

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\  
 Data File : VN049362.D  
 Acq On : 19 Jun 2018 00:14  
 Operator : MD\SY  
 Sample : VN0618WBS02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 19 03:57:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1291600  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2006957  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1810131  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 878211   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 949229   | 55.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.82% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 839933   | 51.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.46% |      |
| 50) Toluene-d8            | 10.09  | 98  | 3154904  | 51.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.06% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 1039950  | 50.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.74% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 274631  | 18.47  | ug/l   | 100    |
| 3) Chloromethane              | 2.06 | 50  | 350777  | 18.27  | ug/l   | 95     |
| 4) Vinyl Chloride             | 2.18 | 62  | 392078  | 19.22  | ug/l   | 99     |
| 5) Bromomethane               | 2.57 | 94  | 187021  | 17.44  | ug/l   | 98     |
| 6) Chloroethane               | 2.70 | 64  | 246157  | 20.24  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 525473  | 20.65  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 194950  | 21.94  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 329100  | 20.39  | ug/l   | 94     |
| 10) Methyl Iodide             | 3.95 | 142 | 282233  | 16.79  | ug/l   | 93     |
| 11) Tert butyl alcohol        | 4.80 | 59  | 123366  | 122.70 | ug/l   | 97     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 301377  | 20.35  | ug/l   | 89     |
| 13) Acrolein                  | 3.61 | 56  | 73348   | 69.56  | ug/l   | 99     |
| 14) Allyl chloride            | 4.32 | 41  | 468258  | 20.03  | ug/l   | 90     |
| 15) Acrylonitrile             | 4.99 | 53  | 573493  | 114.07 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43  | 411930  | 99.03  | ug/l   | 92     |
| 17) Carbon Disulfide          | 4.05 | 76  | 825165  | 17.78  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.33 | 43  | 320207  | 25.25  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 852667  | 22.58  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.55 | 84  | 368264  | 21.20  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 318133  | 20.29  | ug/l   | 89     |
| 22) Diisopropyl ether         | 5.96 | 45  | 1033767 | 22.14  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.90 | 43  | 3338936 | 109.68 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 629576  | 21.06  | ug/l   | 98     |
| 25) 2-Butanone                | 6.84 | 43  | 625394  | 111.97 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 376039  | 15.58  | ug/l   | 94     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 372996  | 21.40  | ug/l   | 88     |
| 28) Bromochloromethane        | 7.19 | 49  | 284771  | 21.49  | ug/l # | 83     |
| 29) Tetrahydrofuran           | 7.22 | 42  | 417340  | 116.08 | ug/l   | 93     |
| 30) Chloroform                | 7.37 | 83  | 641773  | 21.58  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 518999  | 20.38  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 545455  | 21.49  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 454590  | 19.76  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.93 | 43  | 293699  | 23.49  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 475904  | 19.98  | ug/l   | 96     |

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 Sample : VN0618WBS02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 19 03:57:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 450490   | 18.25  | ug/l   | 97       |
| 40) Benzene                    | 8.04  | 78   | 1429347  | 20.27  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 153305   | 22.68  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 458945   | 21.07  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 567355   | 23.75  | ug/l   | 98       |
| 44) Trichloroethene            | 8.84  | 130  | 377064   | 20.25  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 380626   | 20.61  | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 223944   | 20.92  | ug/l   | 91       |
| 47) Bromodichloromethane       | 9.41  | 83   | 489549   | 20.81  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 251998   | 22.40  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 72660    | 467.92 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1455543  | 116.24 | ug/l   | 94       |
| 52) Toluene                    | 10.16 | 92   | 881416   | 21.30  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 445236   | 19.78  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 520729   | 19.59  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 323888   | 20.99  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 388714   | 21.84  | ug/l # | 88       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 539527   | 21.11  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 556464   | 96.76  | ug/l   | 94       |
| 59) 2-Hexanone                 | 10.76 | 43   | 913374   | 113.14 | ug/l   | 93       |
| 60) Dibromochloromethane       | 10.90 | 129  | 359922   | 20.90  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 309722   | 21.60  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 404340   | 21.80  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.44 | 112  | 933601   | 20.02  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 355803   | 20.28  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1579490  | 20.42  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.63 | 106  | 1213041  | 41.79  | ug/l   | 97       |
| 69) o-Xylene                   | 11.95 | 106  | 587877   | 21.03  | ug/l   | 94       |
| 70) Styrene                    | 11.97 | 104  | 944007   | 21.40  | ug/l   | 98       |
| 71) Bromoform                  | 12.13 | 173  | 242306   | 21.33  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1556390  | 20.18  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 403979   | 21.39  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 377953   | 22.60  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 465090   | 31.04  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 396968   | 19.49  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.59 | 91   | 1737436  | 20.52  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 1077643  | 20.09  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1263826  | 20.85  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 91089    | 19.21  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 1053756  | 20.36  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.00 | 119  | 1085261  | 20.21  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1261051  | 20.94  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1416096  | 19.81  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1194596  | 20.01  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 667149   | 19.91  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 649472   | 19.56  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 853916   | 18.31  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 240948   | 20.32  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 668158   | 20.33  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 57594    | 21.45  | ug/l   | 88       |

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Acq On : 19 Jun 2018 00:14  
Operator : MD\SY  
Sample : VN0618WBS02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 33 Sample Multiplier: 1

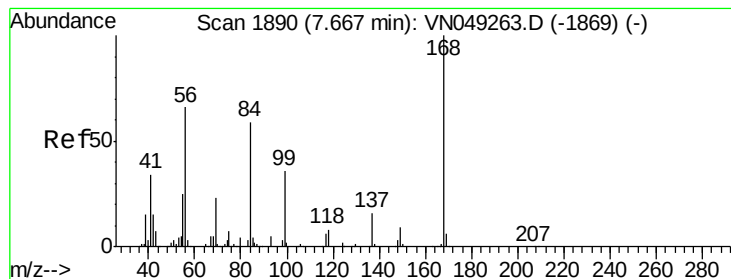
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 19 03:57:29 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:02:01 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 217290   | 17.80 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 192620   | 18.32 | ug/l  | 97       |
| 95) Naphthalene            | 15.14 | 128  | 446392   | 19.51 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 240494   | 18.66 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

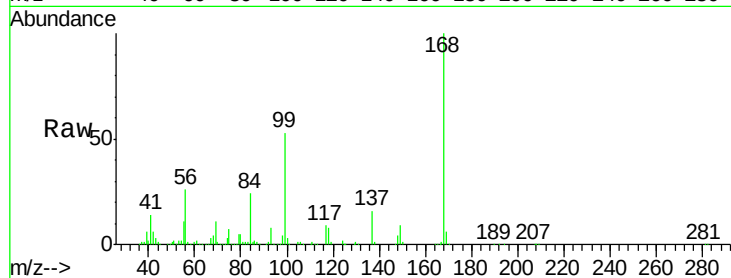
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 1291600

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

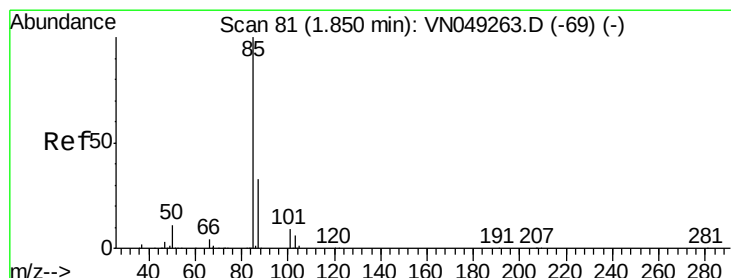
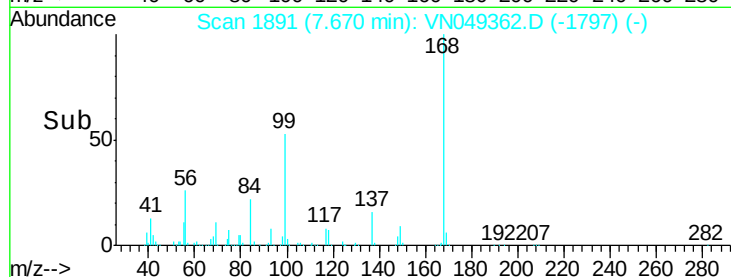
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.47 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049362.D

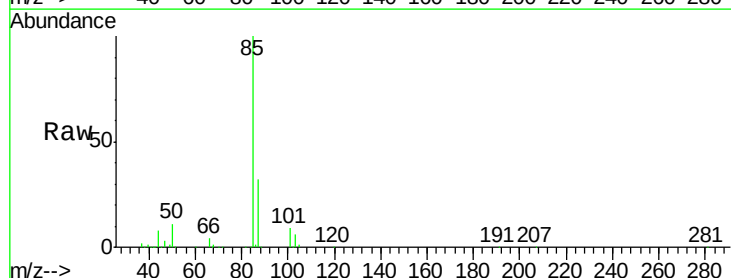
Acq: 19 Jun 2018 00:14

Tgt Ion: 85 Resp: 274631

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

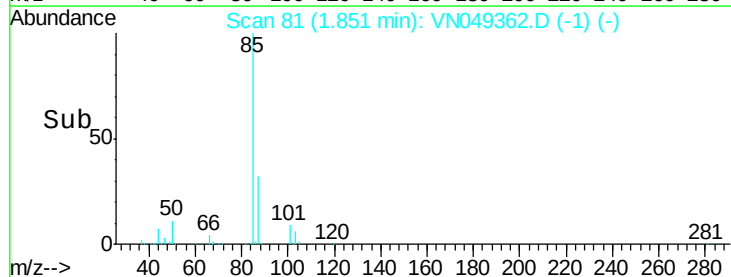
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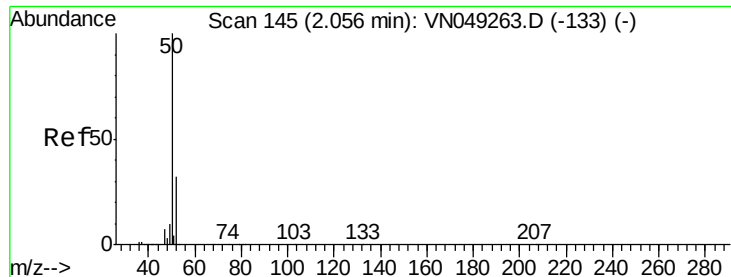
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.27 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

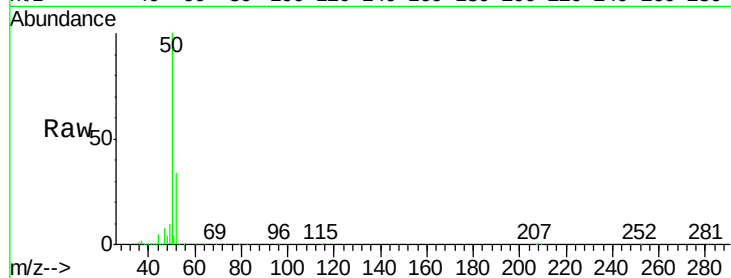
ClientSampleId :

Tot Ion: 50 Resp: 350777

Ion Ratio Lower Upper

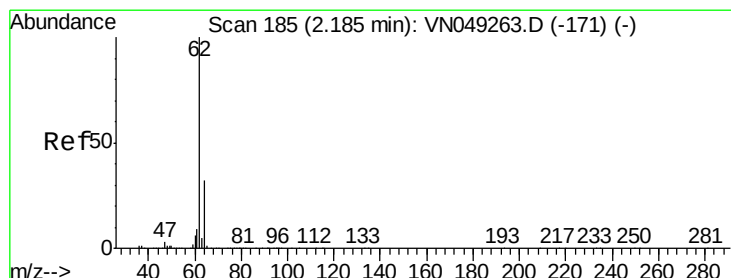
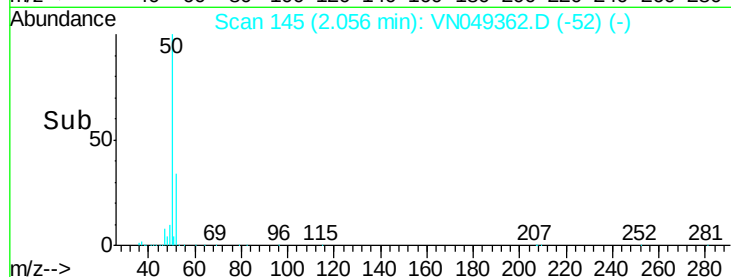
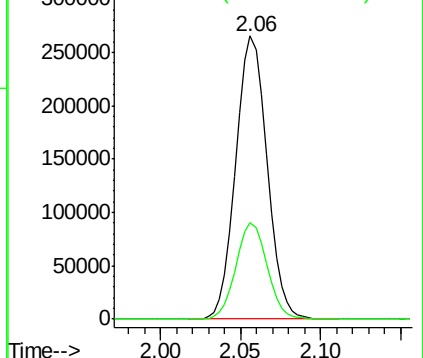
50 100

52 34.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.22 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049362.D

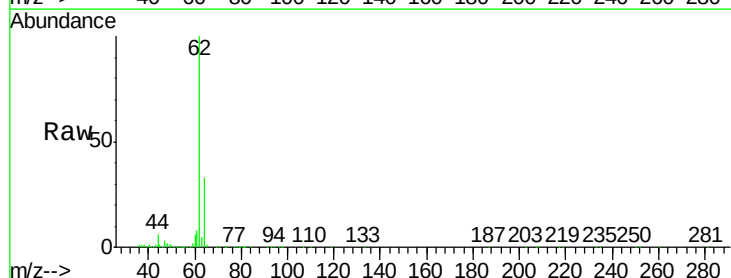
Acq: 19 Jun 2018 00:14

Tgt Ion: 62 Resp: 392078

Ion Ratio Lower Upper

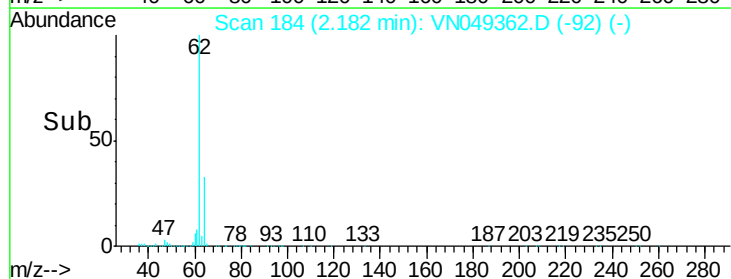
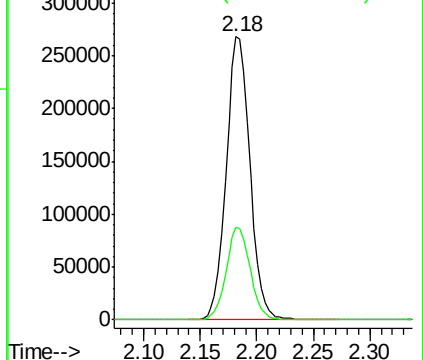
62 100

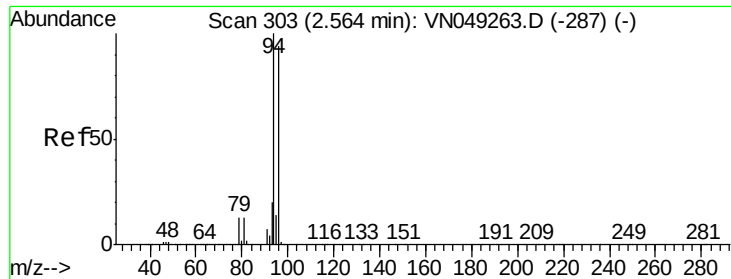
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.44 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

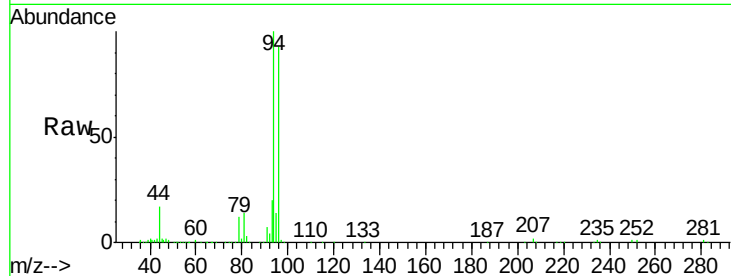
ClientSampled :

Tot Ion: 94 Resp: 187021

Ion Ratio Lower Upper

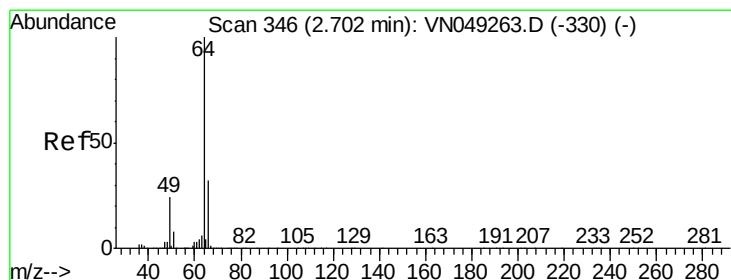
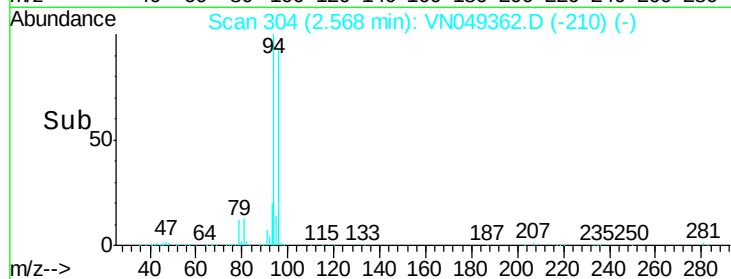
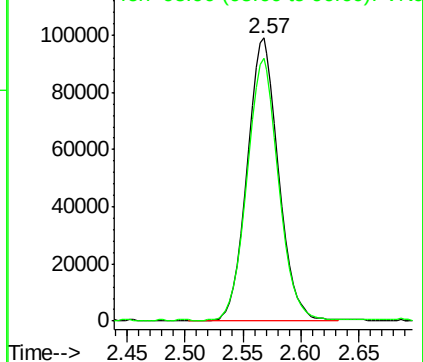
94 100

96 92.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.24 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049362.D

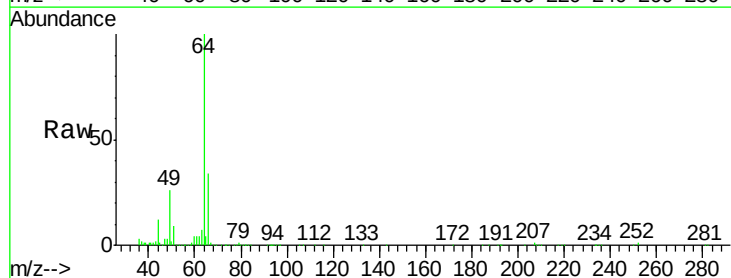
Acq: 19 Jun 2018 00:14

Tgt Ion: 64 Resp: 246157

Ion Ratio Lower Upper

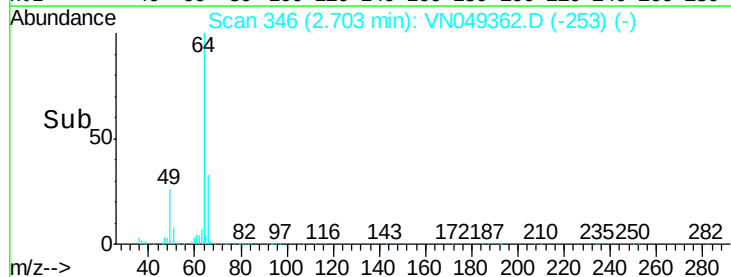
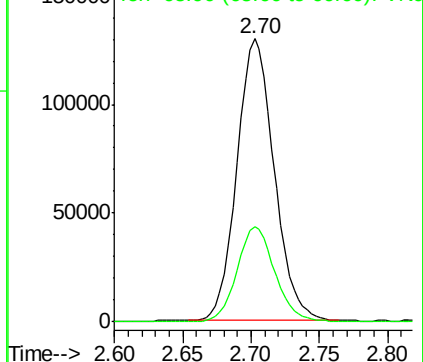
64 100

66 33.4 25.6 38.4

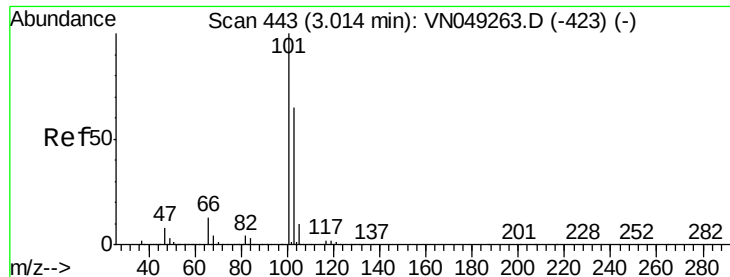


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





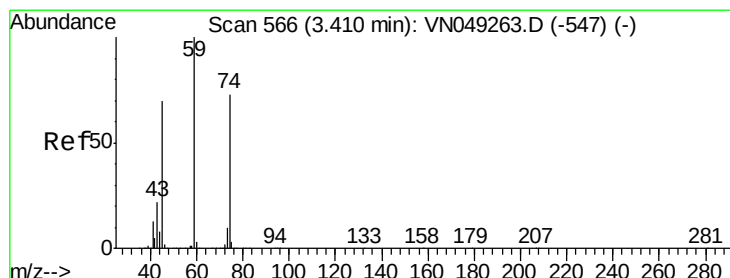
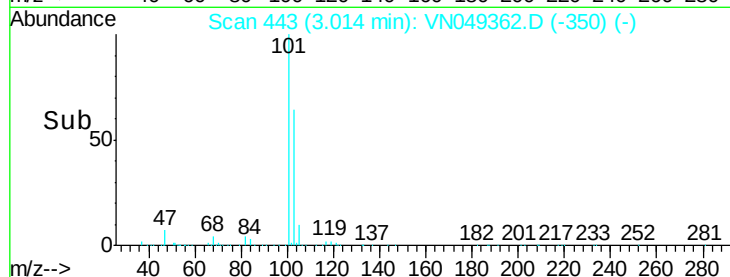
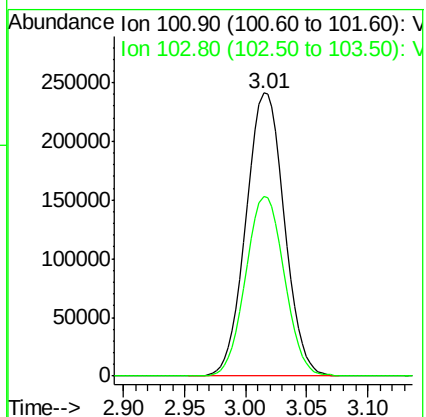
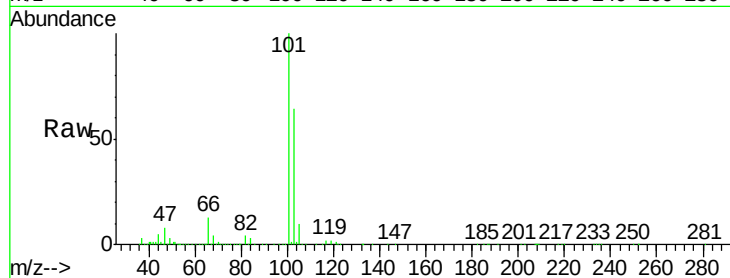


#7

Trichlorofluoromethane  
Concen: 20.65 ug/l  
RT: 3.01 min Scan# 443  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Instrument :  
MSVOA\_N  
ClientSampled :

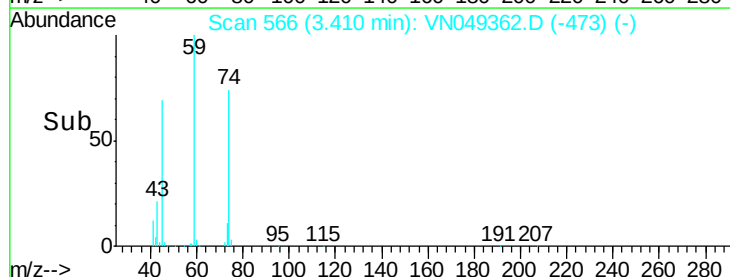
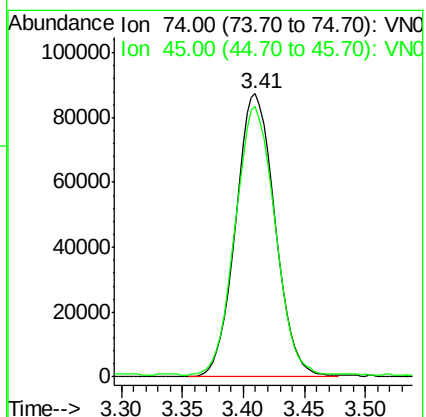
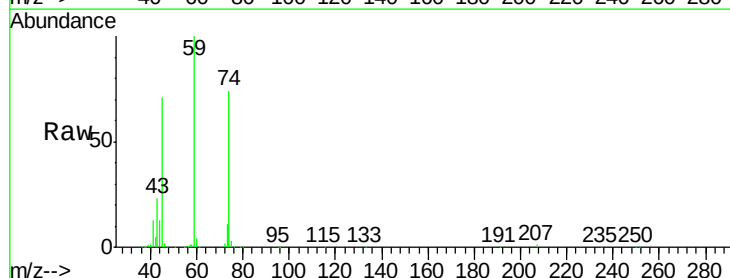
Tot Ion:101 Resp: 525473  
Ion Ratio Lower Upper  
101 100  
103 63.4 51.7 77.5



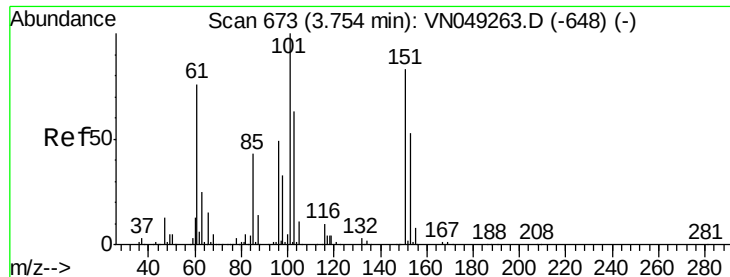
#8

Diethyl Ether  
Concen: 21.94 ug/l  
RT: 3.41 min Scan# 566  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Tgt Ion: 74 Resp: 194950  
Ion Ratio Lower Upper  
74 100  
45 95.4 51.9 155.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.39 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampled :

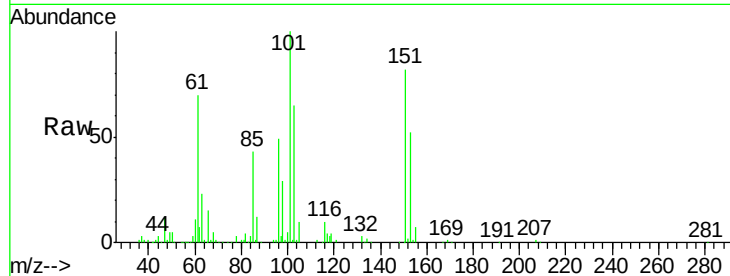
Tot Ion:101 Resp: 329100

Ion Ratio Lower Upper

101 100

85 42.3 37.6 56.4

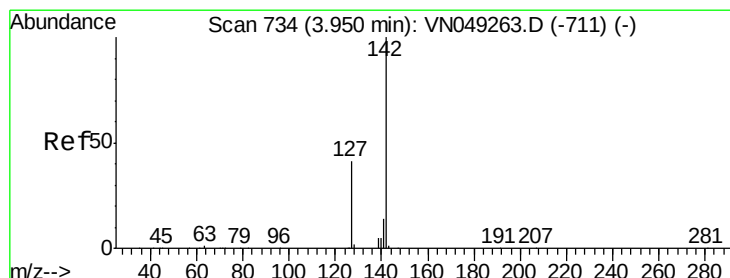
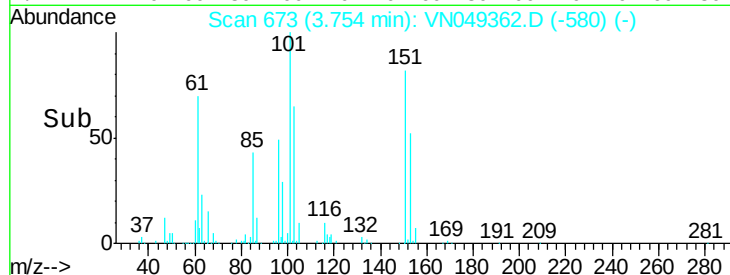
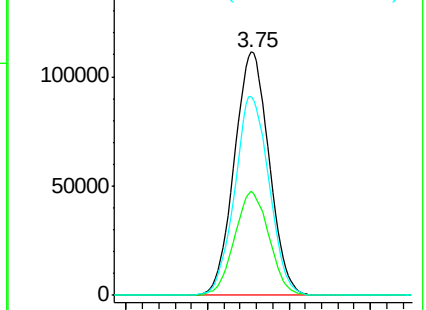
151 80.7 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.79 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

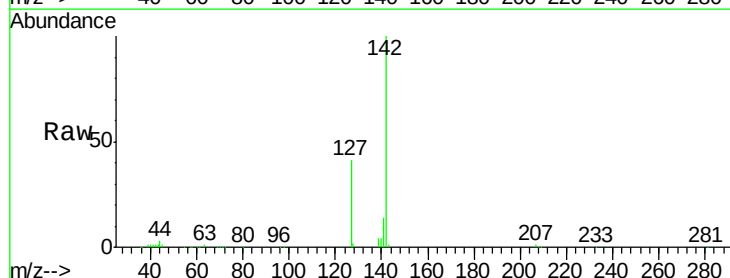
Tgt Ion:142 Resp: 282233

Ion Ratio Lower Upper

142 100

127 42.0 38.2 57.4

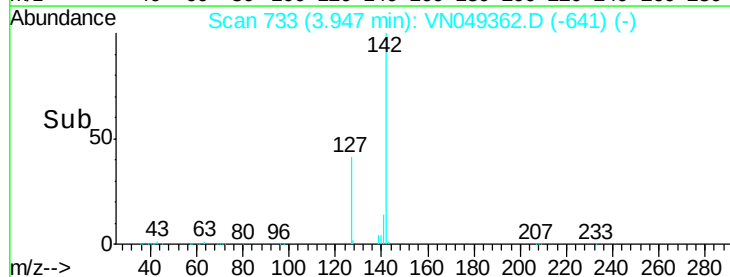
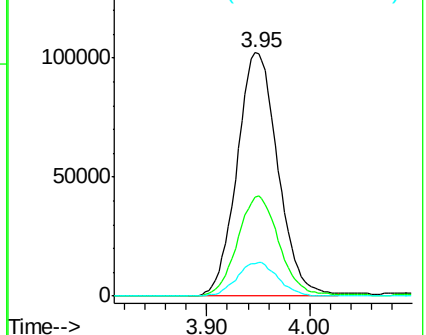
141 13.8 11.9 17.9

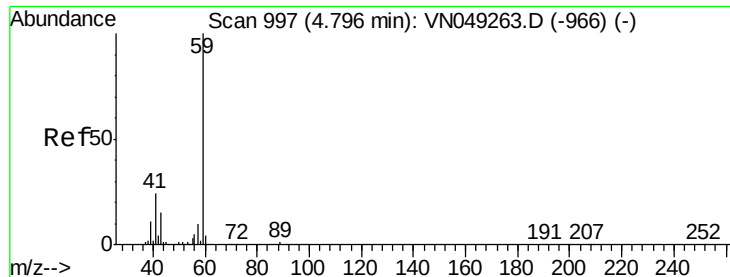


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 122.70 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.01 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

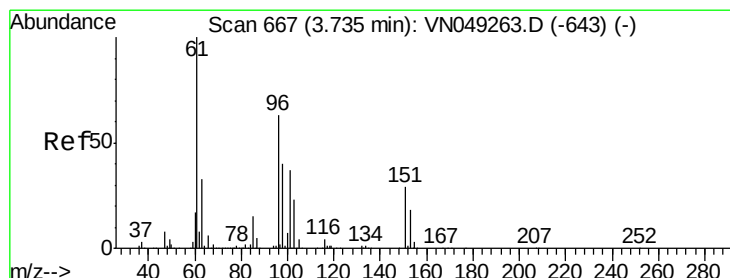
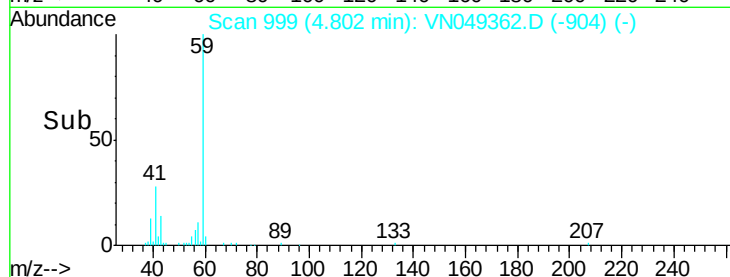
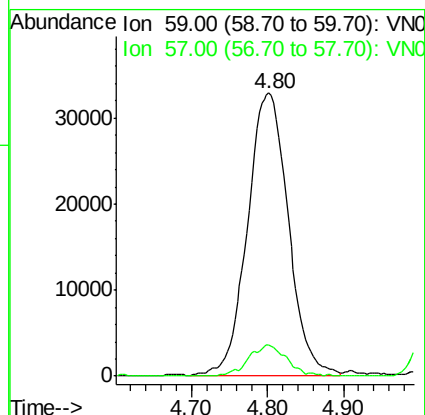
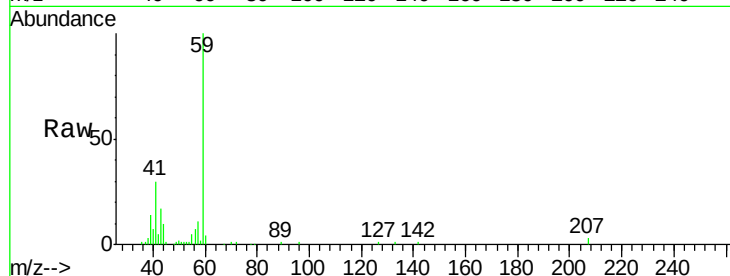
ClientSampleId :

Tot Ion: 59 Resp: 123366

Ion Ratio Lower Upper

59 100

57 10.0 9.0 13.6



#12

1,1-Dichloroethene

Concen: 20.35 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

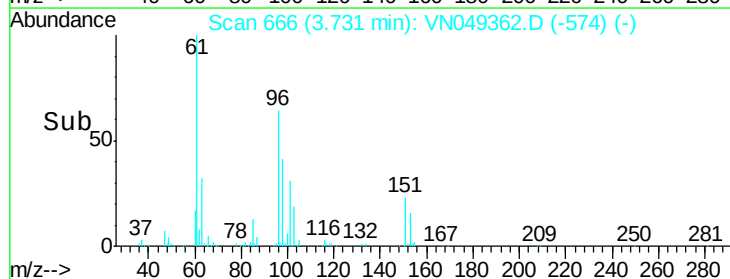
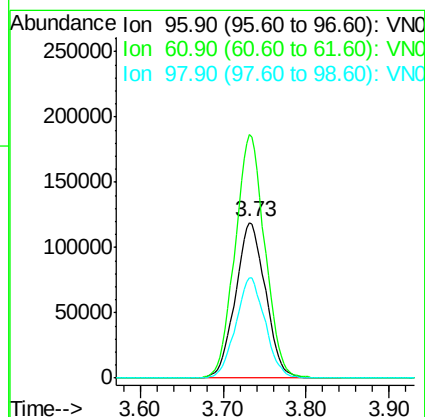
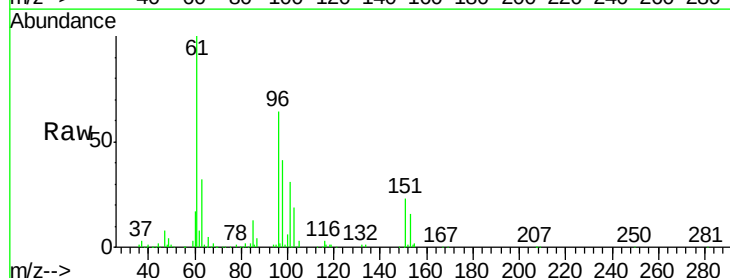
Tgt Ion: 96 Resp: 301377

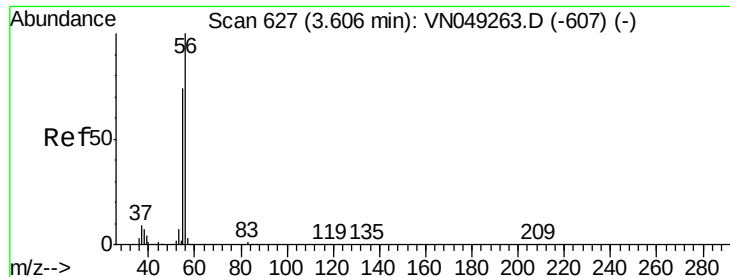
Ion Ratio Lower Upper

96 100

61 156.7 141.0 211.4

98 64.4 50.4 75.6





#13

Acrolein

Concen: 69.56 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

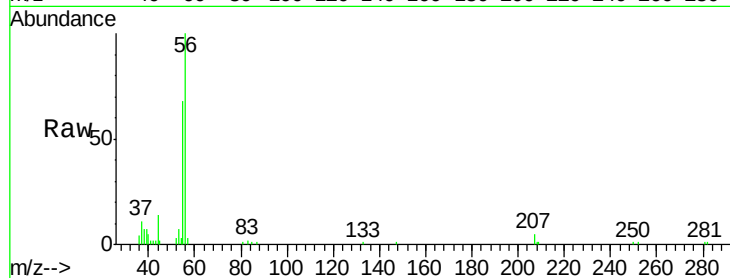
ClientSampleId :

Tot Ion: 56 Resp: 73348

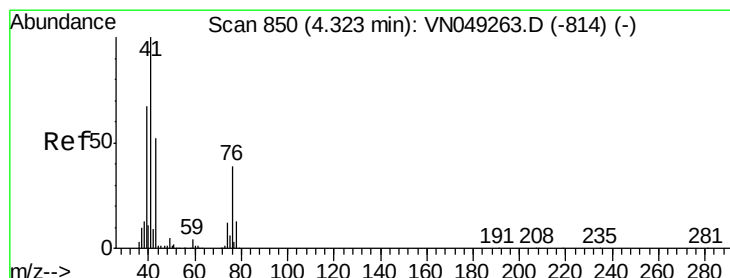
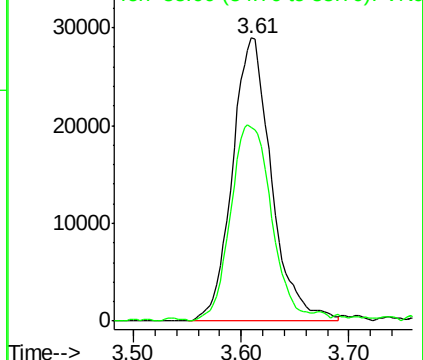
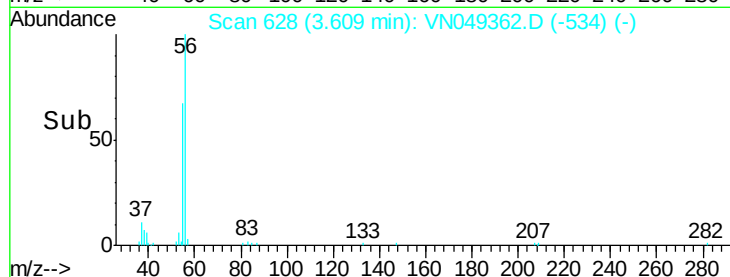
Ion Ratio Lower Upper

56 100

55 72.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN049362.D (-534) (-)



#14

Allyl chloride

Concen: 20.03 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

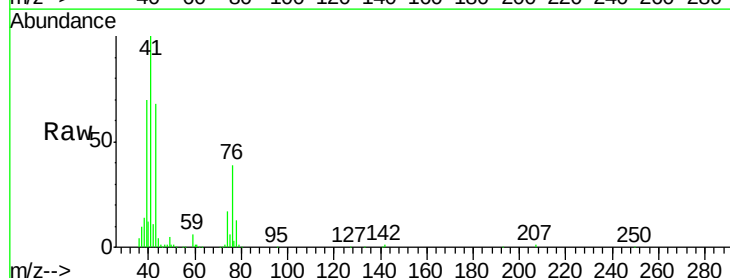
Tgt Ion: 41 Resp: 468258

Ion Ratio Lower Upper

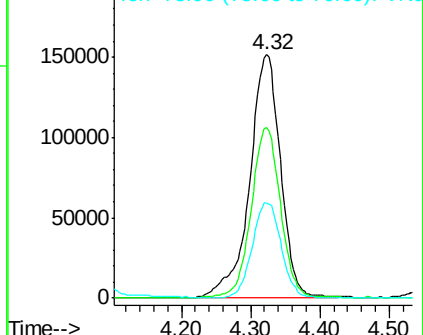
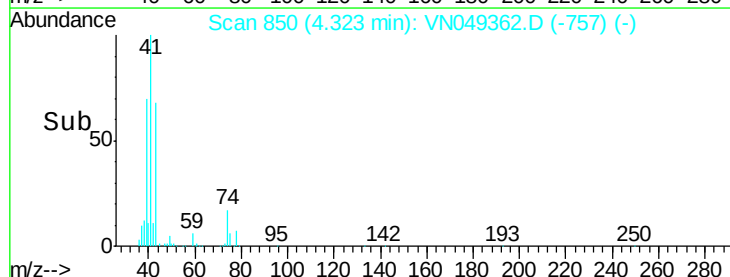
41 100

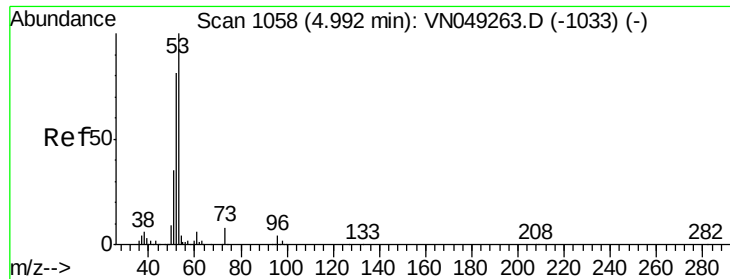
39 67.0 62.5 93.7

76 36.8 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN049362.D (-757) (-)





#15

Acrylonitrile

Concen: 114.07 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampleId :

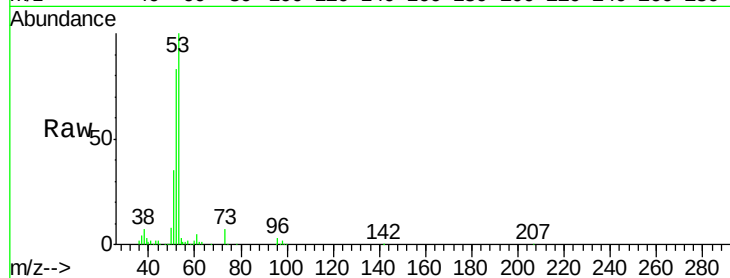
Tot Ion: 53 Resp: 573493

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

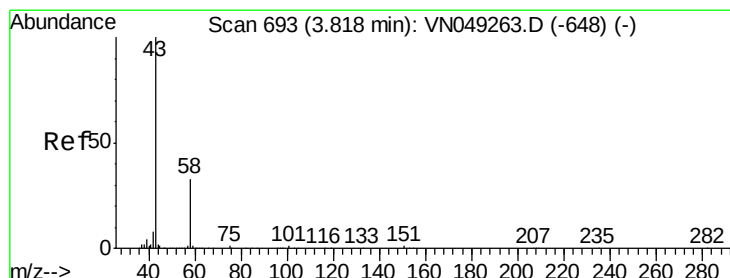
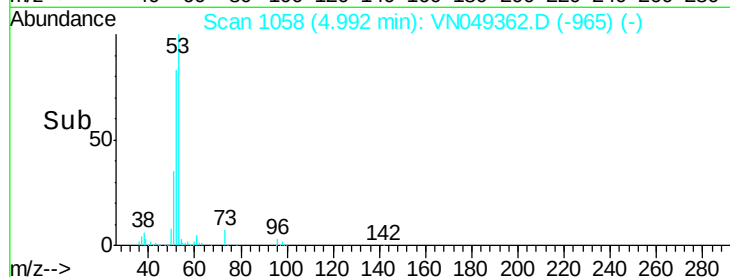
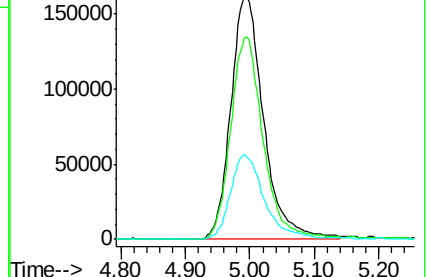
51 36.2 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN049362.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049362.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049362.D (-1033) (-)



#16

Acetone

Concen: 99.03 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049362.D

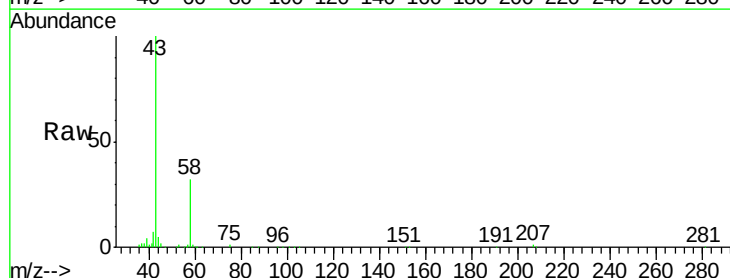
Acq: 19 Jun 2018 00:14

Tgt Ion: 43 Resp: 411930

Ion Ratio Lower Upper

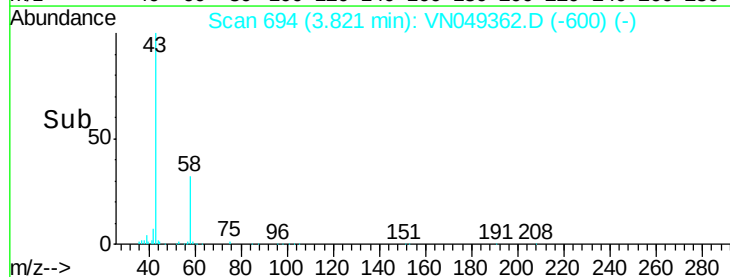
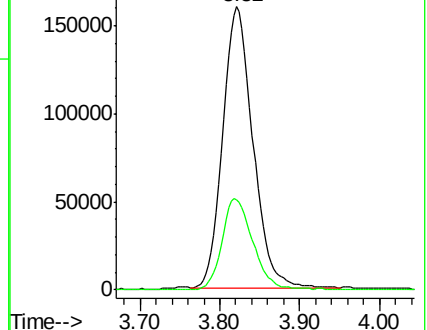
43 100

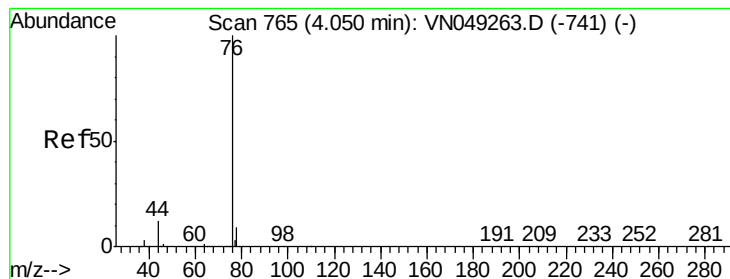
58 32.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049362.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049362.D (-600) (-)





#17

Carbon Disulfide

Concen: 17.78 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

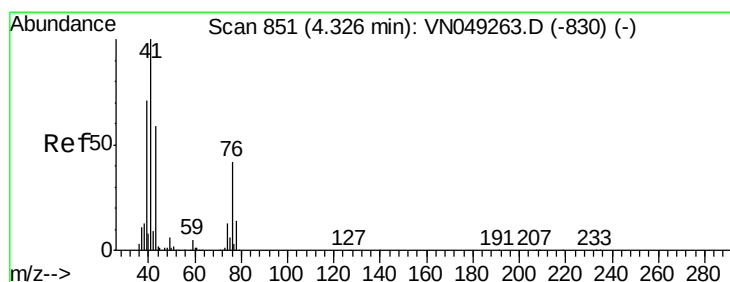
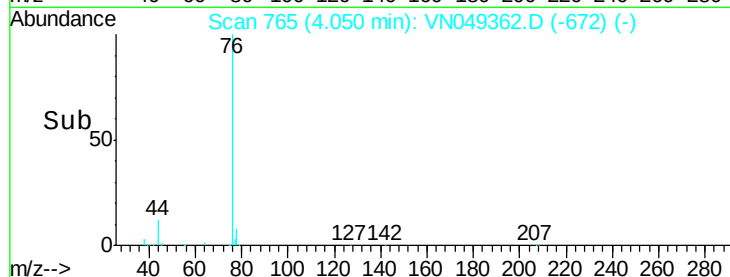
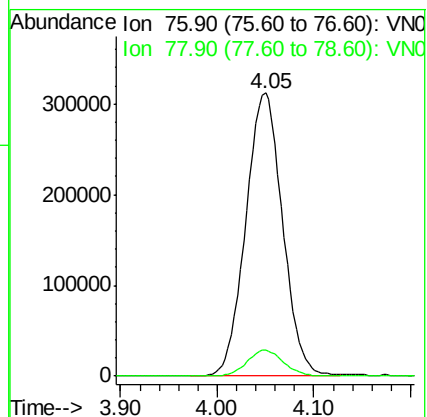
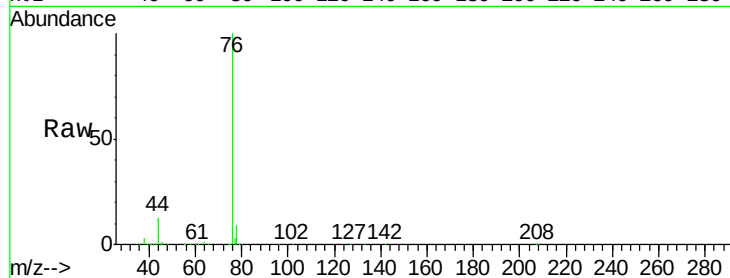
ClientSampleId :

Tot Ion: 76 Resp: 825165

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 25.25 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049362.D

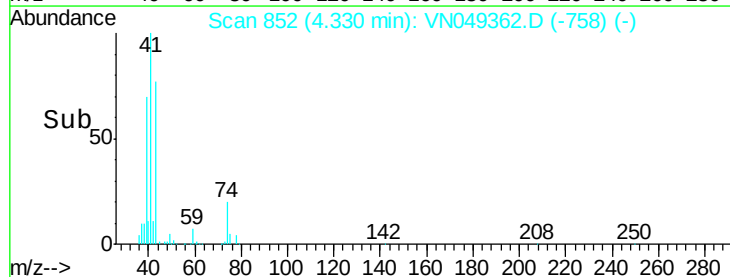
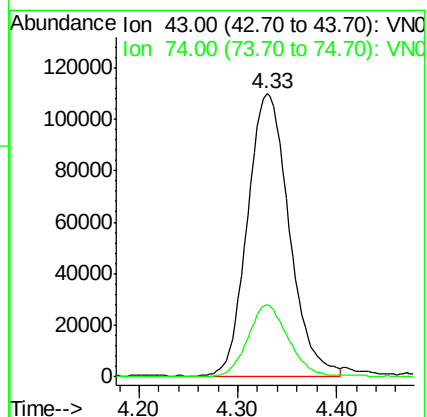
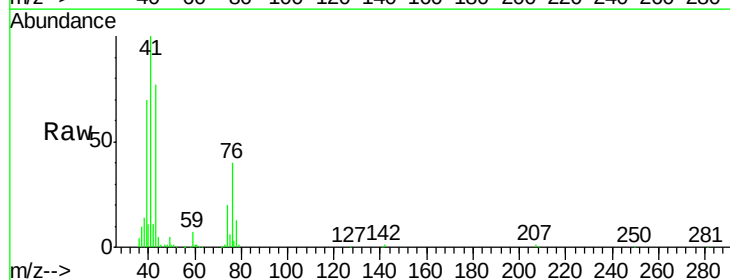
Acq: 19 Jun 2018 00:14

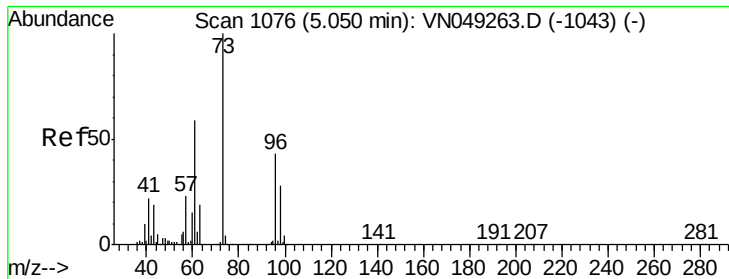
Tgt Ion: 43 Resp: 320207

Ion Ratio Lower Upper

43 100

74 24.7 17.4 26.0



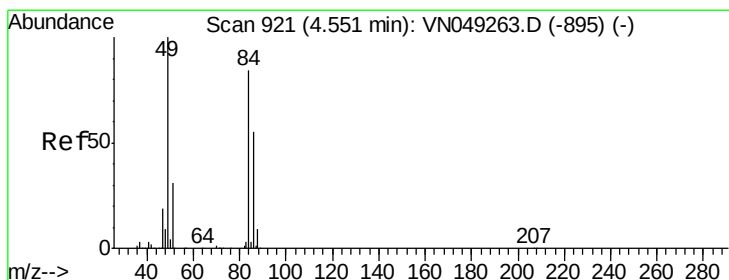
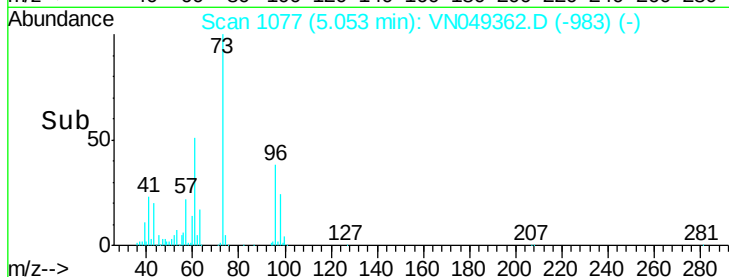
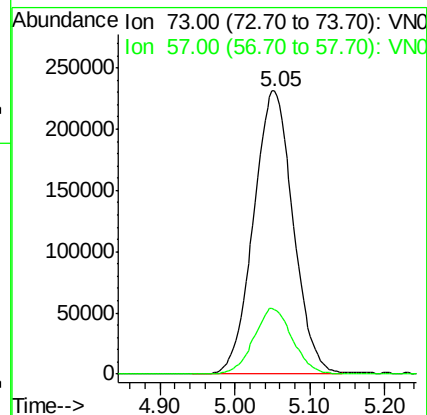
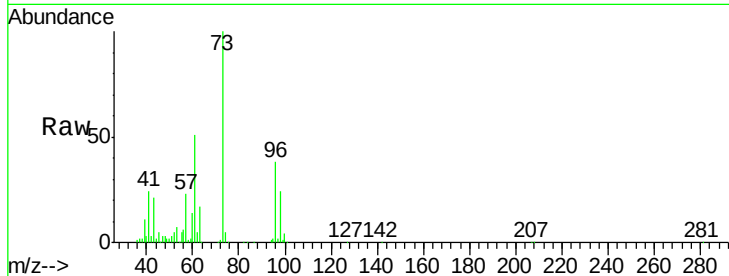


#19

Methyl tert-butyl Ether  
 Concen: 22.58 ug/l  
 RT: 5.05 min Scan# 1077  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Instrument :  
 MSVOA\_N  
 ClientSampled :

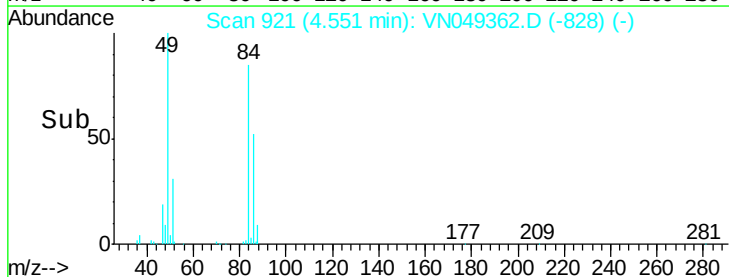
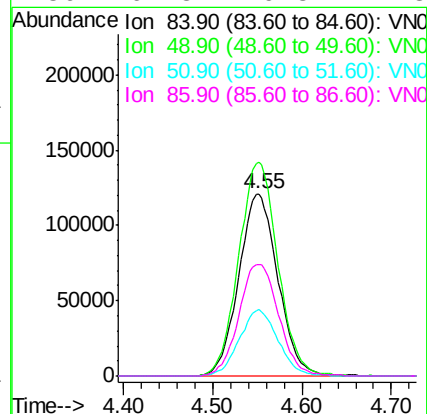
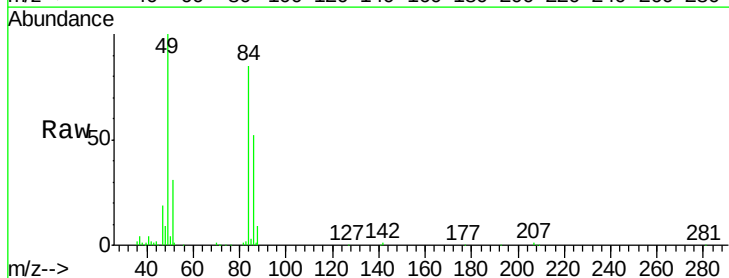
Tot Ion: 73 Resp: 852667  
 Ion Ratio Lower Upper  
 73 100  
 57 22.7 18.2 27.4

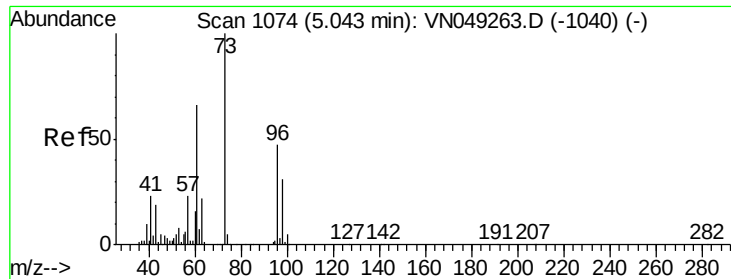


#20

Methylene Chloride  
 Concen: 21.20 ug/l  
 RT: 4.55 min Scan# 921  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Tgt Ion: 84 Resp: 368264  
 Ion Ratio Lower Upper  
 84 100  
 49 117.1 106.9 160.3  
 51 36.3 32.7 49.1  
 86 61.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.29 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

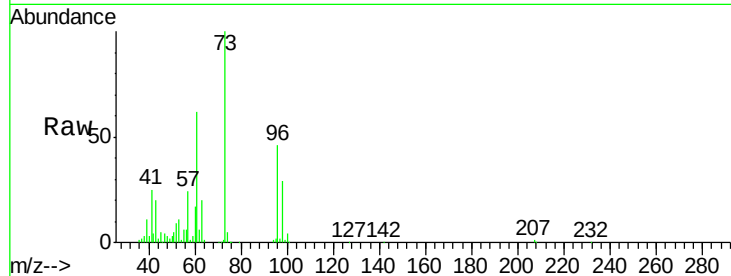
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 96 Resp: 318133

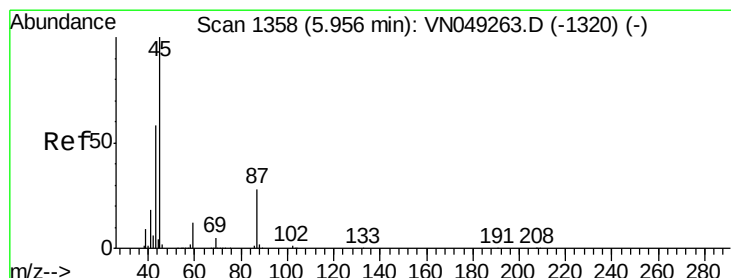
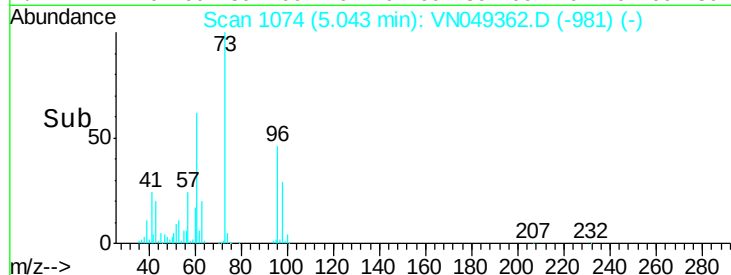
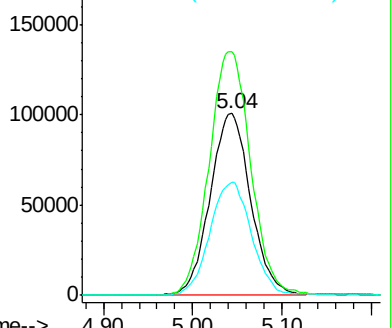
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.8 | 121.3 | 181.9 |
| 98  | 62.1  | 52.0  | 78.0  |



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 22.14 ug/l

RT: 5.96 min Scan# 1358

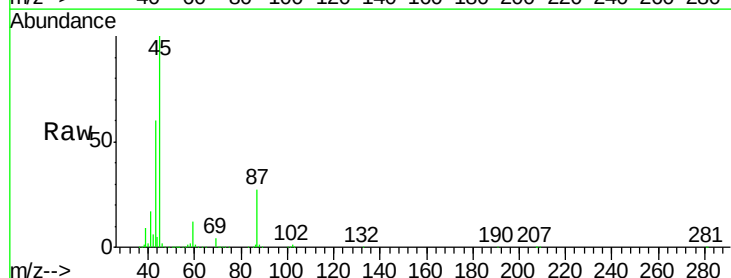
Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Tgt Ion: 45 Resp: 1033767

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 59.2  | 48.6  | 72.8  |
| 87  | 26.9  | 20.2  | 30.2  |
| 59  | 11.8  | 9.0   | 13.4  |

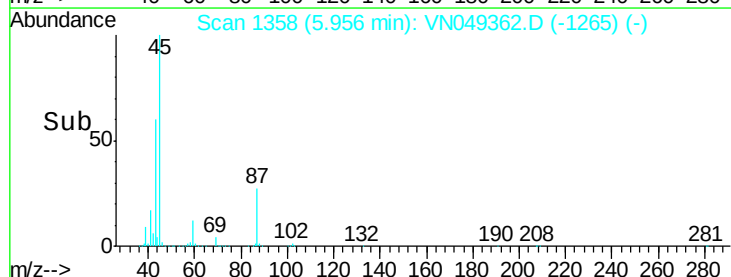
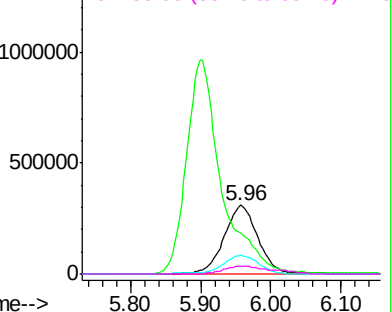


Abundance Ion 45.00 (44.70 to 45.70): VN0

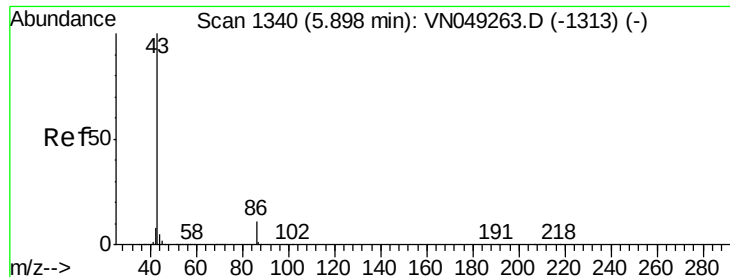
Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0







#23

Vinyl Acetate

Concen: 109.68 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

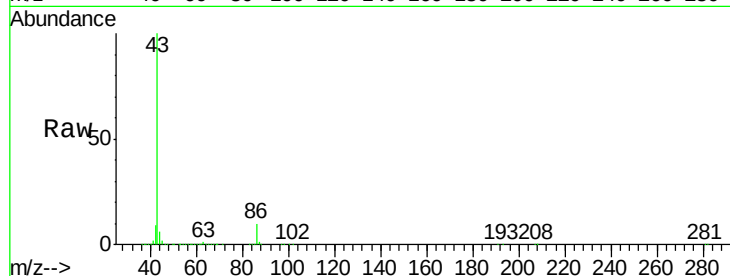
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 3338936

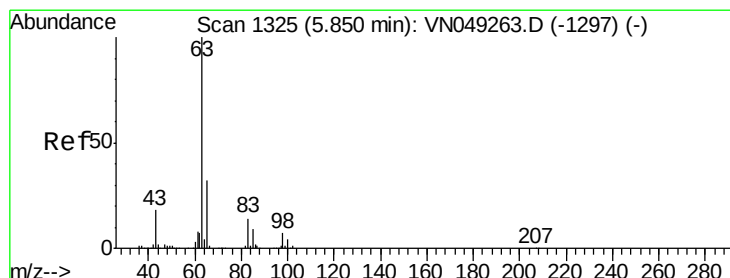
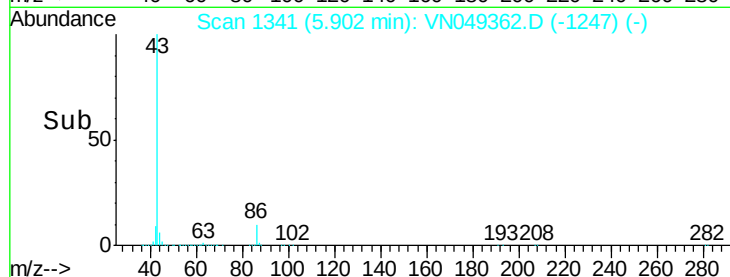
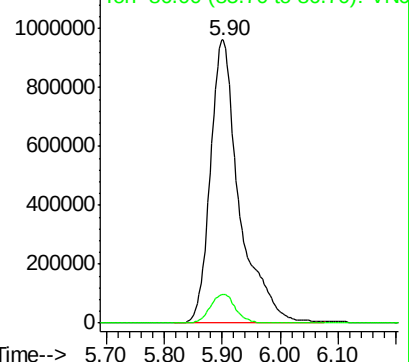
Ion Ratio Lower Upper

43 100

86 10.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049362.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 21.06 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

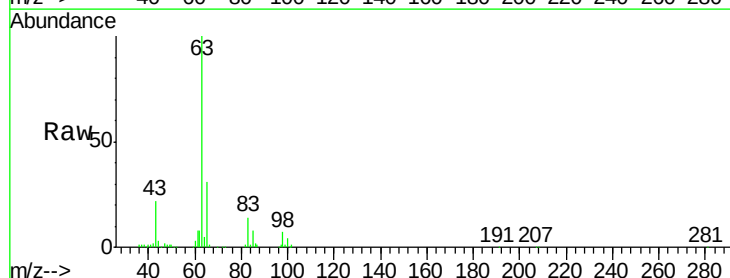
Tgt Ion: 63 Resp: 629576

Ion Ratio Lower Upper

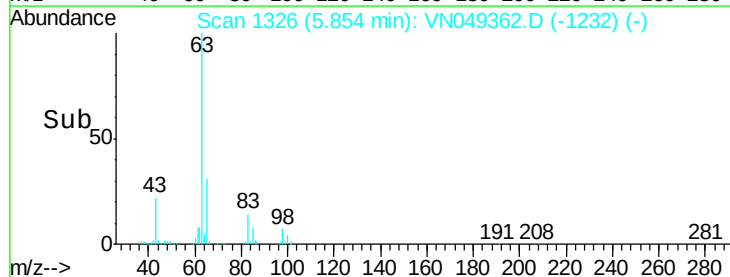
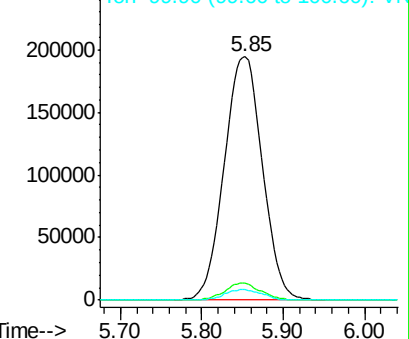
63 100

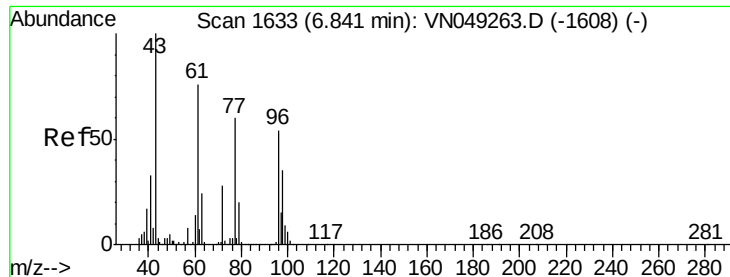
98 6.9 2.9 8.8

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049362.D (-1232) (-)





#25

2-Butanone

Concen: 111.97 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

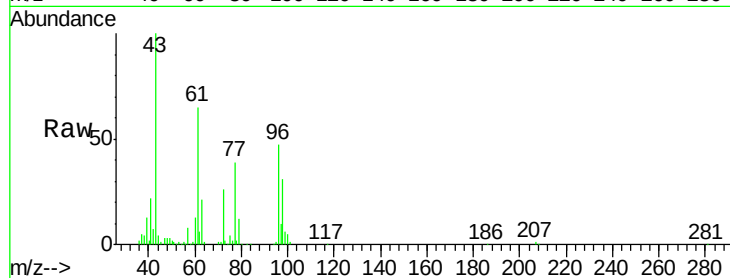
ClientSampled :

Tot Ion: 43 Resp: 625394

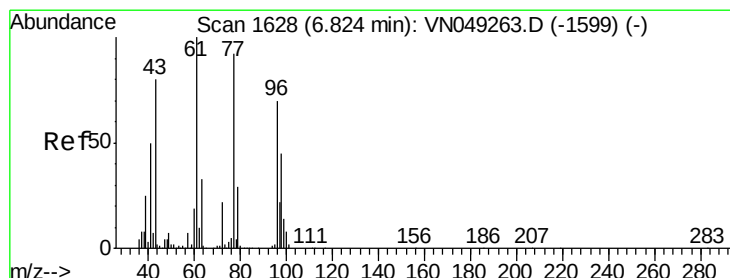
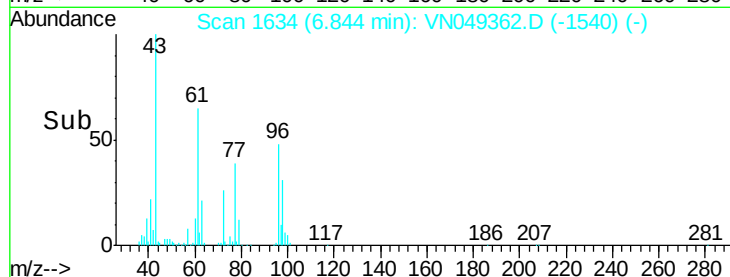
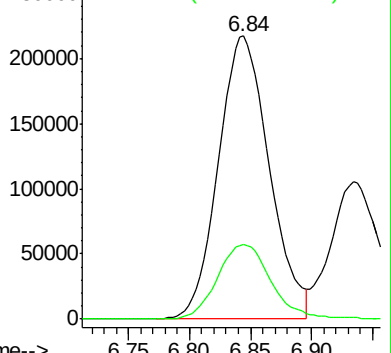
Ion Ratio Lower Upper

43 100

72 26.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049362.D (-1540) (-)



#26

2,2-Dichloropropane

Concen: 15.58 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049362.D

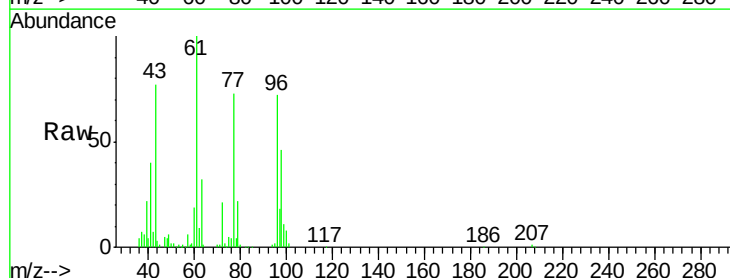
Acq: 19 Jun 2018 00:14

Tgt Ion: 77 Resp: 376039

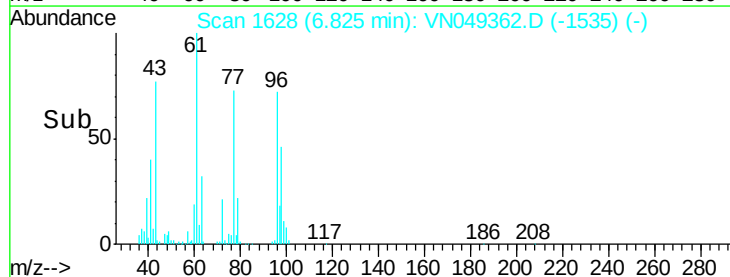
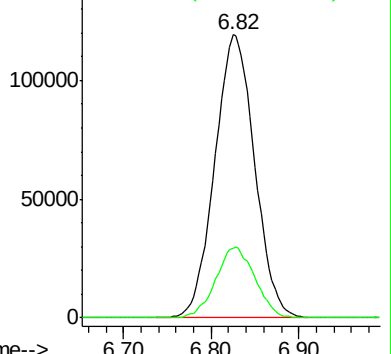
Ion Ratio Lower Upper

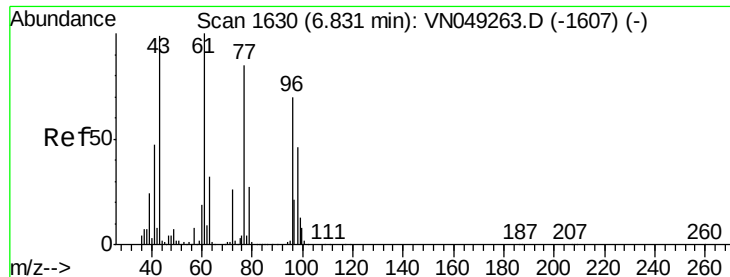
77 100

97 24.7 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN049362.D (-1535) (-)





#27

cis-1,2-Dichloroethene

Concen: 21.40 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :  
MSVOA\_N  
ClientSampleId :

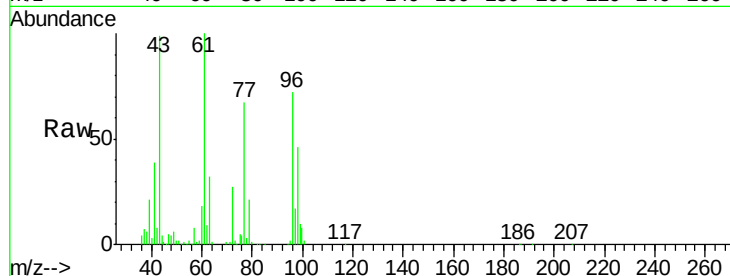
Tot Ion: 96 Resp: 372996

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 137.1 | 0.0   | 316.4 |
| 98  | 62.8  | 0.0   | 128.4 |

96 100

61 137.1 0.0 316.4

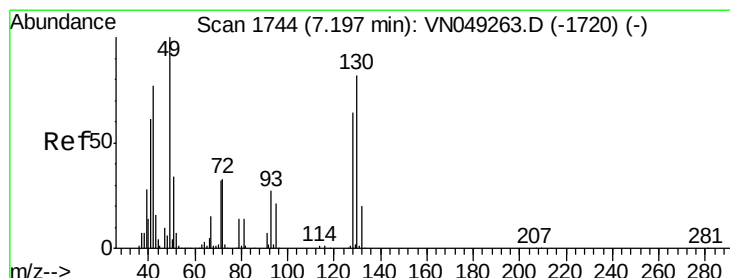
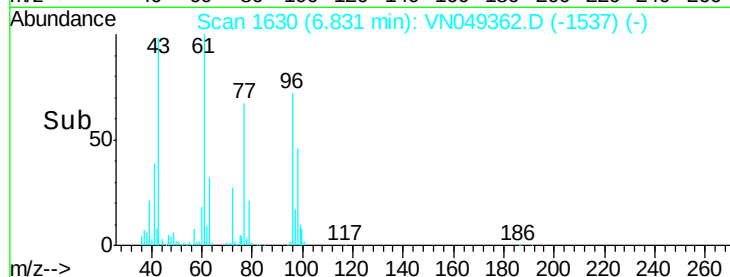
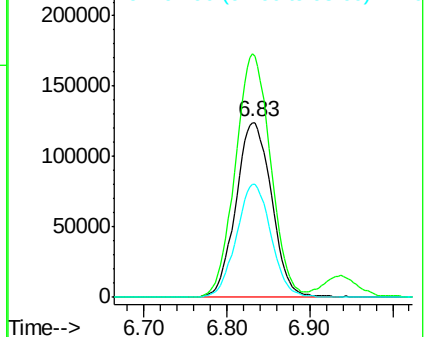
98 62.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049362.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049362.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049362.D (-1537) (-)



#28

Bromochloromethane

Concen: 21.49 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

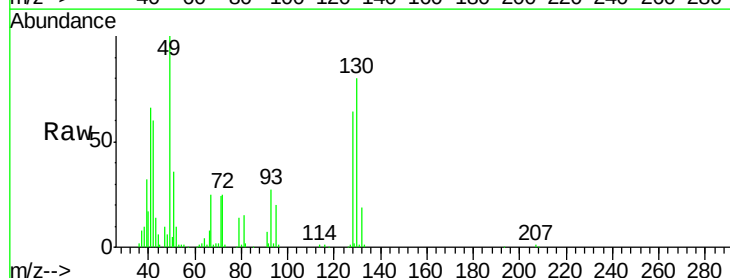
Tgt Ion: 49 Resp: 284771

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.9   | 0.0   | 3.8   |
| 130 | 82.7  | 54.9  | 82.3# |

49 100

129 1.9 0.0 3.8

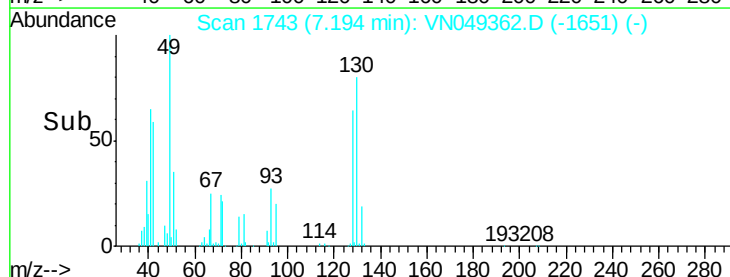
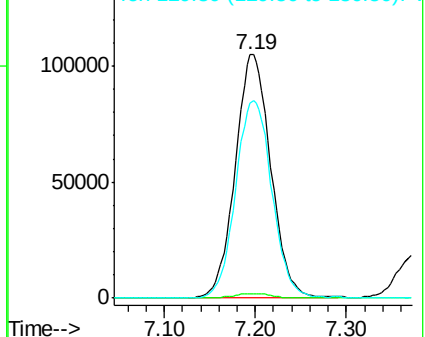
130 82.7 54.9 82.3#

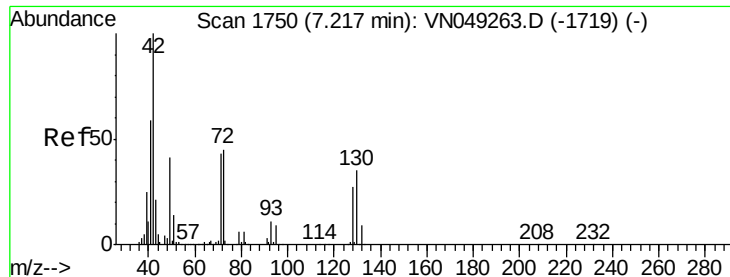


Abundance Ion 48.90 (48.60 to 49.60): VN049362.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049362.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049362.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 116.08 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :  
MSVOA\_N  
ClientSampleId :

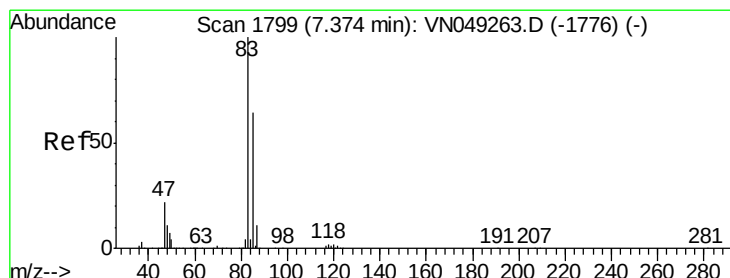
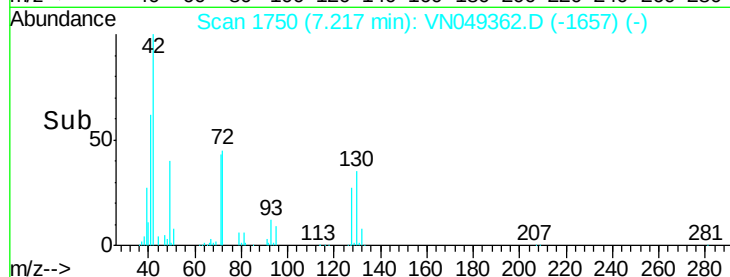
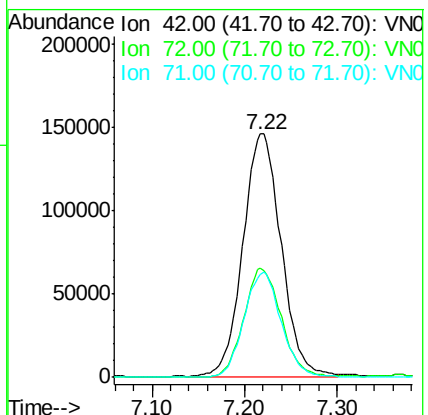
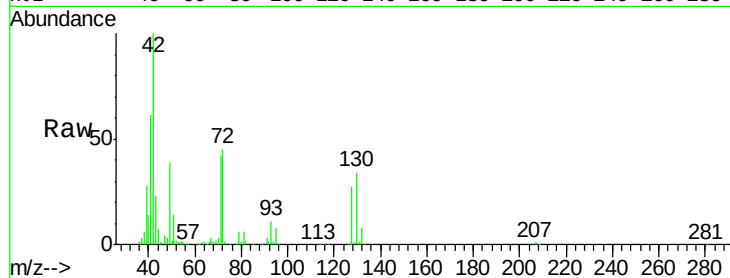
Tot Ion: 42 Resp: 417340

Ion Ratio Lower Upper

42 100

72 44.6 32.2 48.4

71 42.3 30.5 45.7



#30

Chloroform

Concen: 21.58 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049362.D

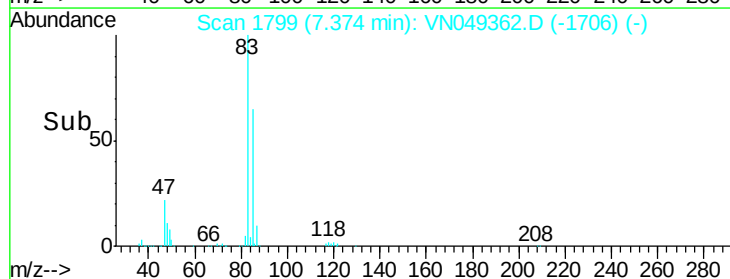
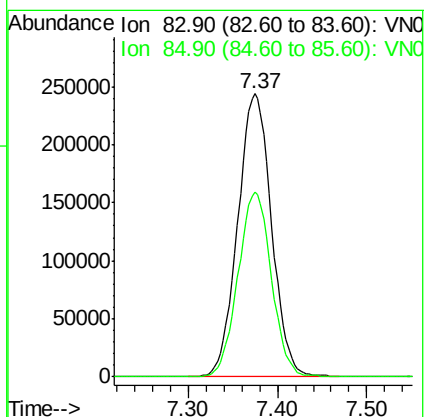
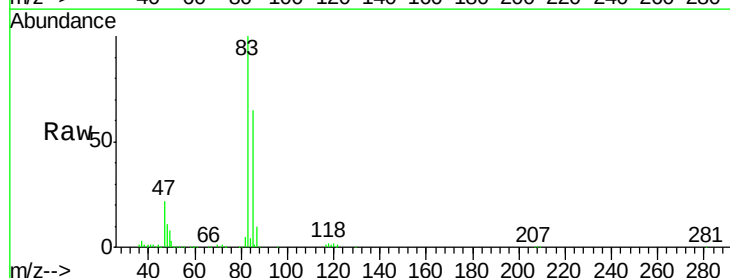
Acq: 19 Jun 2018 00:14

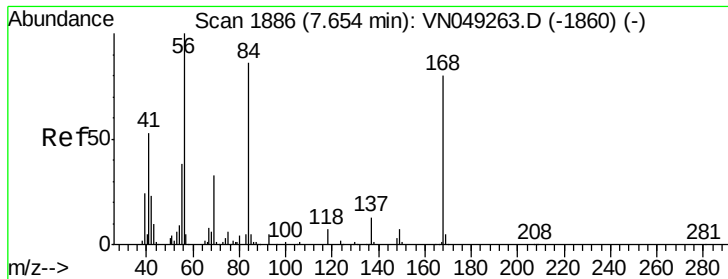
Tgt Ion: 83 Resp: 641773

Ion Ratio Lower Upper

83 100

85 65.4 51.7 77.5

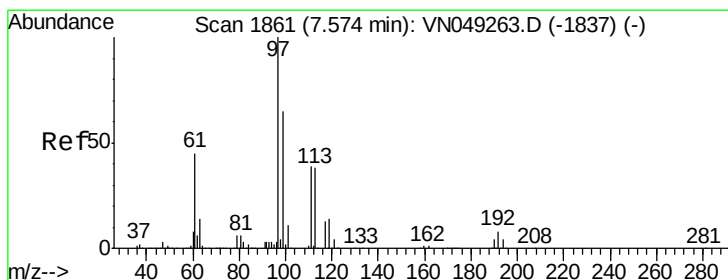
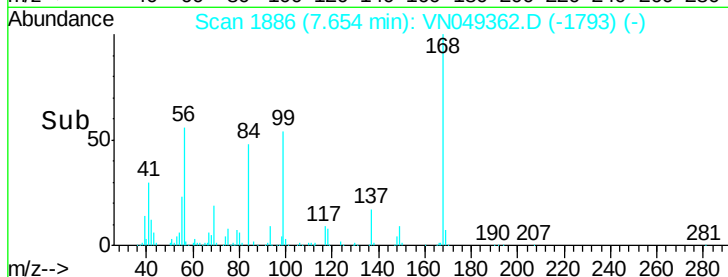
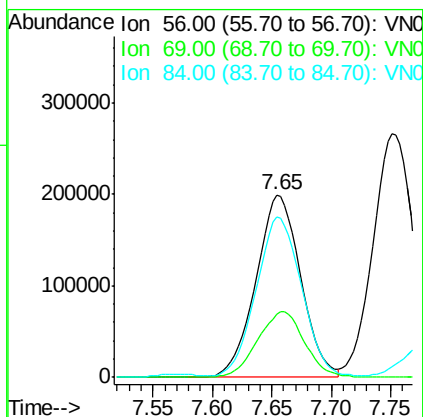
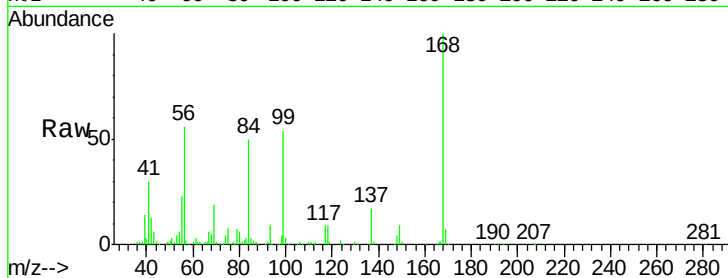




#31  
Cyclohexane  
Concen: 20.38 ug/l  
RT: 7.65 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

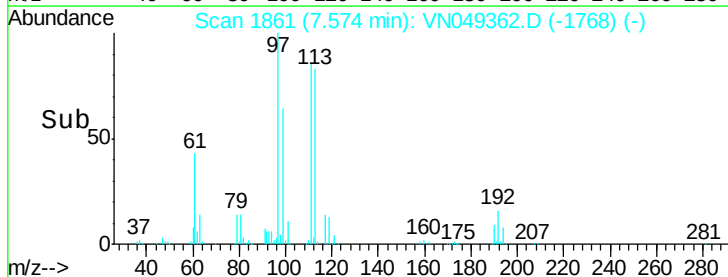
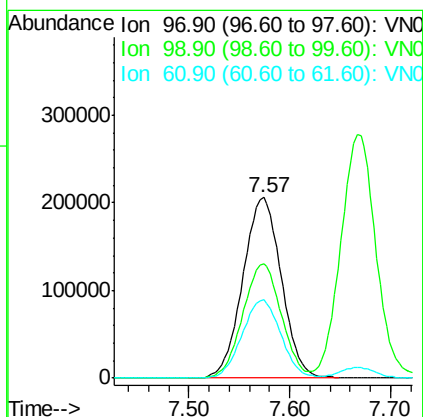
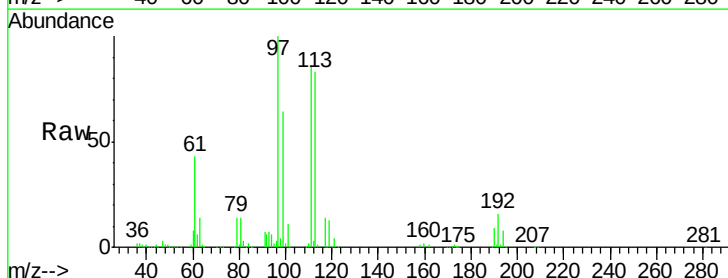
Instrument :  
MSVOA\_N  
ClientSampled :

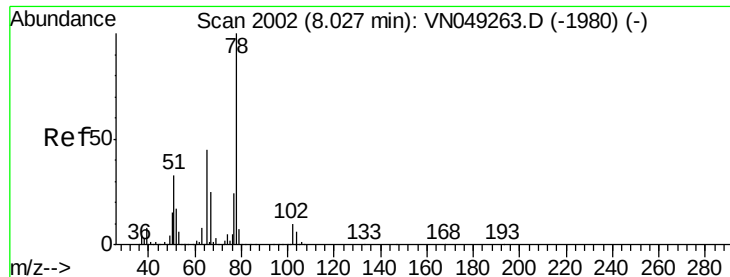
| Tot Ion   | 56    | Resp  | 518999 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 34.5  | 25.0  | 37.4   |
| 84        | 86.6  | 64.6  | 96.8   |



#32  
1,1,1-Trichloroethane  
Concen: 21.49 ug/l  
RT: 7.57 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

| Tgt Ion   | 97    | Resp  | 545455 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.3  | 50.5  | 75.7   |
| 61        | 43.6  | 37.9  | 56.9   |

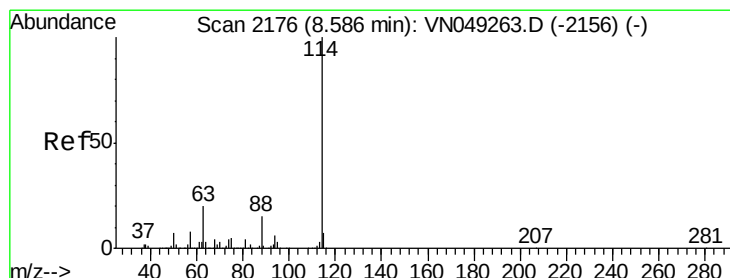
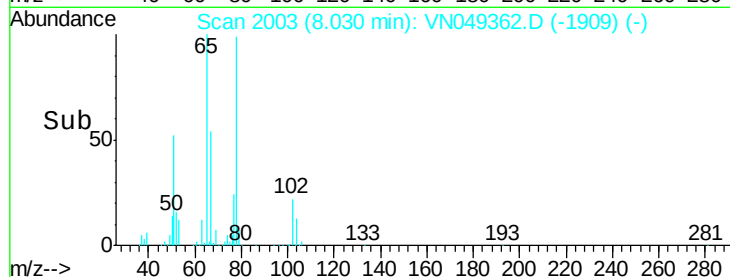
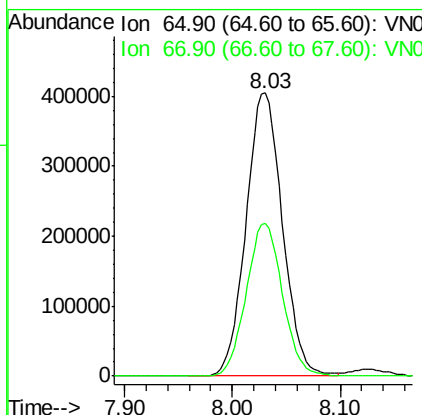
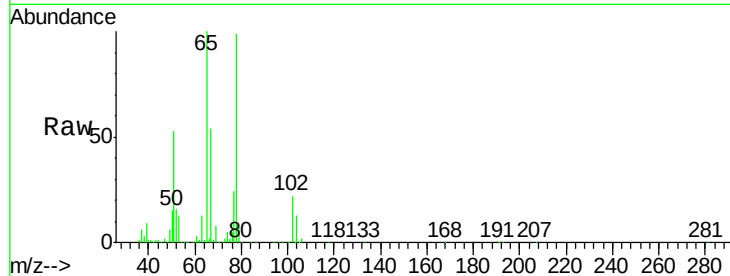




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.41 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

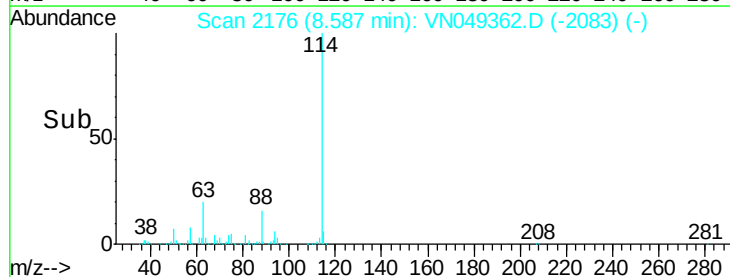
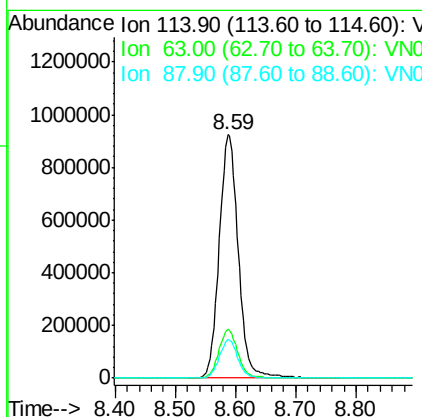
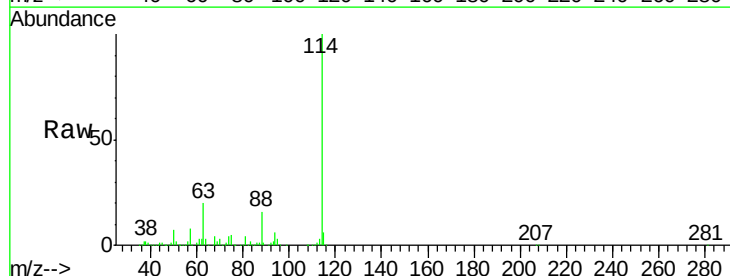
Instrument :  
 MSVOA\_N  
 ClientSampleId :

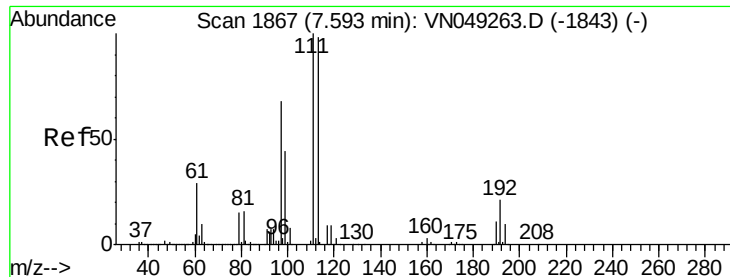
Tot Ion: 65 Resp: 949229  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Tgt Ion: 114 Resp: 2006957  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 44.4  
 88 15.8 0.0 31.4

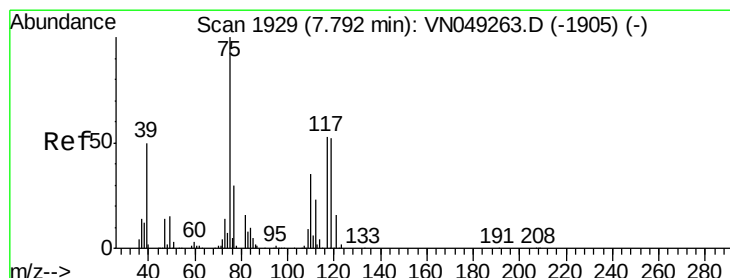
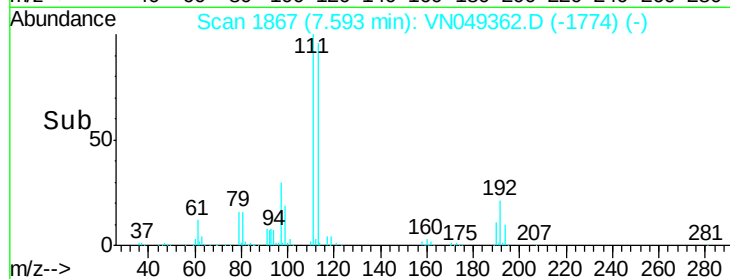
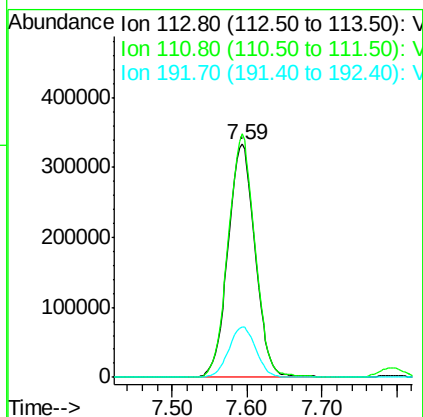
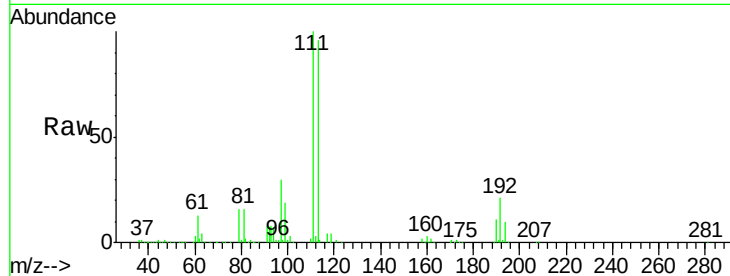




#35  
 Dibromofluoromethane  
 Concen: 51.73 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

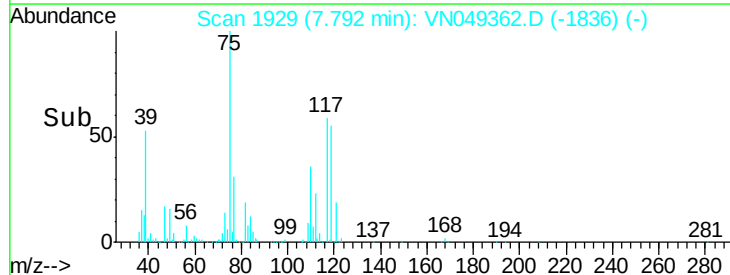
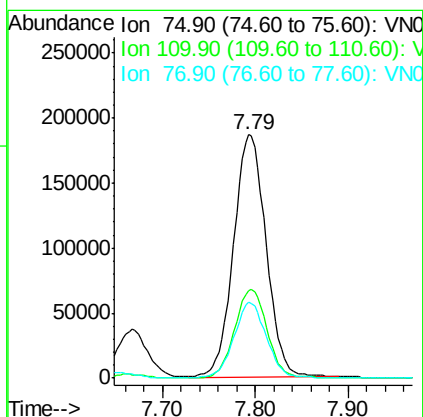
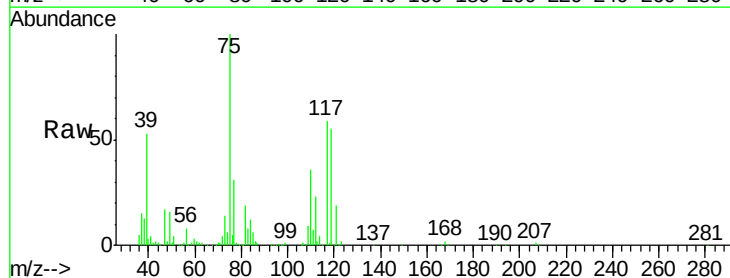
Instrument :  
 MSVOA\_N  
 ClientSampleId :

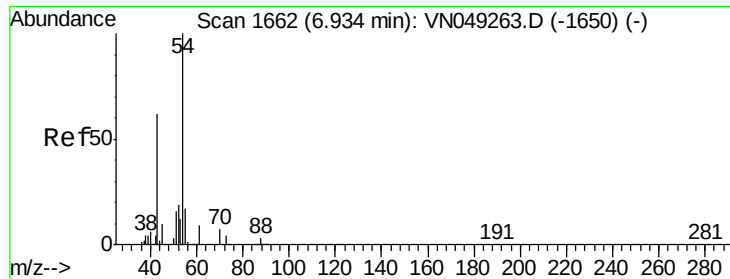
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.9 | 82.4  | 123.6 |
| 192     | 21.8  | 15.0  | 22.6  |



#36  
 1,1-Dichloropropene  
 Concen: 19.76 ug/l  
 RT: 7.79 min Scan# 1929  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.4  | 17.0  | 50.9  |
| 77      | 31.2  | 24.4  | 36.6  |

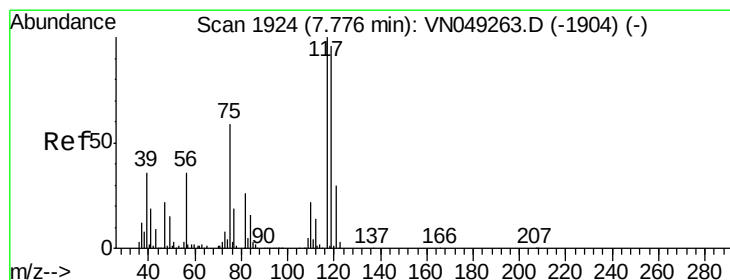
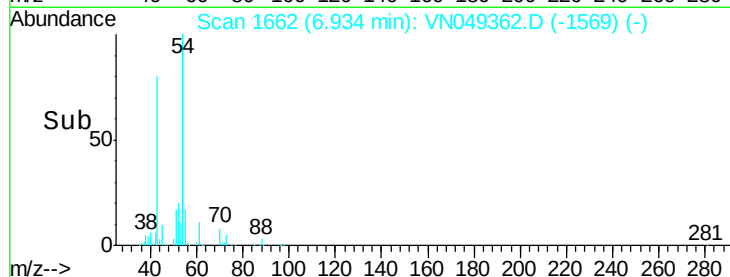
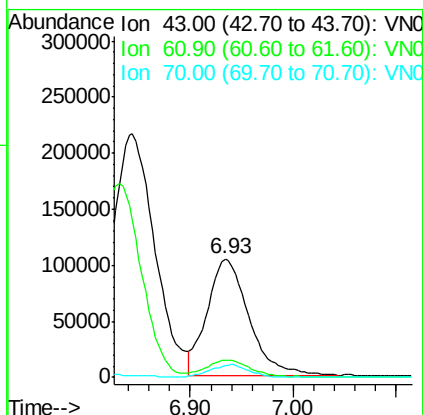
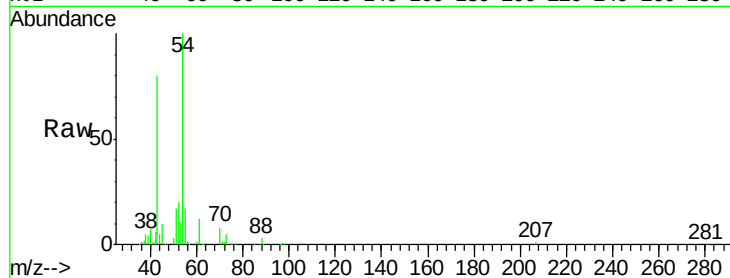




#37  
Ethyl Acetate  
Concen: 23.49 ug/l  
RT: 6.93 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

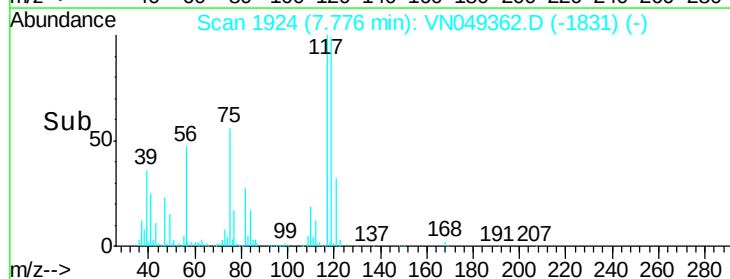
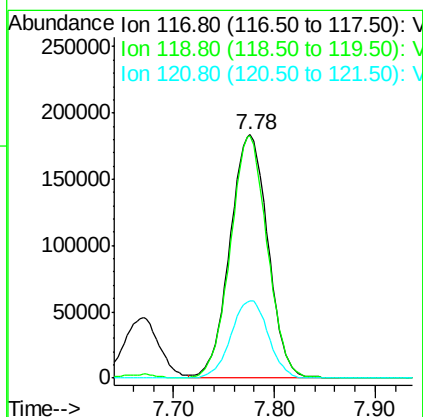
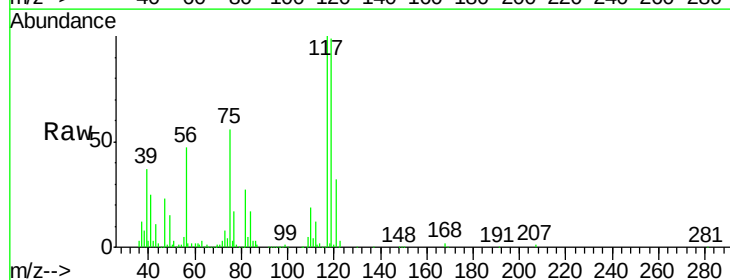
Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.0  | 16.4  |
| 70      | 10.6  | 7.2   | 10.8  |

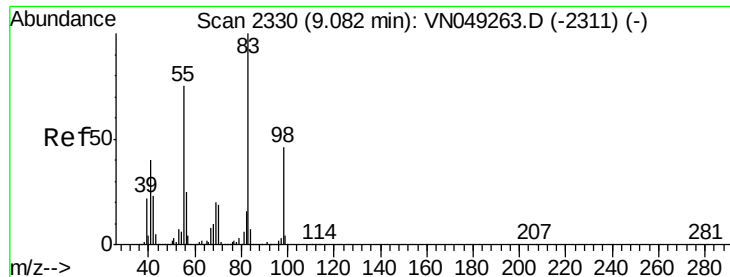


#38  
Carbon Tetrachloride  
Concen: 19.98 ug/l  
RT: 7.78 min Scan# 1924  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.5  | 75.6  | 113.4 |
| 121     | 31.8  | 24.7  | 37.1  |



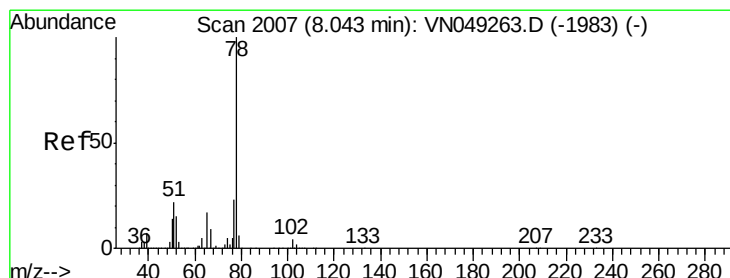
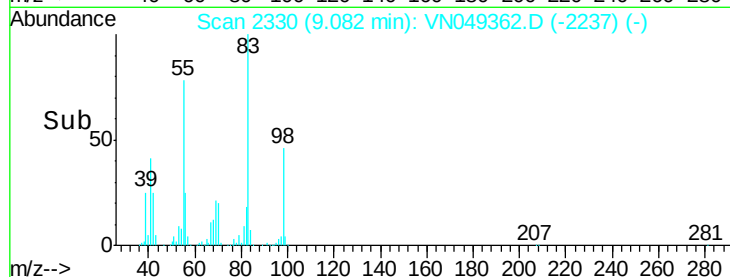
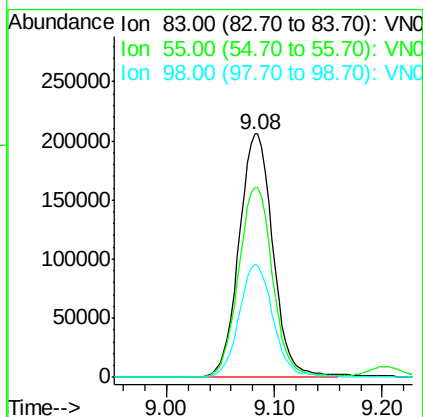
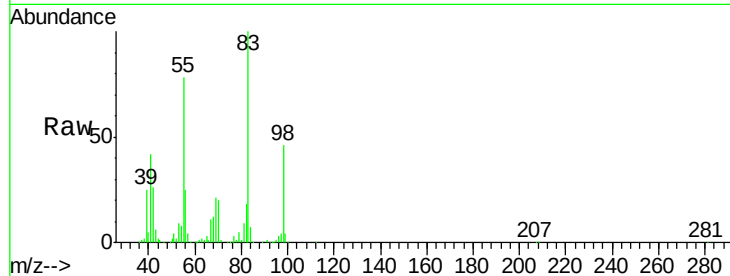




#39  
Methylvlcyclohexane  
Concen: 18.25 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

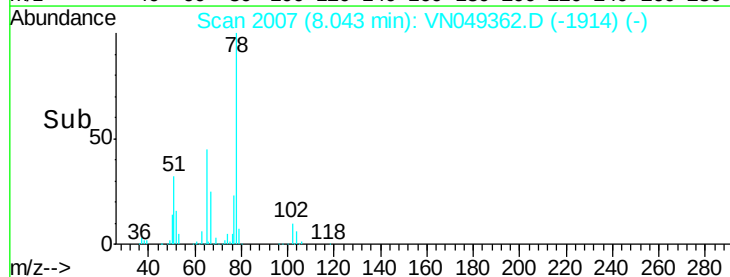
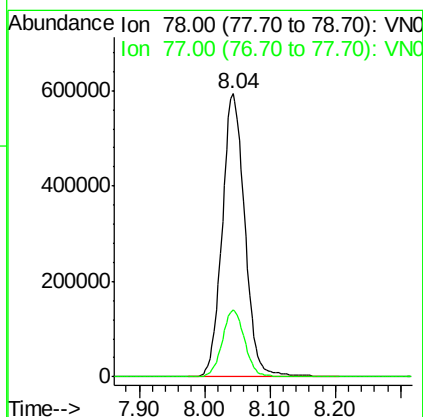
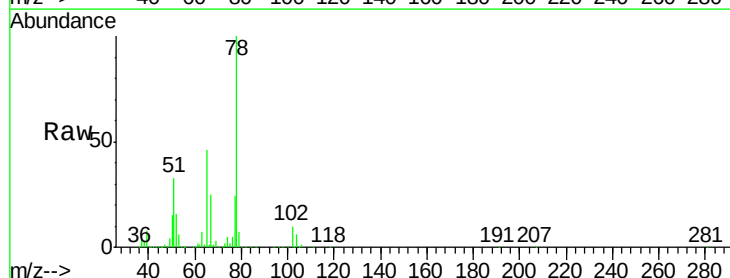
Instrument :  
MSVOA\_N  
ClientSampled :

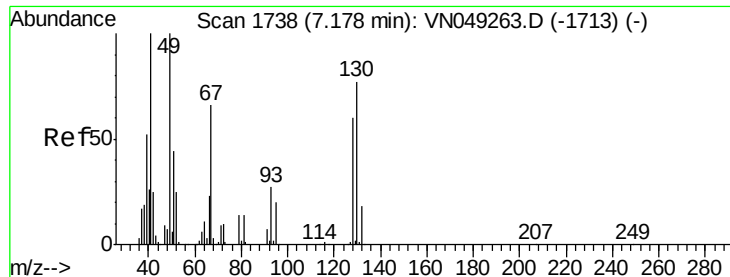
Tot Ion: 83 Resp: 450490  
Ion Ratio Lower Upper  
83 100  
55 77.9 65.1 97.7  
98 46.4 36.5 54.7



#40  
Benzene  
Concen: 20.27 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Tgt Ion: 78 Resp: 1429347  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.4 29.0

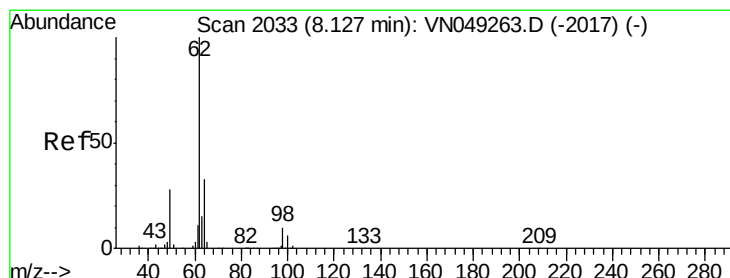
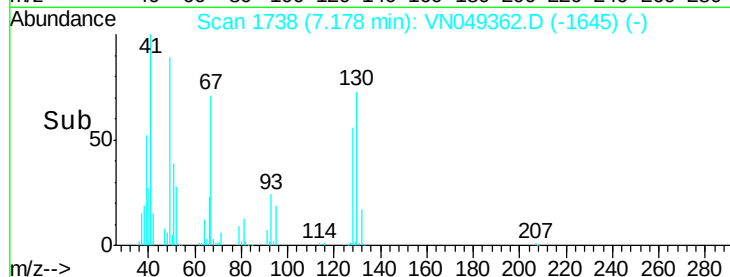
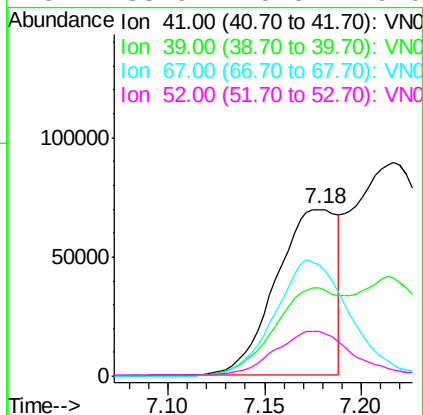
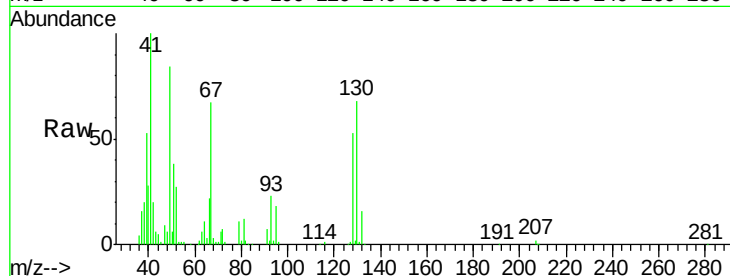




#41  
Methacrylonitrile  
Concen: 22.68 ug/l  
RT: 7.18 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

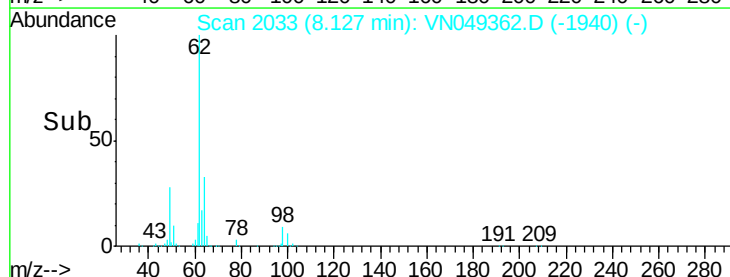
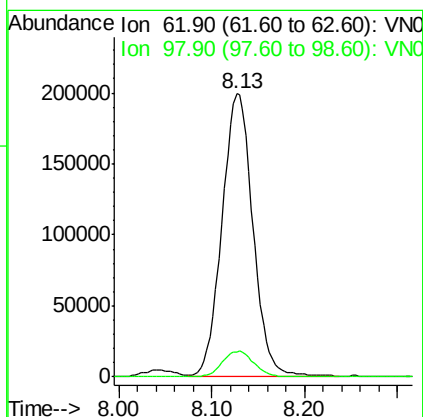
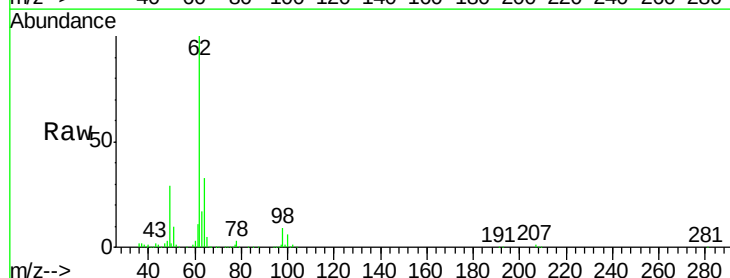
Instrument :  
MSVOA\_N  
ClientSampled :

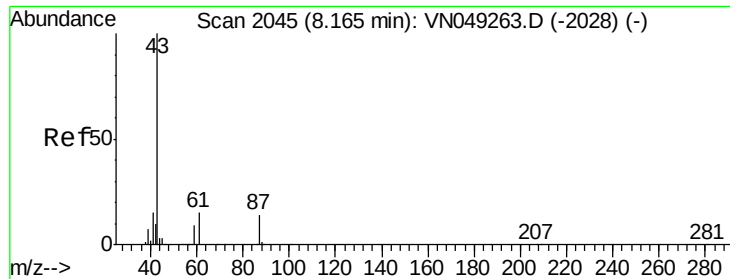
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 153305 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 58.1  | 0.0   | 0.0#   |
| 67       | 87.3  | 0.0   | 0.0#   |
| 52       | 33.9  | 0.0   | 0.0#   |



#42  
1,2-Dichloroethane  
Concen: 21.07 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 458945 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.3   | 0.0   | 16.2   |





#43

Isopropyl Acetate

Concen: 23.75 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampleId :

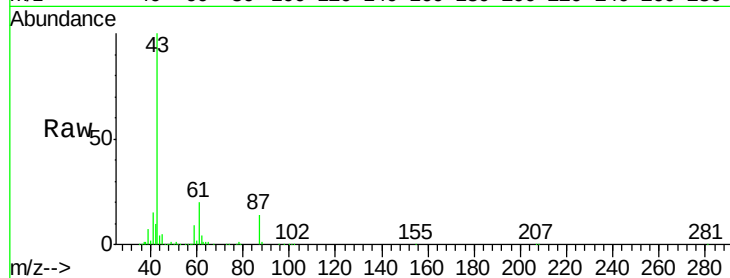
Tot Ion: 43 Resp: 567355

Ion Ratio Lower Upper

43 100

61 18.4 14.2 21.4

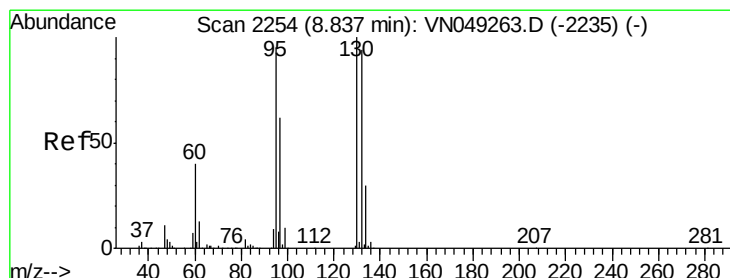
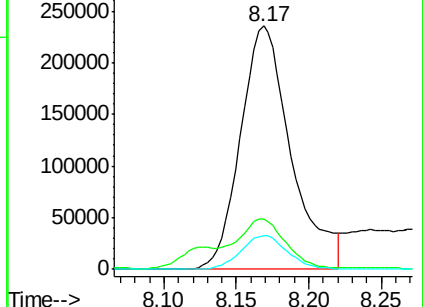
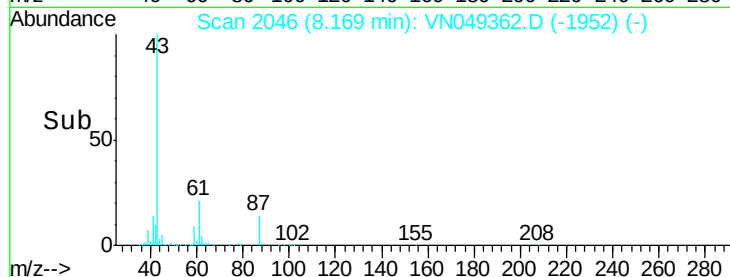
87 12.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049362.D (-2161) (-)

Ion 61.00 (60.70 to 61.70): VN049362.D (-2161) (-)

Ion 87.00 (86.70 to 87.70): VN049362.D (-2161) (-)



#44

Trichloroethene

Concen: 20.25 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049362.D

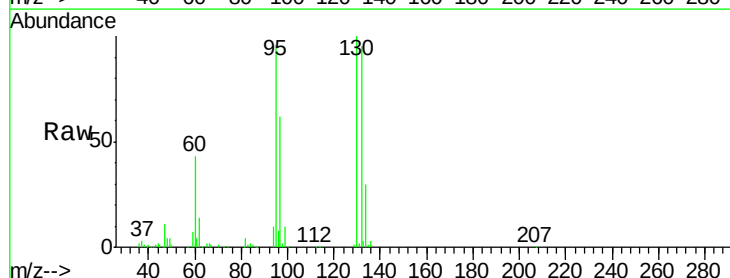
Acq: 19 Jun 2018 00:14

Tgt Ion:130 Resp: 377064

Ion Ratio Lower Upper

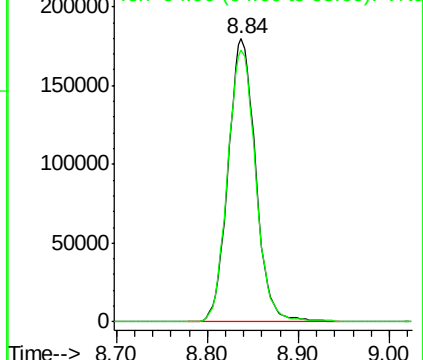
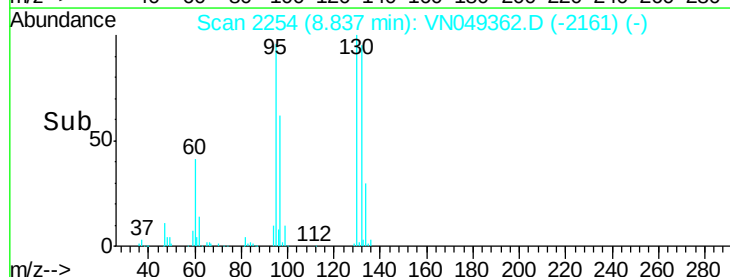
130 100

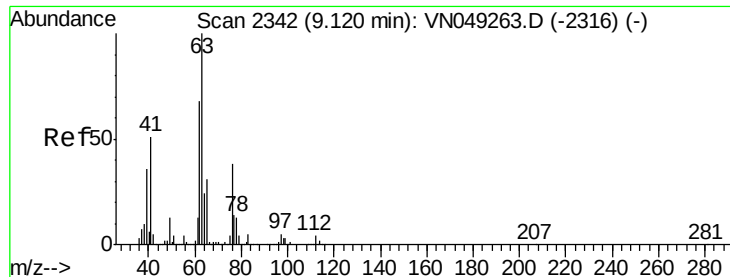
95 96.0 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049362.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049362.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 20.61 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

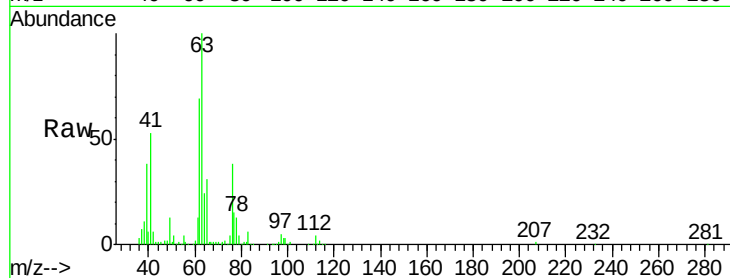
ClientSampled :

Tot Ion: 63 Resp: 380626

Ion Ratio Lower Upper

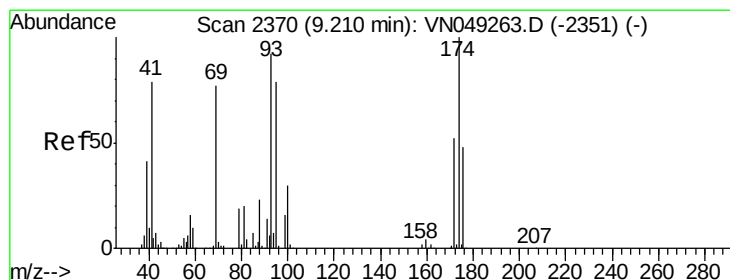
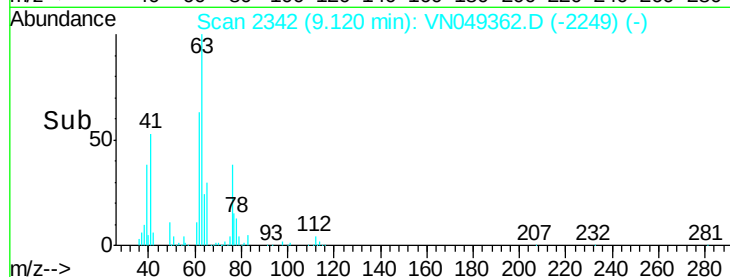
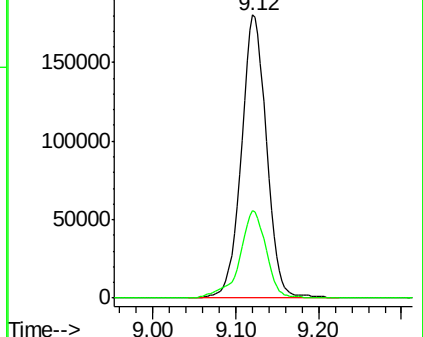
63 100

65 30.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN049362.D (-2249) (-)

Ion 64.90 (64.60 to 65.60): VN049362.D (-2249) (-)



#46

Dibromomethane

Concen: 20.92 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

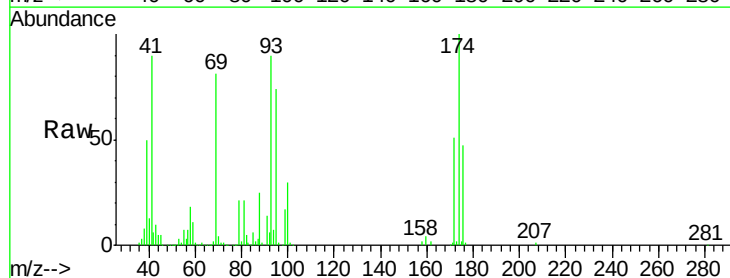
Tgt Ion: 93 Resp: 223944

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

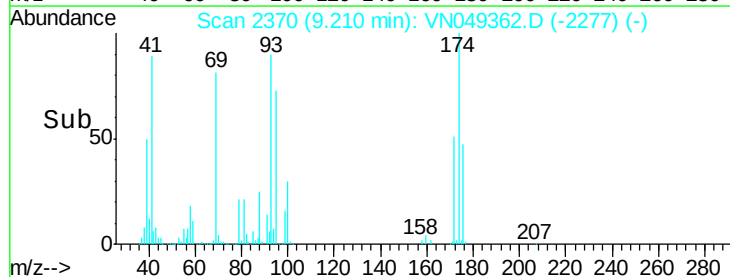
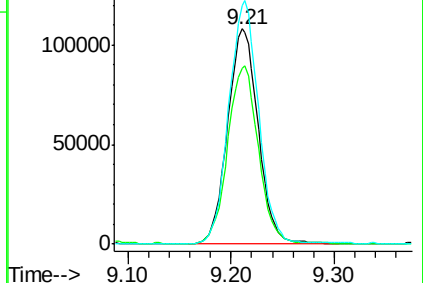
174 110.2 75.6 113.4

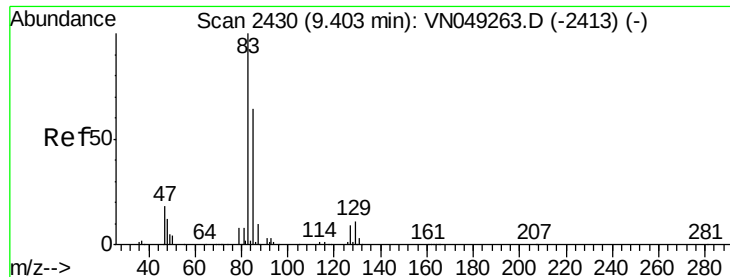


Abundance Ion 92.80 (92.50 to 93.50): VN049362.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049362.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049362.D (-2277) (-)





#47

Bromodichloromethane

Concen: 20.81 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :  
MSVOA\_N  
ClientSampleId :

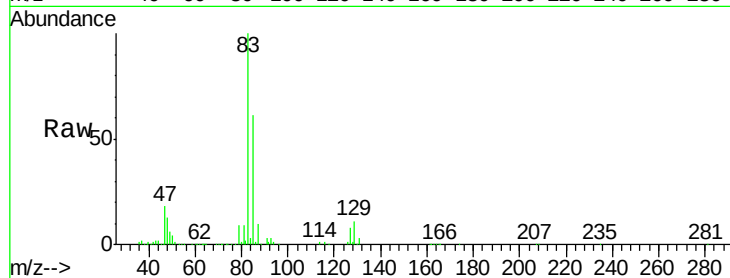
Tot Ion: 83 Resp: 489549

Ion Ratio Lower Upper

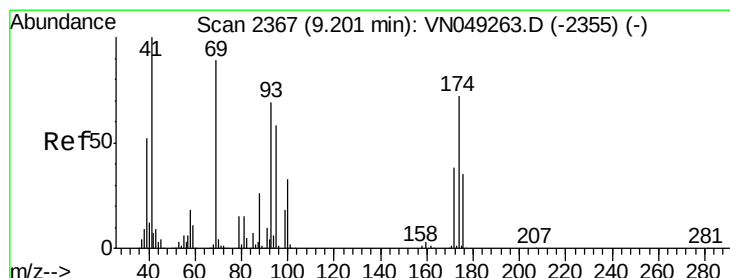
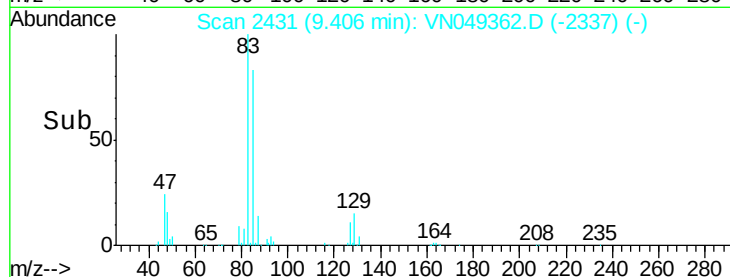
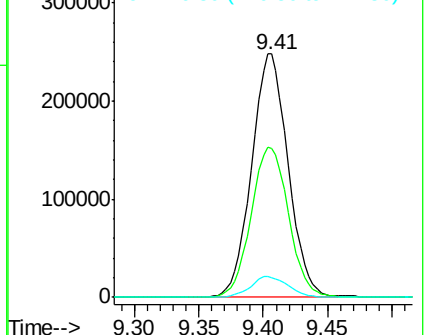
83 100

85 61.4 49.4 74.0

127 8.3 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 22.40 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

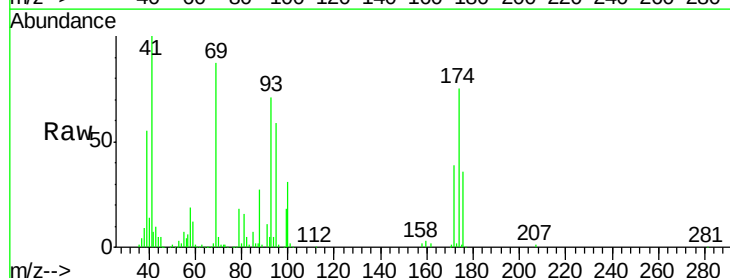
Tgt Ion: 41 Resp: 251998

Ion Ratio Lower Upper

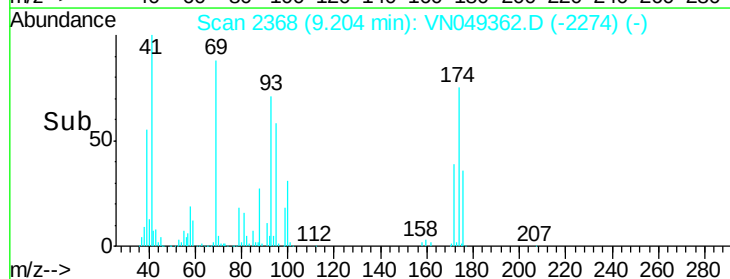
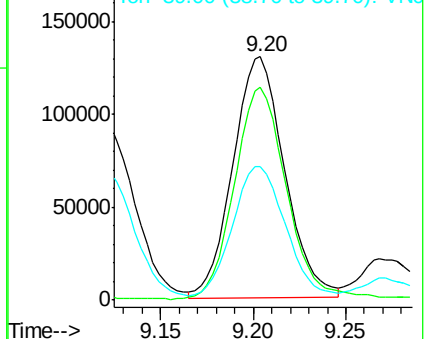
41 100

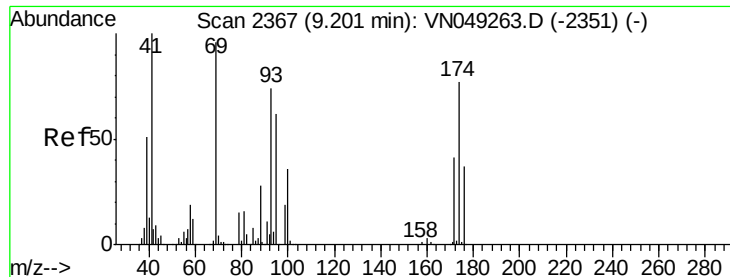
69 88.5 62.0 93.0

39 56.7 50.6 75.8



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

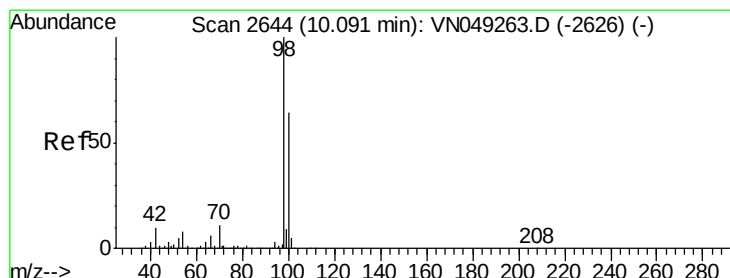
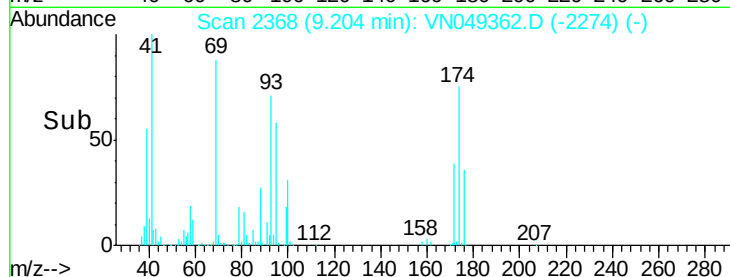
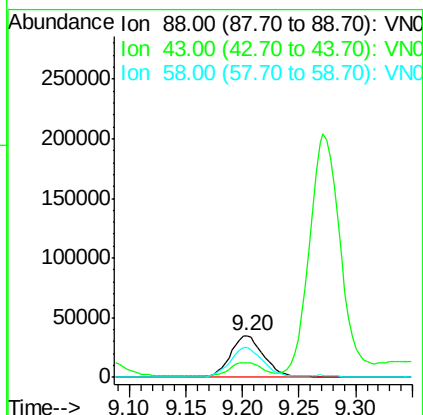
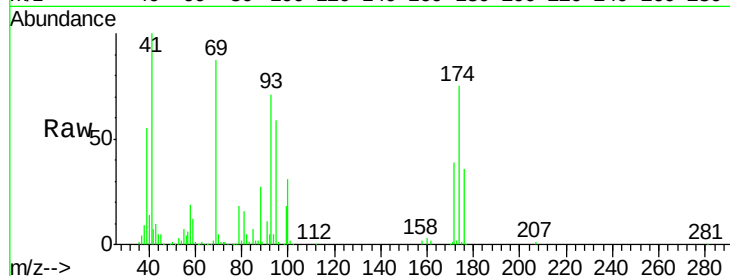




#49  
1,4-Dioxane  
Concen: 467.92 ug/l  
RT: 9.20 min Scan# 2368  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

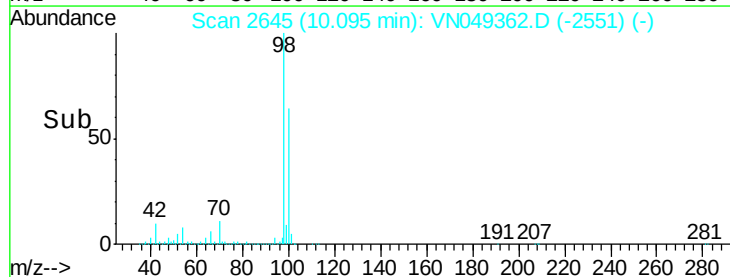
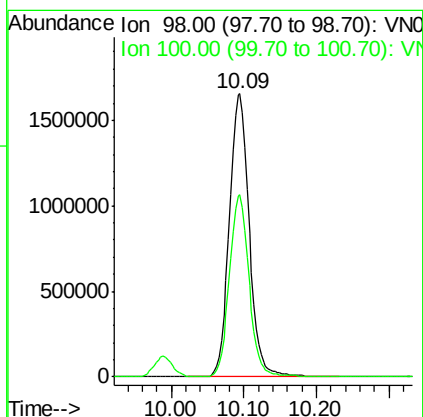
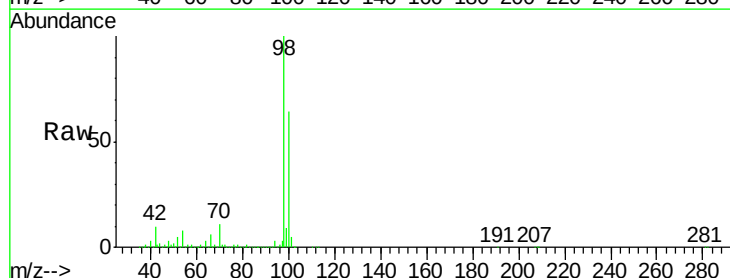
Instrument :  
MSVOA\_N  
ClientSampled :

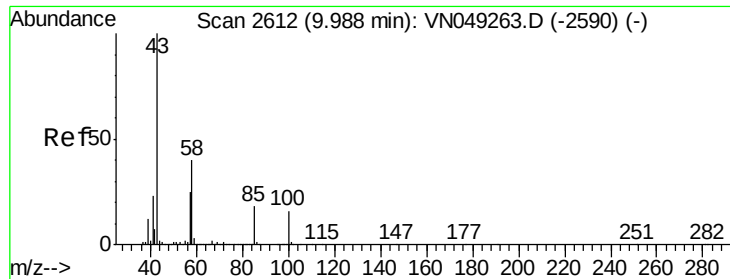
Tot Ion: 88 Resp: 72660  
Ion Ratio Lower Upper  
88 100  
43 30.6 30.9 46.3#  
58 70.6 58.9 88.3



#50  
Toluene-d8  
Concen: 51.03 ug/l  
RT: 10.09 min Scan# 2645  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Tgt Ion: 98 Resp: 3154904  
Ion Ratio Lower Upper  
98 100  
100 63.8 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 116.24 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

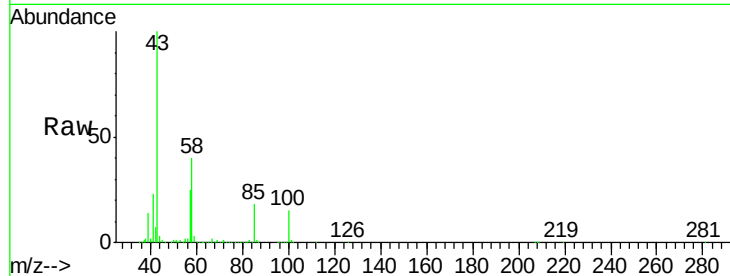
ClientSampled :

Tot Ion: 43 Resp: 1455543

Ion Ratio Lower Upper

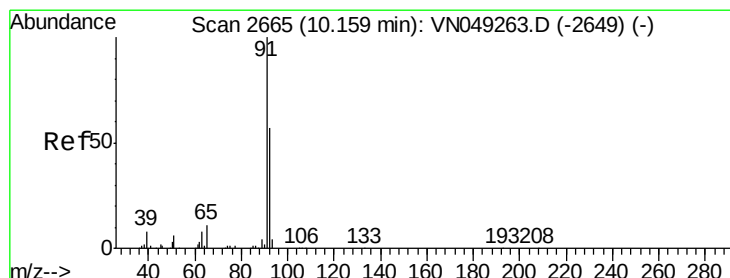
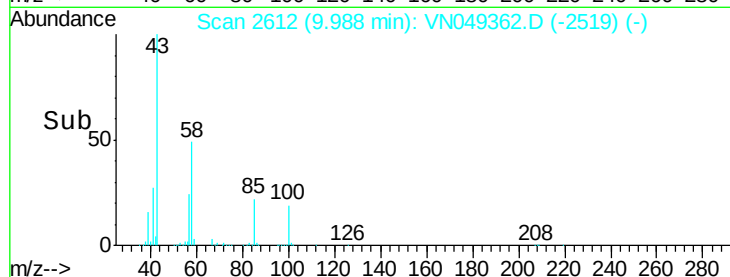
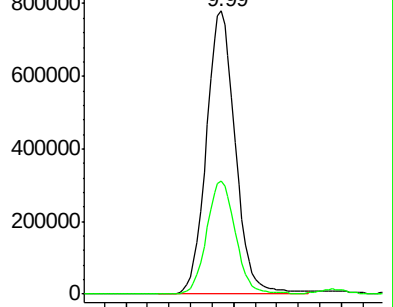
43 100

58 39.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)



#52

Toluene

Concen: 21.30 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049362.D

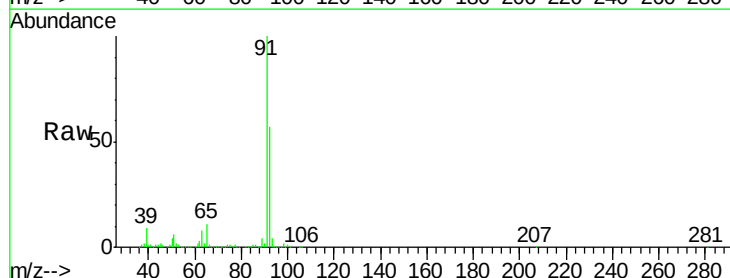
Acq: 19 Jun 2018 00:14

Tgt Ion: 92 Resp: 881416

Ion Ratio Lower Upper

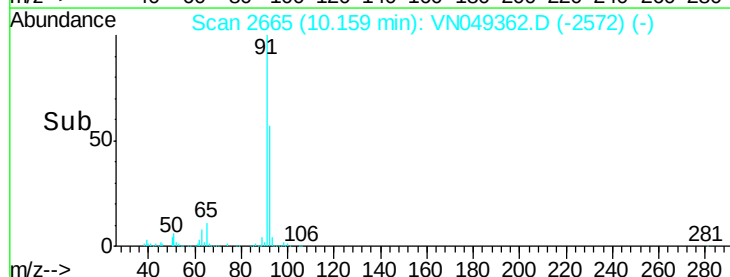
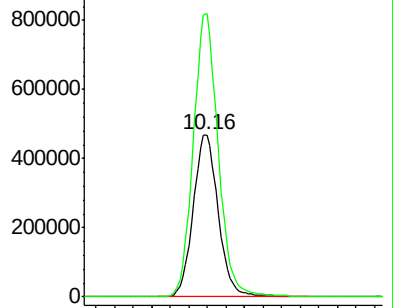
92 100

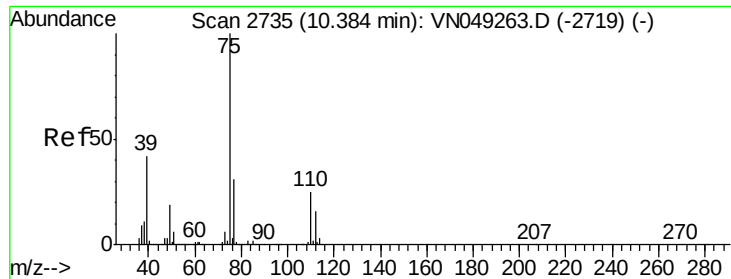
91 173.5 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049263.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-2649) (-)





#53

t-1,3-Dichloropropene

Concen: 19.78 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

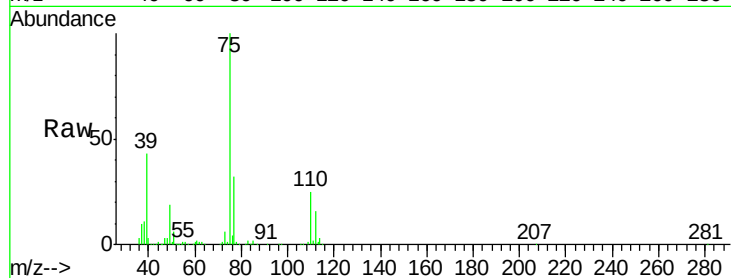
ClientSampled :

Tot Ion: 75 Resp: 445236

Ion Ratio Lower Upper

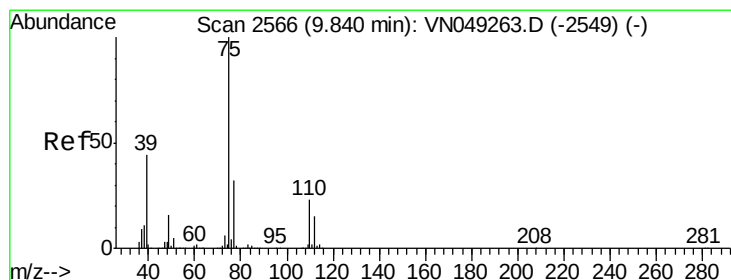
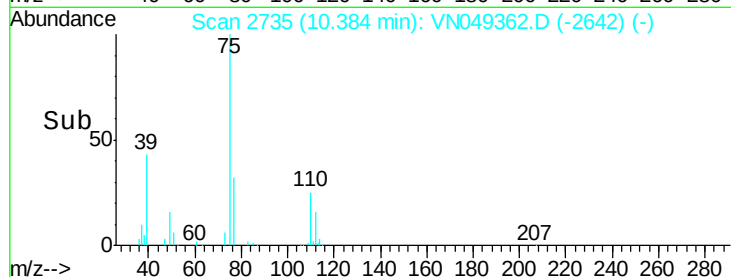
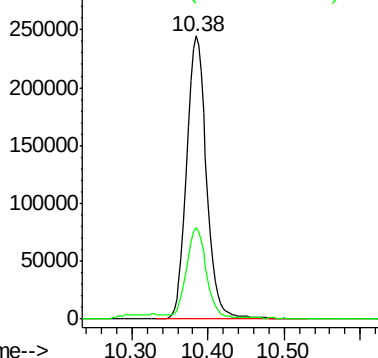
75 100

77 31.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.59 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

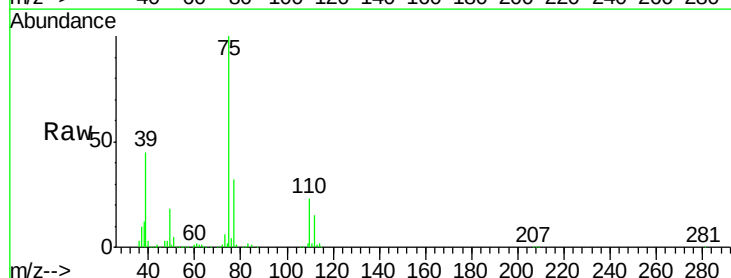
Tgt Ion: 75 Resp: 520729

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

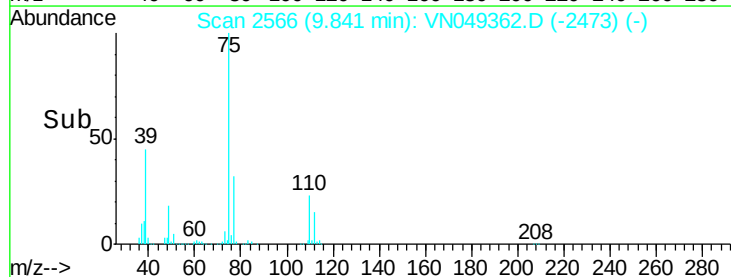
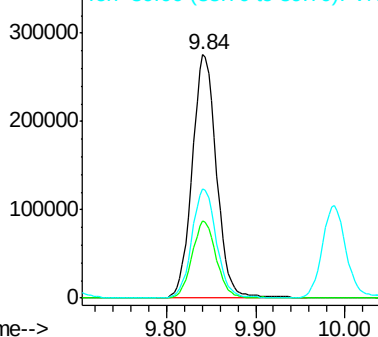
39 44.7 45.1 67.7#



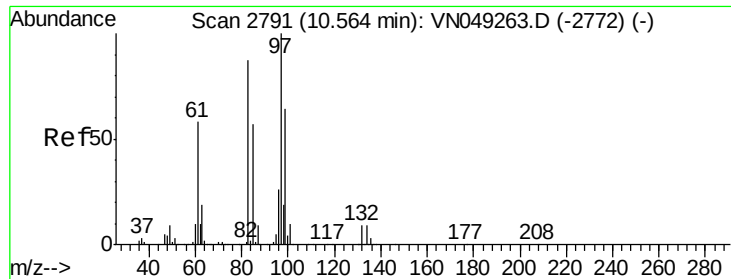
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0







#55

1,1,2-Trichloroethane

Concen: 20.99 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 323888

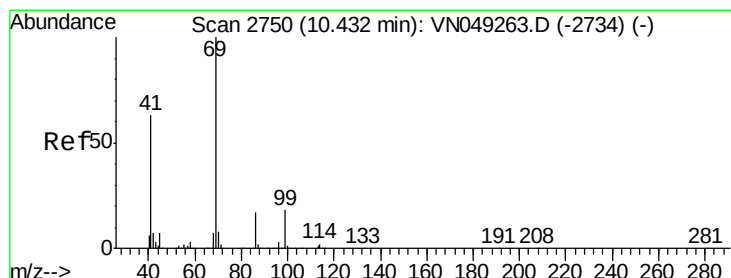
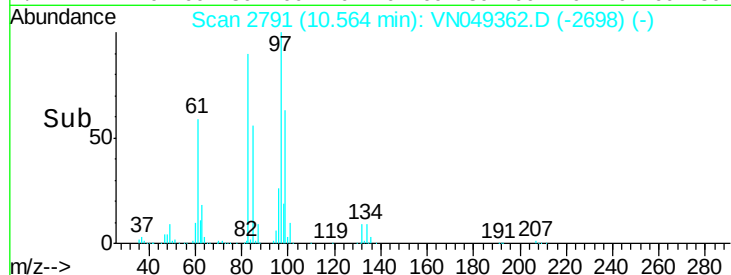
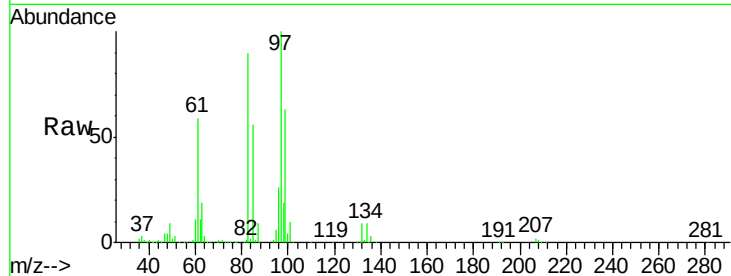
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.8  | 71.5  | 107.3 |
| 85  | 56.4  | 47.0  | 70.4  |
| 99  | 62.7  | 51.4  | 77.2  |

Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.84 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

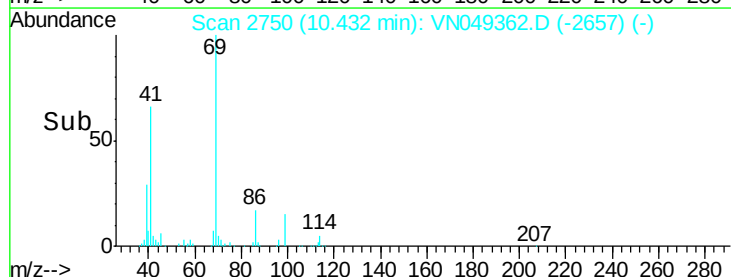
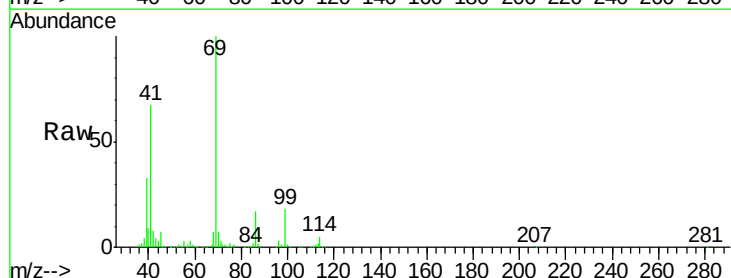
Tgt Ion: 69 Resp: 388714

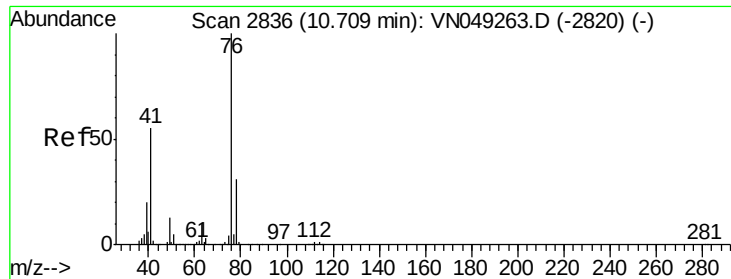
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.4  | 58.4  | 87.6  |
| 39  | 34.5  | 35.5  | 53.3# |

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

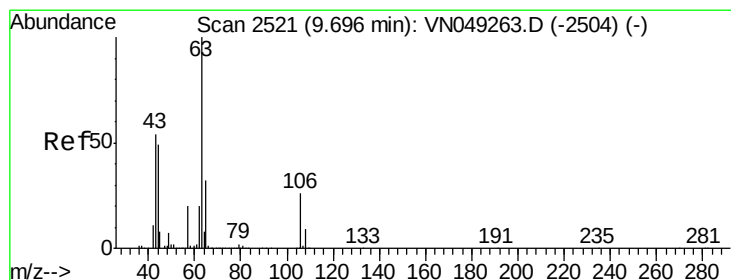
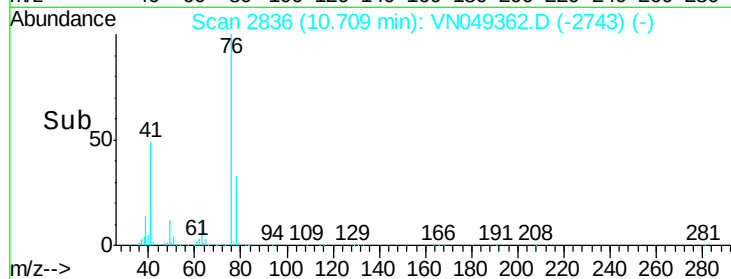
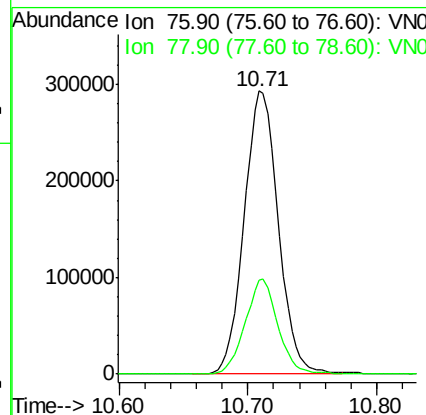
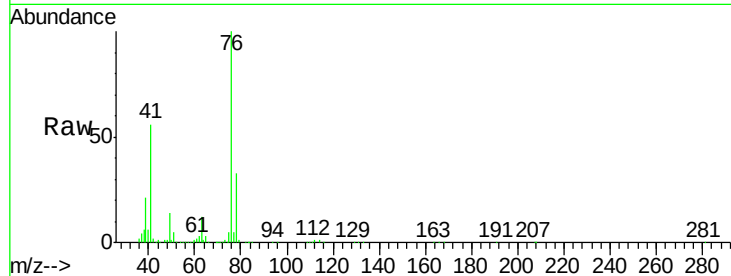




#57  
 1,3-Dichloropropane  
 Concen: 21.11 ug/l  
 RT: 10.71 min Scan# 2836  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

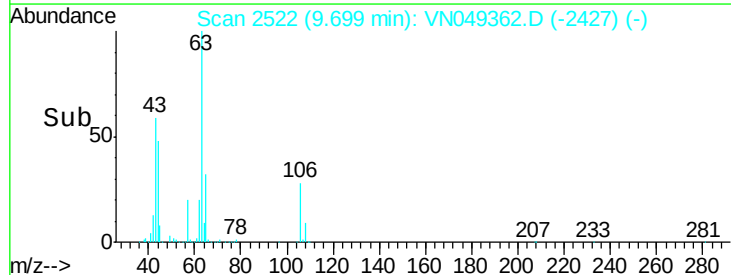
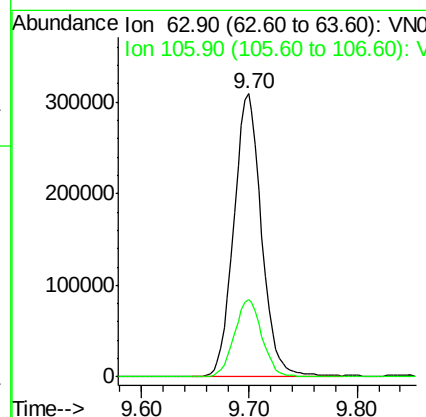
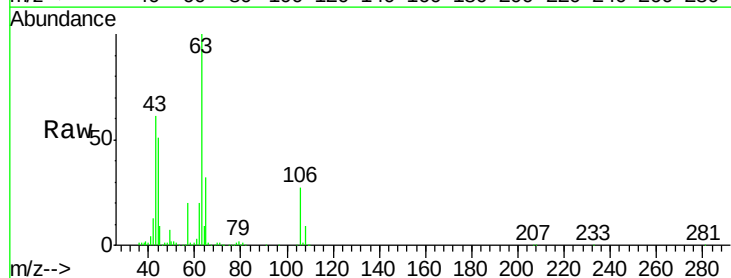
Instrument :  
 MSVOA\_N  
 ClientSampleId :

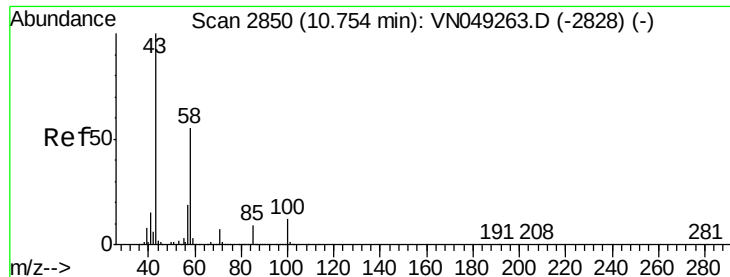
Tot Ion: 76 Resp: 539527  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 26.3 39.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 96.76 ug/l  
 RT: 9.70 min Scan# 2522  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Tgt Ion: 63 Resp: 556464  
 Ion Ratio Lower Upper  
 63 100  
 106 27.3 19.4 29.2

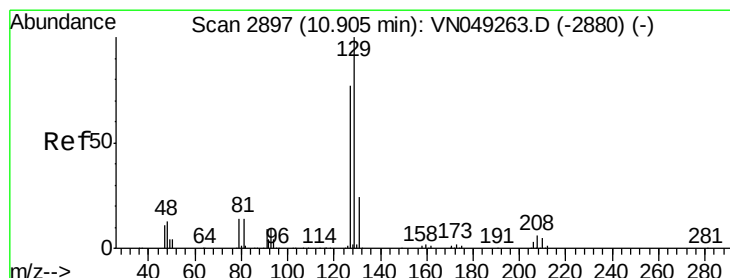
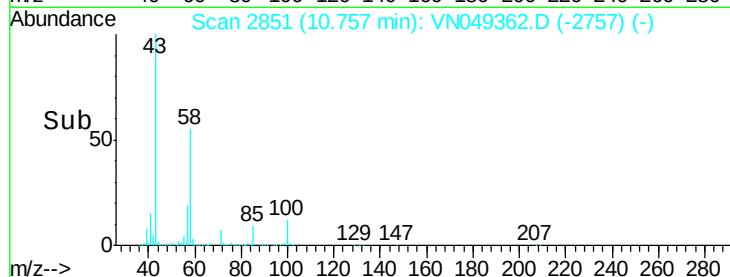
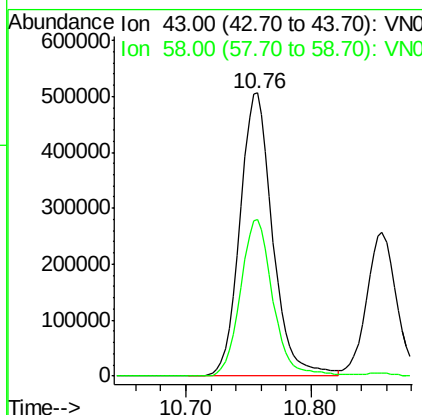
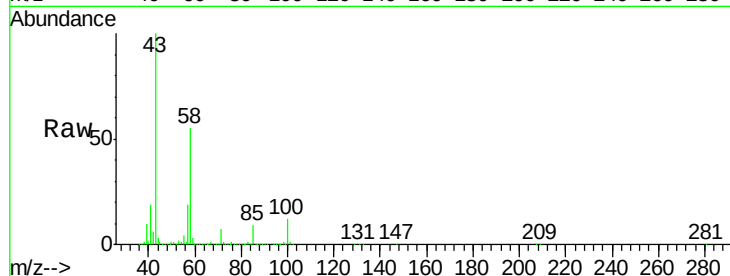




#59  
2-Hexanone  
Concen: 113.14 ug/l  
RT: 10.76 min Scan# 2851  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

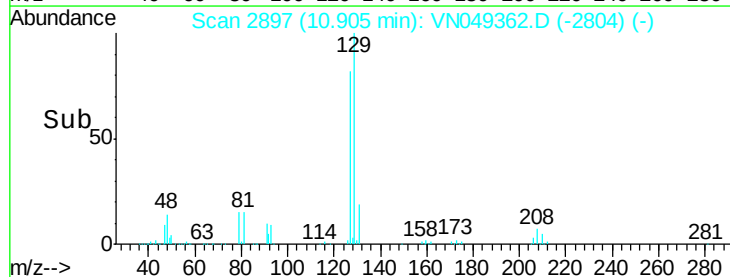
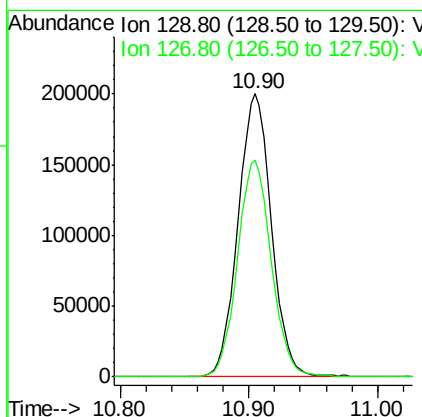
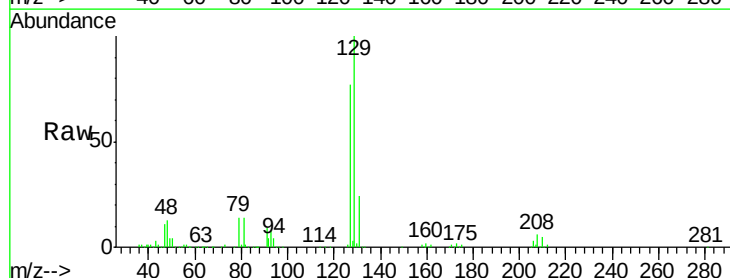
Instrument :  
MSVOA\_N  
ClientSampled :

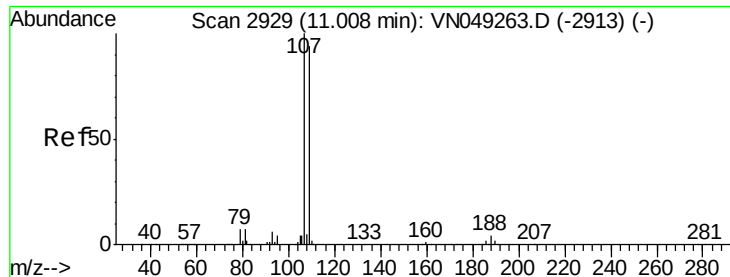
Tot Ion: 43 Resp: 913374  
Ion Ratio Lower Upper  
43 100  
58 55.0 25.2 75.6



#60  
Dibromochloromethane  
Concen: 20.90 ug/l  
RT: 10.90 min Scan# 2897  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Tgt Ion: 129 Resp: 359922  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.60 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

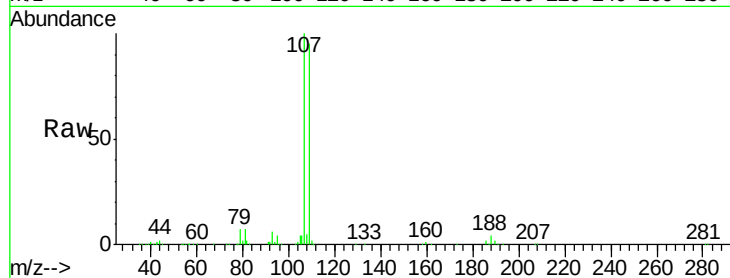
ClientSampleId :

Tot Ion:107 Resp: 309722

Ion Ratio Lower Upper

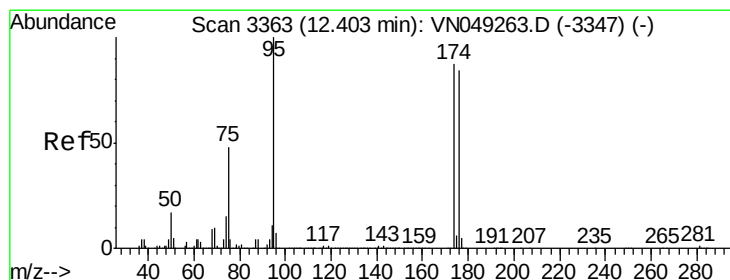
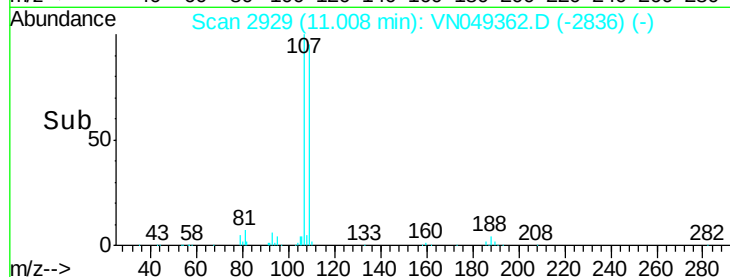
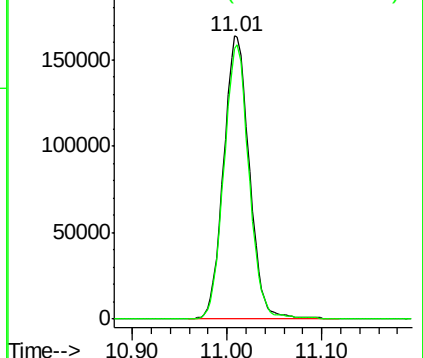
107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

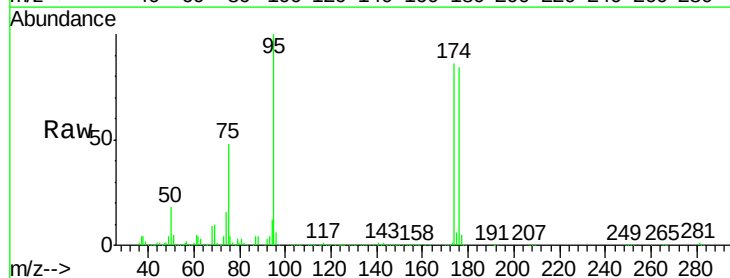
Tgt Ion: 95 Resp: 1039950

Ion Ratio Lower Upper

95 100

174 87.5 0.0 165.6

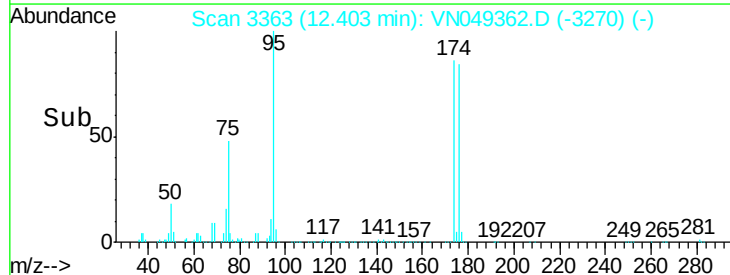
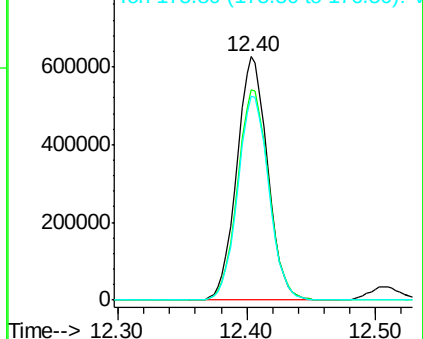
176 84.4 0.0 157.4

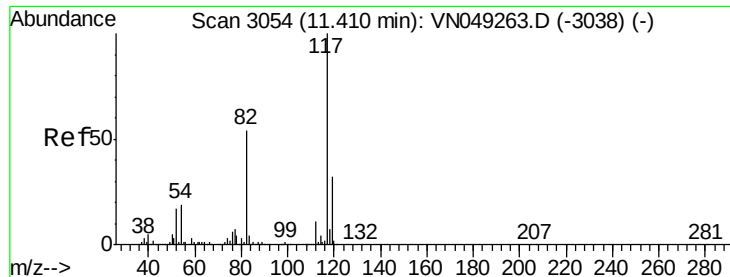


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampled :

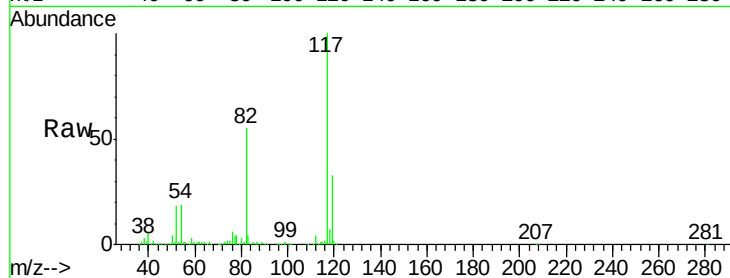
Tot Ion:117 Resp: 1810131

Ion Ratio Lower Upper

117 100

82 54.6 45.9 68.9

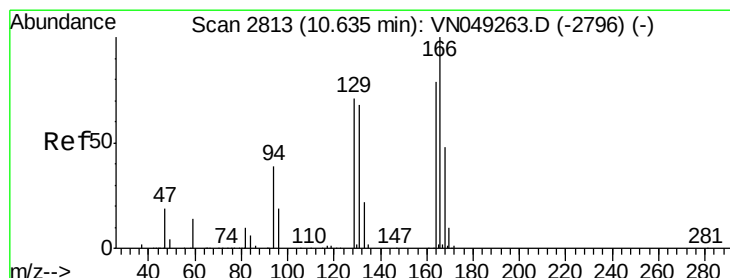
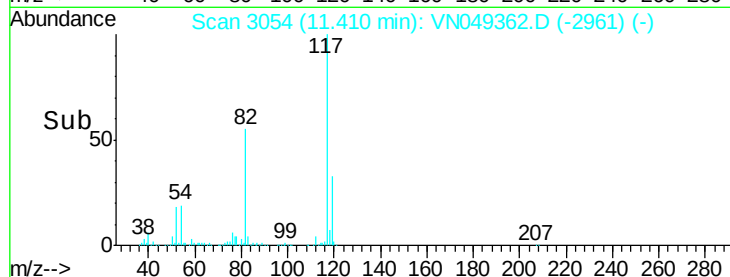
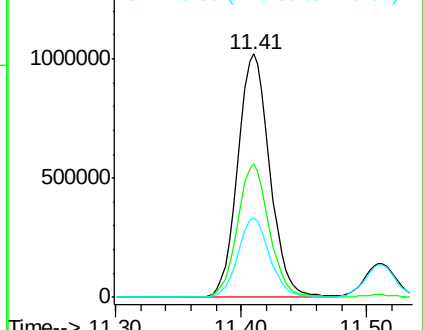
119 32.8 25.5 38.3



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



#64

Tetrachloroethene

Concen: 21.80 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Tgt Ion:164 Resp: 404340

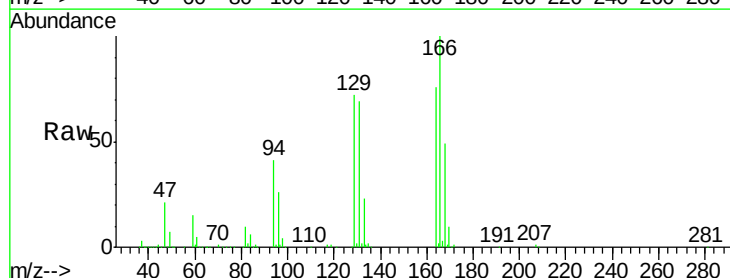
Ion Ratio Lower Upper

164 100

166 131.2 101.4 152.2

129 94.2 74.1 111.1

131 90.5 73.7 110.5

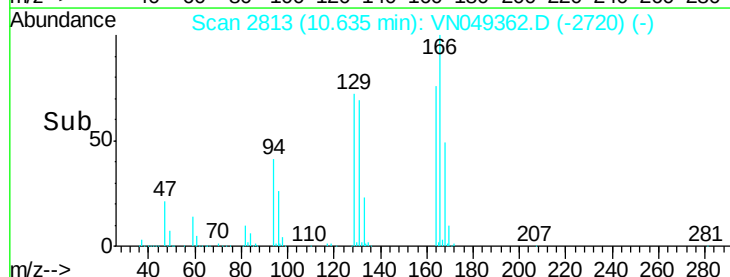
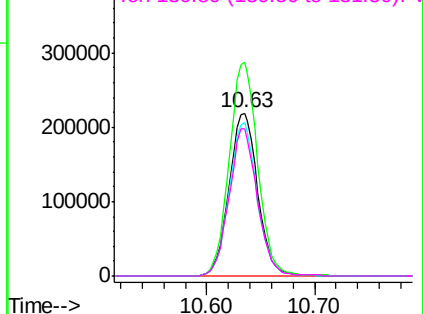


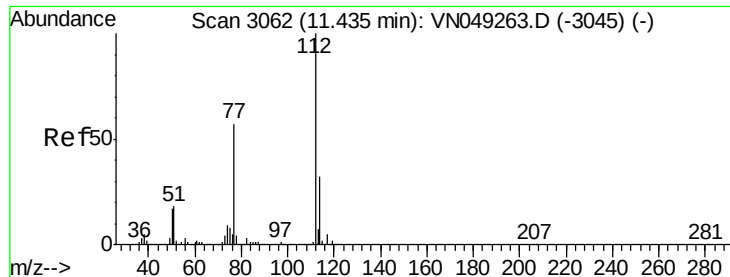
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.02 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

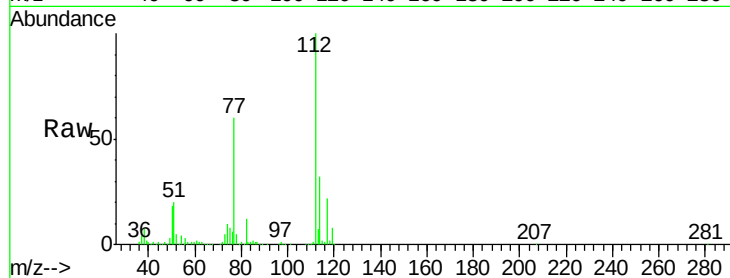
ClientSampled :

Tot Ion:112 Resp: 933601

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

500000

400000

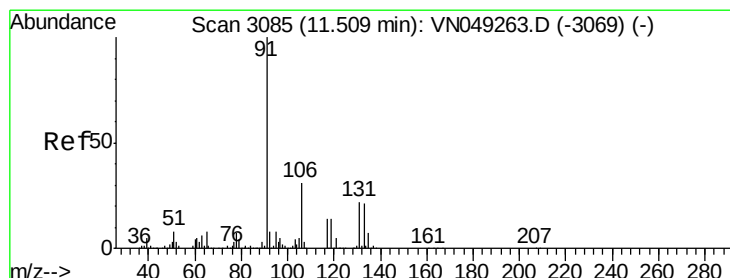
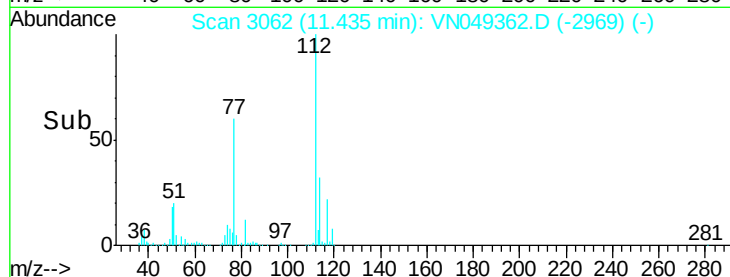
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.28 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

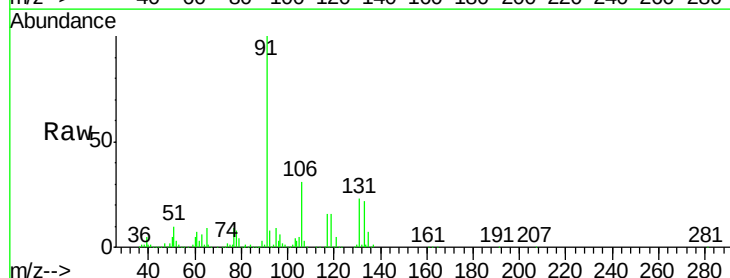
Tgt Ion:131 Resp: 355803

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

119 66.6 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

400000

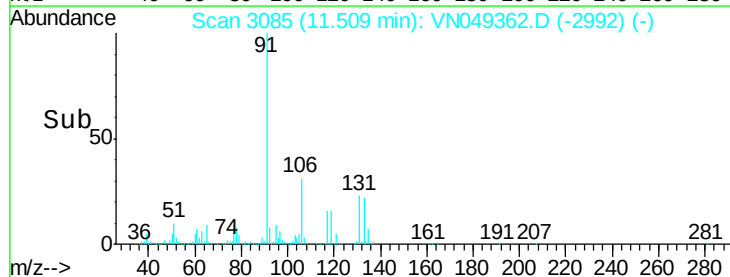
300000

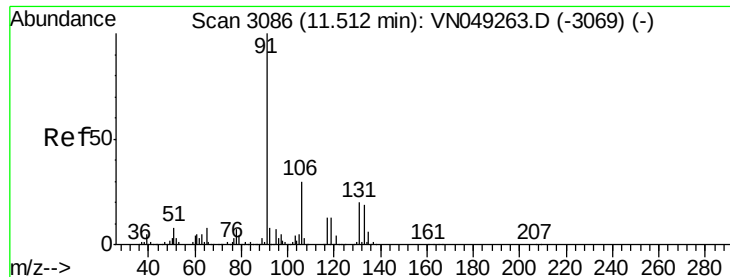
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 20.42 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

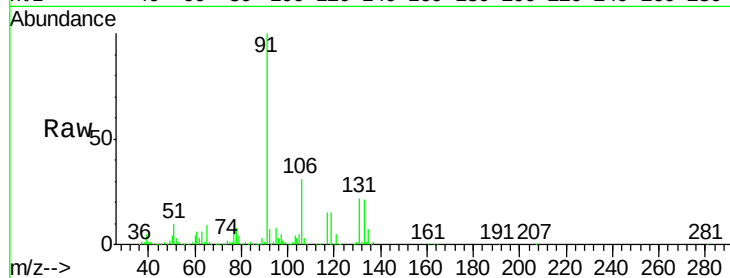
ClientSampled :

Tot Ion: 91 Resp: 1579490

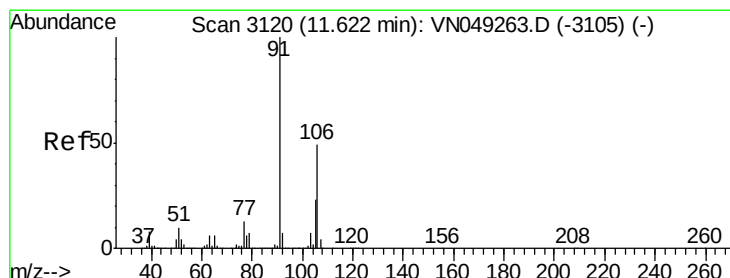
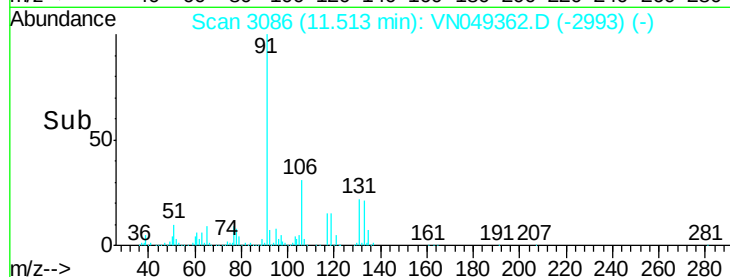
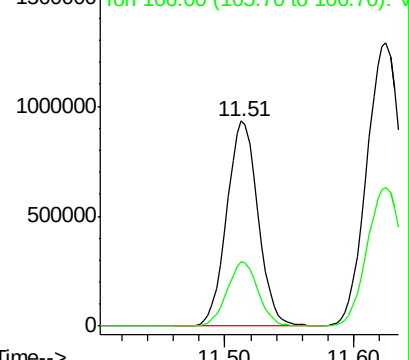
Ion Ratio Lower Upper

91 100

106 31.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049362.D (-2993) (-)



#68

m/p-Xylenes

Concen: 41.79 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049362.D

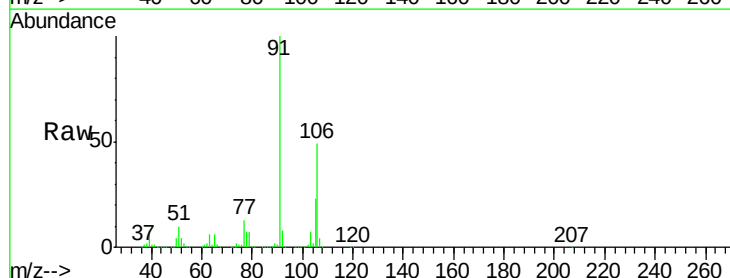
Acq: 19 Jun 2018 00:14

Tgt Ion: 106 Resp: 1213041

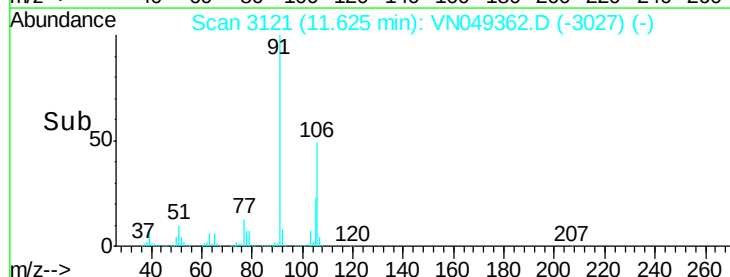
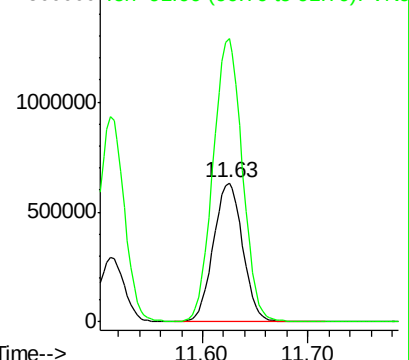
Ion Ratio Lower Upper

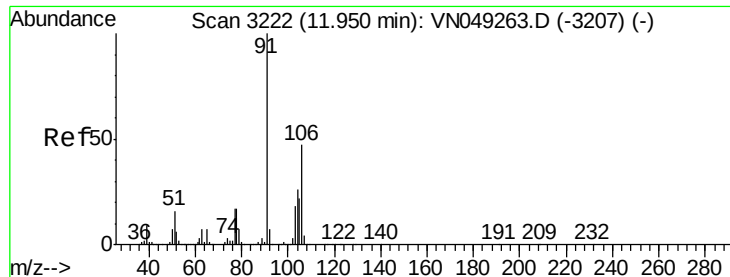
106 100

91 204.0 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049362.D (-3027) (-)

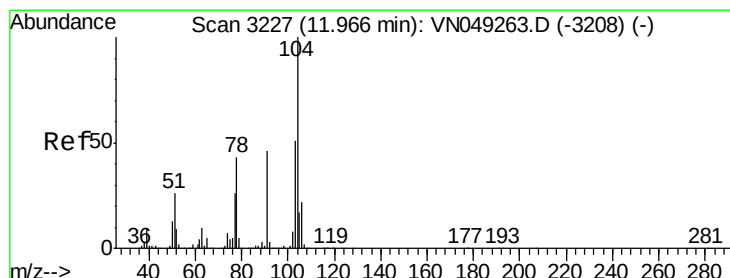
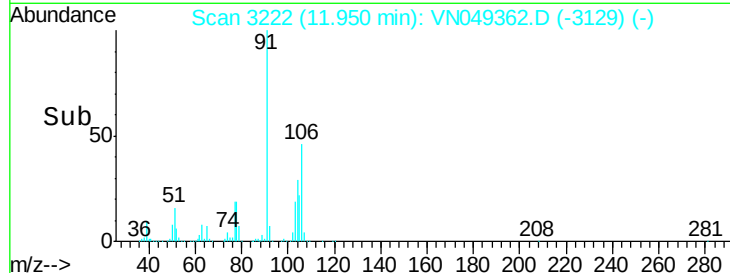
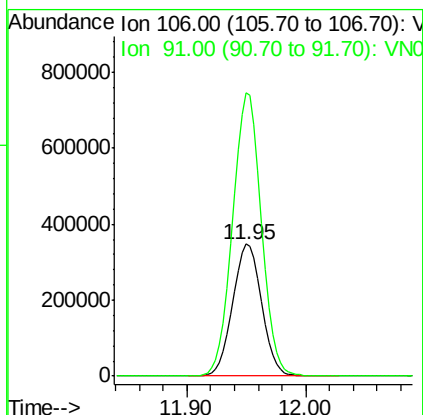
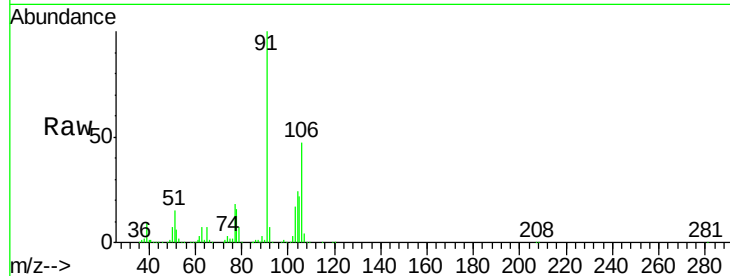




#69  
o-Xylene  
Concen: 21.03 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

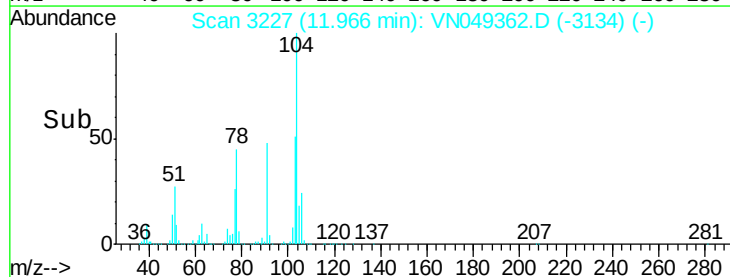
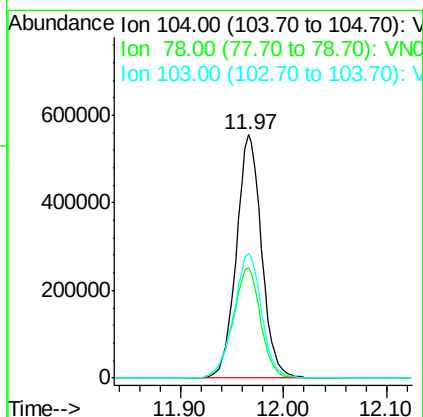
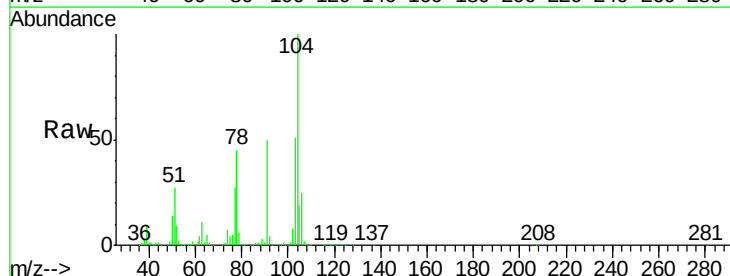
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:106 Resp: 587877  
Ion Ratio Lower Upper  
106 100  
91 211.8 111.0 333.0

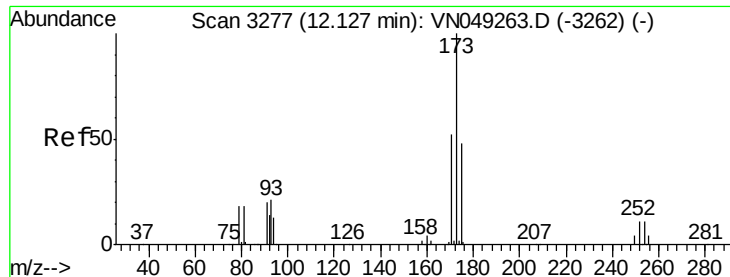


#70  
Styrene  
Concen: 21.40 ug/l  
RT: 11.97 min Scan# 3227  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Tgt Ion:104 Resp: 944007  
Ion Ratio Lower Upper  
104 100  
78 49.7 41.6 62.4  
103 56.4 45.4 68.2







#71

Bromoform

Concen: 21.33 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampled :

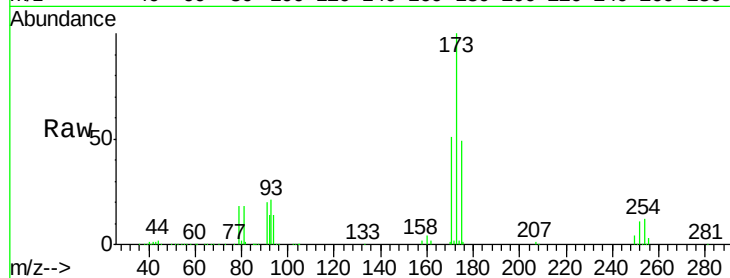
Tot Ion:173 Resp: 242306

Ion Ratio Lower Upper

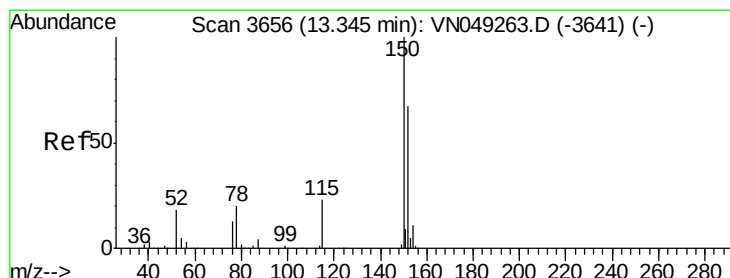
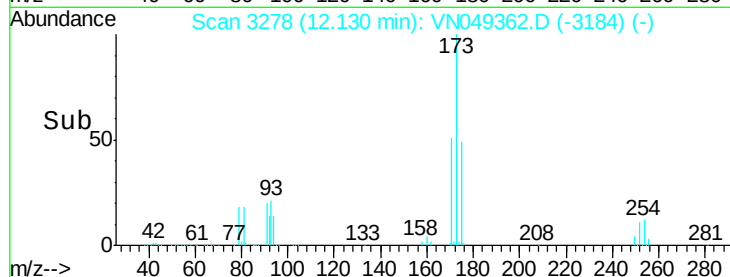
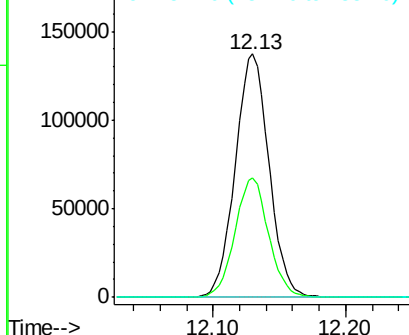
173 100

175 48.8 24.5 73.5

254 0.1 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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

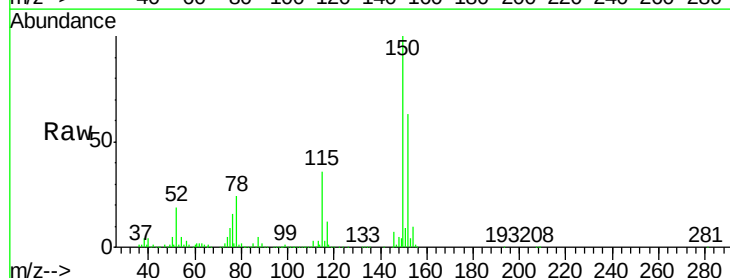
Tgt Ion:152 Resp: 878211

Ion Ratio Lower Upper

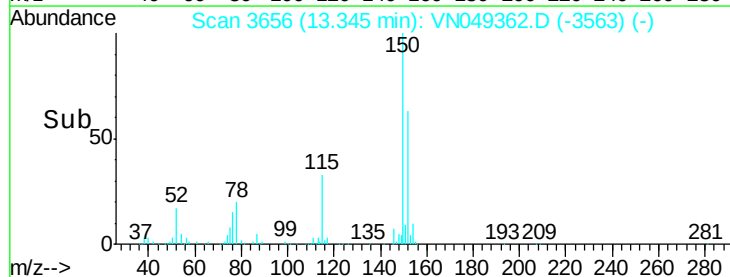
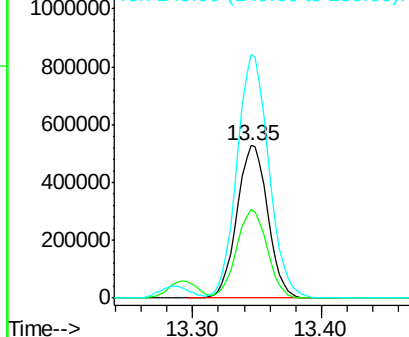
152 100

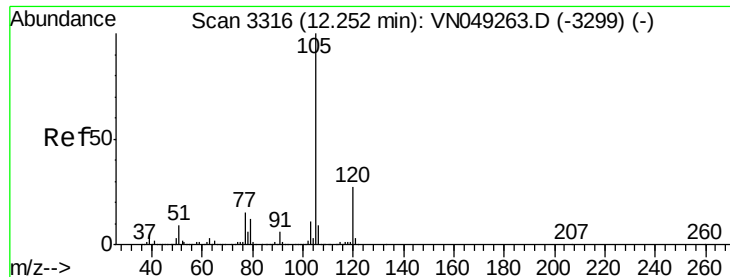
115 57.7 28.7 86.1

150 164.8 0.0 351.0



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





#73

Isopropylbenzene

Concen: 20.18 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

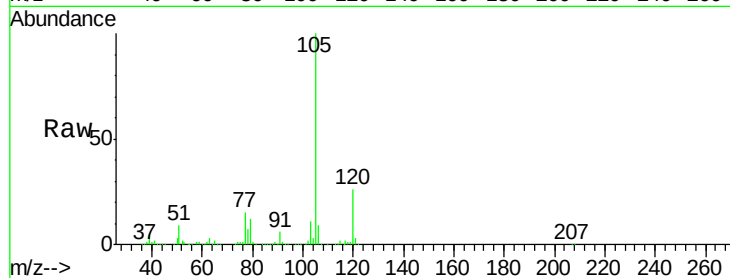
ClientSampled :

Tot Ion:105 Resp: 1556390

Ion Ratio Lower Upper

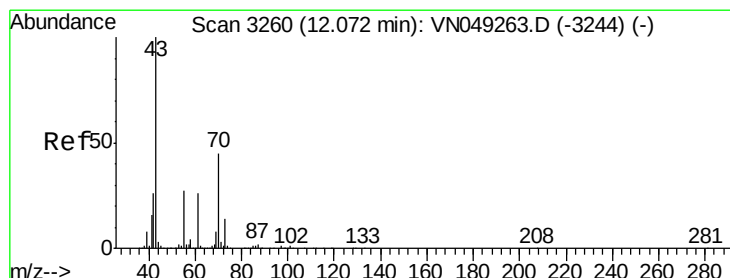
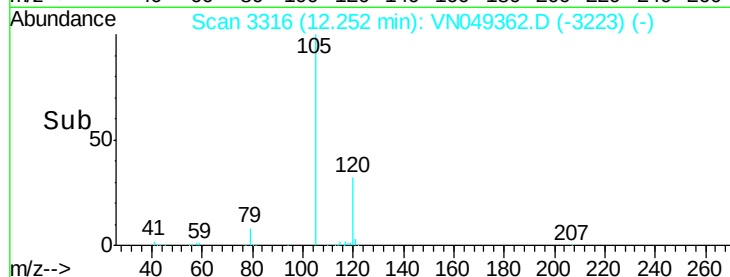
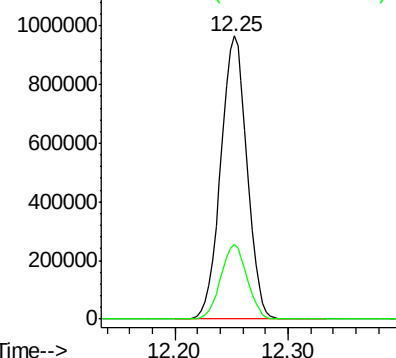
105 100

120 26.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.39 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Tgt Ion: 43 Resp: 403979

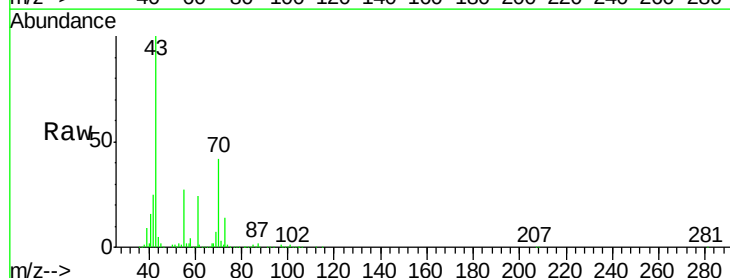
Ion Ratio Lower Upper

43 100

70 43.2 30.3 45.5

55 27.8 19.4 29.2

61 24.5 17.8 26.6

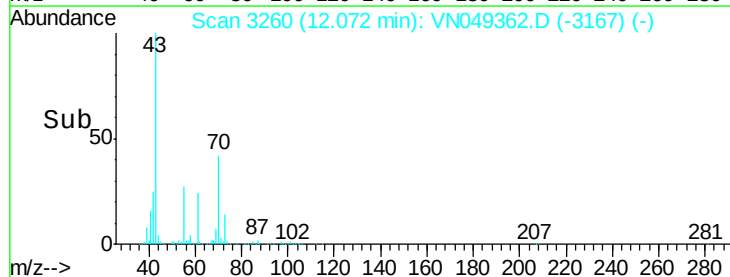
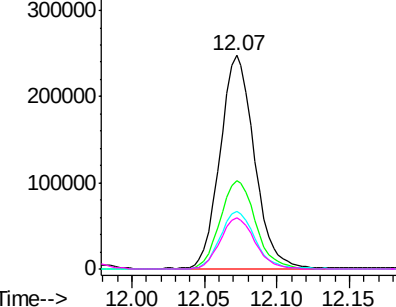


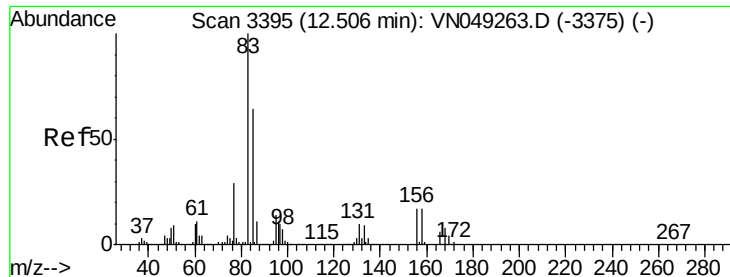
Abundance Ion 43.00 (42.70 to 43.70): V

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: 22.60 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampled :

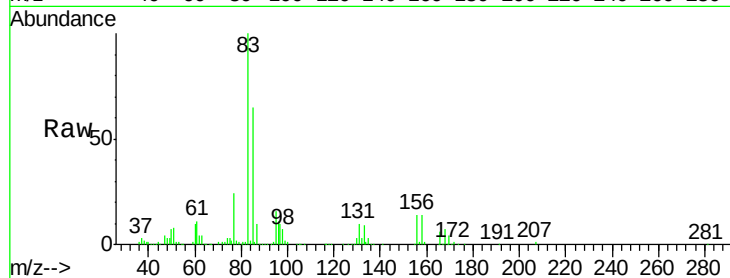
Tot Ion: 83 Resp: 377953

Ion Ratio Lower Upper

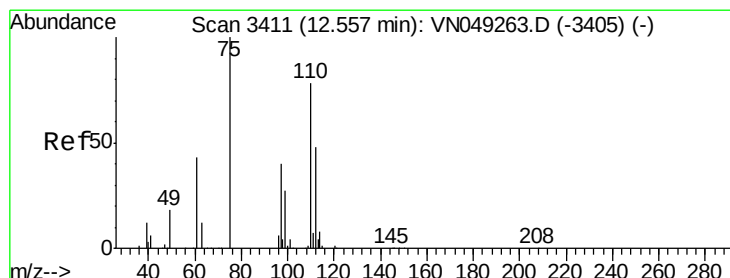
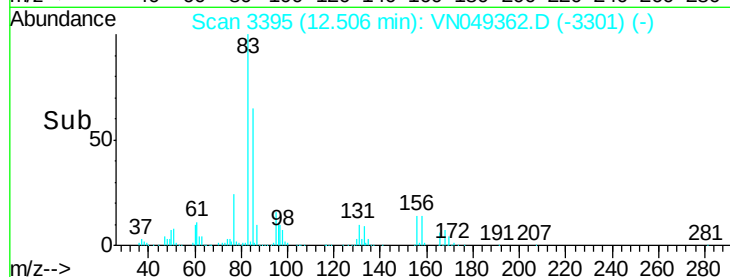
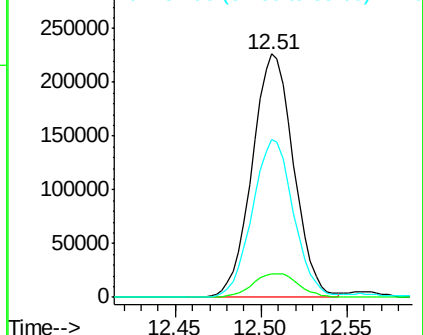
83 100

131 10.8 5.0 15.0

85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 130.80 (130.50 to 131.50): VNO  
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 31.04 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049362.D

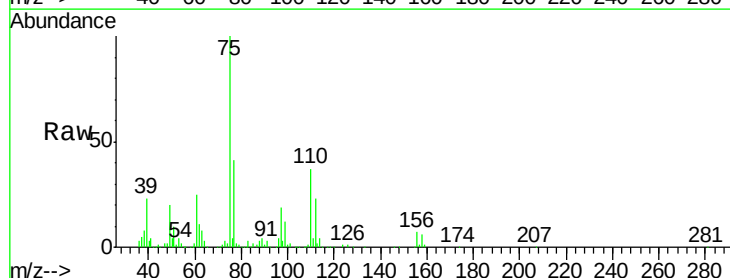
Acq: 19 Jun 2018 00:14

Tgt Ion: 75 Resp: 465090

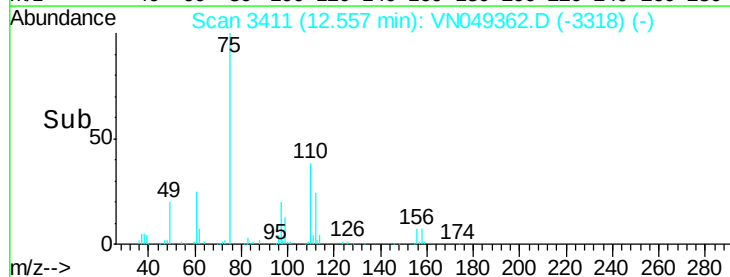
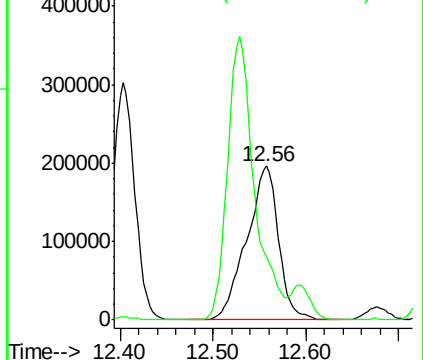
Ion Ratio Lower Upper

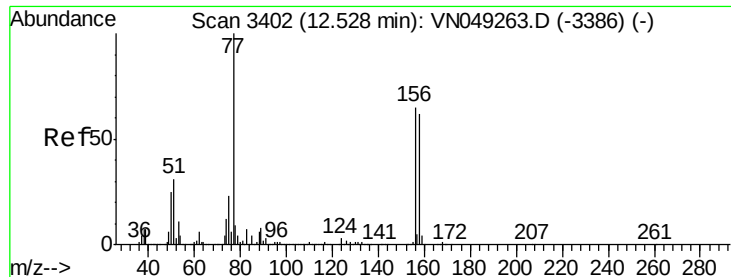
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.49 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampleId :

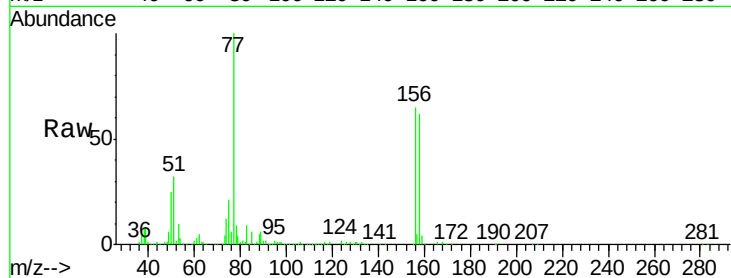
Tot Ion:156 Resp: 396968

Ion Ratio Lower Upper

156 100

77 185.3 100.8 302.4

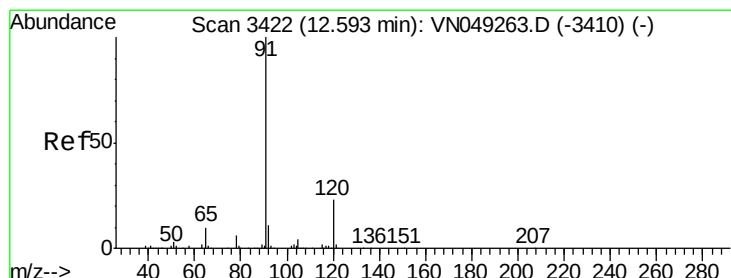
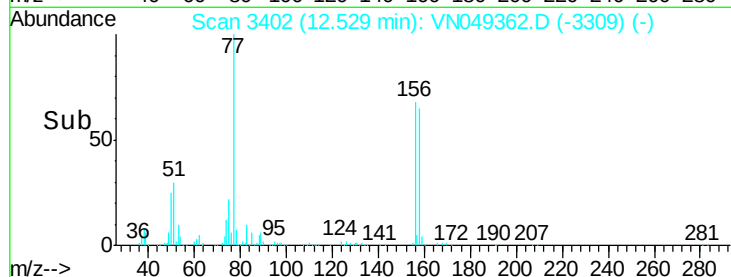
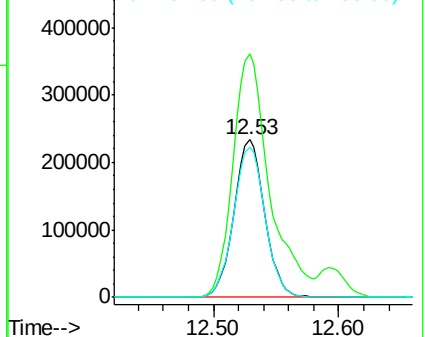
158 97.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.52 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049362.D

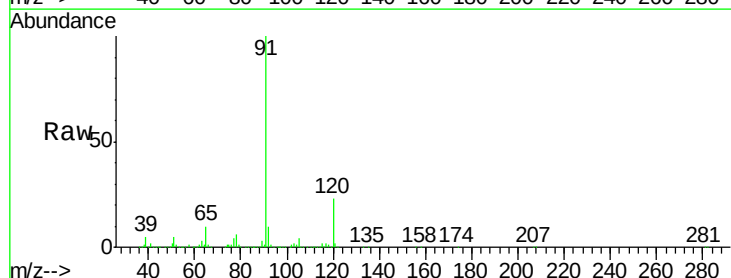
Acq: 19 Jun 2018 00:14

Tgt Ion: 91 Resp: 1737436

Ion Ratio Lower Upper

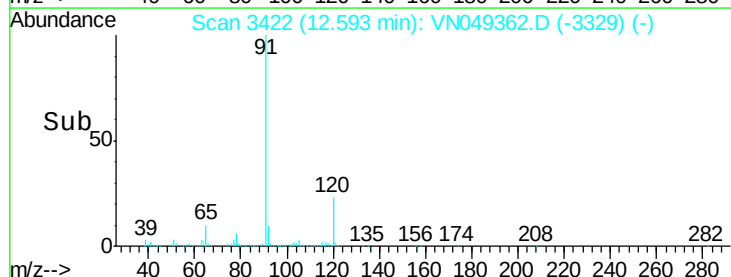
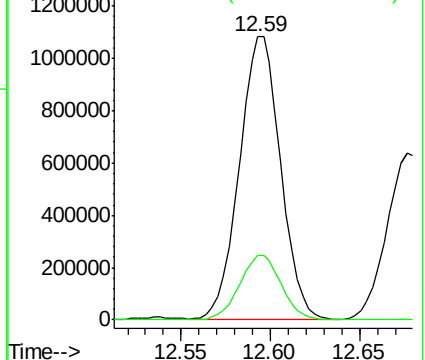
91 100

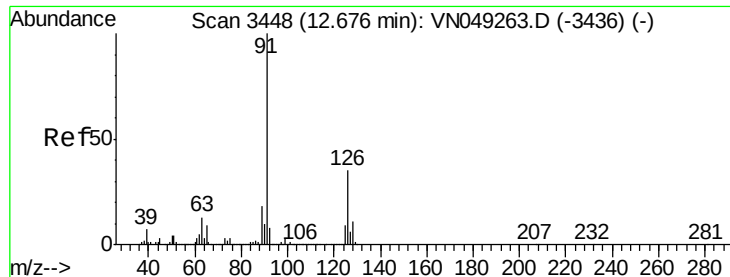
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.09 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

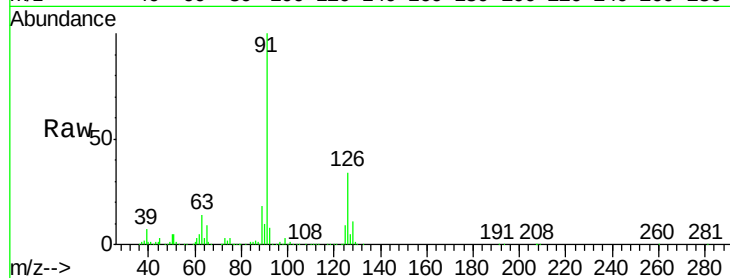
ClientSampled :

Tot Ion: 91 Resp: 1077643

Ion Ratio Lower Upper

91 100

126 34.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)

800000

600000

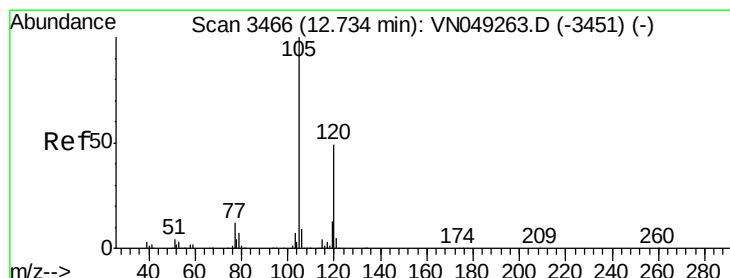
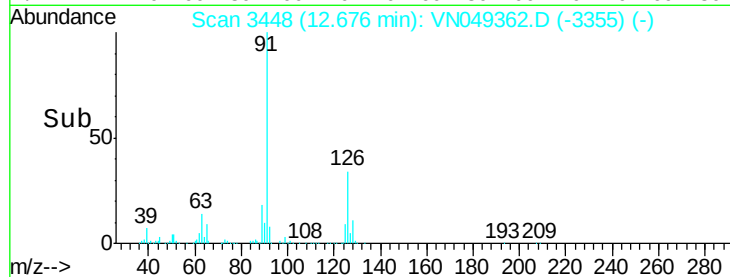
400000

200000

0

12.65 12.68 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.85 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049362.D

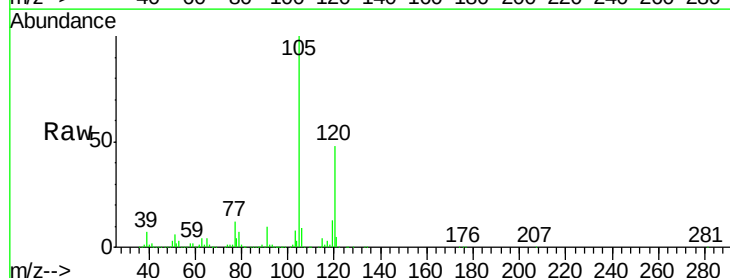
Acq: 19 Jun 2018 00:14

Tgt Ion: 105 Resp: 1263826

Ion Ratio Lower Upper

105 100

120 48.4 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)

800000

600000

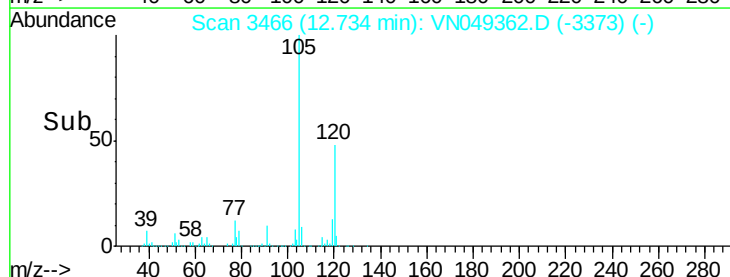
400000

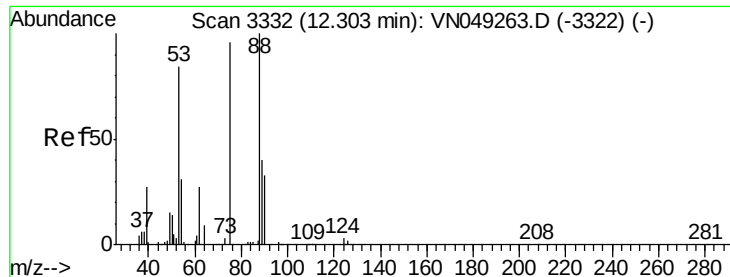
200000

0

12.70 12.73 12.80

Time-->

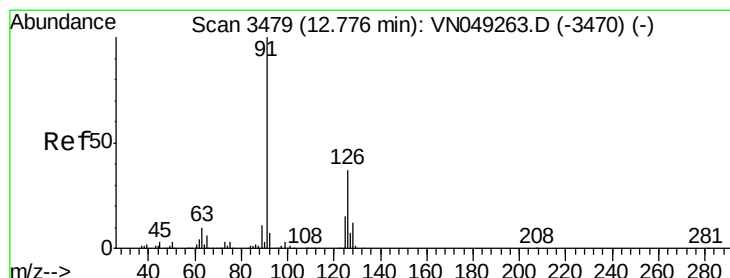
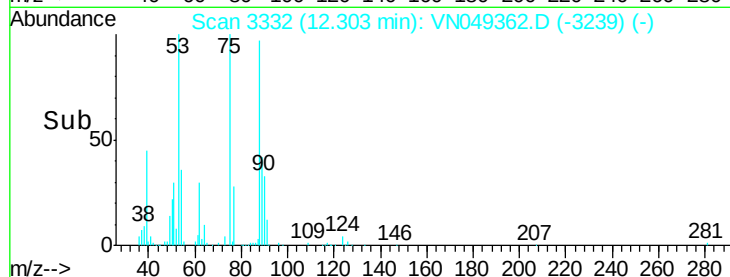
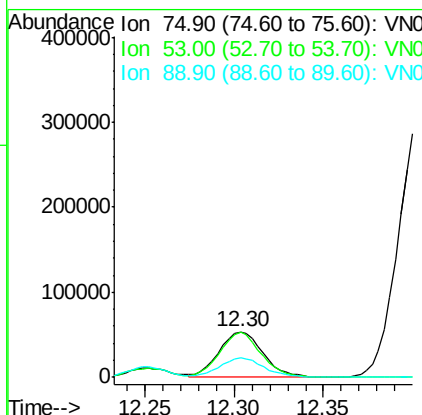
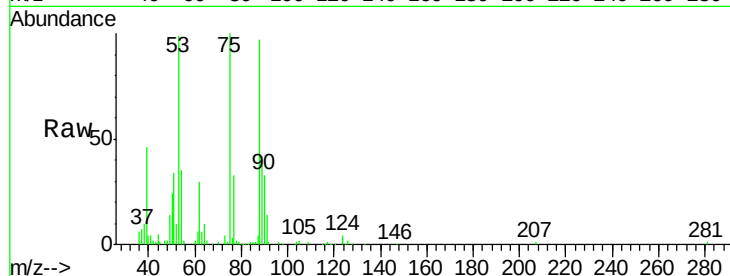




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.21 ug/l  
RT: 12.30 min Scan# 3332  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

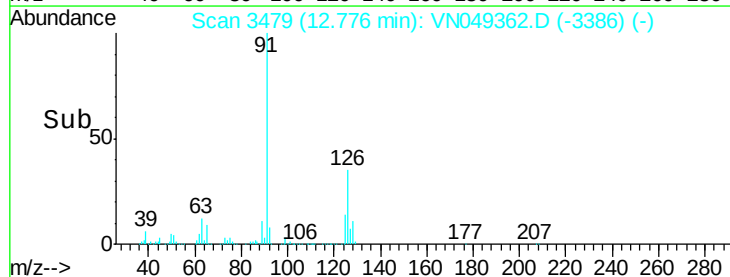
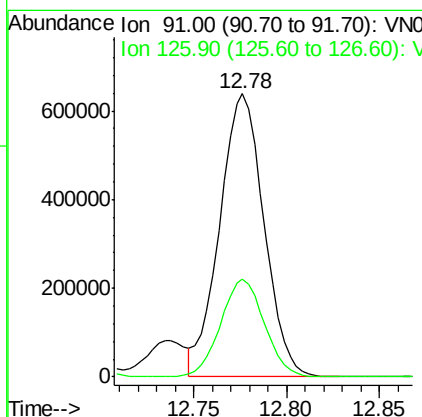
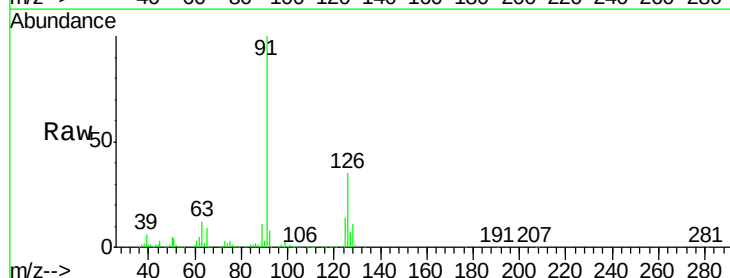
Instrument :  
MSVOA\_N  
ClientSampleId :

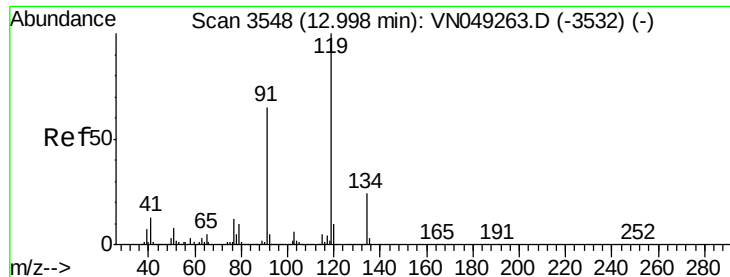
Tot Ion: 75 Resp: 91089  
Ion Ratio Lower Upper  
75 100  
53 95.3 82.7 124.1  
89 44.2 36.5 54.7



#82  
4-Chlorotoluene  
Concen: 20.36 ug/l  
RT: 12.78 min Scan# 3479  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Tgt Ion: 91 Resp: 1053756  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.4 49.1

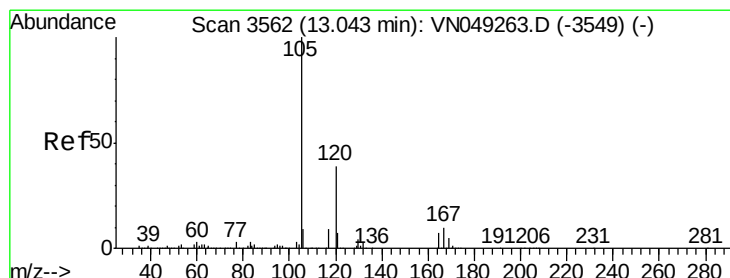
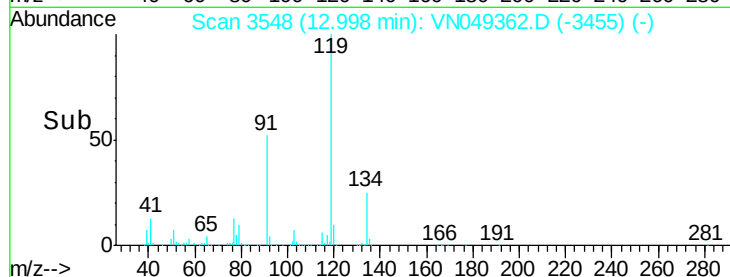
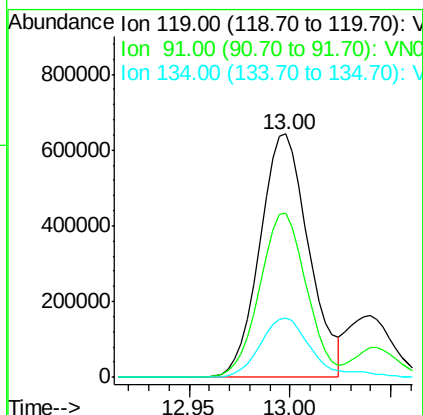
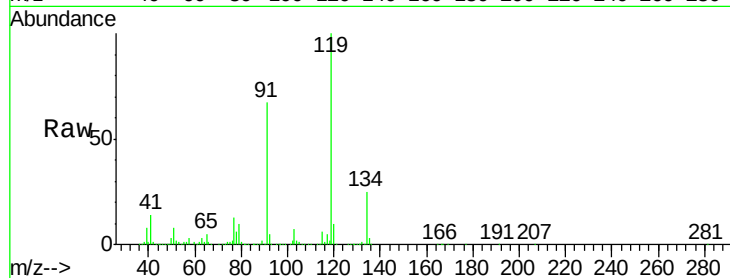




#83  
 tert-Butylbenzene  
 Concen: 20.21 ug/l  
 RT: 13.00 min Scan# 3548  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

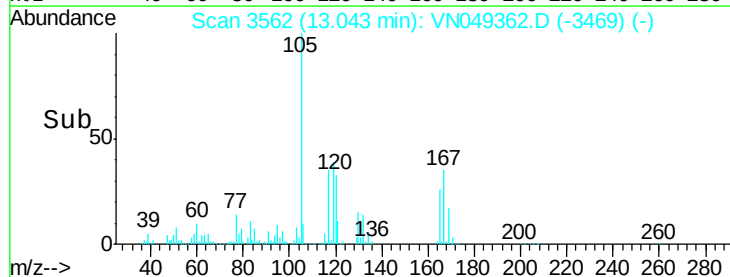
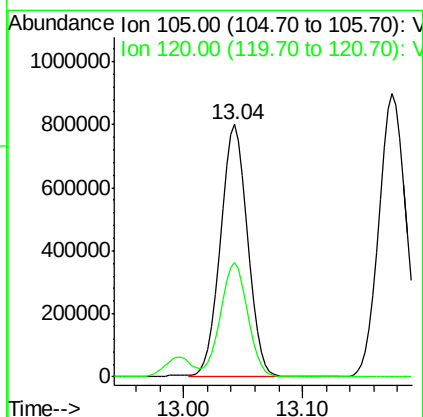
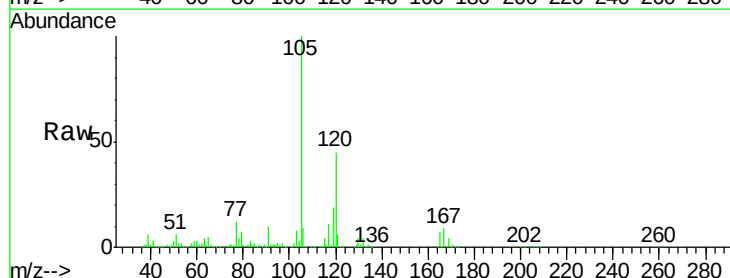
Instrument :  
 MSVOA\_N  
 ClientSampleId :

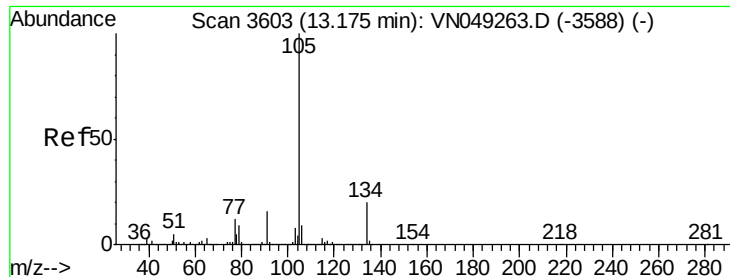
Tot Ion:119 Resp: 1085261  
 Ion Ratio Lower Upper  
 119 100  
 91 64.5 33.7 101.0  
 134 25.7 12.9 38.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.94 ug/l  
 RT: 13.04 min Scan# 3562  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Tgt Ion:105 Resp: 1261051  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.81 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

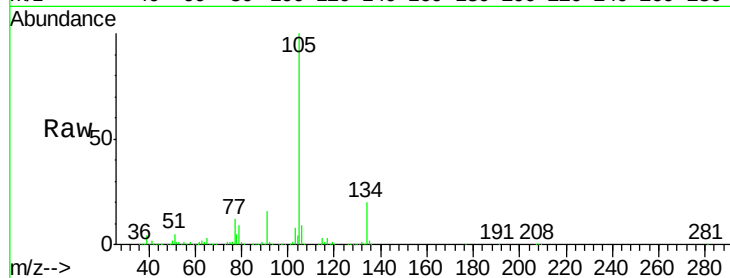
ClientSampled :

Tot Ion:105 Resp: 1416096

Ion Ratio Lower Upper

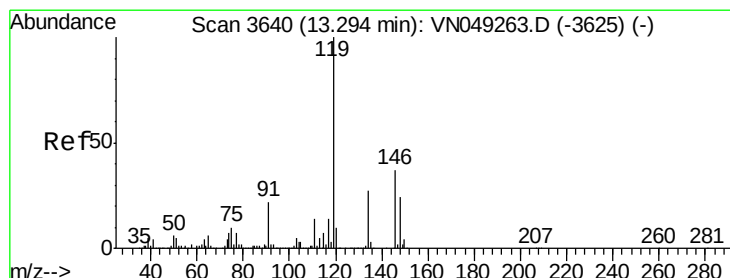
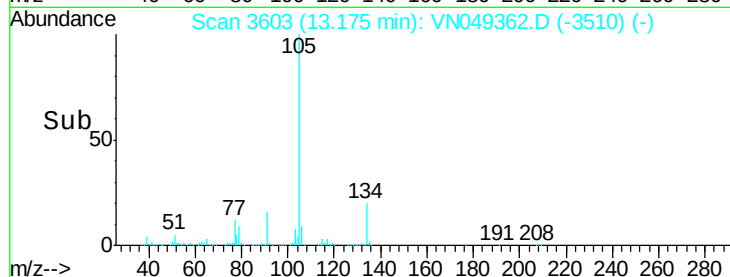
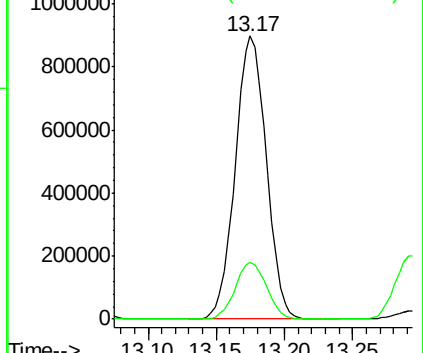
105 100

134 20.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.01 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

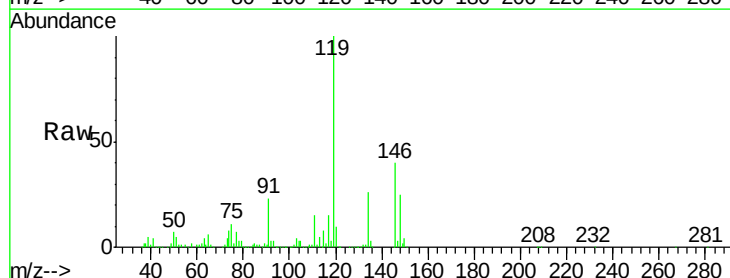
Tgt Ion:119 Resp: 1194596

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

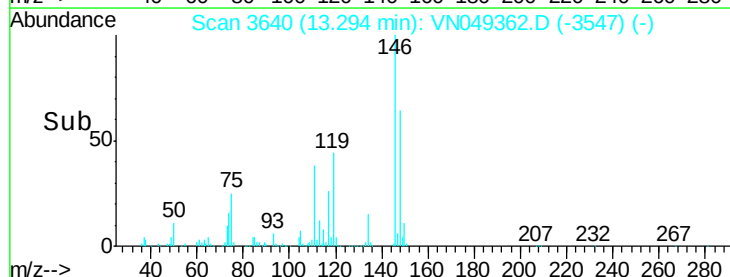
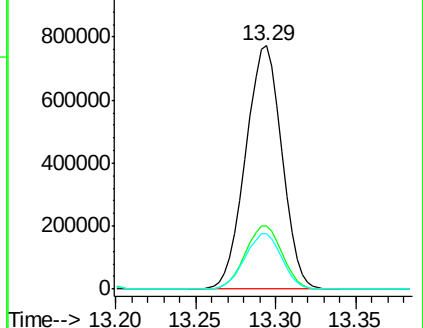
91 23.0 12.1 36.3



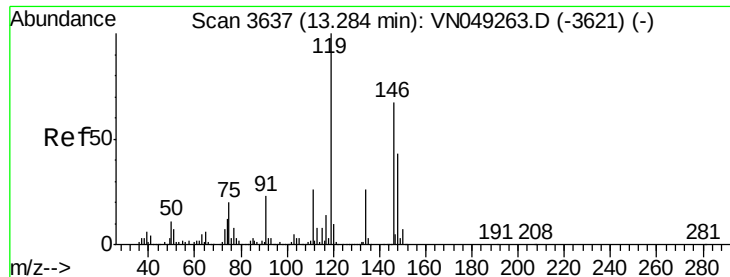
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



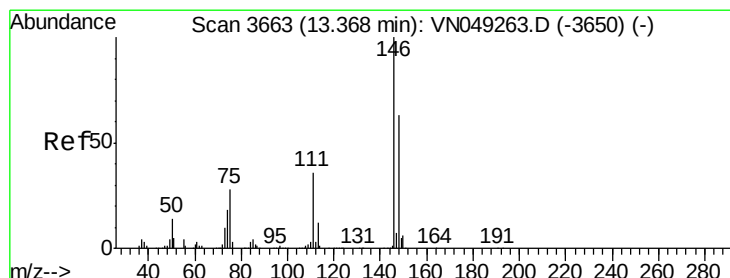
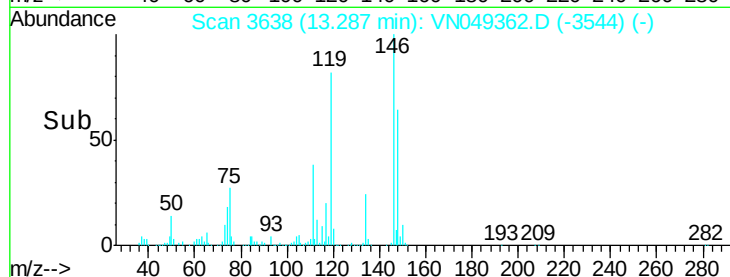
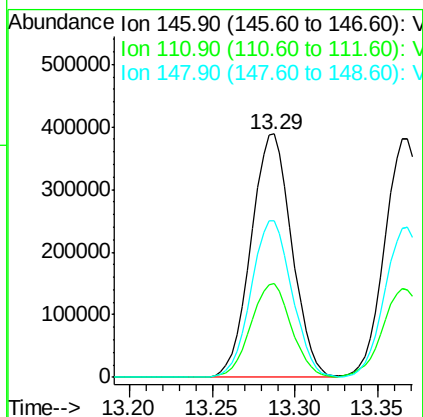
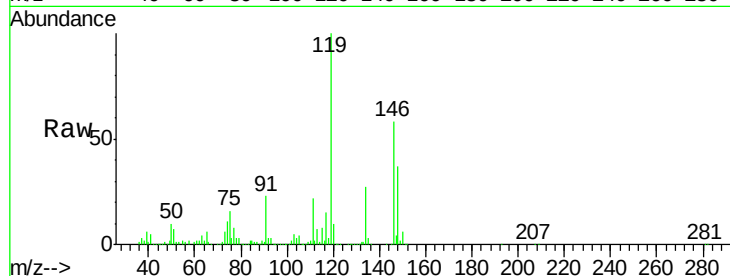




#87  
 1,3-Dichlorobenzene  
 Concen: 19.91 ug/l  
 RT: 13.29 min Scan# 3638  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

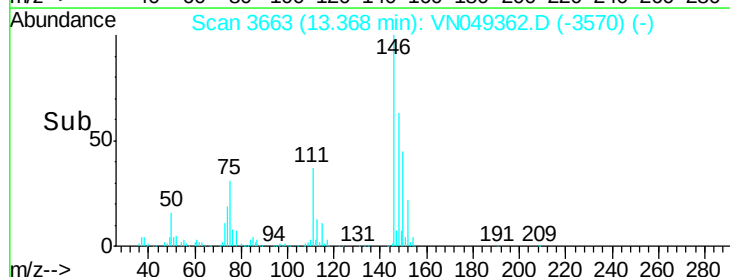
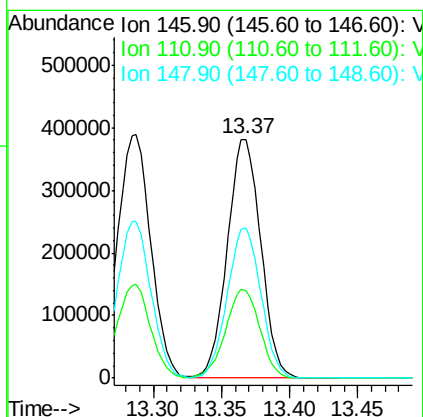
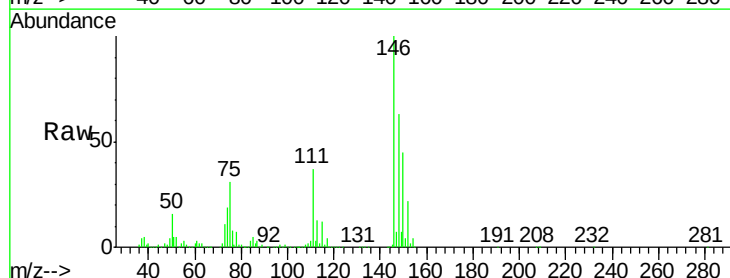
Instrument :  
 MSVOA\_N  
 ClientSampleId :

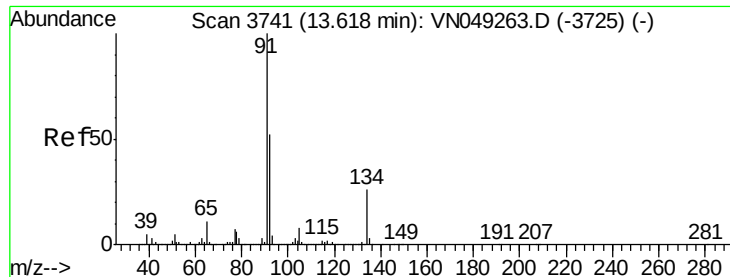
Tot Ion:146 Resp: 667149  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 19.9 59.6  
 148 64.4 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.56 ug/l  
 RT: 13.37 min Scan# 3663  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Tgt Ion:146 Resp: 649472  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 19.1 57.1  
 148 63.3 32.0 96.2

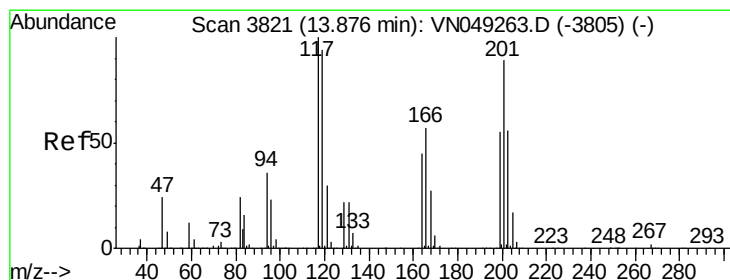
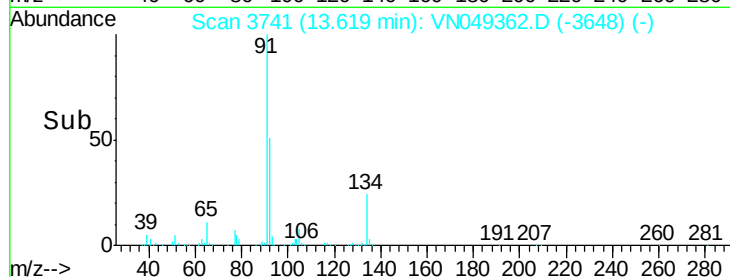
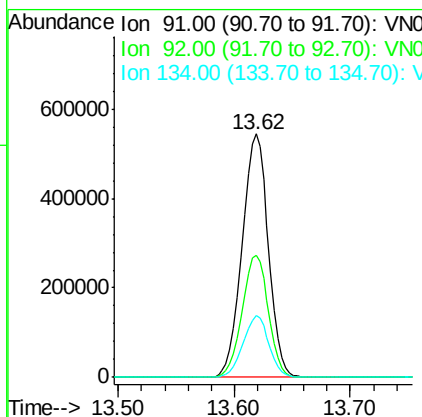
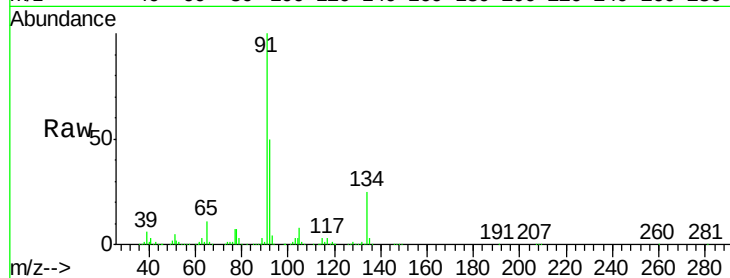




#89  
n-Butylbenzene  
Concen: 18.31 ug/l  
RT: 13.62 min Scan# 3741  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

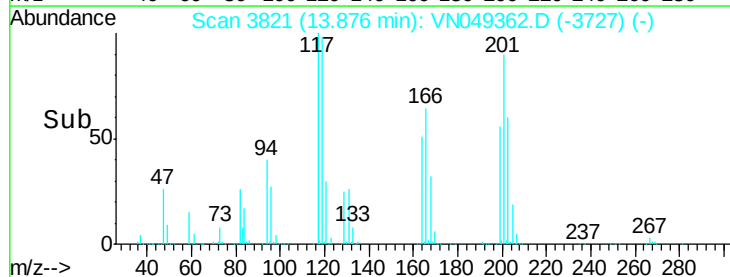
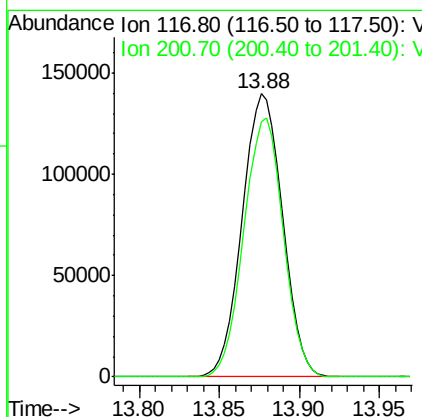
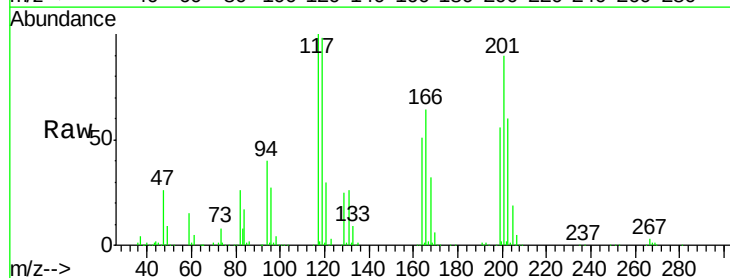
Instrument :  
MSVOA\_N  
ClientSampleId :

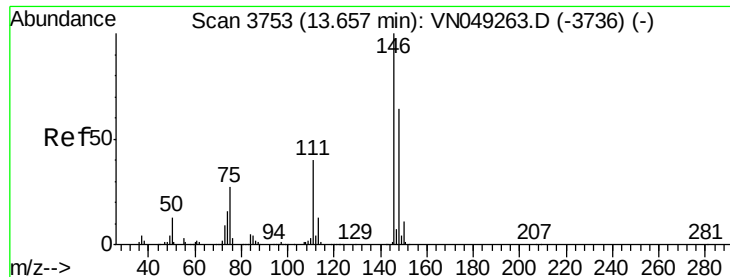
Tot Ion: 91 Resp: 853916  
Ion Ratio Lower Upper  
91 100  
92 50.2 25.1 75.4  
134 25.0 12.0 36.0



#90  
Hexachloroethane  
Concen: 20.32 ug/l  
RT: 13.88 min Scan# 3821  
Delta R.T. 0.00 min  
Lab File: VN049362.D  
Acq: 19 Jun 2018 00:14

Tgt Ion: 117 Resp: 240948  
Ion Ratio Lower Upper  
117 100  
201 89.4 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 20.33 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampled :

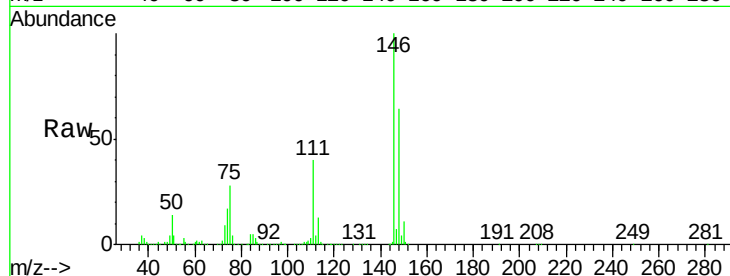
Tot Ion:146 Resp: 668158

Ion Ratio Lower Upper

146 100

111 39.5 20.8 62.2

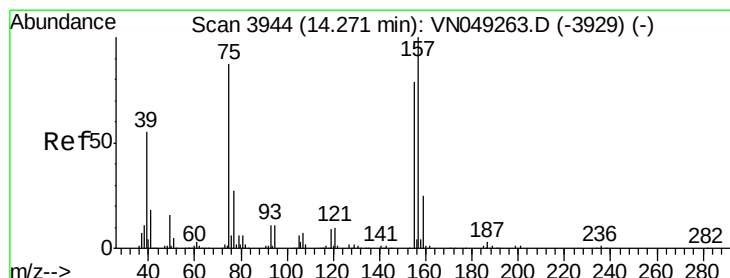
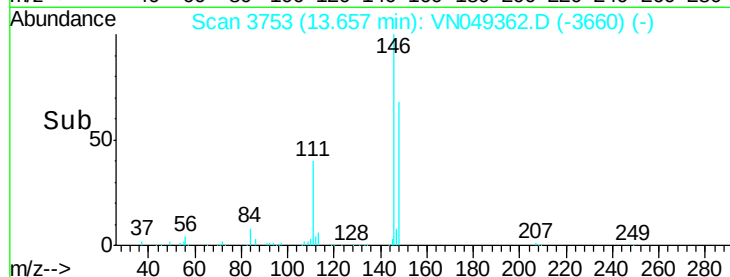
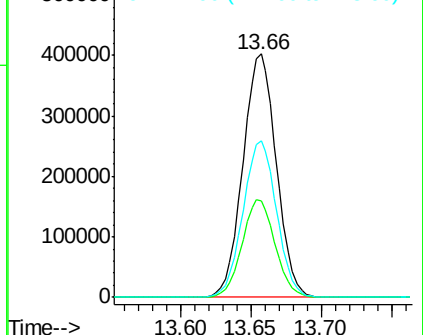
148 64.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.45 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

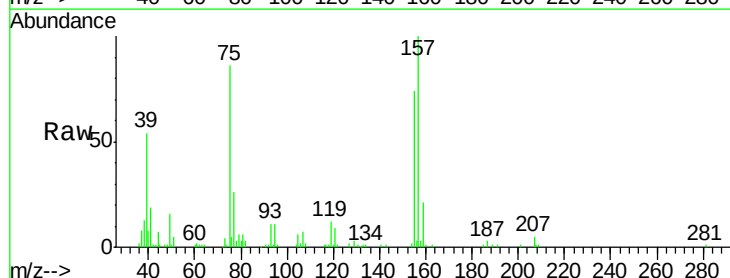
Tgt Ion: 75 Resp: 57594

Ion Ratio Lower Upper

75 100

155 87.9 38.8 116.3

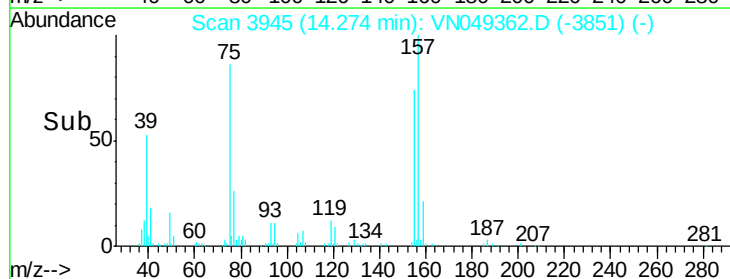
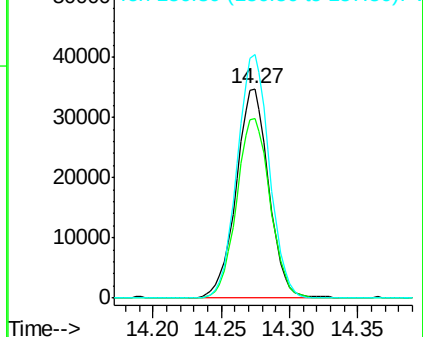
157 114.7 51.0 153.1

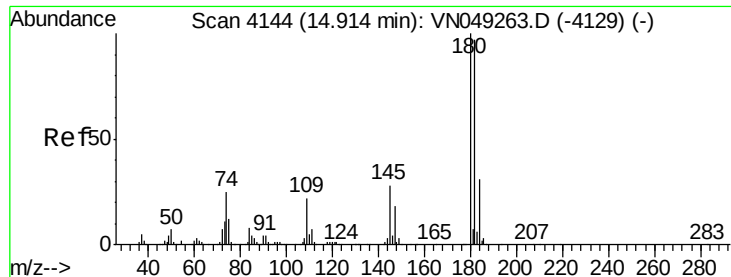


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

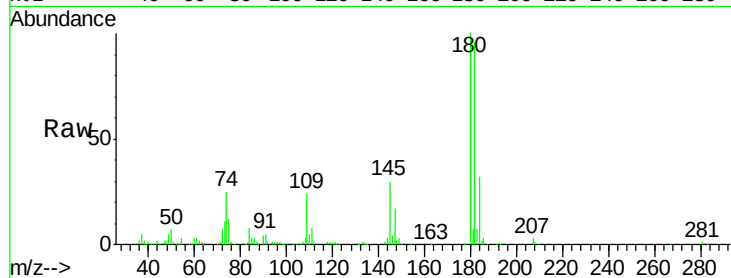




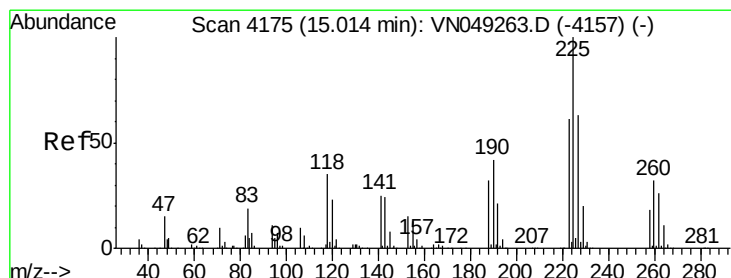
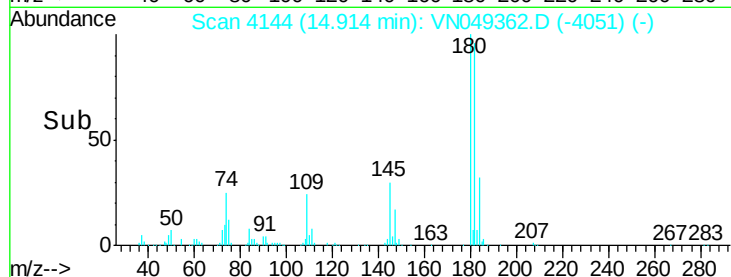
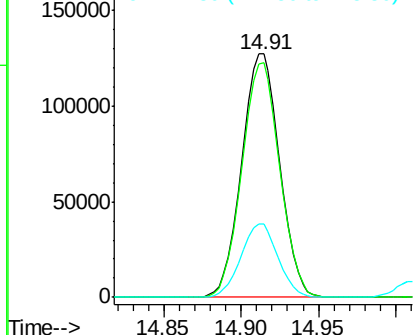
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.80 ug/l  
 RT: 14.91 min Scan# 4144  
 Delta R.T. 0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 217290  
 Ion Ratio Lower Upper  
 180 100  
 182 95.8 46.9 140.8  
 145 29.5 14.7 44.1

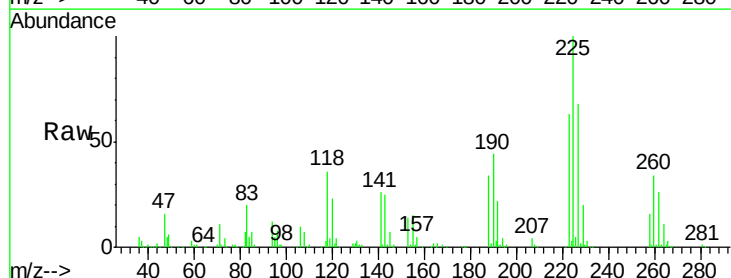


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

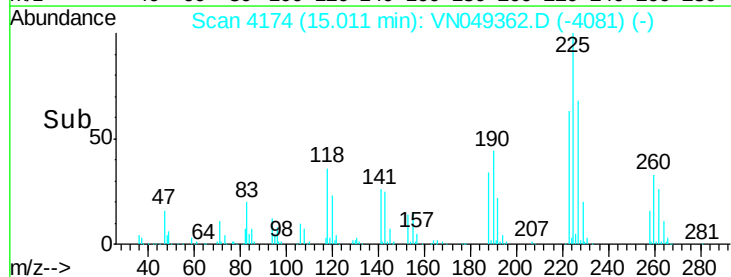
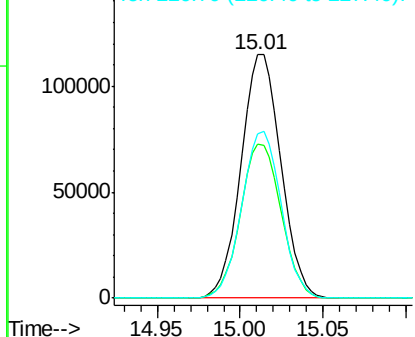


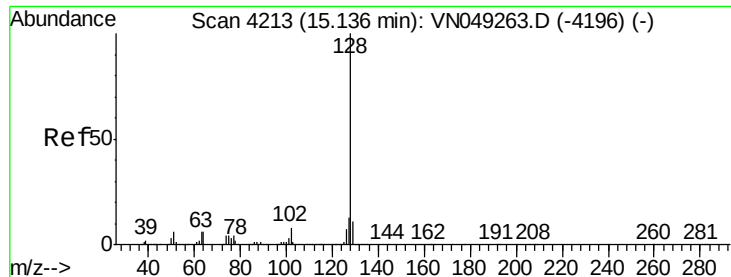
#94  
 Hexachlorobutadiene  
 Concen: 18.32 ug/l  
 RT: 15.01 min Scan# 4174  
 Delta R.T. -0.00 min  
 Lab File: VN049362.D  
 Acq: 19 Jun 2018 00:14

Tgt Ion:225 Resp: 192620  
 Ion Ratio Lower Upper  
 225 100  
 223 64.7 32.1 96.3  
 227 67.5 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.51 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

Instrument :

MSVOA\_N

ClientSampleId :

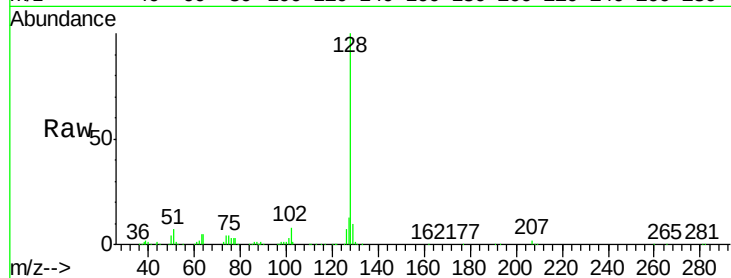
Tot Ion:128 Resp: 446392

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

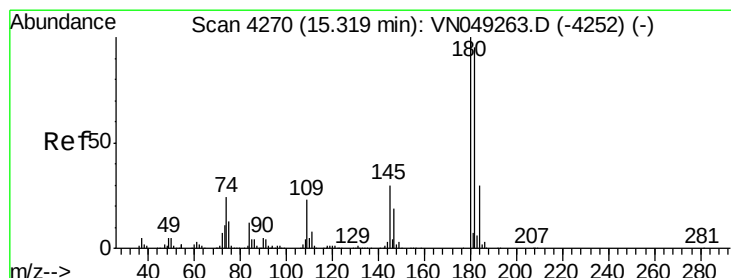
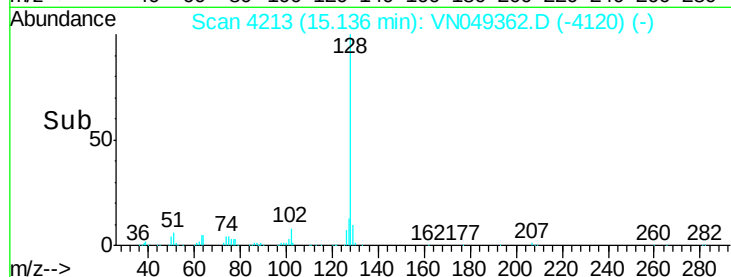
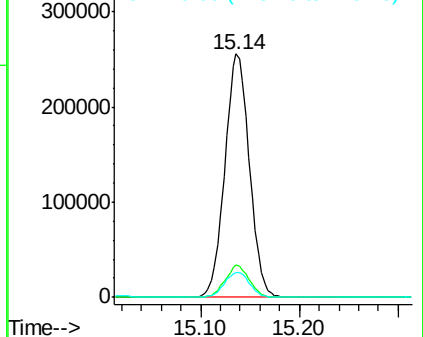
129 10.7 8.5 12.7



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: 18.66 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049362.D

Acq: 19 Jun 2018 00:14

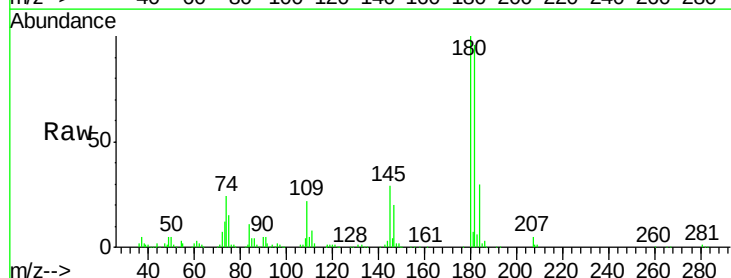
Tgt Ion:180 Resp: 240494

Ion Ratio Lower Upper

180 100

182 97.4 47.3 141.8

145 29.6 15.6 46.7



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

