

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051120\  
 Data File : VX016141.D  
 Acq On : 11 May 2020 12:17  
 Operator : JC/SP  
 Sample : VX0511WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

Manual Integrations  
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 5/12/2020 2:07:09 PM

Quant Time: May 11 18:42:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 298112   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 464694   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 430013   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 220450   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 176242   | 44.93 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.86% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 138431   | 47.02 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.04% |      |
| 50) Toluene-d8            | 8.70   | 98  | 539152   | 47.53 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.06% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 205056   | 47.53 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.06% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 59859  | 18.970 | ug/l | 100    |
| 3) Chloromethane              | 1.31 | 50  | 62561  | 17.072 | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 67508  | 17.267 | ug/l | 98     |
| 5) Bromomethane               | 1.62 | 94  | 39730  | 20.157 | ug/l | 96     |
| 6) Chloroethane               | 1.71 | 64  | 42292  | 17.778 | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 89607  | 17.458 | ug/l | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 38322  | 17.720 | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 54555  | 18.423 | ug/l | 98     |
| 10) Methyl Iodide             | 2.49 | 142 | 53700  | 13.500 | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.01 | 59  | 90638  | 91.370 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 54129  | 17.467 | ug/l | 95     |
| 13) Acrolein                  | 2.27 | 56  | 35034  | 56.438 | ug/l | 99     |
| 14) Allyl chloride            | 2.71 | 41  | 101472 | 17.859 | ug/l | 97     |
| 15) Acrylonitrile             | 3.11 | 53  | 189488 | 92.079 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 152537 | 87.147 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.55 | 76  | 161994 | 17.272 | ug/l | 98     |
| 18) Methyl Acetate            | 2.75 | 43  | 82235  | 19.108 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 207274 | 19.403 | ug/l | 99     |
| 20) Methylene Chloride        | 2.83 | 84  | 63447  | 17.584 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 60308  | 17.464 | ug/l | 98     |
| 22) Diisopropyl ether         | 3.82 | 45  | 200011 | 18.659 | ug/l | 92     |
| 23) Vinyl Acetate             | 3.78 | 43  | 882338 | 93.559 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 111247 | 18.552 | ug/l | 99     |
| 25) 2-Butanone                | 4.63 | 43  | 260302 | 92.289 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 99073  | 18.091 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 70485  | 18.670 | ug/l | 97     |
| 28) Bromochloromethane        | 4.98 | 49  | 52194  | 19.089 | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 172512 | 92.308 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 110987 | 18.589 | ug/l | 96     |
| 31) Cyclohexane               | 5.54 | 56  | 101133 | 18.558 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 98765  | 18.199 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 85393  | 18.668 | ug/l | 98     |
| 37) Ethyl Acetate             | 4.79 | 43  | 100470 | 18.951 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 87251  | 18.766 | ug/l | 95     |

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 MSVOA\_X  
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Manual Integrations  
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Quant Time: May 11 18:42:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 103920   | 18.865  | ug/l   | 99       |
| 40) Benzene                    | 6.11  | 78   | 253401   | 18.933  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.00  | 41   | 54144    | 18.910  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 90145    | 18.697  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 161581   | 19.102  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 90347    | 19.001  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 66233    | 19.557  | ug/l   | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 44408    | 19.296  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.88  | 83   | 90654    | 19.341  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.74  | 41   | 74620    | 18.616  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 37519    | 390.285 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 499498   | 96.494  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 160748   | 19.269  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 105774   | 18.927  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 112353   | 19.247  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 64355    | 19.607  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 103678   | 19.351  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 112460   | 19.636  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 265451   | 93.066  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 383601   | 94.363  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 71059    | 19.657  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 68643    | 19.307  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 104140   | 19.727  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 171964   | 19.099  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 63898    | 19.200  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 302136   | 18.807  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 232926   | 38.698  | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 110814   | 19.153  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 184342   | 18.780  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 51685    | 19.062  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.00 | 105  | 299003   | 18.648  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 134706   | 18.011  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 54237    | 19.580  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 94686m   | 18.928  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 76459    | 18.474  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 344236   | 18.454  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 206848   | 18.786  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 251308   | 18.563  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 38285    | 18.238  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 238366   | 18.333  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 215561   | 18.476  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 256044   | 18.707  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 291250   | 18.489  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 270646   | 18.505  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 134528   | 18.103  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 136817   | 18.140  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 237579   | 17.781  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 45832    | 18.246  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 131684   | 18.403  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 22746    | 17.252  | ug/l   | 99       |

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Sample : VX0511WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

Manual Integrations  
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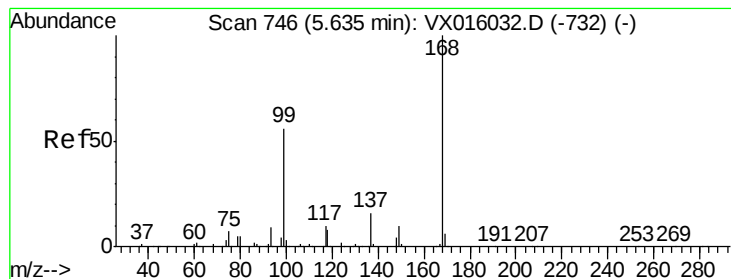
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5/12/2020 2:07:09 PM

Quant Time: May 11 18:42:22 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 97313    | 18.369 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 42644    | 19.022 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 316373   | 18.443 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 96064    | 18.554 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion:168 Resp: 298112

Ion Ratio Lower Upper

168 100

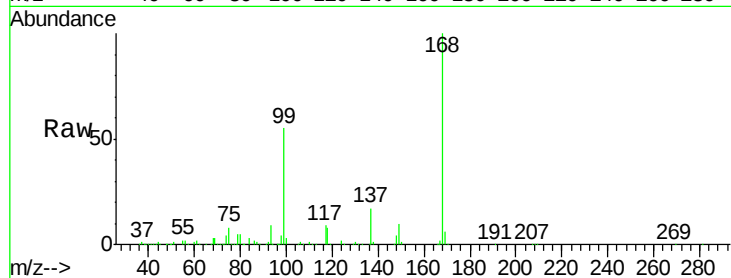
99 55.4 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

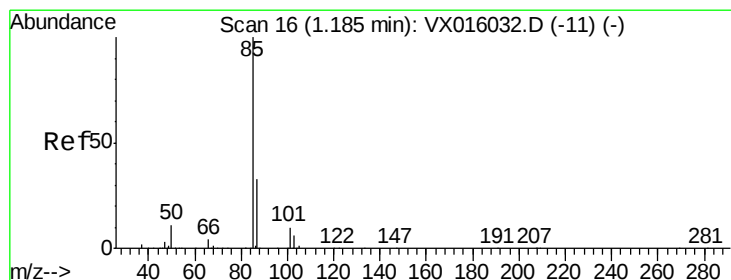
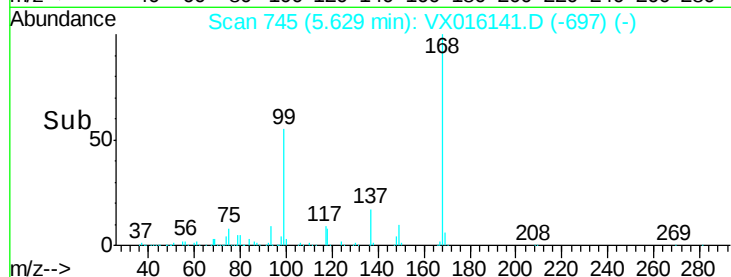
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.970 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016141.D

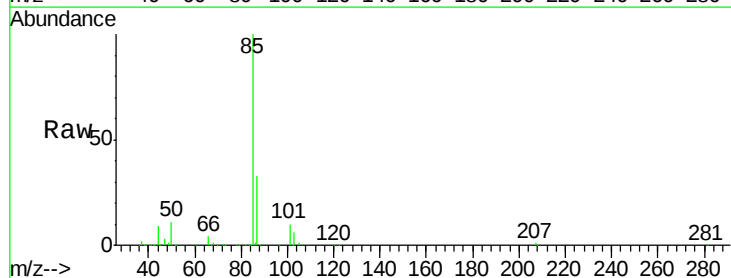
Acq: 11 May 2020 12:17

Tgt Ion: 85 Resp: 59859

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

40000

20000

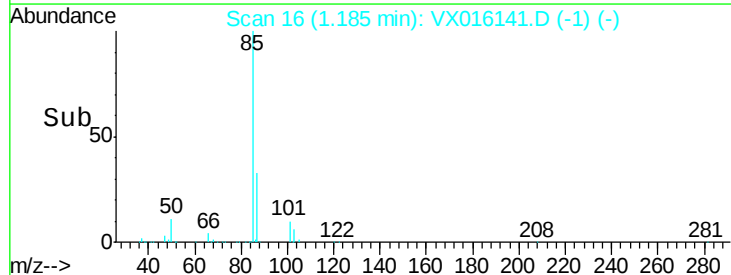
0

1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.072 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 50 Resp: 62561

Ion Ratio Lower Upper

50 100

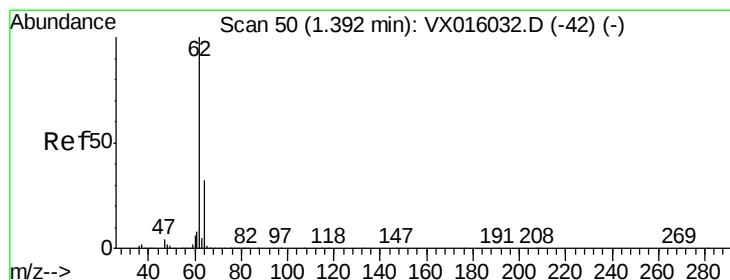
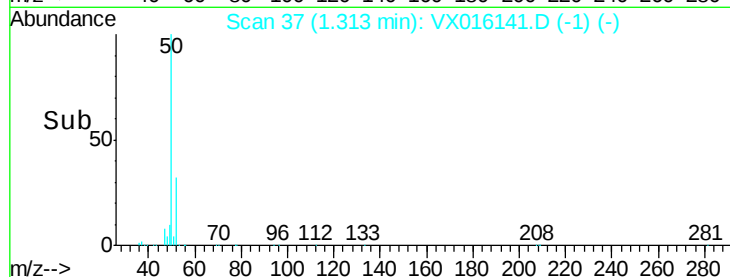
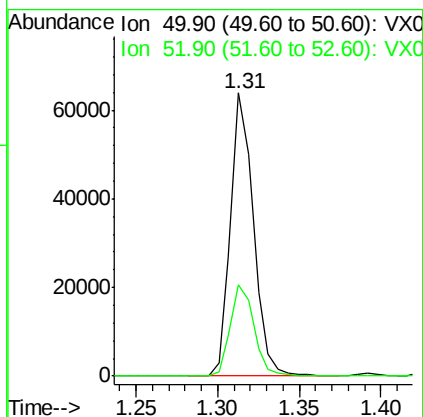
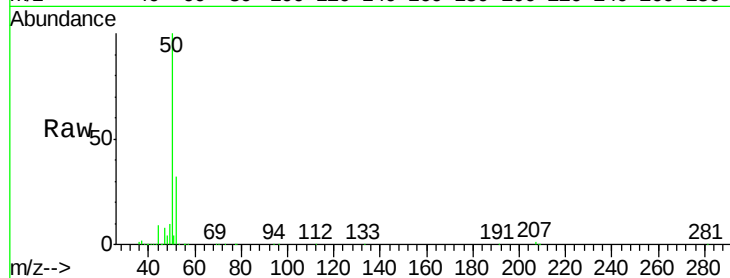
52 32.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.267 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016141.D

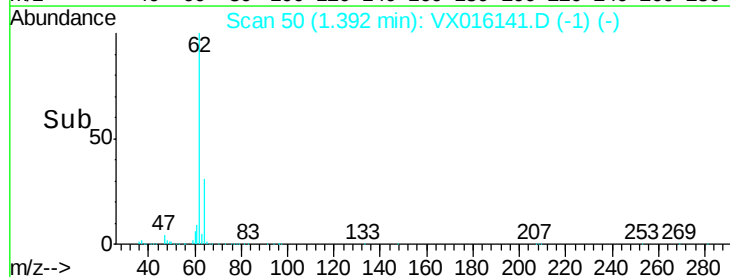
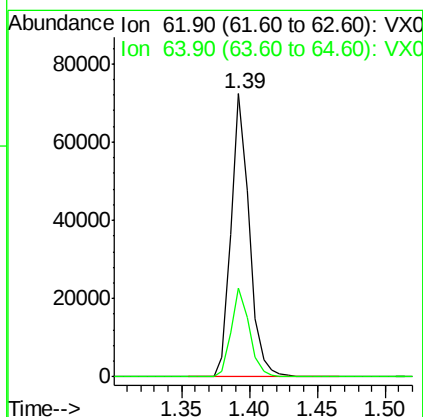
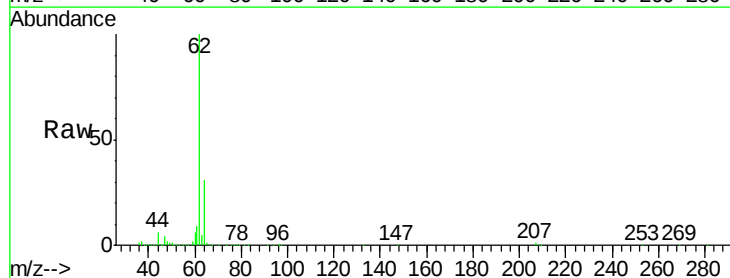
Acq: 11 May 2020 12:17

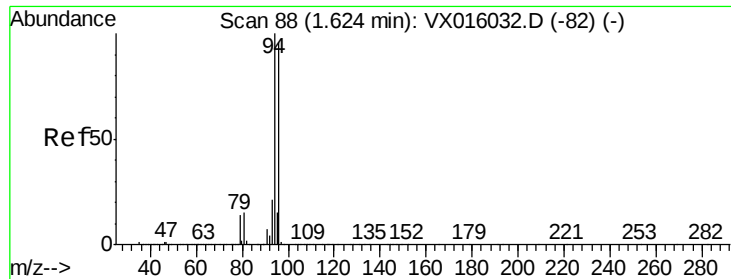
Tgt Ion: 62 Resp: 67508

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 20.157 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 94 Resp: 39730

Ion Ratio Lower Upper

94 100

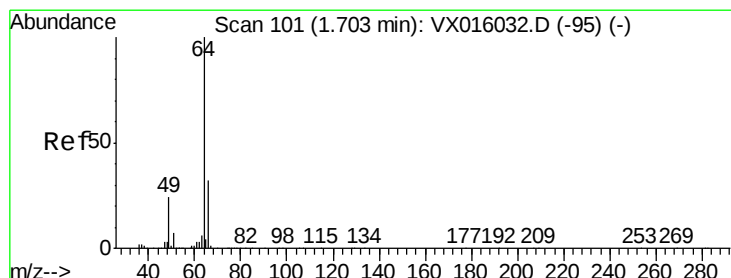
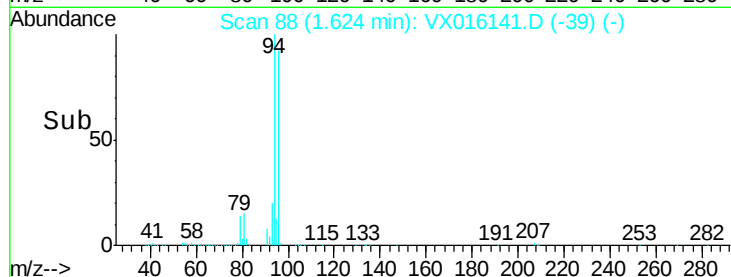
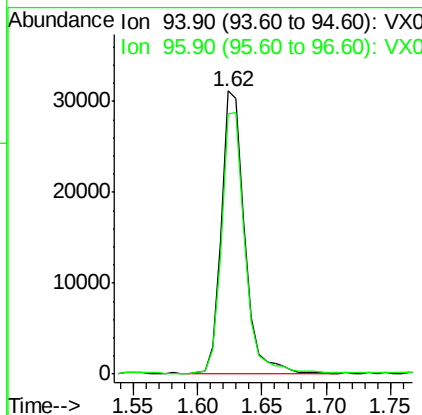
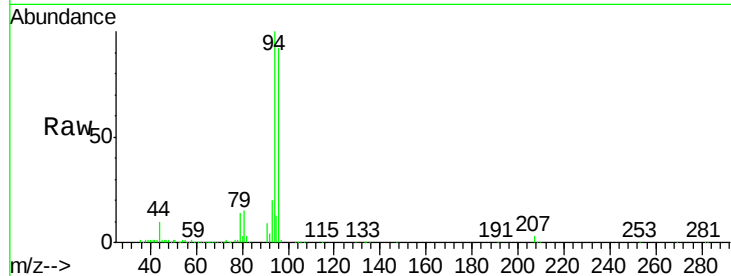
96 91.9 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 17.778 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016141.D

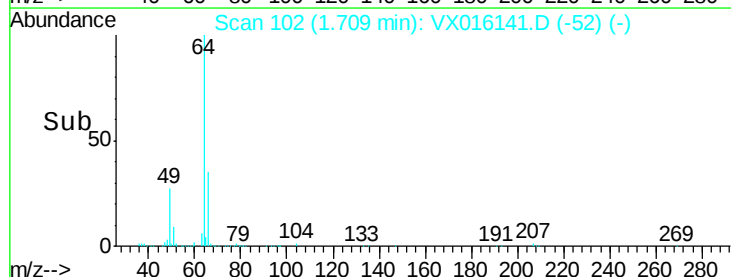
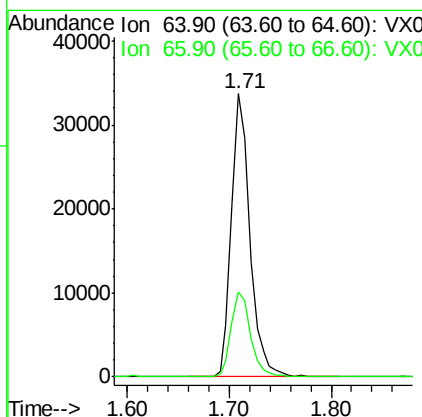
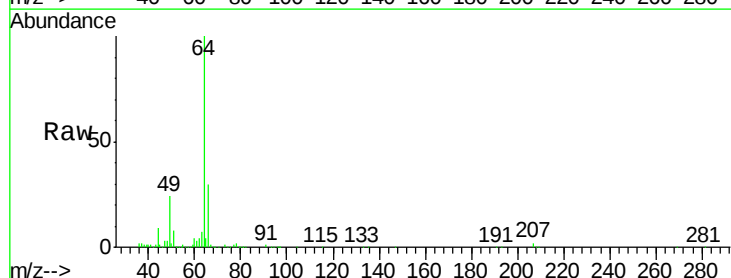
Acq: 11 May 2020 12:17

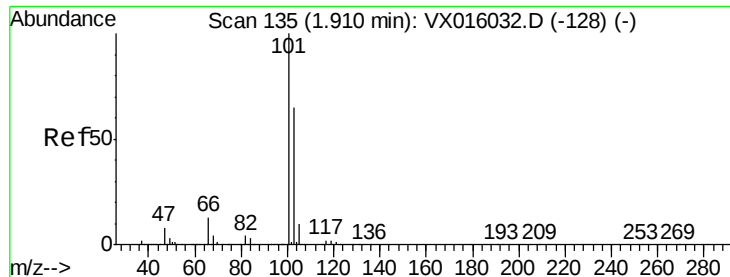
Tgt Ion: 64 Resp: 42292

Ion Ratio Lower Upper

64 100

66 30.1 25.2 37.8





#7

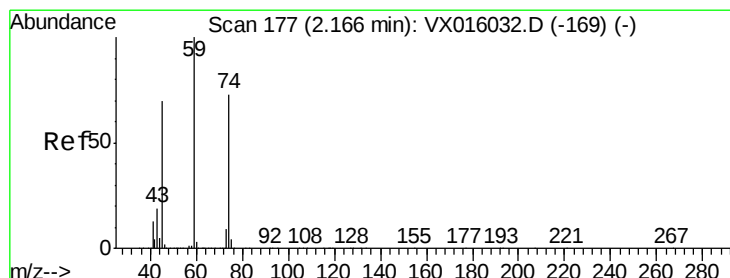
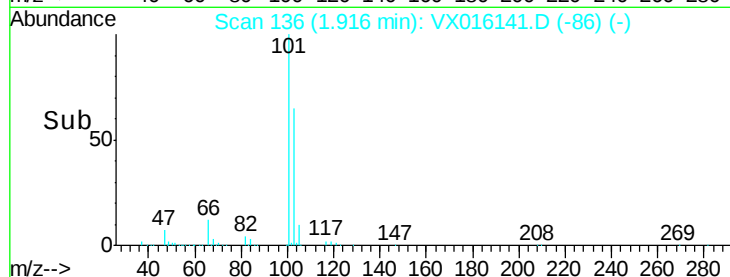
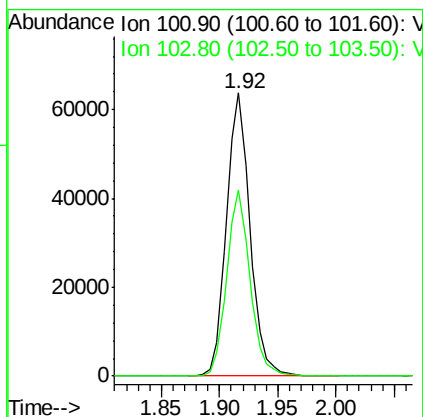
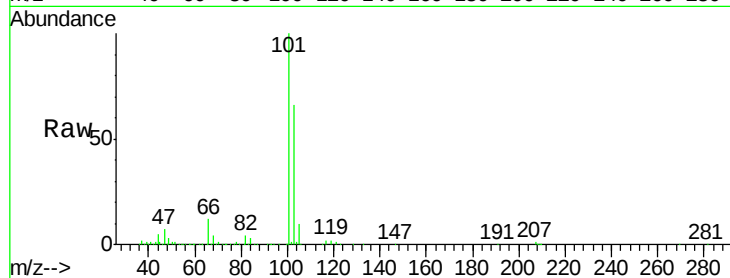
Trichlorofluoromethane  
Concen: 17.458 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.6  | 51.8  | 77.6  |

Manual Integrations  
APPROVED

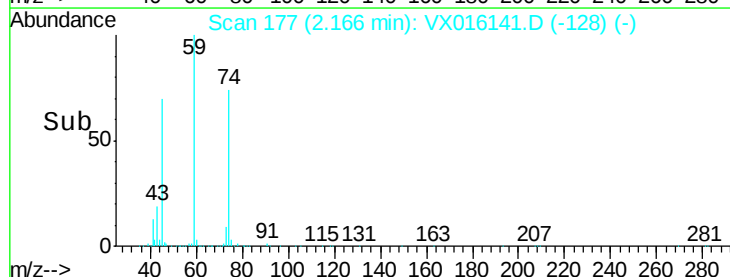
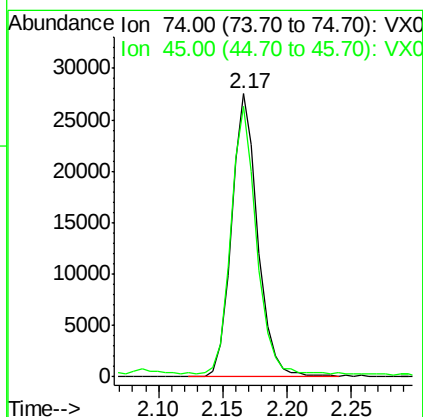
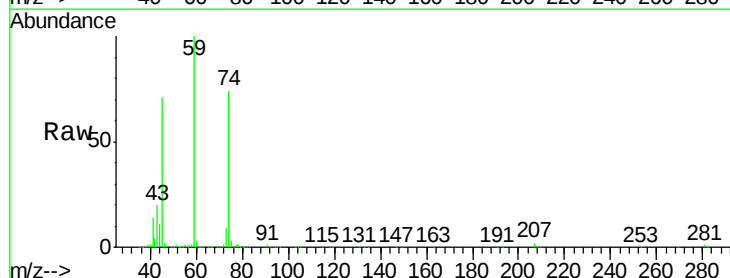
apatel  
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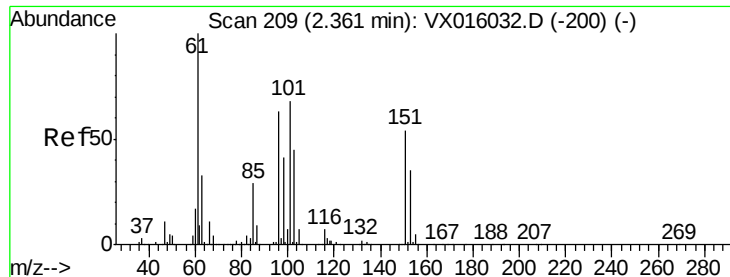


#8

Diethyl Ether  
Concen: 17.720 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.6  | 47.3  | 142.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.423 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

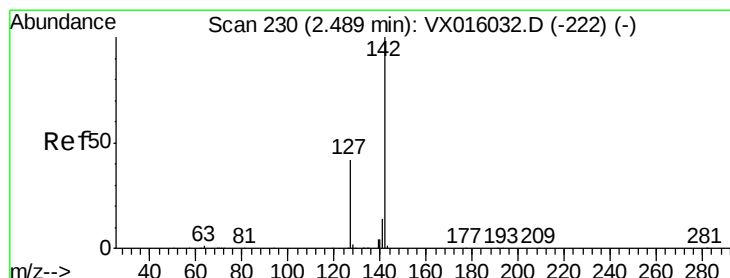
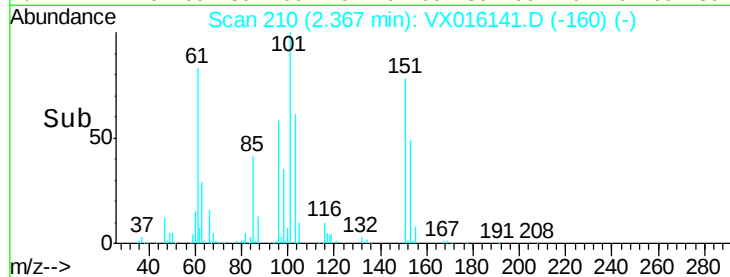
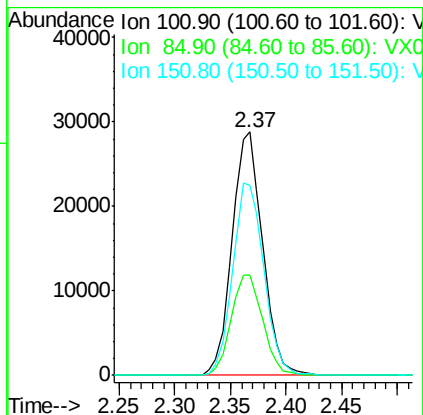
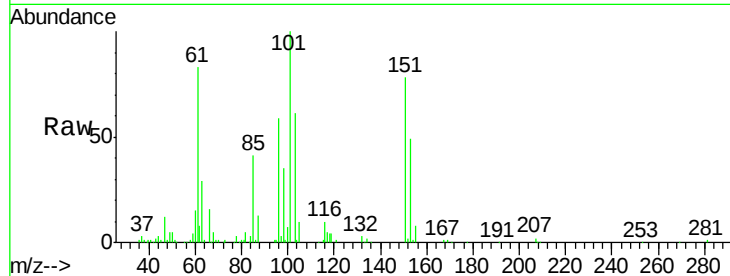
ClientSampleId :

VX0511WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 54555 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.9  | 34.2  | 51.4  |
| 151       | 80.8  | 62.1  | 93.1  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 13.500 ug/l

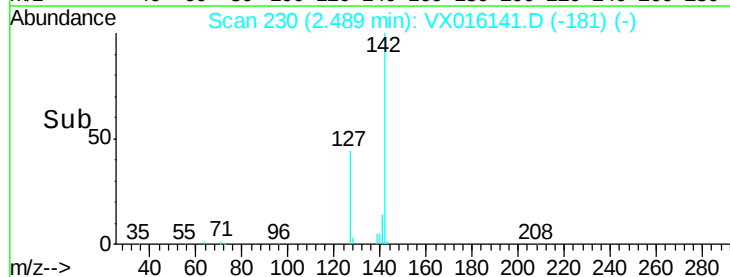
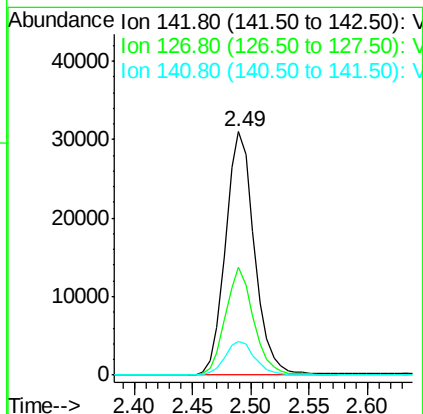
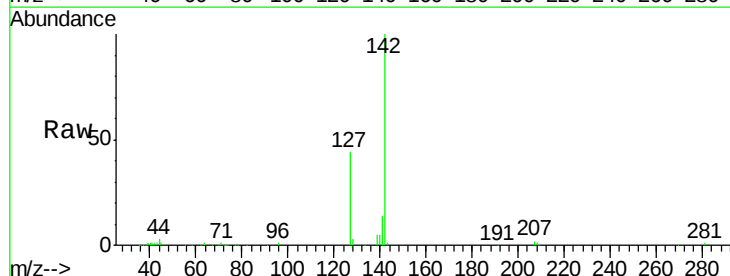
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 53700 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.2  | 34.6  | 52.0  |
| 141       | 14.4  | 11.3  | 16.9  |





#11

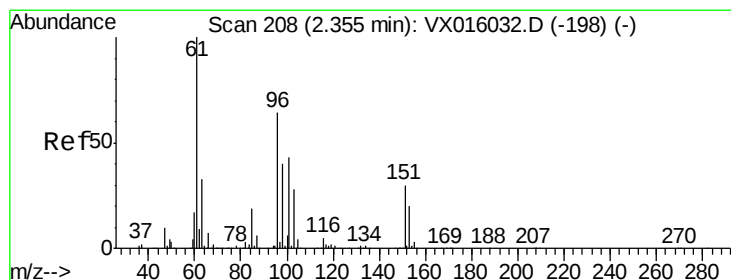
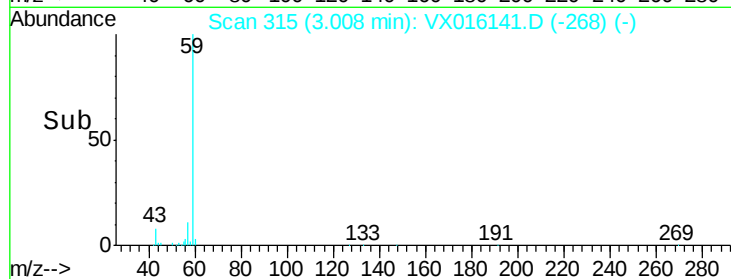
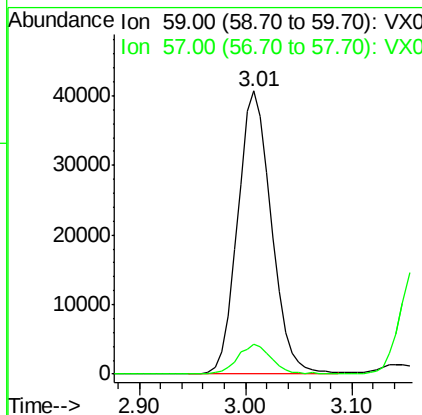
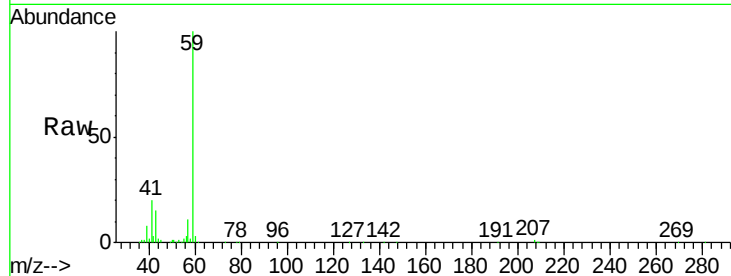
Tert butyl alcohol  
 Concen: 91.370 ug/l  
 RT: 3.01 min Scan# 315  
 Delta R.T. -0.01 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.6  | 8.2   | 12.4  |

Manual Integrations  
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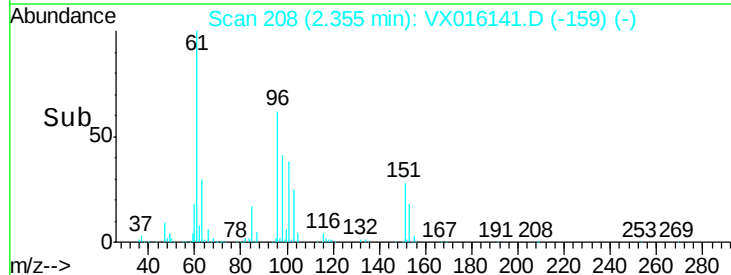
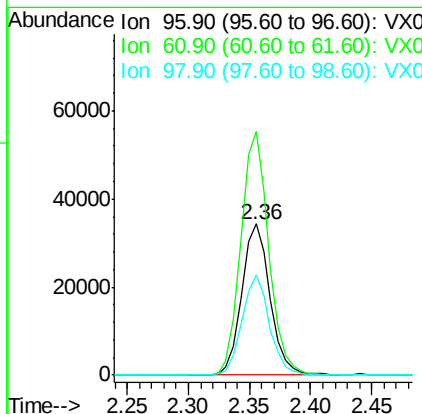
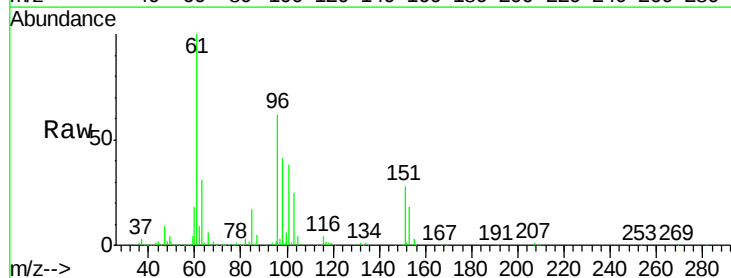
apatel  
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#12

1,1-Dichloroethene  
 Concen: 17.467 ug/l  
 RT: 2.36 min Scan# 208  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 162.0 | 124.8 | 187.2 |
| 98      | 66.8  | 49.7  | 74.5  |





#13

Acrolein

Concen: 56.438 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 56 Resp: 35034

Ion Ratio Lower Upper

56 100

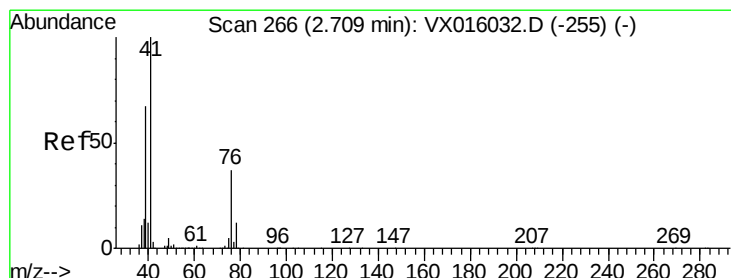
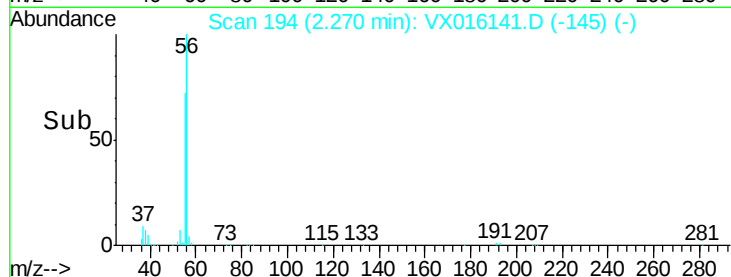
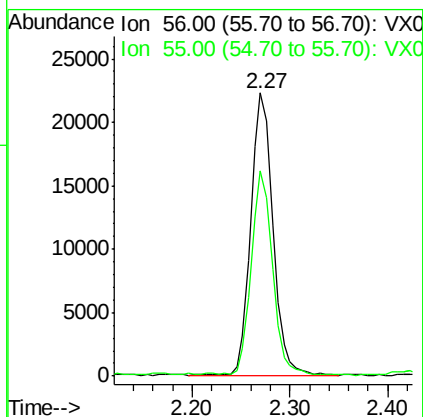
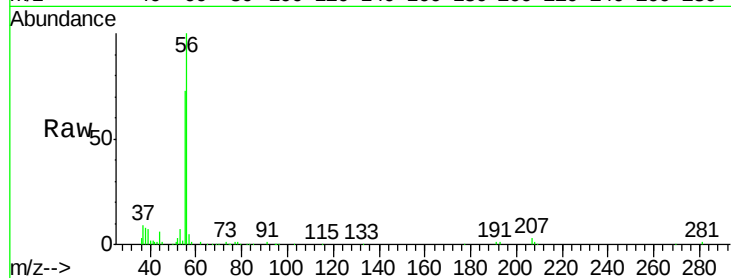
55 69.4 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 17.859 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

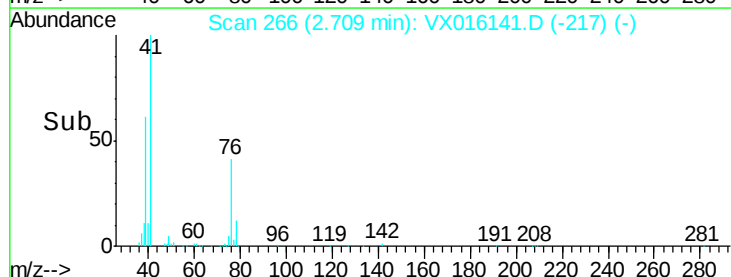
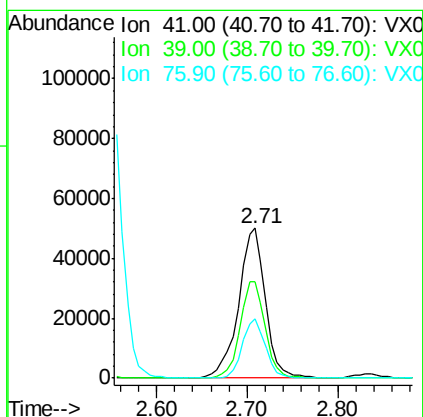
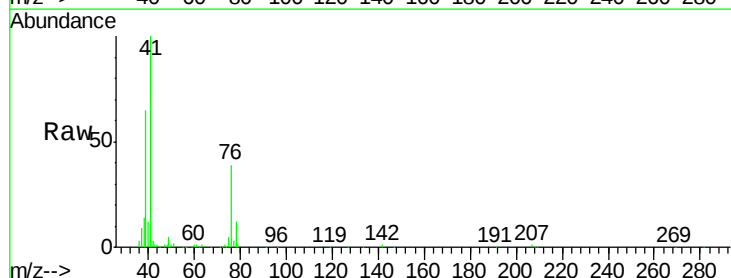
Tgt Ion: 41 Resp: 101472

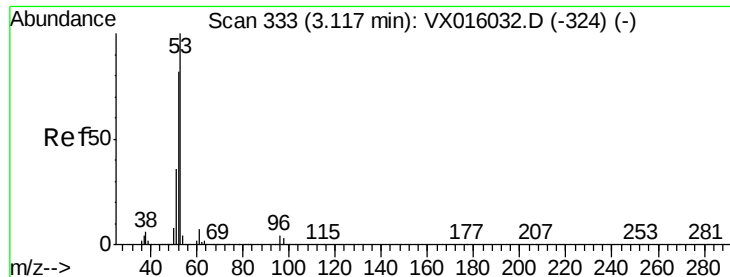
Ion Ratio Lower Upper

41 100

39 60.1 50.5 75.7

76 34.4 26.6 40.0





#15

Acrylonitrile

Concen: 92.079 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

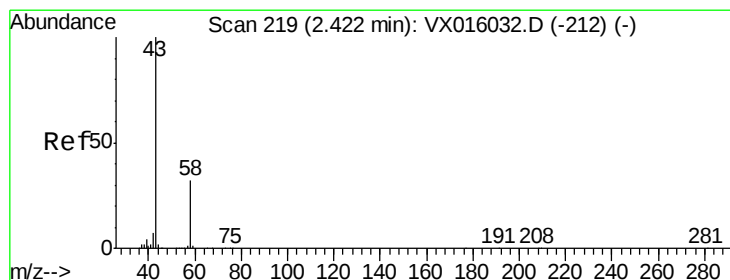
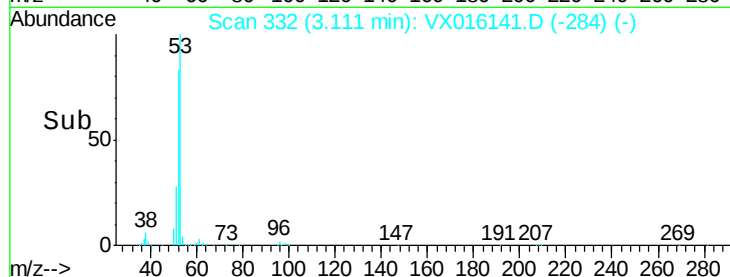
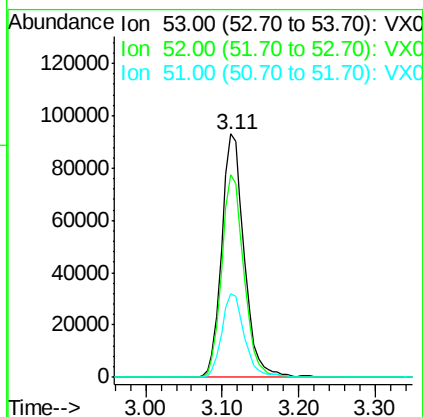
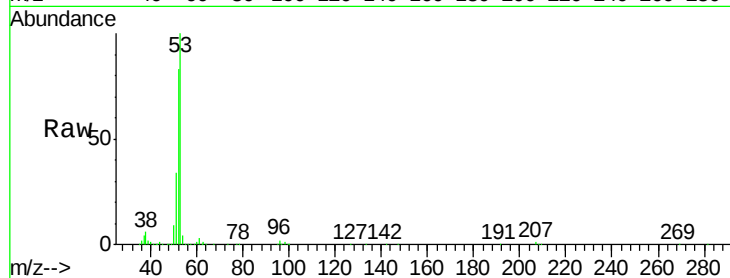
ClientSampleId :

VX0511WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 189488 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.1  | 66.1  | 99.1   |
| 51        | 35.0  | 28.8  | 43.2   |

Manual Integrations  
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#16

Acetone

Concen: 87.147 ug/l

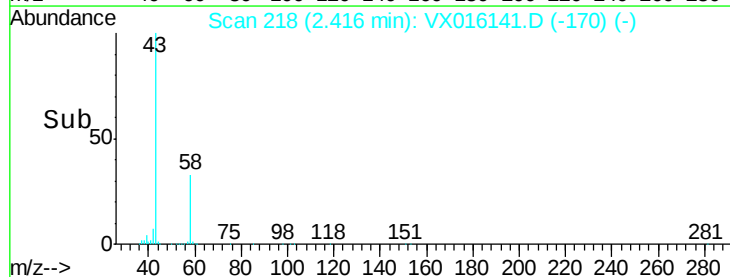
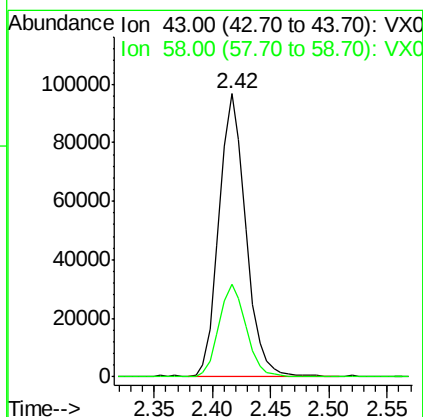
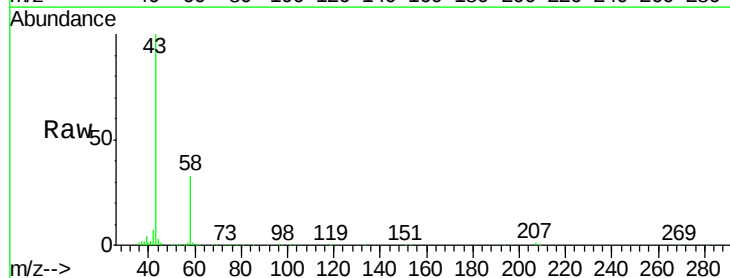
RT: 2.42 min Scan# 218

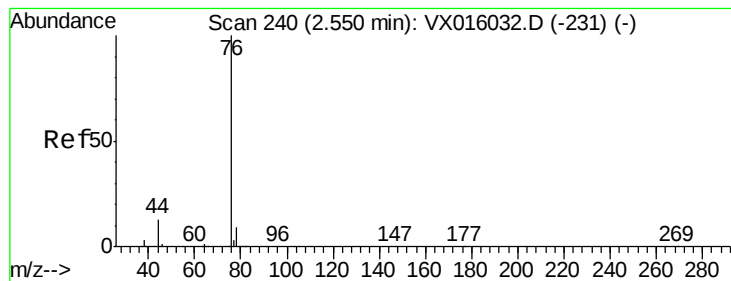
Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 152537 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 32.8  | 25.4  | 38.0   |





#17

Carbon Disulfide

Concen: 17.272 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 76 Resp: 161994

Ion Ratio Lower Upper

76 100

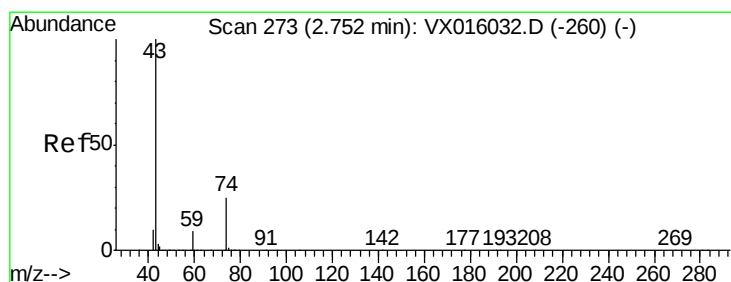
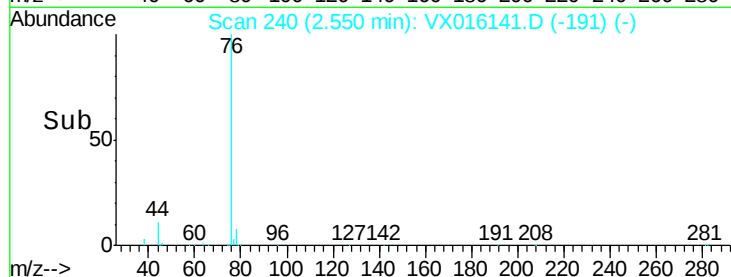
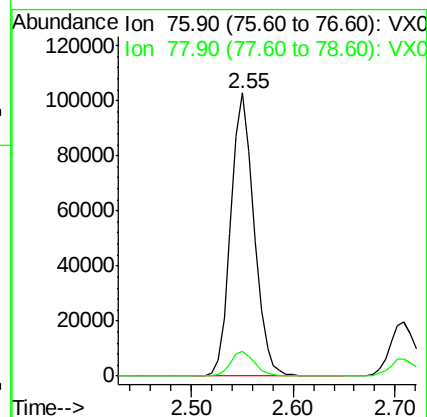
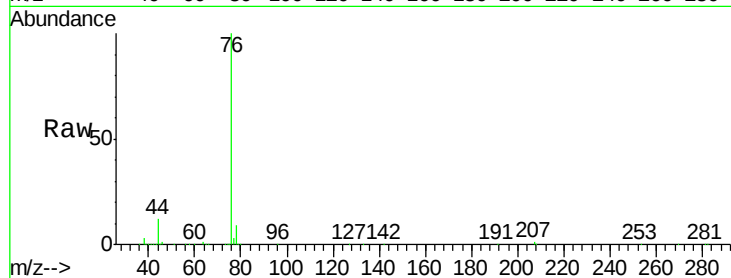
78 8.7 7.5 11.3

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#18

Methyl Acetate

Concen: 19.108 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016141.D

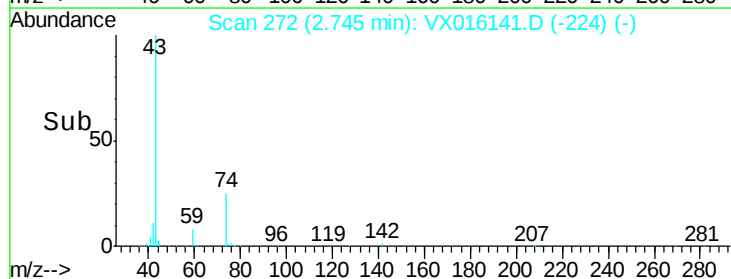
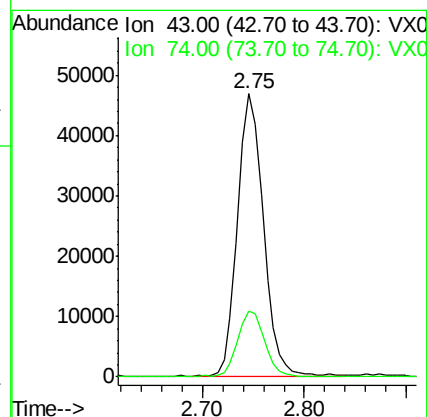
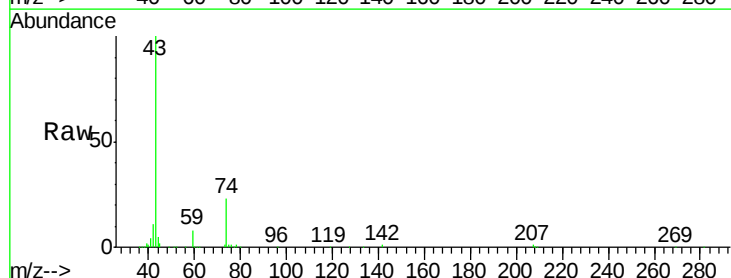
Acq: 11 May 2020 12:17

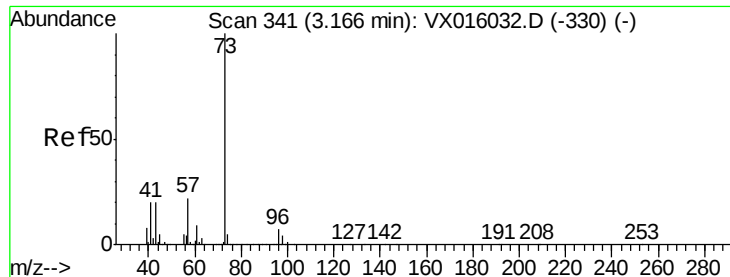
Tgt Ion: 43 Resp: 82235

Ion Ratio Lower Upper

43 100

74 24.5 20.2 30.2





#19

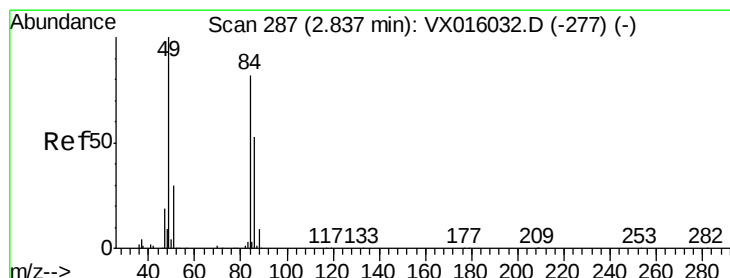
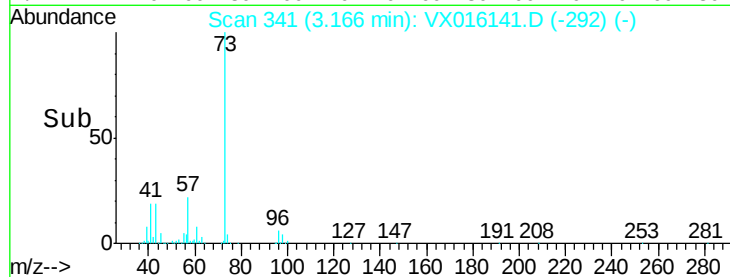
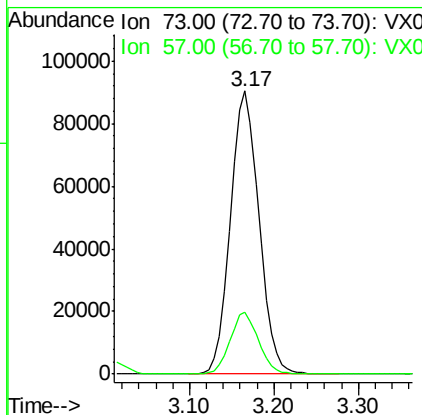
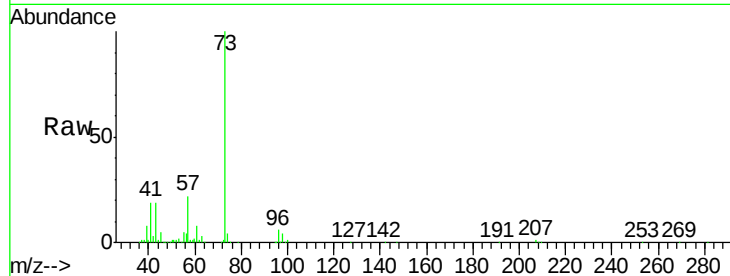
Methyl tert-butyl Ether  
 Concen: 19.403 ug/l  
 RT: 3.17 min Scan# 341  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.9  | 17.8  | 26.6  |

Manual Integrations  
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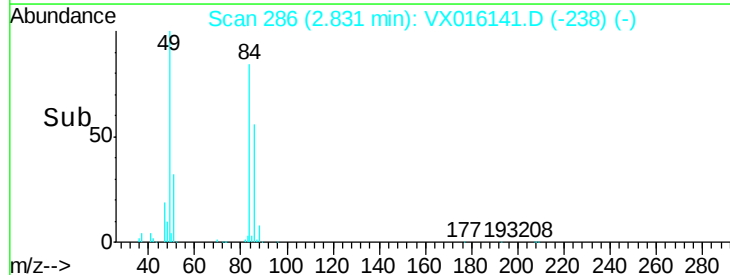
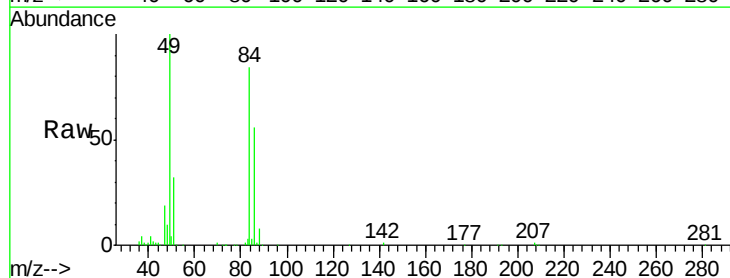
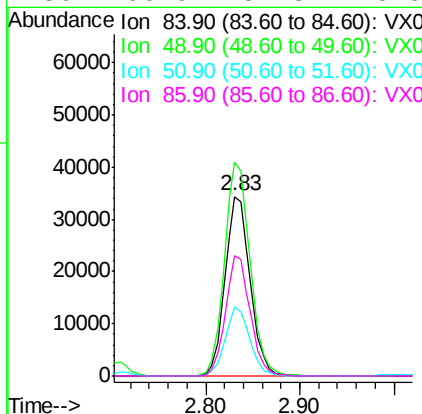
apatel  
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#20

Methylene Chloride  
 Concen: 17.584 ug/l  
 RT: 2.83 min Scan# 286  
 Delta R.T. -0.01 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 119.0 | 97.3  | 145.9 |
| 51      | 38.5  | 29.3  | 43.9  |
| 86      | 66.9  | 51.3  | 76.9  |





#21

trans-1,2-Dichloroethene

Concen: 17.464 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

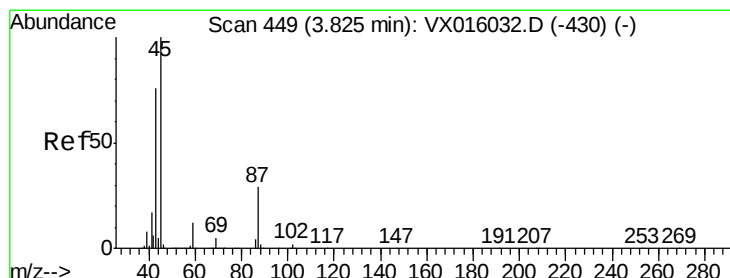
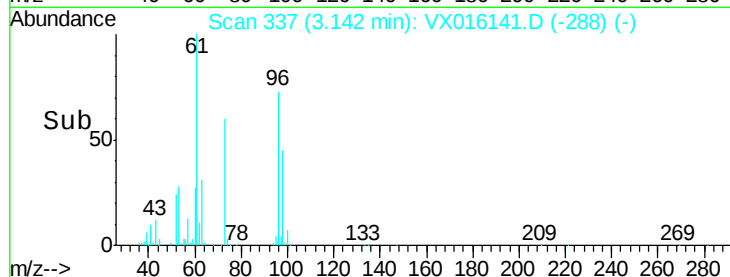
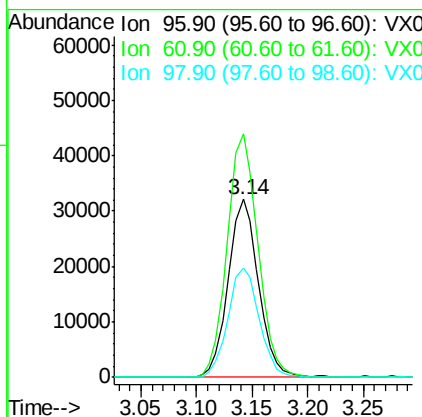
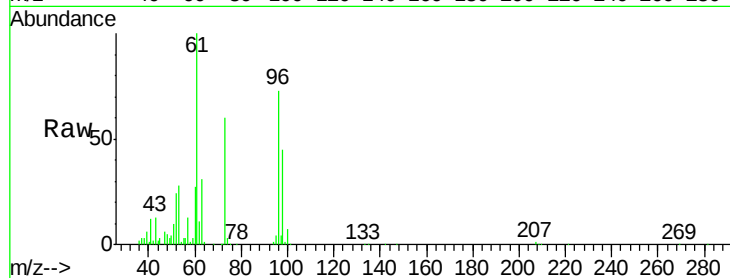
ClientSampleId :

VX0511WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 60308 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 137.1 | 111.2 | 166.8 |
| 98       | 61.7  | 50.2  | 75.4  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 18.659 ug/l

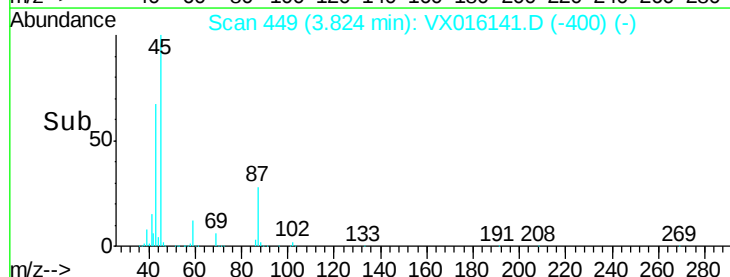
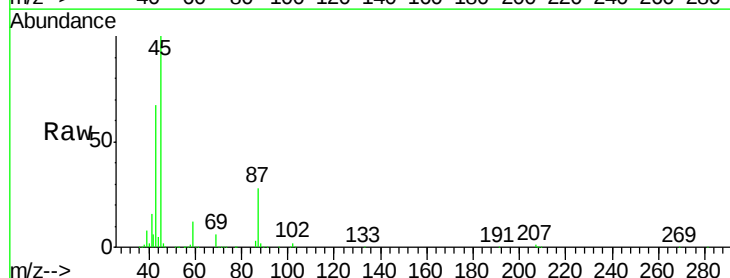
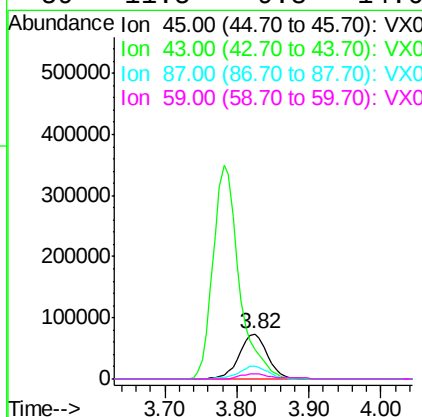
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 200011 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 66.4  | 61.1  | 91.7   |
| 87       | 28.2  | 23.0  | 34.6   |
| 59       | 11.5  | 9.8   | 14.6   |





#23

Vinyl Acetate

Concen: 93.559 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 43 Resp: 882338

Ion Ratio Lower Upper

43 100

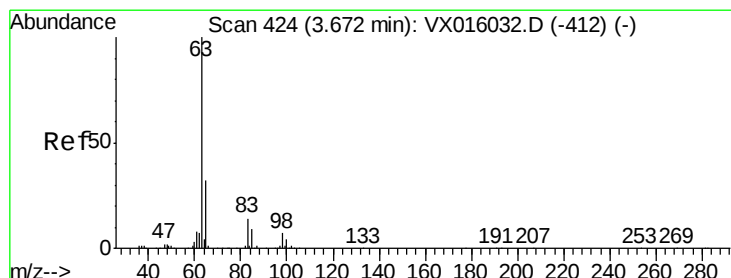
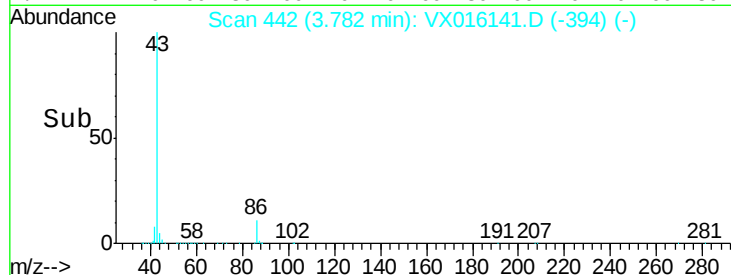
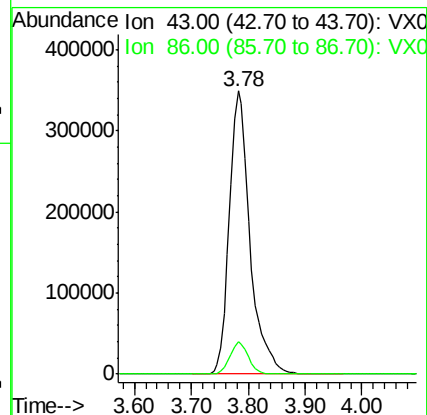
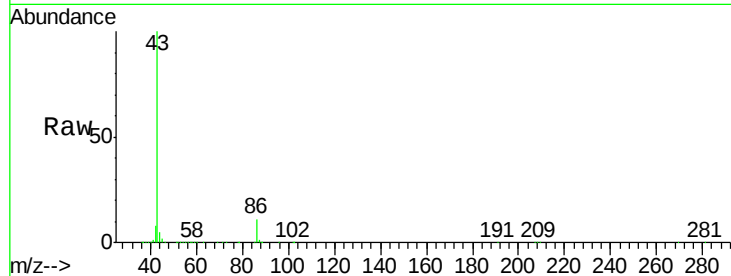
86 11.3 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.552 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

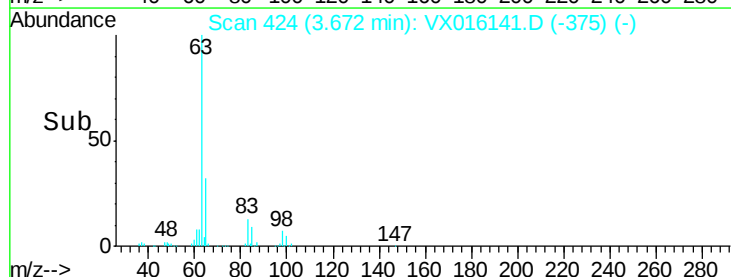
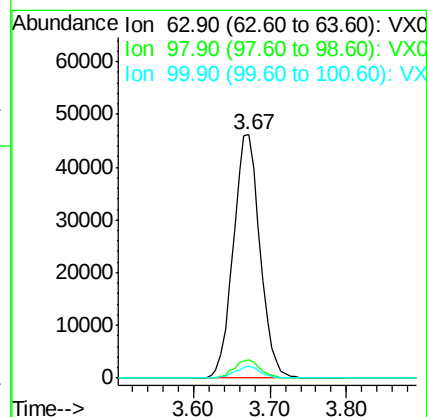
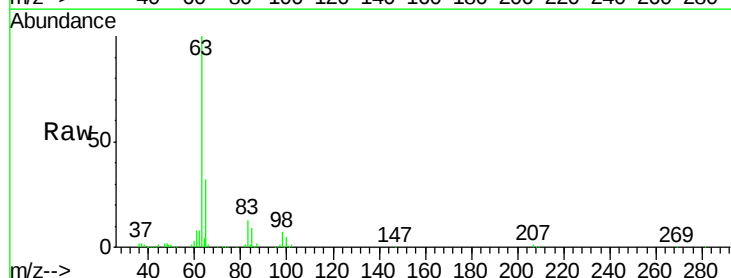
Tgt Ion: 63 Resp: 111247

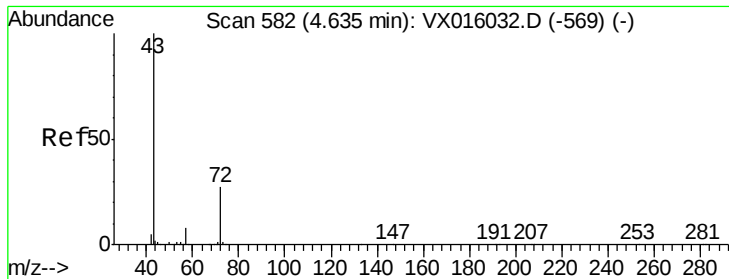
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 92.289 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 43 Resp: 260302

Ion Ratio Lower Upper

43 100

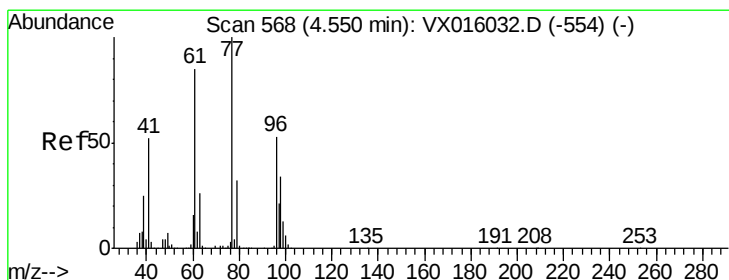
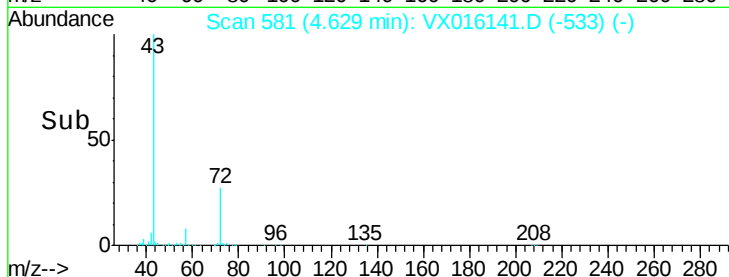
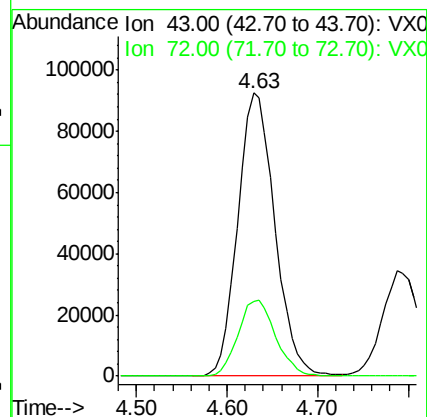
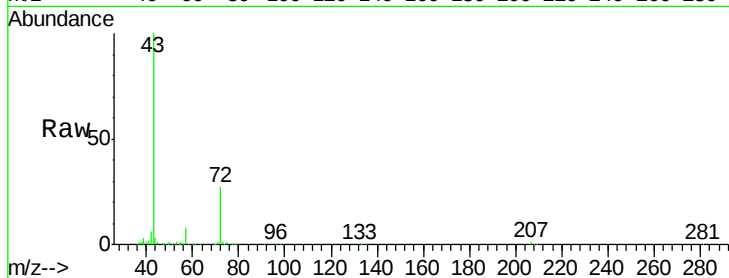
72 26.5 21.8 32.8

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#26

2,2-Dichloropropane

Concen: 18.091 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016141.D

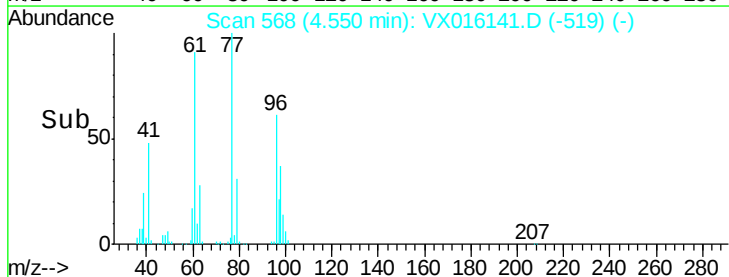
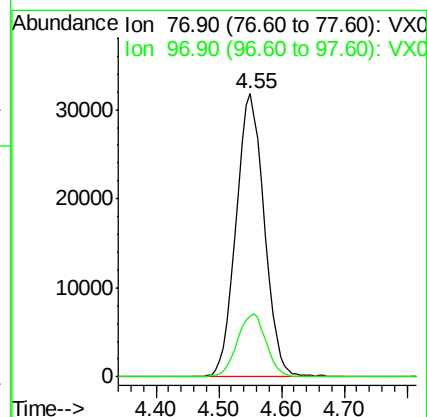
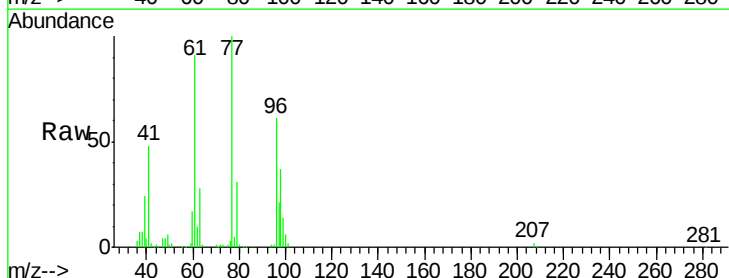
Acq: 11 May 2020 12:17

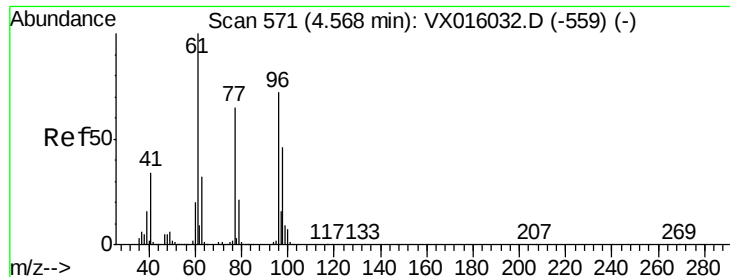
Tgt Ion: 77 Resp: 99073

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

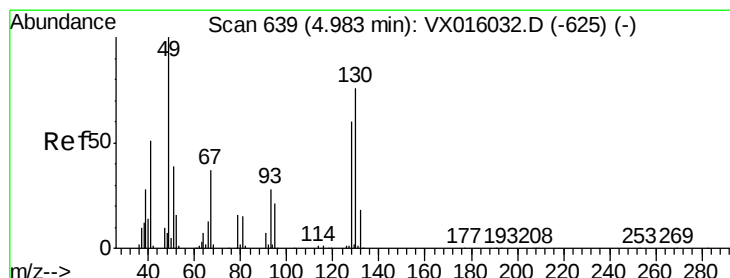
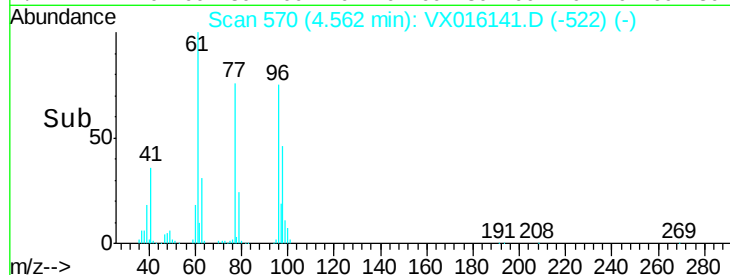
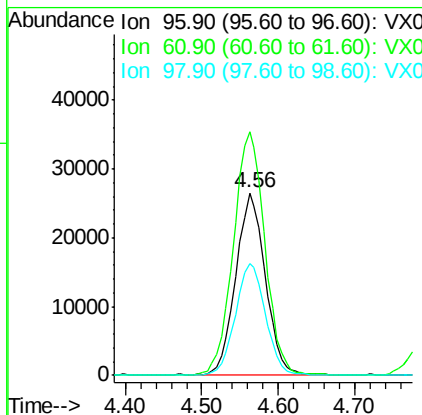
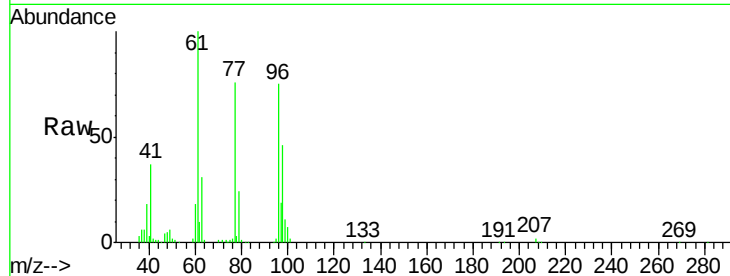
cis-1,2-Dichloroethene  
Concen: 18.670 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.0 | 0.0   | 296.2 |
| 98      | 63.0  | 0.0   | 129.4 |

Manual Integrations  
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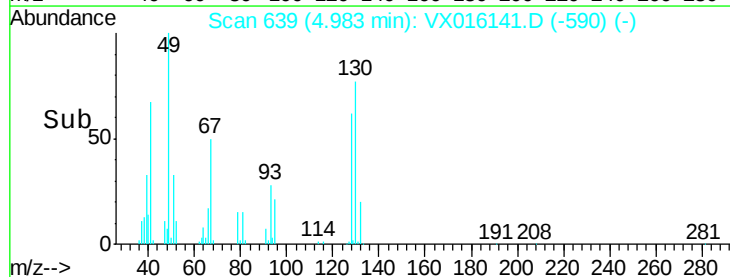
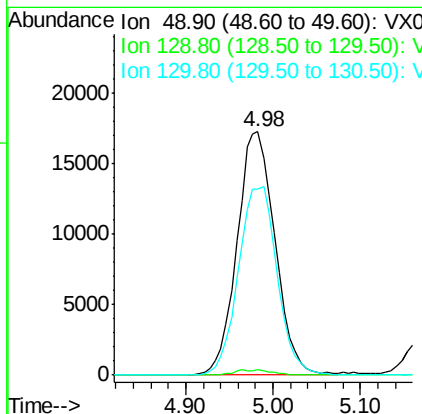
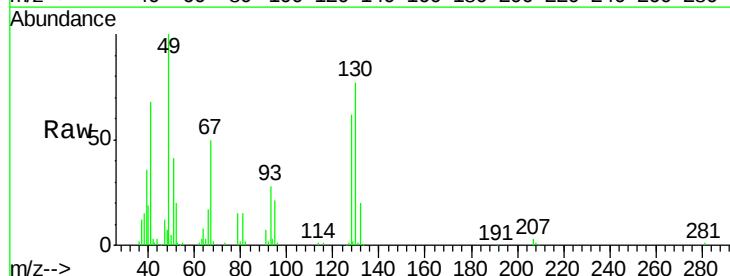
apatel  
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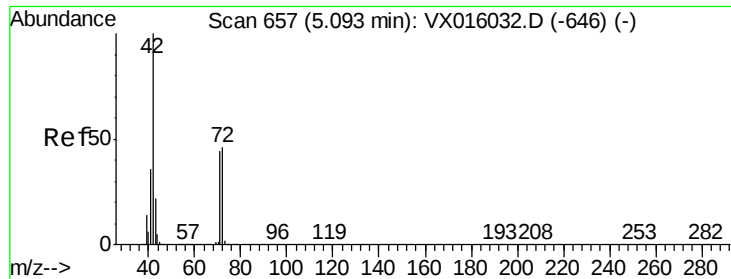


#28

Bromochloromethane  
Concen: 19.089 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.0   |
| 130     | 79.0  | 62.4  | 93.6  |





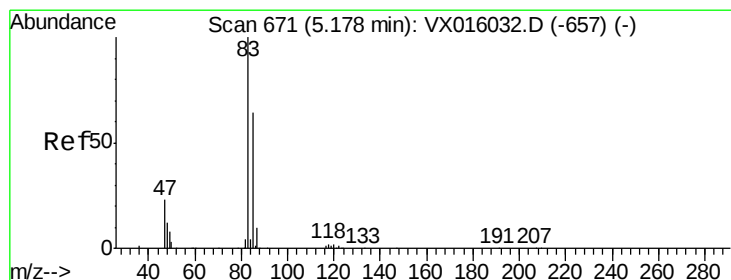
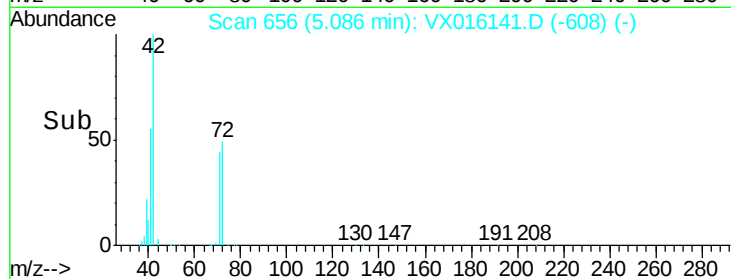
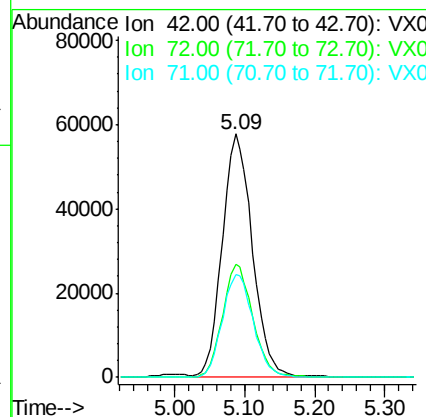
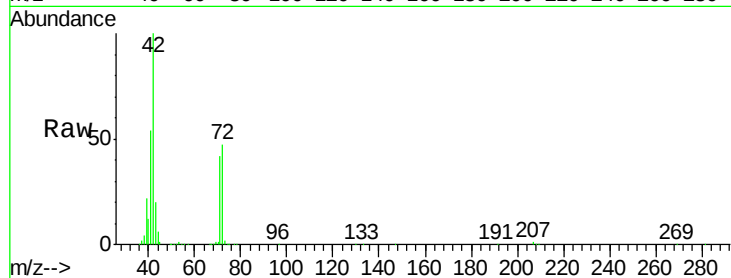
#29  
Tetrahydrofuran  
Concen: 92.308 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.8  | 37.1  | 55.7  |
| 71      | 43.6  | 34.5  | 51.7  |

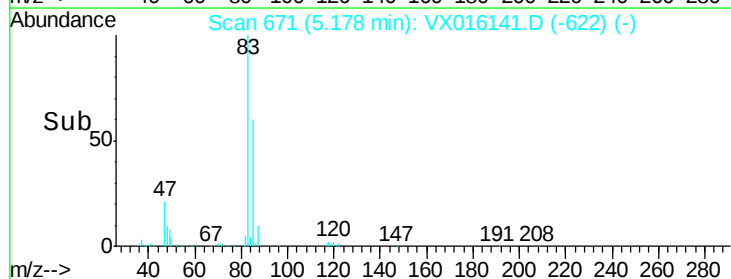
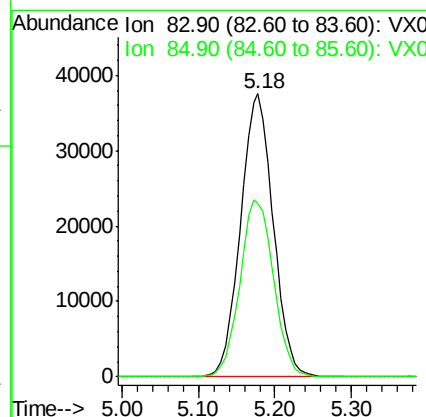
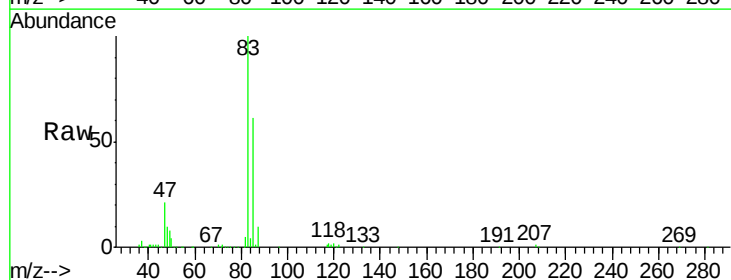
Manual Integrations  
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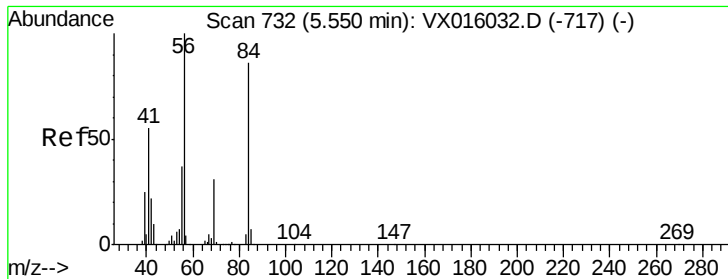
apatel  
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#30  
Chloroform  
Concen: 18.589 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.4  | 51.6  | 77.4  |





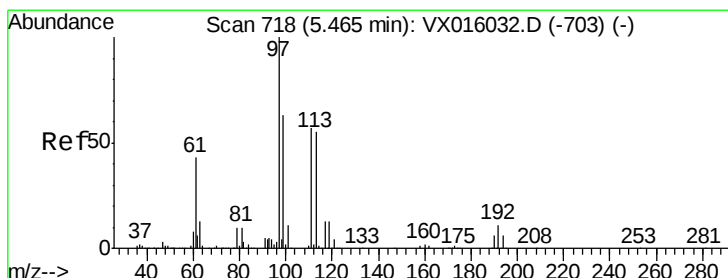
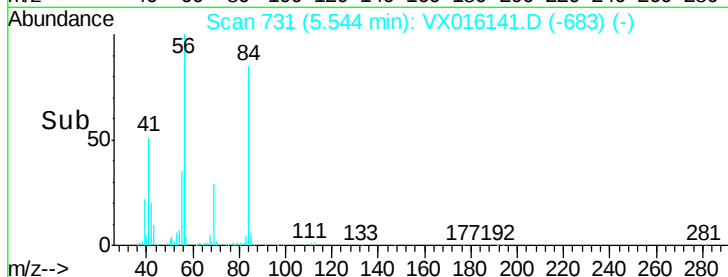
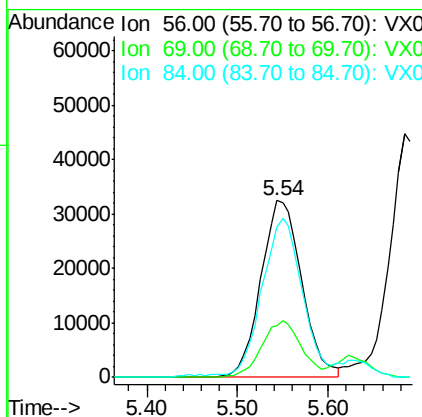
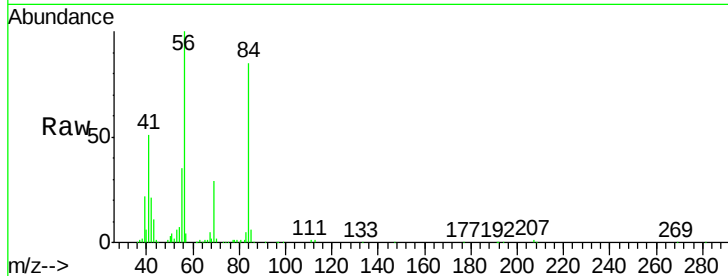
#31  
Cyclohexane  
Concen: 18.558 ug/l  
RT: 5.54 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.5  | 25.0  | 37.6  |
| 84      | 83.4  | 69.0  | 103.6 |

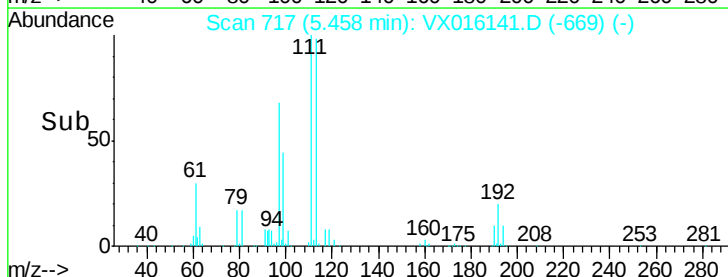
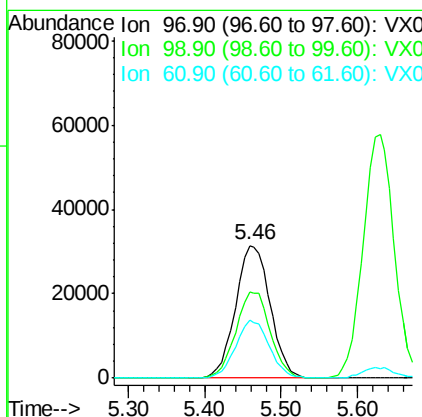
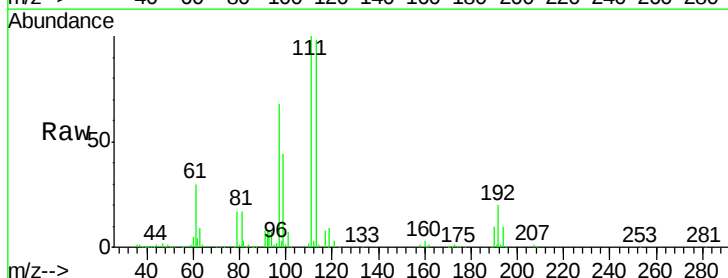
Manual Integrations  
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#32  
1,1,1-Trichloroethane  
Concen: 18.199 ug/l  
RT: 5.46 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.7  | 51.0  | 76.4  |
| 61      | 42.6  | 34.5  | 51.7  |





#33

1,2-Dichloroethane-d4

Concen: 44.927 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 65 Resp: 176242

Ion Ratio Lower Upper

65 100

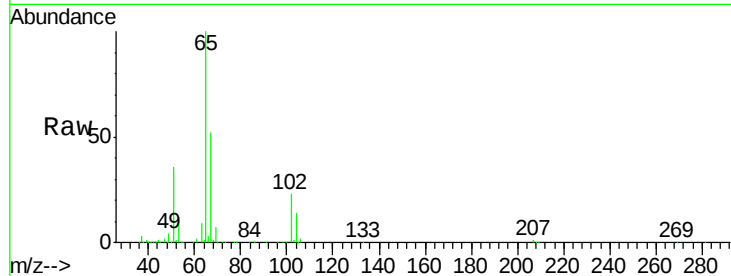
67 53.6 0.0 104.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

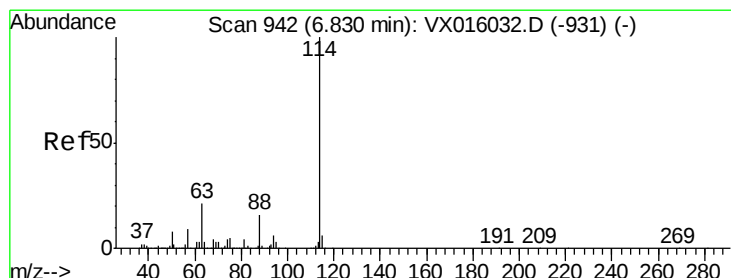
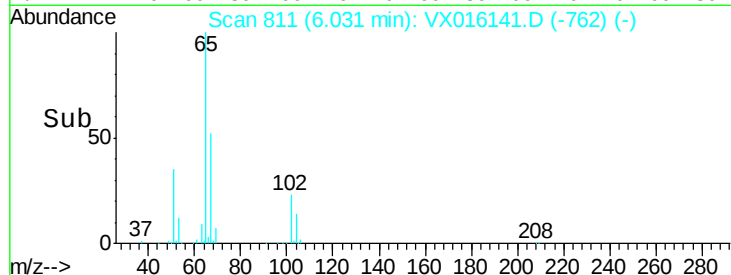
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

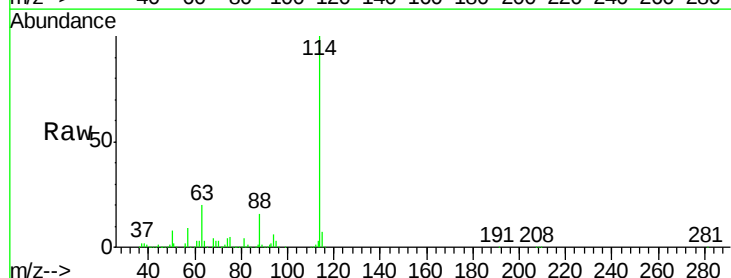
Tgt Ion: 114 Resp: 464694

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

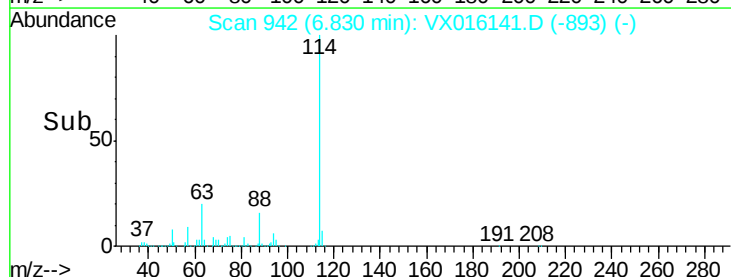
100000

50000

0

Time-->

6.70 6.80 6.90





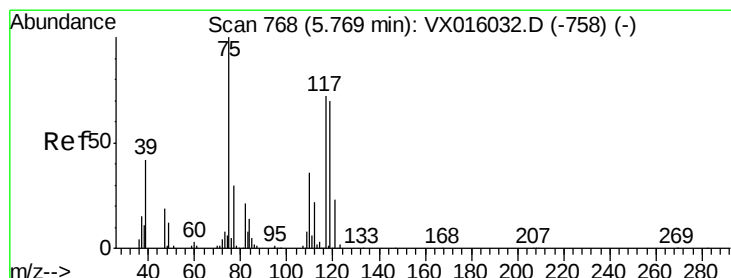
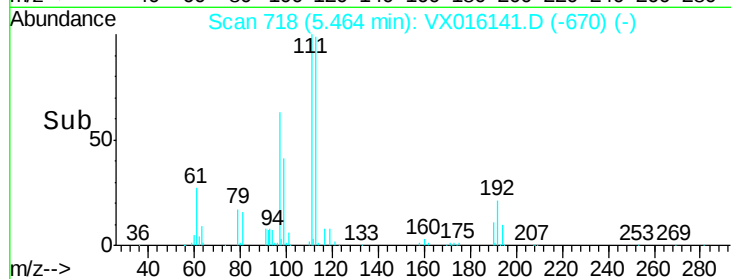
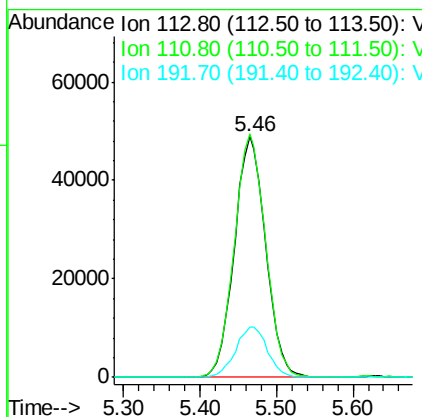
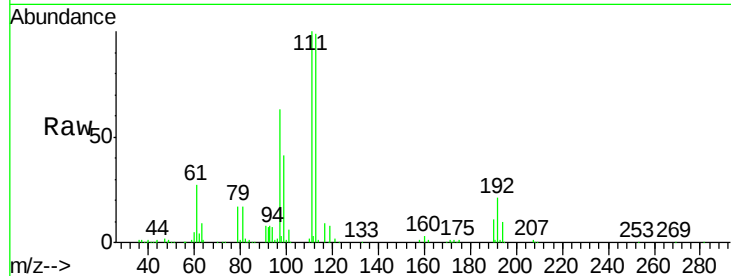
#35  
 Dibromofluoromethane  
 Concen: 47.021 ug/l  
 RT: 5.46 min Scan# 718  
 Delta R.T. -0.01 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 101.2 | 81.6 | 122.4 |       |
| 192     | 21.4  | 17.0 | 25.4  |       |

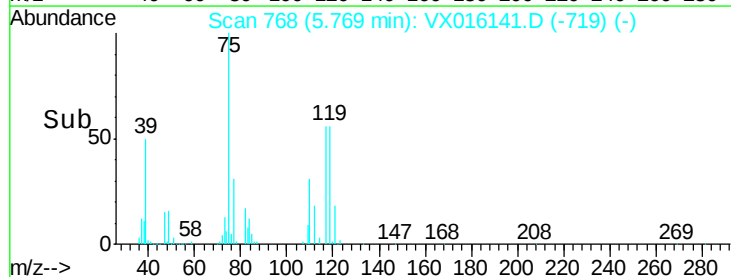
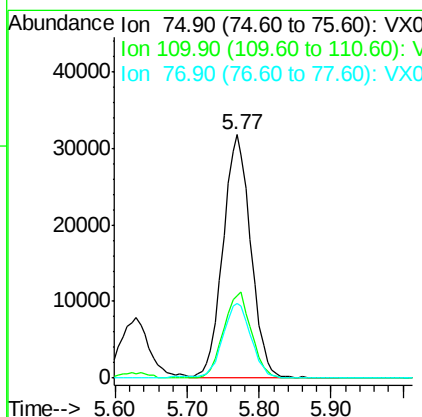
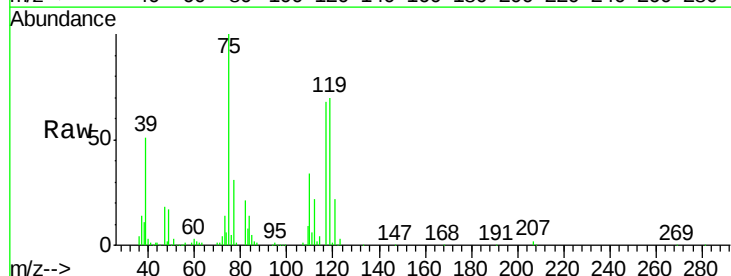
Manual Integrations  
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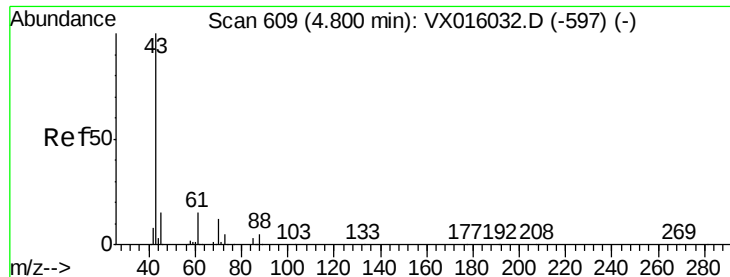
apatel  
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#36  
 1,1-Dichloropropene  
 Concen: 18.668 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 34.9  | 18.1 | 54.1  |       |
| 77      | 30.6  | 25.0 | 37.6  |       |





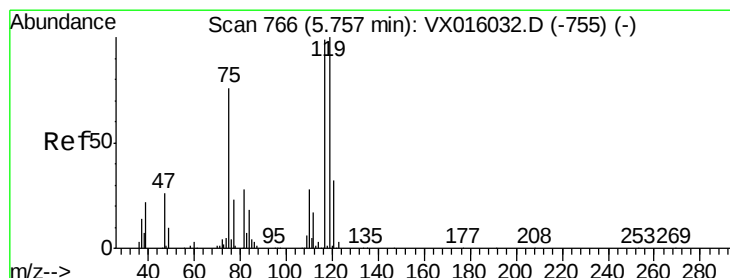
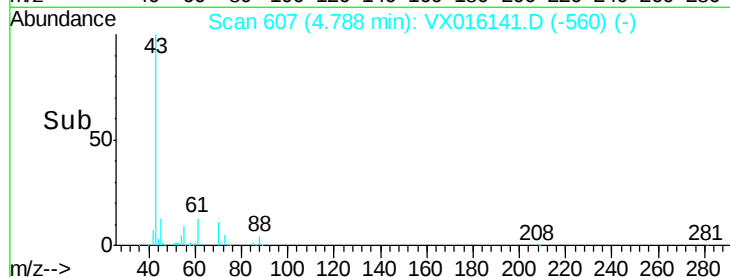
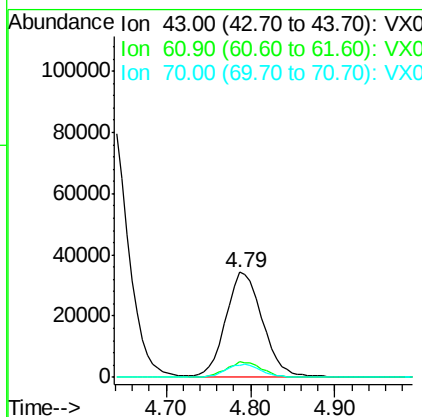
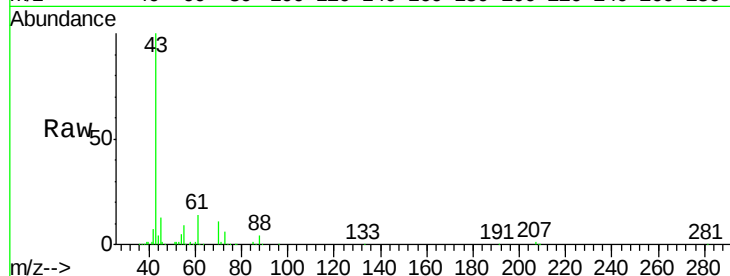
#37  
Ethyl Acetate  
Concen: 18.951 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.9  | 11.7  | 17.5  |
| 70      | 12.1  | 9.3   | 13.9  |

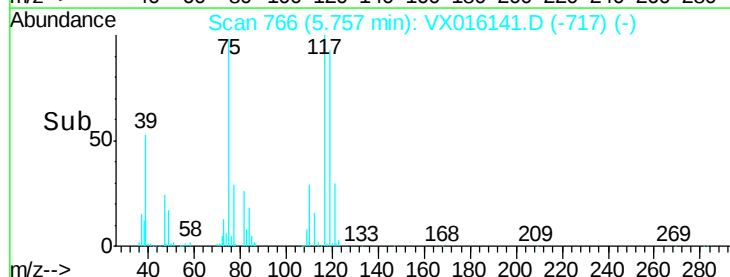
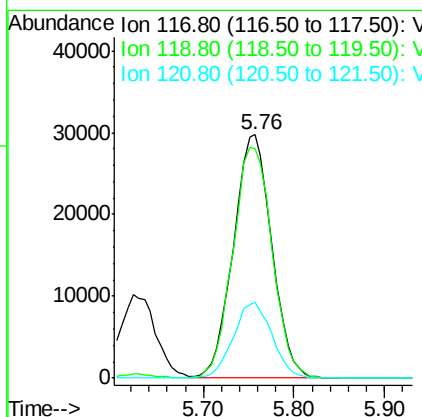
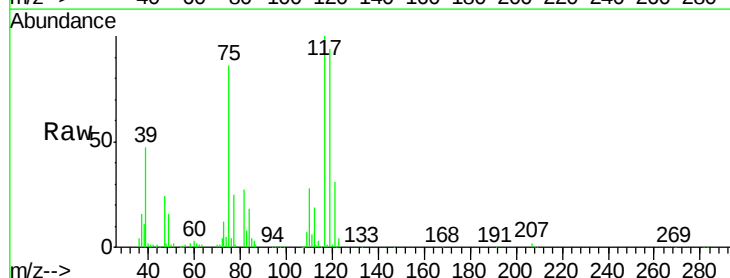
Manual Integrations  
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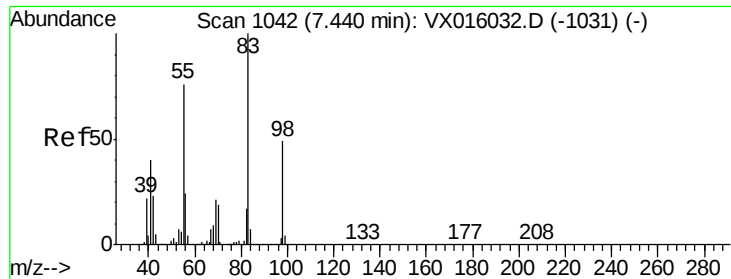
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#38  
Carbon Tetrachloride  
Concen: 18.766 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.3  | 80.3  | 120.5 |
| 121     | 31.0  | 25.7  | 38.5  |





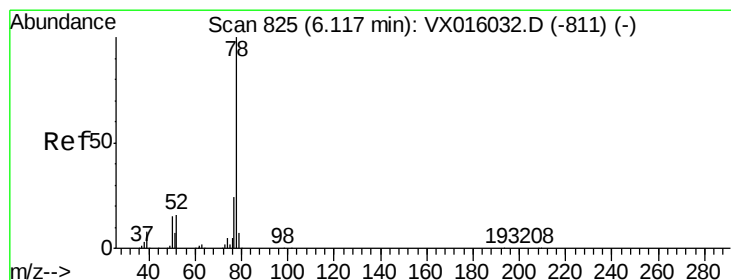
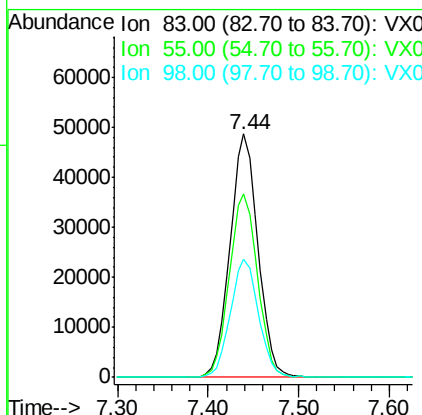
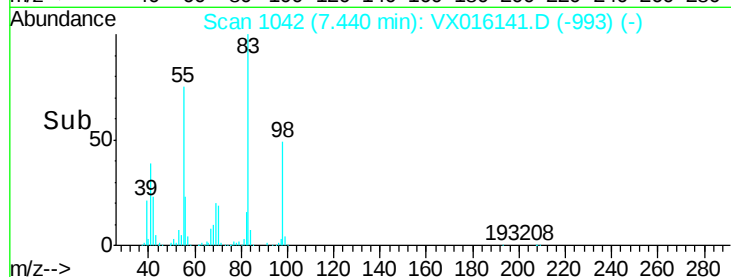
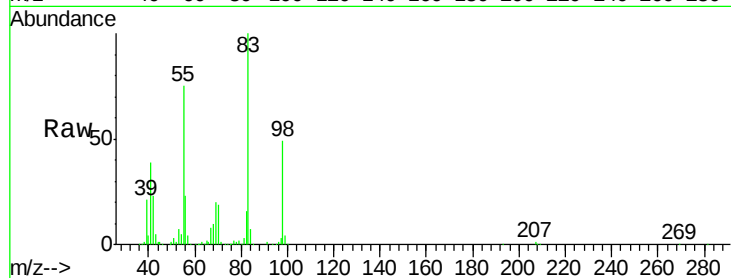
#39  
Methvlcvclohexane  
Concen: 18.865 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.5  | 61.1  | 91.7  |
| 98      | 48.7  | 39.0  | 58.4  |

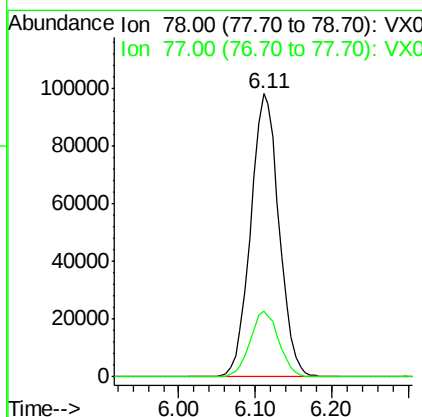
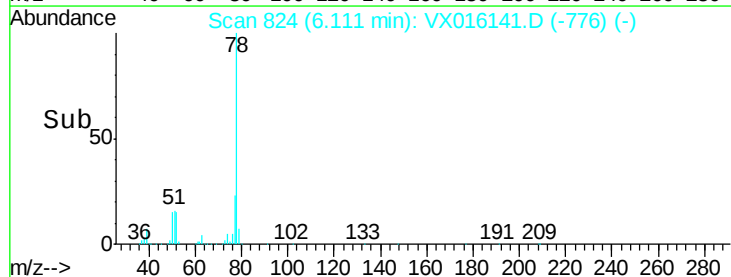
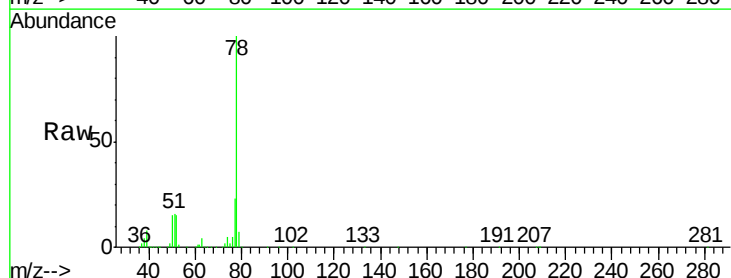
Manual Integrations  
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#40  
Benzene  
Concen: 18.933 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.1  | 19.0  | 28.4  |





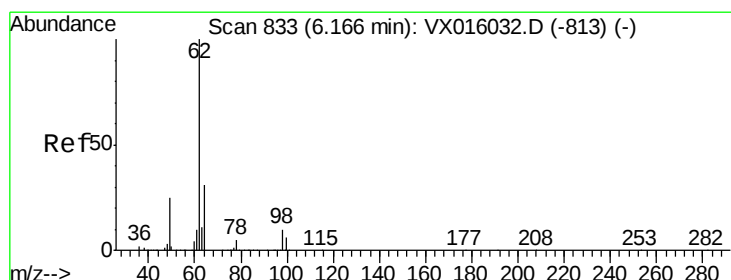
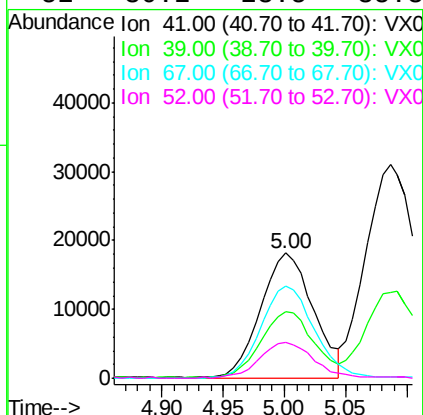
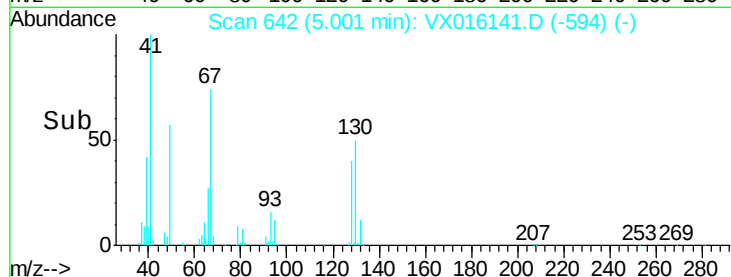
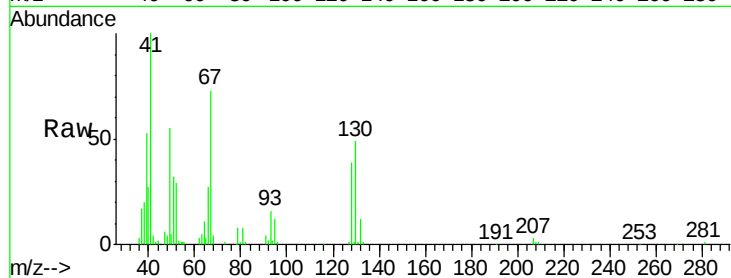
#41  
Methacrylonitrile  
Concen: 18.910 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 54144 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.0  | 43.2  | 64.8  |
| 67       | 75.9  | 59.3  | 88.9  |
| 52       | 30.2  | 23.5  | 35.3  |

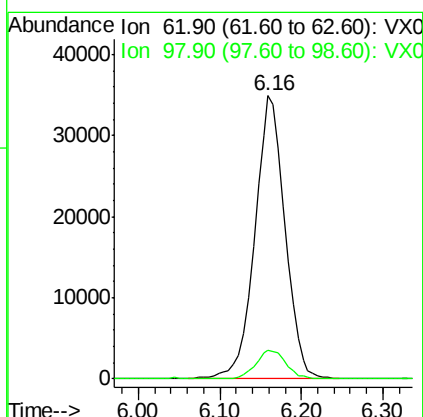
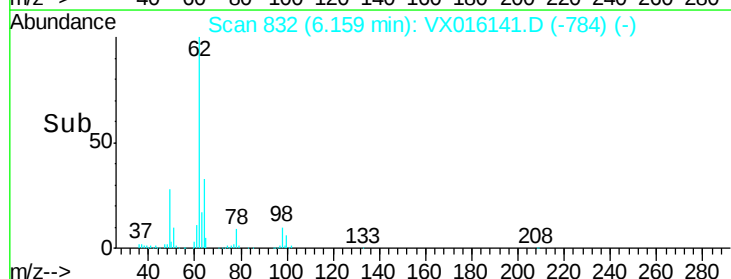
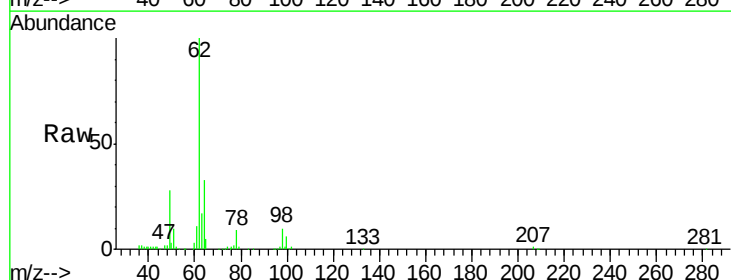
Manual Integrations  
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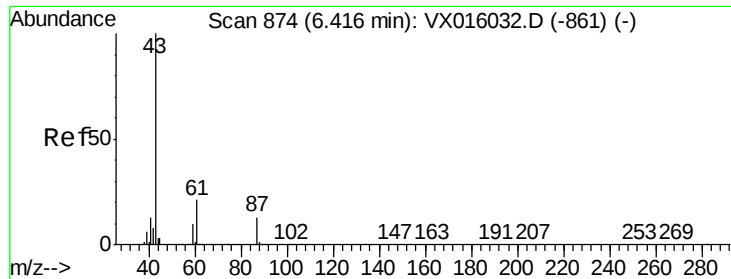
apatel  
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#42  
1,2-Dichloroethane  
Concen: 18.697 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 90145 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.0  | 0.0   | 19.4  |





#43

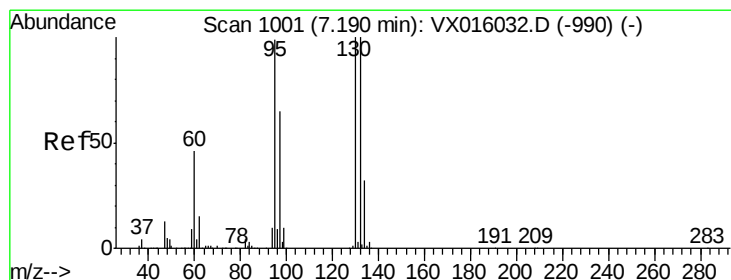
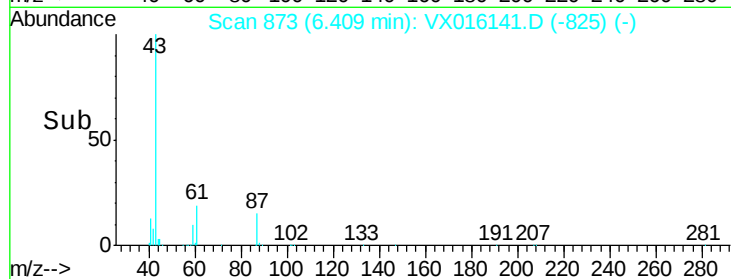
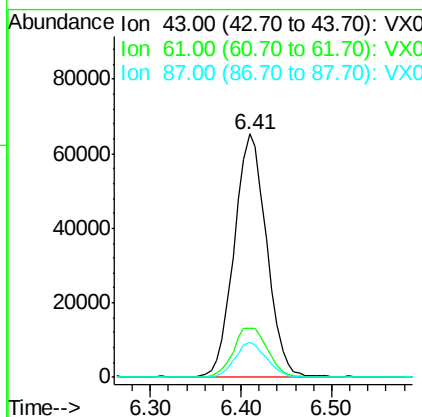
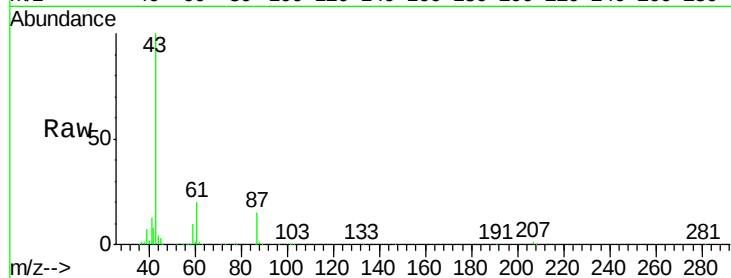
Isopropyl Acetate  
 Concen: 19.102 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.6  | 17.0  | 25.4  |
| 87      | 14.2  | 11.0  | 16.6  |

Manual Integrations  
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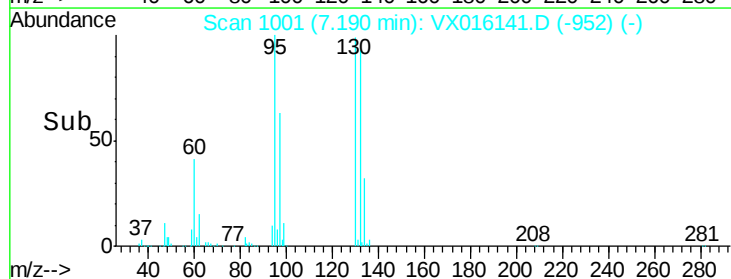
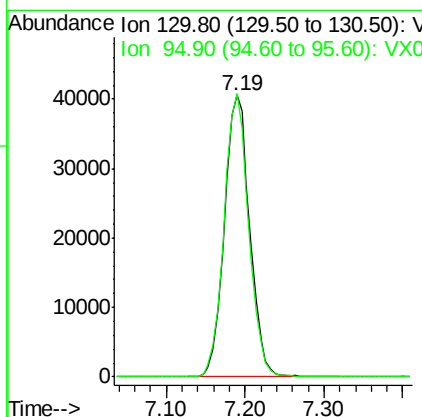
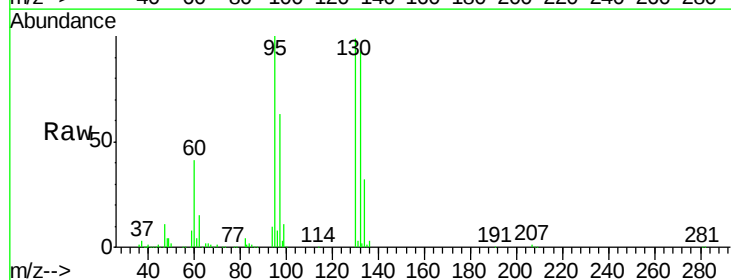
apatel  
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#44

Trichloroethene  
 Concen: 19.001 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.6 | 0.0   | 197.4 |





#45

1,2-Dichloropropane

Concen: 19.557 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 63 Resp: 66233

Ion Ratio Lower Upper

63 100

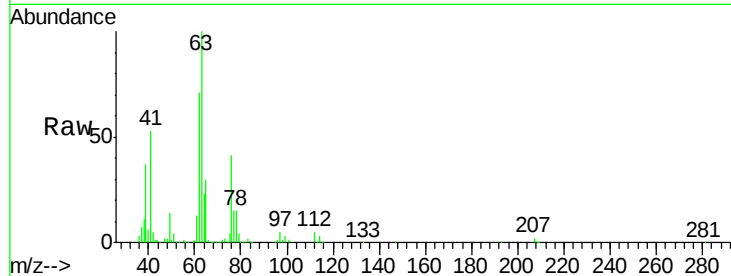
65 29.8 24.4 36.6

Manual Integrations

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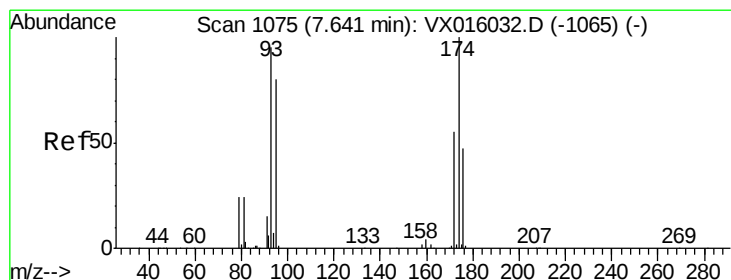
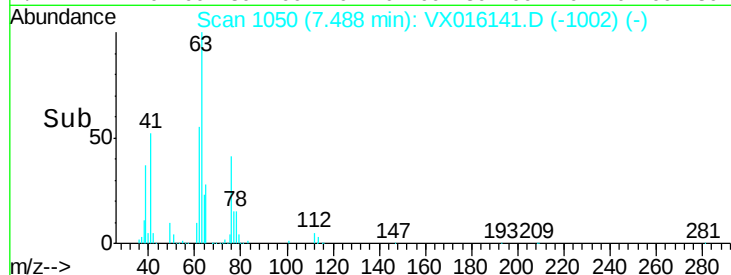
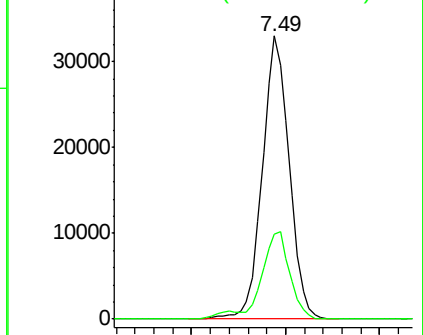
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.296 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

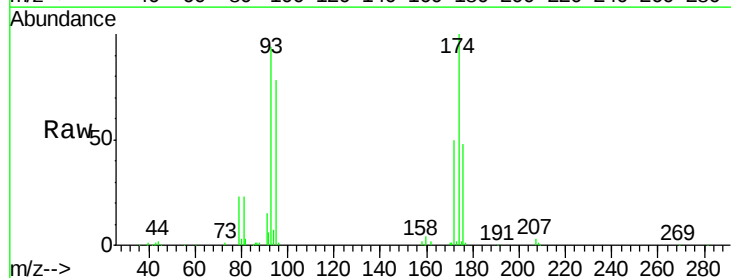
Tgt Ion: 93 Resp: 44408

Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

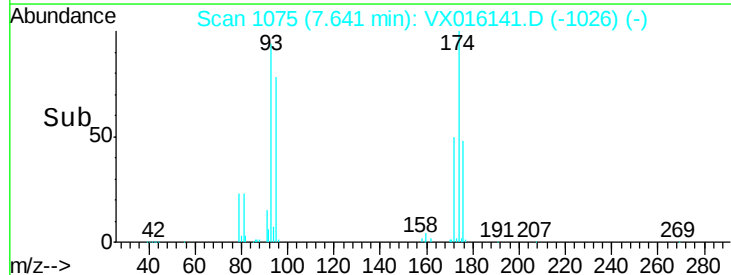
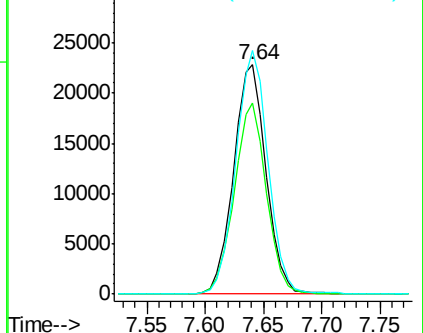
174 105.3 84.2 126.4

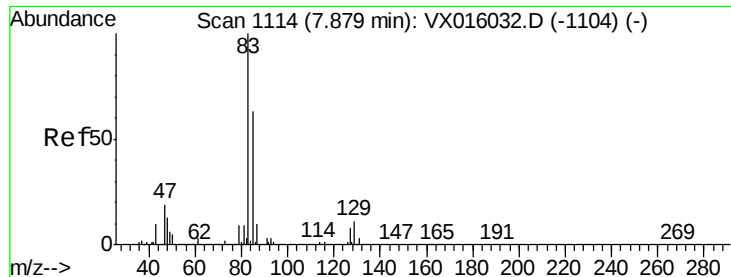


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.341 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

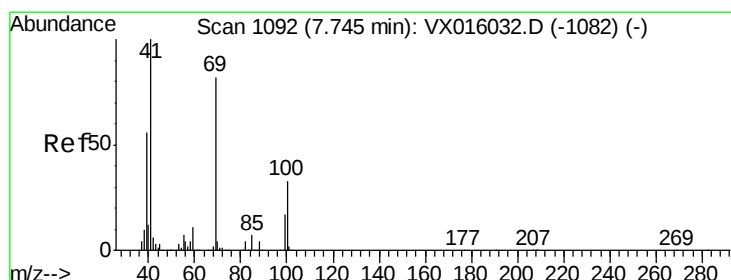
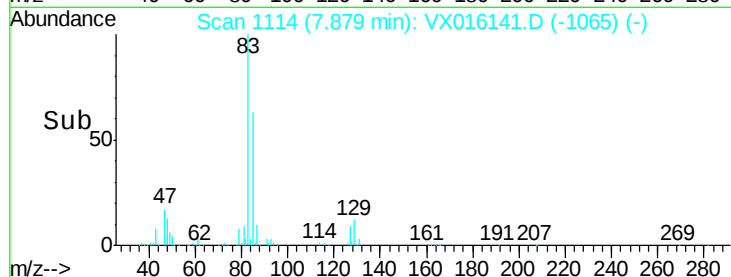
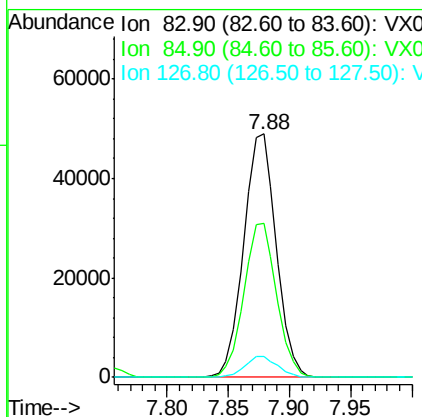
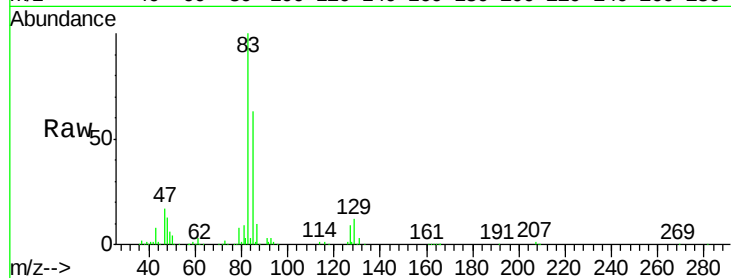
ClientSampleId :

VX0511WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 90654 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.3  | 50.5  | 75.7  |
| 127       | 8.8   | 6.7   | 10.1  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 18.616 ug/l

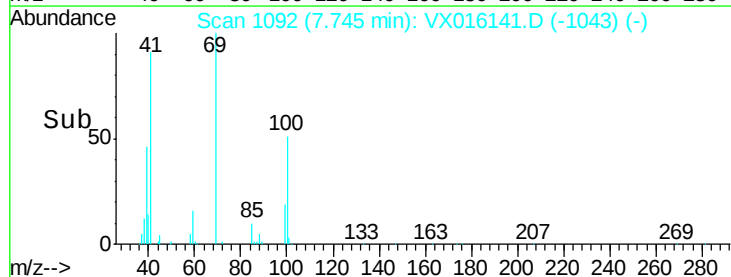
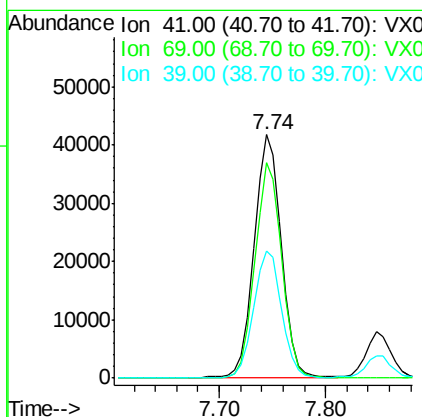
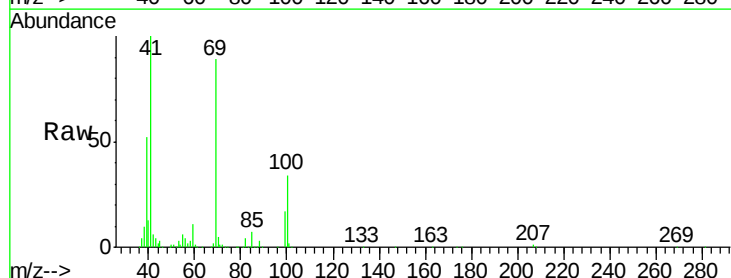
RT: 7.74 min Scan# 1092

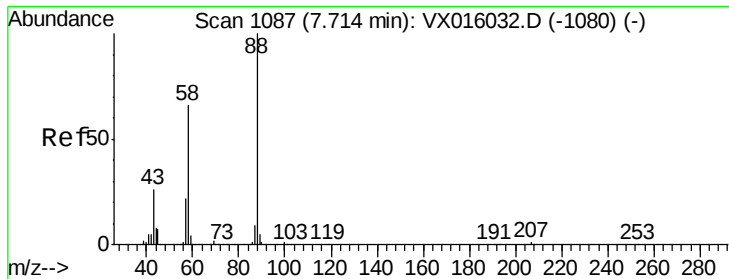
Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 74620 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 87.8  | 67.8  | 101.6 |
| 39        | 53.7  | 44.6  | 67.0  |





#49

1,4-Dioxane

Concen: 390.285 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

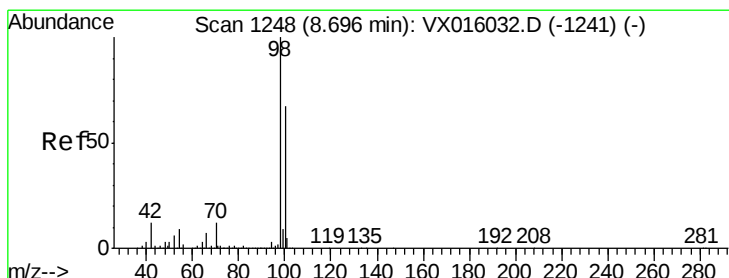
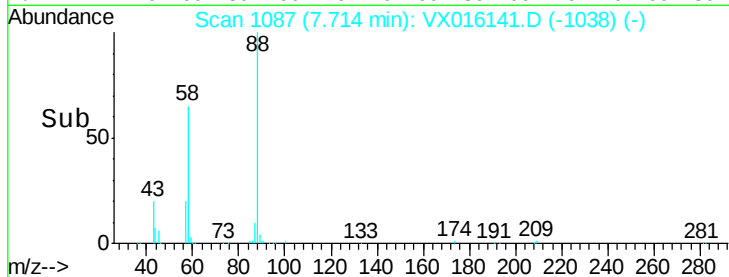
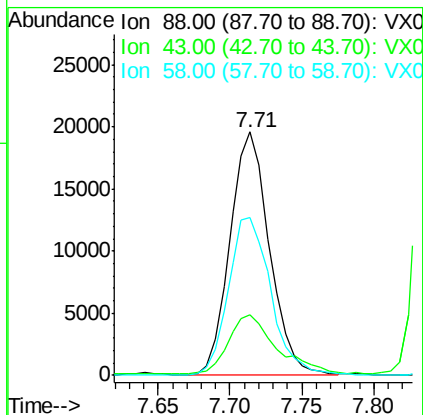
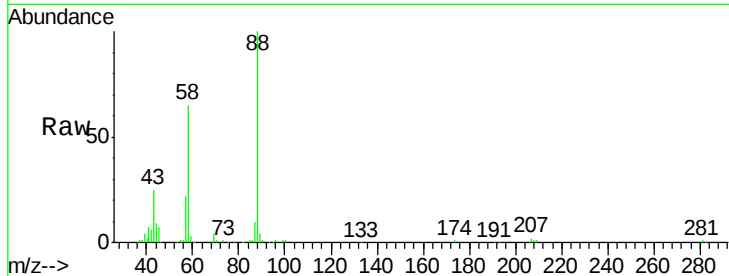
ClientSampleId :

VX0511WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 37519 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.1  | 25.3  | 37.9  |
| 58       | 69.8  | 55.9  | 83.9  |

Manual Integrations  
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#50

Toluene-d8

Concen: 47.529 ug/l

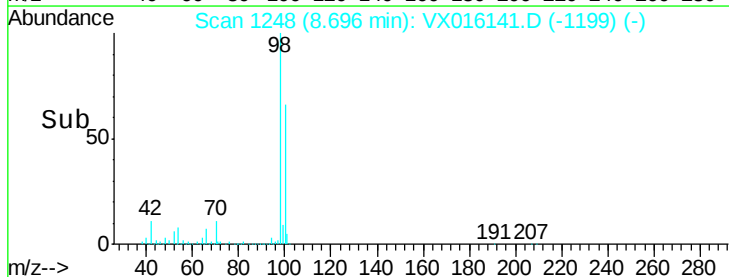
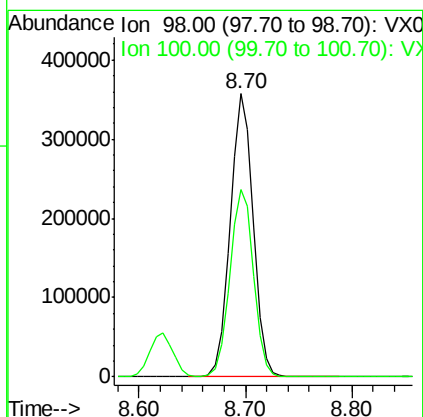
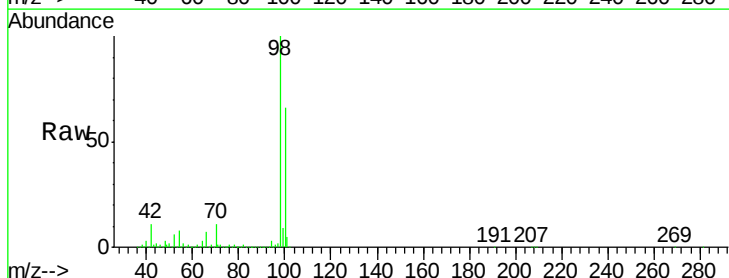
RT: 8.70 min Scan# 1248

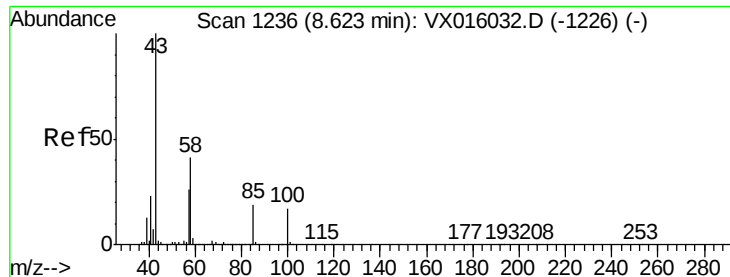
Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 539152 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 68.0  | 53.7  | 80.5   |





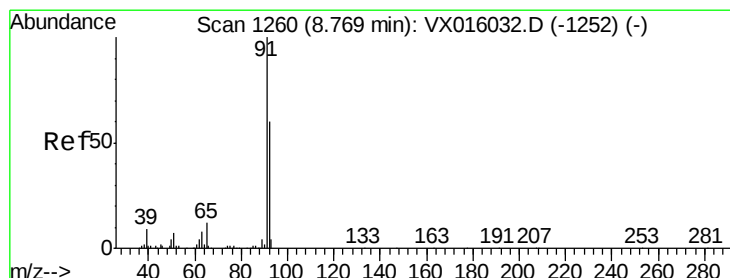
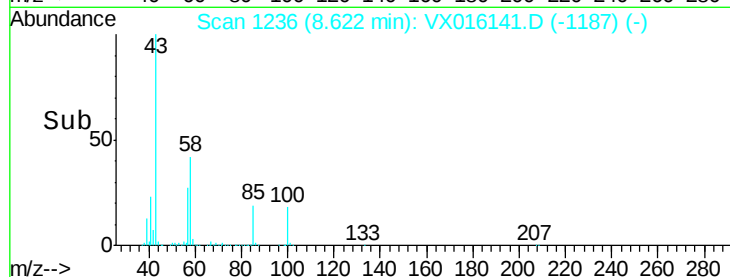
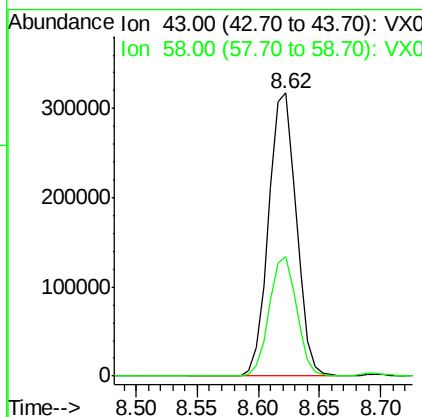
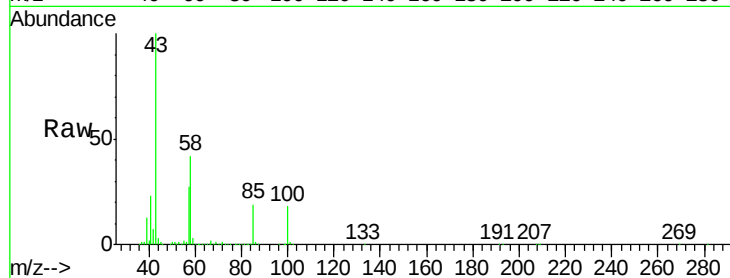
#51  
4-Methyl-2-Pentanone  
Concen: 96.494 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | 43    | Resp  | 499498 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 58      | 41.9  | 33.0  | 49.4   |

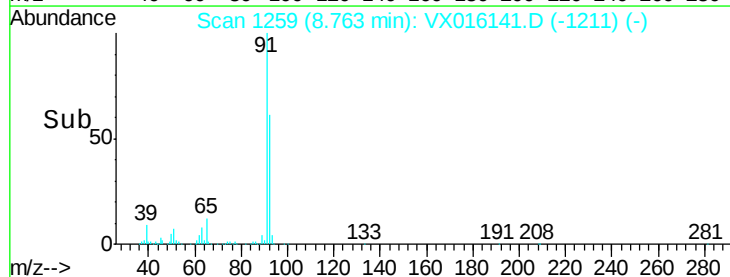
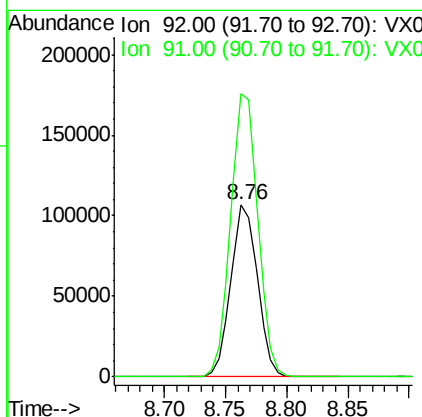
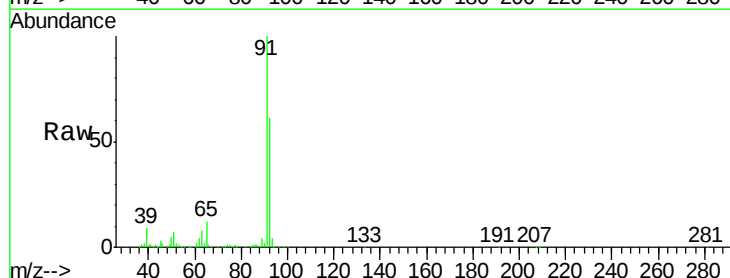
Manual Integrations  
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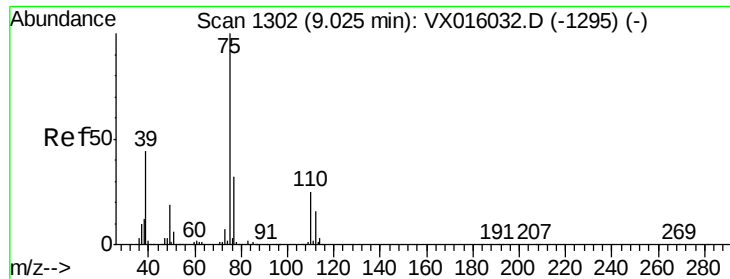
apatel  
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#52  
Toluene  
Concen: 19.269 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | 92    | Resp  | 160748 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 92      | 100   |       |        |
| 91      | 167.7 | 134.5 | 201.7  |





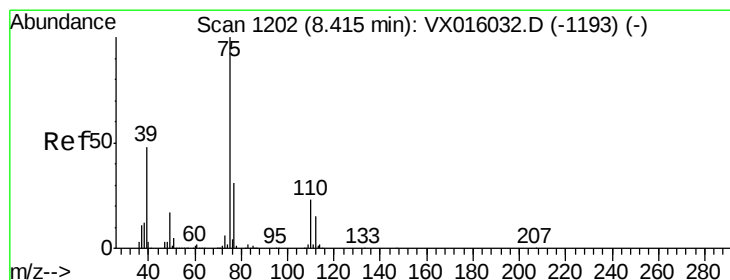
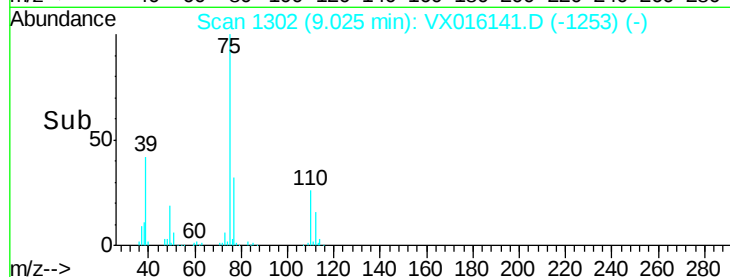
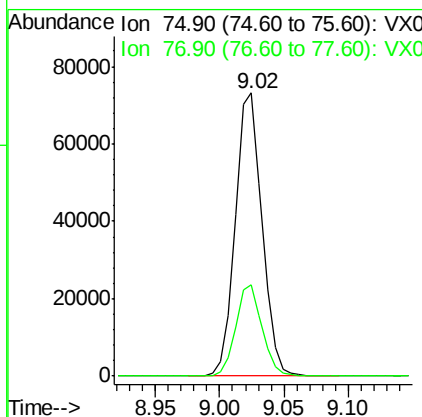
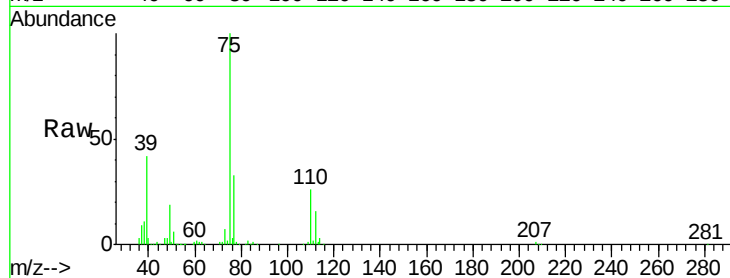
#53  
t-1,3-Dichloropropene  
Concen: 18.927 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.4  | 25.7  | 38.5  |

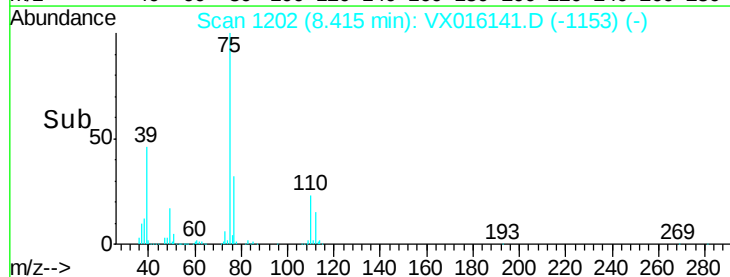
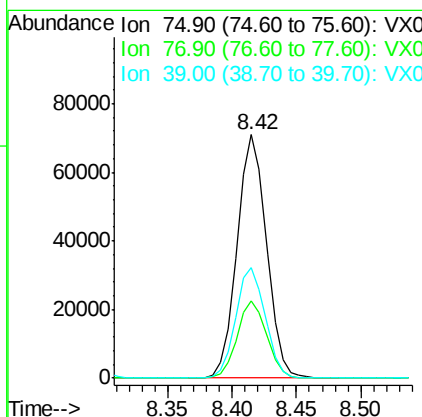
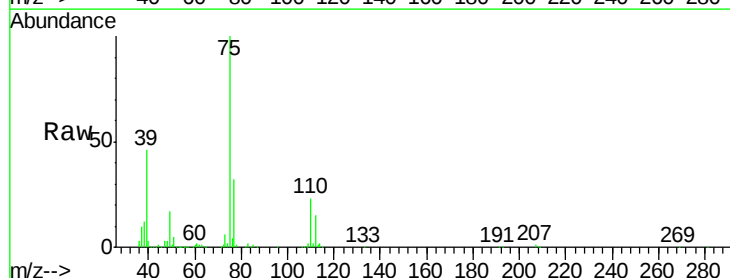
Manual Integrations  
APPROVED

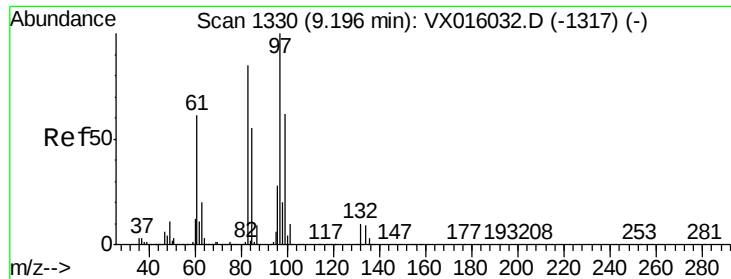
apatel  
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#54  
cis-1,3-Dichloropropene  
Concen: 19.247 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 24.7  | 37.1  |
| 39      | 45.5  | 38.7  | 58.1  |





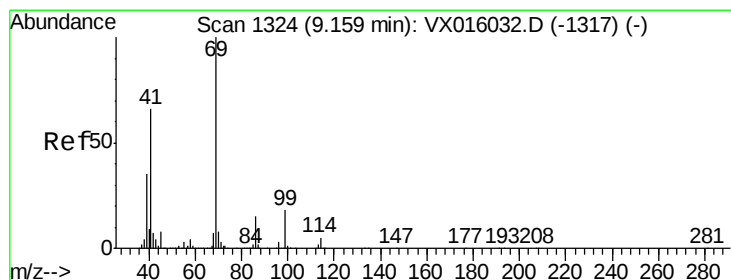
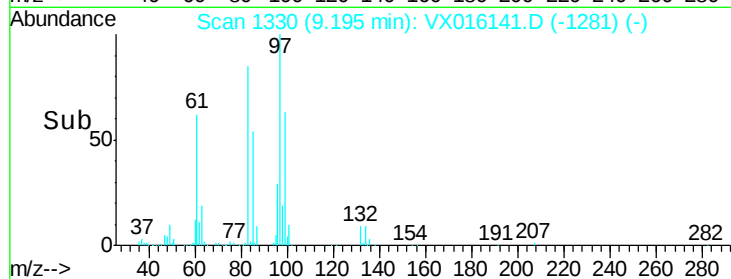
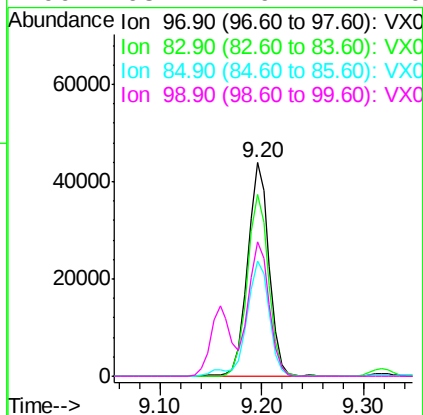
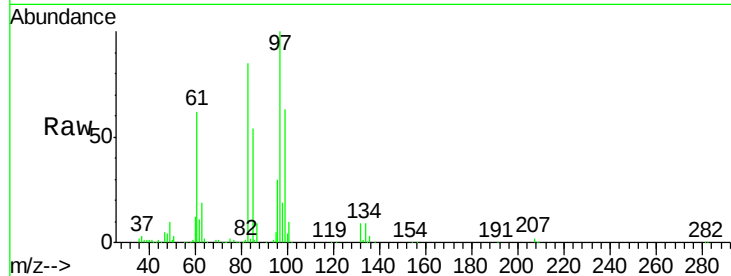
#55  
 1,1,2-Trichloroethane  
 Concen: 19.607 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 64355 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.8  | 67.8  | 101.8 |
| 85       | 53.8  | 43.8  | 65.8  |
| 99       | 63.1  | 49.4  | 74.0  |

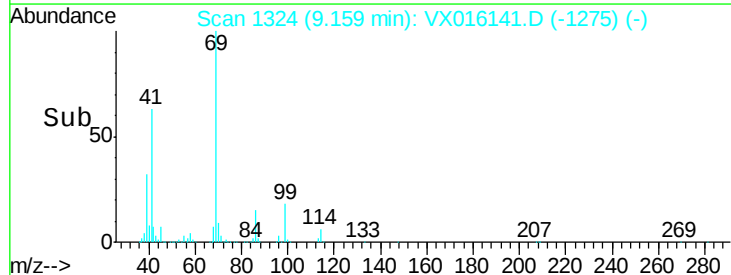
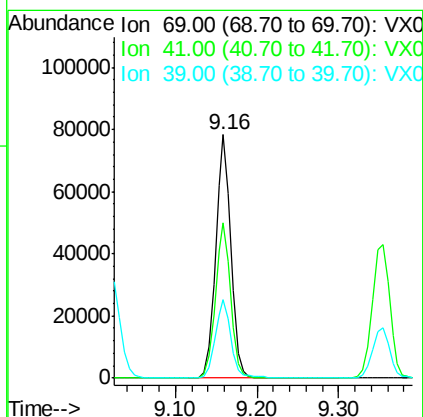
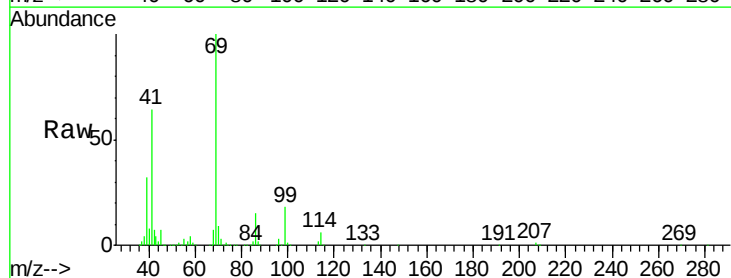
Manual Integrations  
 APPROVED

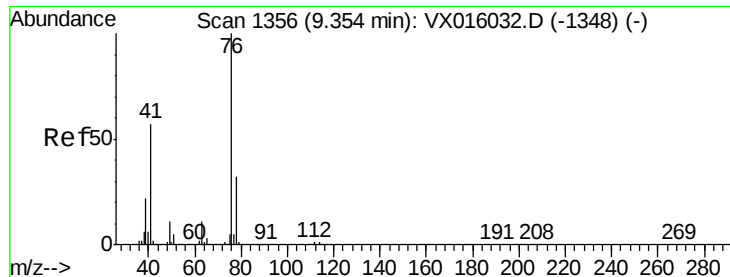
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 19.351 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 103678 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.6  | 52.2  | 78.4   |
| 39       | 33.1  | 28.2  | 42.4   |





#57

1,3-Dichloropropane

Concen: 19.636 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 76 Resp: 112460

Ion Ratio Lower Upper

76 100

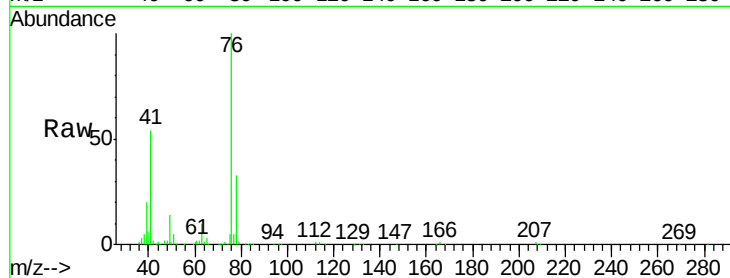
78 32.5 25.9 38.9

Manual Integrations

APPROVED

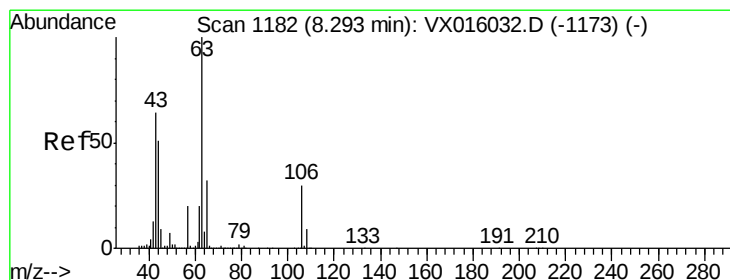
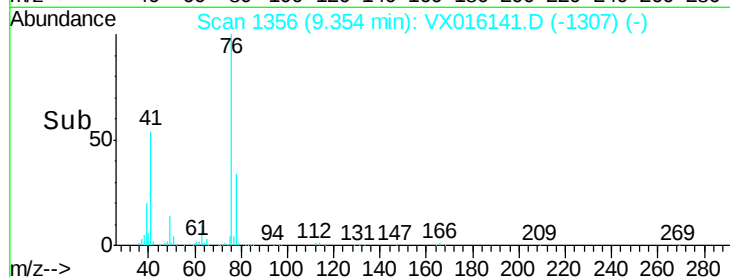
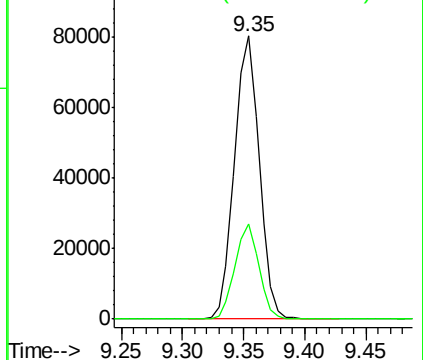
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.066 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016141.D

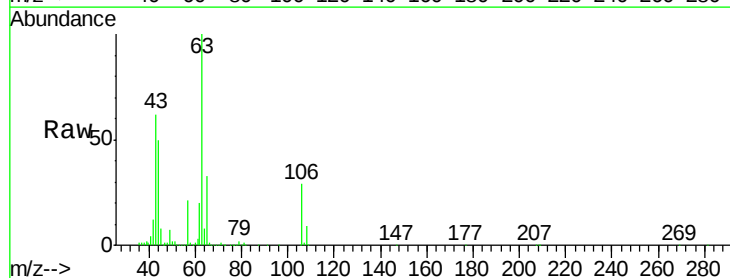
Acq: 11 May 2020 12:17

Tgt Ion: 63 Resp: 265451

Ion Ratio Lower Upper

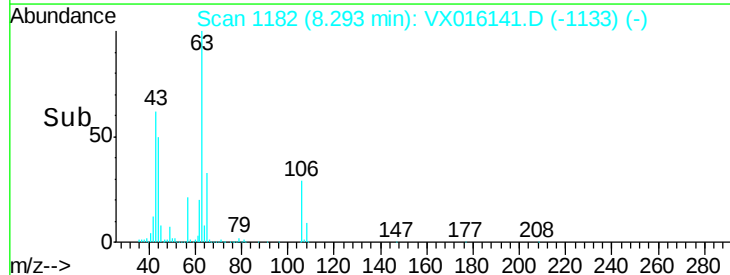
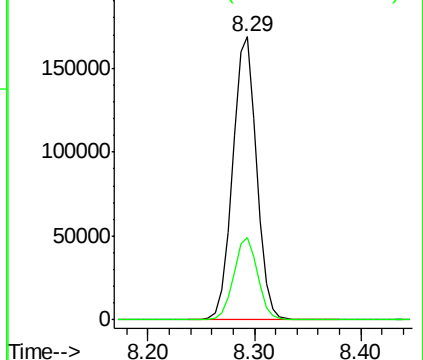
63 100

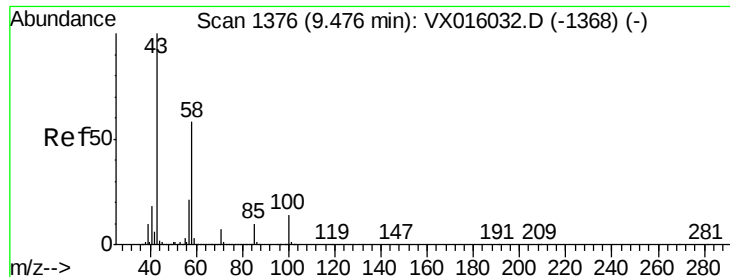
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





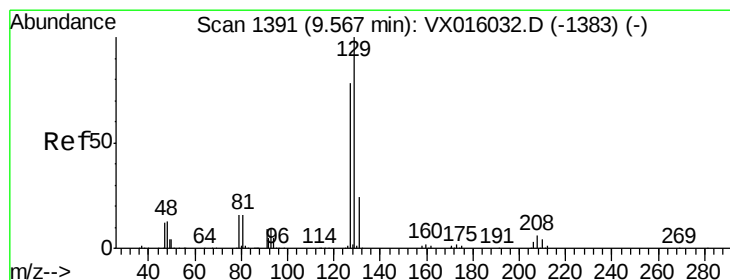
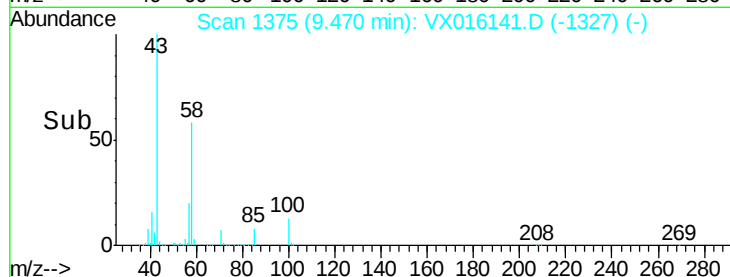
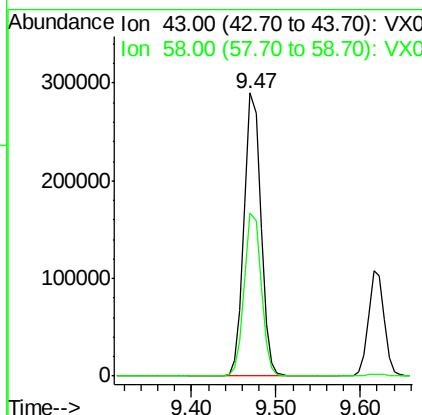
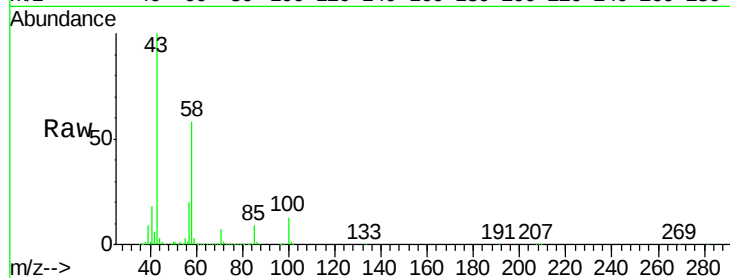
#59  
2-Hexanone  
Concen: 94.363 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 58.2  | 28.6  | 85.9  |

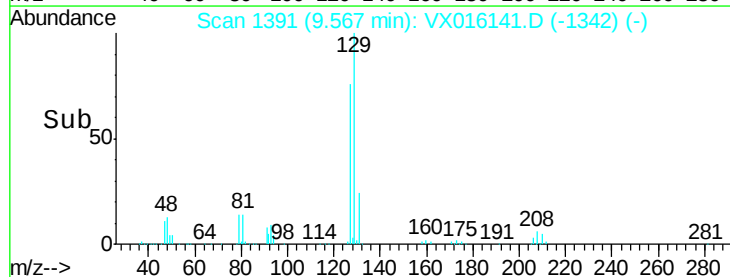
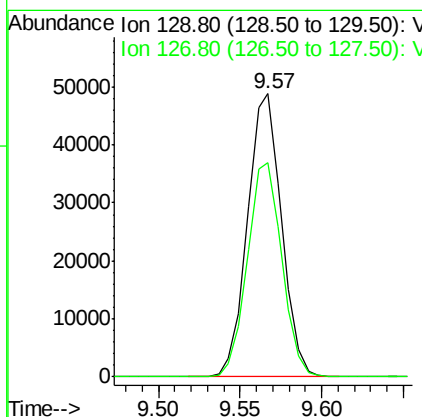
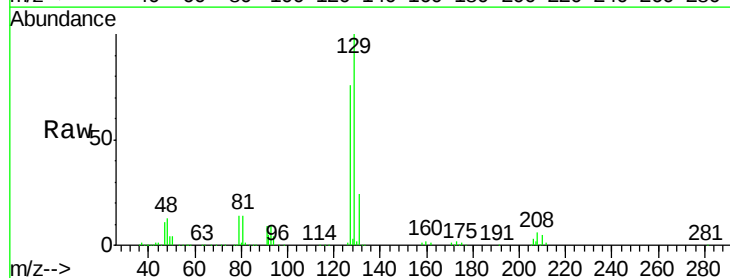
Manual Integrations  
APPROVED

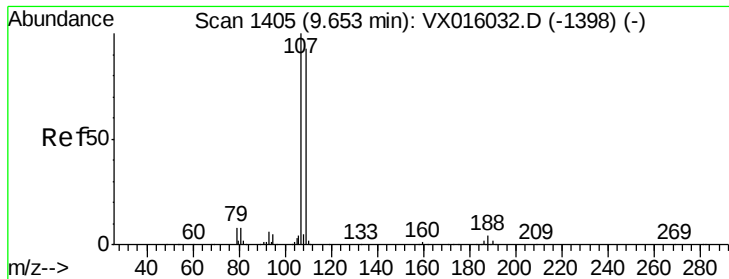
apatel  
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#60  
Dibromochloromethane  
Concen: 19.657 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.5  | 38.4  | 115.2 |





#61

1,2-Dibromoethane

Concen: 19.307 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 107 Resp: 68643

Ion Ratio Lower Upper

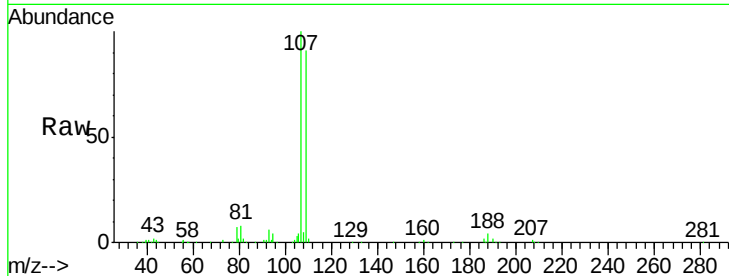
107 100

109 93.9 74.9 112.3

Manual Integrations  
APPROVED

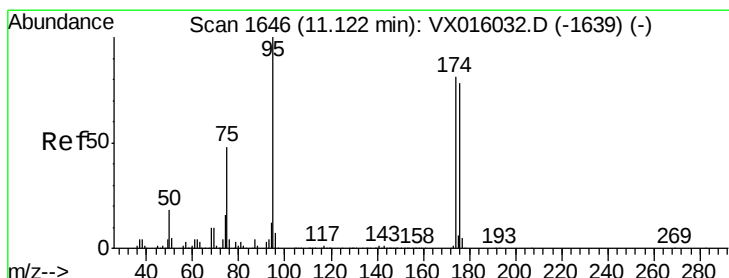
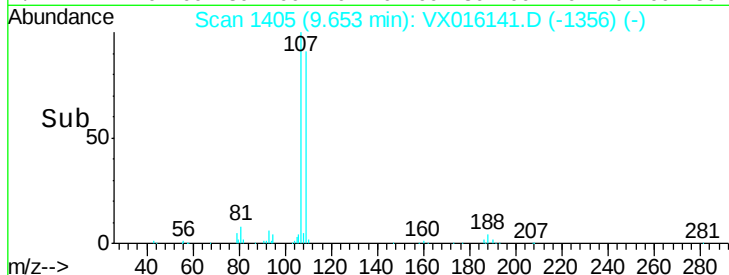
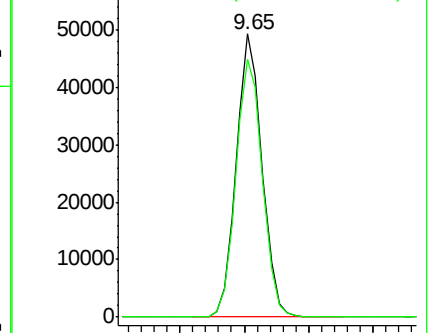
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.527 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

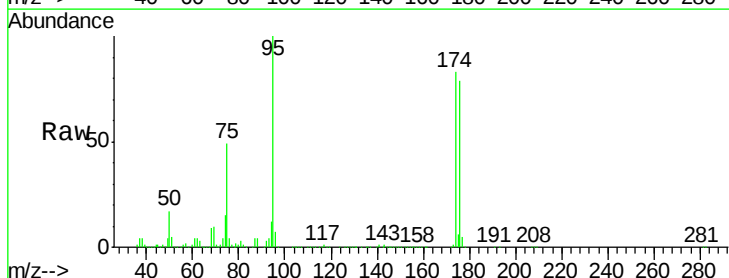
Tgt Ion: 95 Resp: 205056

Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

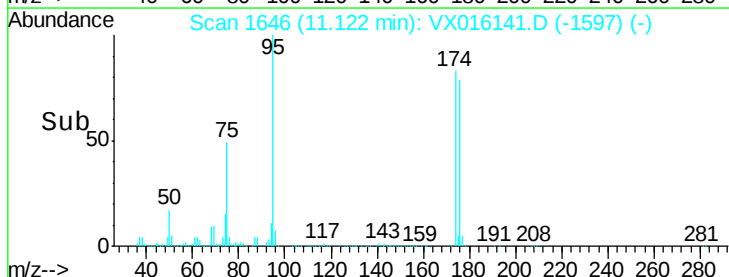
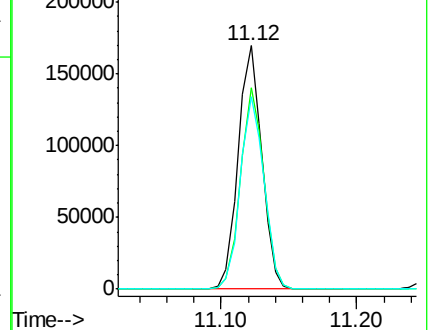
176 79.5 0.0 157.6

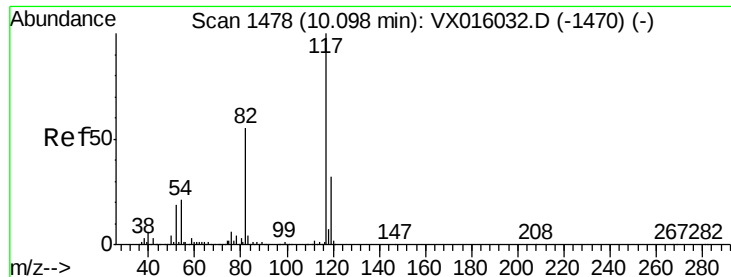


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





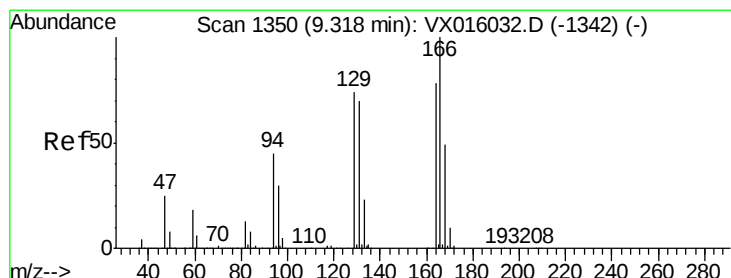
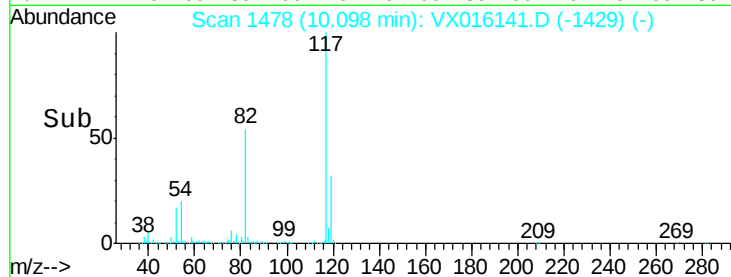
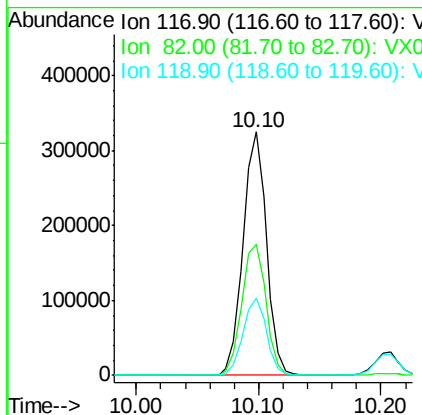
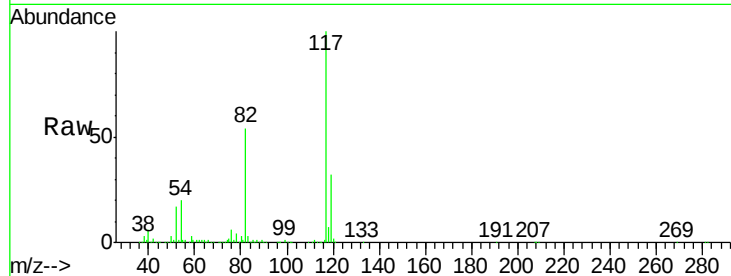
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 430013 |       |       |
| 82      | 53.8  |        | 44.4  | 66.6  |
| 119     | 31.8  |        | 25.5  | 38.3  |

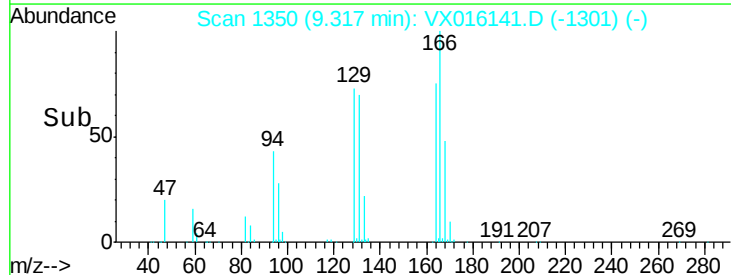
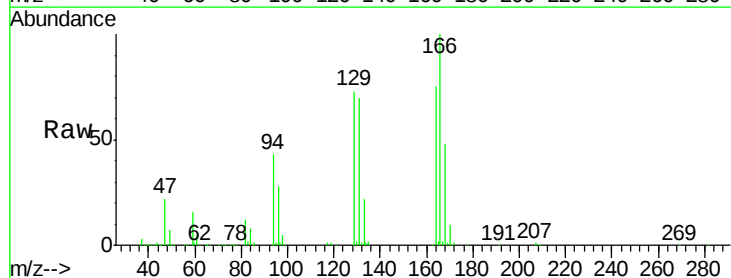
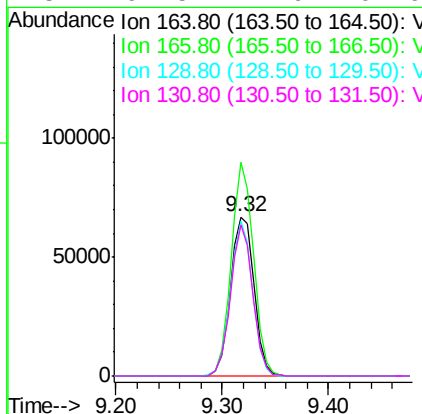
Manual Integrations  
APPROVED

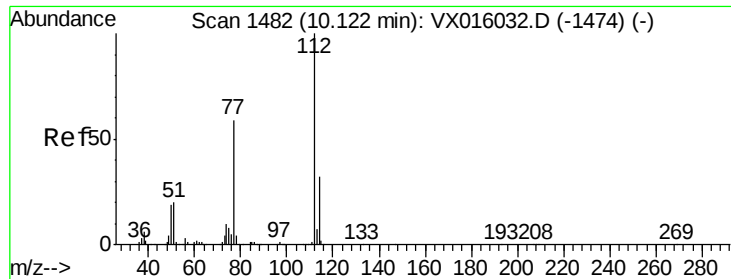
apatel  
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#64  
Tetrachloroethene  
Concen: 19.727 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 104140 |       |       |
| 166     | 134.1 |        | 102.9 | 154.3 |
| 129     | 97.2  |        | 76.1  | 114.1 |
| 131     | 94.5  |        | 71.9  | 107.9 |





#65

Chlorobenzene

Concen: 19.099 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampled :

VX0511WBSD01

Tot Ion:112 Resp: 171964

Ion Ratio Lower Upper

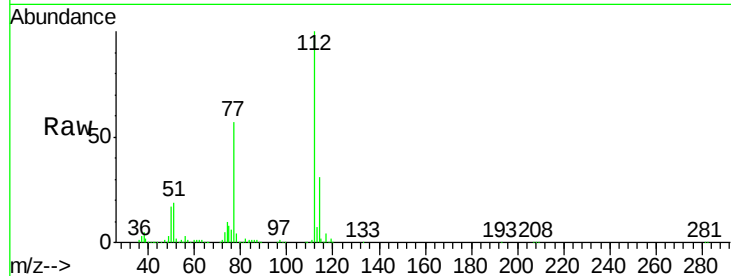
112 100

114 31.1 25.7 38.5

Manual Integrations  
APPROVED

apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

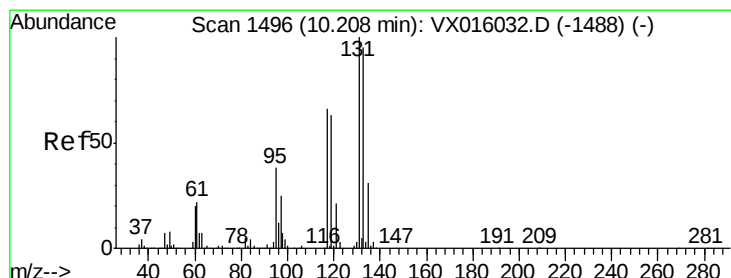
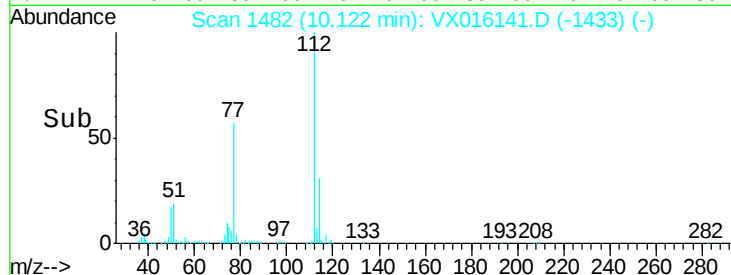
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.200 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

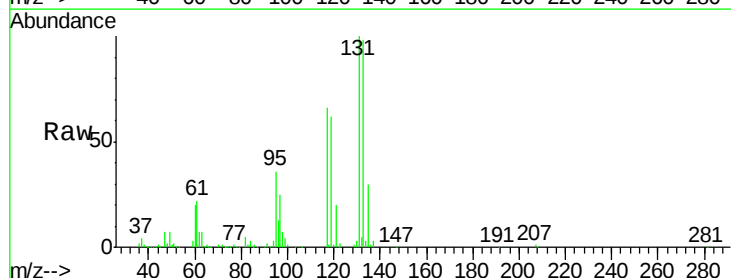
Tgt Ion:131 Resp: 63898

Ion Ratio Lower Upper

131 100

133 97.2 48.3 144.8

119 64.1 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

30000

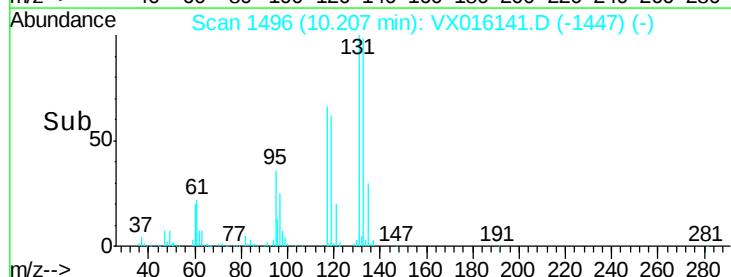
20000

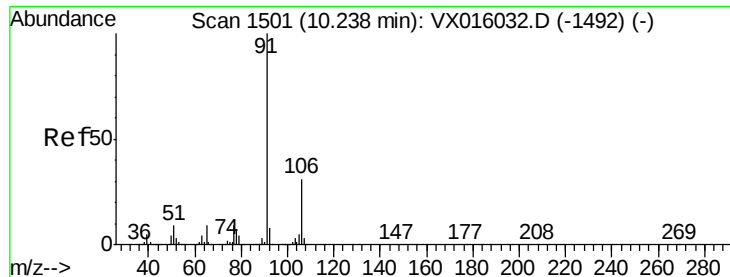
10000

0

10.15 10.20 10.25

Time-->





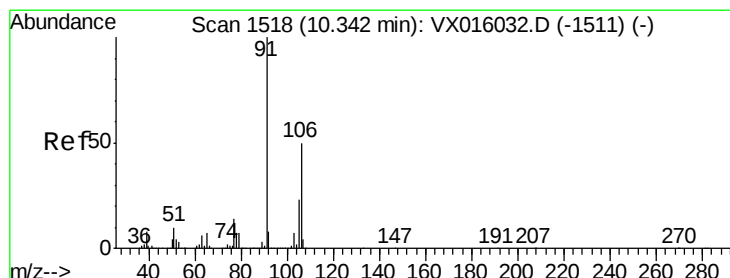
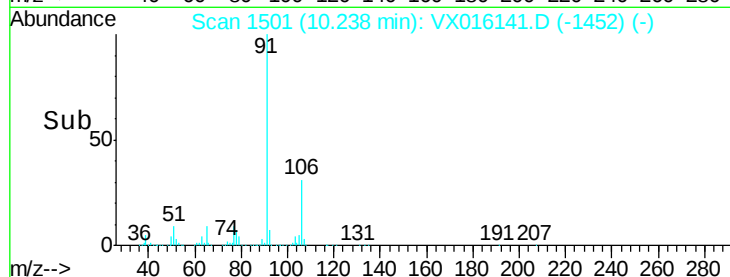
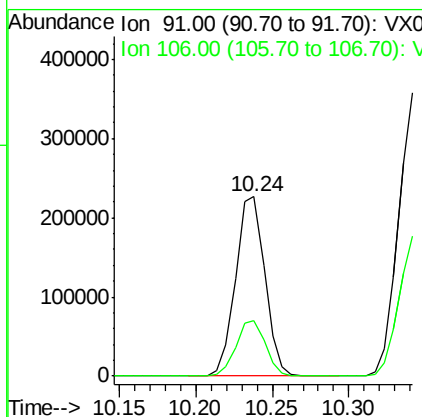
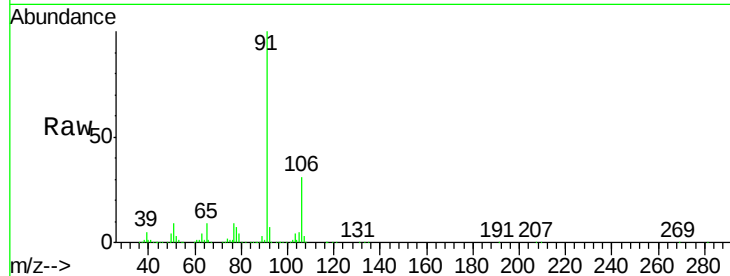
#67  
Ethyl Benzene  
Concen: 18.807 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

Tot Ion: 91 Resp: 302136  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.1 37.7

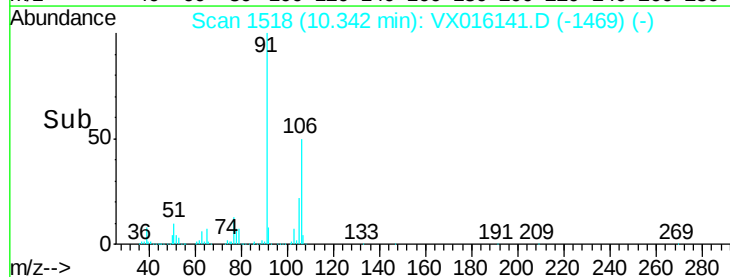
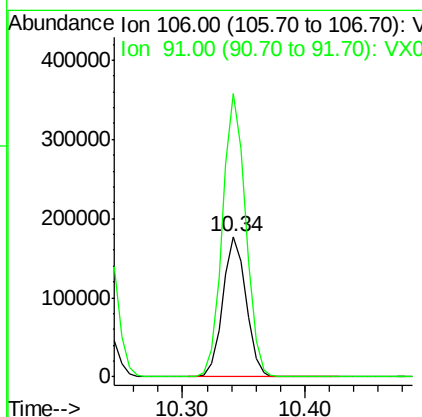
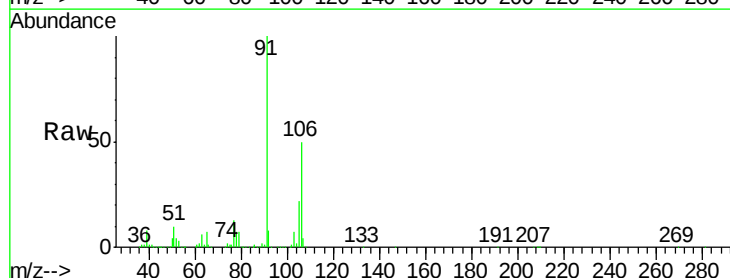
Manual Integrations  
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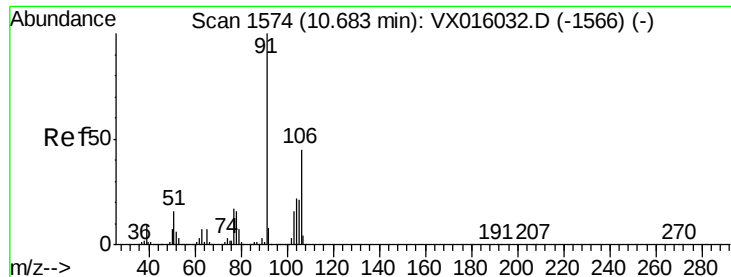
apatel  
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#68  
m/p-Xylenes  
Concen: 38.698 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Tgt Ion: 106 Resp: 232926  
Ion Ratio Lower Upper  
106 100  
91 202.2 161.7 242.5





#69

o-Xylene

Concen: 19.153 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion:106 Resp: 110814

Ion Ratio Lower Upper

106 100

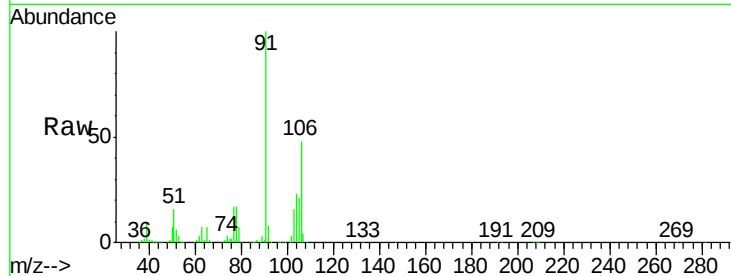
91 212.0 107.5 322.6

Manual Integrations

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apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

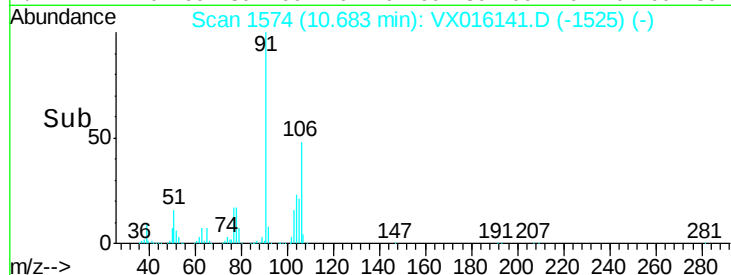
150000

100000

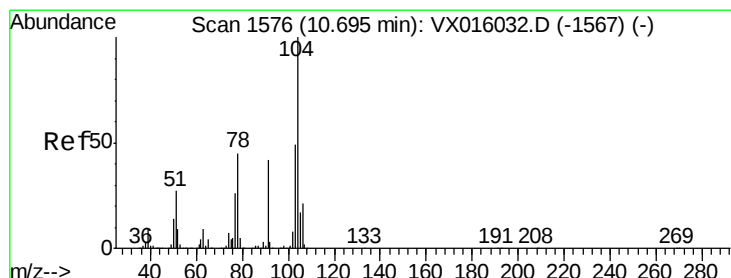
50000

0

10.60 10.68 10.70 10.80



Time-->



#70

Styrene

Concen: 18.780 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

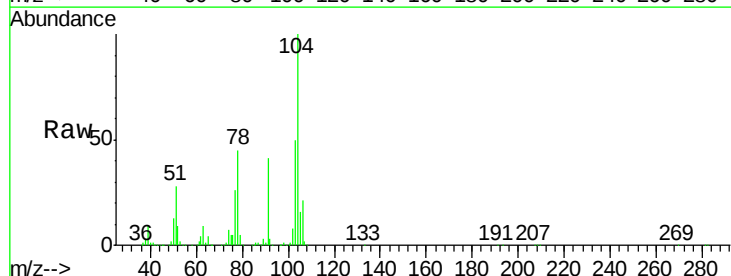
Tgt Ion:104 Resp: 184342

Ion Ratio Lower Upper

104 100

78 50.7 40.2 60.2

103 54.2 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

200000

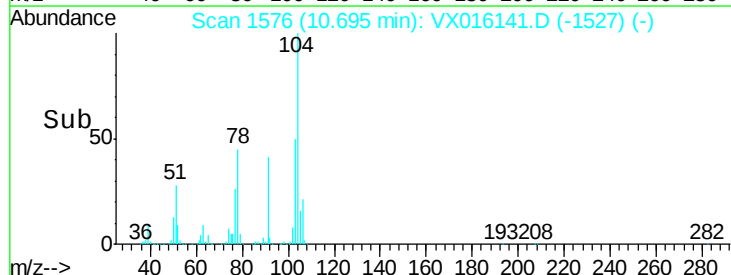
150000

100000

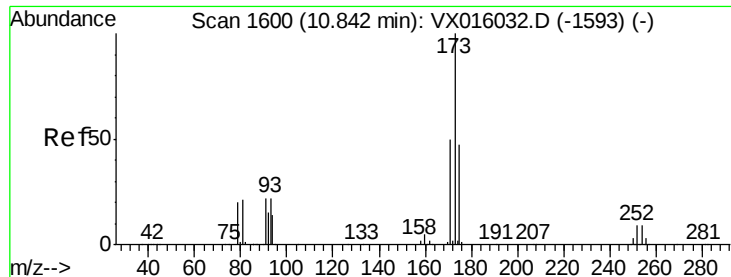
50000

0

10.60 10.70 10.80



Time-->



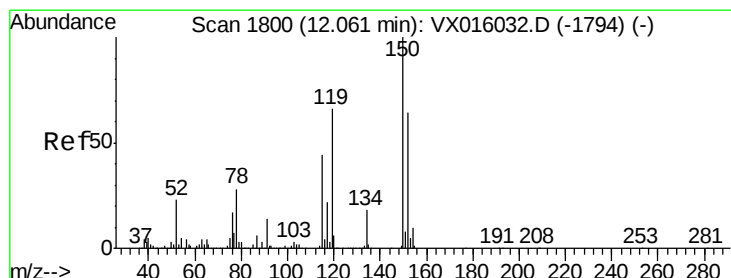
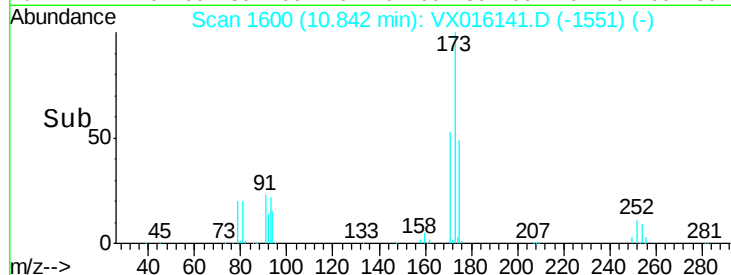
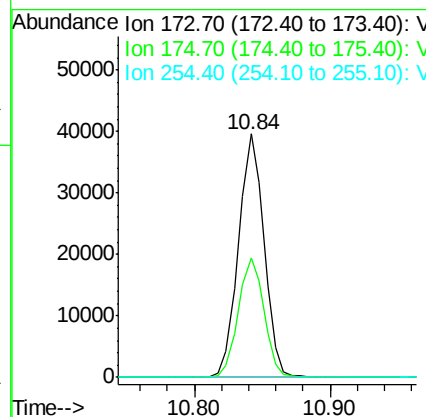
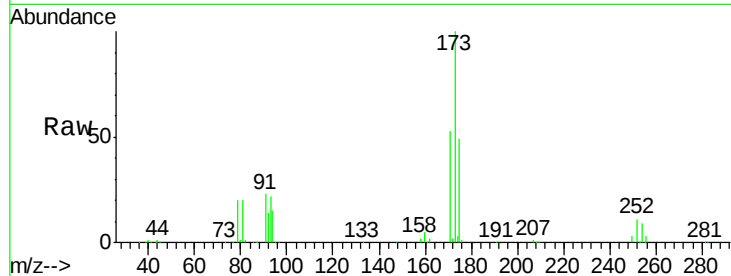
#71  
Bromoform  
Concen: 19.062 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.5  | 24.0  | 72.0  |
| 254     | 0.0   | 0.1   | 0.1   |

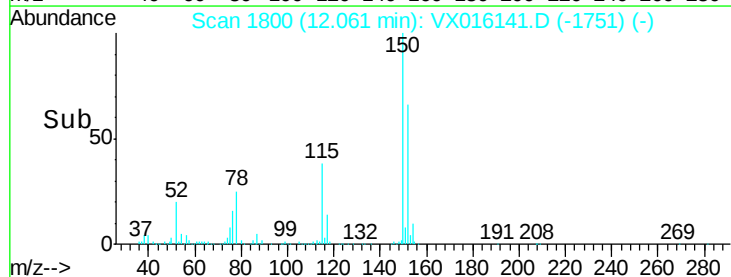
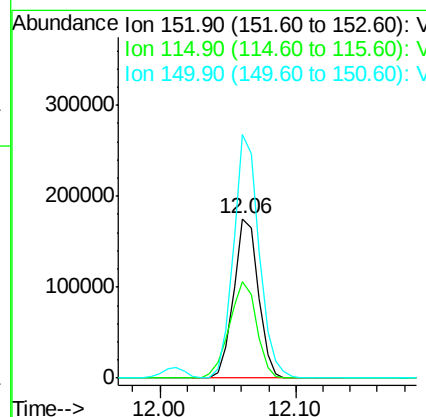
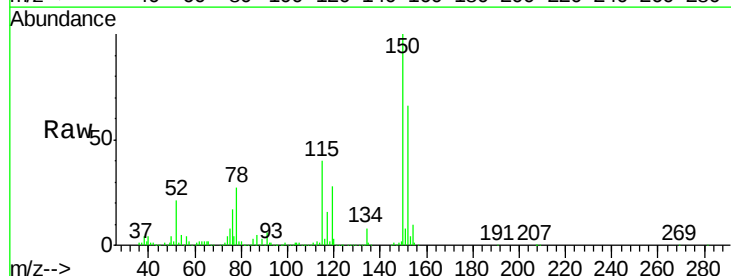
Manual Integrations  
APPROVED

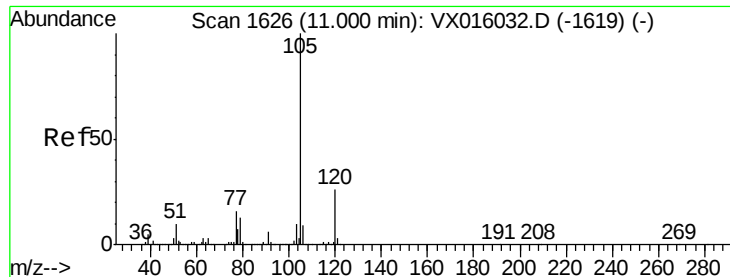
apatel  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 67.1  | 41.3  | 124.1 |
| 150     | 158.6 | 0.0   | 352.2 |





#73

Isopropylbenzene

Concen: 18.648 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 105 Resp: 299003

Ion Ratio Lower Upper

105 100

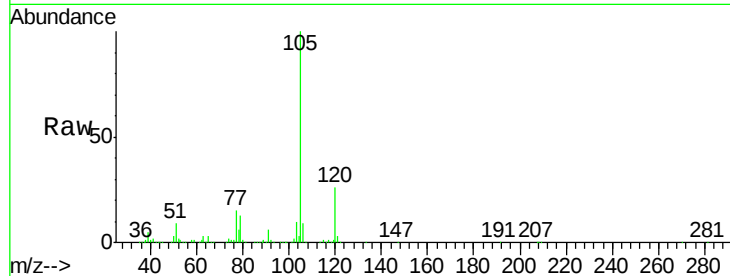
120 26.4 13.4 40.2

Manual Integrations

APPROVED

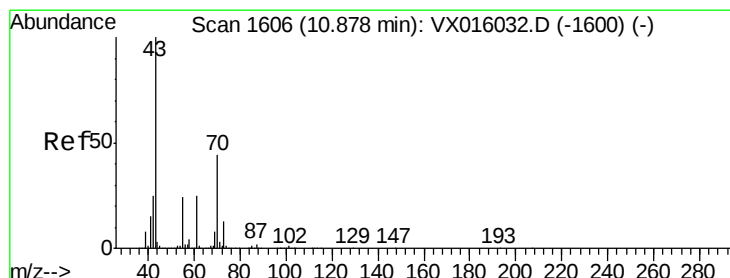
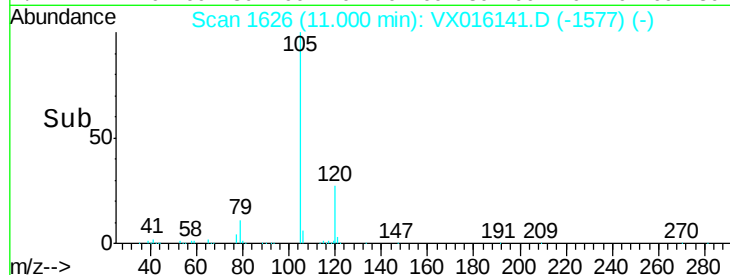
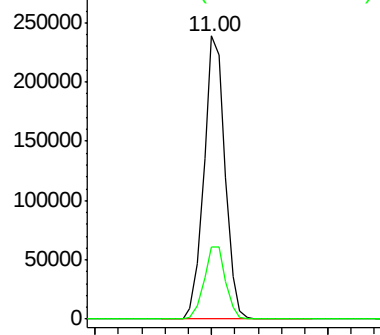
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.011 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Tgt Ion: 43 Resp: 134706

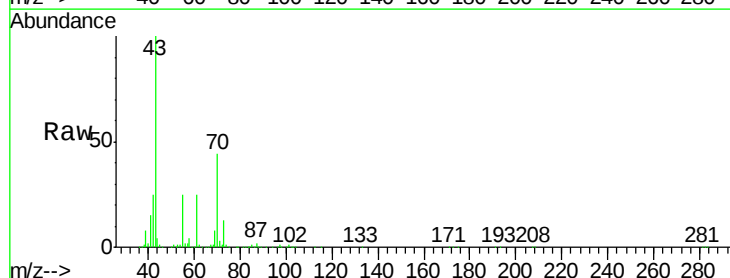
Ion Ratio Lower Upper

43 100

70 45.9 36.5 54.7

55 25.2 19.7 29.5

61 26.2 20.9 31.3

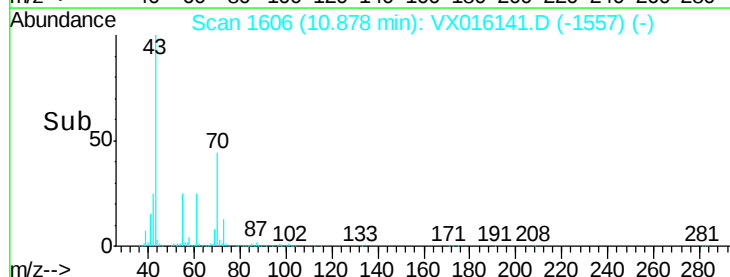
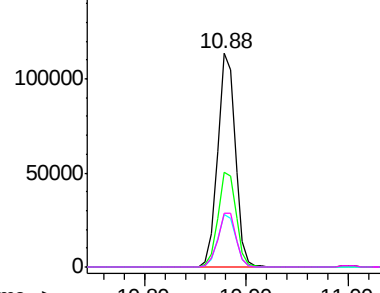


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.580 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

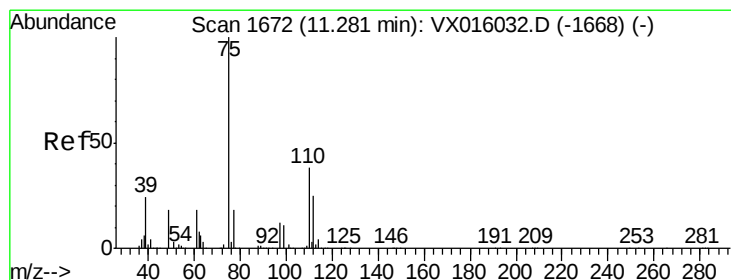
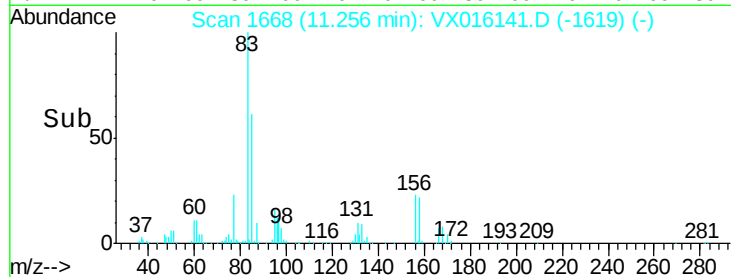
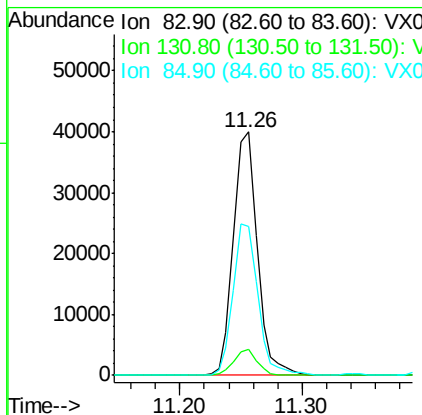
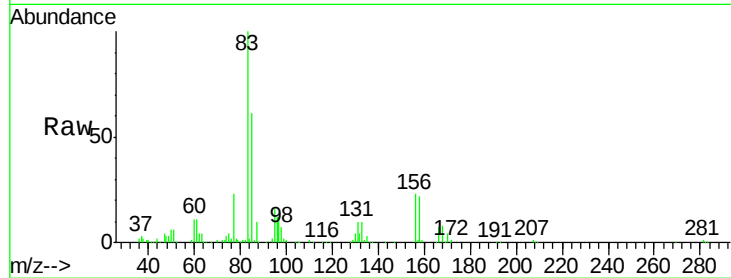
ClientSampleId :

VX0511WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 54237 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.2  | 5.1   | 15.4  |
| 85        | 64.6  | 32.0  | 96.0  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 18.928 ug/l m

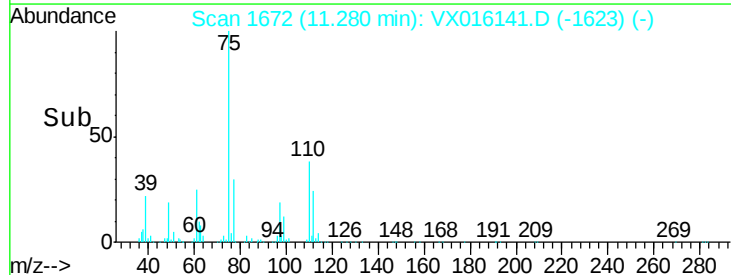
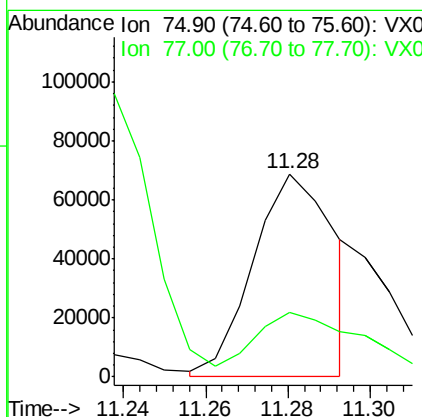
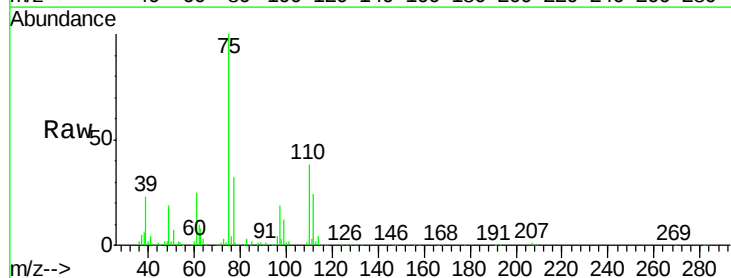
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 94686 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 42.7  | 21.2  | 63.6  |





#77

Bromobenzene

Concen: 18.474 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0511WBSD01

Tot Ion:156 Resp: 76459

Ion Ratio Lower Upper

156 100

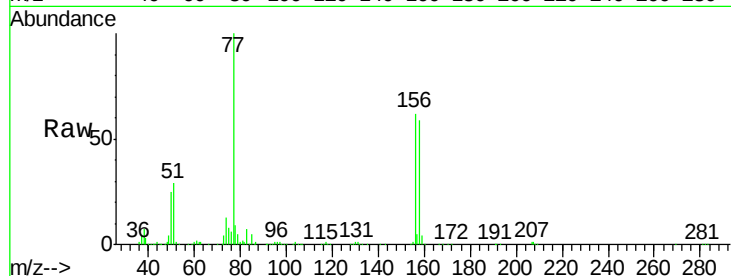
77 158.5 80.1 240.3

158 94.2 49.4 148.2

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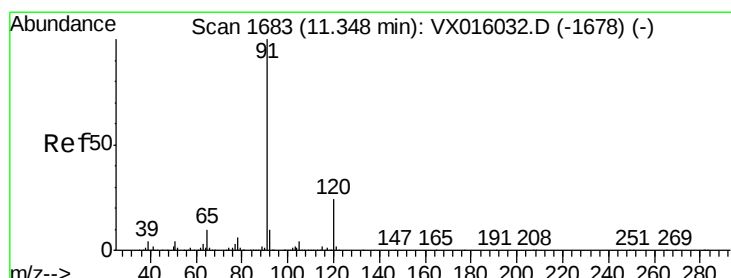
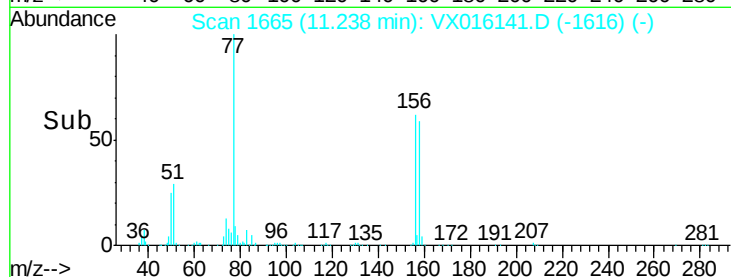
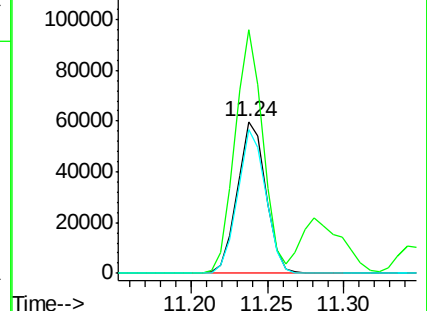
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.454 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016141.D

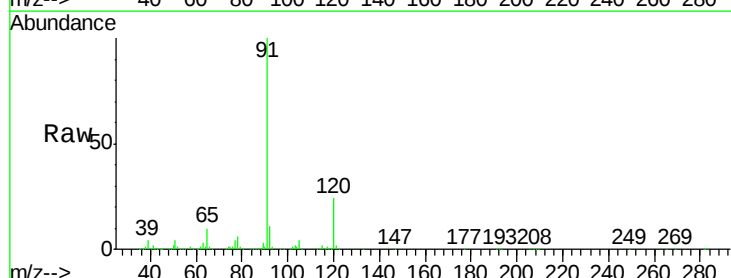
Acq: 11 May 2020 12:17

Tgt Ion: 91 Resp: 344236

Ion Ratio Lower Upper

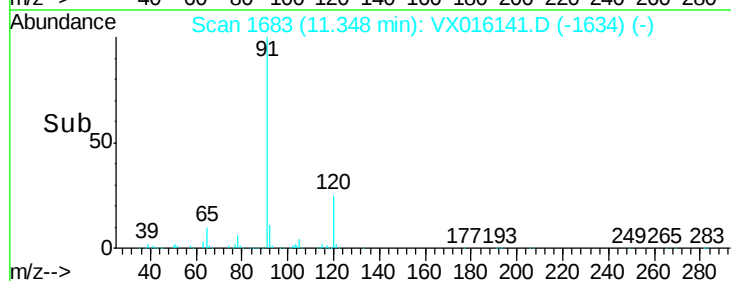
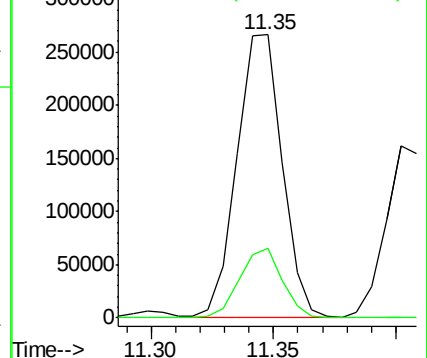
91 100

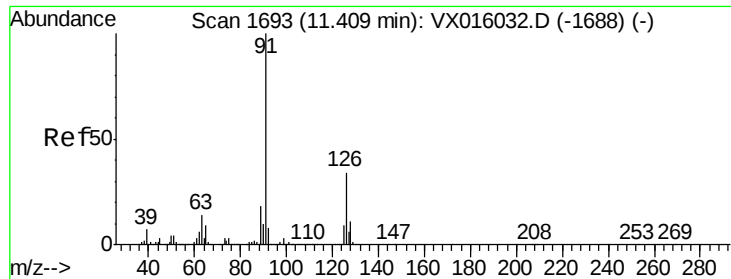
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





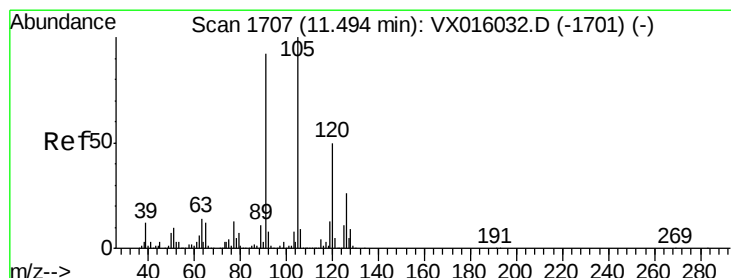
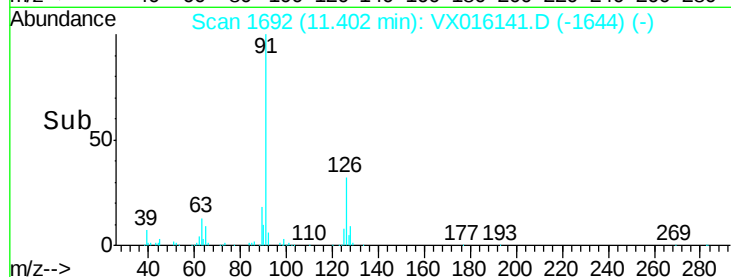
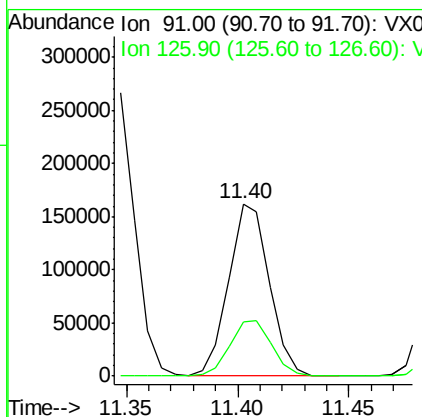
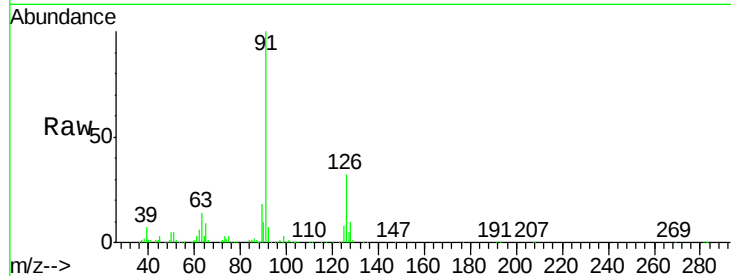
#79  
 2-Chlorotoluene  
 Concen: 18.786 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.2  | 16.9  | 50.6  |

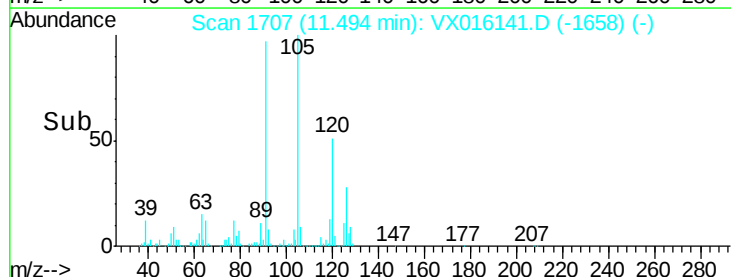
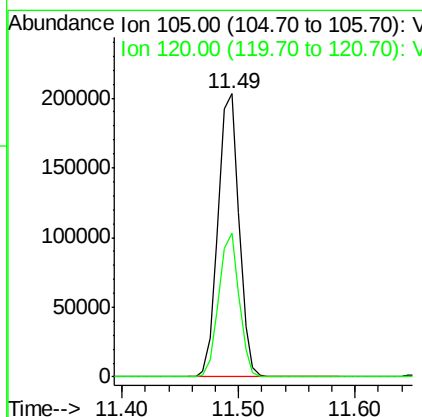
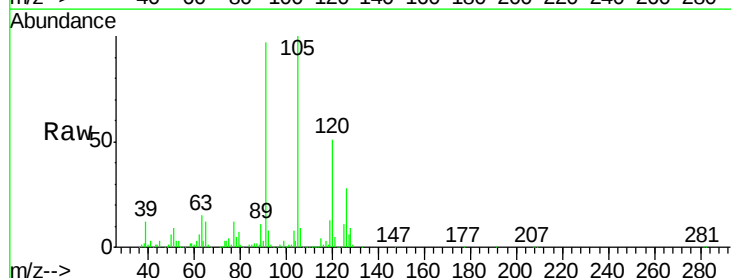
Manual Integrations  
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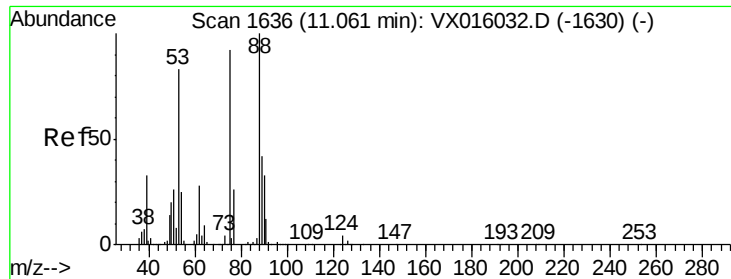
apatel  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.563 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 49.3  | 24.6  | 74.0  |





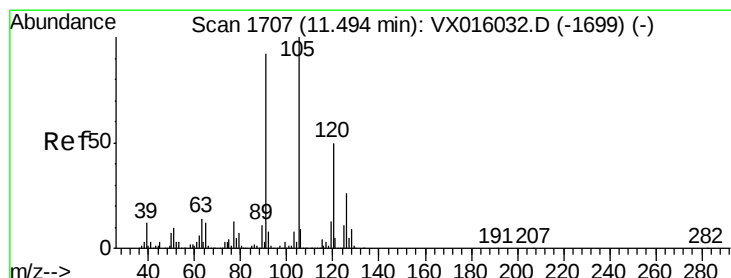
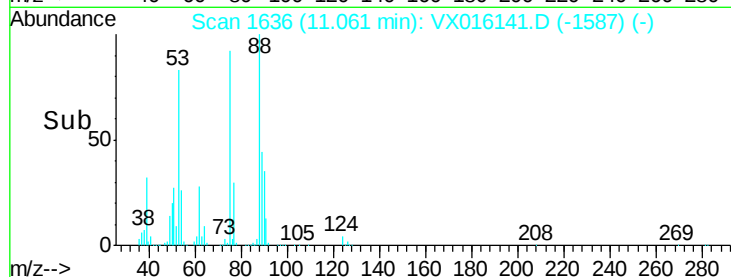
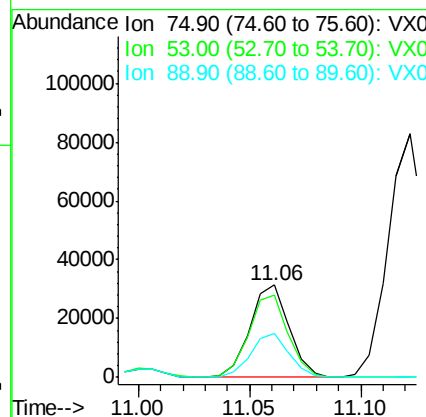
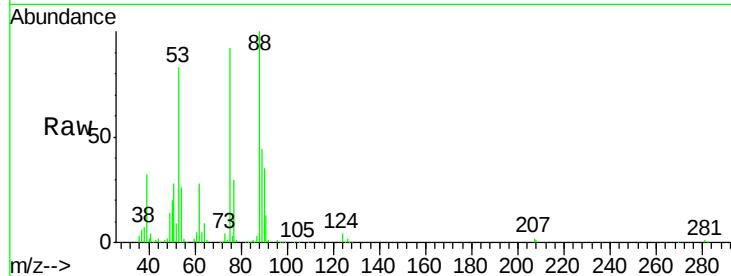
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.238 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 90.4  | 73.1  | 109.7 |
| 89      | 47.4  | 36.7  | 55.1  |

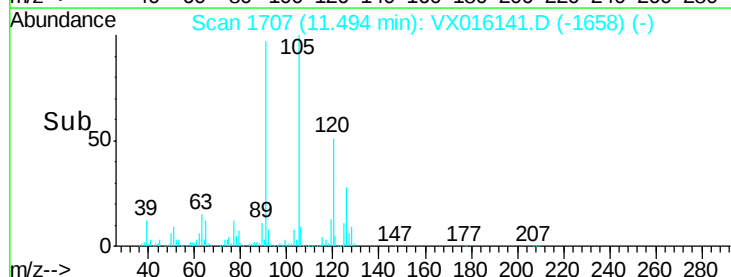
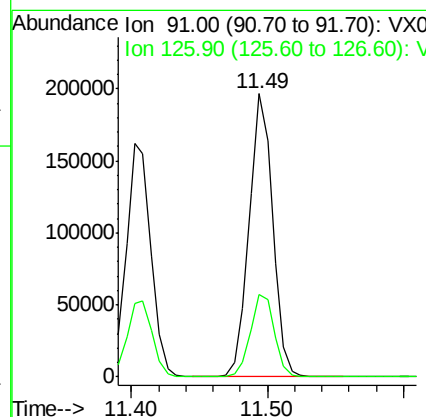
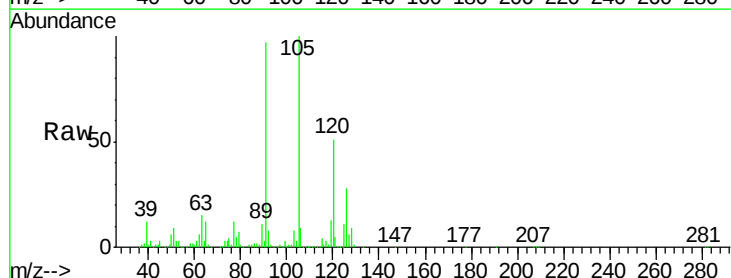
Manual Integrations  
APPROVED

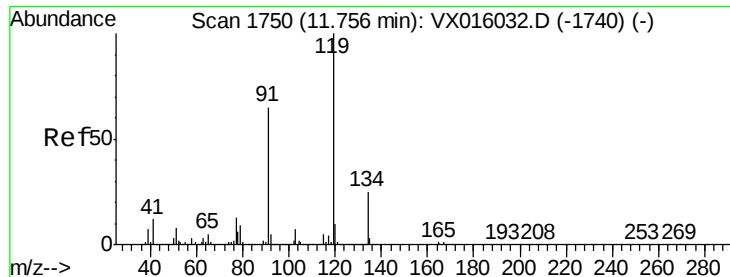
apatel  
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#82  
4-Chlorotoluene  
Concen: 18.333 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.8  | 14.8  | 44.3  |





#83

tert-Butylbenzene

Concen: 18.476 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

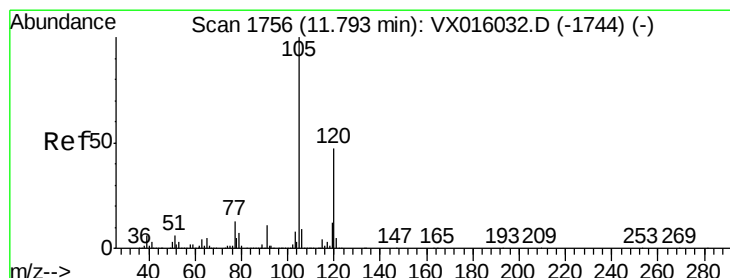
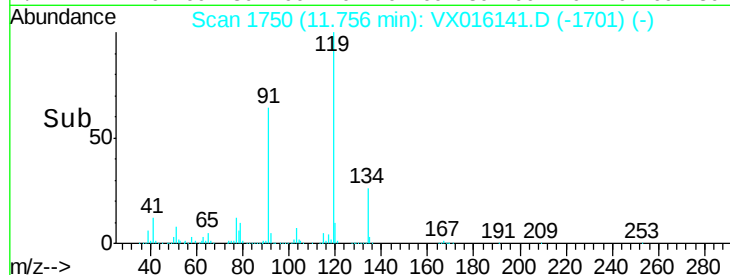
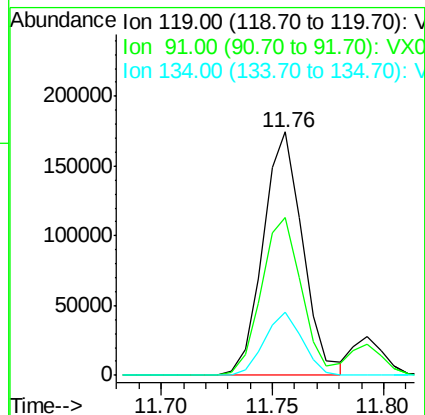
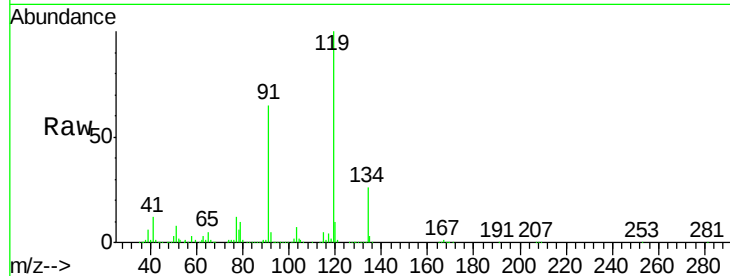
ClientSampleId :

VX0511WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 215561 |       |       |
| 91      | 65.1  | 32.8   | 98.4  |       |
| 134     | 24.9  | 12.4   | 37.0  |       |

Manual Integrations  
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#84

1,2,4-Trimethylbenzene

Concen: 18.707 ug/l

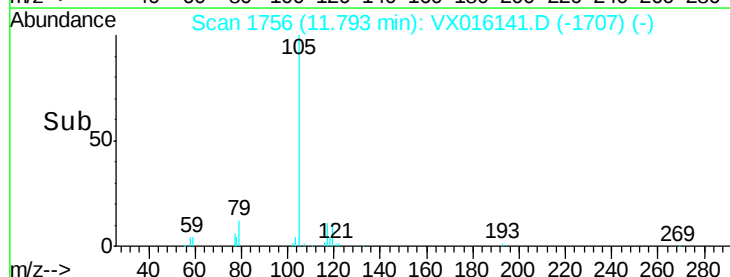
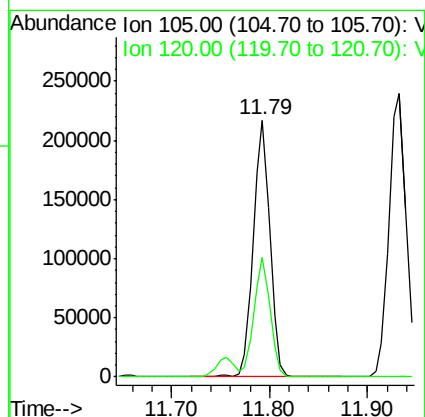
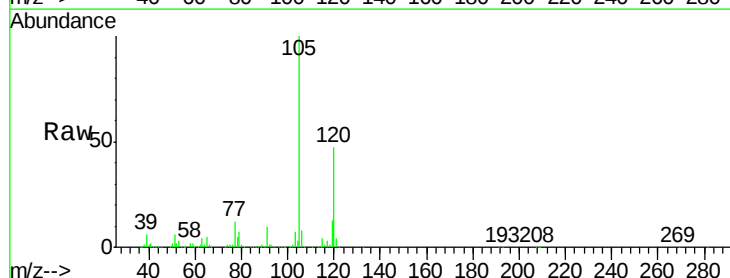
RT: 11.79 min Scan# 1756

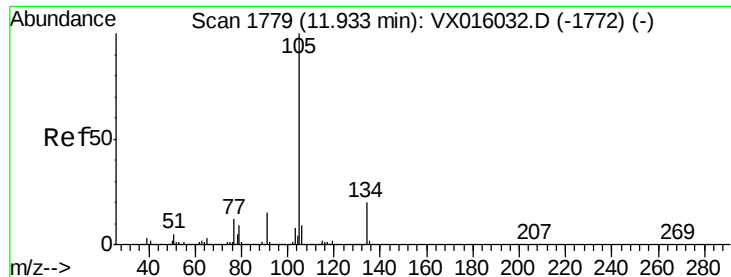
Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 256044 |       |       |
| 120     | 45.5  | 23.0   | 69.0  |       |





#85

sec-Butylbenzene

Concen: 18.489 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

ClientSampled :

VX0511WBSD01

Tot Ion:105 Resp: 291250

Ion Ratio Lower Upper

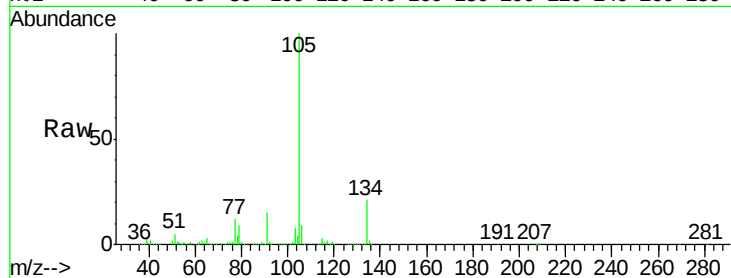
105 100

134 20.6 10.1 30.3

Manual Integrations  
APPROVED

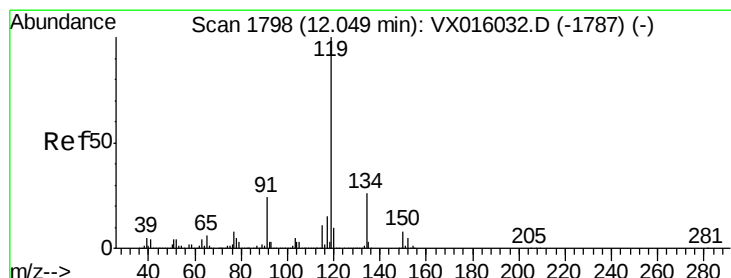
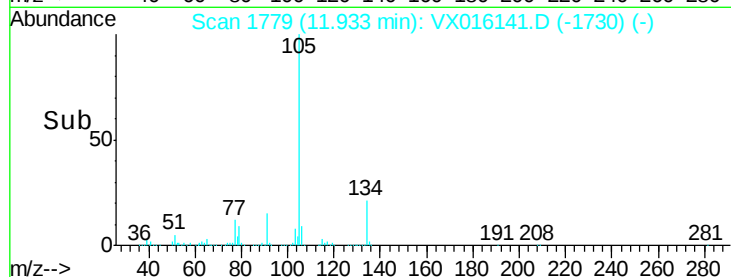
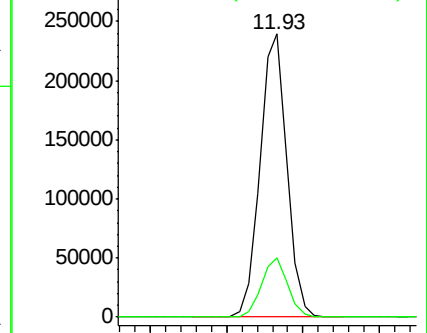
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.505 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

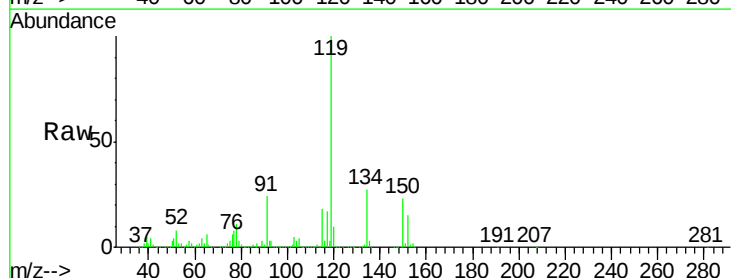
Tgt Ion:119 Resp: 270646

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

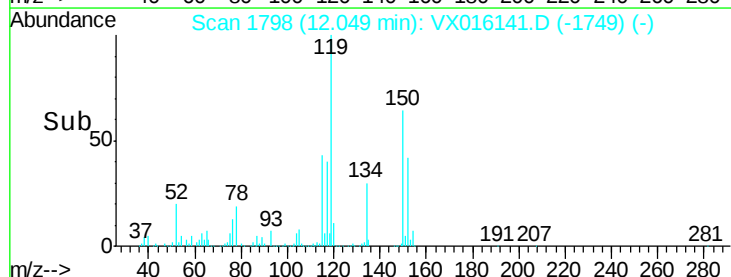
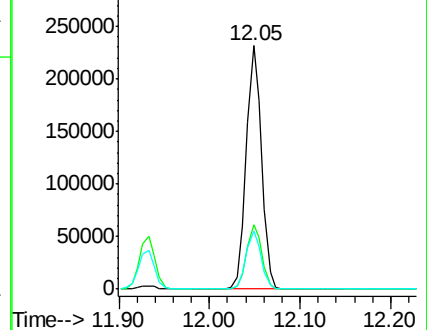
91 23.6 11.8 35.4

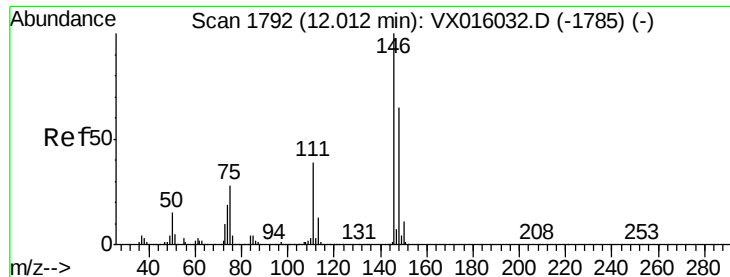


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.103 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

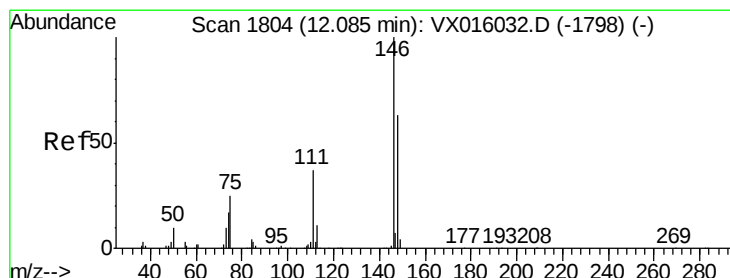
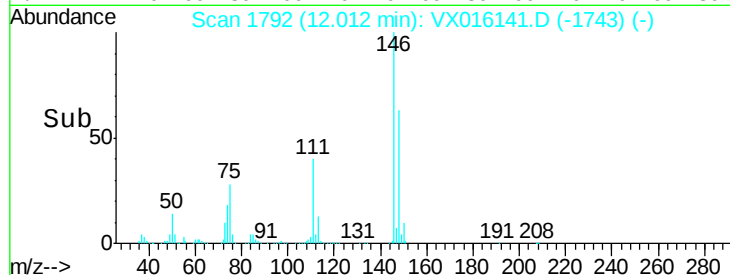
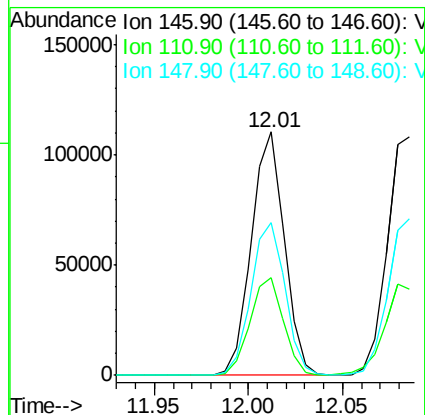
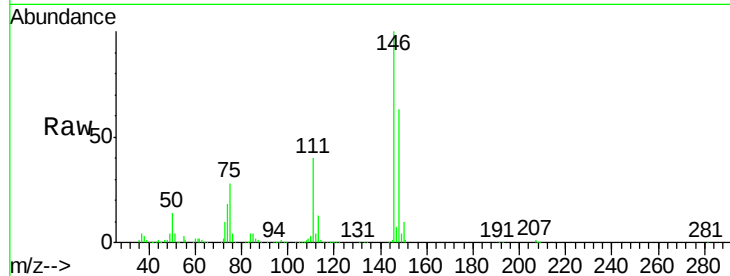
ClientSampleId :

VX0511WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 134528 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.6  | 20.2  | 60.6   |
| 148       | 64.4  | 32.1  | 96.3   |

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#88

1,4-Dichlorobenzene

Concen: 18.140 ug/l

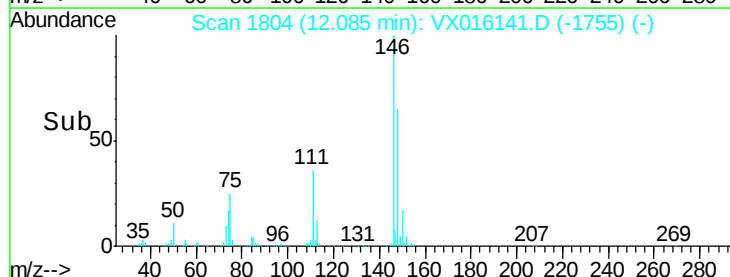
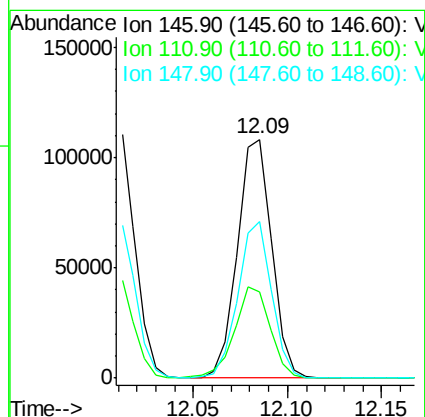
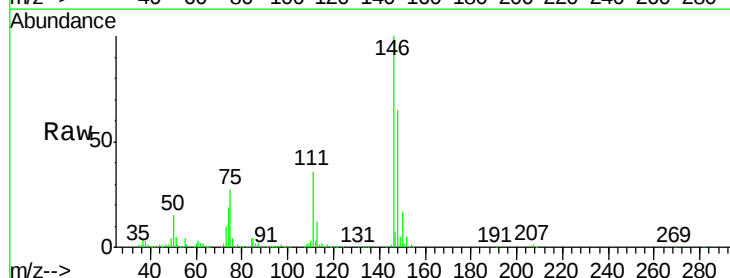
RT: 12.09 min Scan# 1804

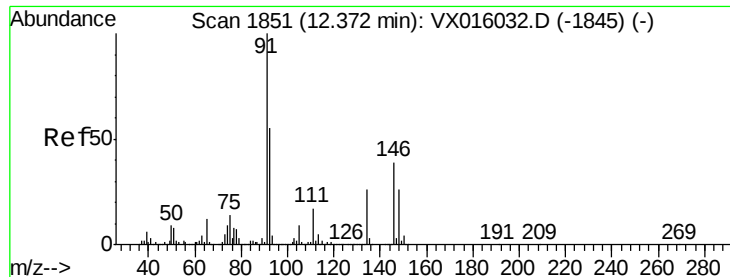
Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 136817 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.1  | 19.6  | 58.7   |
| 148       | 64.8  | 31.8  | 95.3   |





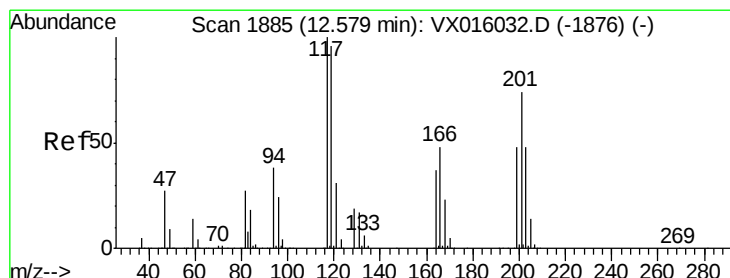
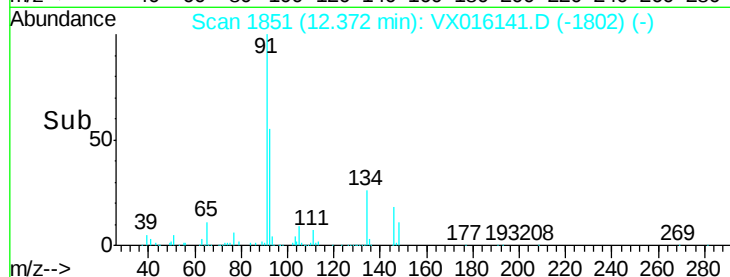
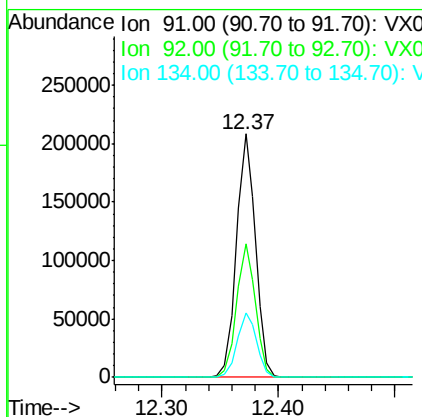
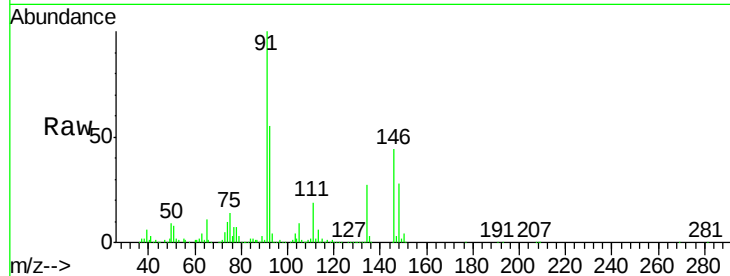
#89  
n-Butylbenzene  
Concen: 17.781 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.3  | 27.6  | 82.7  |
| 134     | 26.9  | 13.4  | 40.1  |

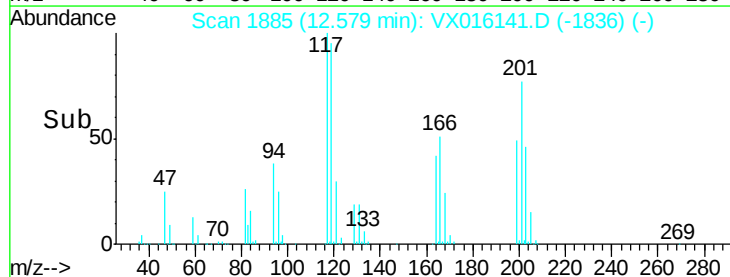
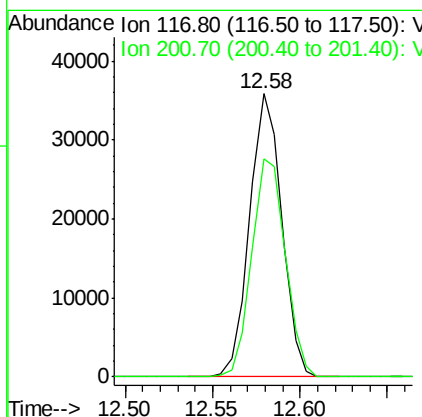
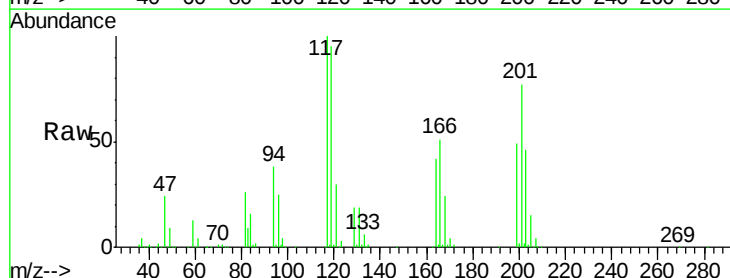
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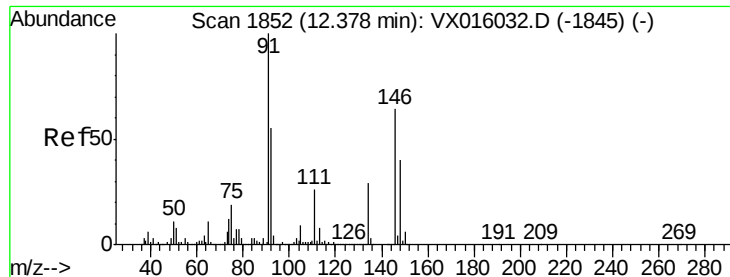
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#90  
Hexachloroethane  
Concen: 18.246 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 80.7  | 39.8  | 119.3 |





#91

1,2-Dichlorobenzene

Concen: 18.403 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA\_X

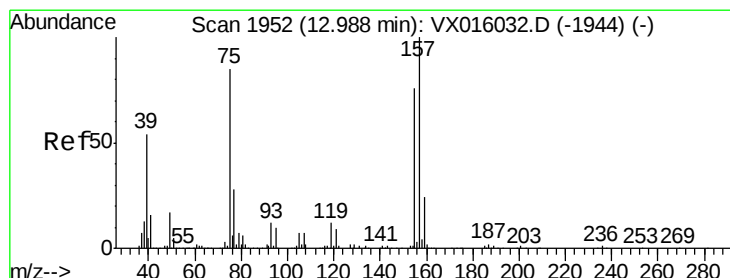
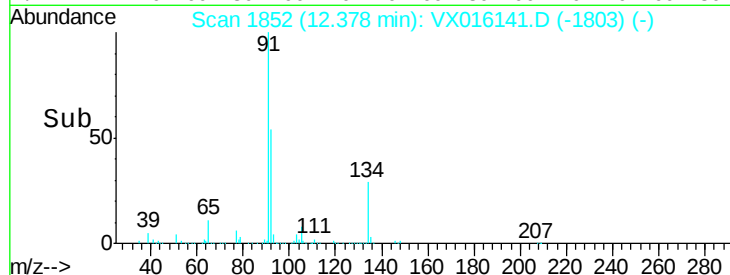
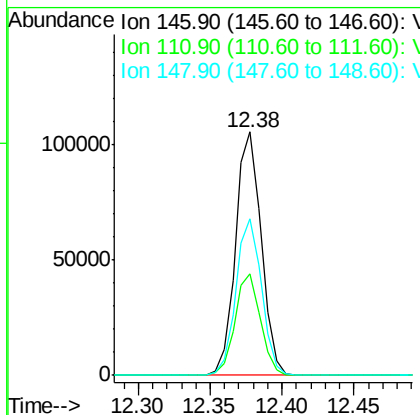
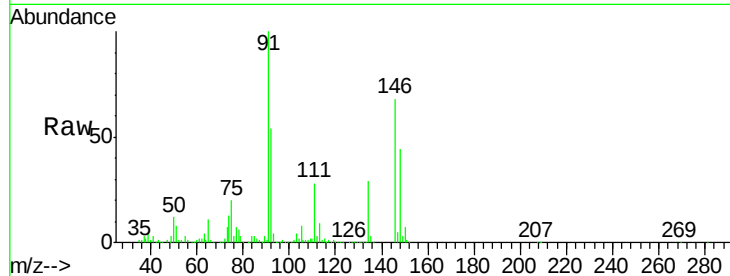
ClientSampleId :

VX0511WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 131684 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.5  | 21.1  | 63.1   |
| 148       | 64.3  | 32.4  | 97.0   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.252 ug/l

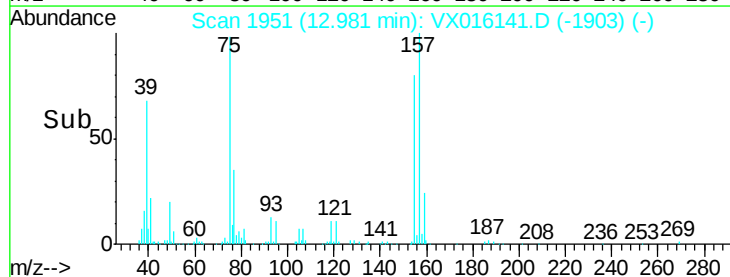
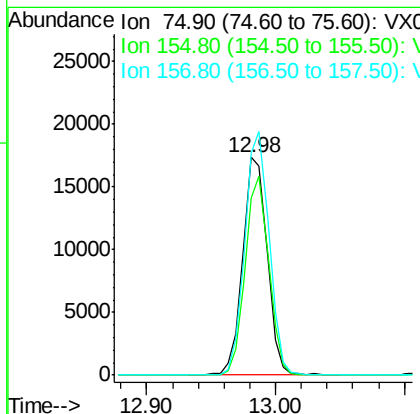
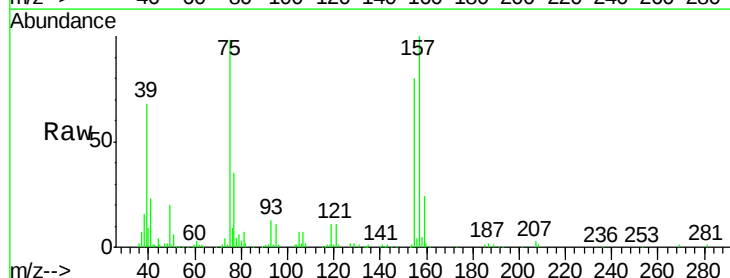
RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 22746 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 87.2  | 42.5  | 127.5 |
| 157       | 109.7 | 55.3  | 165.8 |





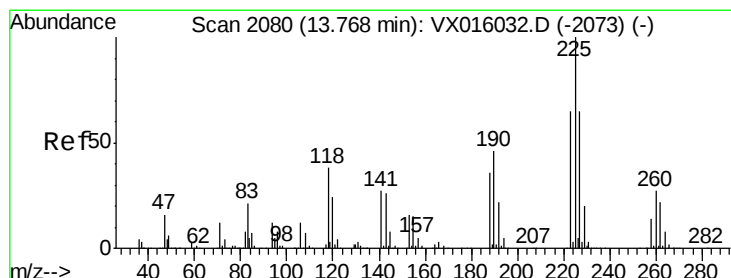
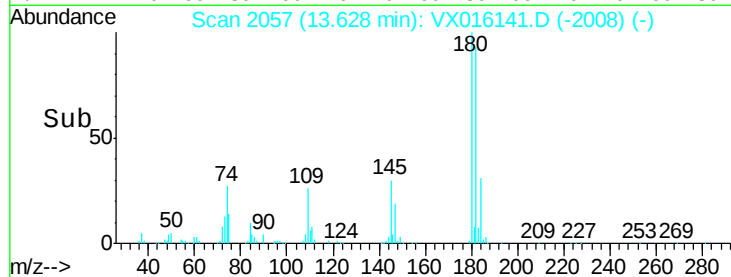
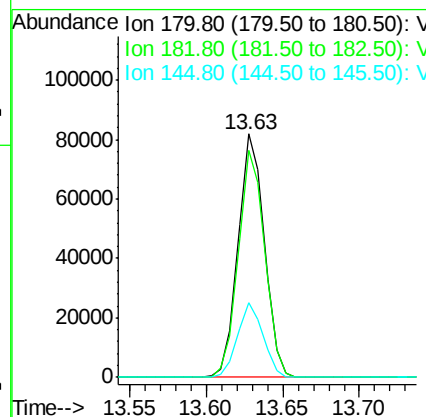
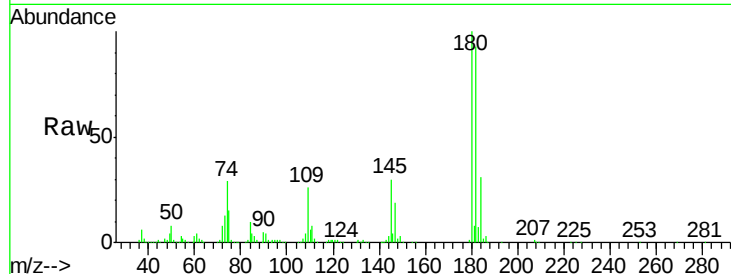
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.369 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0511WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 97313 |       |       |
| 182     | 93.8  | 48.7  | 146.1 |       |
| 145     | 29.8  | 15.7  | 47.1  |       |

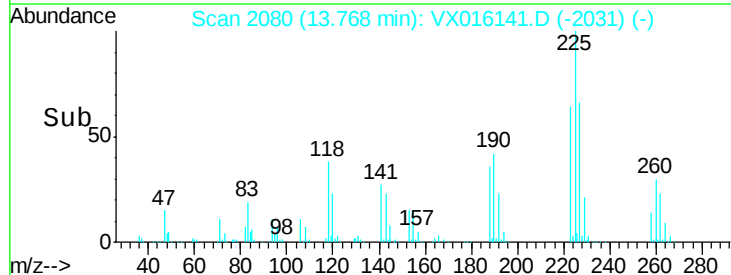
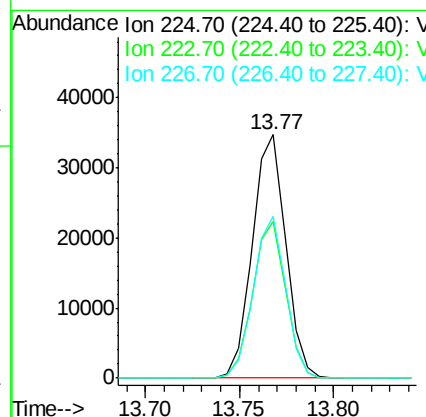
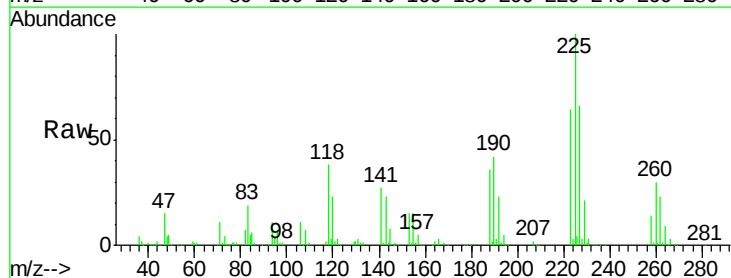
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#94  
 Hexachlorobutadiene  
 Concen: 19.022 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX016141.D  
 Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 42644 |       |       |
| 223     | 63.5  | 32.3  | 96.9  |       |
| 227     | 64.4  | 31.8  | 95.4  |       |





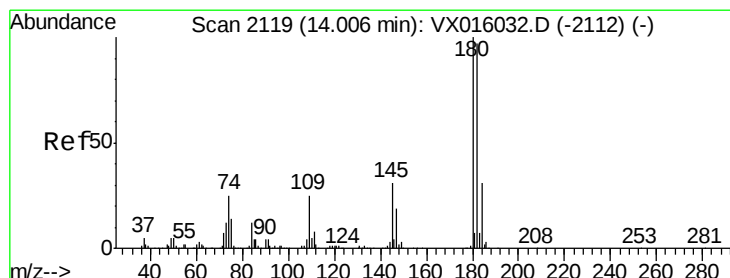
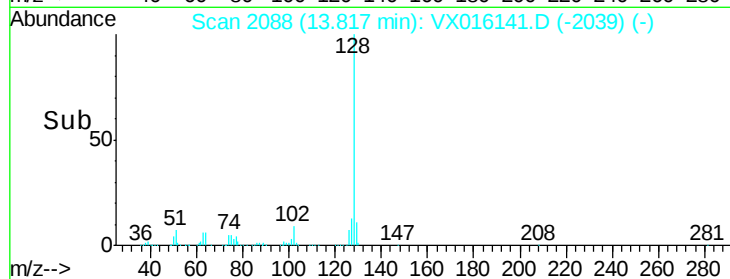
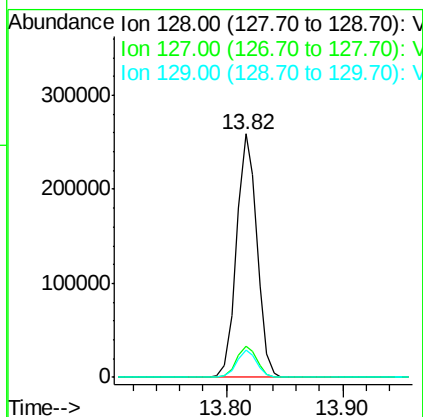
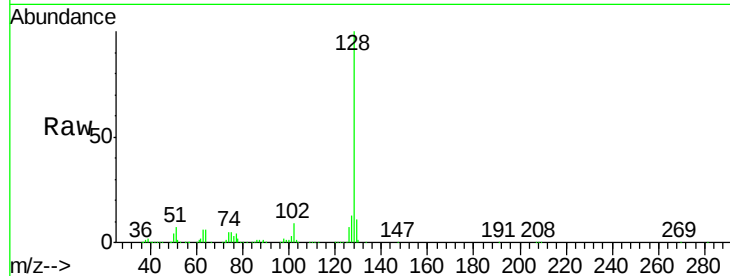
#95  
Naphthalene  
Concen: 18.443 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0511WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.2  | 15.4  |
| 129     | 10.9  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.554 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. -0.00 min  
Lab File: VX016141.D  
Acq: 11 May 2020 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 48.4  | 145.0 |
| 145     | 31.6  | 16.4  | 49.1  |

