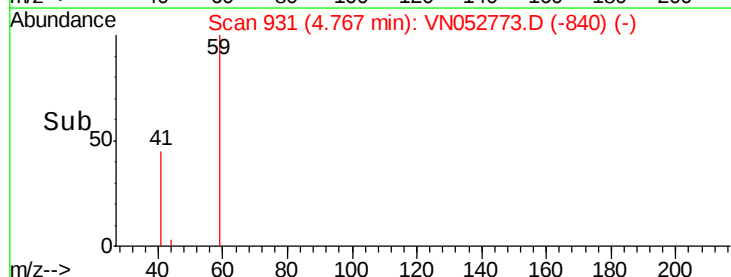
300

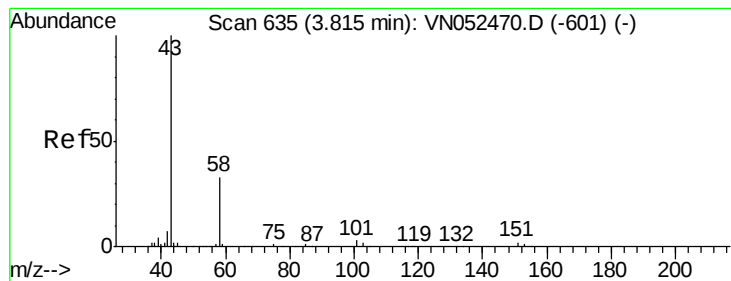
200

100

0

Time-->





#16

Acetone

Concen: 3.935 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

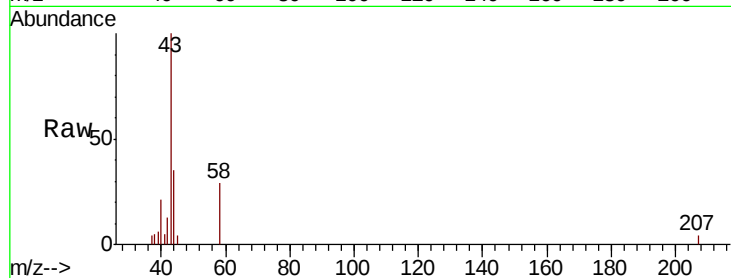
WC-20181207-CD

Tot Ion: 43 Resp: 13646

Ion Ratio Lower Upper

43 100

58 29.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

4000

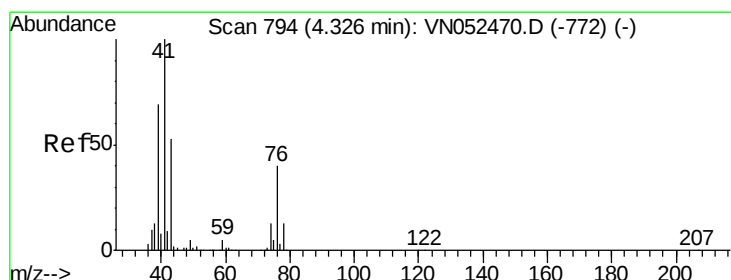
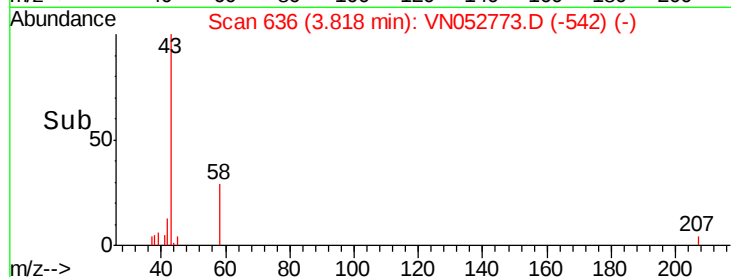
3000

2000

1000

0

Time--> 3.70 3.80 3.90



#18

Methyl Acetate

Concen: 0.478 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052773.D

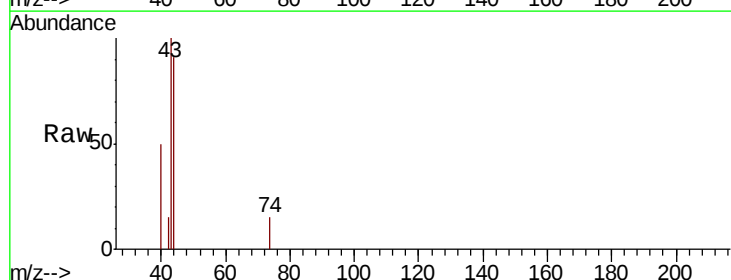
Acq: 11 Dec 2018 1:24

Tgt Ion: 43 Resp: 4752

Ion Ratio Lower Upper

43 100

74 4.9 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

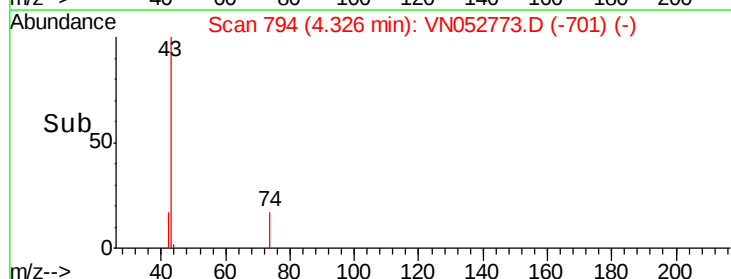
1500

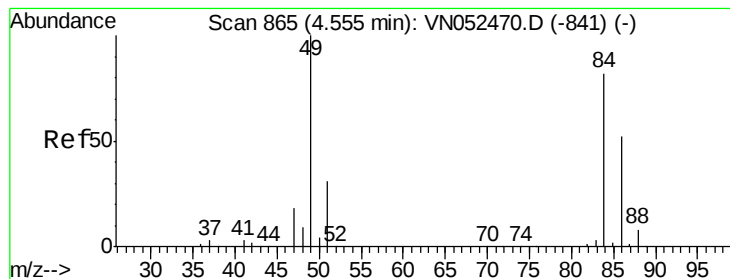
1000

500

0

Time--> 4.25 4.30 4.35 4.40





#20

Methvlene Chloride

Concen: 2.745 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

WC-20181207-CD

Tot Ion: 84 Resp: 37248

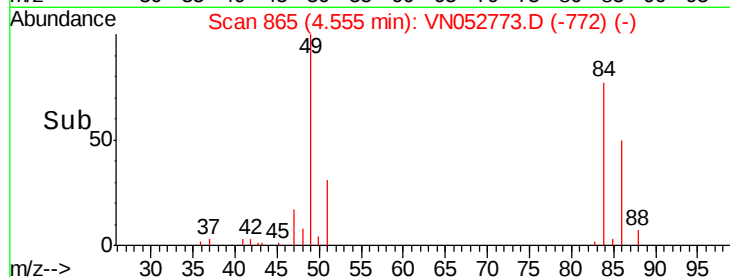
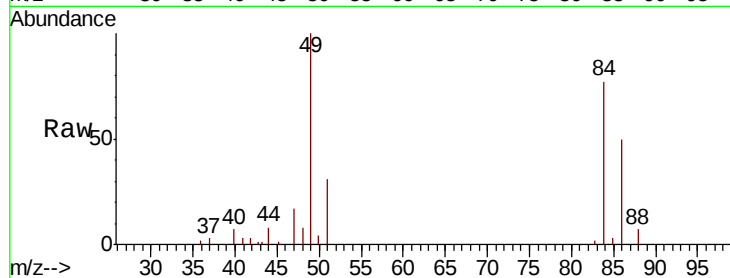
Ion Ratio Lower Upper

84 100

49 129.2 98.0 147.0

51 40.1 30.1 45.1

86 65.0 50.7 76.1

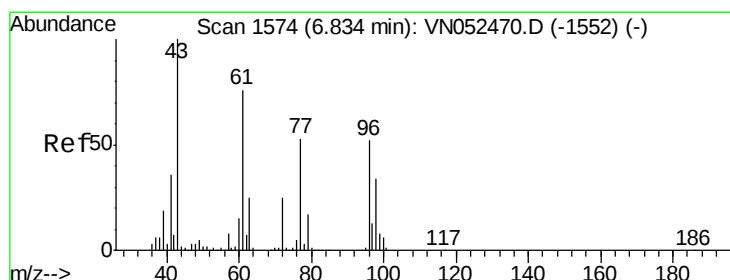
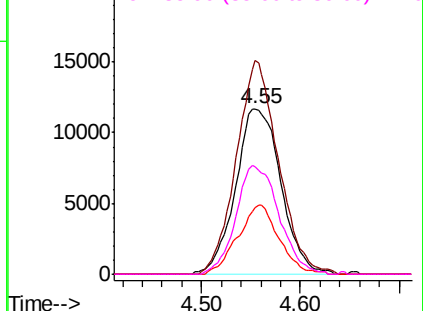


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.732 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.02 min

Lab File: VN052773.D

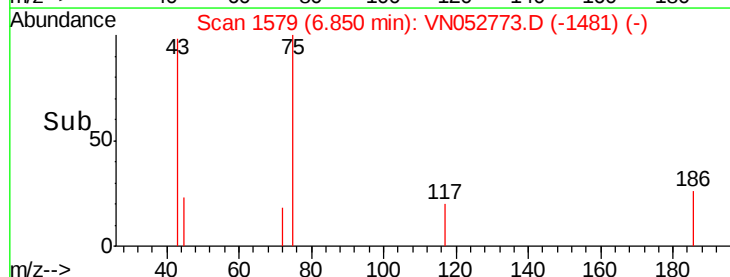
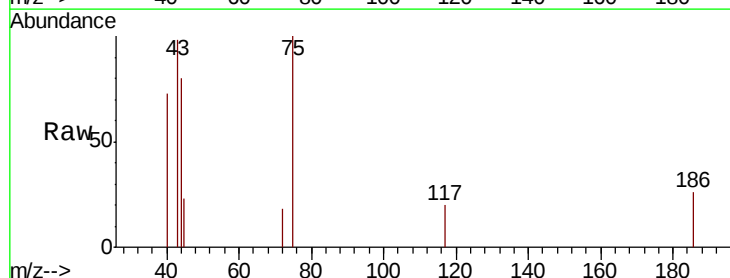
Acq: 11 Dec 2018 1:24

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

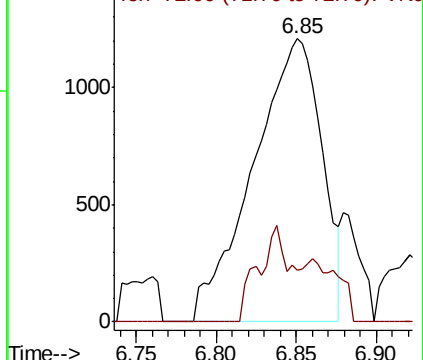
43 100

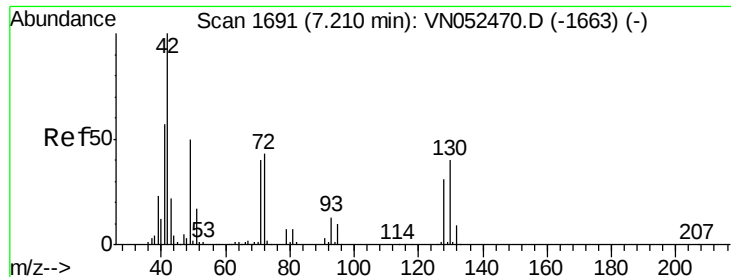
72 18.2 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.416 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

WC-20181207-CD

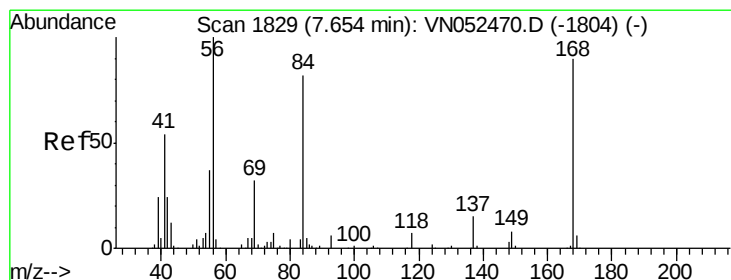
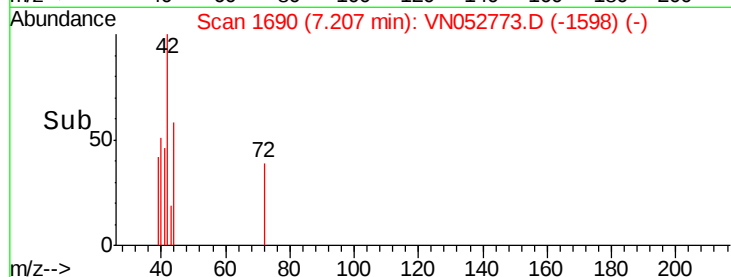
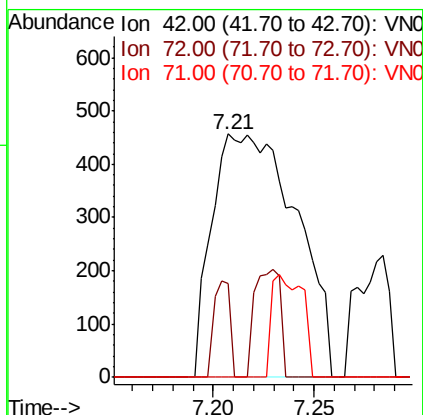
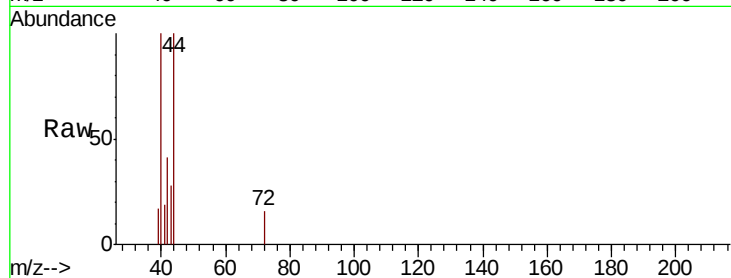
Tot Ion: 42 Resp: 1320

Ion Ratio Lower Upper

42 100

72 7.4 33.3 49.9#

71 0.0 32.0 48.0#



#31

Cyclohexane

Concen: 0.564 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

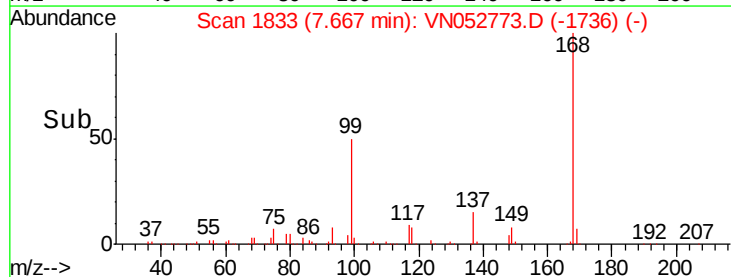
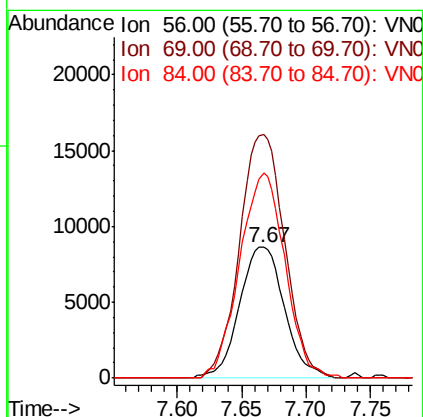
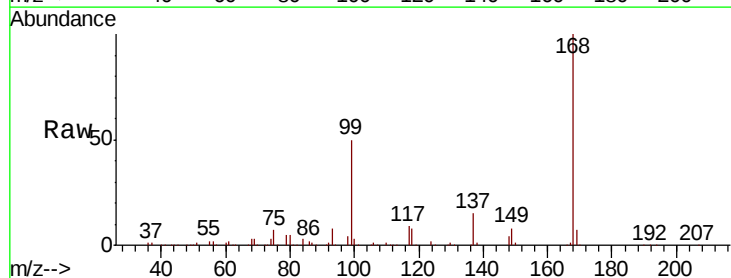
Tgt Ion: 56 Resp: 20947

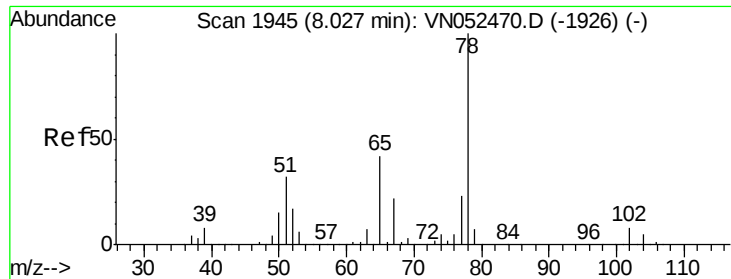
Ion Ratio Lower Upper

56 100

69 186.6 25.8 38.6#

84 157.1 65.3 97.9#

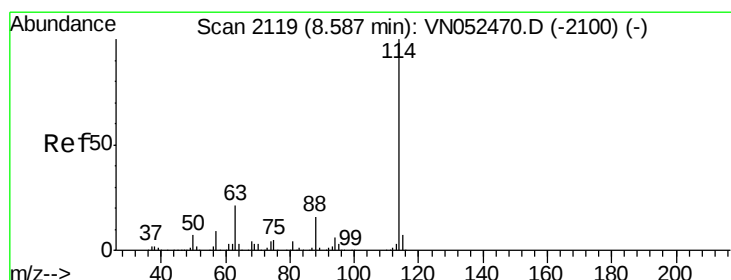
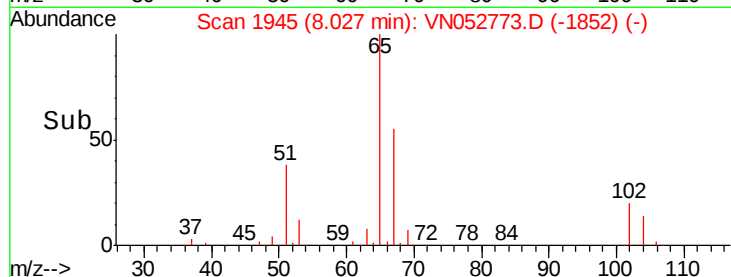
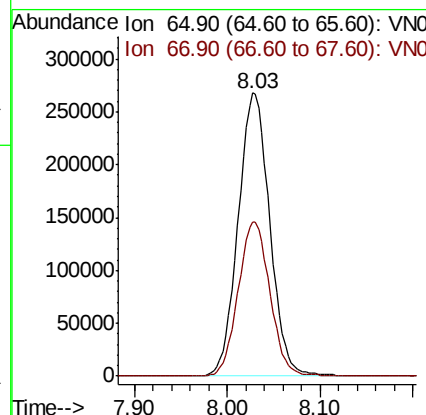
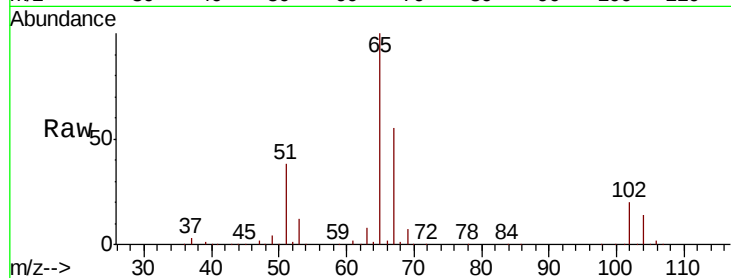




#33  
 1,2-Dichloroethane-d4  
 Concen: N.D. ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN052773.D  
 Acq: 11 Dec 2018 1:24

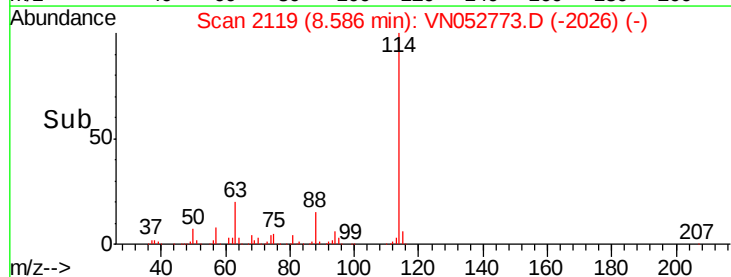
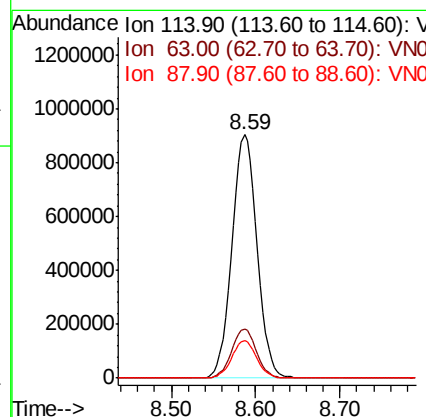
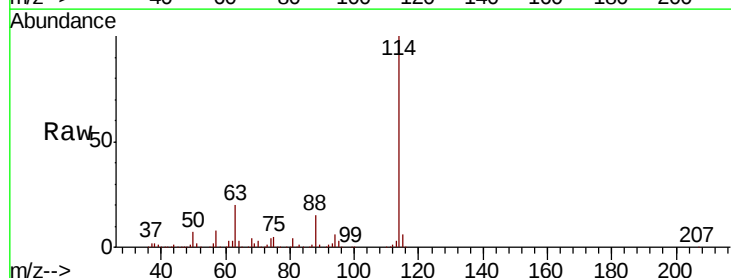
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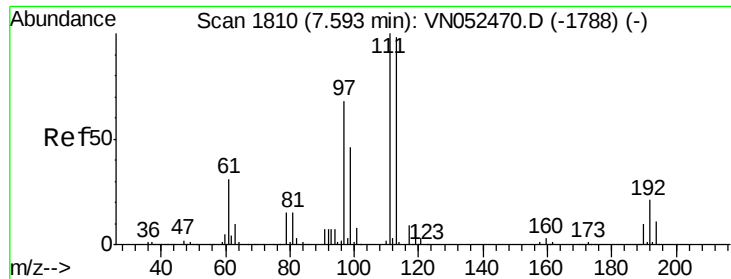
Tot Ion: 65 Resp: 633005  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 109.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN052773.D  
 Acq: 11 Dec 2018 1:24

Tgt Ion: 114 Resp: 1864659  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 41.8  
 88 15.3 0.0 31.6

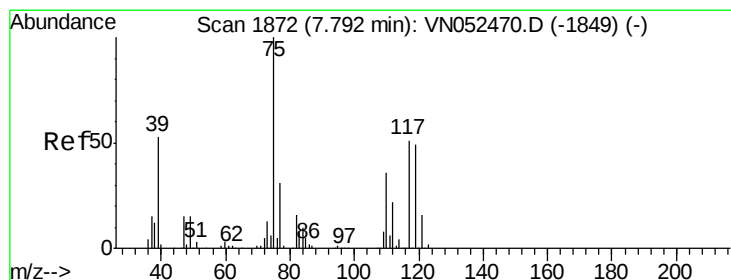
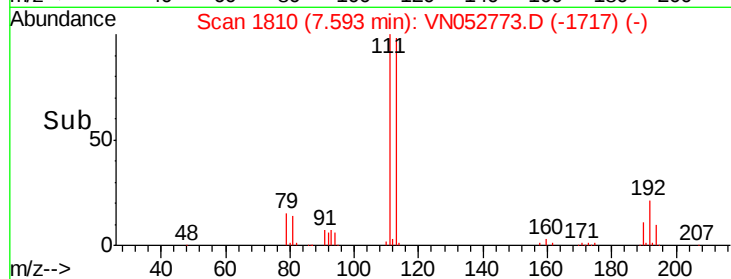
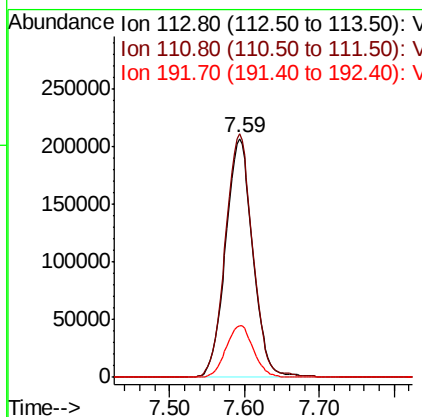
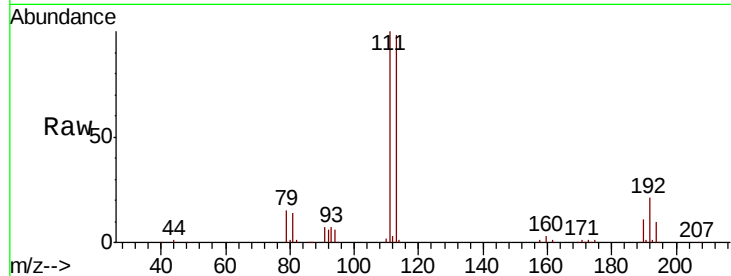




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VN052773.D  
 Acq: 11 Dec 2018 1:24

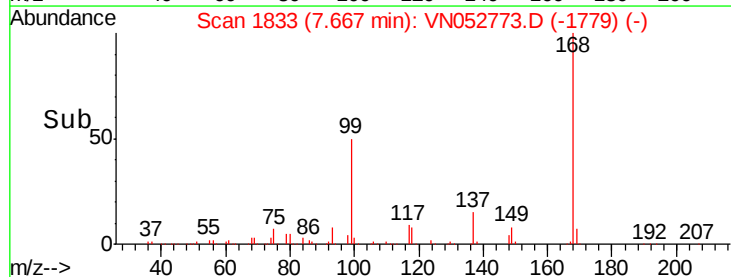
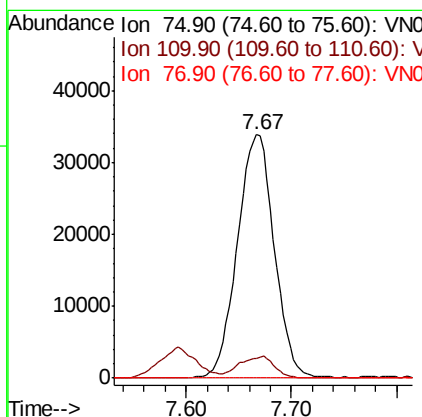
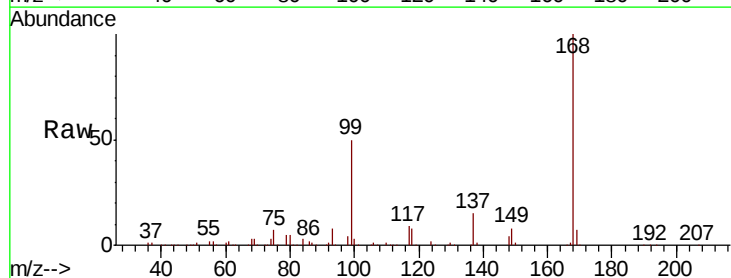
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-20181207-CD

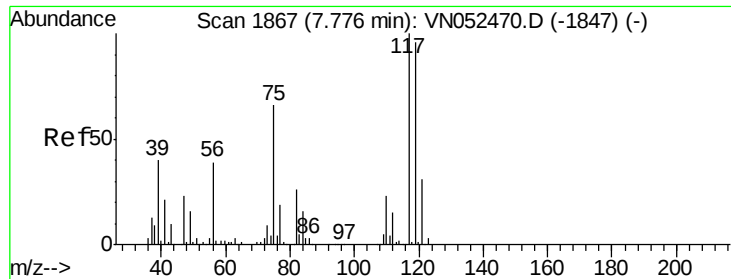
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 82.0  | 123.0 |
| 192     | 21.9  | 17.0  | 25.6  |



#36  
 1,1-Dichloropropene  
 Concen: 4.674 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.13 min  
 Lab File: VN052773.D  
 Acq: 11 Dec 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.5   | 17.5  | 52.6# |
| 77      | 0.0   | 24.5  | 36.7# |

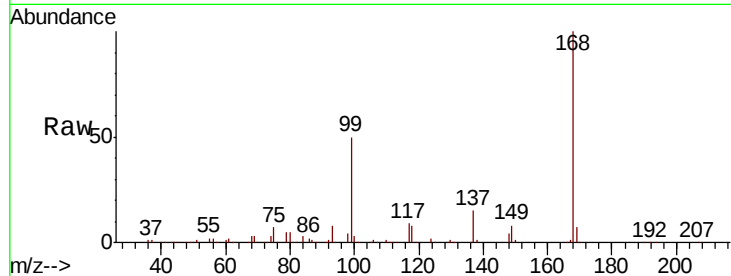




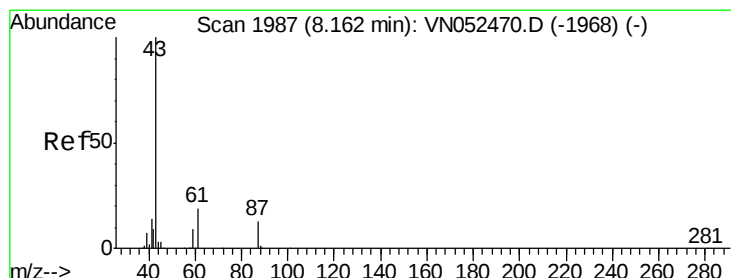
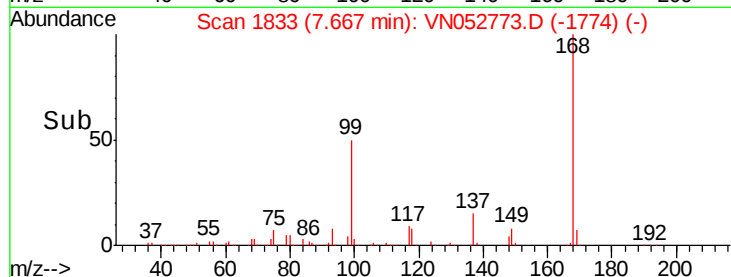
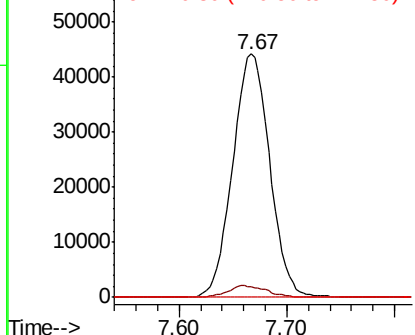
#38  
Carbon Tetrachloride  
Concen: 6.613 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. -0.11 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-20181207-CD

Tot Ion:117 Resp: 105416  
Ion Ratio Lower Upper  
117 100  
119 4.3 76.8 115.2#  
121 0.0 24.9 37.3#

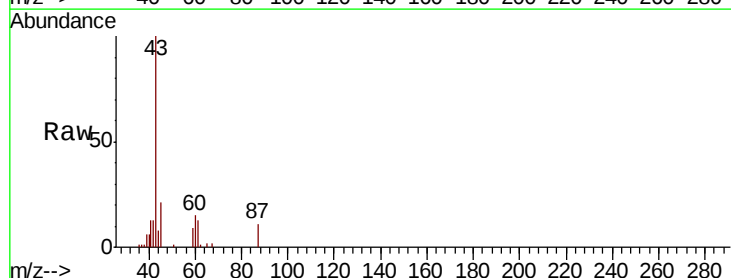


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

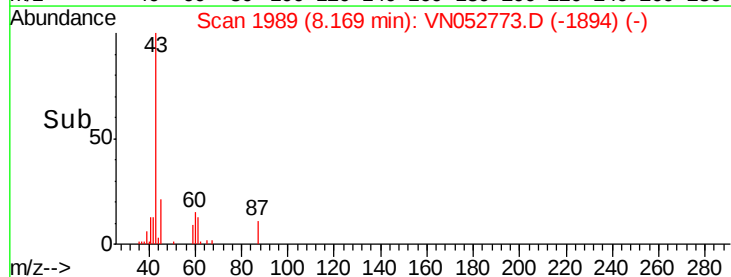
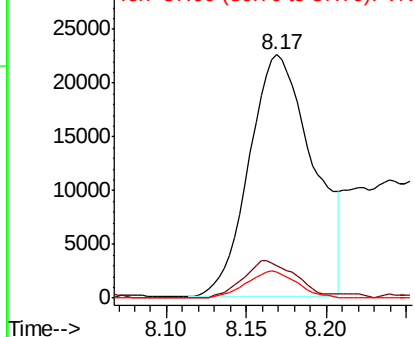


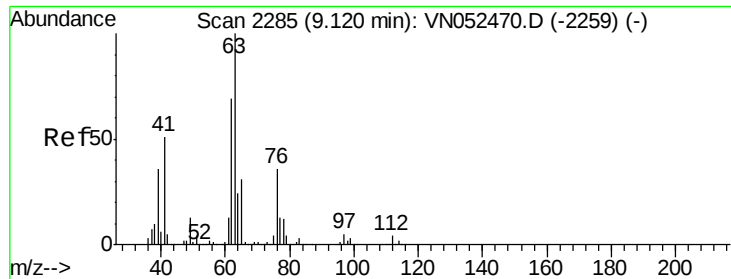
#43  
Isopropyl Acetate  
Concen: 3.403 ug/l  
RT: 8.17 min Scan# 1989  
Delta R.T. 0.01 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

Tgt Ion: 43 Resp: 61892  
Ion Ratio Lower Upper  
43 100  
61 12.7 24.1 36.1#  
87 8.9 10.6 15.8#



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

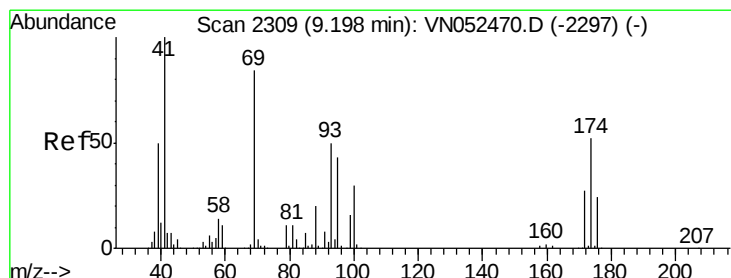
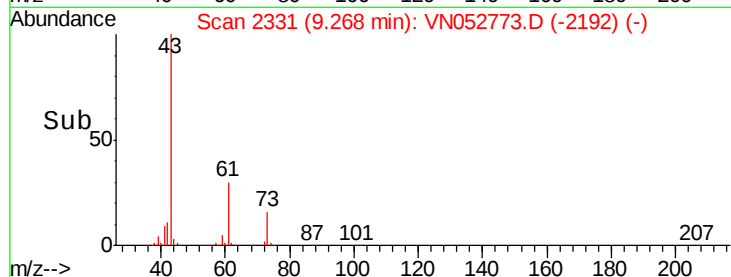
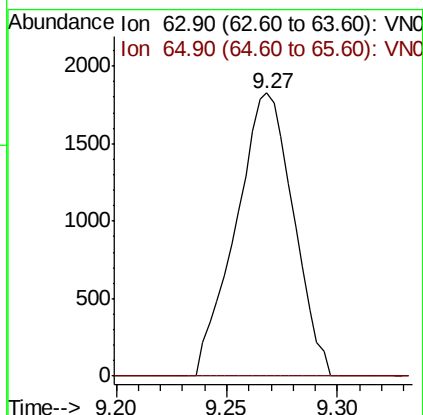
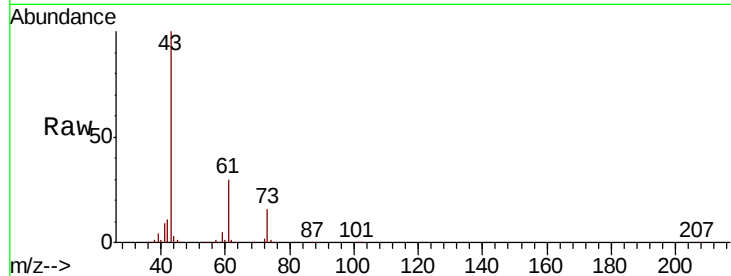




#45  
 1,2-Dichloropropane  
 Concen: 0.237 ug/l  
 RT: 9.27 min Scan# 2331  
 Delta R.T. 0.15 min  
 Lab File: VN052773.D  
 Acq: 11 Dec 2018 1:24

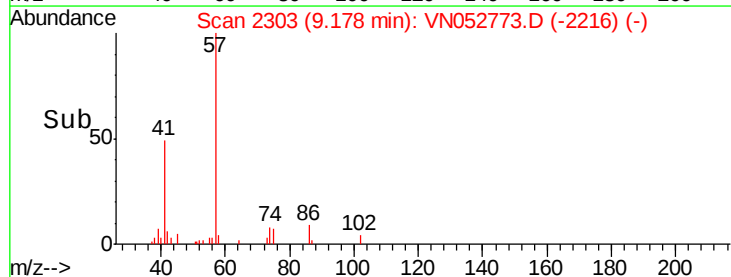
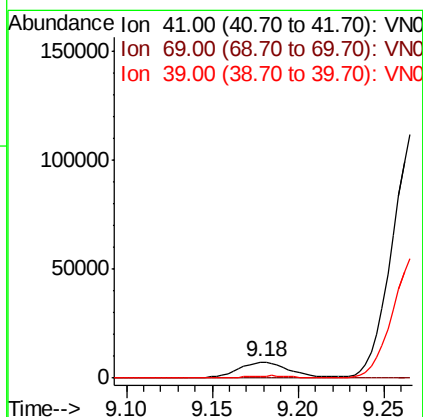
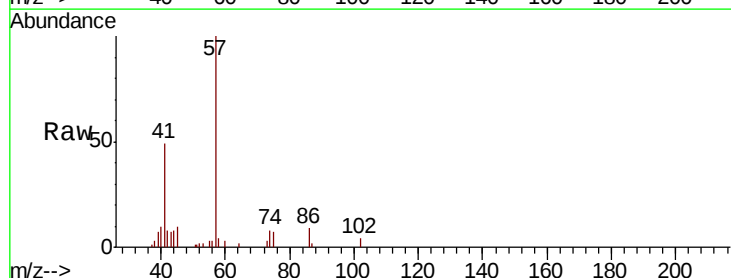
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-20181207-CD

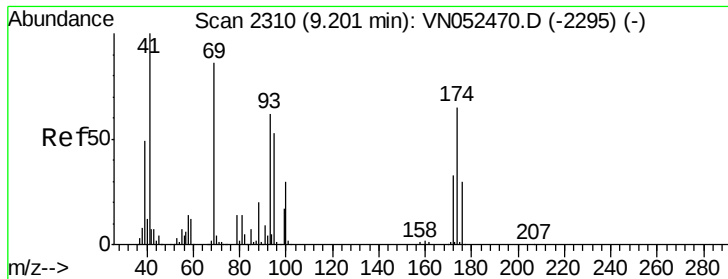
Tot Ion: 63 Resp: 3301  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 25.0 37.6#



#48  
 Methyl methacrylate  
 Concen: 1.628 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. -0.02 min  
 Lab File: VN052773.D  
 Acq: 11 Dec 2018 1:24

Tgt Ion: 41 Resp: 15440  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 70.0 105.0#  
 39 0.0 42.6 64.0#





#49

1,4-Dioxane

Concen: 2.368 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

WC-20181207-CD

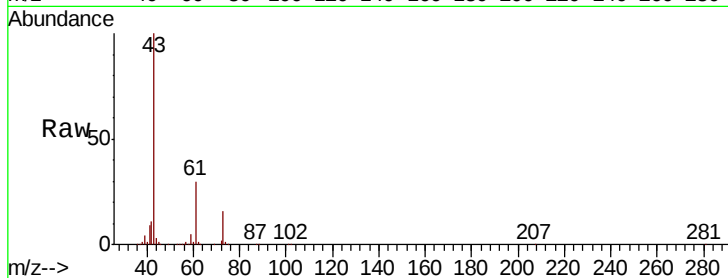
Tot Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

43 1048541.6 26.4 39.6#

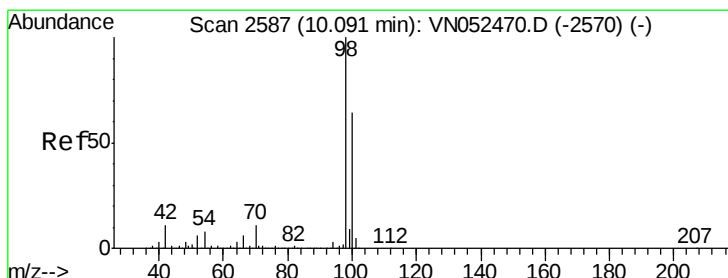
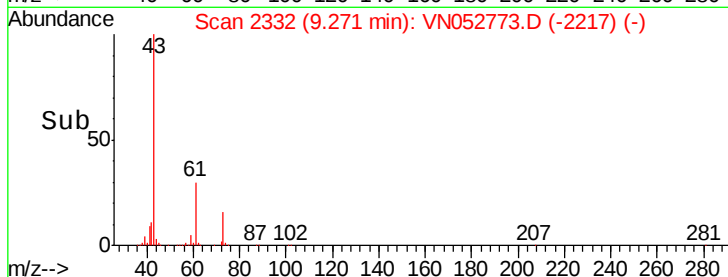
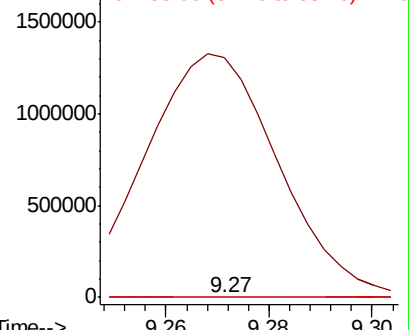
58 4421.0 55.4 83.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 2.368 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052773.D

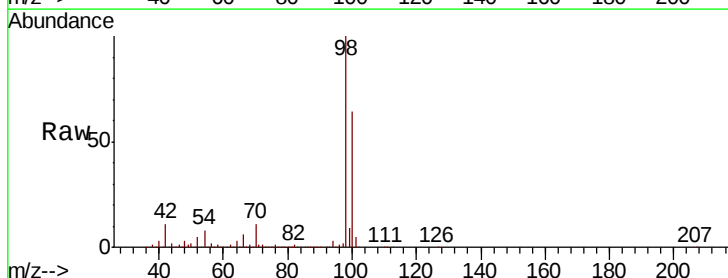
Acq: 11 Dec 2018 1:24

Tgt Ion: 98 Resp: 2247058

Ion Ratio Lower Upper

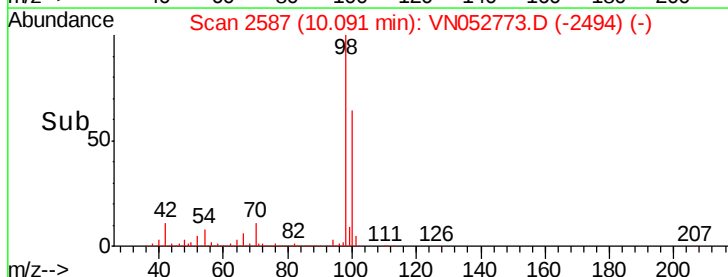
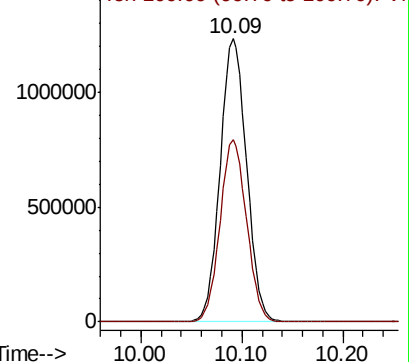
98 100

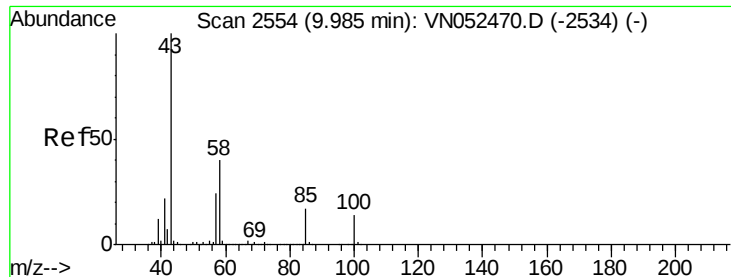
100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.634 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

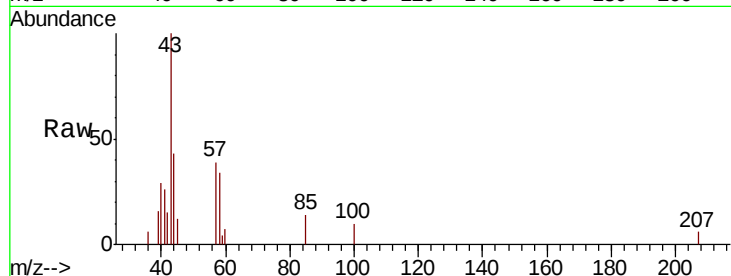
WC-20181207-CD

Tot Ion: 43 Resp: 6466

Ion Ratio Lower Upper

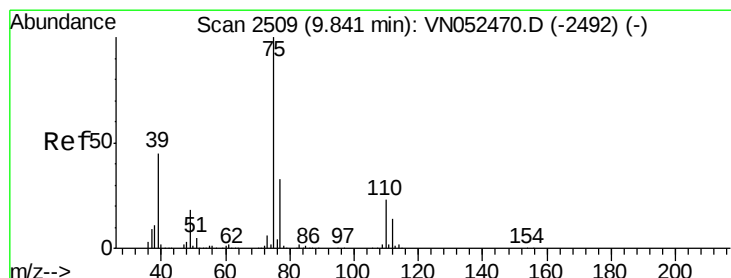
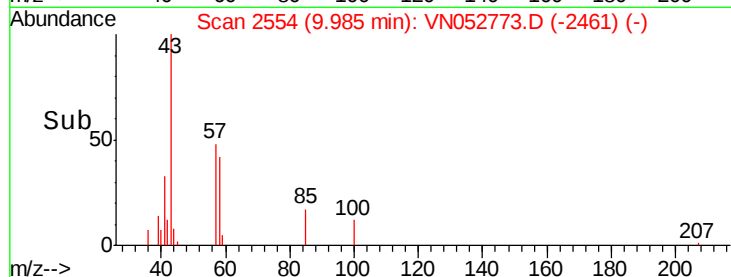
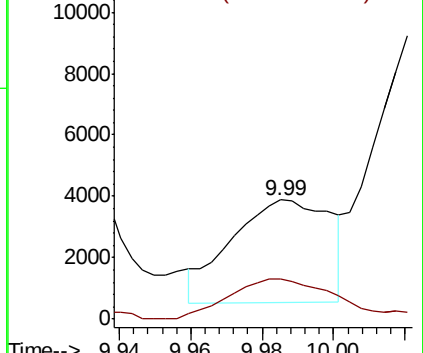
43 100

58 42.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.712 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

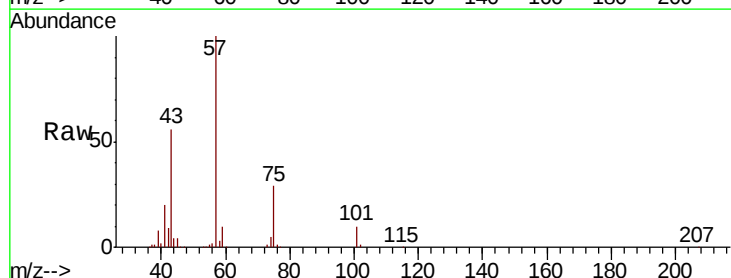
Tgt Ion: 75 Resp: 110569

Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

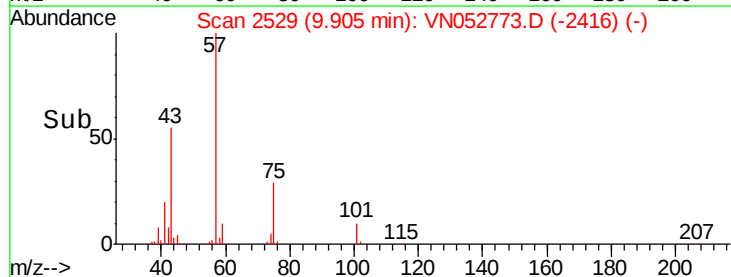
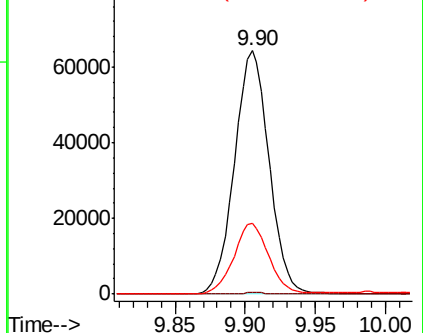
39 28.9 36.0 54.0#

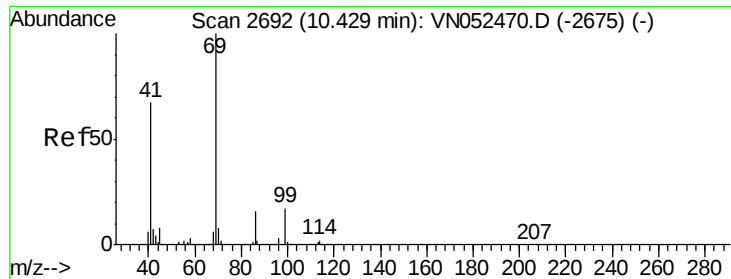


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.789 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

WC-20181207-CD

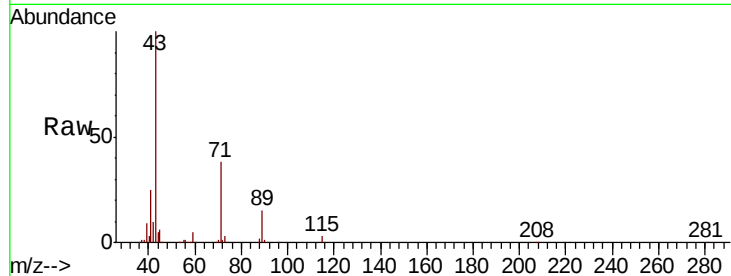
Tot Ion: 69 Resp: 1545

Ion Ratio Lower Upper

69 100

41 5463.6 52.6 79.0#

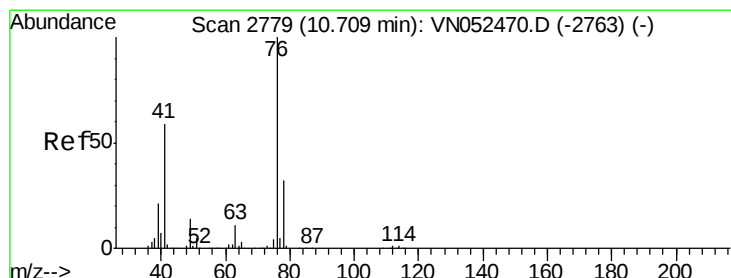
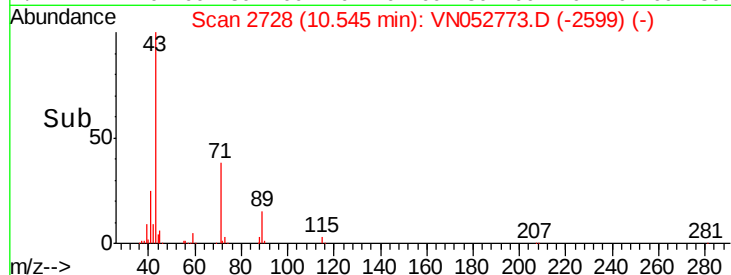
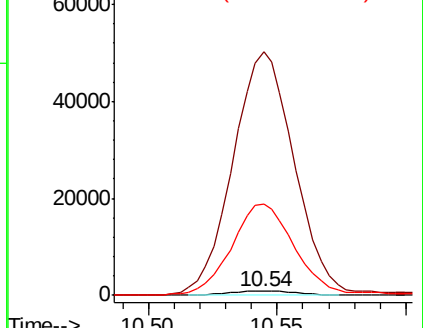
39 2100.3 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.034 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052773.D

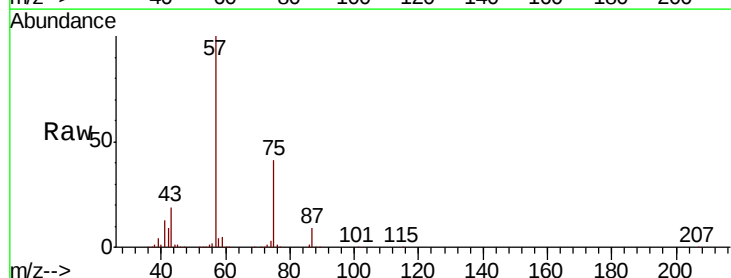
Acq: 11 Dec 2018 1:24

Tgt Ion: 76 Resp: 20032

Ion Ratio Lower Upper

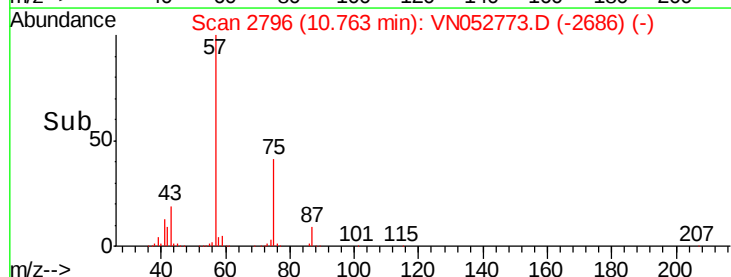
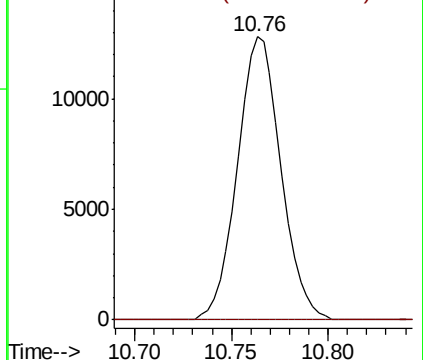
76 100

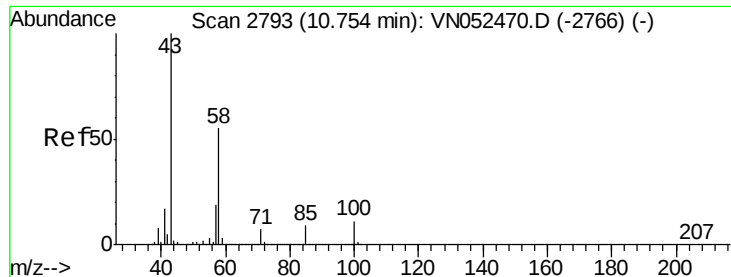
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

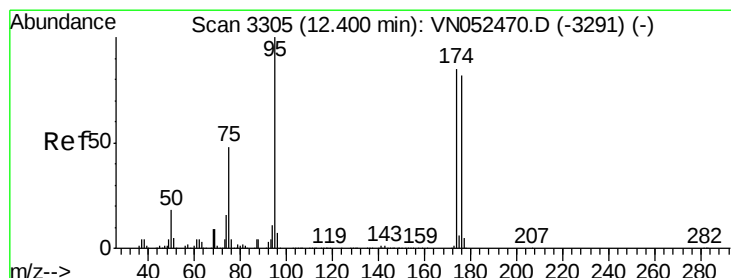
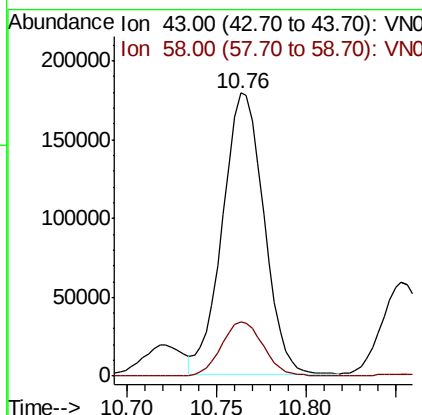
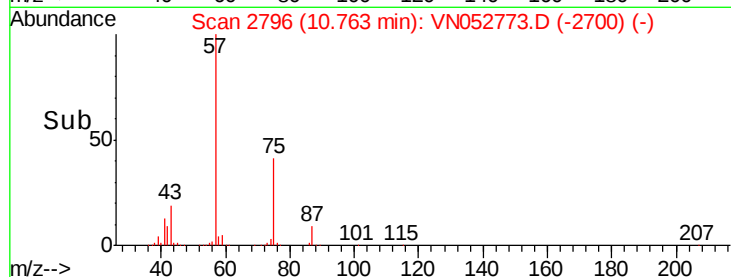
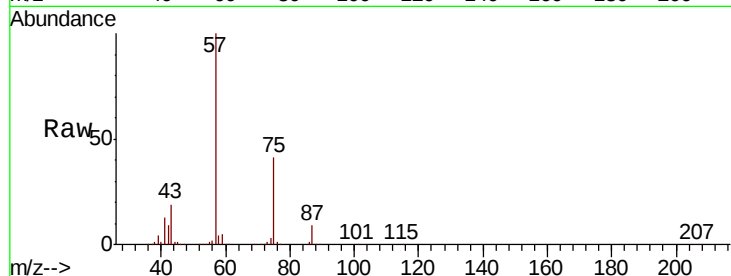




#59  
2-Hexanone  
Concen: 42.284 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

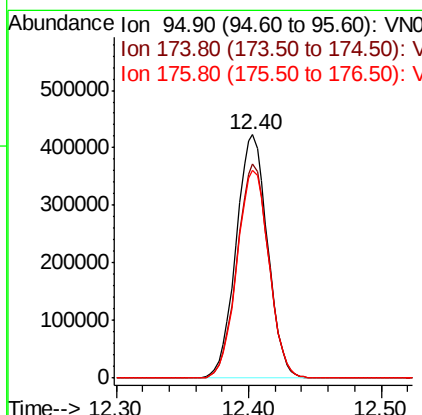
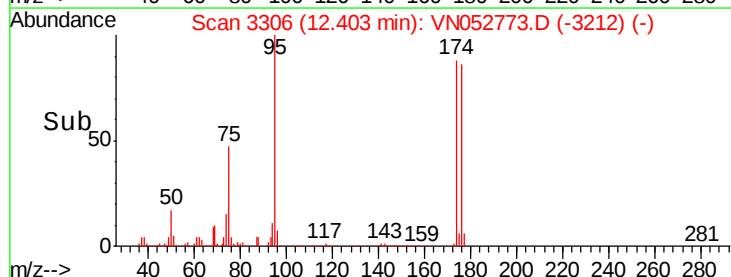
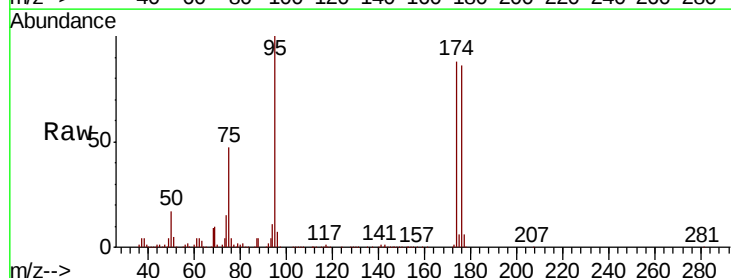
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-20181207-CD

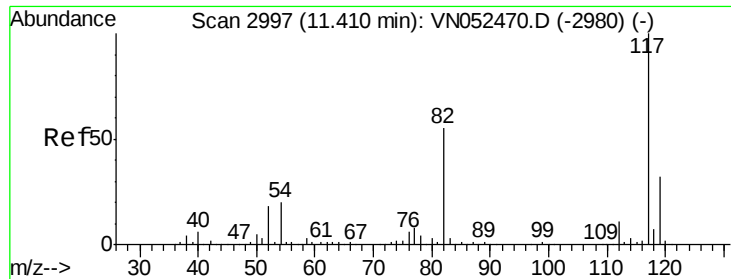
Tot Ion: 43 Resp: 289571  
Ion Ratio Lower Upper  
43 100  
58 19.8 27.4 82.0#



#62  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

Tgt Ion: 95 Resp: 697787  
Ion Ratio Lower Upper  
95 100  
174 88.4 0.0 173.0  
176 86.7 0.0 166.2

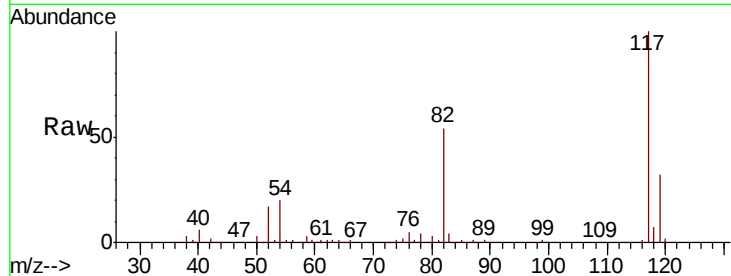




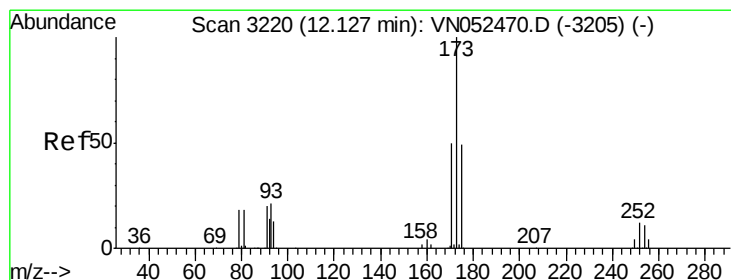
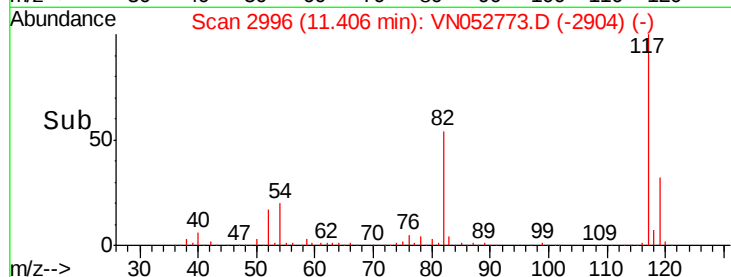
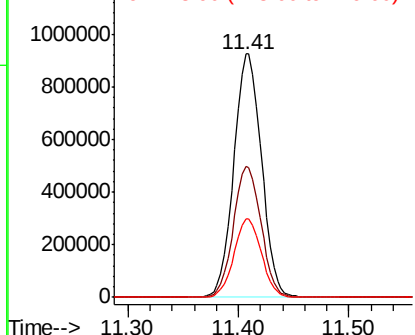
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-20181207-CD

Tot Ion:117 Resp: 1607125  
Ion Ratio Lower Upper  
117 100  
82 54.0 43.6 65.4  
119 32.3 25.4 38.2

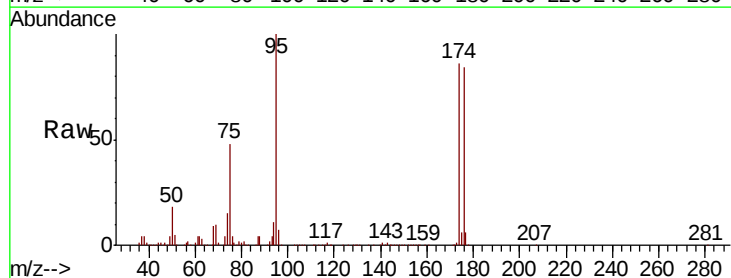


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

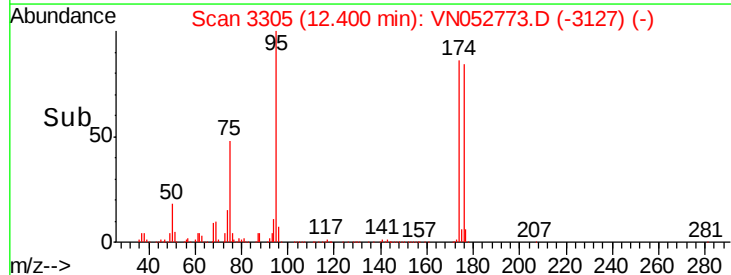
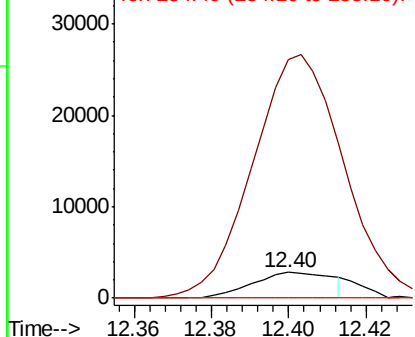


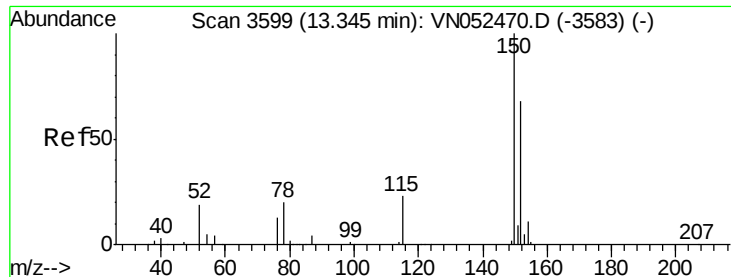
#71  
Bromoform  
Concen: 0.532 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.27 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

Tgt Ion:173 Resp: 4057  
Ion Ratio Lower Upper  
173 100  
175 922.3 24.4 73.2#  
254 0.0 0.1 0.1#



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



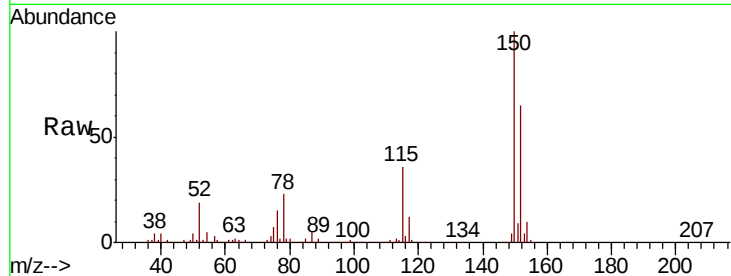


#72

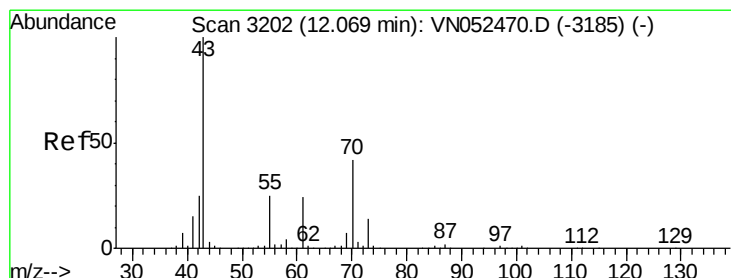
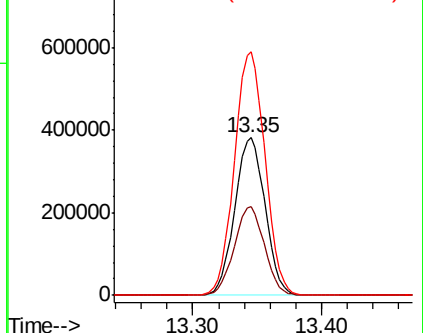
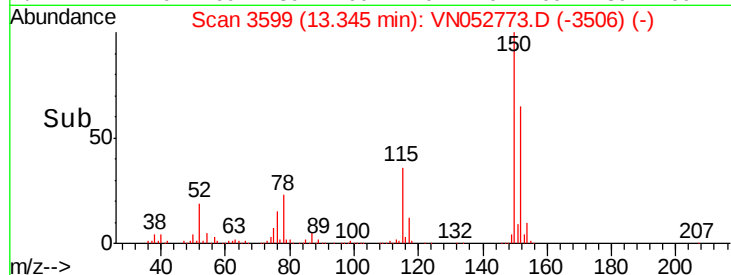
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. -0.00 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-20181207-CD

Tot Ion:152 Resp: 623161  
Ion Ratio Lower Upper  
152 100  
115 56.2 28.4 85.2  
150 156.0 0.0 346.0



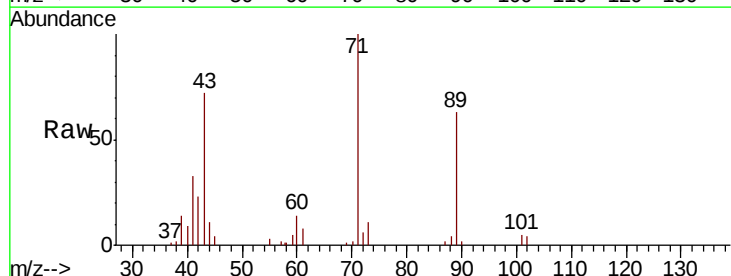
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



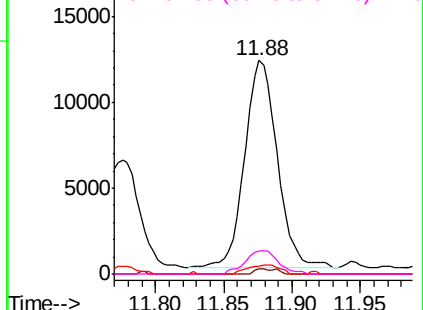
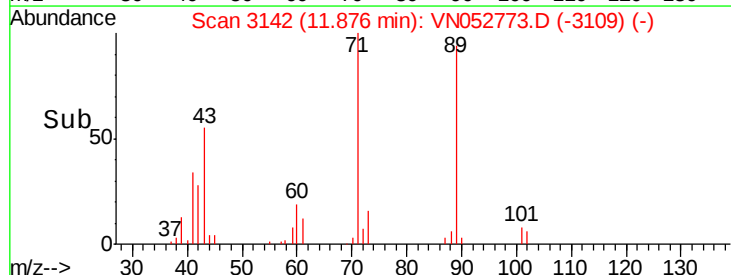
#74

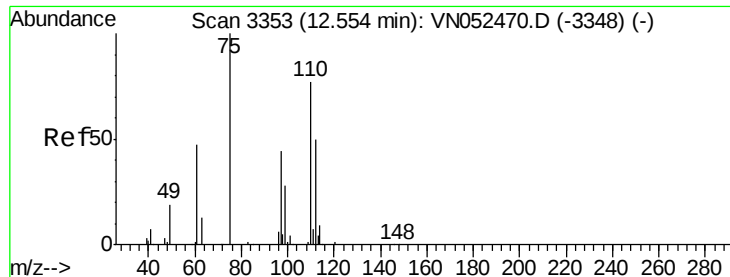
N-ethyl acetate  
Concen: 1.618 ug/l  
RT: 11.88 min Scan# 3142  
Delta R.T. -0.19 min  
Lab File: VN052773.D  
Acq: 11 Dec 2018 1:24

Tgt Ion: 43 Resp: 19987  
Ion Ratio Lower Upper  
43 100  
70 1.7 33.8 50.8#  
55 4.3 20.0 30.0#  
61 11.6 19.7 29.5#



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





#76

1,2,3-Trichloropropane

Concen: 34.615 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

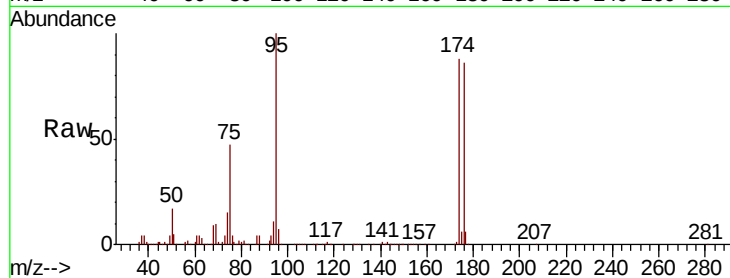
WC-20181207-CD

Tot Ion: 75 Resp: 332631

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052773.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN052773.D (-3306) (-)

12.40

200000

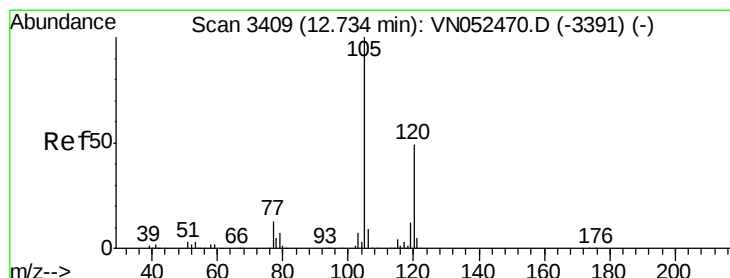
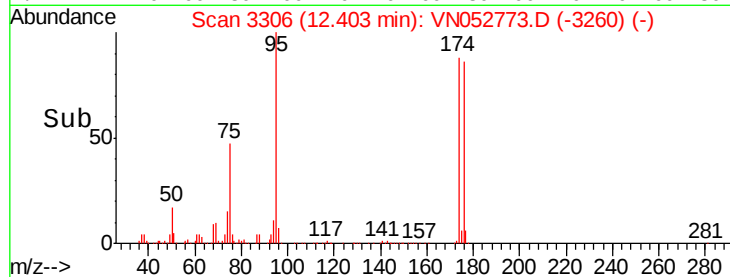
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.213 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052773.D

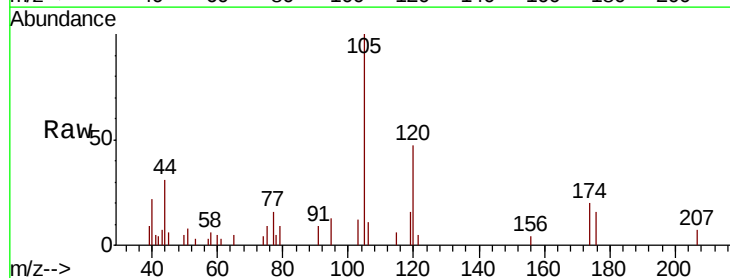
Acq: 11 Dec 2018 1:24

Tgt Ion: 105 Resp: 8289

Ion Ratio Lower Upper

105 100

120 44.8 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052773.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN052773.D (-3409) (-)

12.73

6000

5000

4000

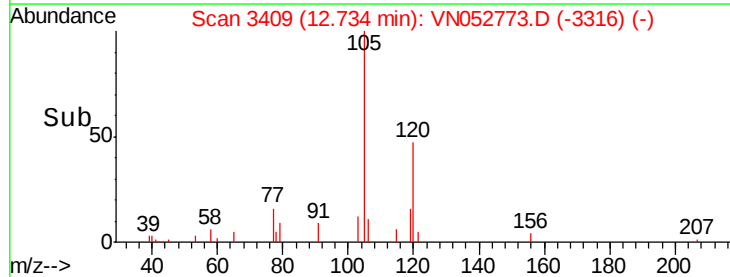
3000

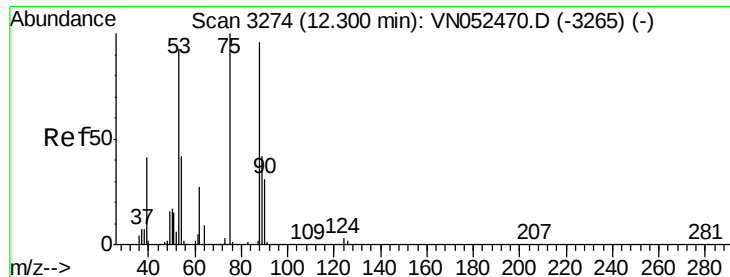
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 115.597 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

WC-20181207-CD

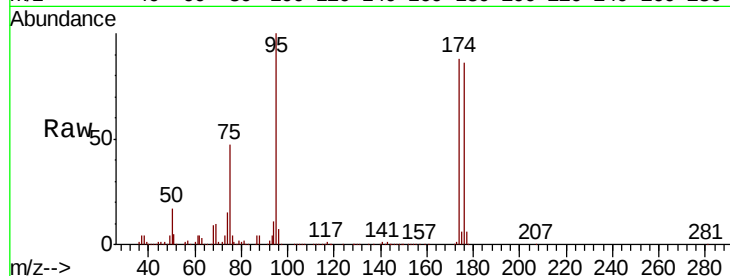
Tot Ion: 75 Resp: 332631

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

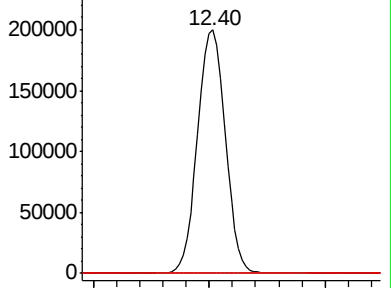
89 0.0 35.4 53.2#



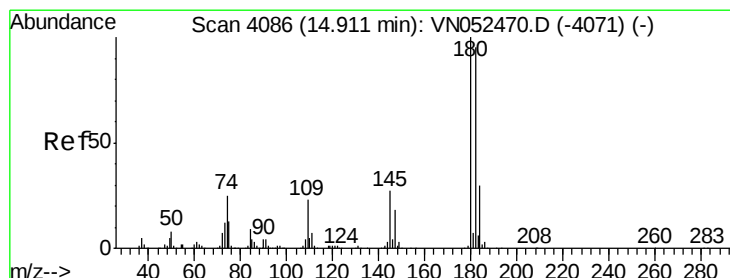
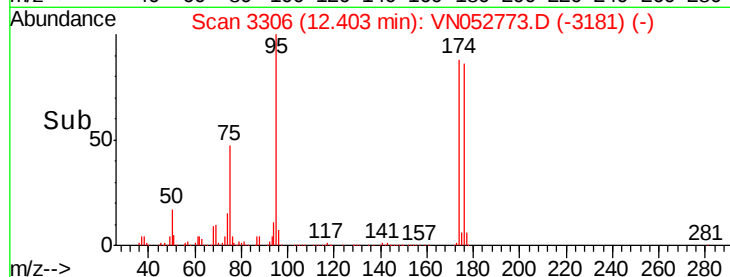
Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.888 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

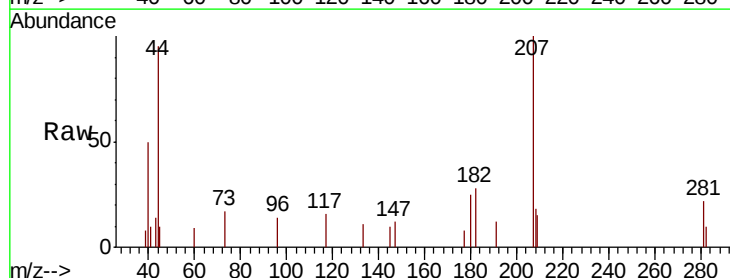
Tgt Ion:180 Resp: 689

Ion Ratio Lower Upper

180 100

182 99.9 47.8 143.4

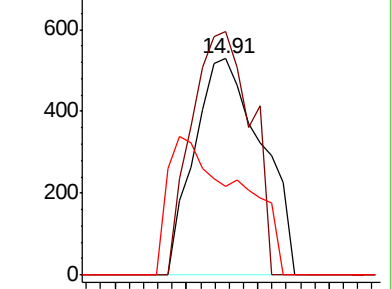
145 68.2 14.1 42.3#



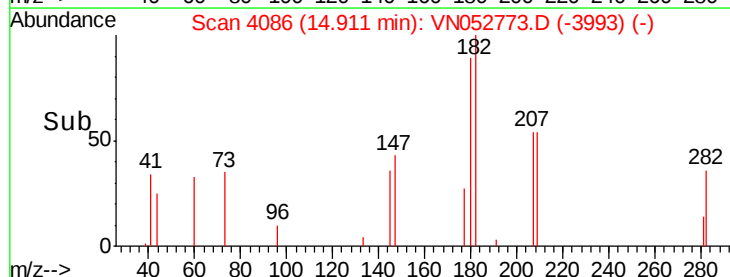
Abundance Ion 179.80 (179.50 to 180.50): VN052470.D (-4071) (-)

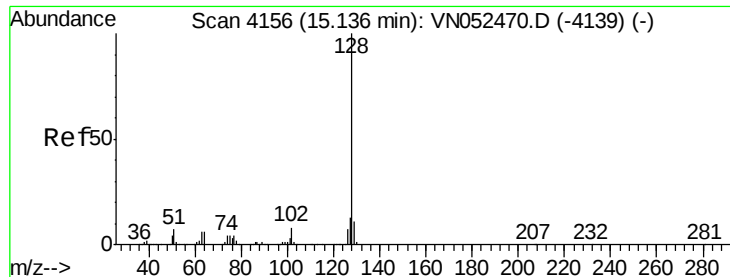
Ion 181.80 (181.50 to 182.50): VN052470.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052470.D (-4071) (-)



Time-->





#95

Naphthalene

Concen: 5.640 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

Instrument :

MSVOA\_N

ClientSampleId :

WC-20181207-CD

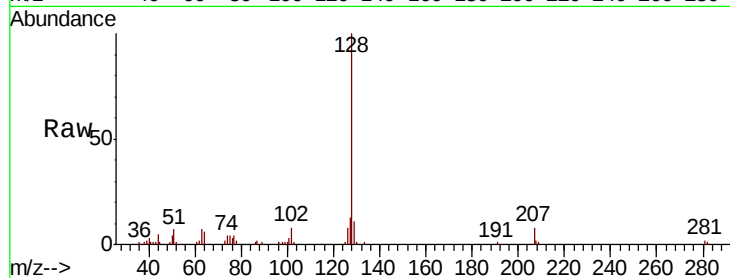
Tot Ion:128 Resp: 55698

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

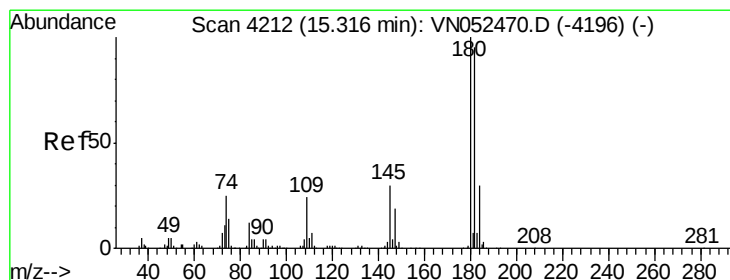
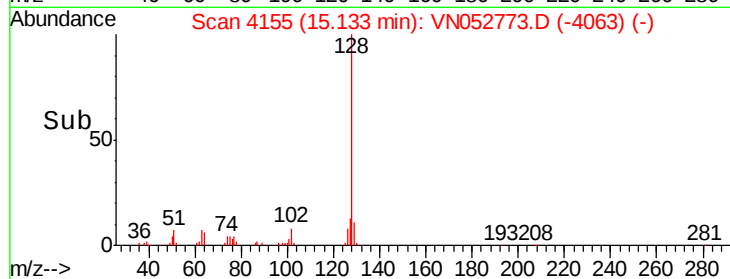
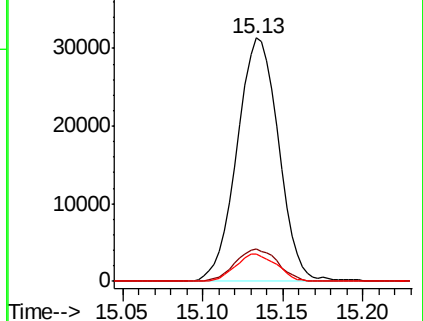
129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 2.779 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052773.D

Acq: 11 Dec 2018 1:24

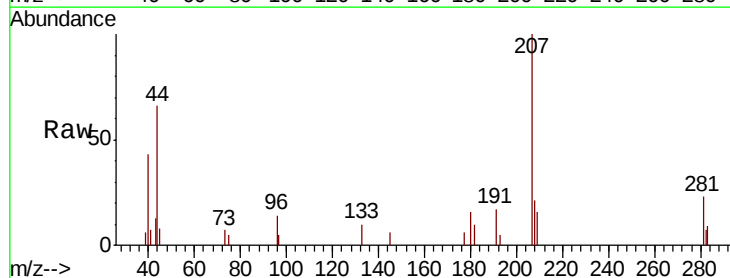
Tgt Ion:180 Resp: 564

Ion Ratio Lower Upper

180 100

182 70.4 47.8 143.3

145 20.0 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

