

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112118\  
 Data File : VN052426.D  
 Acq On : 21 Nov 2018 9:43  
 Operator : MD\SY  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/26/2018 4:56:25 PM

Quant Time: Nov 22 00:08:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 282252   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 465960   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 420370   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 195851   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 205730   | 51.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.22% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 151654   | 50.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.92% |      |
| 50) Toluene-d8            | 10.09  | 98  | 592331   | 50.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.20% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 205735   | 52.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.80% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 141094  | 47.17  | ug/l | 97     |
| 3) Chloromethane              | 2.06 | 50  | 180478  | 43.42  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.19 | 62  | 166031  | 46.21  | ug/l | 98     |
| 5) Bromomethane               | 2.57 | 94  | 98447   | 43.95  | ug/l | 100    |
| 6) Chloroethane               | 2.71 | 64  | 96154   | 47.33  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 255184  | 51.33  | ug/l | 96     |
| 8) Diethyl Ether              | 3.41 | 74  | 81515   | 43.02  | ug/l | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 150415  | 47.91  | ug/l | 98     |
| 10) Methyl Iodide             | 3.96 | 142 | 167898  | 39.83  | ug/l | 95     |
| 11) Tert butyl alcohol        | 4.77 | 59  | 38037   | 180.67 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 129321  | 44.51  | ug/l | 96     |
| 13) Acrolein                  | 3.61 | 56  | 82006   | 257.53 | ug/l | 99     |
| 14) Allyl chloride            | 4.33 | 41  | 293122  | 49.13  | ug/l | 93     |
| 15) Acrylonitrile             | 4.98 | 53  | 259003  | 215.45 | ug/l | 99     |
| 16) Acetone                   | 3.81 | 43  | 274273  | 249.88 | ug/l | 92     |
| 17) Carbon Disulfide          | 4.06 | 76  | 396569  | 47.60  | ug/l | 99     |
| 18) Methyl Acetate            | 4.32 | 43  | 136661  | 44.48  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73  | 382508  | 45.81  | ug/l | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 154721  | 46.28  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 143474  | 45.86  | ug/l | 95     |
| 22) Diisopropyl ether         | 5.95 | 45  | 609165  | 50.04  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1907698 | 231.02 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 312532  | 47.88  | ug/l | 100    |
| 25) 2-Butanone                | 6.83 | 43  | 353960  | 229.11 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 233036  | 48.55  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 169181  | 46.46  | ug/l | 94     |
| 28) Bromochloromethane        | 7.19 | 49  | 165695  | 49.37  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 213409  | 210.27 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 311413  | 50.06  | ug/l | 95     |
| 31) Cyclohexane               | 7.65 | 56  | 292903  | 48.30  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 262375  | 49.51  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 240227  | 51.44  | ug/l | 98     |
| 37) Ethyl Acetate             | 6.93 | 43  | 145329  | 42.88  | ug/l | 96     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 227528  | 53.03  | ug/l | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/26/2018 4:56:25 PM

Quant Time: Nov 22 00:08:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 273726   | 51.34  | ug/l   | 97       |
| 40) Benzene                    | 8.04  | 78   | 652764   | 48.93  | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.17  | 41   | 81432    | 43.76  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 255950   | 53.80  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 274007   | 41.89  | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 164050   | 49.92  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 185662   | 49.03  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 106144   | 48.42  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 241875   | 53.77  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 142328   | 42.89  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 22034    | 864.87 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 766555   | 232.83 | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 400882   | 50.23  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 226707   | 49.97  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 266587   | 51.55  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 138120   | 47.74  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 172791   | 45.41  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 252527   | 49.27  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 526649   | 243.10 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 535595   | 236.51 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 160250   | 51.19  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 133995   | 46.49  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 148810   | 49.79  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 441230   | 49.66  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 152903   | 50.46  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 797090   | 51.69  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 587914   | 104.34 | ug/l   | 97       |
| 69) o-Xylene                   | 11.95 | 106  | 281947   | 52.20  | ug/l   | 97       |
| 70) Styrene                    | 11.96 | 104  | 461975   | 53.42  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 92698    | 51.82  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.25 | 105  | 783607   | 49.76  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 228937   | 40.82  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 165086   | 43.37  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 144808m  | 43.57  | ug/l   |          |
| 77) Bromobenzene               | 12.53 | 156  | 172419   | 47.06  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 940749   | 51.08  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 532793   | 49.52  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 638483   | 50.99  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 44950    | 43.87  | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 550962   | 49.99  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 558515   | 50.52  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 646398   | 51.42  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 778946   | 51.72  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 664425   | 52.08  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 321737   | 49.45  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 311573   | 48.16  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 605075   | 55.23  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 117514   | 52.01  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 304585   | 48.32  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 25662    | 45.72  | ug/l   | 88       |

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Operator : MD\SY  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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11/26/2018 4:56:25 PM

Quant Time: Nov 22 00:08:34 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 15 03:02:37 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 143018   | 48.81 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 76453    | 52.99 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 289472   | 42.18 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 124812   | 52.10 | ug/l  | 98       |

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

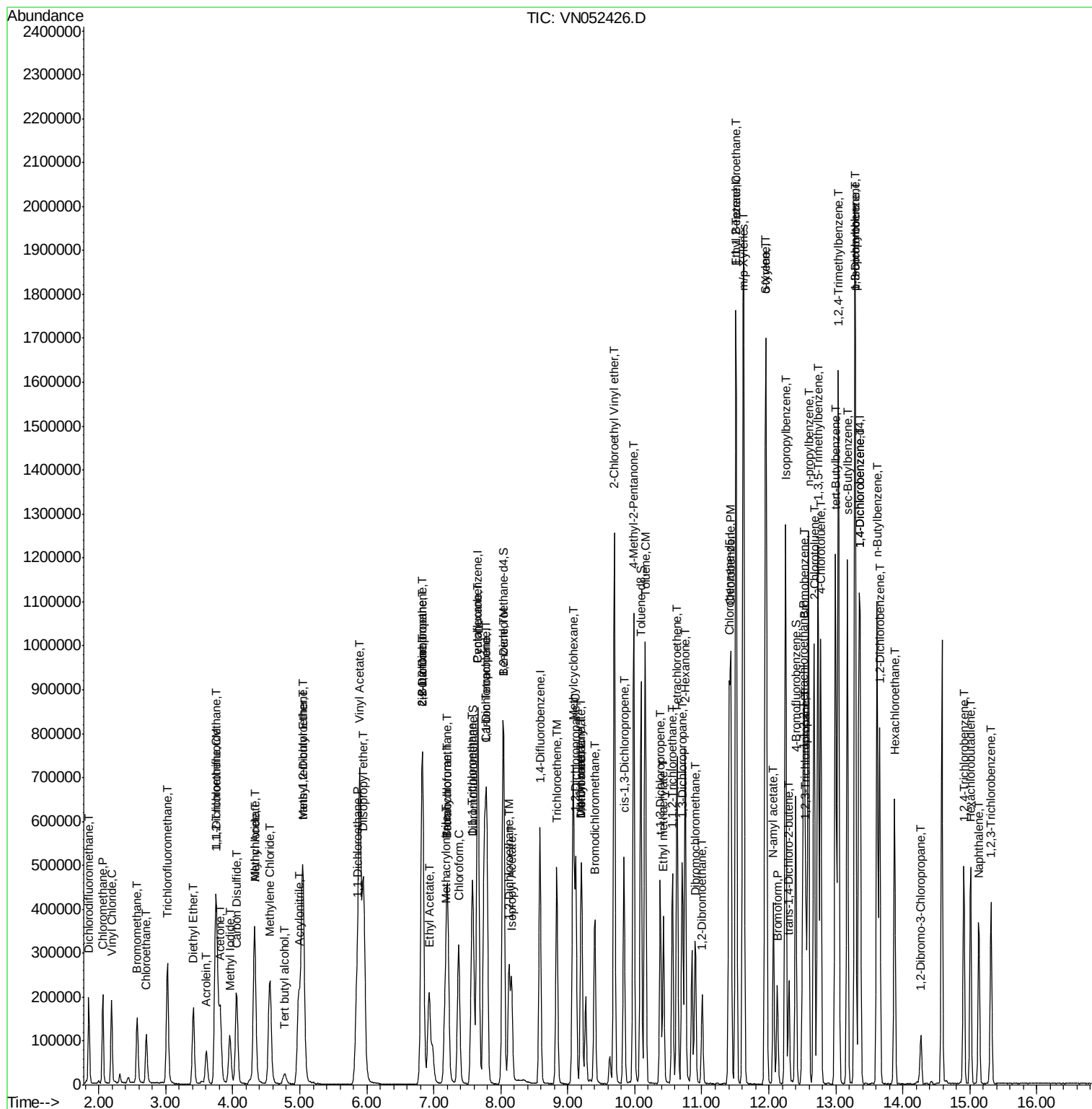
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 Data File : VN052426.D  
 Acq On : 21 Nov 2018 9:43  
 Operator : MD\SY  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 28

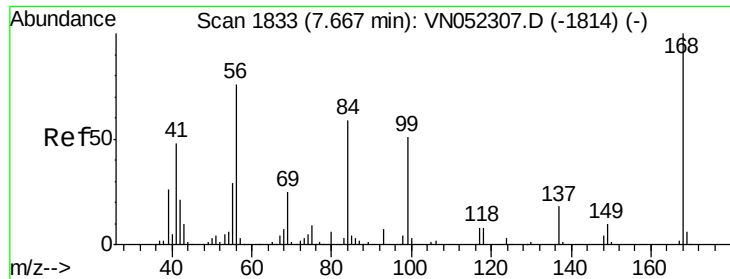
Instrument :  
 MSVOA\_N  
 Client Sample Id :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/26/2018 4:56:25 PM

Quant Time: Nov 22 00:08:34 2018  
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 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 282252

Ion Ratio Lower Upper

168 100

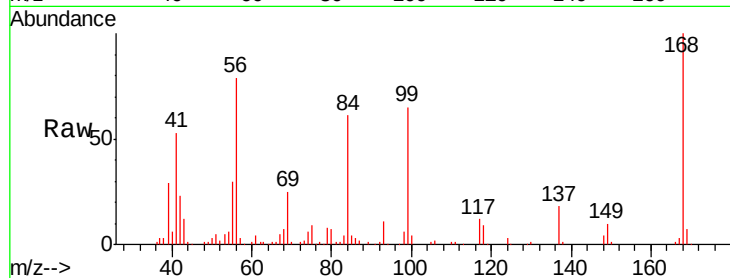
99 64.2 47.9 71.9

Manual Integrations

APPROVED

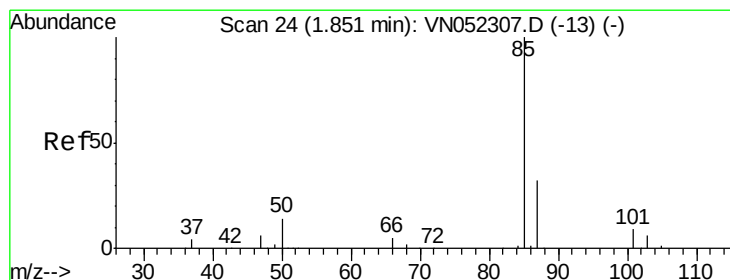
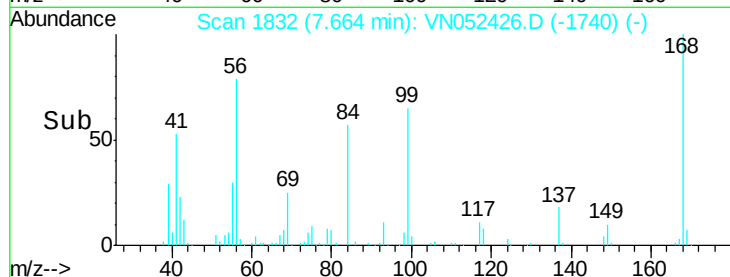
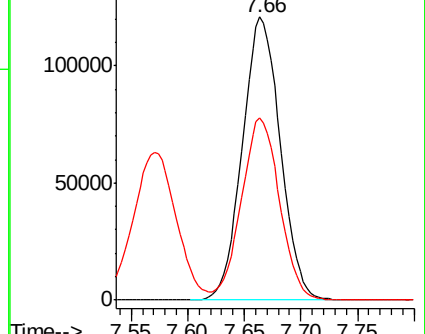
MMDadoda

11/26/2018 4:56:25 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 47.17 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052426.D

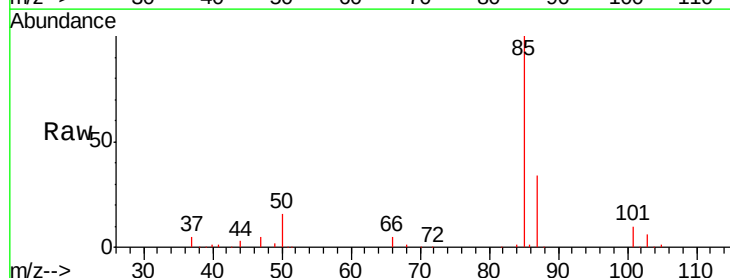
Acq: 21 Nov 2018 9:43

Tgt Ion: 85 Resp: 141094

Ion Ratio Lower Upper

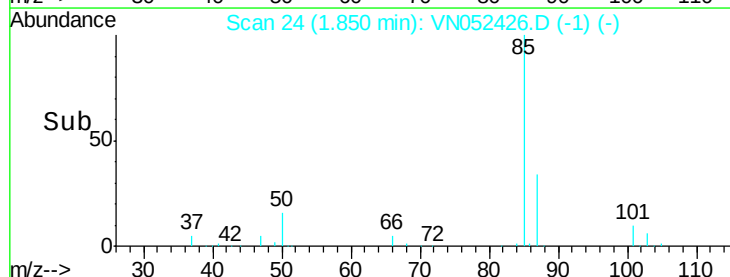
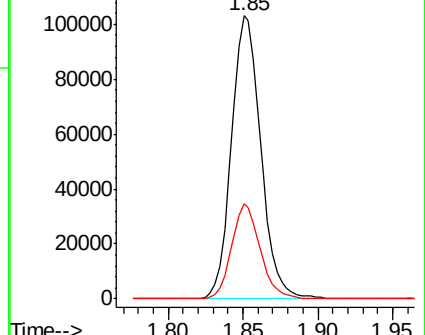
85 100

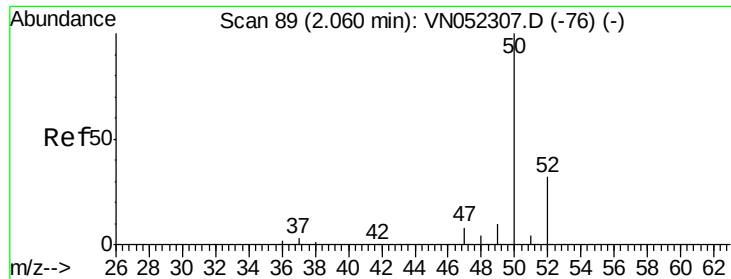
87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 43.42 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tgt Ion: 50 Resp: 180478

Ion Ratio Lower Upper

50 100

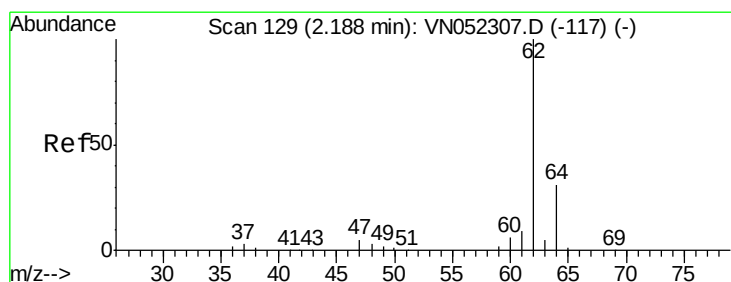
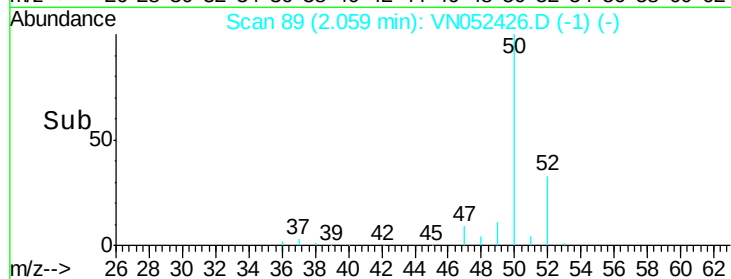
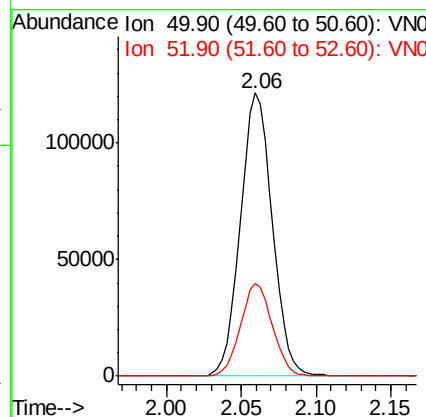
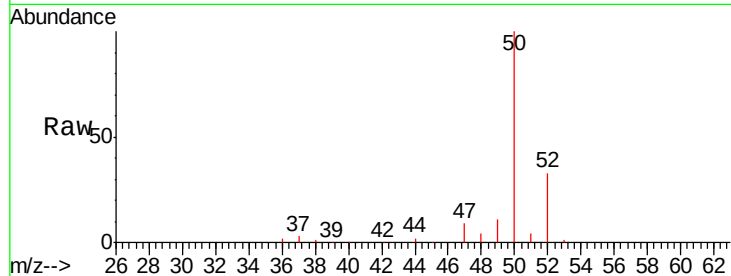
52 32.7 25.5 38.3

Manual Integrations

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11/26/2018 4:56:25 PM



#4

Vinyl Chloride

Concen: 46.21 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052426.D

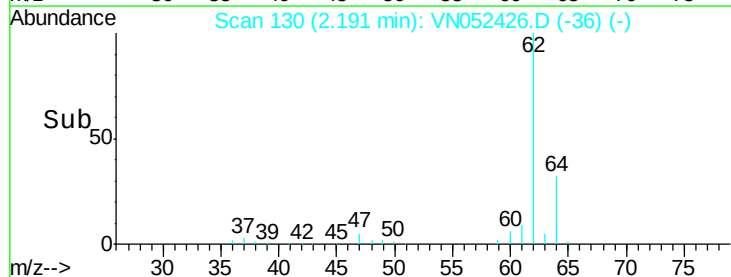
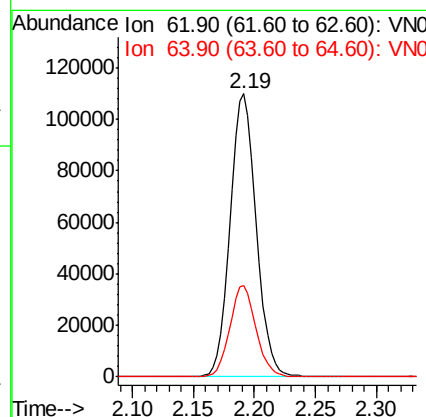
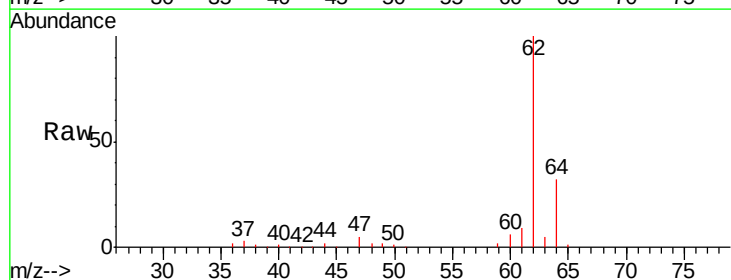
Acq: 21 Nov 2018 9:43

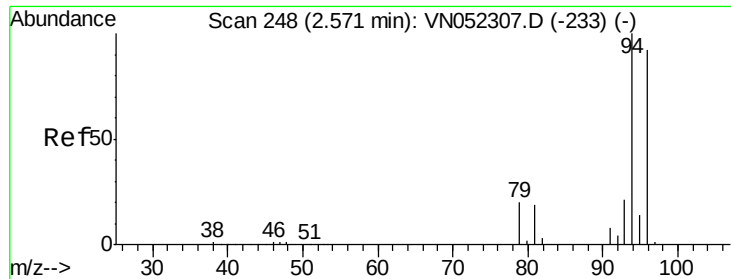
Tgt Ion: 62 Resp: 166031

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 43.95 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 98447

Ion Ratio Lower Upper

94 100

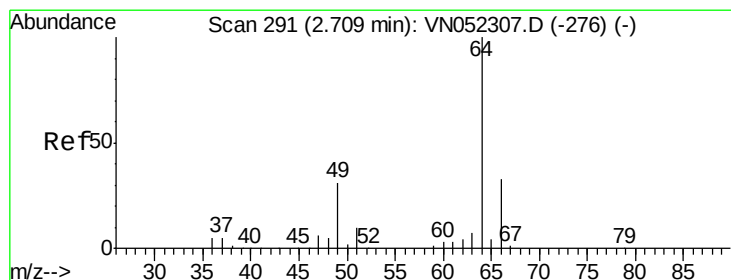
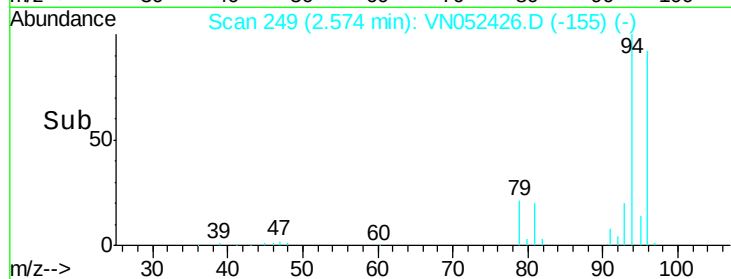
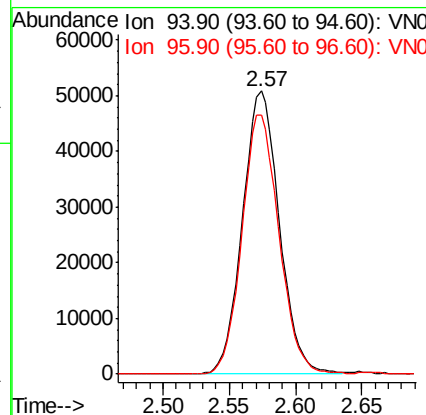
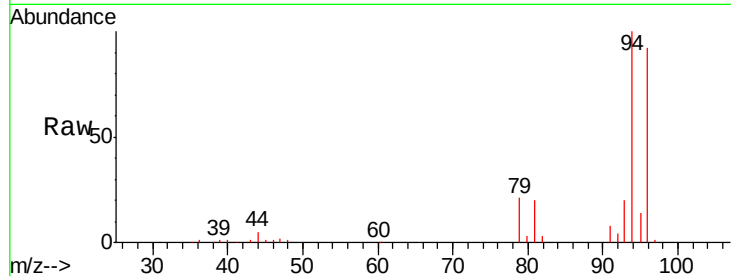
96 91.5 73.6 110.4

Manual Integrations

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11/26/2018 4:56:25 PM



#6

Chloroethane

Concen: 47.33 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052426.D

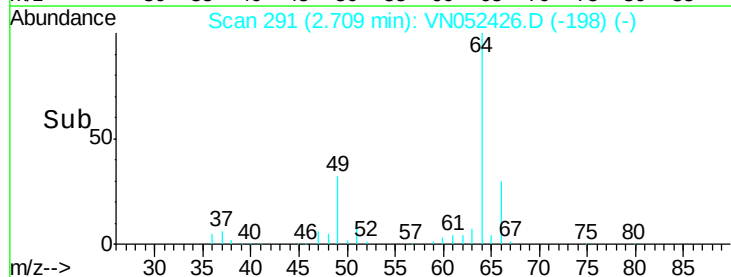
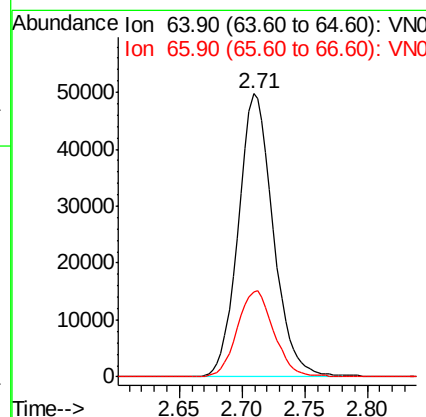
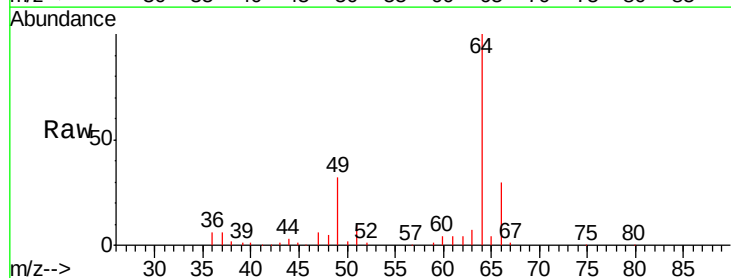
Acq: 21 Nov 2018 9:43

Tgt Ion: 64 Resp: 96154

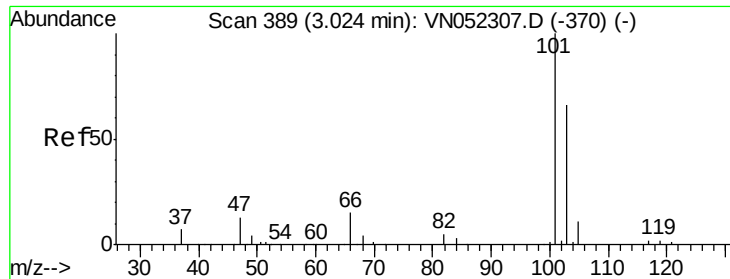
Ion Ratio Lower Upper

64 100

66 30.1 26.2 39.2







#7

Trichlorofluoromethane

Concen: 51.33 ug/l

RT: 3.02 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 101 Resp: 255184

Ion Ratio Lower Upper

101 100

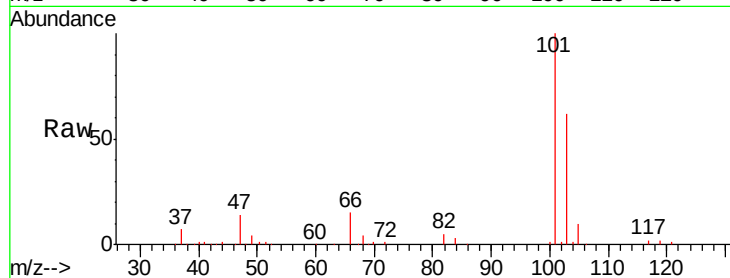
103 62.5 52.8 79.2

Manual Integrations

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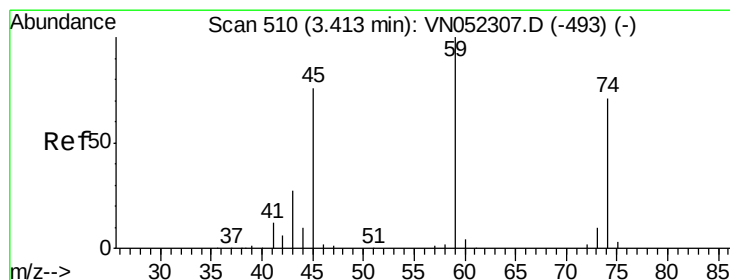
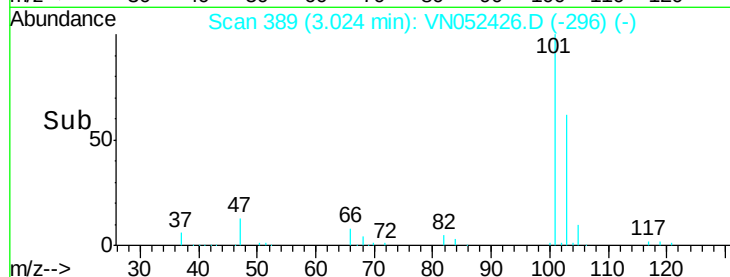
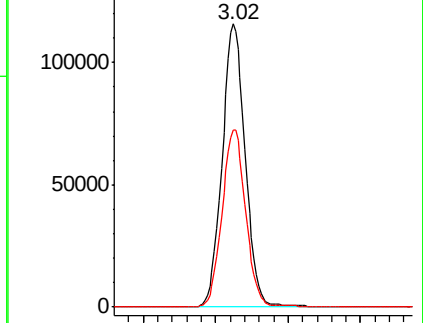
MMDadoda

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 43.02 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN052426.D

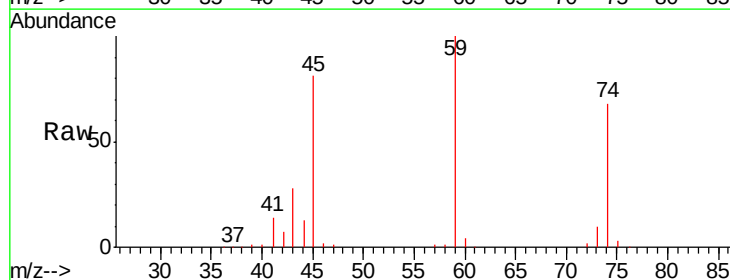
Acq: 21 Nov 2018 9:43

Tgt Ion: 74 Resp: 81515

Ion Ratio Lower Upper

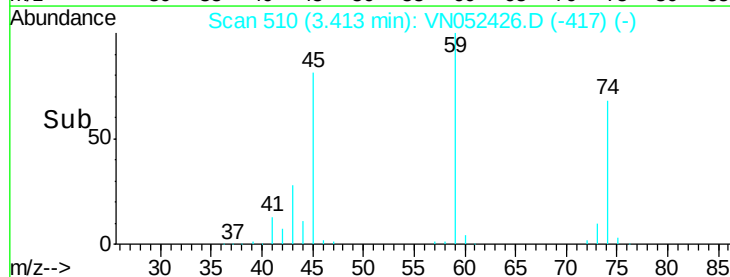
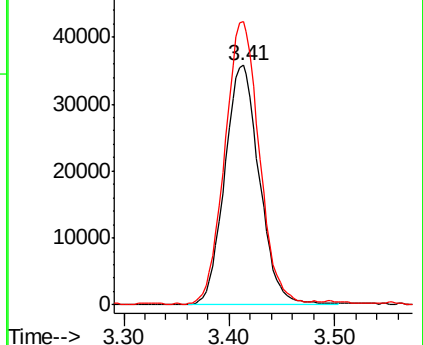
74 100

45 118.3 54.3 162.9

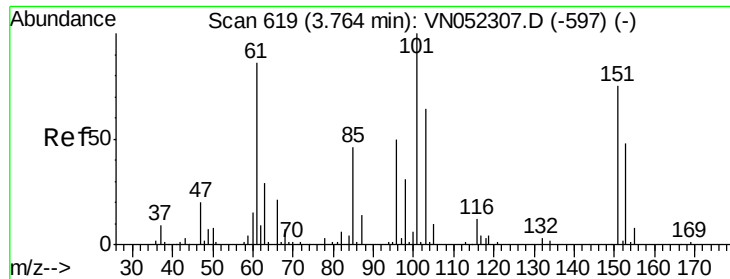


Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.91 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

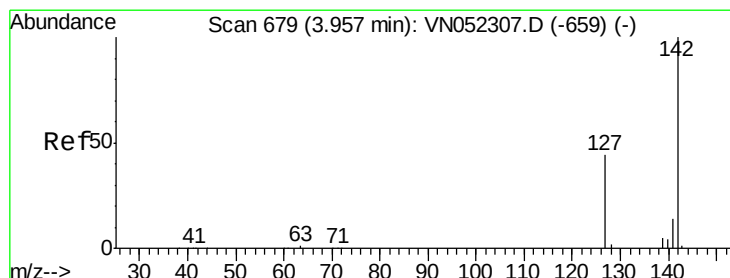
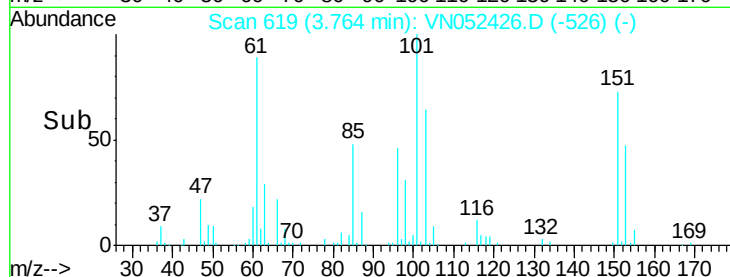
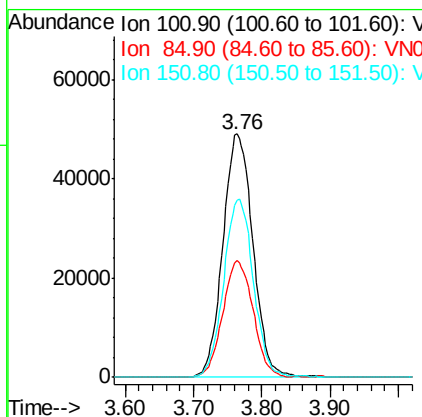
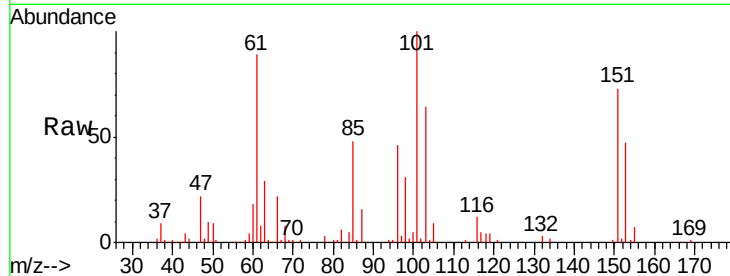
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 150415 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 48.3  | 37.4  | 56.0   |
| 151       | 72.3  | 58.6  | 88.0   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 39.83 ug/l

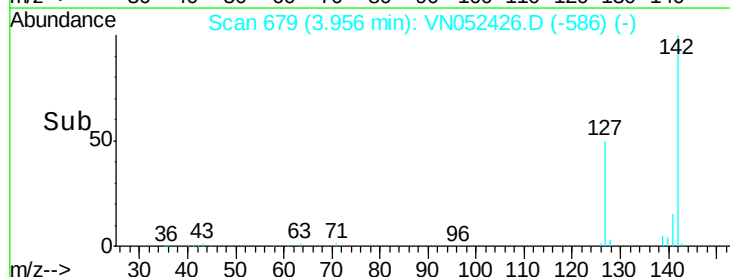
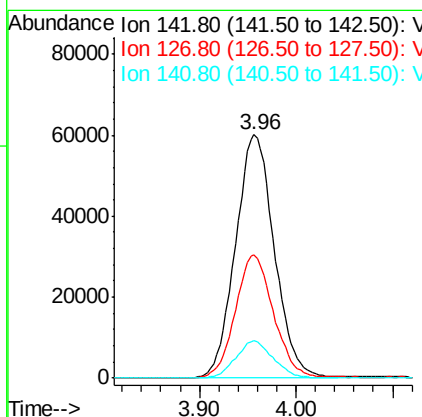
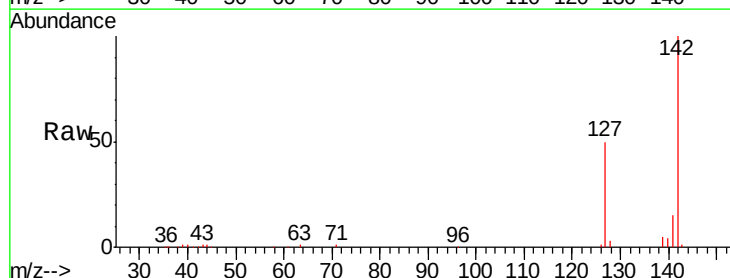
RT: 3.96 min Scan# 679

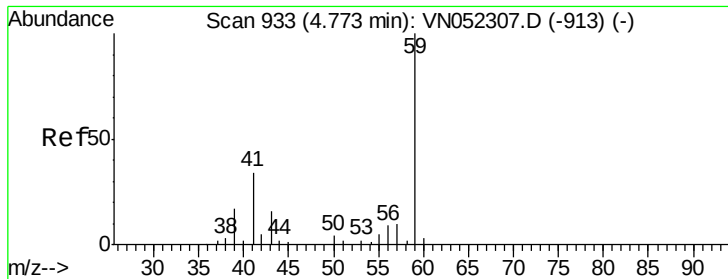
Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 167898 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 49.6  | 36.3  | 54.5   |
| 141       | 14.8  | 11.4  | 17.2   |





#11

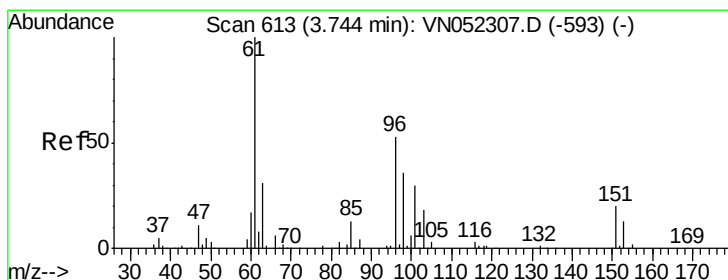
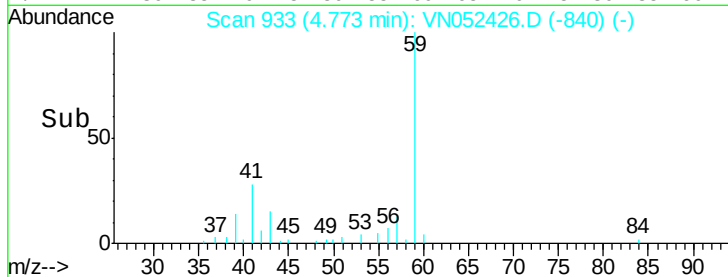
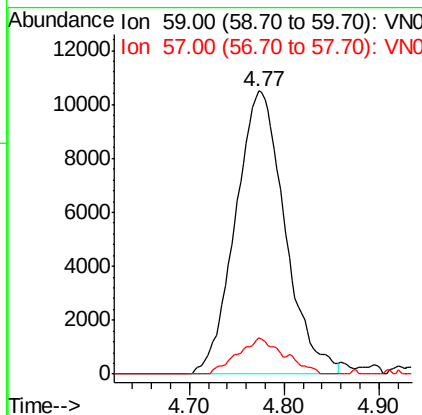
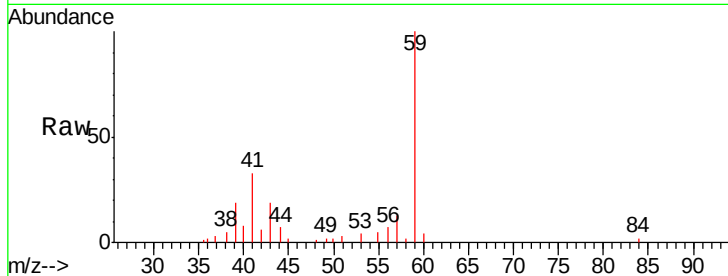
Tert butyl alcohol  
Concen: 180.67 ug/l  
RT: 4.77 min Scan# 933  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.8   | 8.5   | 12.7  |

Manual Integrations  
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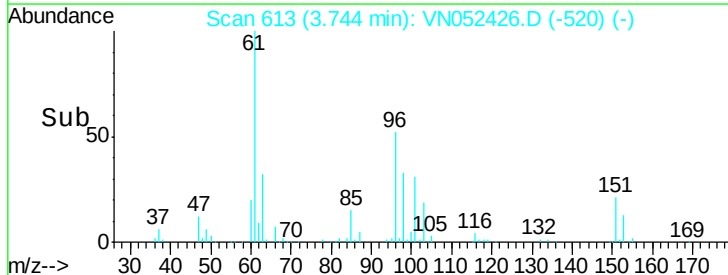
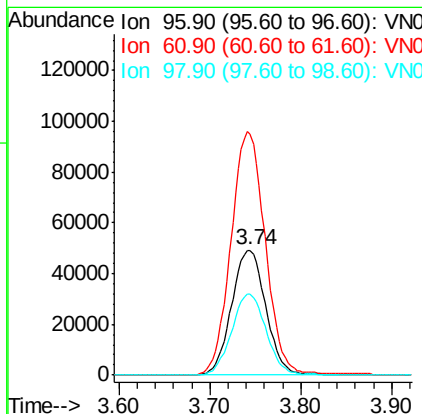
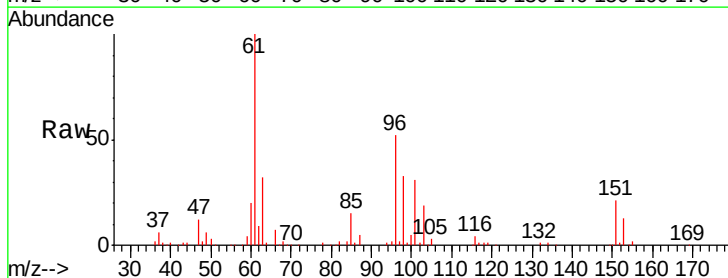
MMDadoda  
11/26/2018 4:56:25 PM

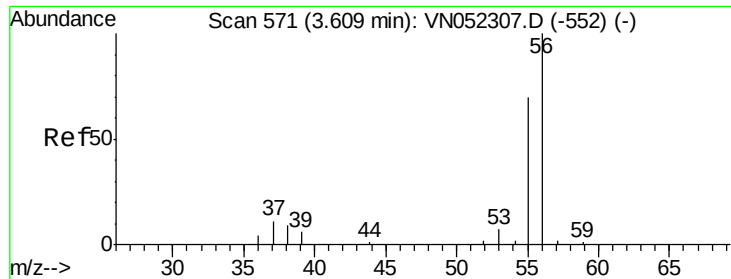


#12

1,1-Dichloroethene  
Concen: 44.51 ug/l  
RT: 3.74 min Scan# 613  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 192.8 | 149.6 | 224.4 |
| 98      | 64.3  | 54.2  | 81.2  |





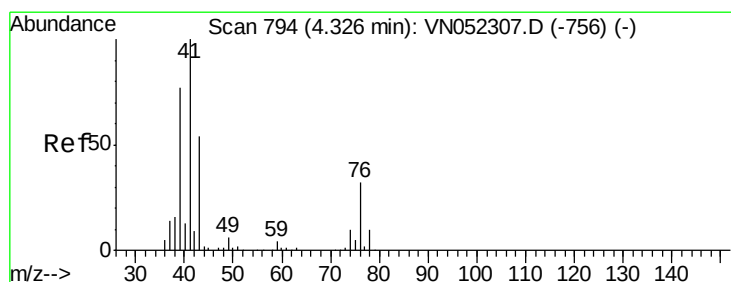
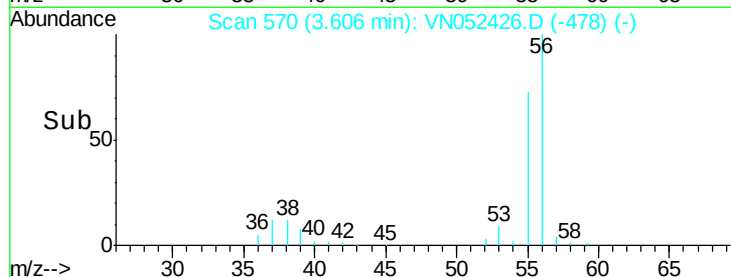
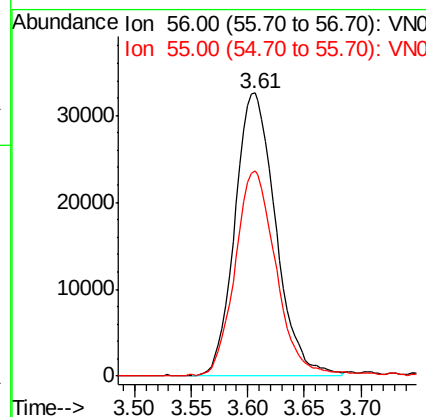
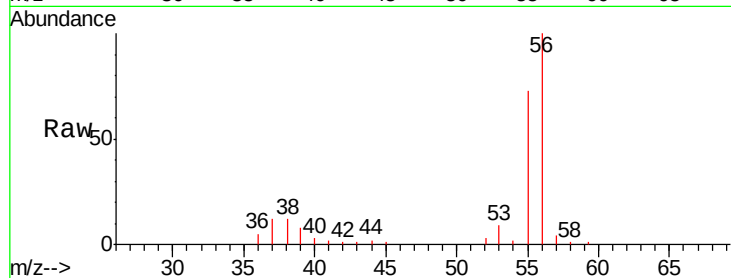
#13  
Acrolein  
Concen: 257.53 ug/l  
RT: 3.61 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 82006  
Ion Ratio Lower Upper  
56 100  
55 72.6 57.6 86.4

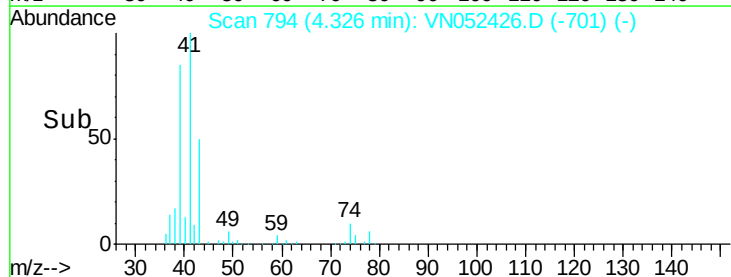
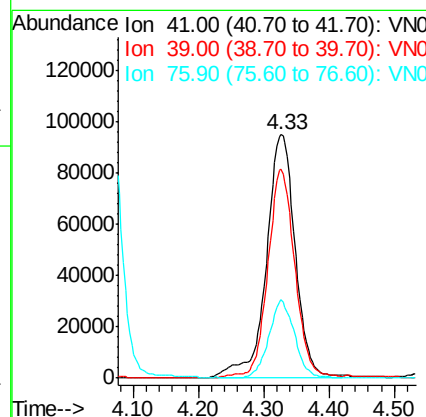
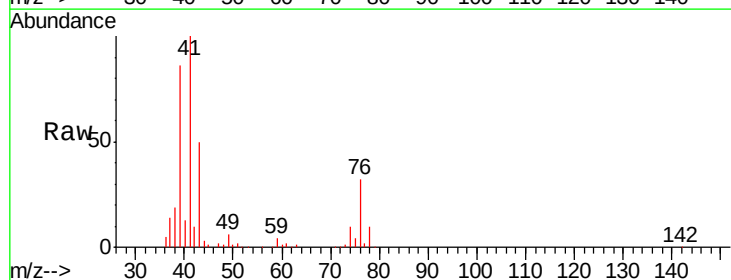
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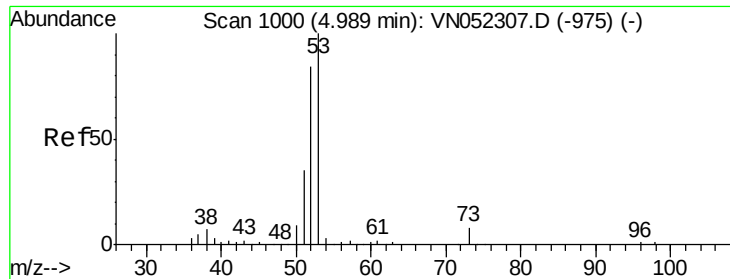
MMDadoda  
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#14  
Allyl chloride  
Concen: 49.13 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion: 41 Resp: 293122  
Ion Ratio Lower Upper  
41 100  
39 80.5 59.1 88.7  
76 28.0 24.1 36.1





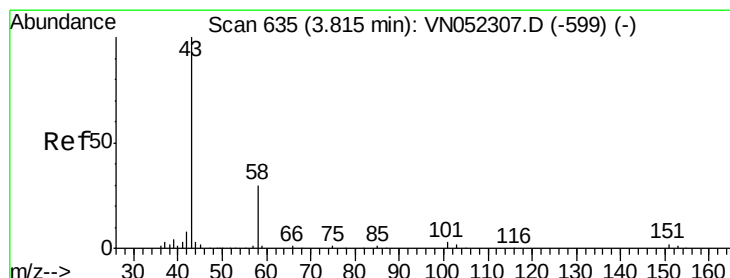
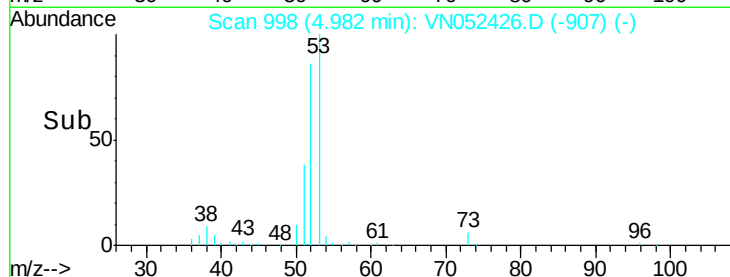
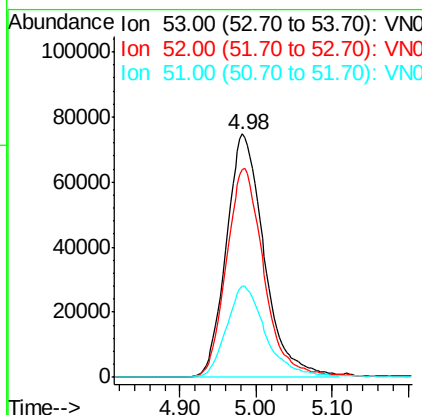
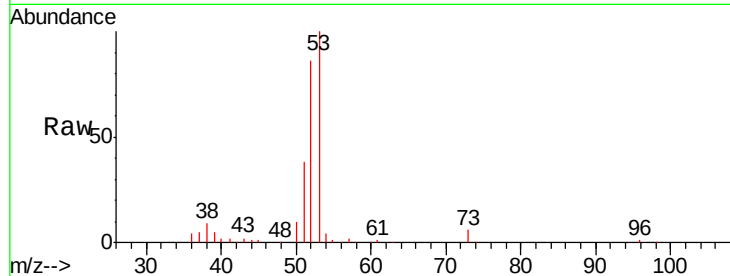
#15  
 Acrylonitrile  
 Concen: 215.45 ug/l  
 RT: 4.98 min Scan# 998  
 Delta R.T. -0.01 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 84.3  | 67.5  | 101.3 |
| 51      | 39.0  | 29.9  | 44.9  |

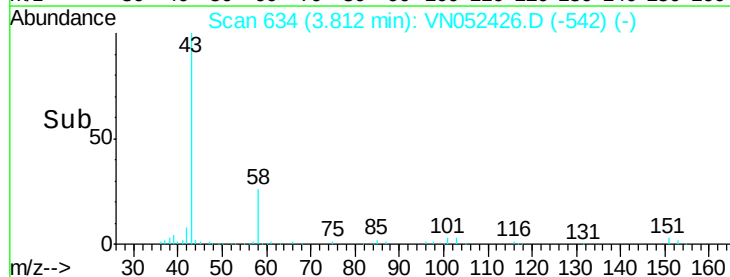
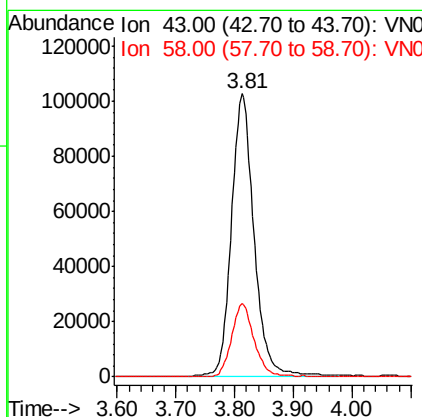
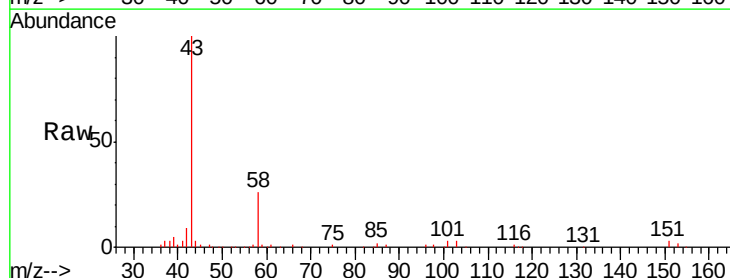
Manual Integrations  
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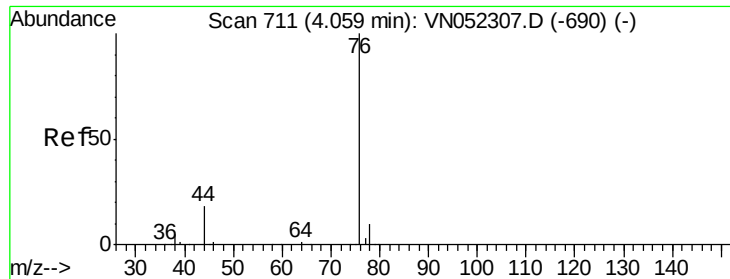
MMDadoda  
 11/26/2018 4:56:25 PM



#16  
 Acetone  
 Concen: 249.88 ug/l  
 RT: 3.81 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 26.0  | 24.2  | 36.4  |





#17

Carbon Disulfide

Concen: 47.60 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 396569

Ion Ratio Lower Upper

76 100

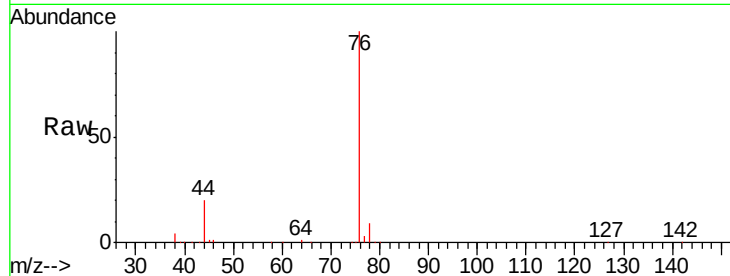
78 9.4 7.7 11.5

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

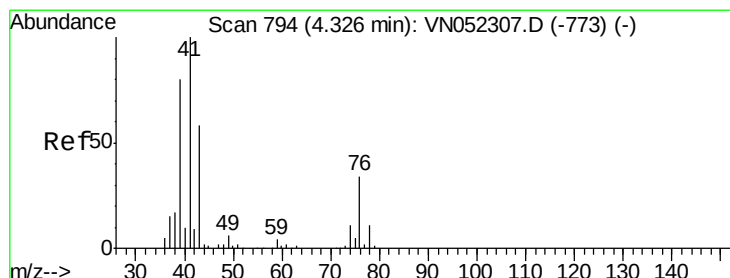
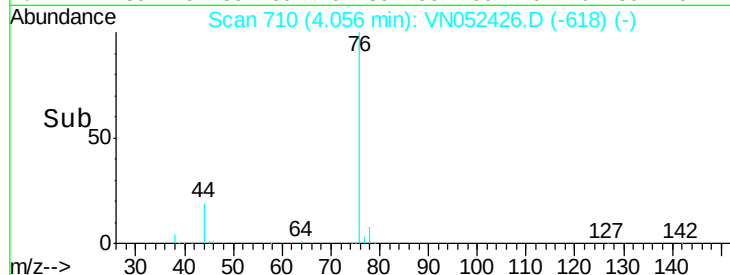
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 44.48 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052426.D

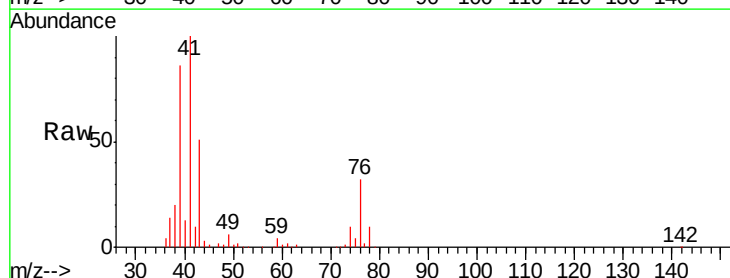
Acq: 21 Nov 2018 9:43

Tgt Ion: 43 Resp: 136661

Ion Ratio Lower Upper

43 100

74 20.2 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

50000

40000

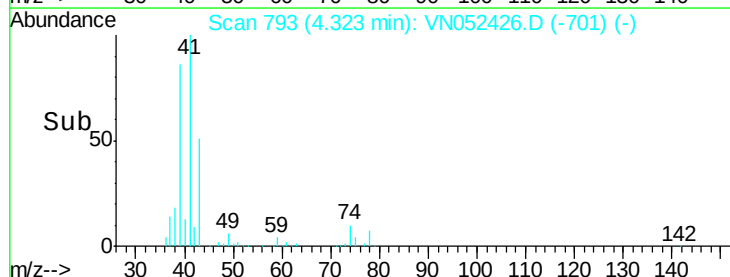
30000

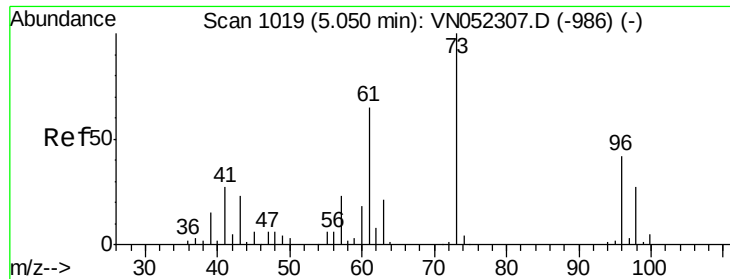
20000

10000

0

Time-->





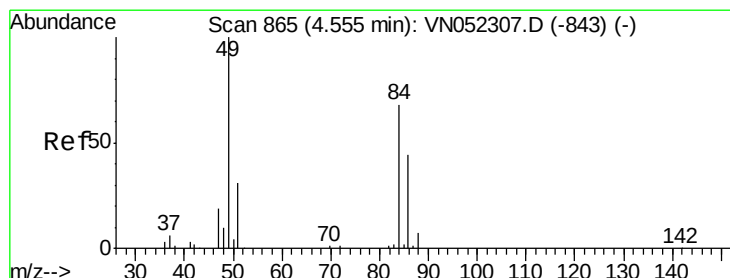
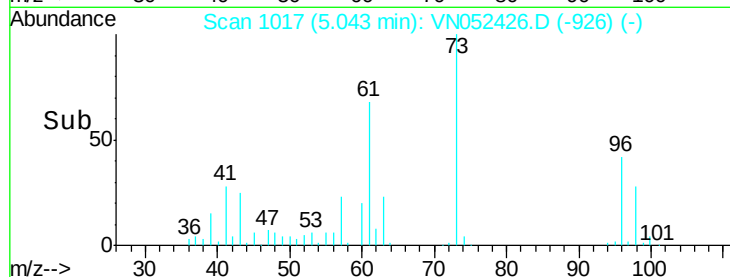
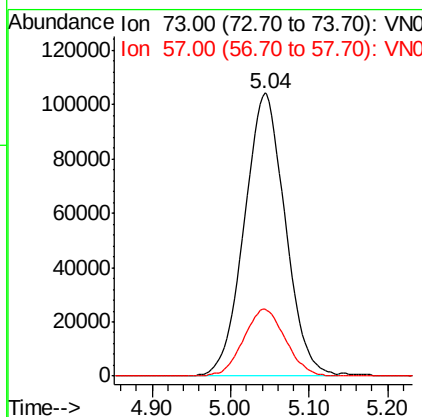
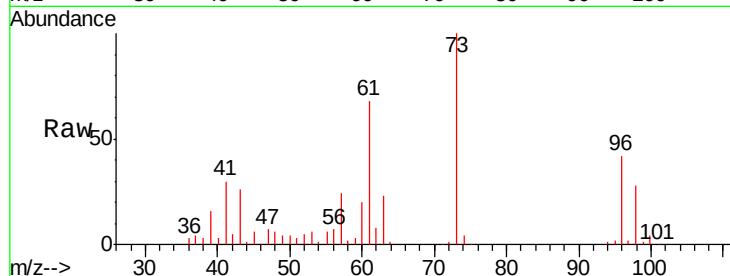
#19  
Methyl tert-butyl Ether  
Concen: 45.81 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 73 Resp: 382508  
Ion Ratio Lower Upper  
73 100  
57 23.7 18.7 28.1

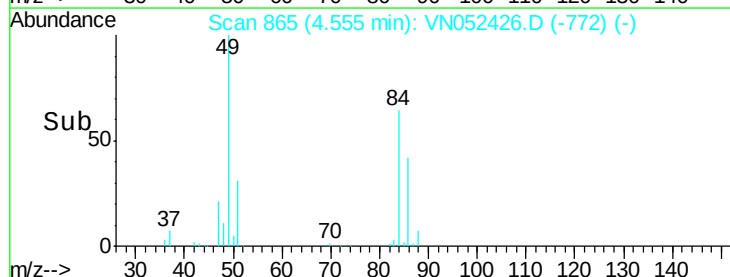
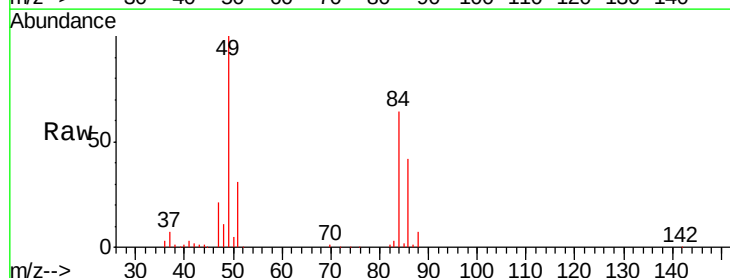
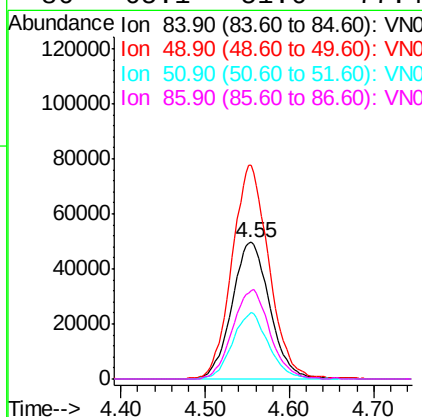
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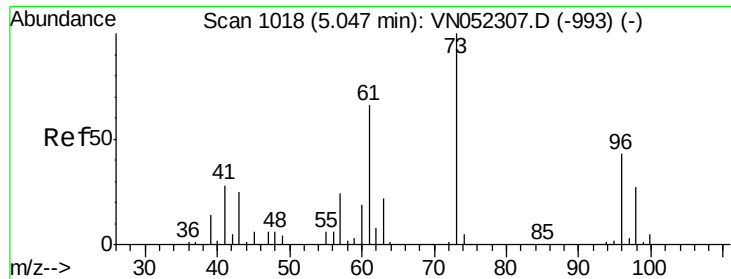
MMDadoda  
11/26/2018 4:56:25 PM



#20  
Methylene Chloride  
Concen: 46.28 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion: 84 Resp: 154721  
Ion Ratio Lower Upper  
84 100  
49 155.8 118.2 177.2  
51 48.5 36.1 54.1  
86 65.1 51.6 77.4





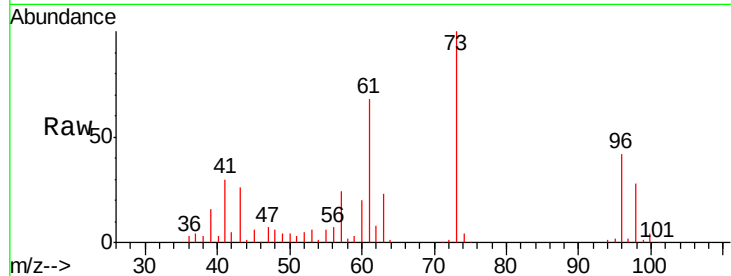
#21  
trans-1,2-Dichloroethene  
Concen: 45.86 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

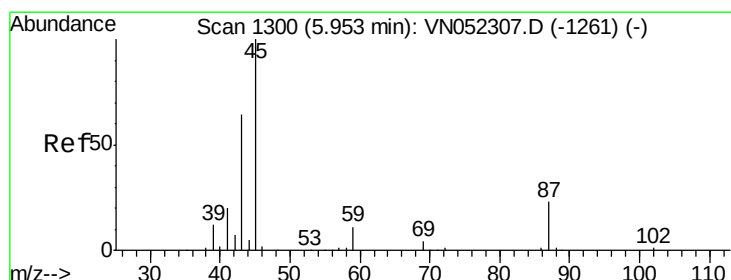
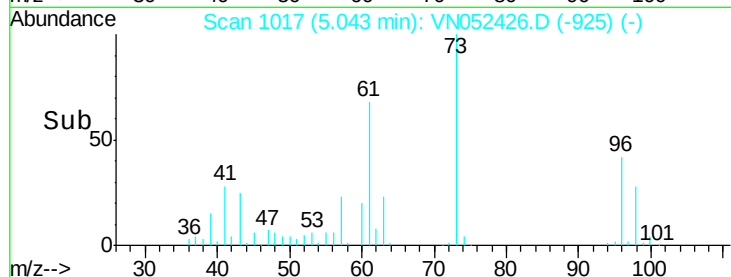
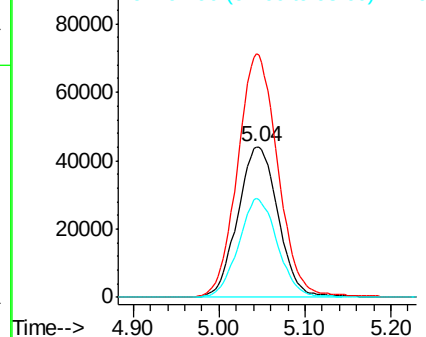
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.5 | 123.6 | 185.4 |
| 98      | 65.6  | 50.7  | 76.1  |

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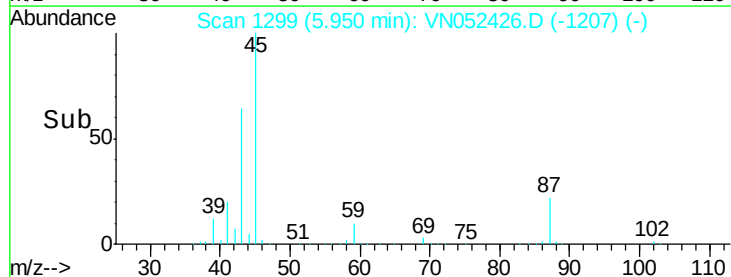
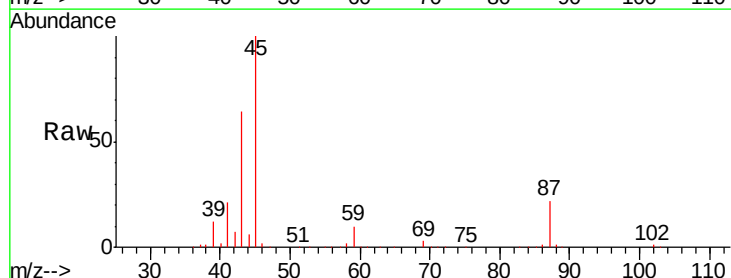
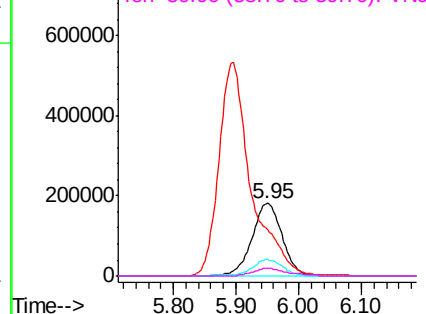
Abundance Ion 95.90 (95.60 to 96.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO  
Ion 97.90 (97.60 to 98.60): VNO



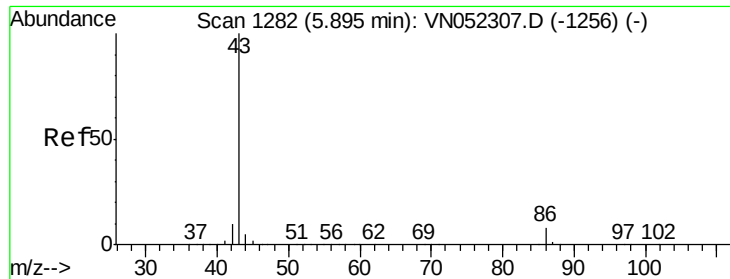
#22  
Diisopropyl ether  
Concen: 50.04 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 63.0  | 51.4  | 77.2  |
| 87      | 22.3  | 18.8  | 28.2  |
| 59      | 10.2  | 8.6   | 12.8  |

Abundance Ion 45.00 (44.70 to 45.70): VNO  
Ion 43.00 (42.70 to 43.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO  
Ion 59.00 (58.70 to 59.70): VNO







#23

Vinyl Acetate

Concen: 231.02 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1907698

Ion Ratio Lower Upper

43 100

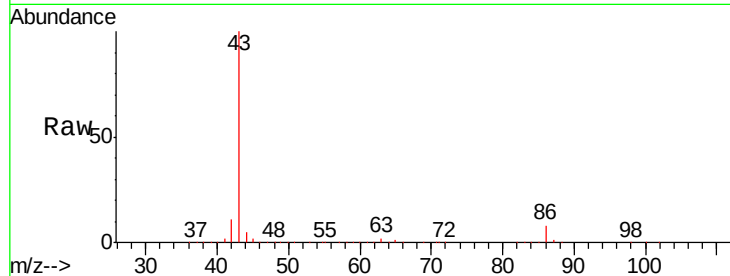
86 7.7 6.5 9.7

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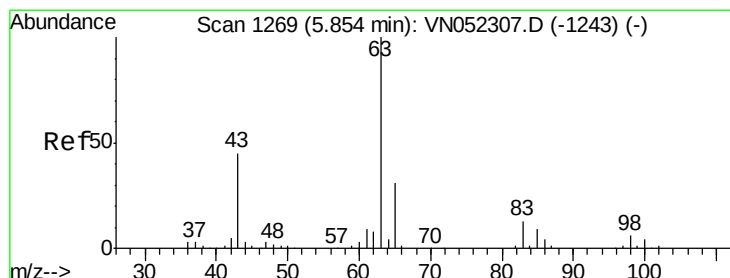
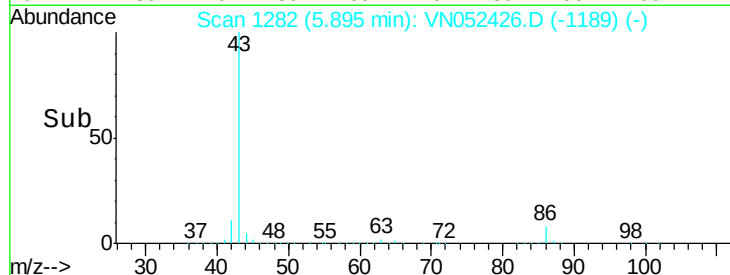
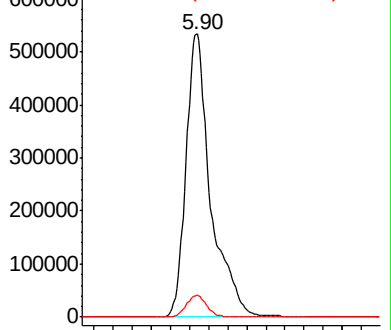
MMDadoda

11/26/2018 4:56:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.88 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

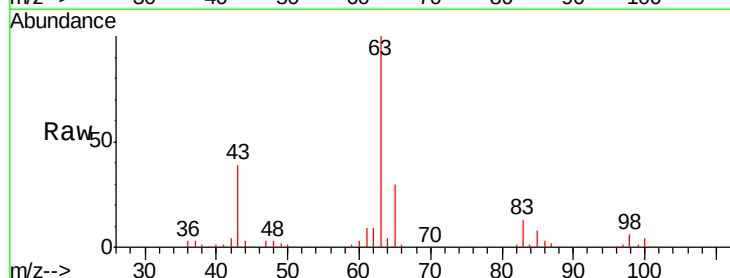
Tgt Ion: 63 Resp: 312532

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.6

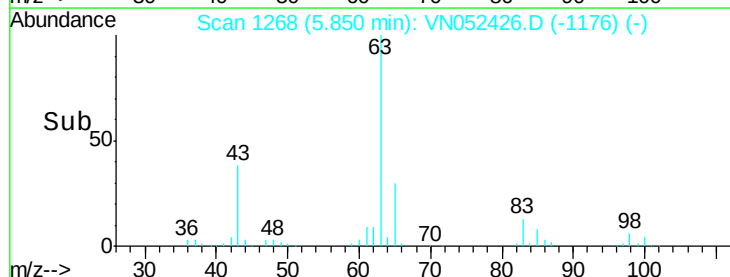
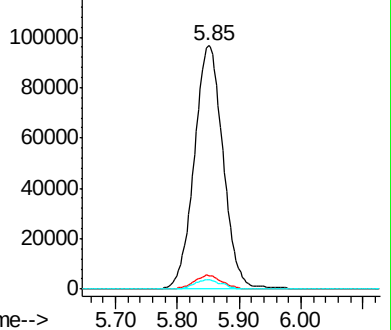
100 3.9 1.9 5.7

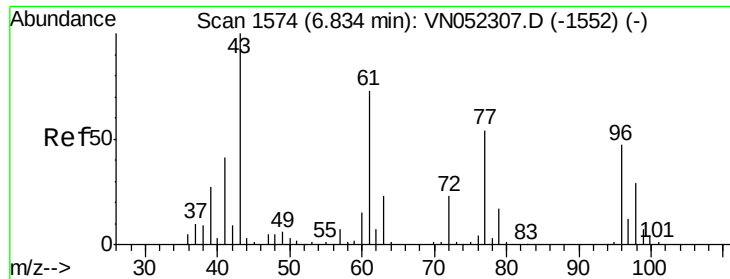


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 229.11 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 353960

Ion Ratio Lower Upper

43 100

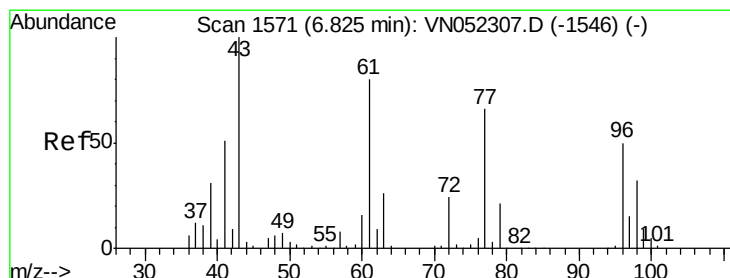
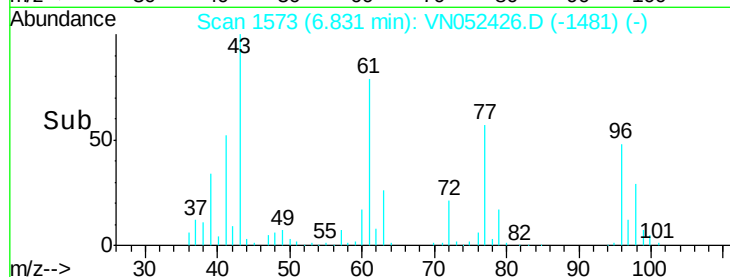
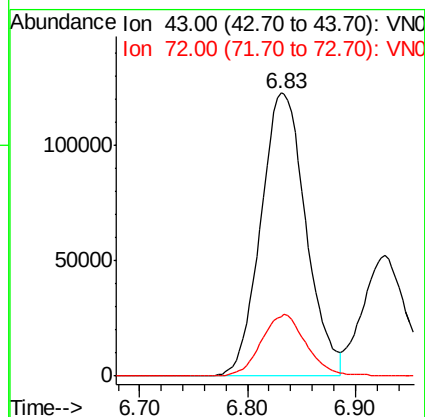
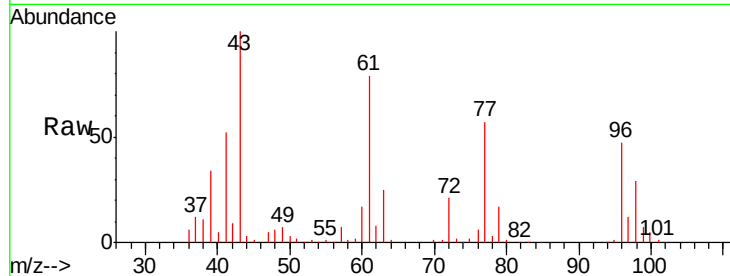
72 21.1 18.6 27.8

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11/26/2018 4:56:25 PM



#26

2,2-Dichloropropane

Concen: 48.55 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN052426.D

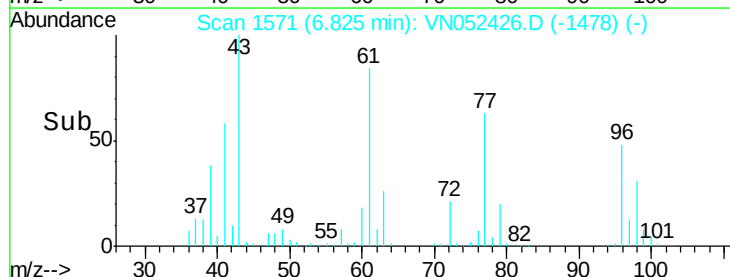
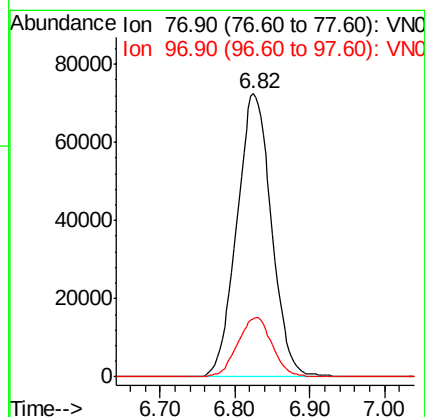
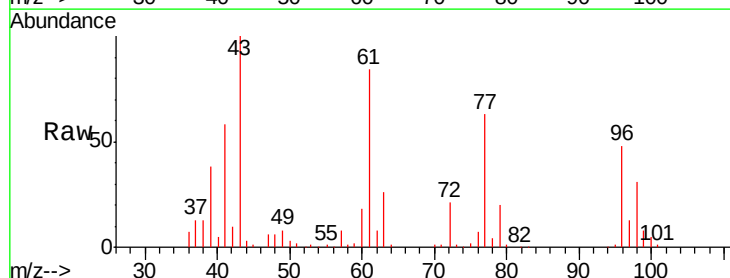
Acq: 21 Nov 2018 9:43

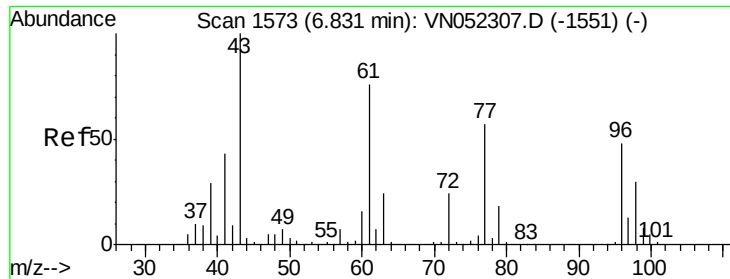
Tgt Ion: 77 Resp: 233036

Ion Ratio Lower Upper

77 100

97 20.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 46.46 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

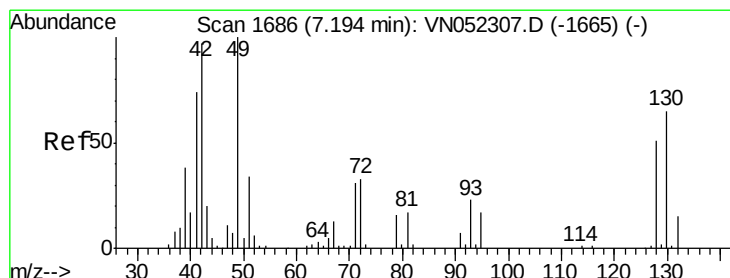
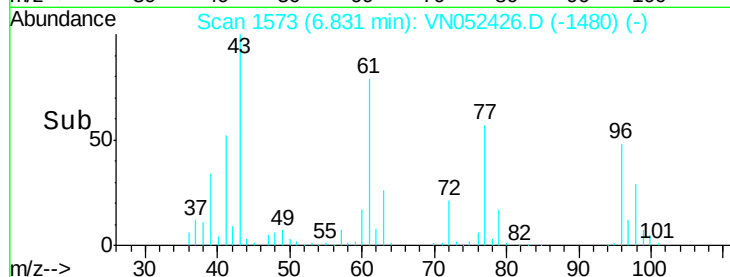
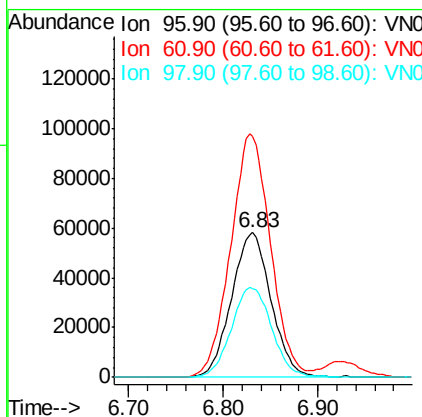
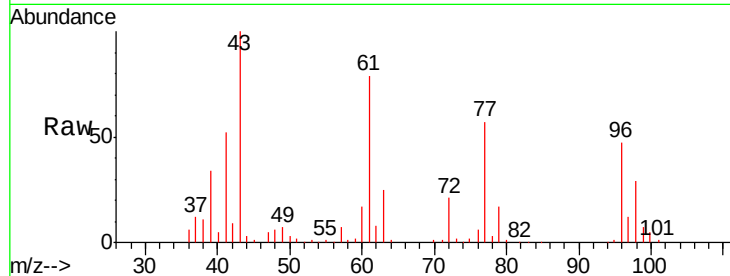
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 169181 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 168.8 | 0.0   | 316.8  |
| 98        | 63.5  | 0.0   | 126.6  |

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#28

Bromochloromethane

Concen: 49.37 ug/l

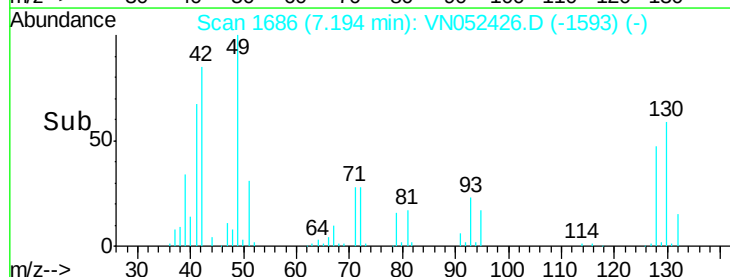
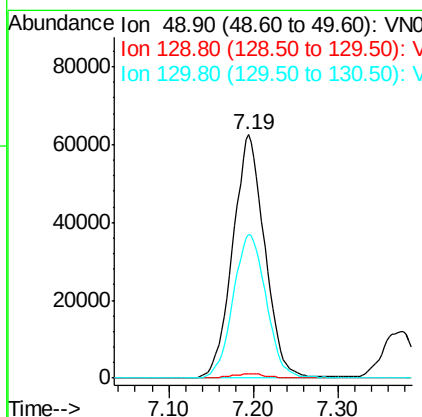
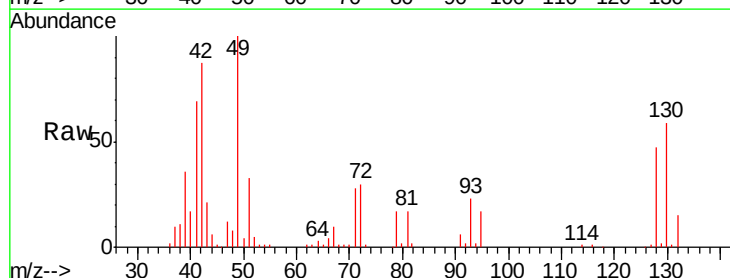
RT: 7.19 min Scan# 1686

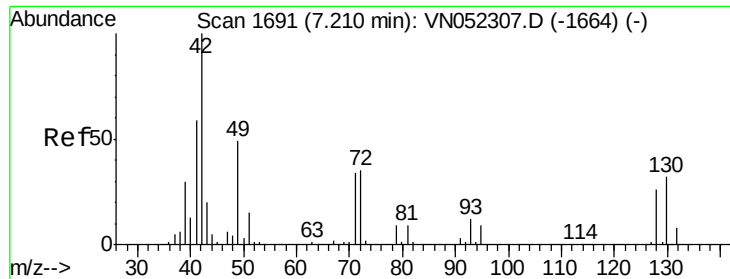
Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 49    | Resp: | 165695 |
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 1.9   | 0.0   | 3.0    |
| 130       | 60.7  | 50.4  | 75.6   |





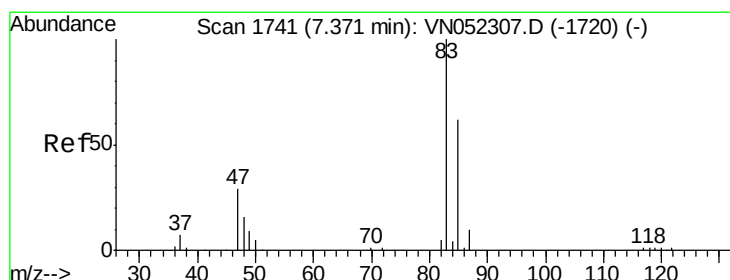
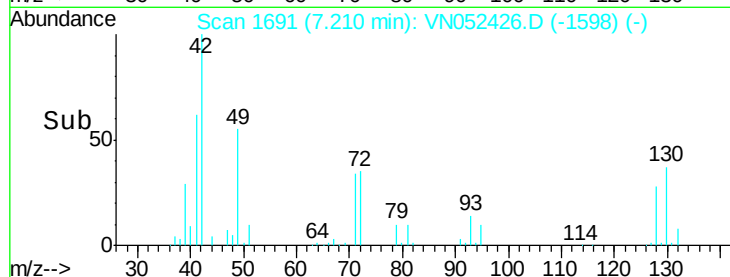
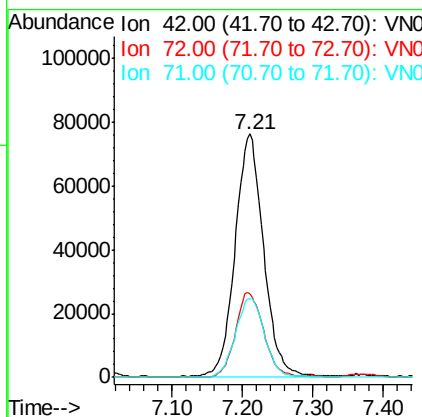
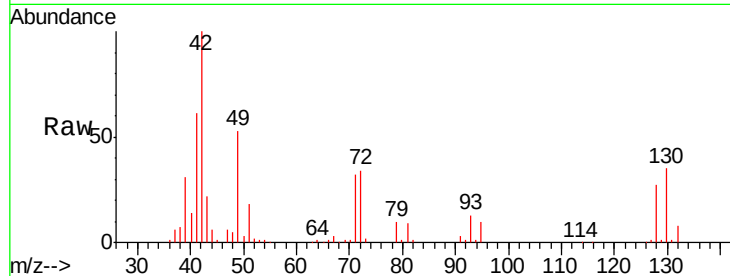
#29  
Tetrahydrofuran  
Concen: 210.27 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 34.9  | 28.6  | 42.8  |
| 71      | 33.3  | 26.7  | 40.1  |

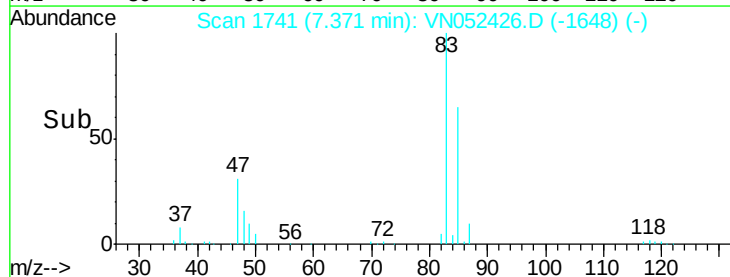
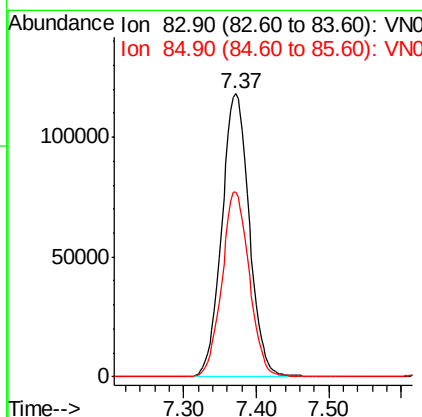
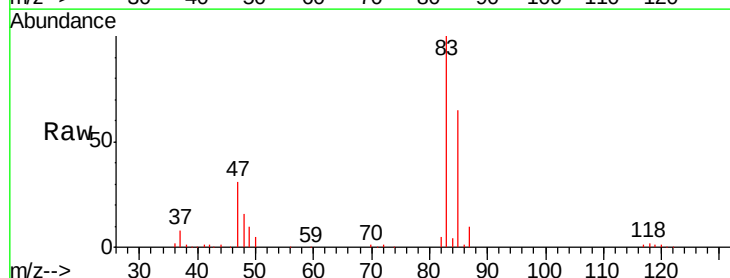
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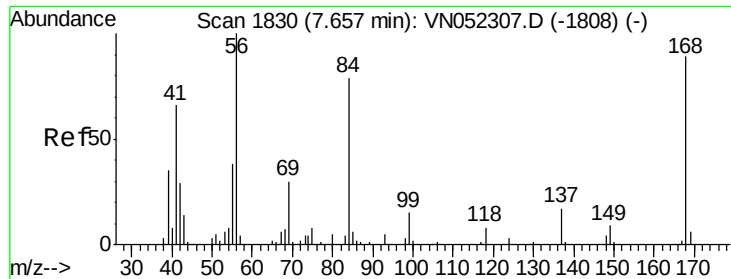
MMDadoda  
11/26/2018 4:56:25 PM



#30  
Chloroform  
Concen: 50.06 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 49.4  | 74.2  |





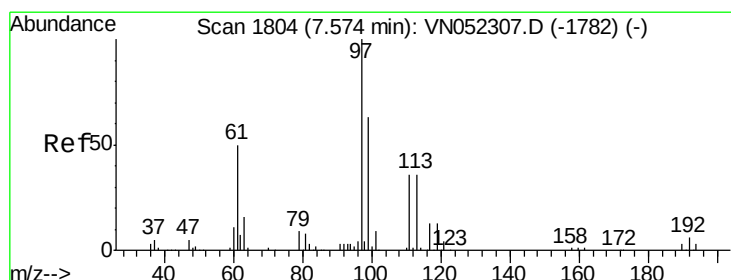
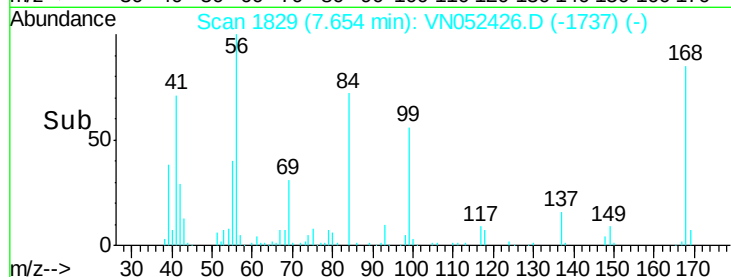
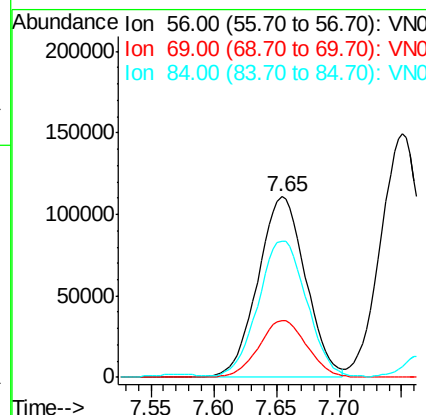
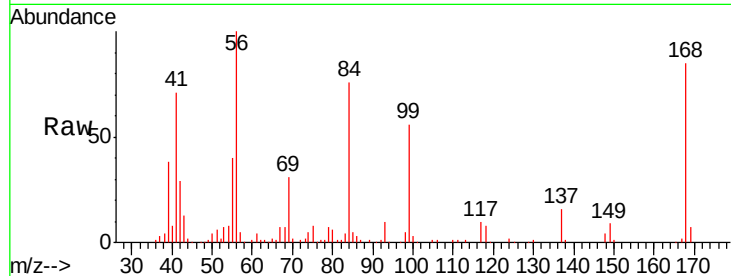
#31  
Cyclohexane  
Concen: 48.30 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.5  | 23.8  | 35.8  |
| 84      | 74.2  | 63.0  | 94.6  |

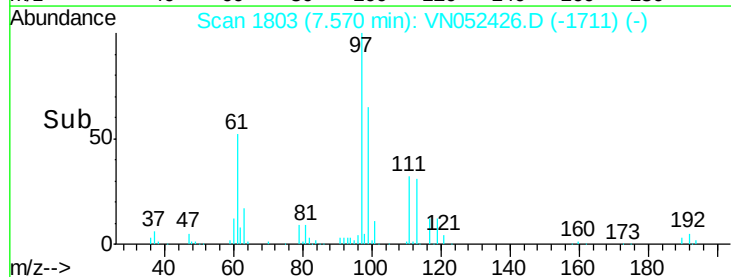
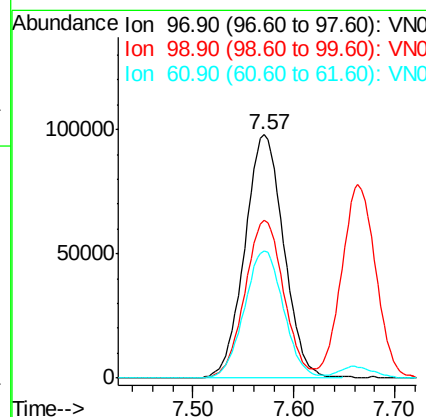
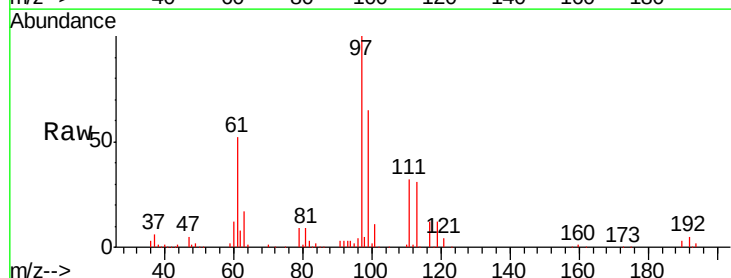
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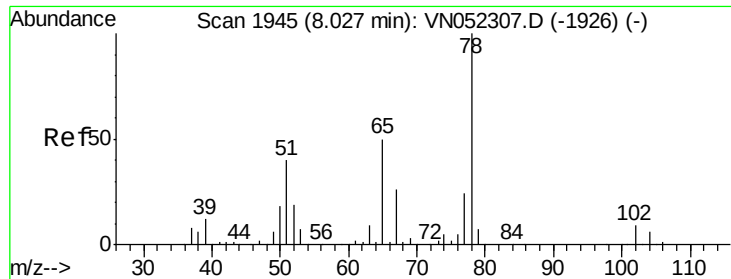
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11/26/2018 4:56:25 PM



#32  
1,1,1-Trichloroethane  
Concen: 49.51 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.2  | 50.2  | 75.2  |
| 61      | 52.5  | 40.2  | 60.4  |





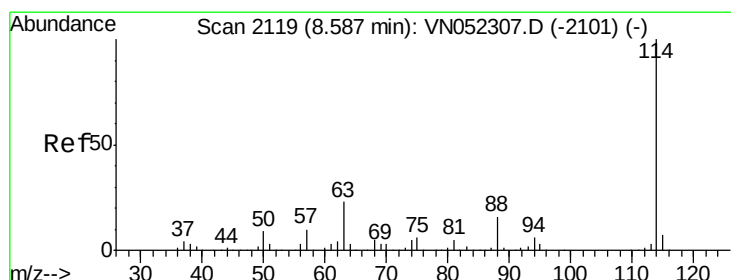
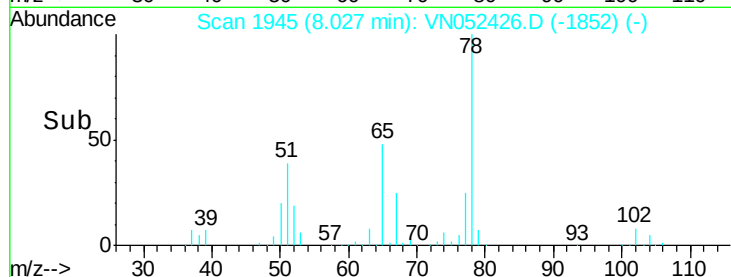
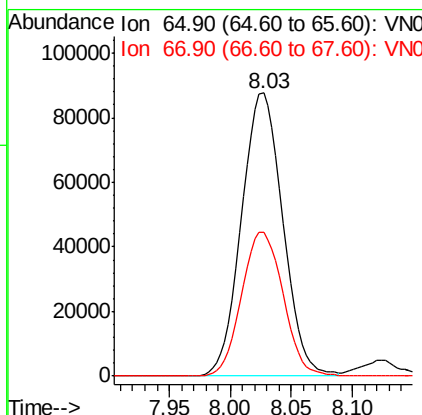
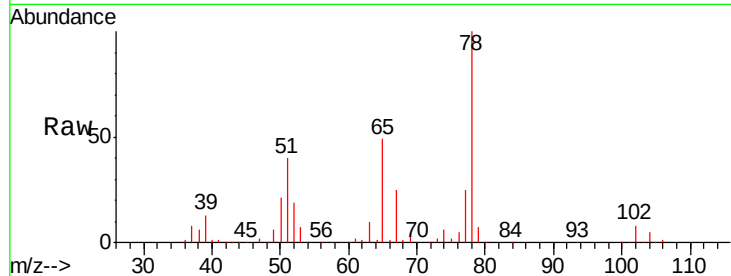
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.51 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 65 Resp: 205730  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 105.2

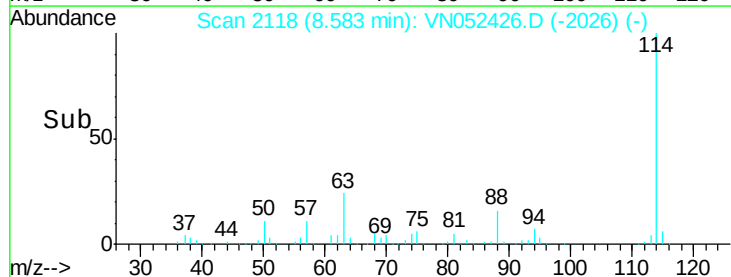
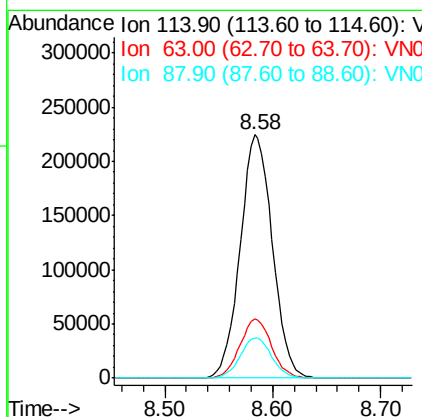
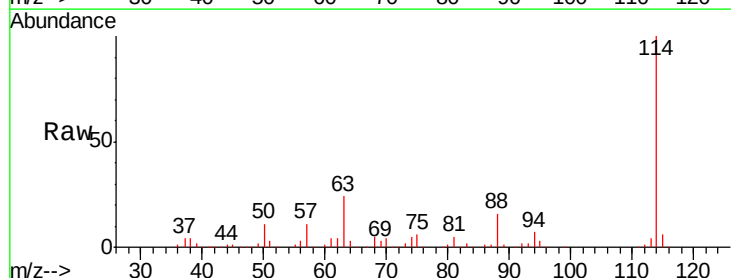
Manual Integrations  
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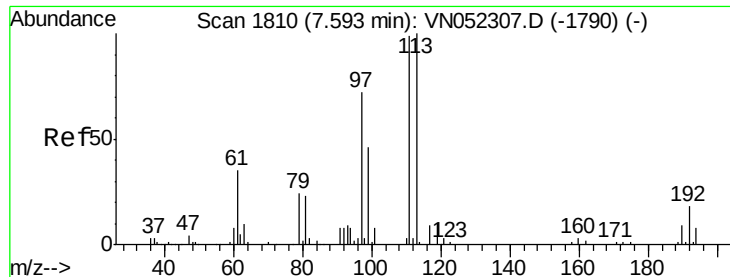
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Tgt Ion: 114 Resp: 465960  
 Ion Ratio Lower Upper  
 114 100  
 63 24.4 0.0 45.4  
 88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

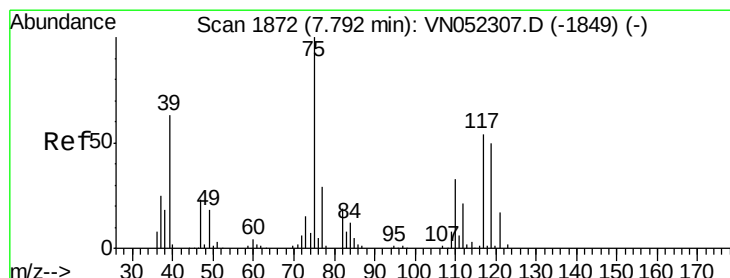
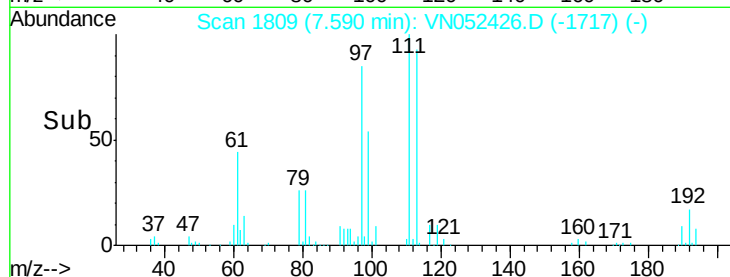
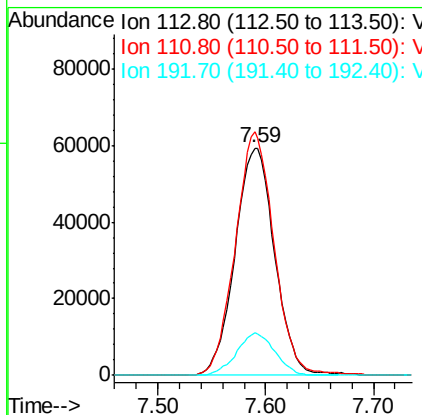
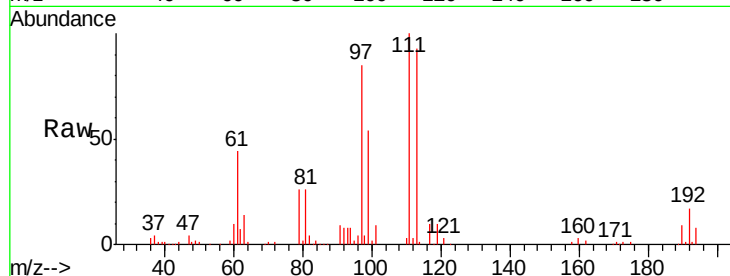
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 151654 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 104.7 | 81.0  | 121.6  |
| 192       | 18.1  | 13.8  | 20.6   |

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#36

1,1-Dichloropropene

Concen: 51.44 ug/l

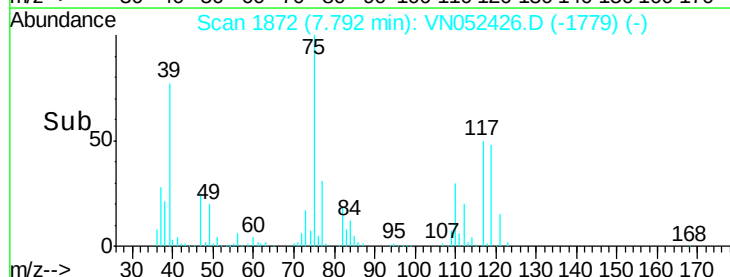
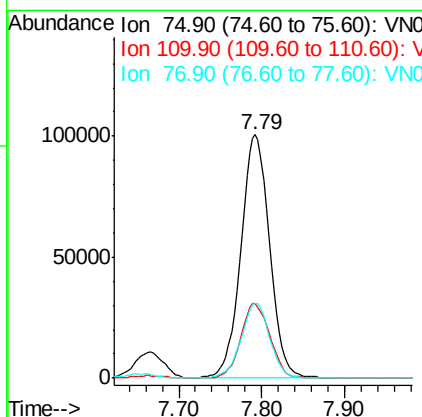
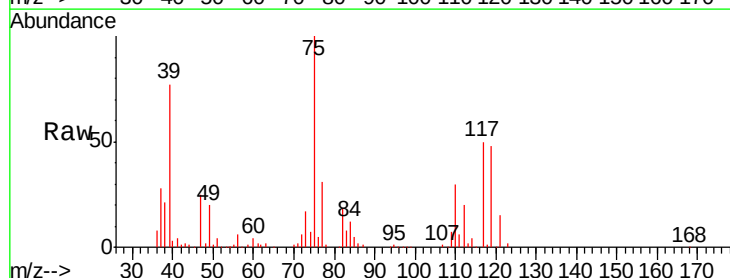
RT: 7.79 min Scan# 1872

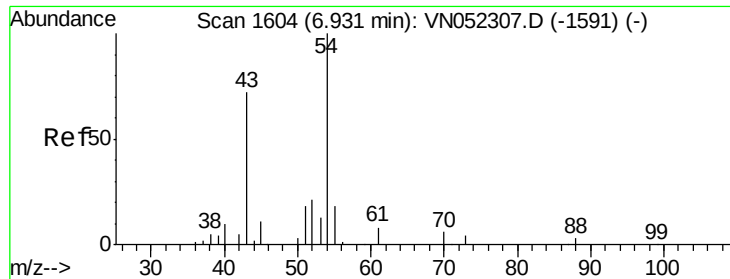
Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 240227 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 31.2  | 16.5  | 49.5   |
| 77        | 31.1  | 24.2  | 36.2   |





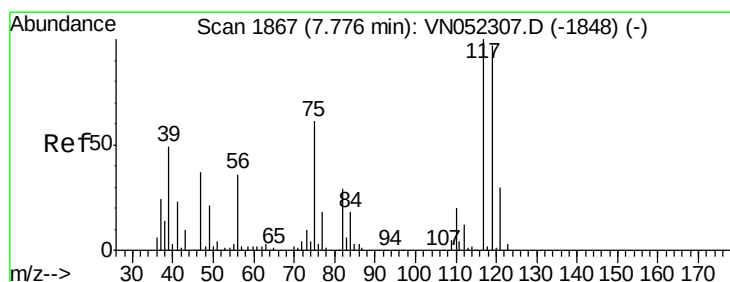
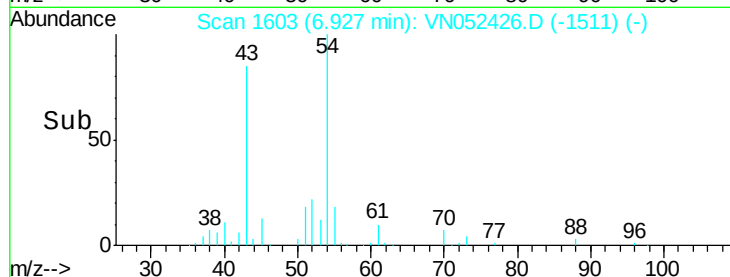
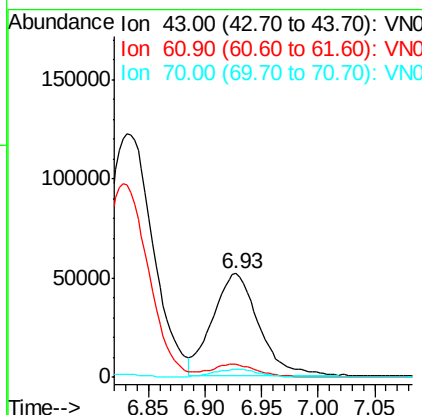
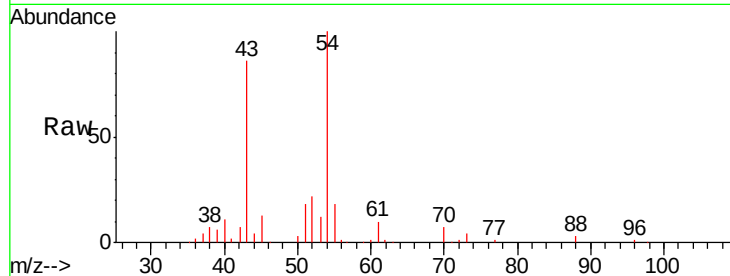
#37  
Ethyl Acetate  
Concen: 42.88 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 11.1  | 10.3  | 15.5  |
| 70      | 8.1   | 5.6   | 8.4   |

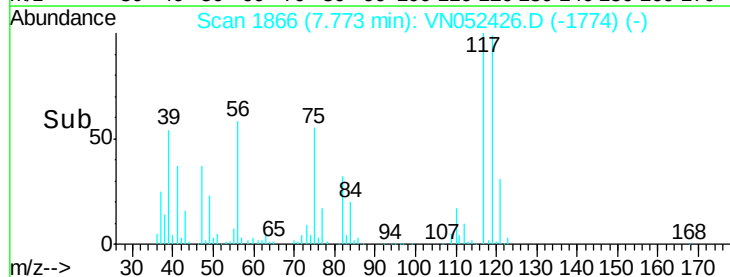
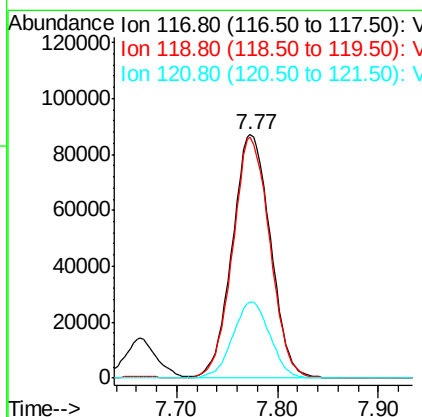
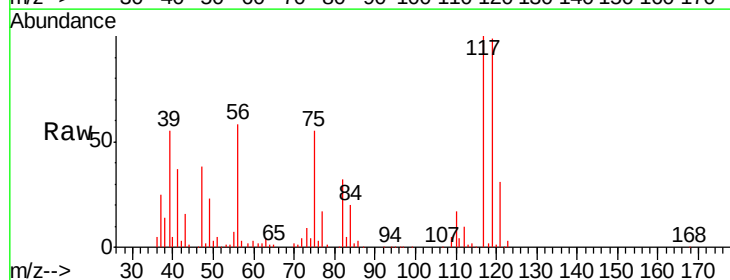
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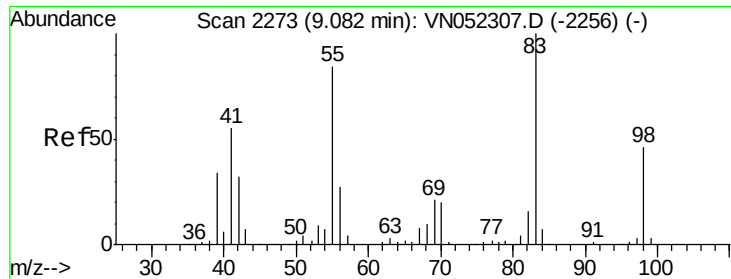


#38  
Carbon Tetrachloride  
Concen: 53.03 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.8  | 77.4  | 116.0 |
| 121     | 31.3  | 24.0  | 36.0  |







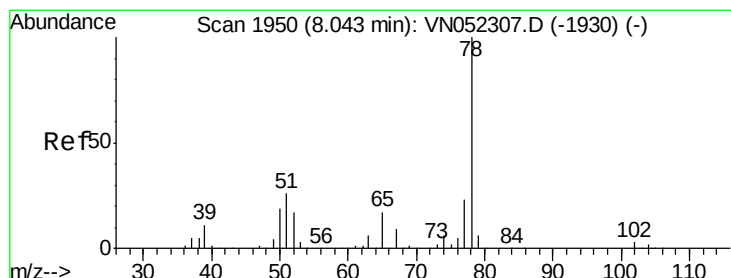
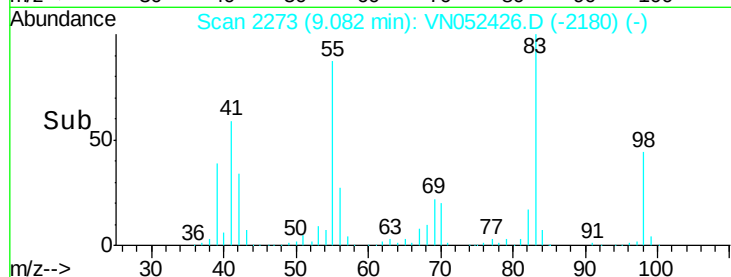
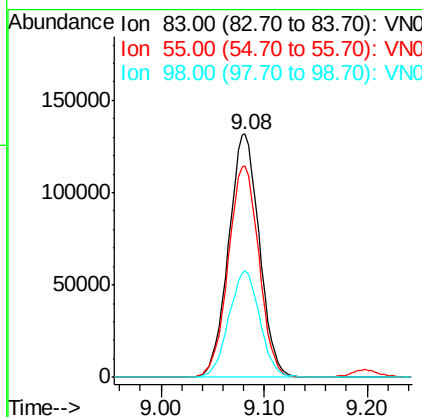
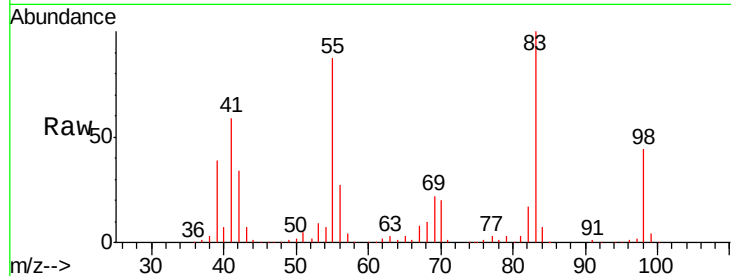
#39  
Methylcyclohexane  
Concen: 51.34 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 86.8  | 66.8  | 100.2 |
| 98      | 43.9  | 36.4  | 54.6  |

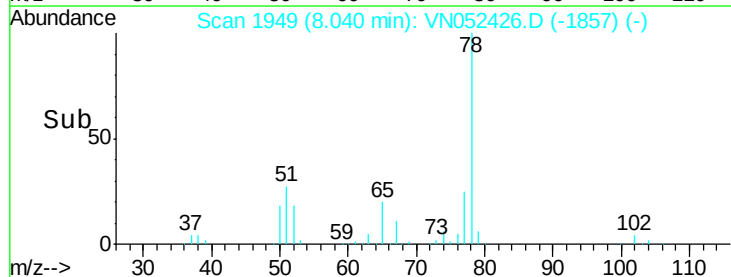
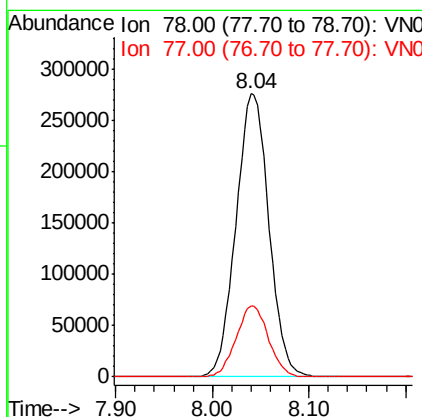
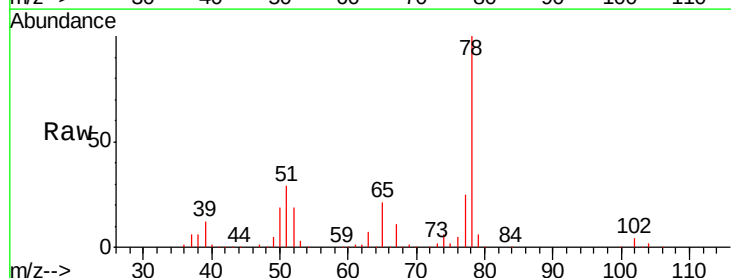
Manual Integrations  
APPROVED

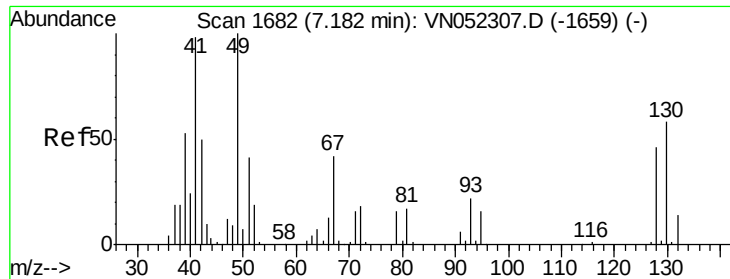
MMDadoda  
11/26/2018 4:56:25 PM



#40  
Benzene  
Concen: 48.93 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.2  | 18.7  | 28.1  |





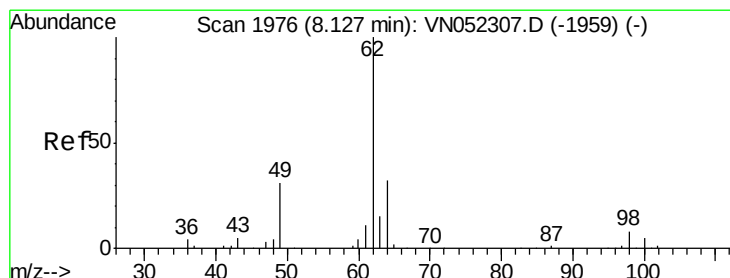
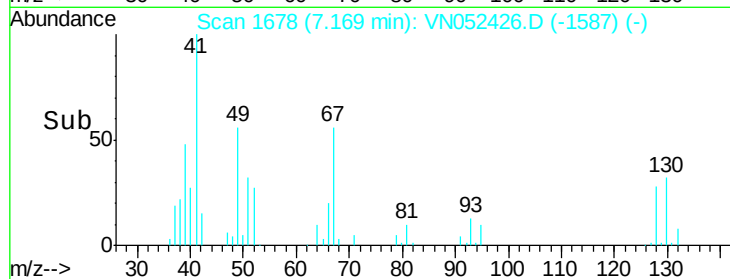
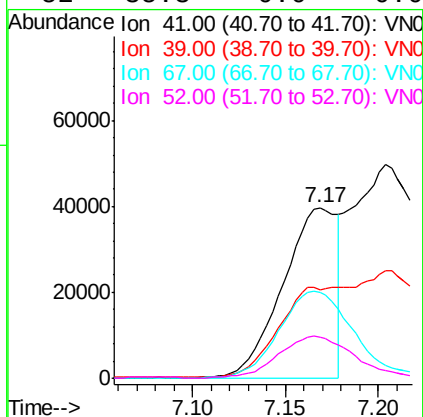
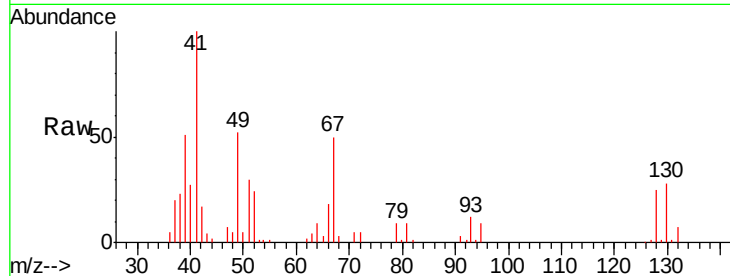
#41  
Methacrylonitrile  
Concen: 43.76 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. -0.01 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 40.9  | 0.0   | 0.0#  |
| 67      | 70.4  | 0.0   | 0.0#  |
| 52      | 35.3  | 0.0   | 0.0#  |

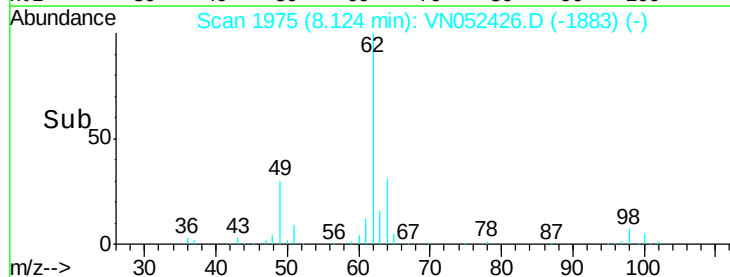
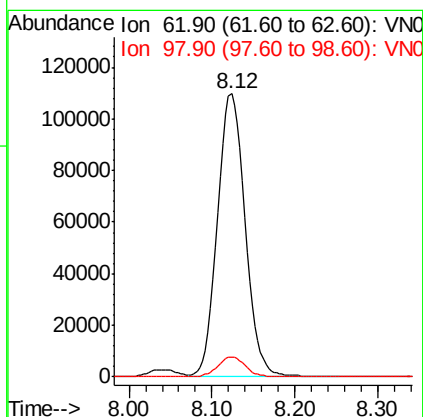
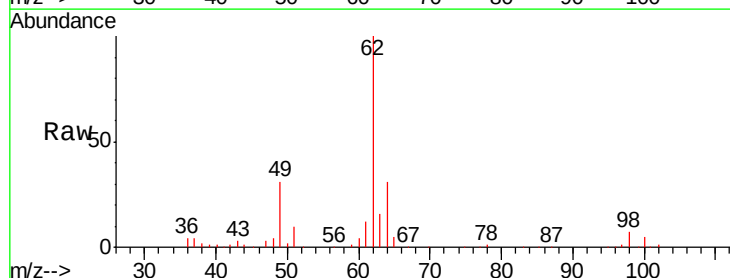
Manual Integrations  
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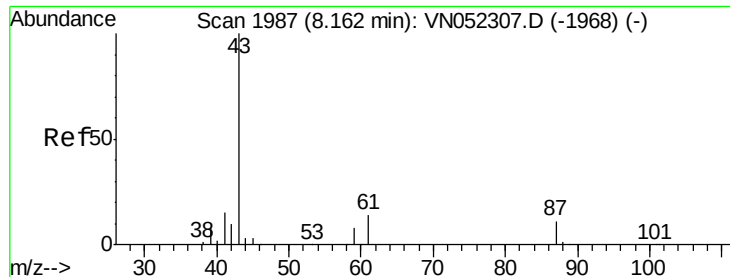
MMDadoda  
11/26/2018 4:56:25 PM



#42  
1,2-Dichloroethane  
Concen: 53.80 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.0   | 0.0   | 15.6  |





#43

Isopropyl Acetate

Concen: 41.89 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

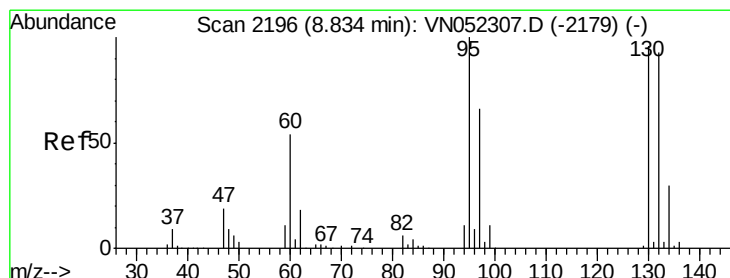
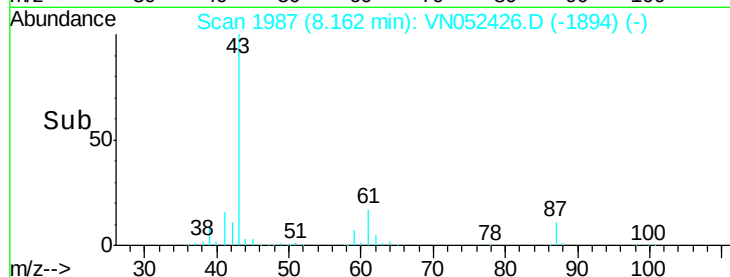
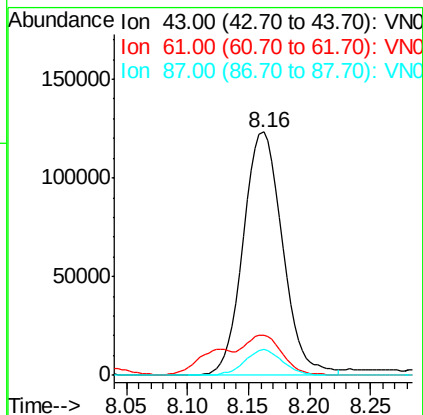
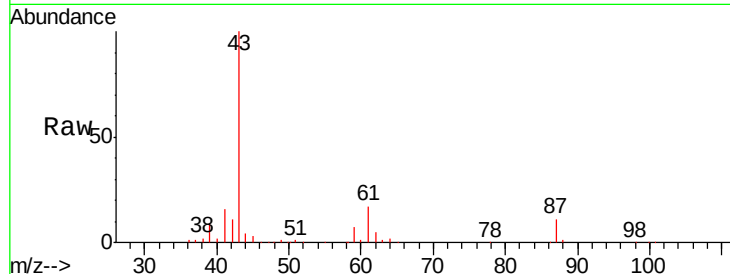
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 274007 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.9  | 12.0  | 18.0   |
| 87       | 10.2  | 8.3   | 12.5   |

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#44

Trichloroethene

Concen: 49.92 ug/l

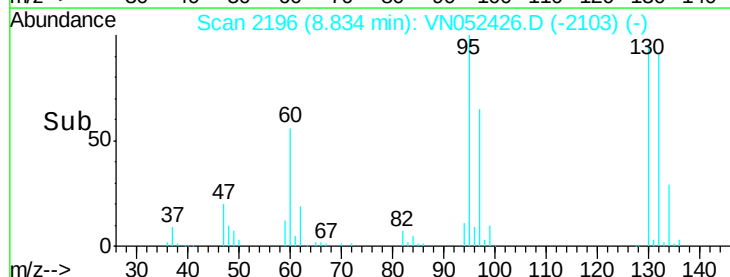
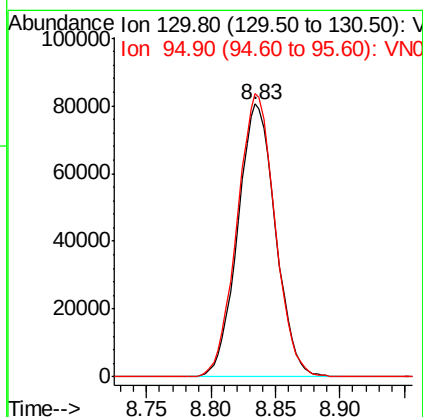
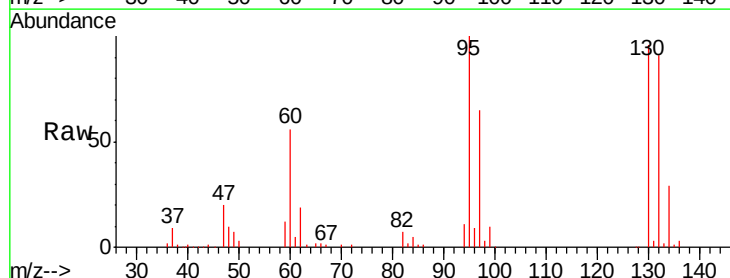
RT: 8.83 min Scan# 2196

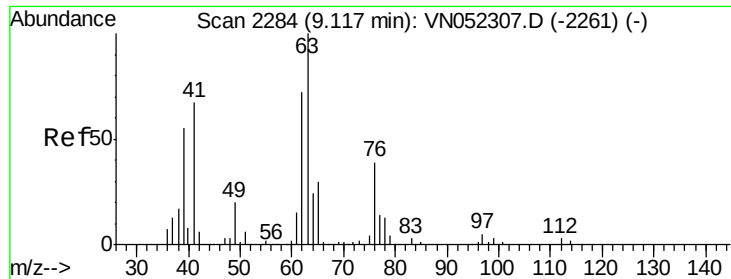
Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 164050 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 103.8 | 0.0   | 208.4  |





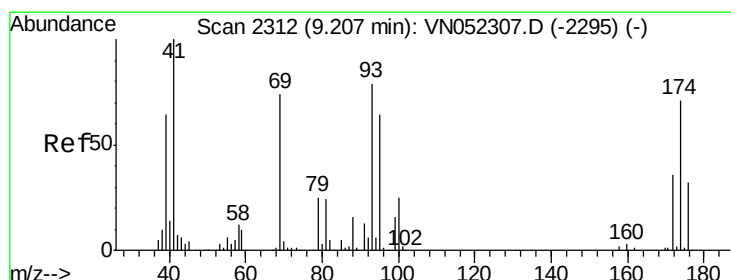
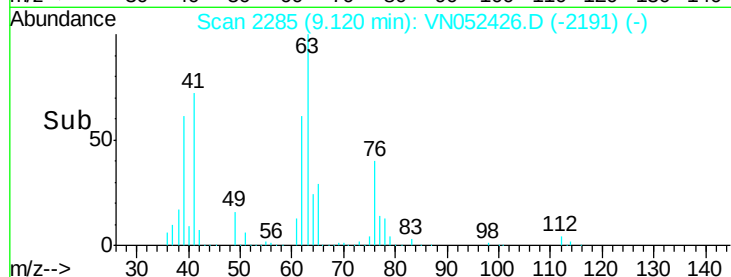
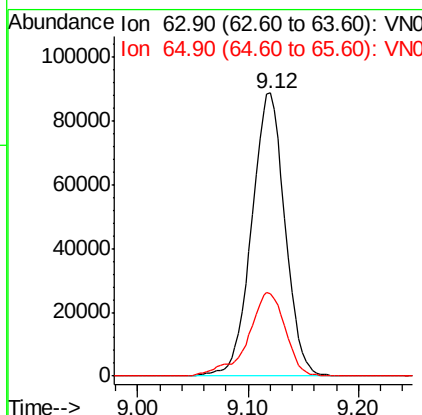
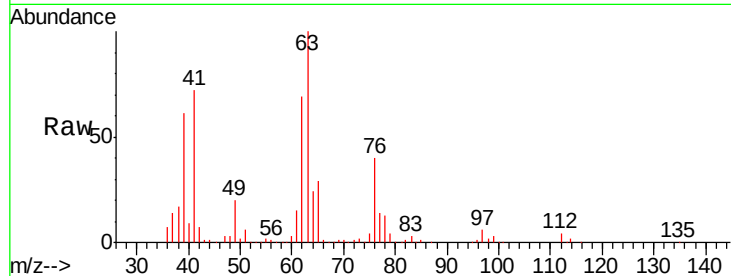
#45  
 1,2-Dichloropropane  
 Concen: 49.03 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 63 Resp: 185662  
 Ion Ratio Lower Upper  
 63 100  
 65 29.1 24.2 36.4

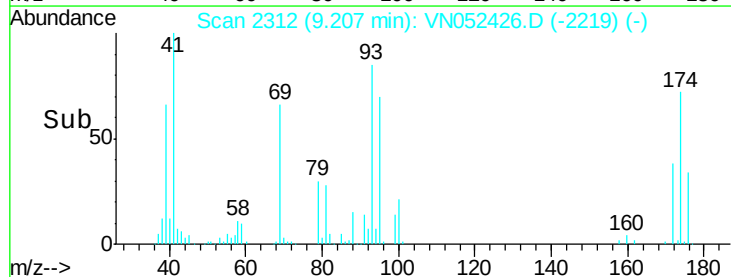
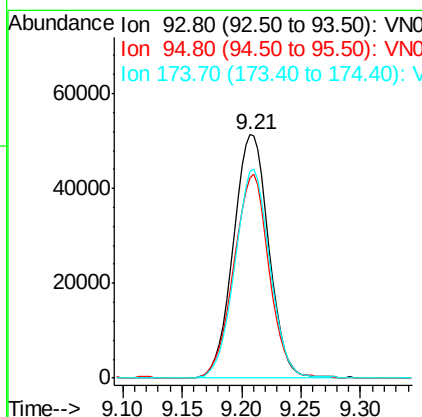
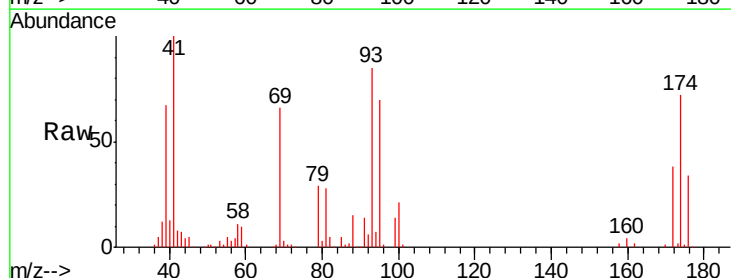
Manual Integrations  
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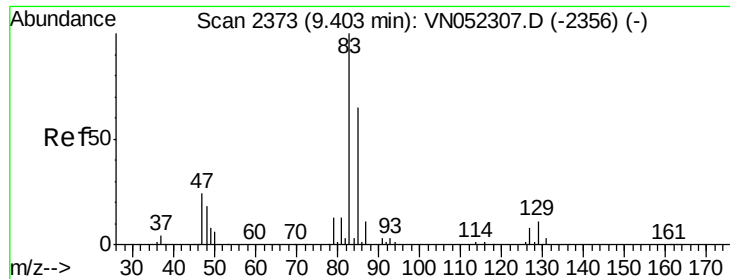
MMDadoda  
 11/26/2018 4:56:25 PM



#46  
 Dibromomethane  
 Concen: 48.42 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Tgt Ion: 93 Resp: 106144  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 64.2 96.2  
 174 84.3 70.9 106.3





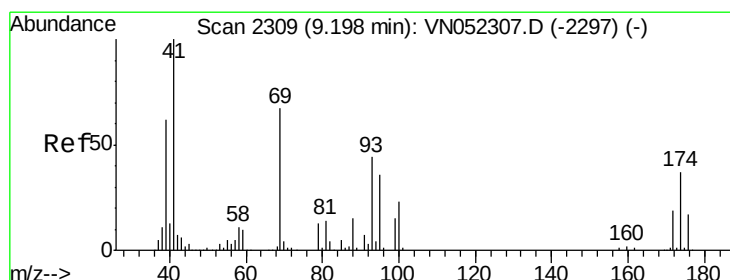
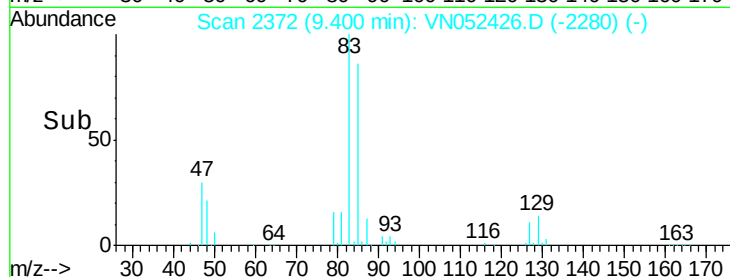
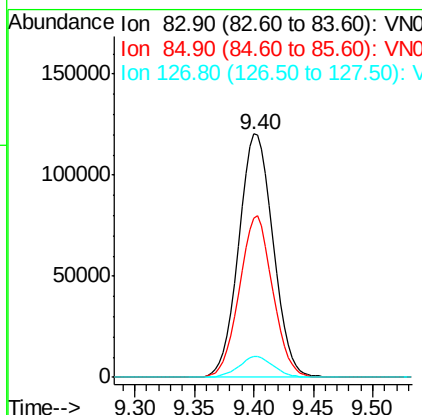
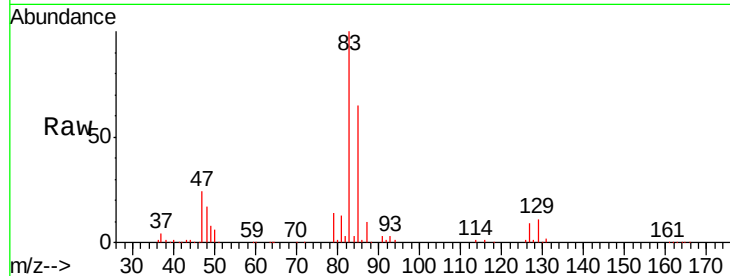
#47  
Bromodichloromethane  
Concen: 53.77 ug/l  
RT: 9.40 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 241875 |       |       |
| 85      | 65.2  | 52.2   | 78.4  |       |
| 127     | 8.5   | 6.7    | 10.1  |       |

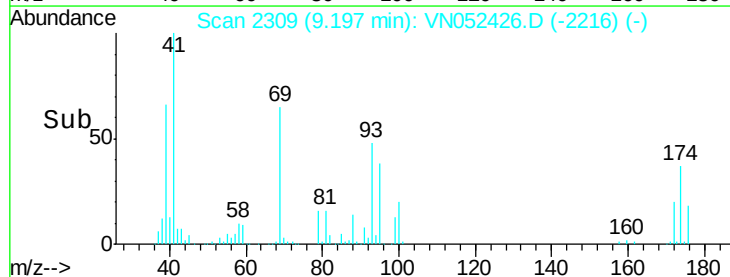
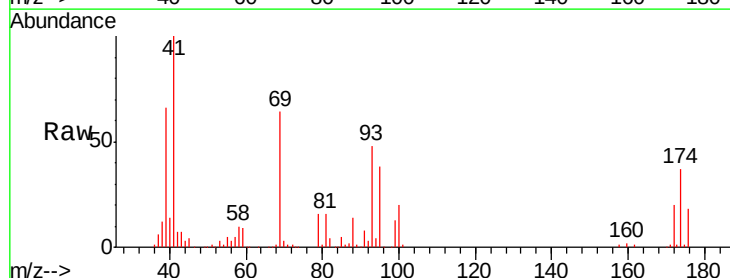
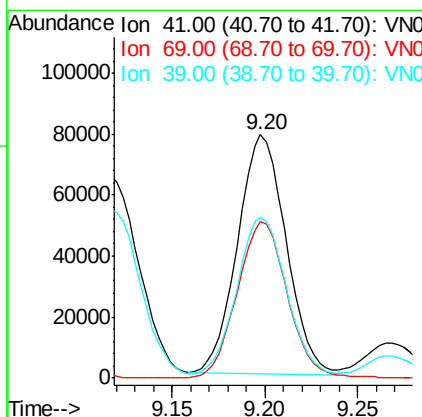
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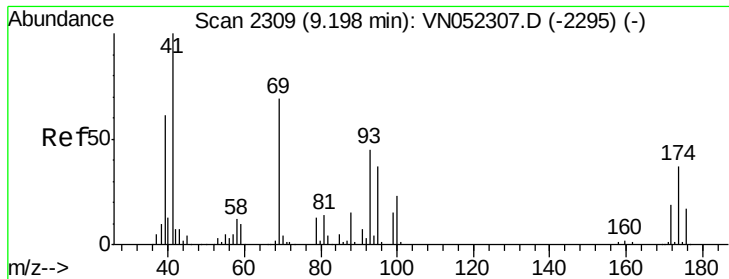
MMDadoda  
11/26/2018 4:56:25 PM



#48  
Methyl methacrylate  
Concen: 42.89 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 142328 |       |       |
| 69      | 68.2  | 57.1   | 85.7  |       |
| 39      | 69.5  | 52.5   | 78.7  |       |





#49

1,4-Dioxane

Concen: 864.87 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

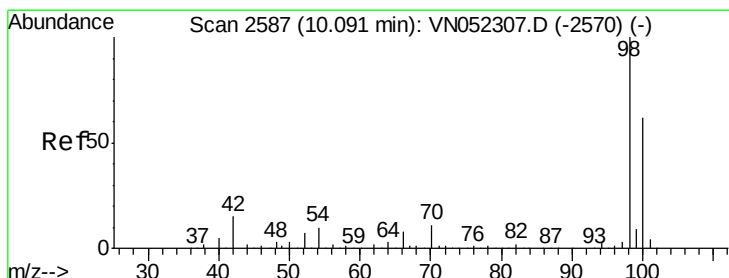
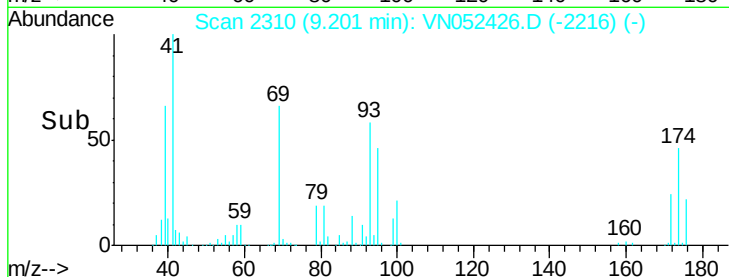
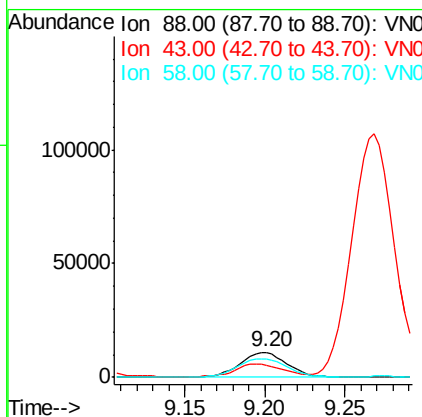
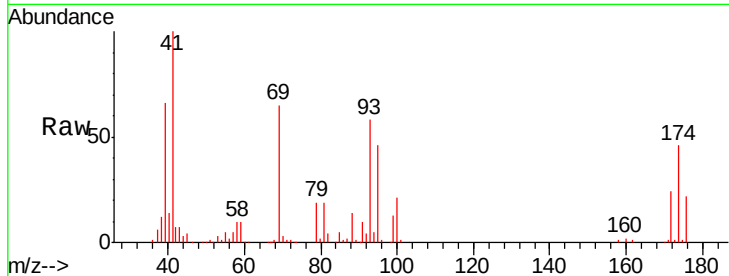
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 22034 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 50.7  | 33.3  | 49.9# |
| 58        | 80.3  | 59.2  | 88.8  |

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#50

Toluene-d8

Concen: 864.87 ug/l

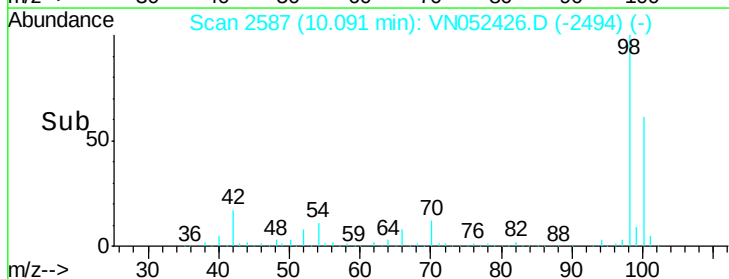
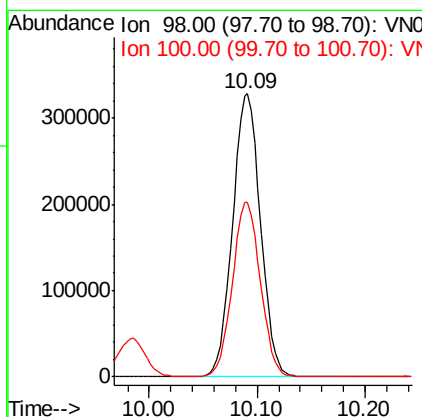
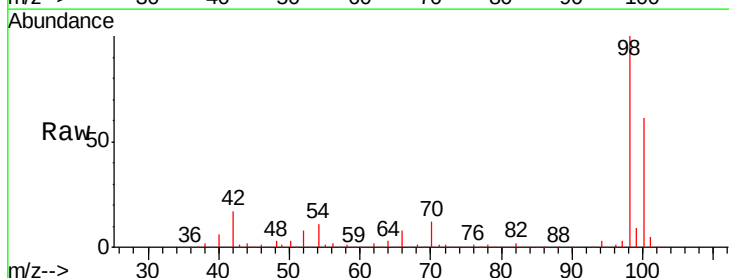
RT: 10.09 min Scan# 2587

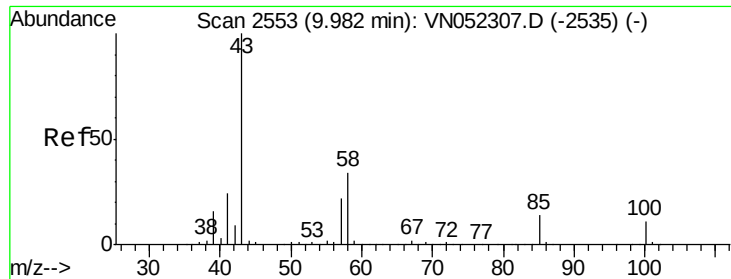
Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 592331 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 61.6  | 49.5  | 74.3   |





#51

4-Methyl-2-Pentanone

Concen: 232.83 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 766555

Ion Ratio Lower Upper

43 100

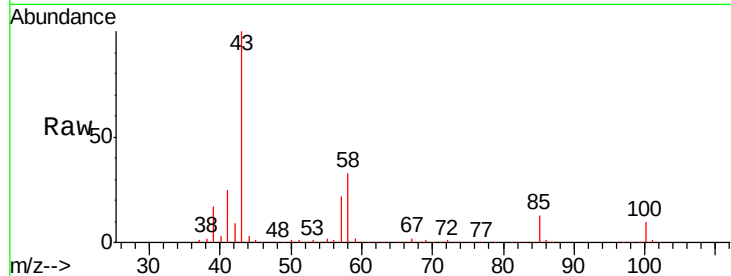
58 33.0 27.0 40.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

500000

400000

300000

200000

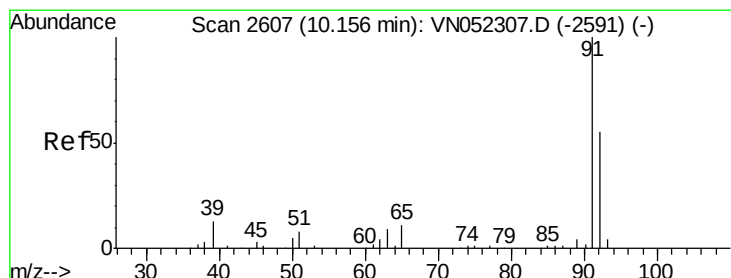
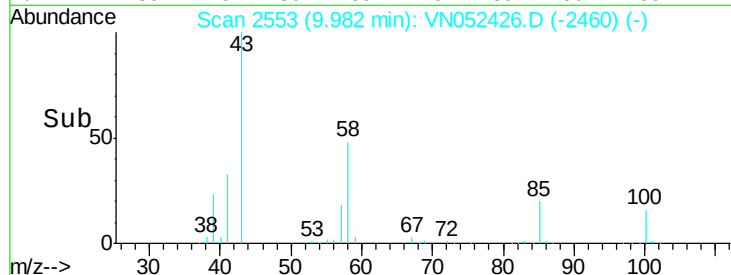
100000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 50.23 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052426.D

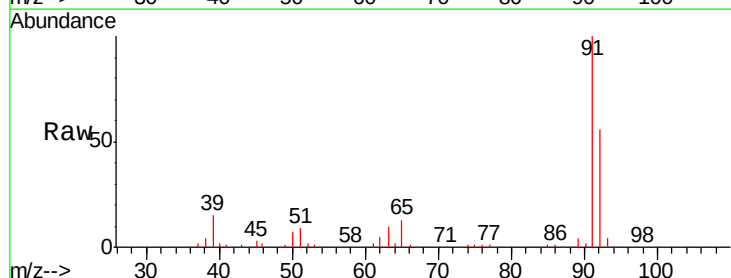
Acq: 21 Nov 2018 9:43

Tgt Ion: 92 Resp: 400882

Ion Ratio Lower Upper

92 100

91 178.3 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

200000

100000

0

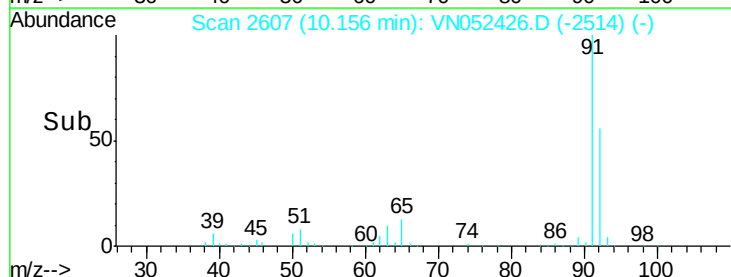
10.05

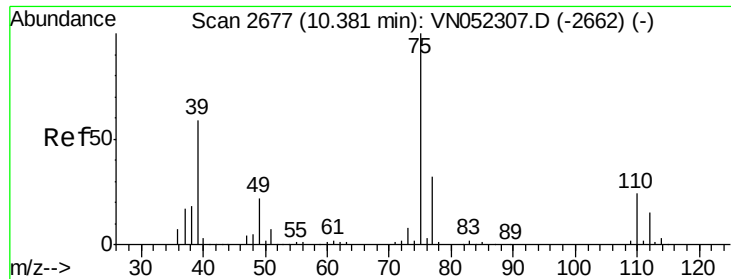
10.10

10.15

10.20

Time-->





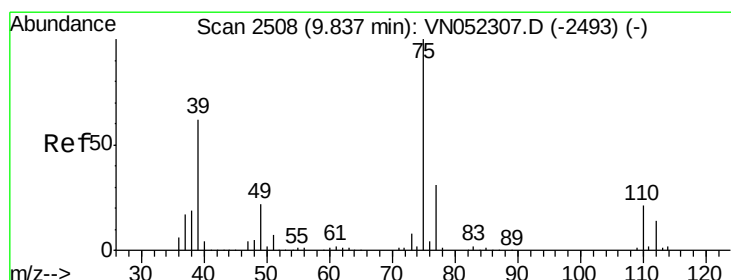
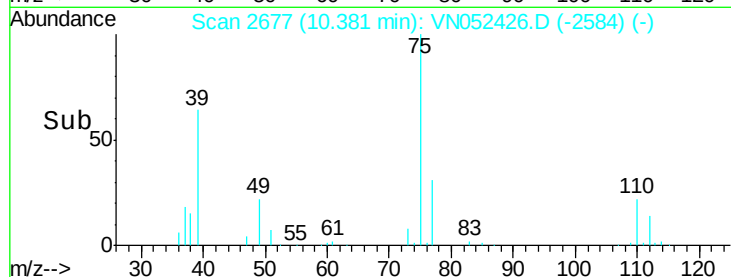
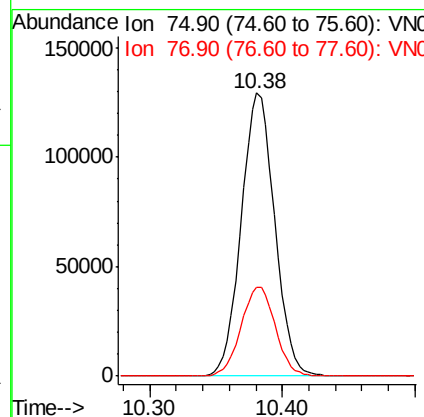
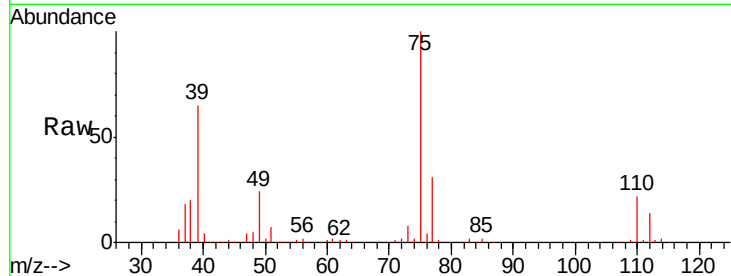
#53  
t-1,3-Dichloropropene  
Concen: 49.97 ug/l  
RT: 10.38 min Scan# 2677  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 75 Resp: 226707  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.7 38.5

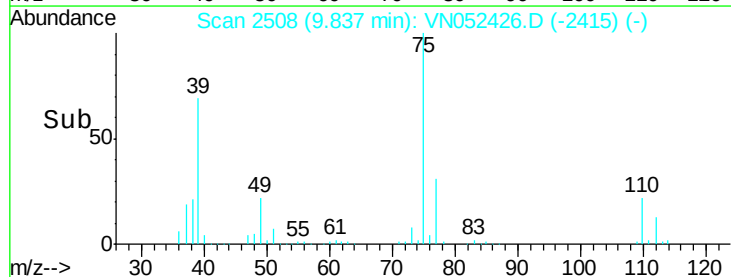
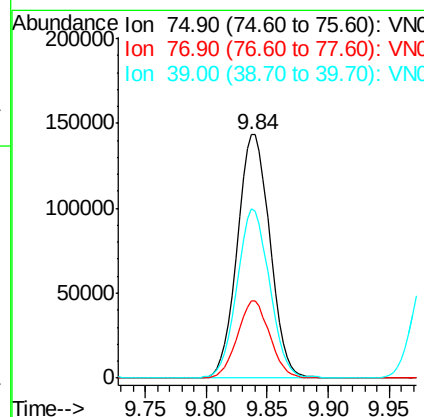
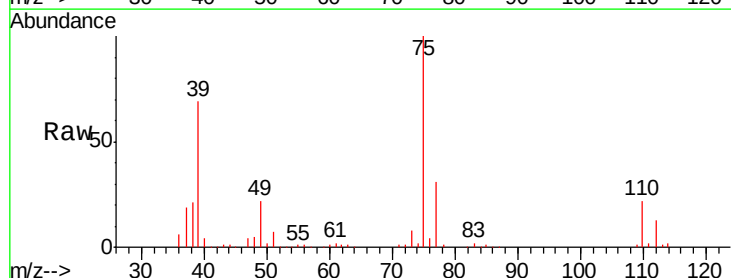
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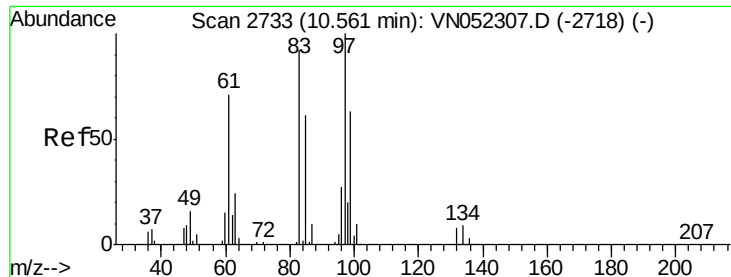


#54  
cis-1,3-Dichloropropene  
Concen: 51.55 ug/l  
RT: 9.84 min Scan# 2508  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion: 75 Resp: 266587  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.6 36.8  
39 69.1 49.9 74.9







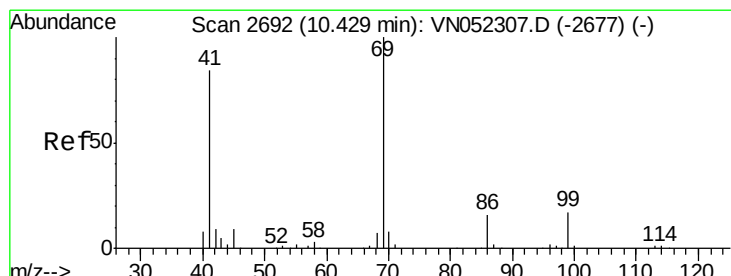
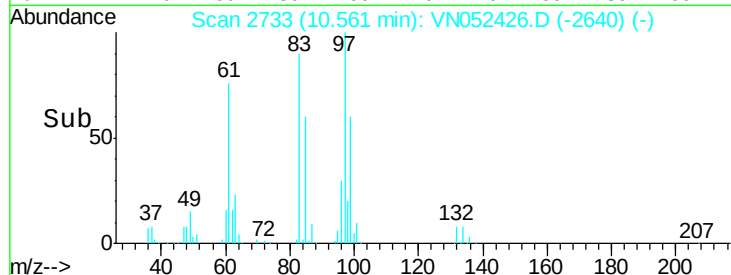
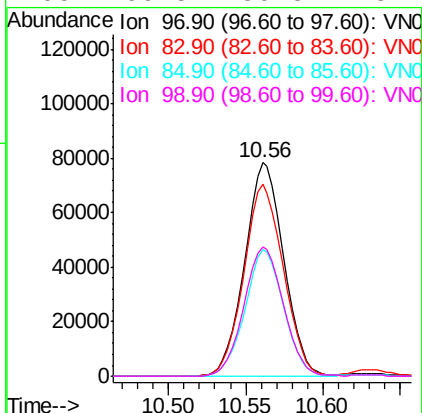
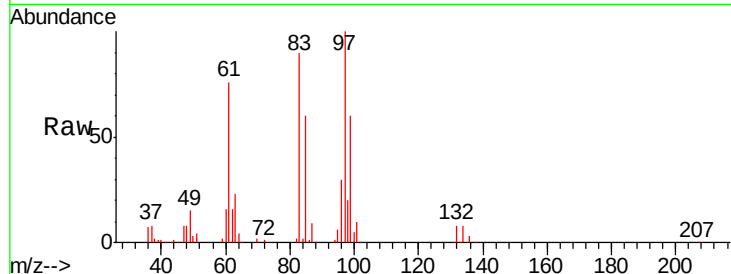
#55  
 1,1,2-Trichloroethane  
 Concen: 47.74 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 89.7  | 73.8  | 110.6 |
| 85      | 59.6  | 49.0  | 73.4  |
| 99      | 60.5  | 50.5  | 75.7  |

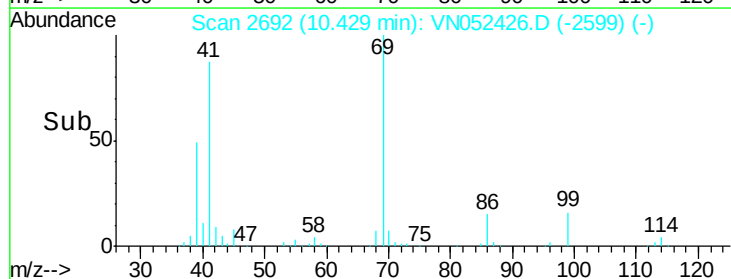
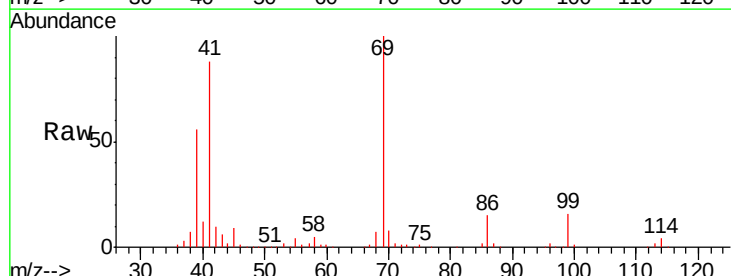
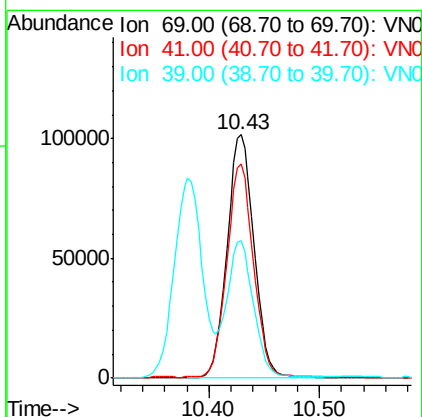
Manual Integrations  
 APPROVED

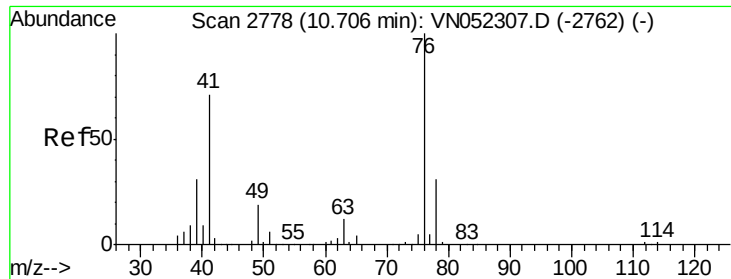
MMDadoda  
 11/26/2018 4:56:25 PM



#56  
 Ethyl methacrylate  
 Concen: 45.41 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 86.3  | 64.8  | 97.2  |
| 39      | 54.6  | 41.0  | 61.6  |





#57

1,3-Dichloropropane

Concen: 49.27 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 252527

Ion Ratio Lower Upper

76 100

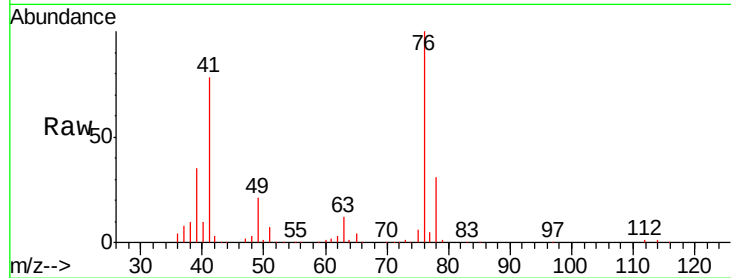
78 32.0 25.7 38.5

Manual Integrations

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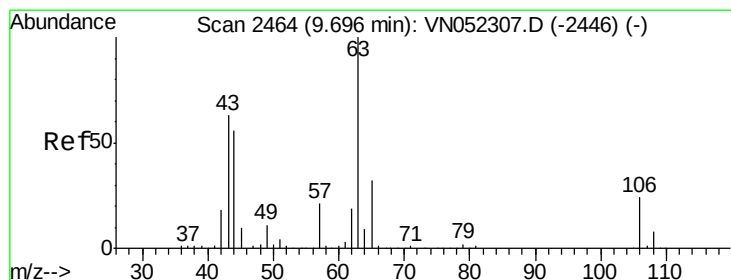
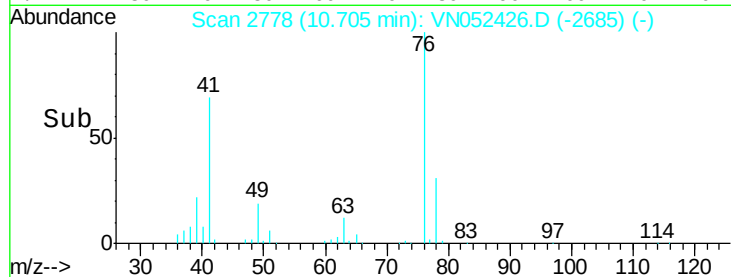
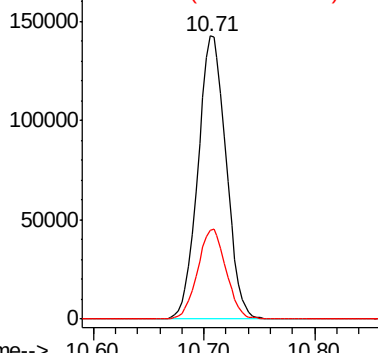
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 243.10 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN052426.D

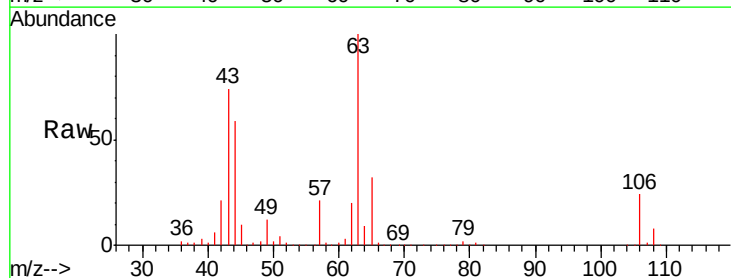
Acq: 21 Nov 2018 9:43

Tgt Ion: 63 Resp: 526649

Ion Ratio Lower Upper

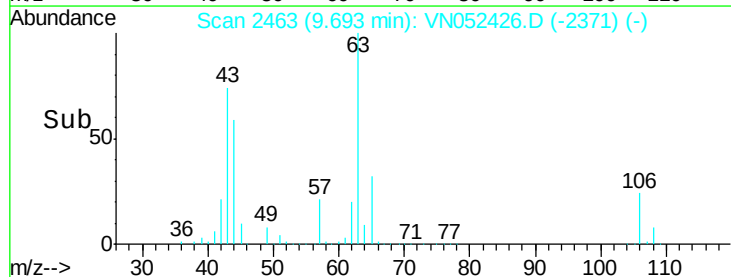
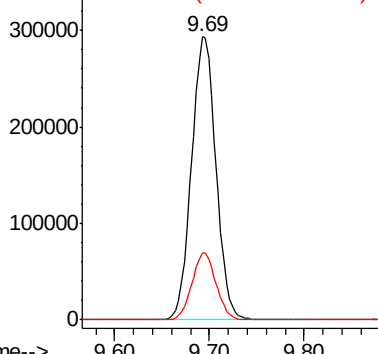
63 100

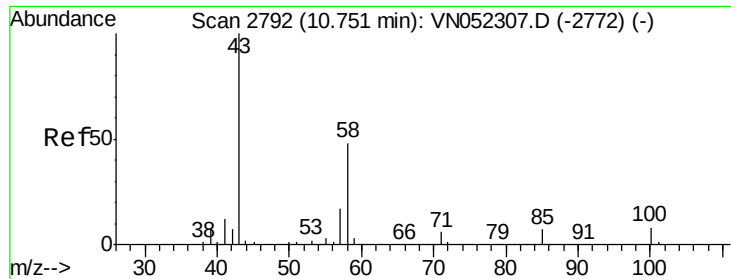
106 23.3 19.3 28.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





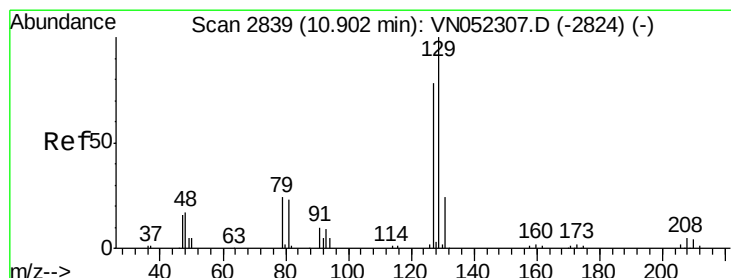
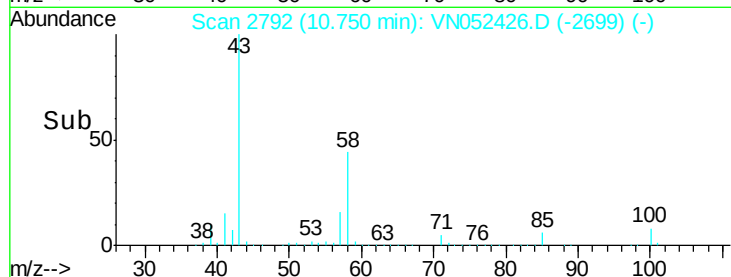
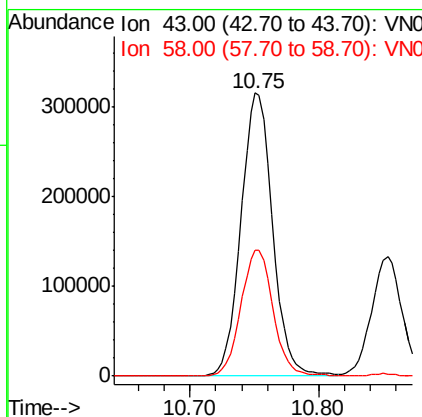
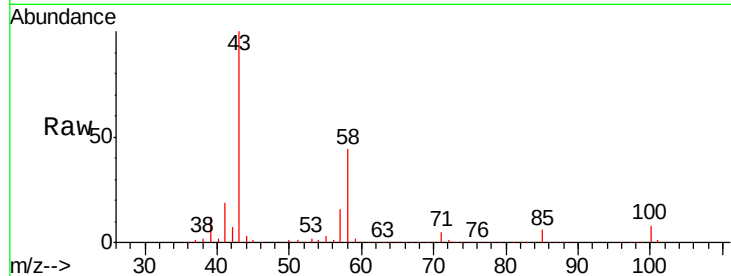
#59  
2-Hexanone  
Concen: 236.51 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 535595  
Ion Ratio Lower Upper  
43 100  
58 45.6 23.5 70.6

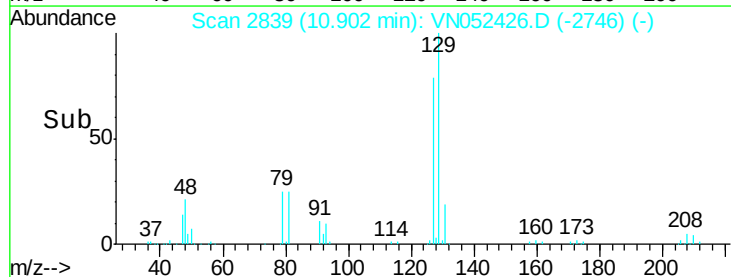
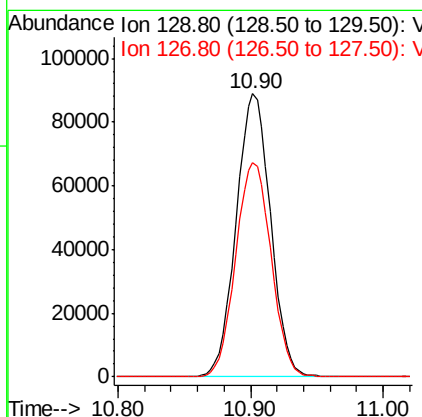
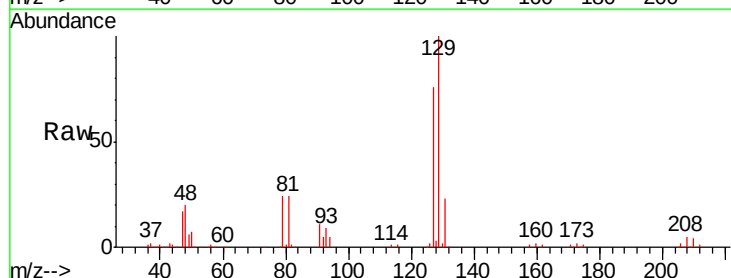
Manual Integrations  
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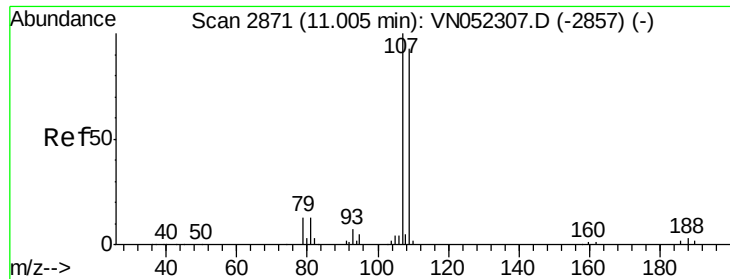
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 51.19 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion: 129 Resp: 160250  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.5 115.5





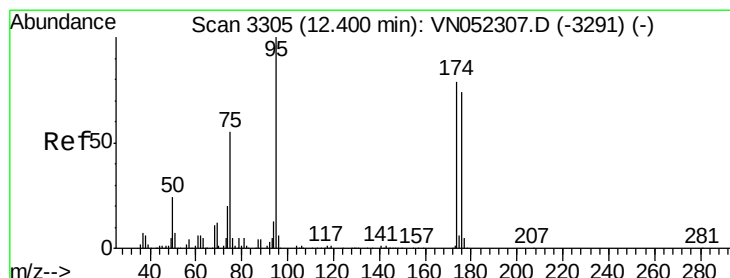
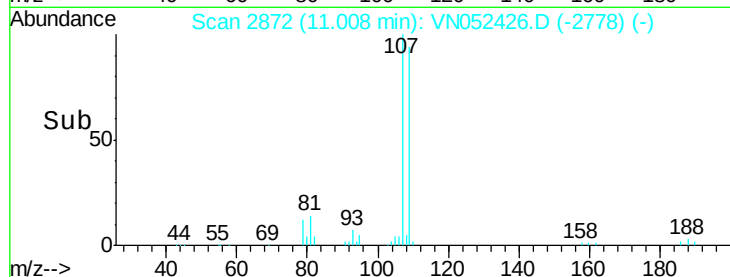
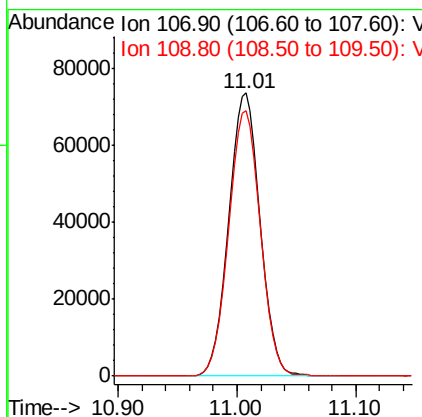
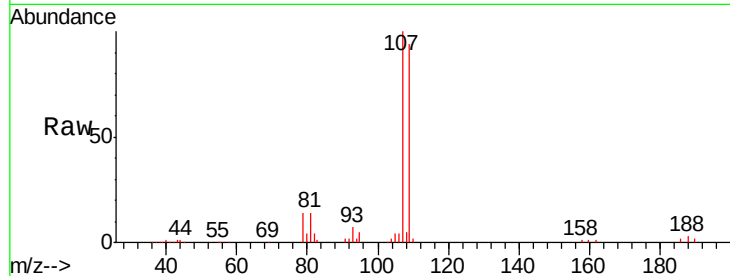
#61  
 1,2-Dibromoethane  
 Concen: 46.49 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 107 Resp: 133995  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 74.9 112.3

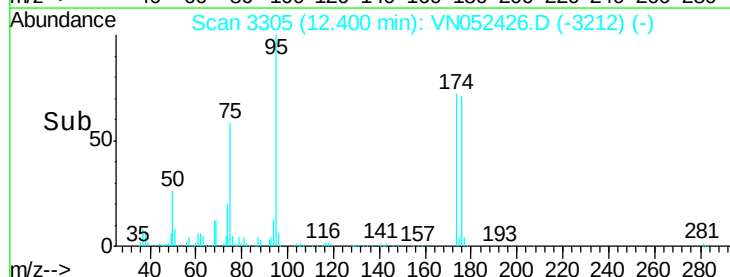
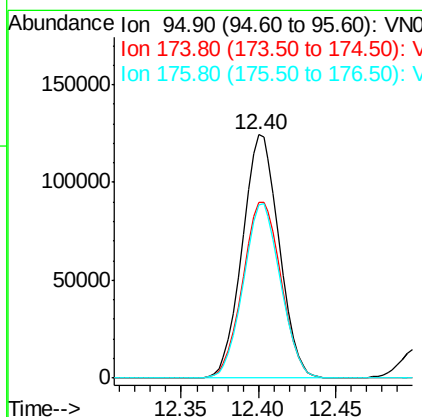
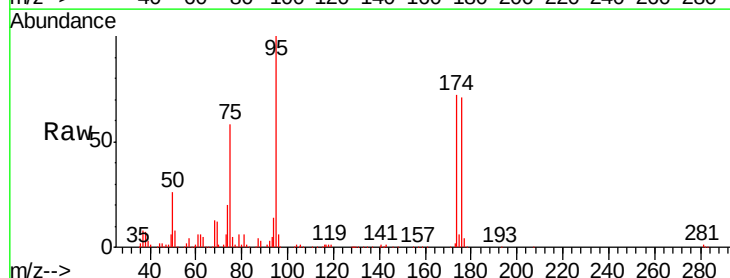
Manual Integrations  
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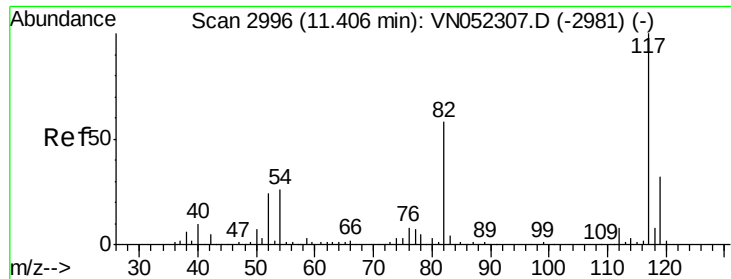
MMDadoda  
 11/26/2018 4:56:25 PM



#62  
 4-Bromofluorobenzene  
 Concen: 46.49 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Tgt Ion: 95 Resp: 205735  
 Ion Ratio Lower Upper  
 95 100  
 174 75.5 0.0 156.0  
 176 72.6 0.0 148.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 420370

Ion Ratio Lower Upper

117 100

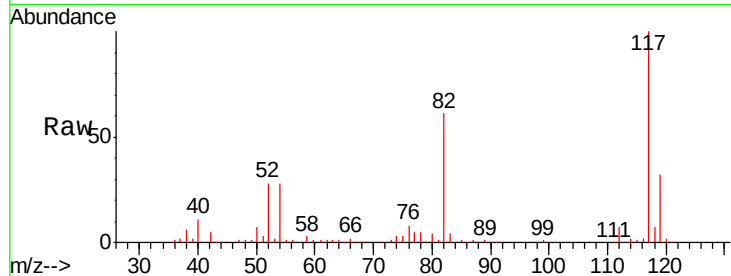
82 60.7 46.5 69.7

119 31.7 25.7 38.5

Manual Integrations  
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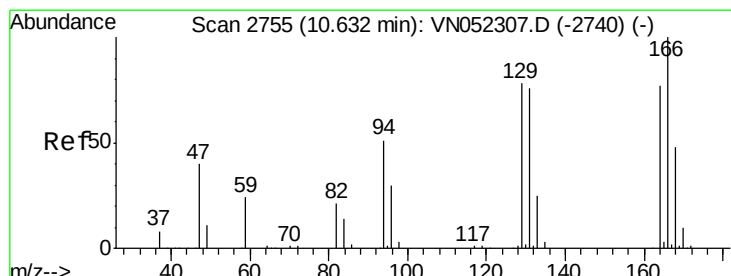
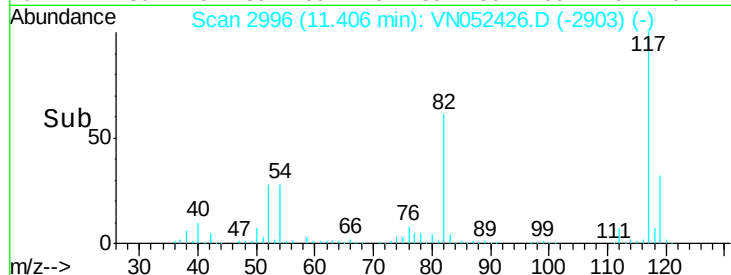
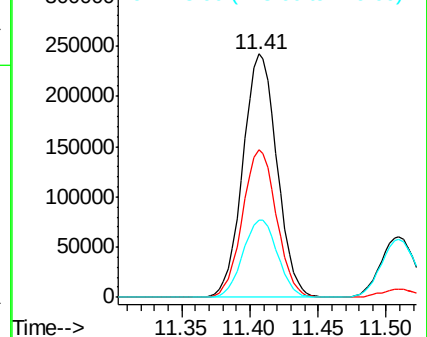
11/26/2018 4:56:25 PM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.79 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Tgt Ion:164 Resp: 148810

Ion Ratio Lower Upper

164 100

166 130.0 103.8 155.6

129 102.2 80.7 121.1

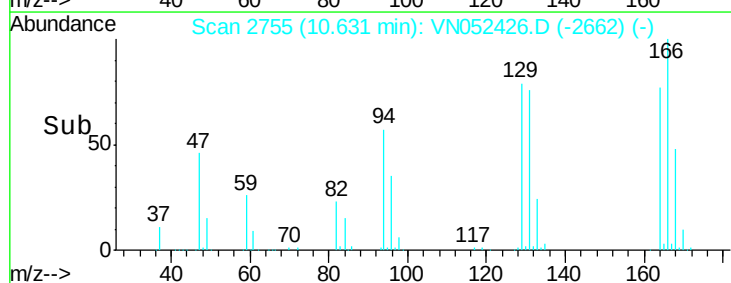
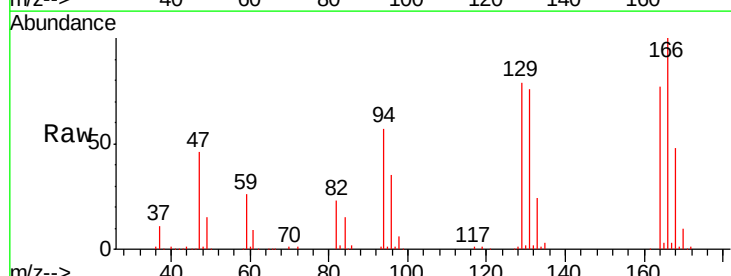
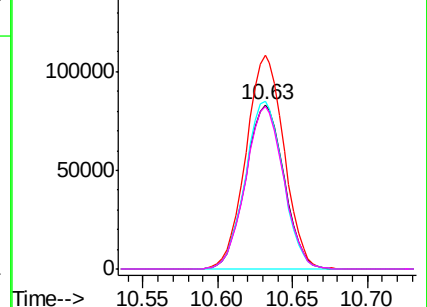
131 99.1 78.5 117.7

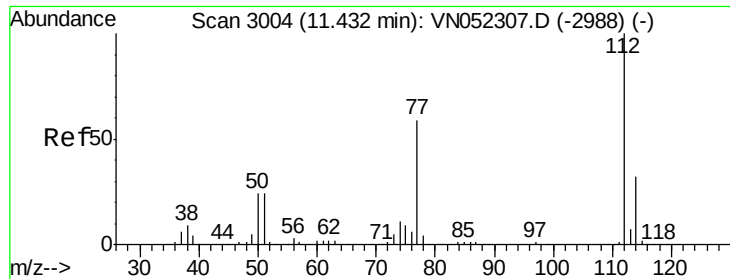
Abundance Ion 163.80 (163.50 to 164.50): V

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





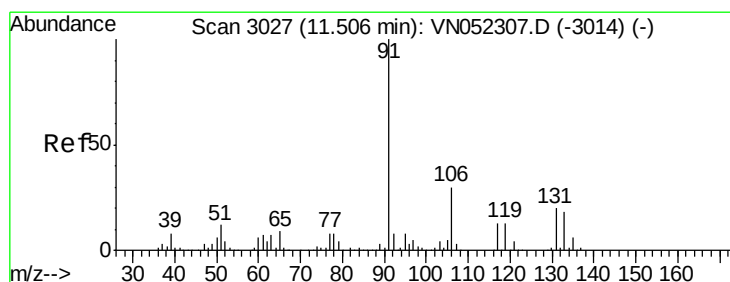
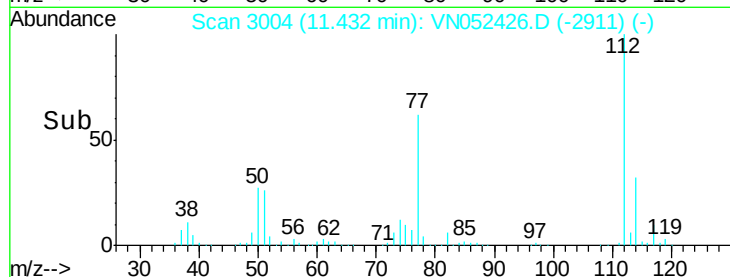
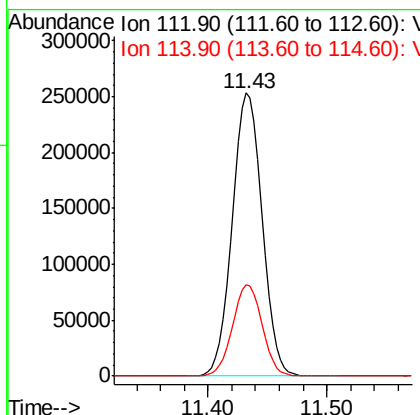
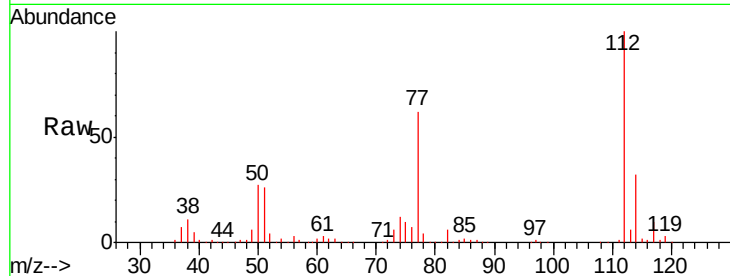
#65  
Chlorobenzene  
Concen: 49.66 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:112 Resp: 441230  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.9 38.9

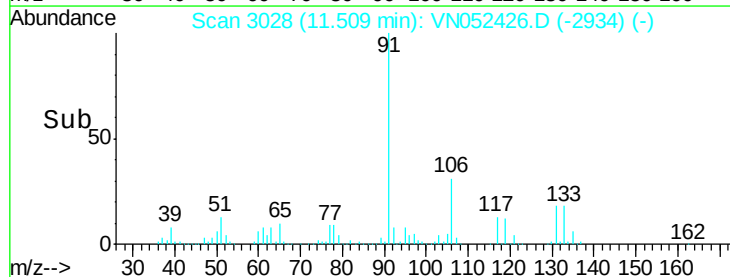
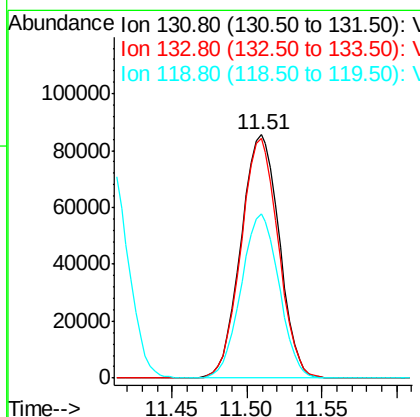
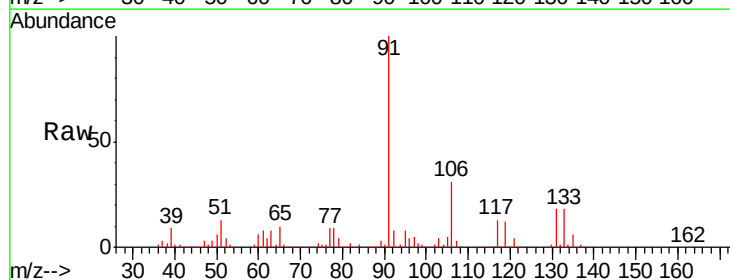
Manual Integrations  
APPROVED

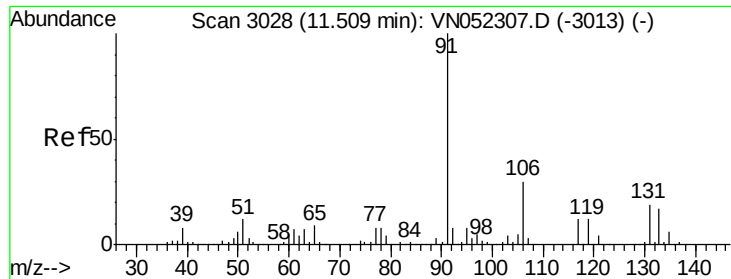
MMDadoda  
11/26/2018 4:56:25 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.46 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion:131 Resp: 152903  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.4 142.3  
119 66.6 33.3 99.9





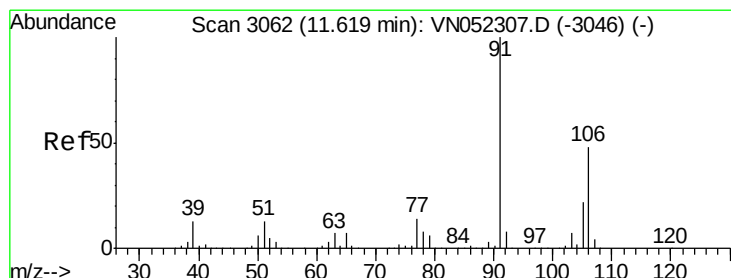
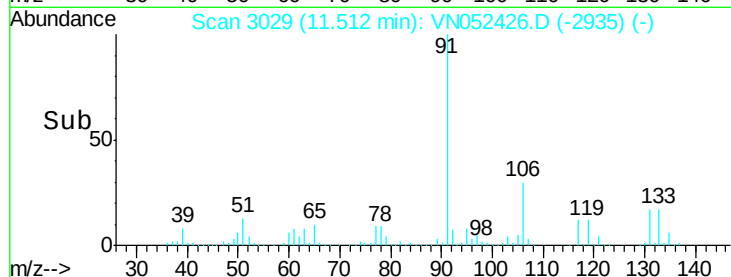
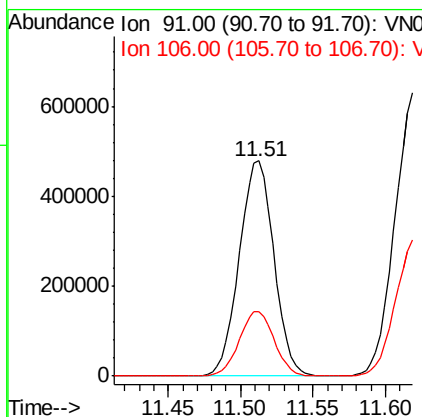
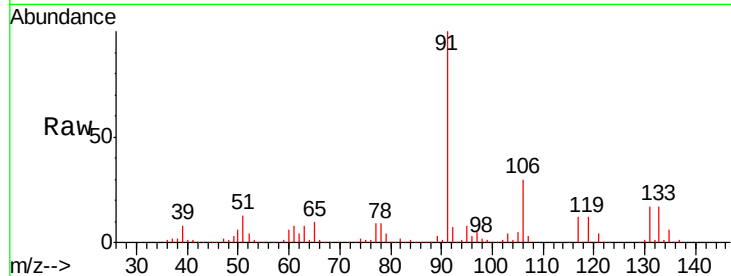
#67  
Ethyl Benzene  
Concen: 51.69 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 797090  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.2 36.2

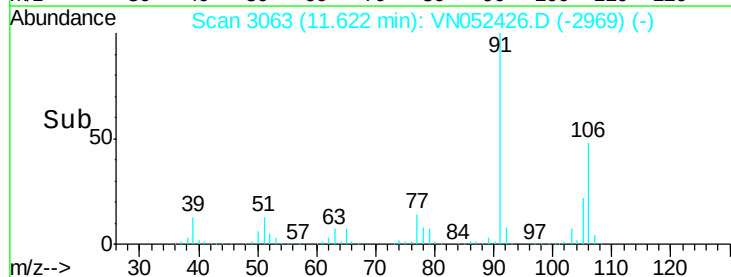
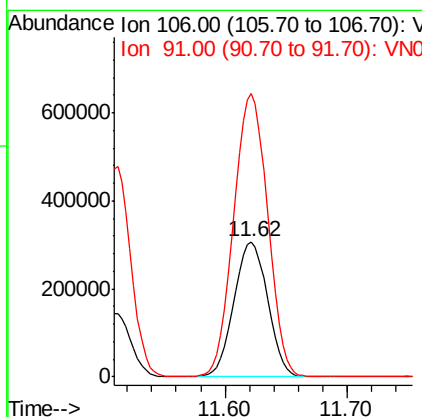
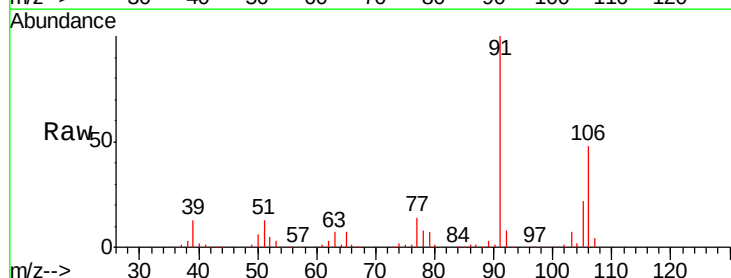
Manual Integrations  
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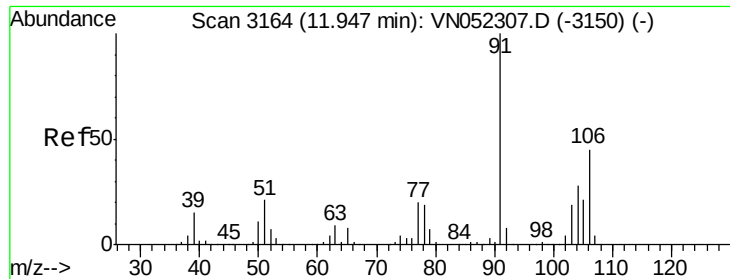
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 104.34 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion: 106 Resp: 587914  
Ion Ratio Lower Upper  
106 100  
91 211.2 165.5 248.3





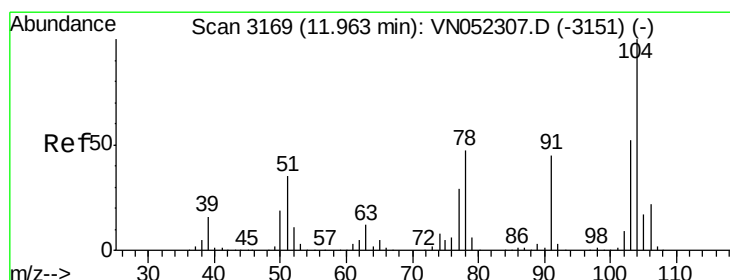
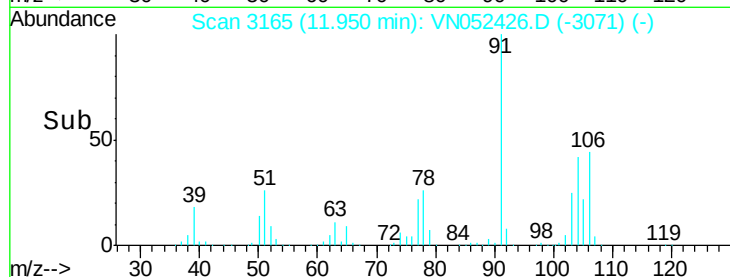
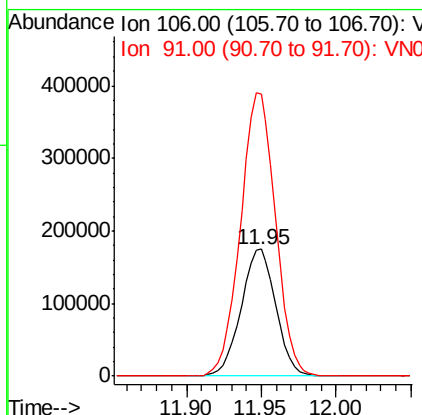
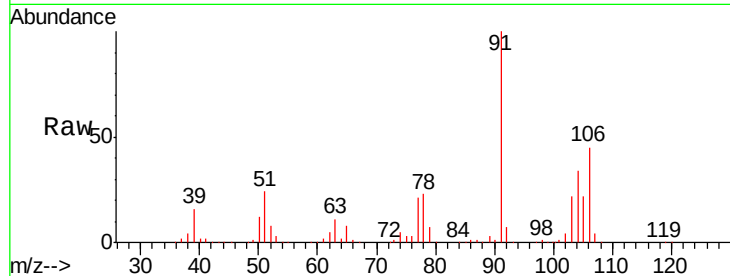
#69  
o-Xylene  
Concen: 52.20 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 281947  
Ion Ratio Lower Upper  
106 100  
91 224.7 110.0 330.0

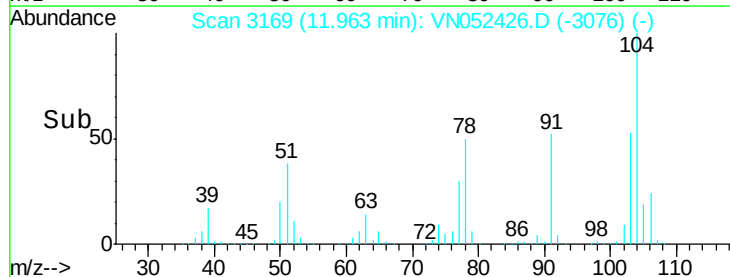
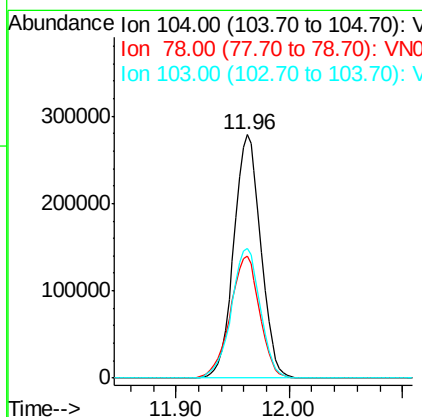
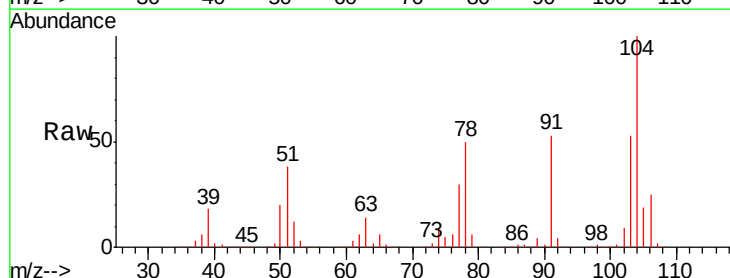
Manual Integrations  
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MMDadoda  
11/26/2018 4:56:25 PM

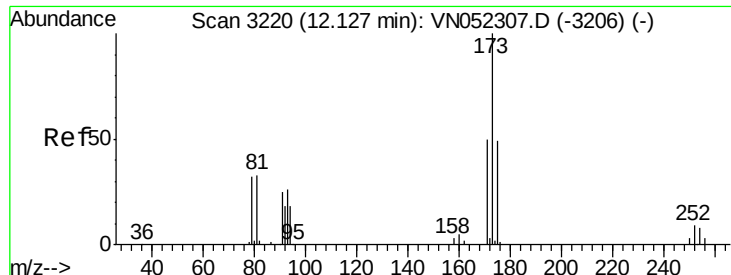


#70  
Styrene  
Concen: 53.42 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion:104 Resp: 461975  
Ion Ratio Lower Upper  
104 100  
78 54.9 42.7 64.1  
103 57.2 45.4 68.0







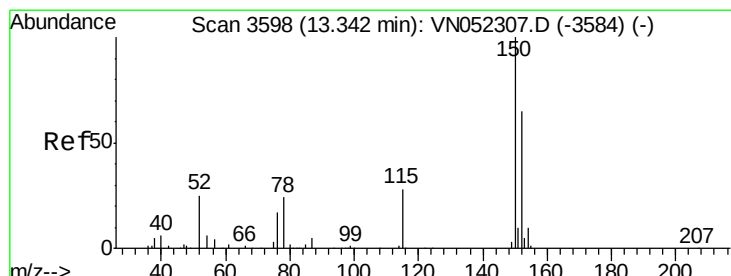
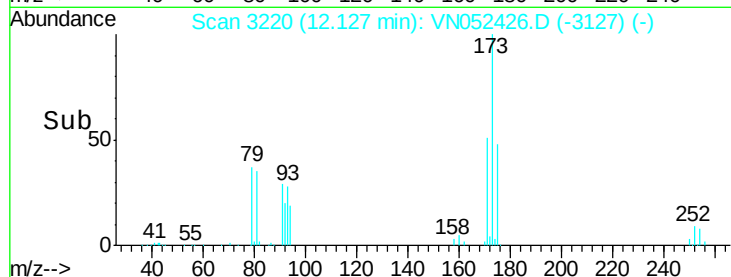
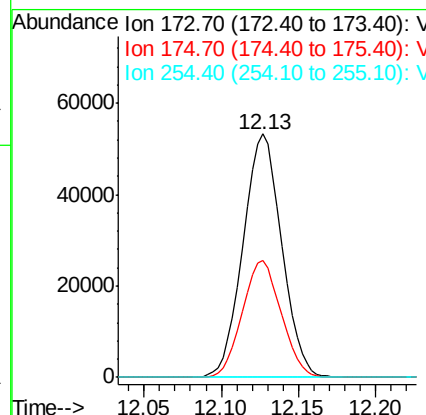
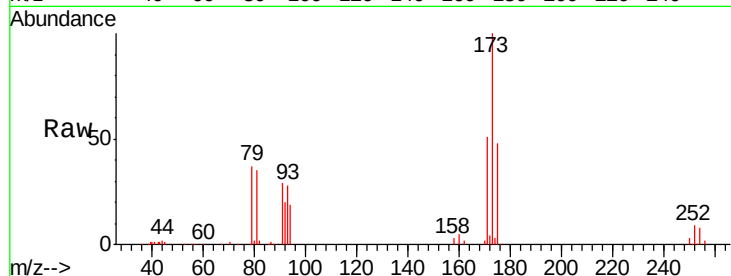
#71  
Bromoform  
Concen: 51.82 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.1  | 25.0  | 75.0  |
| 254     | 0.0   | 0.0   | 0.0   |

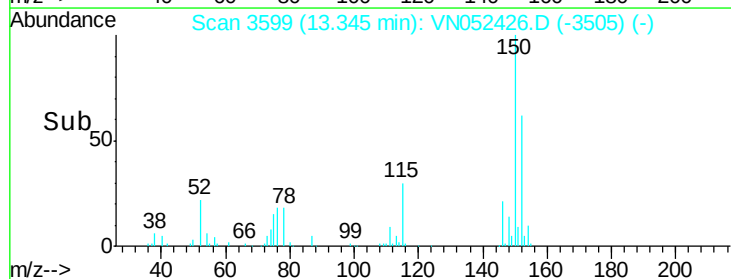
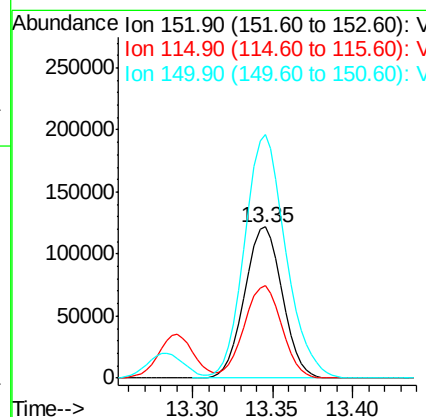
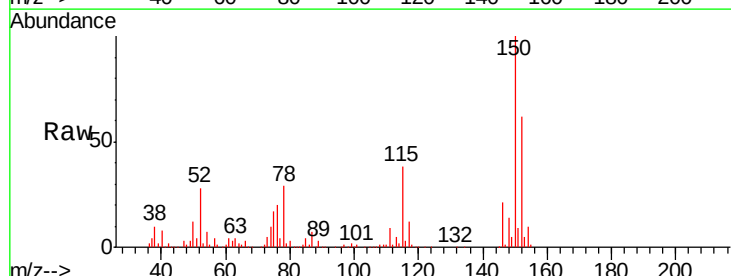
Manual Integrations  
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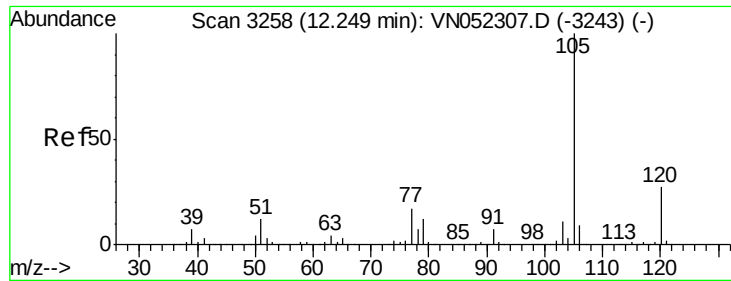
MMDadoda  
11/26/2018 4:56:25 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.8  | 30.3  | 91.0  |
| 150     | 175.7 | 0.0   | 348.2 |





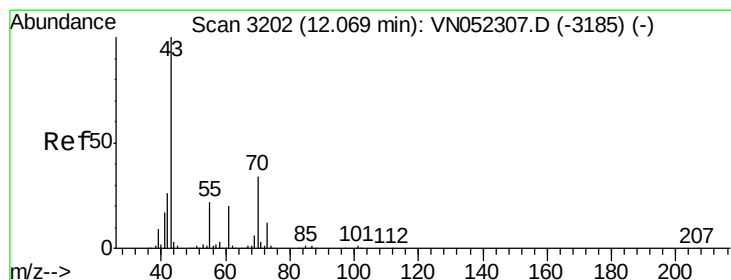
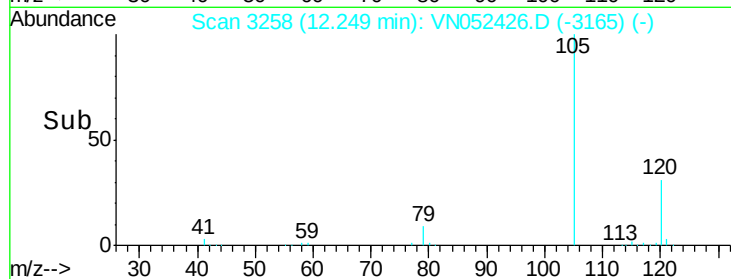
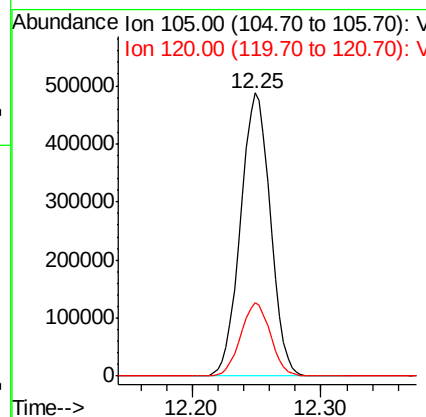
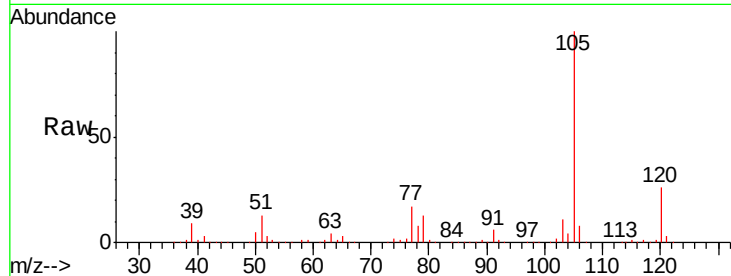
#73  
Isopropylbenzene  
Concen: 49.76 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 105 Resp: 783607  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.4 40.1

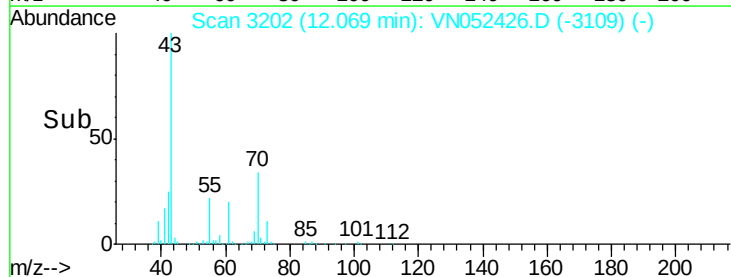
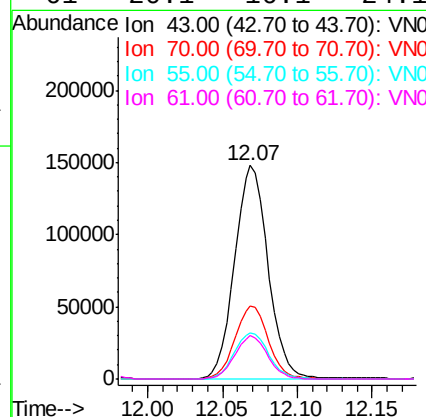
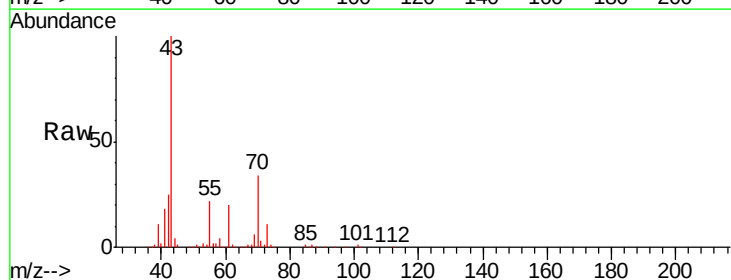
Manual Integrations  
APPROVED

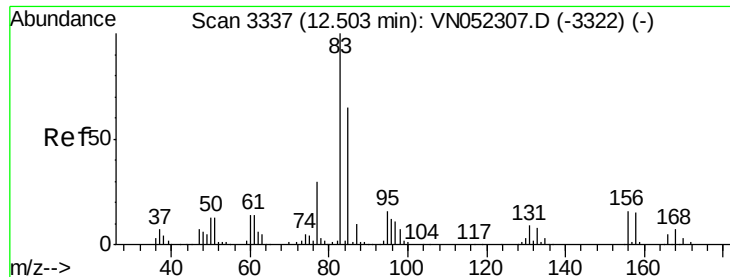
MMDadoda  
11/26/2018 4:56:25 PM



#74  
N-ethyl acetate  
Concen: 40.82 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Tgt Ion: 43 Resp: 228937  
Ion Ratio Lower Upper  
43 100  
70 34.5 27.1 40.7  
55 22.5 17.4 26.0  
61 20.1 16.1 24.1





#75

1,1,2,2-Tetrachloroethane

Concen: 43.37 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 165086  
Ion Ratio Lower Upper

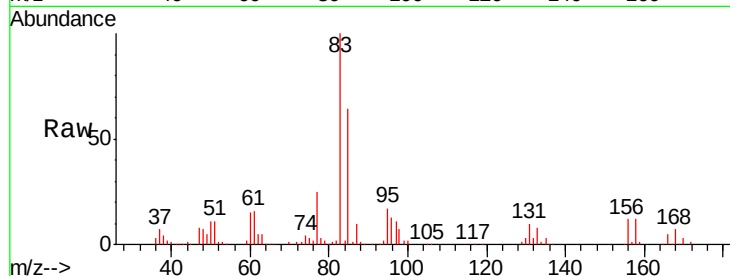
83 100

131 9.9 4.7 14.1

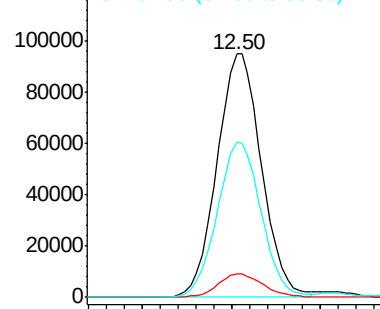
85 63.2 32.4 97.2

Manual Integrations  
APPROVED

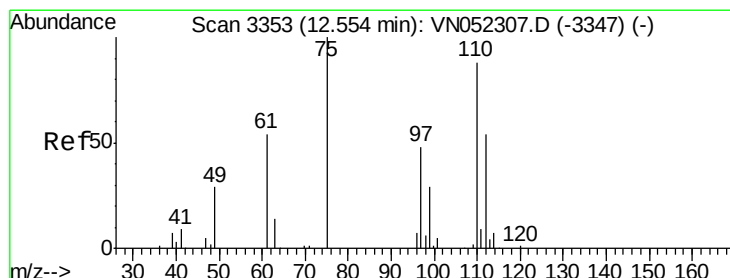
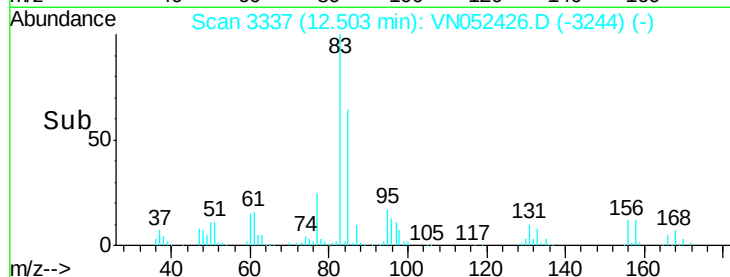
MMDadoda  
11/26/2018 4:56:25 PM



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



Time-->



#76

1,2,3-Trichloropropane

Concen: 43.57 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

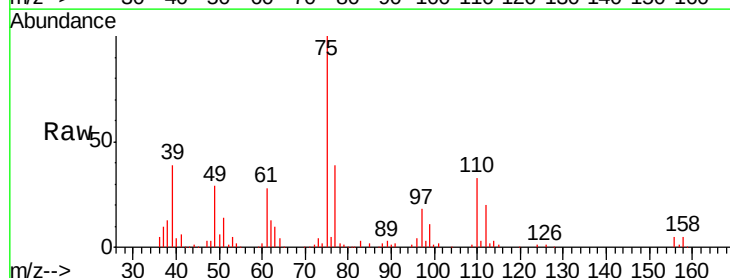
Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

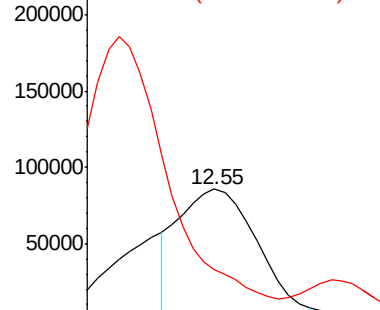
Tgt Ion: 75 Resp: 144808  
Ion Ratio Lower Upper

75 100

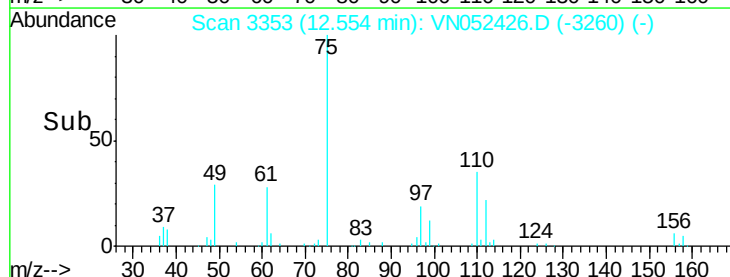
77 0.0 0.0 0.0

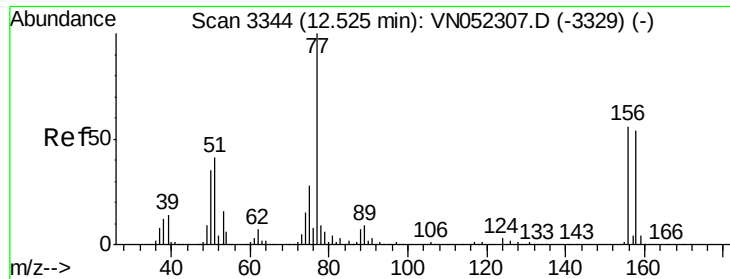


Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO



Time-->





#77

Bromobenzene

Concen: 47.06 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

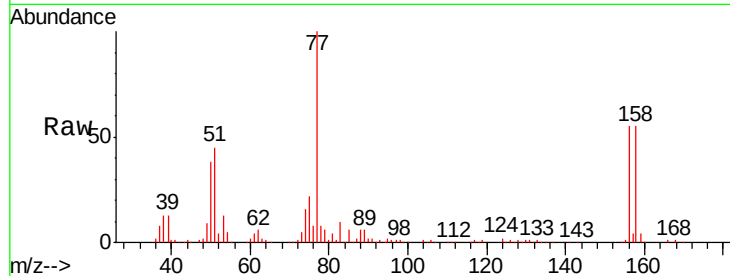
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 172419 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 208.5 | 103.6 | 310.9  |
| 158       | 97.9  | 48.1  | 144.4  |

Manual Integrations  
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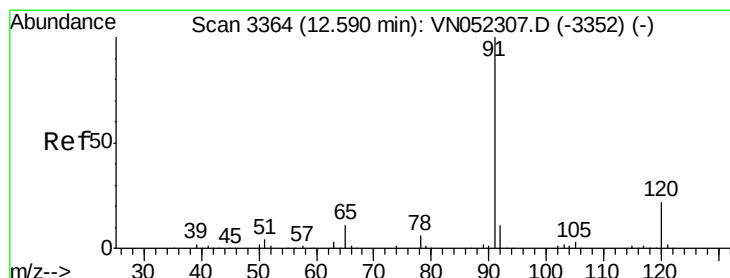
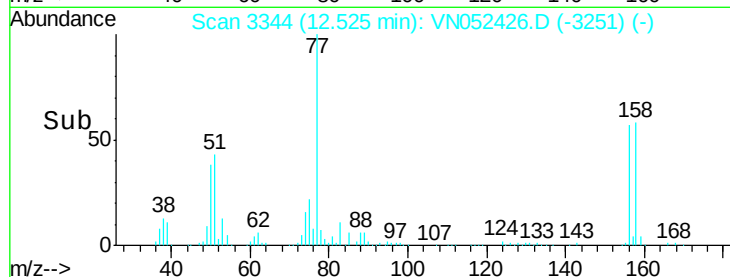
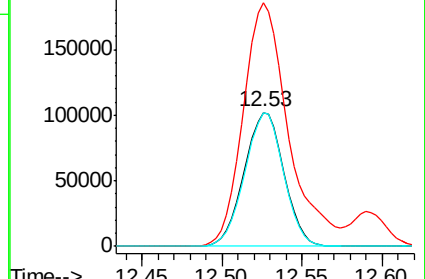
MMDadoda  
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.08 ug/l

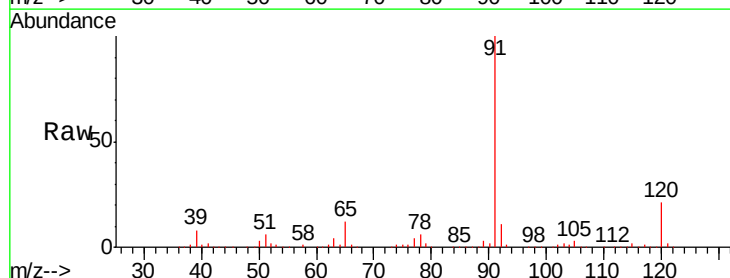
RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052426.D

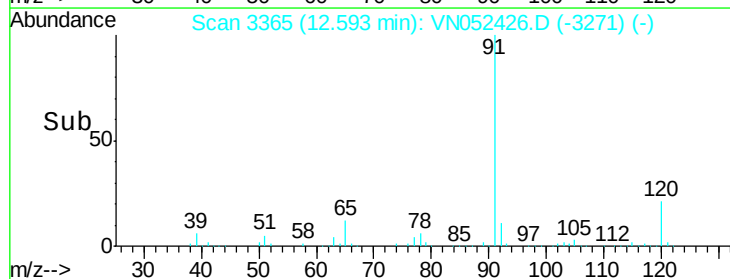
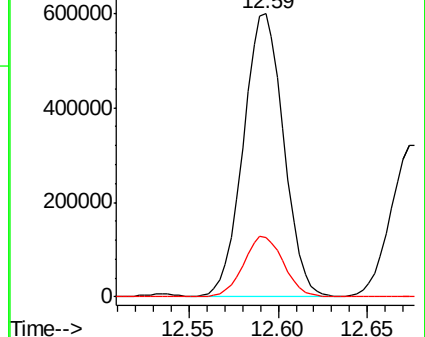
Acq: 21 Nov 2018 9:43

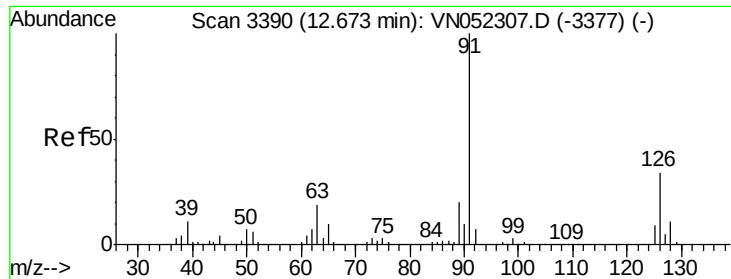
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 940749 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.3  | 11.1  | 33.1   |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.52 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 532793

Ion Ratio Lower Upper

91 100

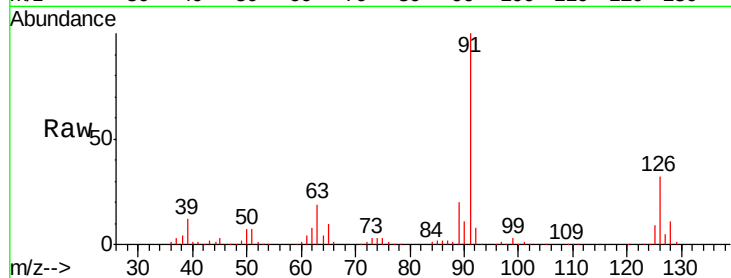
126 32.7 17.0 51.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)

600000

500000

400000

300000

200000

100000

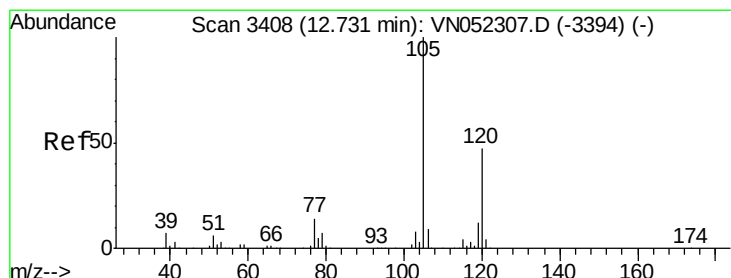
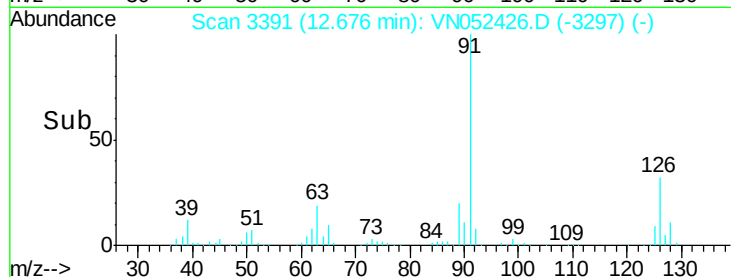
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.99 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052426.D

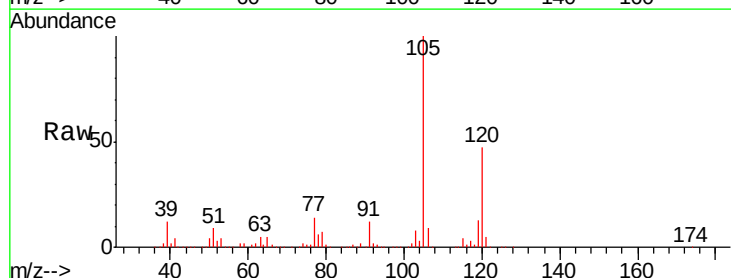
Acq: 21 Nov 2018 9:43

Tgt Ion: 105 Resp: 638483

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)

400000

300000

200000

100000

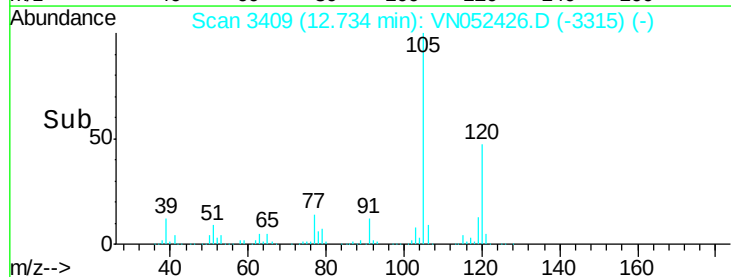
0

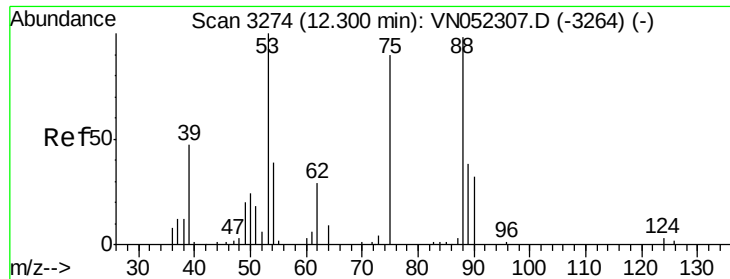
12.65

12.70

12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.87 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

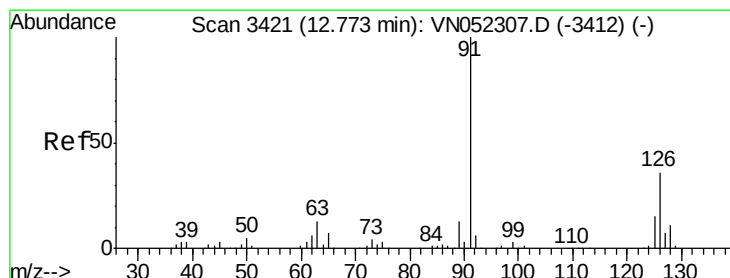
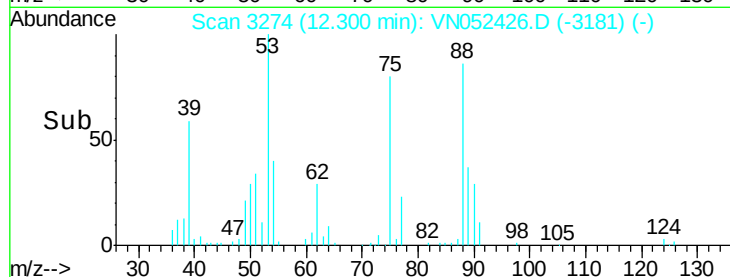
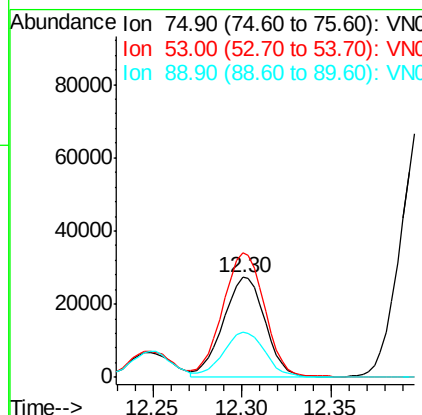
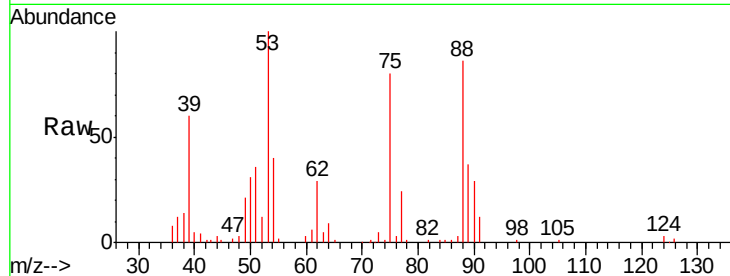
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 44950 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 125.1 | 90.2  | 135.2 |
| 89       | 45.1  | 35.4  | 53.0  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 49.99 ug/l

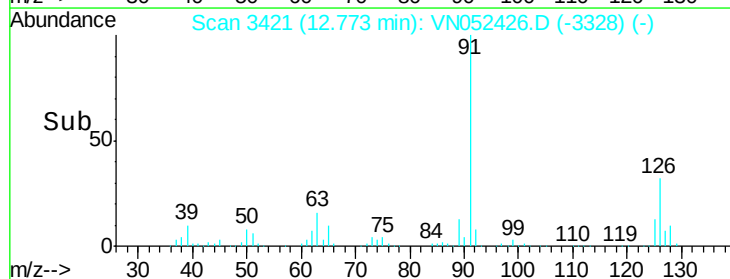
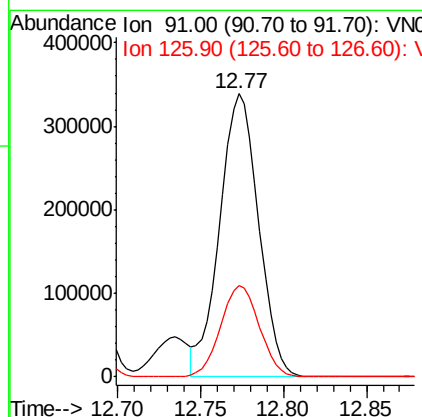
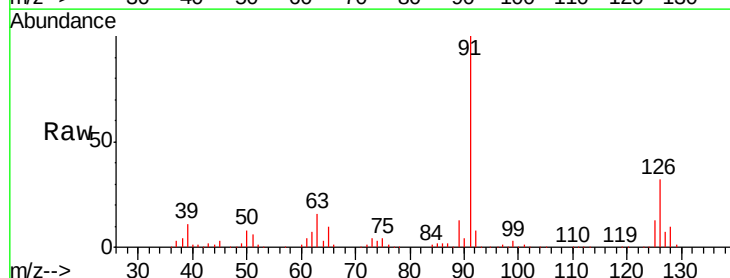
RT: 12.77 min Scan# 3421

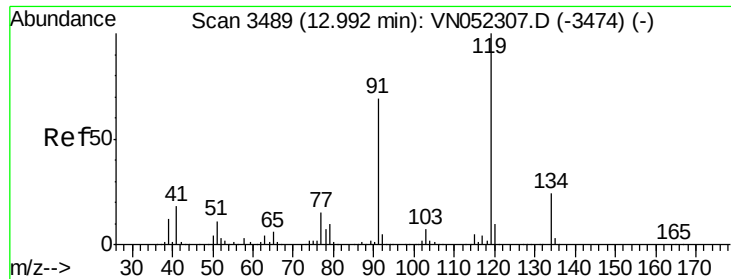
Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 550962 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.3  | 17.0  | 50.9   |





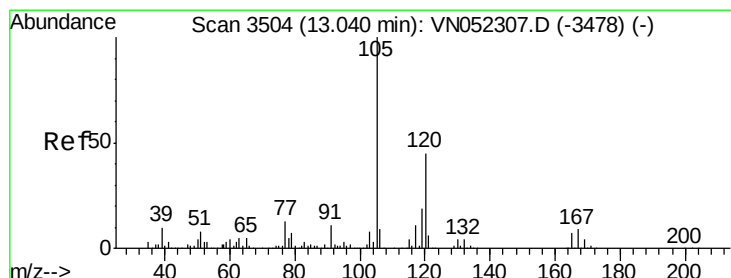
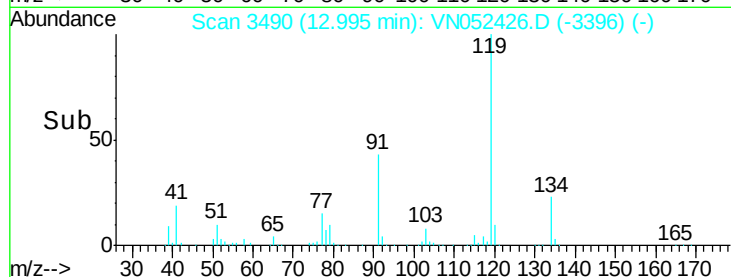
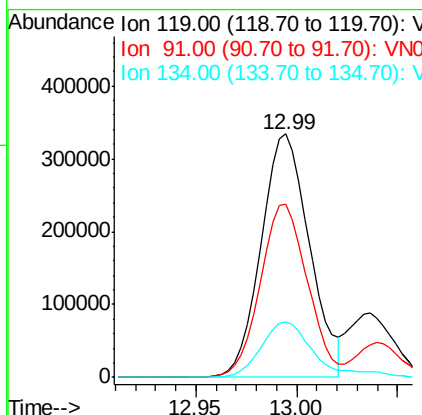
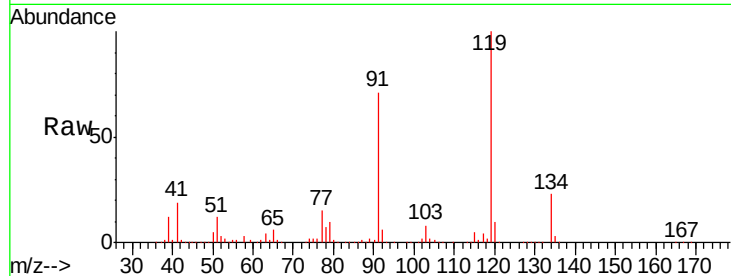
#83  
 tert-Butylbenzene  
 Concen: 50.52 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 558515 |       |       |
| 91      | 69.7  | 33.8   | 101.3 |       |
| 134     | 25.0  | 11.9   | 35.9  |       |

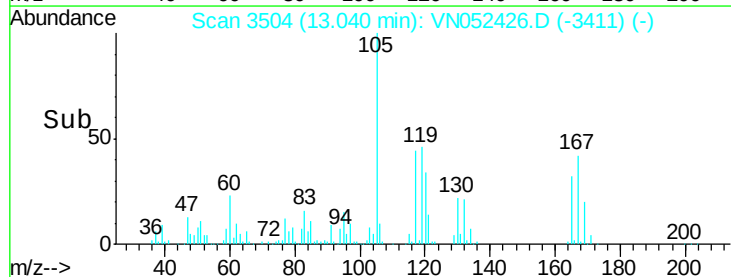
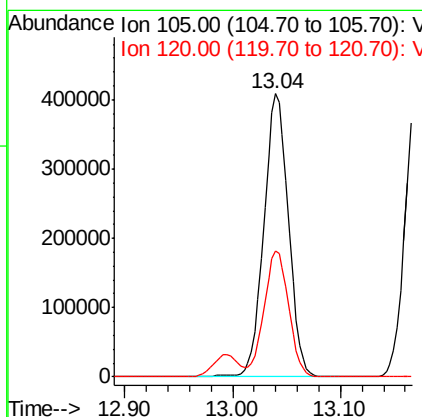
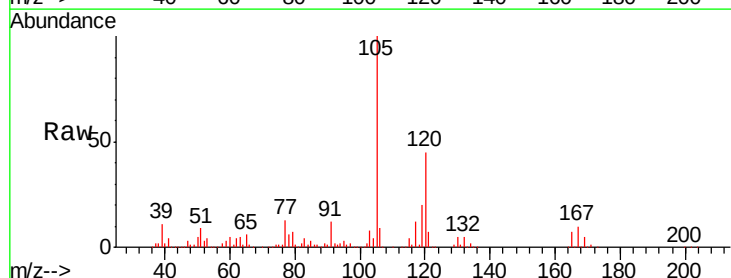
Manual Integrations  
 APPROVED

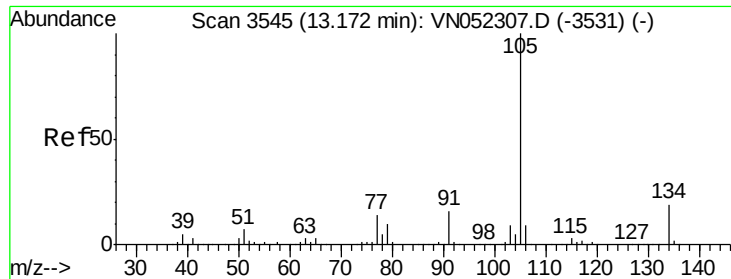
MMDadoda  
 11/26/2018 4:56:25 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.42 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 646398 |       |       |
| 120     | 44.6  | 22.5   | 67.5  |       |





#85

sec-Butylbenzene

Concen: 51.72 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 778946

Ion Ratio Lower Upper

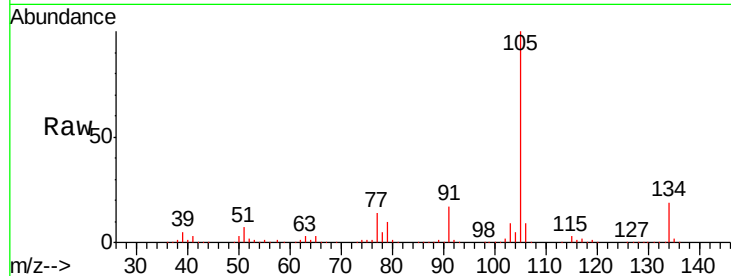
105 100

134 19.1 9.5 28.5

Manual Integrations  
APPROVED

MMDadoda

11/26/2018 4:56:25 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

500000

400000

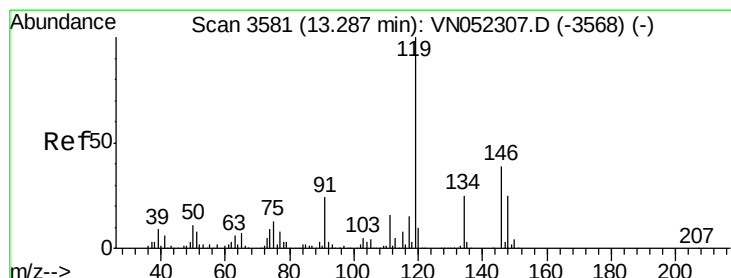
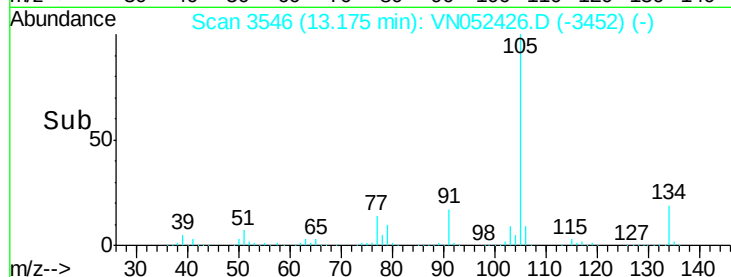
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.08 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

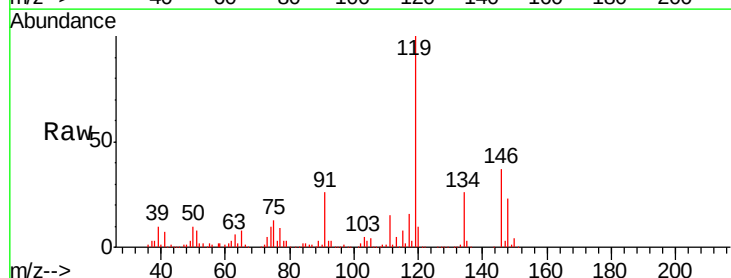
Tgt Ion:119 Resp: 664425

Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 25.6 12.4 37.0



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

13.29

500000

400000

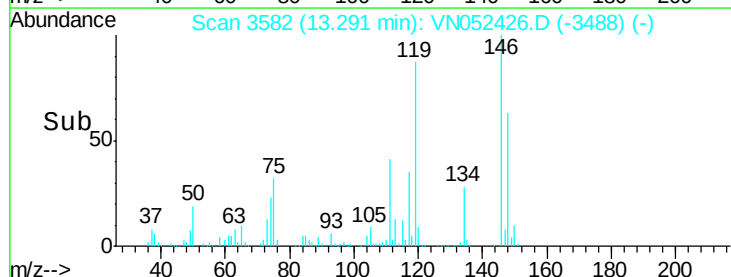
300000

200000

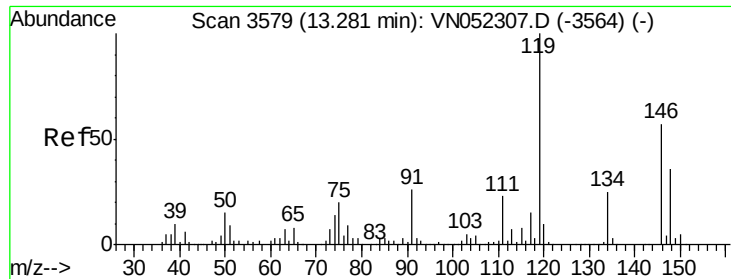
100000

0

Time-->







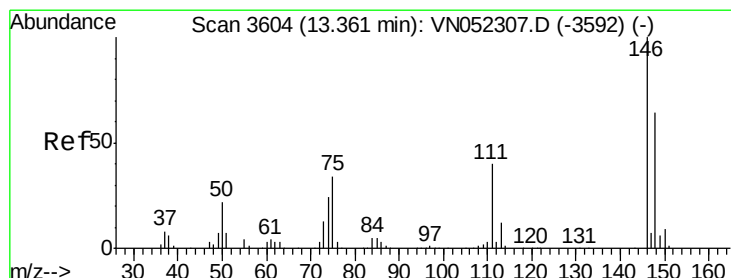
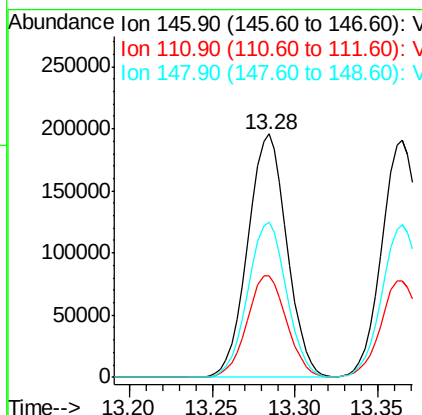
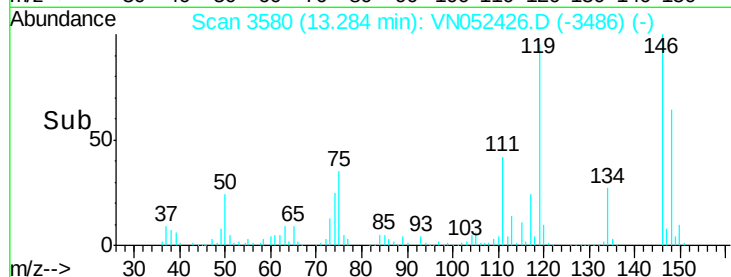
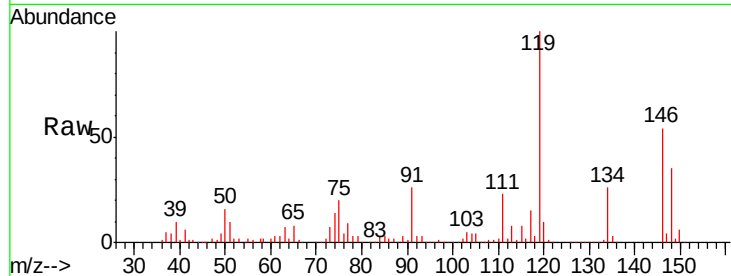
#87  
 1,3-Dichlorobenzene  
 Concen: 49.45 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 20.3  | 61.0  |
| 148     | 63.3  | 31.8  | 95.4  |

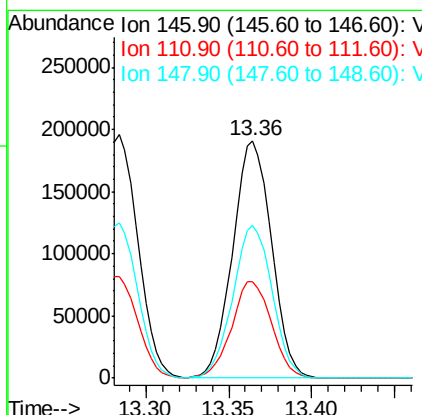
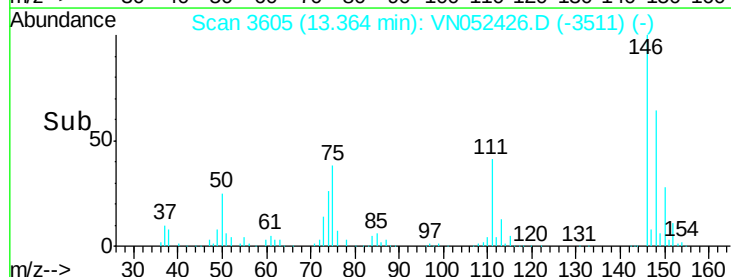
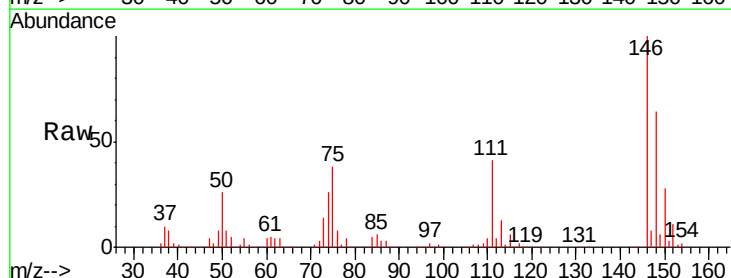
Manual Integrations  
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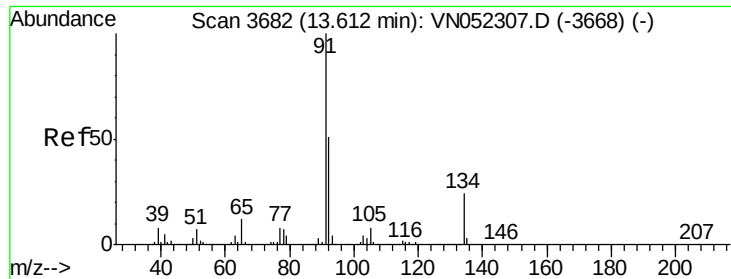
MMDadoda  
 11/26/2018 4:56:25 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.16 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 20.6  | 61.8  |
| 148     | 64.9  | 32.4  | 97.2  |





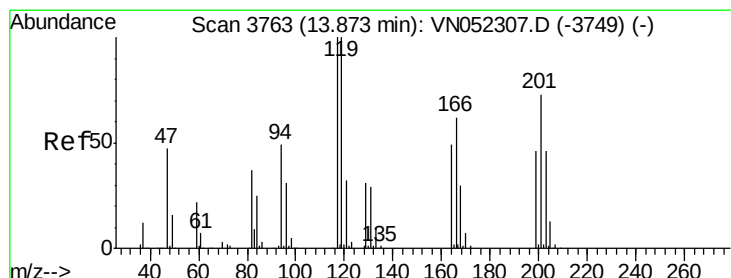
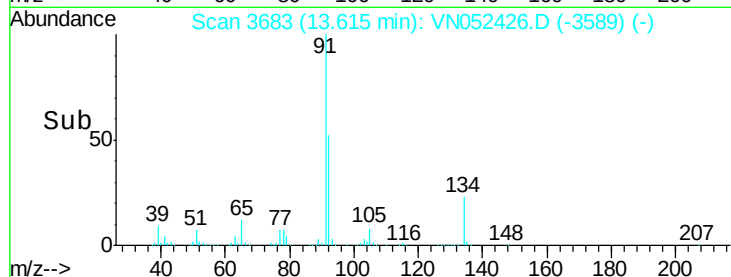
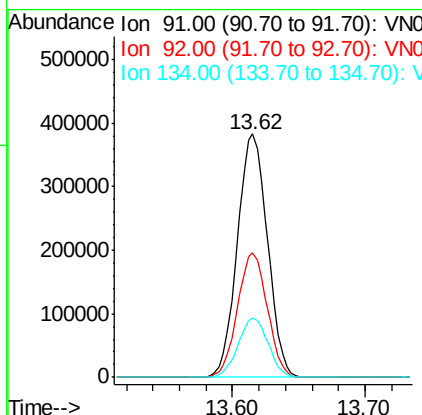
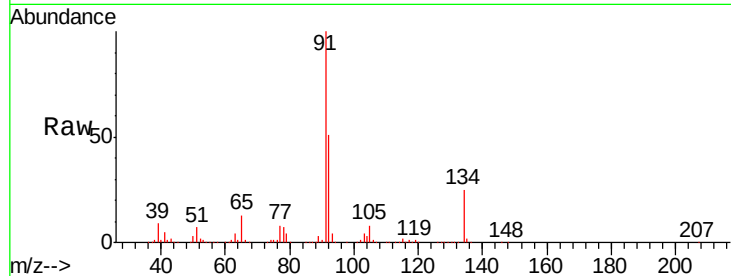
#89  
n-Butylbenzene  
Concen: 55.23 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.6  | 25.4  | 76.2  |
| 134     | 24.3  | 12.2  | 36.4  |

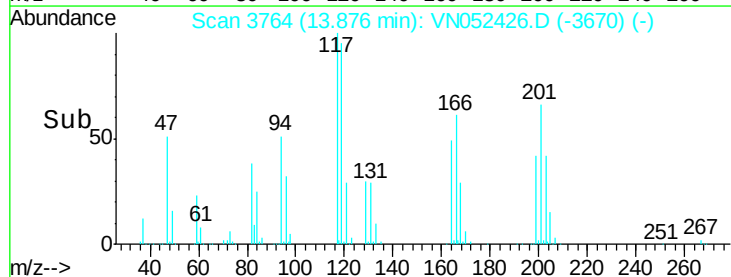
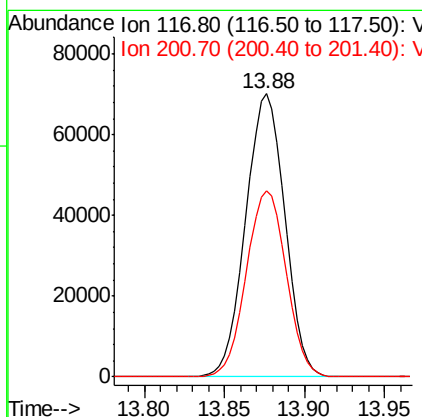
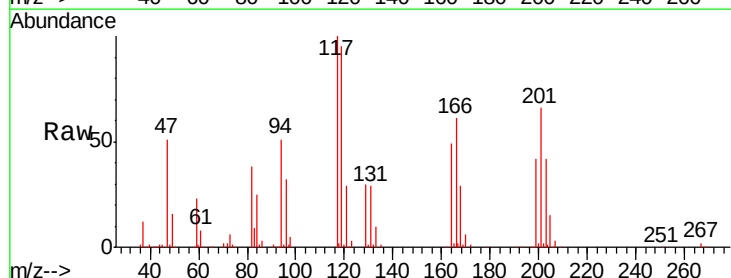
Manual Integrations  
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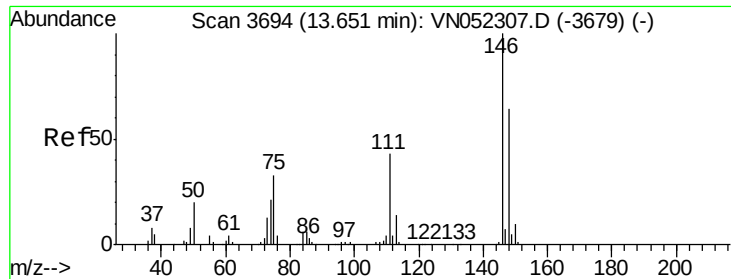
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11/26/2018 4:56:25 PM



#90  
Hexachloroethane  
Concen: 52.01 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 66.8  | 35.3  | 105.9 |





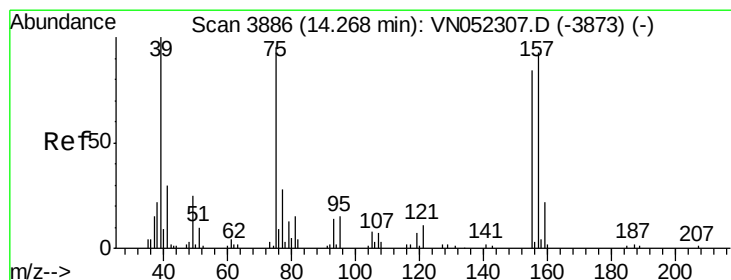
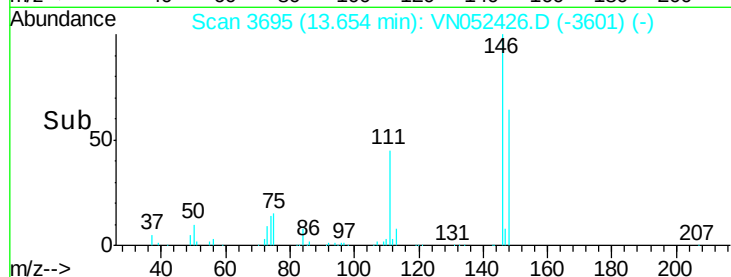
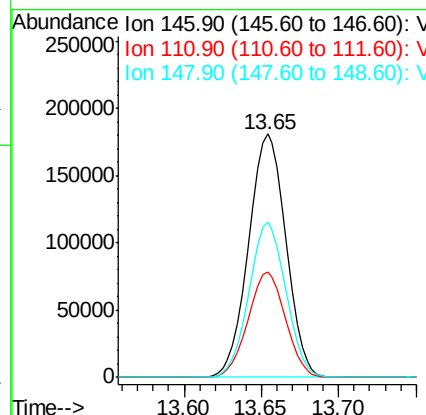
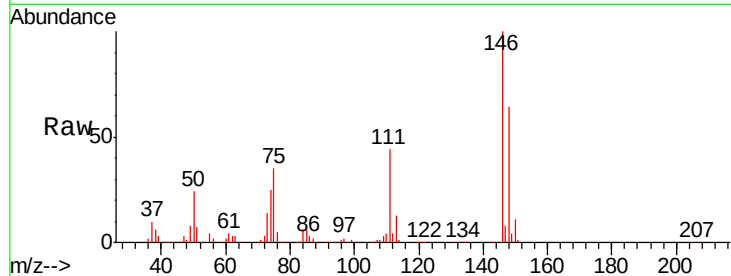
#91  
 1,2-Dichlorobenzene  
 Concen: 48.32 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.3  | 21.3  | 63.9  |
| 148     | 62.9  | 31.6  | 94.8  |

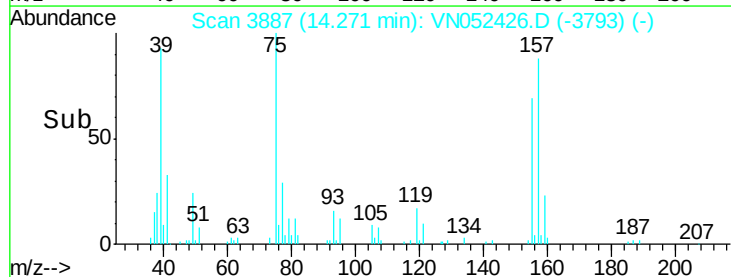
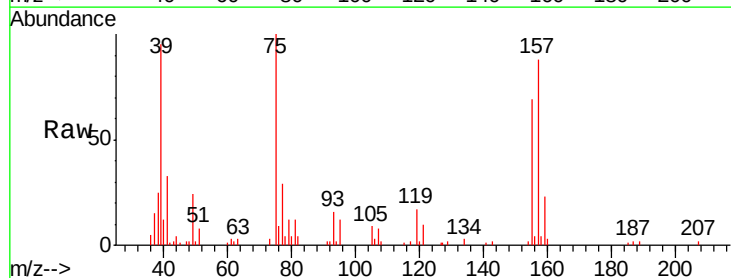
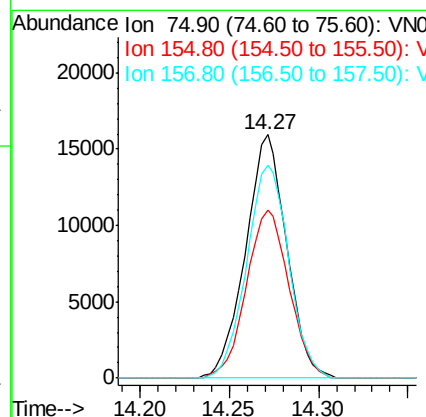
Manual Integrations  
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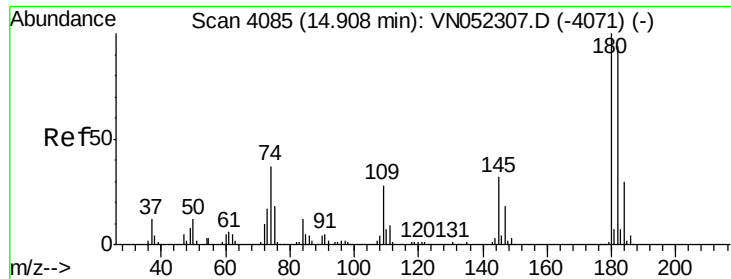
MMDadoda  
 11/26/2018 4:56:25 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.72 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 71.7  | 42.4  | 127.3 |
| 157     | 89.6  | 49.6  | 149.0 |





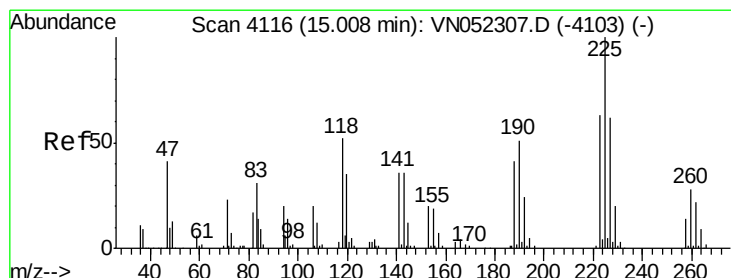
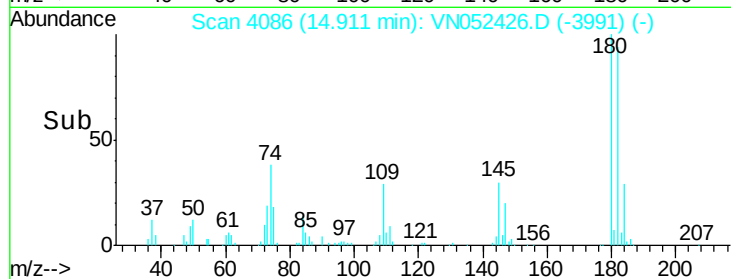
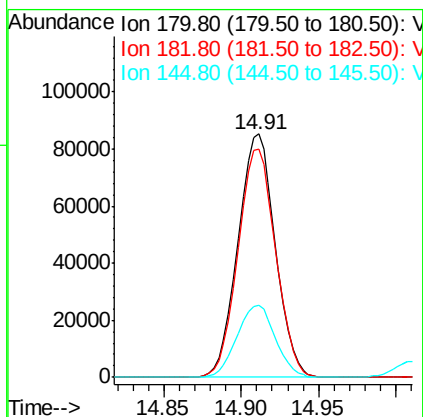
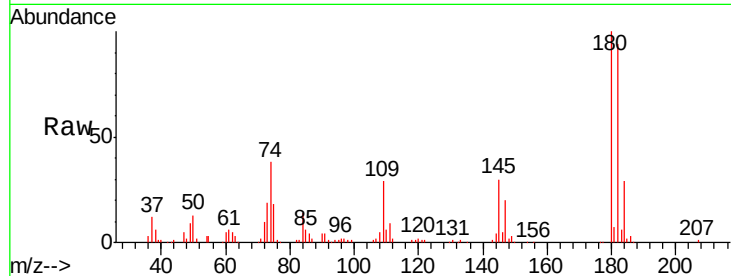
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.81 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 47.6  | 142.9 |
| 145     | 30.5  | 15.5  | 46.5  |

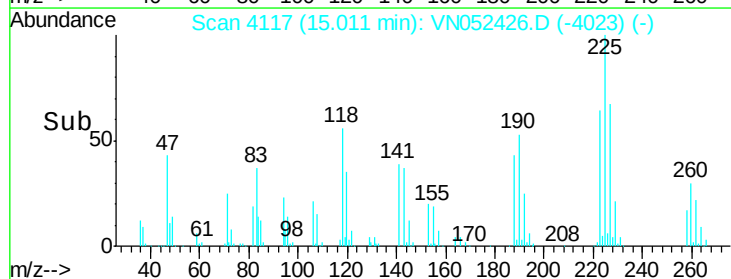
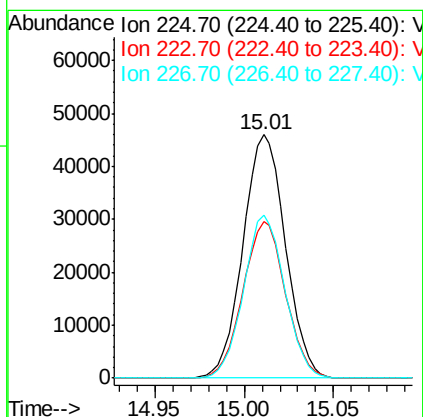
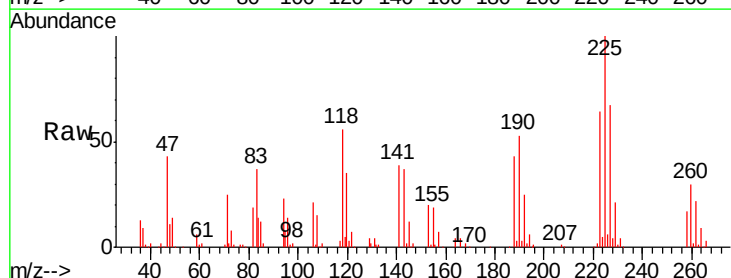
Manual Integrations  
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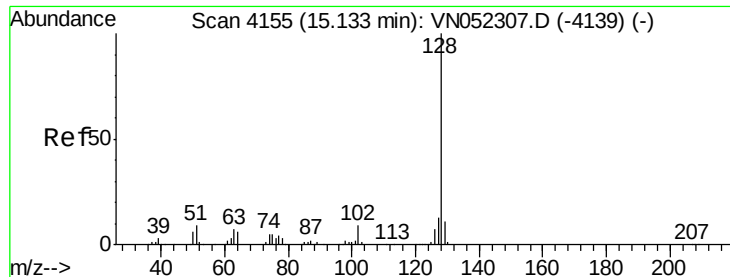
MMDadoda  
 11/26/2018 4:56:25 PM



#94  
 Hexachlorobutadiene  
 Concen: 52.99 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN052426.D  
 Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.3  | 31.9  | 95.5  |
| 227     | 64.8  | 31.6  | 95.0  |





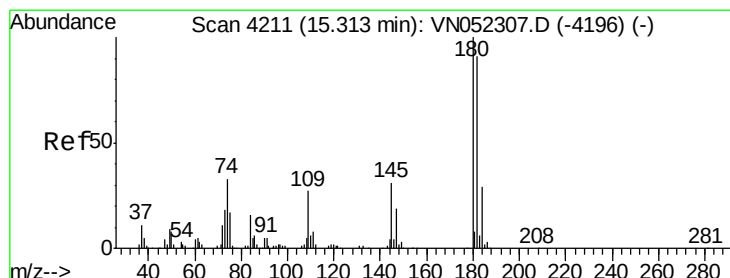
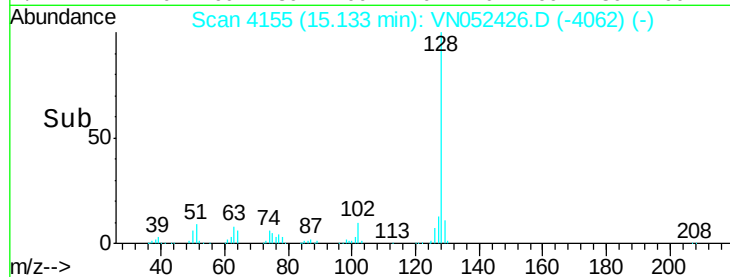
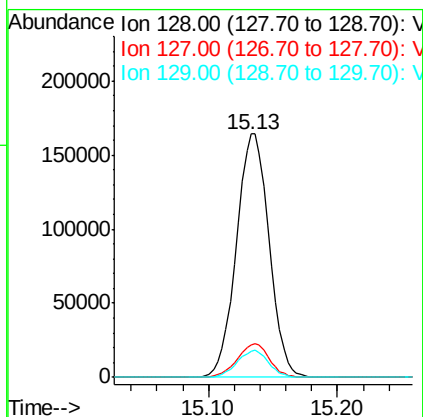
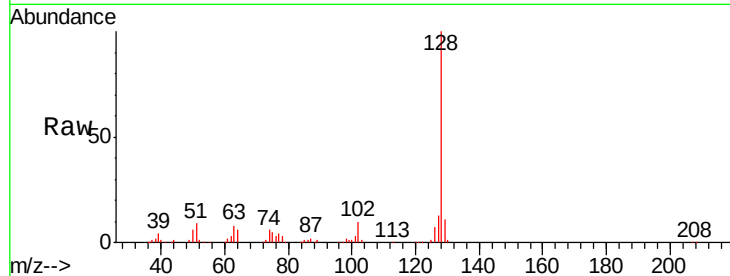
#95  
Naphthalene  
Concen: 42.18 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. -0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.6  | 10.4  | 15.6  |
| 129     | 10.7  | 8.6   | 13.0  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 52.10 ug/l  
RT: 15.32 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN052426.D  
Acq: 21 Nov 2018 9:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 46.5  | 139.3 |
| 145     | 33.5  | 16.4  | 49.2  |

