

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111518\  
 Data File : VN052343.D  
 Acq On : 15 Nov 2018 15:46  
 Operator : MD\SY  
 Sample : PB114828ZHE#07  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 16 02:52:35 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration

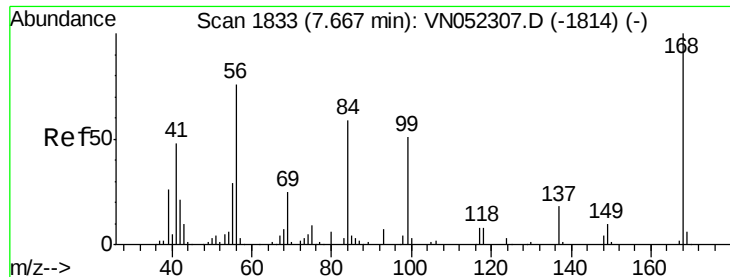
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 311504   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 518373   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 449566   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 152040   | 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   | 217541   | 49.45 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.90% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 165305   | 49.44 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.88% |          |
| 50) Toluene-d8              | 10.09 | 98   | 648901   | 49.34 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.68% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 189436   | 43.78 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.56% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 11) Tert butyl alcohol         | 4.77  | 59   | 159      | 0.684   | ug/l # | 72     |
| 13) Acrolein                   | 3.62  | 56   | 30       | 21.849  | ug/l # | 14     |
| 16) Acetone                    | 3.82  | 43   | 6792     | 5.607   | ug/l   | 99     |
| 18) Methyl Acetate             | 4.33  | 43   | 828      | 0.673   | ug/l   | 95     |
| 20) Methylene Chloride         | 4.55  | 84   | 12491    | 2.727   | ug/l # | 88     |
| 25) 2-Butanone                 | 6.82  | 43   | 401      | 0.235   | ug/l # | 52     |
| 31) Cyclohexane                | 7.67  | 56   | 8801     | 0.261   | ug/l # | 27     |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 27518    | 5.296   | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 33747    | 7.070   | ug/l # | 16     |
| 41) Methacrylonitrile          | 7.18  | 41   | 141      | 3.758   | ug/l # | 100    |
| 43) Isopropyl Acetate          | 8.17  | 43   | 27777    | 3.818   | ug/l # | 91     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 1287     | 0.306   | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.18  | 41   | 5992     | 1.623   | ug/l # | 16     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 75       | 2.646   | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 10.02 | 43   | 7263     | 1.983   | ug/l # | 41     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 43036    | 7.480   | ug/l # | 71     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 8078     | 1.417   | ug/l # | 44     |
| 59) 2-Hexanone                 | 10.76 | 43   | 147192   | 58.427  | ug/l # | 55     |
| 71) Bromoform                  | 12.40 | 173  | 1359     | 0.710   | ug/l # | 1      |
| 74) N-amyl acetate             | 11.87 | 43   | 17603    | 4.043   | ug/l # | 59     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 105633   | 40.946  | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 9779     | 1.006   | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 105633   | 132.803 | ug/l # | 5      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052343.D

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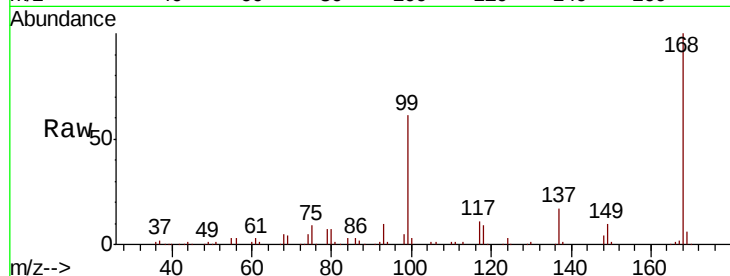
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 311504

Ion Ratio Lower Upper

168 100

99 61.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

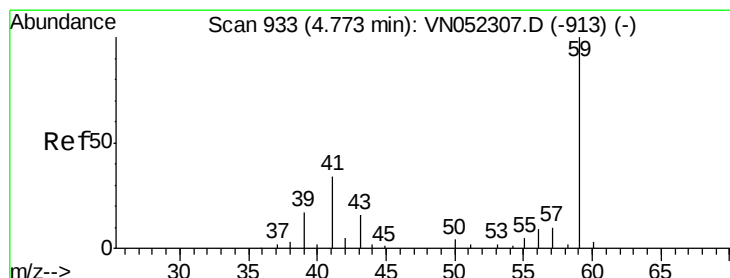
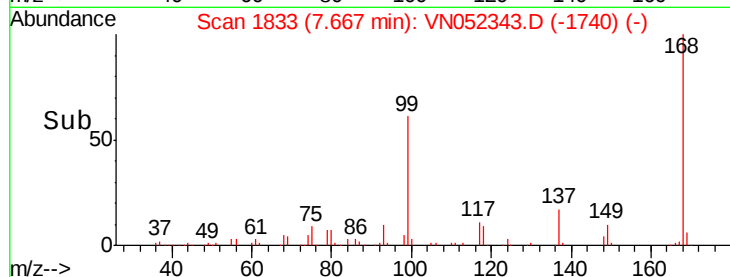
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.684 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: VN052343.D

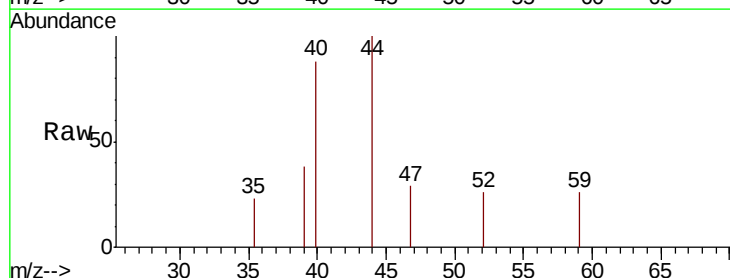
Acq: 15 Nov 2018 15:46

Tgt Ion: 59 Resp: 159

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN052307.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN052307.D (-913) (-)

4.77

200

150

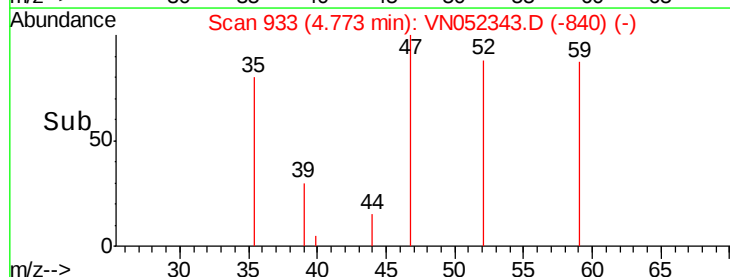
100

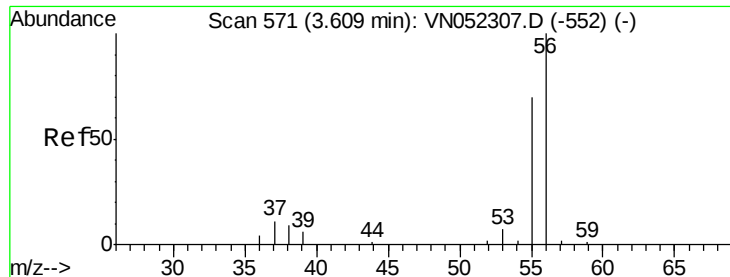
50

0

Time-->

4.76 4.77 4.78 4.79





#13

Acrolein

Concen: 21.849 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA\_N

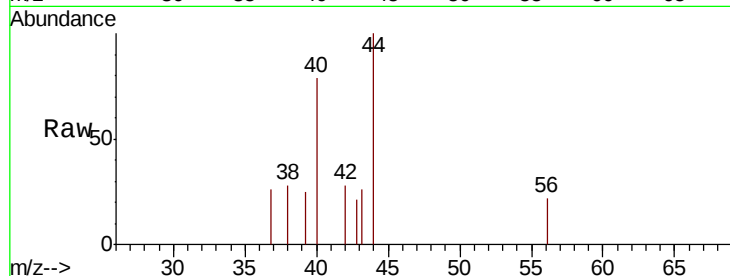
ClientSampleId :

Tot Ion: 56 Resp: 30

Ion Ratio Lower Upper

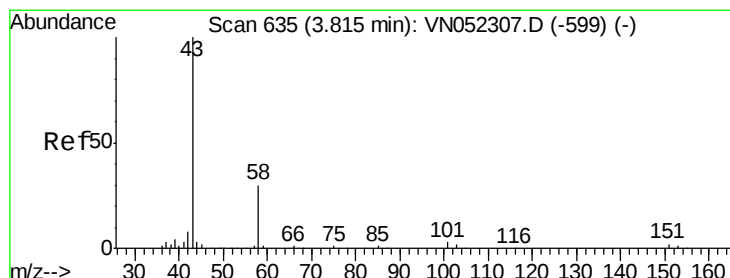
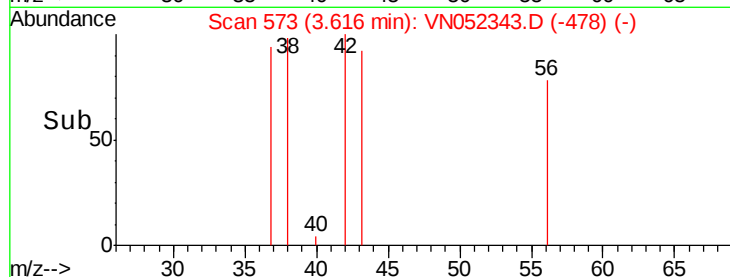
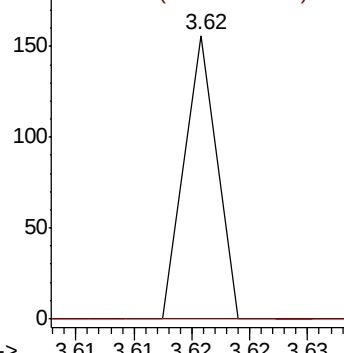
56 100

55 0.0 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 5.607 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052343.D

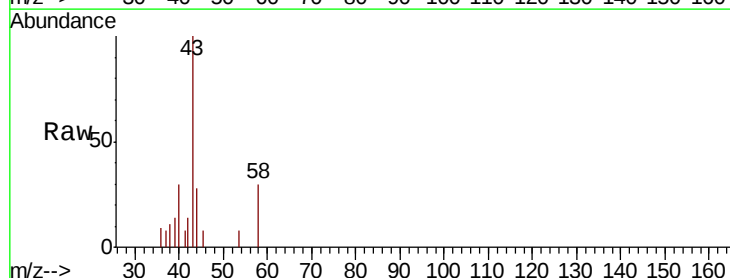
Acq: 15 Nov 2018 15:46

Tgt Ion: 43 Resp: 6792

Ion Ratio Lower Upper

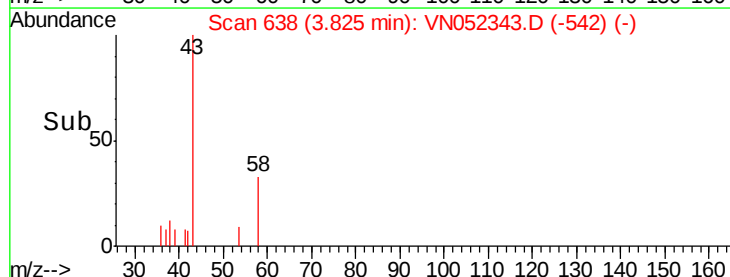
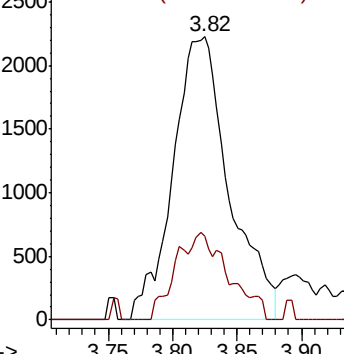
43 100

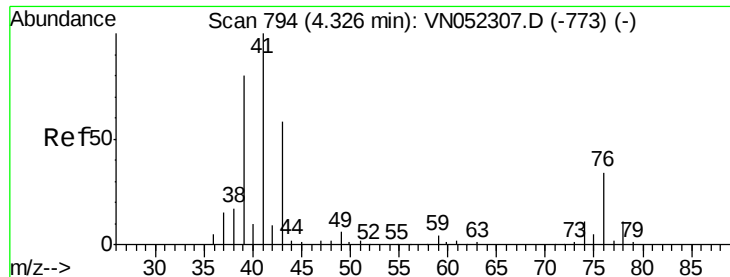
58 29.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

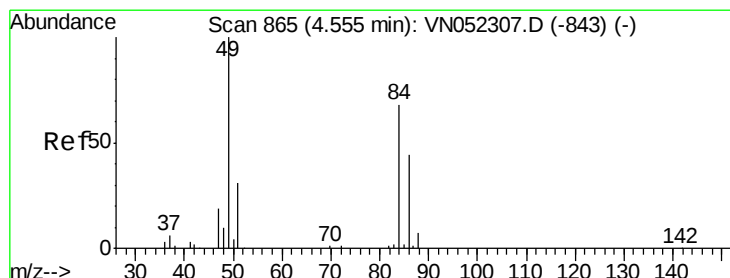
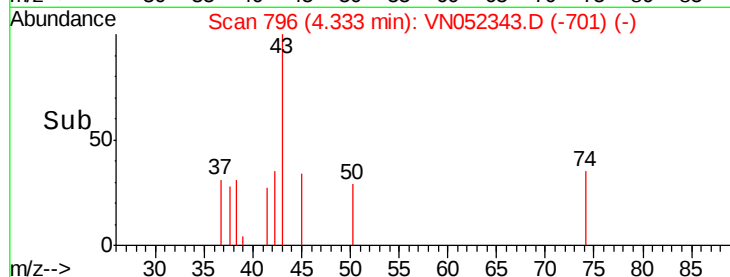
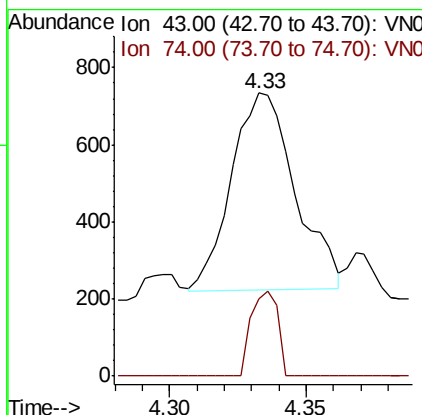
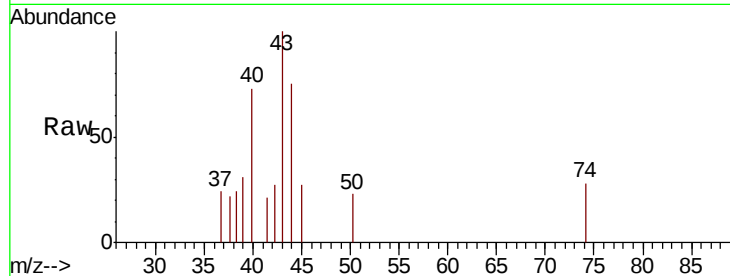




#18  
Methyl Acetate  
Concen: 0.673 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

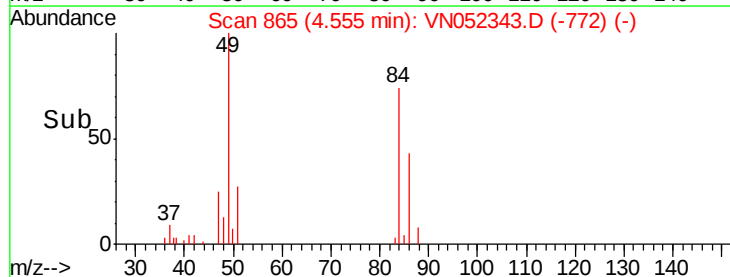
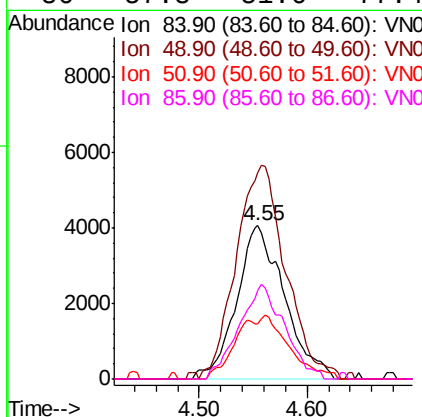
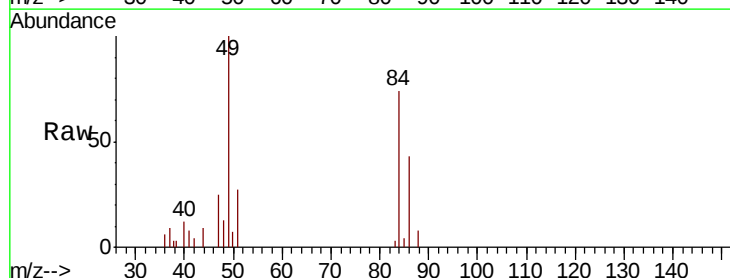
Instrument :  
MSVOA\_N  
ClientSampled :

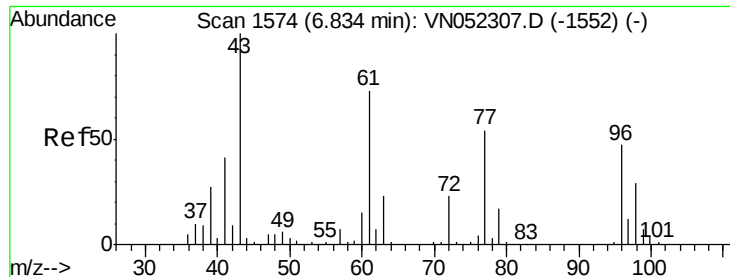
Tot Ion: 43 Resp: 828  
Ion Ratio Lower Upper  
43 100  
74 17.6 15.9 23.9



#20  
Methylene Chloride  
Concen: 2.727 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

Tgt Ion: 84 Resp: 12491  
Ion Ratio Lower Upper  
84 100  
49 130.8 118.2 177.2  
51 35.9 36.1 54.1#  
86 57.8 51.6 77.4

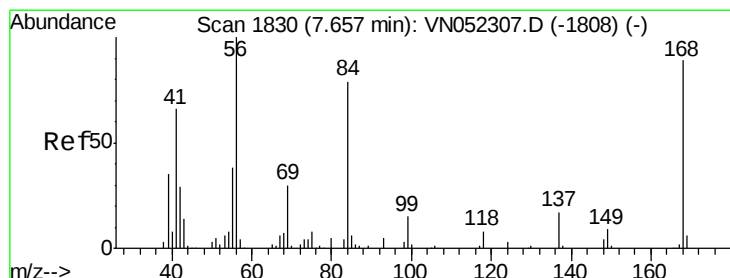
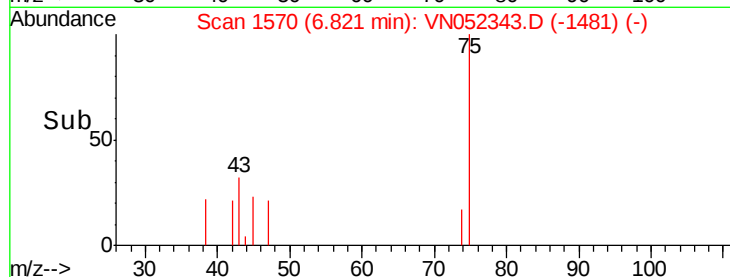
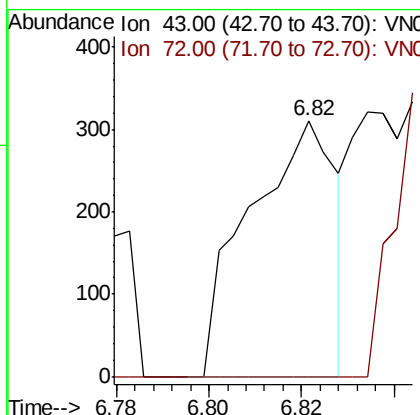
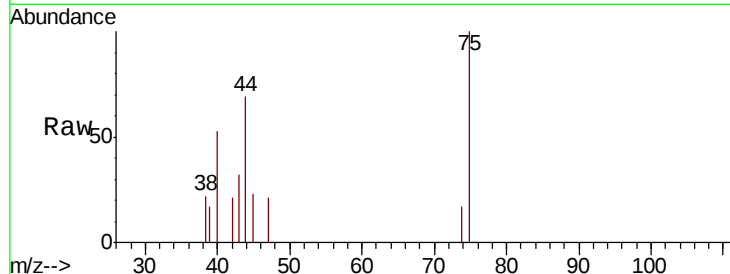




#25  
2-Butanone  
Concen: 0.235 ug/l  
RT: 6.82 min Scan# 1570  
Delta R.T. -0.01 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

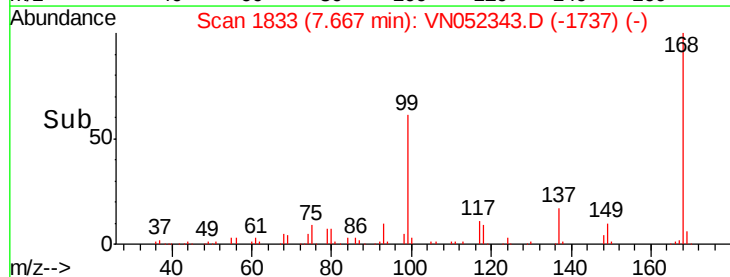
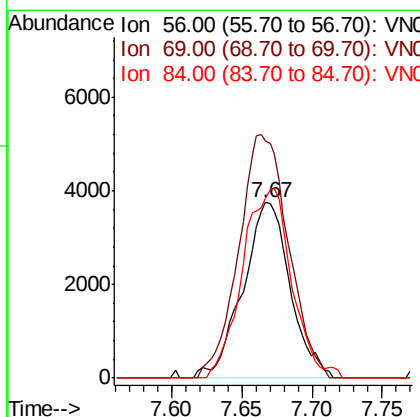
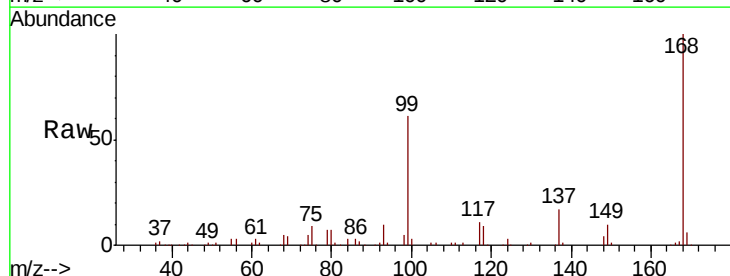
Instrument :  
MSVOA\_N  
ClientSampleId :

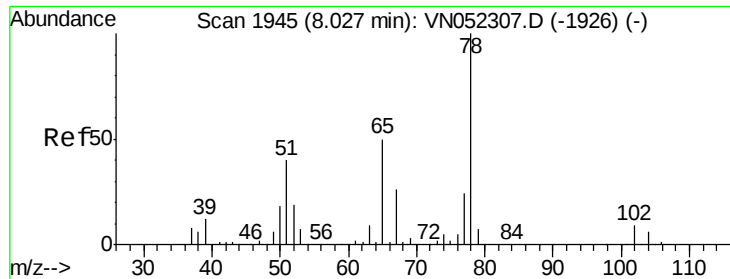
Tot Ion: 43 Resp: 401  
Ion Ratio Lower Upper  
43 100  
72 0.0 18.6 27.8#



#31  
Cyclohexane  
Concen: 0.261 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. 0.01 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

Tgt Ion: 56 Resp: 8801  
Ion Ratio Lower Upper  
56 100  
69 135.3 23.8 35.8#  
84 102.1 63.0 94.6#

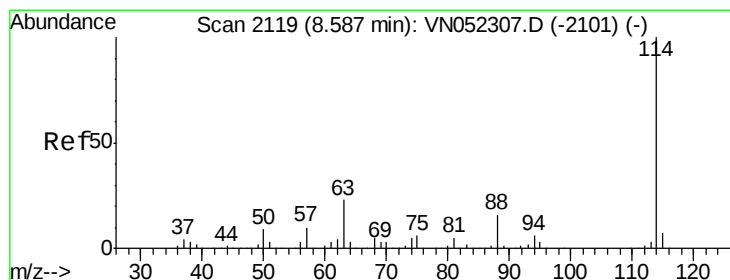
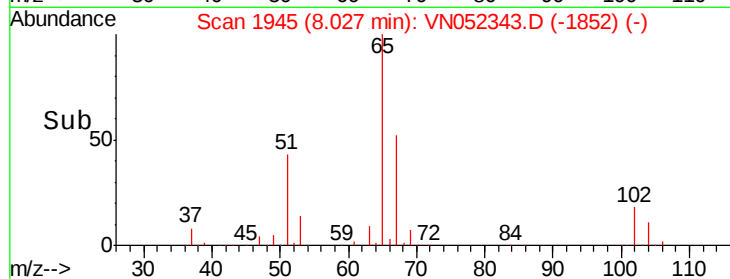
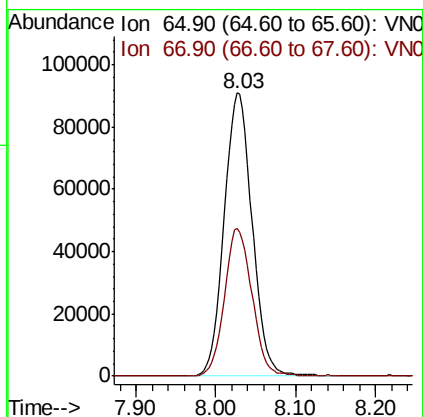
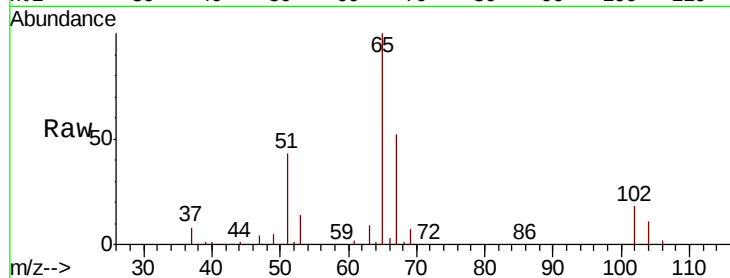




#33  
 1,2-Dichloroethane-d4  
 Concen: Below ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

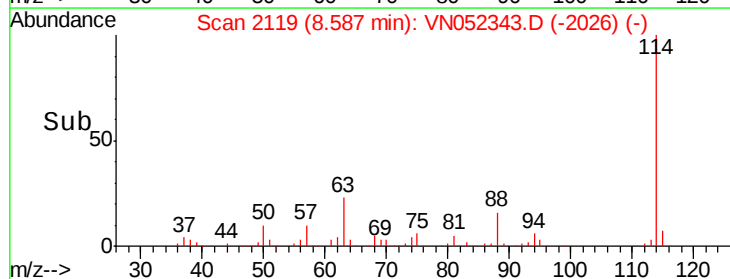
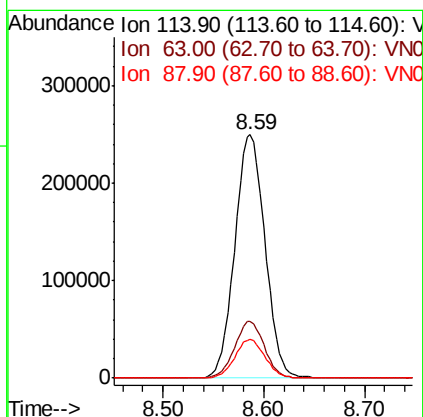
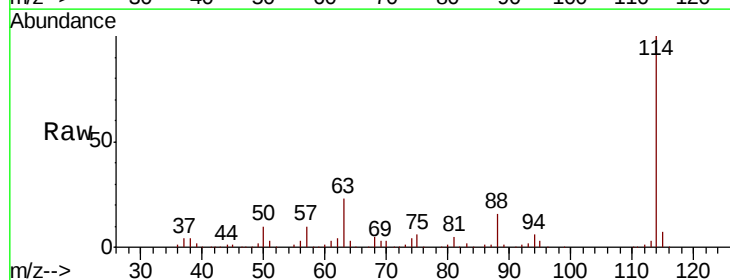
Instrument :  
 MSVOA\_N  
 ClientSampled :

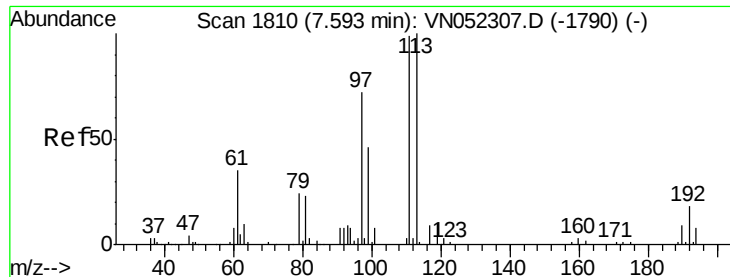
Tot Ion: 65 Resp: 217541  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

Tgt Ion: 114 Resp: 518373  
 Ion Ratio Lower Upper  
 114 100  
 63 23.1 0.0 45.4  
 88 15.9 0.0 31.2

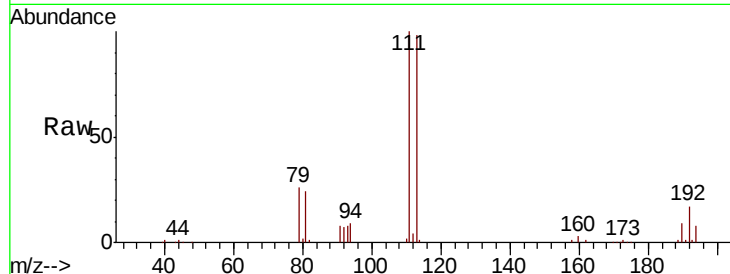




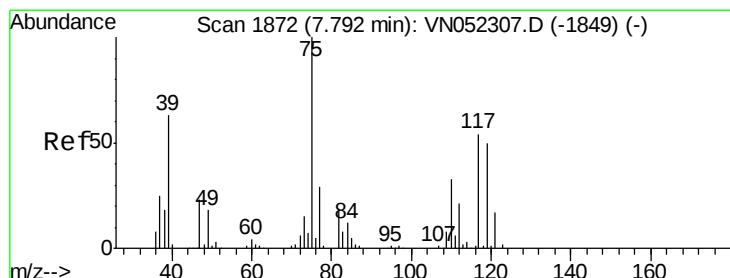
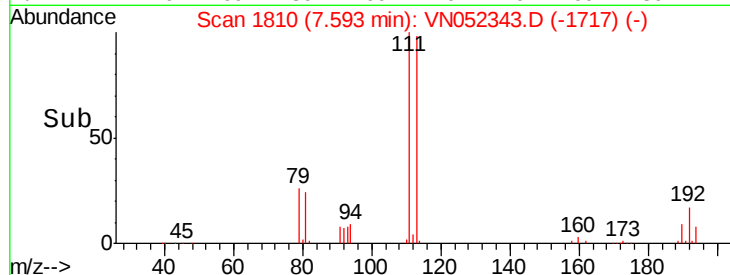
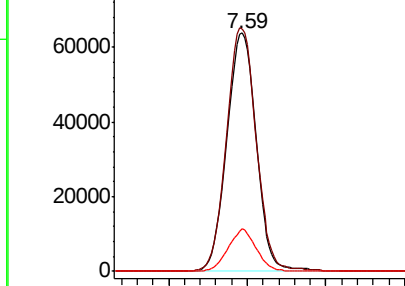
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.7 | 81.0  | 121.6 |
| 192     | 16.9  | 13.8  | 20.6  |

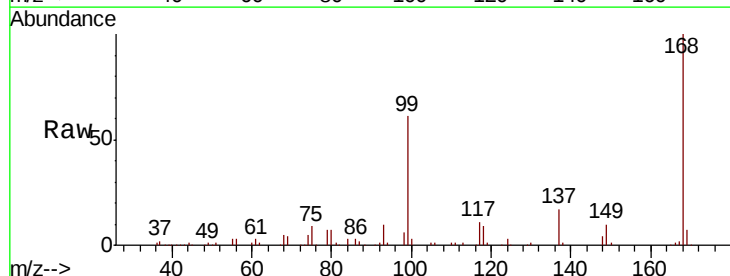


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

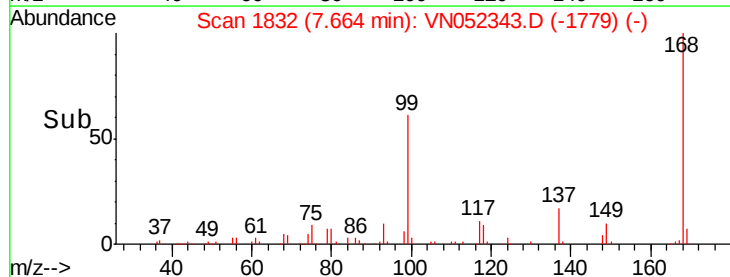
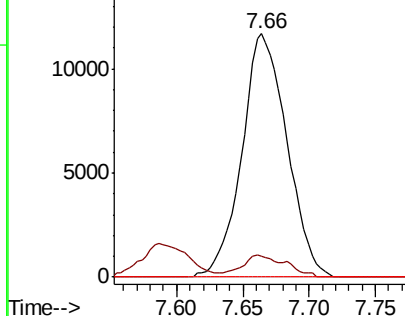


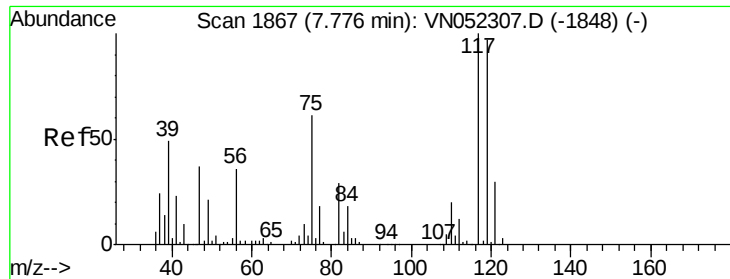
#36  
 1,1-Dichloropropene  
 Concen: 5.296 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.0   | 16.5  | 49.5# |
| 77      | 0.0   | 24.2  | 36.2# |



Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 7.070 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA\_N

ClientSampleId :

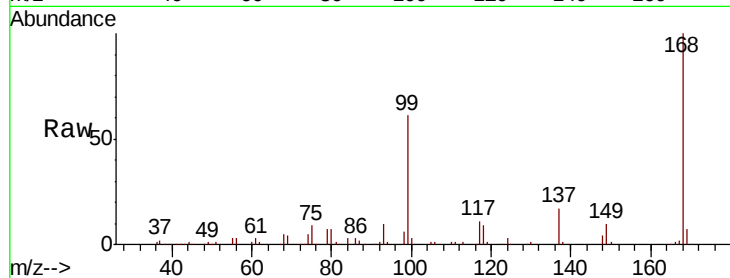
Tot Ion:117 Resp: 33747

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

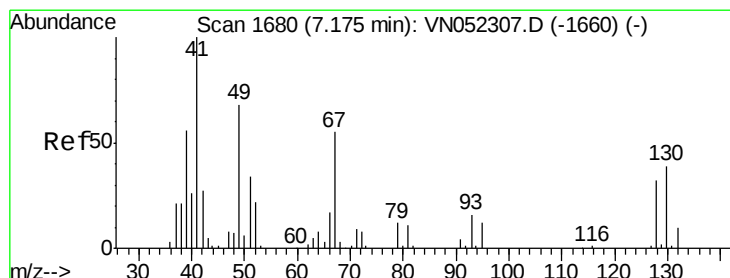
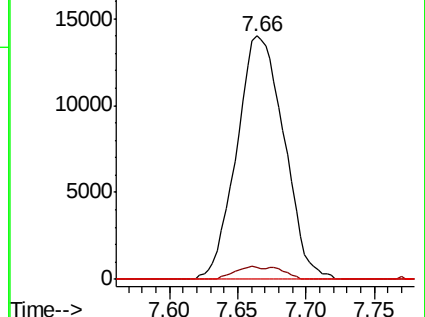
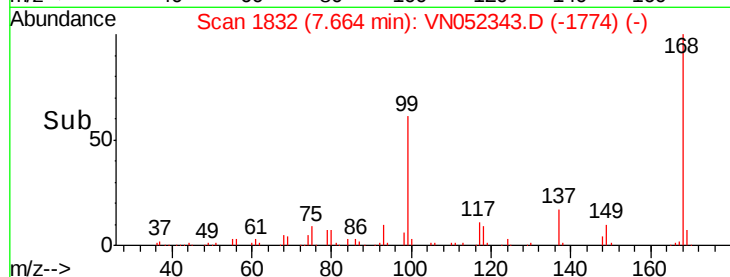
121 0.0 24.0 36.0#



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



#41

Methacrylonitrile

Concen: 3.758 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Tgt Ion: 41 Resp: 141

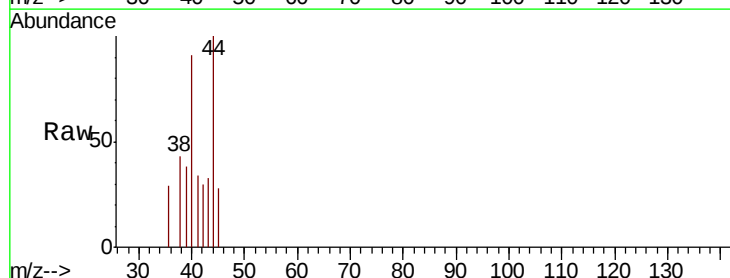
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

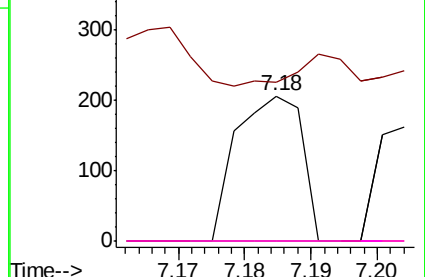
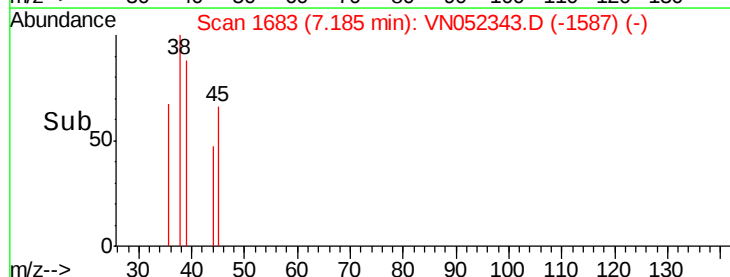


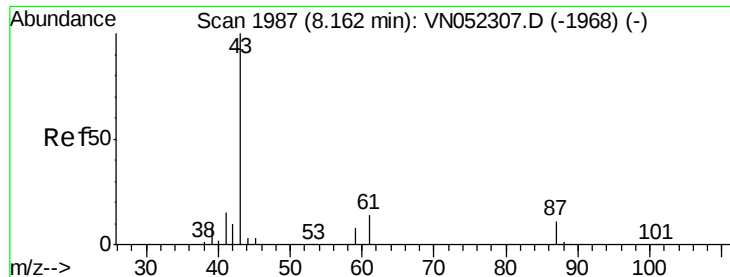
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 3.818 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA\_N

ClientSampled :

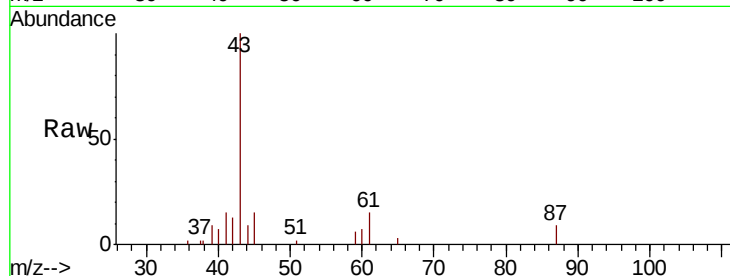
Tot Ion: 43 Resp: 27777

Ion Ratio Lower Upper

43 100

61 12.6 12.0 18.0

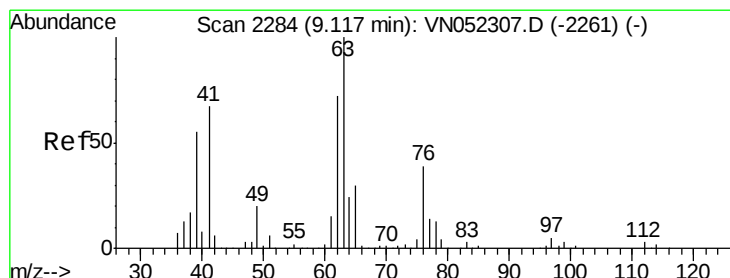
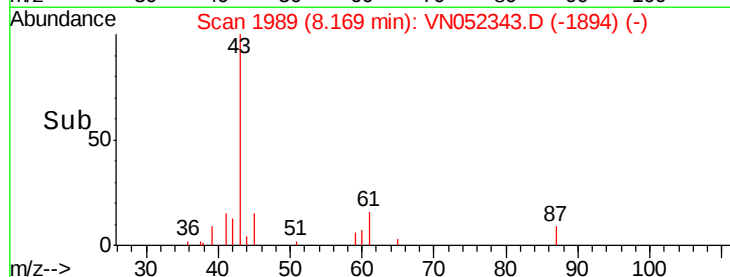
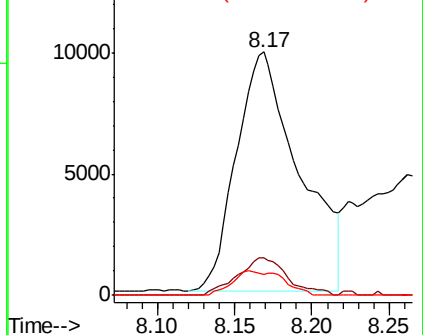
87 4.9 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.306 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.16 min

Lab File: VN052343.D

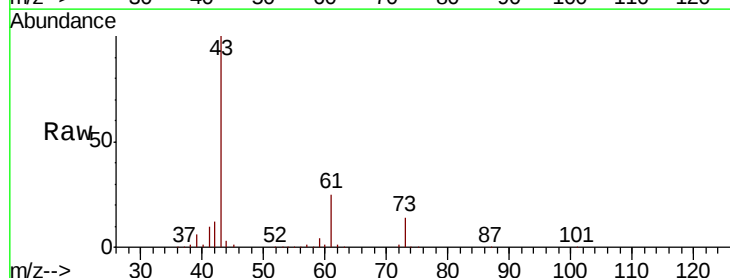
Acq: 15 Nov 2018 15:46

Tgt Ion: 63 Resp: 1287

Ion Ratio Lower Upper

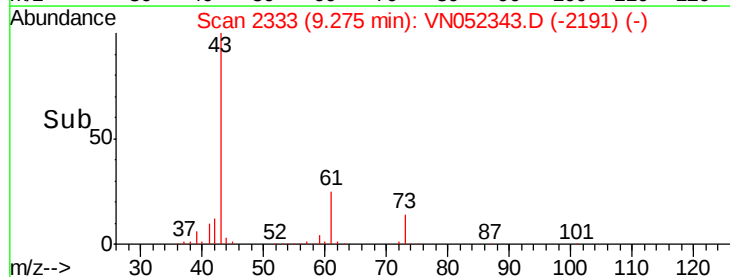
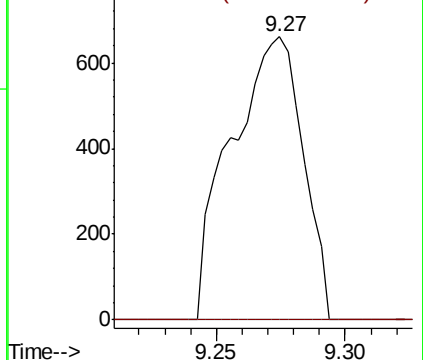
63 100

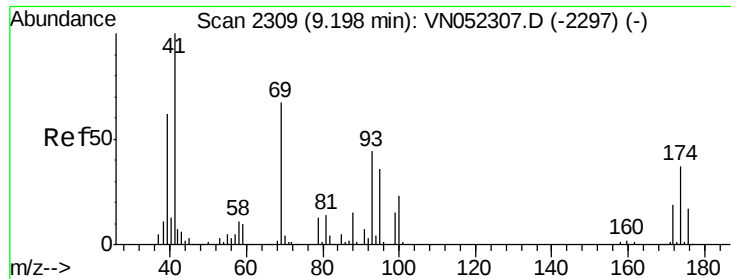
65 0.0 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052307.D (-2261) (-)

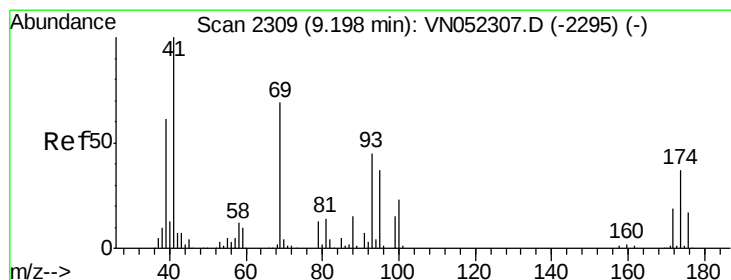
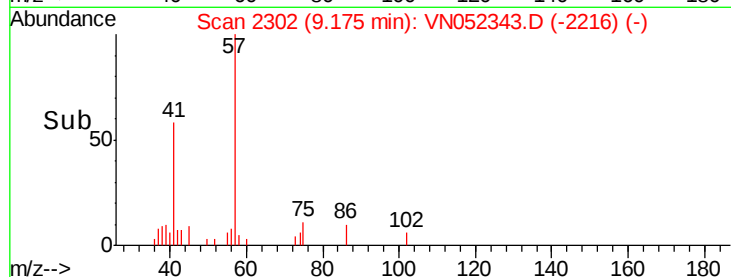
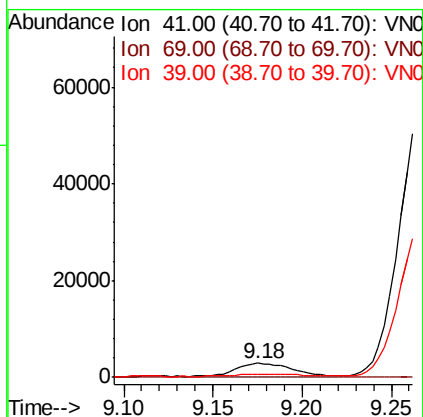
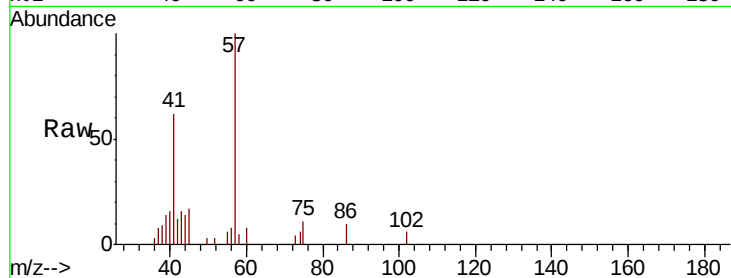




#48  
Methyl methacrylate  
Concen: 1.623 ug/l  
RT: 9.18 min Scan# 2302  
Delta R.T. -0.02 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

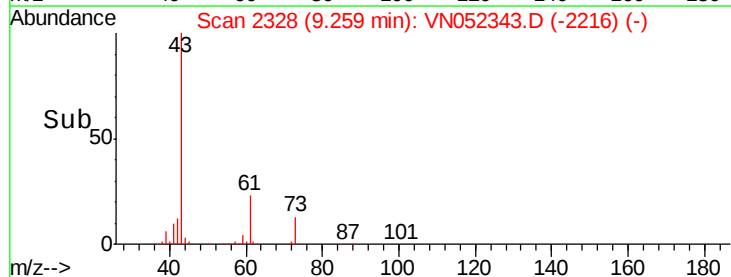
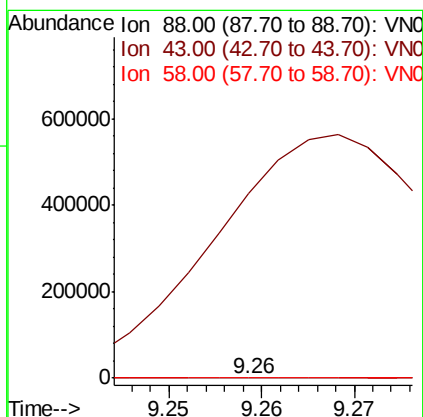
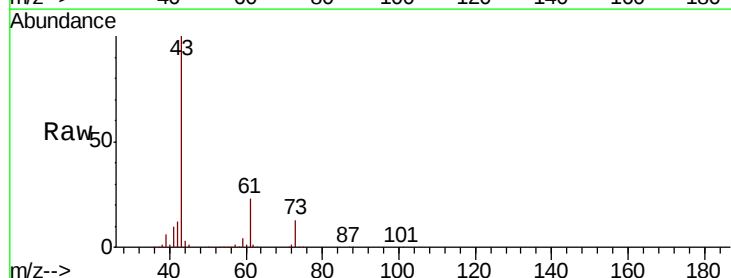
Instrument :  
MSVOA\_N  
ClientSampleId :

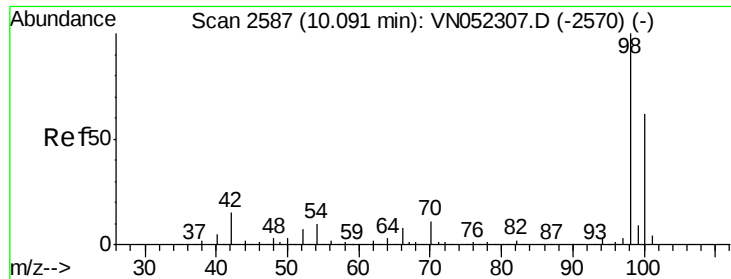
Tot Ion: 41 Resp: 5992  
Ion Ratio Lower Upper  
41 100  
69 0.0 57.1 85.7#  
39 0.0 52.5 78.7#



#49  
1,4-Dioxane  
Concen: 2.646 ug/l  
RT: 9.26 min Scan# 2328  
Delta R.T. 0.06 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

Tgt Ion: 88 Resp: 75  
Ion Ratio Lower Upper  
88 100  
43 1388912.0 33.3 49.9#  
58 6110.7 59.2 88.8#





#50

Toluene-d8

Concen: 2.646 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA\_N

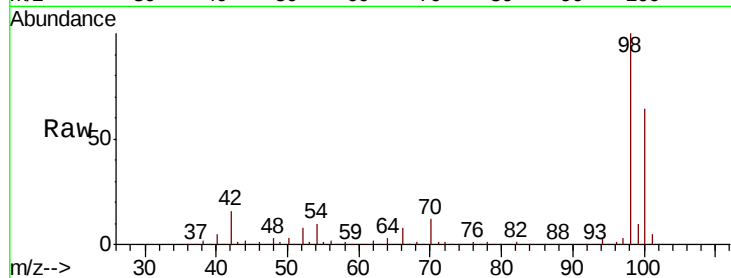
ClientSampleId :

Tot Ion: 98 Resp: 648901

Ion Ratio Lower Upper

98 100

100 62.6 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)

10.09

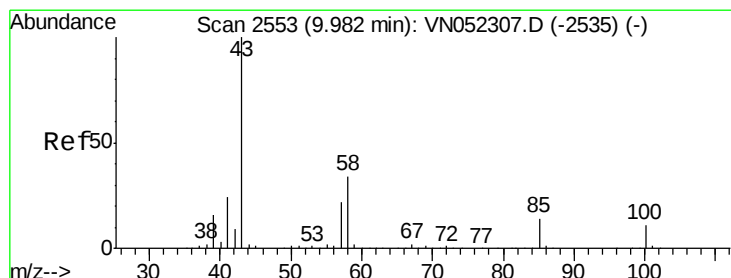
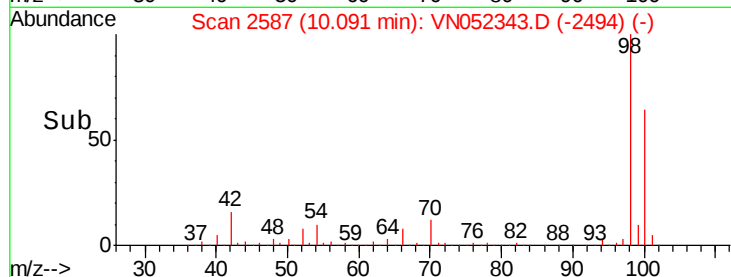
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.983 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052343.D

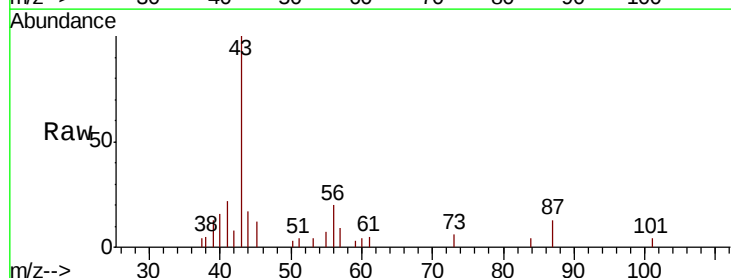
Acq: 15 Nov 2018 15:46

Tgt Ion: 43 Resp: 7263

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2535) (-)

10.02

5000

4000

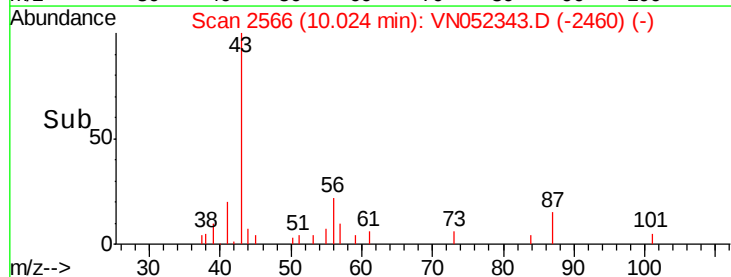
3000

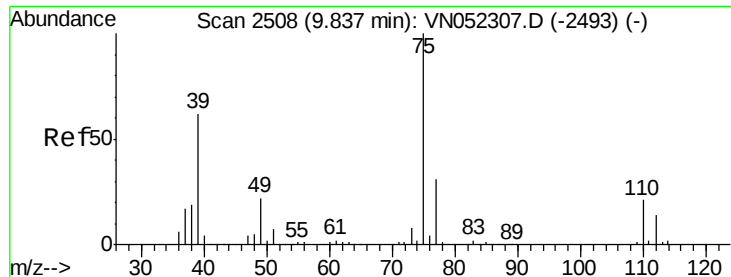
2000

1000

0

Time-->



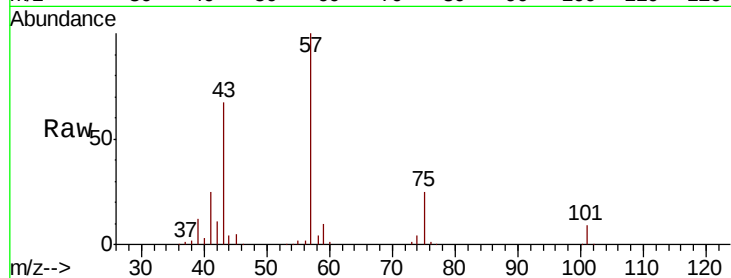


#54

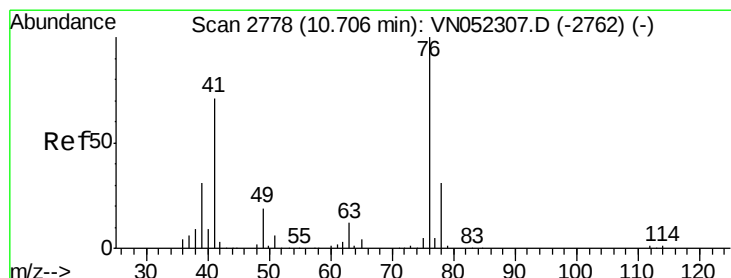
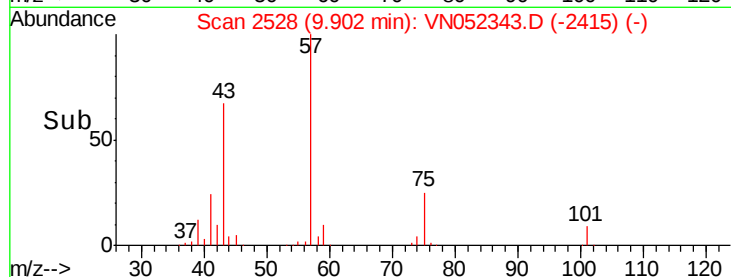
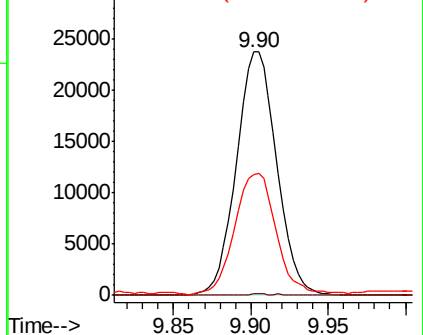
cis-1,3-Dichloropropene  
 Concen: 7.480 ug/l  
 RT: 9.90 min Scan# 2528  
 Delta R.T. 0.06 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 75 Resp: 43036  
 Ion Ratio Lower Upper  
 75 100  
 77 0.7 24.6 36.8#  
 39 49.6 49.9 74.9#



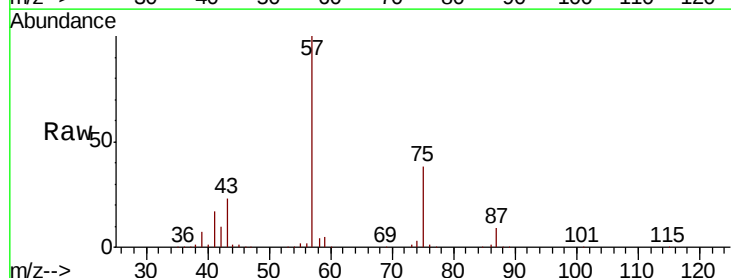
Abundance Ion 74.90 (74.60 to 75.60): VNO  
 Ion 76.90 (76.60 to 77.60): VNO  
 Ion 39.00 (38.70 to 39.70): VNO



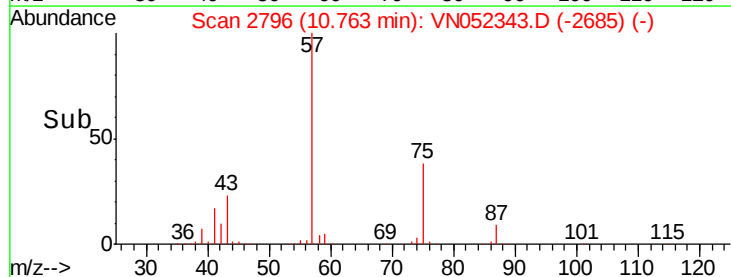
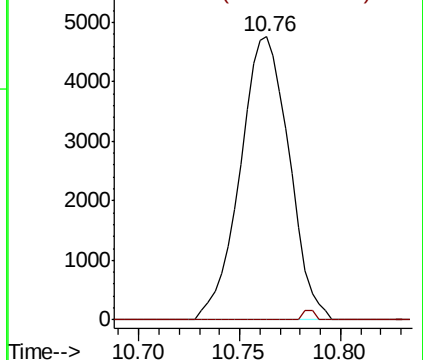
#57

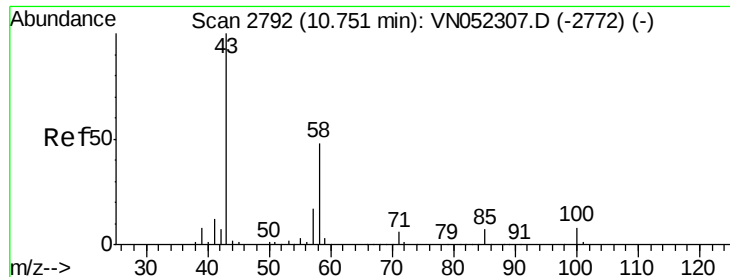
1,3-Dichloropropane  
 Concen: 1.417 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.06 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

Tgt Ion: 76 Resp: 8078  
 Ion Ratio Lower Upper  
 76 100  
 78 0.8 25.7 38.5#



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

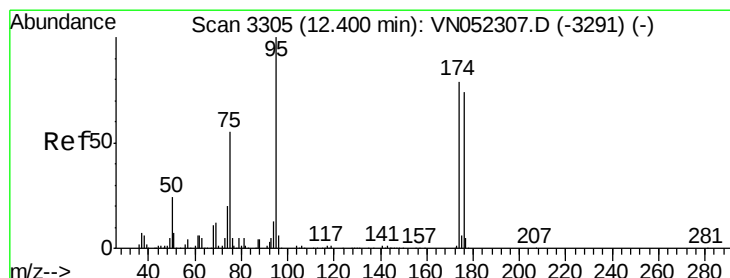
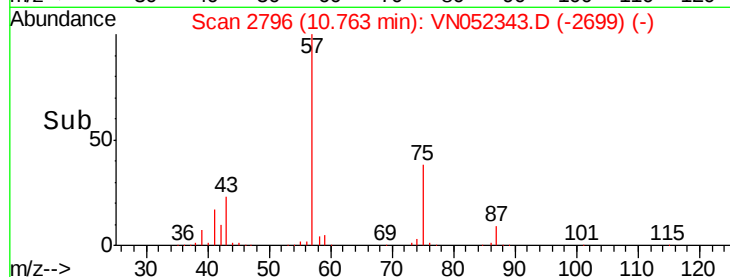
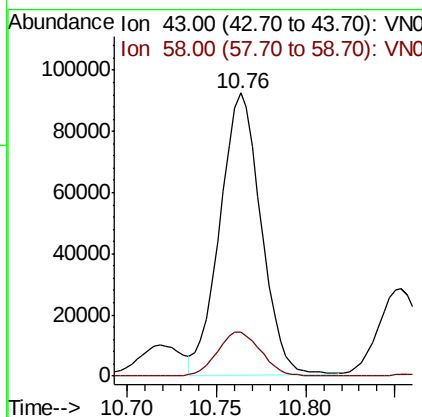
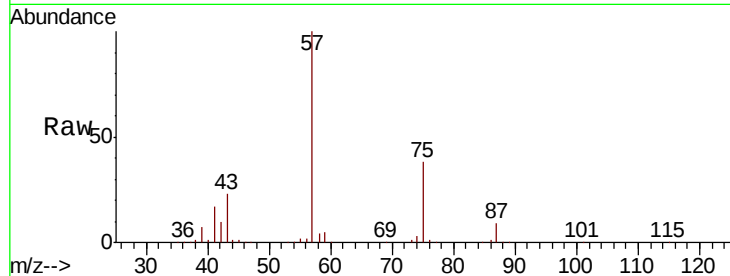




#59  
2-Hexanone  
Concen: 58.427 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

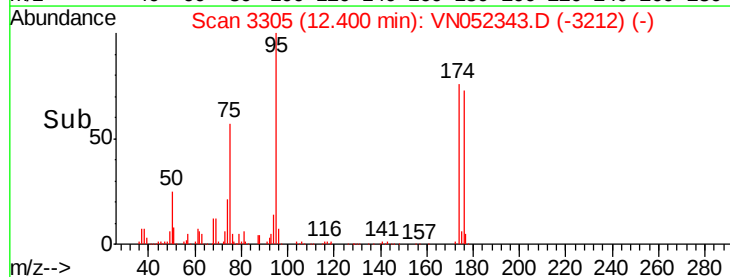
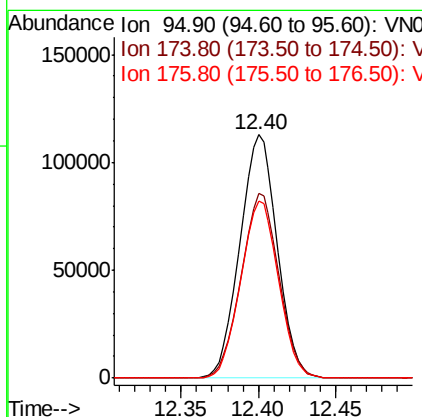
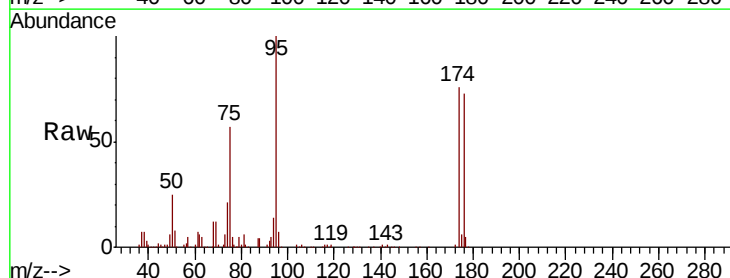
Instrument :  
MSVOA\_N  
ClientSampled :

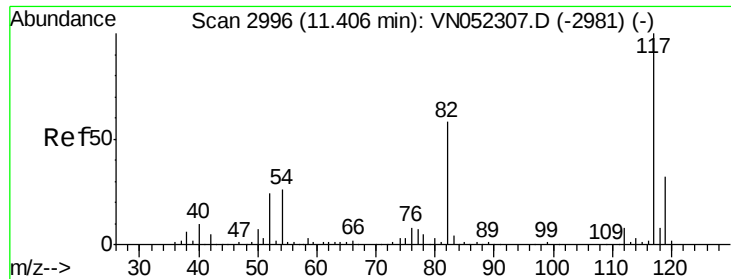
Tot Ion: 43 Resp: 147192  
Ion Ratio Lower Upper  
43 100  
58 16.8 23.5 70.6#



#62  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

Tgt Ion: 95 Resp: 189436  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 156.0  
176 73.6 0.0 148.4

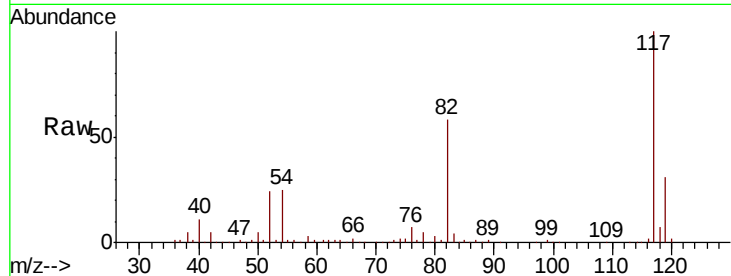




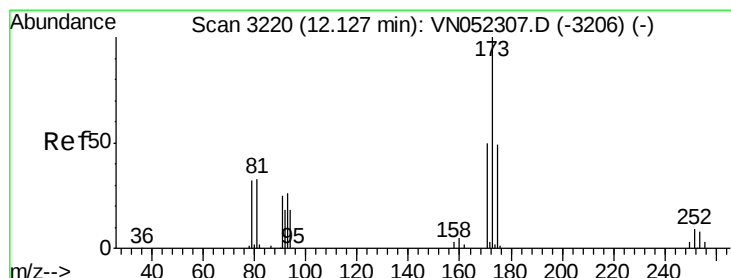
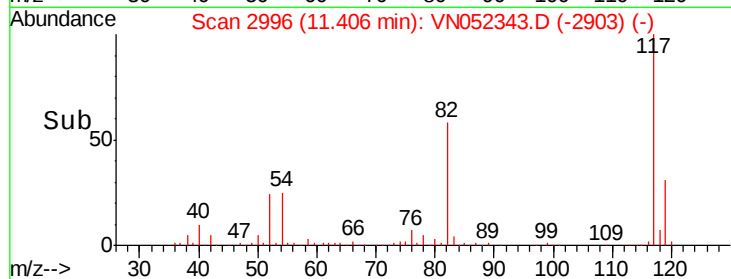
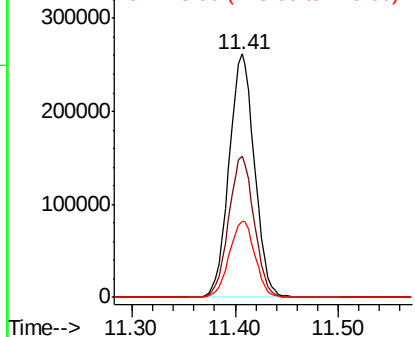
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 449566  
Ion Ratio Lower Upper  
117 100  
82 57.8 46.5 69.7  
119 31.4 25.7 38.5

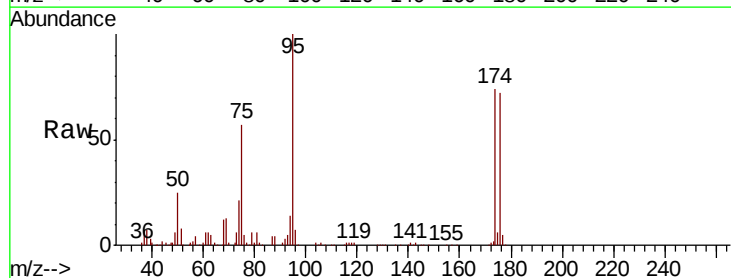


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

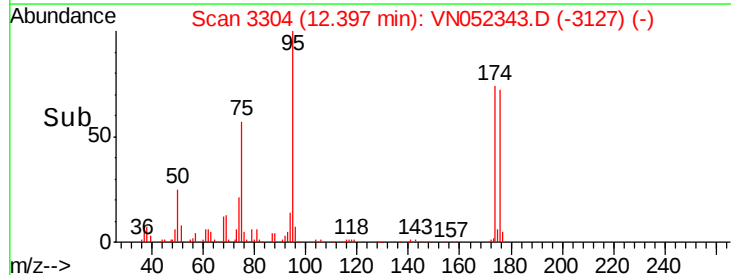
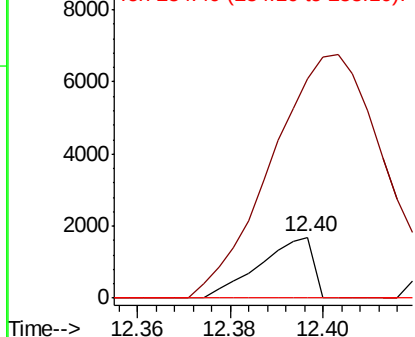


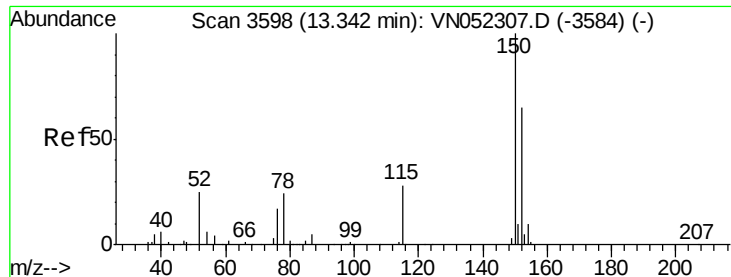
#71  
Bromoform  
Concen: 0.710 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.27 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

Tgt Ion:173 Resp: 1359  
Ion Ratio Lower Upper  
173 100  
175 746.8 25.0 75.0#  
254 0.0 0.0 0.0



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



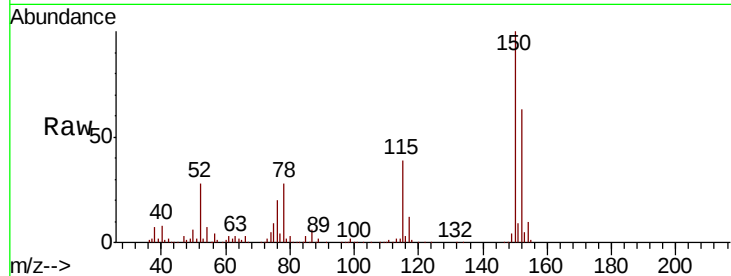


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.5  | 30.3  | 91.0  |
| 150     | 158.3 | 0.0   | 348.2 |

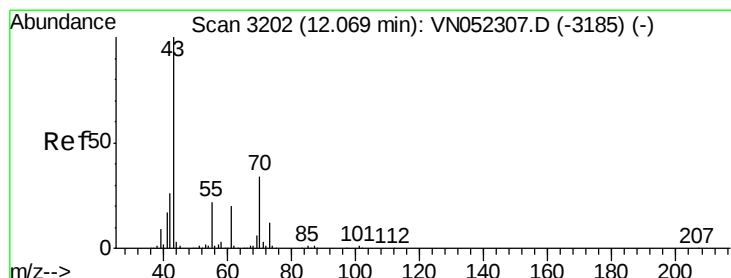
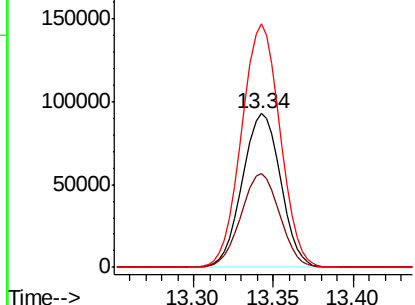
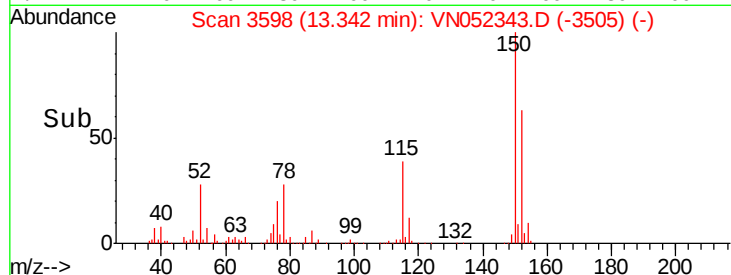


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

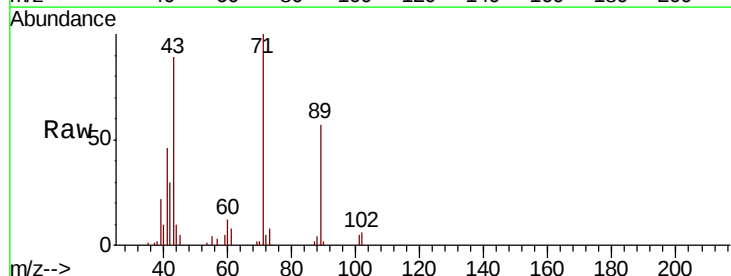
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate  
Concen: 4.043 ug/l  
RT: 11.87 min Scan# 3141  
Delta R.T. -0.20 min  
Lab File: VN052343.D  
Acq: 15 Nov 2018 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 1.8   | 27.1  | 40.7# |
| 55      | 3.8   | 17.4  | 26.0# |
| 61      | 10.7  | 16.1  | 24.1# |



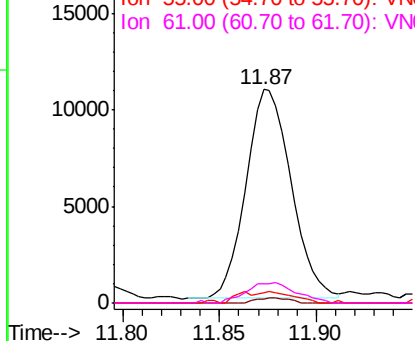
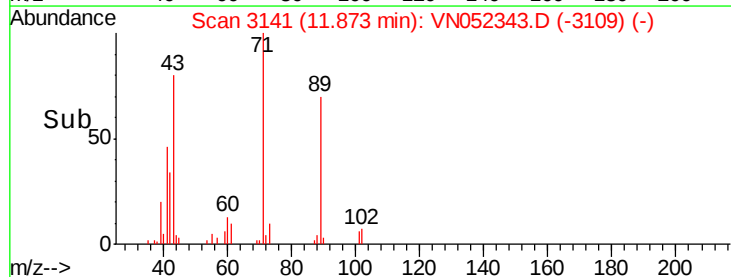
Abundance

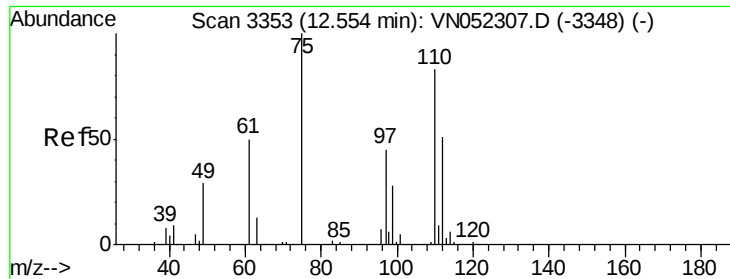
Ion 43.00 (42.70 to 43.70): V

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

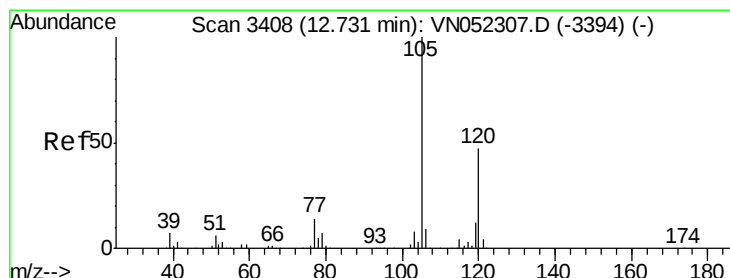
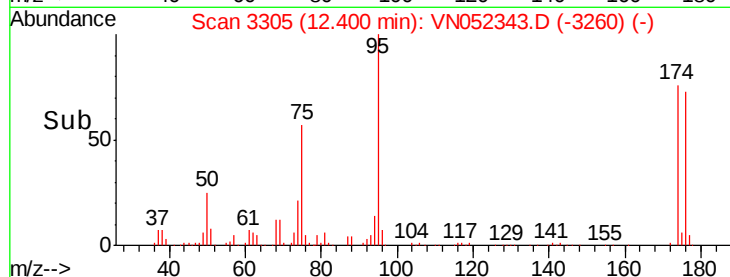
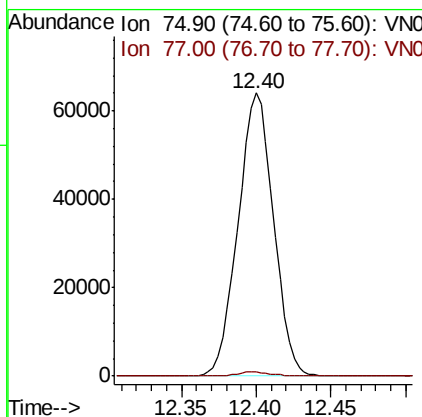
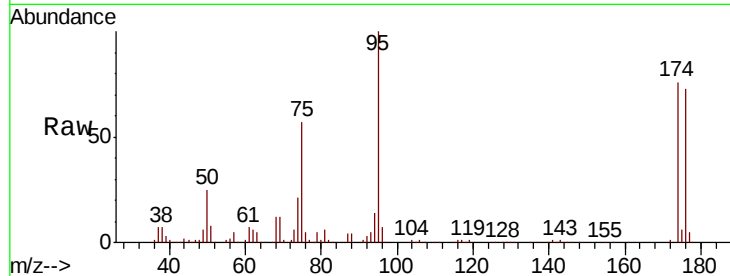




#76  
 1,2,3-Trichloropropane  
 Concen: 40.946 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.15 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

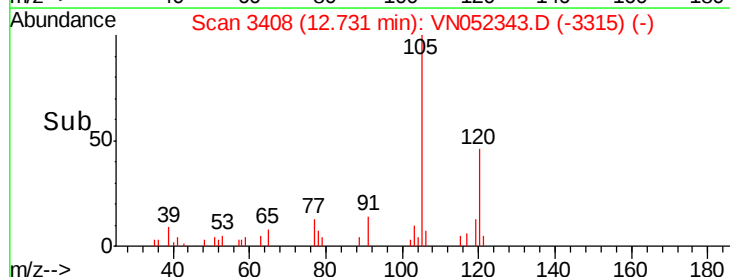
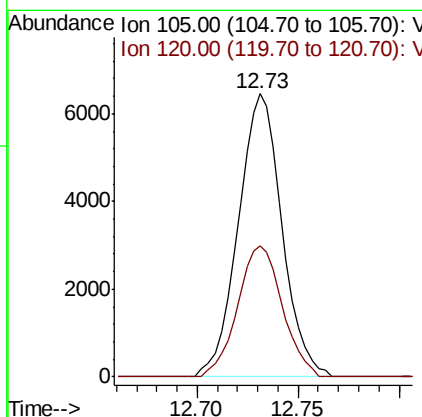
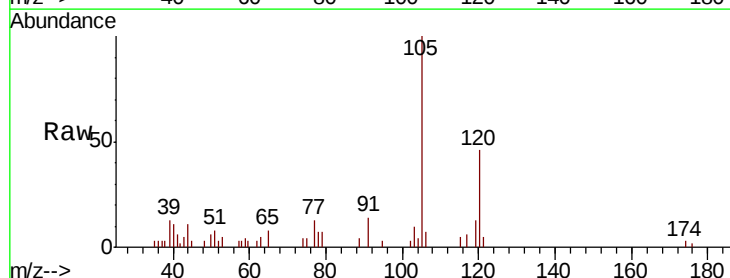
Instrument :  
 MSVOA\_N  
 ClientSampleId :

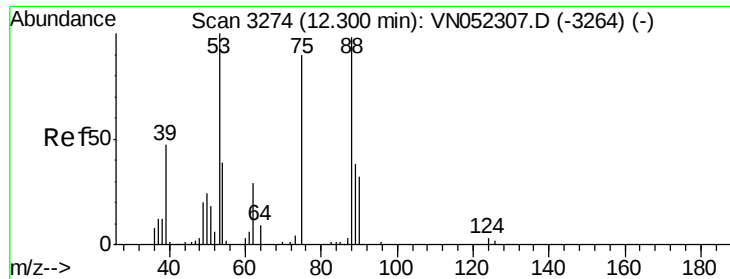
Tot Ion: 75 Resp: 105633  
 Ion Ratio Lower Upper  
 75 100  
 77 1.4 0.0 0.0#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.006 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. -0.00 min  
 Lab File: VN052343.D  
 Acq: 15 Nov 2018 15:46

Tgt Ion: 105 Resp: 9779  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 132.803 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA\_N

ClientSampleId :

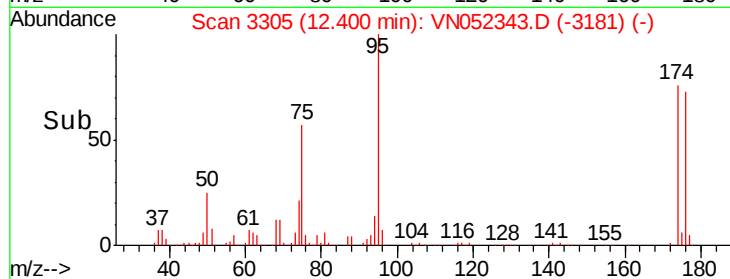
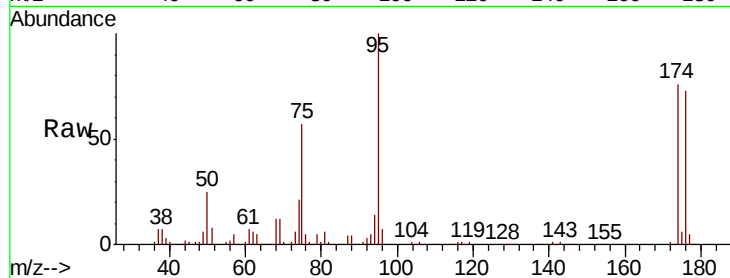
Tot Ion: 75 Resp: 105633

Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

