

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\  
 Data File : VX018595.D  
 Acq On : 25 Sep 2020 15:12  
 Operator : JC/SP  
 Sample : VX0925WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/28/2020 12:50:07 PM

Quant Time: Sep 28 02:17:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 04 12:13:41 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 4.98  | 128  | 85785    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.83  | 114  | 440402   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.10 | 117  | 416302   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.04   | 65    | 205150   | 30.31    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 101.03% |
| 60) 4-Bromofluorobenzene  | 11.12  | 95    | 213340   | 29.57    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 98.57%  |
| 63) Toluene-d8            | 8.70   | 98    | 542064   | 29.54    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 98.47%  |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 92206  | 20.313  | ug/l 91    |
| 3) Chloromethane              | 1.31 | 50  | 92720  | 19.230  | ug/l 95    |
| 4) Vinyl Chloride             | 1.39 | 62  | 105561 | 20.791  | ug/l 98    |
| 5) Bromomethane               | 1.64 | 94  | 55860  | 16.171  | ug/l 100   |
| 6) Chloroethane               | 1.72 | 64  | 71566  | 23.191  | ug/l 100   |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 182245 | 21.181  | ug/l 96    |
| 8) Diethyl Ether              | 2.17 | 74  | 60074  | 22.146  | ug/l 96    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 95337  | 21.686  | ug/l 99    |
| 10) 1,1-Dichloroethene        | 2.36 | 96  | 92669  | 21.474  | ug/l 97    |
| 11) Methyl Iodide             | 2.50 | 142 | 96963  | 22.392  | ug/l 94    |
| 12) Methyl Acetate            | 2.75 | 43  | 129986 | 22.883  | ug/l 94    |
| 13) Acrolein                  | 2.28 | 56  | 22682  | 49.476  | ug/l 98    |
| 14) Acrylonitrile             | 3.12 | 53  | 267629 | 103.977 | ug/l 100   |
| 15) Acetone                   | 2.43 | 58  | 77945  | 111.379 | ug/l 90    |
| 16) Carbon Disulfide          | 2.56 | 76  | 267920 | 21.322  | ug/l 99    |
| 17) Allyl chloride            | 2.71 | 41  | 167937 | 21.773  | ug/l 95    |
| 18) Methylene Chloride        | 2.84 | 84  | 109785 | 21.676  | ug/l 92    |
| 19) trans-1,2-Dichloroethene  | 3.15 | 96  | 100859 | 21.051  | ug/l 96    |
| 20) Diisopropyl ether         | 3.82 | 45  | 338253 | 22.152  | ug/l 92    |
| 21) 1,1-Dichloroethane        | 3.67 | 63  | 189321 | 21.601  | ug/l 99    |
| 22) cis-1,2-Dichloroethene    | 4.57 | 96  | 118159 | 22.289  | ug/l 97    |
| 23) tert-Butyl Alcohol        | 3.04 | 59  | 102782 | 92.148  | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 3.17 | 73  | 338449 | 22.061  | ug/l 99    |
| 25) Chloroform                | 5.18 | 83  | 206771 | 22.105  | ug/l 98    |
| 26) Cyclohexane               | 5.55 | 56  | 145652 | 20.589  | ug/l # 47  |
| 29) 1,1-Dichloropropene       | 5.78 | 75  | 144302 | 21.465  | ug/l 99    |
| 30) 2-Butanone                | 4.64 | 43  | 383015 | 104.054 | ug/l 98    |
| 31) 2,2-Dichloropropane       | 4.55 | 77  | 183167 | 22.557  | ug/l 98    |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 190930 | 21.698  | ug/l 99    |
| 33) Carbon Tetrachloride      | 5.76 | 117 | 177335 | 21.628  | ug/l 95    |
| 34) Benzene                   | 6.12 | 78  | 405969 | 21.155  | ug/l # 93  |
| 35) Methacrylonitrile         | 5.00 | 41  | 77295  | 19.926  | ug/l 90    |
| 36) 1,2-Dichloroethane        | 6.16 | 62  | 171024 | 21.535  | ug/l # 100 |
| 37) Trichloroethene           | 7.19 | 130 | 117871 | 21.242  | ug/l 98    |
| 38) Methylcyclohexane         | 7.45 | 83  | 151192 | 21.114  | ug/l 98    |
| 39) 1,2-Dichloropropane       | 7.49 | 63  | 108479 | 21.106  | ug/l 100   |
| 40) Dibromomethane            | 7.64 | 93  | 78743  | 21.216  | ug/l 98    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\  
 Data File : VX018595.D  
 Acq On : 25 Sep 2020 15:12  
 Operator : JC/SP  
 Sample : VX0925WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

Manual Integrations  
 APPROVED

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 9/28/2020 12:50:07 PM

Quant Time: Sep 28 02:17:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 04 12:13:41 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 7.88  | 83   | 166314   | 21.621  | ug/l # | 99       |
| 42) Vinyl Acetate              | 3.79  | 43   | 1486472  | 108.240 | ug/l   | 100      |
| 43) Ethyl Acetate              | 4.80  | 43   | 153654   | 20.993  | ug/l   | 100      |
| 44) Isopropyl Acetate          | 6.41  | 43   | 250898   | 21.270  | ug/l   | 98       |
| 45) 1,4-Dioxane                | 7.74  | 88   | 26981m   | 273.796 | ug/l   |          |
| 46) Methyl methacrylate        | 7.75  | 41   | 121383   | 20.909  | ug/l   | 99       |
| 47) n-amyl Acetate             | 10.88 | 43   | 216660   | 20.903  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene      | 9.02  | 75   | 178868   | 21.646  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene    | 8.42  | 75   | 185654   | 21.388  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane      | 9.20  | 97   | 111294   | 21.519  | ug/l   | 97       |
| 51) Ethyl methacrylate         | 9.16  | 69   | 164577   | 21.967  | ug/l   | 98       |
| 52) 1,3-Dichloropropane        | 9.35  | 76   | 185069   | 21.559  | ug/l   | 97       |
| 53) Dibromochloromethane       | 9.57  | 129  | 134638   | 20.937  | ug/l   | 99       |
| 54) 1,2-Dibromoethane          | 9.65  | 107  | 119585   | 21.077  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether  | 8.29  | 63   | 426562   | 109.031 | ug/l   | 99       |
| 56) Bromoform                  | 10.84 | 173  | 99801    | 20.426  | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone       | 8.62  | 43   | 776805   | 108.488 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 585772   | 108.006 | ug/l   | 98       |
| 61) Tetrachloroethene          | 9.32  | 164  | 103644   | 19.962  | ug/l   | 90       |
| 62) Toluene                    | 8.77  | 91   | 453755   | 21.658  | ug/l   | 100      |
| 64) Chlorobenzene              | 10.12 | 112  | 291826   | 21.675  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 122304   | 22.430  | ug/l   | 96       |
| 66) Ethyl Benzene              | 10.24 | 91   | 496692   | 21.455  | ug/l   | 98       |
| 67) m/p-Xylenes                | 10.34 | 106  | 385568   | 43.552  | ug/l   | 98       |
| 68) o-Xylene                   | 10.68 | 106  | 178519   | 21.341  | ug/l   | 99       |
| 69) Styrene                    | 10.70 | 104  | 312110   | 21.385  | ug/l   | 99       |
| 70) Isopropylbenzene           | 11.00 | 105  | 491272   | 21.118  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 168219   | 22.128  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane     | 11.28 | 75   | 153499m  | 21.016  | ug/l   |          |
| 73) Bromobenzene               | 11.24 | 156  | 130357   | 20.454  | ug/l   | 96       |
| 74) n-propylbenzene            | 11.34 | 91   | 569528   | 20.792  | ug/l   | 99       |
| 75) 2-Chlorotoluene            | 11.40 | 91   | 346086   | 20.846  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 415669   | 20.510  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene    | 11.06 | 75   | 51601    | 18.180  | ug/l   | 92       |
| 78) 4-Chlorotoluene            | 11.49 | 91   | 411620   | 20.784  | ug/l   | 100      |
| 79) tert-butylbenzene          | 11.76 | 119  | 415411   | 21.279  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 428443   | 21.375  | ug/l   | 100      |
| 81) sec-Butylbenzene           | 11.93 | 105  | 472785   | 20.733  | ug/l   | 99       |
| 82) p-Isopropyltoluene         | 12.05 | 119  | 439932   | 20.692  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 12.01 | 146  | 235829   | 20.696  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 12.08 | 146  | 245509   | 21.548  | ug/l   | 99       |
| 85) n-Butylbenzene             | 12.37 | 91   | 382389   | 20.428  | ug/l   | 98       |
| 86) Hexachloroethane           | 12.58 | 117  | 80620    | 19.259  | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene        | 12.38 | 146  | 236125   | 22.129  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 40268    | 20.706  | ug/l   | 93       |
| 89) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 155374   | 21.523  | ug/l   | 98       |
| 90) Hexachlorobutadiene        | 13.77 | 225  | 70171    | 22.980  | ug/l   | 95       |
| 91) Naphthalene                | 13.82 | 128  | 477356   | 21.188  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 146495   | 20.513  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\  
Data File : VX018595.D  
Acq On : 25 Sep 2020 15:12  
Operator : JC/SP  
Sample : VX0925WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

Manual Integrations  
APPROVED

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9/28/2020 12:50:07 PM

Quant Time: Sep 28 02:17:16 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Sep 04 12:13:41 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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

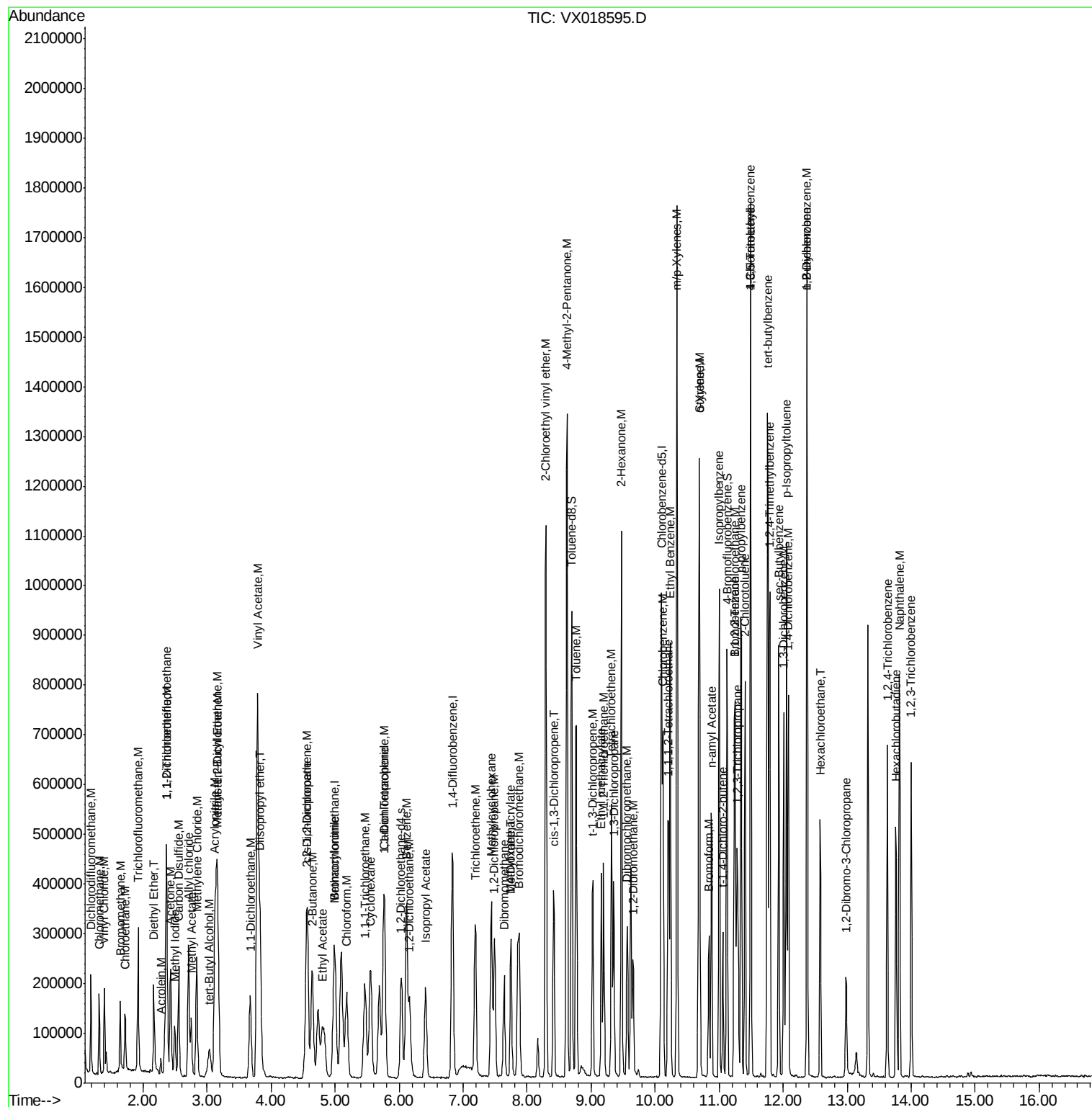
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 Data File : VX018595.D  
 Acq On : 25 Sep 2020 15:12  
 Operator : JC/SP  
 Sample : VX0925WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

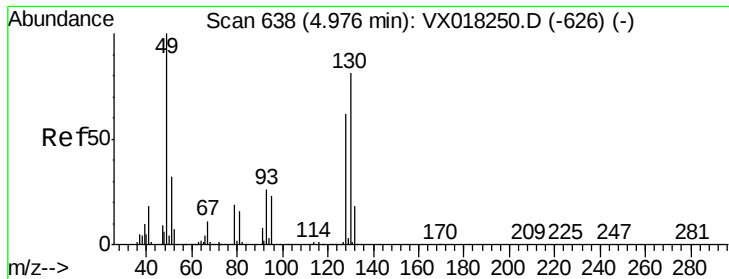
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/28/2020 12:50:07 PM

Quant Time: Sep 28 02:17:16 2020  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 04 12:13:41 2020  
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

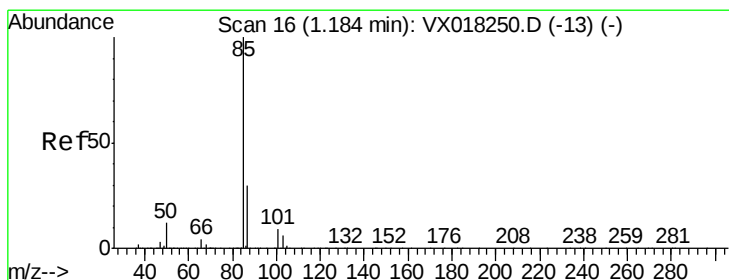
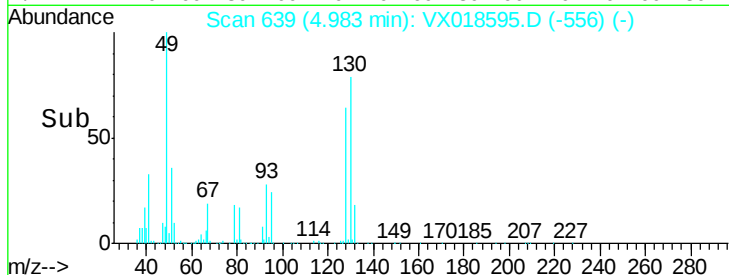
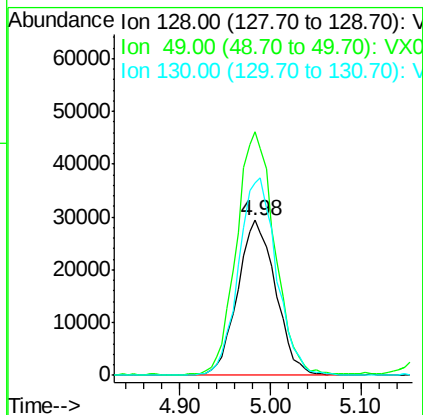
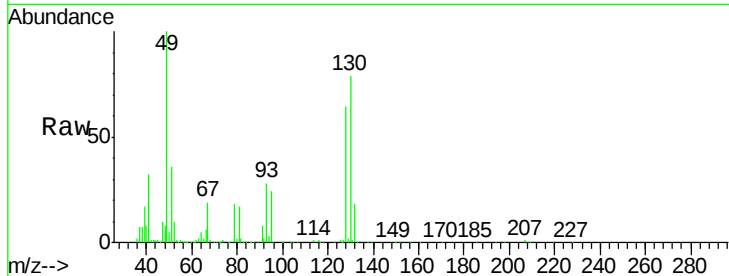
ClientSampleId :

VX0925WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 85785 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 156.1 | 0.0   | 392.0 |
| 130      | 127.6 | 0.0   | 320.2 |

Manual Integrations  
APPROVED

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#2

Dichlorodifluoromethane

Concen: 20.313 ug/l

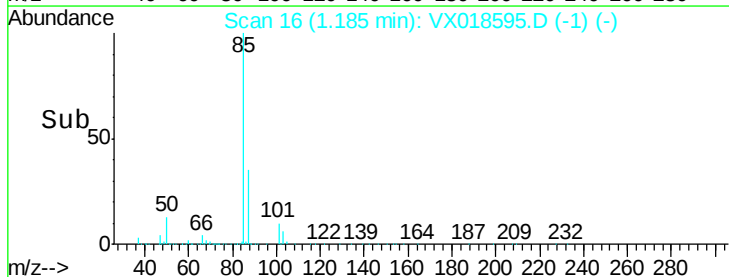
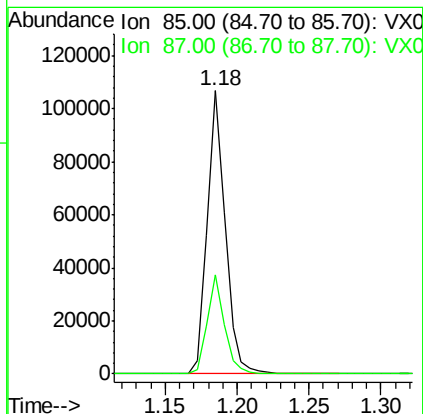
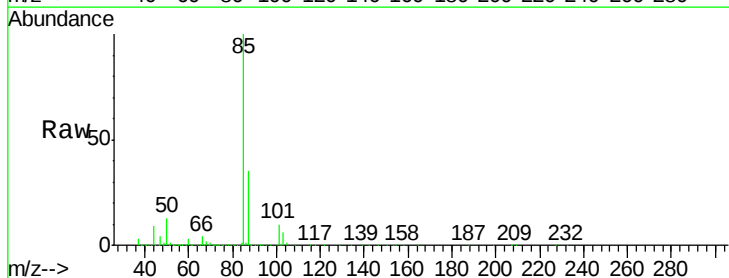
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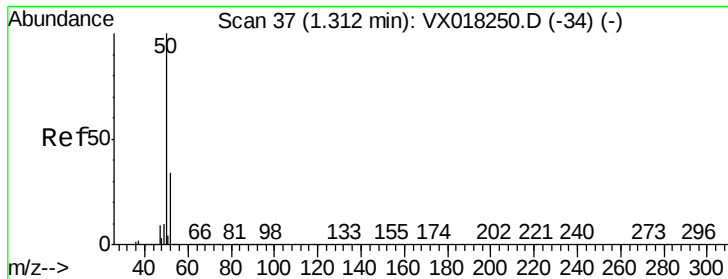
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 92206 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 34.9  | 15.1  | 45.3  |





#3

Chloromethane

Concen: 19.230 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 50 Resp: 92720

Ion Ratio Lower Upper

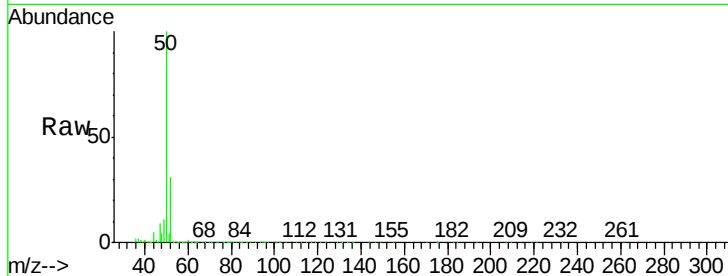
50 100

52 31.1 27.1 40.7

Manual Integrations  
APPROVED

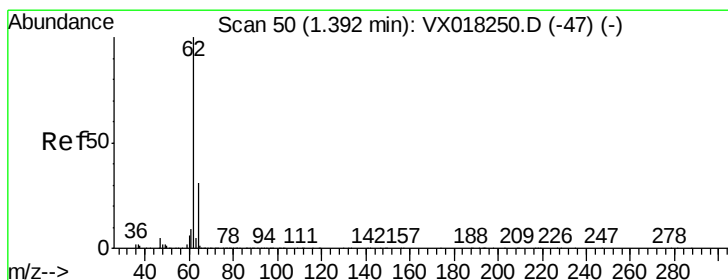
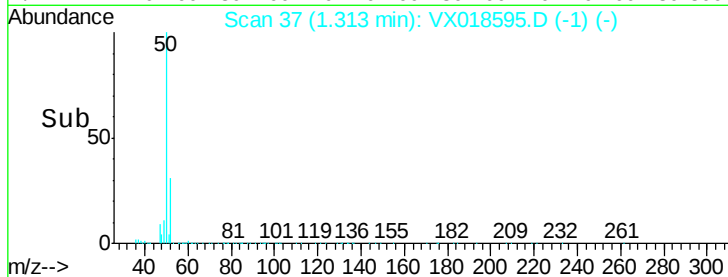
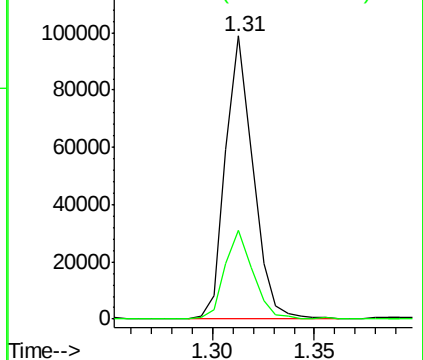
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 20.791 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018595.D

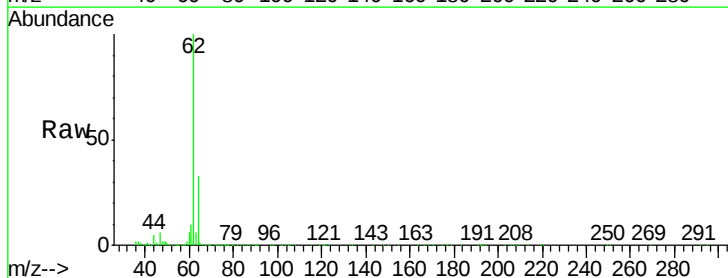
Acq: 25 Sep 2020 15:12

Tgt Ion: 62 Resp: 105561

Ion Ratio Lower Upper

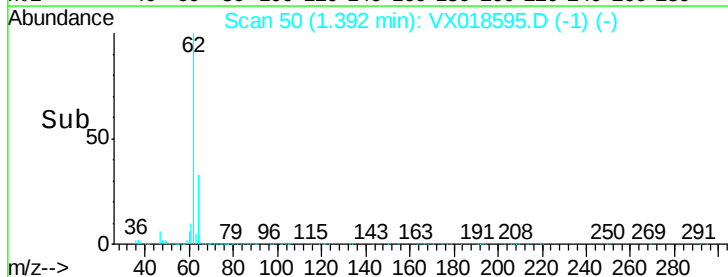
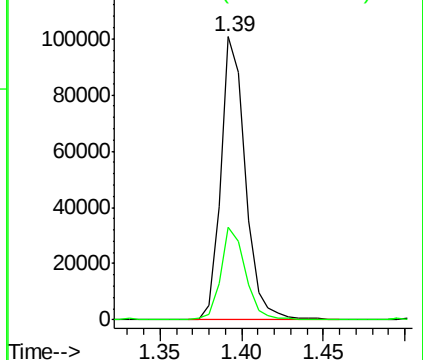
62 100

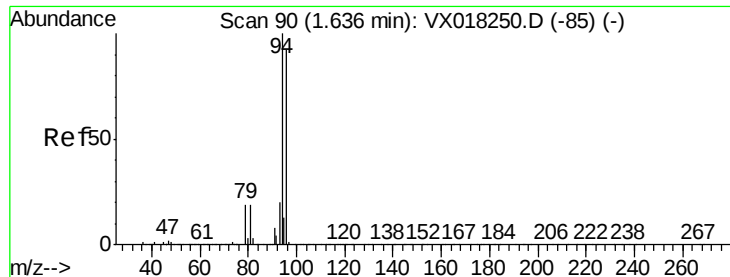
64 32.8 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.171 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 94 Resp: 55860

Ion Ratio Lower Upper

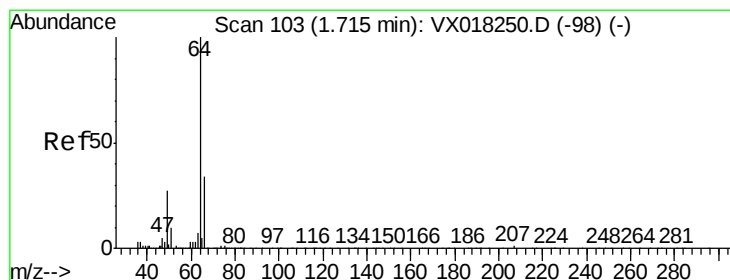
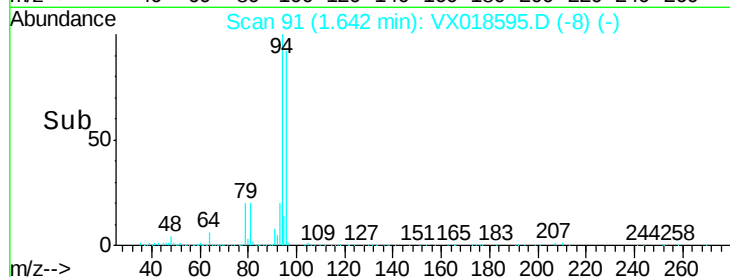
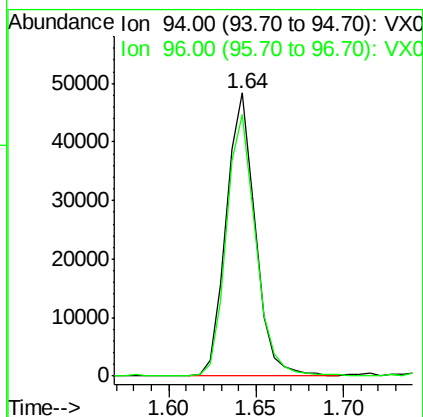
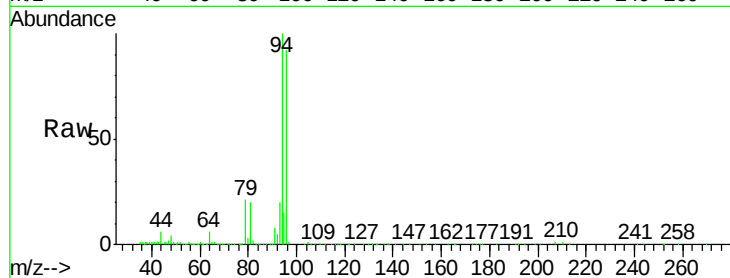
94 100

96 92.4 73.9 110.9

Manual Integrations  
APPROVED

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9/28/2020 12:50:07 PM



#6

Chloroethane

Concen: 23.191 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018595.D

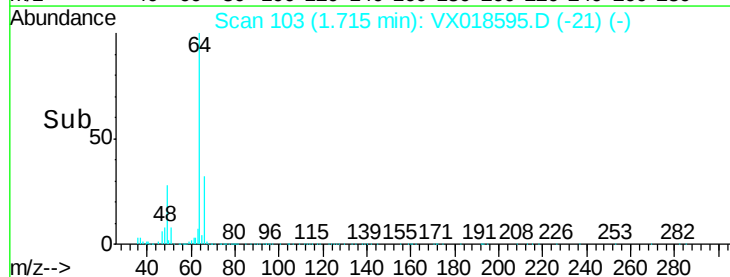
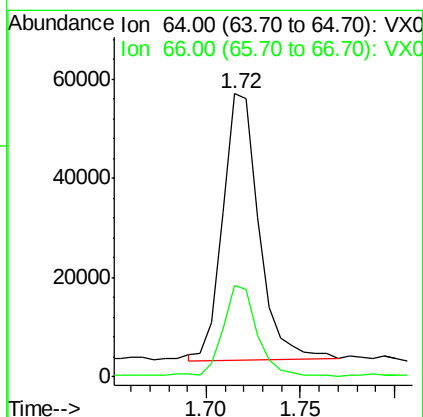
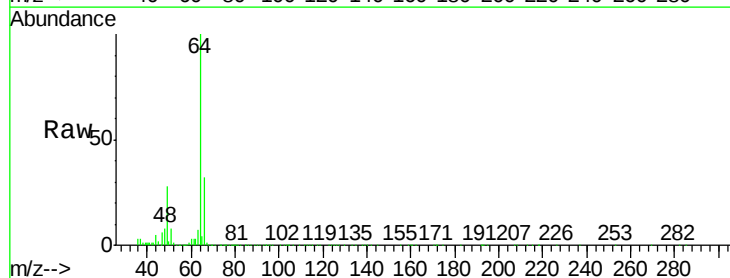
Acq: 25 Sep 2020 15:12

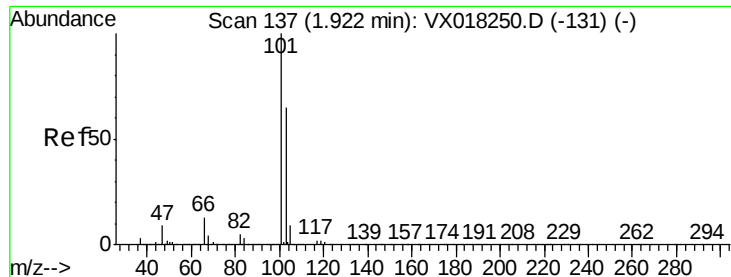
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Ion Ratio Lower Upper

64 100

66 34.0 27.0 40.4





#7

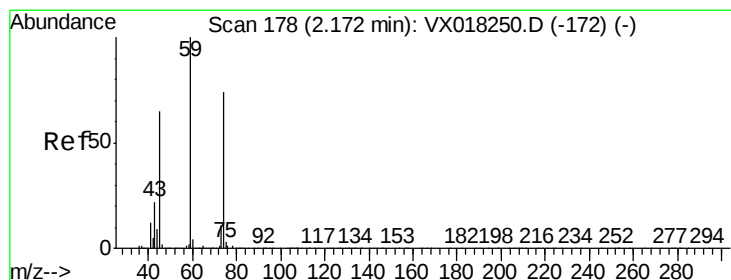
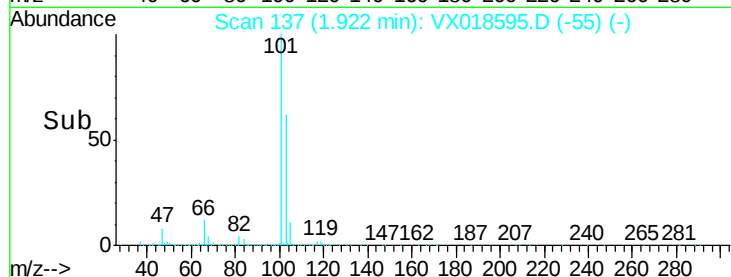
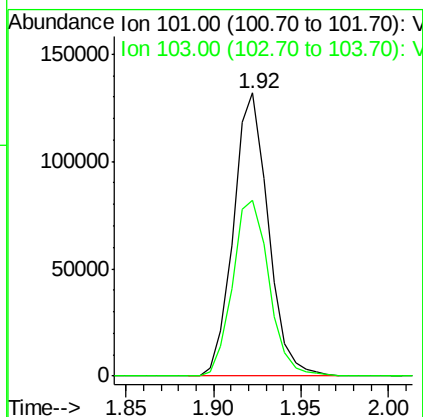
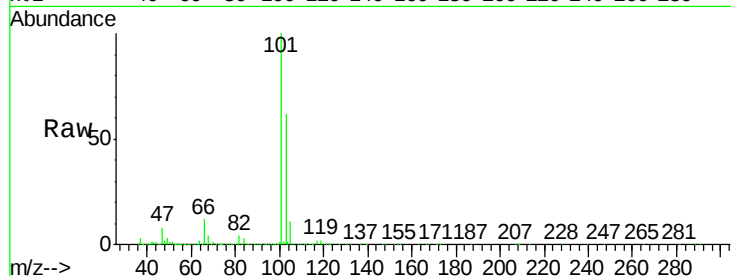
Trichlorofluoromethane  
Concen: 21.181 ug/l  
RT: 1.92 min Scan# 137  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.1  | 52.3  | 78.5  |

Manual Integrations  
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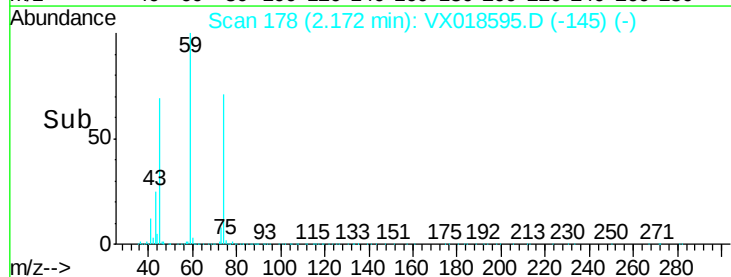
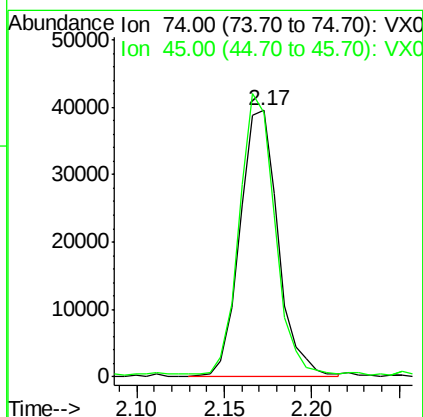
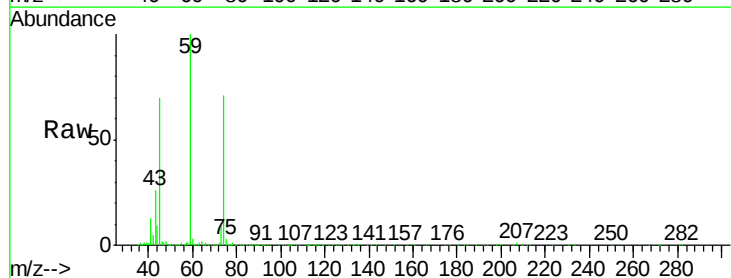
MMDadoda  
9/28/2020 12:50:07 PM

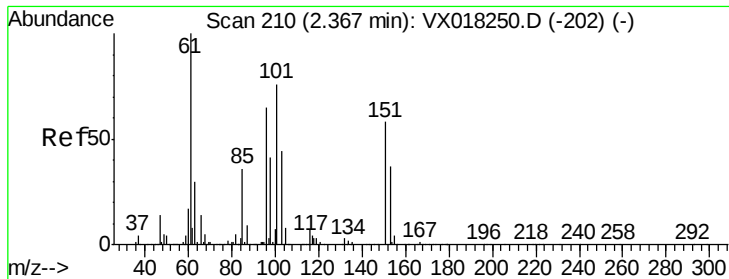


#8

Diethyl Ether  
Concen: 22.146 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.1  | 20.5  | 184.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.686 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

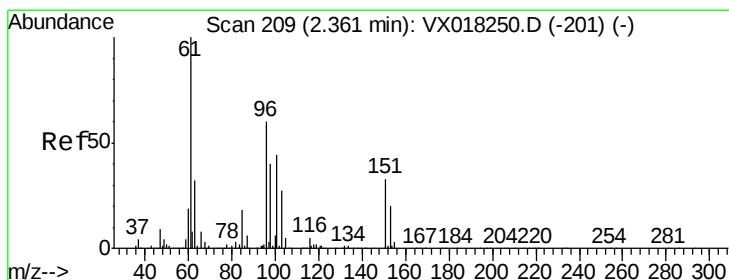
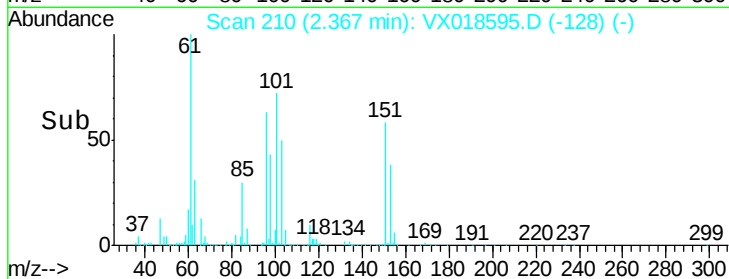
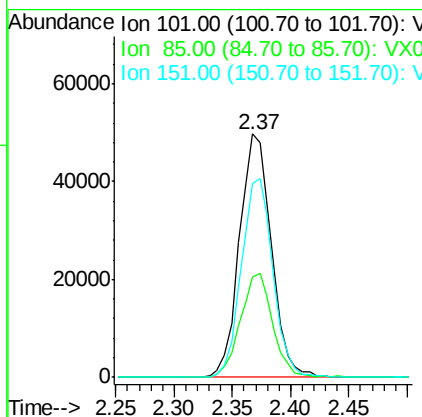
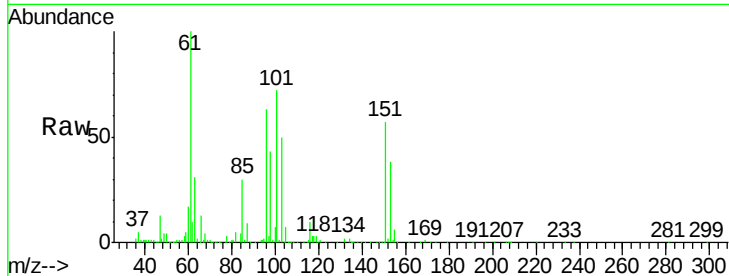
ClientSampleId :

VX0925WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 95337 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.9  | 0.0   | 87.8  |
| 151       | 80.7  | 0.0   | 161.4 |

Manual Integrations  
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#10

1,1-Dichloroethene

Concen: 21.474 ug/l

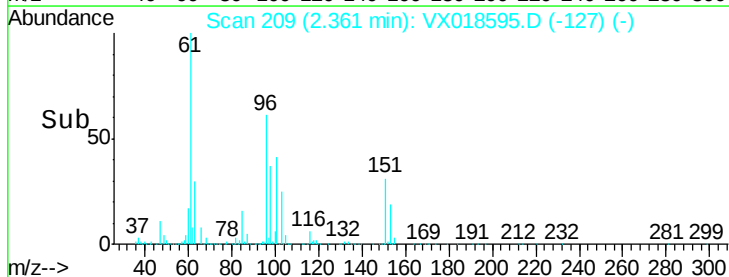
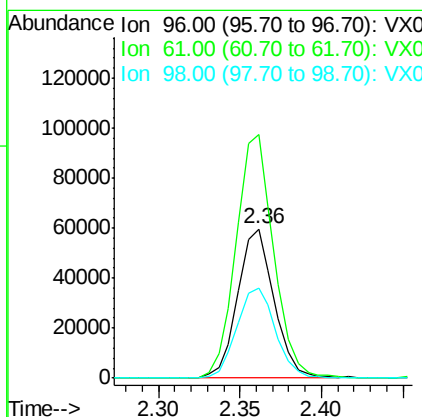
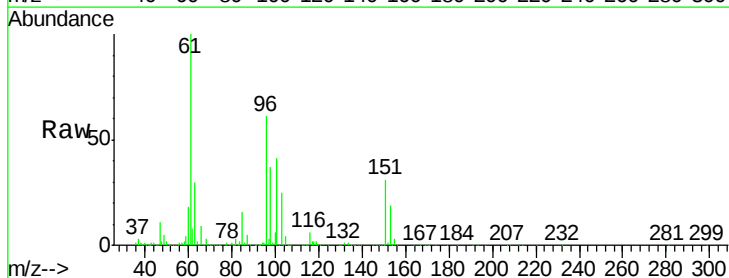
RT: 2.36 min Scan# 209

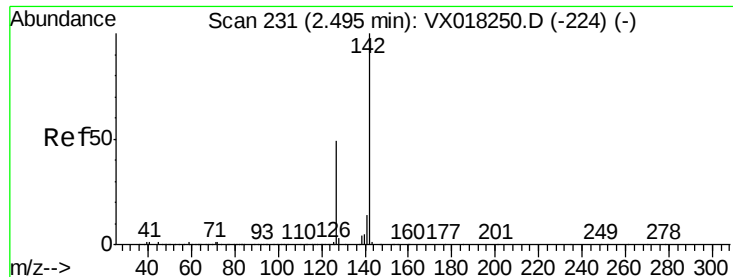
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 92669 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 163.4 | 132.5 | 198.7 |
| 98        | 60.8  | 52.4  | 78.6  |





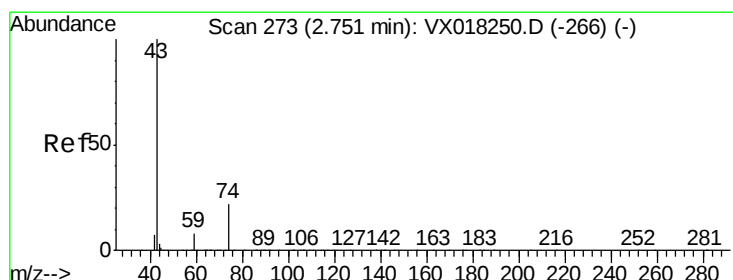
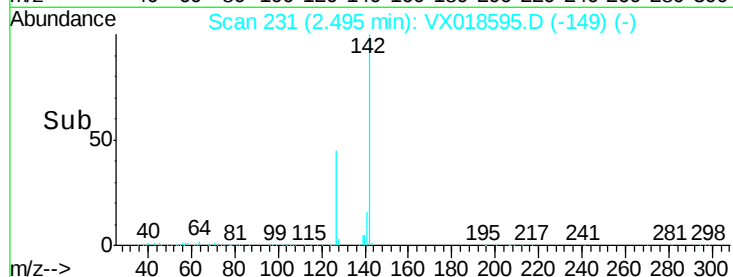
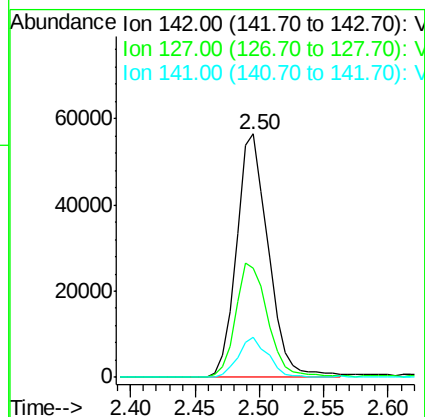
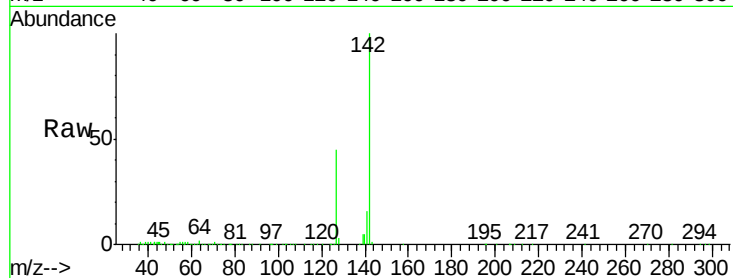
#11  
Methvl Iodide  
Concen: 22.392 ug/l  
RT: 2.50 min Scan# 231  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 44.8  | 24.6  | 74.0  |
| 141     | 16.1  | 7.0   | 21.0  |

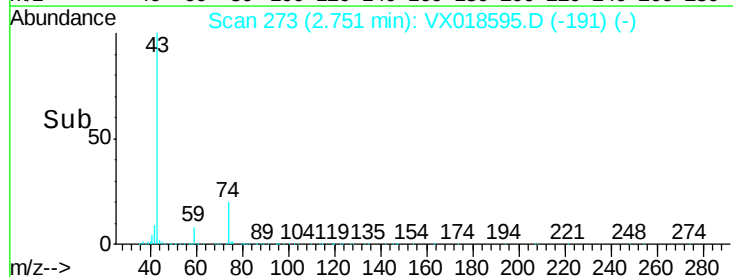
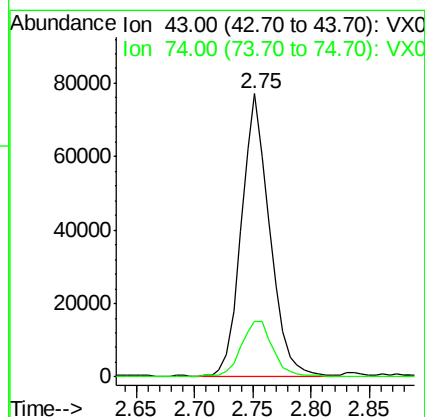
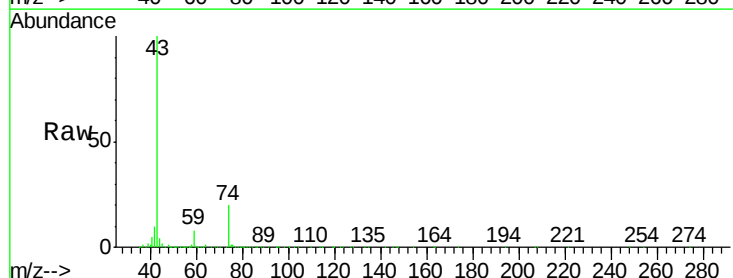
Manual Integrations  
APPROVED

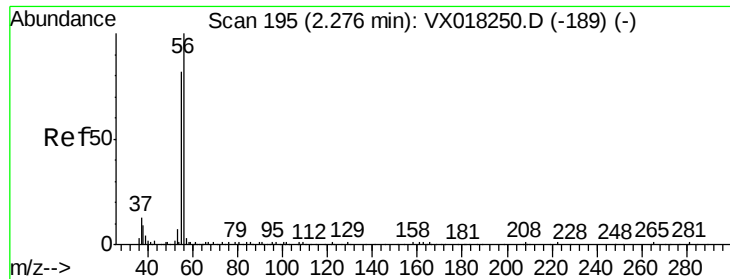
MMDadoda  
9/28/2020 12:50:07 PM



#12  
Methyl Acetate  
Concen: 22.883 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 19.6  | 18.0  | 27.0  |





#13

Acrolein

Concen: 49.476 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 56 Resp: 22682

Ion Ratio Lower Upper

56 100

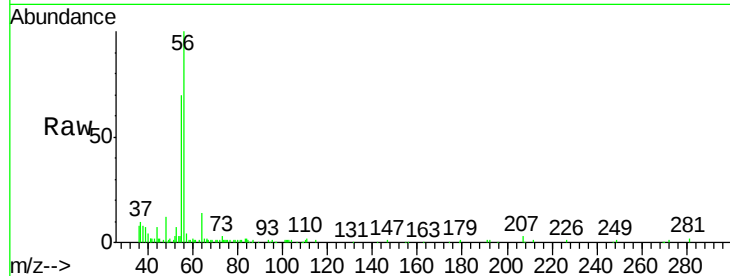
55 72.6 59.7 89.5

Manual Integrations

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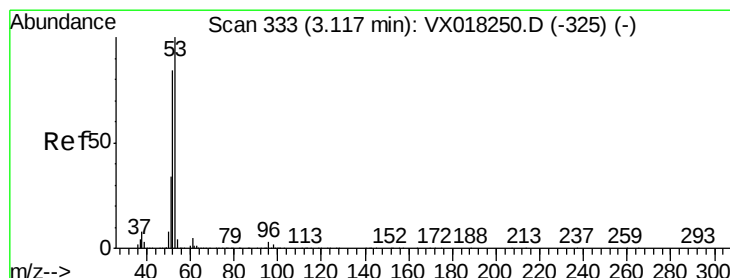
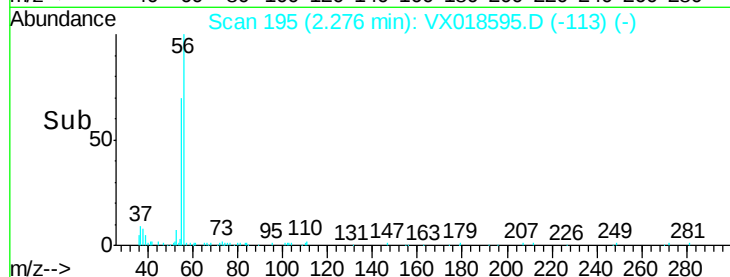
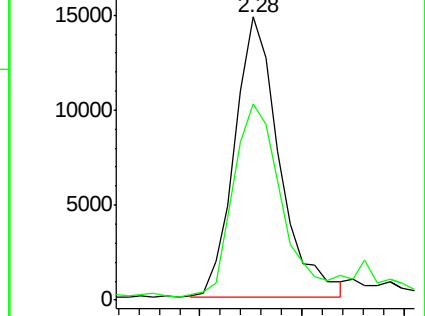
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 103.977 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

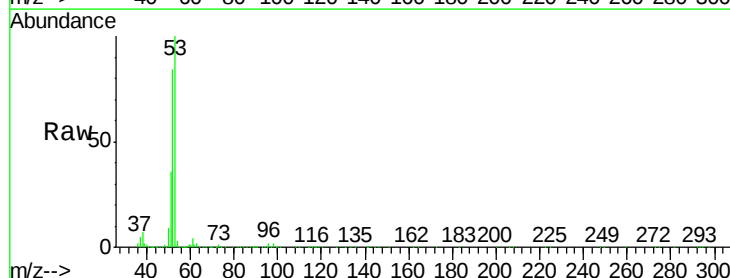
Tgt Ion: 53 Resp: 267629

Ion Ratio Lower Upper

53 100

52 83.9 41.9 125.7

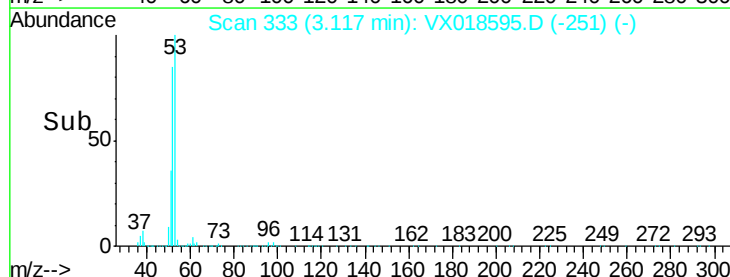
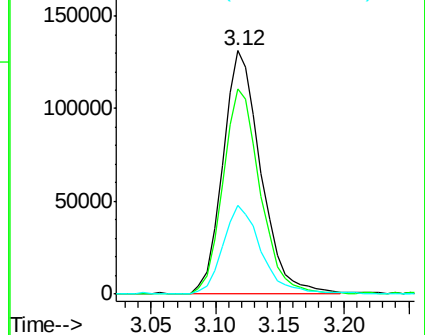
51 36.9 18.3 54.8

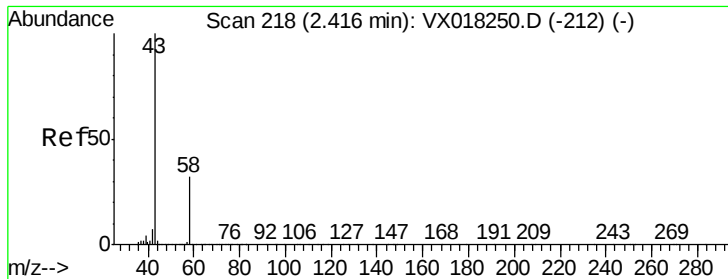


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 111.379 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 58 Resp: 77945

Ion Ratio Lower Upper

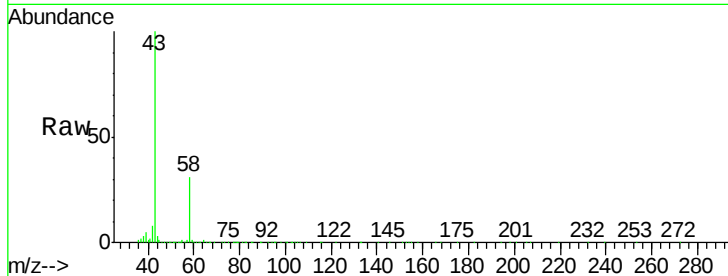
58 100

43 329.5 248.2 372.2

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

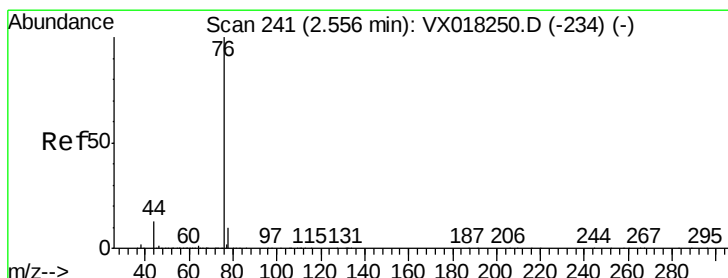
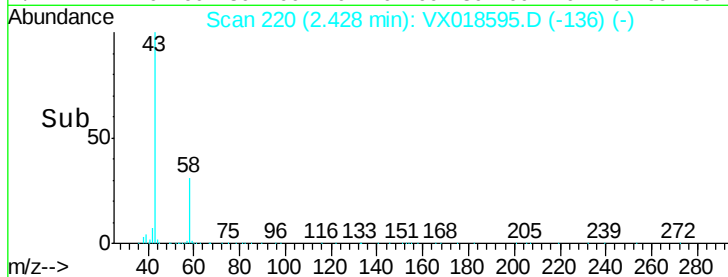
100000

50000

2.43

2.35 2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 21.322 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX018595.D

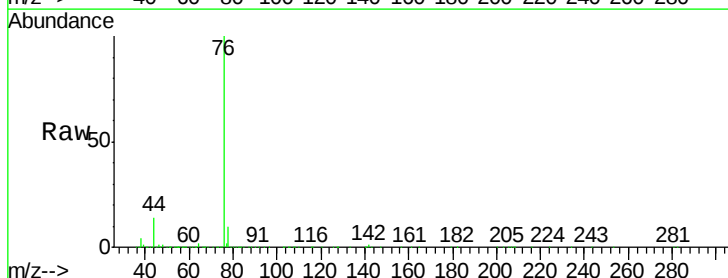
Acq: 25 Sep 2020 15:12

Tgt Ion: 76 Resp: 267920

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

150000

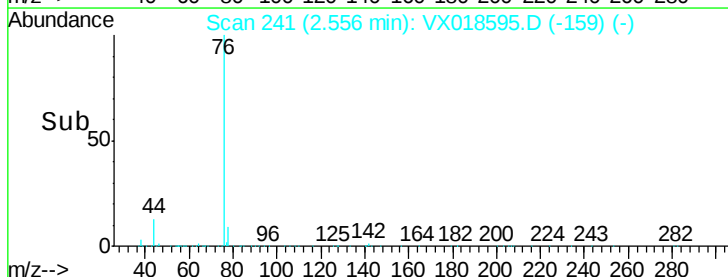
100000

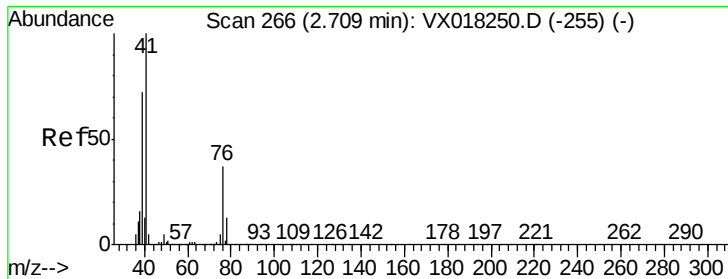
50000

2.56

2.45 2.50 2.55 2.60 2.65

Time-->





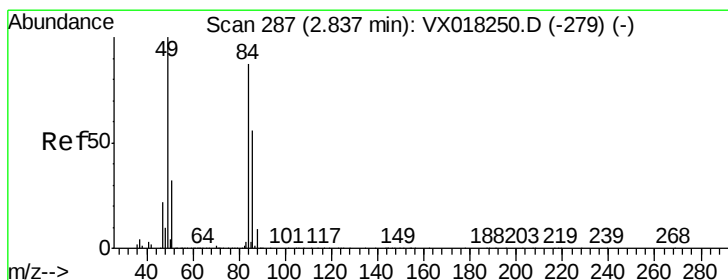
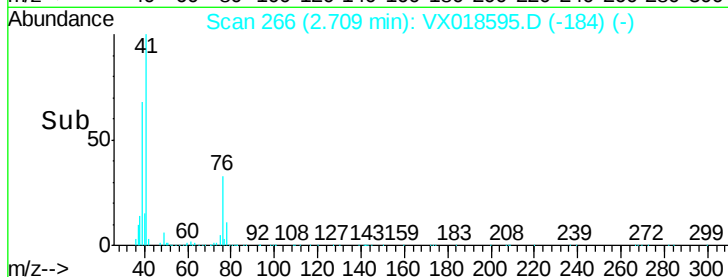
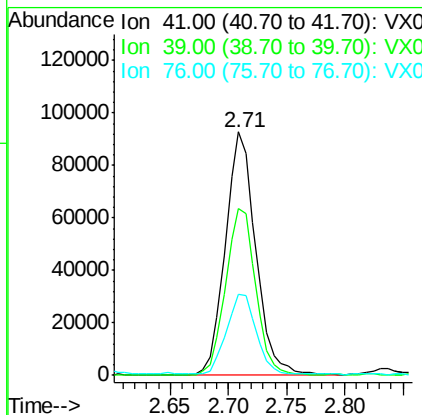
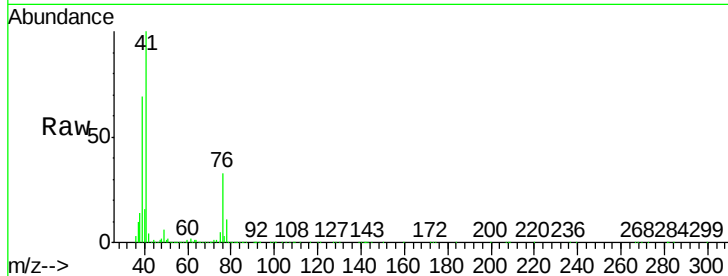
#17  
Allvl chloride  
Concen: 21.773 ug/l  
RT: 2.71 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 167937 |       |       |
| 39      | 68.5  | 36.0   | 108.1 |       |
| 76      | 32.5  | 18.6   | 55.6  |       |

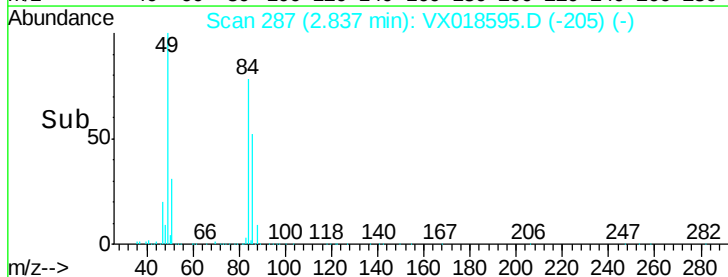
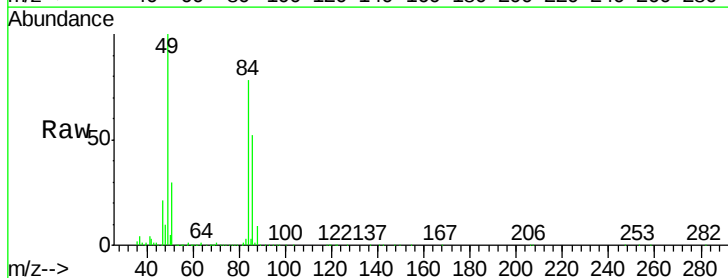
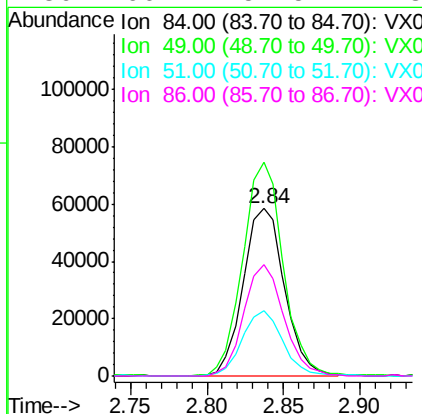
Manual Integrations  
APPROVED

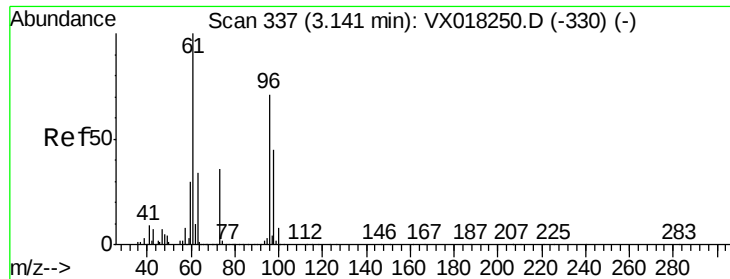
MMDadoda  
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#18  
Methylene Chloride  
Concen: 21.676 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 84      | 100   | 109785 |       |       |
| 49      | 127.3 | 91.6   | 137.4 |       |
| 51      | 38.4  | 29.4   | 44.0  |       |
| 86      | 66.4  | 51.5   | 77.3  |       |





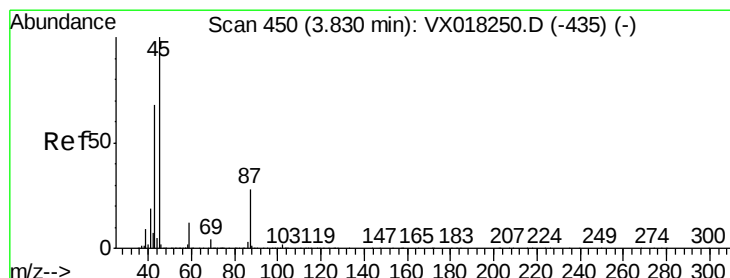
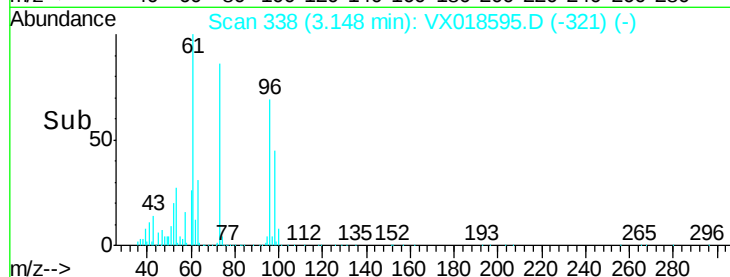
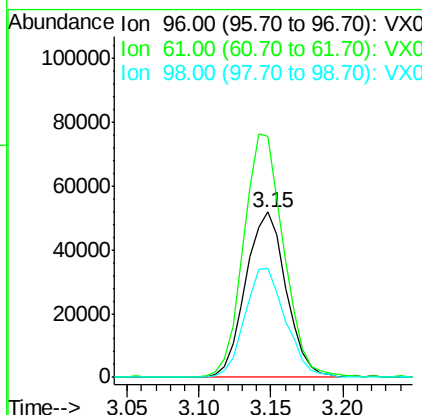
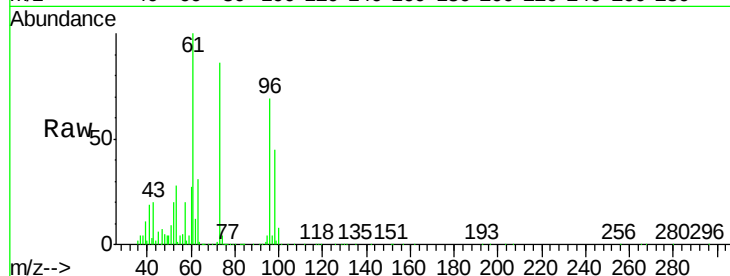
#19  
trans-1,2-Dichloroethene  
Concen: 21.051 ug/l  
RT: 3.15 min Scan# 338  
Delta R.T. 0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 145.6 | 112.8 | 169.2 |
| 98      | 66.1  | 51.0  | 76.4  |

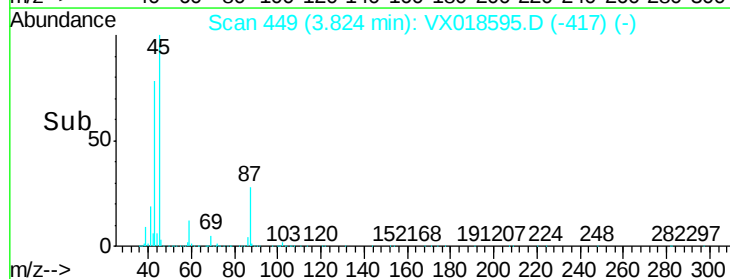
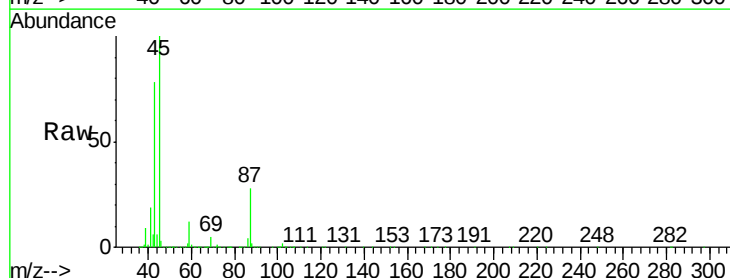
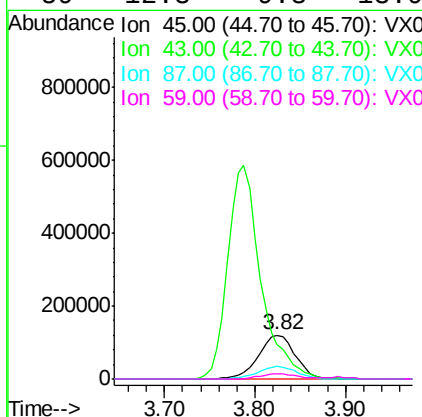
Manual Integrations  
APPROVED

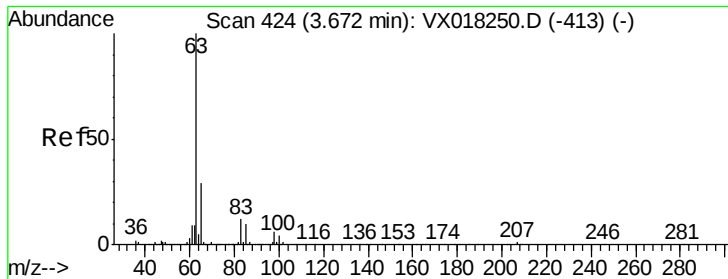
MMDadoda  
9/28/2020 12:50:07 PM



#20  
Diisopropyl ether  
Concen: 22.152 ug/l  
RT: 3.82 min Scan# 449  
Delta R.T. -0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 78.0  | 54.5  | 81.7  |
| 87      | 28.0  | 22.2  | 33.2  |
| 59      | 12.3  | 9.3   | 13.9  |





#21

1,1-Dichloroethane

Concen: 21.601 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

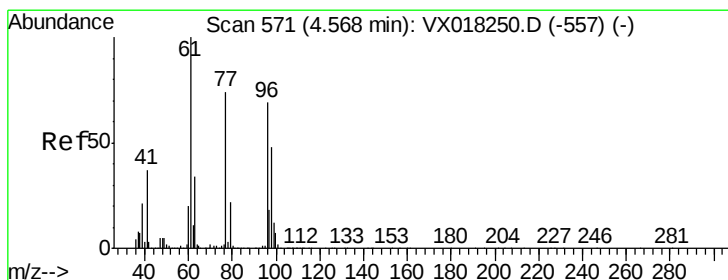
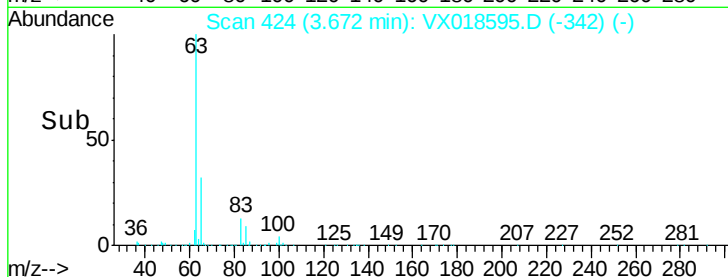
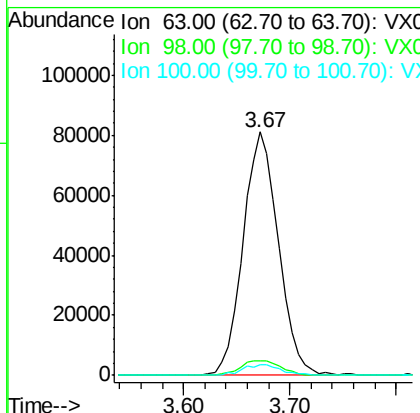
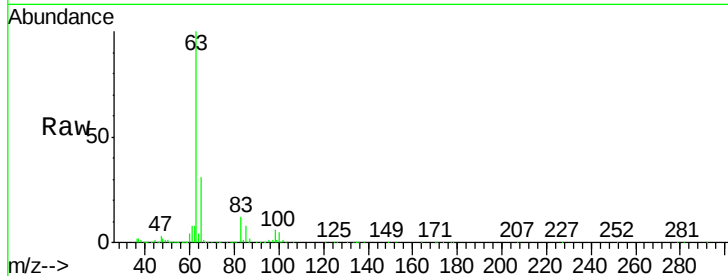
ClientSampleId :

VX0925WBSD01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 63      | 100   |            |       |
| 98      | 6.1   | 3.2        | 9.6   |
| 100     | 4.6   | 2.1        | 6.3   |

Manual Integrations  
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9/28/2020 12:50:07 PM



#22

cis-1,2-Dichloroethene

Concen: 22.289 ug/l

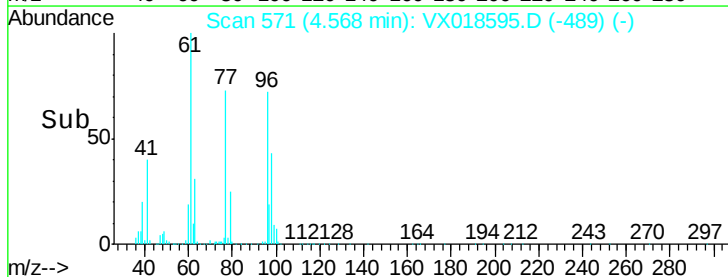
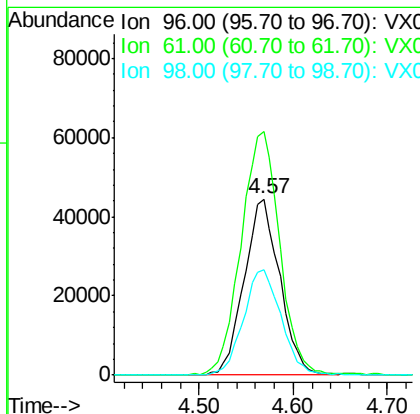
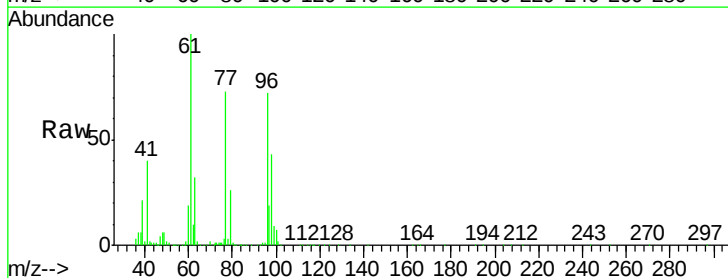
RT: 4.57 min Scan# 571

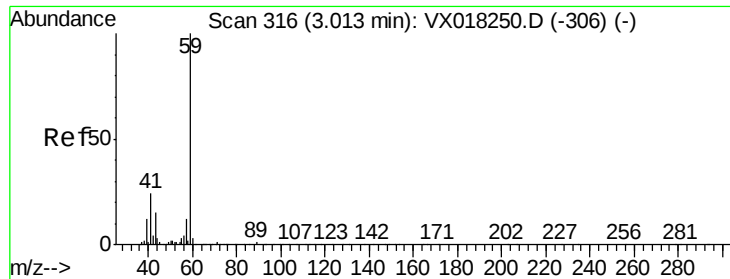
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 96      | 100   |            |       |
| 61      | 148.9 | 116.2      | 174.4 |
| 98      | 62.8  | 52.5       | 78.7  |





#23

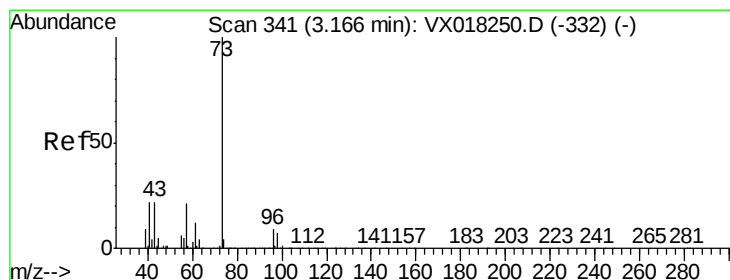
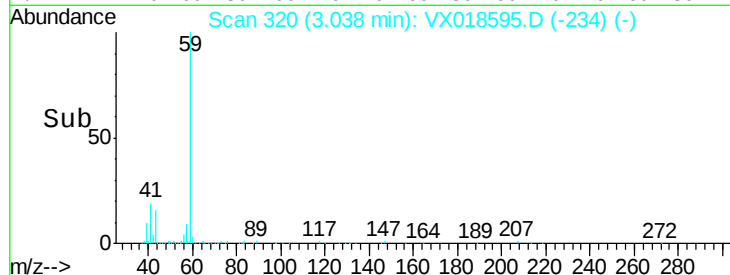
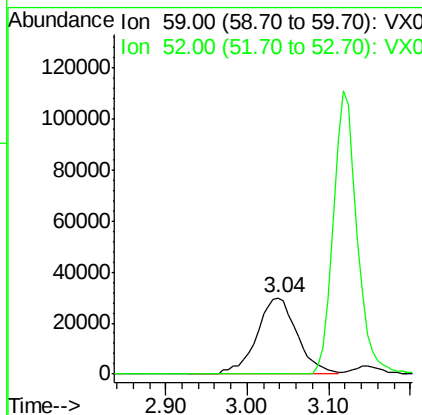
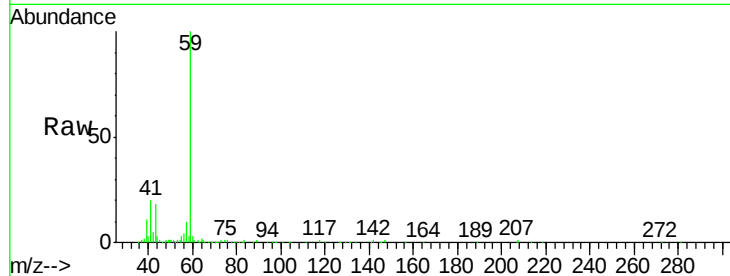
tert-Butyl Alcohol  
 Concen: 92.148 ug/l  
 RT: 3.04 min Scan# 320  
 Delta R.T. 0.02 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

Tot Ion: 59 Resp: 102782  
 Ion Ratio Lower Upper  
 59 100  
 52 0.2 0.4 0.6#

Manual Integrations  
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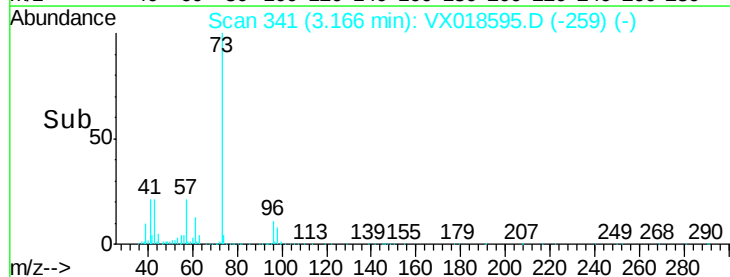
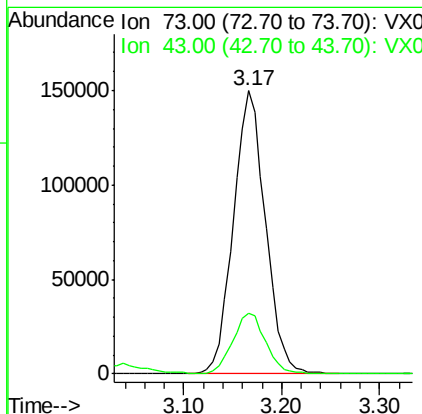
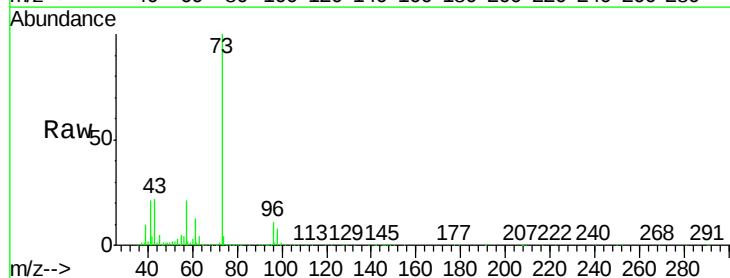
MMDadoda  
 9/28/2020 12:50:07 PM

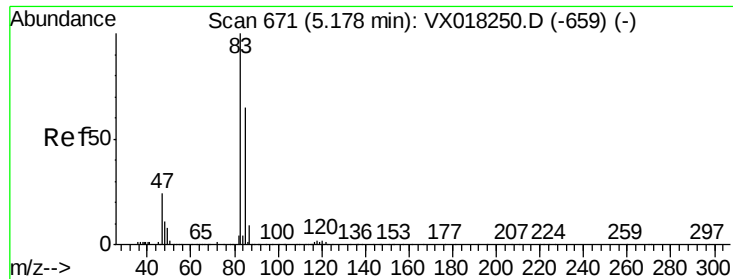


#24

Methyl tert-Butyl Ether  
 Concen: 22.061 ug/l  
 RT: 3.17 min Scan# 341  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Tgt Ion: 73 Resp: 338449  
 Ion Ratio Lower Upper  
 73 100  
 43 21.6 17.8 26.6





#25

Chloroform

Concen: 22.105 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 83 Resp: 206771

Ion Ratio Lower Upper

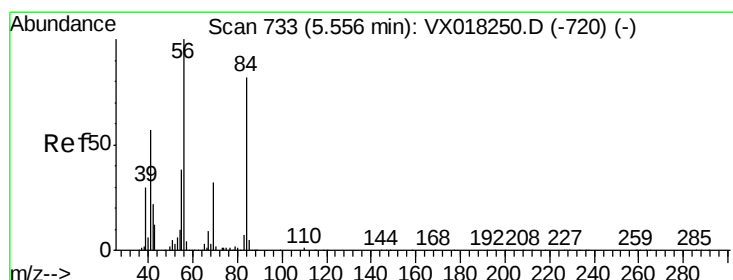
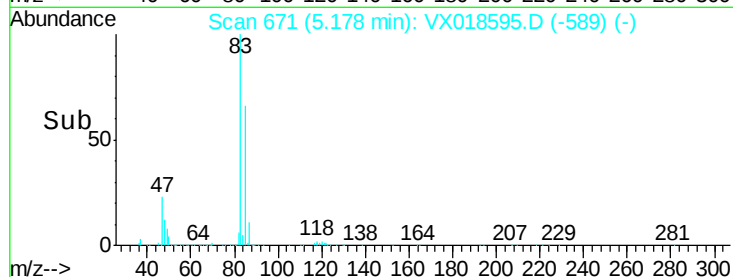
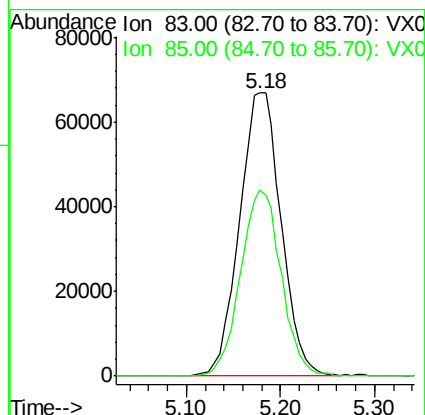
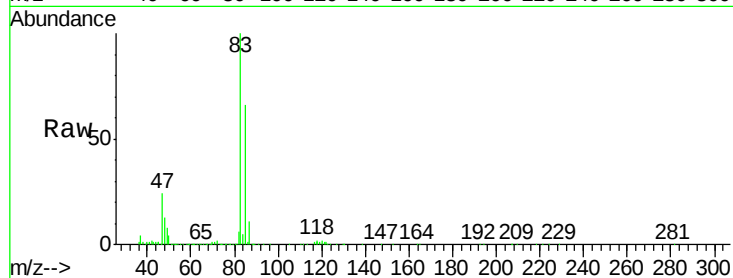
83 100

85 65.7 51.6 77.4

Manual Integrations  
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#26

Cyclohexane

Concen: 20.589 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

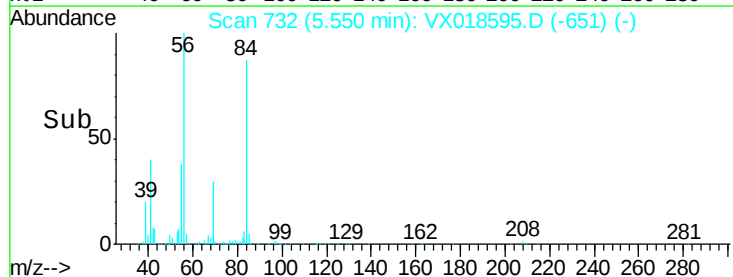
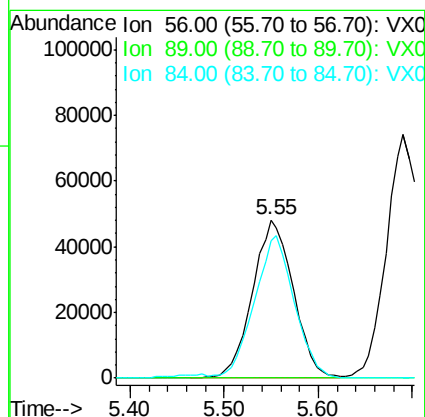
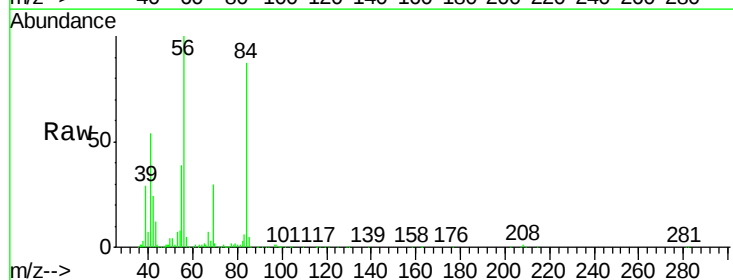
Tgt Ion: 56 Resp: 145652

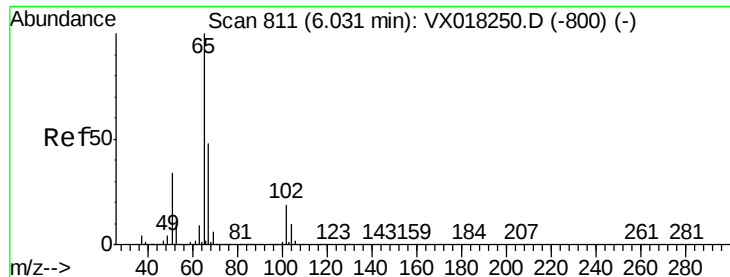
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 88.4 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.312 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 65 Resp: 205150

Ion Ratio Lower Upper

65 100

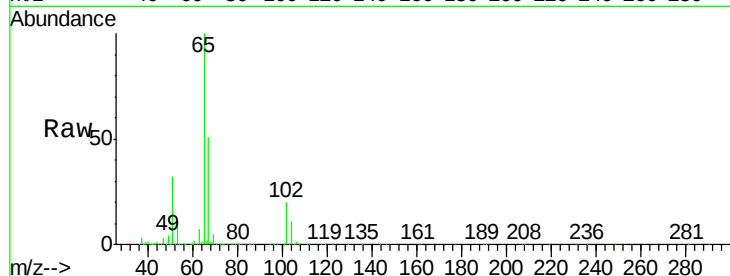
67 50.3 39.9 59.9

Manual Integrations

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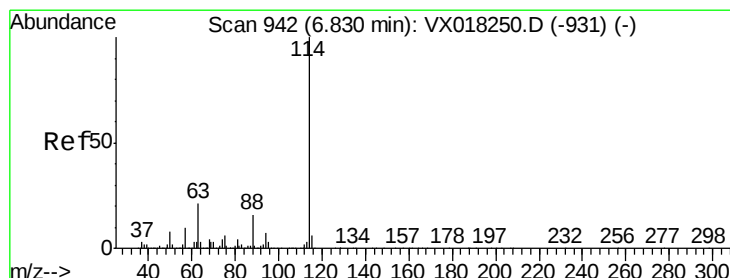
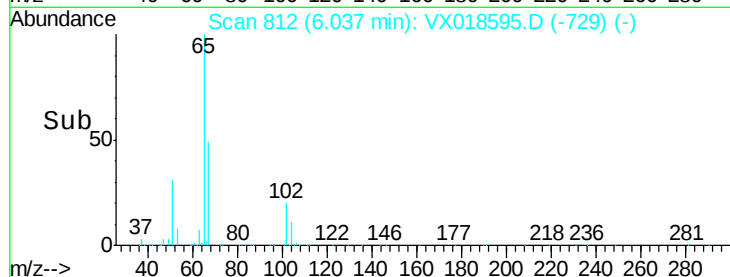
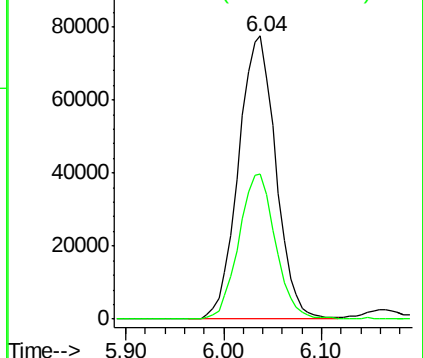
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

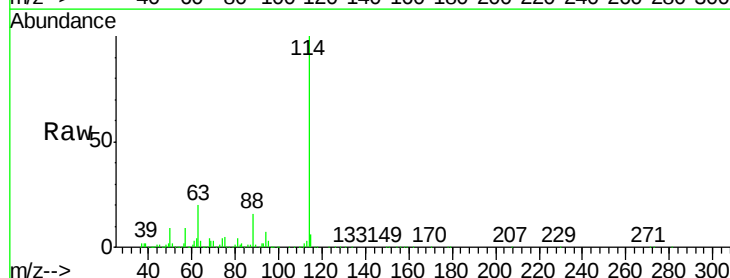
Tgt Ion: 114 Resp: 440402

Ion Ratio Lower Upper

114 100

63 20.9 16.7 25.1

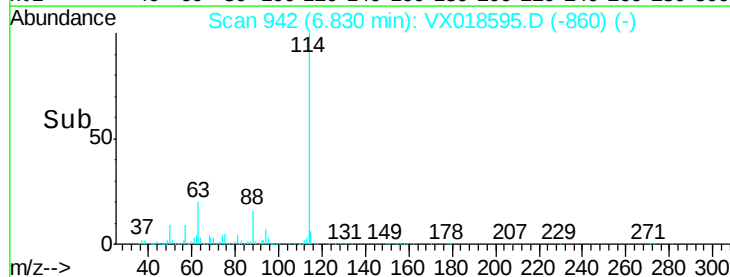
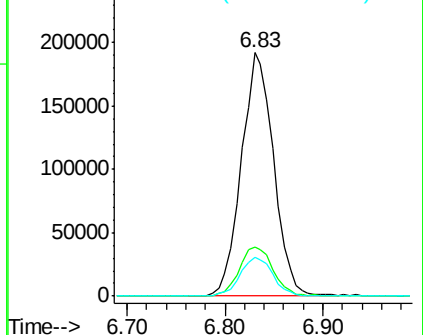
88 16.2 12.6 18.8

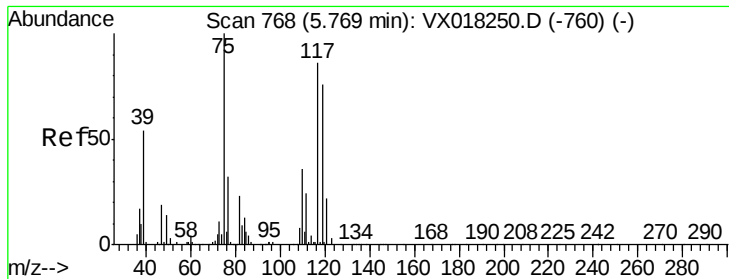


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 21.465 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

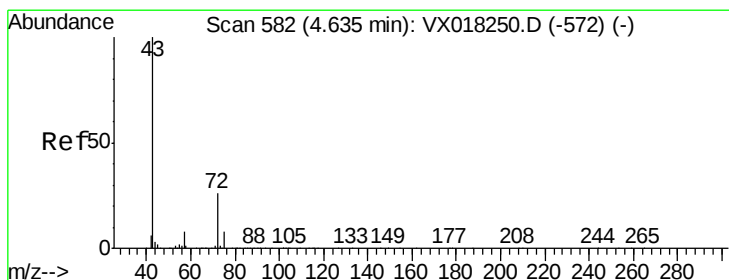
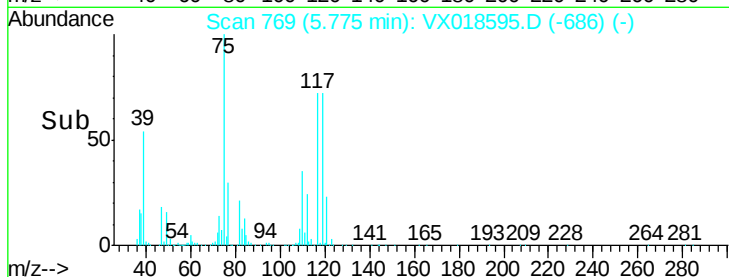
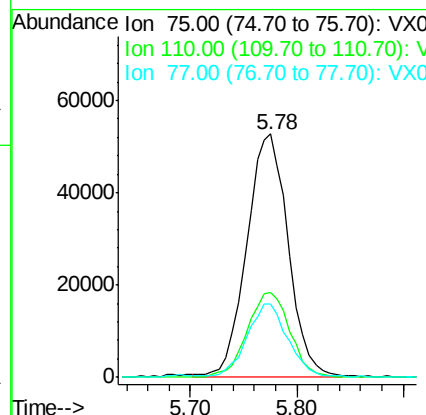
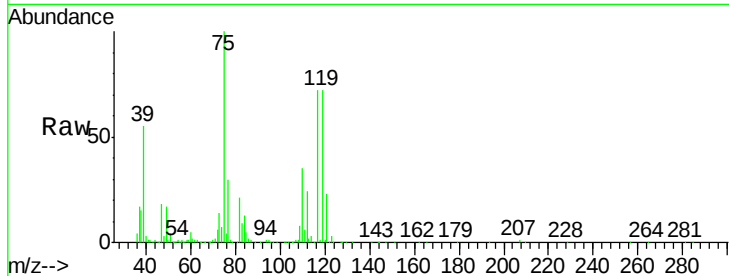
ClientSampleId :

VX0925WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 35.8  | 0.0  | 72.2  |       |
| 77      | 29.5  | 0.0  | 61.0  |       |

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#30

2-Butanone

Concen: 104.054 ug/l

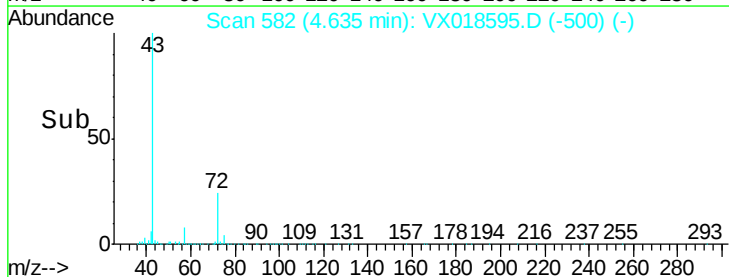
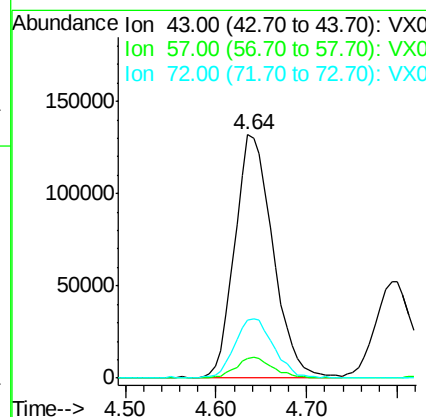
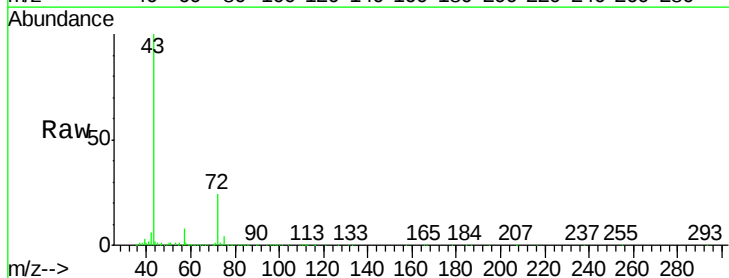
RT: 4.64 min Scan# 582

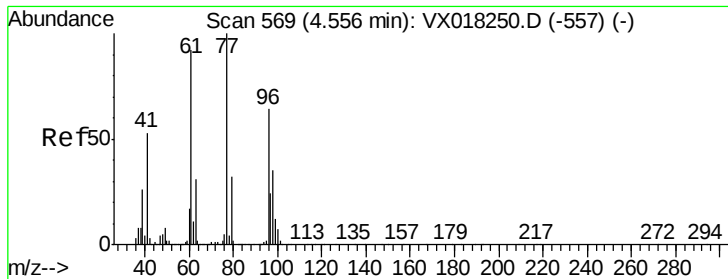
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 57      | 8.2   | 6.7  | 10.1  |       |
| 72      | 24.1  | 20.0 | 30.0  |       |





#31

2,2-Dichloropropane

Concen: 22.557 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 77 Resp: 183167

Ion Ratio Lower Upper

77 100

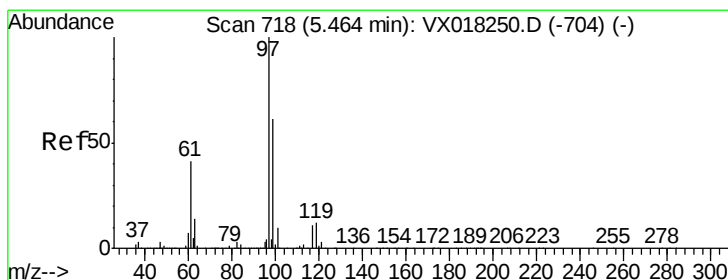
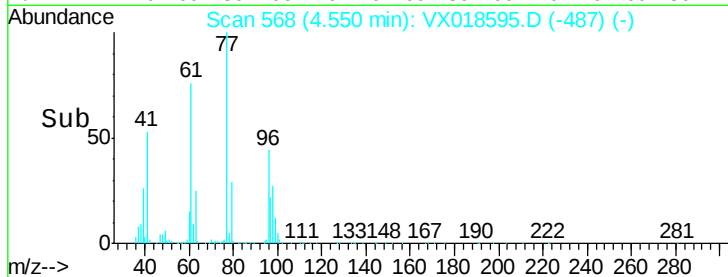
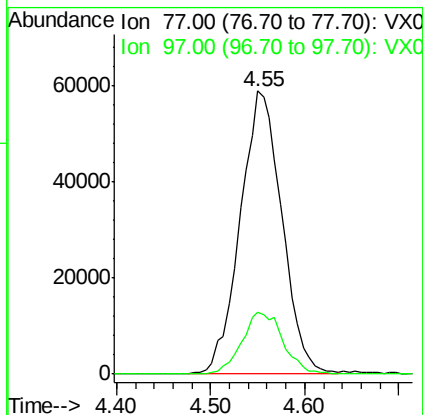
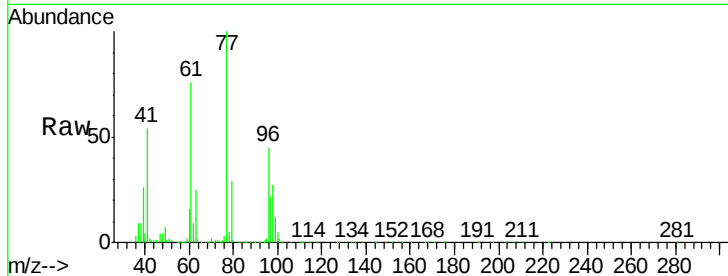
97 21.5 18.1 27.1

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#32

1,1,1-Trichloroethane

Concen: 21.698 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

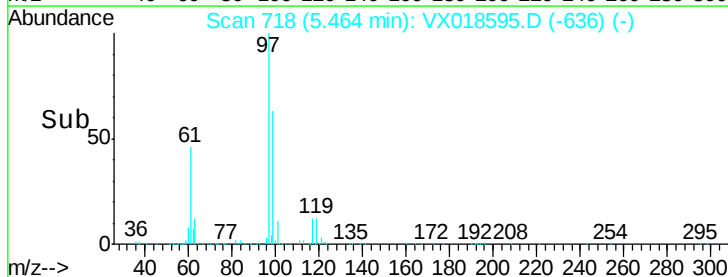
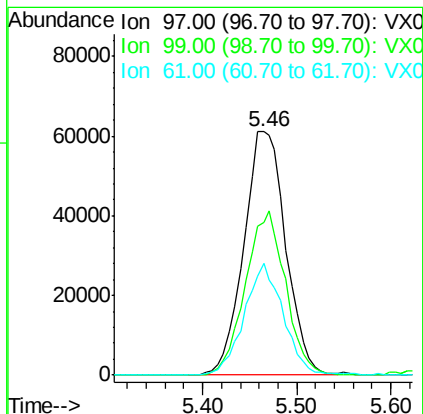
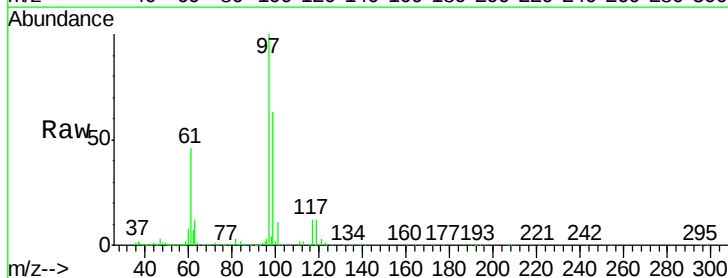
Tgt Ion: 97 Resp: 190930

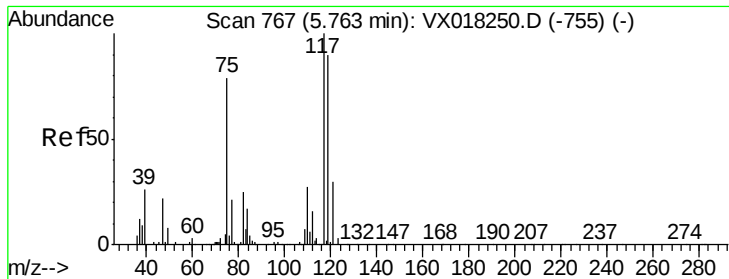
Ion Ratio Lower Upper

97 100

99 64.6 50.7 76.1

61 42.4 34.5 51.7





#33

Carbon Tetrachloride

Concen: 21.628 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

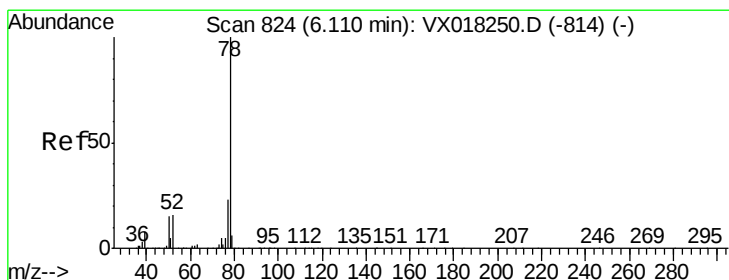
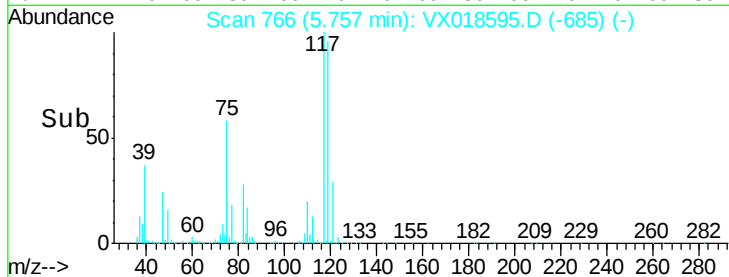
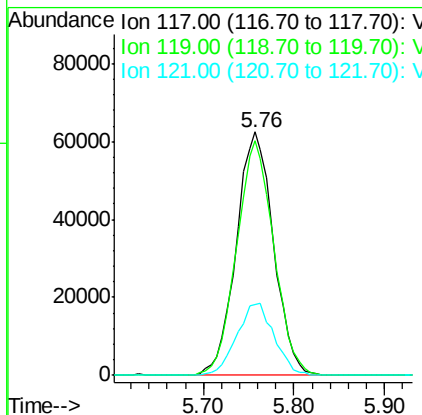
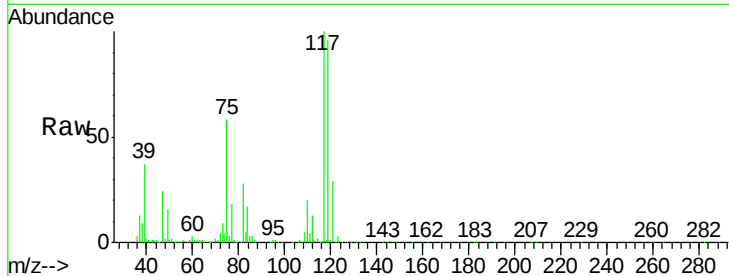
ClientSampleId :

VX0925WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 177335 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.4  | 72.3  | 108.5  |
| 121       | 29.3  | 24.1  | 36.1   |

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#34

Benzene

Concen: 21.155 ug/l

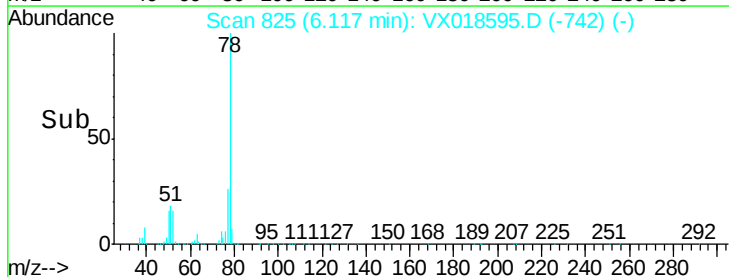
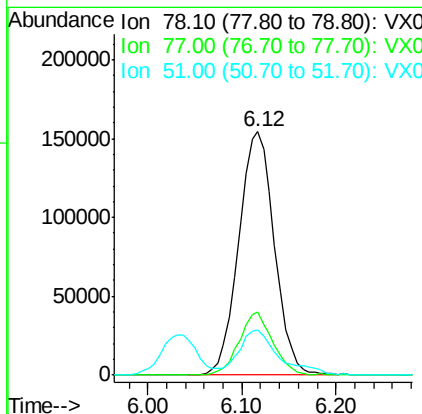
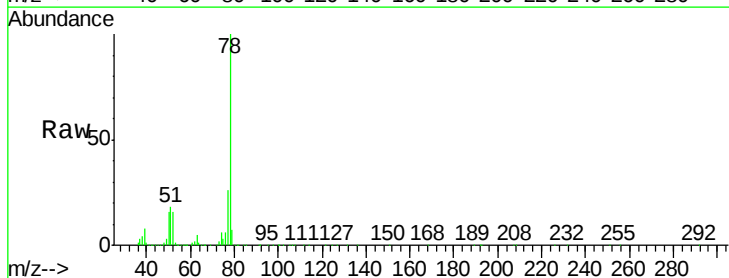
RT: 6.12 min Scan# 825

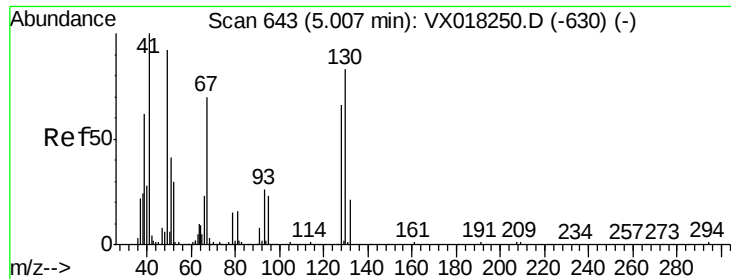
Delta R.T. 0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 78    | Resp: | 405969 |
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 25.7  | 18.3  | 27.5   |
| 51        | 18.2  | 11.3  | 16.9#  |





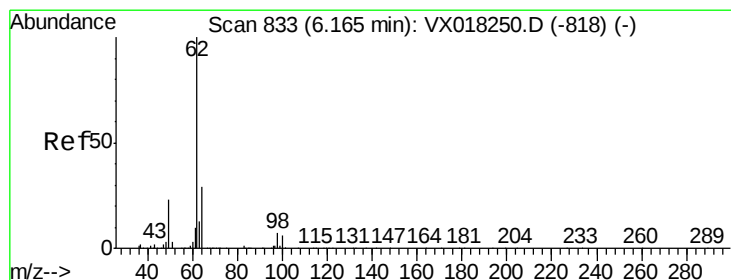
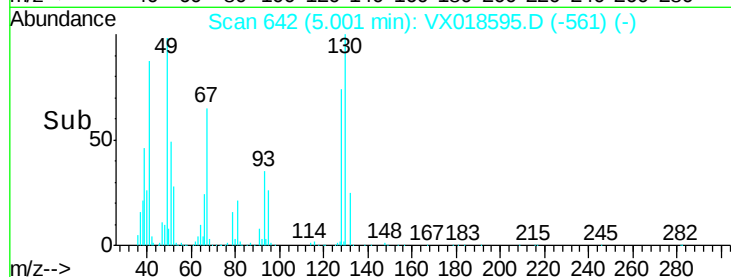
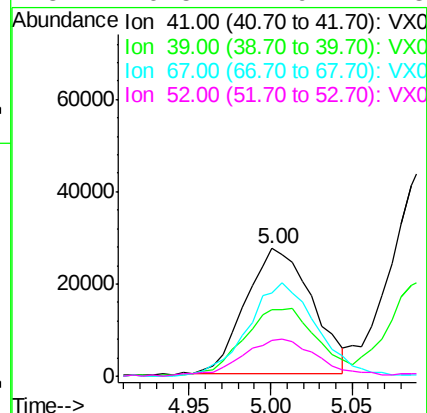
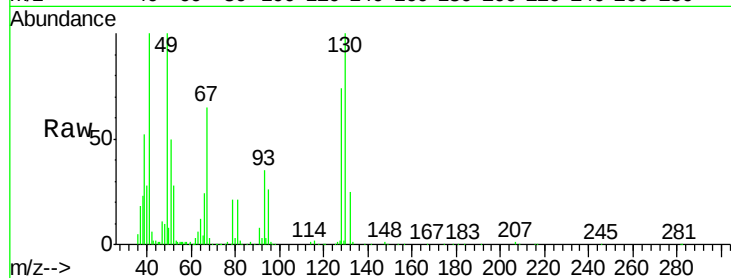
#35  
Methacrylonitrile  
Concen: 19.926 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 51.5  | 31.3  | 93.9  |
| 67      | 65.2  | 35.4  | 106.2 |
| 52      | 26.5  | 14.9  | 44.5  |

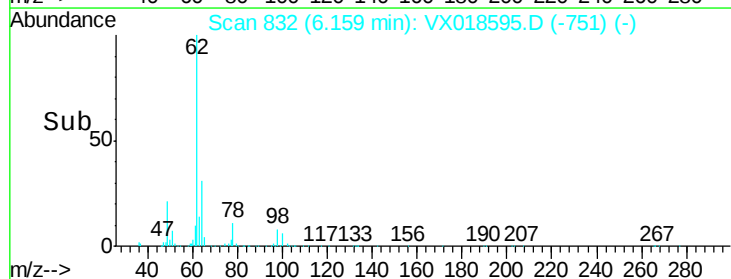
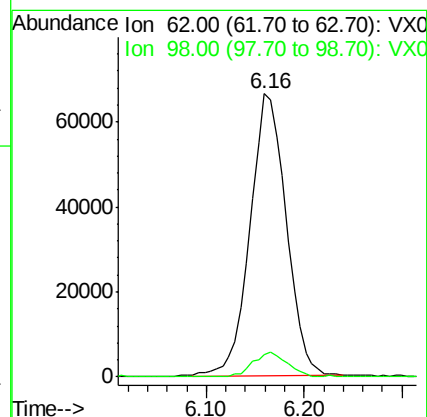
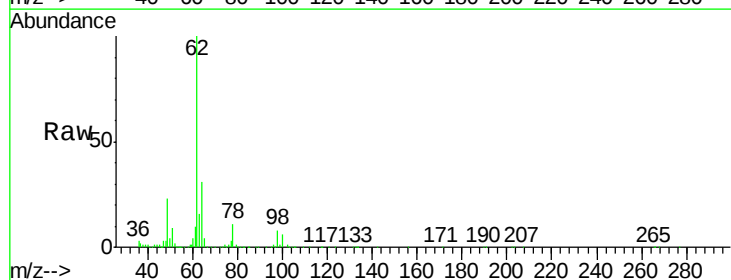
Manual Integrations  
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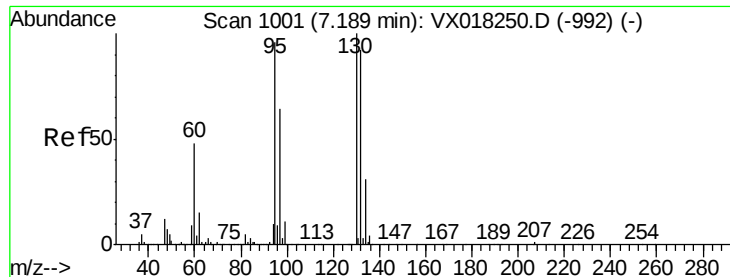
MMDadoda  
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#36  
1,2-Dichloroethane  
Concen: 21.535 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.4   | 0.0   | 0.0#  |





#37

Trichloroethene

Concen: 21.242 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

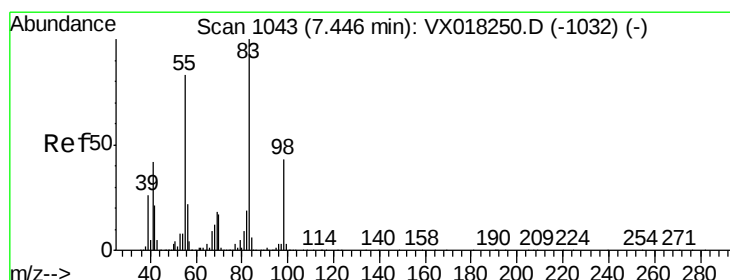
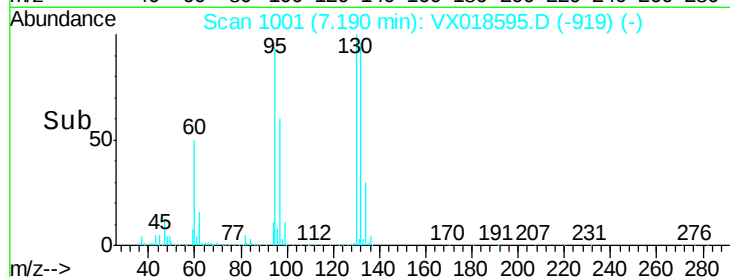
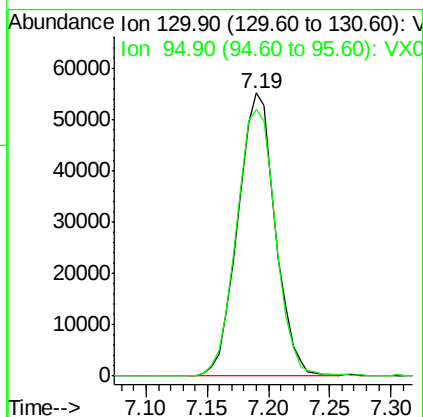
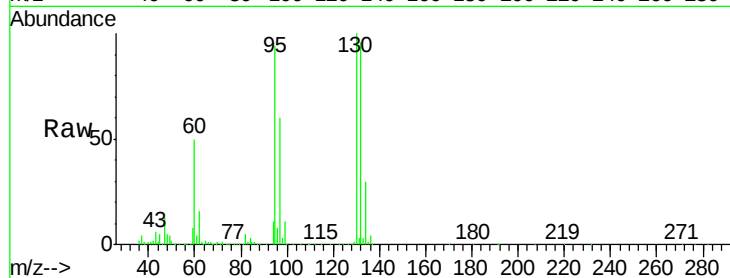
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

Tot Ion: 130 Resp: 117871

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 94.0  | 76.9  | 115.3 |

Manual Integrations  
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#38

Methylcyclohexane

Concen: 21.114 ug/l

RT: 7.45 min Scan# 1043

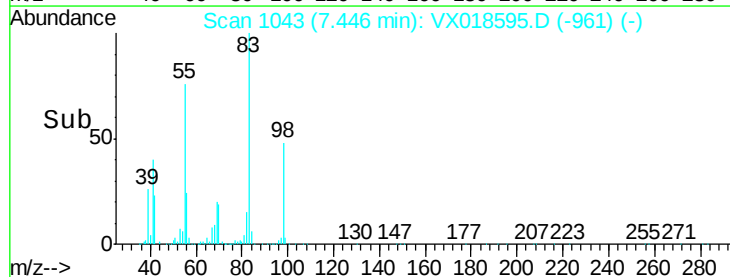
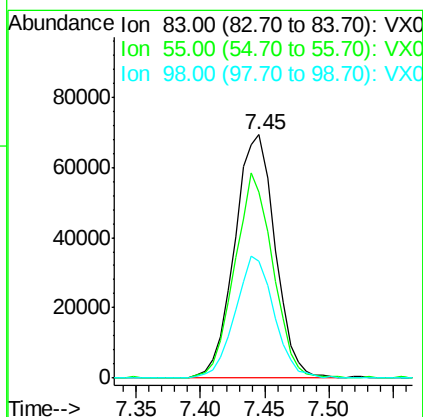
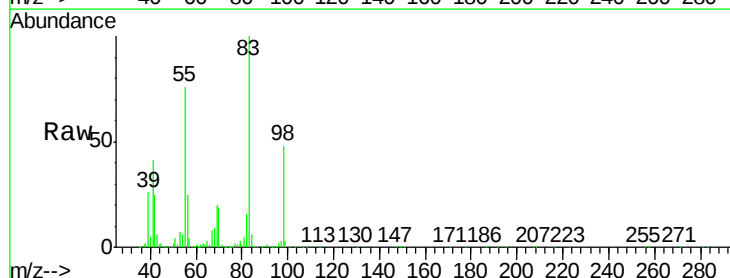
Delta R.T. 0.00 min

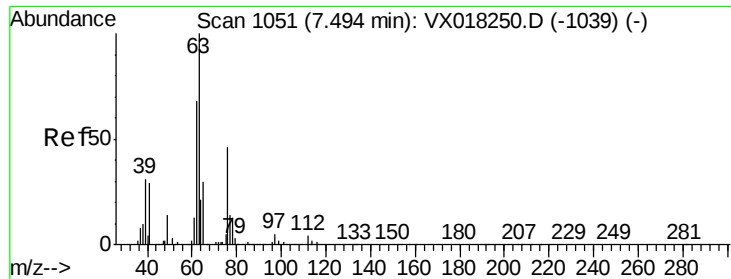
Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Tgt Ion: 83 Resp: 151192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 79.0  | 41.1  | 123.4 |
| 98  | 48.0  | 24.0  | 72.0  |





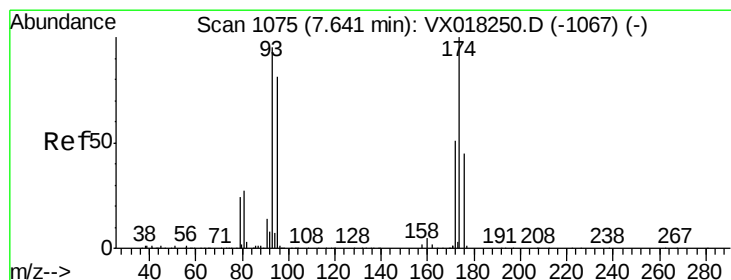
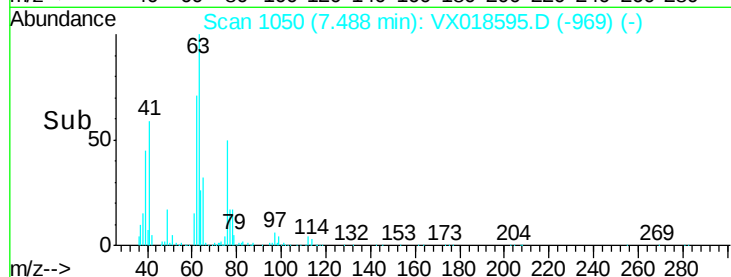
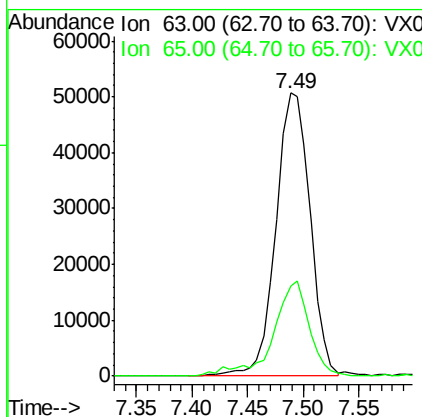
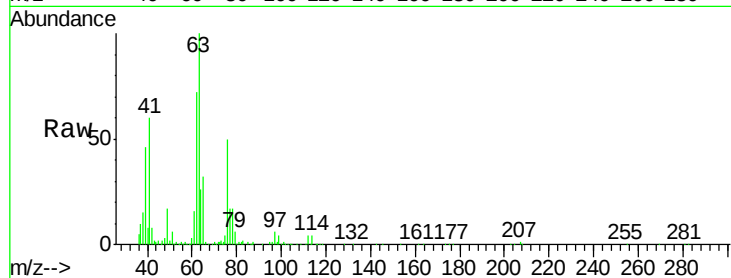
#39  
 1,2-Dichloropropane  
 Concen: 21.106 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.0  | 25.7  | 38.5  |

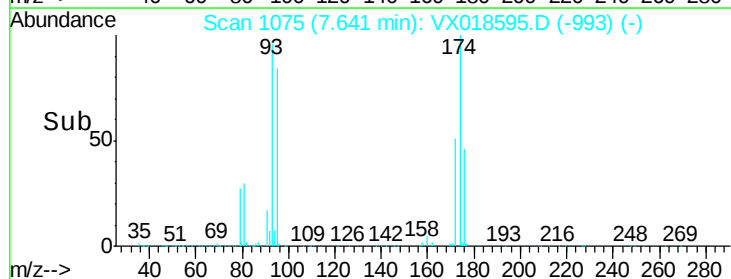
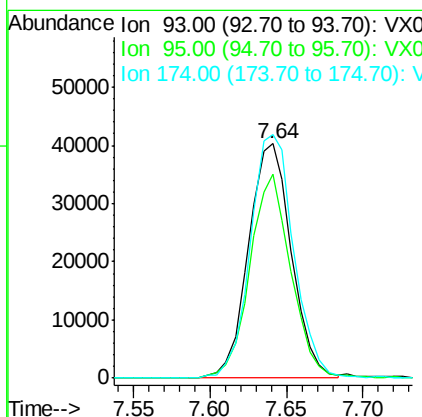
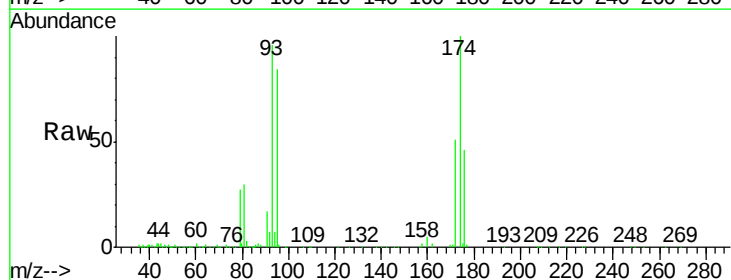
Manual Integrations  
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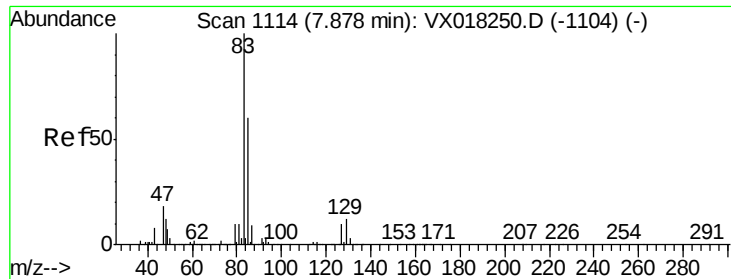
MMDadoda  
 9/28/2020 12:50:07 PM



#40  
 Dibromomethane  
 Concen: 21.216 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.4  | 0.0   | 167.0 |
| 174     | 104.8 | 0.0   | 202.0 |





#41

Bromodichloromethane

Concen: 21.621 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

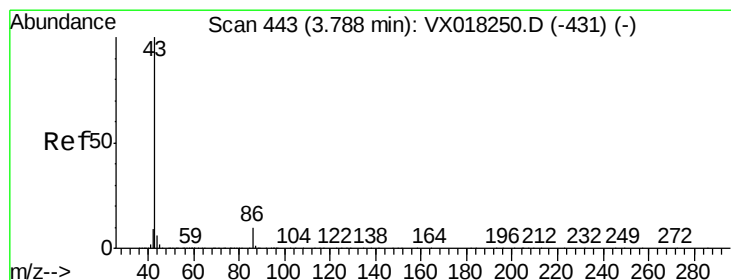
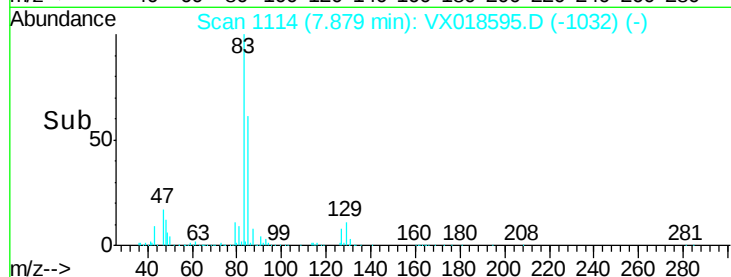
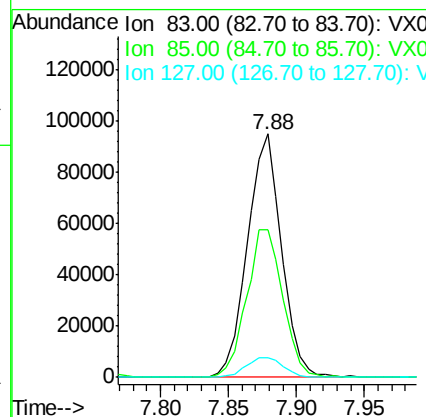
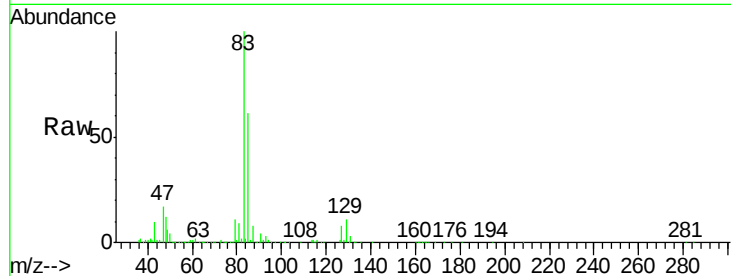
ClientSampleId :

VX0925WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 166314 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 60.5  | 48.2  | 72.2   |
| 127       | 8.0   | 8.0   | 12.0#  |

Manual Integrations  
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9/28/2020 12:50:07 PM



#42

Vinyl Acetate

Concen: 108.240 ug/l

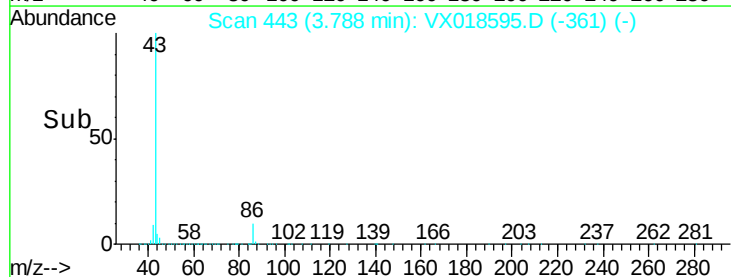
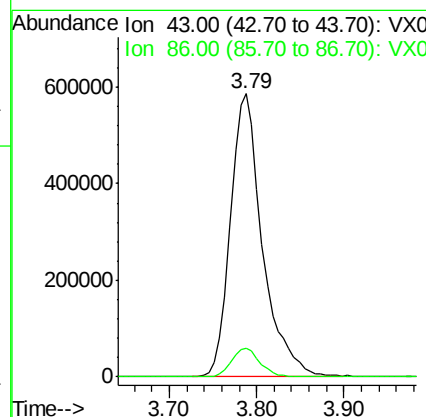
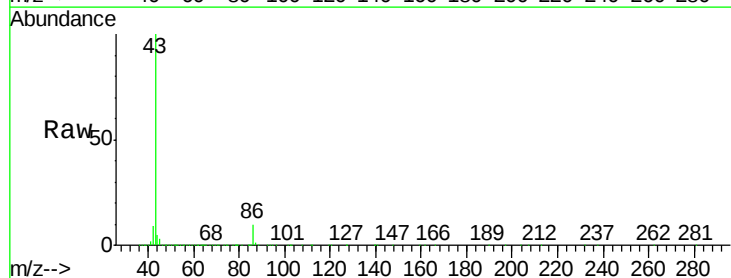
RT: 3.79 min Scan# 443

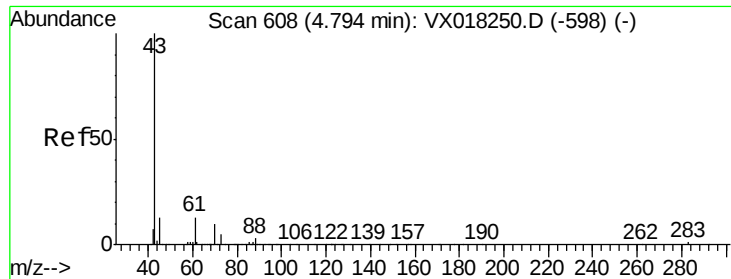
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 43    | Resp: | 1486472 |
| Ion Ratio | Lower | Upper |         |
| 43        | 100   |       |         |
| 86        | 9.0   | 7.2   | 10.8    |





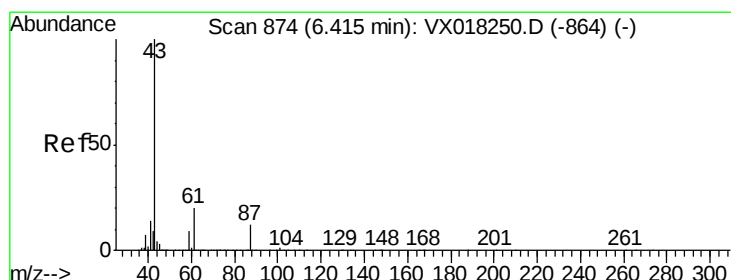
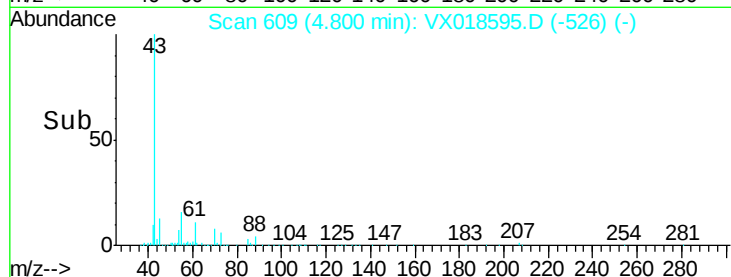
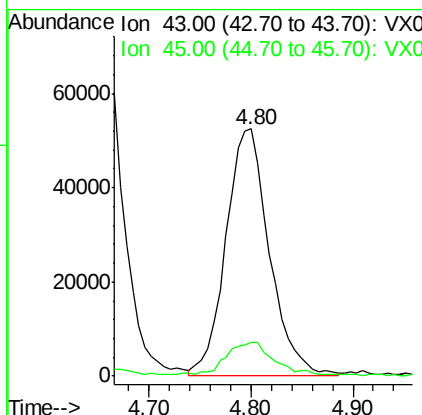
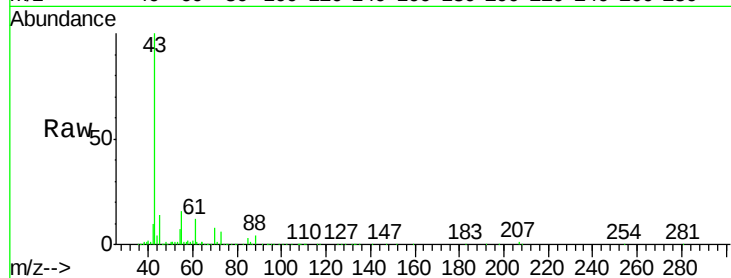
#43  
Ethyl Acetate  
Concen: 20.993 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. 0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | 43   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 45      | 14.1 | 11.2  | 16.8  |       |

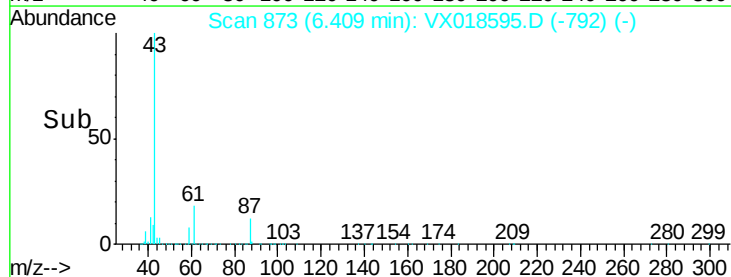
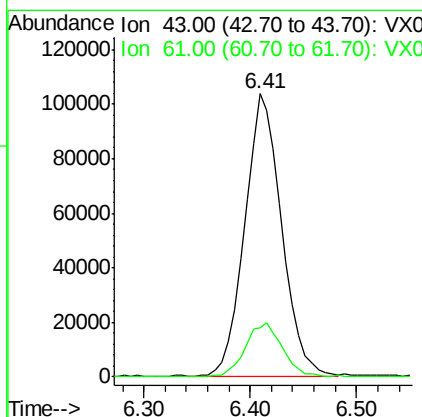
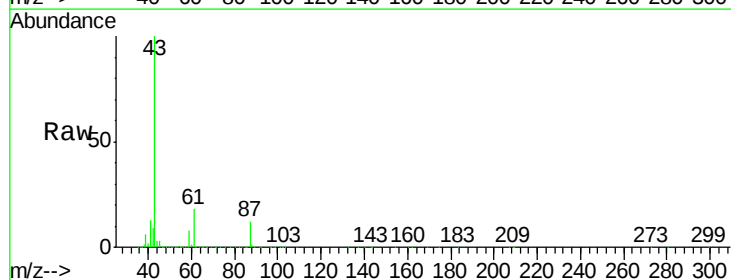
Manual Integrations  
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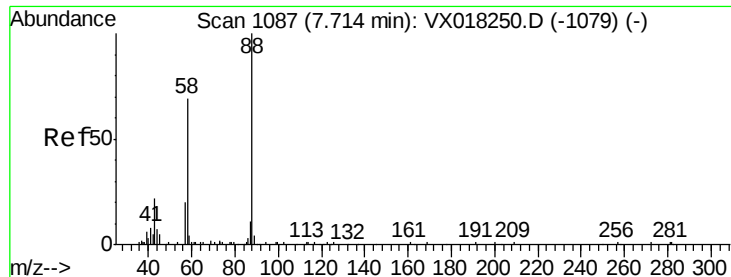
MMDadoda  
9/28/2020 12:50:07 PM



#44  
Isopropyl Acetate  
Concen: 21.270 ug/l  
RT: 6.41 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | 43   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 61      | 19.3 | 14.6  | 22.0  |       |





#45

1,4-Dioxane

Concen: 273.796 ug/l m

RT: 7.74 min Scan# 1092

Delta R.T. 0.03 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

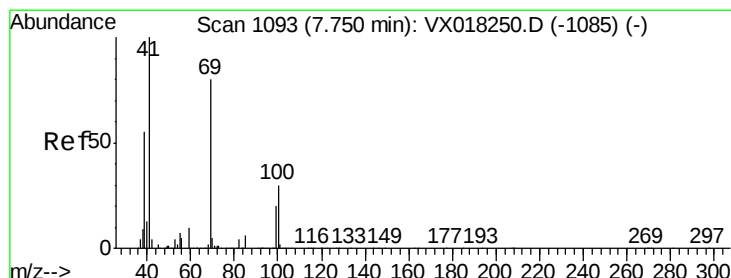
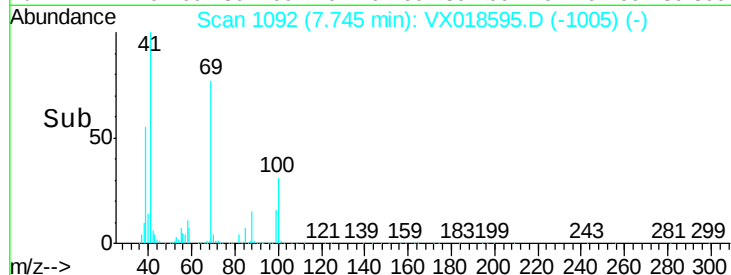
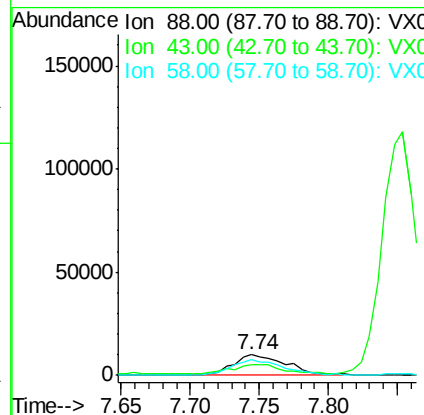
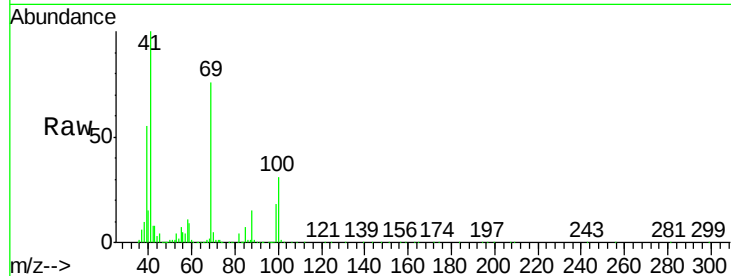
ClientSampleId :

VX0925WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 26981 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 1.2   | 13.6  | 20.4# |
| 58        | 0.5   | 58.2  | 87.4# |

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#46

Methyl methacrylate

Concen: 20.909 ug/l

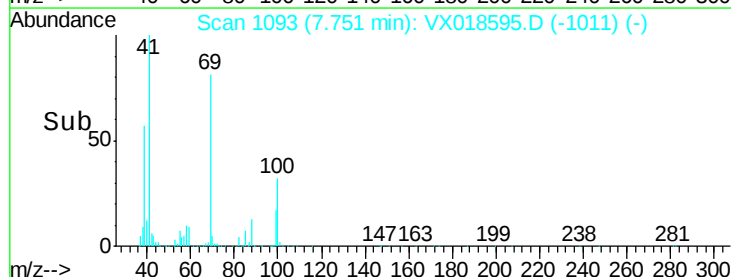
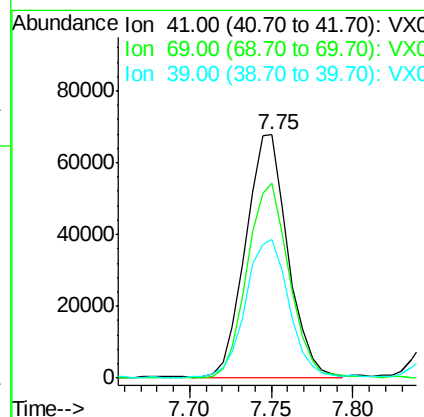
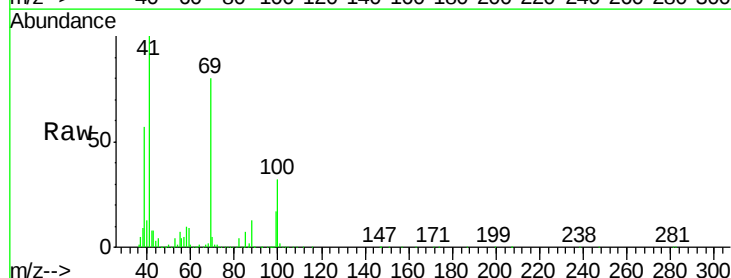
RT: 7.75 min Scan# 1093

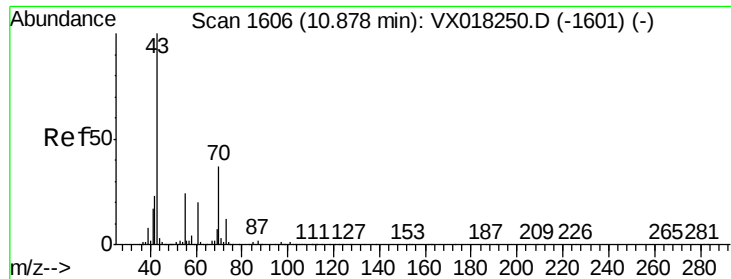
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 121383 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 80.2  | 40.3  | 120.8  |
| 39        | 56.6  | 27.3  | 81.9   |





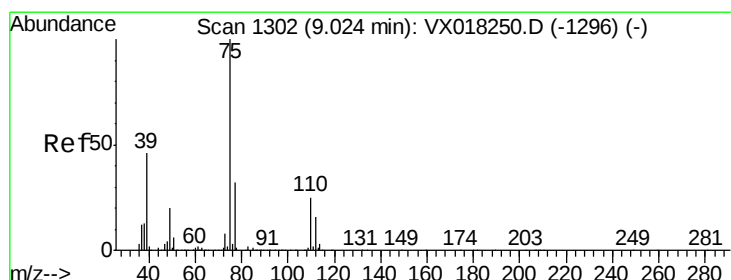
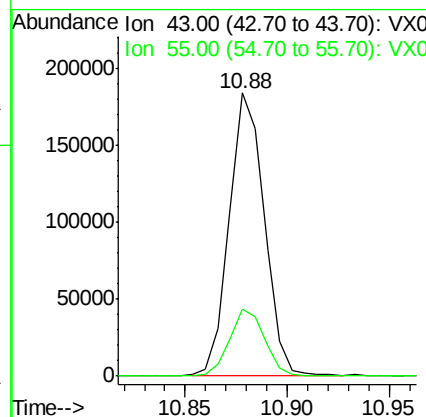
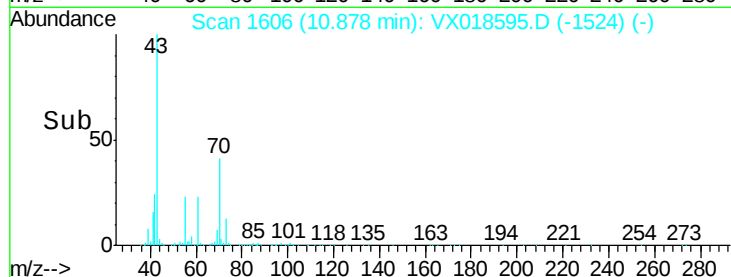
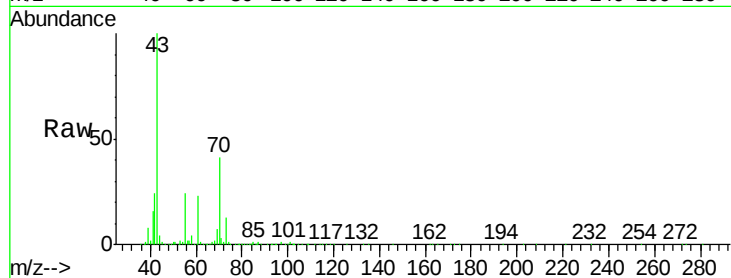
#47  
n-amvl Acetate  
Concen: 20.903 ug/l  
RT: 10.88 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

Tot Ion: 43 Resp: 216660  
Ion Ratio Lower Upper  
43 100  
55 23.3 18.9 28.3

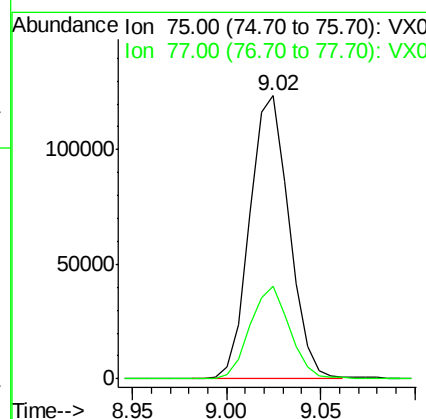
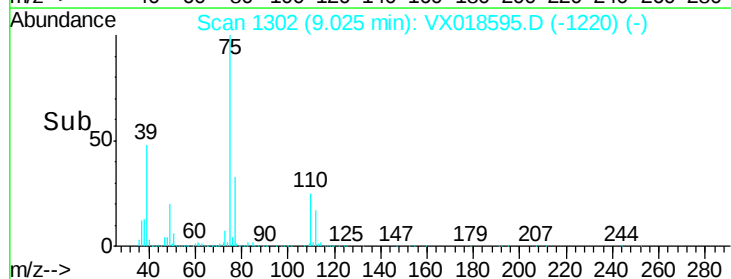
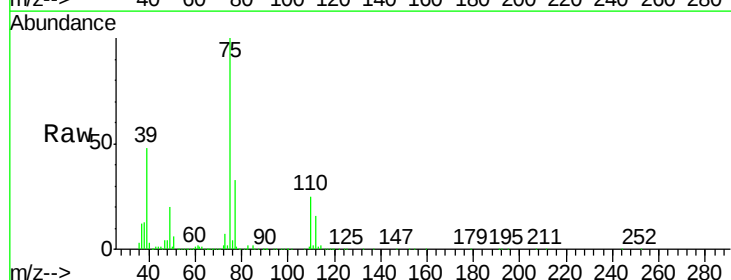
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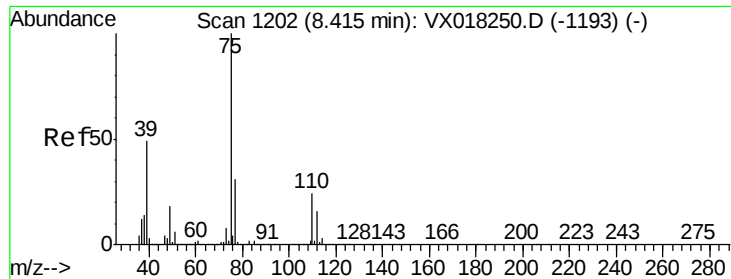
MMDadoda  
9/28/2020 12:50:07 PM



#48  
t-1,3-Dichloropropene  
Concen: 21.646 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Tgt Ion: 75 Resp: 178868  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.4 38.2





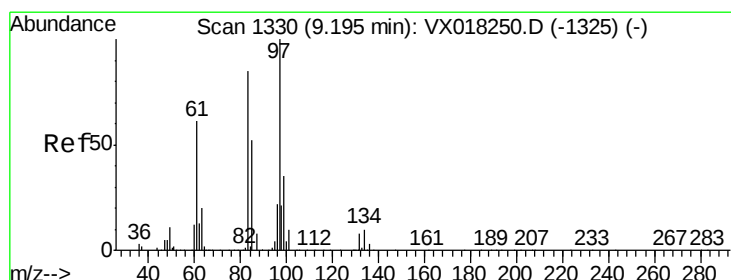
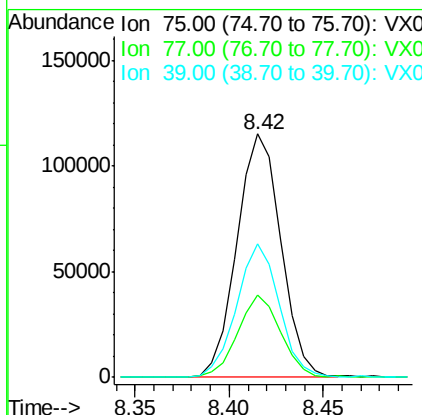
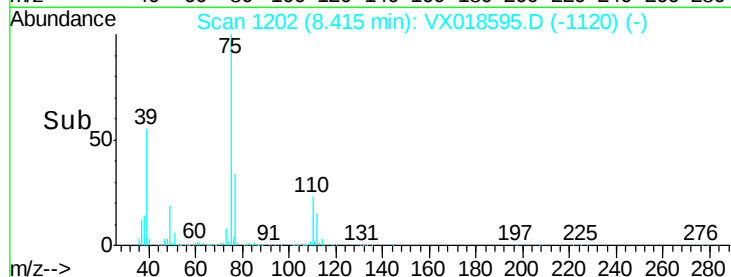
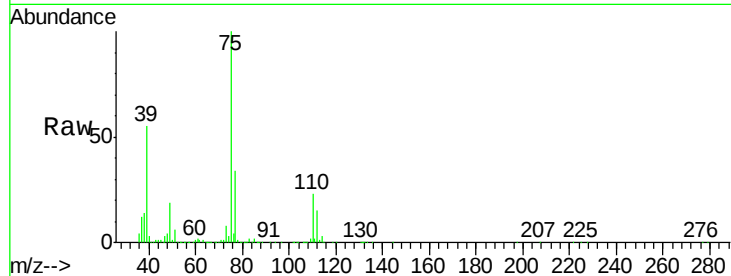
#49  
 cis-1,3-Dichloropropene  
 Concen: 21.388 ug/l  
 RT: 8.42 min Scan# 1202  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.5  | 24.7  | 37.1  |
| 39      | 54.7  | 39.6  | 59.4  |

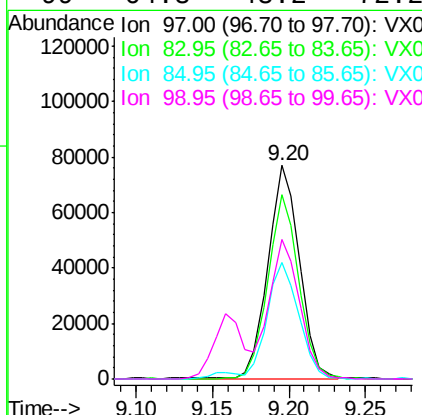
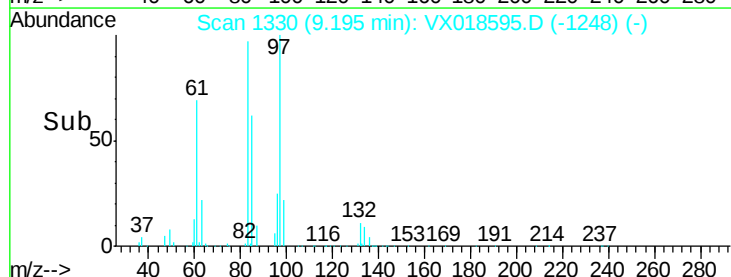
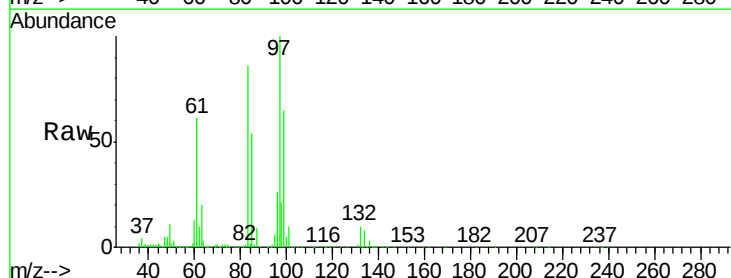
Manual Integrations  
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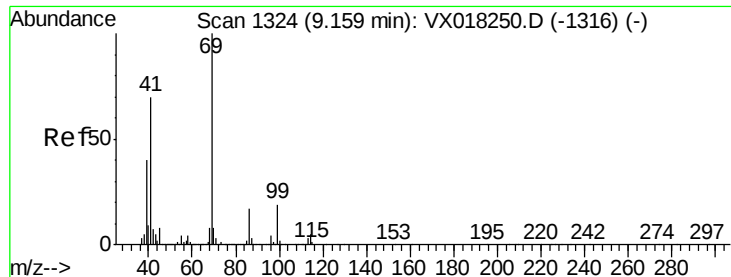
MMDadoda  
 9/28/2020 12:50:07 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 21.519 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 86.3  | 68.1  | 102.1 |
| 85      | 54.5  | 42.6  | 64.0  |
| 99      | 64.8  | 48.2  | 72.2  |





#51

Ethyl methacrylate

Concen: 21.967 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

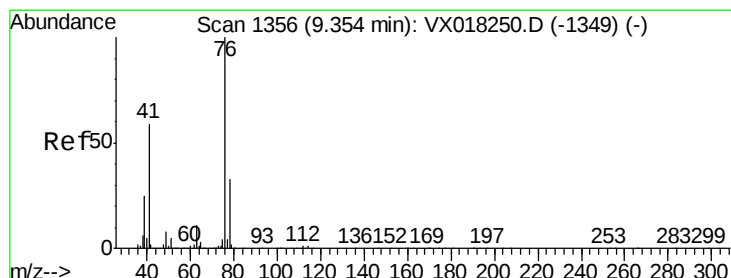
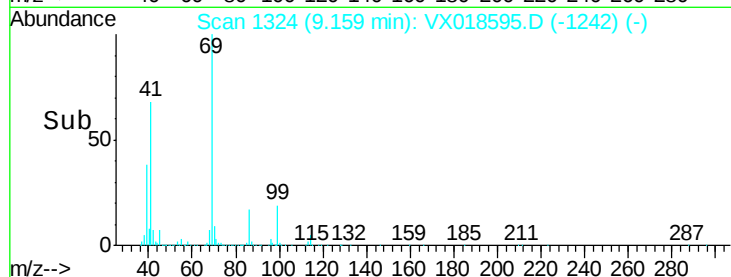
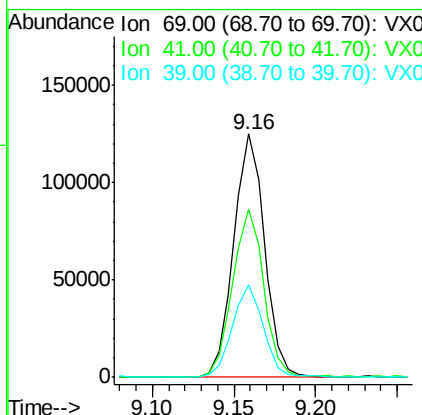
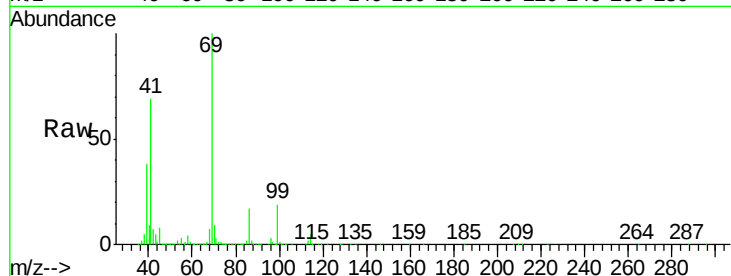
ClientSampleId :

VX0925WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 69    | Resp: | 164577 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 68.8  | 34.9  | 104.7  |
| 39        | 38.0  | 19.8  | 59.3   |

Manual Integrations  
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9/28/2020 12:50:07 PM



#52

1,3-Dichloropropane

Concen: 21.559 ug/l

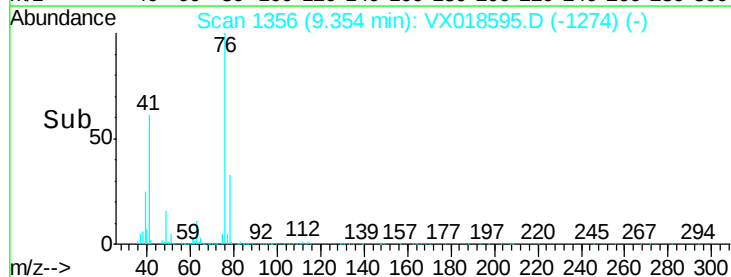
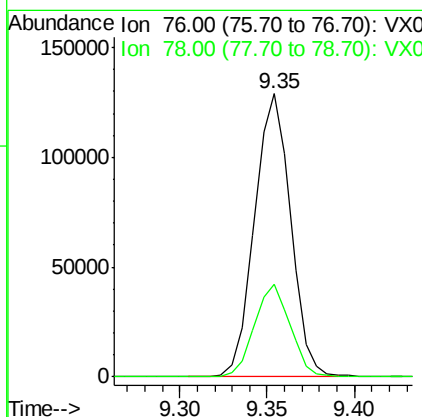
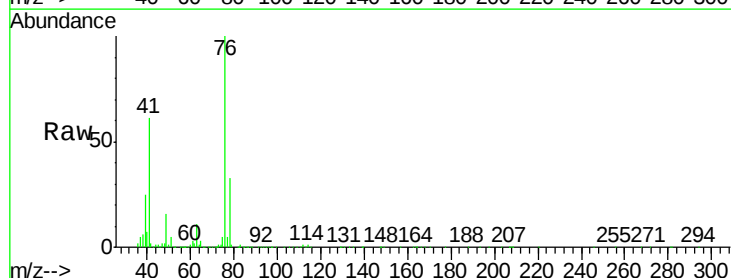
RT: 9.35 min Scan# 1356

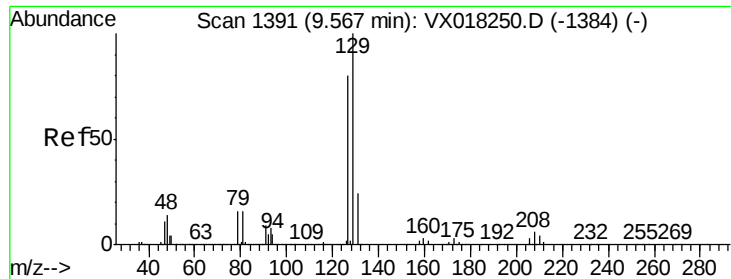
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 76    | Resp: | 185069 |
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 32.5  | 0.0   | 62.2   |





#53

Dibromochloromethane

Concen: 20.937 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion:129 Resp: 134638

Ion Ratio Lower Upper

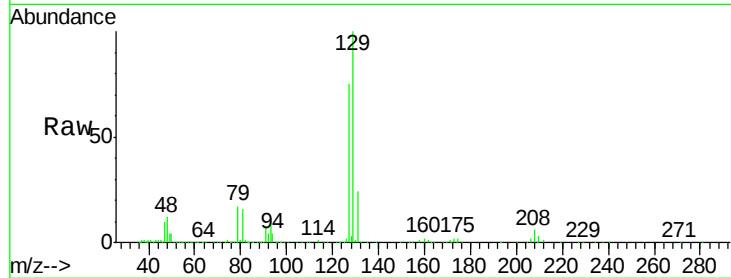
129 100

127 76.6 38.9 116.6

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

100000

80000

60000

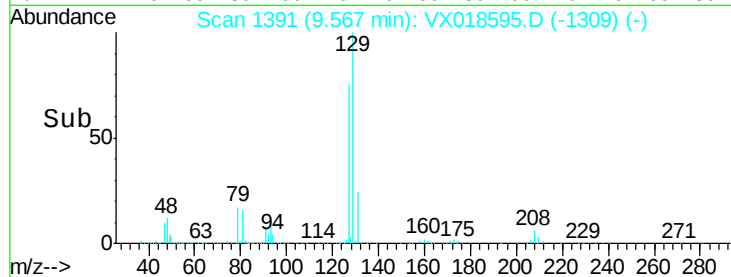
40000

20000

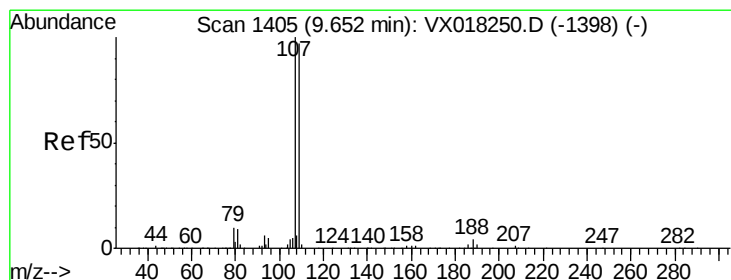
0

9.50 9.55 9.60

9.57



Time-->



#54

1,2-Dibromoethane

Concen: 21.077 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018595.D

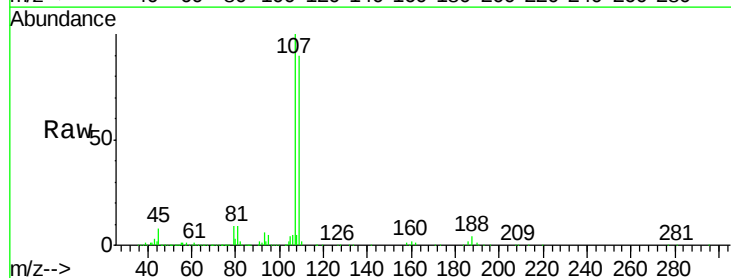
Acq: 25 Sep 2020 15:12

Tgt Ion:107 Resp: 119585

Ion Ratio Lower Upper

107 100

109 96.1 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

100000

80000

60000

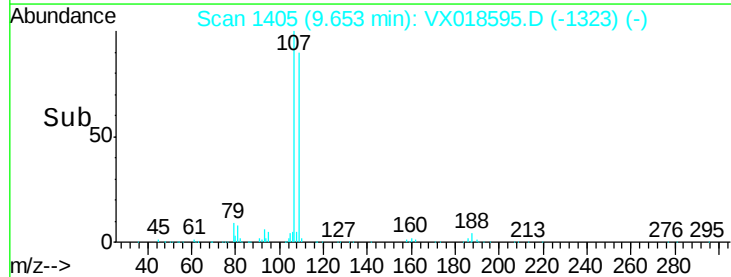
40000

20000

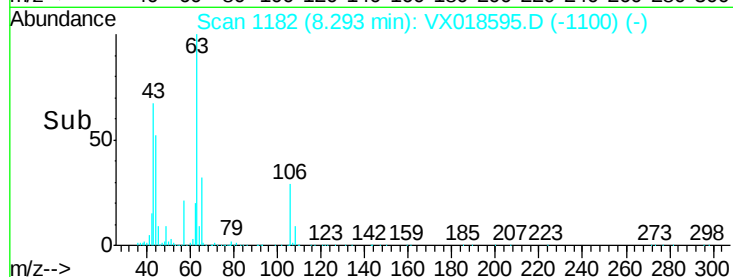
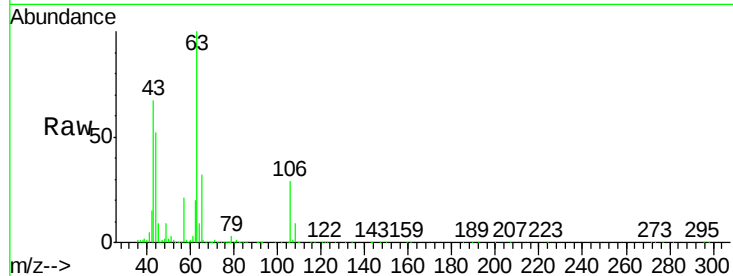
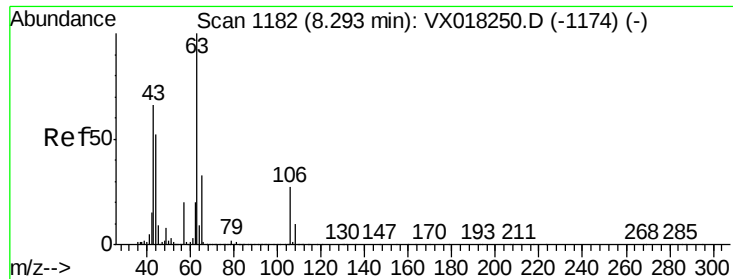
0

9.55 9.60 9.65 9.70 9.75

9.65



Time-->



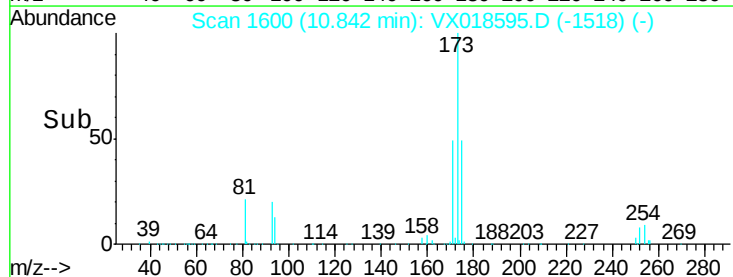
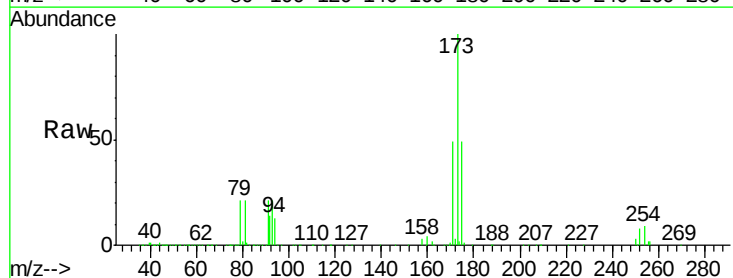
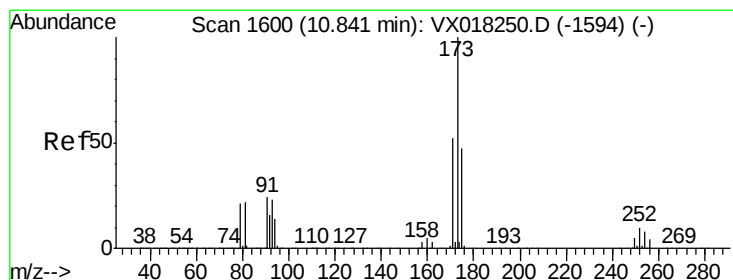
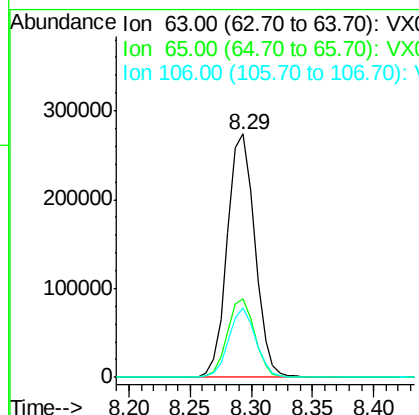
#55  
2-Chloroethyl vinyl ether  
Concen: 109.031 ug/l  
RT: 8.29 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 426562 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 65        | 32.0  | 26.0  | 39.0   |
| 106       | 27.6  | 22.3  | 33.5   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

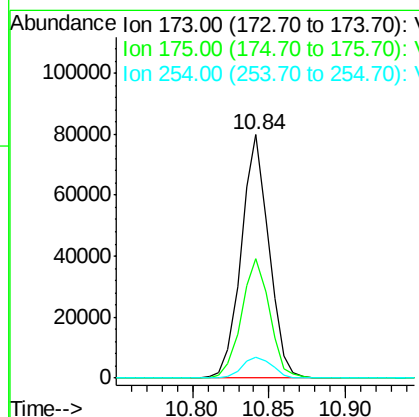
Manual Integrations  
APPROVED

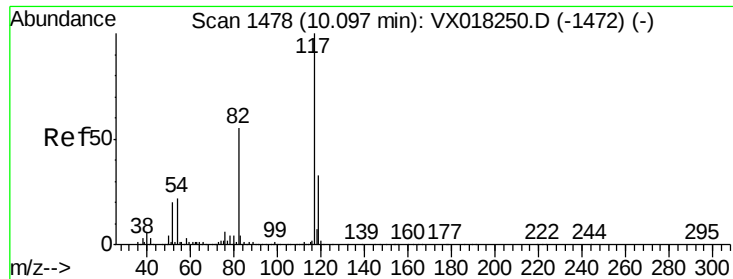
MMDadoda  
9/28/2020 12:50:07 PM



#56  
Bromoform  
Concen: 20.426 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 99801 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 50.0  | 40.2  | 60.2  |
| 254       | 9.6   | 7.3   | 10.9  |





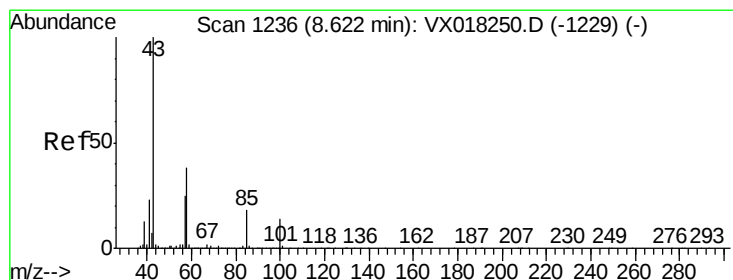
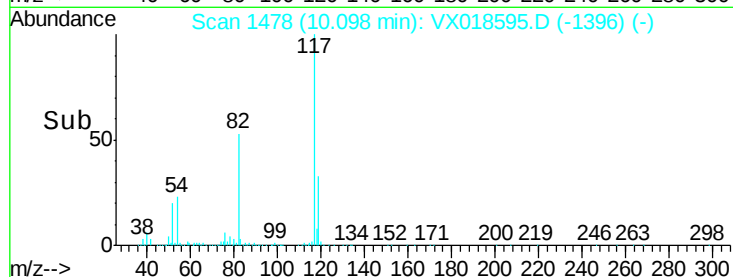
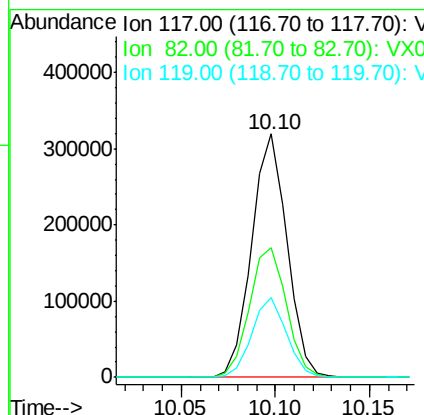
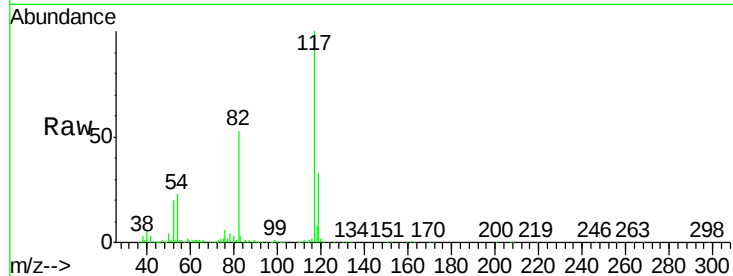
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 416302 |       |       |
| 82      | 55.6  | 44.2   | 66.4  |       |
| 119     | 32.3  | 26.1   | 39.1  |       |

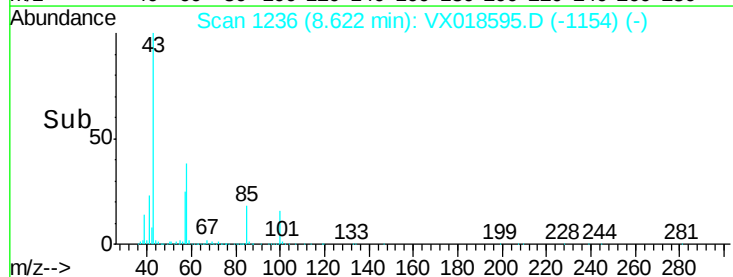
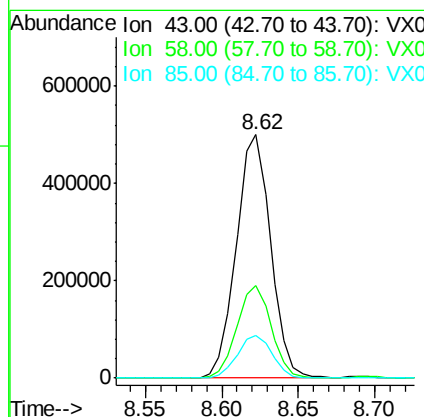
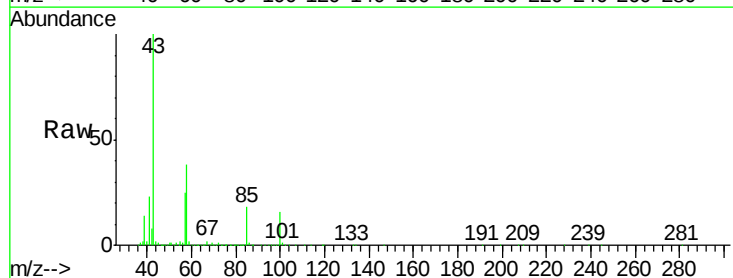
Manual Integrations  
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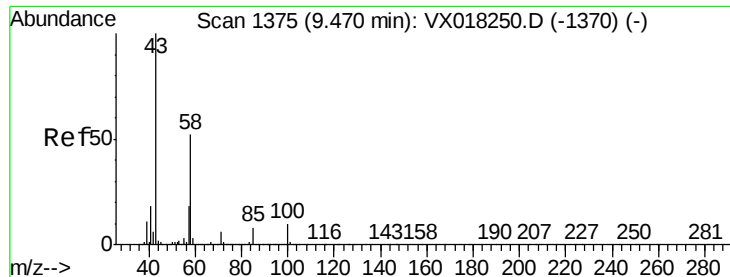
MMDadoda  
9/28/2020 12:50:07 PM



#58  
4-Methyl-2-Pentanone  
Concen: 108.488 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 776805 |       |       |
| 58      | 38.2  | 30.0   | 45.0  |       |
| 85      | 17.9  | 14.2   | 21.4  |       |





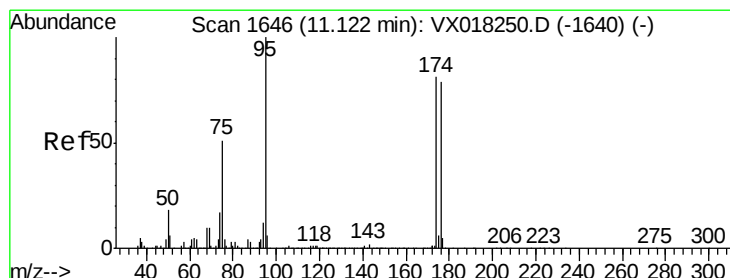
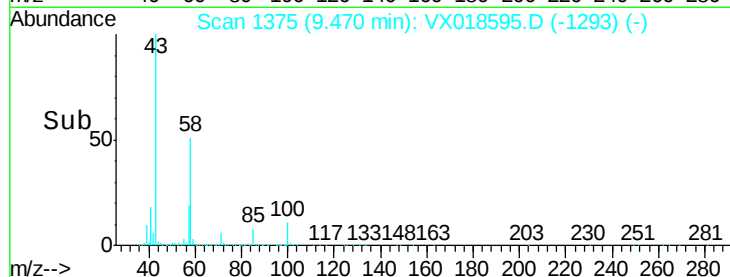
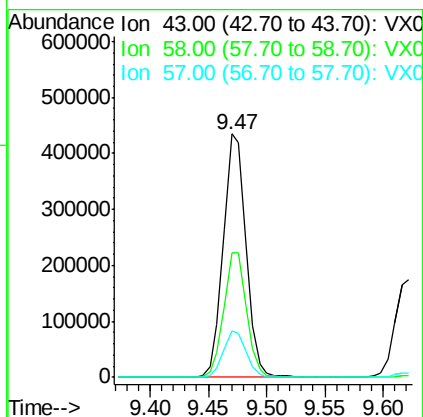
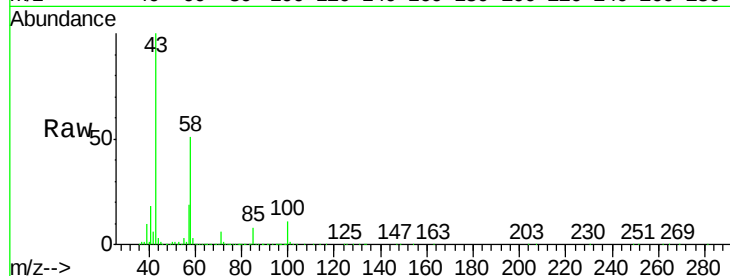
#59  
2-Hexanone  
Concen: 108.006 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 51.5  | 42.5  | 63.7  |
| 57      | 19.2  | 14.8  | 22.2  |

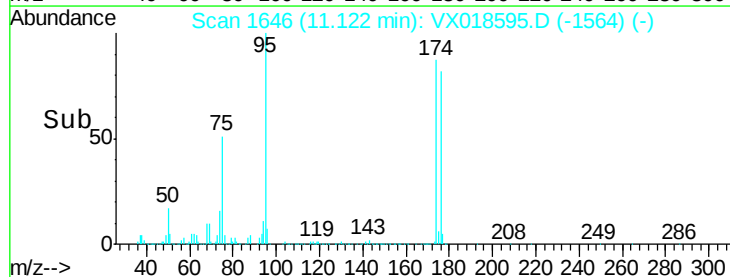
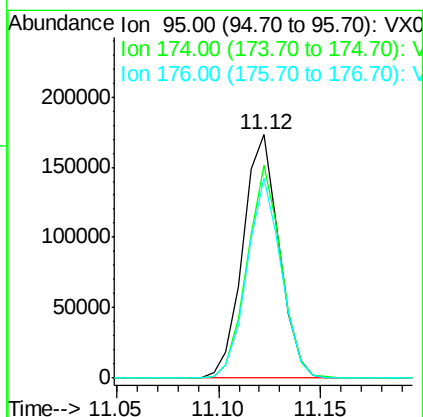
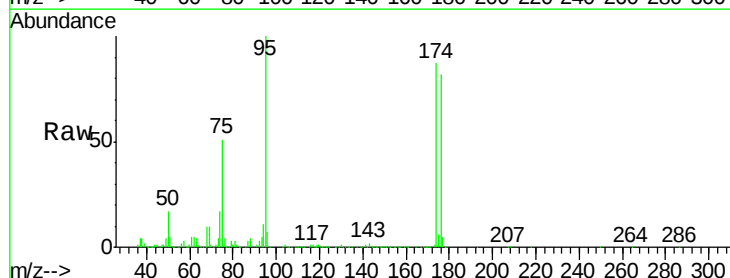
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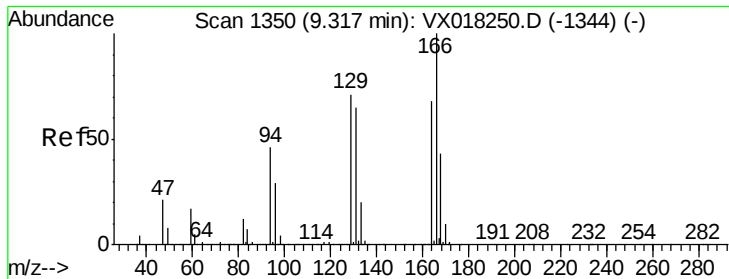
MMDadoda  
9/28/2020 12:50:07 PM



#60  
4-Bromofluorobenzene  
Concen: 29.567 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 82.8  | 64.2  | 96.4  |
| 176     | 77.7  | 62.2  | 93.4  |





#61

Tetrachloroethene

Concen: 19.962 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

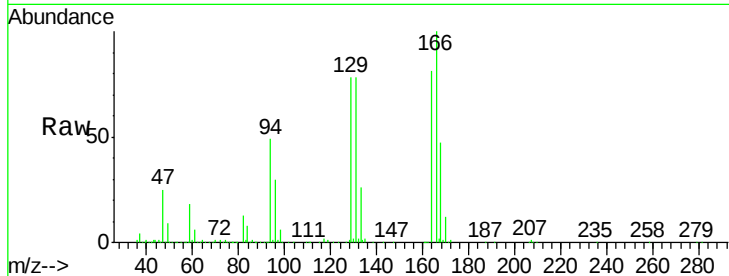
ClientSampleId :

VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 122.8 | 117.4 | 176.0 |
| 129     | 95.7  | 82.7  | 124.1 |
| 131     | 96.1  | 76.7  | 115.1 |

Manual Integrations  
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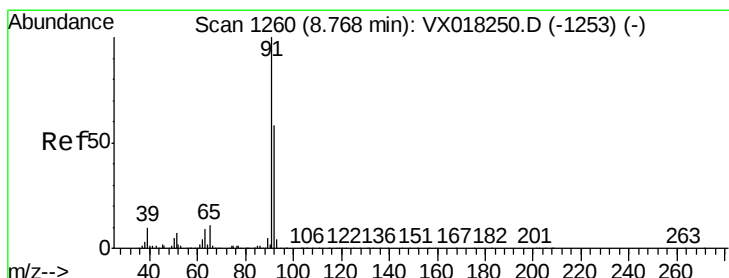
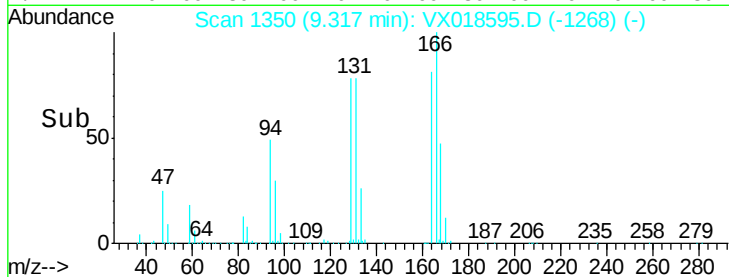
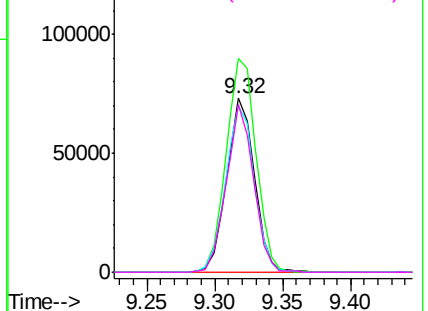


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.658 ug/l

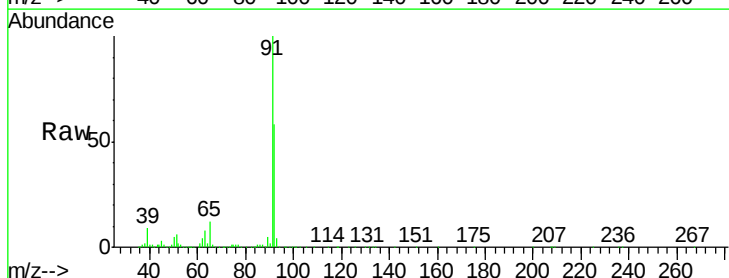
RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018595.D

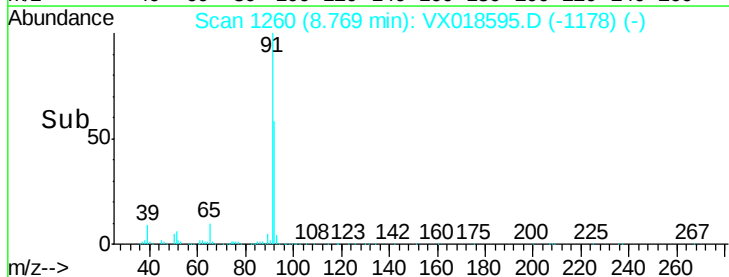
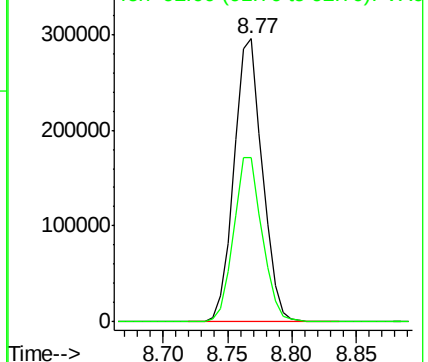
Acq: 25 Sep 2020 15:12

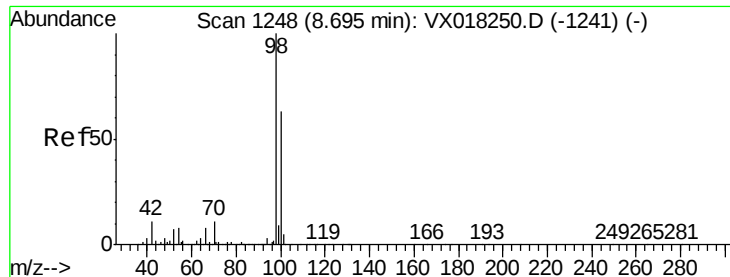
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 58.6  | 46.9  | 70.3  |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.542 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 98 Resp: 542064

Ion Ratio Lower Upper

98 100

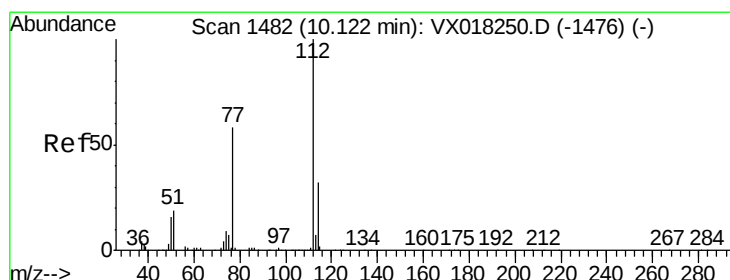
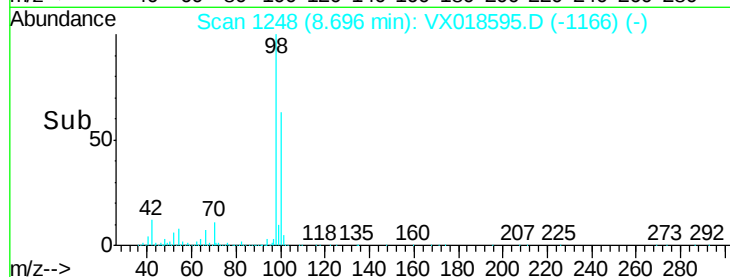
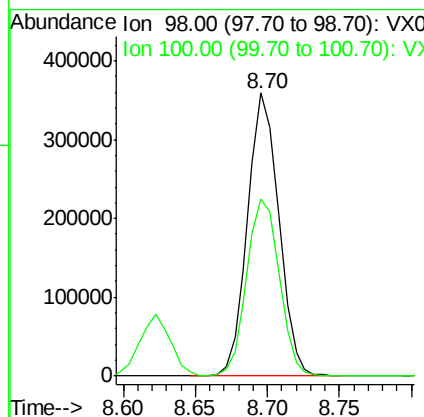
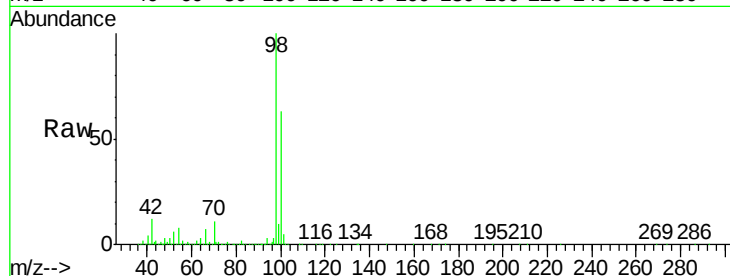
100 64.7 51.4 77.0

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#64

Chlorobenzene

Concen: 21.675 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018595.D

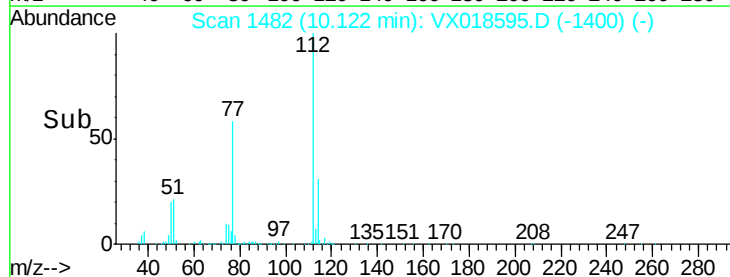
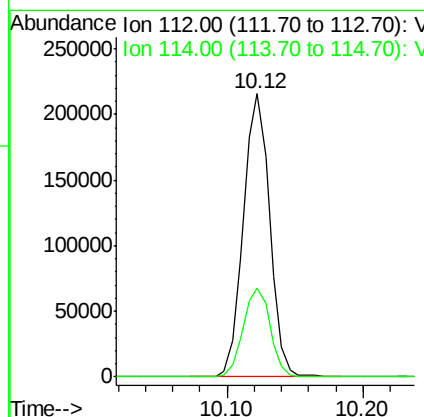
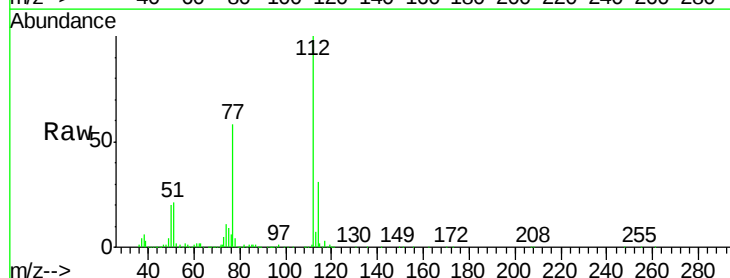
Acq: 25 Sep 2020 15:12

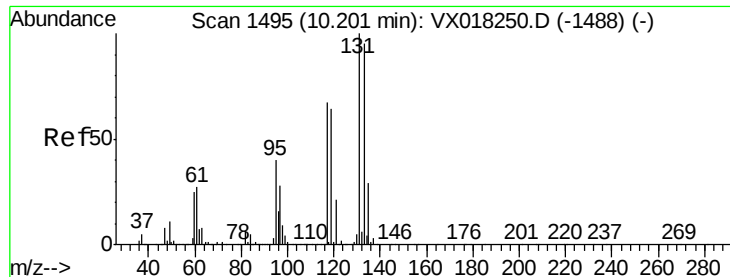
Tgt Ion: 112 Resp: 291826

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 22.430 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

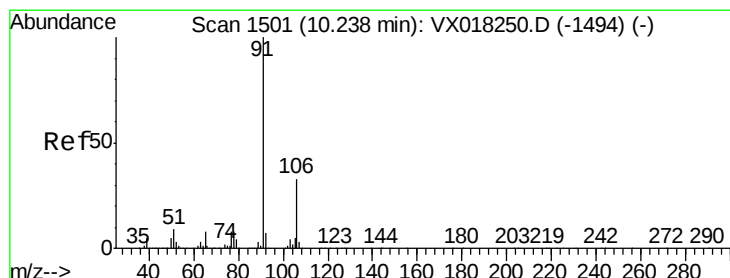
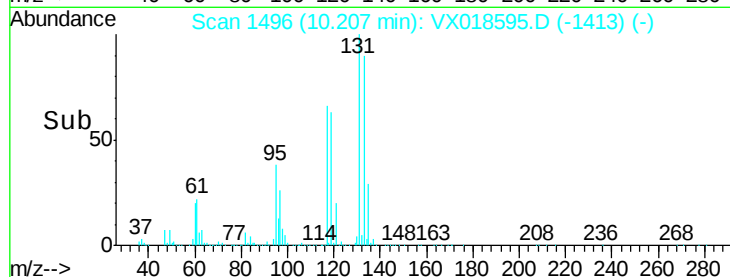
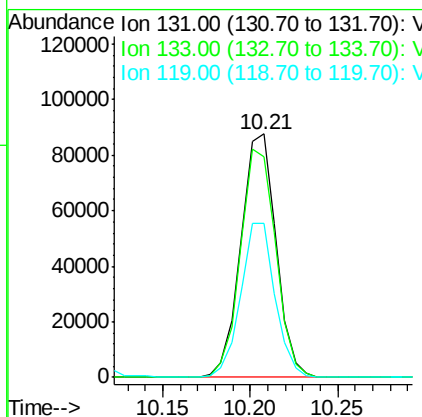
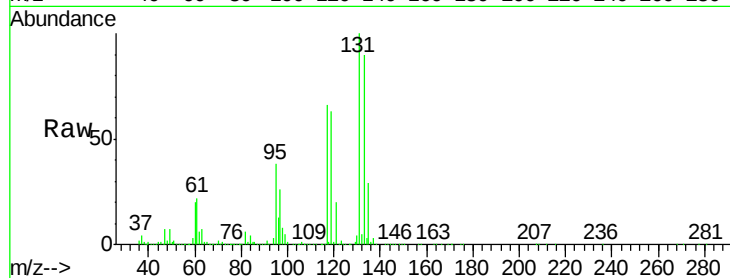
ClientSampleId :

VX0925WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 131   | Resp: | 122304 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 94.6  | 0.0   | 197.2  |
| 119       | 61.4  | 0.0   | 129.8  |

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#66

Ethyl Benzene

Concen: 21.455 ug/l

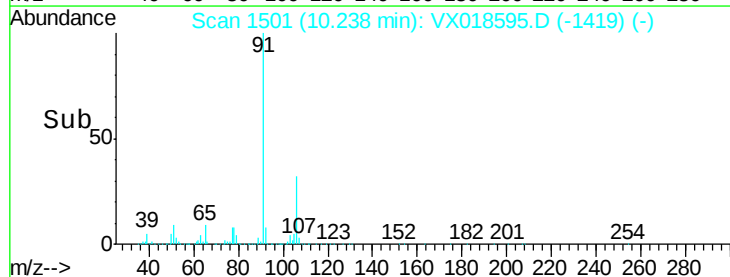
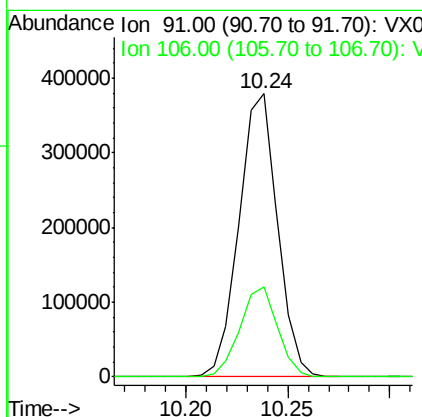
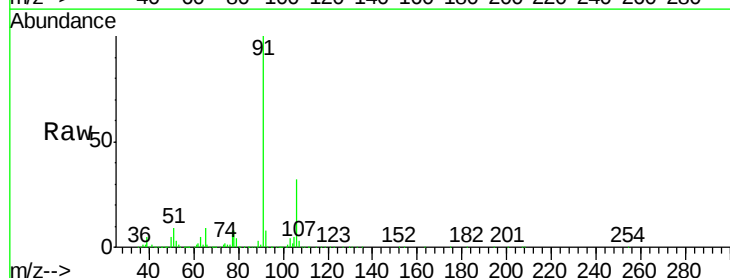
RT: 10.24 min Scan# 1501

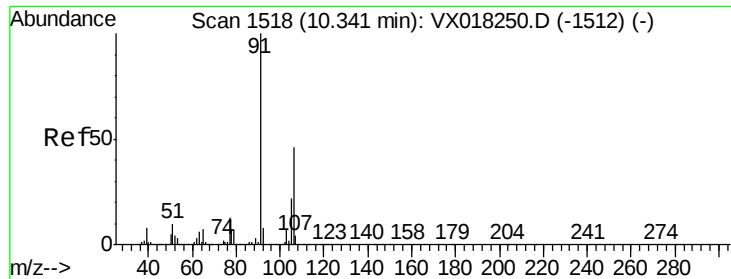
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 496692 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 31.9  | 26.3  | 39.5   |





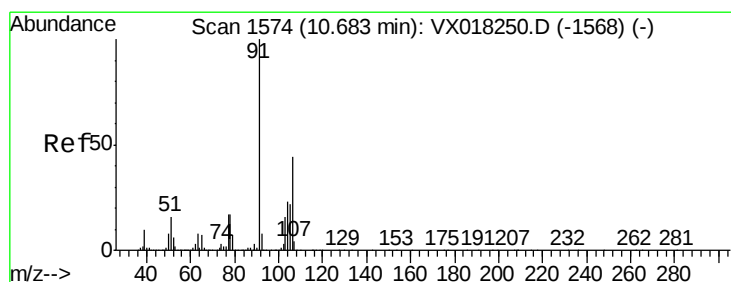
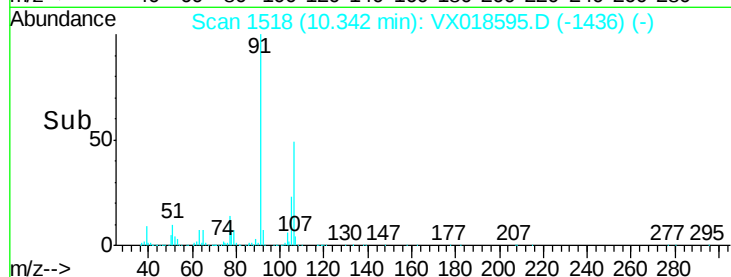
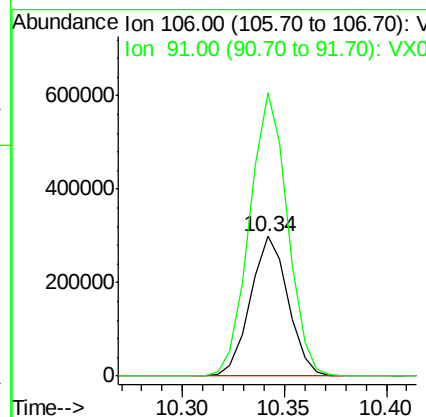
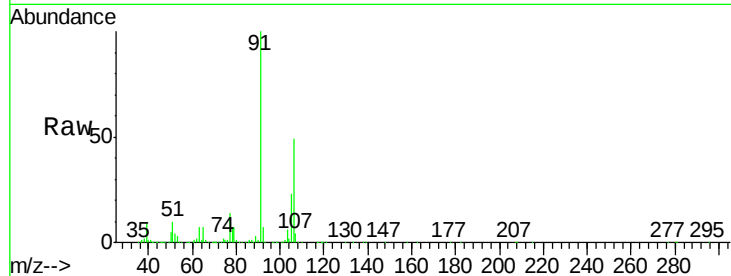
#67  
m/p-Xylenes  
Concen: 43.552 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 204.4 | 166.2 | 249.2 |

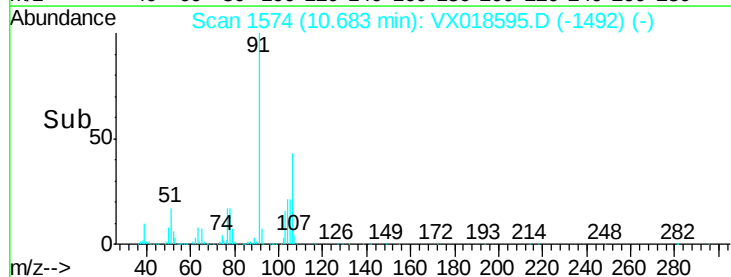
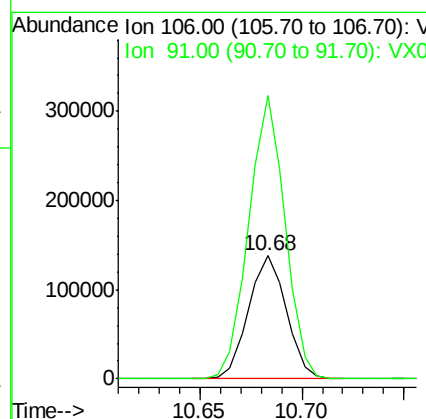
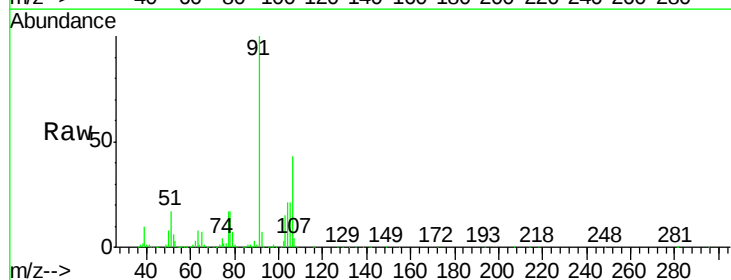
Manual Integrations  
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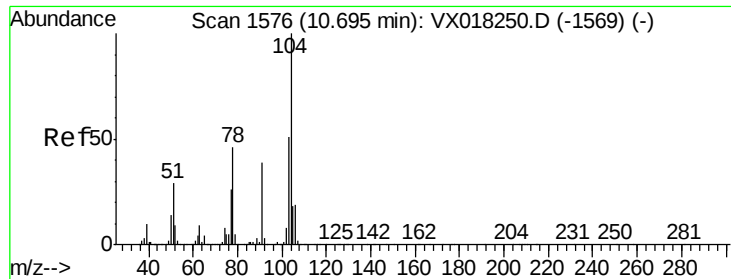
MMDadoda  
9/28/2020 12:50:07 PM



#68  
o-Xylene  
Concen: 21.341 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 220.2 | 109.2 | 327.6 |





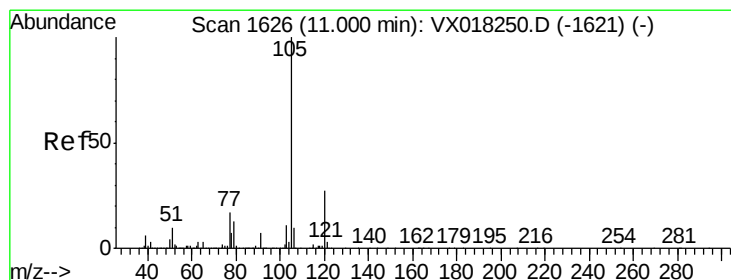
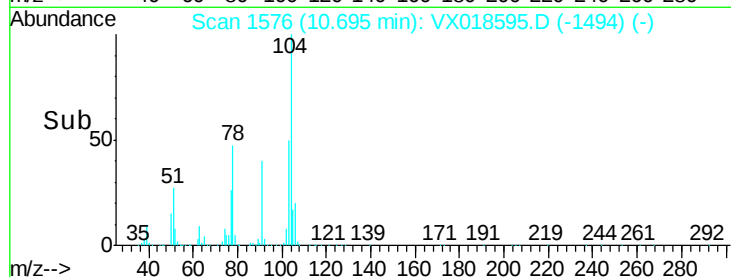
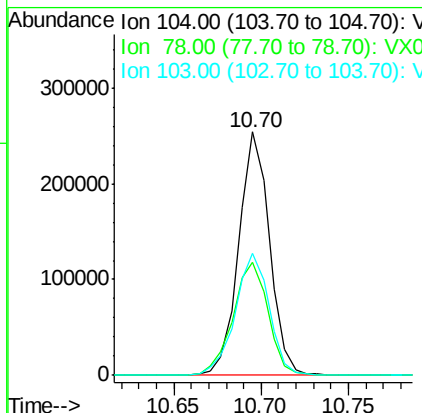
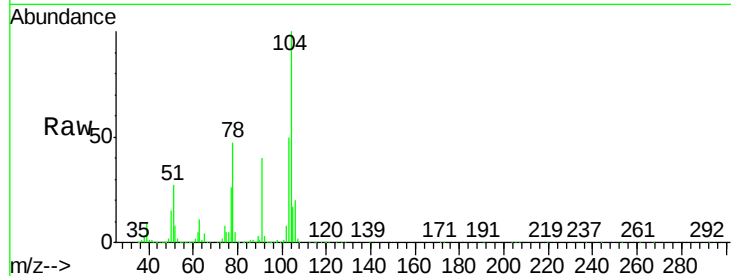
#69  
Stvrene  
Concen: 21.385 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.6  | 41.7  | 62.5  |
| 103     | 55.5  | 44.2  | 66.2  |

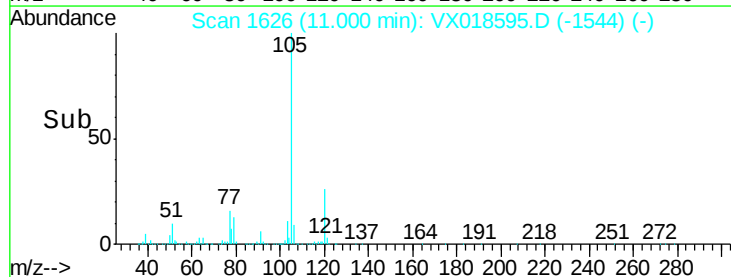
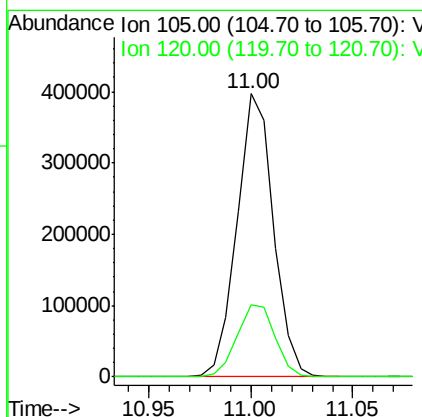
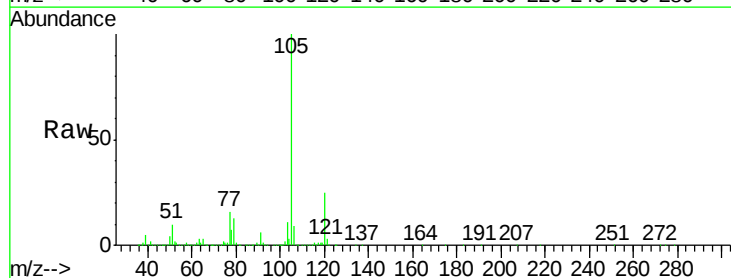
Manual Integrations  
APPROVED

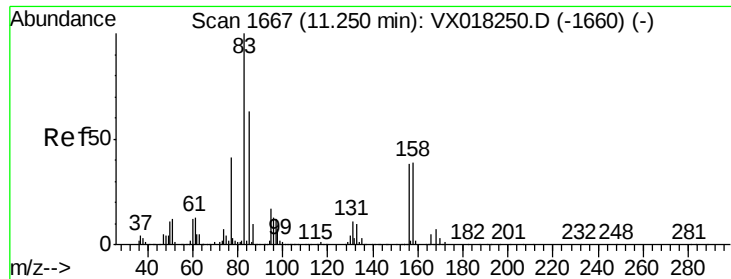
MMDadoda  
9/28/2020 12:50:07 PM



#70  
Isopropylbenzene  
Concen: 21.118 ug/l  
RT: 11.00 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.7  | 18.7  | 34.7  |





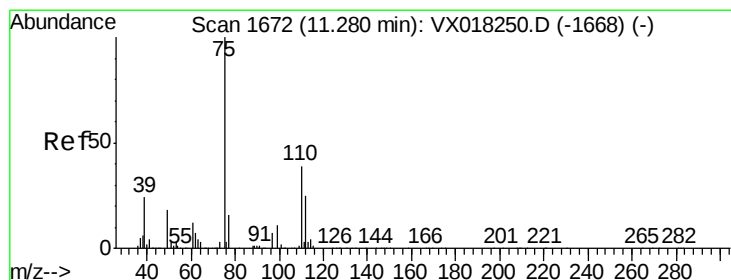
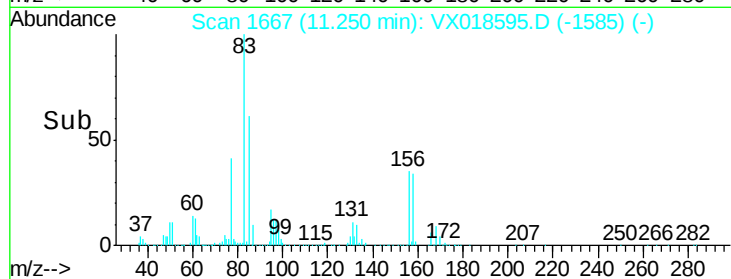
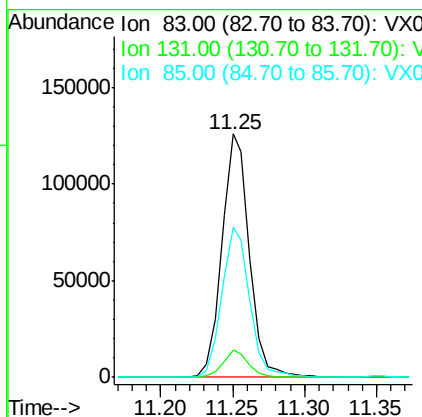
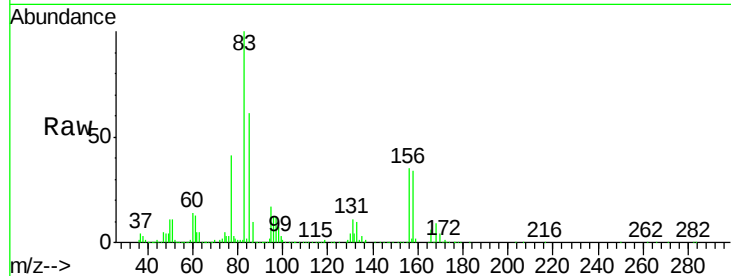
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 22.128 ug/l  
 RT: 11.25 min Scan# 1667  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 168219 |       |       |
| 131     | 10.6  |        | 5.8   | 17.3  |
| 85      | 62.8  |        | 31.3  | 93.9  |

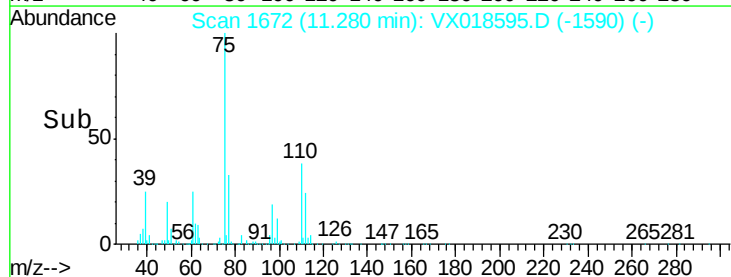
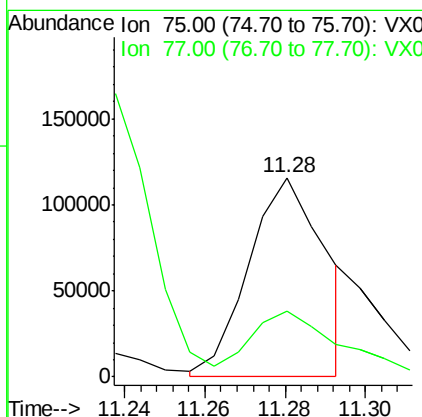
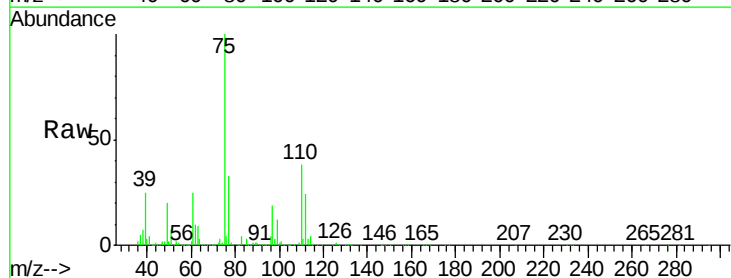
Manual Integrations  
 APPROVED

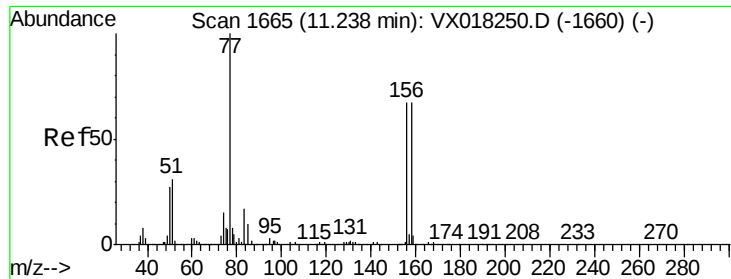
MMDadoda  
 9/28/2020 12:50:07 PM



#72  
 1,2,3-Trichloropropane  
 Concen: 21.016 ug/l m  
 RT: 11.28 min Scan# 1672  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 153499 |       |       |
| 77      | 36.6  |        | 0.0   | 74.8  |





#73

Bromobenzene

Concen: 20.454 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

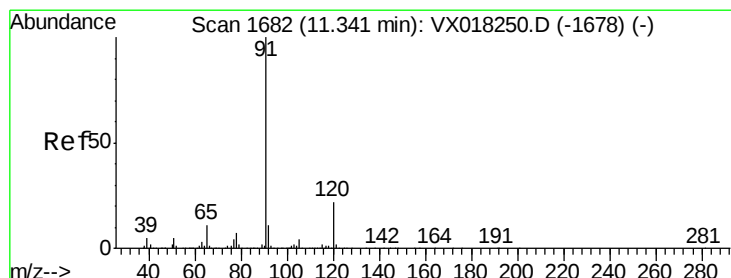
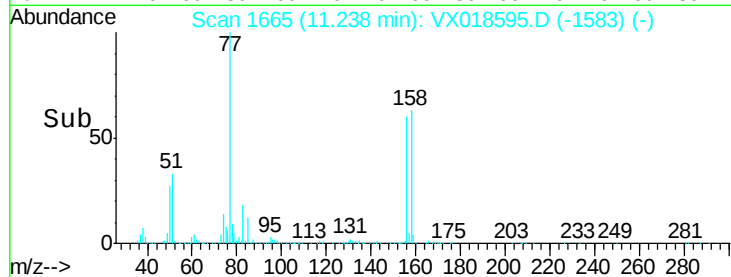
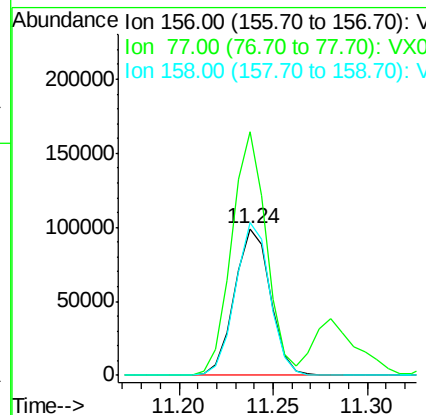
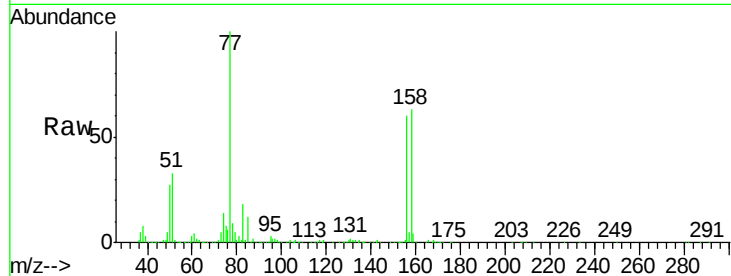
ClientSampleId :

VX0925WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 130357 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 160.8 | 0.0   | 311.0  |
| 158       | 100.2 | 0.0   | 194.4  |

Manual Integrations  
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#74

n-propylbenzene

Concen: 20.792 ug/l

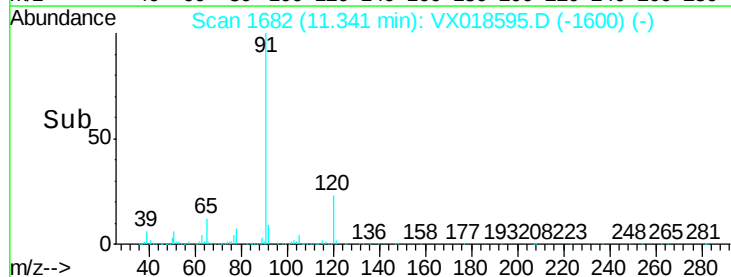
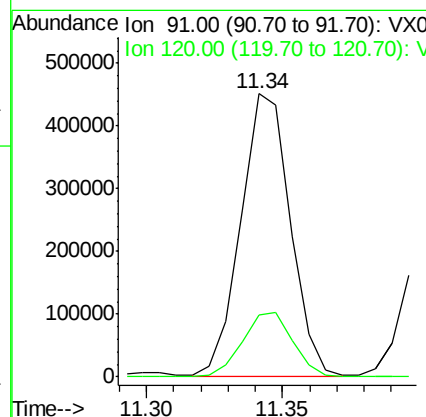
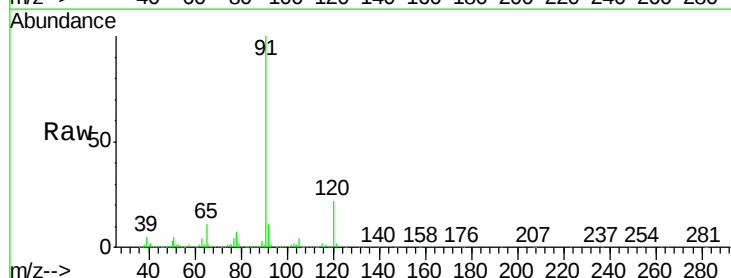
RT: 11.34 min Scan# 1682

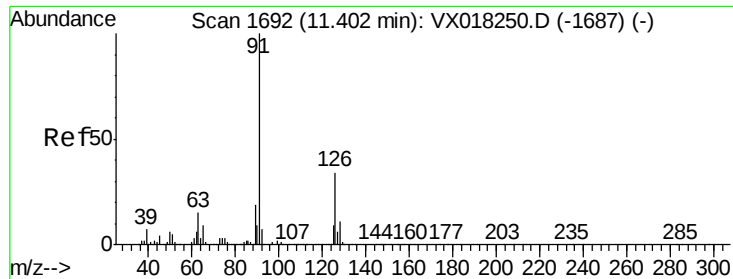
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 569528 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.1  | 0.0   | 45.4   |





#75

2-Chlorotoluene

Concen: 20.846 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

ClientSampleId :

VX0925WBSD01

Tot Ion: 91 Resp: 346086

Ion Ratio Lower Upper

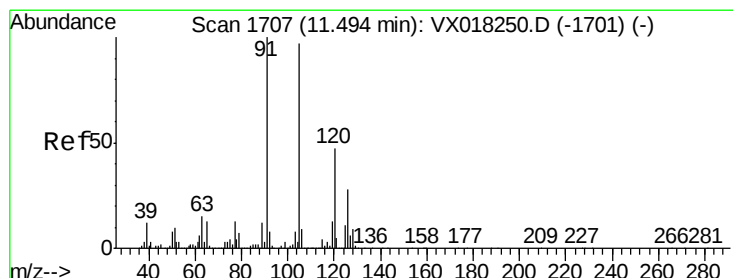
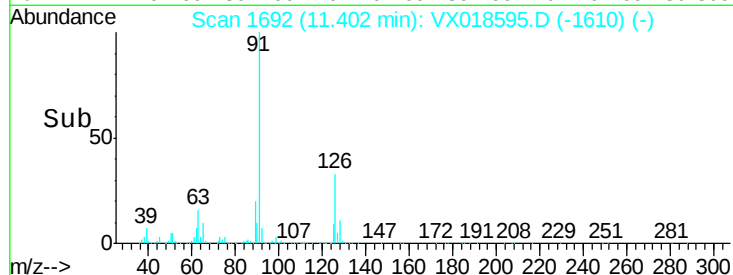
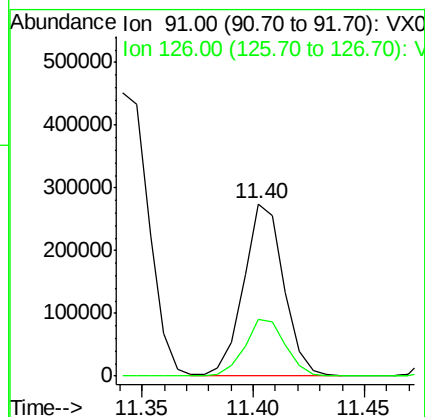
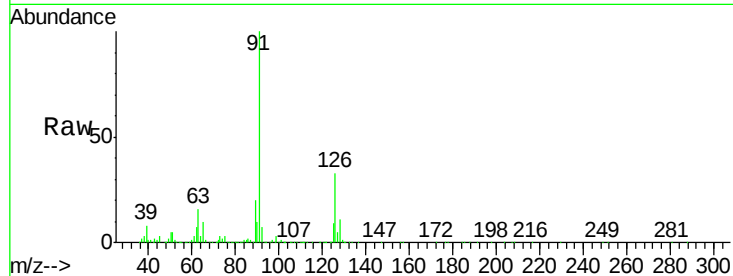
91 100

126 33.5 0.0 68.4

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#76

1,3,5-Trimethylbenzene

Concen: 20.510 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018595.D

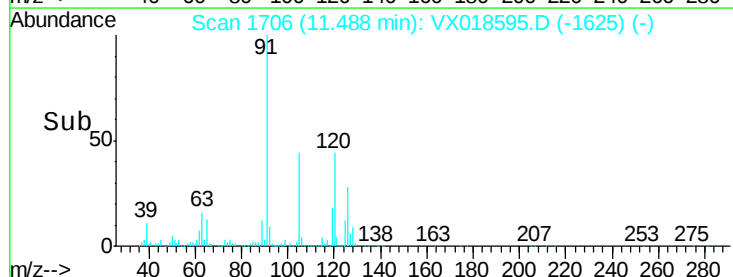
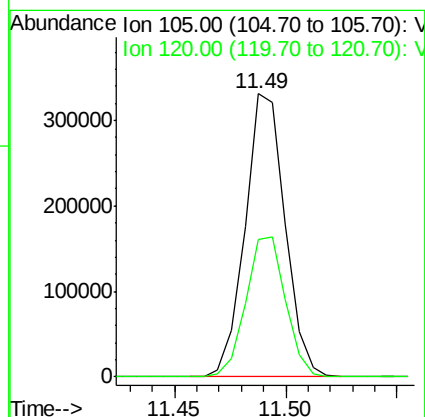
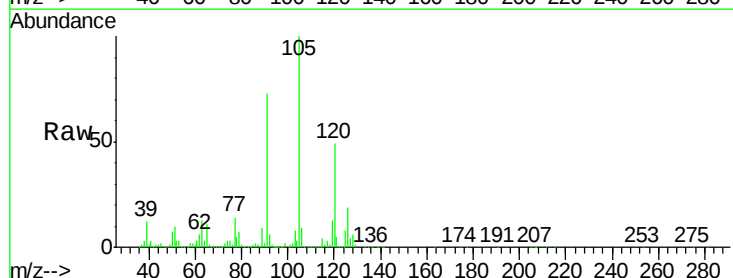
Acq: 25 Sep 2020 15:12

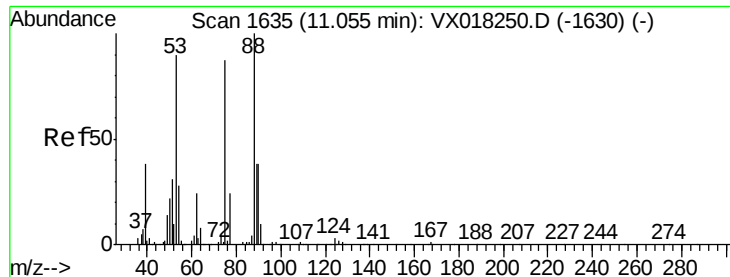
Tgt Ion: 105 Resp: 415669

Ion Ratio Lower Upper

105 100

120 49.1 0.0 95.0





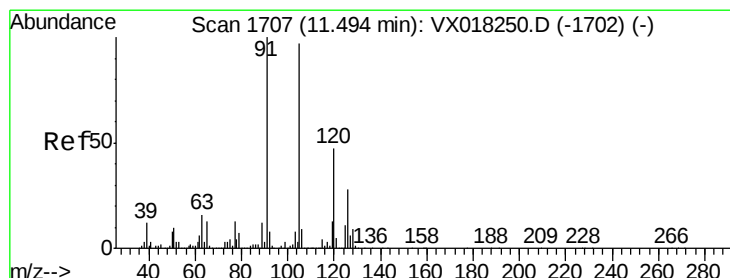
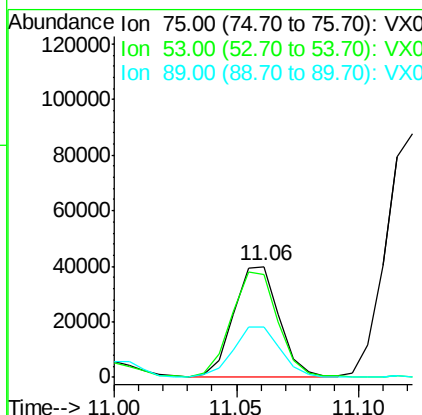
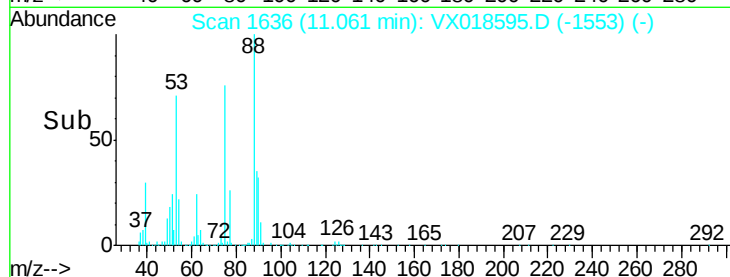
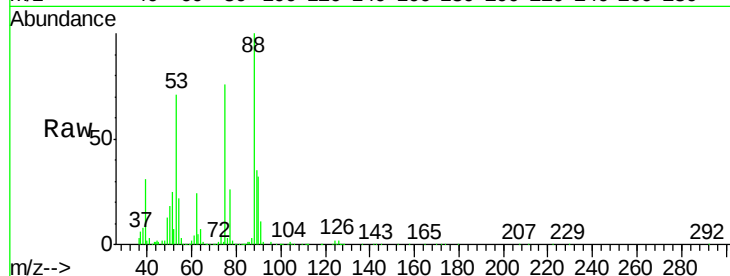
#77  
t-1,4-Dichloro-2-butene  
Concen: 18.180 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 93.9  | 52.1  | 156.4 |
| 89      | 45.2  | 22.1  | 66.3  |

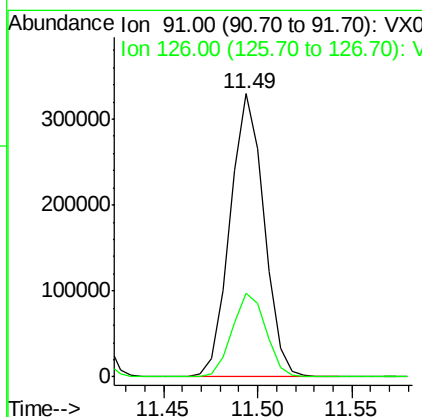
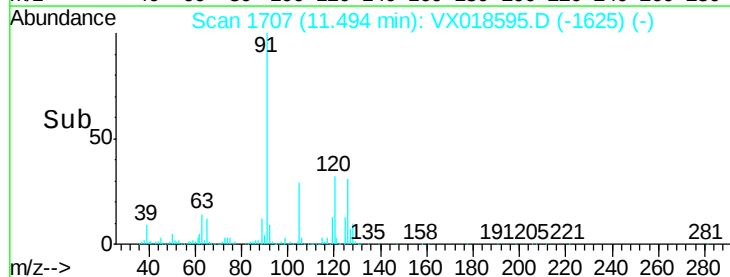
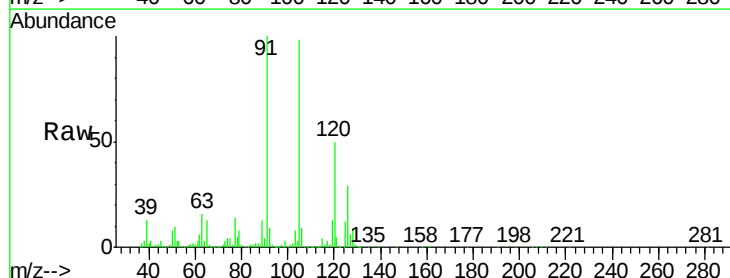
Manual Integrations  
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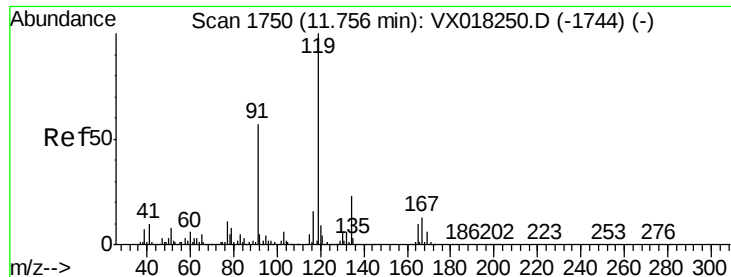
MMDadoda  
9/28/2020 12:50:07 PM



#78  
4-Chlorotoluene  
Concen: 20.784 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.5  | 0.0   | 59.2  |





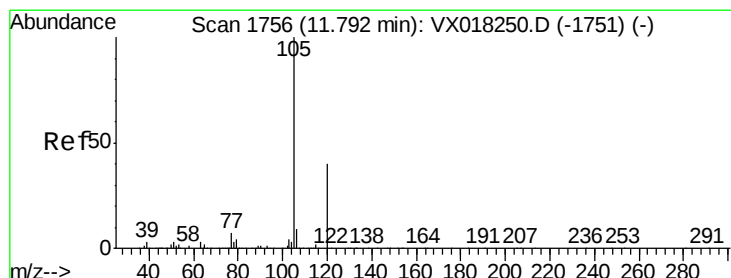
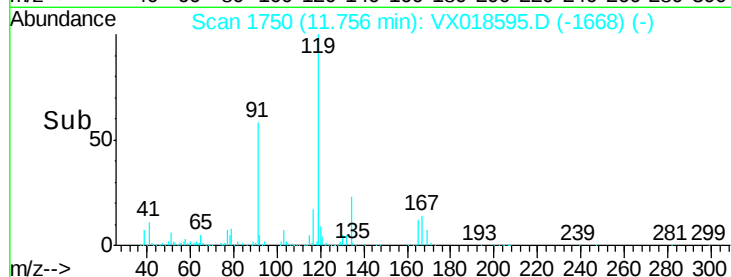
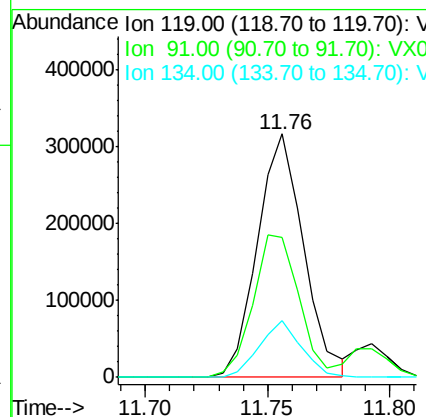
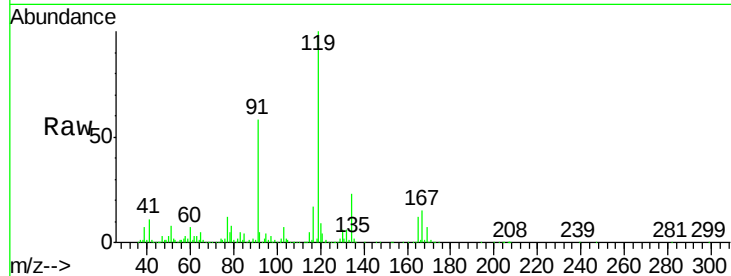
#79  
tert-butylbenzene  
Concen: 21.279 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 415411 |       |       |
| 91      | 57.9  | 0.0    | 111.8 |       |
| 134     | 21.3  | 0.0    | 42.4  |       |

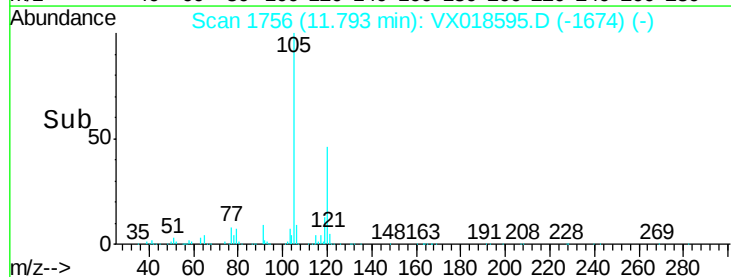
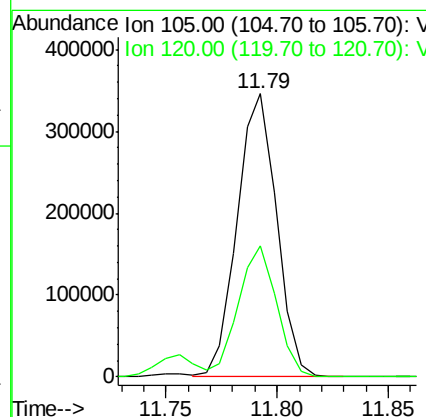
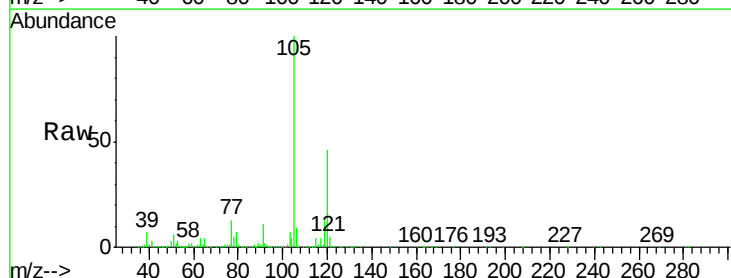
Manual Integrations  
APPROVED

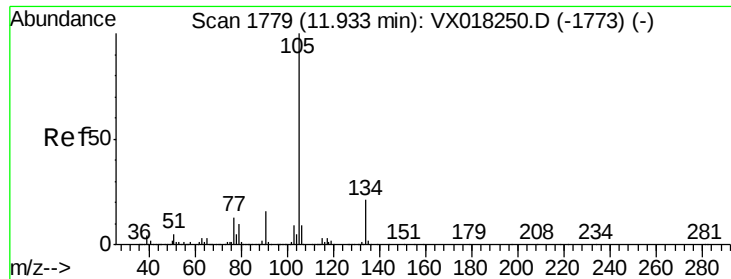
MMDadoda  
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#80  
1,2,4-Trimethylbenzene  
Concen: 21.375 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 428443 |       |       |
| 120     | 44.5  | 0.0    | 89.2  |       |





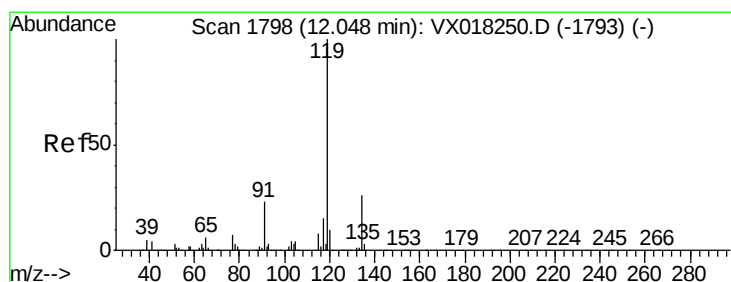
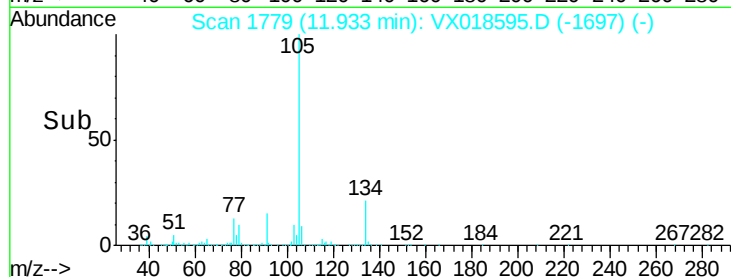
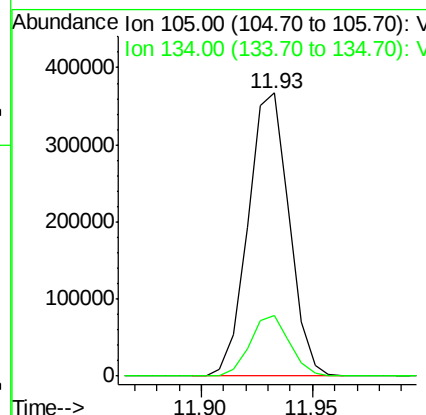
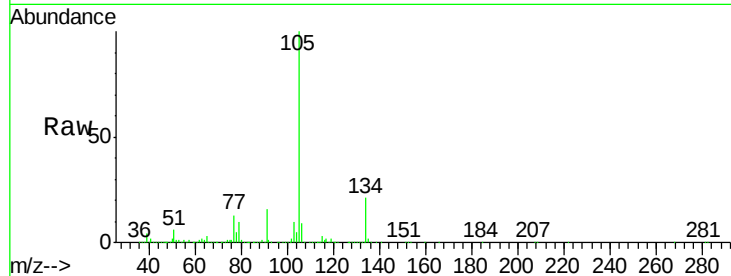
#81  
 sec-Butylbenzene  
 Concen: 20.733 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 472785 |       |       |
| 134     | 20.7  | 0.0    | 40.0  |       |

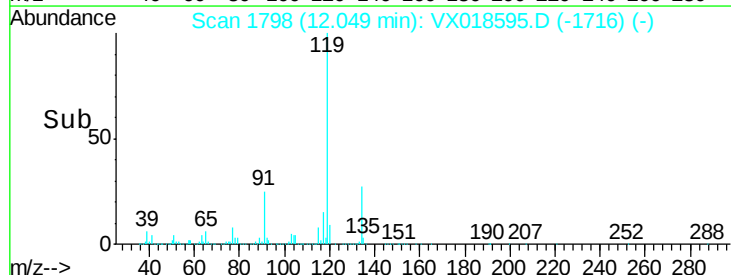
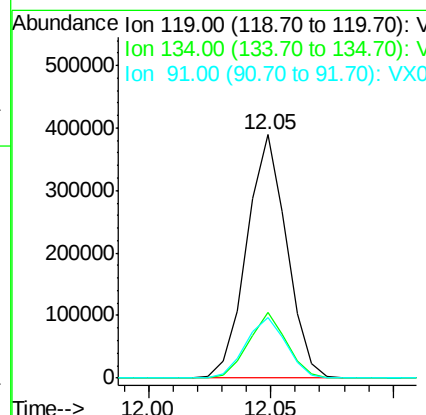
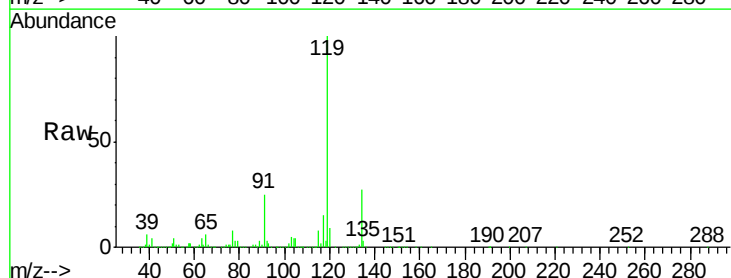
Manual Integrations  
 APPROVED

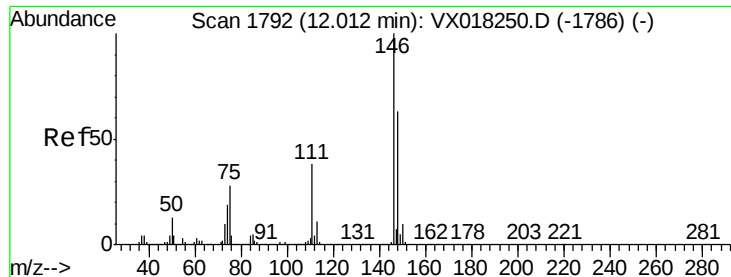
MMDadoda  
 9/28/2020 12:50:07 PM



#82  
 p-Isopropyltoluene  
 Concen: 20.692 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 439932 |       |       |
| 134     | 26.0  | 0.0    | 53.0  |       |
| 91      | 25.3  | 0.0    | 49.8  |       |





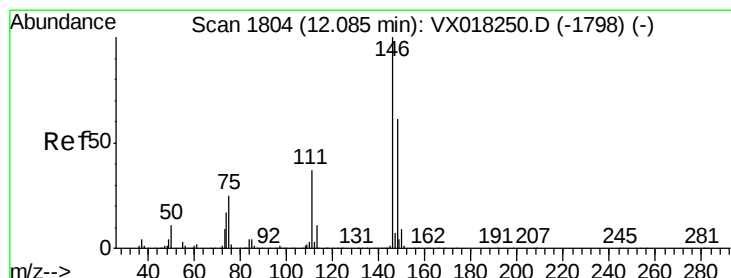
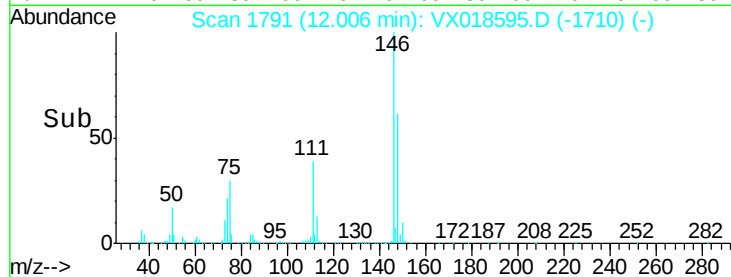
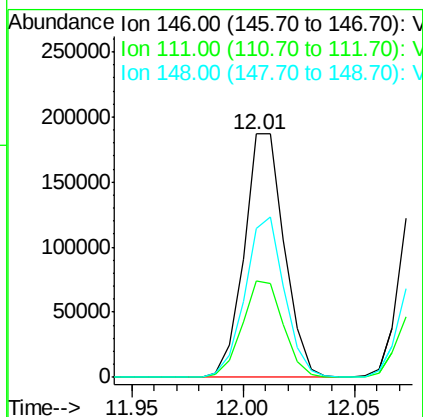
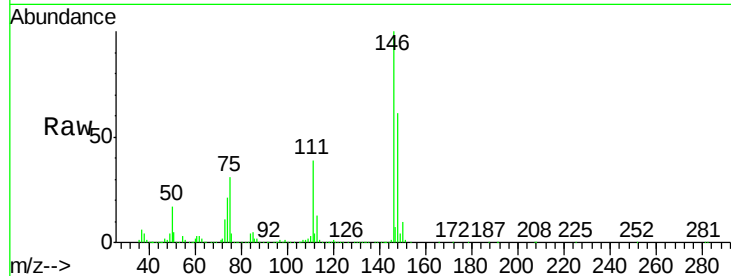
#83  
 1,3-Dichlorobenzene  
 Concen: 20.696 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.01 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 235829 |       |       |
| 111     | 40.3  | 20.0   | 59.9  |       |
| 148     | 64.5  | 32.1   | 96.3  |       |

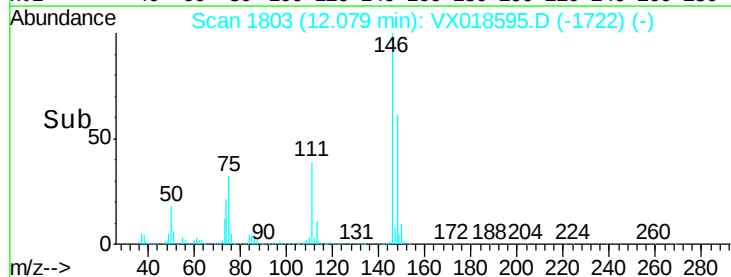
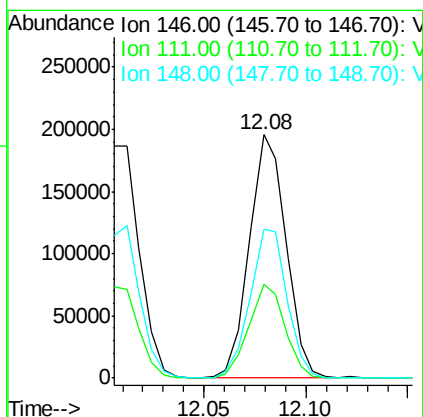
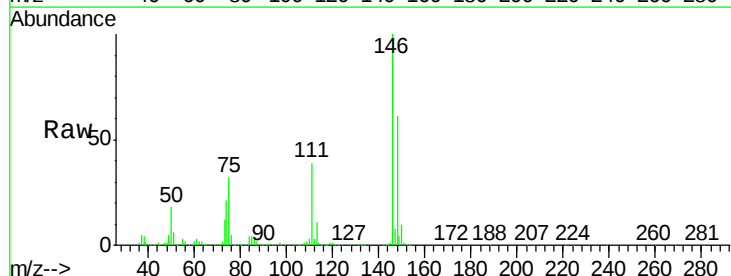
Manual Integrations  
 APPROVED

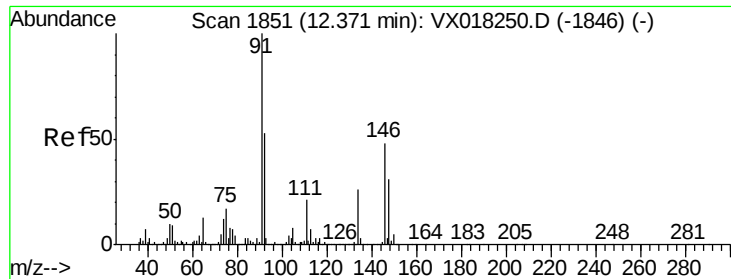
MMDadoda  
 9/28/2020 12:50:07 PM



#84  
 1,4-Dichlorobenzene  
 Concen: 21.548 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 245509 |       |       |
| 111     | 38.3  | 19.3   | 57.8  |       |
| 148     | 62.1  | 31.7   | 95.1  |       |





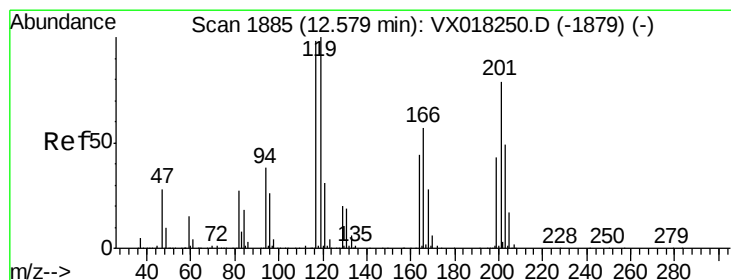
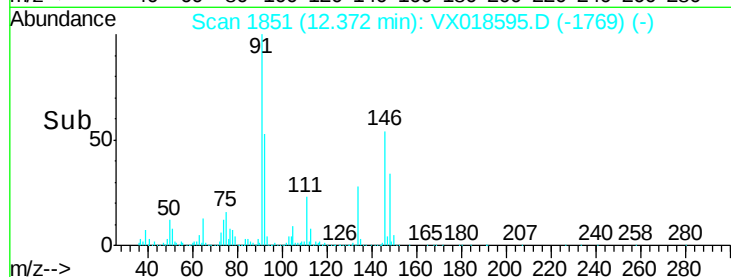
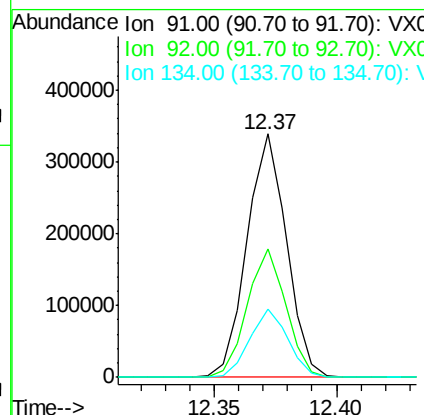
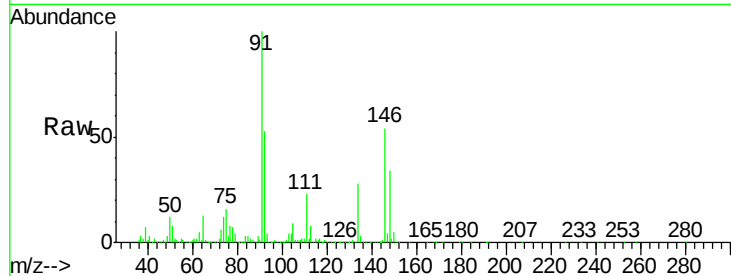
#85  
n-Butylbenzene  
Concen: 20.428 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 382389 |       |       |
| 92      | 51.5  | 0.0    | 105.0 |       |
| 134     | 27.3  | 0.0    | 51.0  |       |

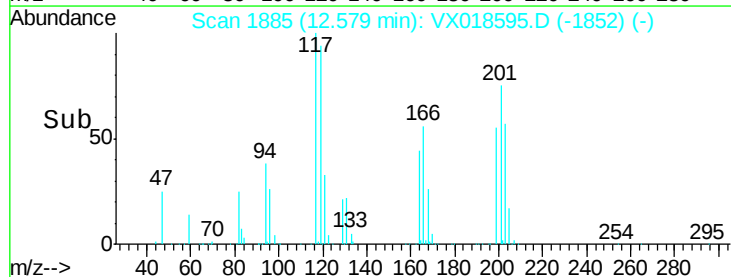
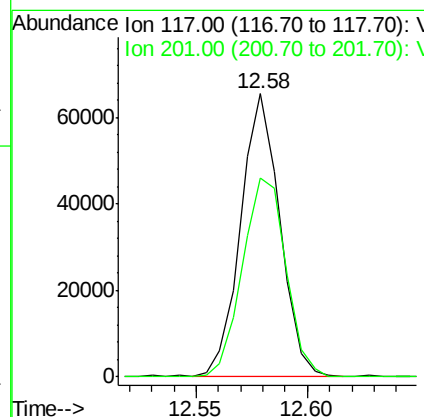
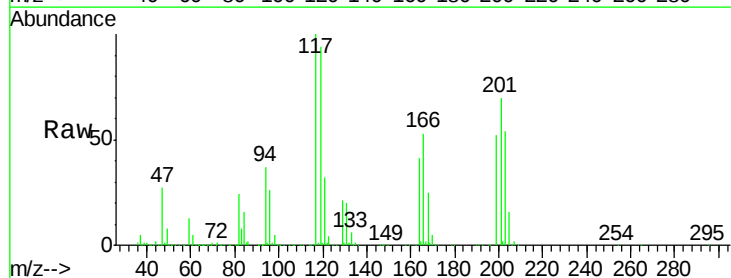
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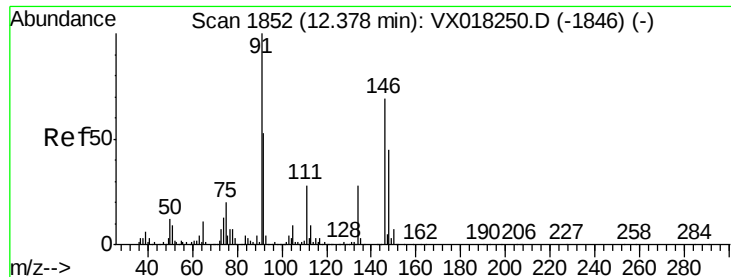
MMDadoda  
9/28/2020 12:50:07 PM



#86  
Hexachloroethane  
Concen: 19.259 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 80620 |       |       |
| 201     | 77.8  | 39.6  | 118.8 |       |





#87

1,2-Dichlorobenzene

Concen: 22.129 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

Instrument :

MSVOA\_X

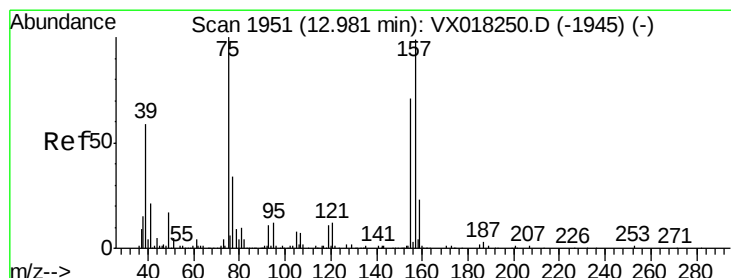
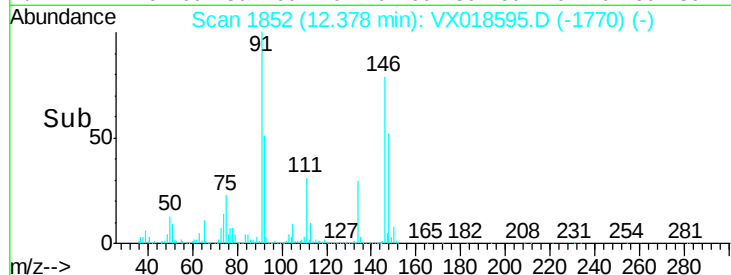
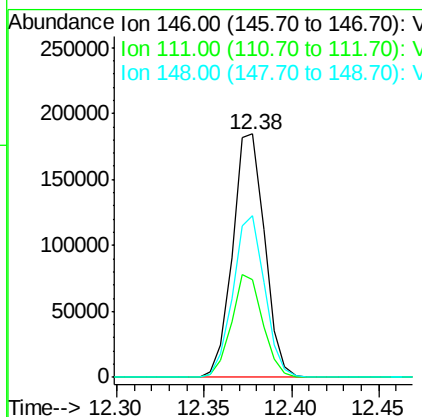
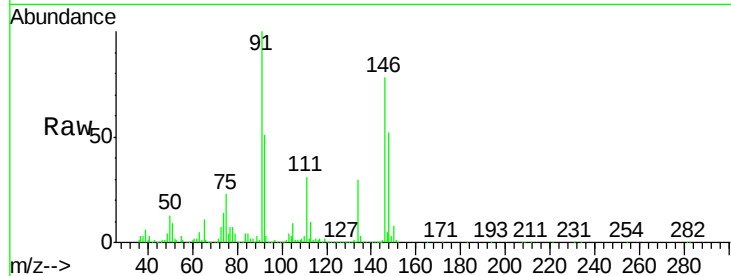
ClientSampleId :

VX0925WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 236125 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.2  | 21.4  | 64.3   |
| 148       | 65.6  | 32.0  | 96.2   |

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#88

1,2-Dibromo-3-Chloropropane

Concen: 20.706 ug/l

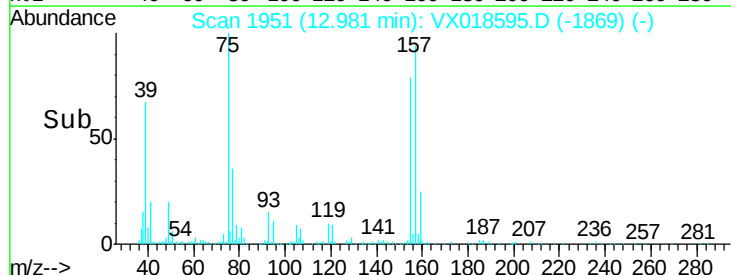
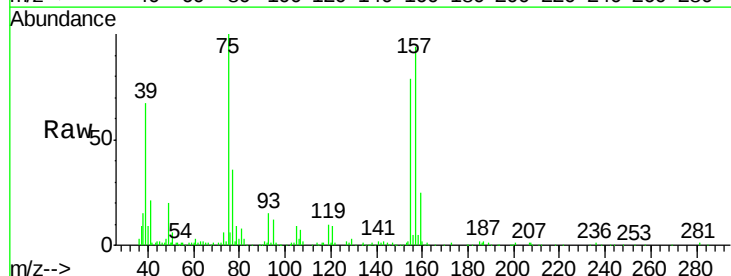
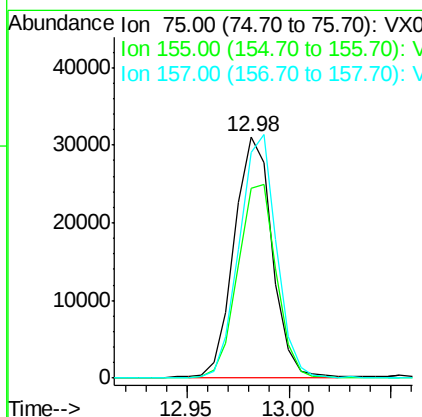
RT: 12.98 min Scan# 1951

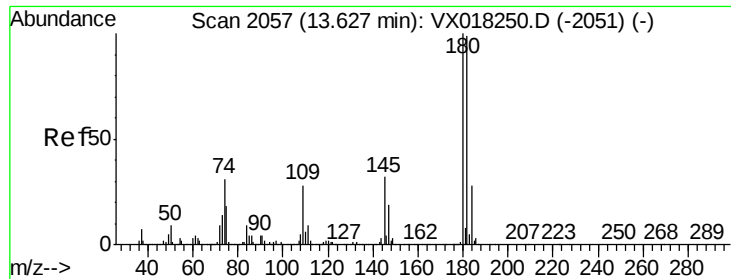
Delta R.T. 0.00 min

Lab File: VX018595.D

Acq: 25 Sep 2020 15:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 40268 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 81.6  | 63.4  | 95.2  |
| 157       | 99.0  | 87.0  | 130.6 |





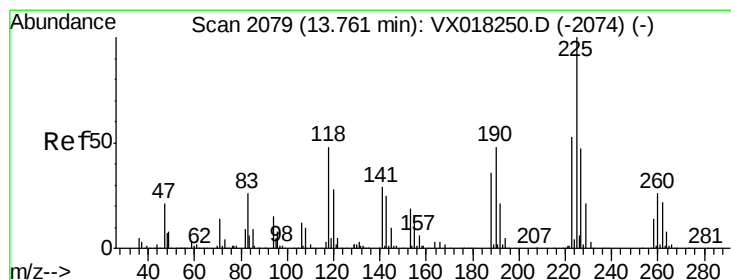
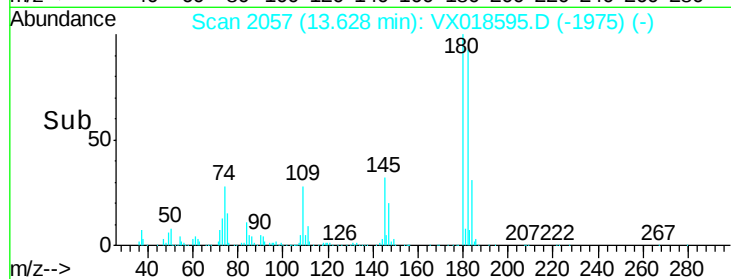
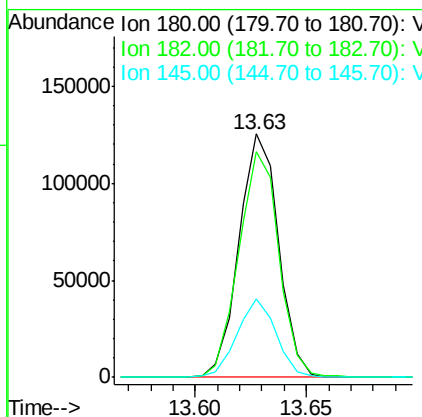
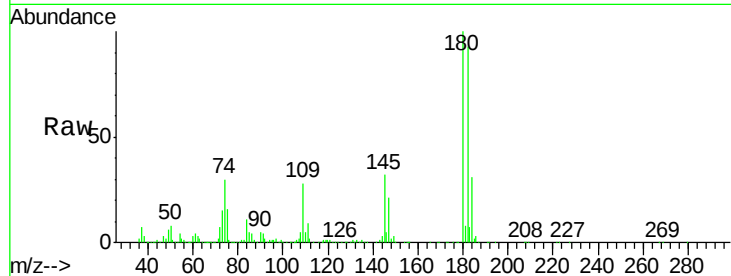
#89  
 1,2,4-Trichlorobenzene  
 Concen: 21.523 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 155374 |       |       |
| 182     | 94.4  | 77.1   | 115.7 |       |
| 145     | 31.9  | 25.0   | 37.6  |       |

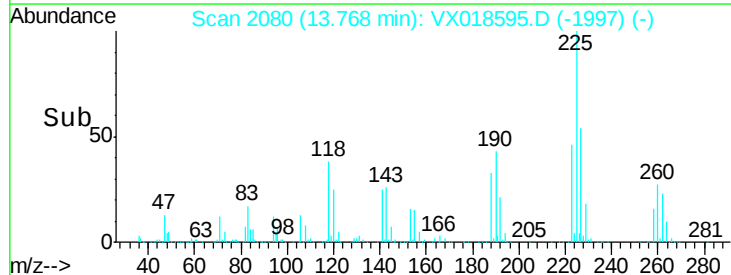
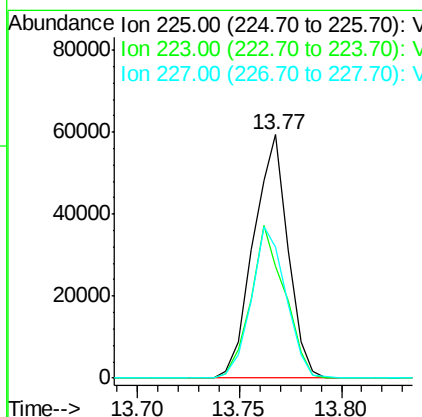
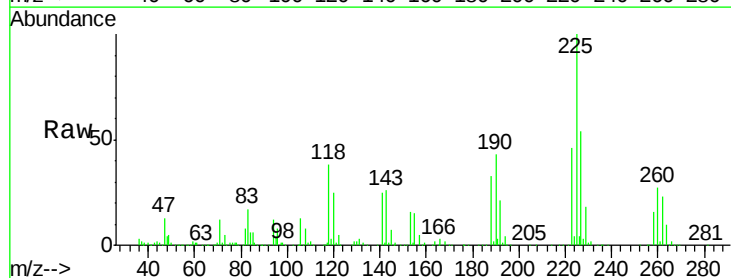
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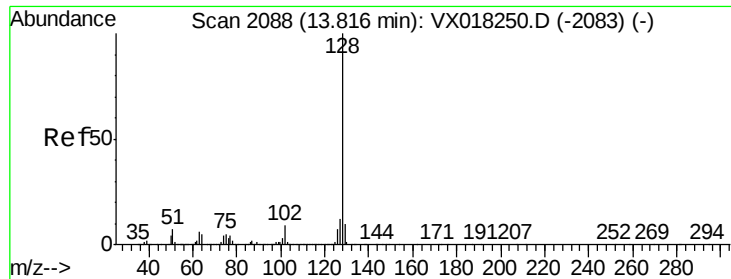
MMDadoda  
 9/28/2020 12:50:07 PM



#90  
 Hexachlorobutadiene  
 Concen: 22.980 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.01 min  
 Lab File: VX018595.D  
 Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 70171 |       |       |
| 223     | 61.4  | 0.0   | 115.8 |       |
| 227     | 62.2  | 0.0   | 117.0 |       |





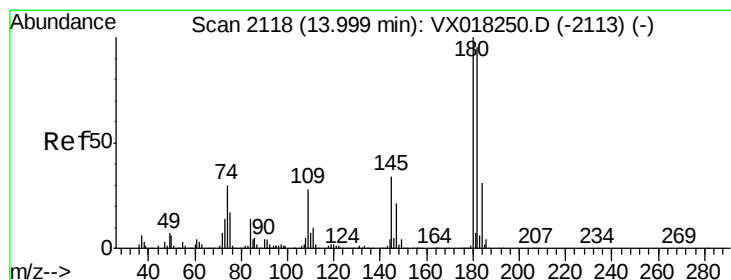
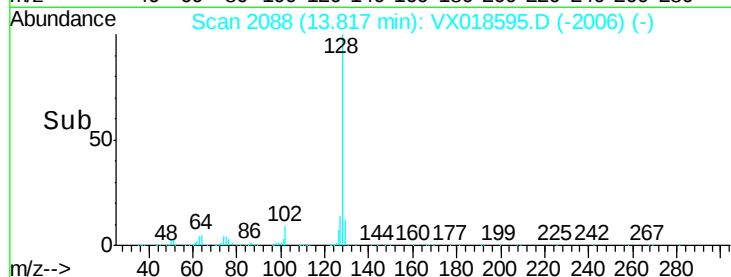
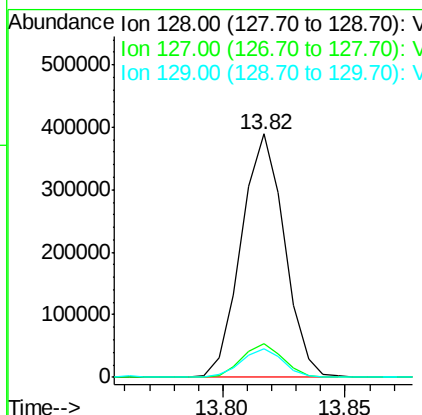
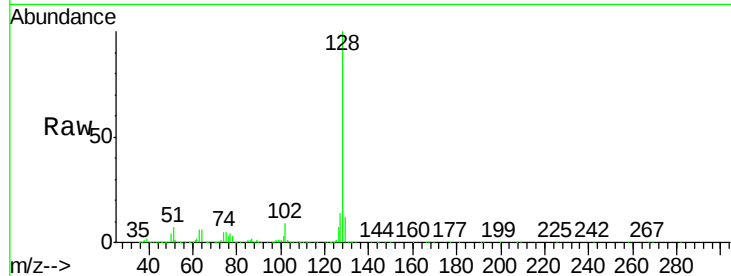
#91  
Naphthalene  
Concen: 21.188 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 477356 |       |       |
| 127     | 13.1  | 10.2   | 15.4  |       |
| 129     | 11.4  | 8.7    | 13.1  |       |

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#92  
1,2,3-Trichlorobenzene  
Concen: 20.513 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.01 min  
Lab File: VX018595.D  
Acq: 25 Sep 2020 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 146495 |       |       |
| 182     | 97.3  | 0.0    | 191.6 |       |
| 145     | 34.2  | 0.0    | 67.4  |       |

