

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\  
 Data File : VX016053.D  
 Acq On : 05 May 2020 11:10  
 Operator : JC/SP  
 Sample : VX0505WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sample ID :  
 VX0505WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/6/2020 12:27:00 PM

Quant Time: May 06 06:18:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:10:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 329198   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 516182   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 471175   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 235197   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 193176   | 44.59 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.18% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 148311   | 45.35 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.70% |      |
| 50) Toluene-d8            | 8.70   | 98  | 590633   | 46.87 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.74% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 219102   | 45.72 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.44% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 63714  | 18.285 | ug/l | 100    |
| 3) Chloromethane              | 1.31 | 50  | 69173  | 17.094 | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 74844  | 17.336 | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 50229  | 23.077 | ug/l | 96     |
| 6) Chloroethane               | 1.71 | 64  | 47397  | 18.043 | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 100339 | 17.703 | ug/l | 97     |
| 8) Diethyl Ether              | 2.17 | 74  | 41439  | 17.352 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 59634  | 18.236 | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 69360  | 15.791 | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.01 | 59  | 88284  | 80.593 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 59744  | 17.459 | ug/l | 94     |
| 13) Acrolein                  | 2.27 | 56  | 49491  | 72.199 | ug/l | 100    |
| 14) Allyl chloride            | 2.70 | 41  | 108189 | 17.243 | ug/l | 99     |
| 15) Acrylonitrile             | 3.11 | 53  | 189466 | 83.374 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 164383 | 85.047 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 184630 | 17.833 | ug/l | 98     |
| 18) Methyl Acetate            | 2.75 | 43  | 79430  | 16.714 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 207978 | 17.630 | ug/l | 98     |
| 20) Methylene Chloride        | 2.83 | 84  | 66645  | 16.726 | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 64538  | 16.924 | ug/l | 98     |
| 22) Diisopropyl ether         | 3.82 | 45  | 207947 | 17.567 | ug/l | 89     |
| 23) Vinyl Acetate             | 3.78 | 43  | 913385 | 87.706 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 116416 | 17.581 | ug/l | 99     |
| 25) 2-Butanone                | 4.63 | 43  | 260524 | 83.646 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 106299 | 17.578 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 74377  | 17.840 | ug/l | 96     |
| 28) Bromochloromethane        | 4.98 | 49  | 56218  | 18.619 | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 171633 | 83.166 | ug/l | 99     |
| 30) Chloroform                | 5.17 | 83  | 114932 | 17.432 | ug/l | 100    |
| 31) Cyclohexane               | 5.55 | 56  | 108432 | 18.018 | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 105982 | 17.685 | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 89810  | 17.675 | ug/l | 98     |
| 37) Ethyl Acetate             | 4.79 | 43  | 102101 | 17.337 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 92497  | 17.910 | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\  
 Data File : VX016053.D  
 Acq On : 05 May 2020 11:10  
 Operator : JC/SP  
 Sample : VX0505WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0505WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/6/2020 12:27:00 PM

Quant Time: May 06 06:18:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:10:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 111521   | 18.225  | ug/l   | 97       |
| 40) Benzene                    | 6.11  | 78   | 265472   | 17.856  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.99  | 41   | 55263    | 17.376  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 95534    | 17.838  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.41  | 43   | 163639   | 17.415  | ug/l   | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 96571    | 18.284  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 67554    | 17.958  | ug/l   | 99       |
| 46) Dibromomethane             | 7.63  | 93   | 45775    | 17.906  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.87  | 83   | 92515    | 17.769  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 75463    | 16.949  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 35224    | 329.863 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 498436   | 86.685  | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 167628   | 18.089  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 108229   | 17.434  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 113563   | 17.514  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 65108    | 17.858  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 105010   | 17.645  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 112499   | 17.684  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 280547   | 88.548  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 387115   | 85.728  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.56  | 129  | 70549    | 17.569  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 68320    | 17.300  | ug/l   | 97       |
| 64) Tetrachloroethene          | 9.32  | 164  | 108009   | 18.673  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.12 | 112  | 178436   | 18.086  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 64973    | 17.818  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.23 | 91   | 320063   | 18.182  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 243837   | 36.972  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 115609   | 18.236  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 189808   | 17.648  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 50585    | 17.027  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 307528   | 17.977  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 138197   | 17.319  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 48029    | 16.684  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 94382m   | 17.684  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 77117    | 17.465  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 355840   | 17.880  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 206981   | 17.620  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 260932   | 18.065  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 38241    | 17.075  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 247254   | 17.824  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 220622   | 17.724  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 264326   | 18.101  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 300617   | 17.887  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 280383   | 17.969  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 137809   | 17.382  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 139993   | 17.397  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 247595   | 17.369  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 47219    | 17.620  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 132795   | 17.395  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 22961    | 16.323  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050520\  
Data File : VX016053.D  
Acq On : 05 May 2020 11:10  
Operator : JC/SP  
Sample : VX0505WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

Manual Integrations  
APPROVED

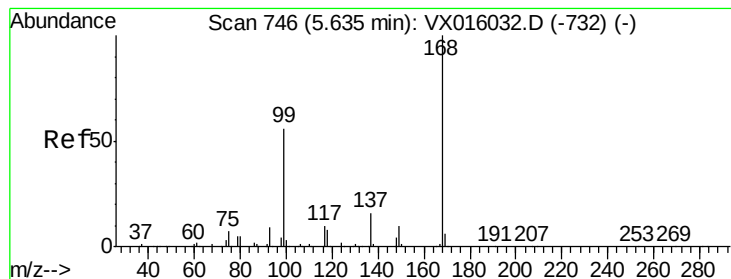
MMDadoda  
5/6/2020 12:27:00 PM

Quant Time: May 06 06:18:58 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:10:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 97727    | 17.291 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 45594    | 19.061 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 311541   | 17.023 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 95750    | 17.334 | ug/l  | 99       |

(#) = 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: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion:168 Resp: 329198

Ion Ratio Lower Upper

168 100

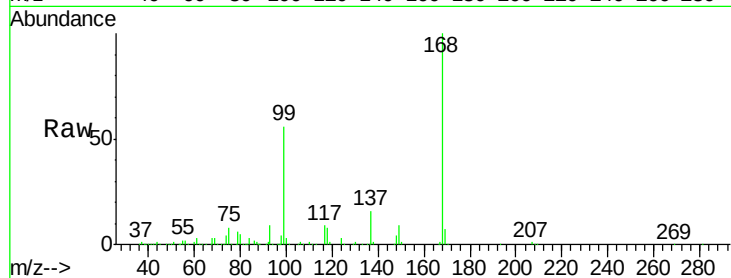
99 55.9 45.0 67.4

Manual Integrations

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5/6/2020 12:27:00 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

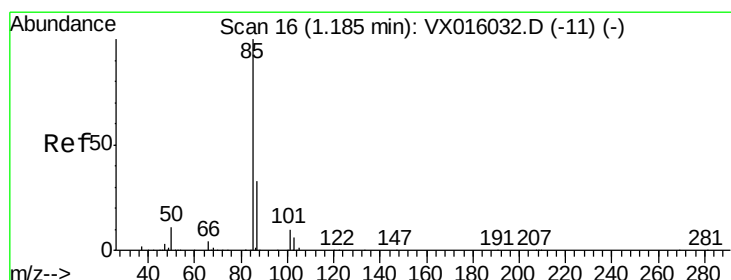
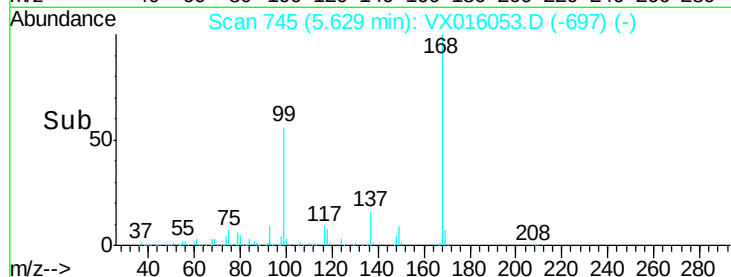
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.285 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016053.D

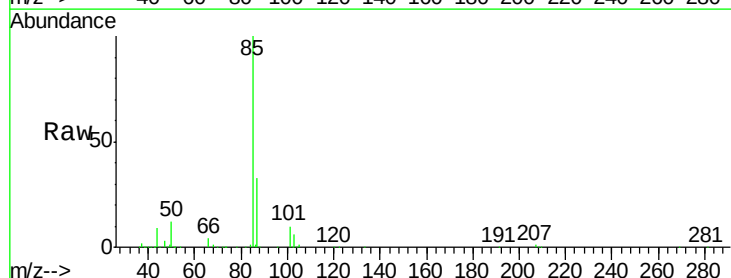
Acq: 05 May 2020 11:10

Tgt Ion: 85 Resp: 63714

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

80000

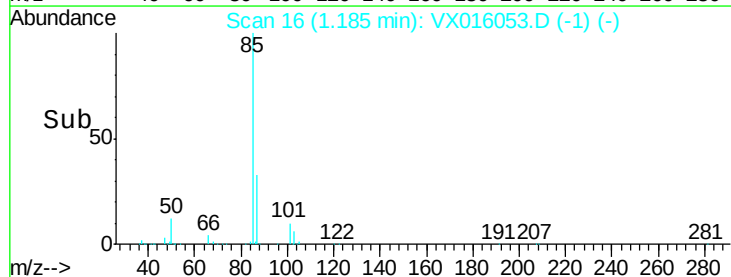
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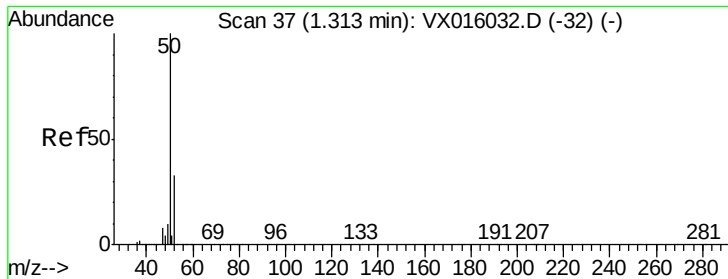
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20000

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Time-->





#3

Chloromethane

Concen: 17.094 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBS01

Tot Ion: 50 Resp: 69173

Ion Ratio Lower Upper

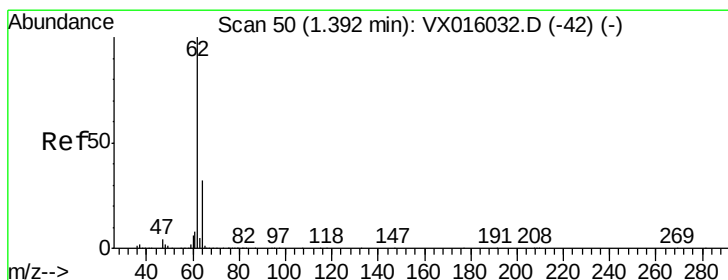
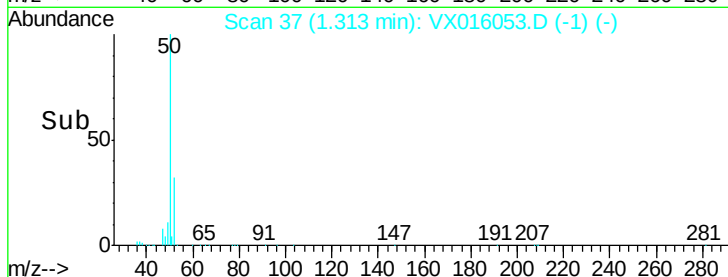
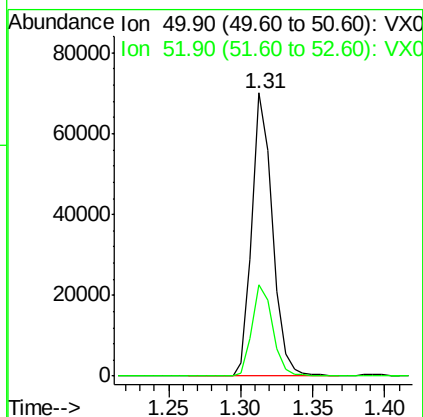
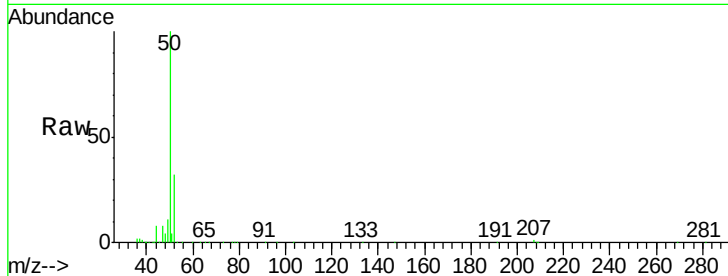
50 100

52 32.4 26.1 39.1

Manual Integrations  
APPROVED

MMDadoda

5/6/2020 12:27:00 PM



#4

Vinyl Chloride

Concen: 17.336 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016053.D

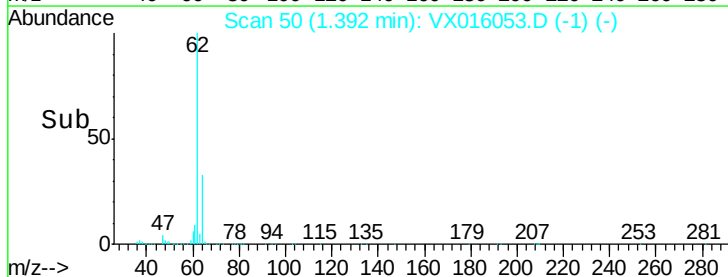
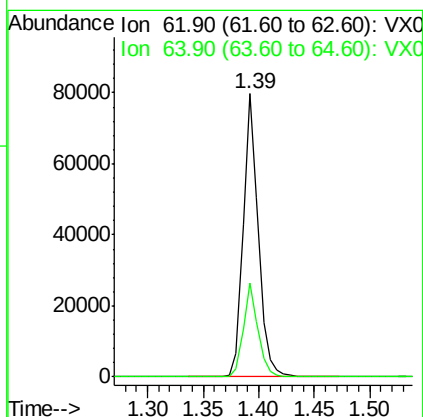
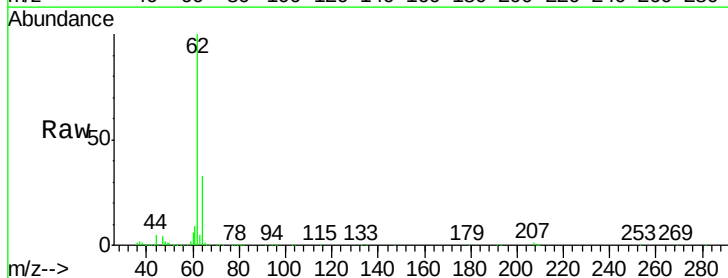
Acq: 05 May 2020 11:10

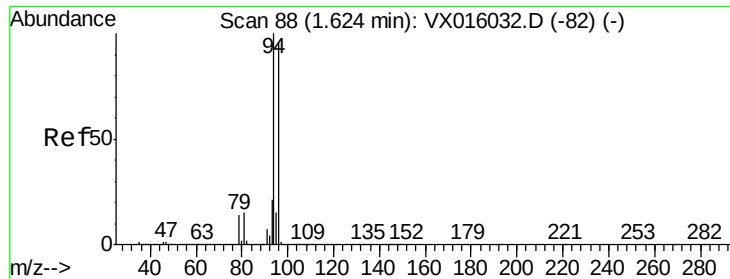
Tgt Ion: 62 Resp: 74844

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 23.077 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBS01

Tot Ion: 94 Resp: 50229

Ion Ratio Lower Upper

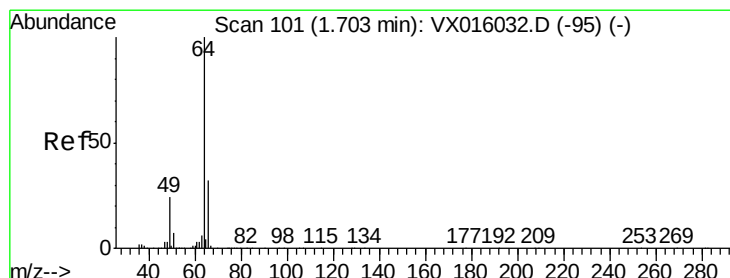
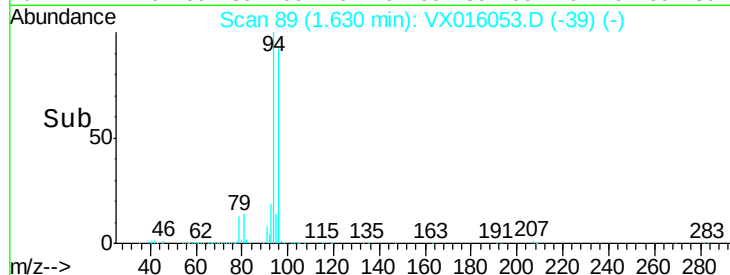
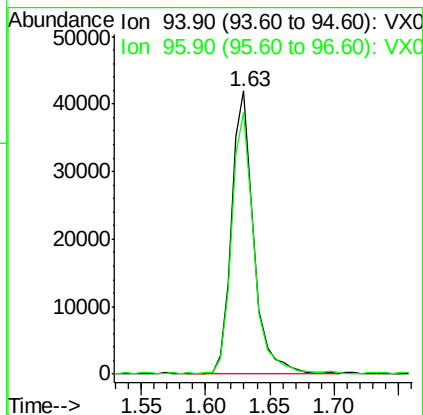
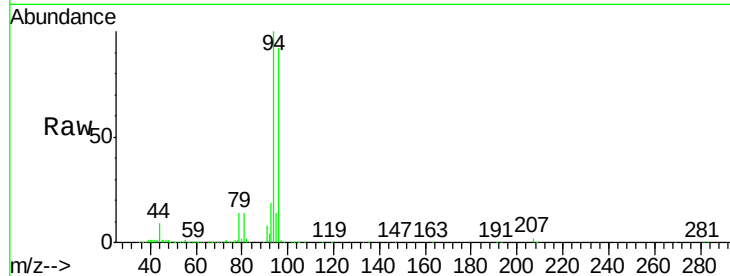
94 100

96 91.9 76.9 115.3

Manual Integrations  
APPROVED

MMDadoda

5/6/2020 12:27:00 PM



#6

Chloroethane

Concen: 18.043 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016053.D

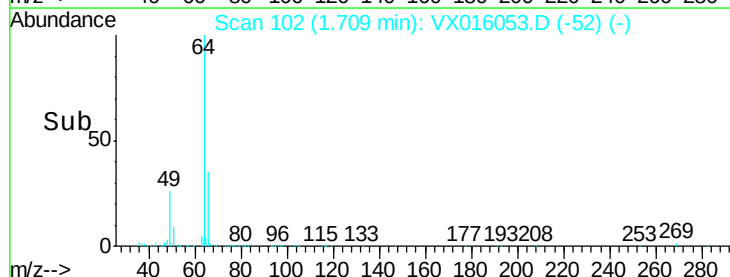
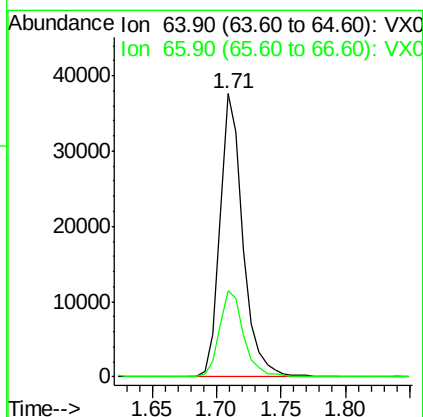
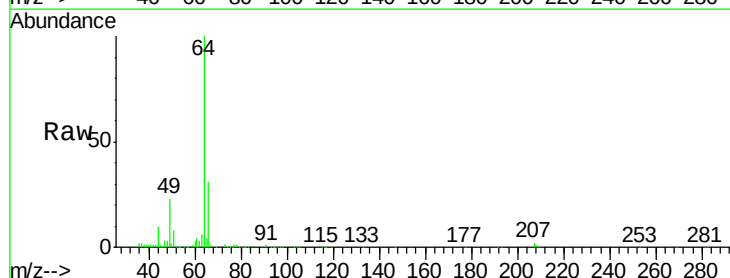
Acq: 05 May 2020 11:10

Tgt Ion: 64 Resp: 47397

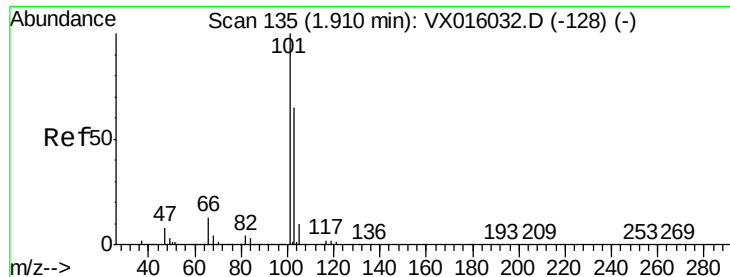
Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8







#7

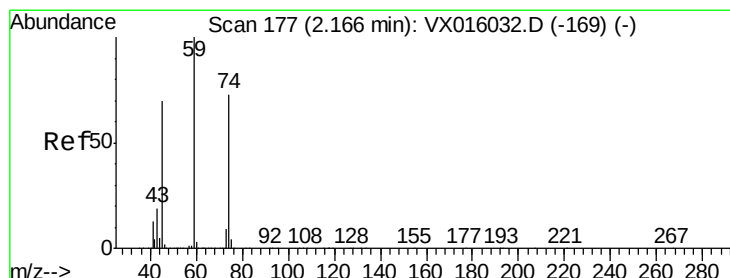
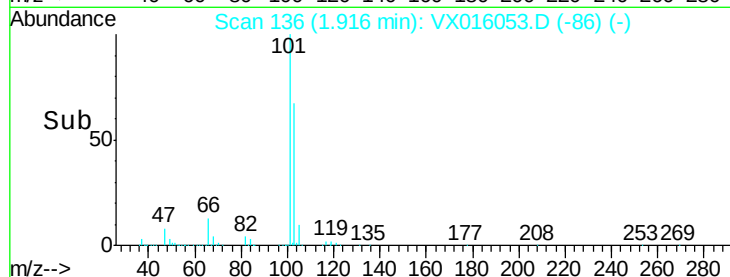
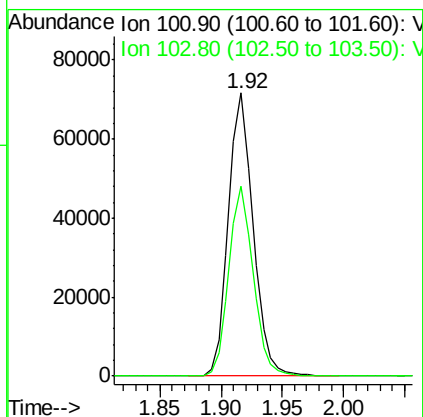
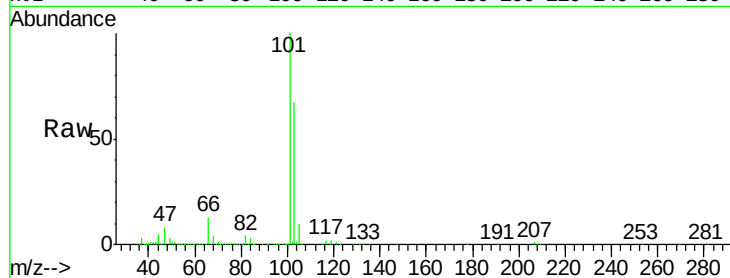
Trichlorofluoromethane  
Concen: 17.703 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 67.1  | 51.8  | 77.6  |

Manual Integrations  
APPROVED

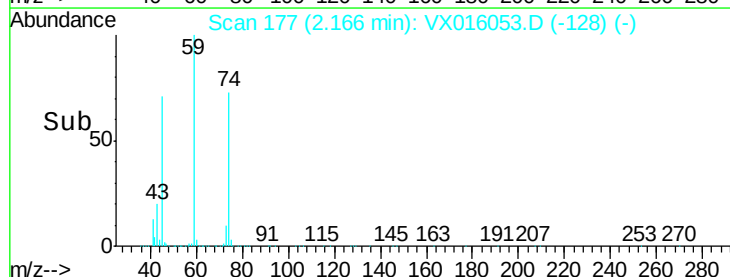
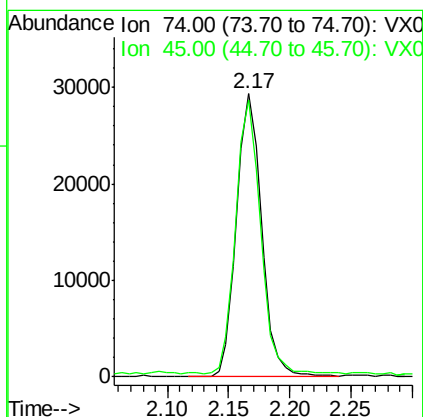
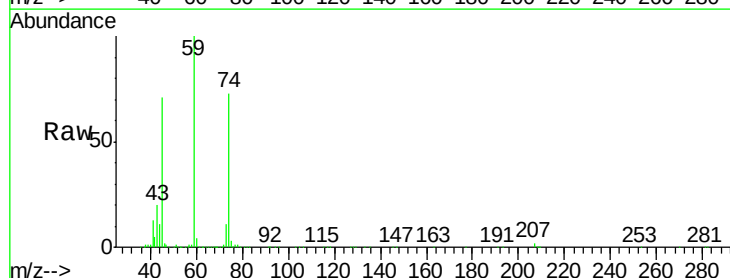
MMDadoda  
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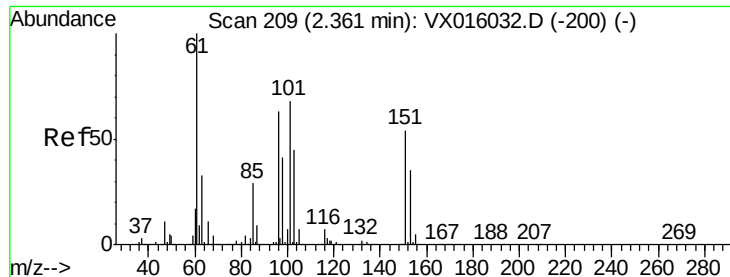
#8

Diethyl Ether  
Concen: 17.352 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.9  | 47.3  | 142.0 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.236 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

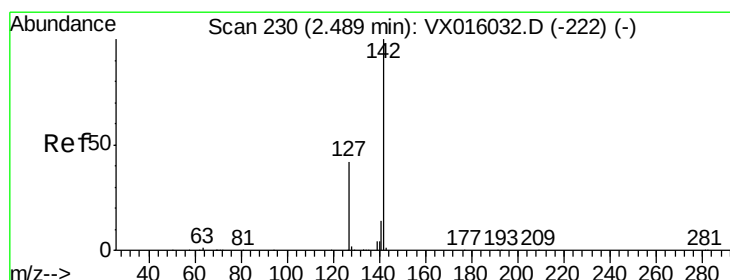
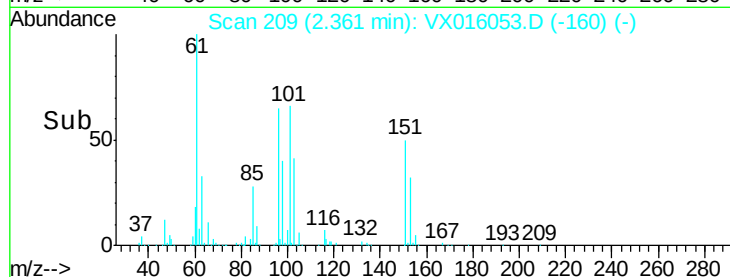
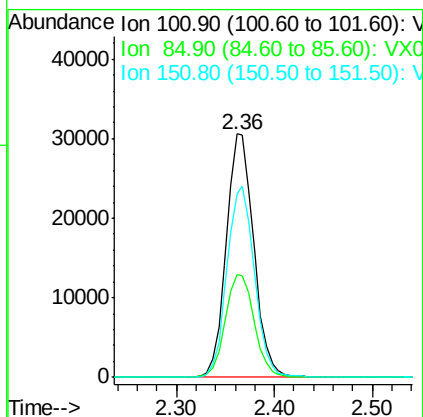
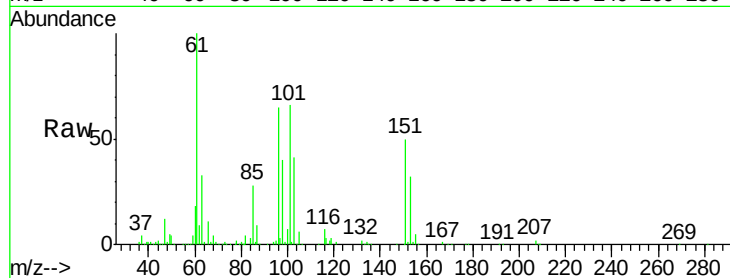
ClientSampleId :

VX0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 59634 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.1  | 34.2  | 51.4  |
| 151       | 78.5  | 62.1  | 93.1  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 15.791 ug/l

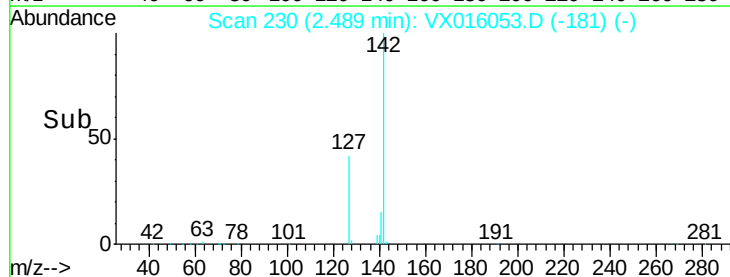
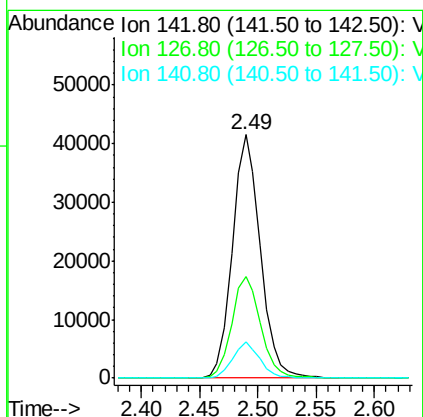
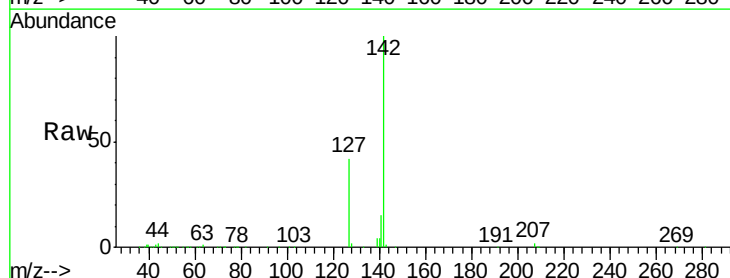
RT: 2.49 min Scan# 230

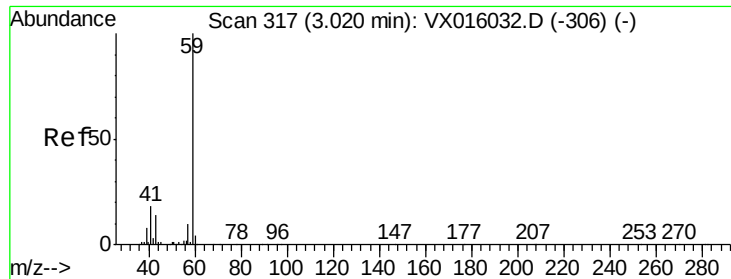
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 69360 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.2  | 34.6  | 52.0  |
| 141       | 14.4  | 11.3  | 16.9  |





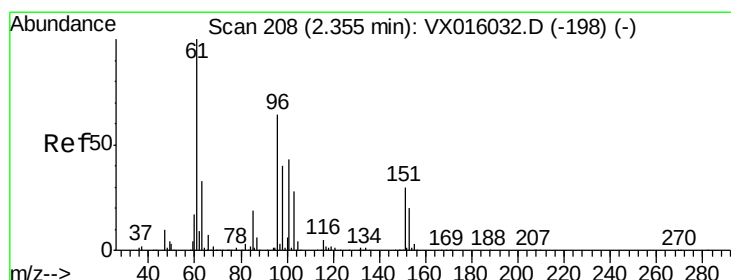
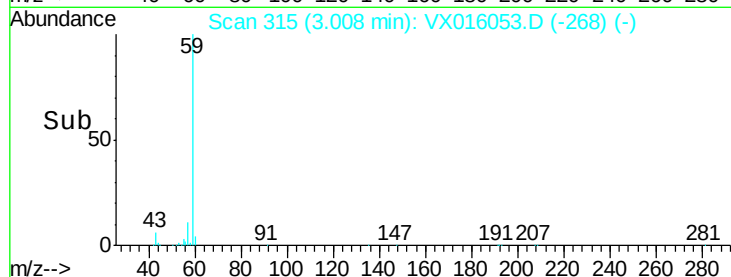
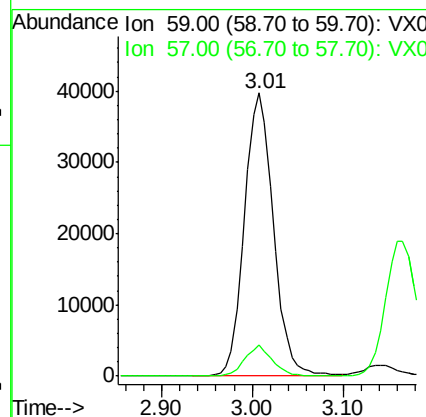
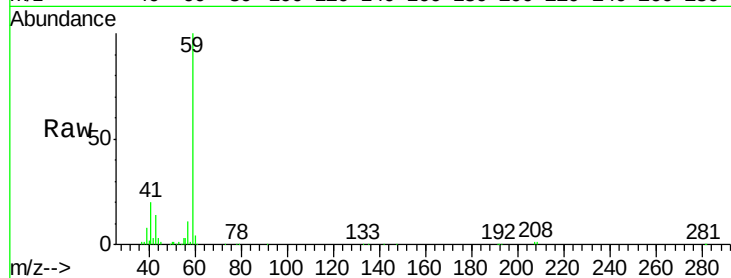
#11  
Tert butyl alcohol  
Concen: 80.593 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0505WBS01

Tot Ion: 59 Resp: 88284  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.4

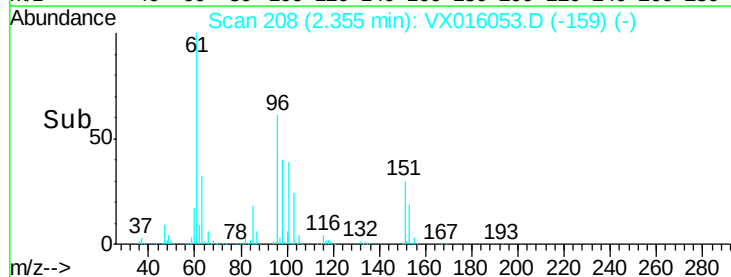
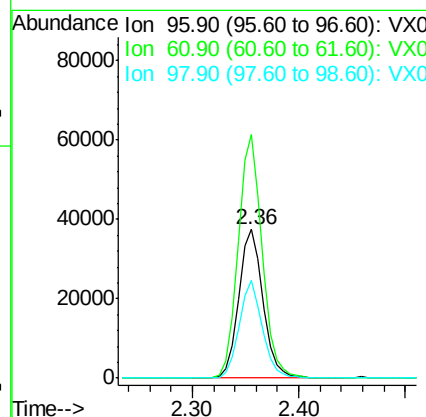
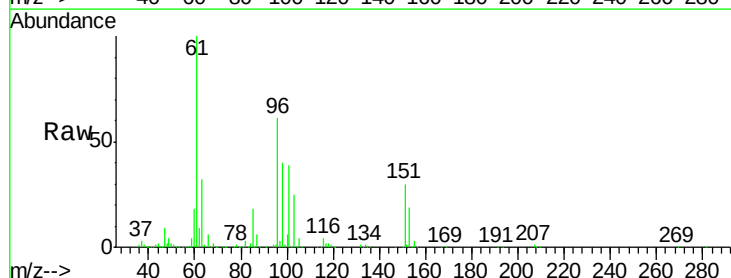
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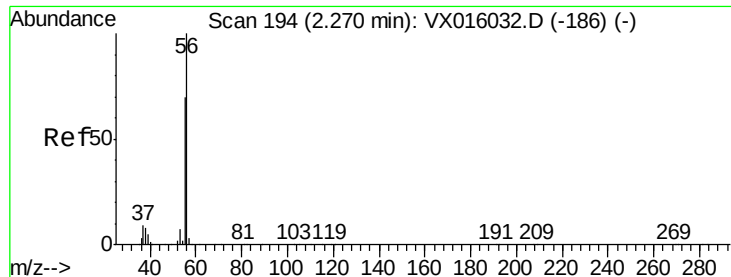
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#12  
1,1-Dichloroethene  
Concen: 17.459 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Tgt Ion: 96 Resp: 59744  
Ion Ratio Lower Upper  
96 100  
61 164.0 124.8 187.2  
98 66.0 49.7 74.5





#13

Acrolein

Concen: 72.199 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBS01

Tot Ion: 56 Resp: 49491

Ion Ratio Lower Upper

56 100

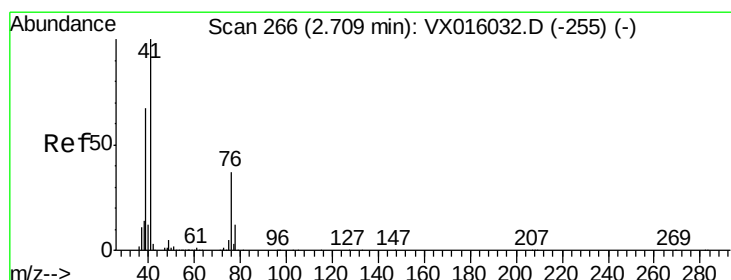
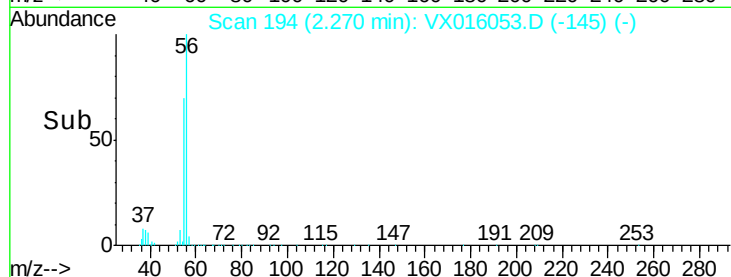
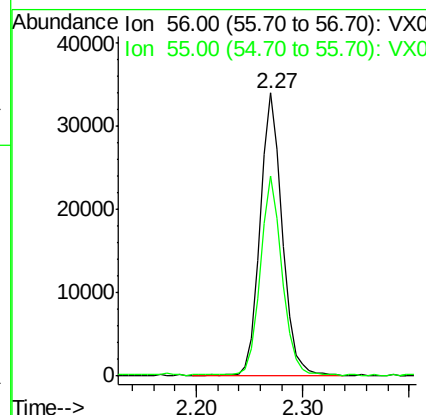
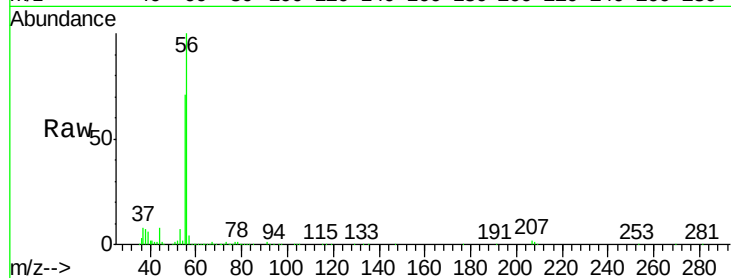
55 70.2 56.5 84.7

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#14

Allyl chloride

Concen: 17.243 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

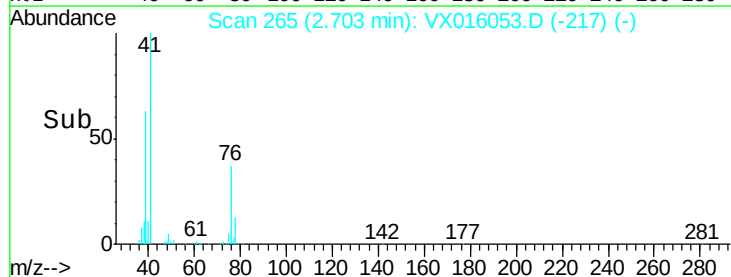
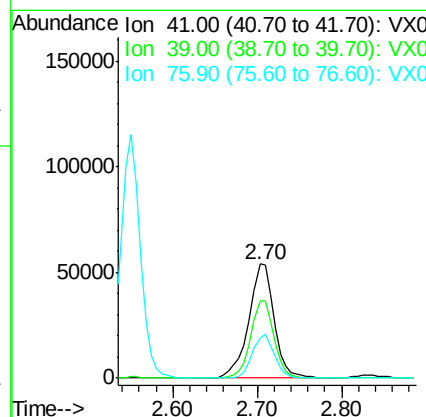
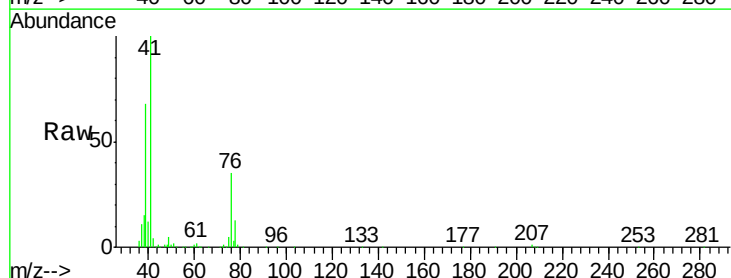
Tgt Ion: 41 Resp: 108189

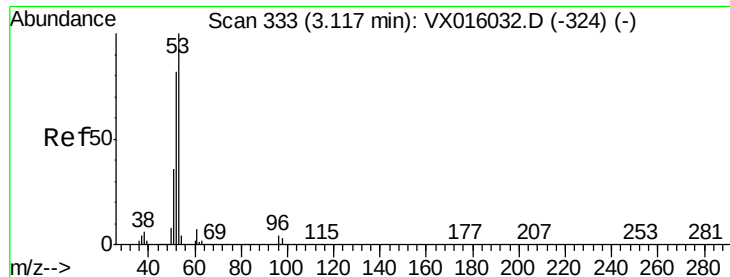
Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

76 33.4 26.6 40.0





#15

Acrylonitrile

Concen: 83.374 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

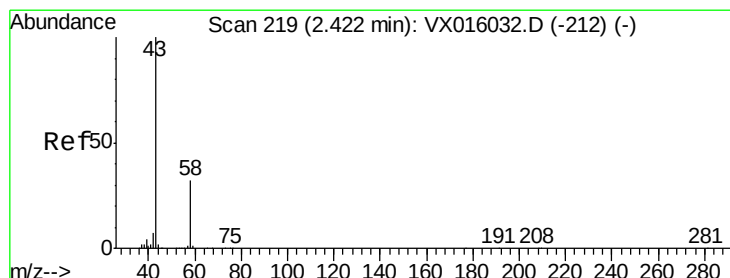
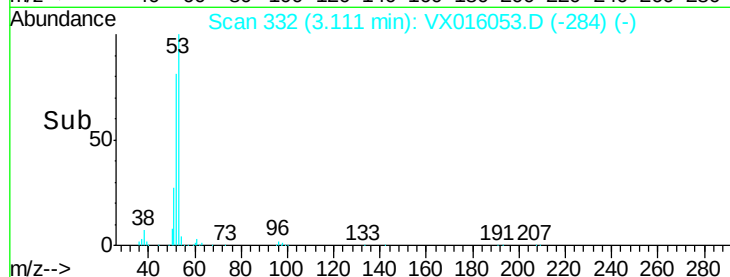
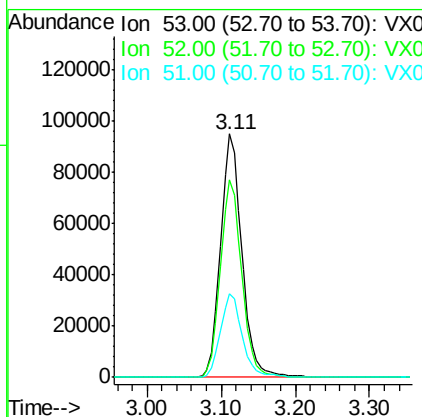
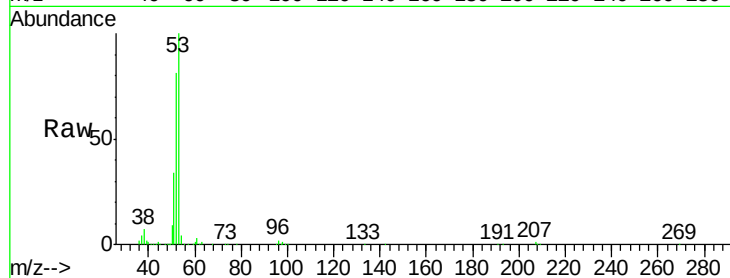
ClientSampleId :

VX0505WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 189466 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.4  | 66.1  | 99.1   |
| 51       | 35.4  | 28.8  | 43.2   |

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#16

Acetone

Concen: 85.047 ug/l

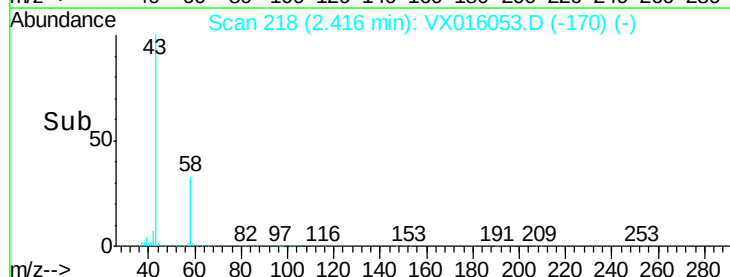
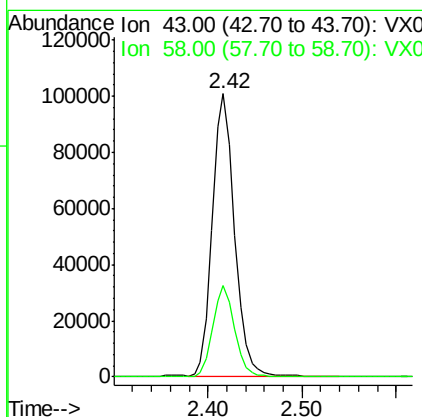
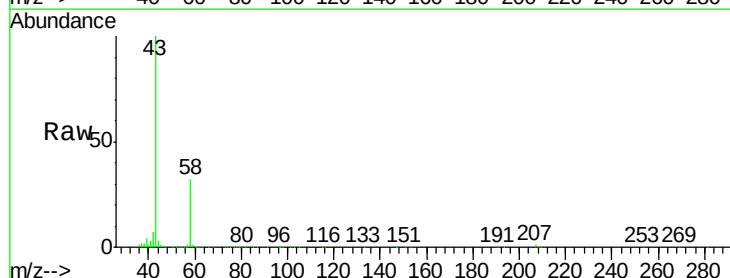
RT: 2.42 min Scan# 218

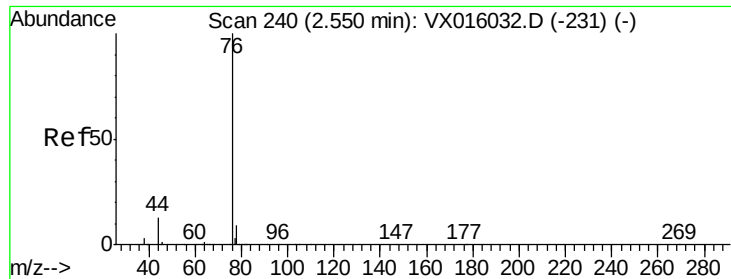
Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 164383 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.5  | 25.4  | 38.0   |





#17

Carbon Disulfide

Concen: 17.833 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion: 76 Resp: 184630

Ion Ratio Lower Upper

76 100

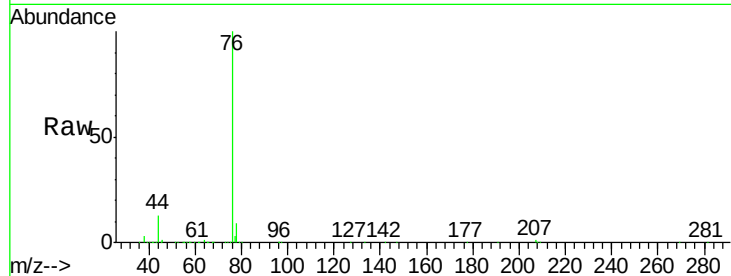
78 8.8 7.5 11.3

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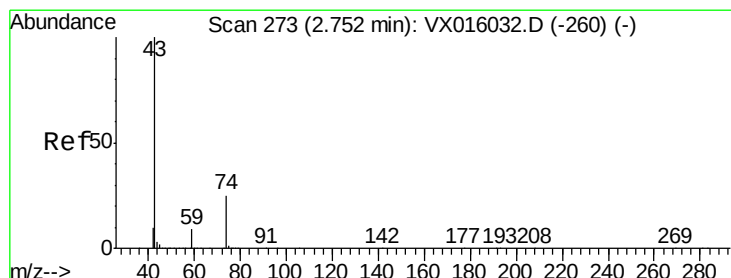
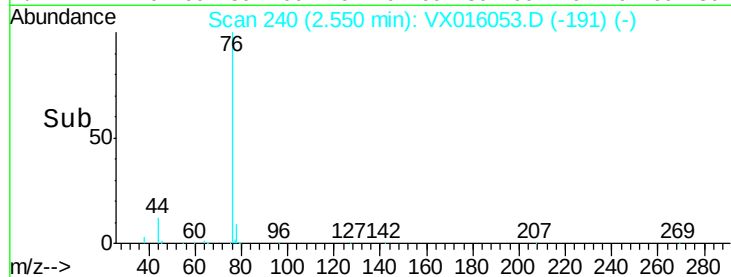
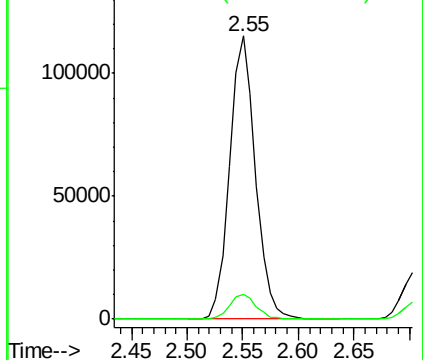
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.714 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016053.D

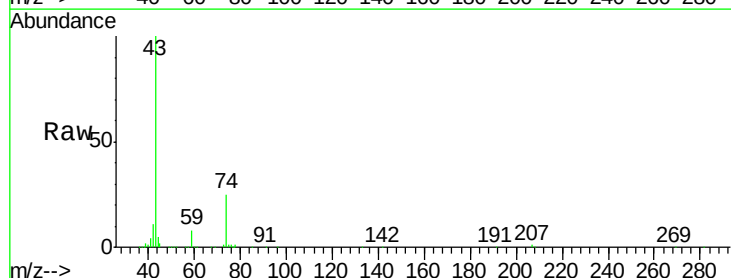
Acq: 05 May 2020 11:10

Tgt Ion: 43 Resp: 79430

Ion Ratio Lower Upper

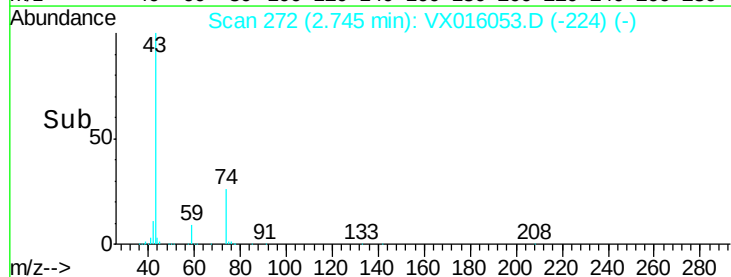
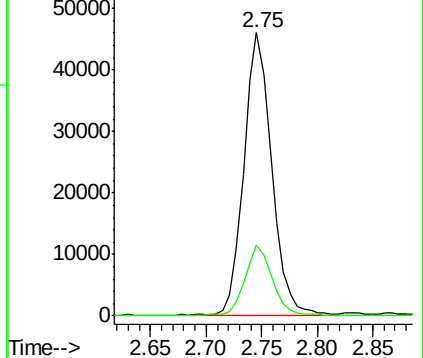
43 100

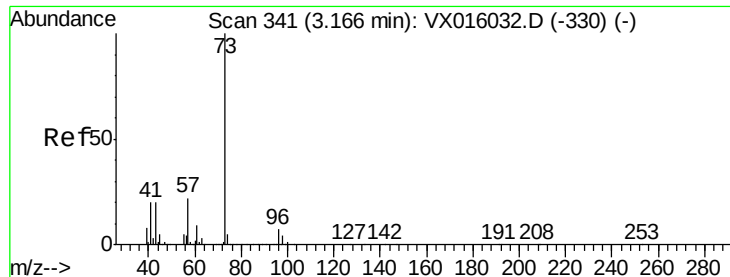
74 25.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





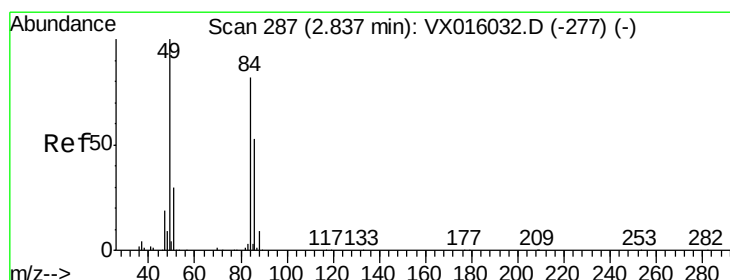
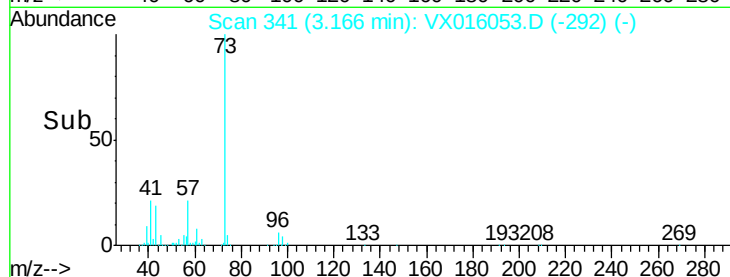
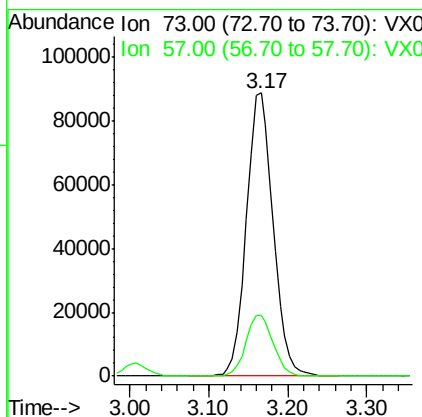
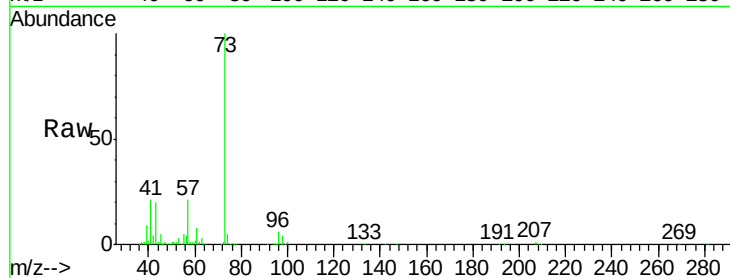
#19  
Methyl tert-butyl Ether  
Concen: 17.630 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.3  | 17.8  | 26.6  |

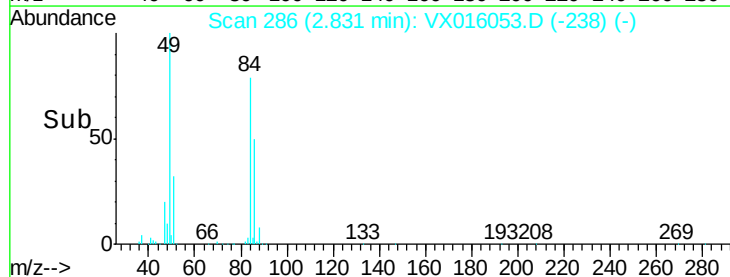
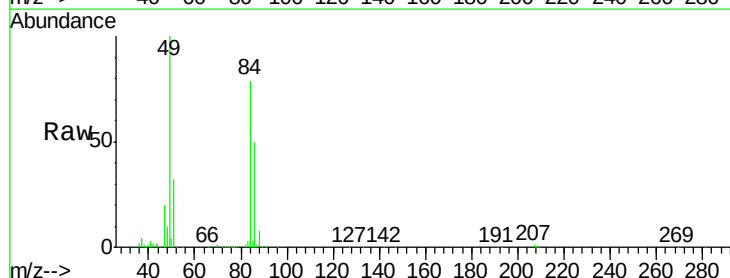
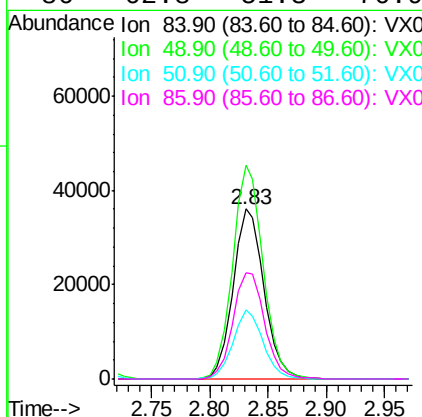
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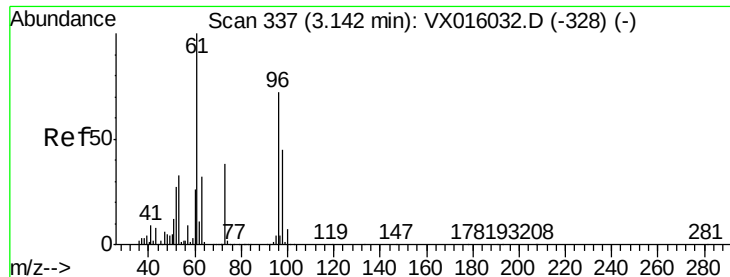
MMDadoda  
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#20  
Methylene Chloride  
Concen: 16.726 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 125.8 | 97.3  | 145.9 |
| 51      | 40.4  | 29.3  | 43.9  |
| 86      | 62.8  | 51.3  | 76.9  |





#21

trans-1,2-Dichloroethene

Concen: 16.924 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

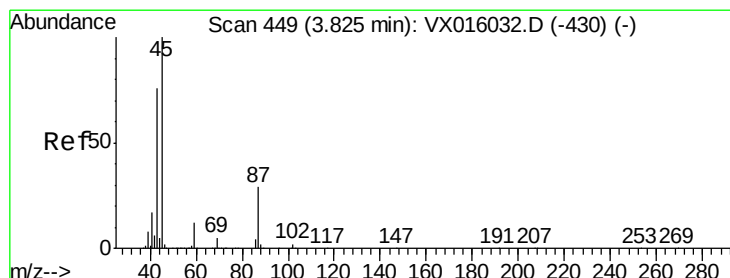
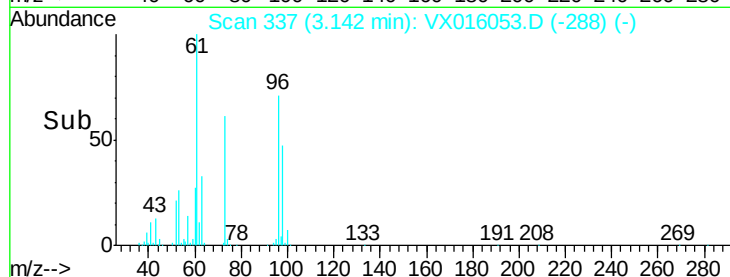
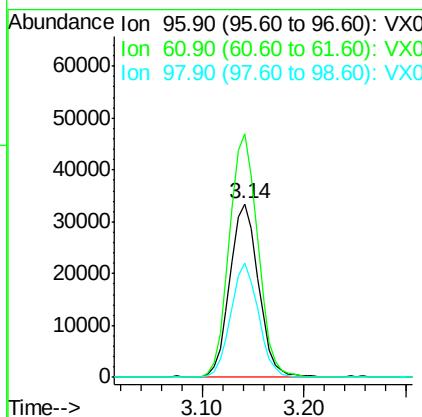
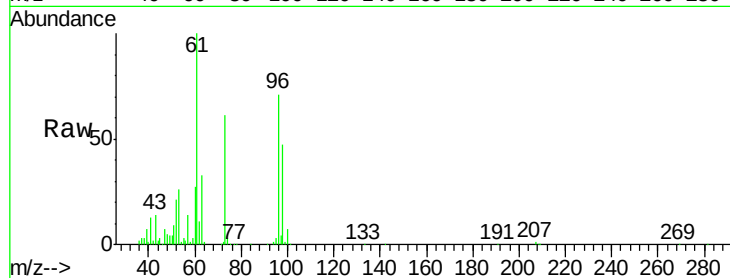
ClientSampleId :

VX0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 64538 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 140.8 | 111.2 | 166.8 |
| 98       | 66.3  | 50.2  | 75.4  |

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#22

Diisopropyl ether

Concen: 17.567 ug/l

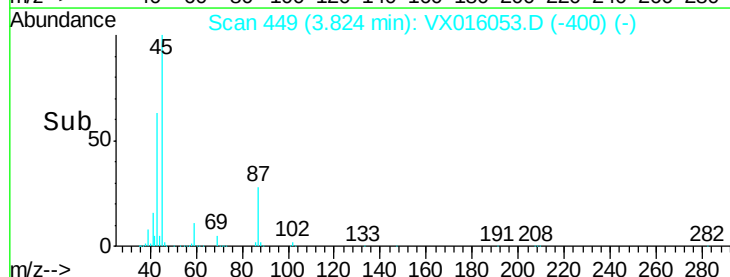
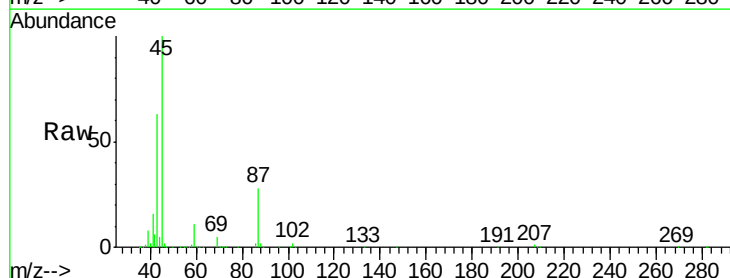
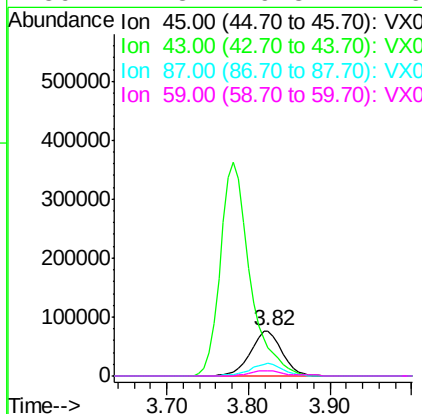
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

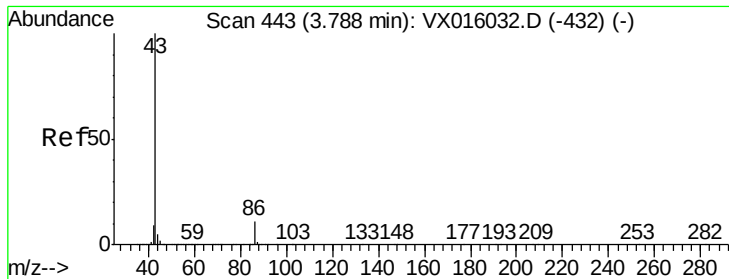
Lab File: VX016053.D

Acq: 05 May 2020 11:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 207947 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 62.7  | 61.1  | 91.7   |
| 87       | 27.6  | 23.0  | 34.6   |
| 59       | 11.3  | 9.8   | 14.6   |







#23

Vinyl Acetate

Concen: 87.706 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion: 43 Resp: 913385

Ion Ratio Lower Upper

43 100

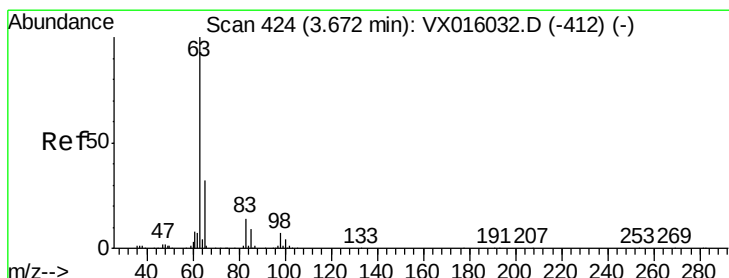
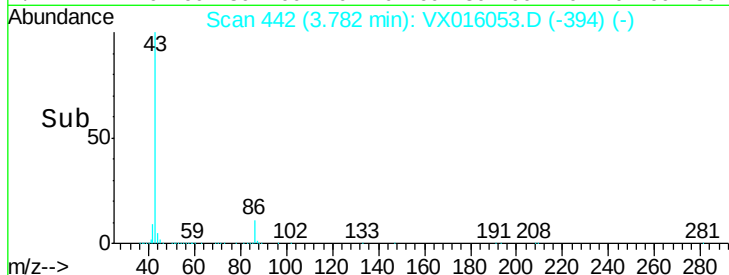
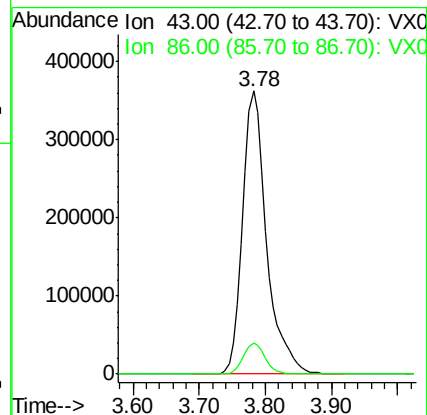
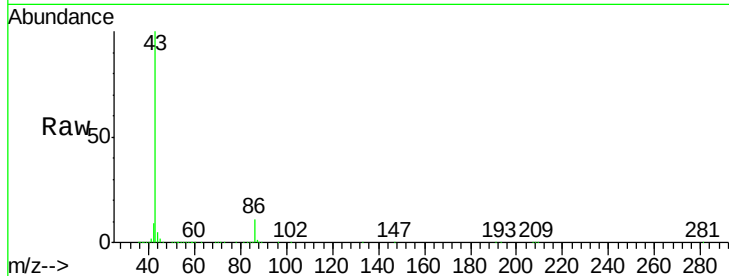
86 11.0 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.581 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

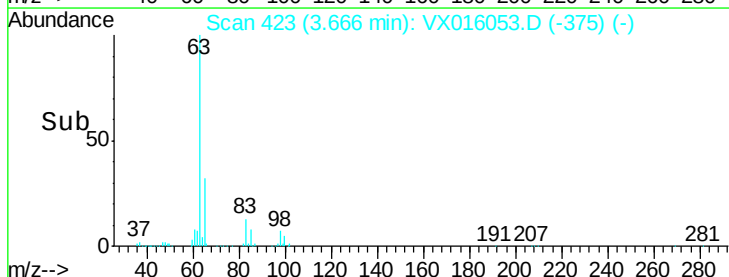
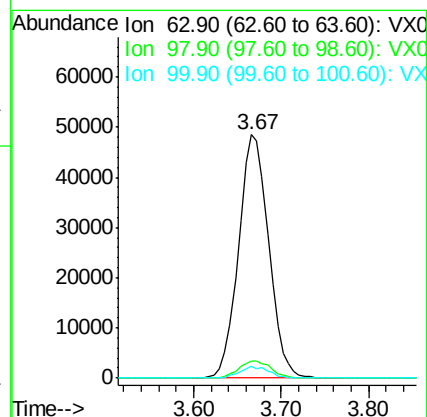
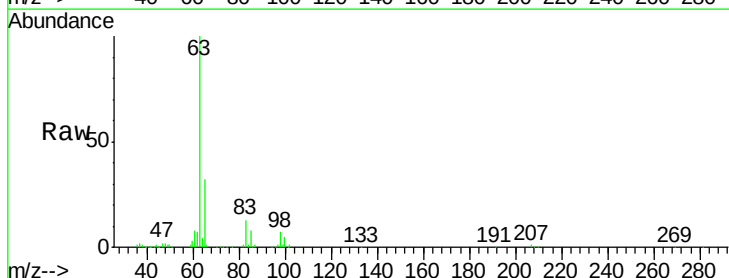
Tgt Ion: 63 Resp: 116416

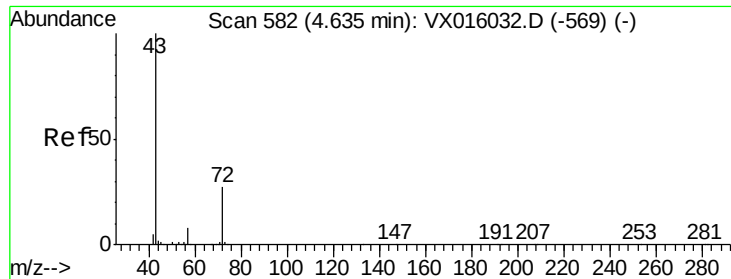
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 83.646 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion: 43 Resp: 260524

Ion Ratio Lower Upper

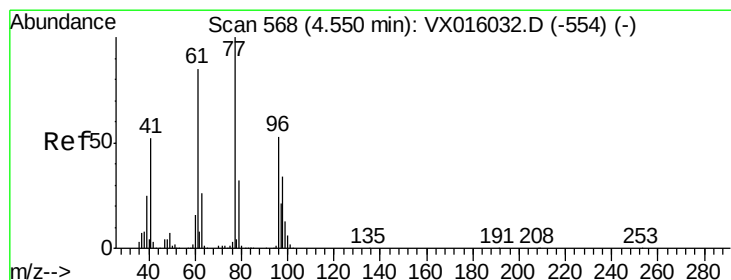
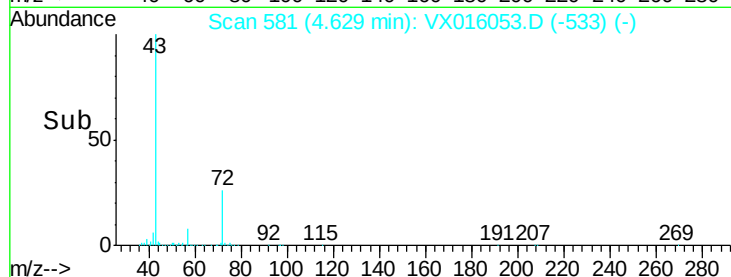
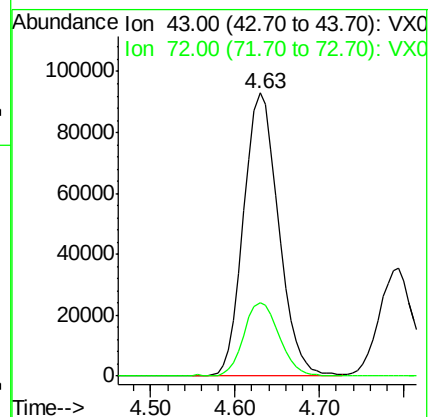
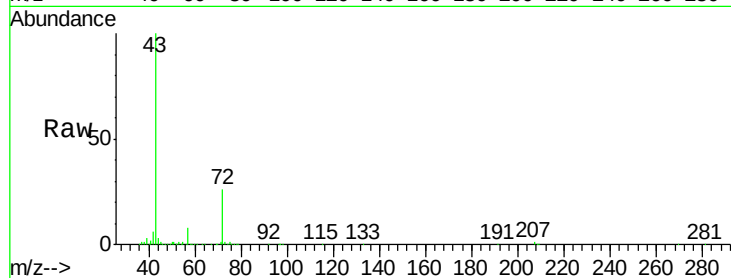
43 100

72 25.8 21.8 32.8

Manual Integrations  
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5/6/2020 12:27:00 PM



#26

2,2-Dichloropropane

Concen: 17.578 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016053.D

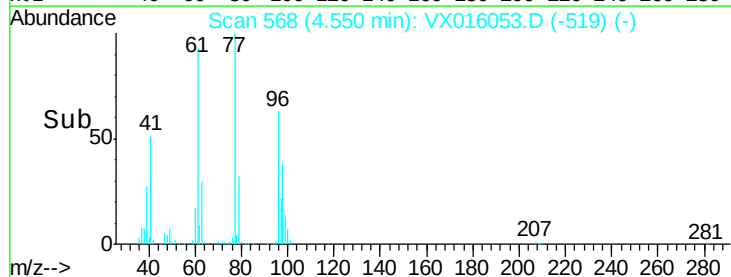
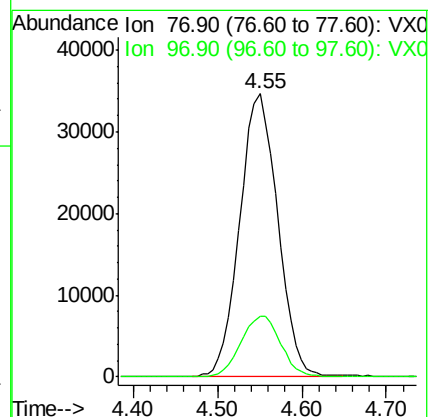
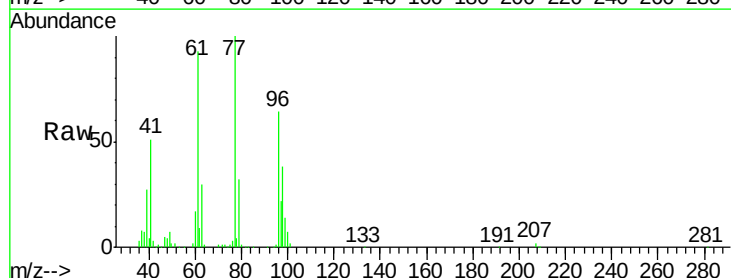
Acq: 05 May 2020 11:10

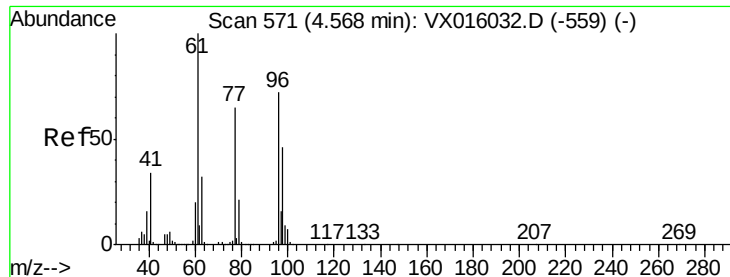
Tgt Ion: 77 Resp: 106299

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

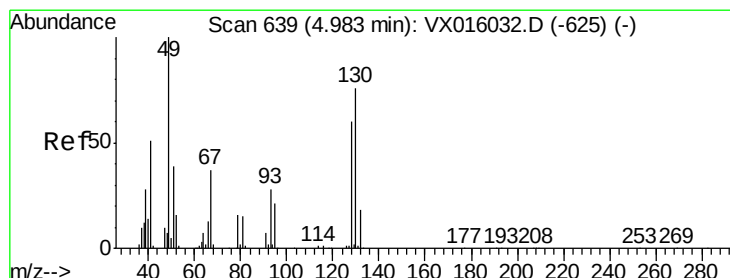
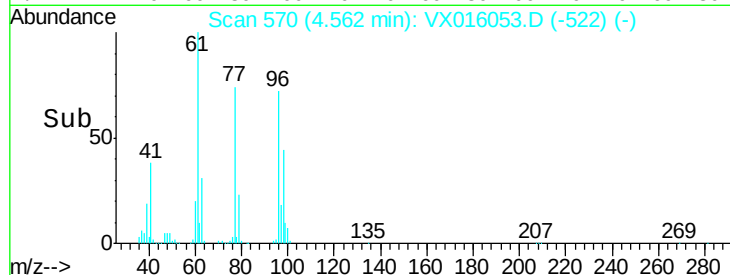
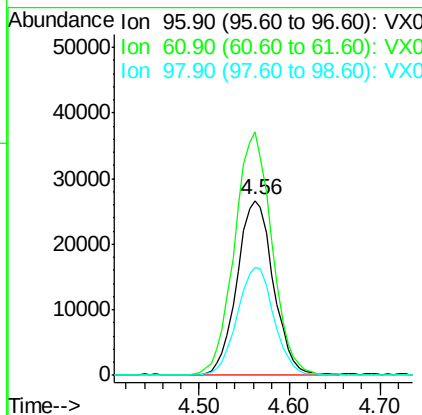
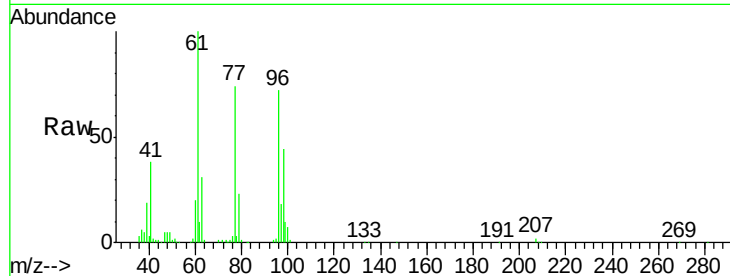
cis-1,2-Dichloroethene  
Concen: 17.840 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.2 | 0.0   | 296.2 |
| 98      | 62.1  | 0.0   | 129.4 |

Manual Integrations  
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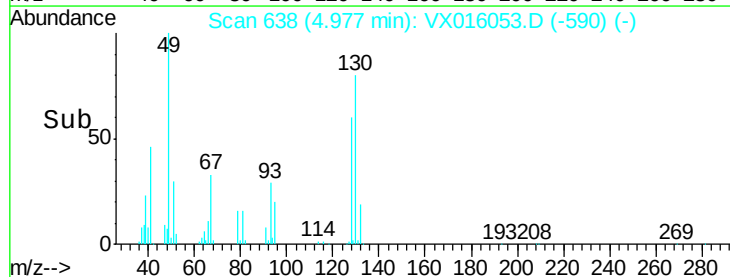
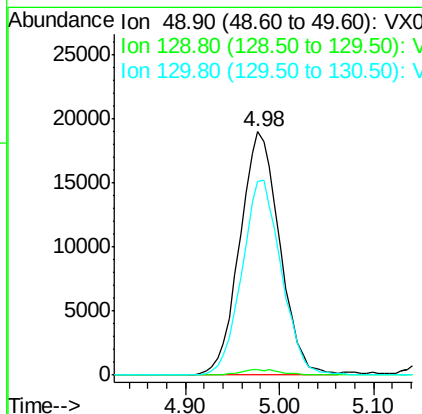
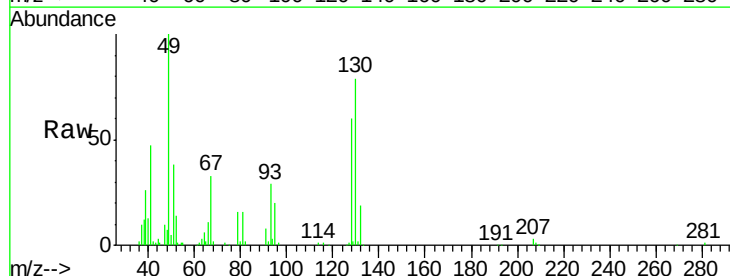
MMDadoda  
5/6/2020 12:27:00 PM

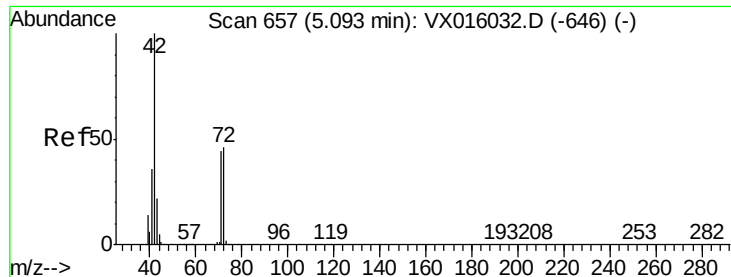


#28

Bromochloromethane  
Concen: 18.619 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.0   |
| 130     | 79.1  | 62.4  | 93.6  |





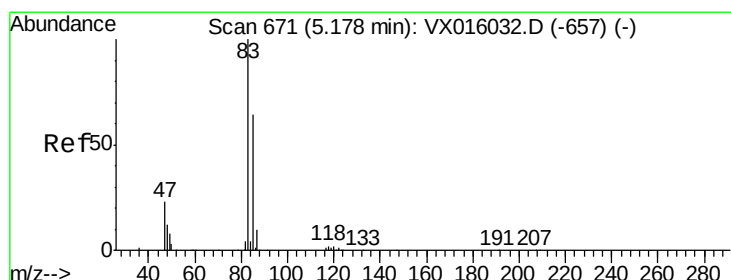
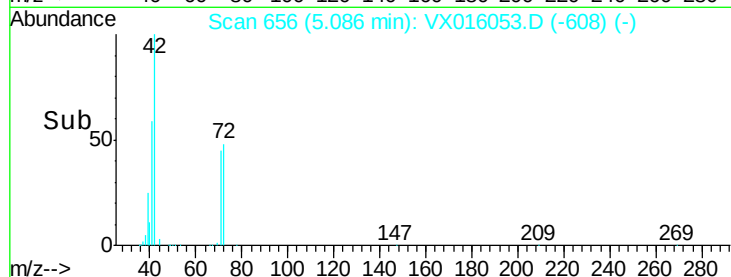
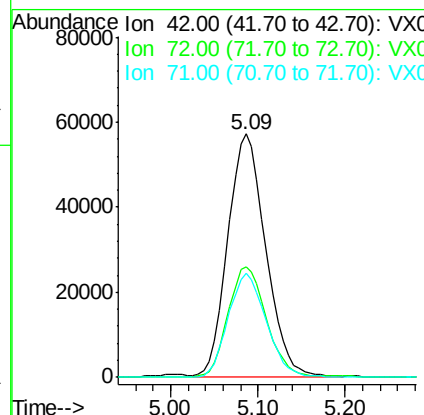
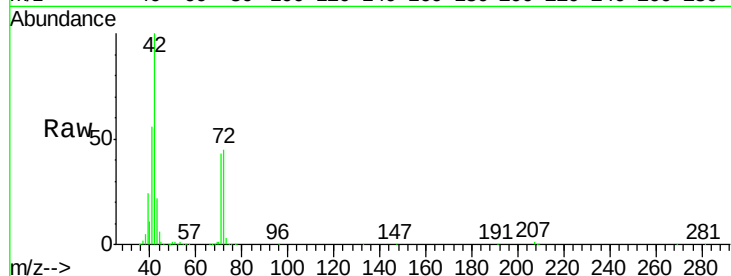
#29  
Tetrahydrofuran  
Concen: 83.166 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.9  | 37.1  | 55.7  |
| 71      | 43.3  | 34.5  | 51.7  |

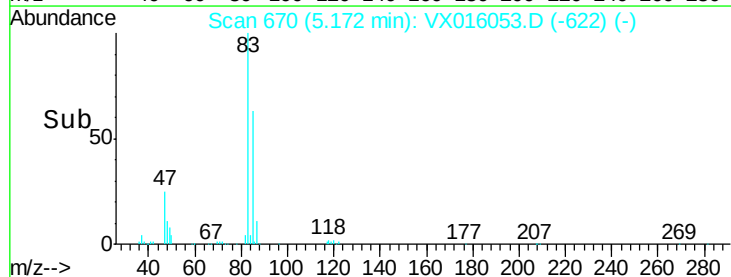
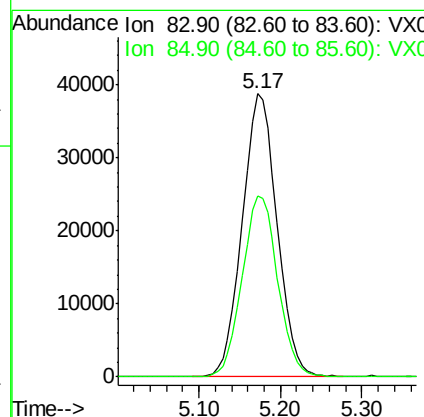
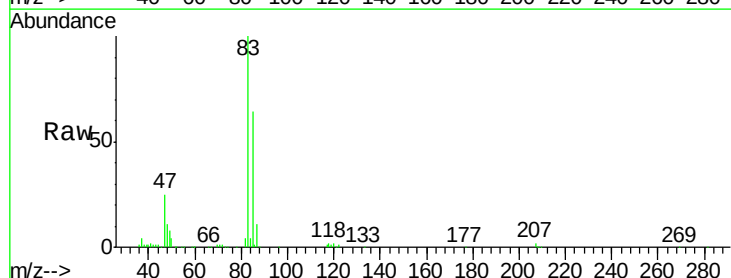
Manual Integrations  
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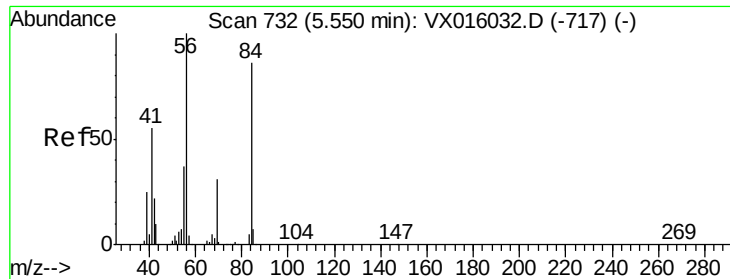
MMDadoda  
5/6/2020 12:27:00 PM



#30  
Chloroform  
Concen: 17.432 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 51.6  | 77.4  |





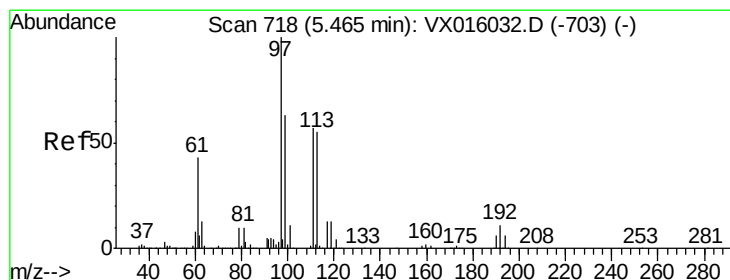
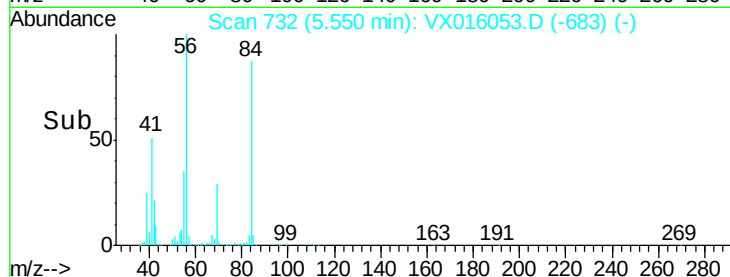
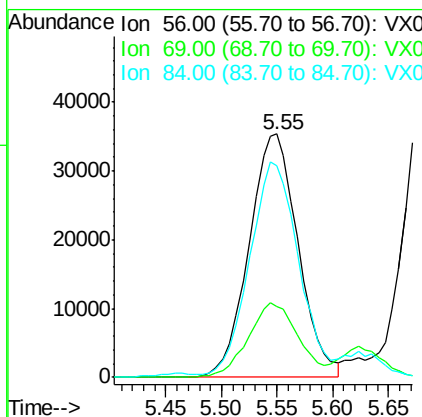
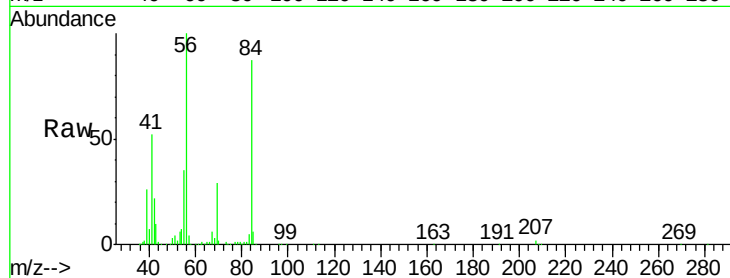
#31  
Cyclohexane  
Concen: 18.018 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 29.3 | 25.0  | 37.6  |       |
| 84      | 85.7 | 69.0  | 103.6 |       |

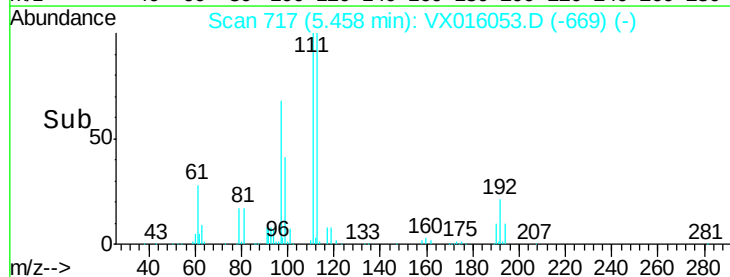
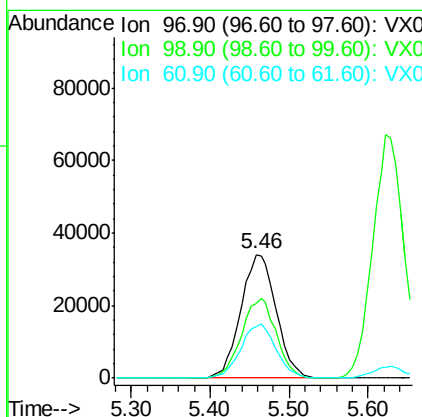
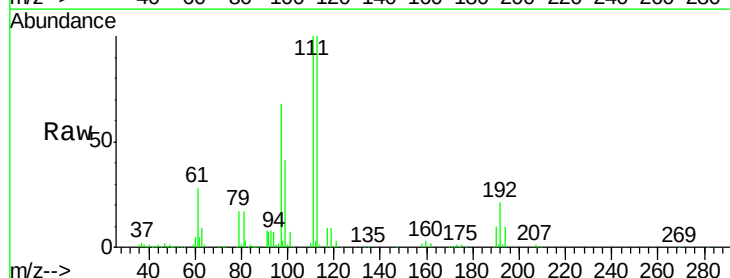
Manual Integrations  
APPROVED

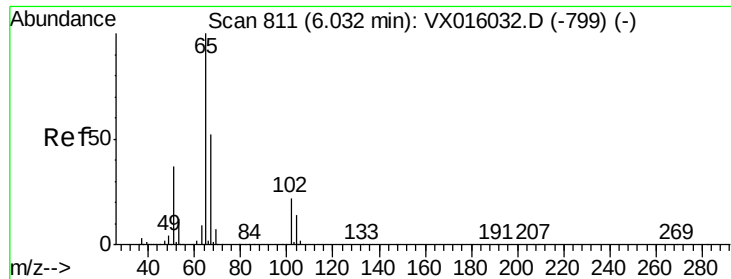
MMDadoda  
5/6/2020 12:27:00 PM



#32  
1,1,1-Trichloroethane  
Concen: 17.685 ug/l  
RT: 5.46 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 63.6 | 51.0  | 76.4  |       |
| 61      | 43.6 | 34.5  | 51.7  |       |





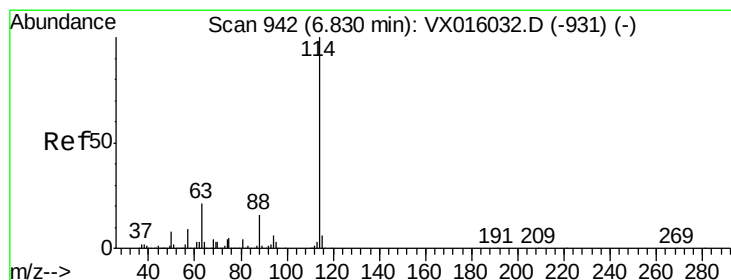
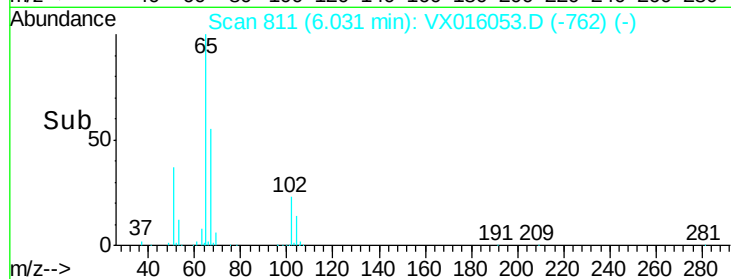
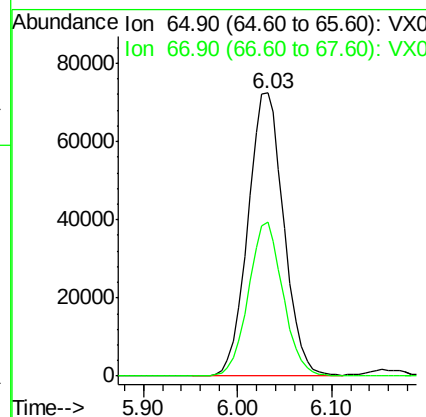
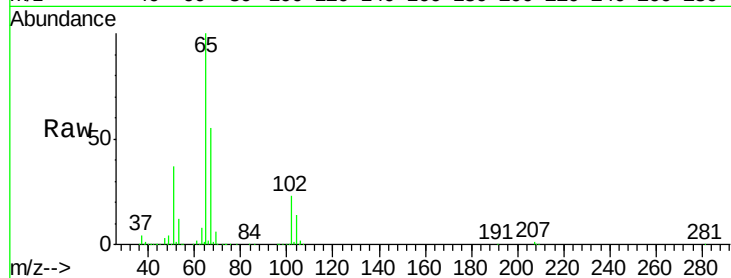
#33  
 1,2-Dichloroethane-d4  
 Concen: 44.594 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0505WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 193176 |       |       |
| 67      | 52.6  | 0.0    | 104.8 |       |

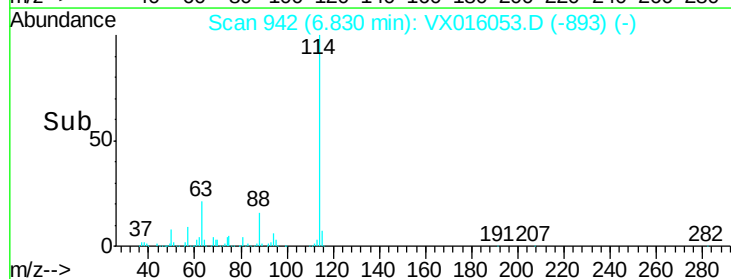
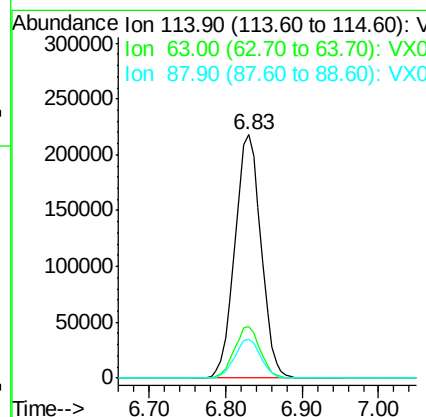
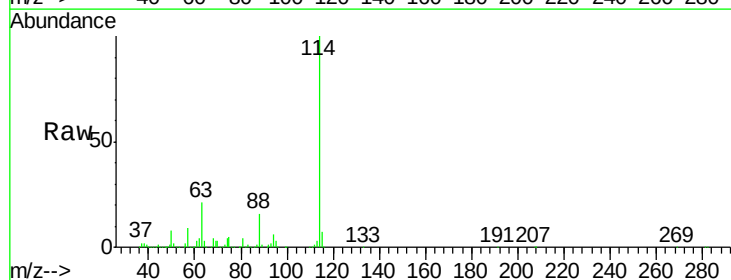
Manual Integrations  
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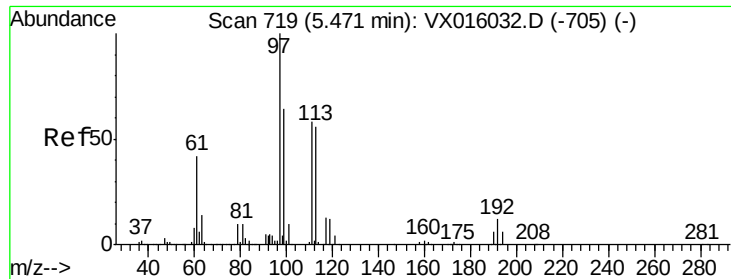
MMDadoda  
 5/6/2020 12:27:00 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 516182 |       |       |
| 63      | 21.3  | 0.0    | 42.8  |       |
| 88      | 16.1  | 0.0    | 31.4  |       |





#35

Dibromofluoromethane

Concen: 45.352 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

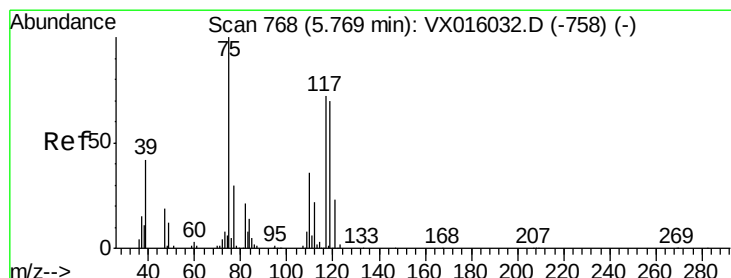
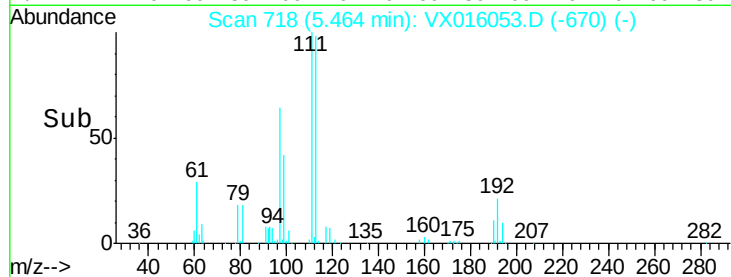
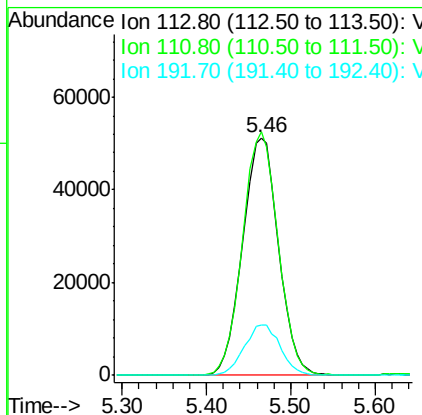
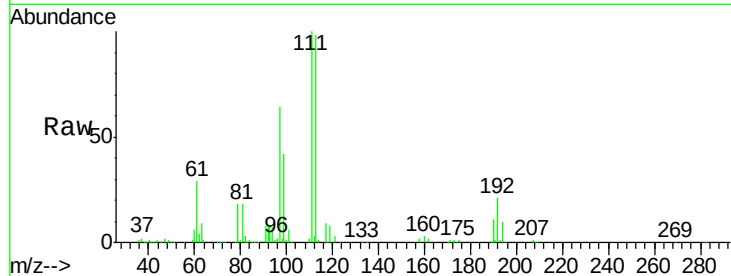
ClientSampled :

VX0505WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 148311 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.1 | 81.6  | 122.4  |
| 192       | 21.4  | 17.0  | 25.4   |

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5/6/2020 12:27:00 PM



#36

1,1-Dichloropropene

Concen: 17.675 ug/l

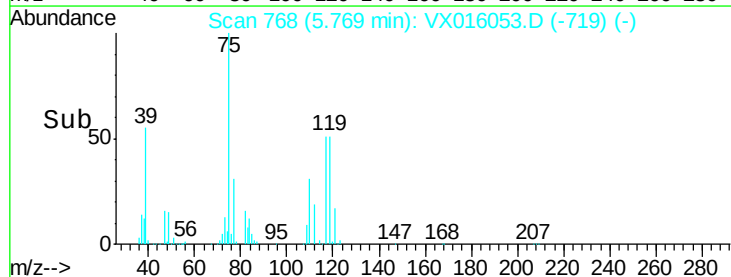
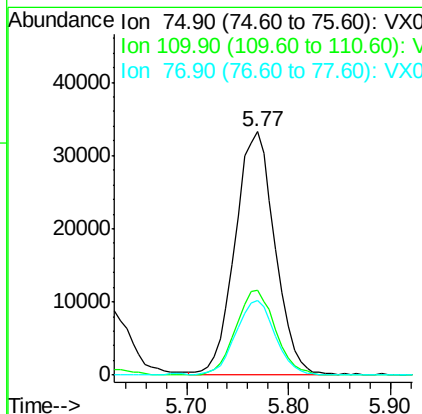
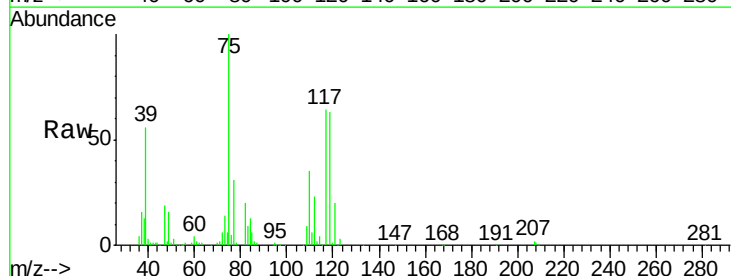
RT: 5.77 min Scan# 768

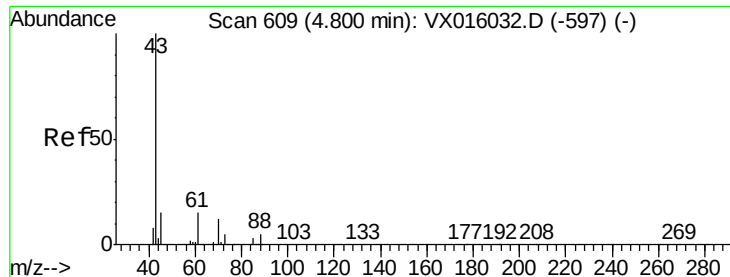
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 89810 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 34.9  | 18.1  | 54.1  |
| 77        | 30.7  | 25.0  | 37.6  |





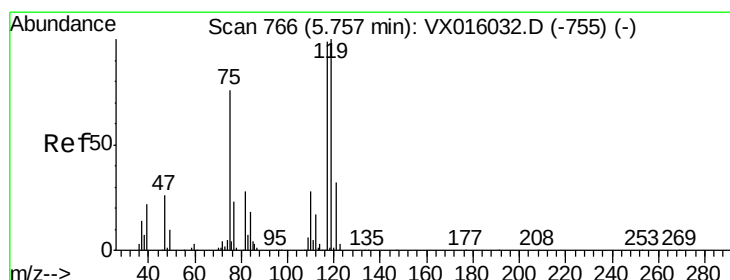
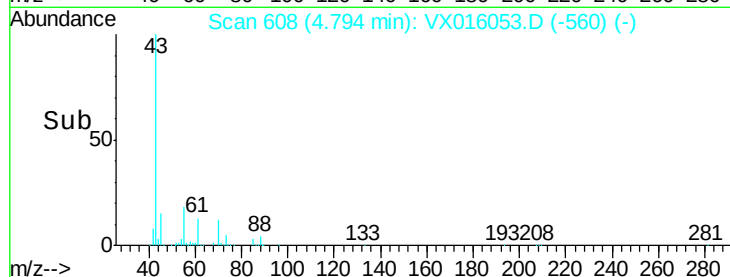
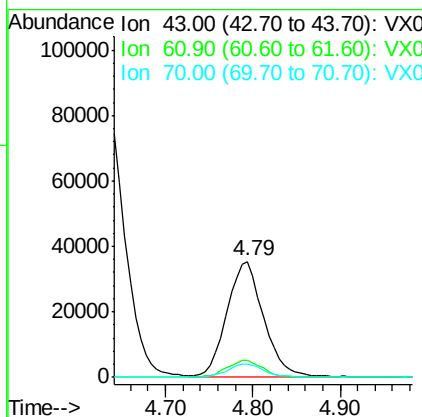
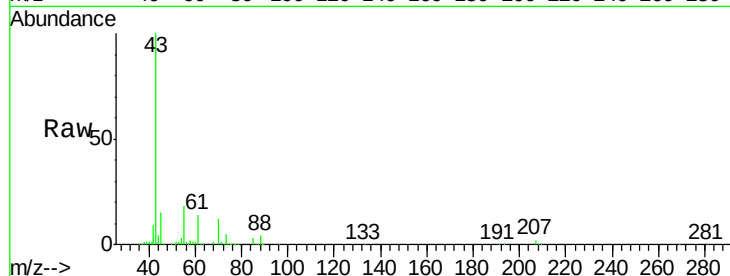
#37  
Ethyl Acetate  
Concen: 17.337 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0505WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 102101 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 14.2  | 11.7  | 17.5   |
| 70       | 11.5  | 9.3   | 13.9   |

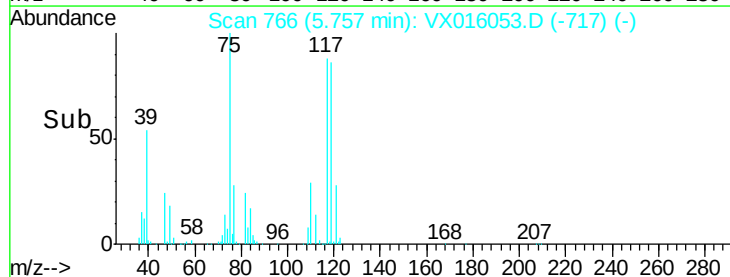
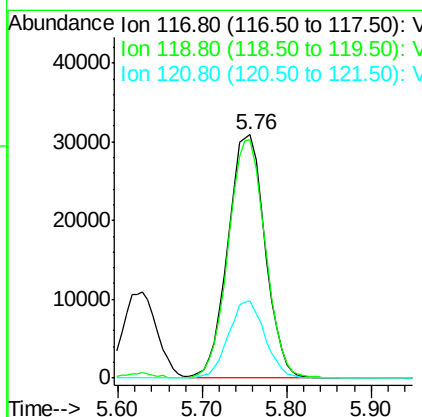
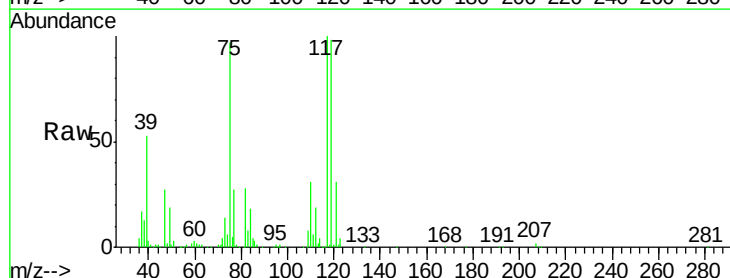
Manual Integrations  
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5/6/2020 12:27:00 PM

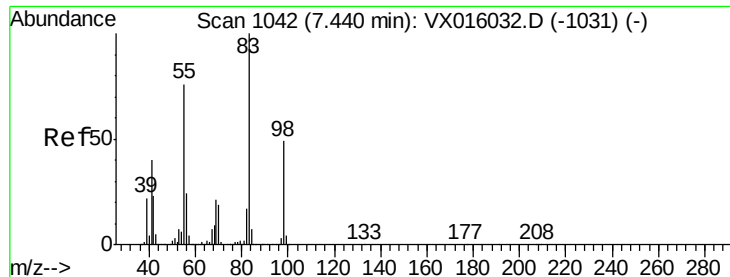


#38  
Carbon Tetrachloride  
Concen: 17.910 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 92497 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.5  | 80.3  | 120.5 |
| 121      | 31.5  | 25.7  | 38.5  |







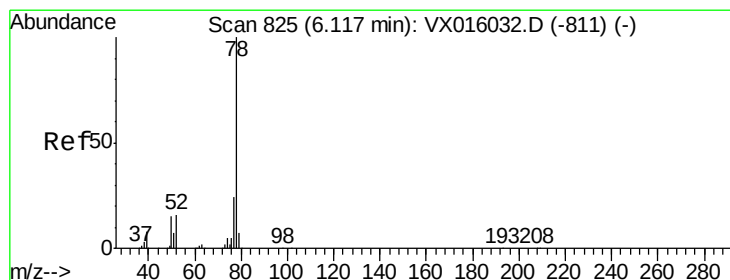
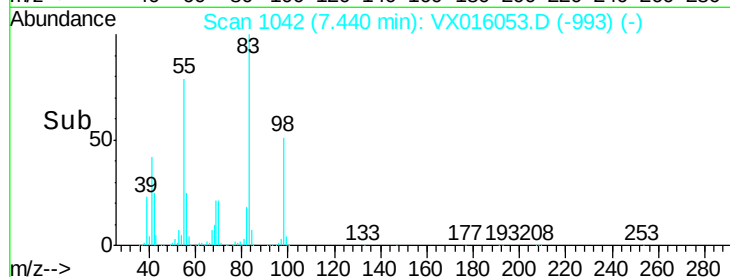
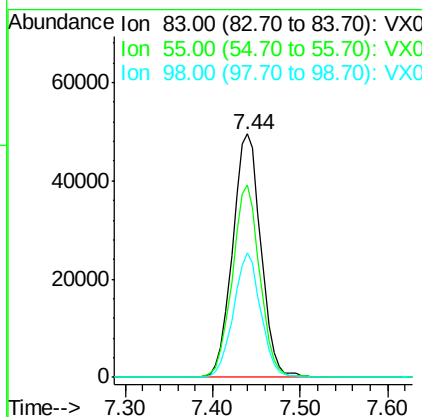
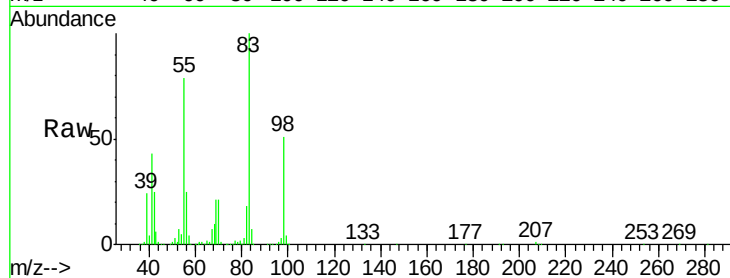
#39  
Methylvlcyclohexane  
Concen: 18.225 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.2  | 61.1  | 91.7  |
| 98      | 51.0  | 39.0  | 58.4  |

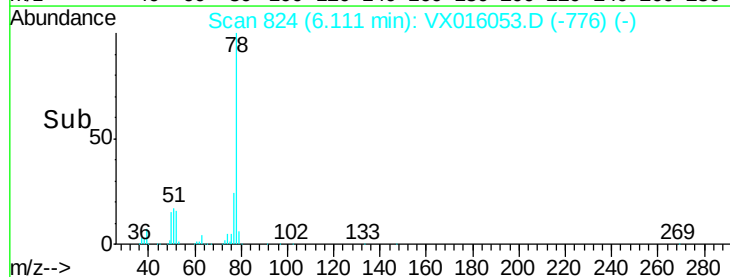
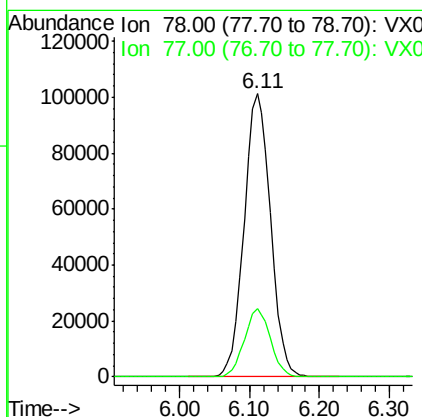
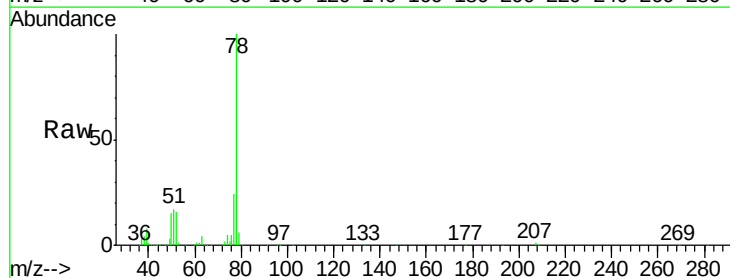
Manual Integrations  
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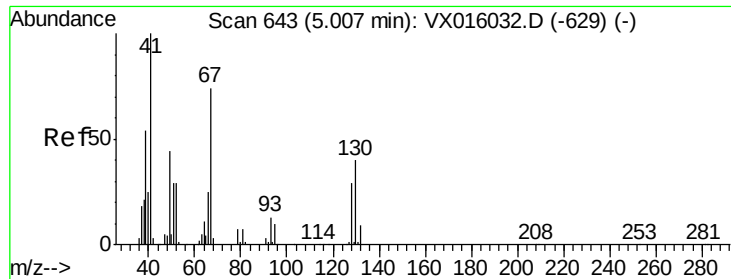
MMDadoda  
5/6/2020 12:27:00 PM



#40  
Benzene  
Concen: 17.856 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.0  | 28.4  |





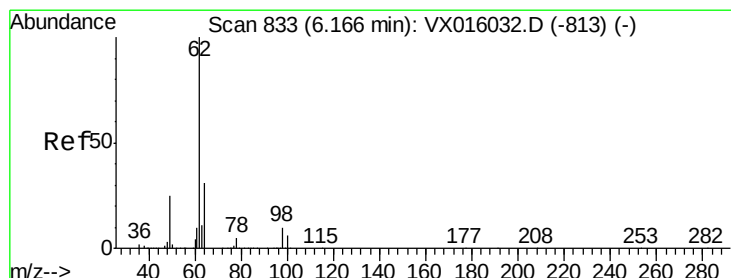
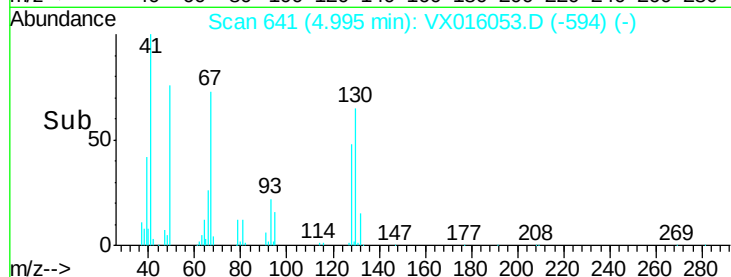
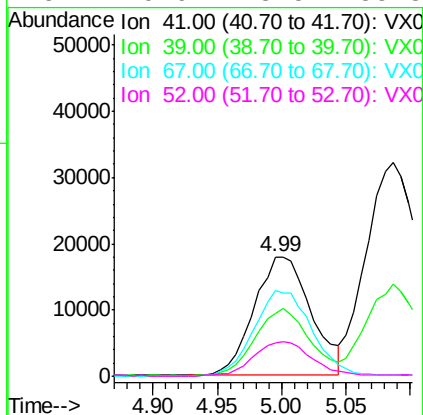
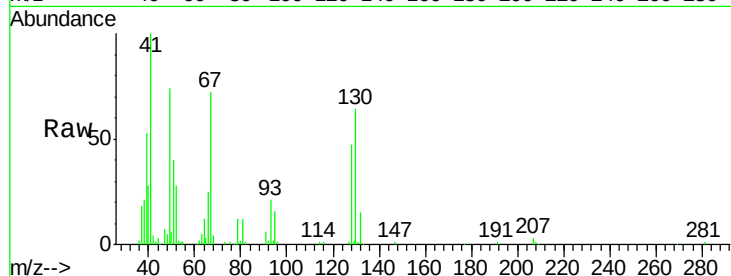
#41  
Methacrylonitrile  
Concen: 17.376 ug/l  
RT: 4.99 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 55263   | 41  | 100   |       |       |
|         | 39  | 54.3  | 43.2  | 64.8  |
|         | 67  | 73.5  | 59.3  | 88.9  |
|         | 52  | 29.9  | 23.5  | 35.3  |

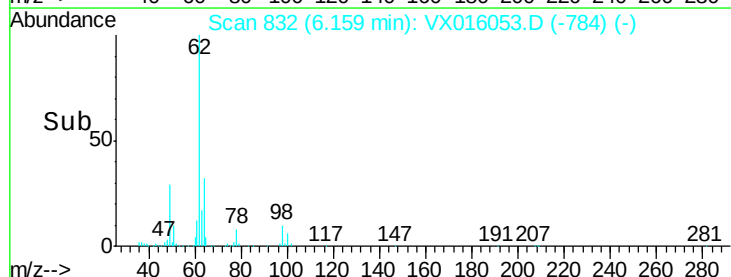
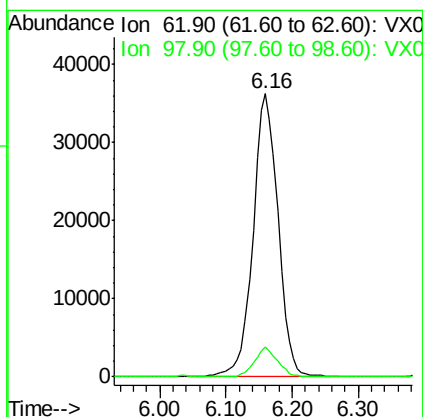
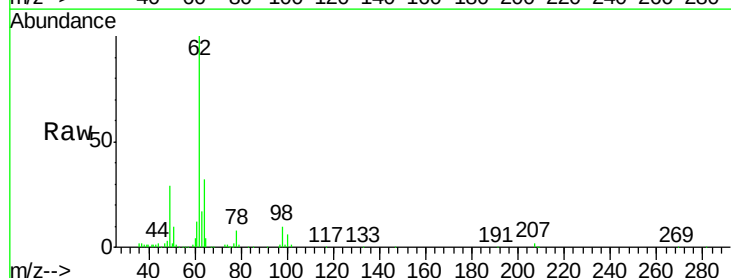
Manual Integrations  
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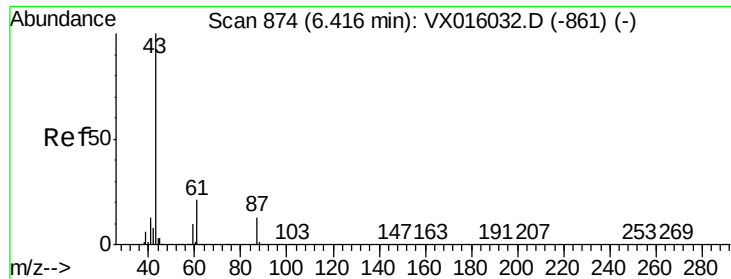
MMDadoda  
5/6/2020 12:27:00 PM



#42  
1,2-Dichloroethane  
Concen: 17.838 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 95534   | 62  | 100   |       |       |
|         | 98  | 9.6   | 0.0   | 19.4  |





#43

Isopropyl Acetate

Concen: 17.415 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

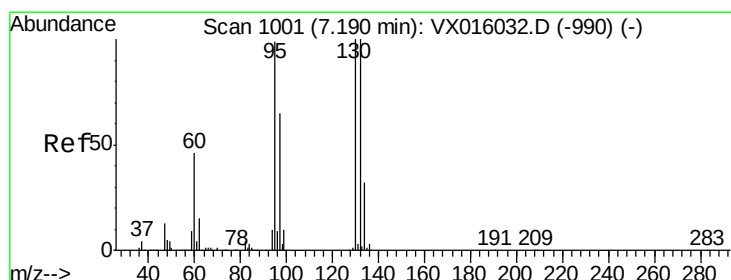
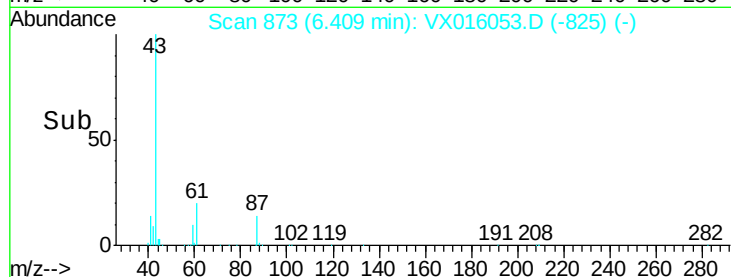
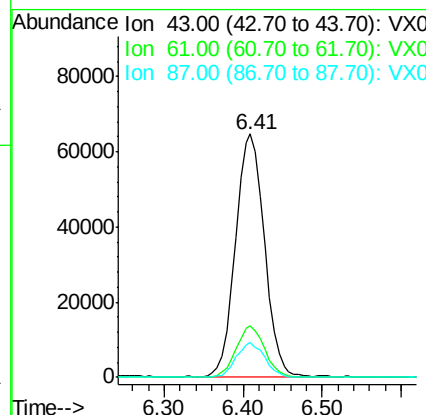
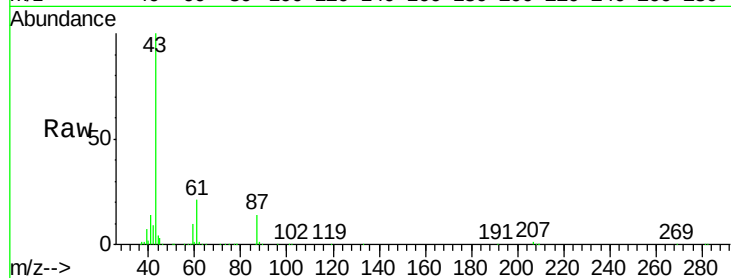
ClientSampleId :

VX0505WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 163639 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 21.2  | 17.0  | 25.4   |
| 87       | 14.1  | 11.0  | 16.6   |

Manual Integrations  
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#44

Trichloroethene

Concen: 18.284 ug/l

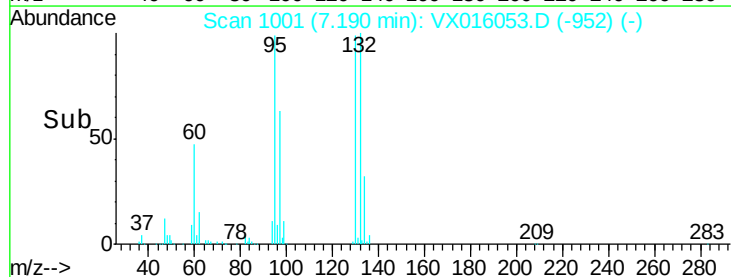
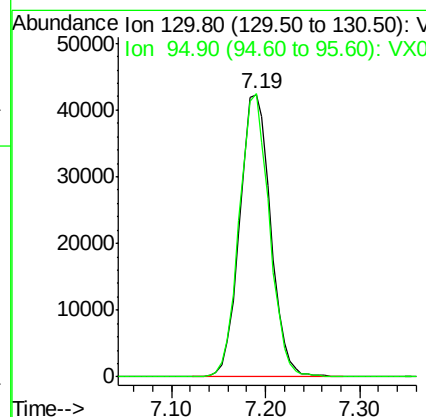
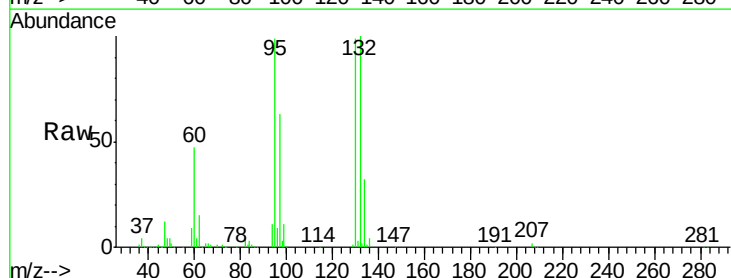
RT: 7.19 min Scan# 1001

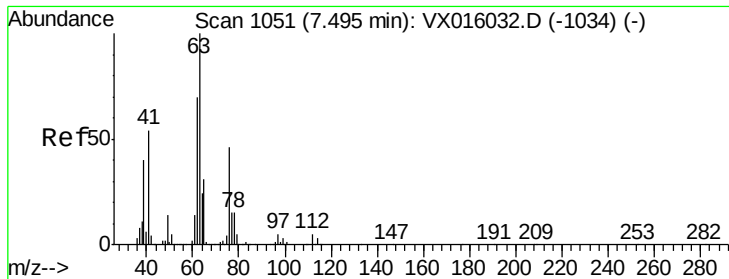
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 96571 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 100.2 | 0.0   | 197.4 |





#45

1,2-Dichloropropane

Concen: 17.958 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBS01

Tot Ion: 63 Resp: 67554

Ion Ratio Lower Upper

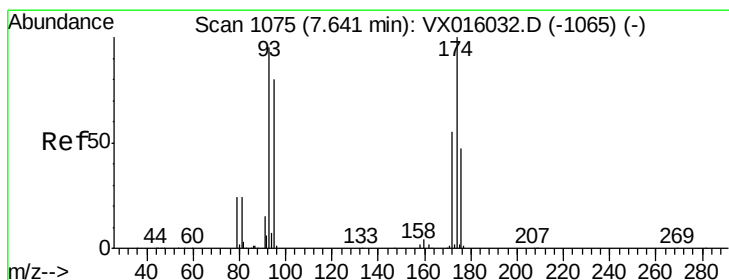
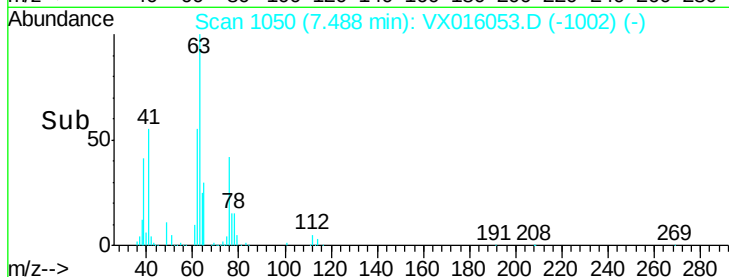
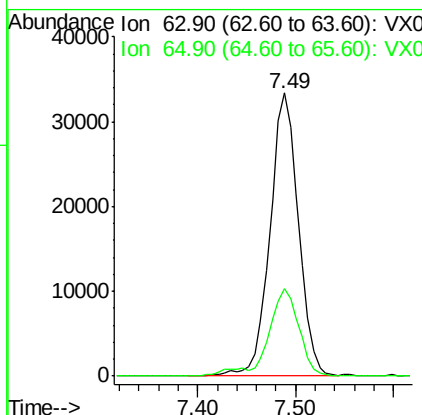
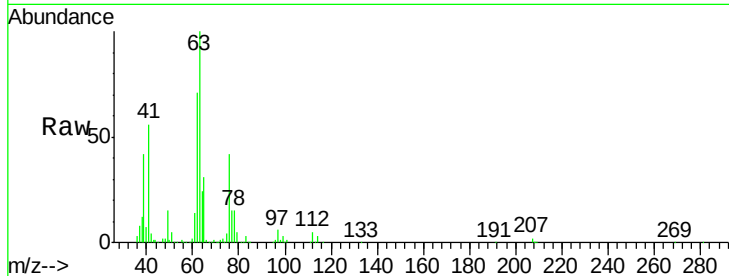
63 100

65 31.0 24.4 36.6

Manual Integrations  
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#46

Dibromomethane

Concen: 17.906 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

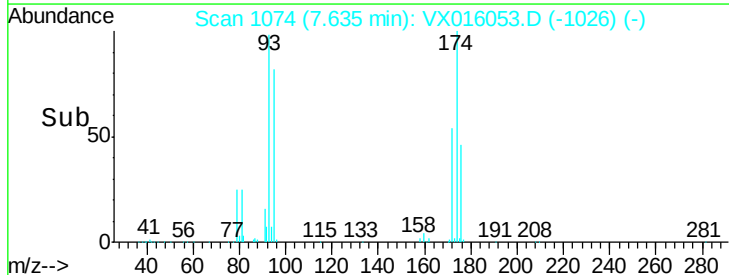
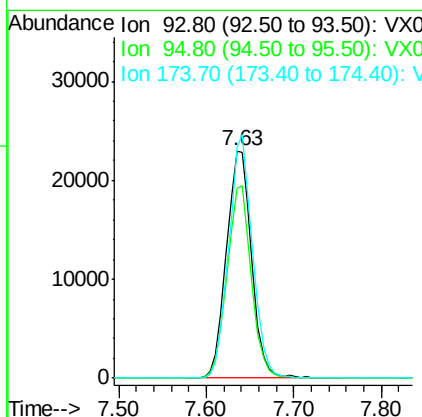
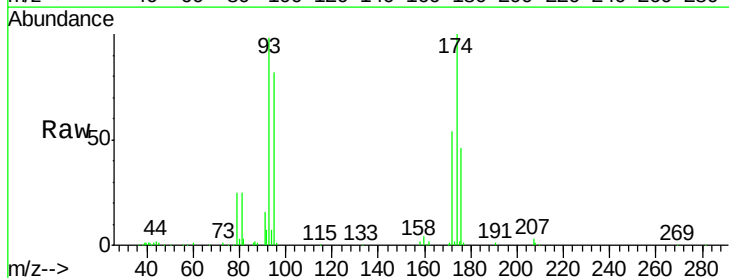
Tgt Ion: 93 Resp: 45775

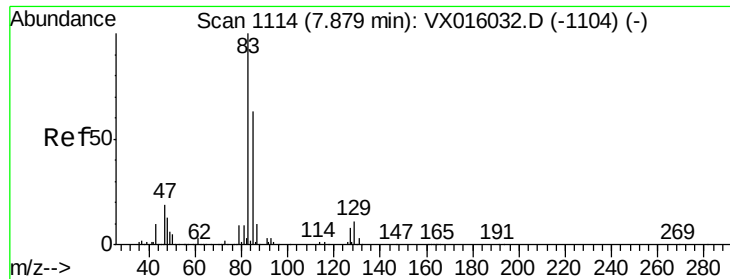
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 101.7 84.2 126.4





#47

Bromodichloromethane

Concen: 17.769 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

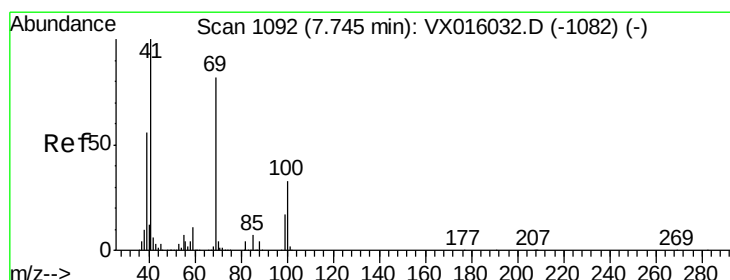
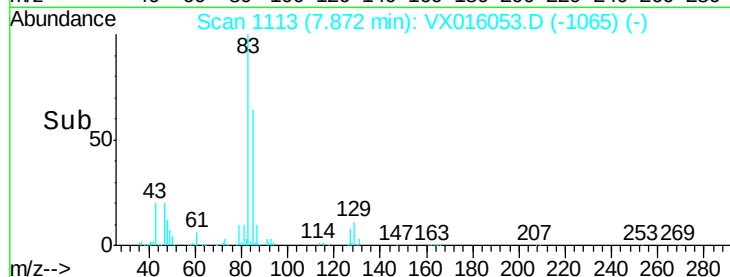
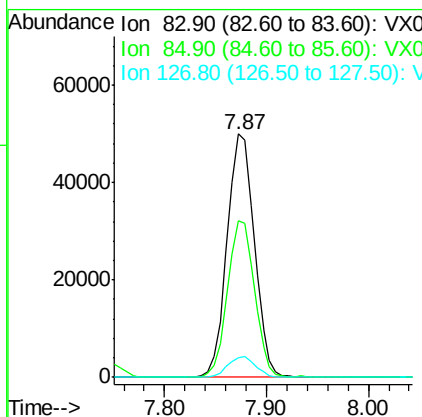
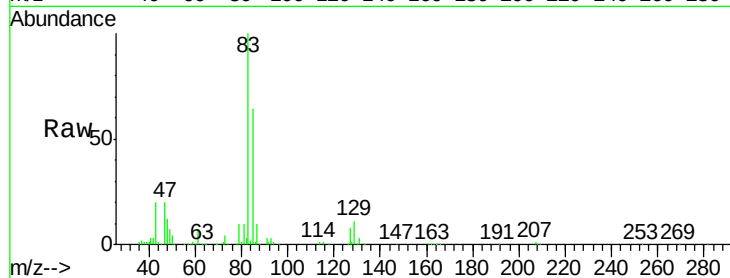
ClientSampleId :

VX0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 92515 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.1  | 50.5  | 75.7  |
| 127       | 8.2   | 6.7   | 10.1  |

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#48

Methyl methacrylate

Concen: 16.949 ug/l

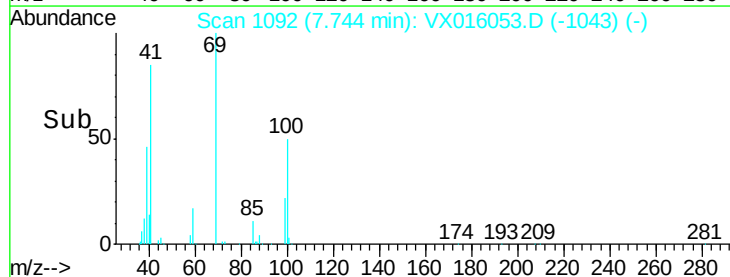
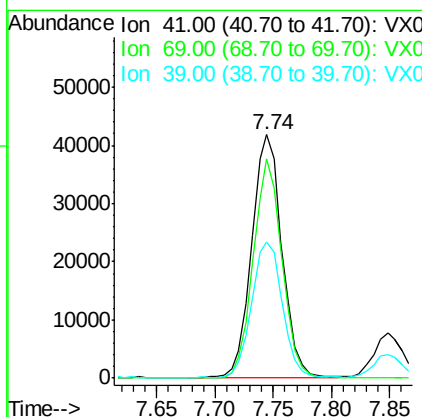
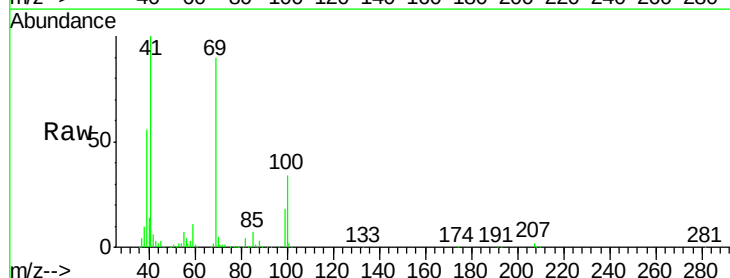
RT: 7.74 min Scan# 1092

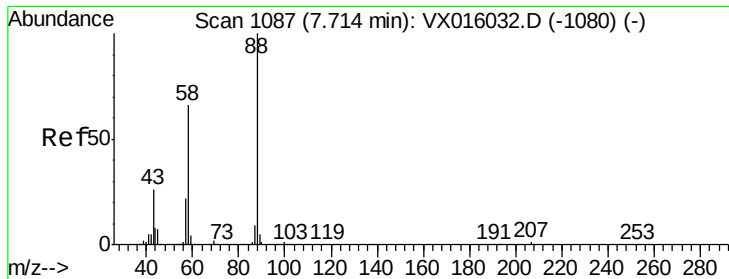
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 75463 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 86.4  | 67.8  | 101.6 |
| 39        | 57.1  | 44.6  | 67.0  |





#49

1,4-Dioxane

Concen: 329.863 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

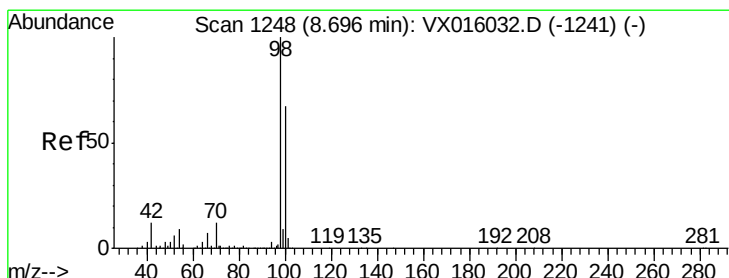
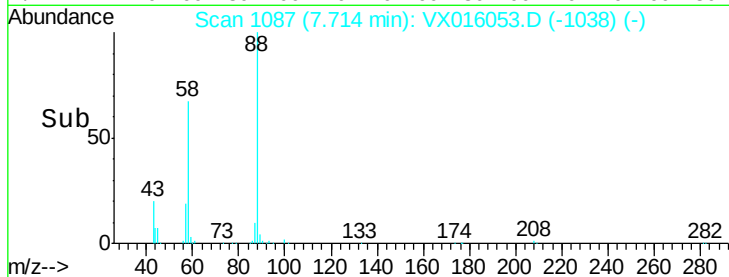
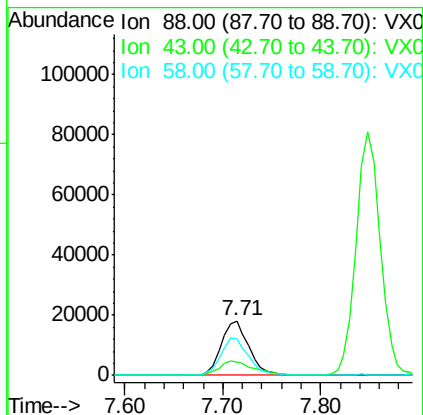
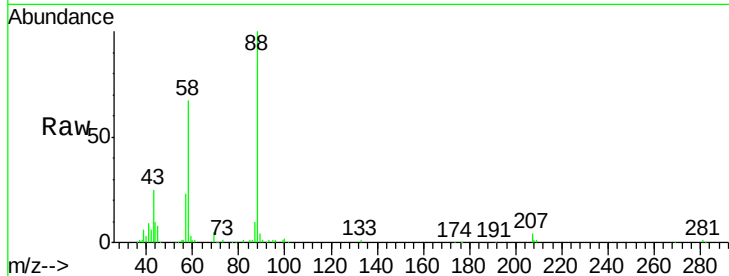
ClientSampled :

VX0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 35224 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.9  | 25.3  | 37.9  |
| 58       | 70.4  | 55.9  | 83.9  |

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#50

Toluene-d8

Concen: 46.874 ug/l

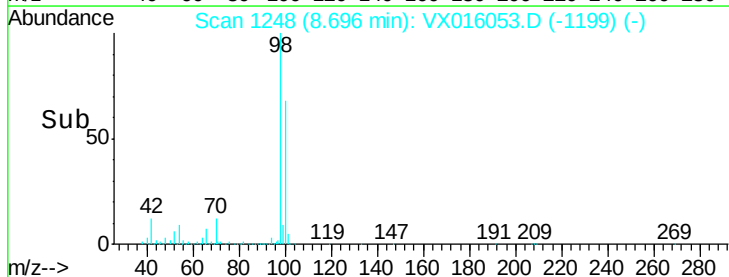
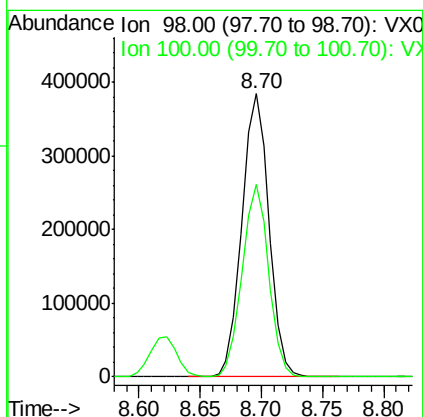
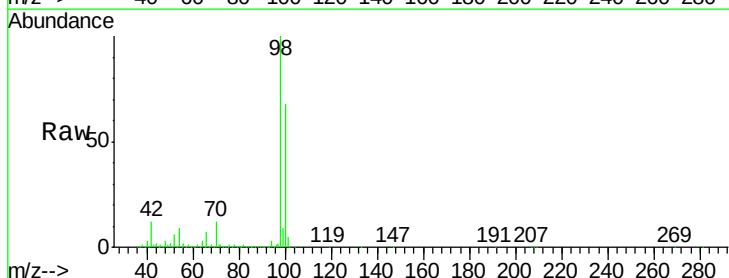
RT: 8.70 min Scan# 1248

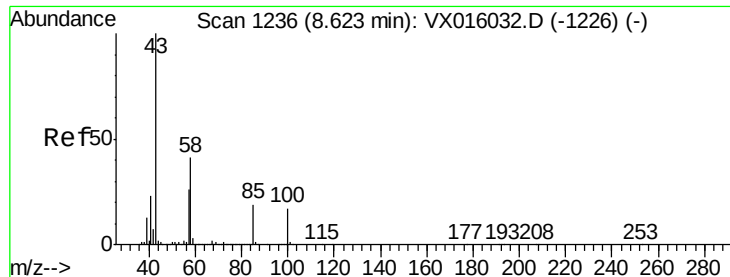
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 590633 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.6  | 53.7  | 80.5   |





#51

4-Methyl-2-Pentanone

Concen: 86.685 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion: 43 Resp: 498436

Ion Ratio Lower Upper

43 100

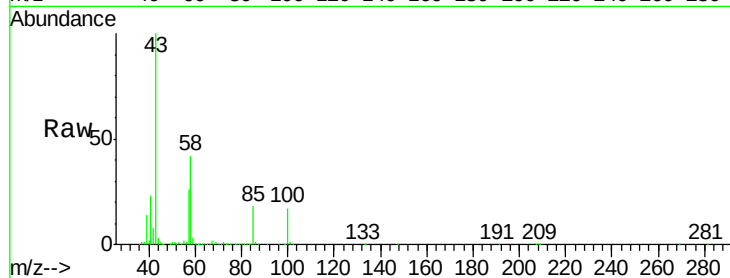
58 41.2 33.0 49.4

Manual Integrations

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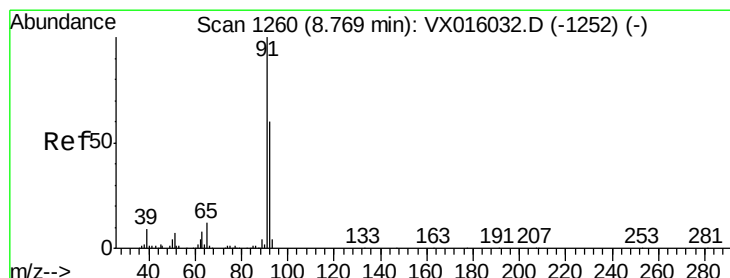
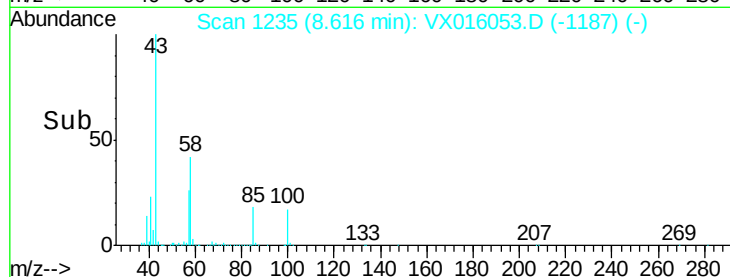
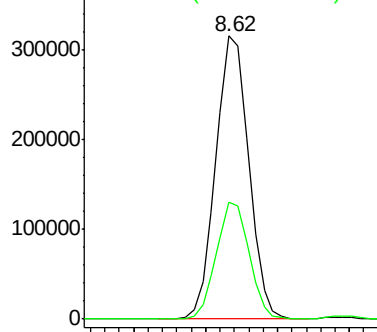
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.089 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016053.D

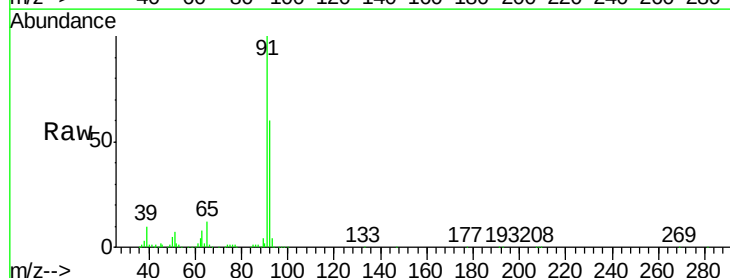
Acq: 05 May 2020 11:10

Tgt Ion: 92 Resp: 167628

Ion Ratio Lower Upper

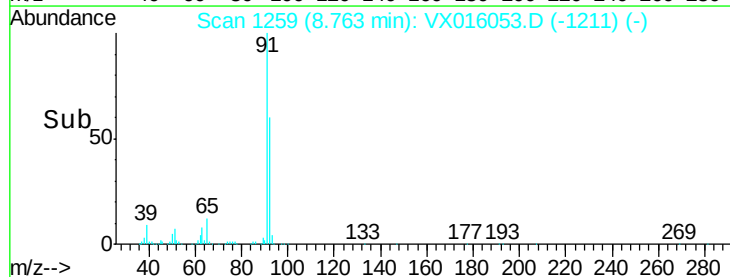
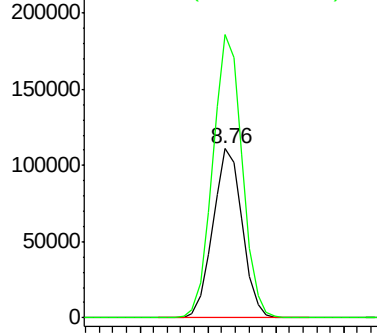
92 100

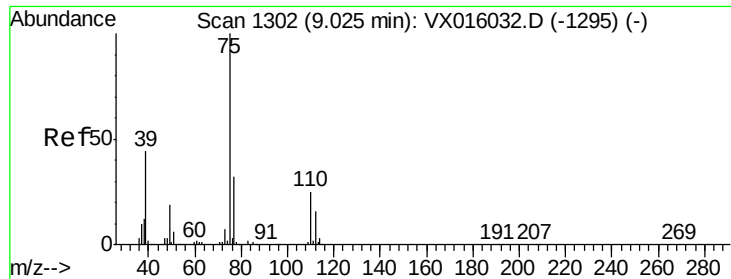
91 168.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.434 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion: 75 Resp: 108229

Ion Ratio Lower Upper

75 100

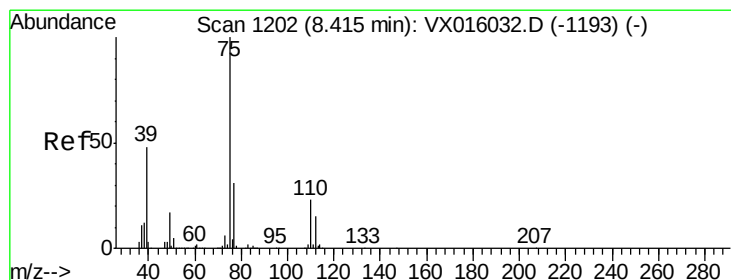
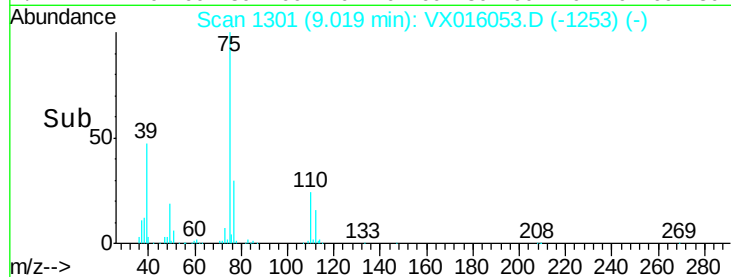
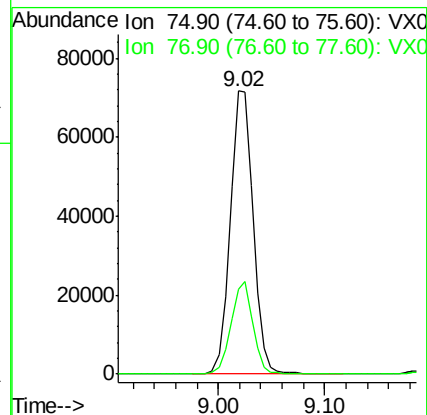
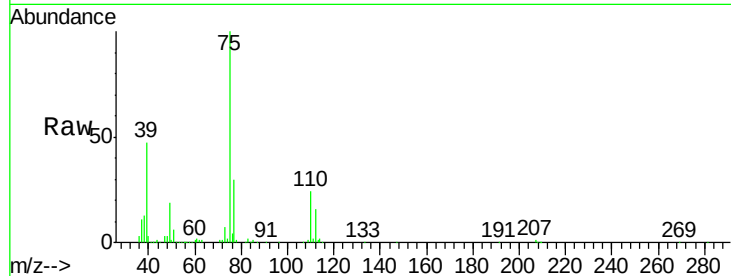
77 30.0 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 17.514 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

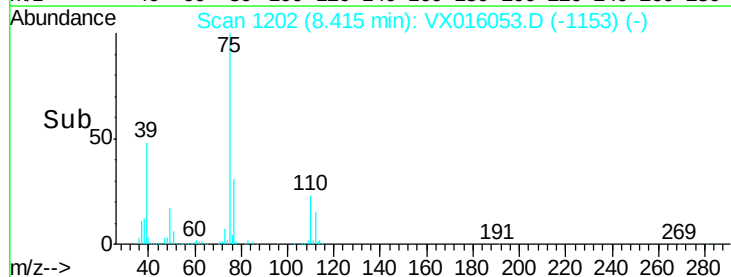
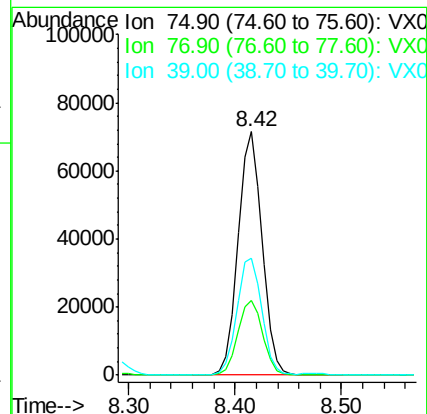
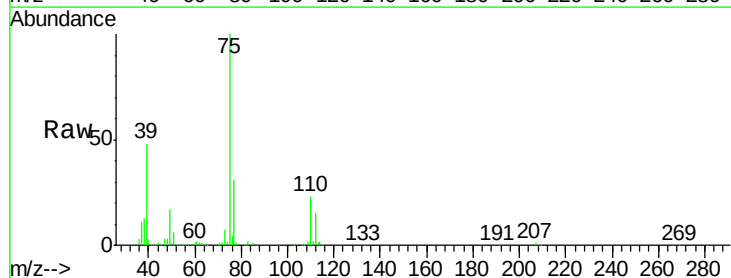
Tgt Ion: 75 Resp: 113563

Ion Ratio Lower Upper

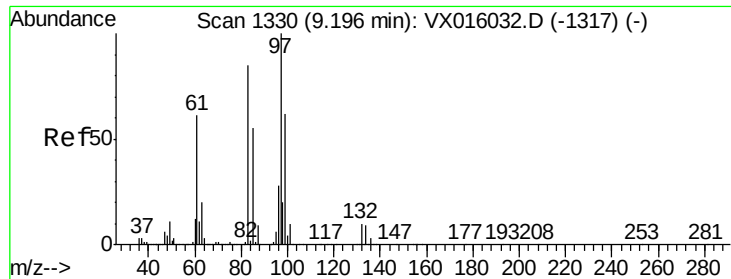
75 100

77 30.9 24.7 37.1

39 47.8 38.7 58.1







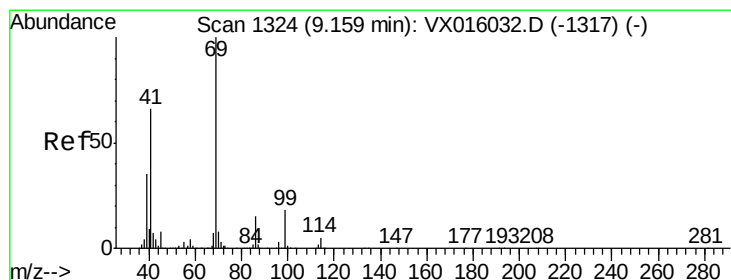
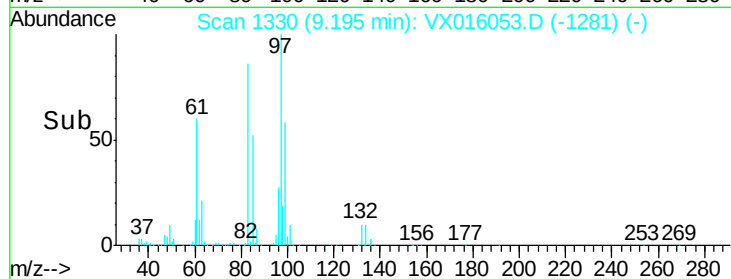
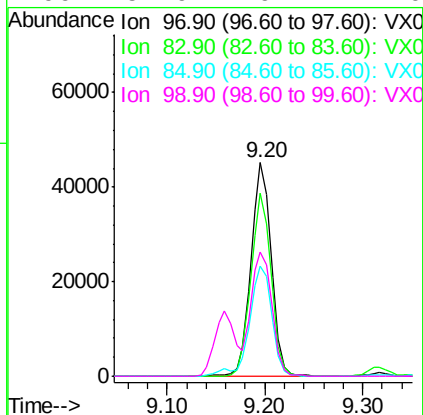
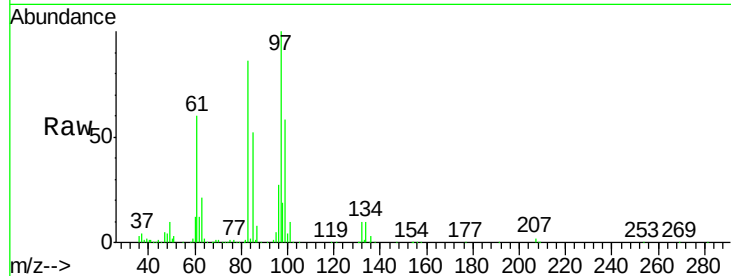
#55  
 1,1,2-Trichloroethane  
 Concen: 17.858 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 65108 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.9  | 67.8  | 101.8 |
| 85       | 51.6  | 43.8  | 65.8  |
| 99       | 57.9  | 49.4  | 74.0  |

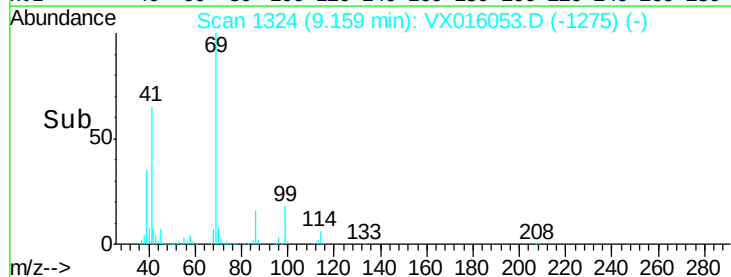
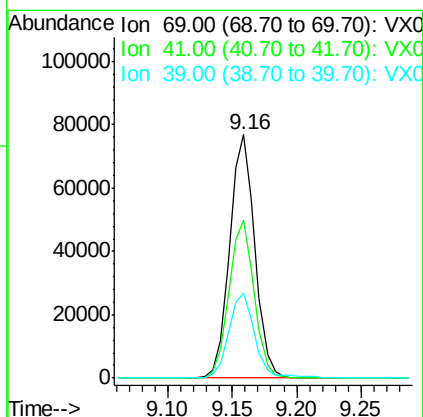
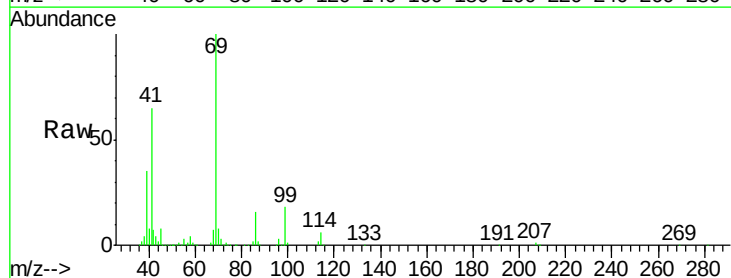
Manual Integrations  
 APPROVED

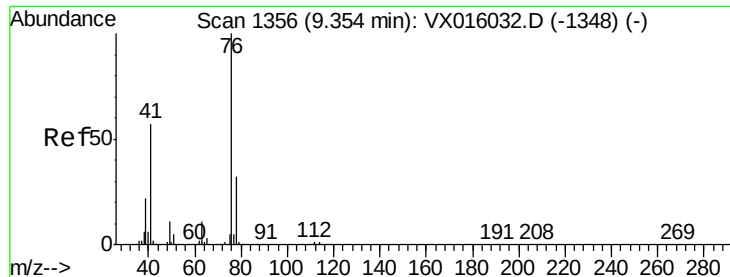
MMDadoda  
 5/6/2020 12:27:00 PM



#56  
 Ethyl methacrylate  
 Concen: 17.645 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 105010 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.9  | 52.2  | 78.4   |
| 39       | 36.0  | 28.2  | 42.4   |





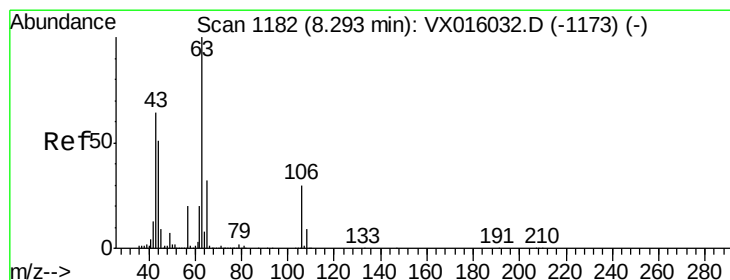
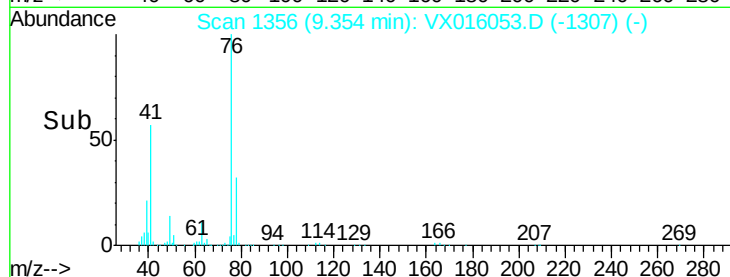
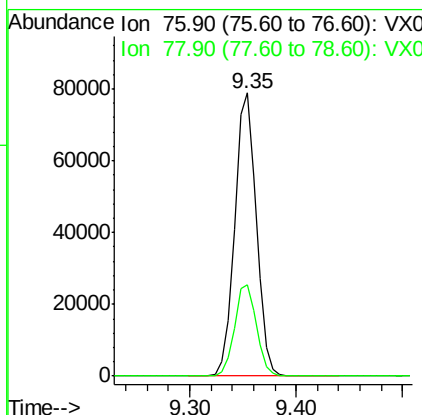
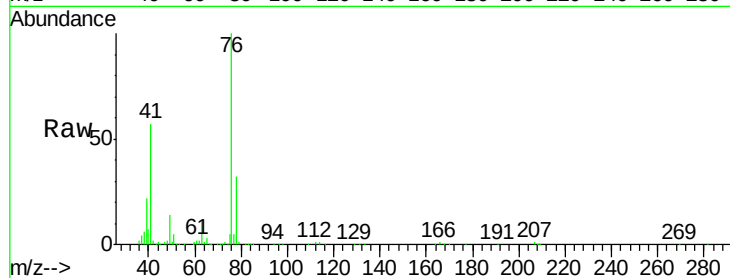
#57  
 1,3-Dichloropropane  
 Concen: 17.684 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.7  | 25.9  | 38.9  |

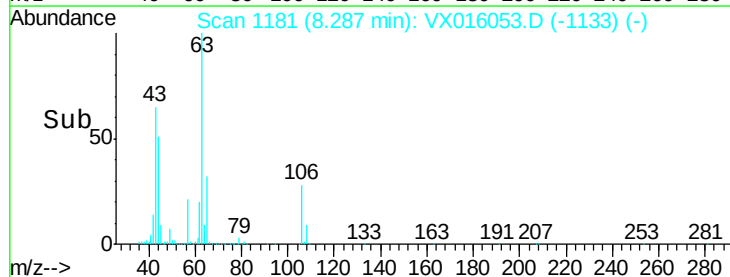
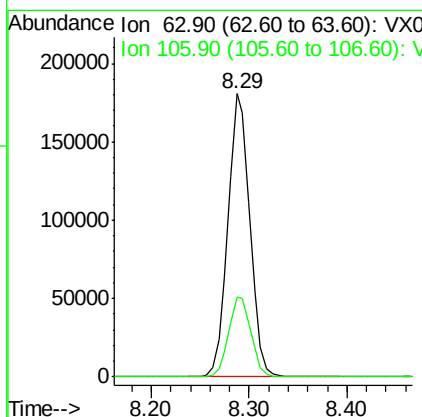
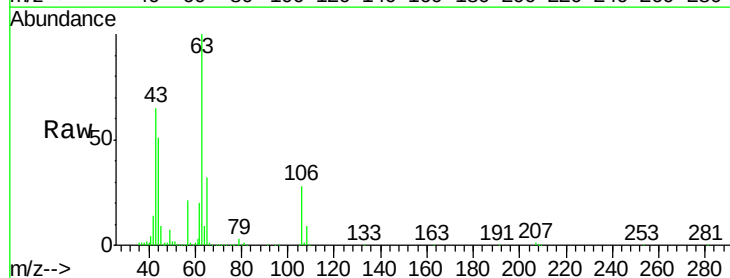
Manual Integrations  
 APPROVED

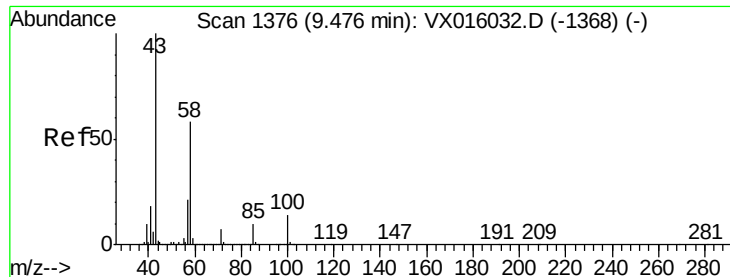
MMDadoda  
 5/6/2020 12:27:00 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 88.548 ug/l  
 RT: 8.29 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.1  | 23.4  | 35.2  |





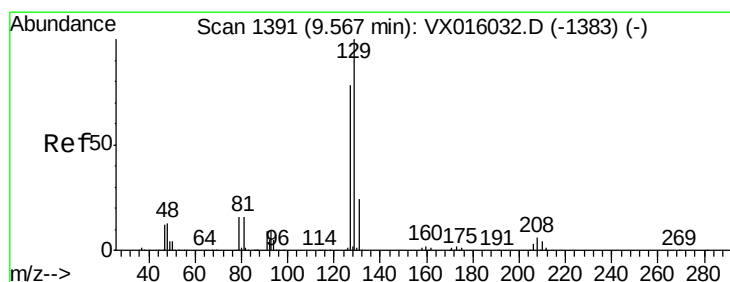
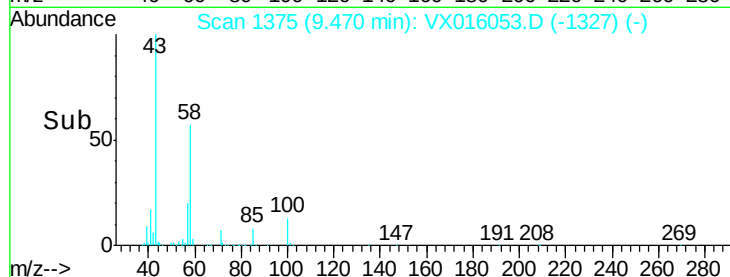
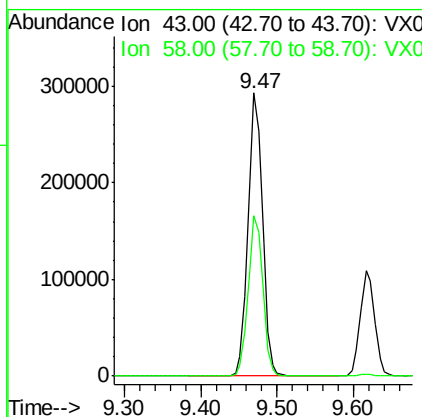
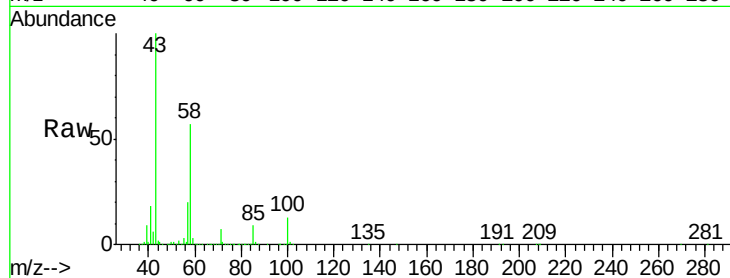
#59  
2-Hexanone  
Concen: 85.728 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 56.9  | 28.6  | 85.9  |

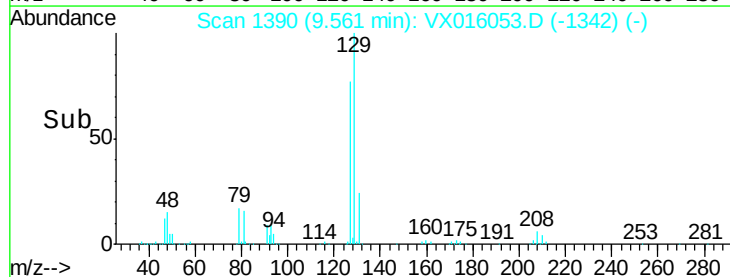
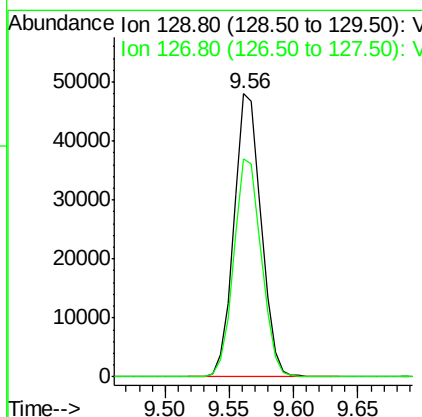
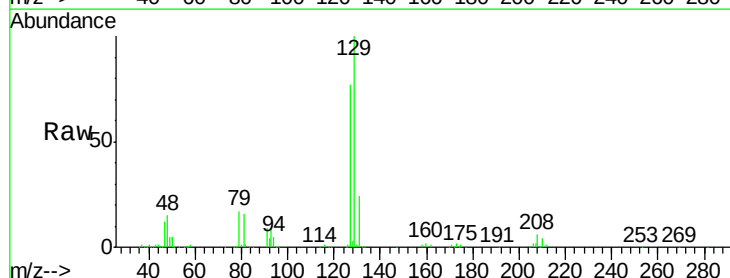
Manual Integrations  
APPROVED

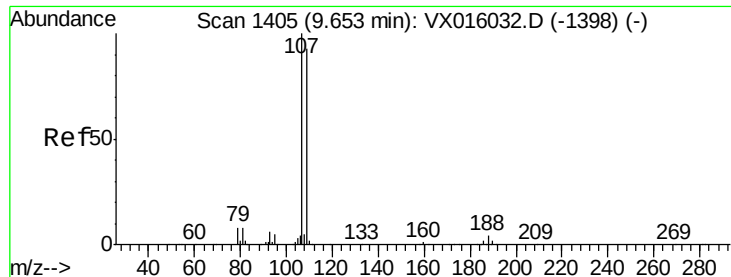
MMDadoda  
5/6/2020 12:27:00 PM



#60  
Dibromochloromethane  
Concen: 17.569 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.0  | 38.4  | 115.2 |





#61

1,2-Dibromoethane

Concen: 17.300 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBS01

Tot Ion: 107 Resp: 68320

Ion Ratio Lower Upper

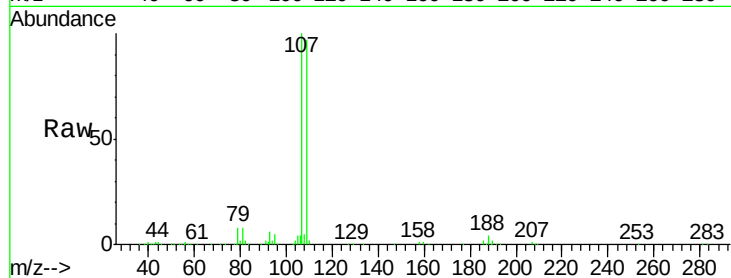
107 100

109 96.9 74.9 112.3

Manual Integrations  
APPROVED

MMDadoda

5/6/2020 12:27:00 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

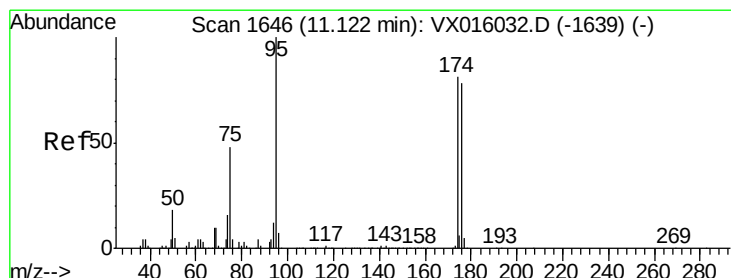
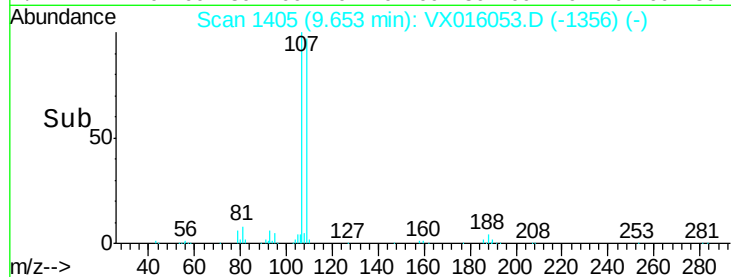
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.717 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

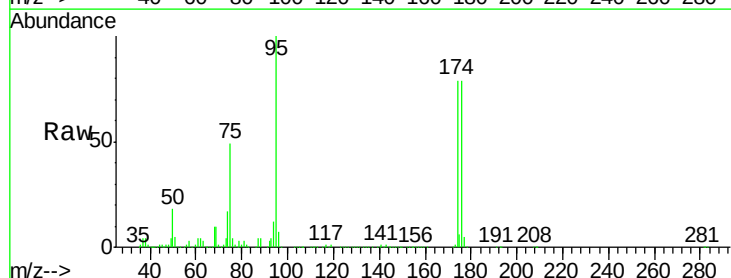
Tgt Ion: 95 Resp: 219102

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.4

176 78.7 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

11.12

200000

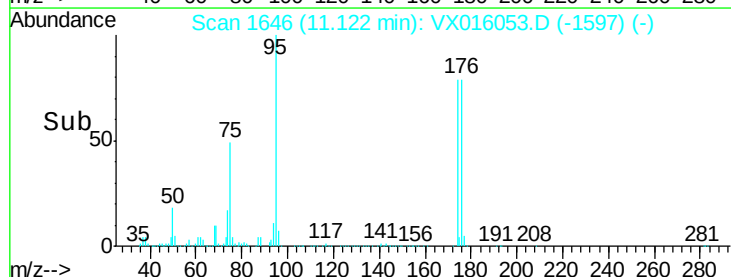
150000

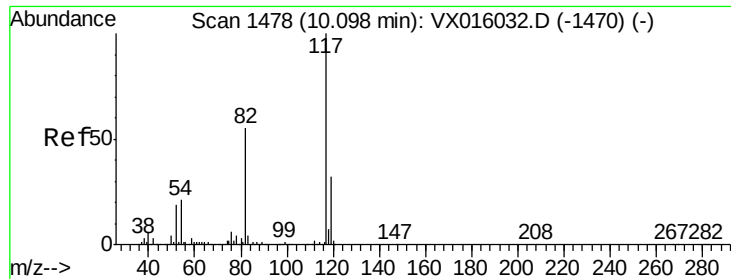
100000

50000

0

Time-->





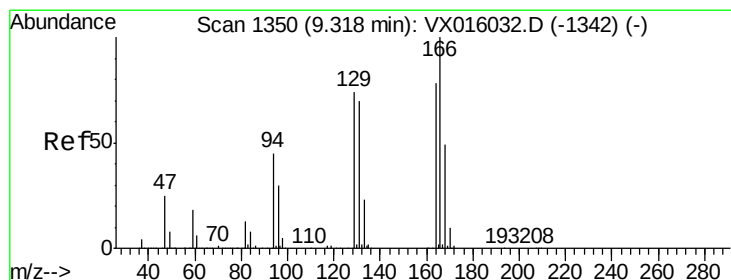
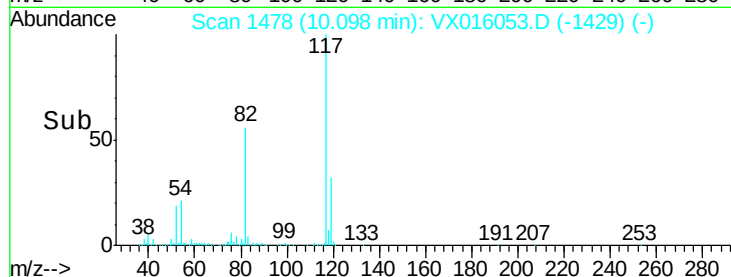
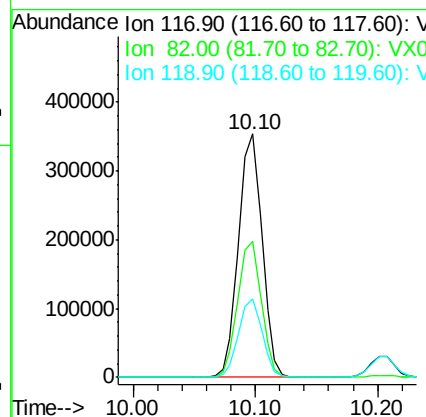
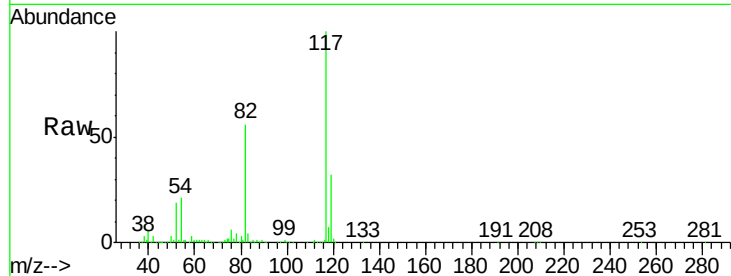
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 471175 |       |       |
| 82      | 55.7  |        | 44.4  | 66.6  |
| 119     | 32.5  |        | 25.5  | 38.3  |

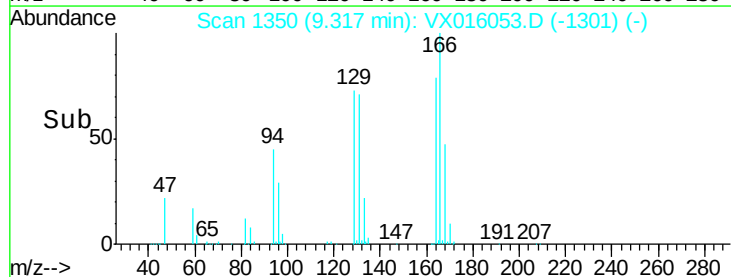
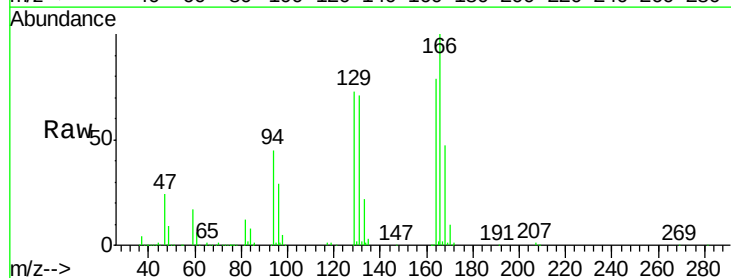
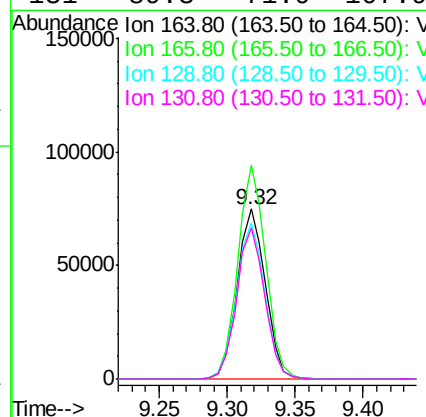
Manual Integrations  
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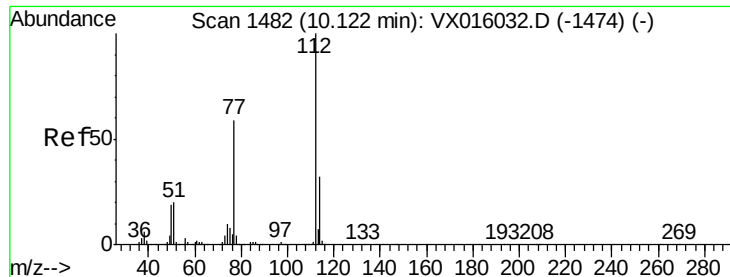
MMDadoda  
5/6/2020 12:27:00 PM



#64  
Tetrachloroethene  
Concen: 18.673 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 108009 |       |       |
| 166     | 125.8 |        | 102.9 | 154.3 |
| 129     | 91.8  |        | 76.1  | 114.1 |
| 131     | 89.3  |        | 71.9  | 107.9 |





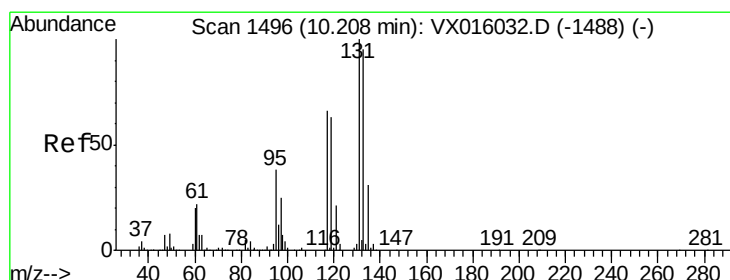
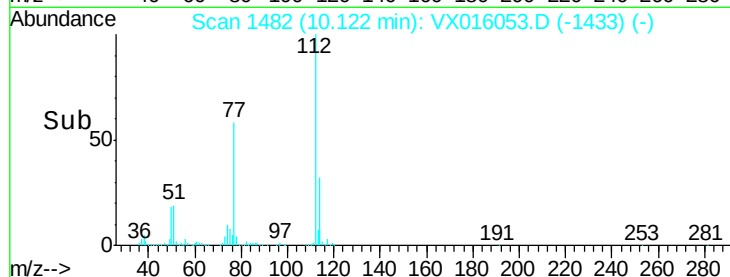
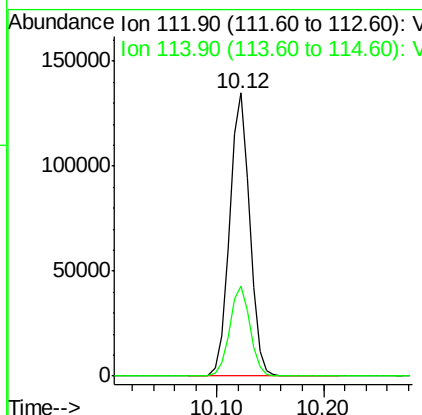
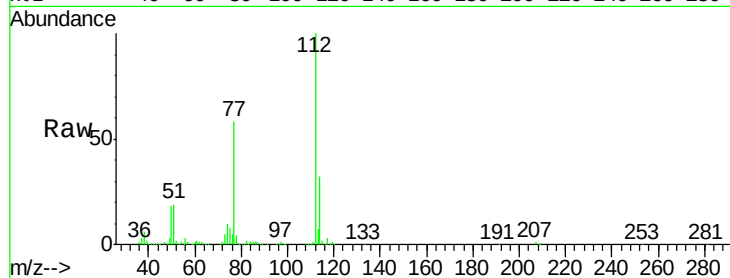
#65  
Chlorobenzene  
Concen: 18.086 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0505WBS01

Tot Ion:112 Resp: 178436  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.7 38.5

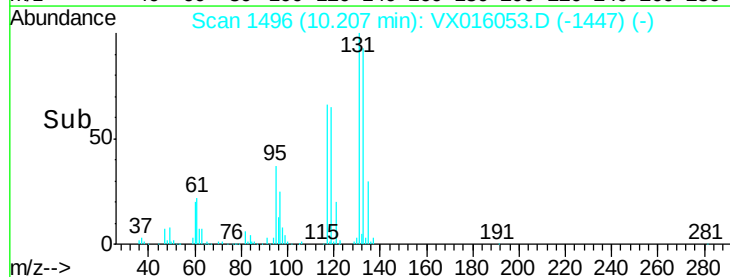
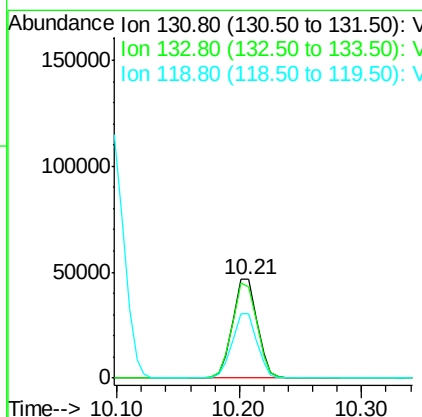
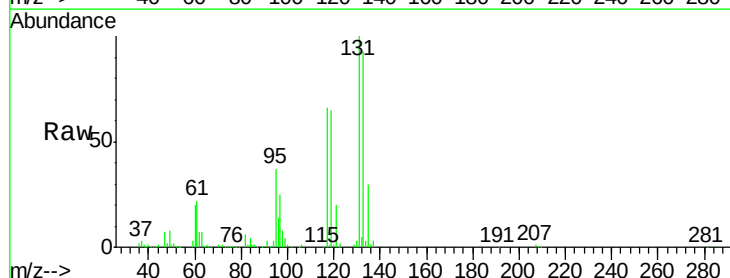
Manual Integrations  
APPROVED

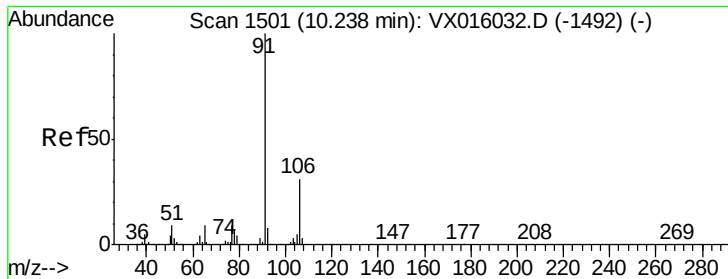
MMDadoda  
5/6/2020 12:27:00 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.818 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Tgt Ion:131 Resp: 64973  
Ion Ratio Lower Upper  
131 100  
133 95.9 48.3 144.8  
119 65.7 32.3 96.9





#67

Ethyl Benzene

Concen: 18.182 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion: 91 Resp: 320063

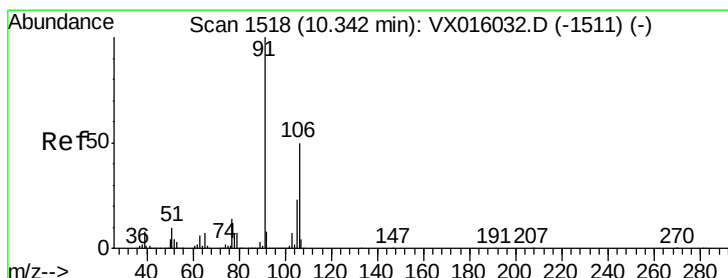
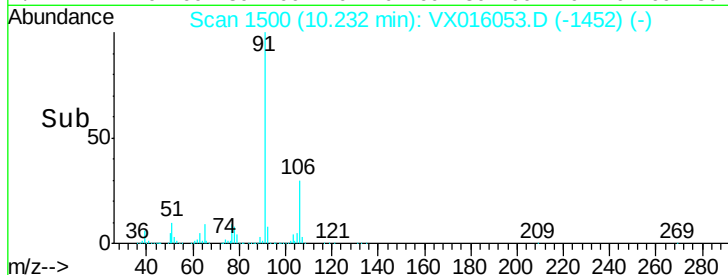
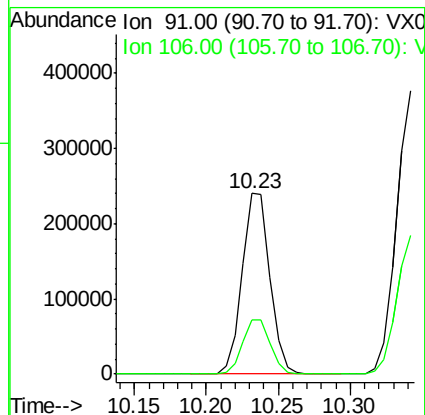
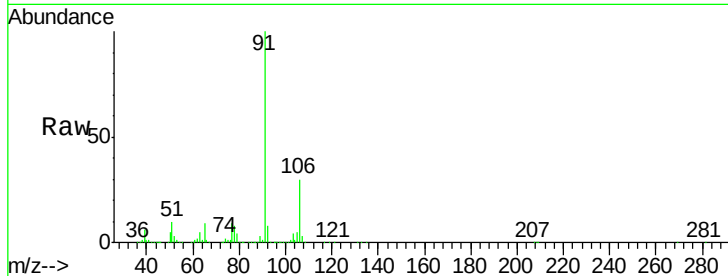
Ion Ratio Lower Upper

91 100

106 30.3 25.1 37.7

Manual Integrations  
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5/6/2020 12:27:00 PM



#68

m/p-Xylenes

Concen: 36.972 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016053.D

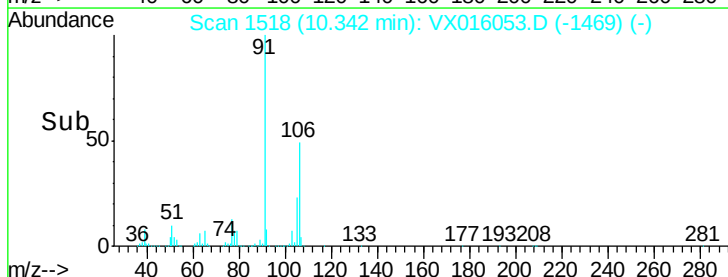
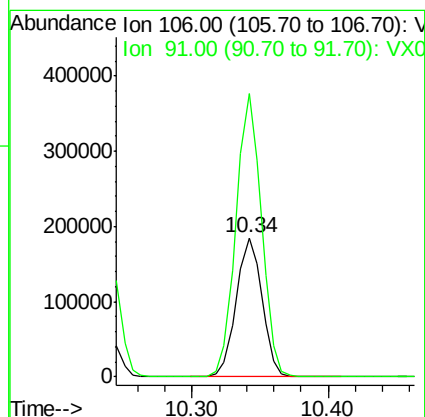
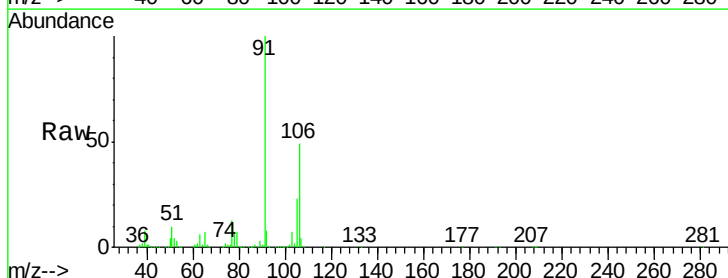
Acq: 05 May 2020 11:10

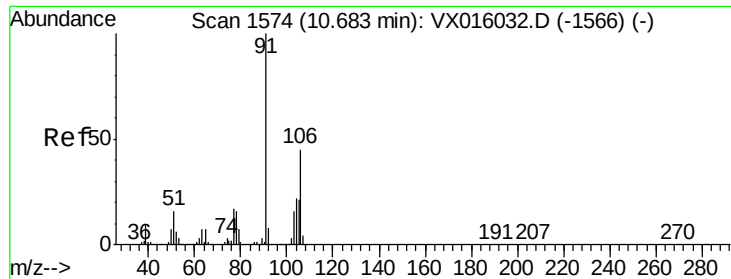
Tgt Ion: 106 Resp: 243837

Ion Ratio Lower Upper

106 100

91 201.1 161.7 242.5





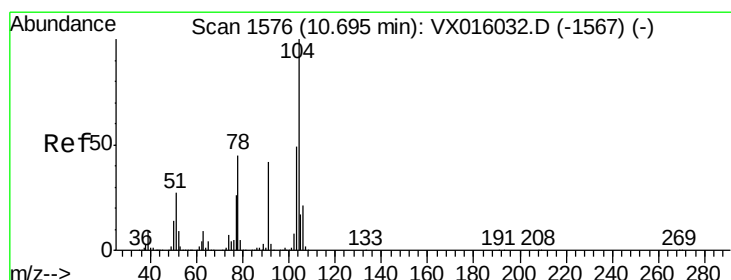
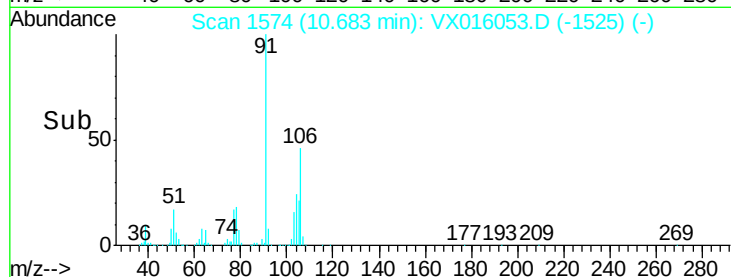
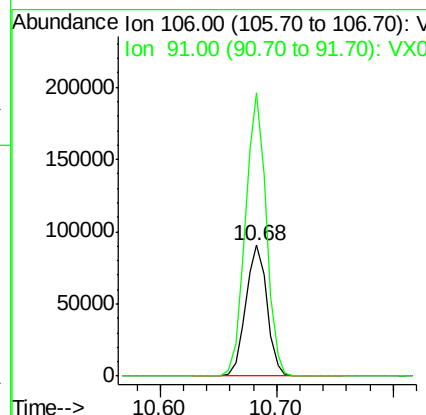
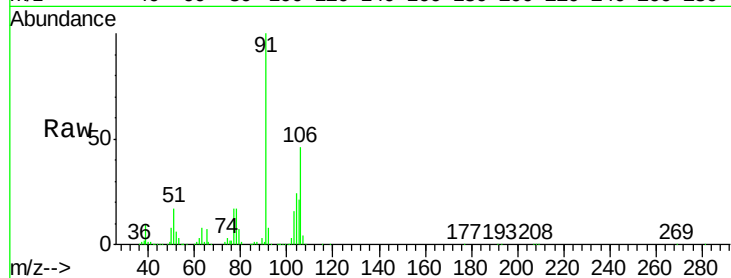
#69  
o-Xylene  
Concen: 18.236 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 212.5 | 107.5 | 322.6 |

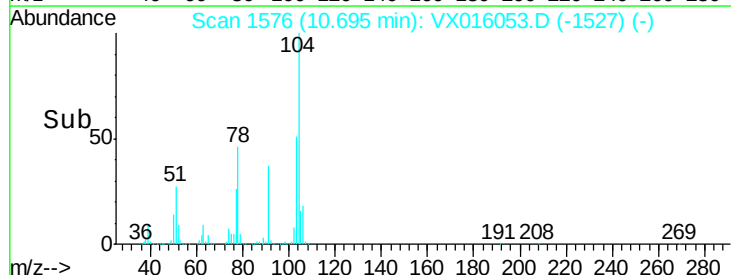
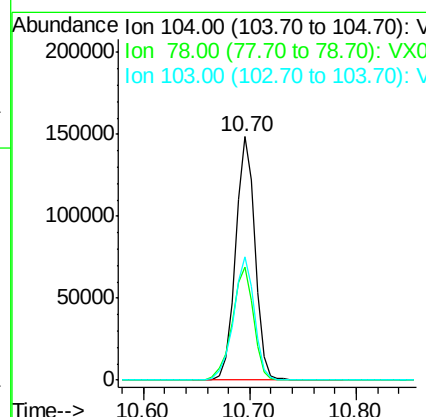
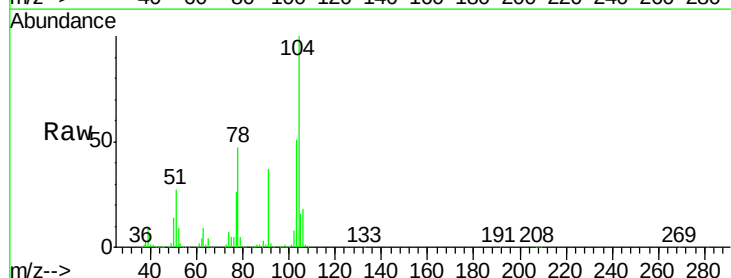
Manual Integrations  
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5/6/2020 12:27:00 PM

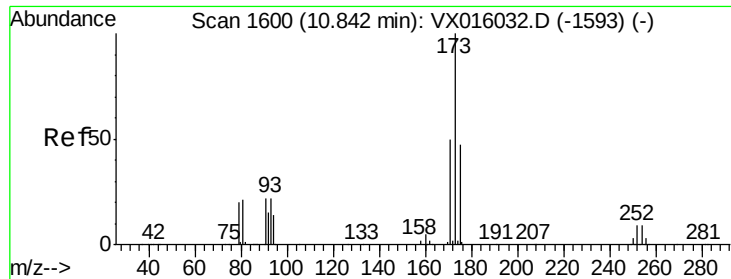


#70  
Styrene  
Concen: 17.648 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 51.3  | 40.2  | 60.2  |
| 103     | 54.6  | 43.0  | 64.6  |







#71

Bromoform

Concen: 17.027 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

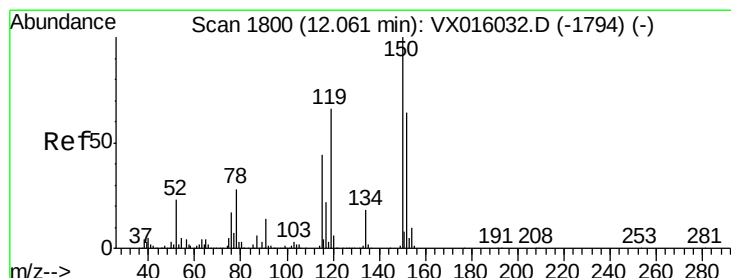
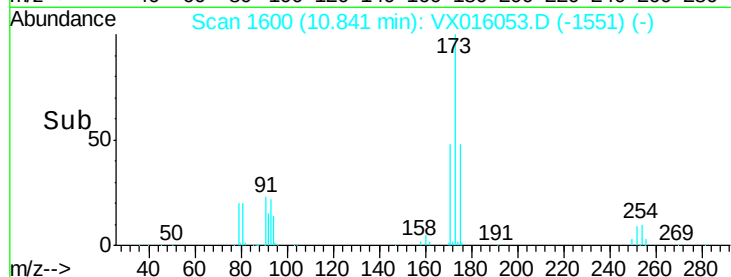
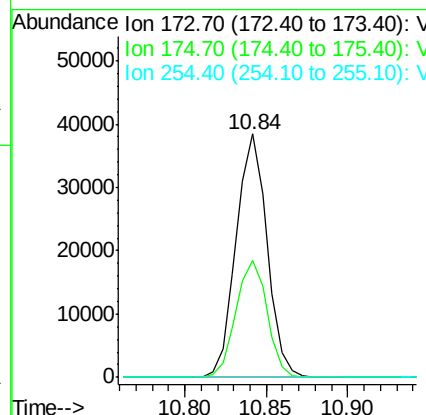
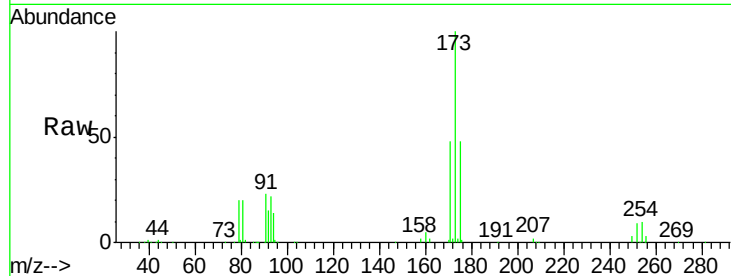
ClientSampleId :

VX0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 50585 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.5  | 24.0  | 72.0  |
| 254       | 0.0   | 0.1   | 0.1#  |

Manual Integrations  
APPROVED

MMDadoda  
5/6/2020 12:27:00 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

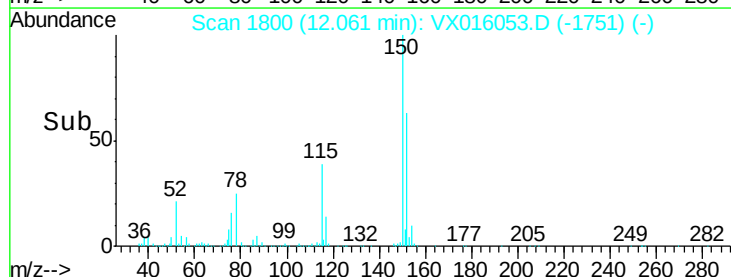
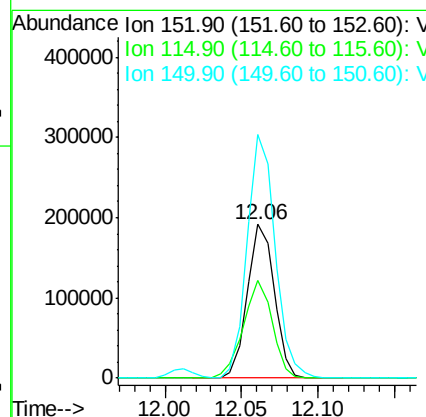
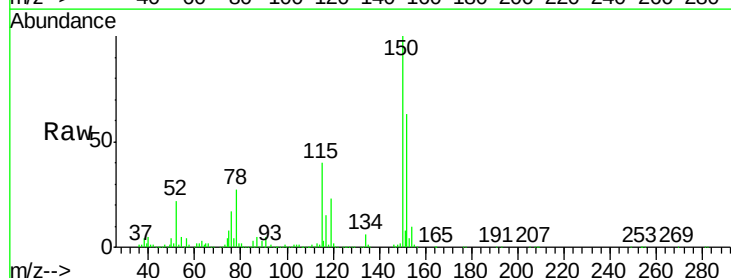
RT: 12.06 min Scan# 1800

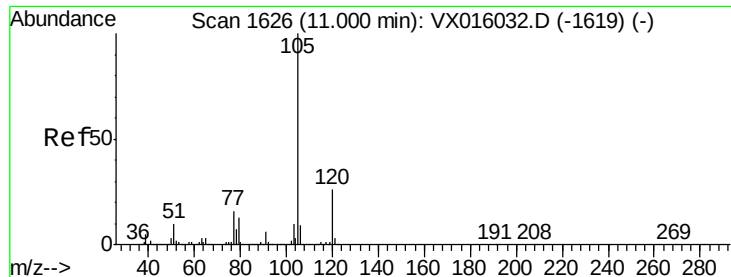
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 235197 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 68.3  | 41.3  | 124.1  |
| 150       | 164.3 | 0.0   | 352.2  |





#73

Isopropylbenzene

Concen: 17.977 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion:105 Resp: 307528

Ion Ratio Lower Upper

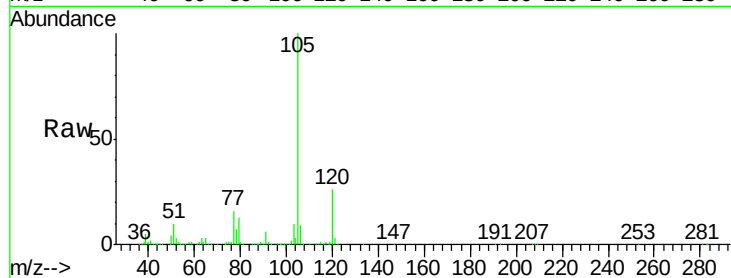
105 100

120 26.5 13.4 40.2

Manual Integrations  
APPROVED

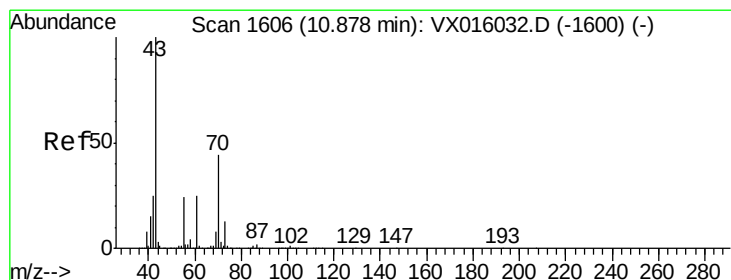
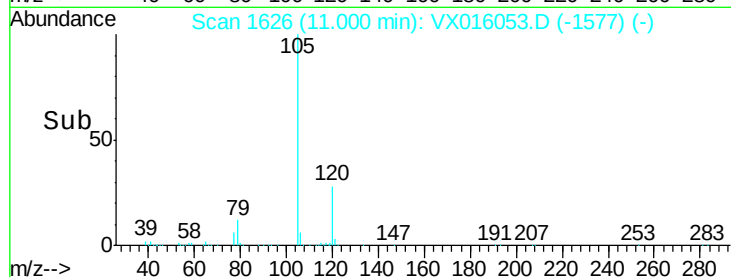
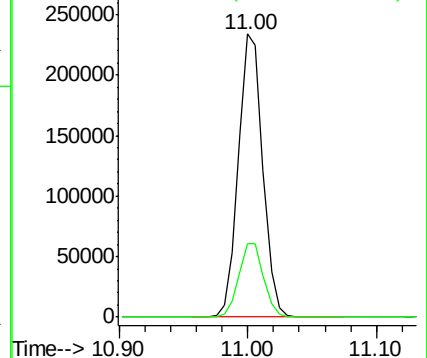
MMDadoda

5/6/2020 12:27:00 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.319 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Tgt Ion: 43 Resp: 138197

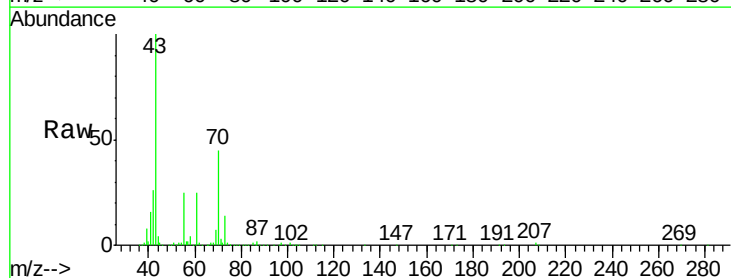
Ion Ratio Lower Upper

43 100

70 45.5 36.5 54.7

55 24.9 19.7 29.5

61 25.8 20.9 31.3

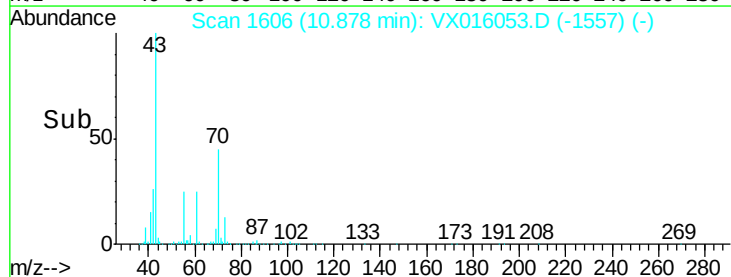
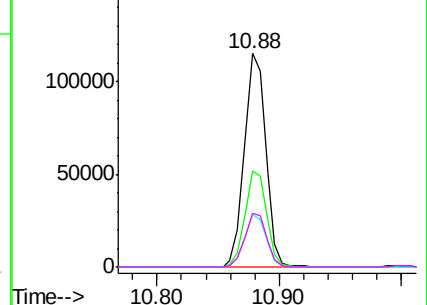


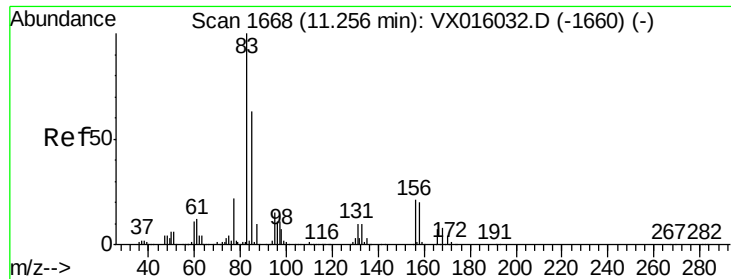
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 16.684 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

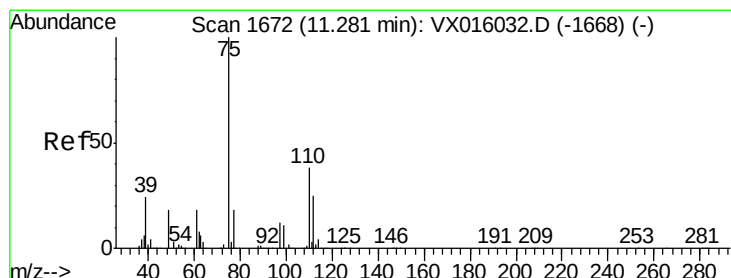
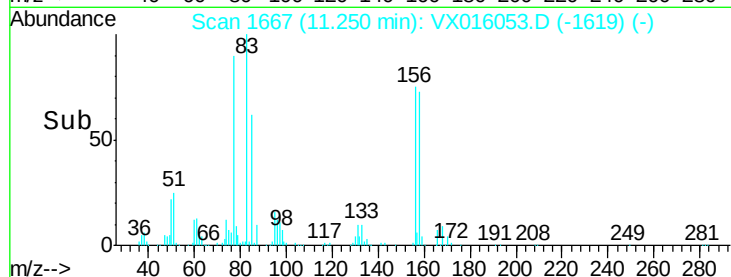
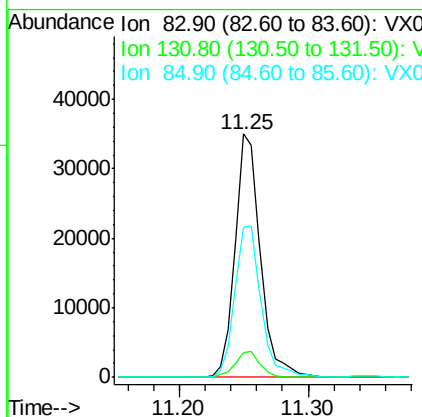
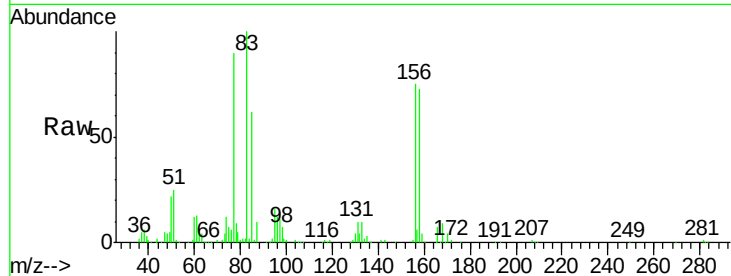
ClientSampleId :

VX0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 48029 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.5  | 5.1   | 15.4  |
| 85        | 65.1  | 32.0  | 96.0  |

Manual Integrations  
APPROVED

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5/6/2020 12:27:00 PM



#76

1,2,3-Trichloropropane

Concen: 17.684 ug/l m

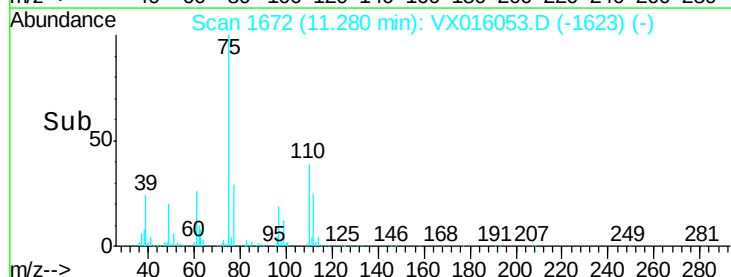
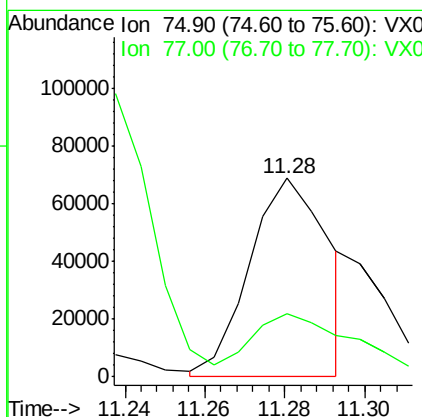
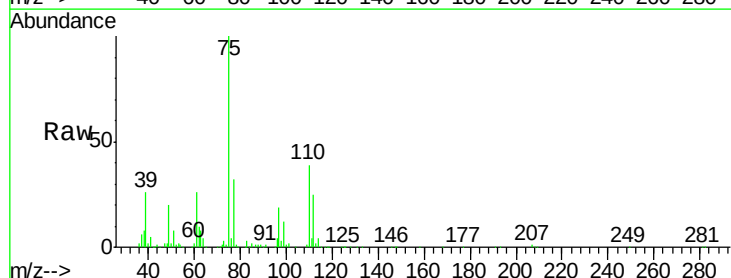
RT: 11.28 min Scan# 1672

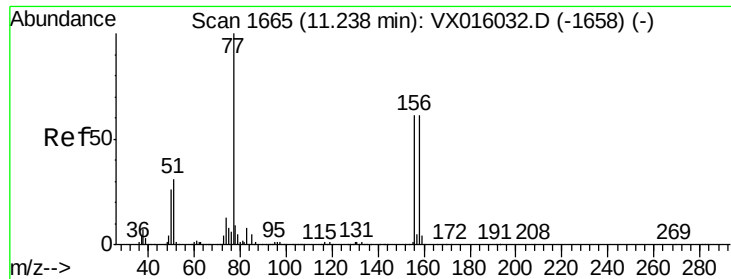
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 94382 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 41.8  | 21.2  | 63.6  |





#77

Bromobenzene

Concen: 17.465 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

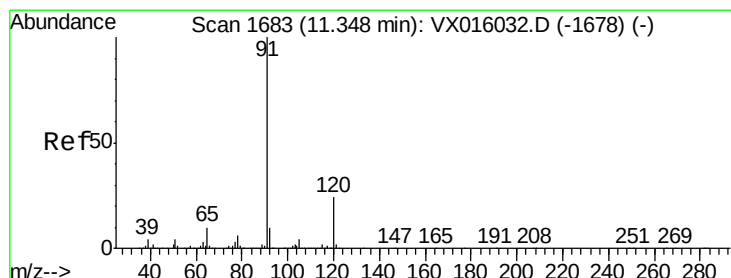
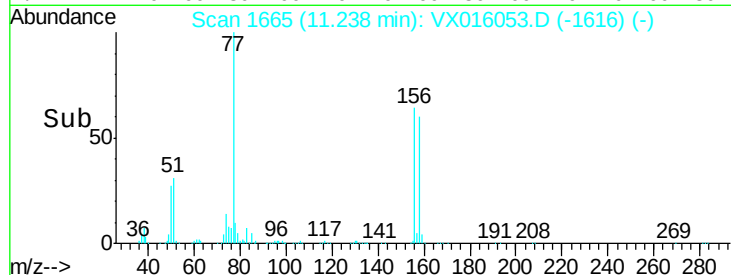
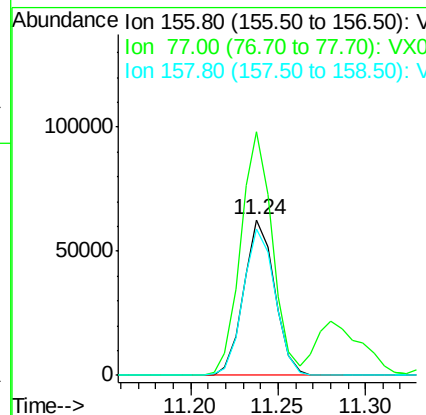
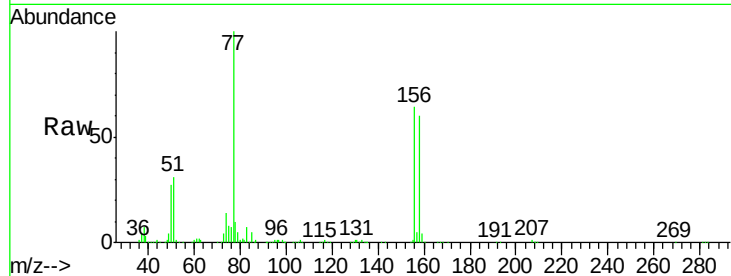
ClientSampled :

VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 160.0 | 80.1  | 240.3 |
| 158     | 96.5  | 49.4  | 148.2 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 17.880 ug/l

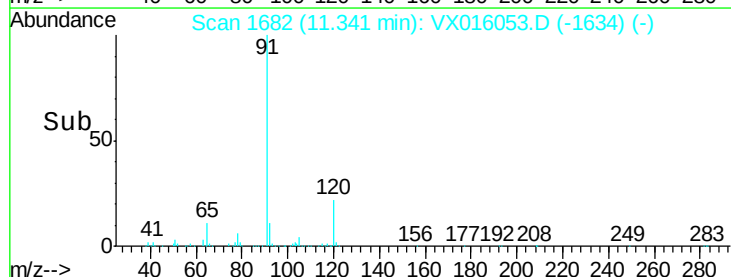
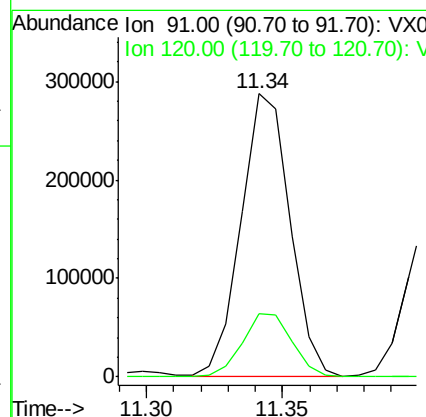
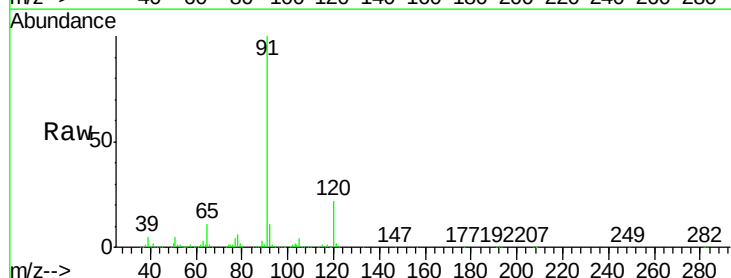
RT: 11.34 min Scan# 1682

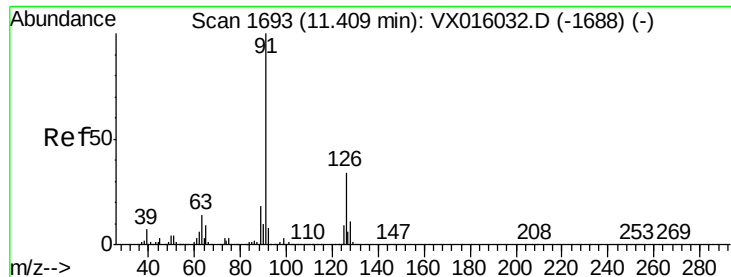
Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.0  | 11.5  | 34.5  |





#79

2-Chlorotoluene

Concen: 17.620 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBS01

Tot Ion: 91 Resp: 206981

Ion Ratio Lower Upper

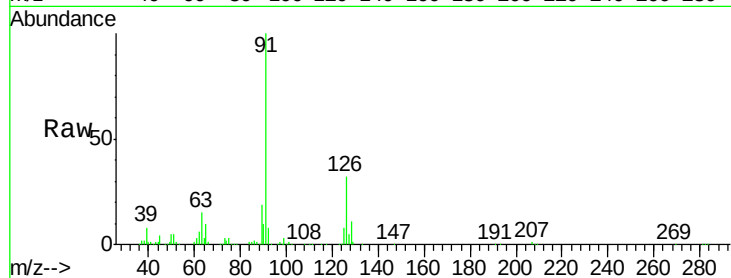
91 100

126 33.7 16.9 50.6

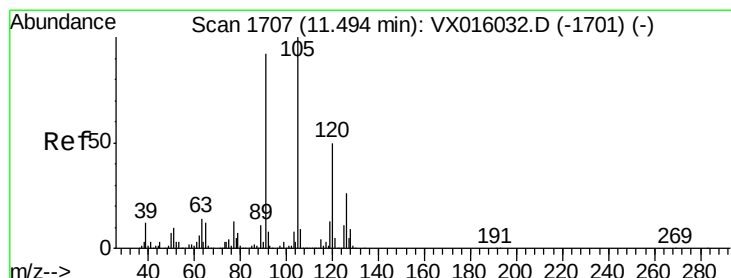
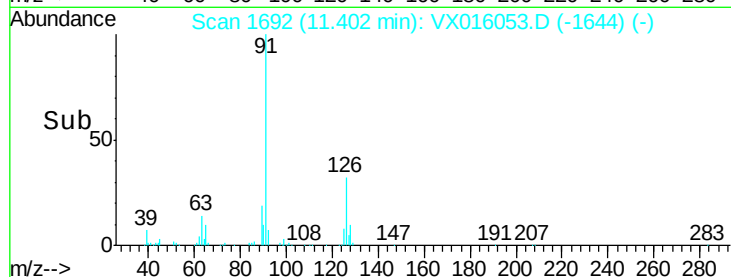
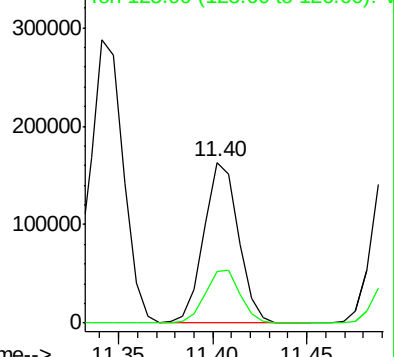
Manual Integrations  
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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.065 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016053.D

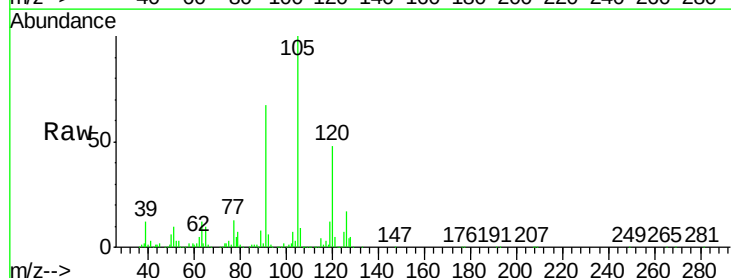
Acq: 05 May 2020 11:10

Tgt Ion: 105 Resp: 260932

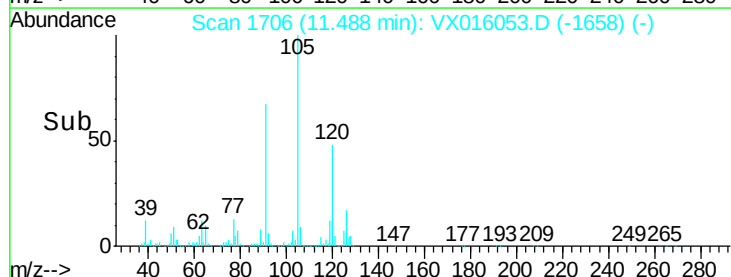
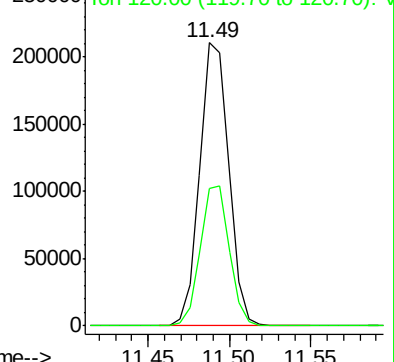
Ion Ratio Lower Upper

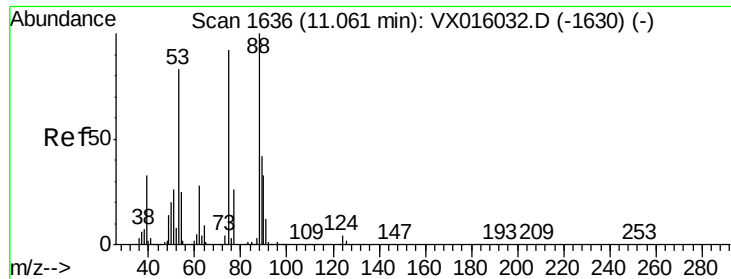
105 100

120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)





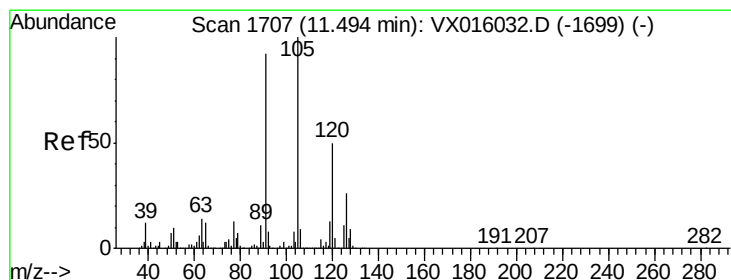
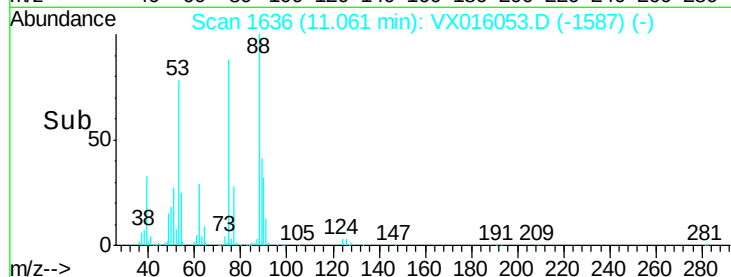
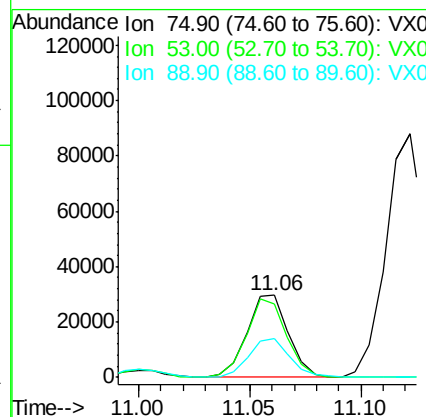
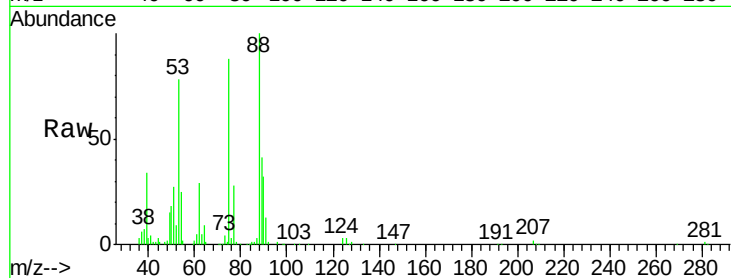
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.075 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 92.7  | 73.1  | 109.7 |
| 89      | 48.0  | 36.7  | 55.1  |

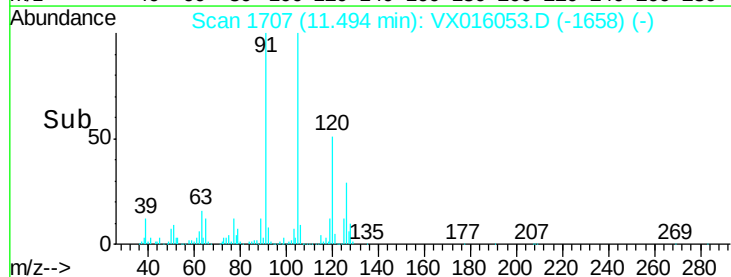
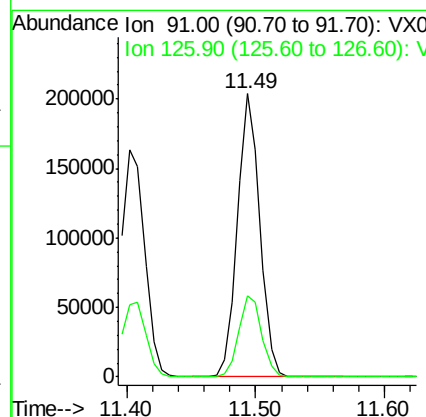
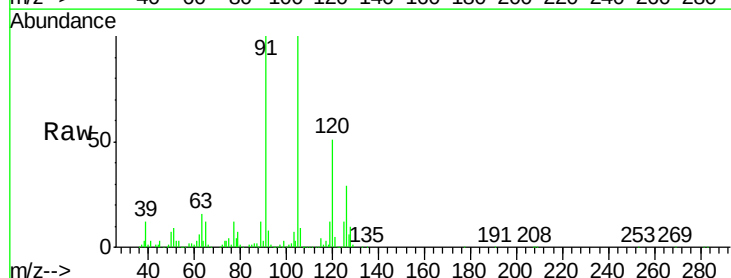
Manual Integrations  
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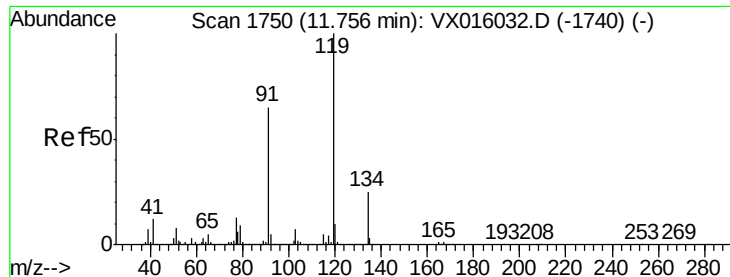
MMDadoda  
5/6/2020 12:27:00 PM



#82  
4-Chlorotoluene  
Concen: 17.824 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX016053.D  
Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.5  | 14.8  | 44.3  |





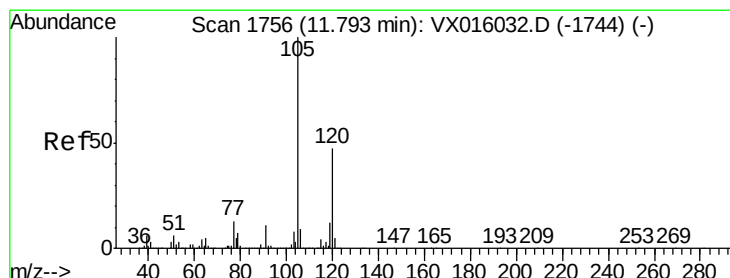
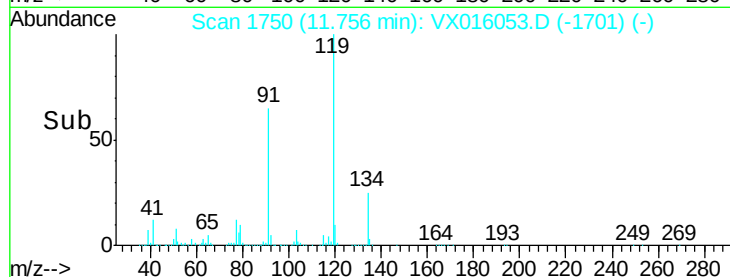
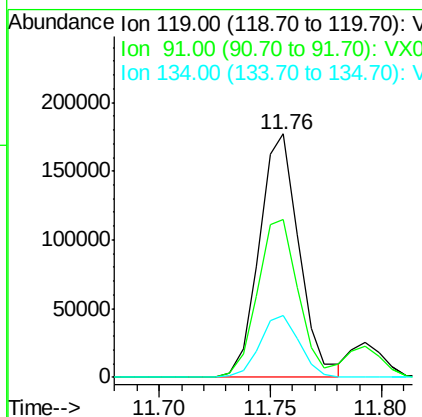
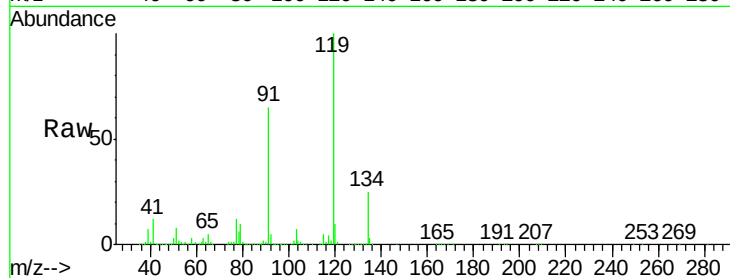
#83  
 tert-Butylbenzene  
 Concen: 17.724 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0505WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 220622 |       |       |
| 91      | 66.2  |        | 32.8  | 98.4  |
| 134     | 25.2  |        | 12.4  | 37.0  |

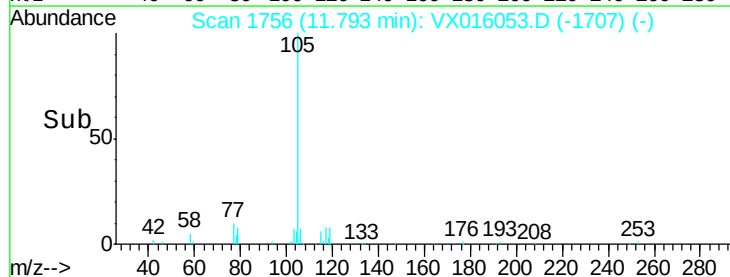
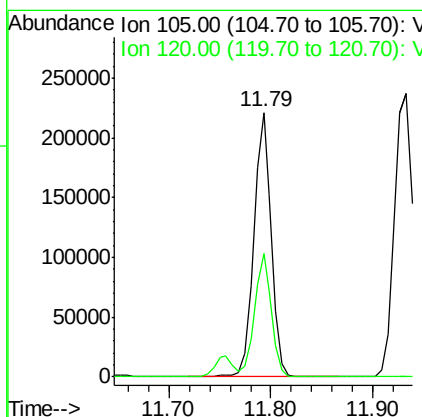
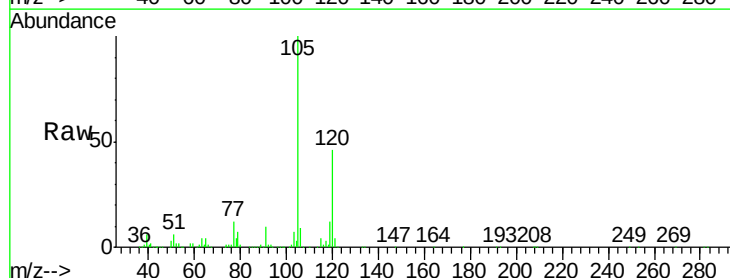
Manual Integrations  
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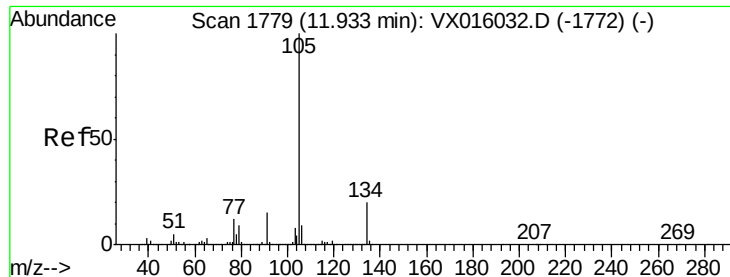
MMDadoda  
 5/6/2020 12:27:00 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.101 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 264326 |       |       |
| 120     | 45.2  |        | 23.0  | 69.0  |





#85

sec-Butylbenzene

Concen: 17.887 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

ClientSampled :

VX0505WBS01

Tot Ion:105 Resp: 300617

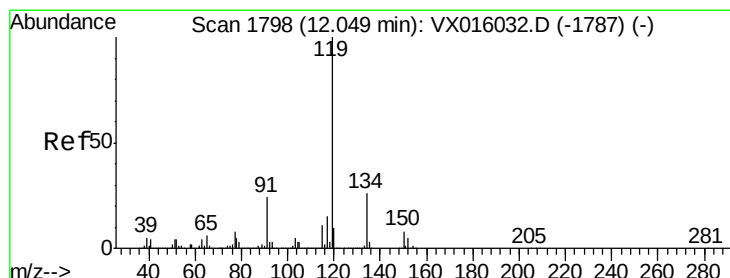
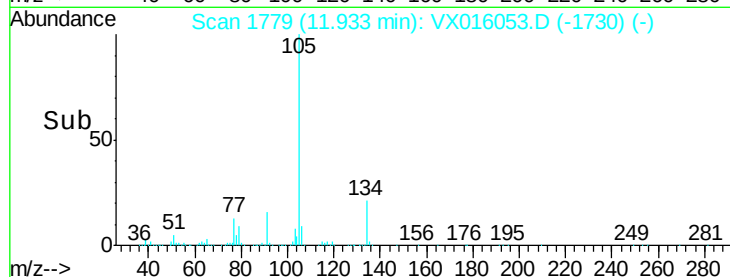
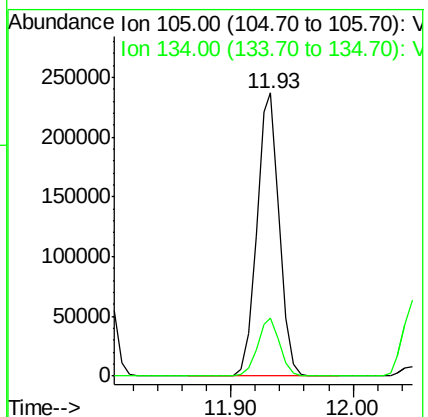
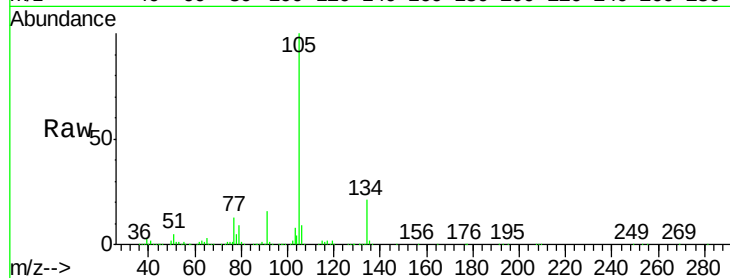
Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3

Manual Integrations  
APPROVED

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5/6/2020 12:27:00 PM



#86

p-Isopropyltoluene

Concen: 17.969 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

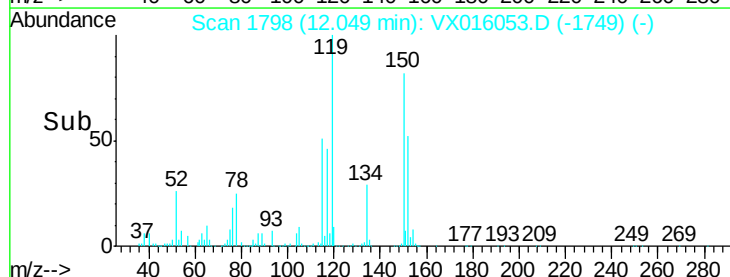
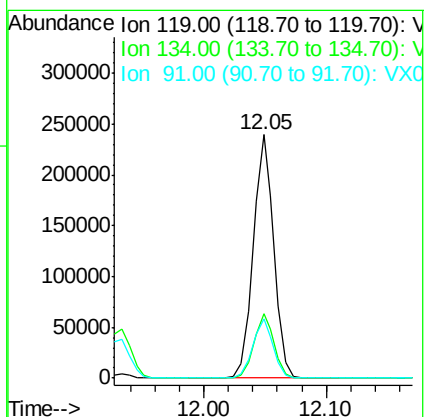
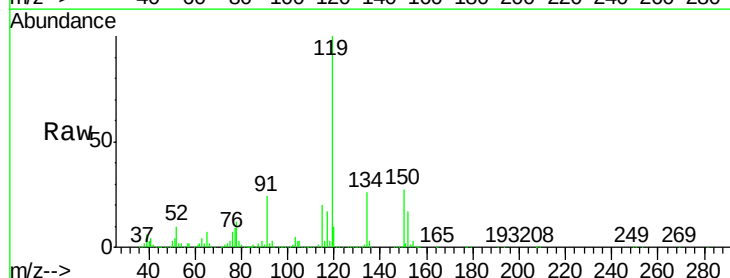
Tgt Ion:119 Resp: 280383

Ion Ratio Lower Upper

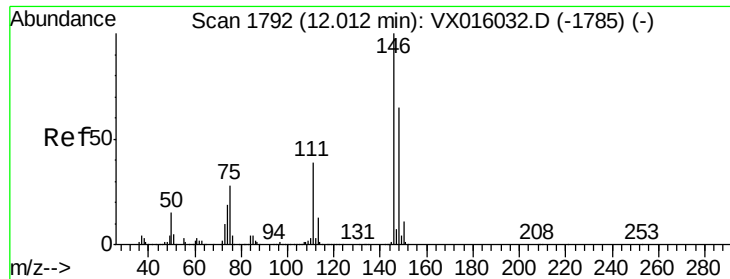
119 100

134 26.1 13.1 39.3

91 24.1 11.8 35.4







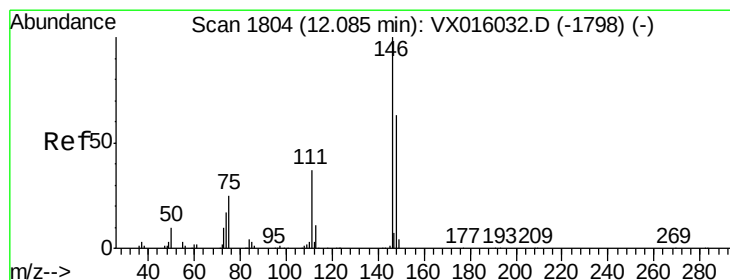
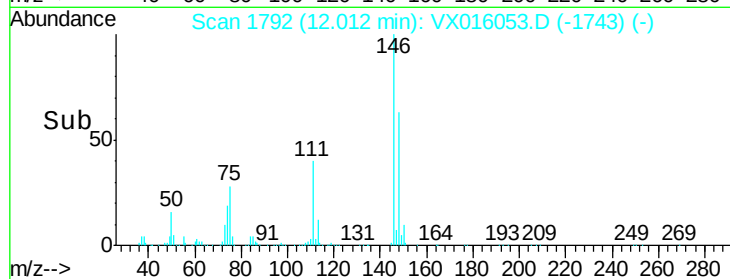
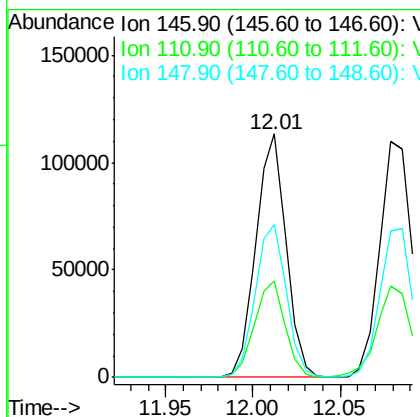
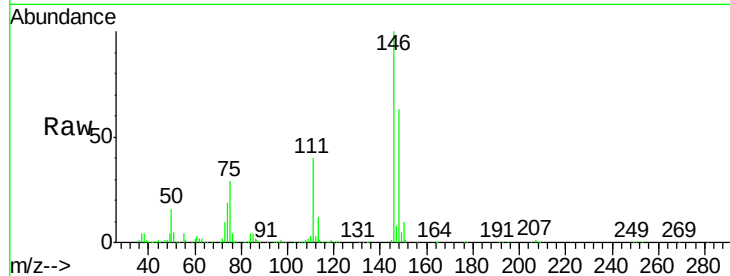
#87  
 1,3-Dichlorobenzene  
 Concen: 17.382 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 20.2  | 60.6  |
| 148     | 64.3  | 32.1  | 96.3  |

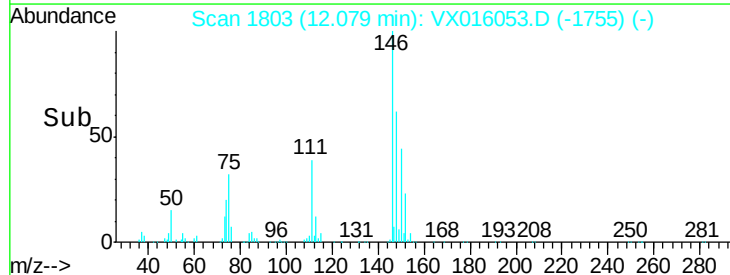
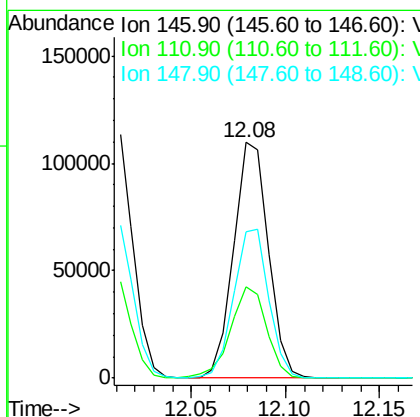
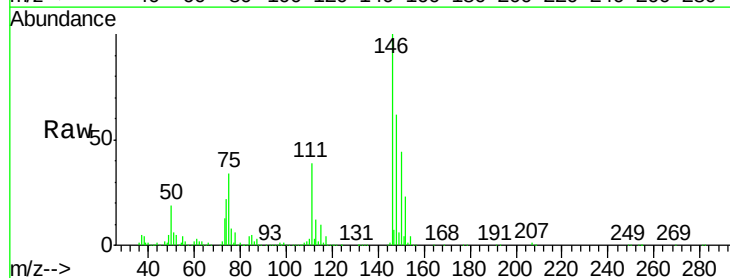
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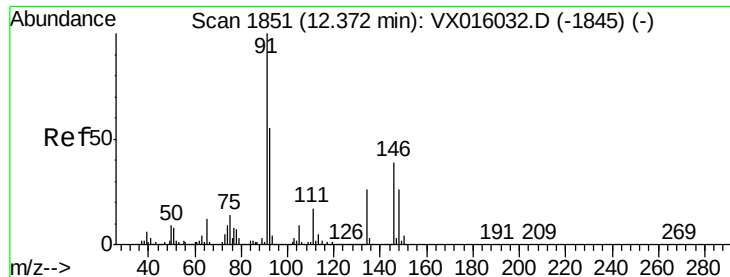
MMDadoda  
 5/6/2020 12:27:00 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 17.397 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 19.6  | 58.7  |
| 148     | 63.9  | 31.8  | 95.3  |





#89

n-Butylbenzene

Concen: 17.369 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

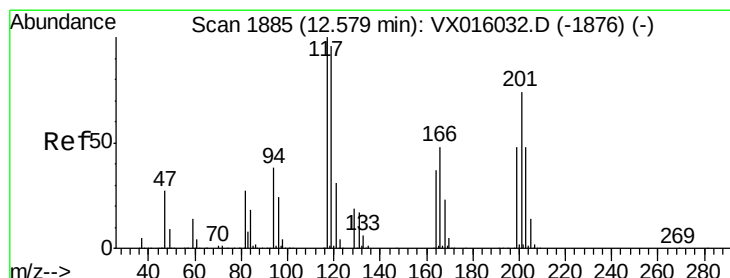
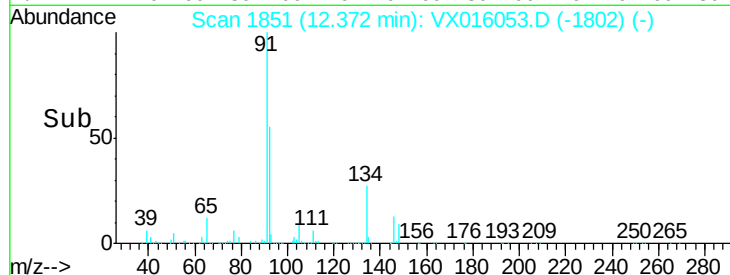
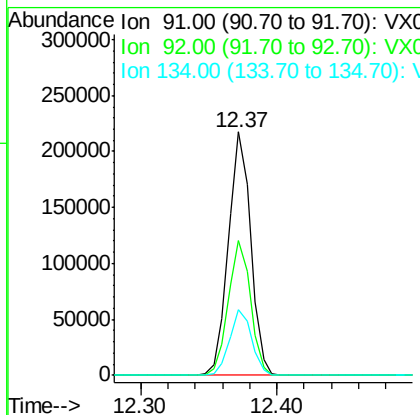
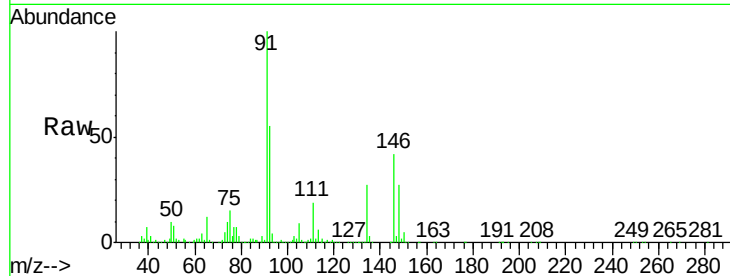
ClientSampled :

VX0505WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 247595 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 55.3  | 27.6  | 82.7   |
| 134      | 26.6  | 13.4  | 40.1   |

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5/6/2020 12:27:00 PM



#90

Hexachloroethane

Concen: 17.620 ug/l

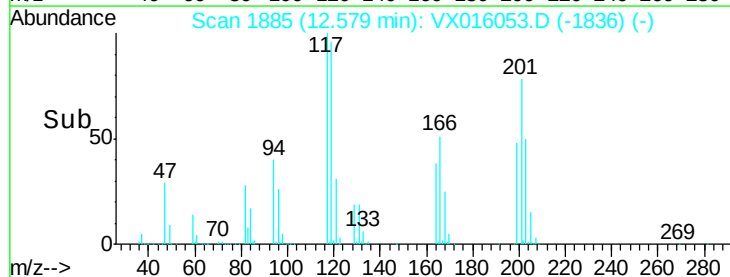
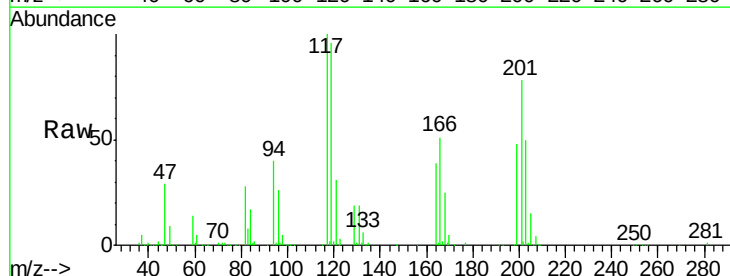
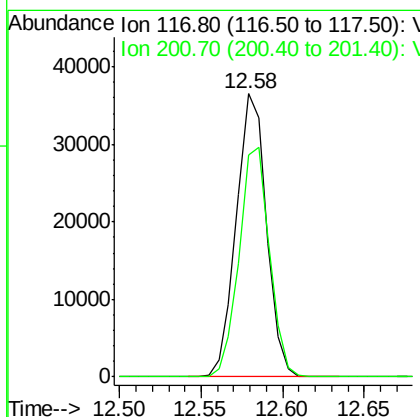
RT: 12.58 min Scan# 1885

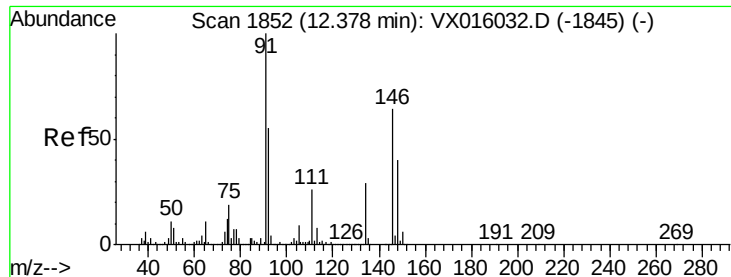
Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 47219 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 81.8  | 39.8  | 119.3 |





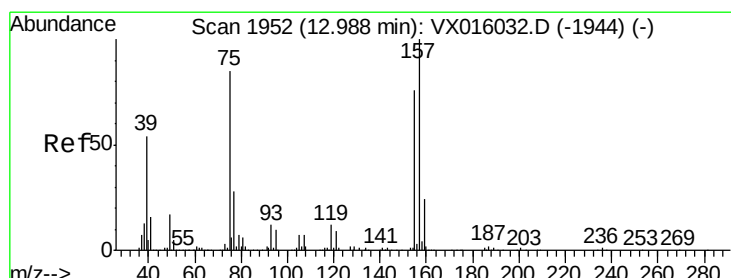
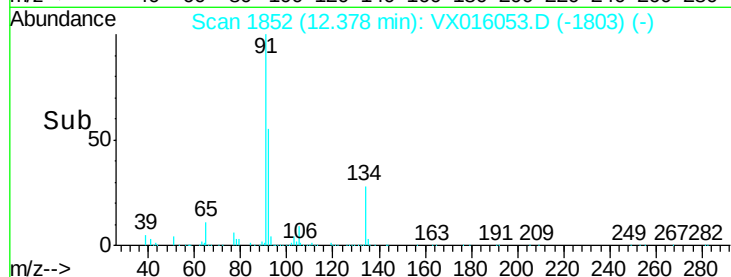
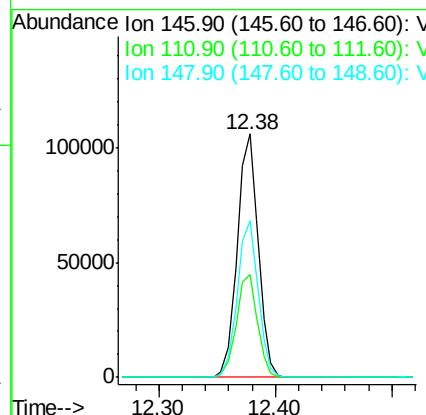
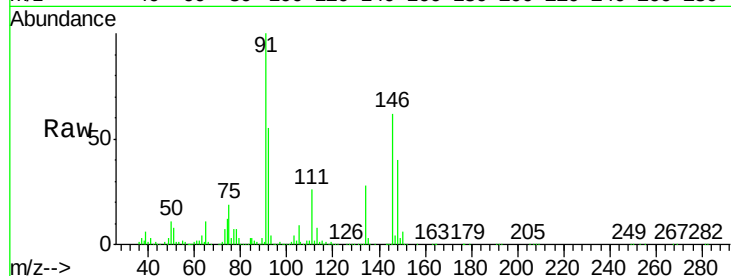
#91  
 1,2-Dichlorobenzene  
 Concen: 17.395 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0505WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 42.4  | 21.1 | 63.1  |       |
| 148     | 64.1  | 32.4 | 97.0  |       |

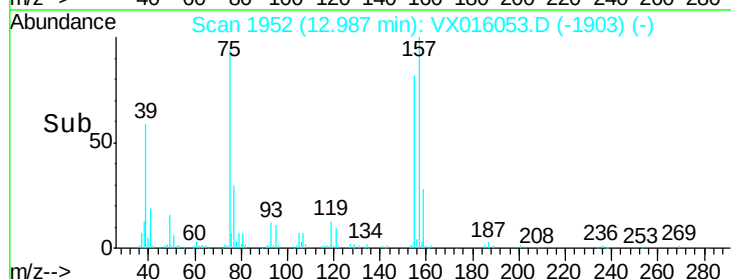
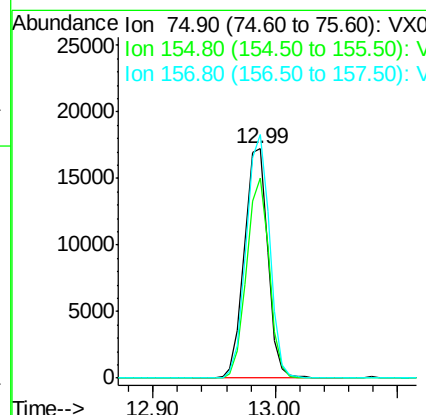
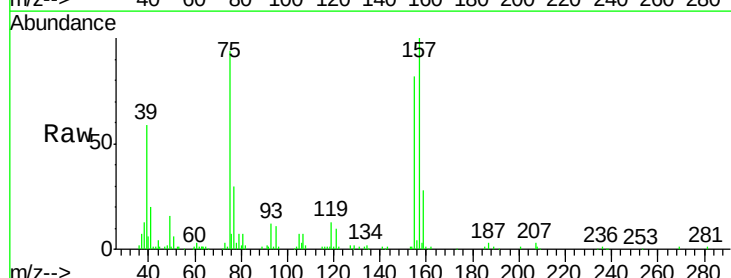
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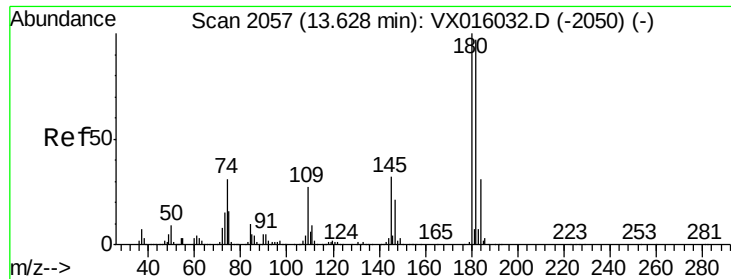
MMDadoda  
 5/6/2020 12:27:00 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.323 ug/l  
 RT: 12.99 min Scan# 1952  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 155     | 83.2  | 42.5 | 127.5 |       |
| 157     | 104.8 | 55.3 | 165.8 |       |





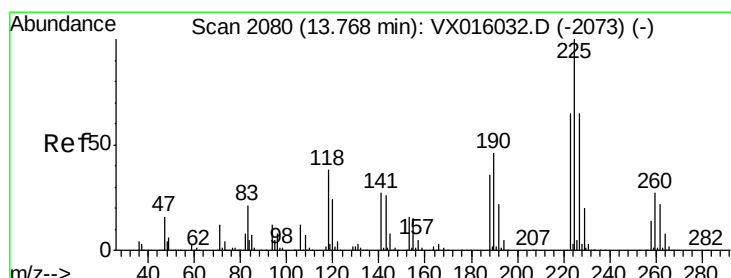
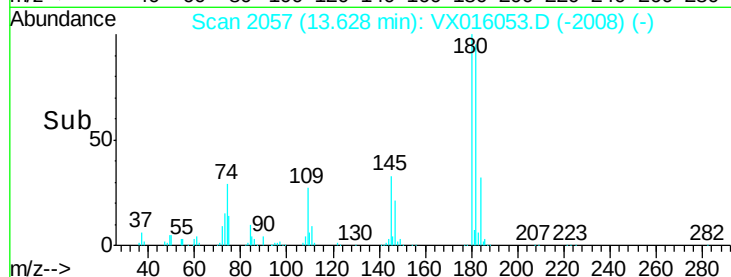
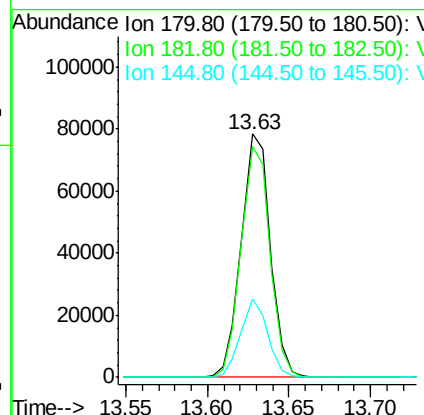
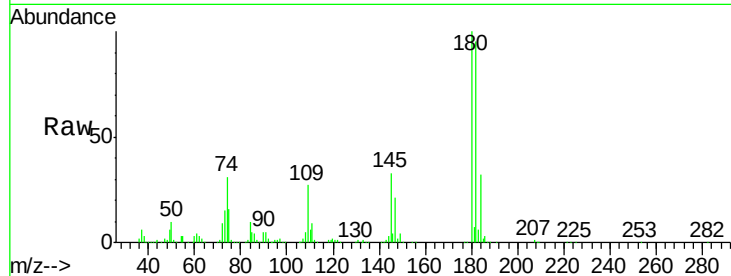
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.291 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 48.7  | 146.1 |
| 145     | 30.1  | 15.7  | 47.1  |

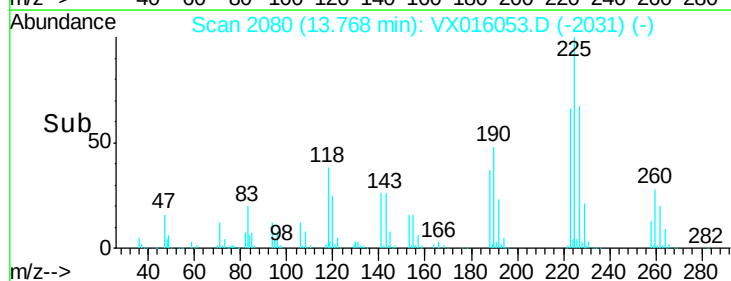
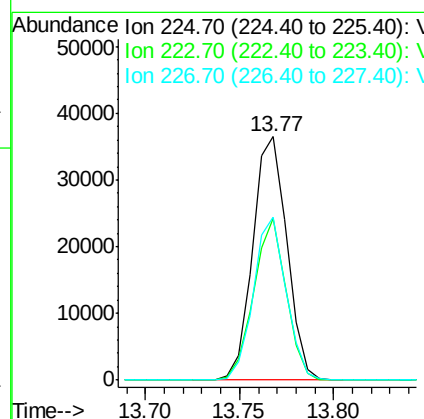
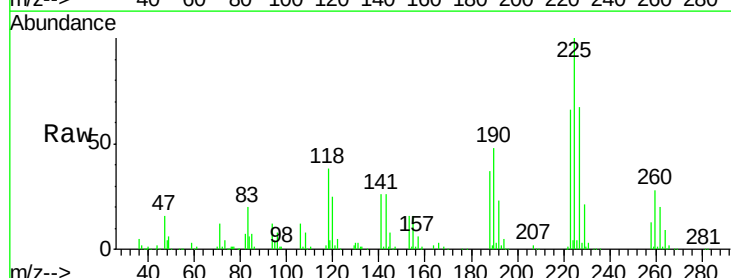
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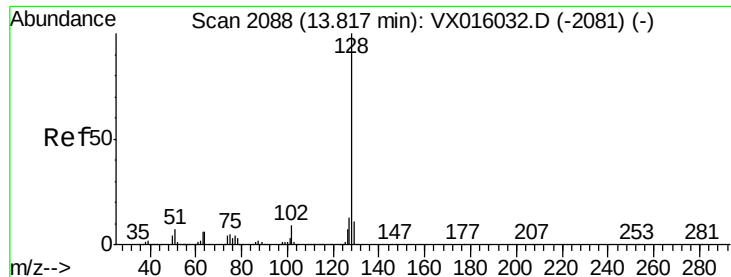
MMDadoda  
 5/6/2020 12:27:00 PM



#94  
 Hexachlorobutadiene  
 Concen: 19.061 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX016053.D  
 Acq: 05 May 2020 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.4  | 32.3  | 96.9  |
| 227     | 64.4  | 31.8  | 95.4  |





#95

Naphthalene

Concen: 17.023 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA\_X

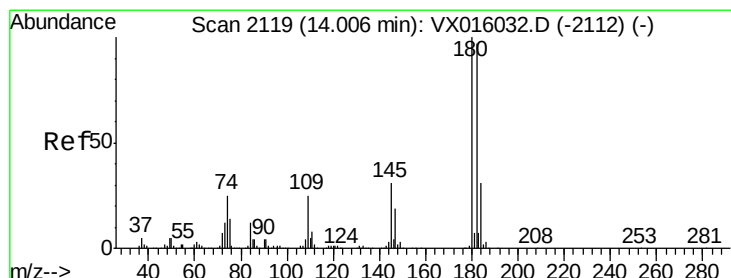
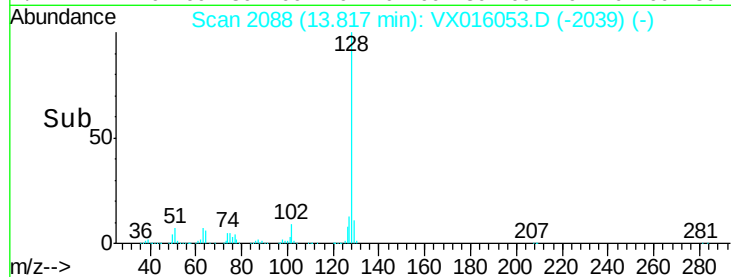
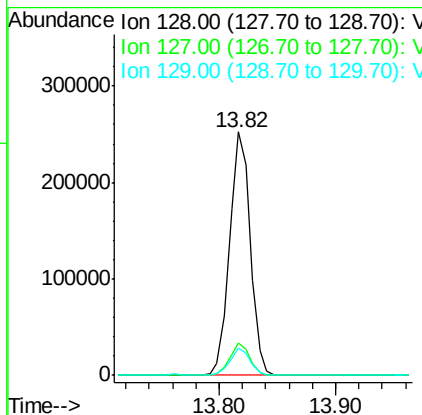
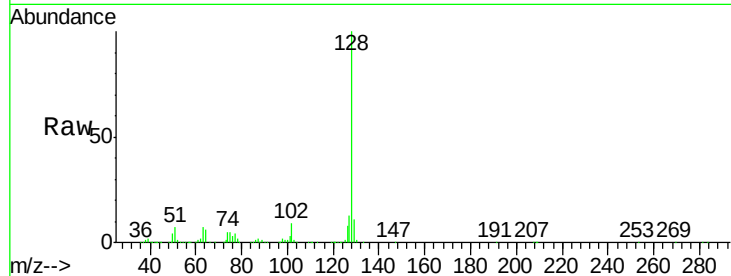
ClientSampleId :

VX0505WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 311541 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.2  | 15.4   |
| 129       | 10.8  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 17.334 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 95750 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.2  | 48.4  | 145.0 |
| 145       | 32.3  | 16.4  | 49.1  |

