

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\  
 Data File : VX016168.D  
 Acq On : 13 May 2020 10:57  
 Operator : JC/SP  
 Sample : VX0513WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/14/2020 12:15:54 PM

Quant Time: May 14 06:27:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 308086   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 483164   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 446336   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 218783   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 192215   | 47.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.82%  |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 150526   | 49.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.34%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 604356   | 51.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.48% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 222570   | 49.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.22%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 61737    | 18.932 | ug/l  | 100    |
| 3) Chloromethane              | 1.32 | 50   | 69156    | 18.261 | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.39 | 62   | 72311    | 17.897 | ug/l  | 98     |
| 5) Bromomethane               | 1.63 | 94   | 44771    | 21.979 | ug/l  | 95     |
| 6) Chloroethane               | 1.72 | 64   | 44848    | 18.243 | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 96100    | 18.117 | ug/l  | 100    |
| 8) Diethyl Ether              | 2.17 | 74   | 39998    | 17.896 | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 56415    | 18.434 | ug/l  | 98     |
| 10) Methyl Iodide             | 2.50 | 142  | 60616    | 14.746 | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.01 | 59   | 83552    | 81.500 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 55940    | 17.467 | ug/l  | 94     |
| 13) Acrolein                  | 2.27 | 56   | 39496    | 61.566 | ug/l  | 97     |
| 14) Allyl chloride            | 2.71 | 41   | 105093   | 17.897 | ug/l  | 97     |
| 15) Acrylonitrile             | 3.11 | 53   | 185751   | 87.341 | ug/l  | 99     |
| 16) Acetone                   | 2.42 | 43   | 144532   | 79.900 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.55 | 76   | 168938   | 17.431 | ug/l  | 99     |
| 18) Methyl Acetate            | 2.75 | 43   | 82438    | 18.535 | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 209094   | 18.939 | ug/l  | 100    |
| 20) Methylene Chloride        | 2.84 | 84   | 66896    | 17.939 | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 63273    | 17.729 | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.82 | 45   | 206859   | 18.673 | ug/l  | 93     |
| 23) Vinyl Acetate             | 3.78 | 43   | 888901   | 91.204 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 117365   | 18.939 | ug/l  | 99     |
| 25) 2-Butanone                | 4.63 | 43   | 253673   | 87.027 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.56 | 77   | 106554   | 18.828 | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96   | 73705    | 18.891 | ug/l  | 98     |
| 28) Bromochloromethane        | 4.98 | 49   | 52445    | 18.560 | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42   | 168703   | 87.348 | ug/l  | 99     |
| 30) Chloroform                | 5.18 | 83   | 115320   | 18.690 | ug/l  | 98     |
| 31) Cyclohexane               | 5.54 | 56   | 103578   | 18.391 | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 104517   | 18.635 | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 87742    | 18.448 | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.79 | 43   | 99907    | 18.124 | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 91991    | 19.029 | ug/l  | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\  
 Data File : VX016168.D  
 Acq On : 13 May 2020 10:57  
 Operator : JC/SP  
 Sample : VX0513WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0513WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/14/2020 12:15:54 PM

Quant Time: May 14 06:27:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 103779   | 18.119  | ug/l  | 99       |
| 40) Benzene                    | 6.11  | 78   | 268802   | 19.316  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.00  | 41   | 52868    | 17.759  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 93853    | 18.722  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 162136   | 18.434  | ug/l  | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 96936    | 19.607  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 69525    | 19.745  | ug/l  | 97       |
| 46) Dibromomethane             | 7.63  | 93   | 45423    | 18.982  | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.88  | 83   | 93379    | 19.160  | ug/l  | 97       |
| 48) Methyl methacrylate        | 7.74  | 41   | 74456    | 17.865  | ug/l  | 96       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 33149    | 331.645 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 501210   | 93.124  | ug/l  | 99       |
| 52) Toluene                    | 8.76  | 92   | 169149   | 19.501  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 108652   | 18.698  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 116420   | 19.181  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 66099    | 19.369  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 105917   | 19.014  | ug/l  | 96       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 115928   | 19.468  | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 272708   | 91.956  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 382899   | 90.589  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 73867    | 19.653  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 70291    | 19.015  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 108234   | 19.753  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.12 | 112  | 178556   | 19.106  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 67096    | 19.424  | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.23 | 91   | 321415   | 19.275  | ug/l  | 97       |
| 68) m/p-Xylenes                | 10.34 | 106  | 241805   | 38.704  | ug/l  | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 116005   | 19.317  | ug/l  | 99       |
| 70) Styrene                    | 10.70 | 104  | 193341   | 18.977  | ug/l  | 99       |
| 71) Bromoform                  | 10.84 | 173  | 53388    | 18.970  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 310732   | 19.527  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 137284   | 18.496  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 49326    | 18.159  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 95787m   | 19.294  | ug/l  |          |
| 77) Bromobenzene               | 11.24 | 156  | 76813    | 18.701  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 355153   | 19.185  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 212467   | 19.444  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 259539   | 19.317  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 38949    | 18.696  | ug/l  | 95       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 249151   | 19.308  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 218759   | 18.893  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 261972   | 19.286  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 291136   | 18.622  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 273559   | 18.847  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 138698   | 18.806  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 141682   | 18.928  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 235915   | 17.791  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 46664    | 18.719  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 135930   | 19.141  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 22875    | 17.482  | ug/l  | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\  
Data File : VX016168.D  
Acq On : 13 May 2020 10:57  
Operator : JC/SP  
Sample : VX0513WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

Manual Integrations  
APPROVED

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5/14/2020 12:15:54 PM

Quant Time: May 14 06:27:19 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 95307    | 18.127 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 38848    | 17.503 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 313711   | 18.427 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 94992    | 18.487 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion:168 Resp: 308086

Ion Ratio Lower Upper

168 100

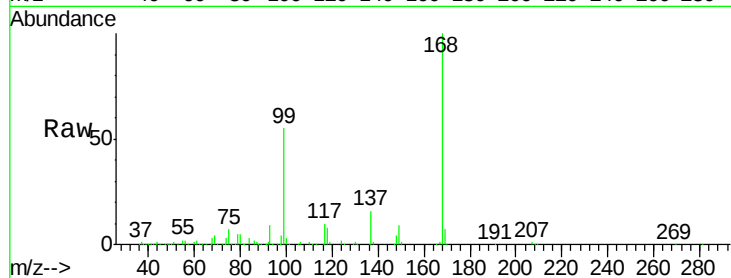
99 54.9 45.0 67.4

Manual Integrations

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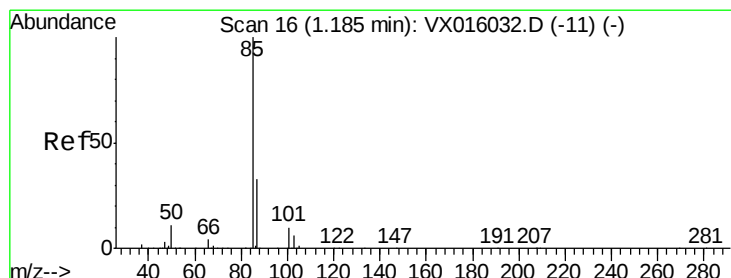
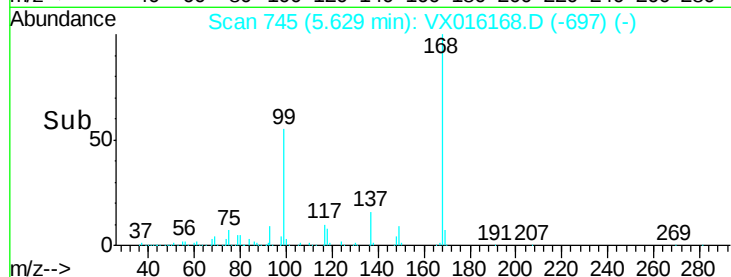
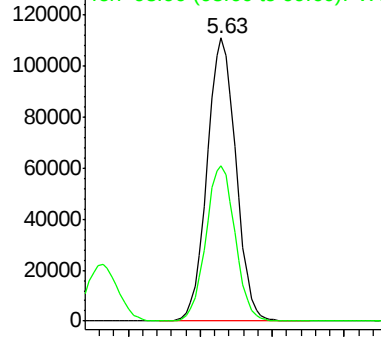
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.932 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016168.D

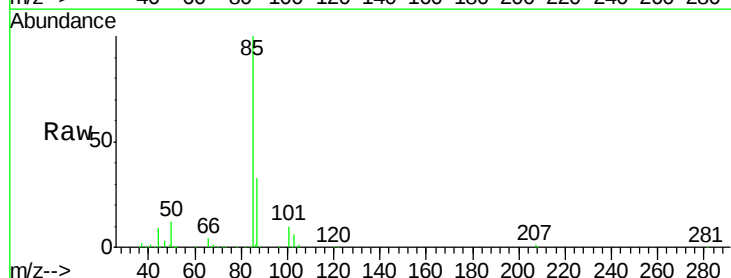
Acq: 13 May 2020 10:57

Tgt Ion: 85 Resp: 61737

Ion Ratio Lower Upper

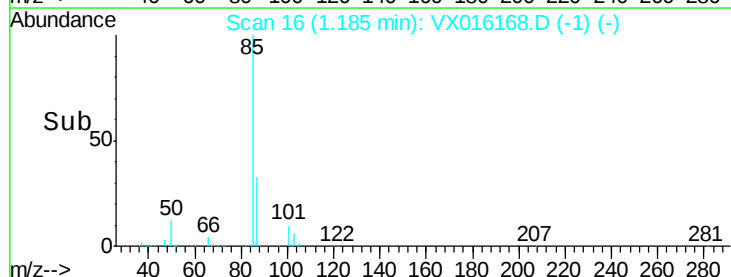
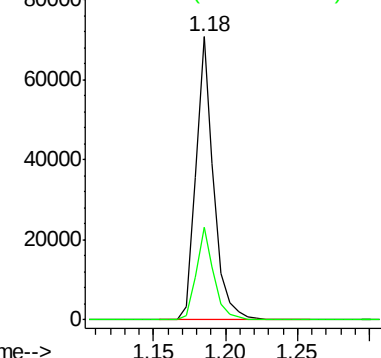
85 100

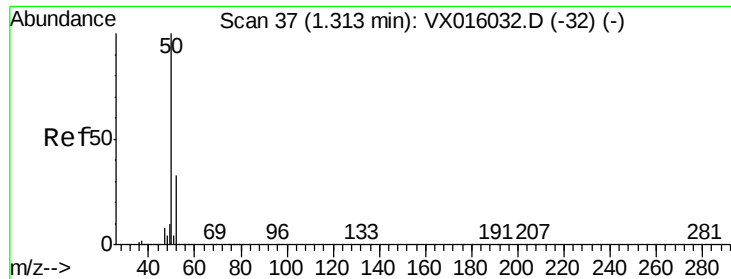
87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.261 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 50 Resp: 69156

Ion Ratio Lower Upper

50 100

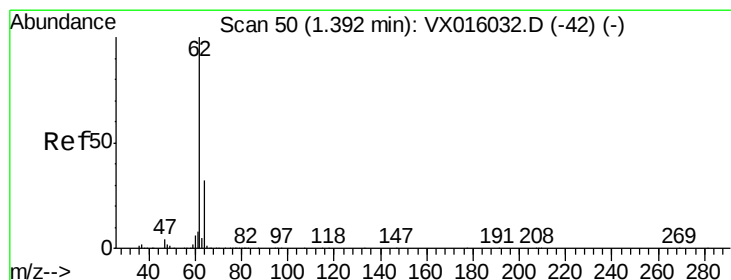
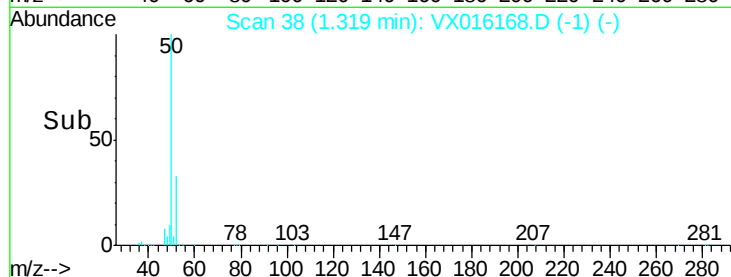
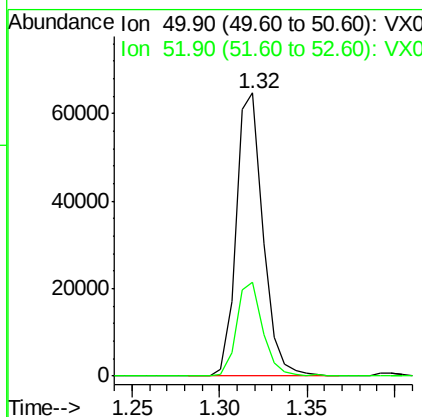
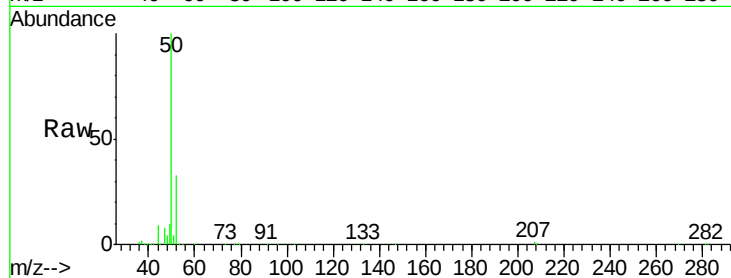
52 33.3 26.1 39.1

Manual Integrations

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5/14/2020 12:15:54 PM



#4

Vinyl Chloride

Concen: 17.897 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016168.D

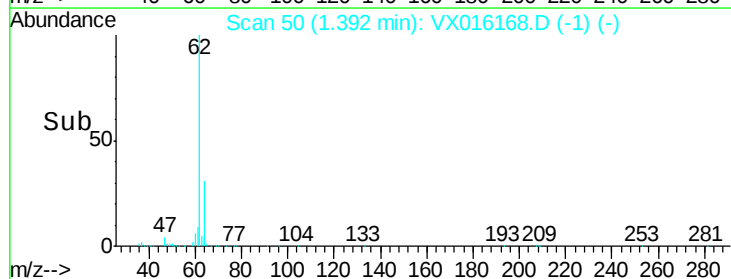
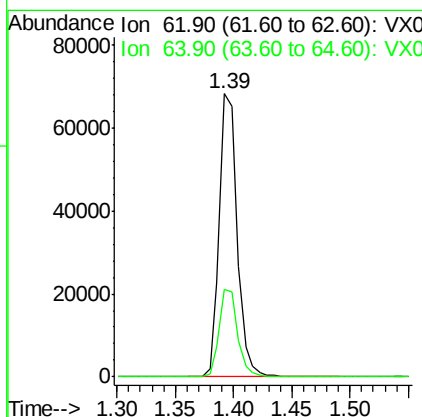
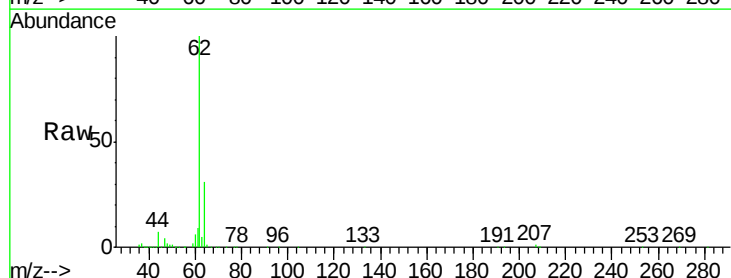
Acq: 13 May 2020 10:57

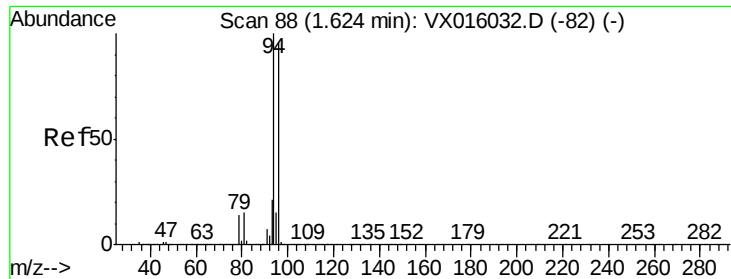
Tgt Ion: 62 Resp: 72311

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 21.979 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 94 Resp: 44771

Ion Ratio Lower Upper

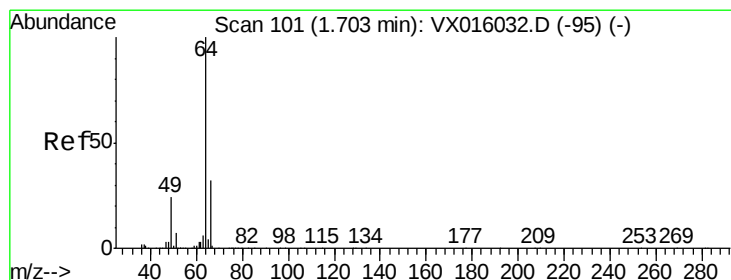
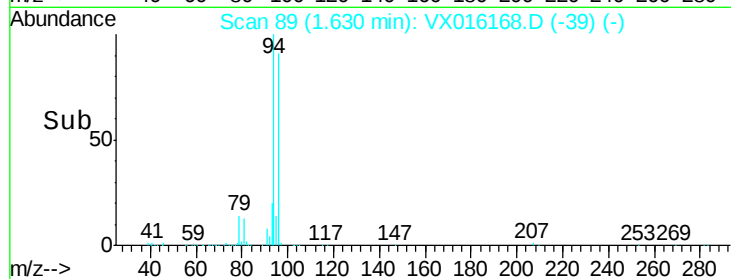
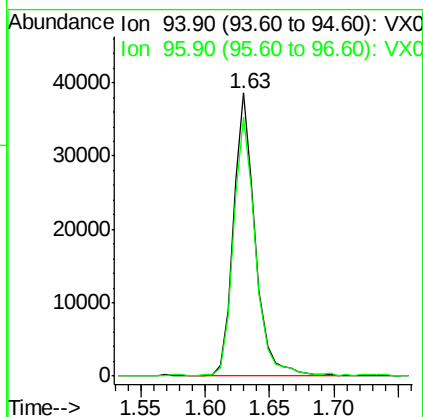
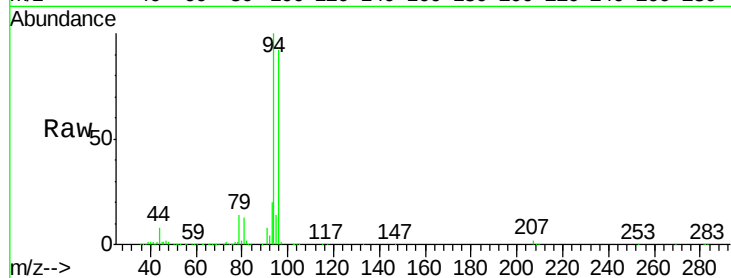
94 100

96 91.6 76.9 115.3

Manual Integrations  
APPROVED

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5/14/2020 12:15:54 PM



#6

Chloroethane

Concen: 18.243 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016168.D

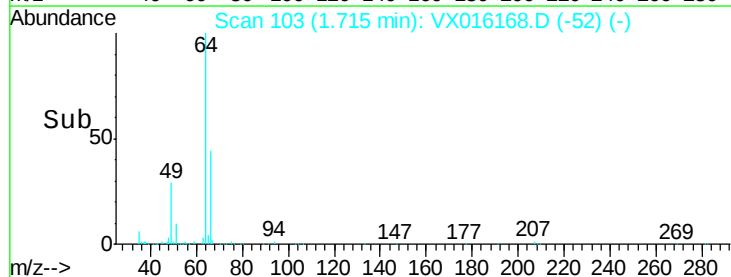
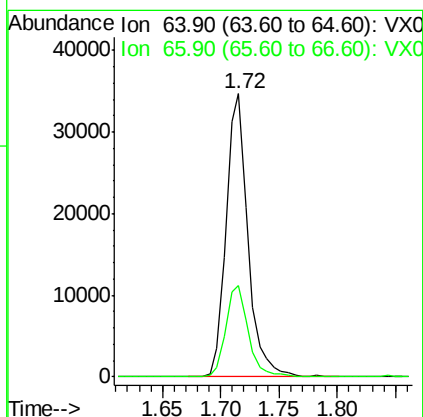
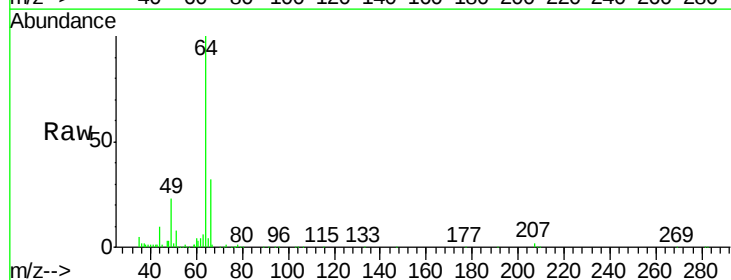
Acq: 13 May 2020 10:57

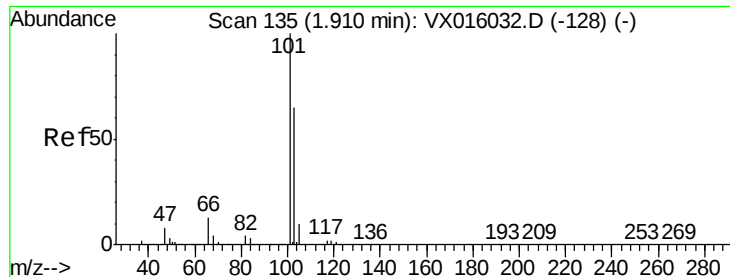
Tgt Ion: 64 Resp: 44848

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

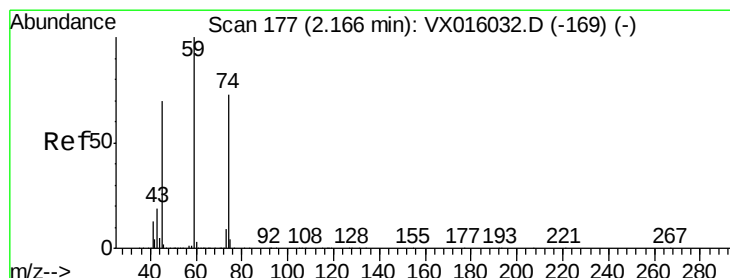
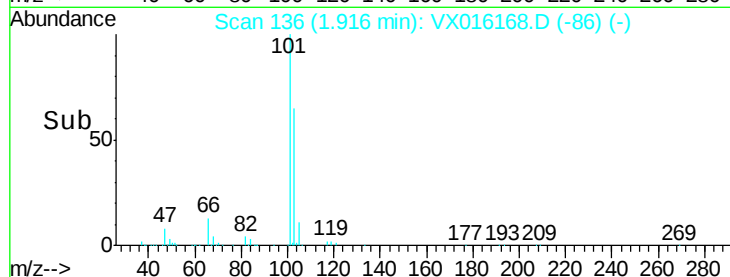
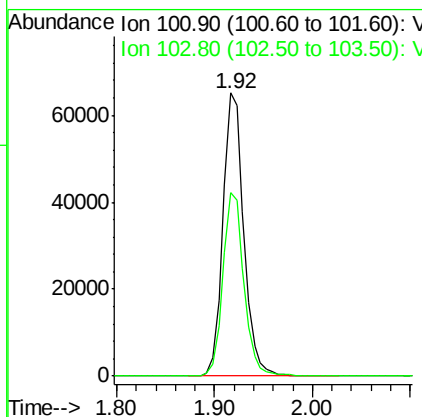
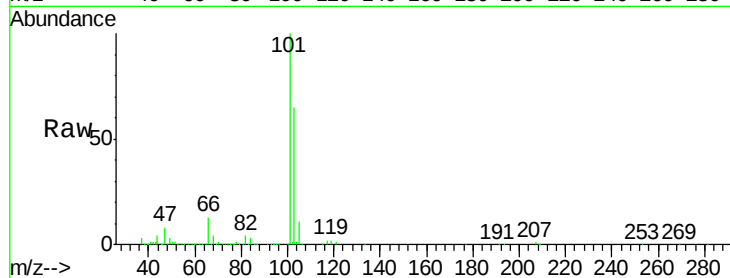
Trichlorofluoromethane  
 Concen: 18.117 ug/l  
 RT: 1.92 min Scan# 136  
 Delta R.T. 0.01 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.9  | 51.8  | 77.6  |

Manual Integrations  
 APPROVED

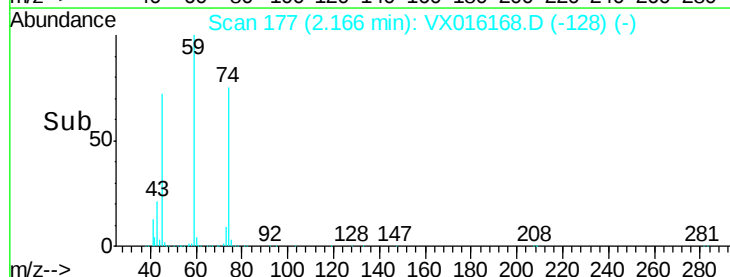
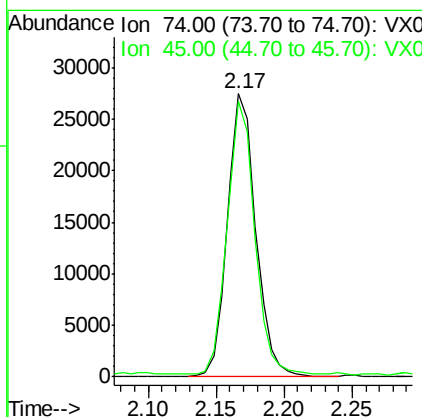
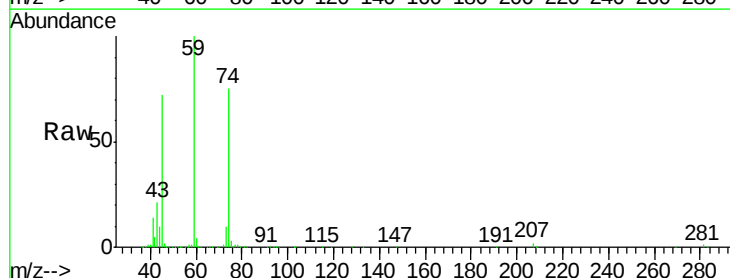
MMDadoda  
 5/14/2020 12:15:54 PM

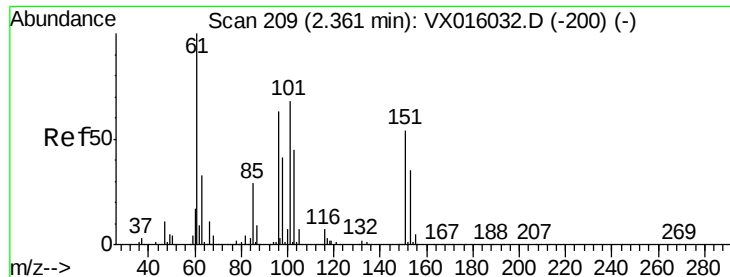


#8

Diethyl Ether  
 Concen: 17.896 ug/l  
 RT: 2.17 min Scan# 177  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 93.8  | 47.3  | 142.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.434 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

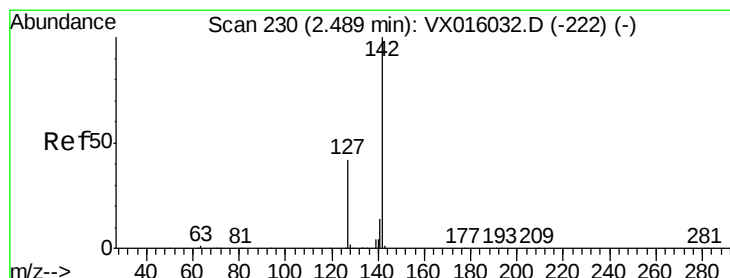
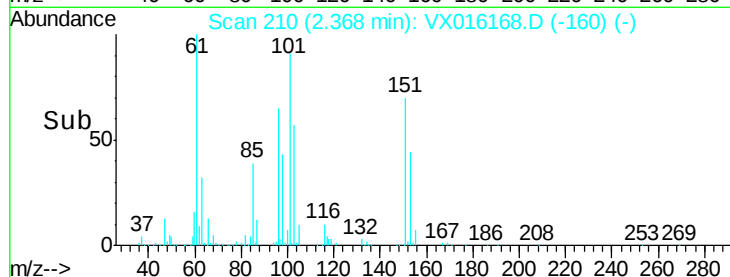
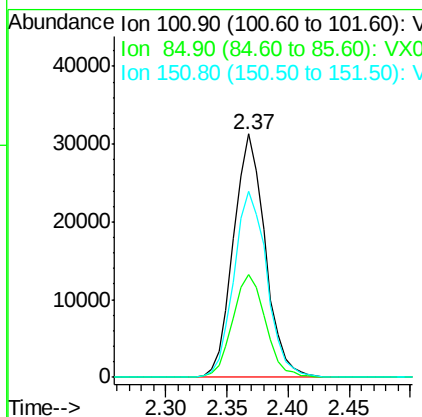
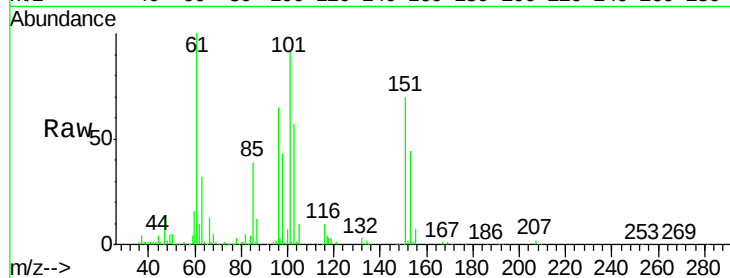
ClientSampleId :

VX0513WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 56415 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.7  | 34.2  | 51.4  |
| 151       | 79.8  | 62.1  | 93.1  |

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#10

Methyl Iodide

Concen: 14.746 ug/l

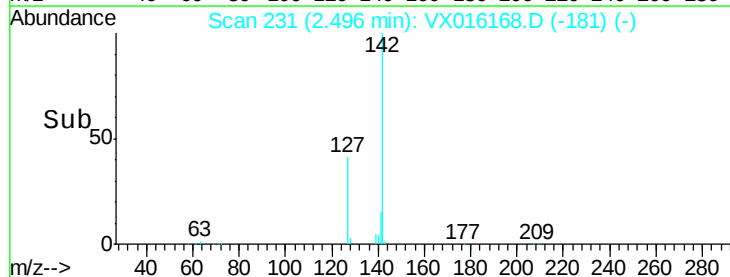
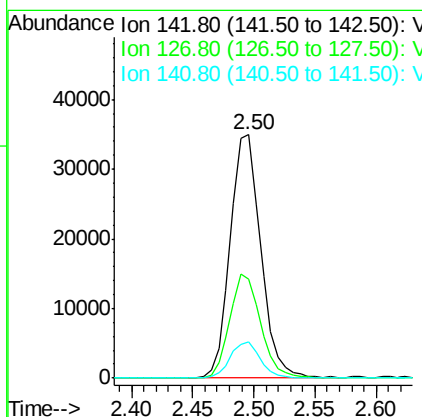
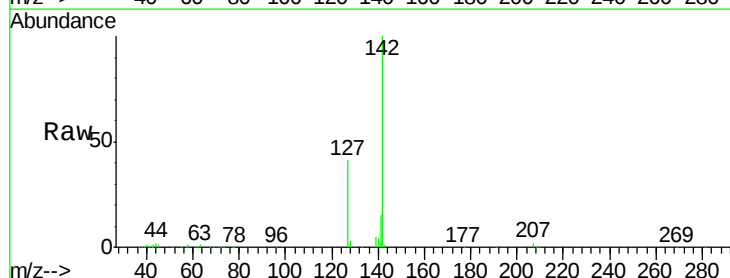
RT: 2.50 min Scan# 231

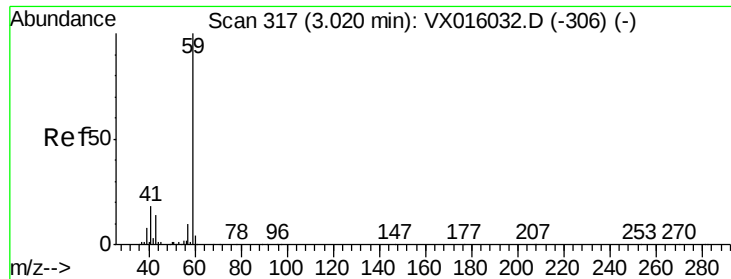
Delta R.T. 0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 60616 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.2  | 34.6  | 52.0  |
| 141       | 14.7  | 11.3  | 16.9  |





#11

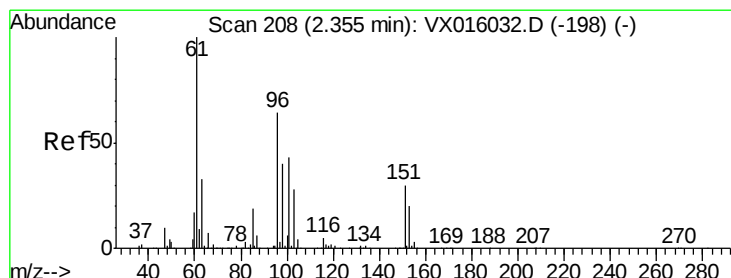
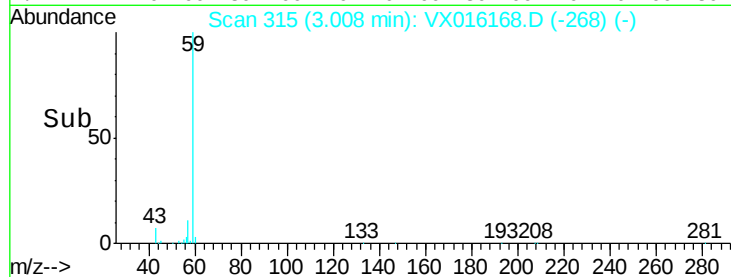
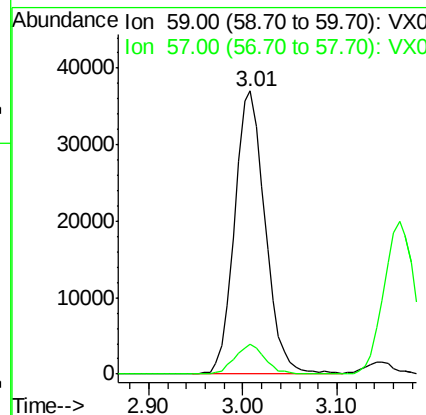
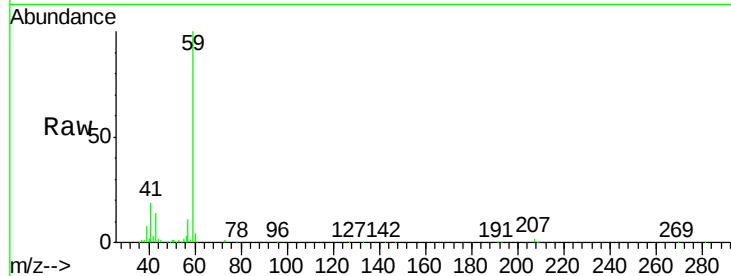
Tert butyl alcohol  
Concen: 81.500 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 59      | 59  | 100   | 83552 |       |       |
| 57      | 57  | 10.5  |       | 8.2   | 12.4  |

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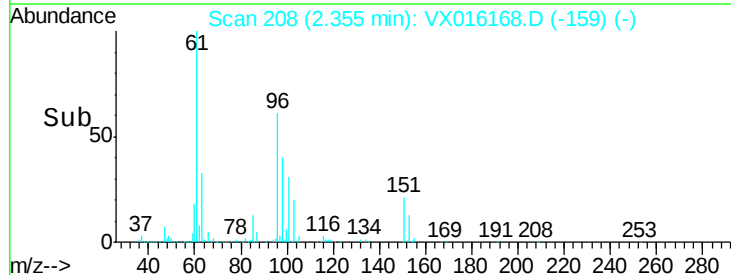
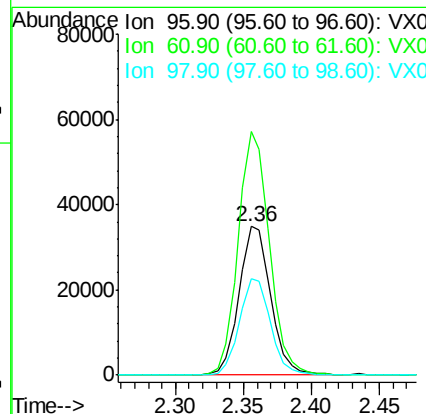
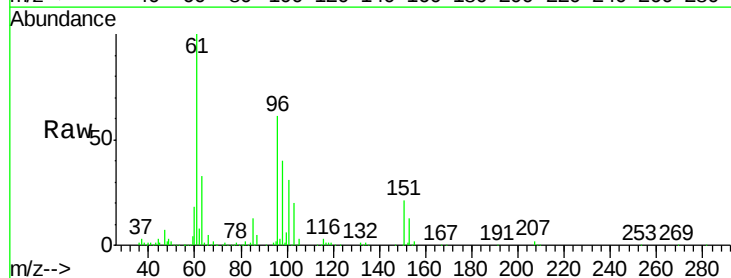
MMDadoda  
5/14/2020 12:15:54 PM



#12

1,1-Dichloroethene  
Concen: 17.467 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 96      | 96  | 100   | 55940 |       |       |
| 61      | 61  | 164.7 |       | 124.8 | 187.2 |
| 98      | 98  | 65.2  |       | 49.7  | 74.5  |





#13

Acrolein

Concen: 61.566 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 56 Resp: 39496

Ion Ratio Lower Upper

56 100

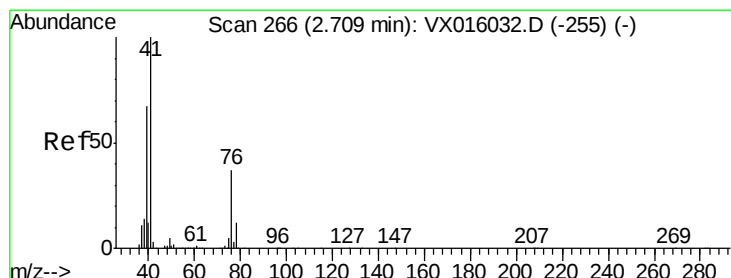
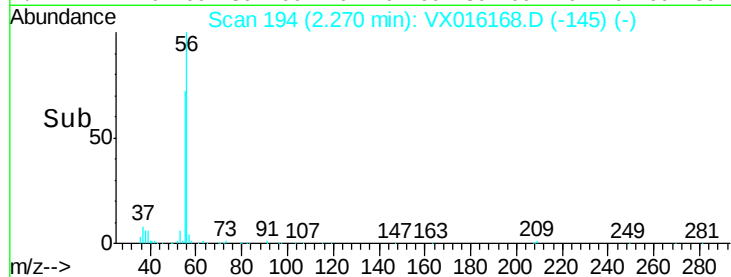
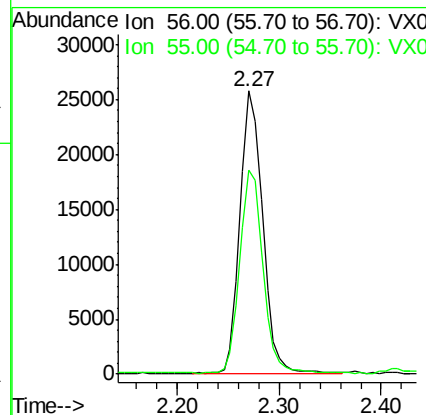
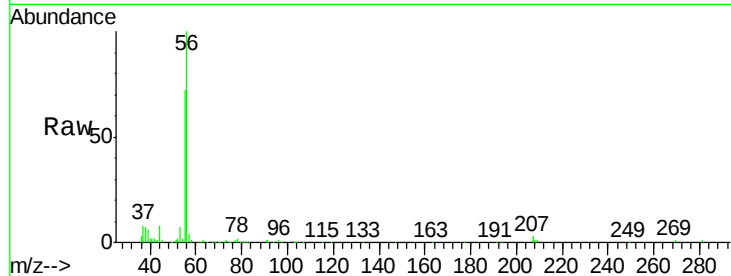
55 73.0 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 17.897 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

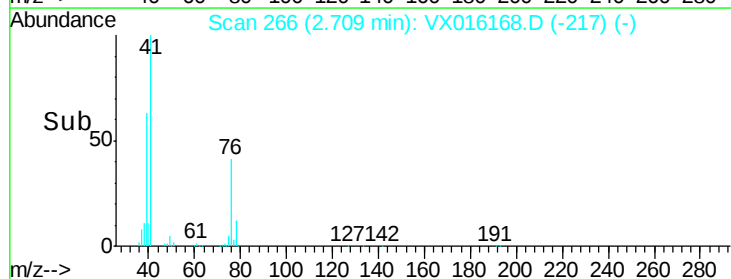
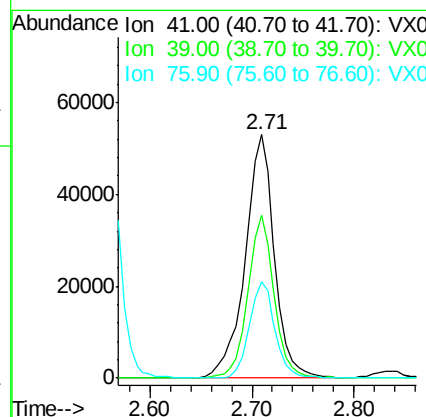
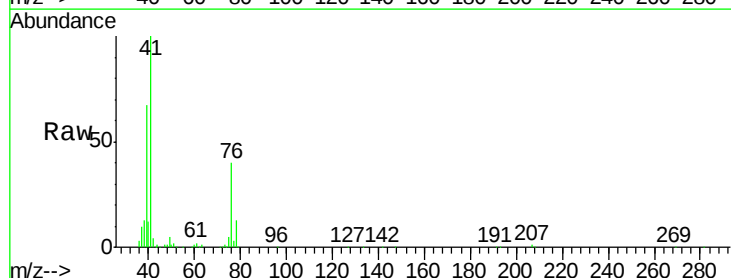
Tgt Ion: 41 Resp: 105093

Ion Ratio Lower Upper

41 100

39 60.6 50.5 75.7

76 35.2 26.6 40.0





#15

Acrylonitrile

Concen: 87.341 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

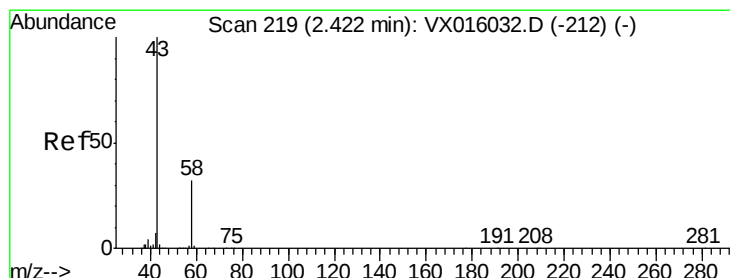
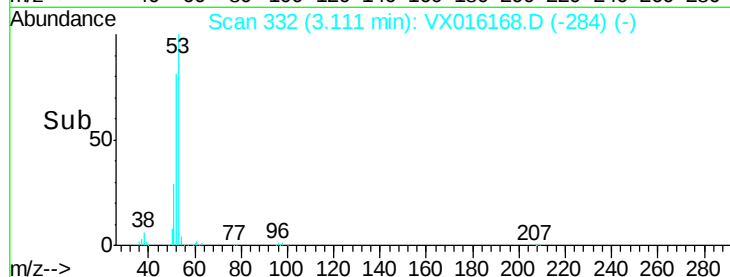
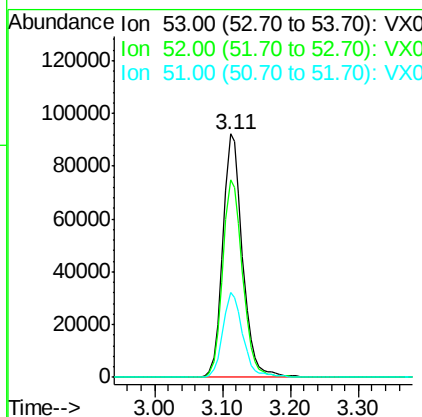
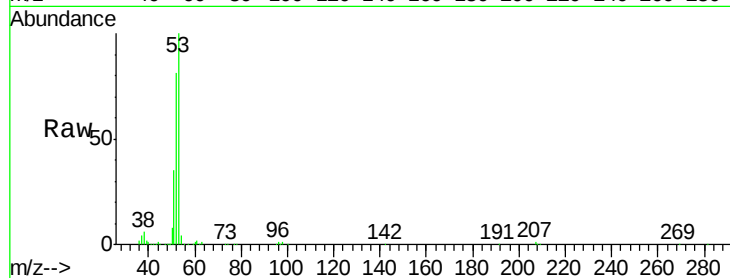
ClientSampleId :

VX0513WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 185751 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.9  | 66.1  | 99.1   |
| 51        | 35.5  | 28.8  | 43.2   |

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#16

Acetone

Concen: 79.900 ug/l

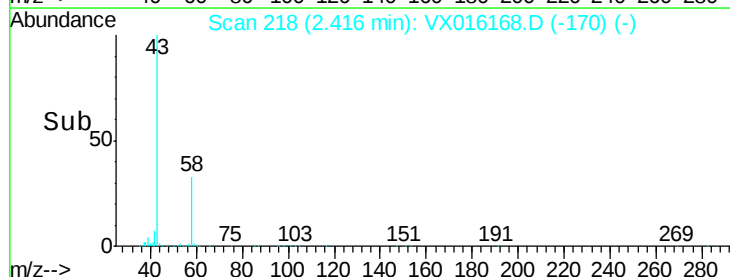
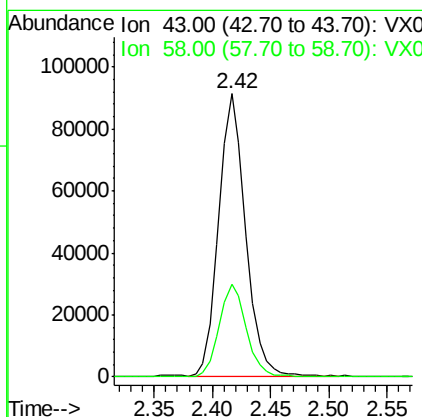
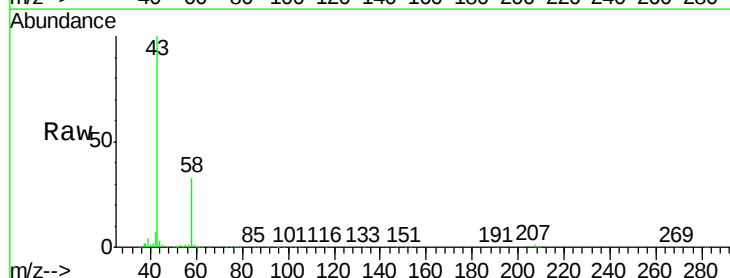
RT: 2.42 min Scan# 218

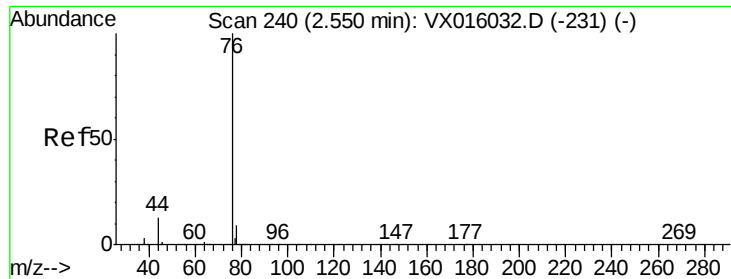
Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 144532 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 32.8  | 25.4  | 38.0   |





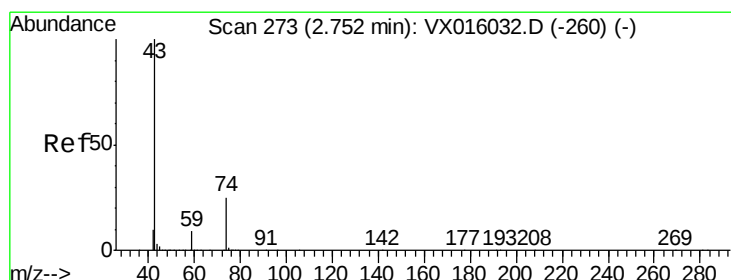
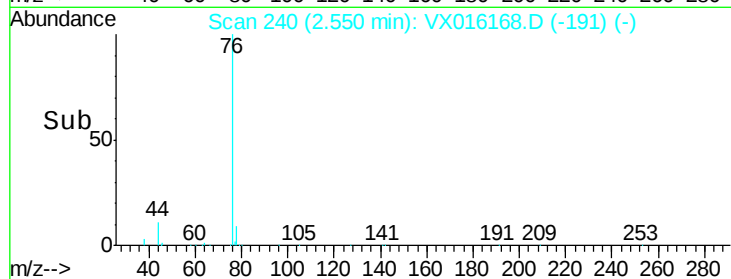
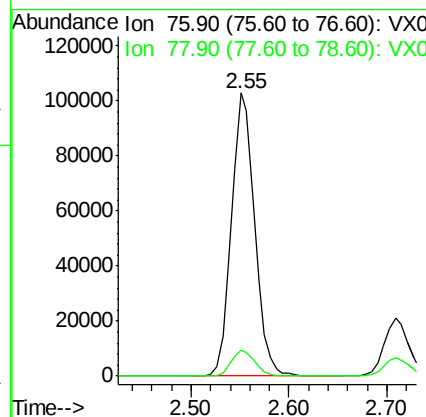
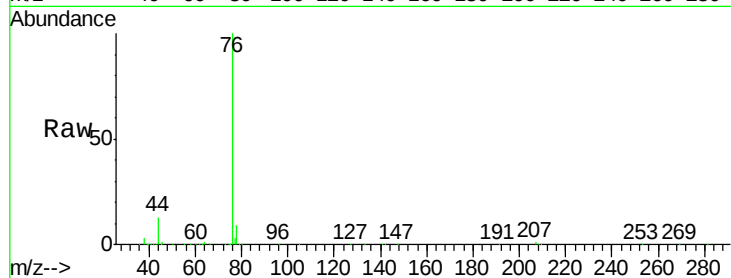
#17  
Carbon Disulfide  
Concen: 17.431 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.5   | 11.3  |

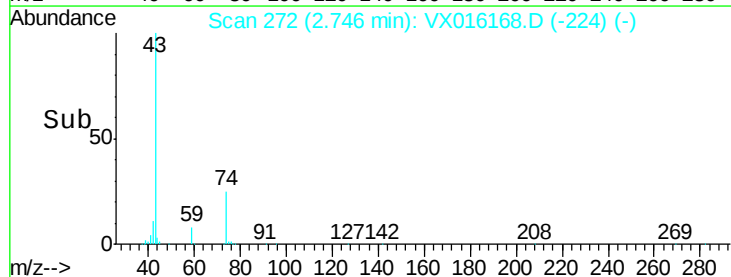
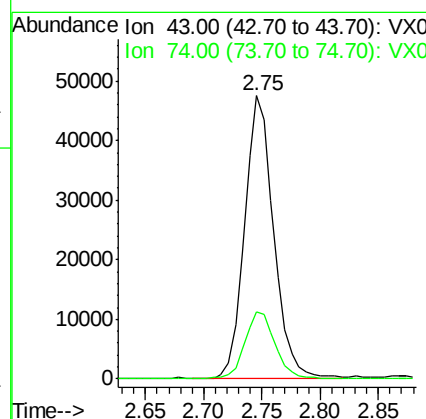
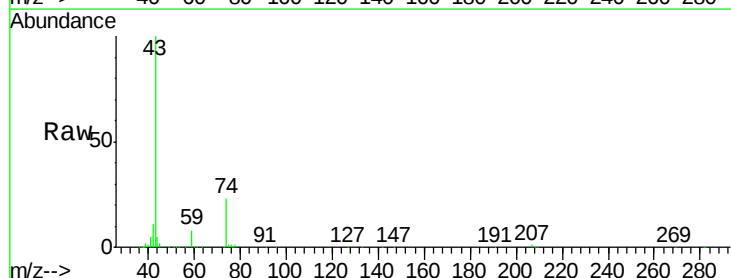
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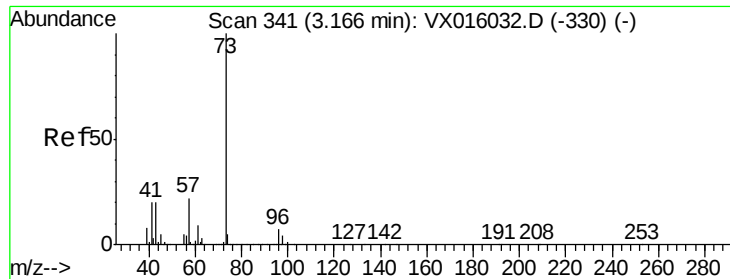
MMDadoda  
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#18  
Methyl Acetate  
Concen: 18.535 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.1  | 20.2  | 30.2  |





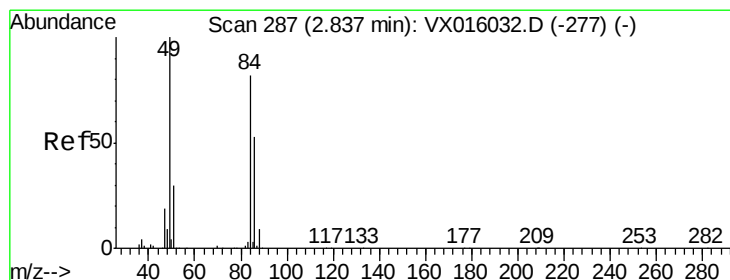
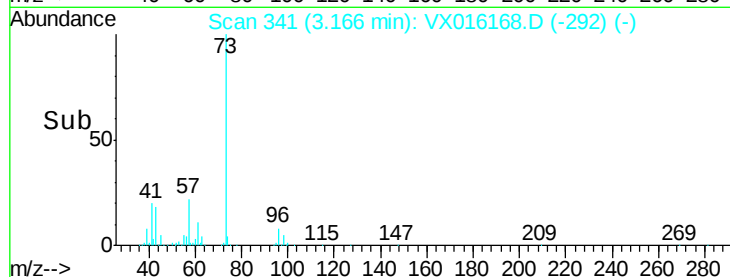
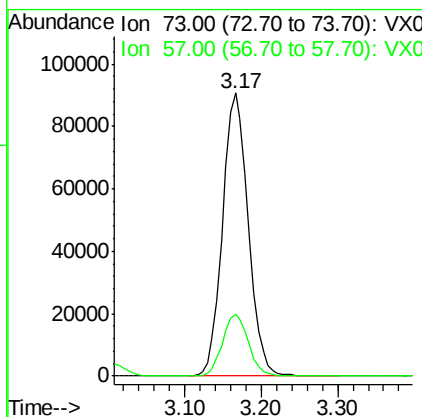
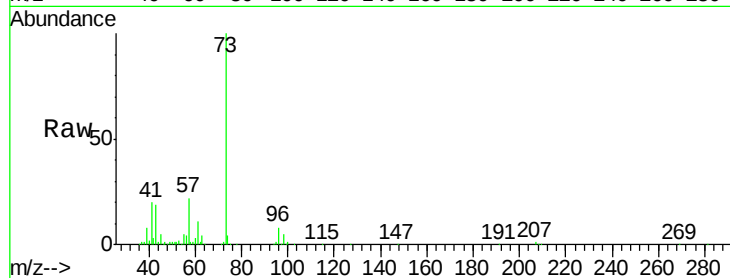
#19  
Methvl tert-butvl Ether  
Concen: 18.939 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.0  | 17.8  | 26.6  |

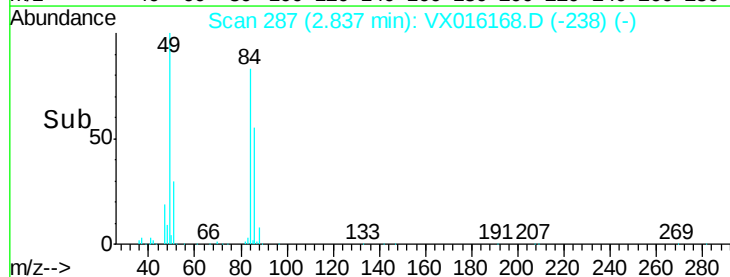
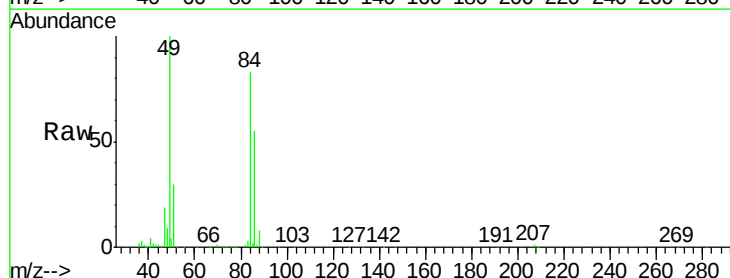
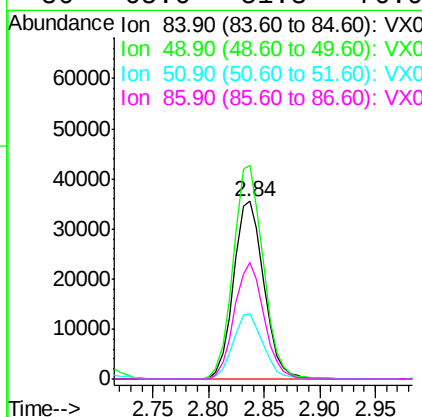
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#20  
Methylene Chloride  
Concen: 17.939 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 120.3 | 97.3  | 145.9 |
| 51      | 36.3  | 29.3  | 43.9  |
| 86      | 65.6  | 51.3  | 76.9  |





#21

trans-1,2-Dichloroethene

Concen: 17.729 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

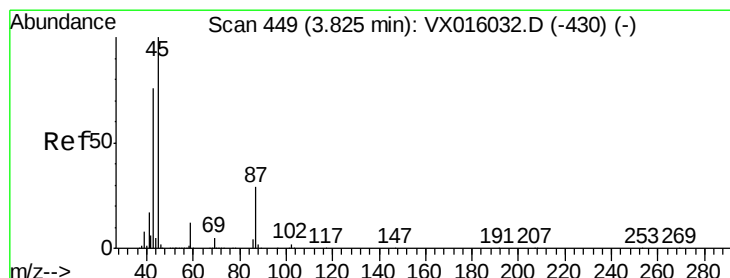
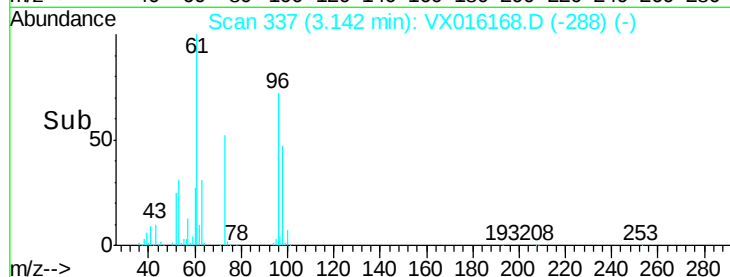
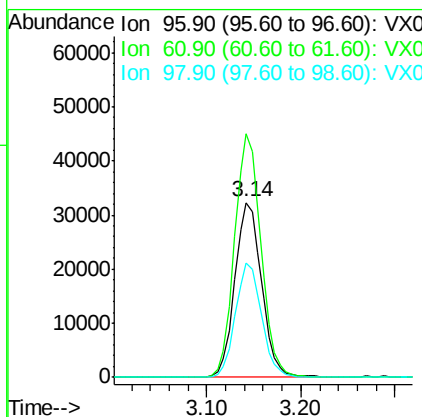
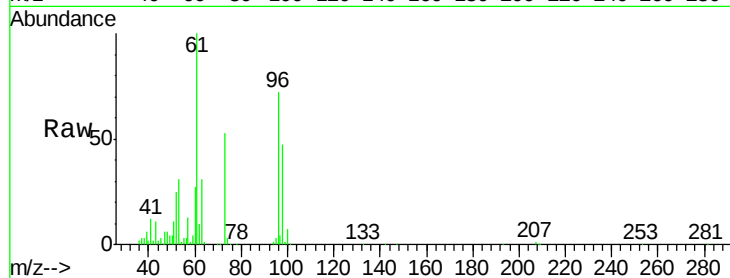
ClientSampleId :

VX0513WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 63273 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 139.7 | 111.2 | 166.8 |
| 98       | 65.3  | 50.2  | 75.4  |

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5/14/2020 12:15:54 PM



#22

Diisopropyl ether

Concen: 18.673 ug/l

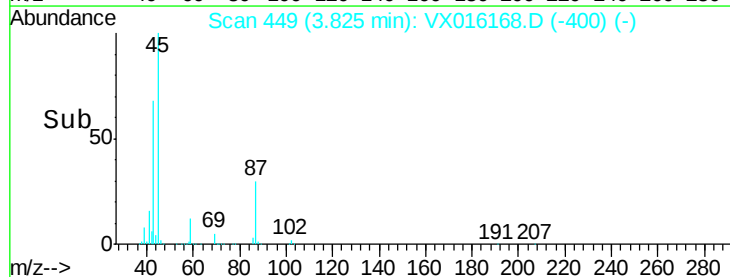
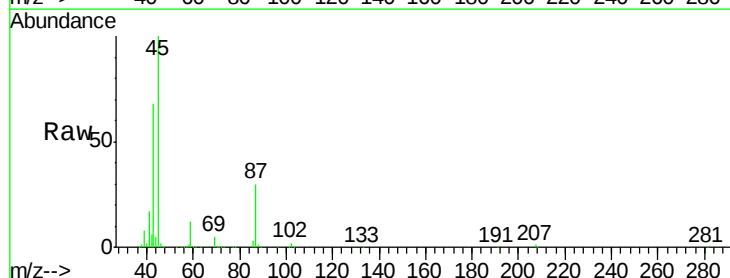
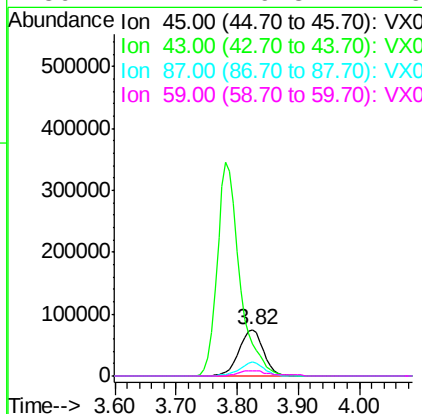
RT: 3.82 min Scan# 449

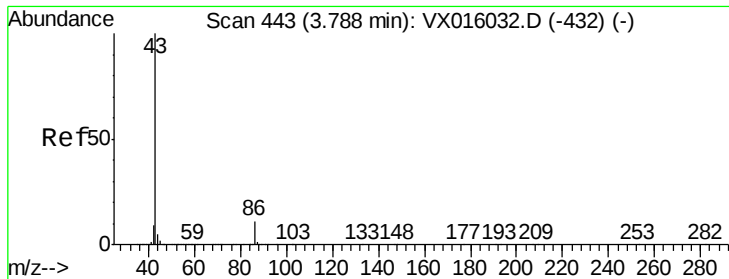
Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 206859 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 67.9  | 61.1  | 91.7   |
| 87       | 29.5  | 23.0  | 34.6   |
| 59       | 11.7  | 9.8   | 14.6   |





#23

Vinyl Acetate

Concen: 91.204 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 43 Resp: 888901

Ion Ratio Lower Upper

43 100

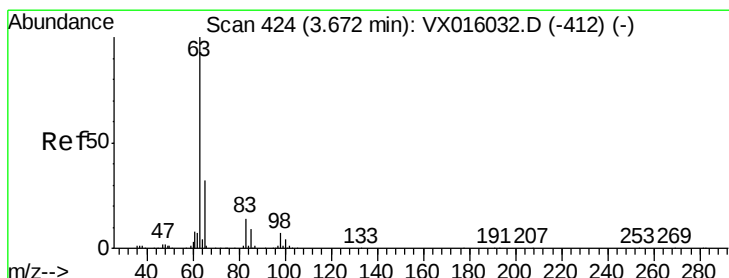
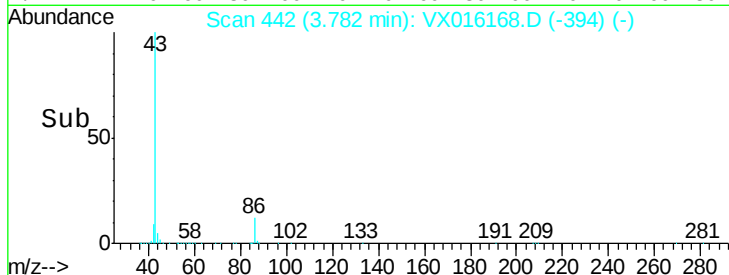
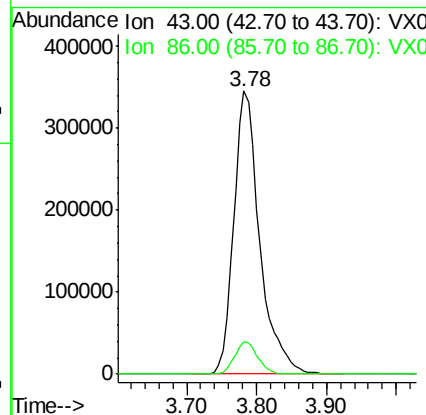
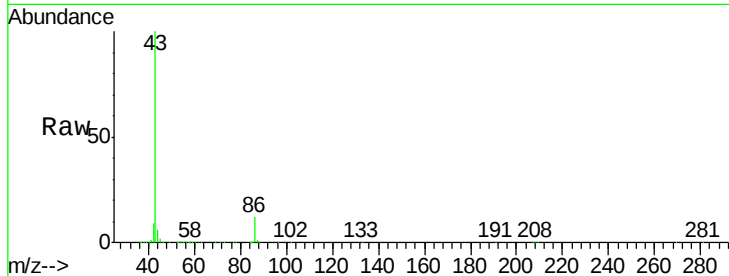
86 11.5 9.0 13.4

Manual Integrations

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MMDadoda

5/14/2020 12:15:54 PM



#24

1,1-Dichloroethane

Concen: 18.939 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

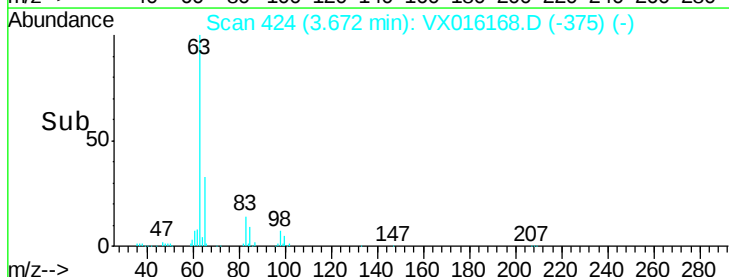
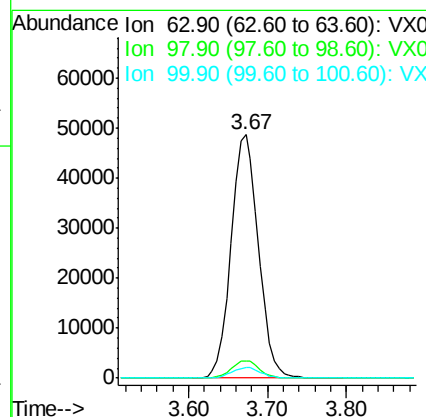
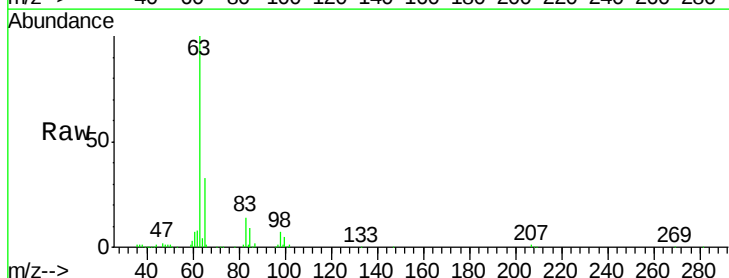
Tgt Ion: 63 Resp: 117365

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 87.027 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Tot Ion: 43 Resp: 253673

Ion Ratio Lower Upper

43 100

72 27.2 21.8 32.8

Instrument :

MSVOA\_X

ClientSampleId :

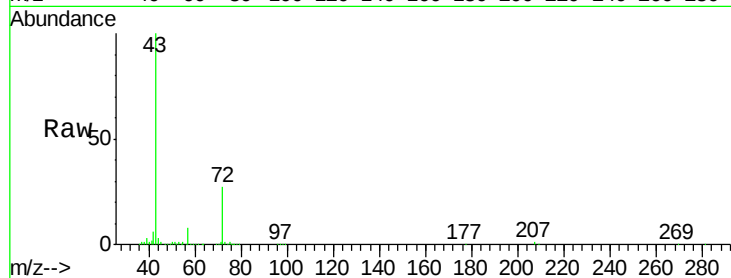
VX0513WBS01

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

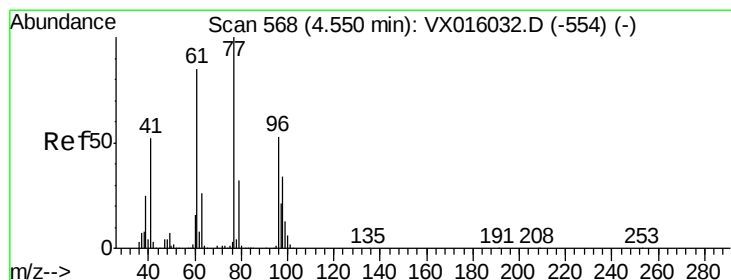
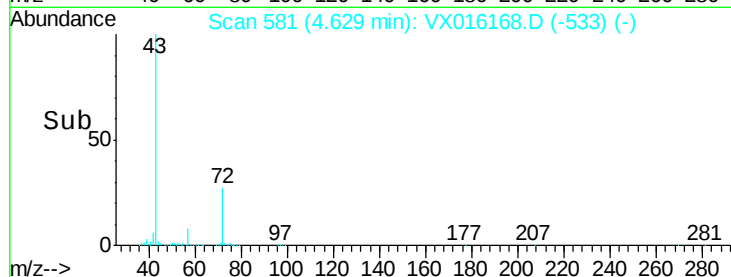
40000

20000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 18.828 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016168.D

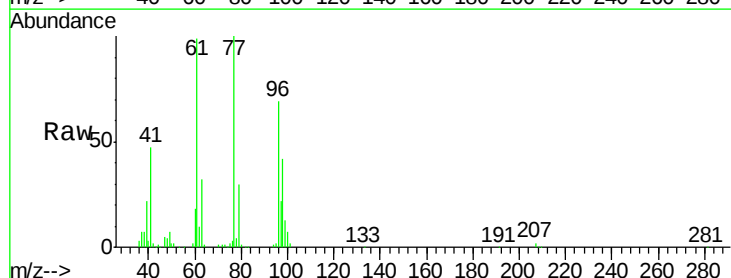
Acq: 13 May 2020 10:57

Tgt Ion: 77 Resp: 106554

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

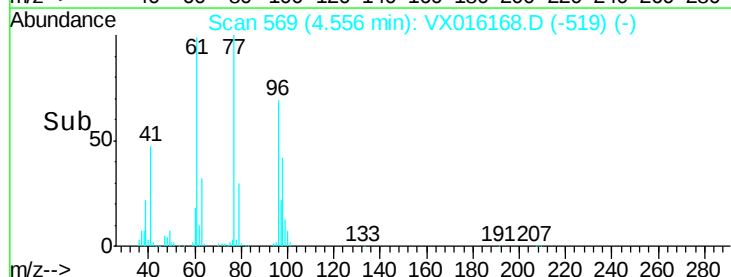
20000

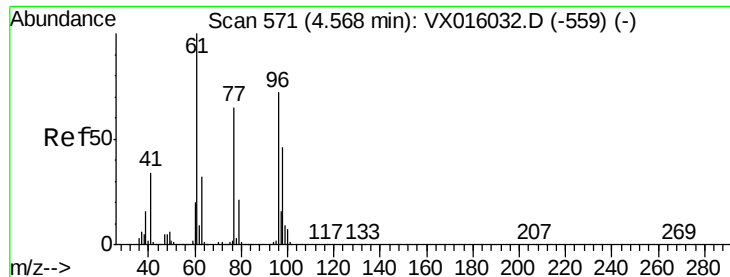
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

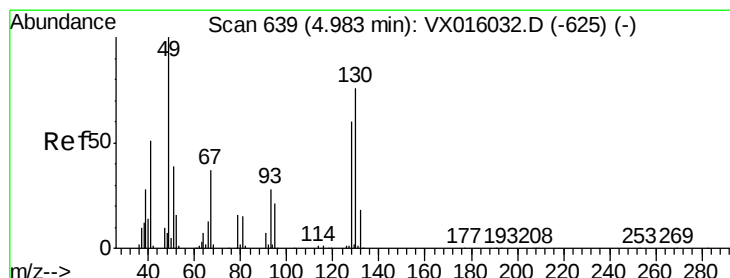
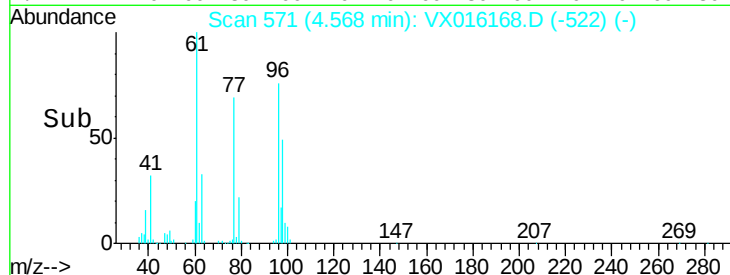
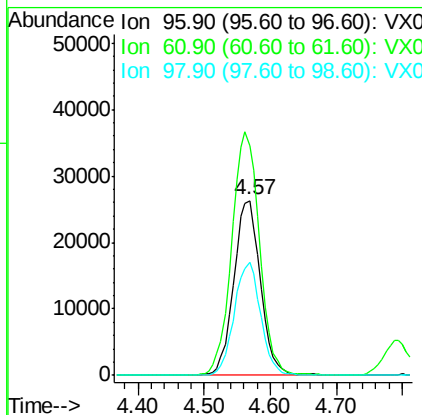
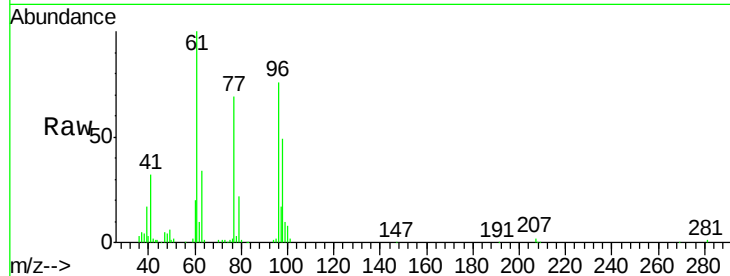
cis-1,2-Dichloroethene  
 Concen: 18.891 ug/l  
 RT: 4.57 min Scan# 571  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 73705 |       |       |
| 61      | 144.8 |       | 0.0   | 296.2 |
| 98      | 64.1  |       | 0.0   | 129.4 |

Manual Integrations  
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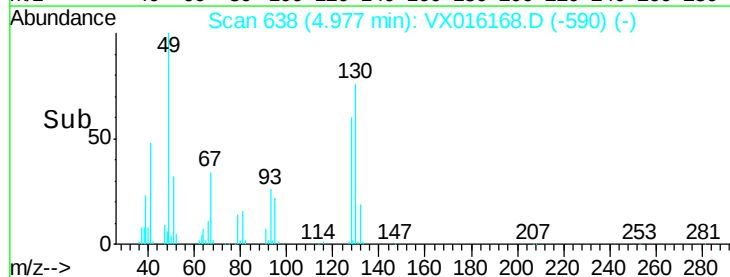
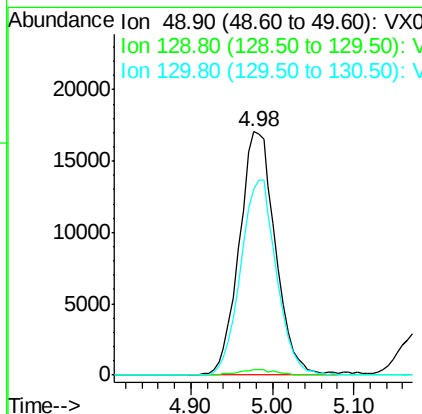
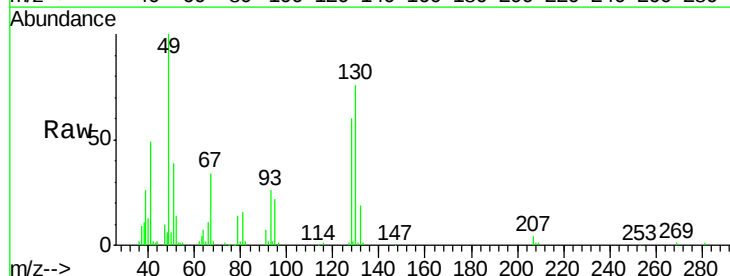
MMDadoda  
 5/14/2020 12:15:54 PM

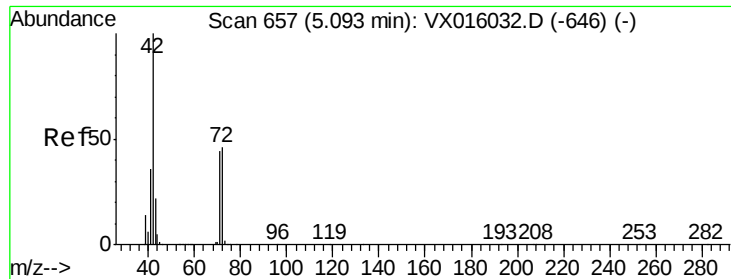


#28

Bromochloromethane  
 Concen: 18.560 ug/l  
 RT: 4.98 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 52445 |       |       |
| 129     | 2.2   |       | 0.0   | 4.0   |
| 130     | 79.2  |       | 62.4  | 93.6  |





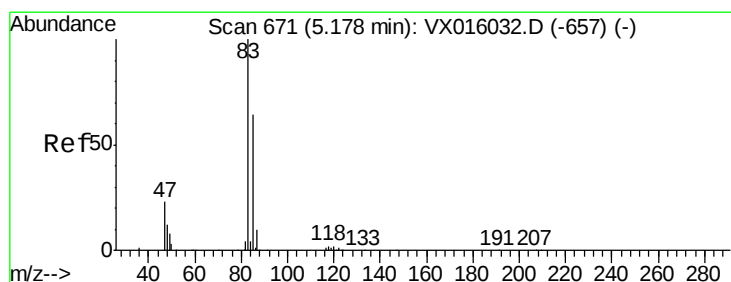
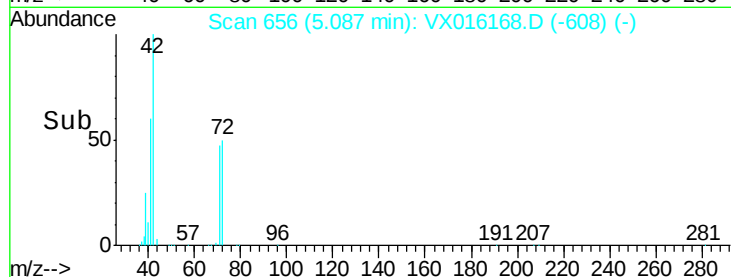
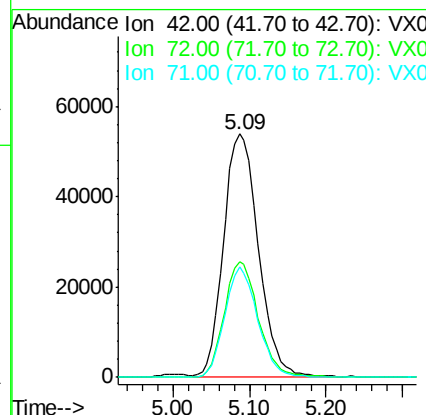
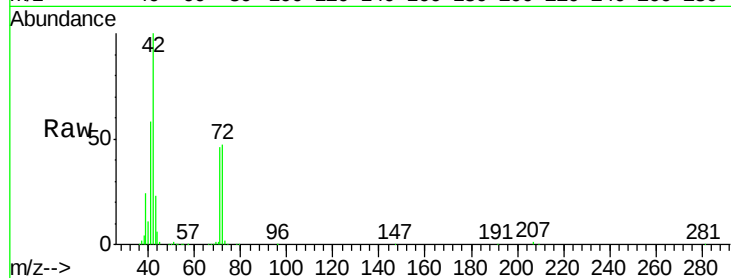
#29  
Tetrahydrofuran  
Concen: 87.348 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.1  | 37.1  | 55.7  |
| 71      | 43.3  | 34.5  | 51.7  |

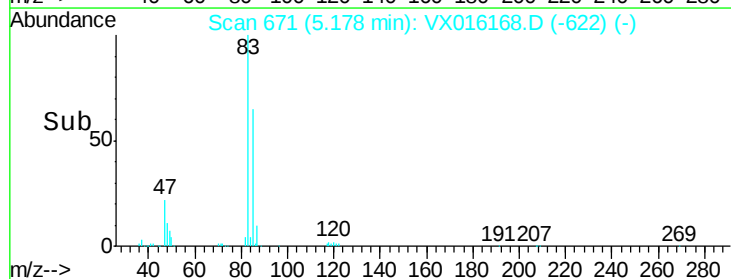
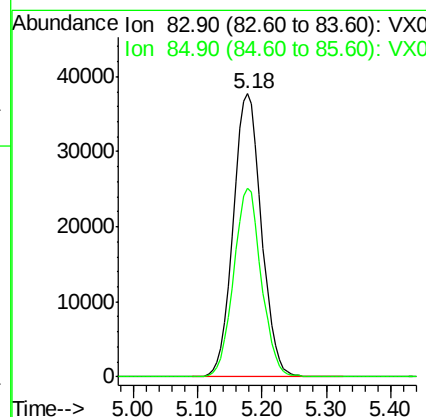
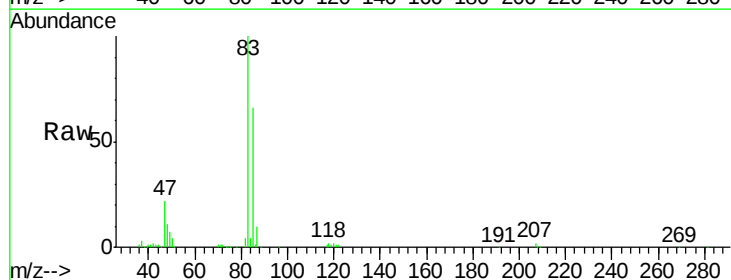
Manual Integrations  
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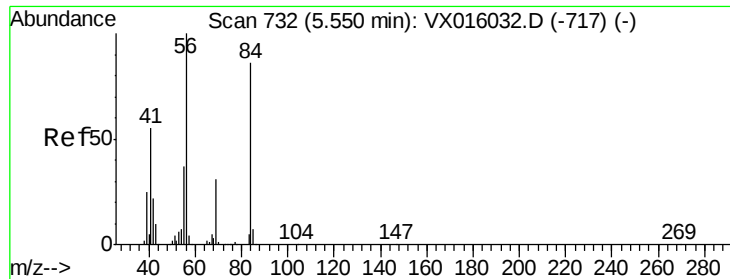
MMDadoda  
5/14/2020 12:15:54 PM



#30  
Chloroform  
Concen: 18.690 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.4  | 51.6  | 77.4  |





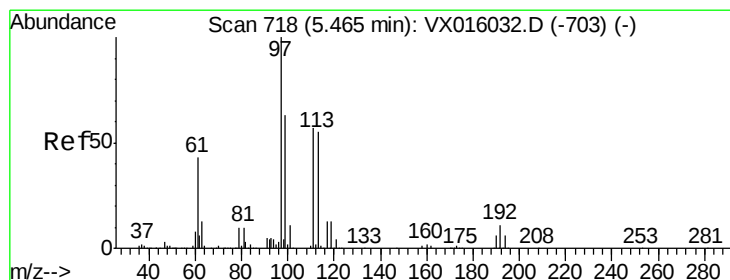
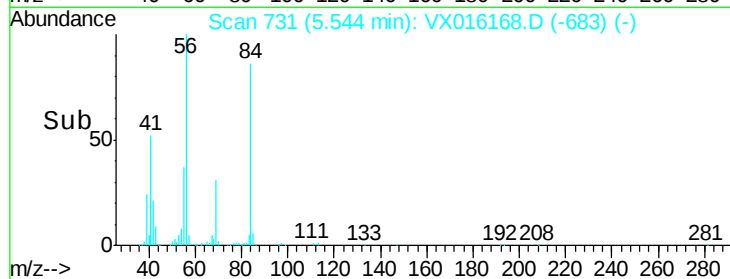
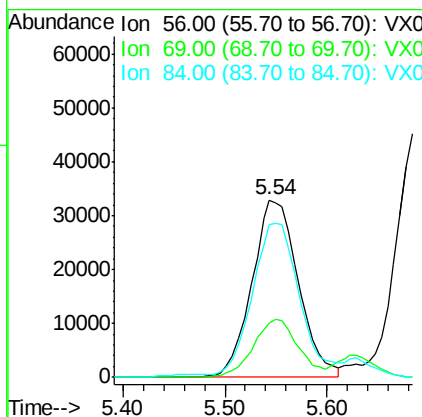
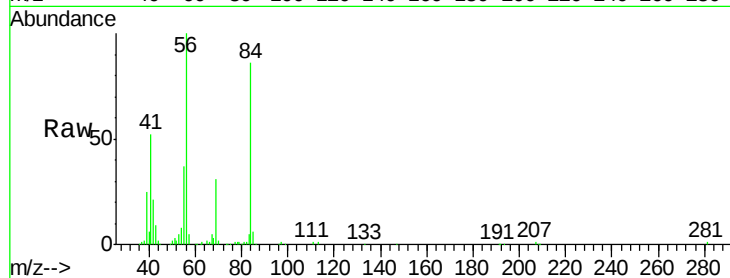
#31  
Cvclohexane  
Concen: 18.391 ug/l  
RT: 5.54 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 30.7 | 25.0  | 37.6  |       |
| 84      | 84.3 | 69.0  | 103.6 |       |

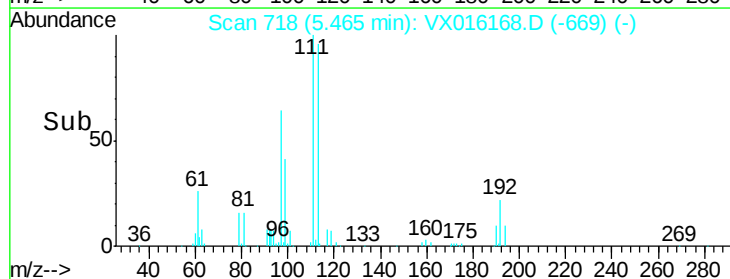
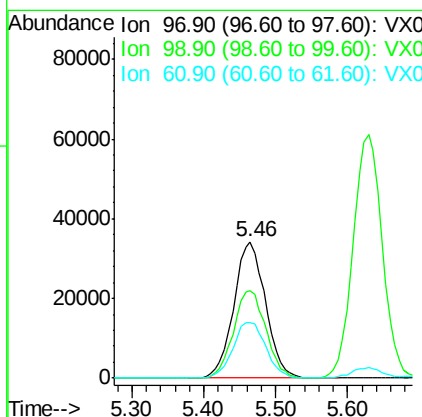
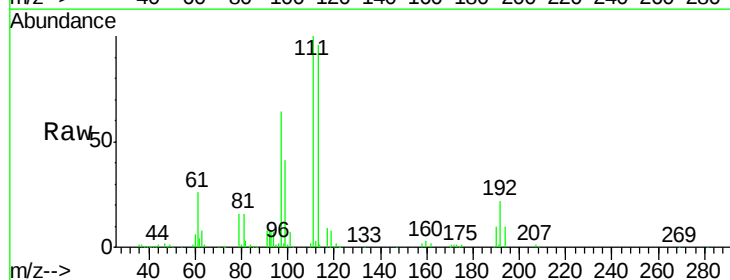
Manual Integrations  
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#32  
1,1,1-Trichloroethane  
Concen: 18.635 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 65.9 | 51.0  | 76.4  |       |
| 61      | 42.8 | 34.5  | 51.7  |       |





#33

1,2-Dichloroethane-d4

Concen: 47.413 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 65 Resp: 192215

Ion Ratio Lower Upper

65 100

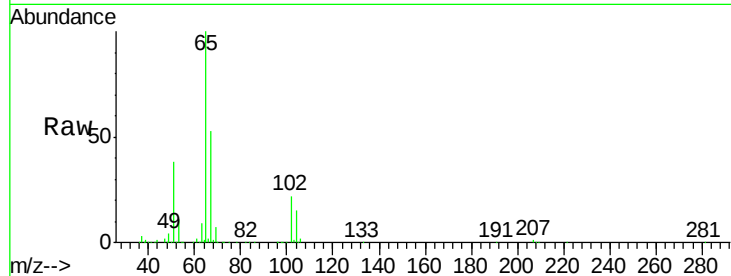
67 53.2 0.0 104.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

60000

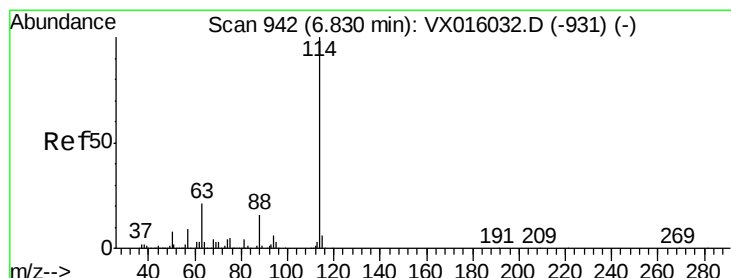
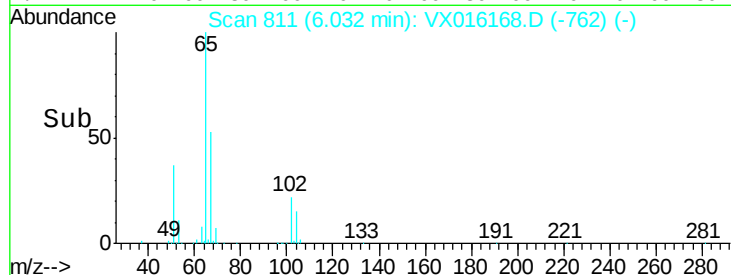
40000

20000

0

5.90 6.03 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

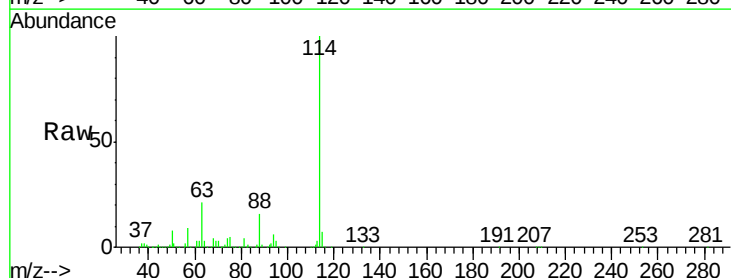
Tgt Ion: 114 Resp: 483164

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

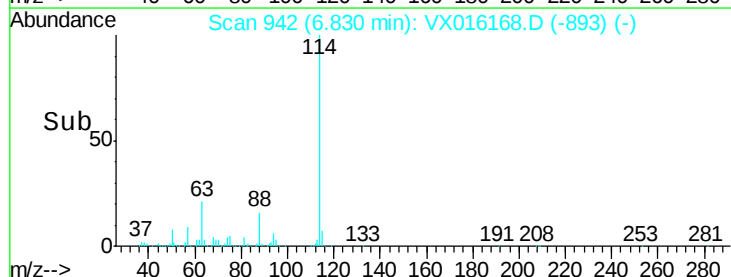
100000

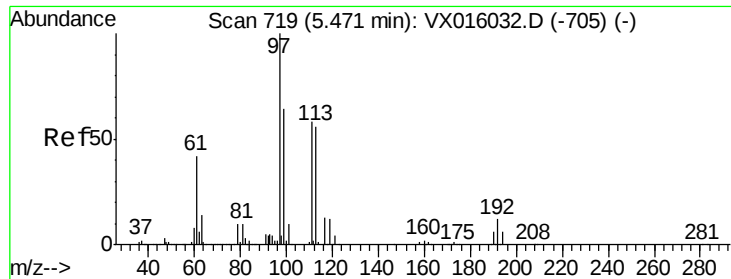
50000

0

6.70 6.83 6.90

Time-->





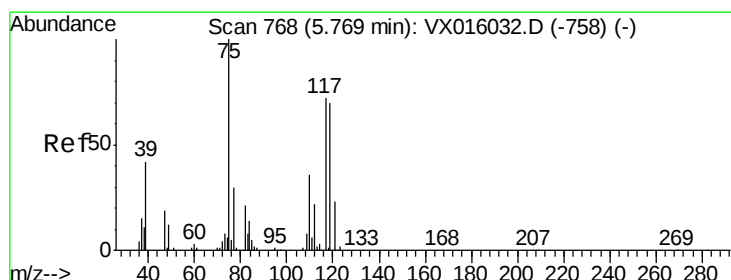
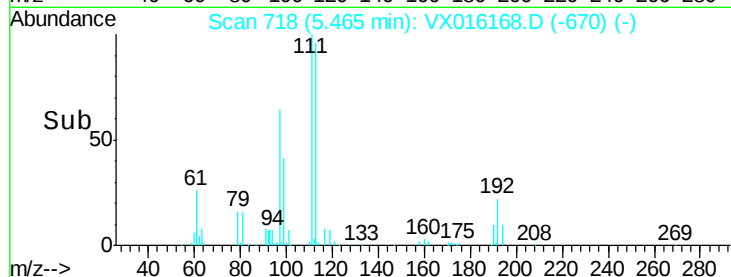
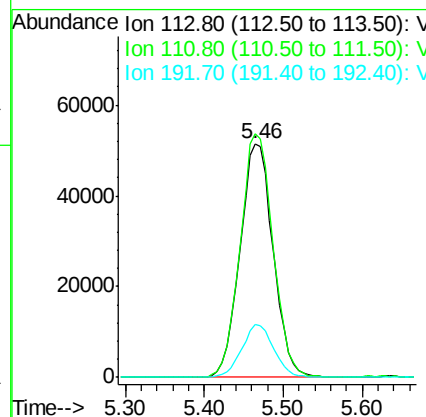
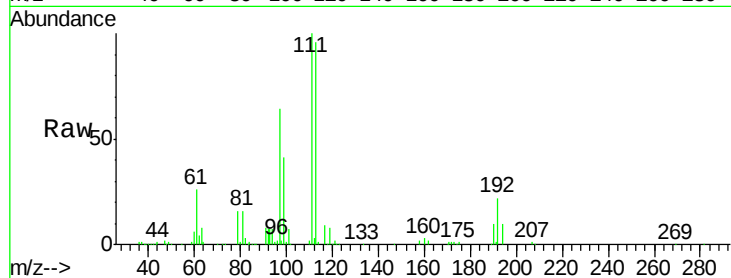
#35  
Dibromofluoromethane  
Concen: 49.175 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 103.5 | 81.6 | 122.4 |       |
| 192     | 22.0  | 17.0 | 25.4  |       |

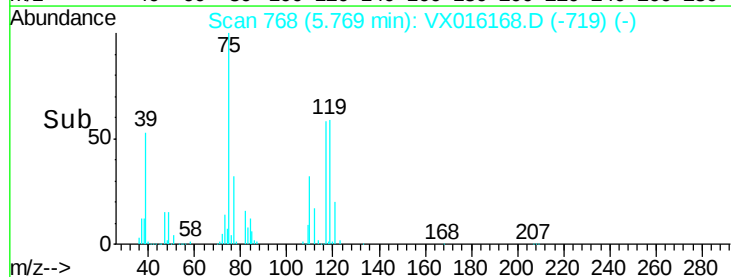
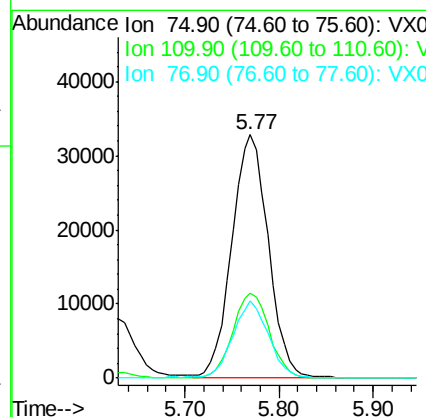
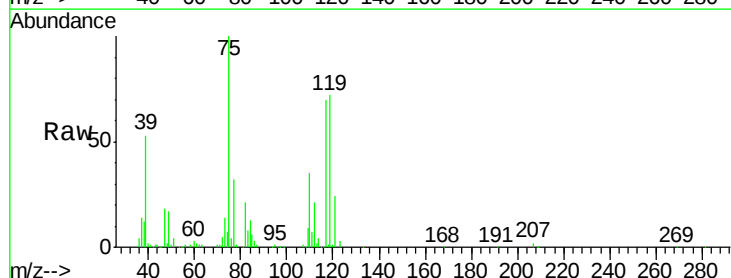
Manual Integrations  
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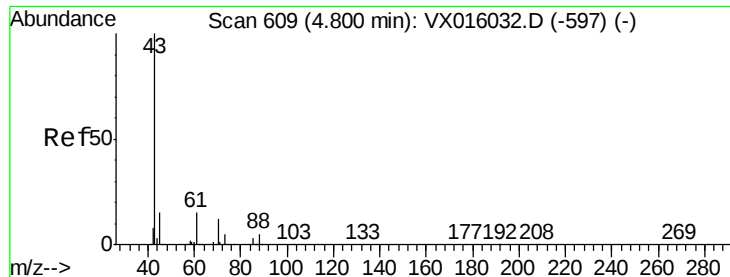
MMDadoda  
5/14/2020 12:15:54 PM



#36  
1,1-Dichloropropene  
Concen: 18.448 ug/l  
RT: 5.77 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 35.5  | 18.1 | 54.1  |       |
| 77      | 31.4  | 25.0 | 37.6  |       |





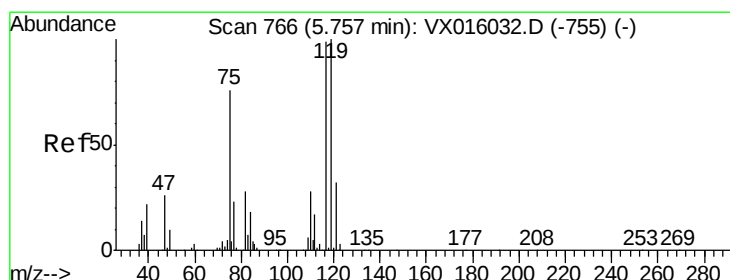
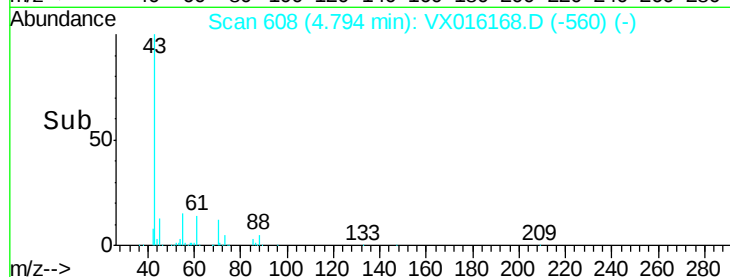
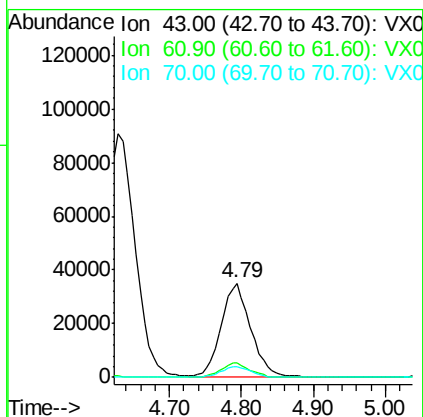
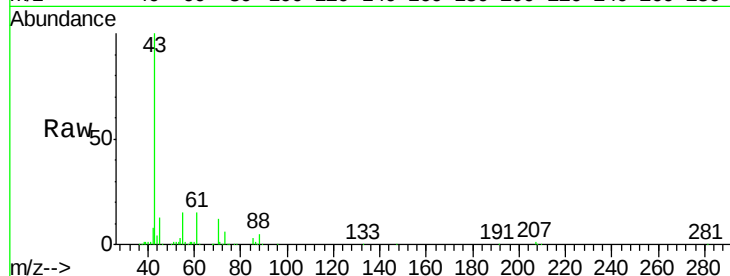
#37  
Ethyl Acetate  
Concen: 18.124 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.1  | 11.7  | 17.5  |
| 70      | 11.9  | 9.3   | 13.9  |

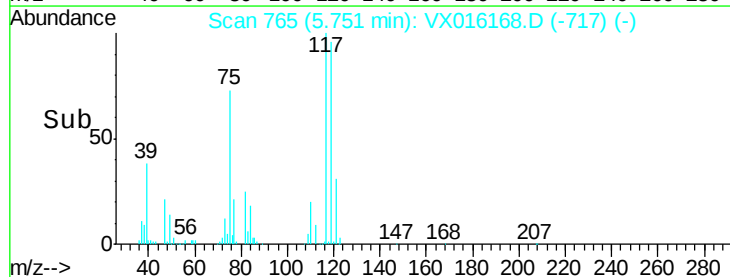
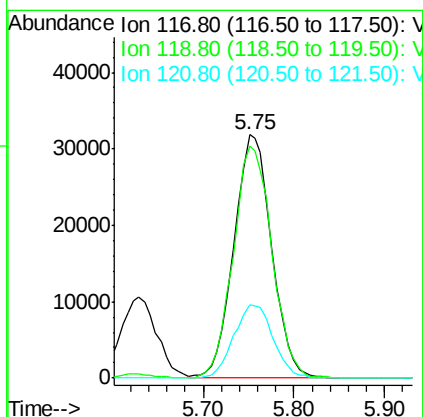
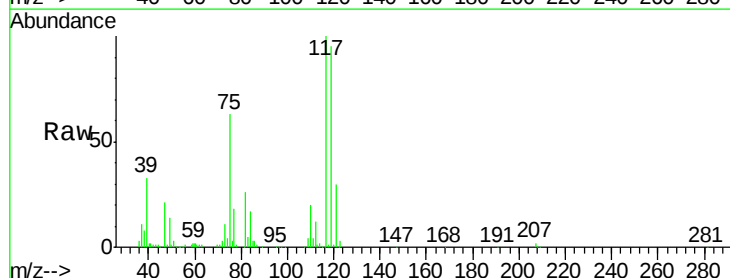
Manual Integrations  
APPROVED

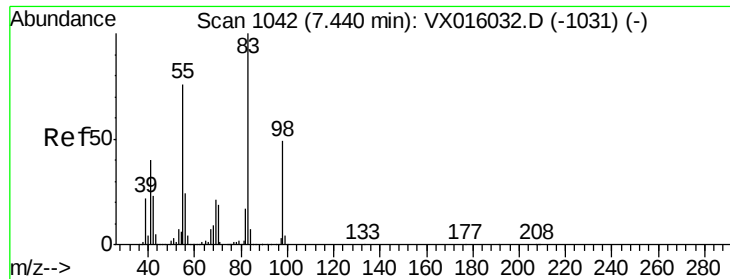
MMDadoda  
5/14/2020 12:15:54 PM



#38  
Carbon Tetrachloride  
Concen: 19.029 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.5  | 80.3  | 120.5 |
| 121     | 30.1  | 25.7  | 38.5  |





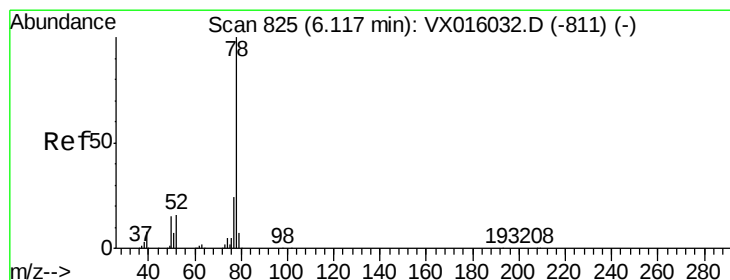
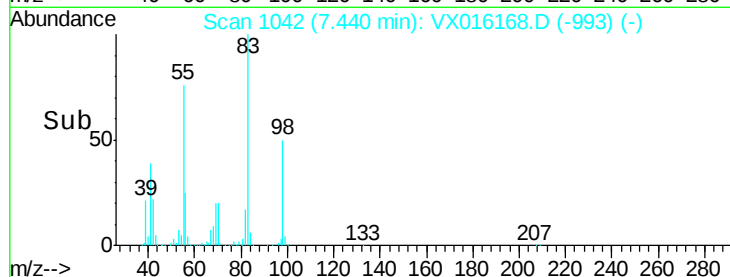
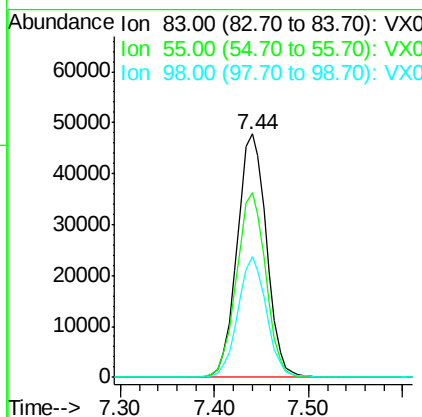
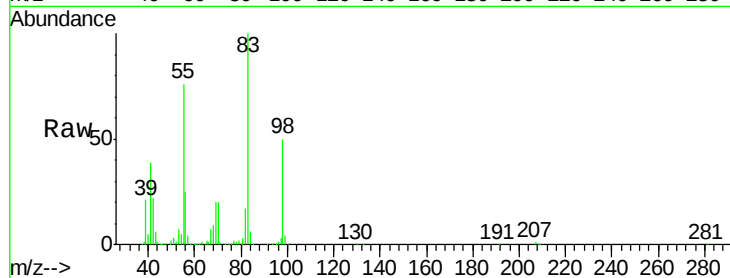
#39  
Methvlcvclohexane  
Concen: 18.119 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.9  | 61.1  | 91.7  |
| 98      | 49.8  | 39.0  | 58.4  |

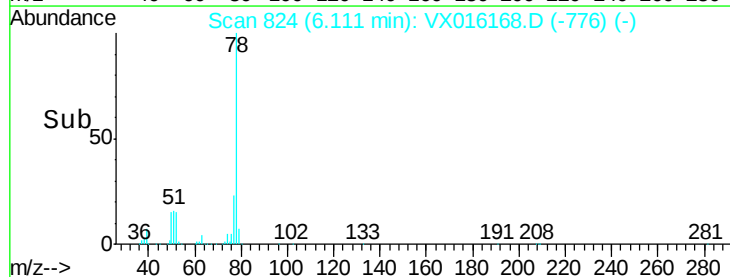
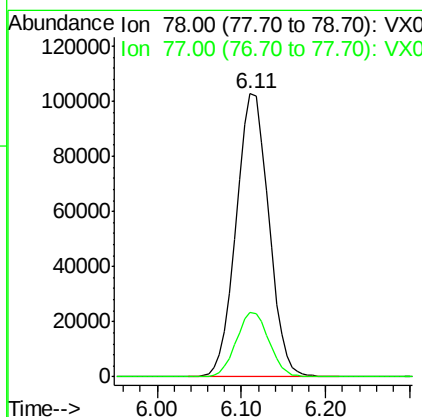
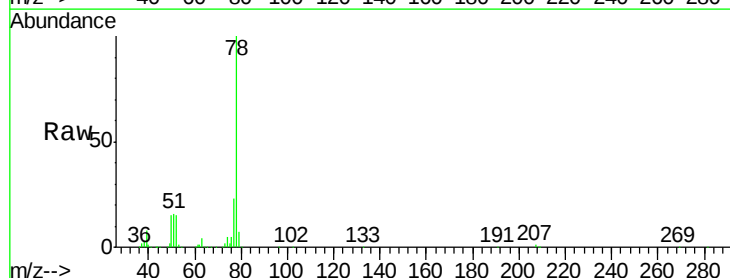
Manual Integrations  
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#40  
Benzene  
Concen: 19.316 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 19.0  | 28.4  |





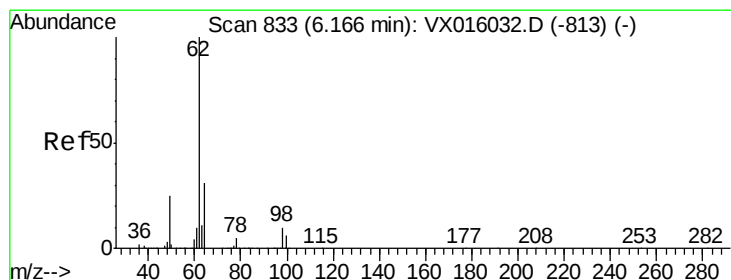
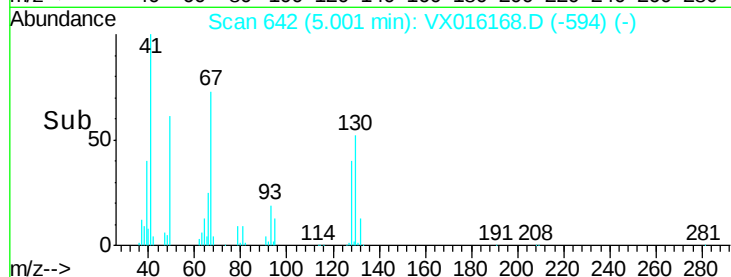
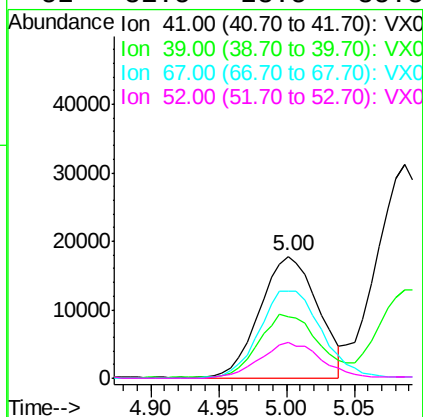
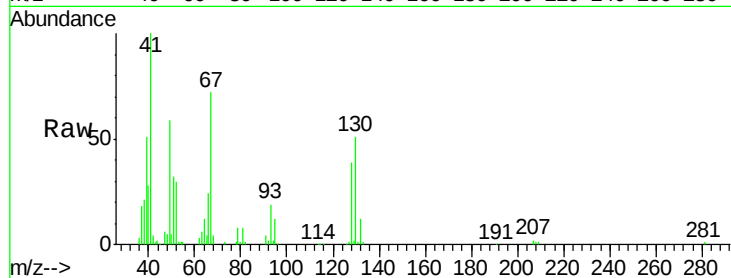
#41  
Methacrylonitrile  
Concen: 17.759 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.6 | 43.2  | 64.8  |       |
| 67      | 77.5 | 59.3  | 88.9  |       |
| 52      | 31.5 | 23.5  | 35.3  |       |

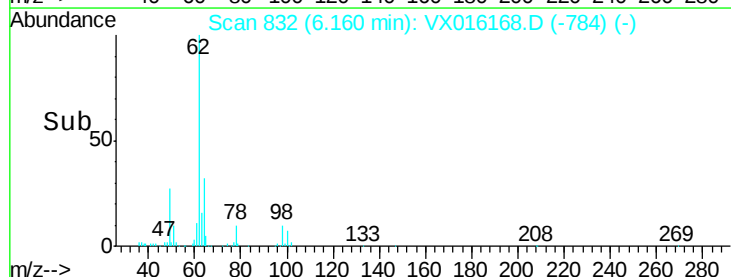
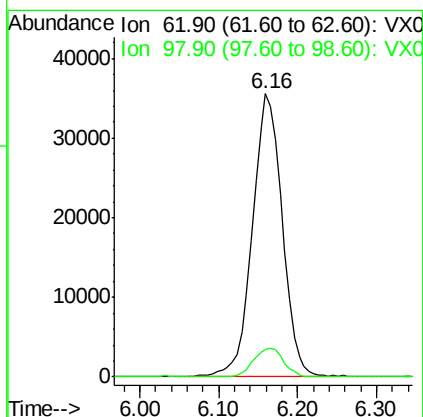
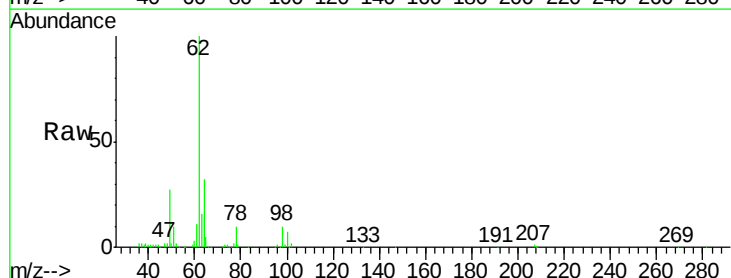
Manual Integrations  
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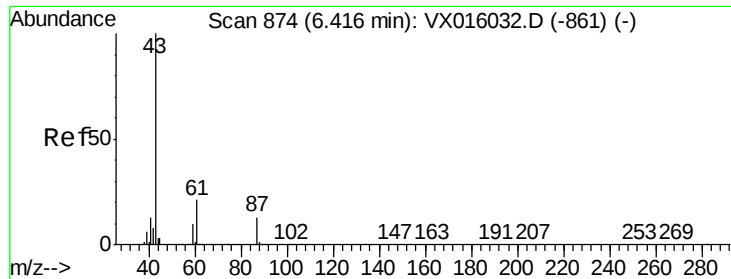
MMDadoda  
5/14/2020 12:15:54 PM



#42  
1,2-Dichloroethane  
Concen: 18.722 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.2 | 0.0   | 19.4  |       |





#43

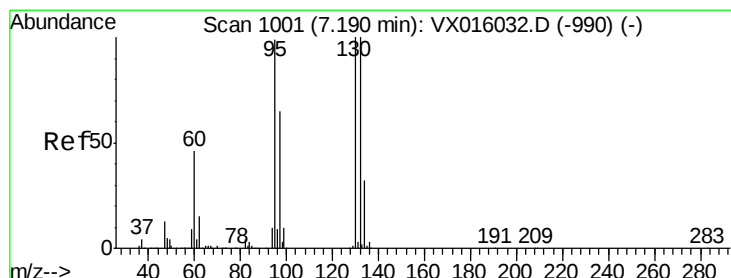
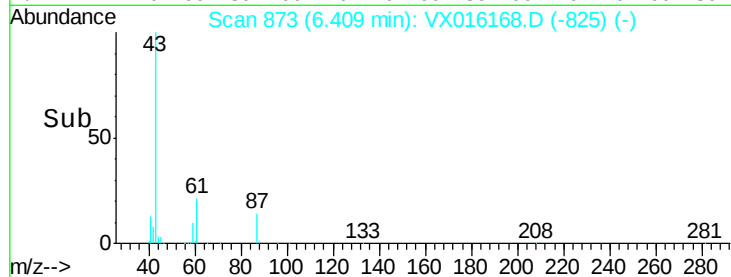
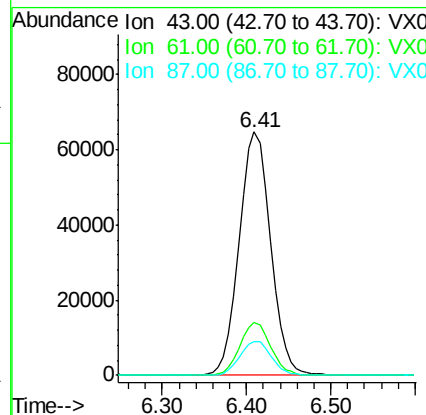
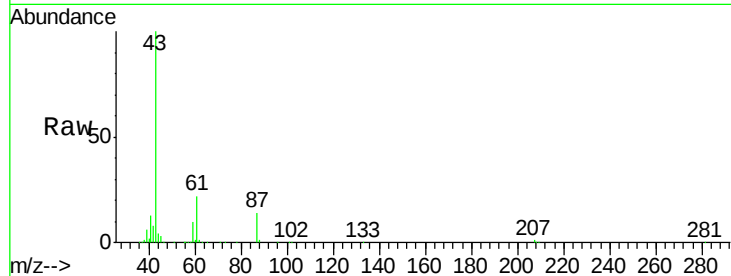
Isopropyl Acetate  
 Concen: 18.434 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.6  | 17.0  | 25.4  |
| 87      | 14.0  | 11.0  | 16.6  |

Manual Integrations  
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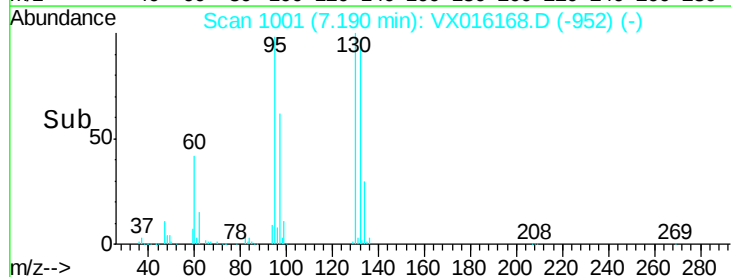
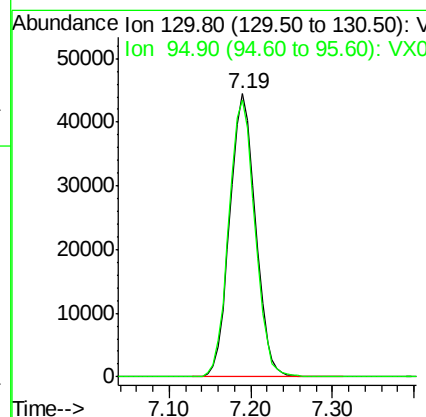
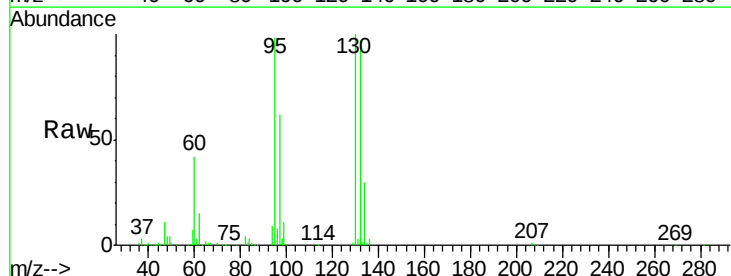
MMDadoda  
 5/14/2020 12:15:54 PM



#44

Trichloroethene  
 Concen: 19.607 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.8  | 0.0   | 197.4 |





#45

1,2-Dichloropropane

Concen: 19.745 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 63 Resp: 69525

Ion Ratio Lower Upper

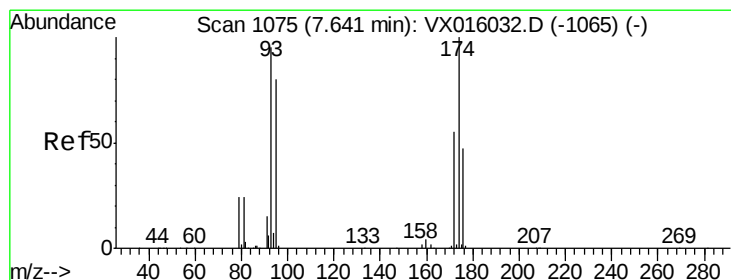
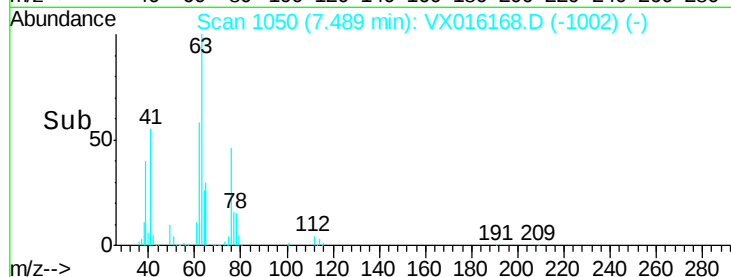
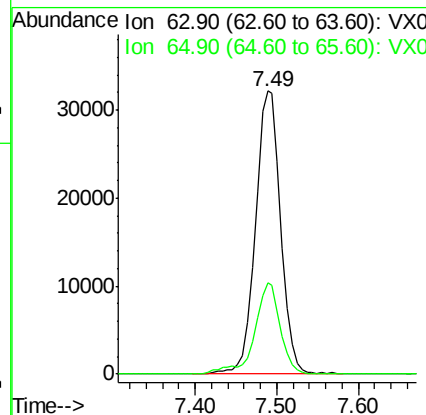
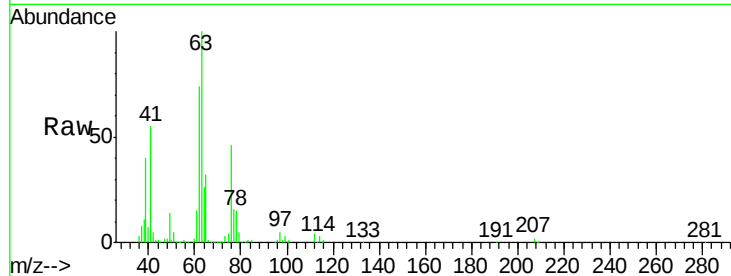
63 100

65 32.1 24.4 36.6

Manual Integrations  
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#46

Dibromomethane

Concen: 18.982 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

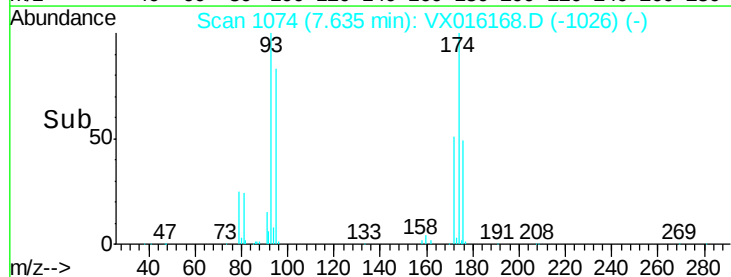
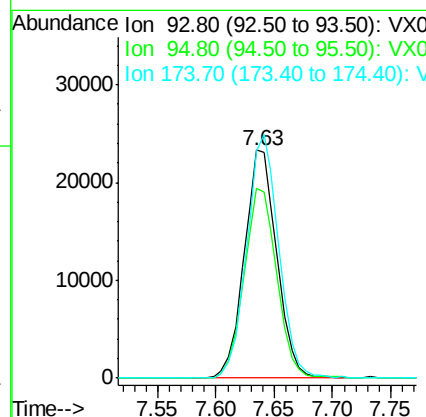
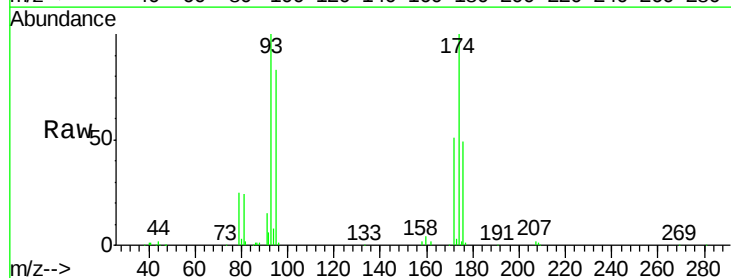
Tgt Ion: 93 Resp: 45423

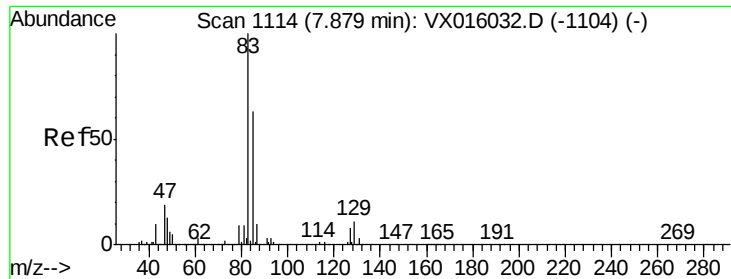
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 105.5 84.2 126.4





#47

Bromodichloromethane

Concen: 19.160 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

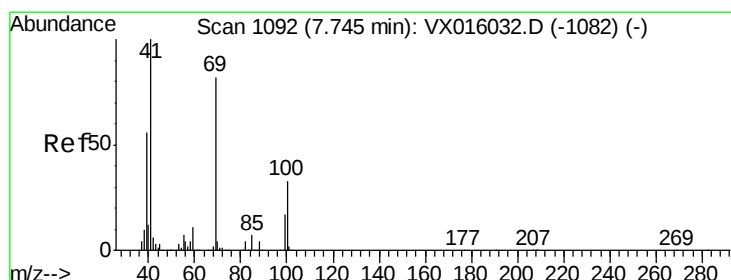
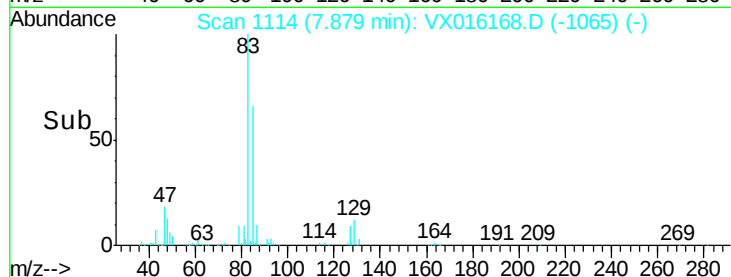
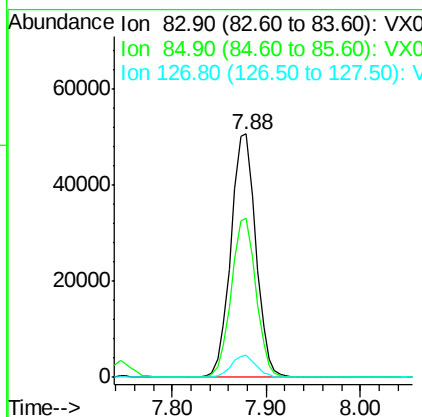
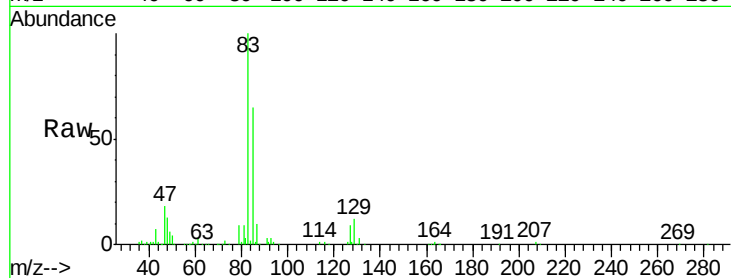
ClientSampleId :

VX0513WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 93379 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.5  | 50.5  | 75.7  |
| 127      | 8.9   | 6.7   | 10.1  |

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#48

Methyl methacrylate

Concen: 17.865 ug/l

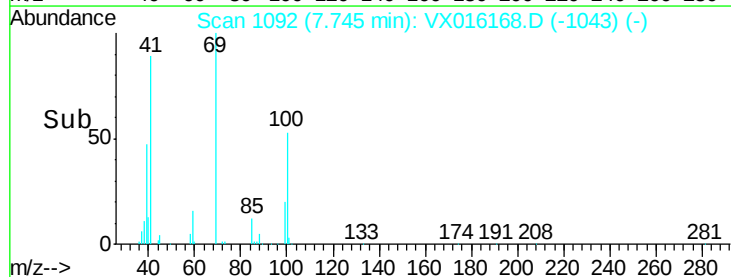
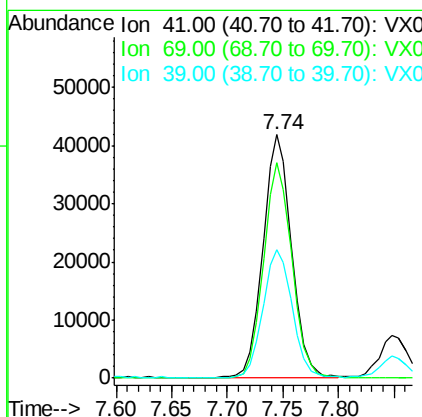
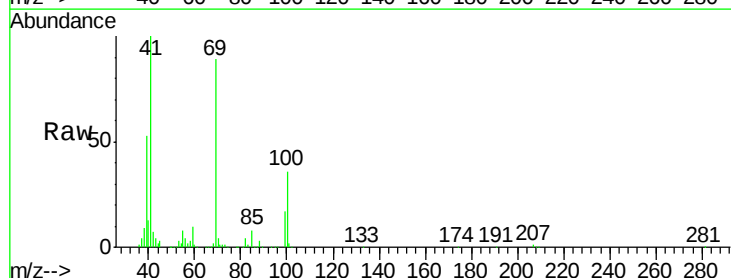
RT: 7.74 min Scan# 1092

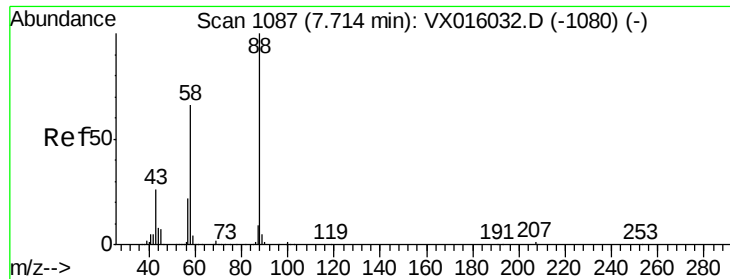
Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 74456 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 88.9  | 67.8  | 101.6 |
| 39       | 53.9  | 44.6  | 67.0  |





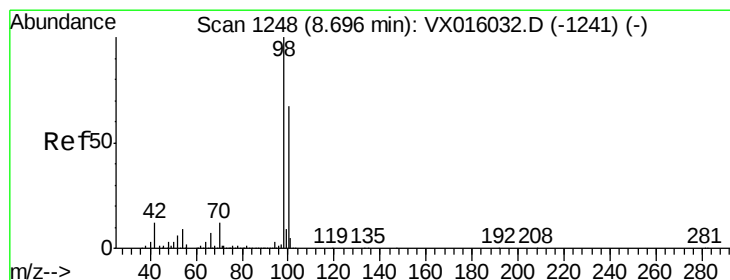
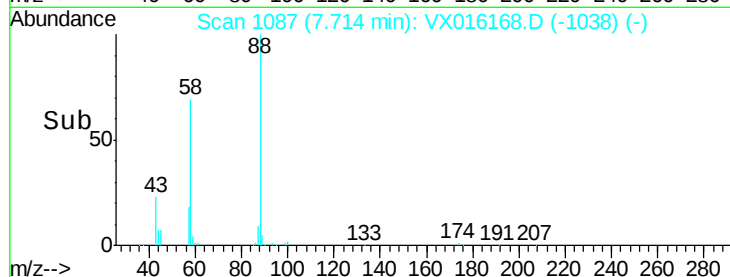
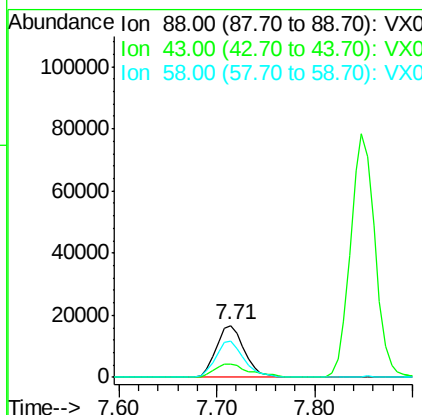
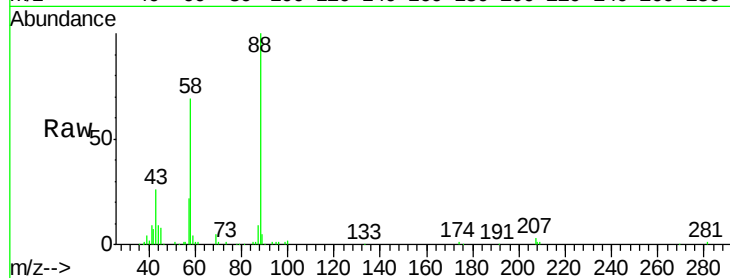
#49  
1,4-Dioxane  
Concen: 331.645 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.1  | 25.3  | 37.9  |
| 58      | 70.3  | 55.9  | 83.9  |

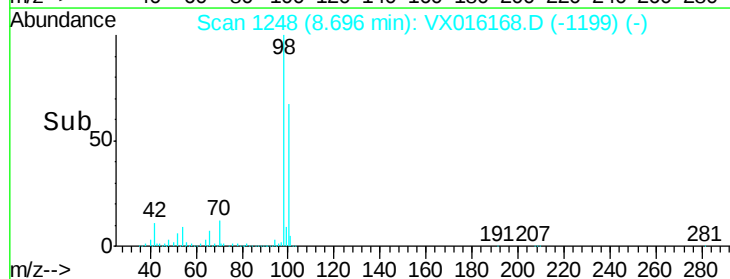
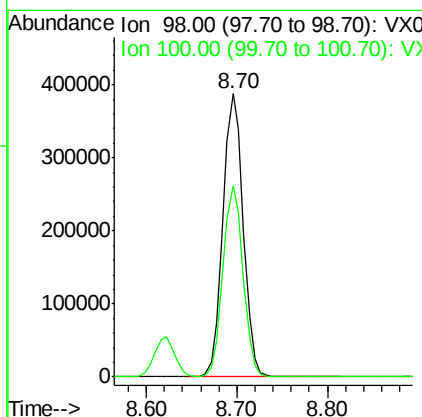
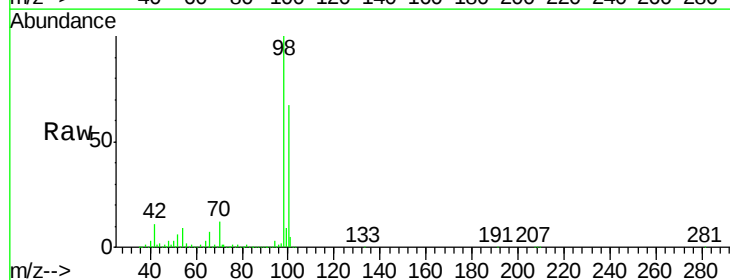
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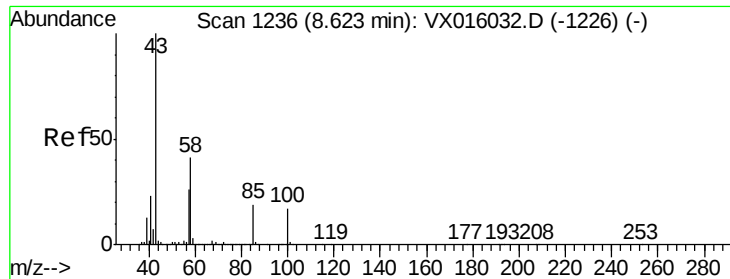
MMDadoda  
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#50  
Toluene-d8  
Concen: 51.241 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.9  | 53.7  | 80.5  |





#51

4-Methyl-2-Pentanone

Concen: 93.124 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 43 Resp: 501210

Ion Ratio Lower Upper

43 100

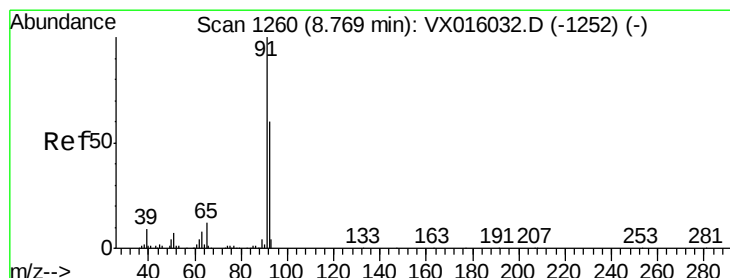
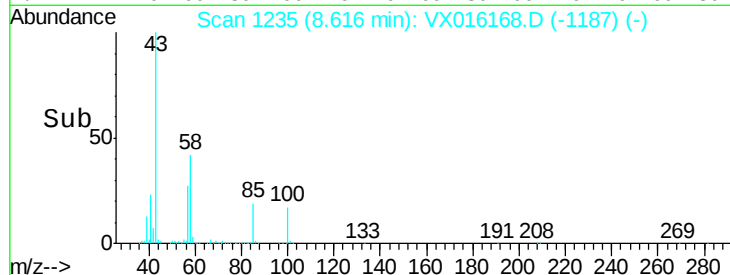
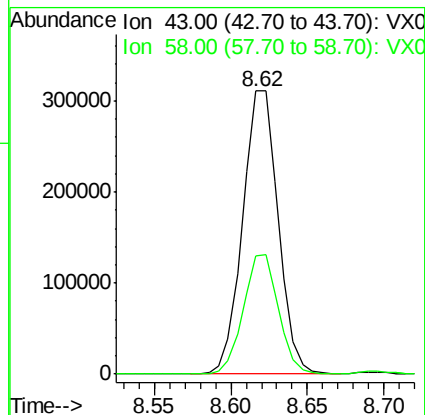
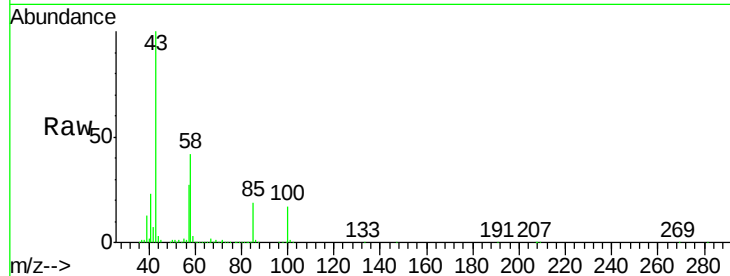
58 41.6 33.0 49.4

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#52

Toluene

Concen: 19.501 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016168.D

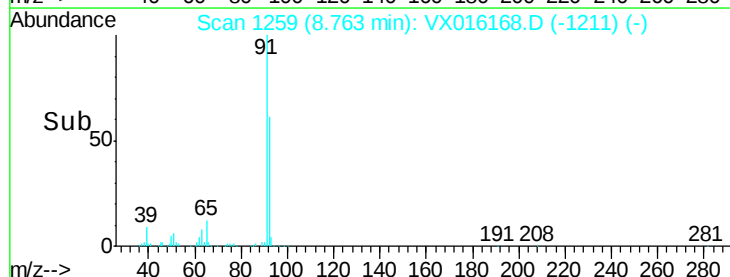
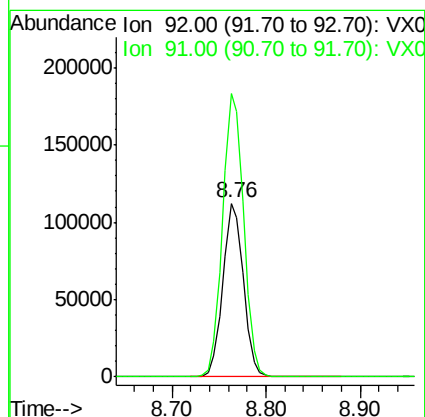
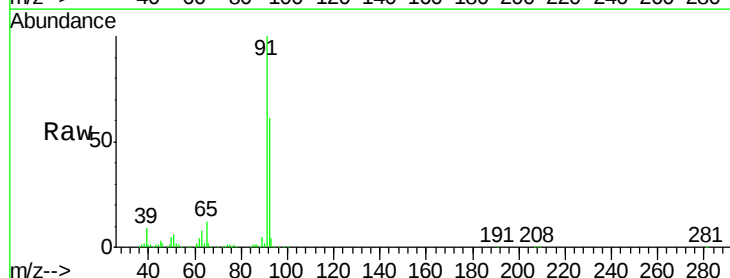
Acq: 13 May 2020 10:57

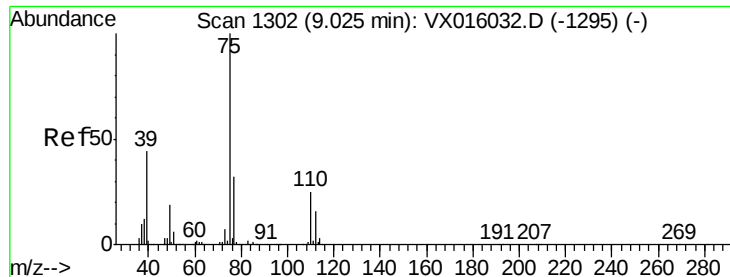
Tgt Ion: 92 Resp: 169149

Ion Ratio Lower Upper

92 100

91 168.0 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.698 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 75 Resp: 108652

Ion Ratio Lower Upper

75 100

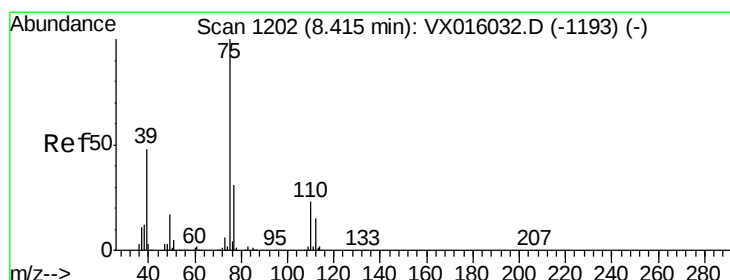
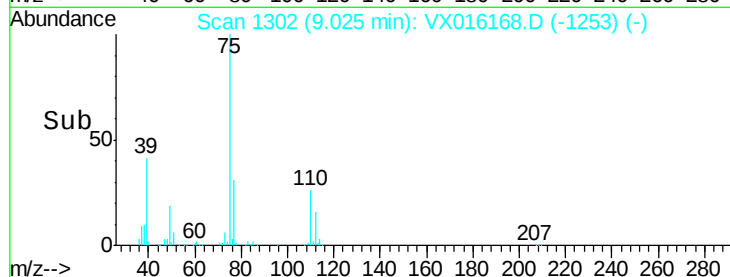
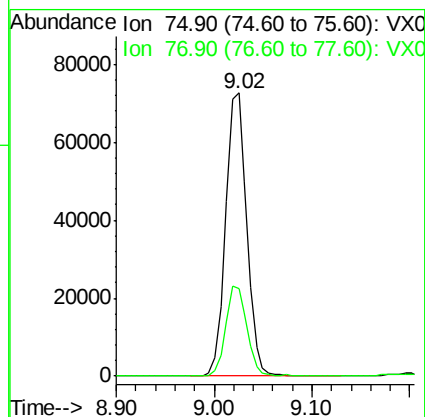
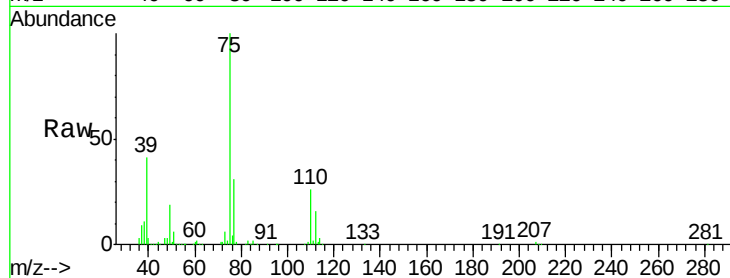
77 31.0 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 19.181 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

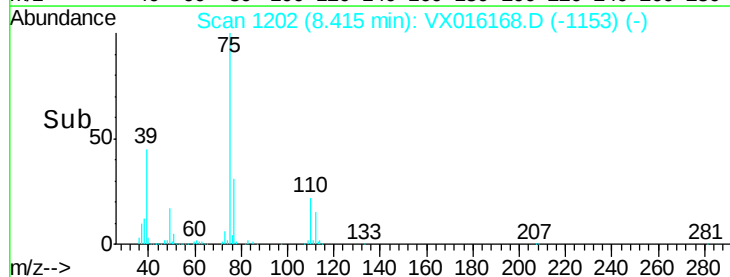
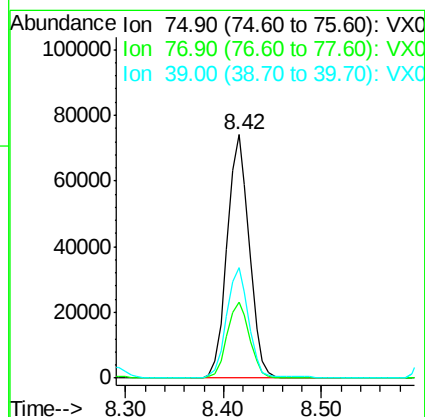
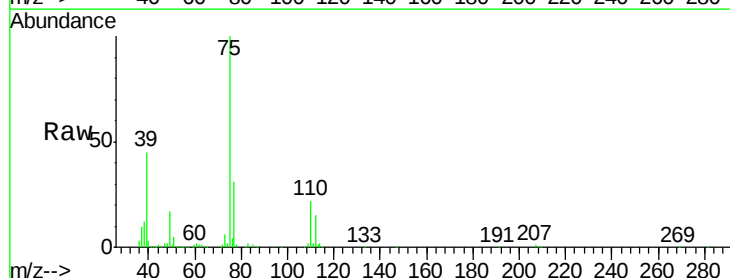
Tgt Ion: 75 Resp: 116420

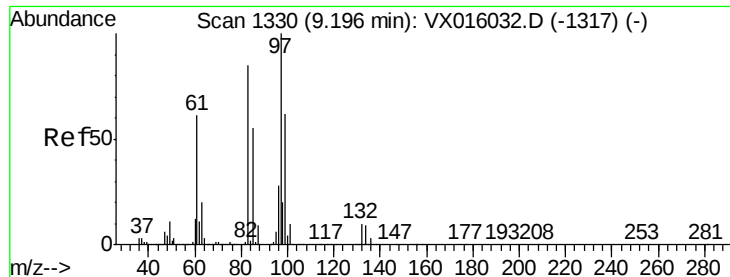
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 45.0 38.7 58.1





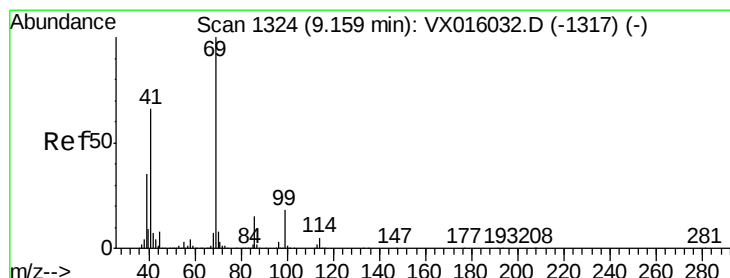
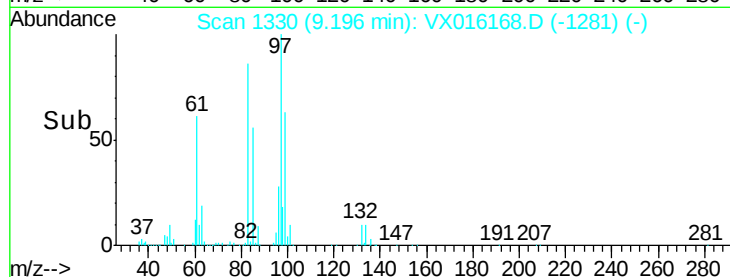
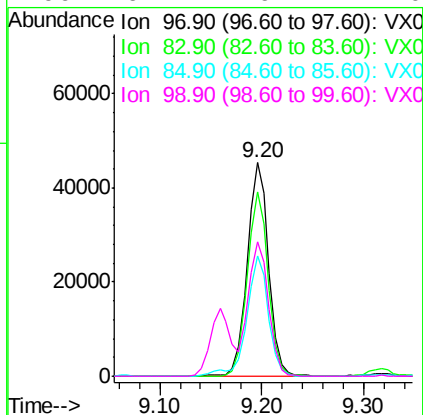
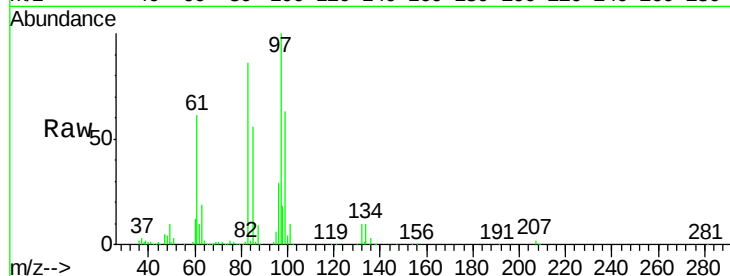
#55  
 1,1,2-Trichloroethane  
 Concen: 19.369 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 66099 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.0  | 67.8  | 101.8 |
| 85       | 56.1  | 43.8  | 65.8  |
| 99       | 62.7  | 49.4  | 74.0  |

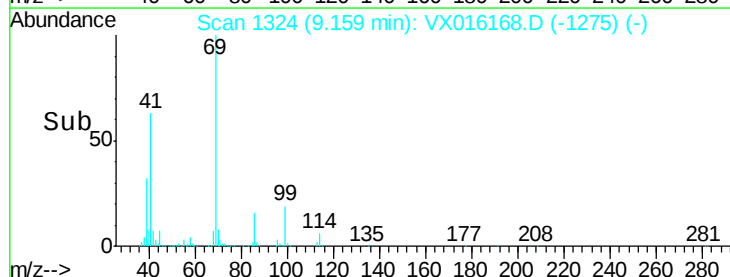
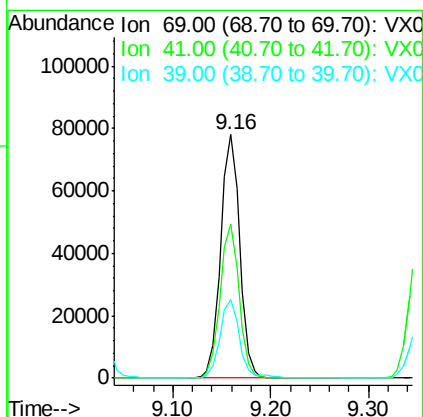
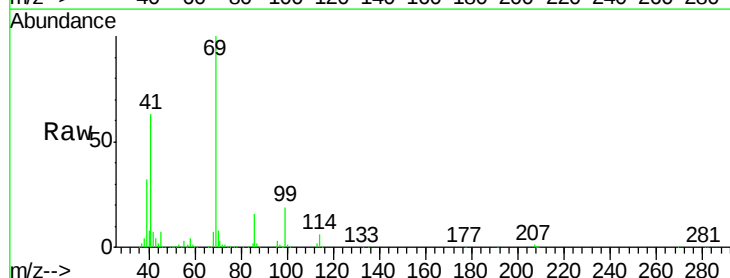
Manual Integrations  
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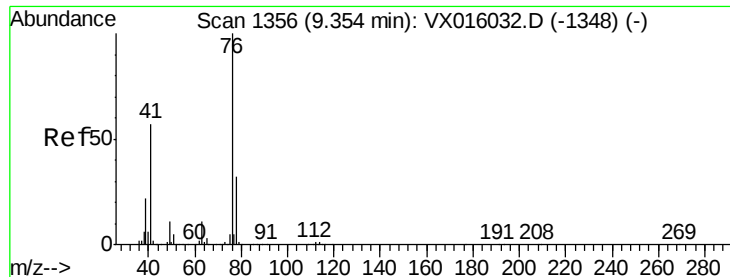
MMDadoda  
 5/14/2020 12:15:54 PM



#56  
 Ethyl methacrylate  
 Concen: 19.014 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 105917 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.8  | 52.2  | 78.4   |
| 39       | 32.5  | 28.2  | 42.4   |





#57

1,3-Dichloropropane

Concen: 19.468 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 76 Resp: 115928

Ion Ratio Lower Upper

76 100

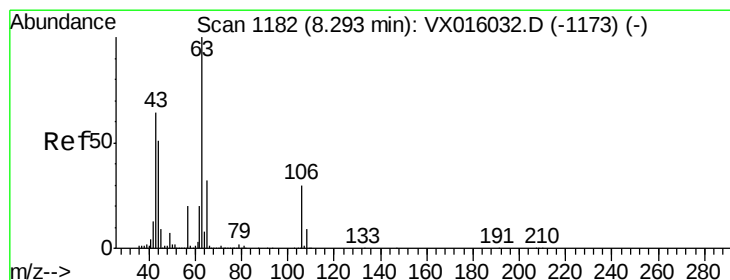
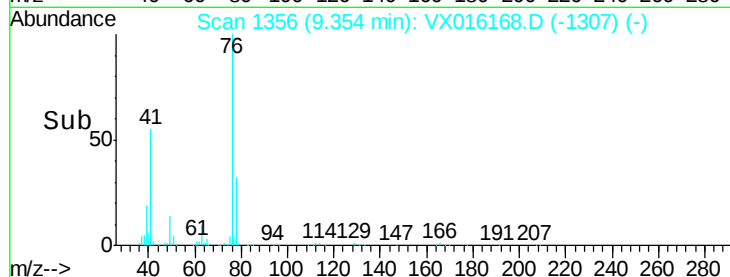
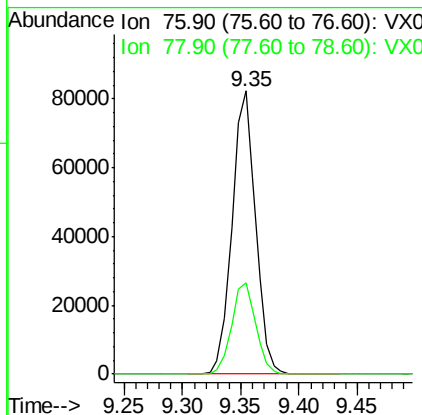
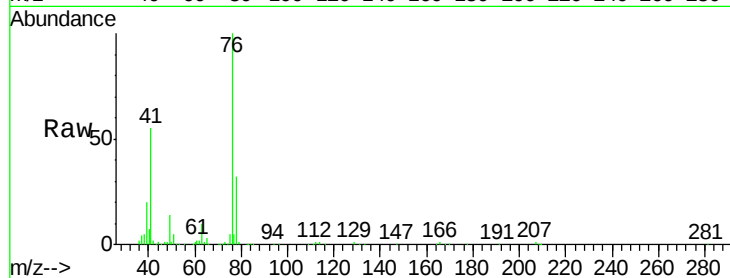
78 33.5 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 91.956 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016168.D

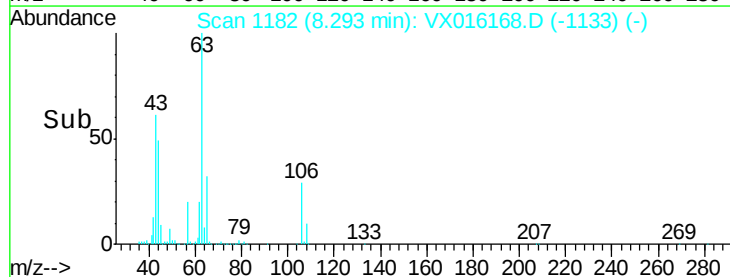
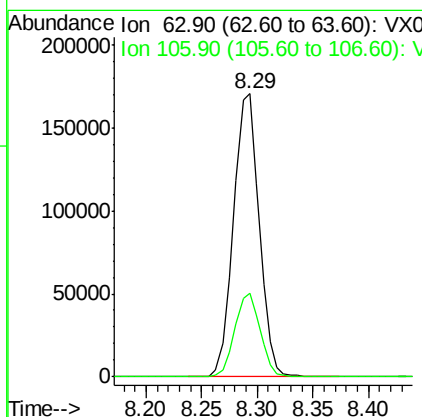
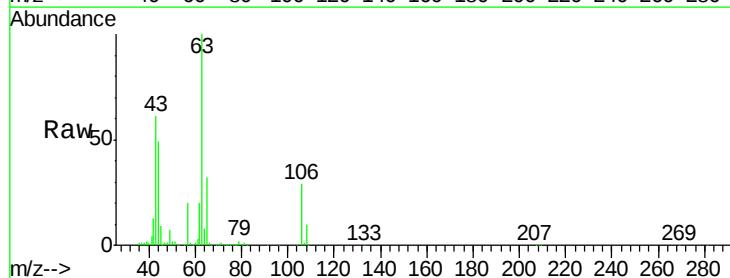
Acq: 13 May 2020 10:57

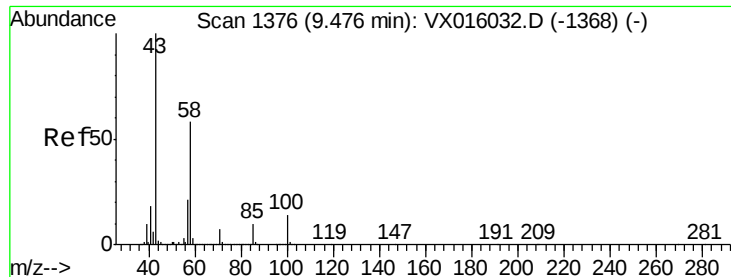
Tgt Ion: 63 Resp: 272708

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





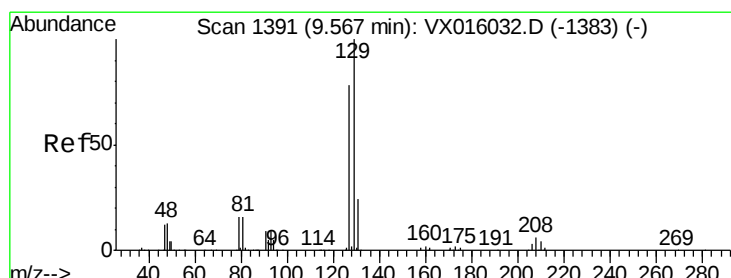
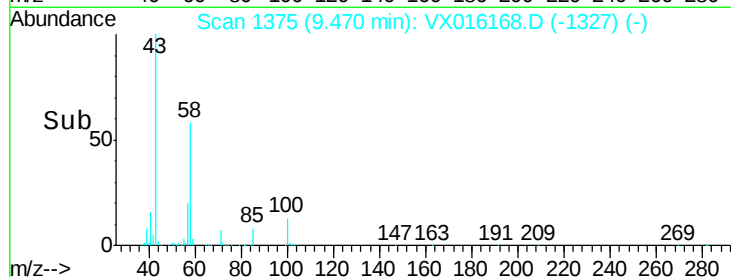
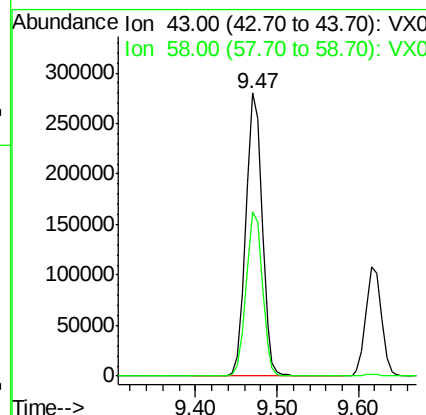
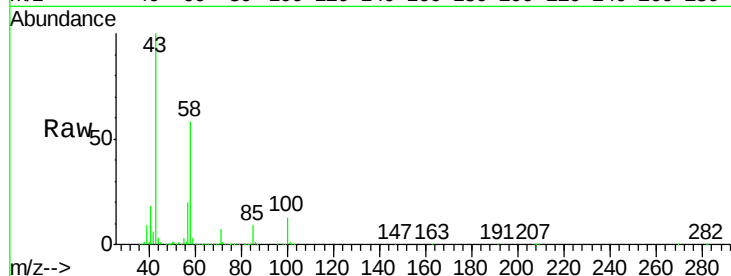
#59  
2-Hexanone  
Concen: 90.589 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

Tot Ion: 43 Resp: 382899  
Ion Ratio Lower Upper  
43 100  
58 58.2 28.6 85.9

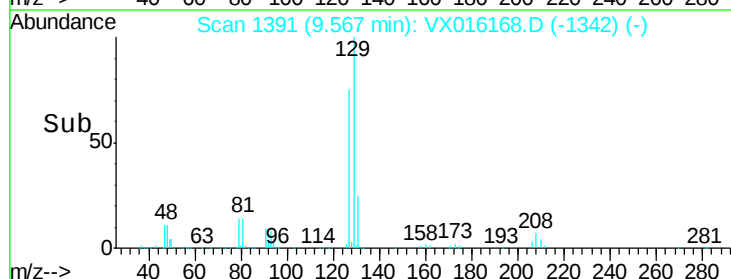
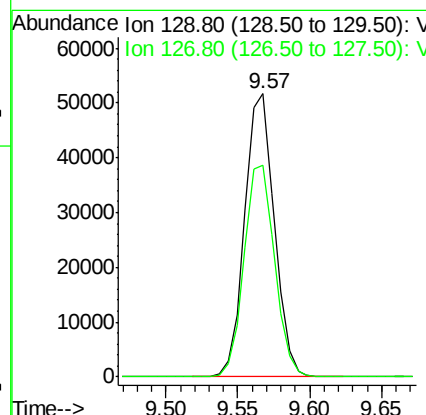
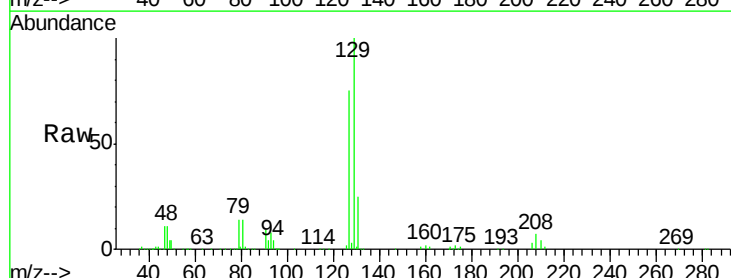
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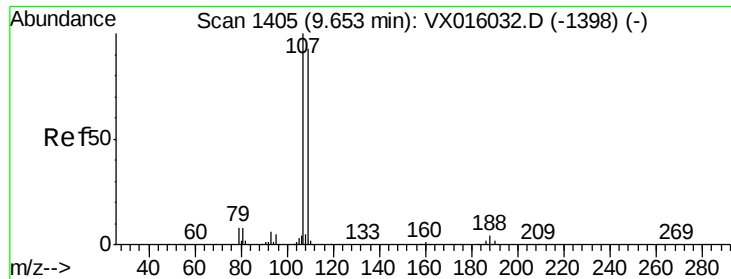
MMDadoda  
5/14/2020 12:15:54 PM



#60  
Dibromochloromethane  
Concen: 19.653 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Tgt Ion: 129 Resp: 73867  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.4 115.2





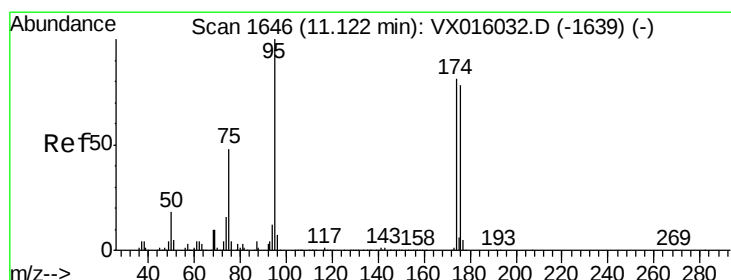
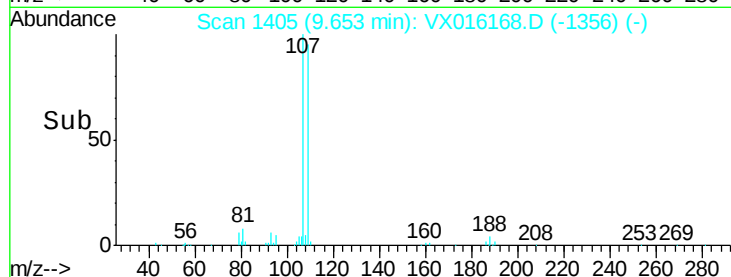
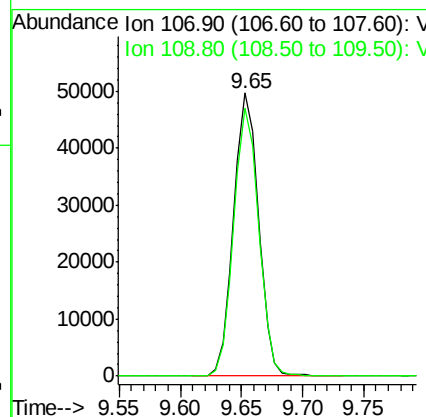
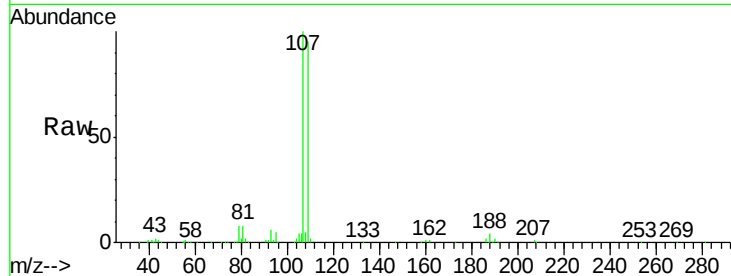
#61  
 1,2-Dibromoethane  
 Concen: 19.015 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.8  | 74.9  | 112.3 |

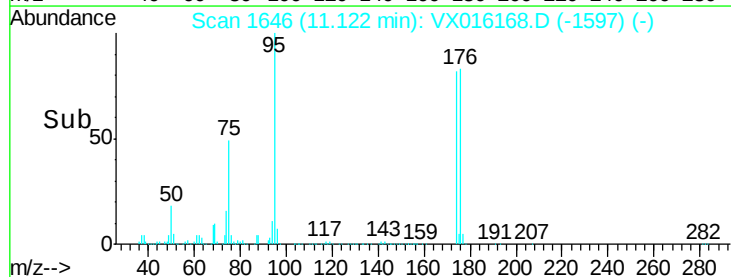
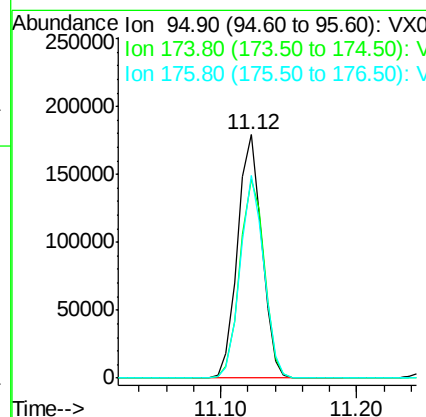
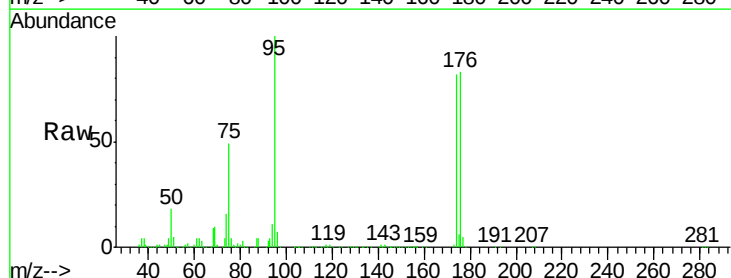
Manual Integrations  
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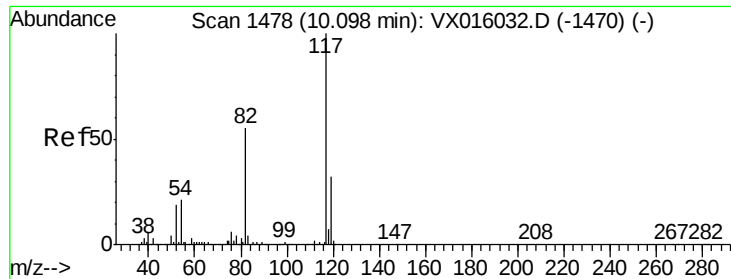
MMDadoda  
 5/14/2020 12:15:54 PM



#62  
 4-Bromofluorobenzene  
 Concen: 49.614 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 82.7  | 0.0   | 159.4 |
| 176     | 80.9  | 0.0   | 157.6 |





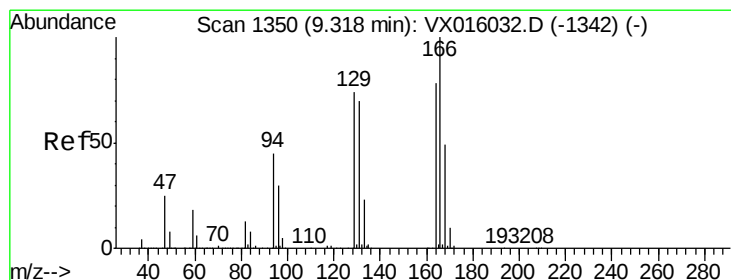
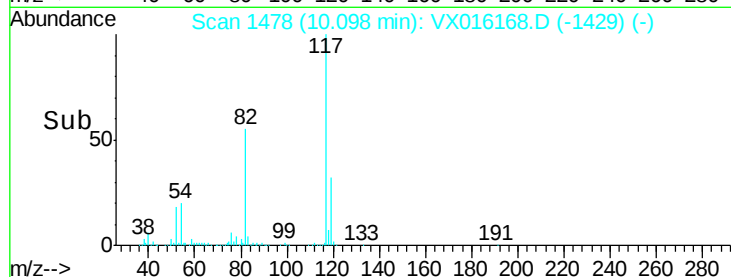
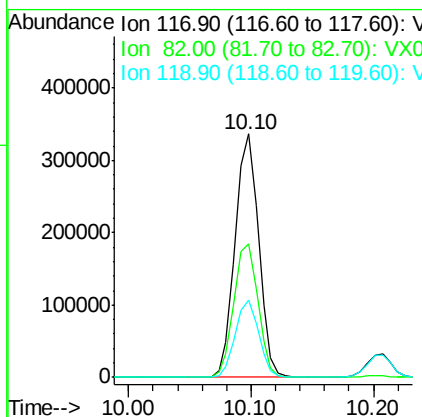
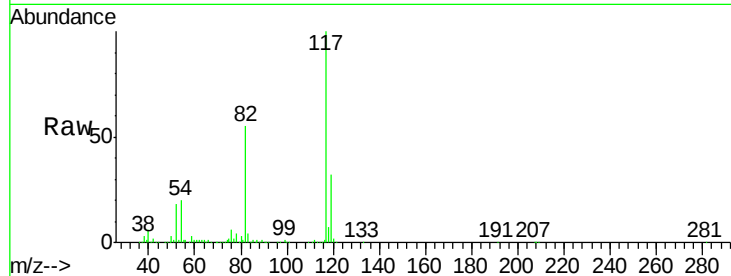
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 446336 |       |       |
| 82      | 54.9  | 44.4   | 66.6  |       |
| 119     | 31.6  | 25.5   | 38.3  |       |

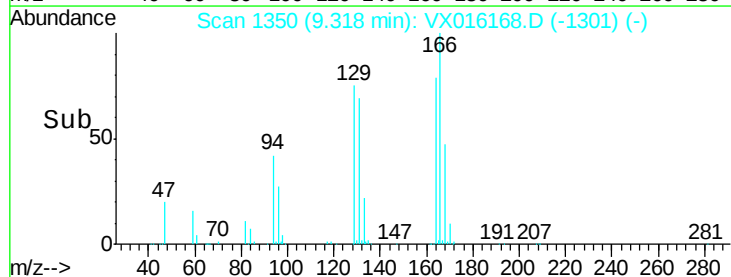
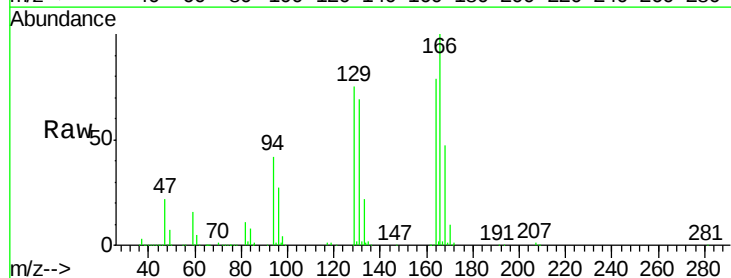
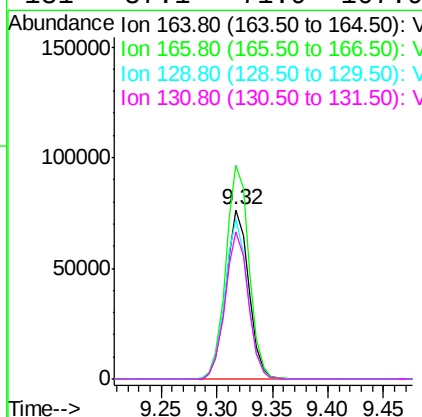
Manual Integrations  
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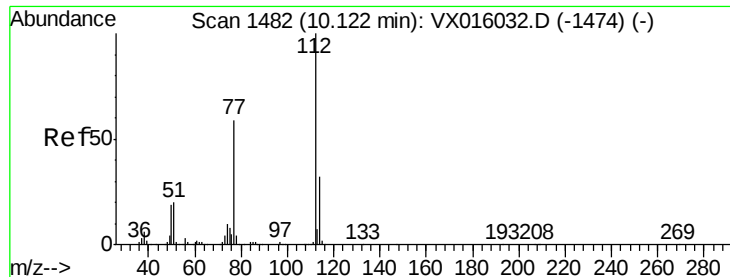
MMDadoda  
5/14/2020 12:15:54 PM



#64  
Tetrachloroethene  
Concen: 19.753 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 108234 |       |       |
| 166     | 126.1 | 102.9  | 154.3 |       |
| 129     | 94.3  | 76.1   | 114.1 |       |
| 131     | 87.1  | 71.9   | 107.9 |       |





#65

Chlorobenzene

Concen: 19.106 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampled :

VX0513WBS01

Tot Ion:112 Resp: 178556

Ion Ratio Lower Upper

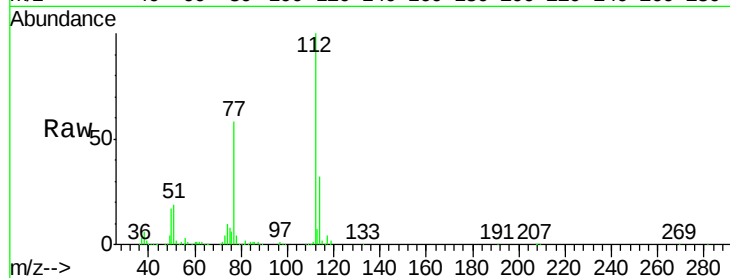
112 100

114 32.2 25.7 38.5

Manual Integrations  
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5/14/2020 12:15:54 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

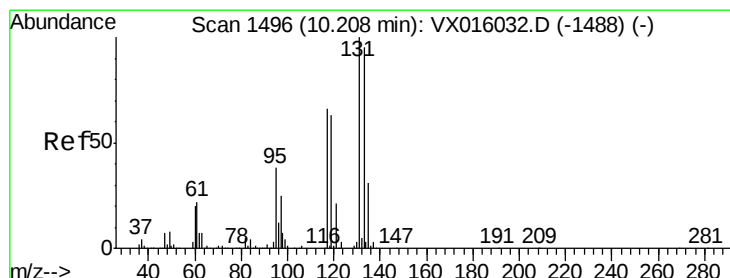
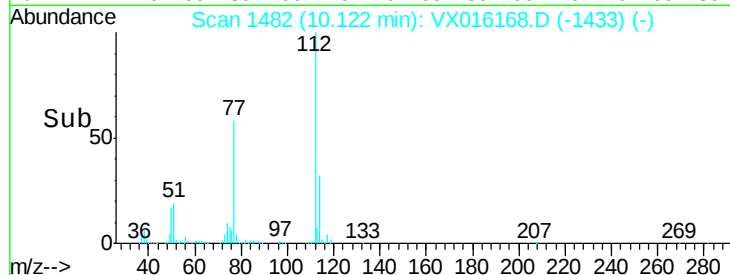
100000

50000

0

10.10 10.12 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.424 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

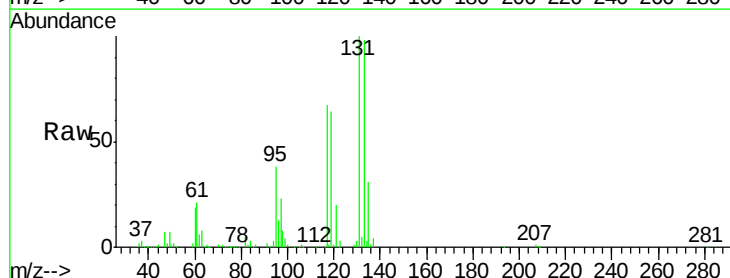
Tgt Ion:131 Resp: 67096

Ion Ratio Lower Upper

131 100

133 96.6 48.3 144.8

119 64.4 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

30000

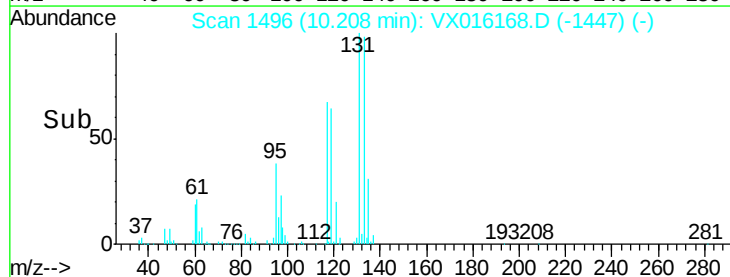
20000

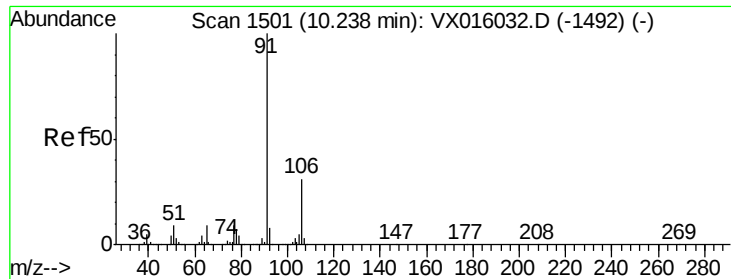
10000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 19.275 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 91 Resp: 321415

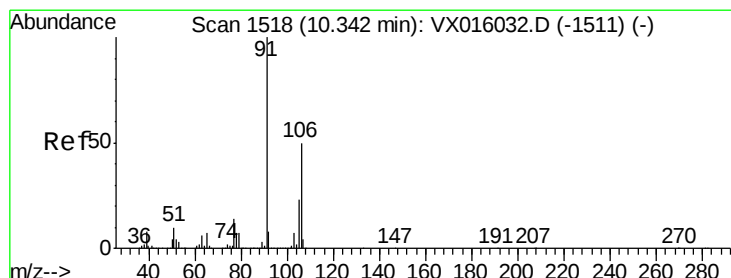
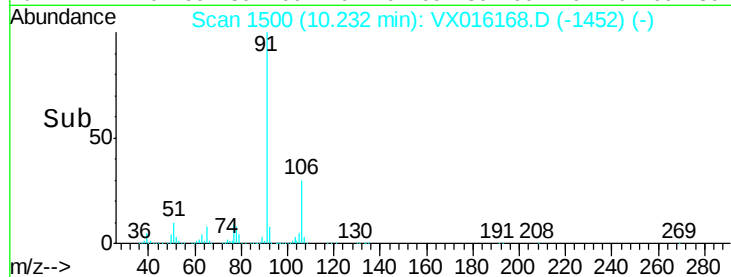
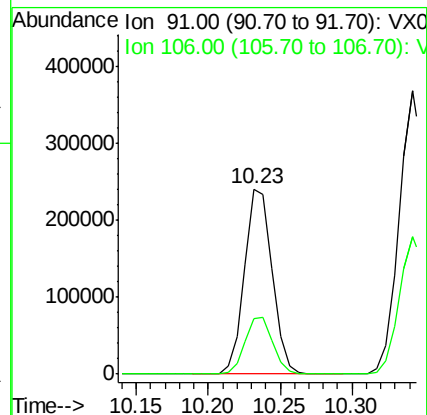
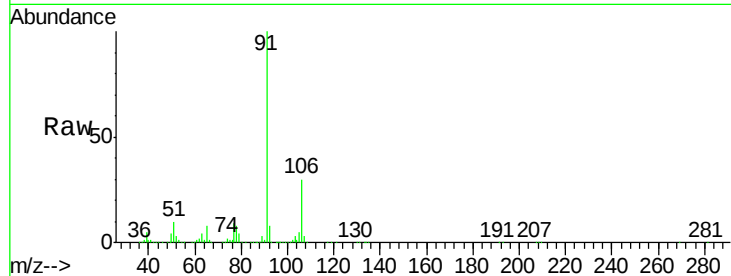
Ion Ratio Lower Upper

91 100

106 30.0 25.1 37.7

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#68

m/p-Xylenes

Concen: 38.704 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016168.D

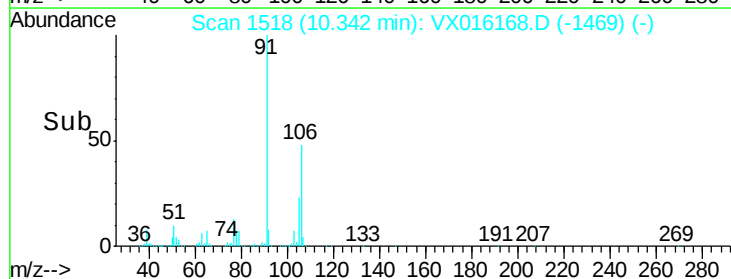
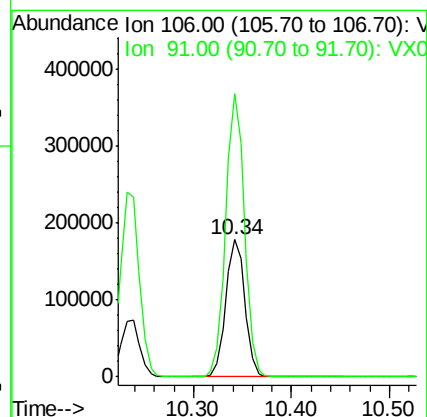
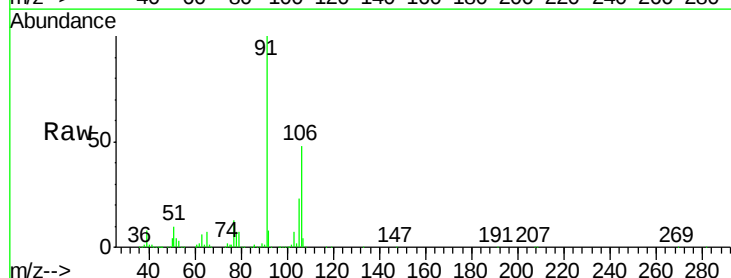
Acq: 13 May 2020 10:57

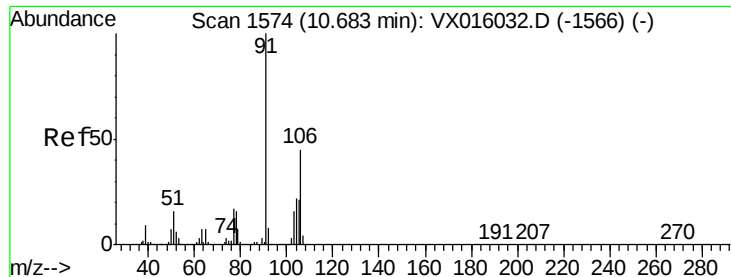
Tgt Ion: 106 Resp: 241805

Ion Ratio Lower Upper

106 100

91 202.8 161.7 242.5





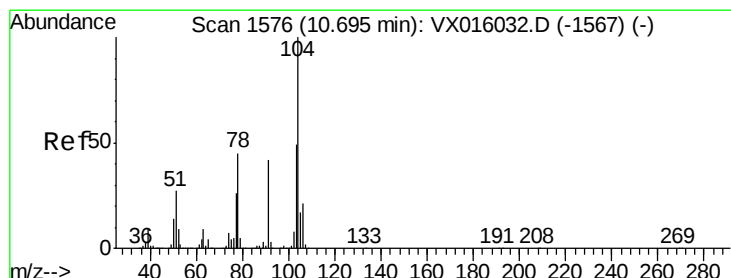
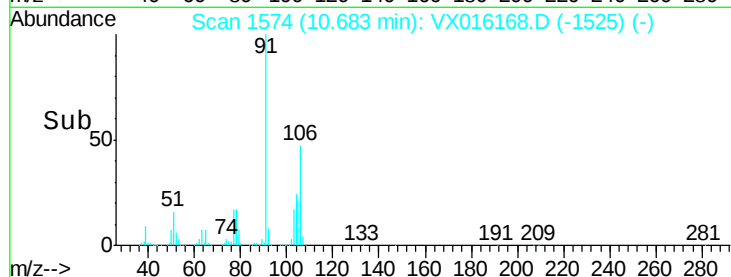
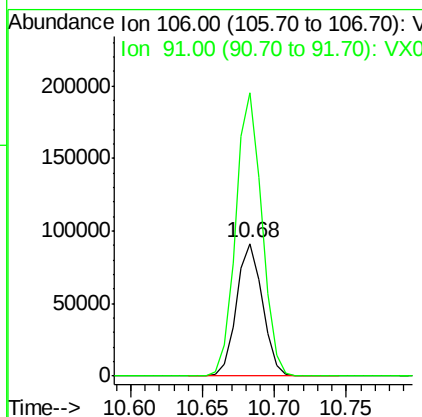
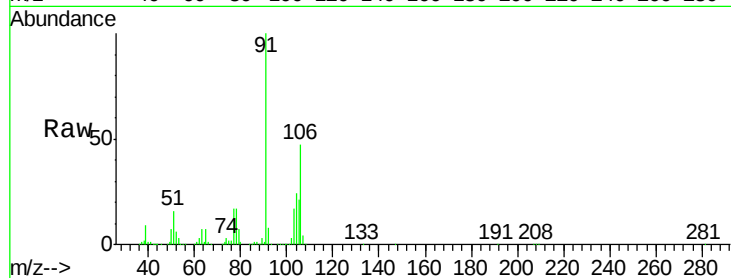
#69  
o-Xylene  
Concen: 19.317 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 116005 |       |       |
| 91      | 213.9 | 107.5  | 322.6 |       |

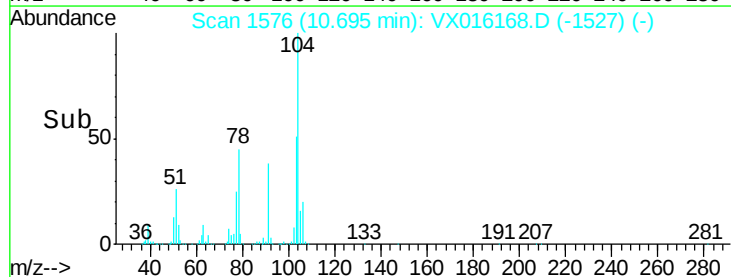
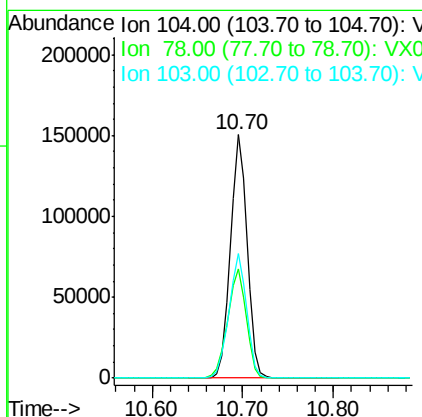
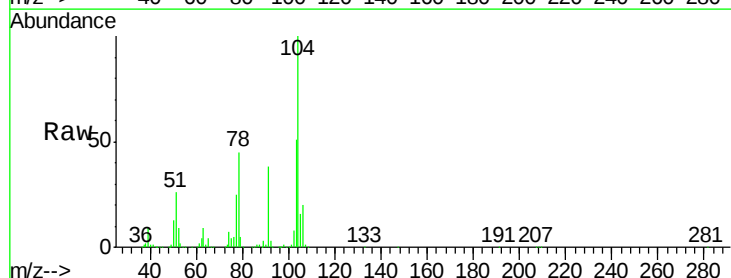
Manual Integrations  
APPROVED

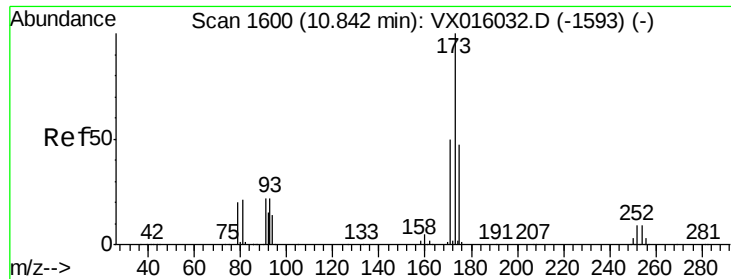
MMDadoda  
5/14/2020 12:15:54 PM



#70  
Styrene  
Concen: 18.977 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 193341 |       |       |
| 78      | 49.8  | 40.2   | 60.2  |       |
| 103     | 54.5  | 43.0   | 64.6  |       |





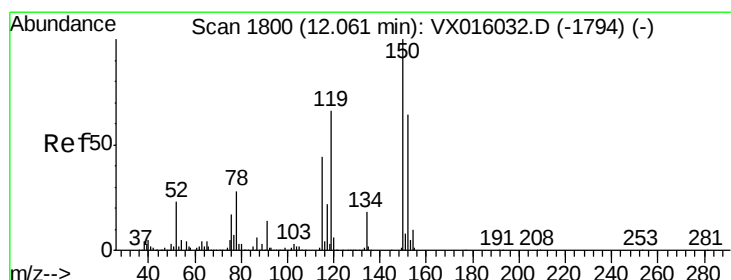
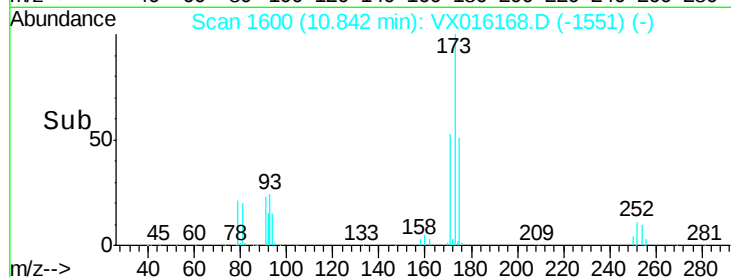
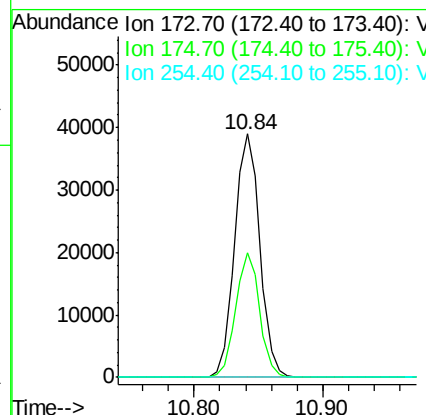
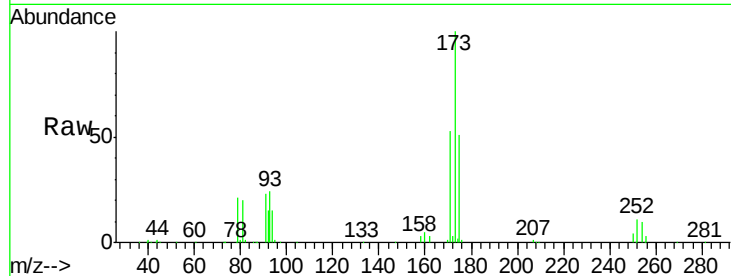
#71  
Bromoform  
Concen: 18.970 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.7  | 24.0  | 72.0  |
| 254     | 0.1   | 0.1   | 0.1   |

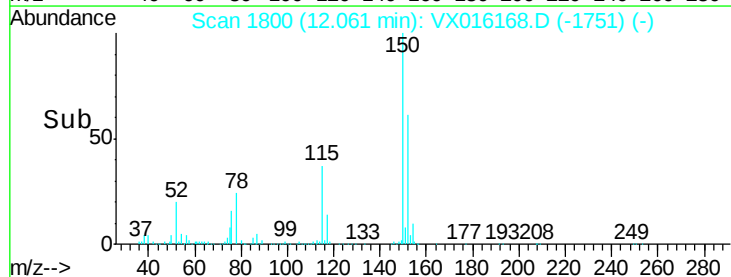
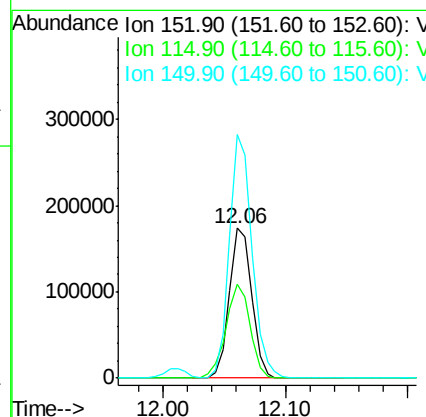
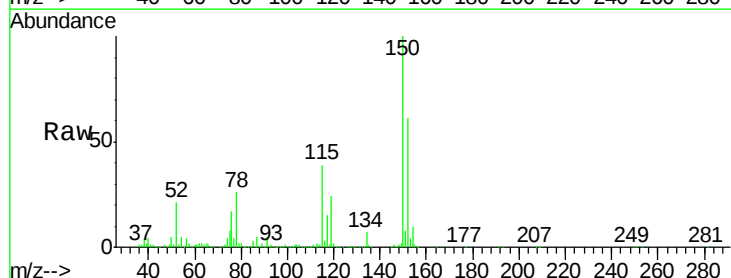
Manual Integrations  
APPROVED

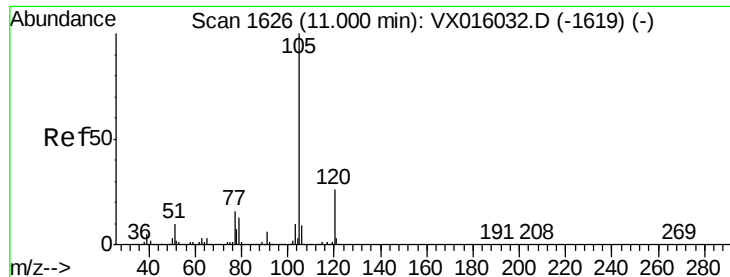
MMDadoda  
5/14/2020 12:15:54 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 67.9  | 41.3  | 124.1 |
| 150     | 165.5 | 0.0   | 352.2 |





#73

Isopropylbenzene

Concen: 19.527 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion: 105 Resp: 310732

Ion Ratio Lower Upper

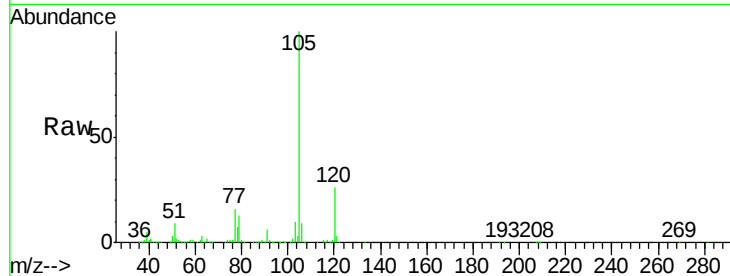
105 100

120 26.4 13.4 40.2

Manual Integrations  
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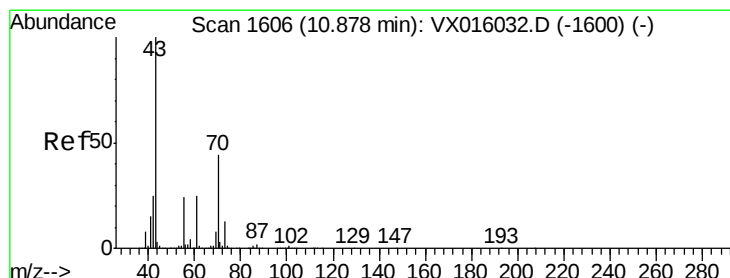
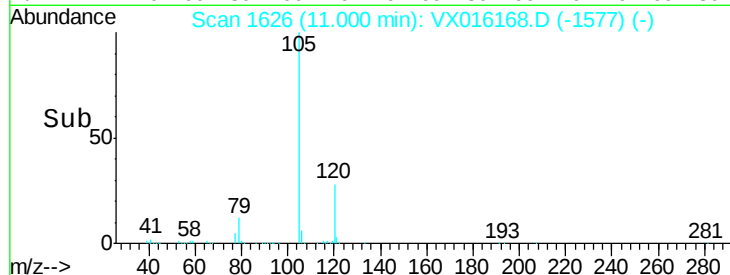
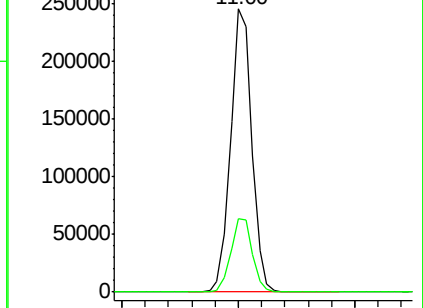
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.496 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Tgt Ion: 43 Resp: 137284

Ion Ratio Lower Upper

43 100

70 45.5 36.5 54.7

55 25.8 19.7 29.5

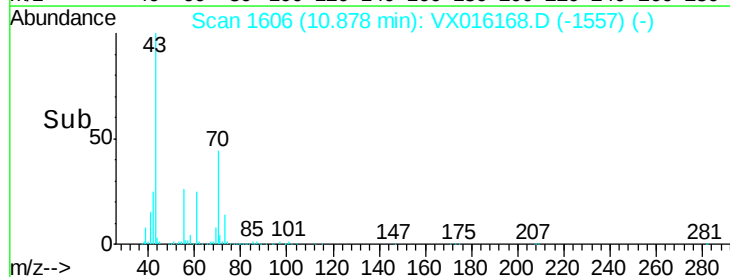
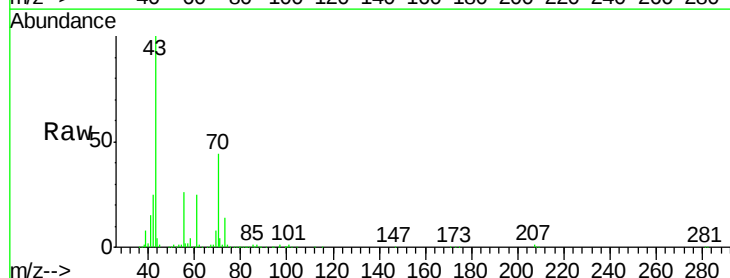
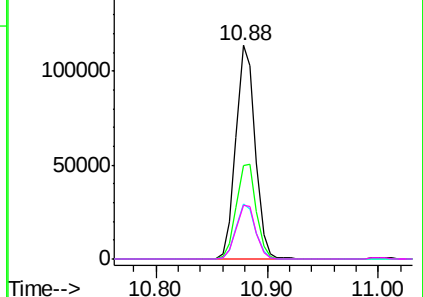
61 25.7 20.9 31.3

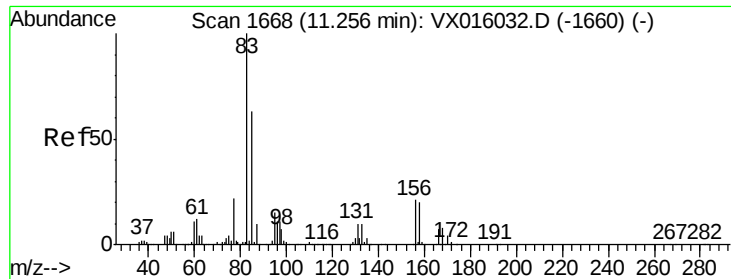
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.159 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

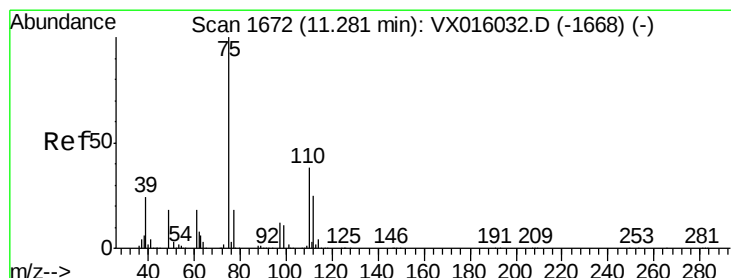
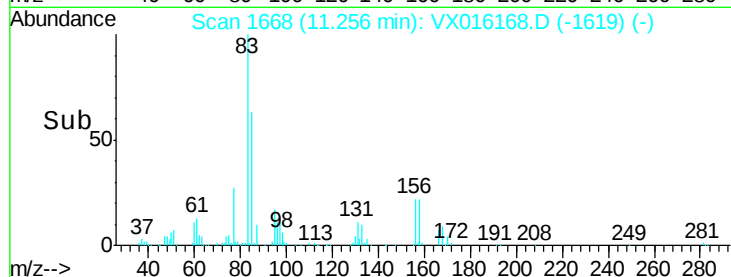
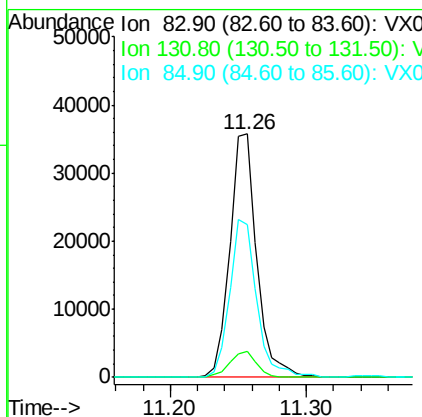
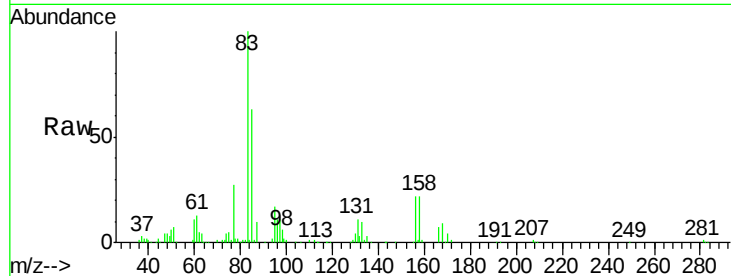
ClientSampleId :

VX0513WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 49326 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.6  | 5.1   | 15.4  |
| 85        | 65.0  | 32.0  | 96.0  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 19.294 ug/l m

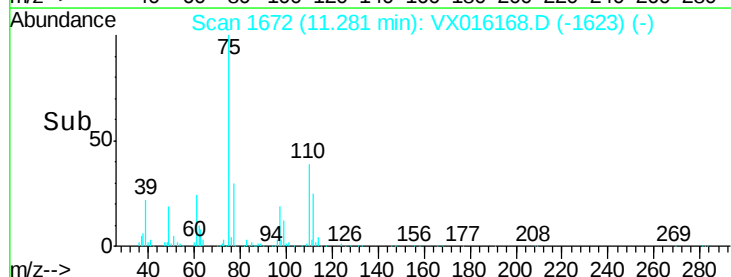
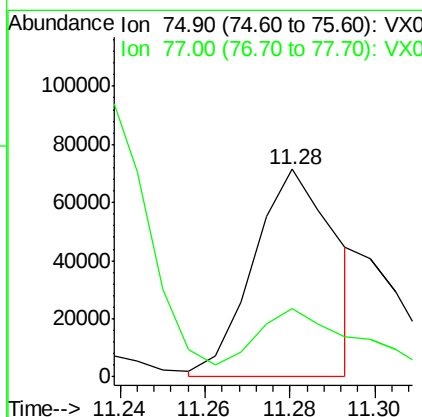
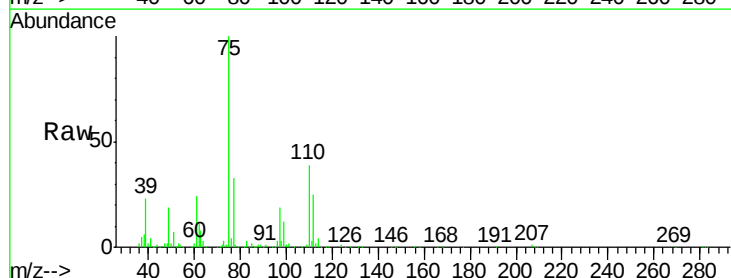
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 95787 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 42.1  | 21.2  | 63.6  |





#77

Bromobenzene

Concen: 18.701 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0513WBS01

Tot Ion:156 Resp: 76813

Ion Ratio Lower Upper

156 100

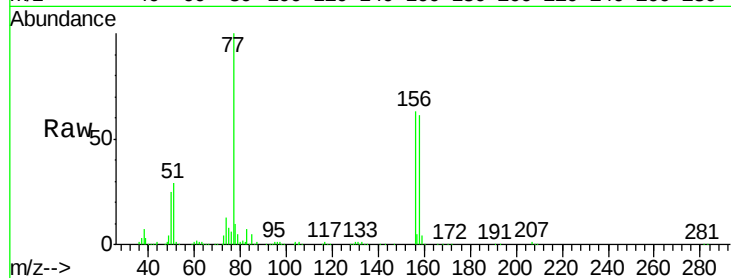
77 161.9 80.1 240.3

158 97.1 49.4 148.2

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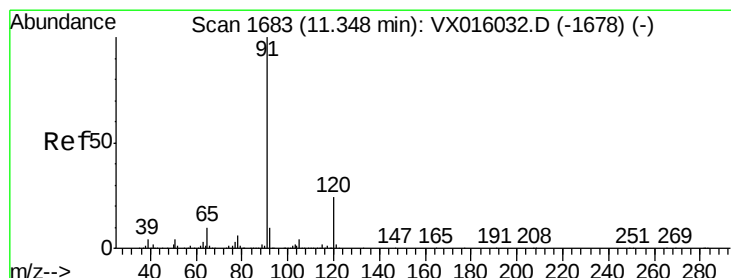
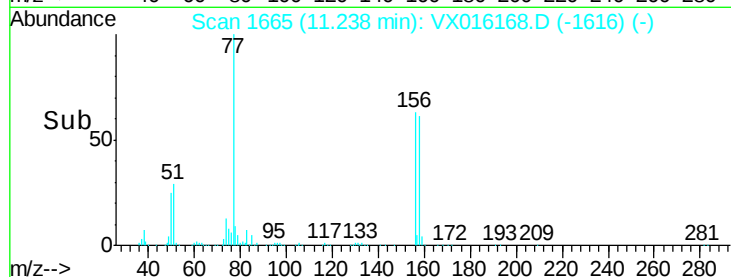
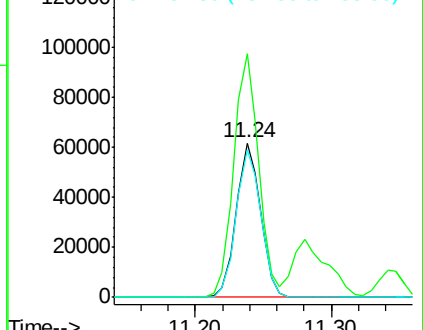
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.185 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016168.D

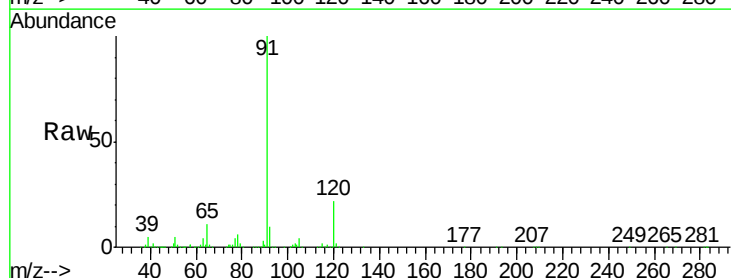
Acq: 13 May 2020 10:57

Tgt Ion: 91 Resp: 355153

Ion Ratio Lower Upper

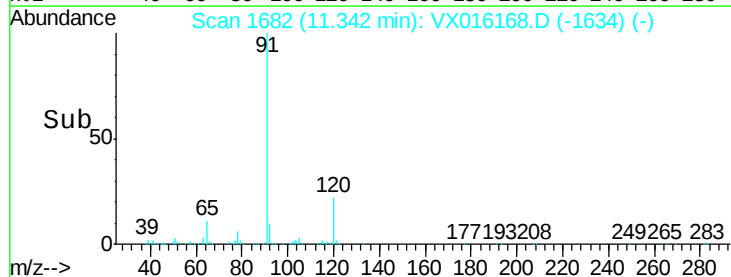
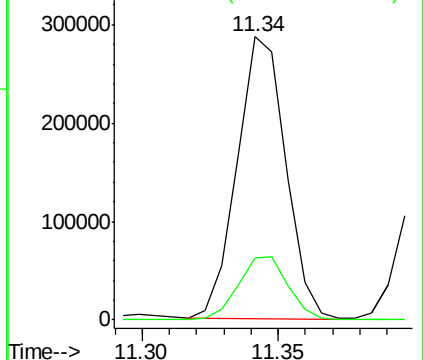
91 100

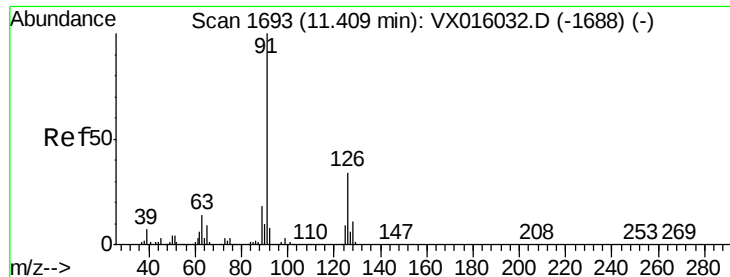
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





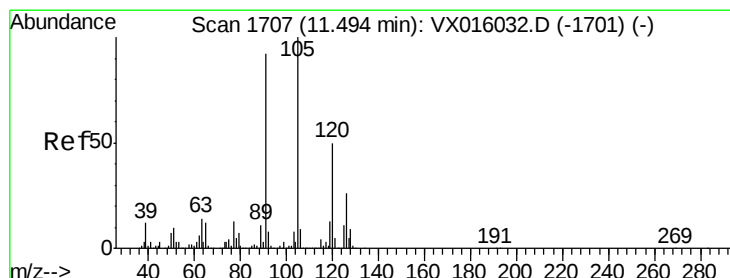
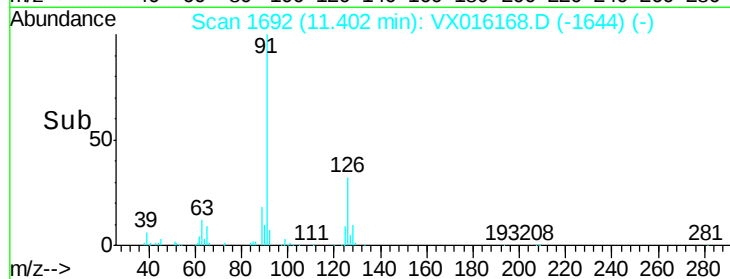
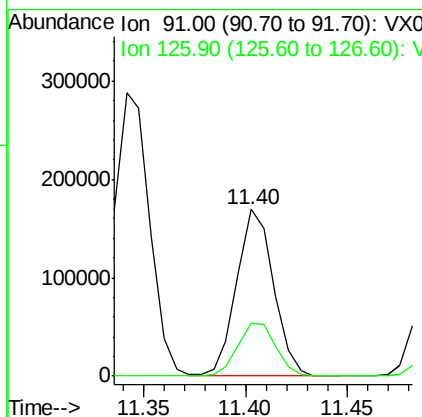
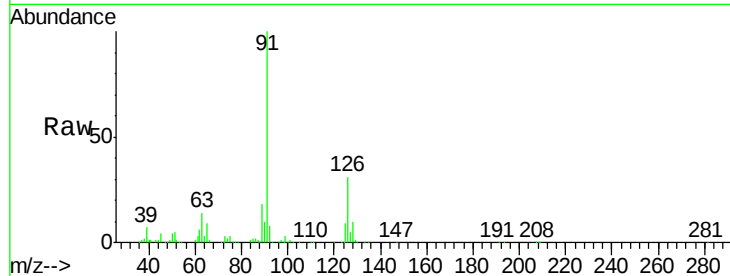
#79  
 2-Chlorotoluene  
 Concen: 19.444 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

Tot Ion: 91 Resp: 212467  
 Ion Ratio Lower Upper  
 91 100  
 126 33.4 16.9 50.6

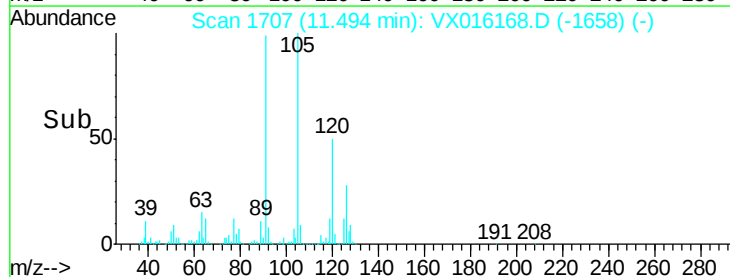
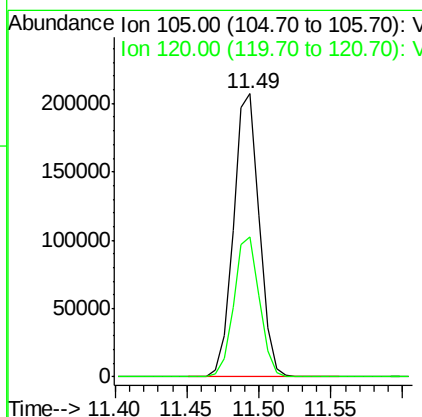
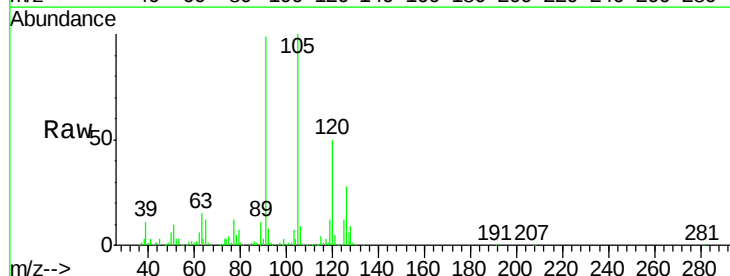
Manual Integrations  
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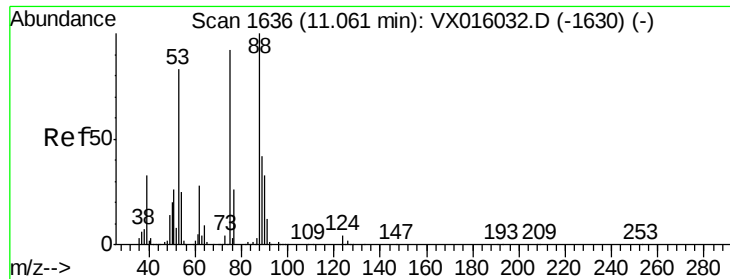
MMDadoda  
 5/14/2020 12:15:54 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.317 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Tgt Ion: 105 Resp: 259539  
 Ion Ratio Lower Upper  
 105 100  
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.696 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

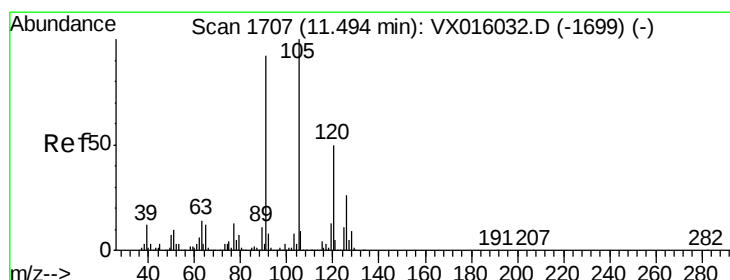
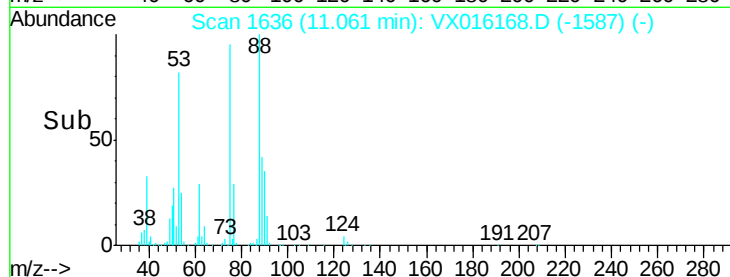
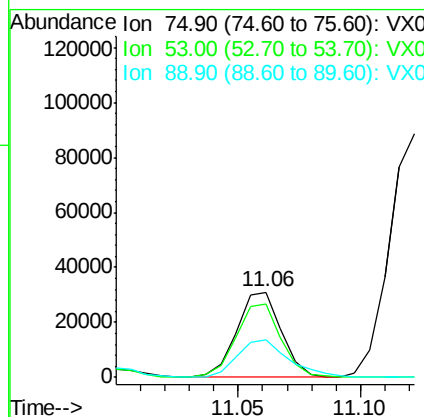
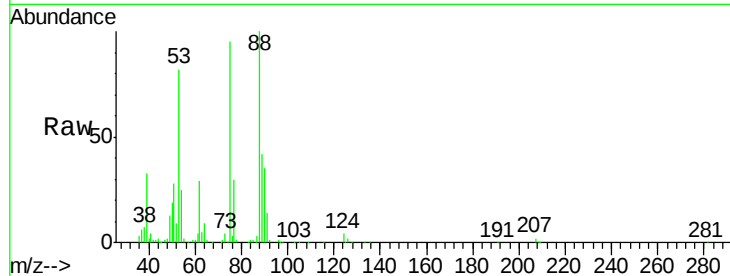
ClientSampleId :

VX0513WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 38949 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 88.2  | 73.1  | 109.7 |
| 89       | 51.7  | 36.7  | 55.1  |

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5/14/2020 12:15:54 PM



#82

4-Chlorotoluene

Concen: 19.308 ug/l

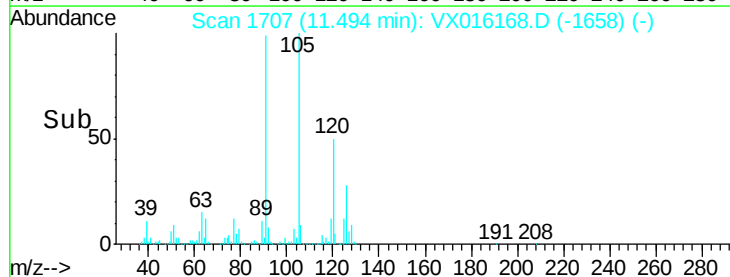
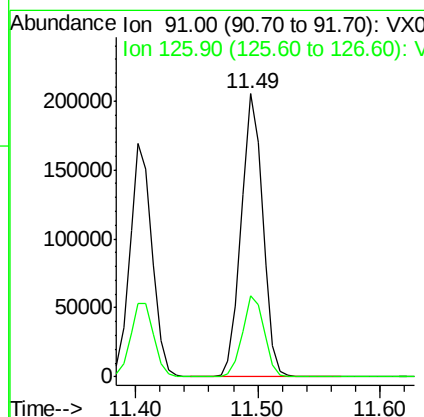
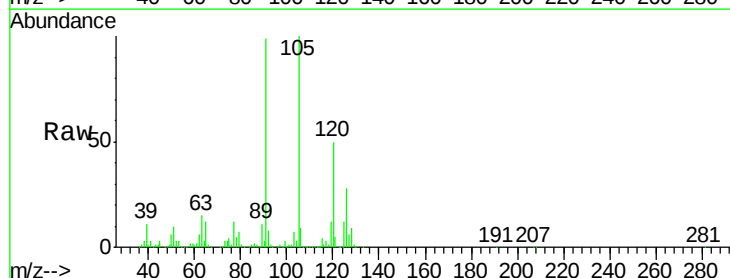
RT: 11.49 min Scan# 1707

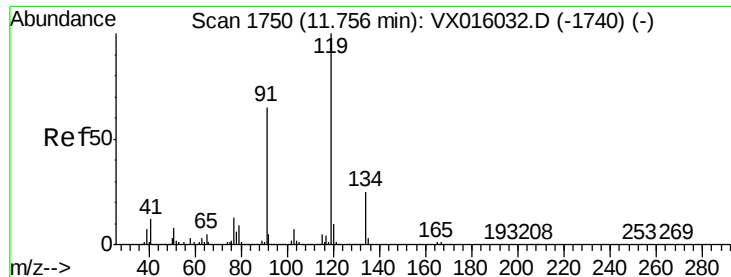
Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 249151 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 29.0  | 14.8  | 44.3   |





#83

tert-Butylbenzene

Concen: 18.893 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

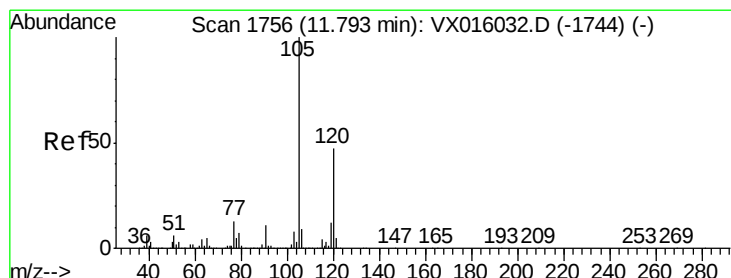
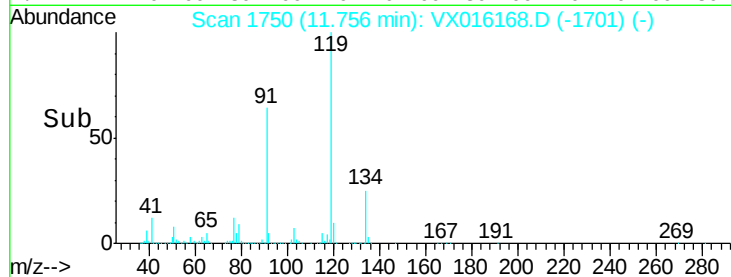
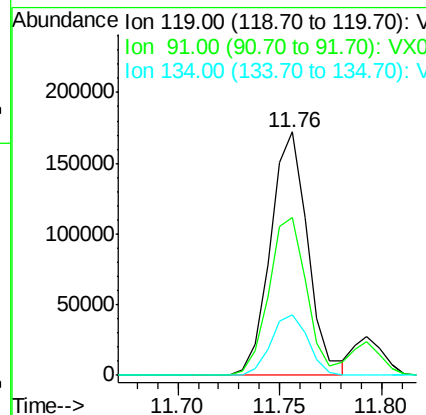
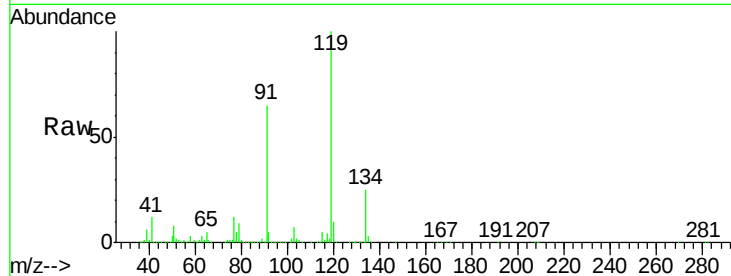
ClientSampleId :

VX0513WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 218759 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 65.3  | 32.8  | 98.4   |
| 134       | 25.0  | 12.4  | 37.0   |

Manual Integrations  
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#84

1,2,4-Trimethylbenzene

Concen: 19.286 ug/l

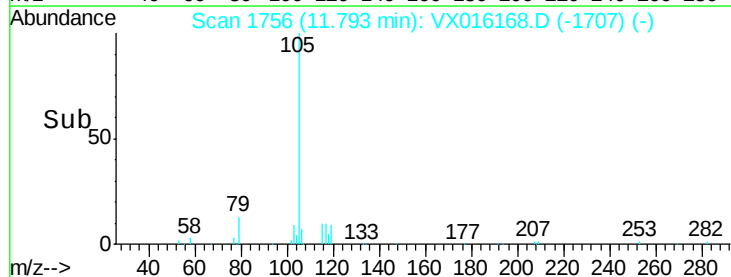
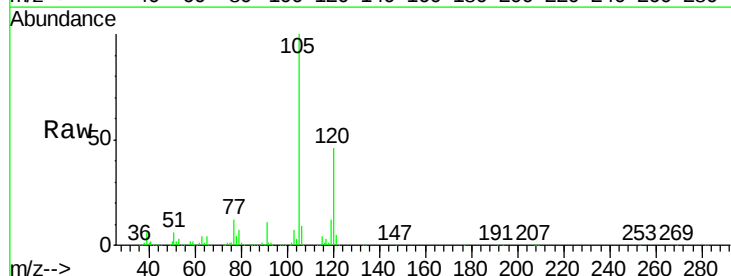
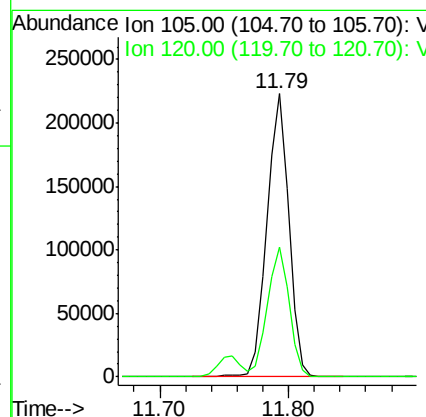
RT: 11.79 min Scan# 1756

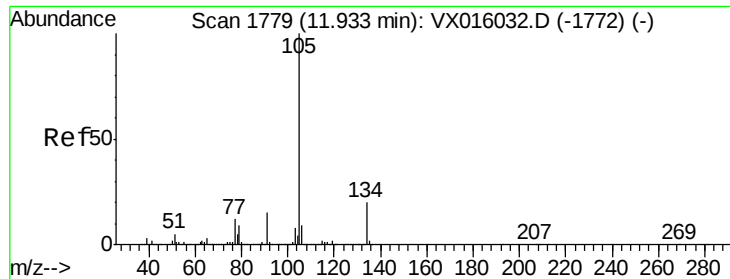
Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 261972 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.8  | 23.0  | 69.0   |





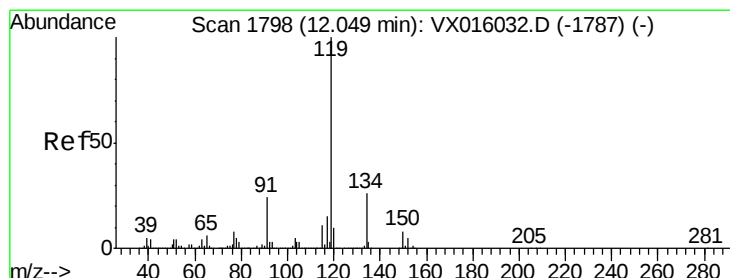
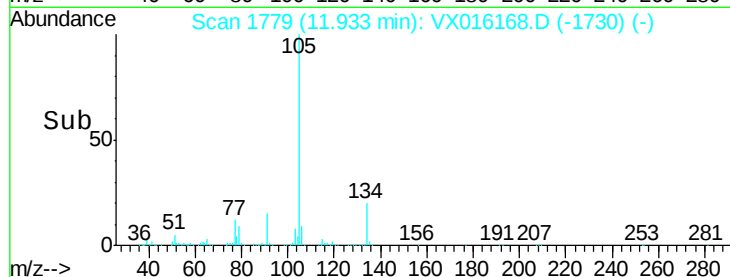
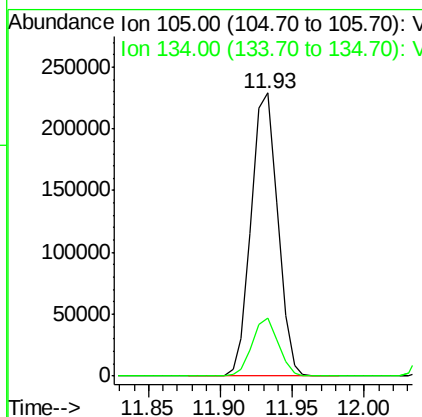
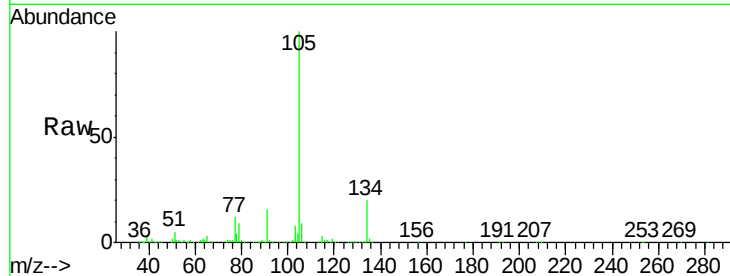
#85  
 sec-Butylbenzene  
 Concen: 18.622 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0513WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 291136 |       |       |
| 134     | 20.1  | 10.1   | 30.3  |       |

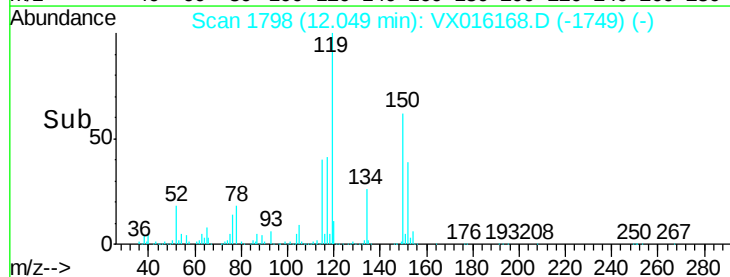
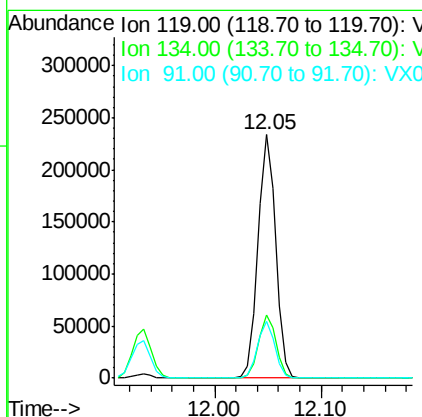
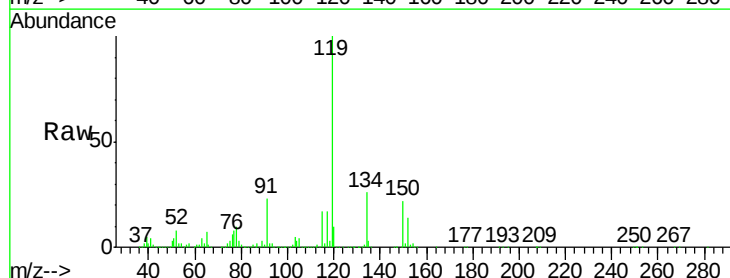
Manual Integrations  
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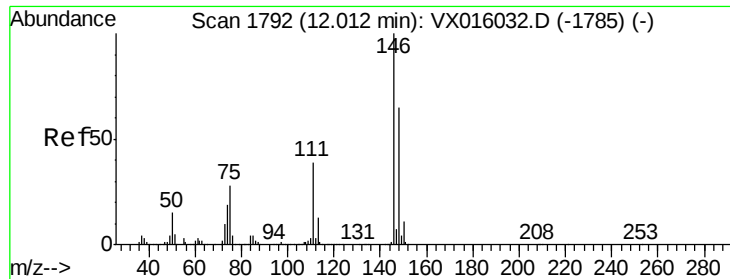
MMDadoda  
 5/14/2020 12:15:54 PM



#86  
 p-Isopropyltoluene  
 Concen: 18.847 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 273559 |       |       |
| 134     | 25.7  | 13.1   | 39.3  |       |
| 91      | 23.0  | 11.8   | 35.4  |       |





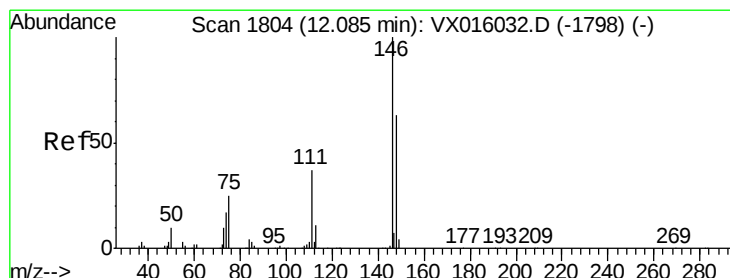
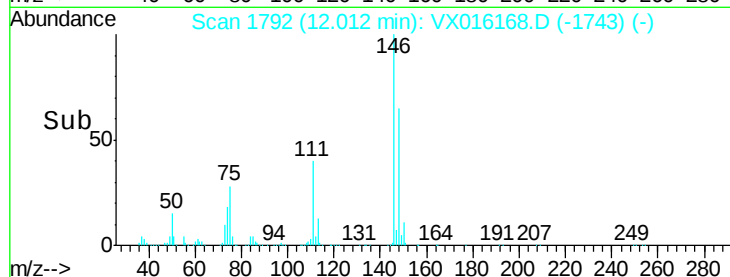
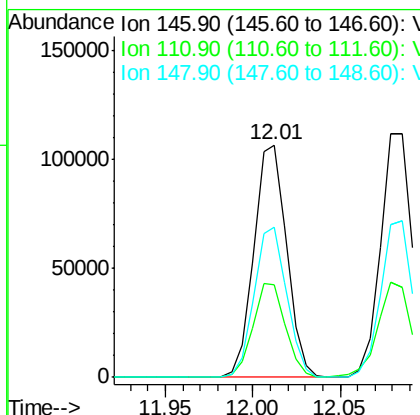
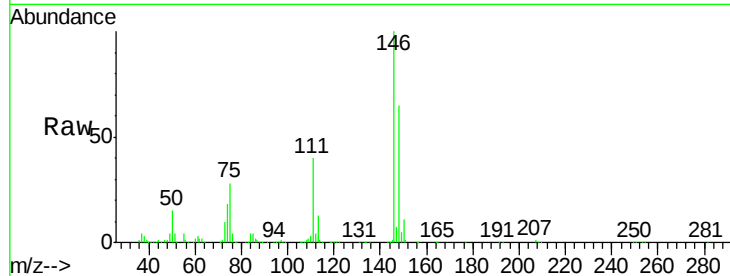
#87  
 1,3-Dichlorobenzene  
 Concen: 18.806 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 138698 |       |       |
| 111     | 40.2  | 20.2   | 60.6  |       |
| 148     | 64.2  | 32.1   | 96.3  |       |

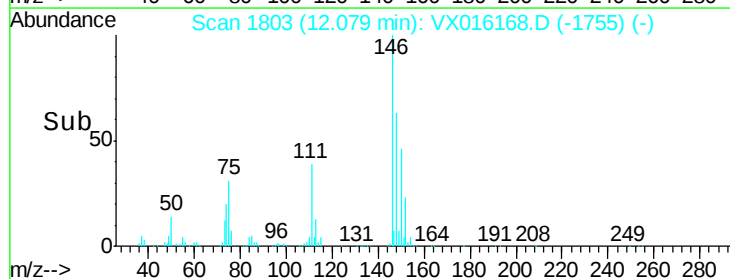
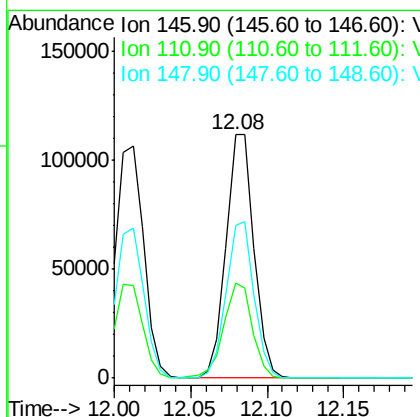
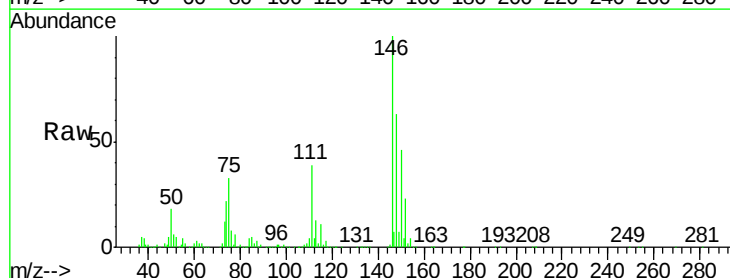
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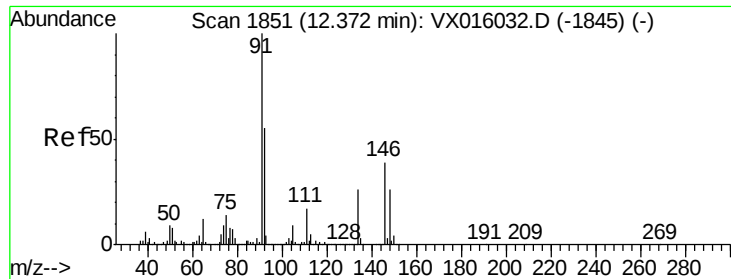
MMDadoda  
 5/14/2020 12:15:54 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.928 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 141682 |       |       |
| 111     | 40.2  | 19.6   | 58.7  |       |
| 148     | 64.1  | 31.8   | 95.3  |       |





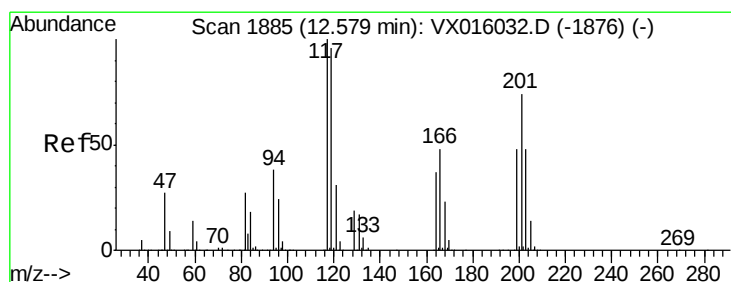
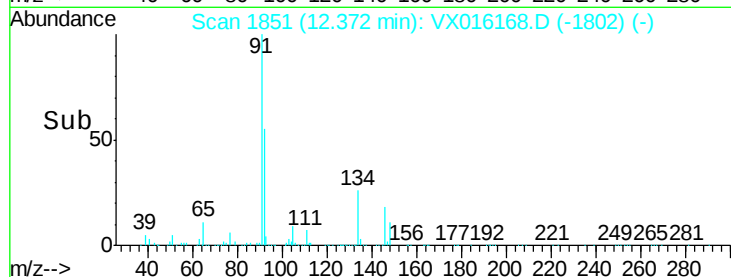
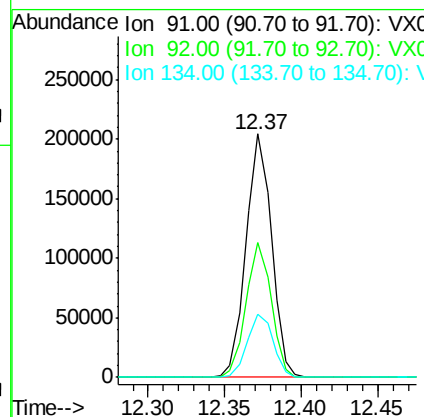
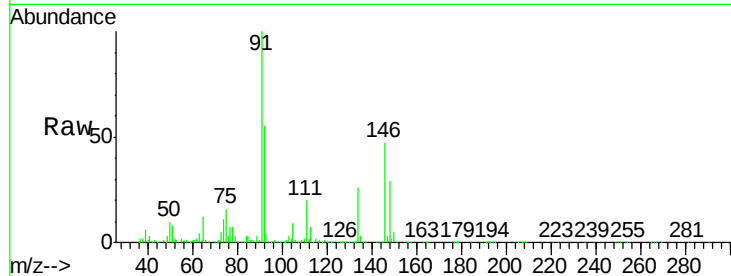
#89  
n-Butylbenzene  
Concen: 17.791 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.7  | 27.6  | 82.7  |
| 134     | 26.6  | 13.4  | 40.1  |

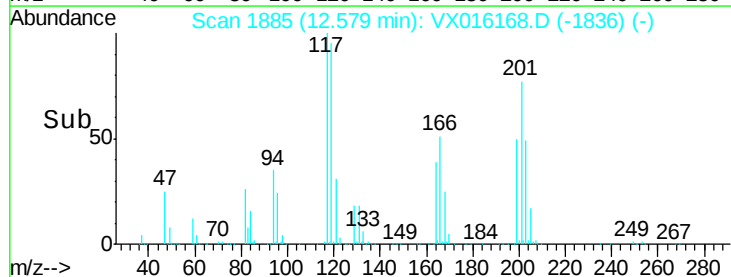
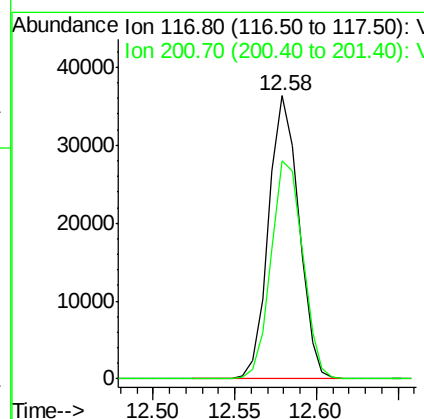
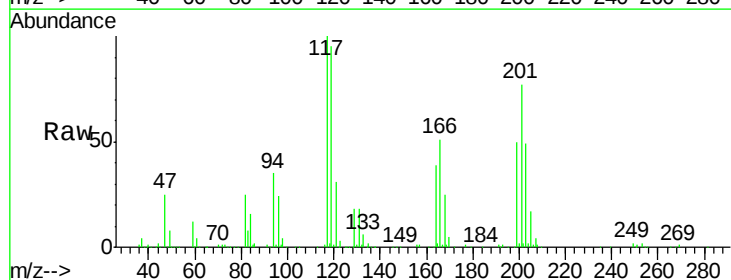
Manual Integrations  
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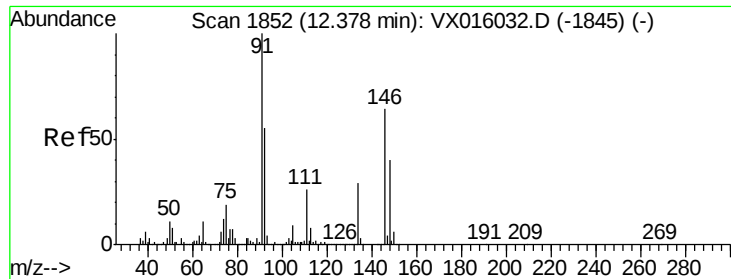
MMDadoda  
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#90  
Hexachloroethane  
Concen: 18.719 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 80.5  | 39.8  | 119.3 |





#91

1,2-Dichlorobenzene

Concen: 19.141 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

Instrument :

MSVOA\_X

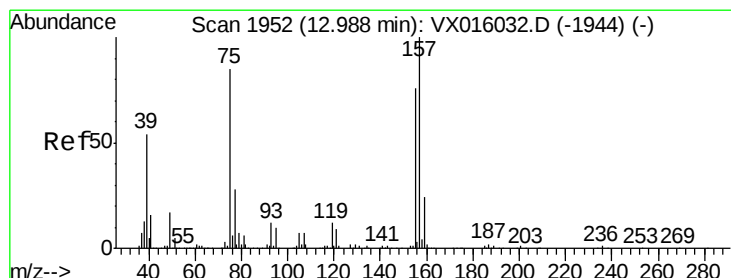
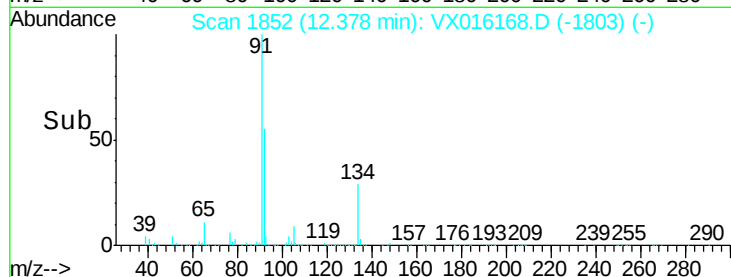
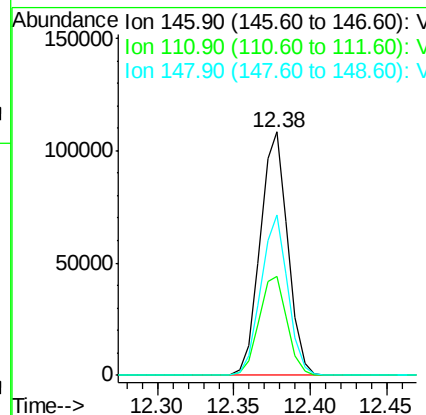
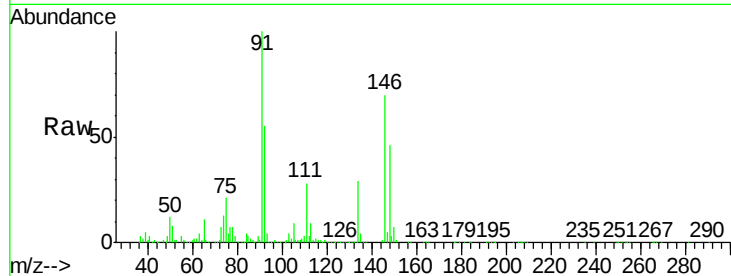
ClientSampleId :

VX0513WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 135930 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.3  | 21.1  | 63.1   |
| 148       | 64.2  | 32.4  | 97.0   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.482 ug/l

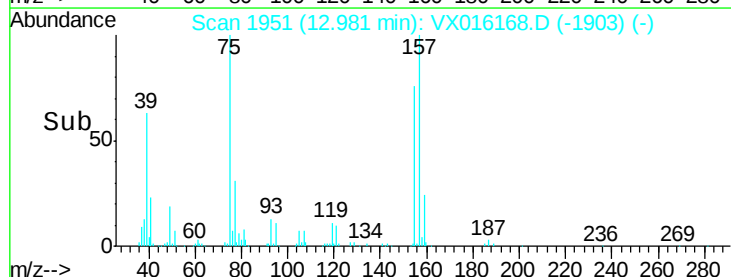
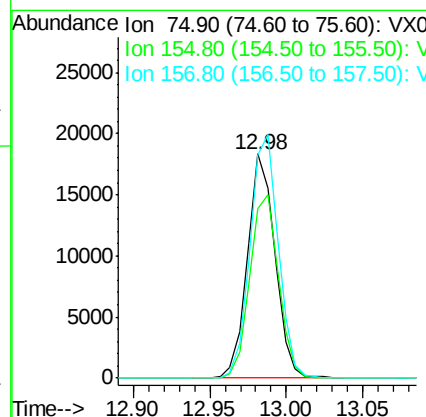
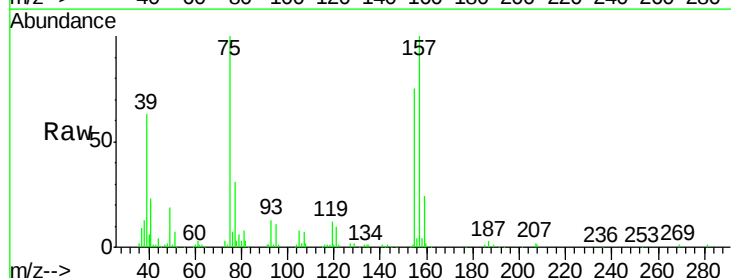
RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016168.D

Acq: 13 May 2020 10:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 22875 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 85.1  | 42.5  | 127.5 |
| 157       | 111.0 | 55.3  | 165.8 |





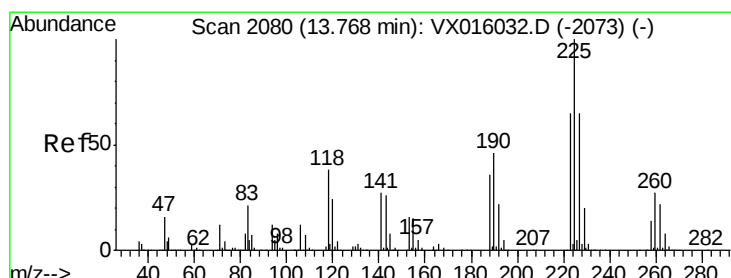
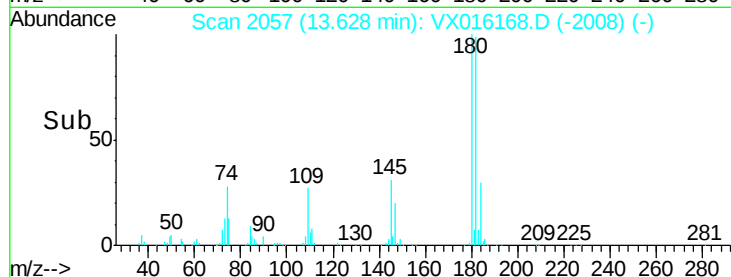
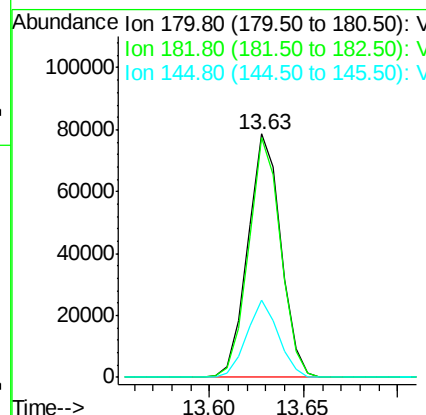
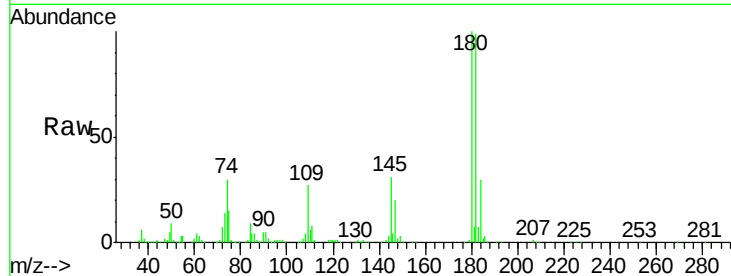
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.127 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0513WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 95307 |       |       |
| 182     | 95.9  | 48.7  | 146.1 |       |
| 145     | 30.3  | 15.7  | 47.1  |       |

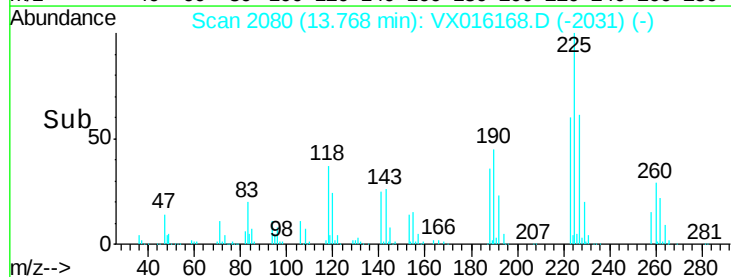
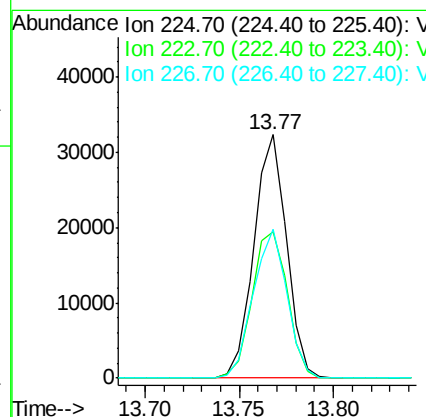
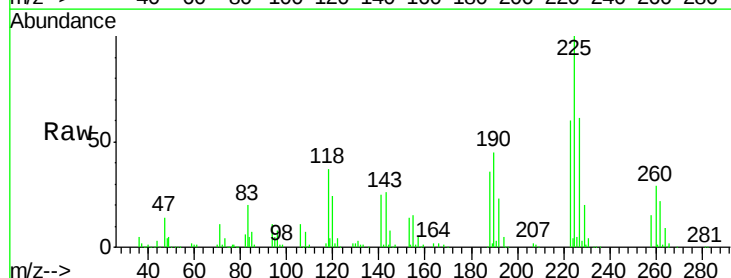
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#94  
 Hexachlorobutadiene  
 Concen: 17.503 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX016168.D  
 Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 38848 |       |       |
| 223     | 65.1  | 32.3  | 96.9  |       |
| 227     | 63.0  | 31.8  | 95.4  |       |





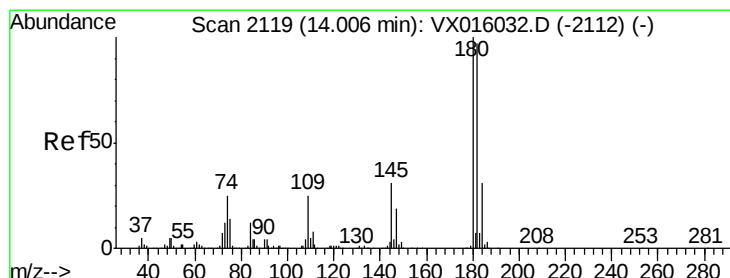
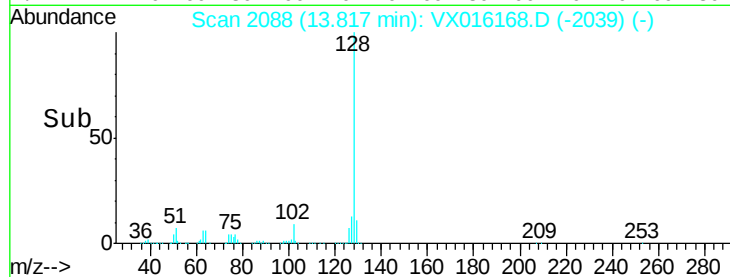
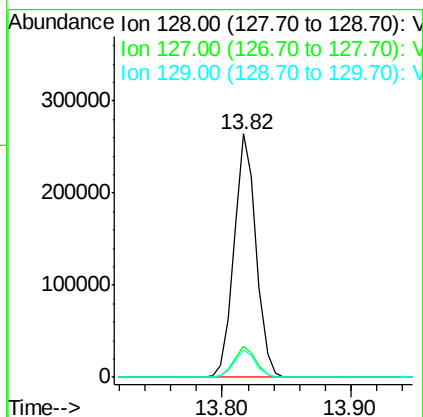
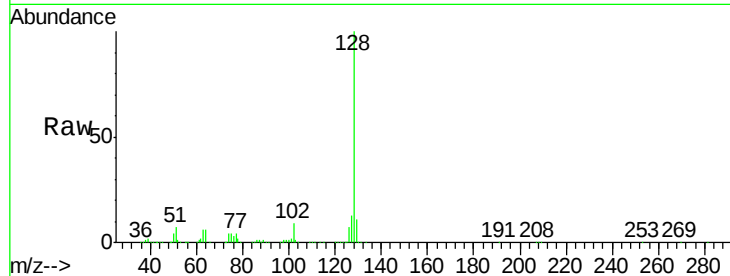
#95  
Naphthalene  
Concen: 18.427 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0513WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.2  | 15.4  |
| 129     | 11.0  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 18.487 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: VX016168.D  
Acq: 13 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 48.4  | 145.0 |
| 145     | 31.3  | 16.4  | 49.1  |

