

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051519\  
 Data File : VX009569.D  
 Acq On : 15 May 2019 10:30  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 5/16/2019 12:32:23 PM

Quant Time: May 16 01:19:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 163446   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 252086   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 228976   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 119377   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 108292   | 48.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.06%  |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 81003    | 51.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.24% |      |
| 50) Toluene-d8            | 8.71   | 98  | 324840   | 50.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.54% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 123132   | 52.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.94% |      |

## Target Compounds

|                               |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 63316   | 42.038  | ug/l 99  |
| 3) Chloromethane              | 1.32 | 50  | 91814   | 44.650  | ug/l 99  |
| 4) Vinyl Chloride             | 1.41 | 62  | 90380   | 45.073  | ug/l 97  |
| 5) Bromomethane               | 1.64 | 94  | 53275   | 44.266  | ug/l 97  |
| 6) Chloroethane               | 1.71 | 64  | 58376   | 45.344  | ug/l 99  |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 116072  | 47.621  | ug/l 100 |
| 8) Diethyl Ether              | 2.19 | 74  | 53076   | 45.971  | ug/l 98  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 72346   | 47.266  | ug/l 98  |
| 10) Methyl Iodide             | 2.51 | 142 | 84994   | 47.995  | ug/l 99  |
| 11) Tert butyl alcohol        | 3.04 | 59  | 102696  | 198.840 | ug/l 100 |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 71714   | 46.762  | ug/l 96  |
| 13) Acrolein                  | 2.29 | 56  | 98066   | 209.661 | ug/l 100 |
| 14) Allyl chloride            | 2.73 | 41  | 171247  | 45.820  | ug/l 99  |
| 15) Acrylonitrile             | 3.14 | 53  | 279070  | 220.989 | ug/l 100 |
| 16) Acetone                   | 2.44 | 43  | 297313  | 248.157 | ug/l 98  |
| 17) Carbon Disulfide          | 2.57 | 76  | 198358  | 46.069  | ug/l 99  |
| 18) Methyl Acetate            | 2.77 | 43  | 122520  | 43.000  | ug/l 100 |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 276149  | 46.370  | ug/l 100 |
| 20) Methylene Chloride        | 2.85 | 84  | 86139   | 44.405  | ug/l 97  |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 78150   | 46.988  | ug/l 96  |
| 22) Diisopropyl ether         | 3.85 | 45  | 338503  | 47.097  | ug/l 92  |
| 23) Vinyl Acetate             | 3.81 | 43  | 1483148 | 240.979 | ug/l 100 |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 162771  | 45.907  | ug/l 99  |
| 25) 2-Butanone                | 4.67 | 43  | 430936  | 231.464 | ug/l 99  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 122858  | 46.552  | ug/l 99  |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 93019   | 46.856  | ug/l 99  |
| 28) Bromochloromethane        | 5.01 | 49  | 65528   | 45.674  | ug/l 98  |
| 29) Tetrahydrofuran           | 5.12 | 42  | 266520  | 222.461 | ug/l 100 |
| 30) Chloroform                | 5.21 | 83  | 152175  | 47.454  | ug/l 98  |
| 31) Cyclohexane               | 5.57 | 56  | 158615  | 48.083  | ug/l 95  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 124301  | 46.563  | ug/l 99  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 116076  | 49.549  | ug/l 100 |
| 37) Ethyl Acetate             | 4.83 | 43  | 155637  | 47.682  | ug/l 99  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 106584  | 50.076  | ug/l 100 |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 5/16/2019 12:32:23 PM

Quant Time: May 16 01:19:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 146624   | 50.964  | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 354207   | 48.855  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 89655    | 46.143  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 127719   | 49.109  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.44  | 43   | 248458   | 47.588  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 86025    | 49.080  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 100927   | 49.162  | ug/l   | 96       |
| 46) Dibromomethane             | 7.66  | 93   | 56897    | 47.726  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.89  | 83   | 117519   | 49.418  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.76  | 41   | 126058   | 48.666  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 41833    | 796.362 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 816516   | 239.268 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 216799   | 49.192  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 135961   | 50.640  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 148898   | 50.105  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 88410    | 49.171  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 156684   | 48.818  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 155168   | 49.041  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 399743   | 234.777 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 654253   | 244.108 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 87763    | 49.977  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 88862    | 48.961  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 80027    | 50.951  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 228125   | 49.803  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 82372    | 49.603  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 423608   | 50.250  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 312823   | 101.547 | ug/l   | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 152096   | 50.041  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 268309   | 50.789  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 67403    | 49.946  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 411575   | 47.411  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 234018   | 46.239  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 145429   | 44.939  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 127020m  | 45.870  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 101186   | 46.962  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 482258   | 48.644  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 282078   | 46.118  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 350111   | 47.899  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 50691    | 46.838  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 329287   | 47.654  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 336482   | 47.322  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 353832   | 48.227  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 409039   | 48.521  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 374980   | 49.479  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 186728   | 48.614  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 185876   | 47.999  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.38 | 91   | 348467   | 50.873  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 62735    | 48.589  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 184686   | 47.207  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 32105    | 44.224  | ug/l   | 99       |

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Acq On : 15 May 2019 10:30  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
5/16/2019 12:32:23 PM

Quant Time: May 16 01:19:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 07:31:15 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 134854   | 50.406 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 71002    | 51.971 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 402965   | 46.296 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 131747   | 48.581 | ug/l  | 100      |

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

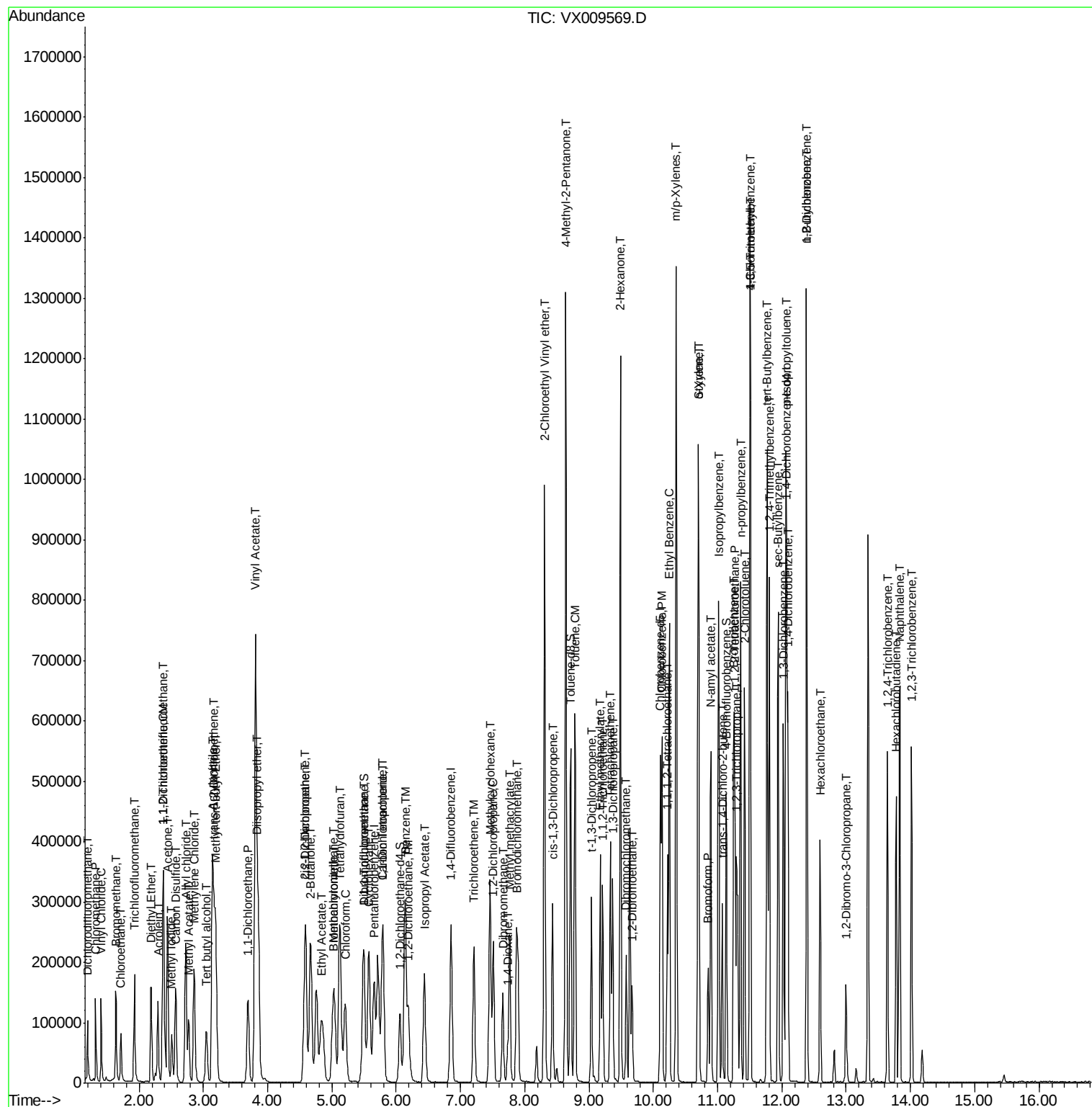
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 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

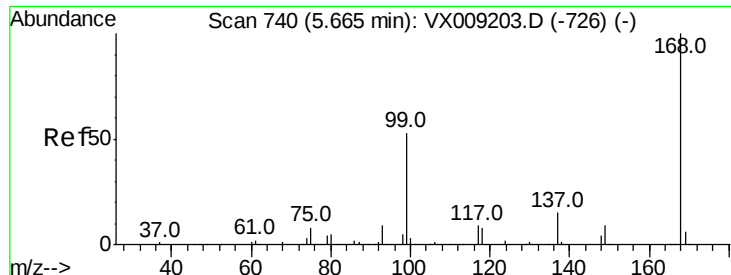
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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MMDadoda  
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 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 163446

Ion Ratio Lower Upper

168 100

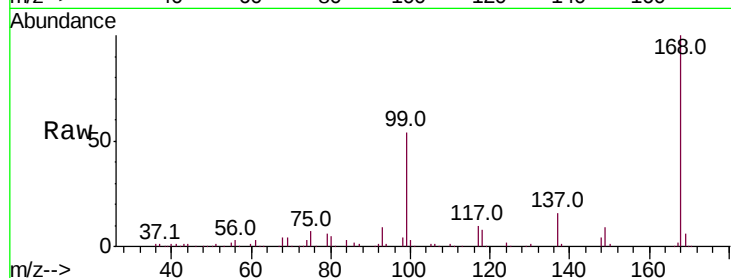
99 53.8 42.3 63.5

Manual Integrations

APPROVED

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5/16/2019 12:32:23 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

40000

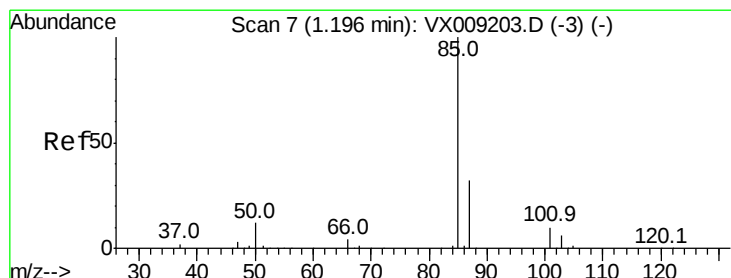
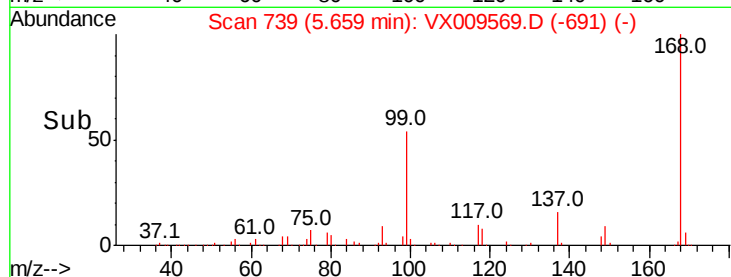
20000

0

Time-->

5.50 5.60 5.70 5.80

5.66



#2

Dichlorodifluoromethane

Concen: 42.038 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009569.D

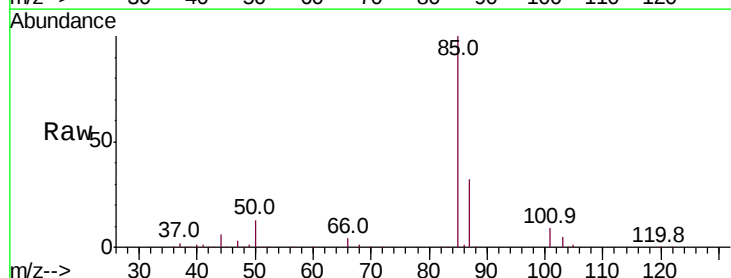
Acq: 15 May 2019 10:30

Tgt Ion: 85 Resp: 63316

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

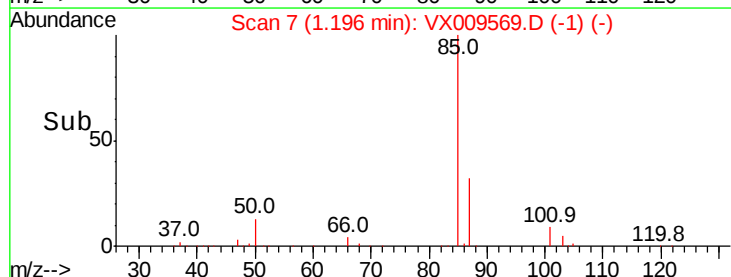
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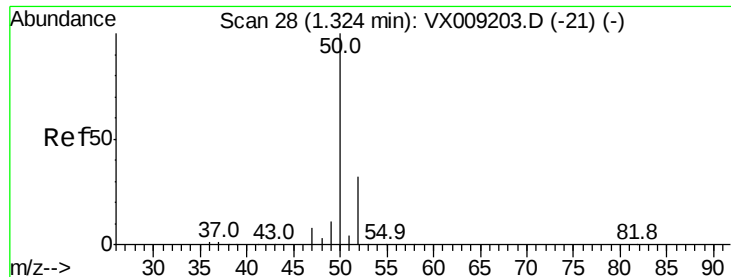
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Time-->

1.15 1.20 1.25 1.30

1.20





#3

Chloromethane

Concen: 44.650 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 91814

Ion Ratio Lower Upper

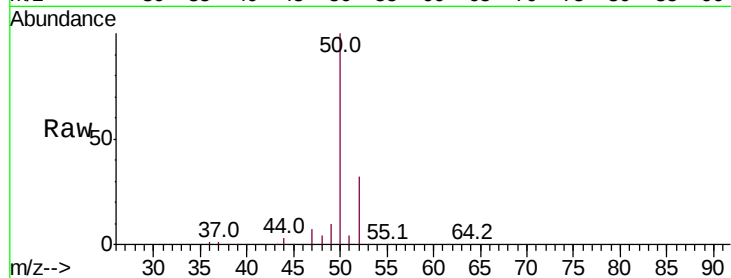
50 100

52 31.6 25.9 38.9

Manual Integrations  
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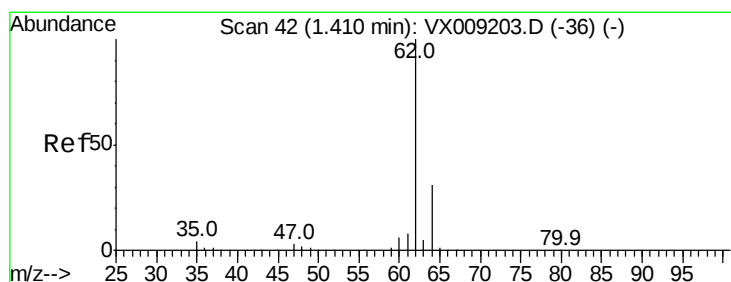
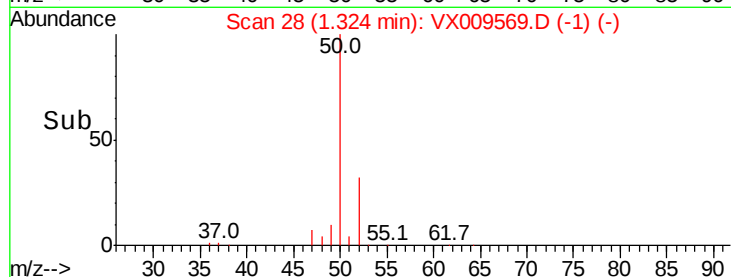
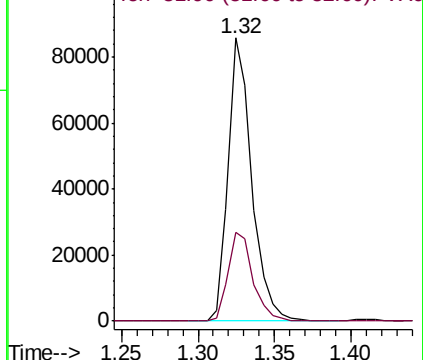
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.073 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009569.D

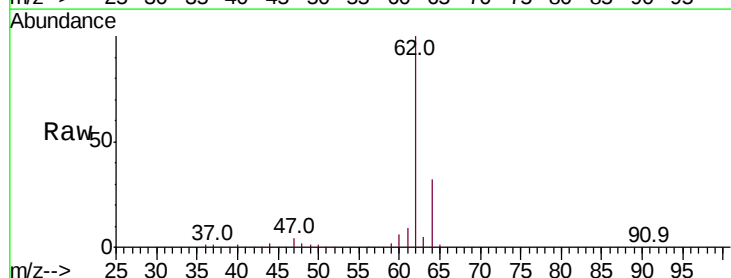
Acq: 15 May 2019 10:30

Tgt Ion: 62 Resp: 90380

Ion Ratio Lower Upper

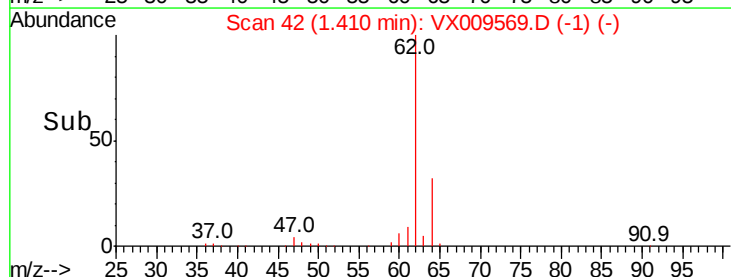
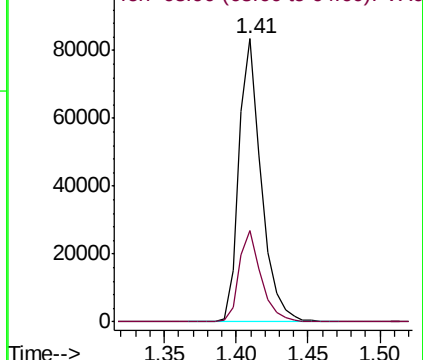
62 100

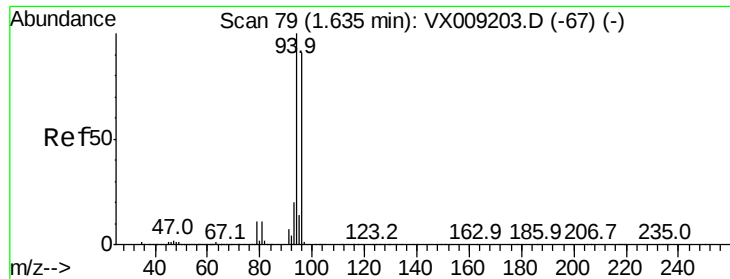
64 32.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.266 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53275

Ion Ratio Lower Upper

94 100

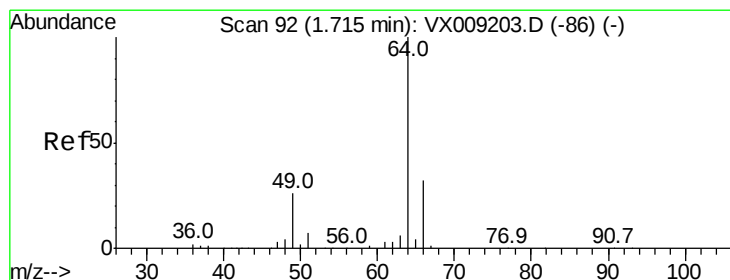
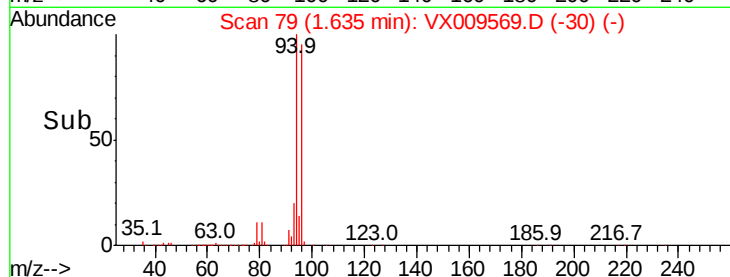
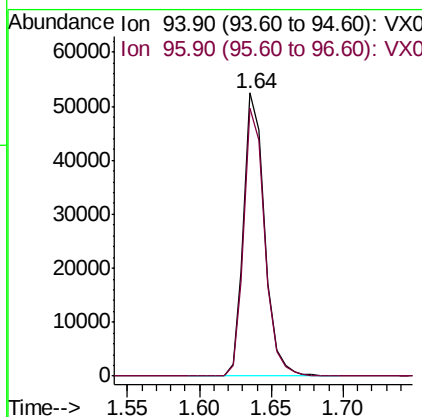
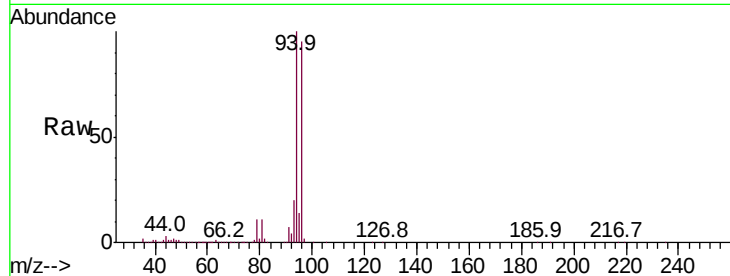
96 94.6 73.0 109.6

Manual Integrations

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MMDadoda

5/16/2019 12:32:23 PM



#6

Chloroethane

Concen: 45.344 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009569.D

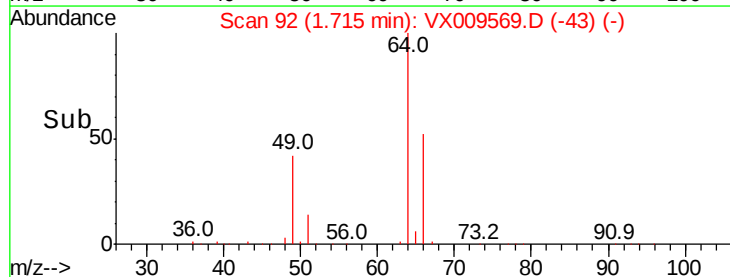
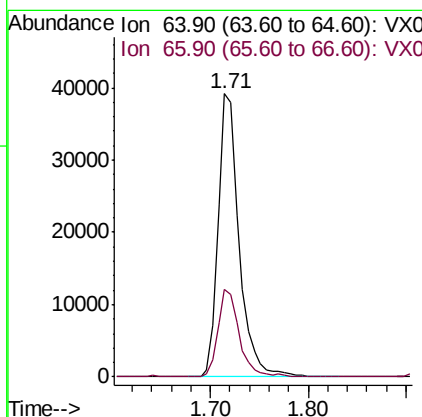
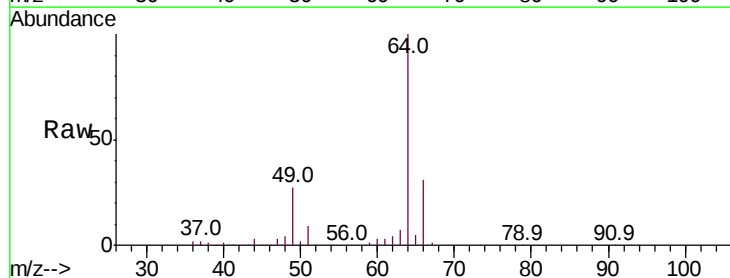
Acq: 15 May 2019 10:30

Tgt Ion: 64 Resp: 58376

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9





#7

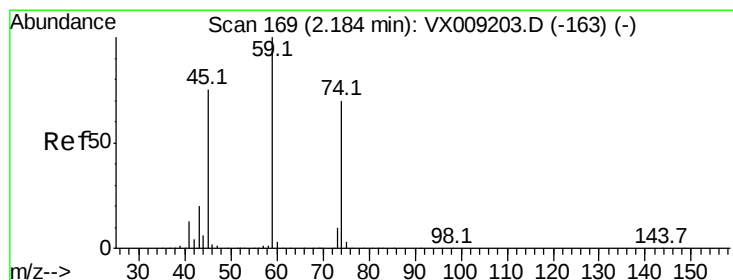
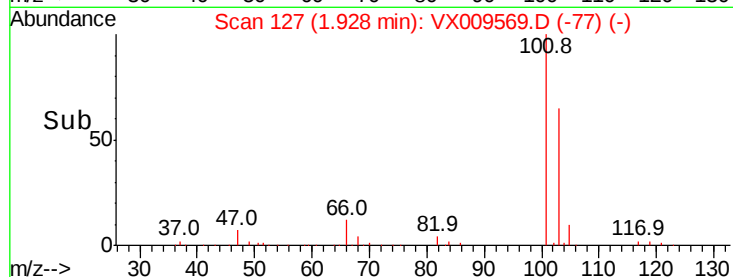
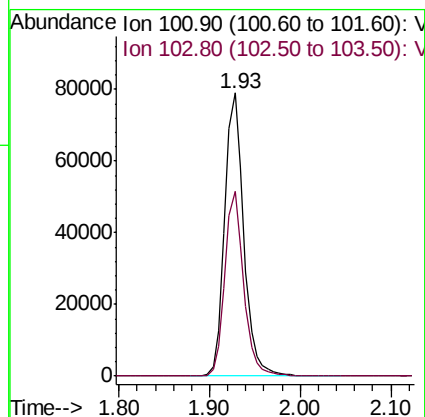
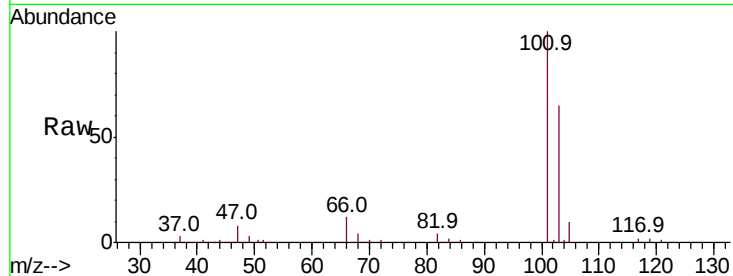
Trichlorofluoromethane  
Concen: 47.621 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 116072  
Ion Ratio Lower Upper  
101 100  
103 65.2 52.4 78.6

Manual Integrations  
APPROVED

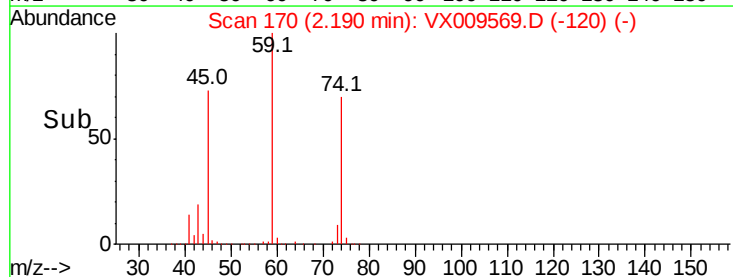
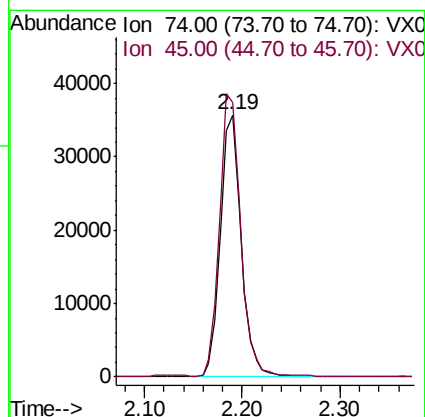
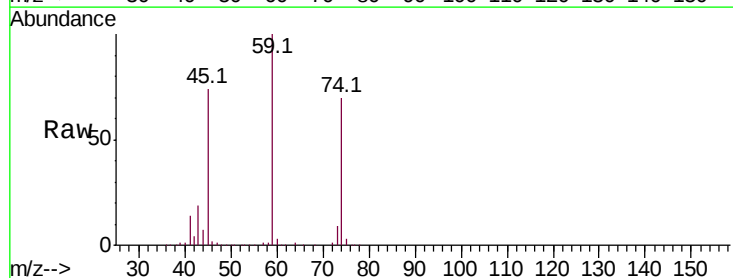
MMDadoda  
5/16/2019 12:32:23 PM

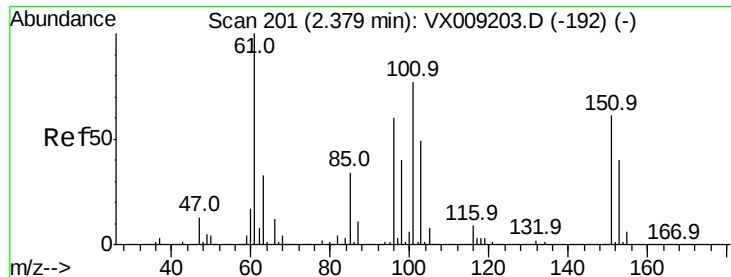


#8

Diethyl Ether  
Concen: 45.971 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Tgt Ion: 74 Resp: 53076  
Ion Ratio Lower Upper  
74 100  
45 108.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.266 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

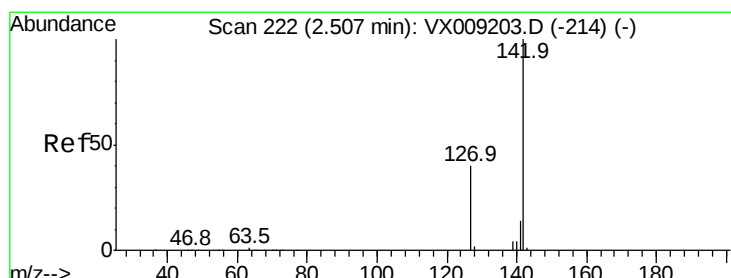
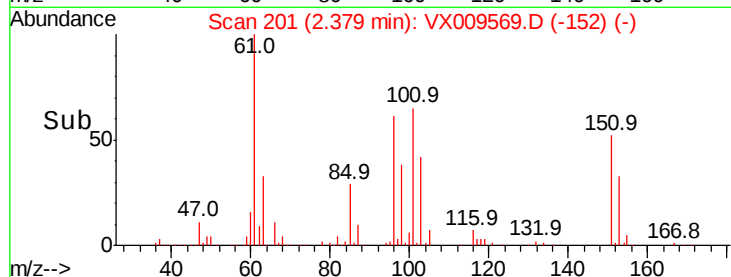
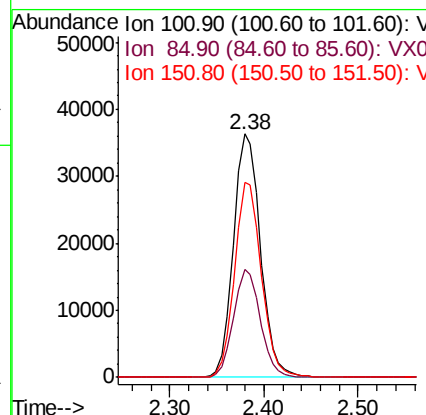
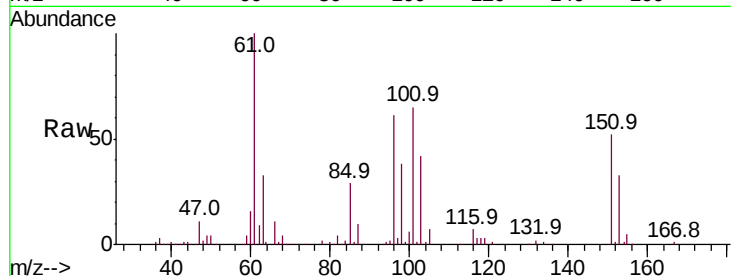
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 72346 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.3  | 35.7  | 53.5  |
| 151       | 79.8  | 62.2  | 93.2  |

Manual Integrations  
APPROVED

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#10

Methyl Iodide

Concen: 47.995 ug/l

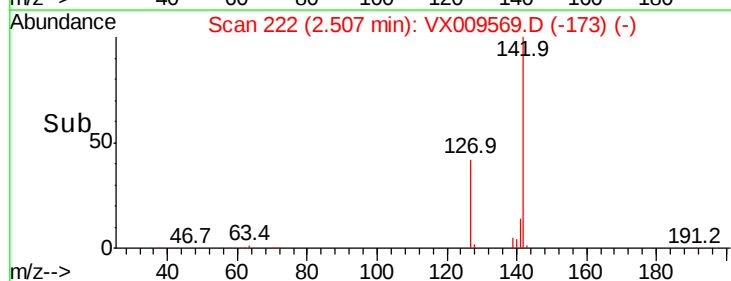
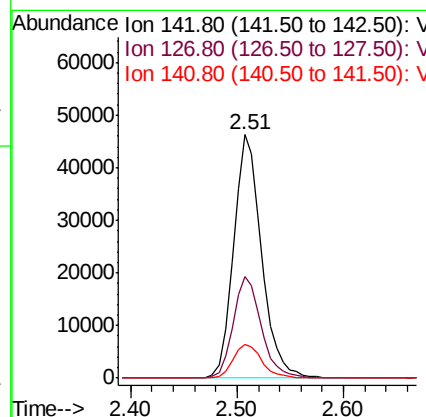
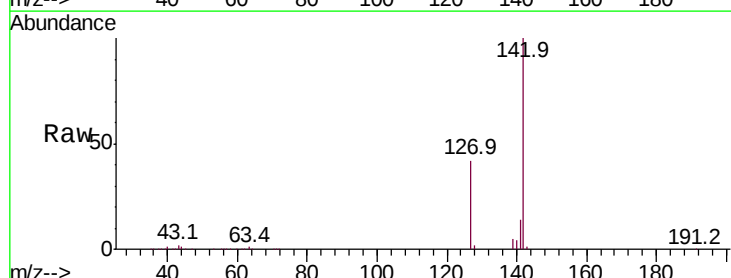
RT: 2.51 min Scan# 222

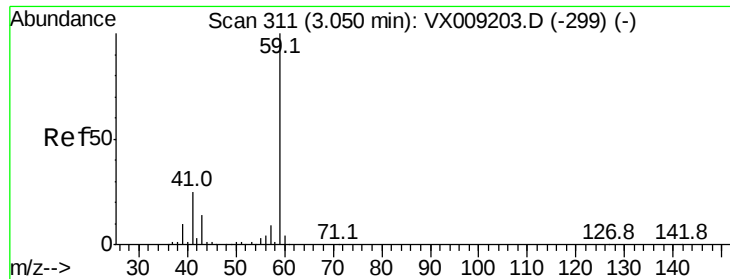
Delta R.T. 0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 84994 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.0  | 32.7  | 49.1  |
| 141       | 14.4  | 11.5  | 17.3  |





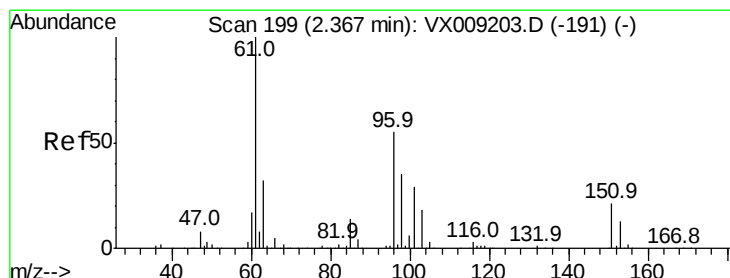
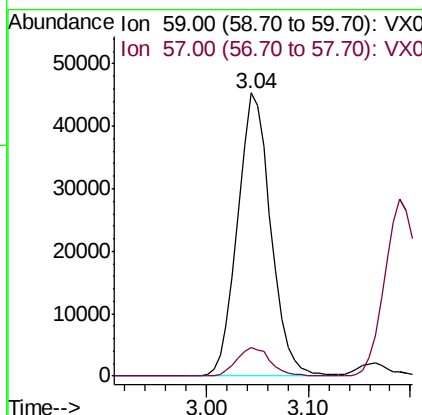
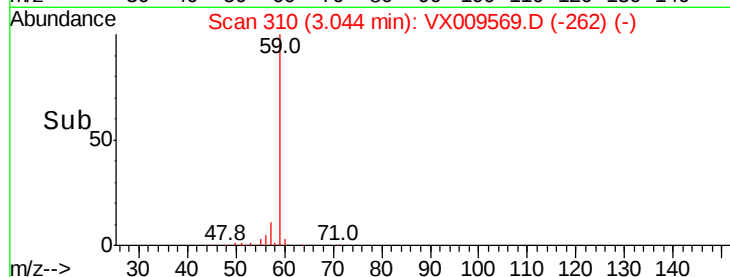
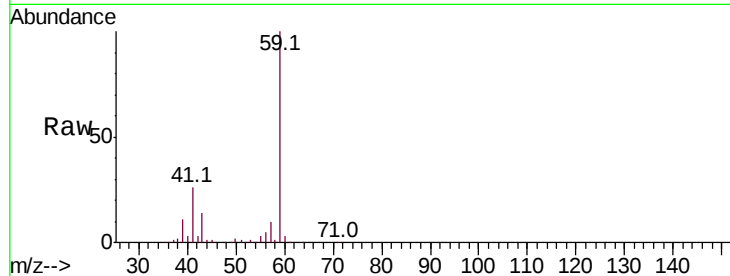
#11  
Tert butyl alcohol  
Concen: 198.840 ug/l  
RT: 3.04 min Scan# 310  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 102696  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.2 12.2

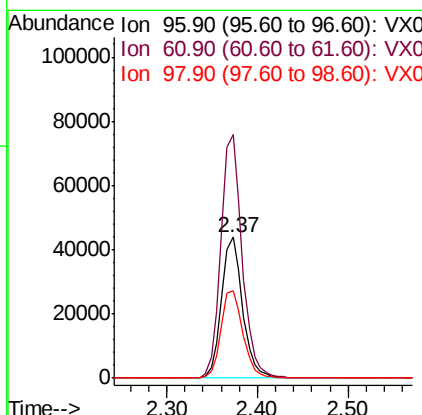
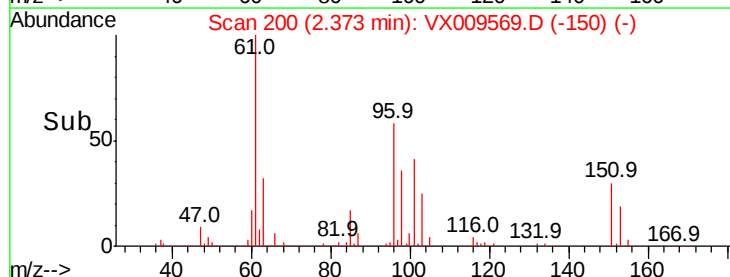
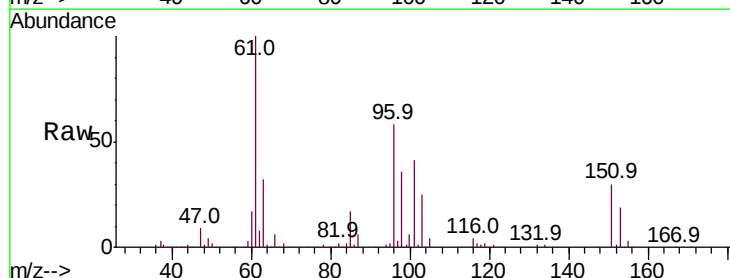
Manual Integrations  
APPROVED

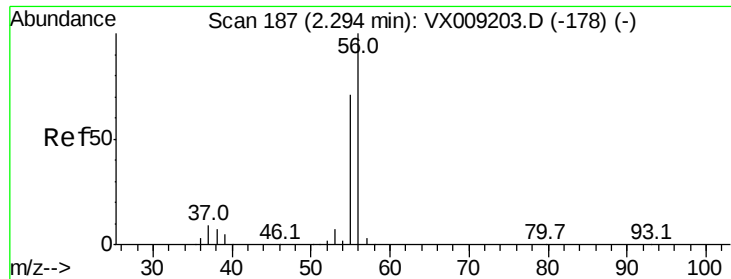
MMDadoda  
5/16/2019 12:32:23 PM



#12  
1,1-Dichloroethene  
Concen: 46.762 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Tgt Ion: 96 Resp: 71714  
Ion Ratio Lower Upper  
96 100  
61 173.1 144.3 216.5  
98 62.5 50.3 75.5





#13

Acrolein

Concen: 209.661 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 98066

Ion Ratio Lower Upper

56 100

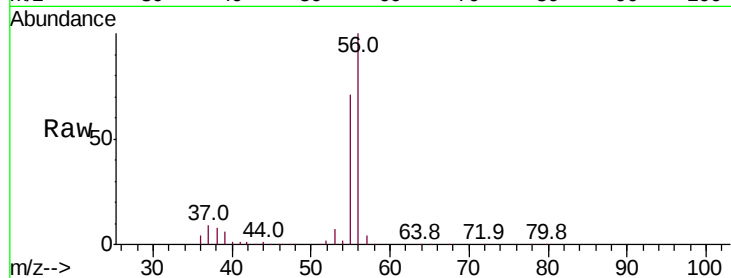
55 70.4 56.6 85.0

Manual Integrations

APPROVED

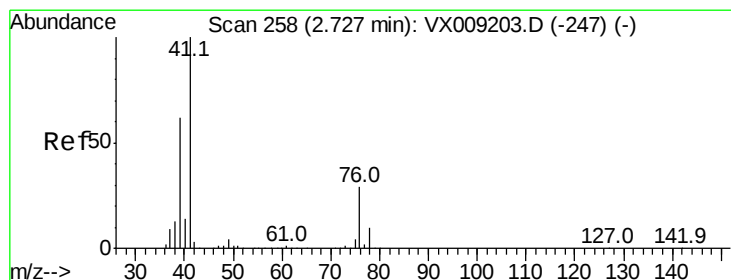
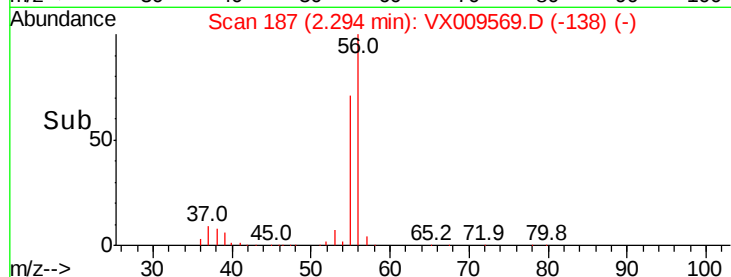
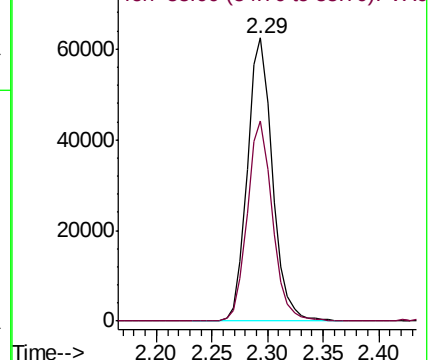
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.820 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

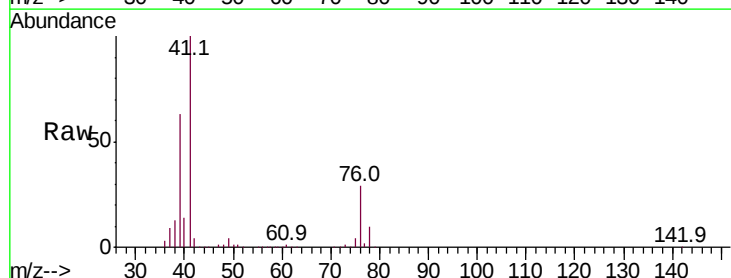
Tgt Ion: 41 Resp: 171247

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

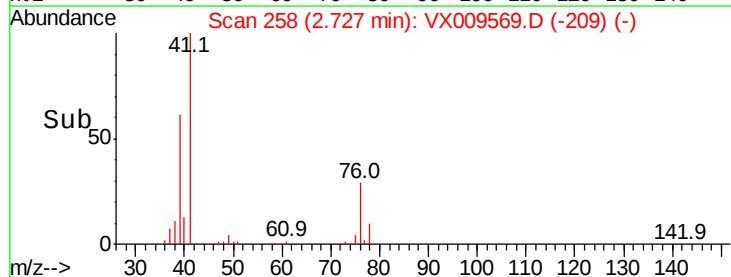
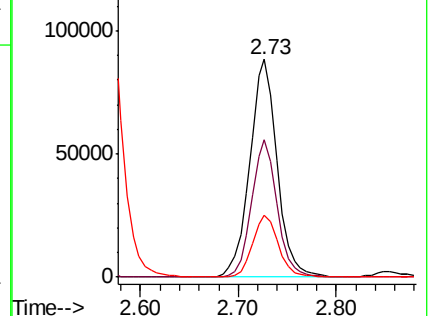
76 26.6 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 220.989 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

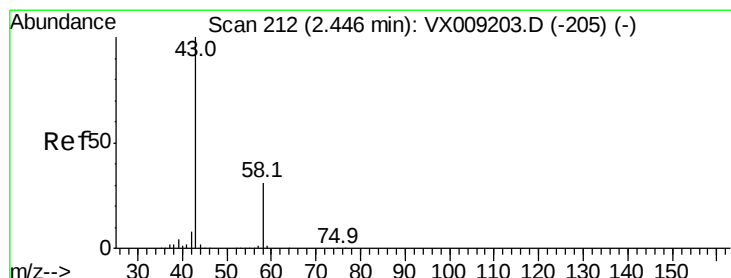
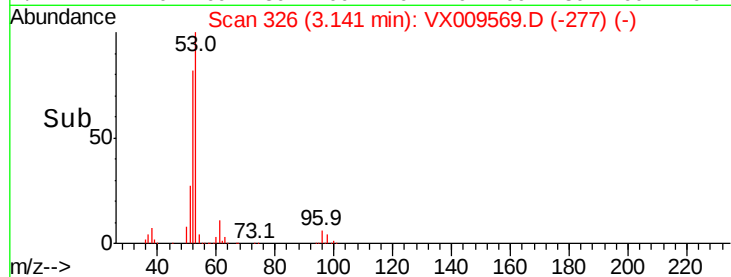
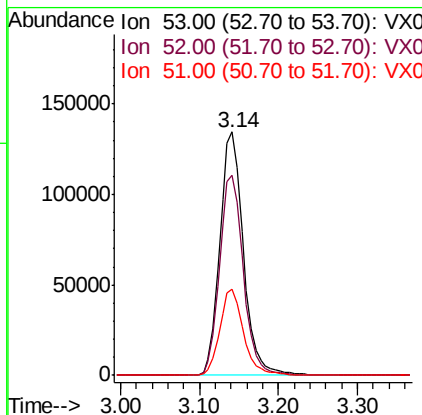
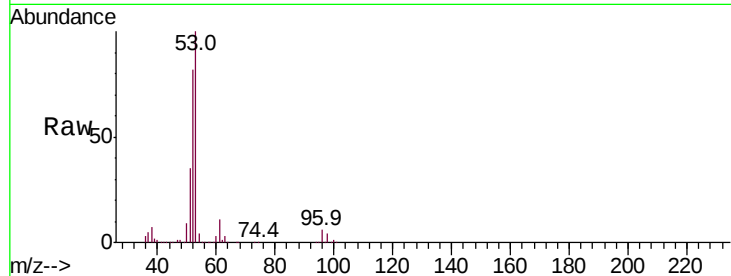
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 279070 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.5  | 66.9  | 100.3  |
| 51       | 35.5  | 28.2  | 42.2   |

Manual Integrations  
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#16

Acetone

Concen: 248.157 ug/l

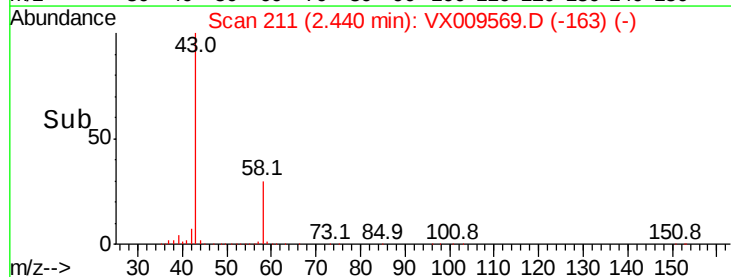
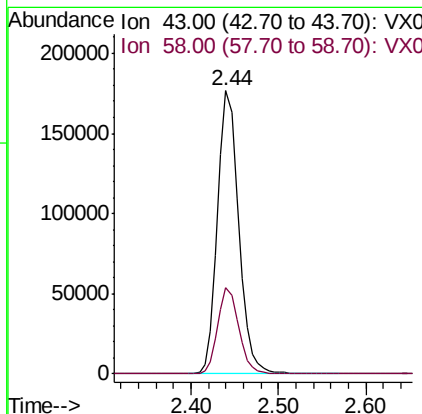
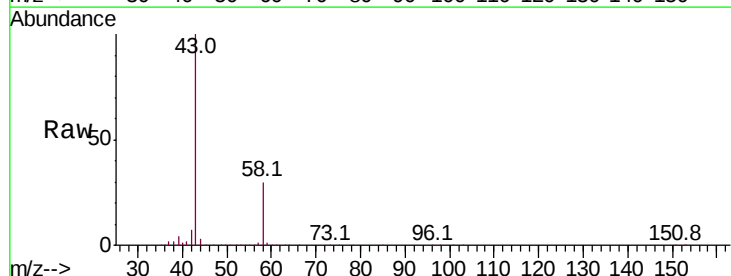
RT: 2.44 min Scan# 211

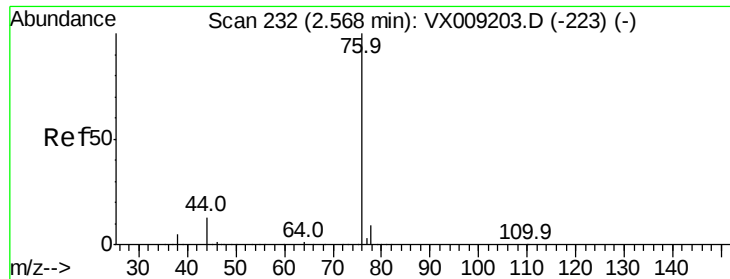
Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 297313 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.2  | 24.9  | 37.3   |





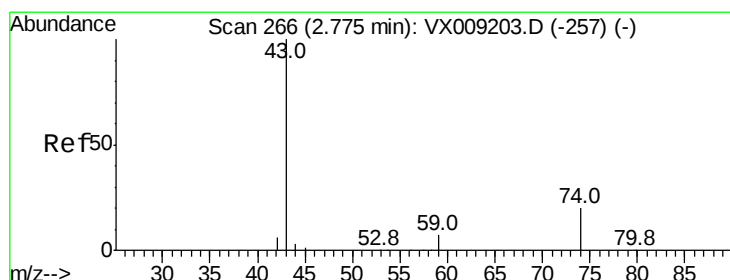
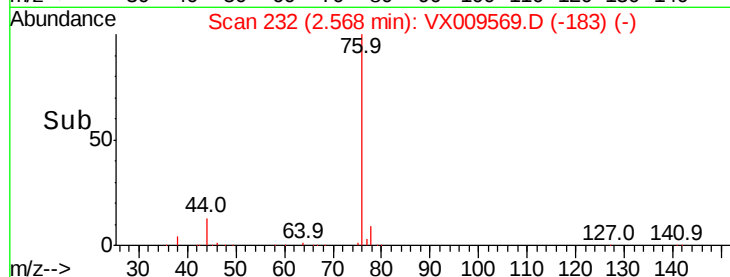
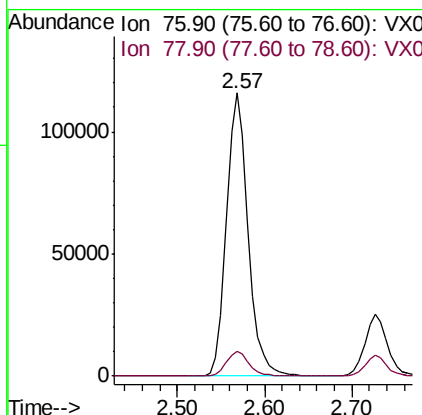
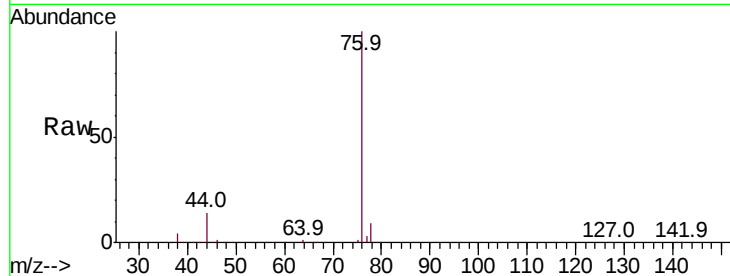
#17  
Carbon Disulfide  
Concen: 46.069 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 76      | 100   | 198358 |       |       |
| 78      | 8.9   |        | 7.4   | 11.0  |

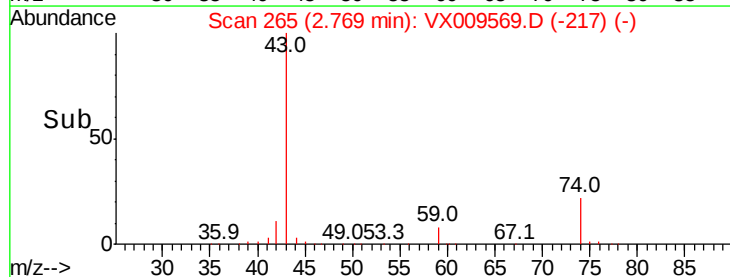
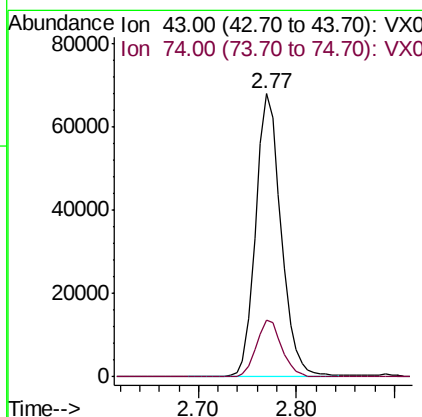
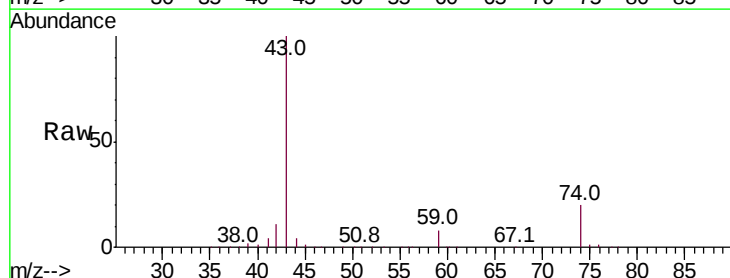
Manual Integrations  
APPROVED

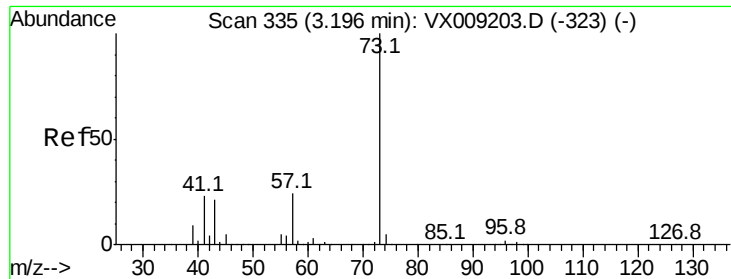
MMDadoda  
5/16/2019 12:32:23 PM



#18  
Methyl Acetate  
Concen: 43.000 ug/l  
RT: 2.77 min Scan# 265  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 122520 |       |       |
| 74      | 20.5  |        | 16.2  | 24.4  |





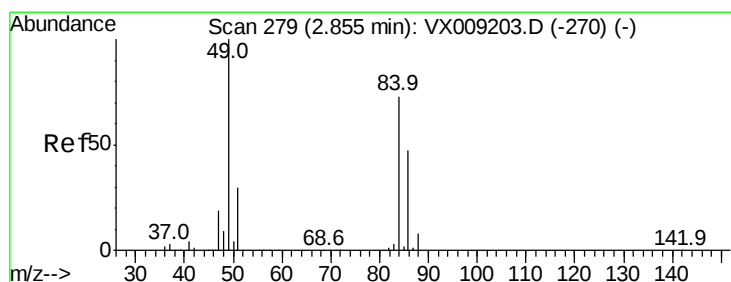
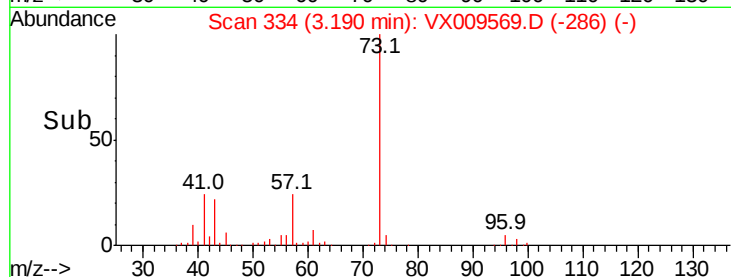
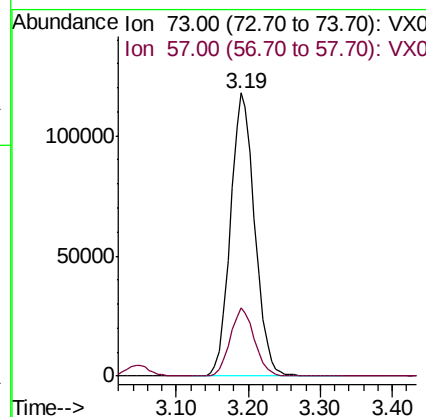
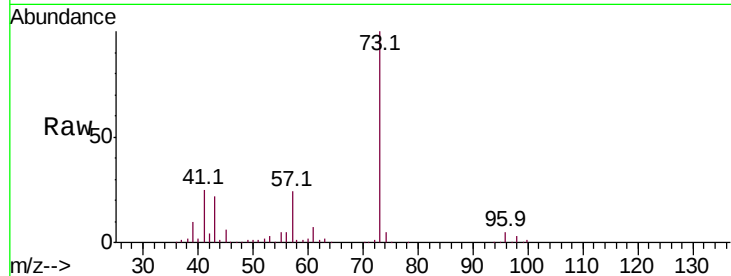
#19  
Methyl tert-butyl Ether  
Concen: 46.370 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 24.0  | 19.3  | 28.9  |

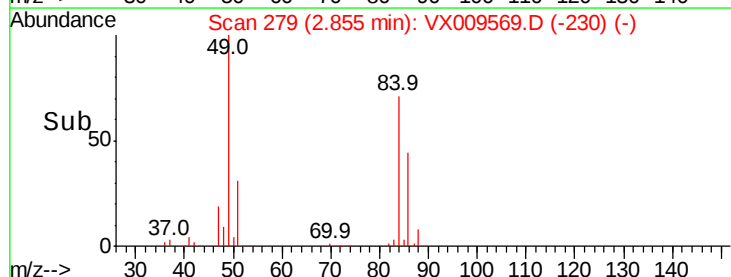
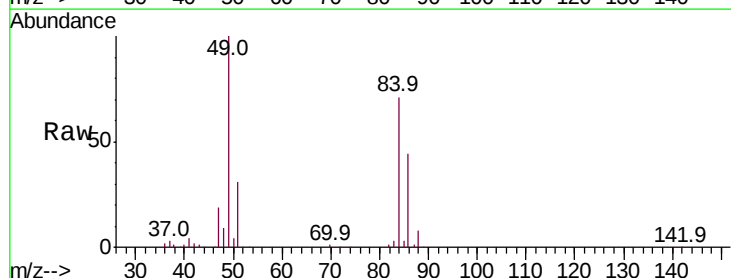
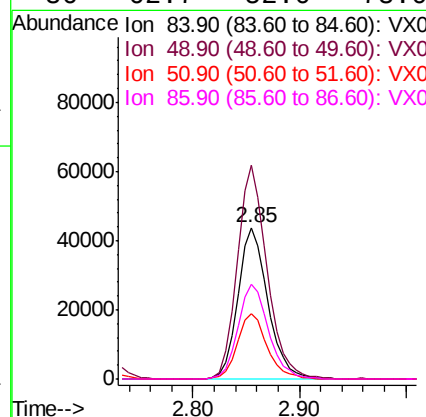
Manual Integrations  
APPROVED

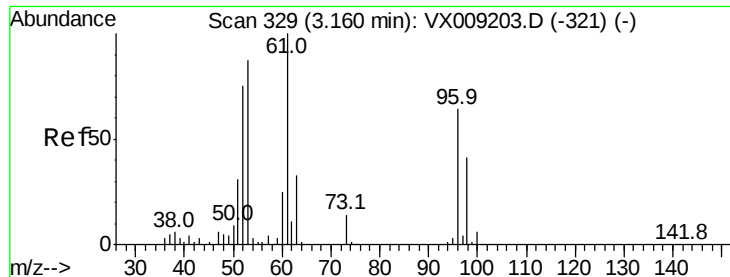
MMDadoda  
5/16/2019 12:32:23 PM



#20  
Methylene Chloride  
Concen: 44.405 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 141.2 | 109.9 | 164.9 |
| 51      | 43.3  | 32.7  | 49.1  |
| 86      | 62.7  | 52.0  | 78.0  |





#21

trans-1,2-Dichloroethene

Concen: 46.988 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 78150

Ion Ratio Lower Upper

96 100

61 148.7 124.5 186.7

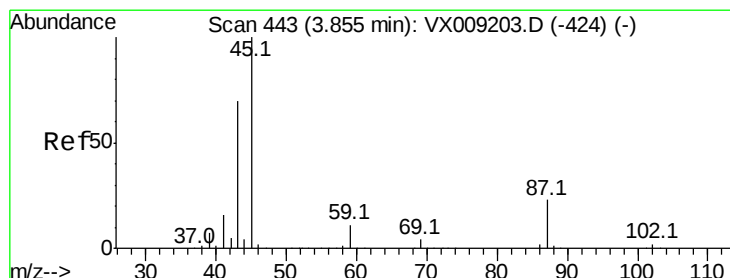
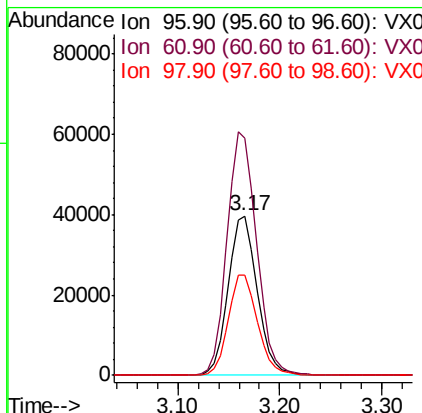
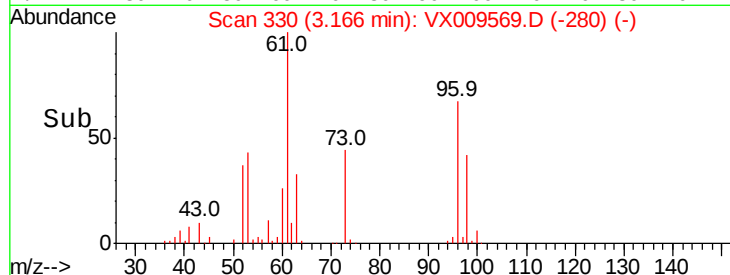
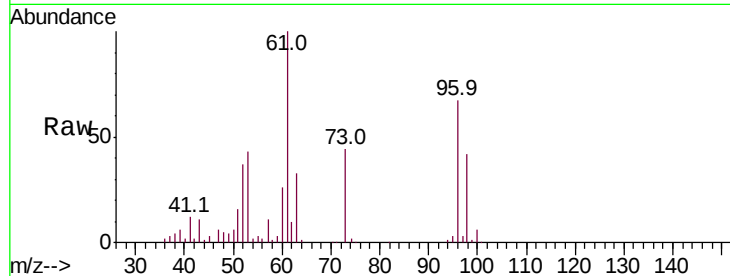
98 62.6 50.4 75.6

Manual Integrations

APPROVED

MMDadoda

5/16/2019 12:32:23 PM



#22

Diisopropyl ether

Concen: 47.097 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Tgt Ion: 45 Resp: 338503

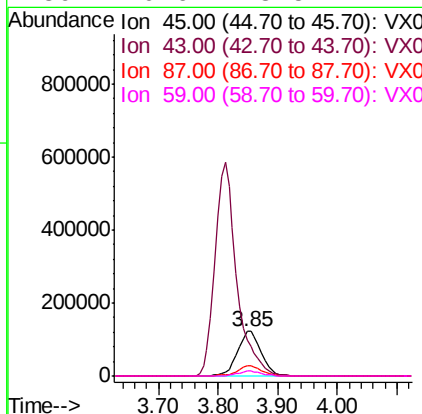
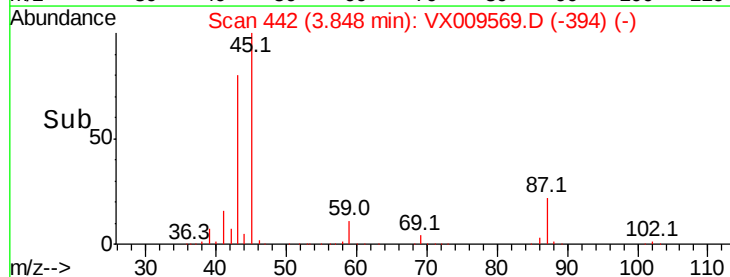
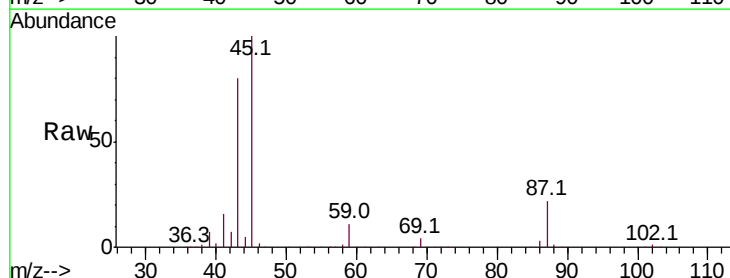
Ion Ratio Lower Upper

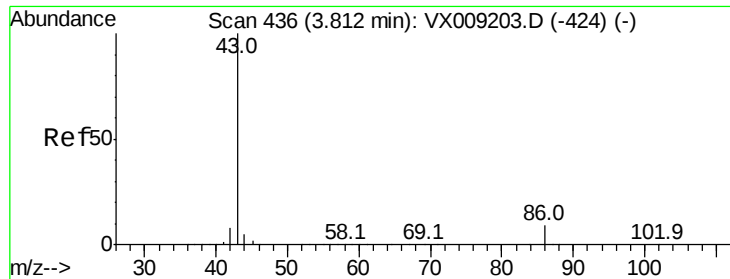
45 100

43 79.6 56.1 84.1

87 22.1 18.1 27.1

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 240.979 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1483148

Ion Ratio Lower Upper

43 100

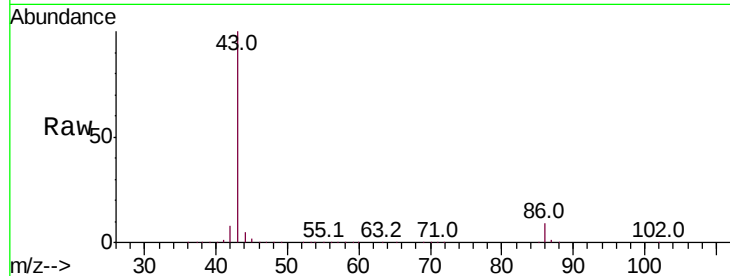
86 8.6 6.9 10.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

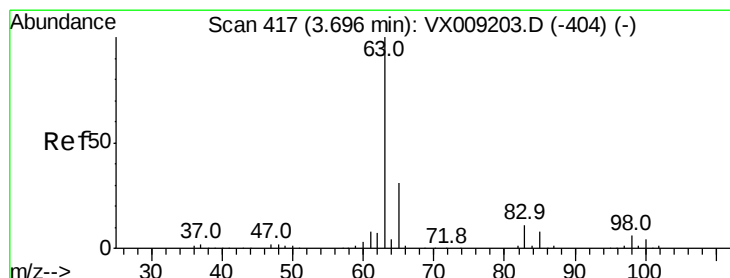
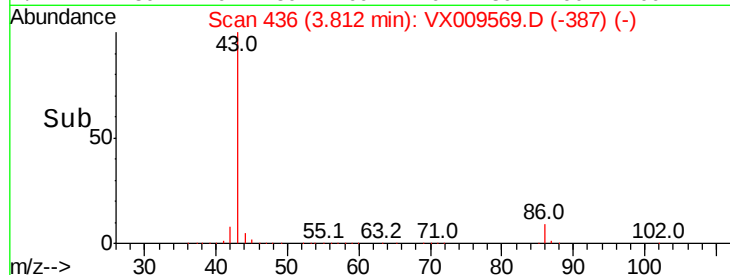
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 45.907 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

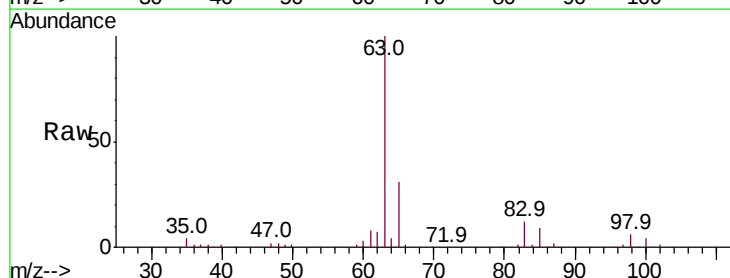
Tgt Ion: 63 Resp: 162771

Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

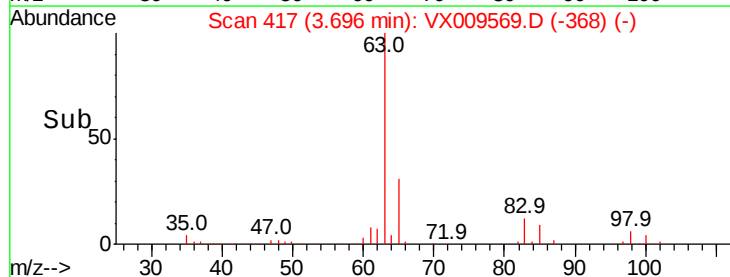
40000

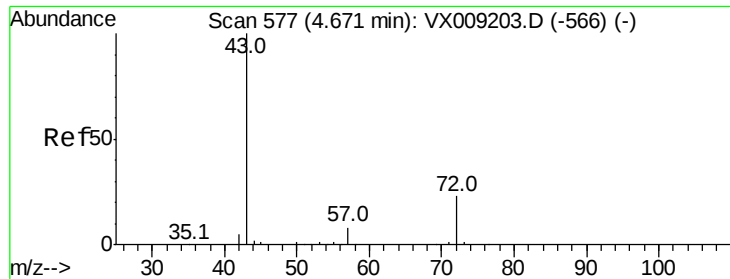
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 231.464 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 430936

Ion Ratio Lower Upper

43 100

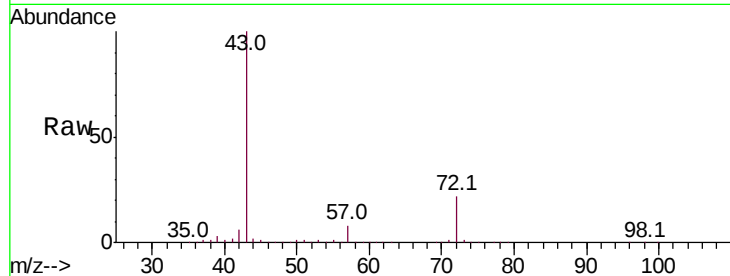
72 22.0 18.2 27.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

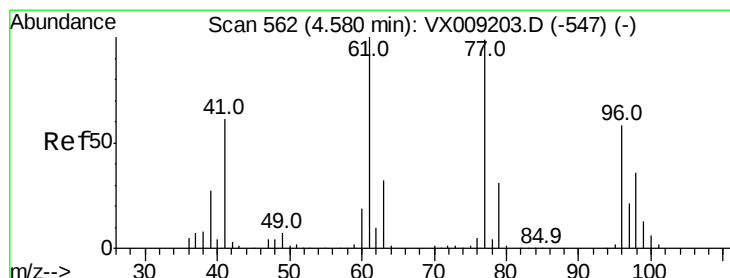
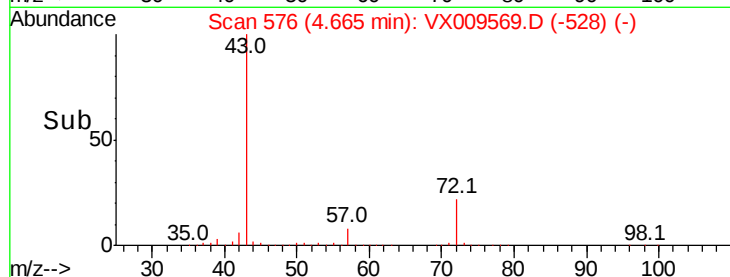
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.552 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009569.D

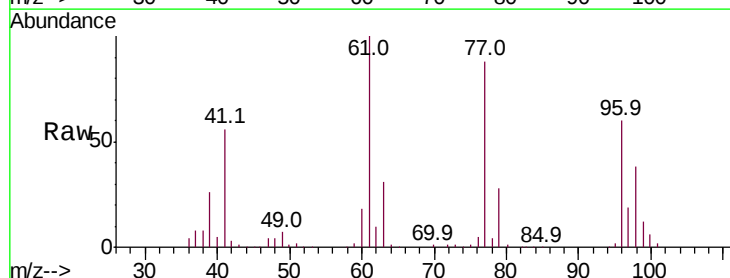
Acq: 15 May 2019 10:30

Tgt Ion: 77 Resp: 122858

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

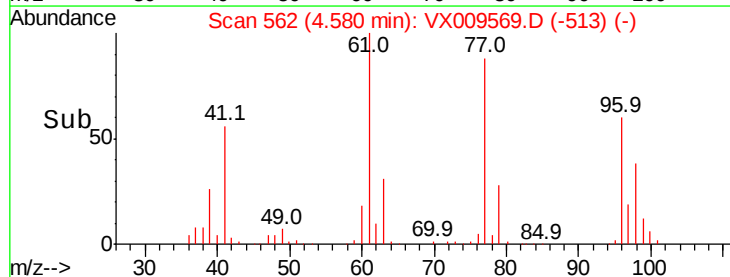
20000

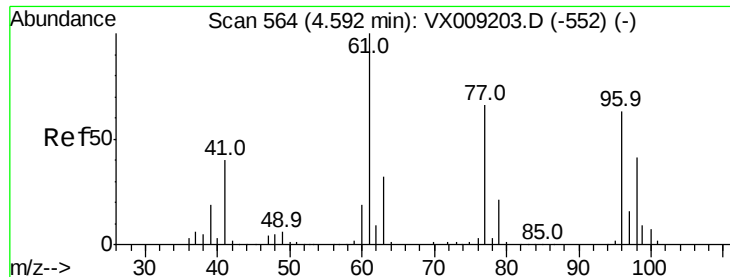
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

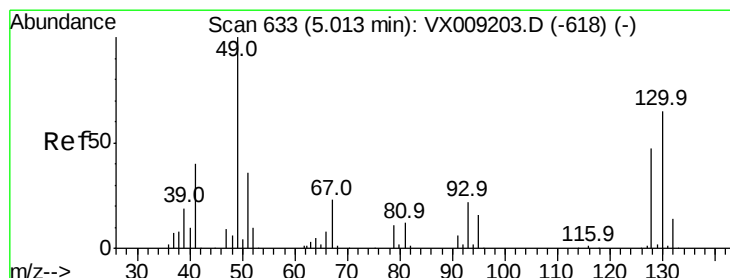
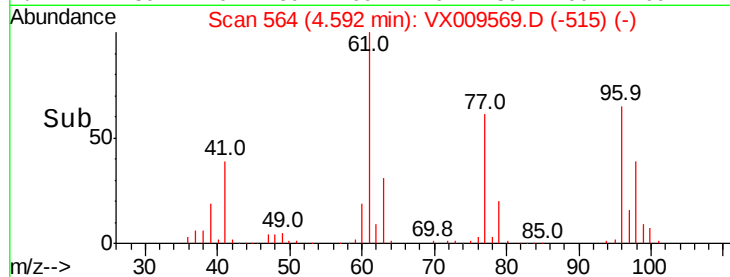
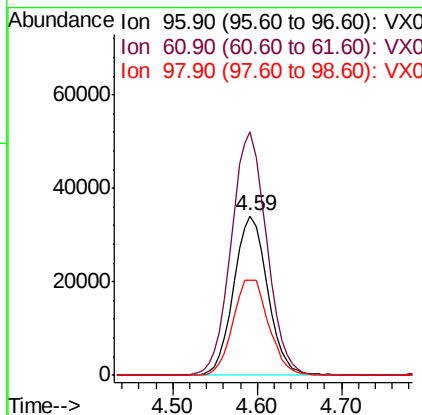
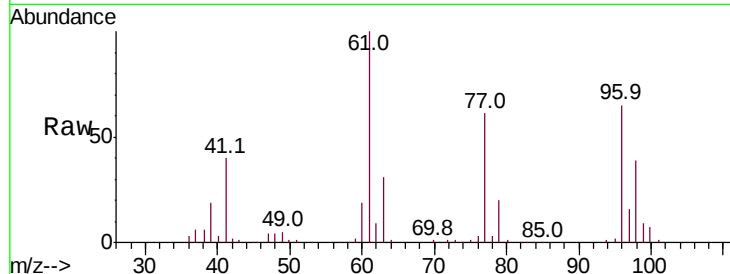
cis-1,2-Dichloroethene  
Concen: 46.856 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 160.6 | 0.0  | 324.0 |       |
| 98      | 63.3  | 0.0  | 130.4 |       |

Manual Integrations  
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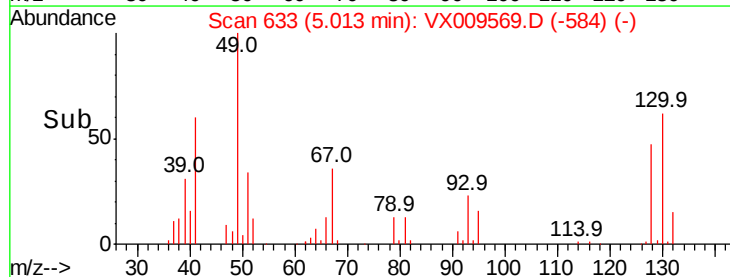
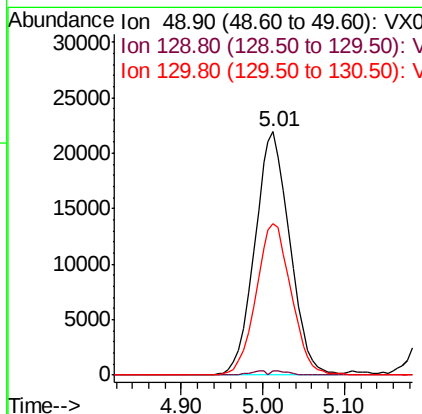
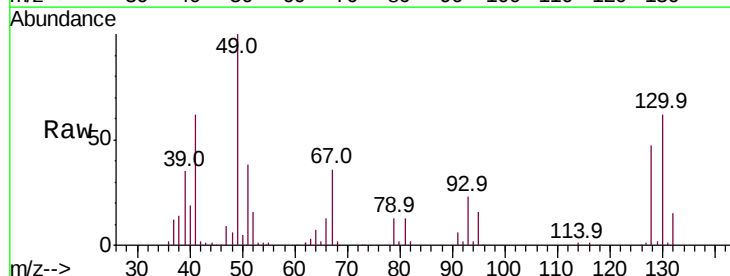
MMDadoda  
5/16/2019 12:32:23 PM

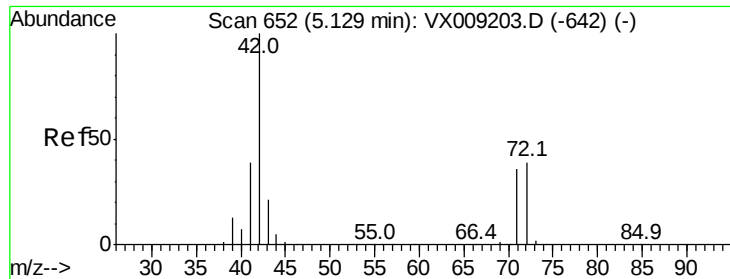


#28

Bromochloromethane  
Concen: 45.674 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 0.9   | 0.0  | 3.8   |       |
| 130     | 62.5  | 51.2 | 76.8  |       |





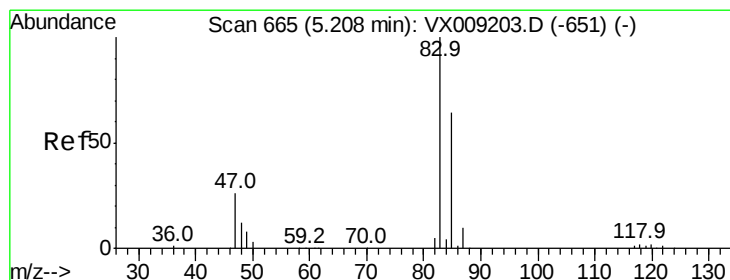
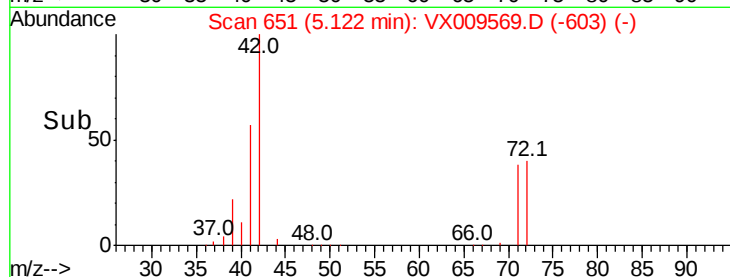
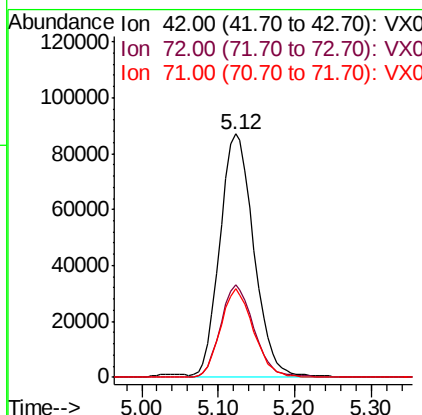
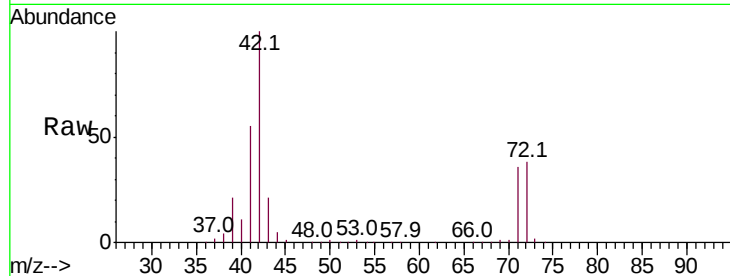
#29  
Tetrahydrofuran  
Concen: 222.461 ug/l  
RT: 5.12 min Scan# 651  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.0  | 30.4  | 45.6  |
| 71      | 35.5  | 28.6  | 43.0  |

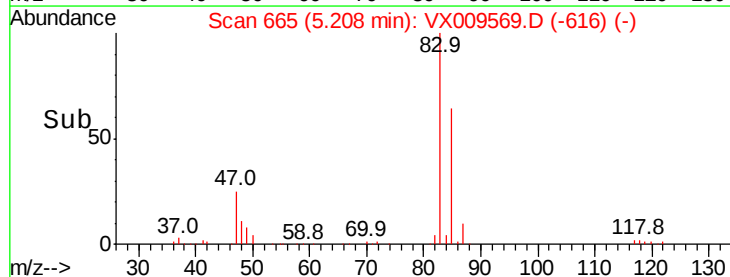
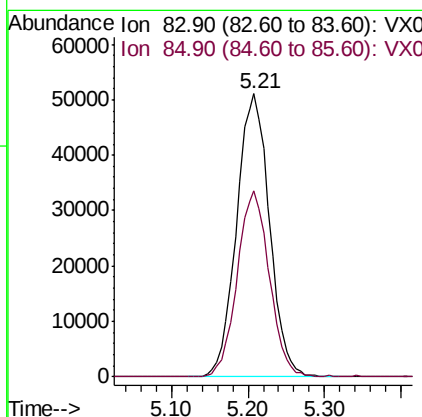
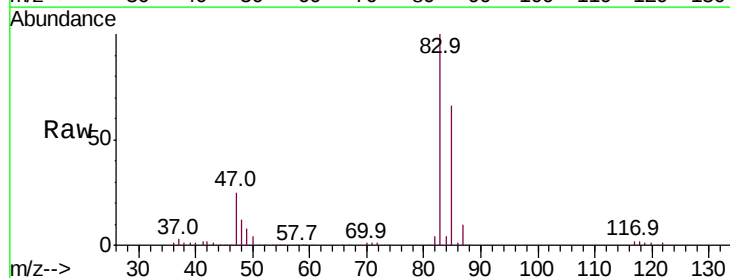
Manual Integrations  
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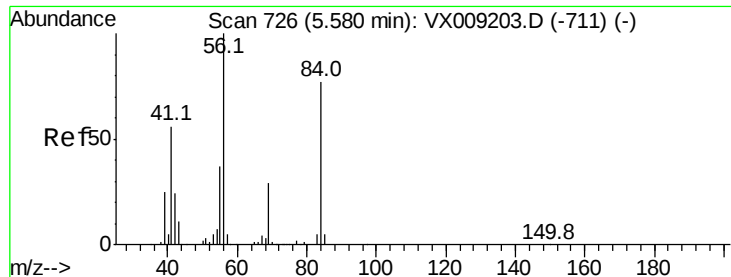
MMDadoda  
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#30  
Chloroform  
Concen: 47.454 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.8  | 51.5  | 77.3  |





#31

Cyclohexane

Concen: 48.083 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

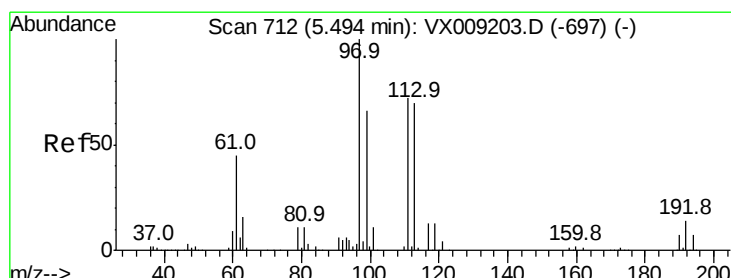
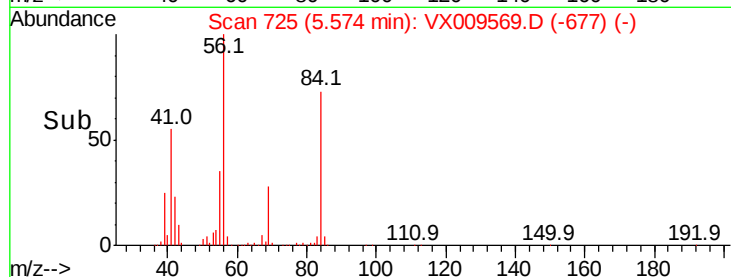
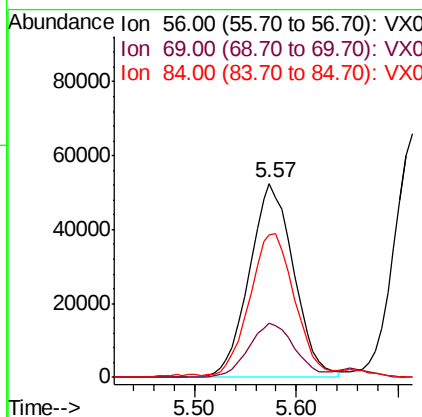
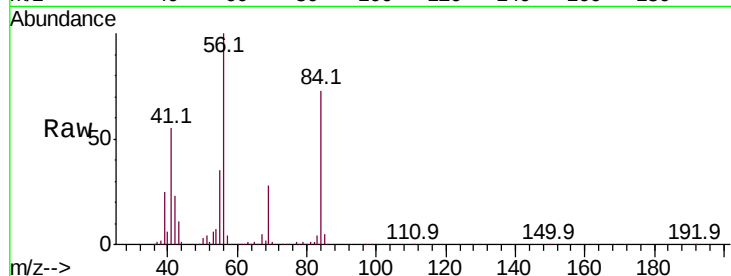
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 158615 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 27.9  | 23.4  | 35.0   |
| 84        | 71.9  | 61.9  | 92.9   |

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#32

1,1,1-Trichloroethane

Concen: 46.563 ug/l

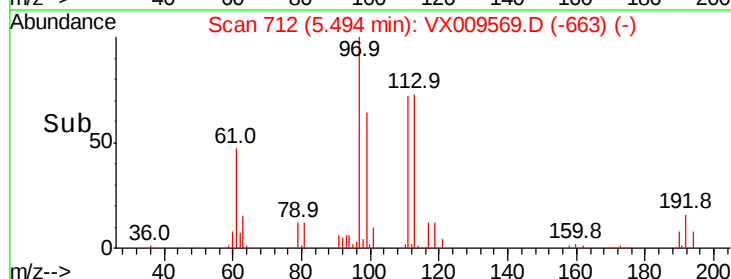
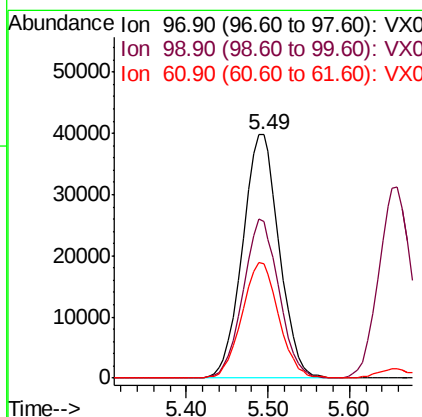
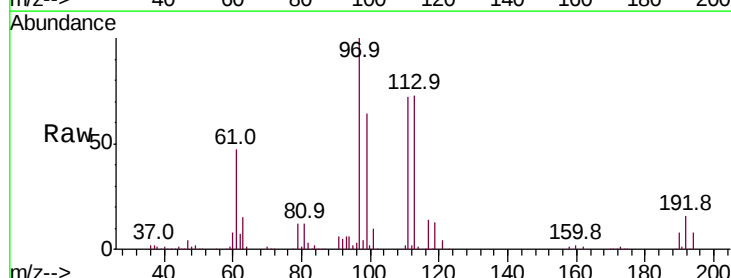
RT: 5.49 min Scan# 712

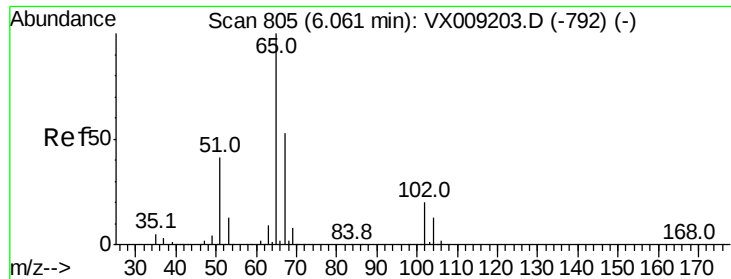
Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 124301 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.8  | 51.8  | 77.8   |
| 61        | 47.4  | 37.8  | 56.8   |





#33

1,2-Dichloroethane-d4

Concen: 48.535 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 108292

Ion Ratio Lower Upper

65 100

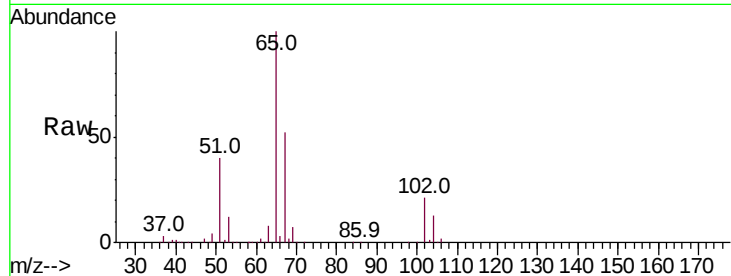
67 53.6 0.0 106.6

Manual Integrations

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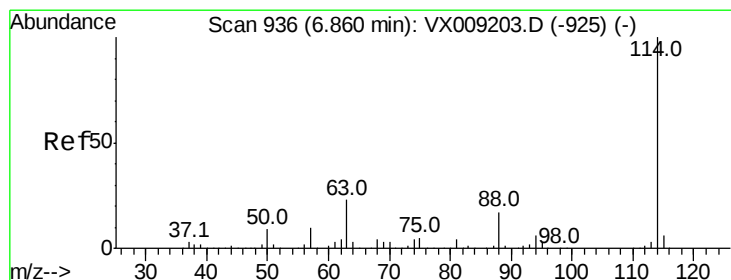
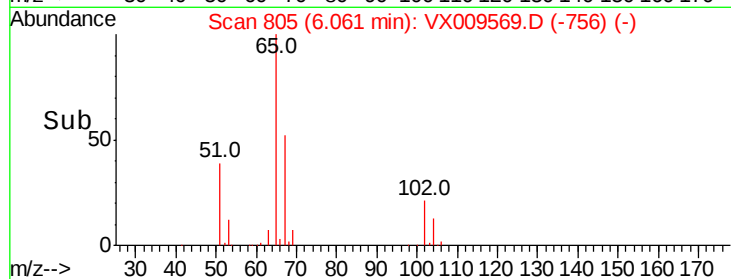
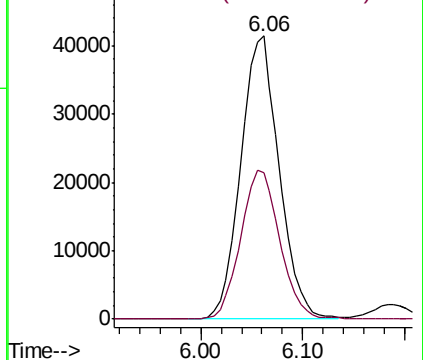
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

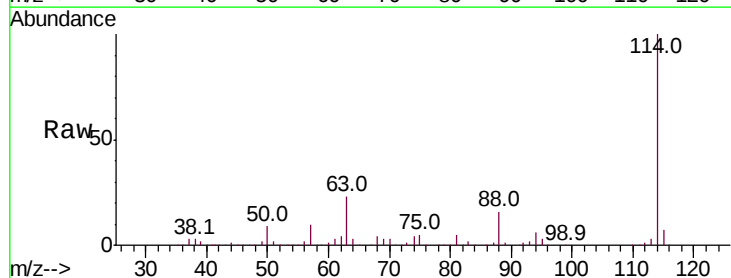
Tgt Ion:114 Resp: 252086

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

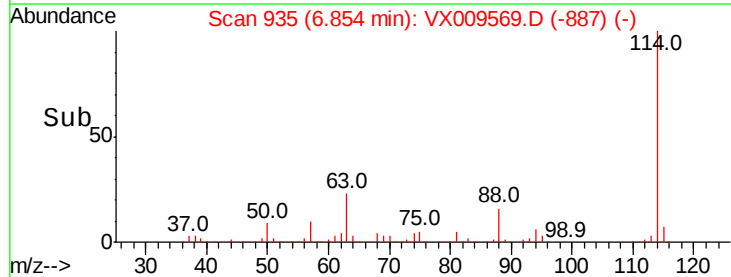
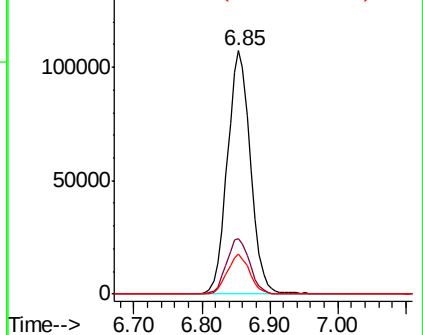
88 16.2 0.0 33.2

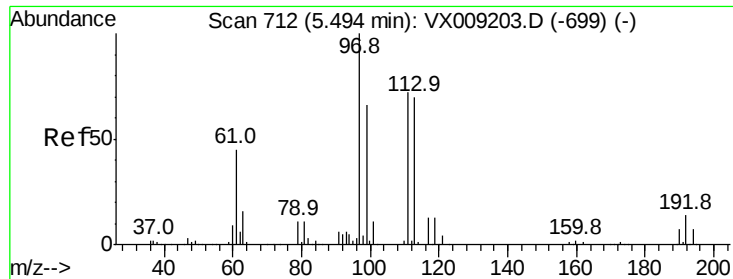


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.115 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

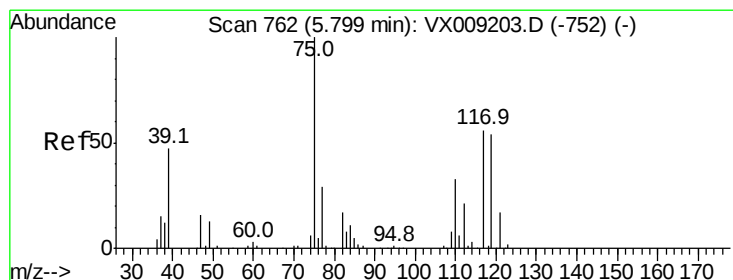
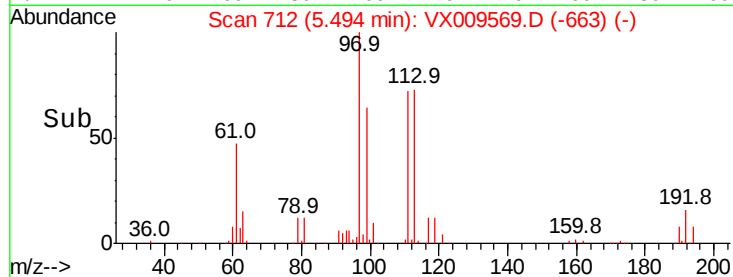
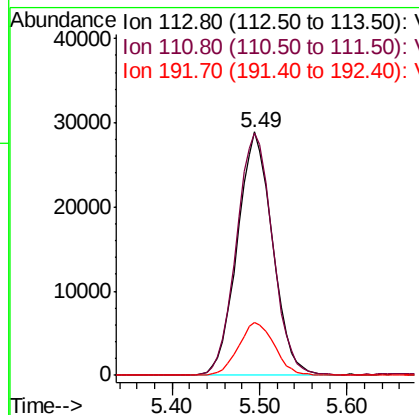
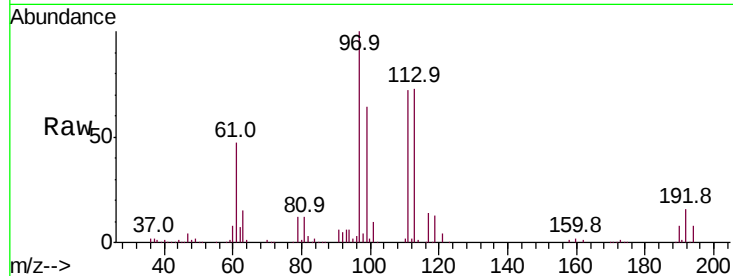
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.2 | 82.8  | 124.2 |
| 192     | 22.1  | 17.0  | 25.6  |

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#36

1,1-Dichloropropene

Concen: 49.549 ug/l

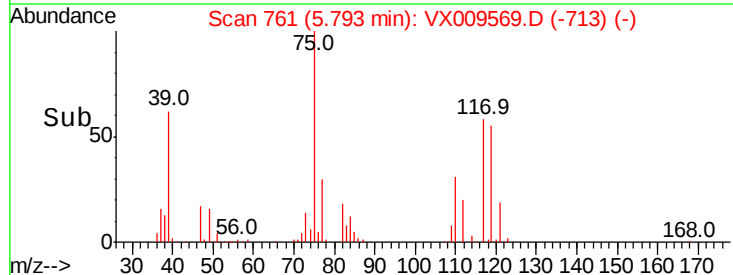
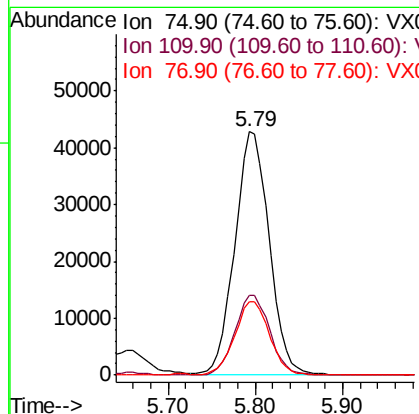
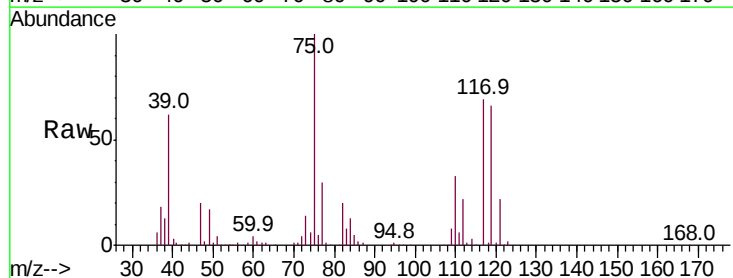
RT: 5.79 min Scan# 761

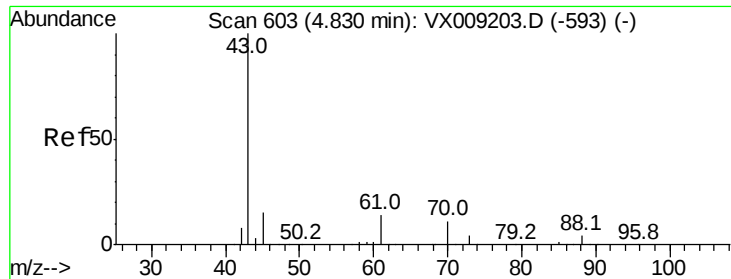
Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.5  | 16.9  | 50.6  |
| 77      | 30.8  | 24.8  | 37.2  |





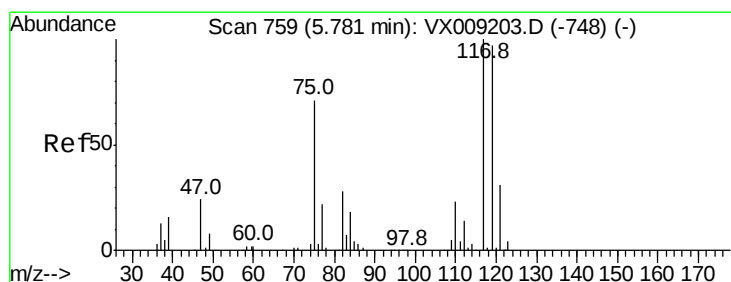
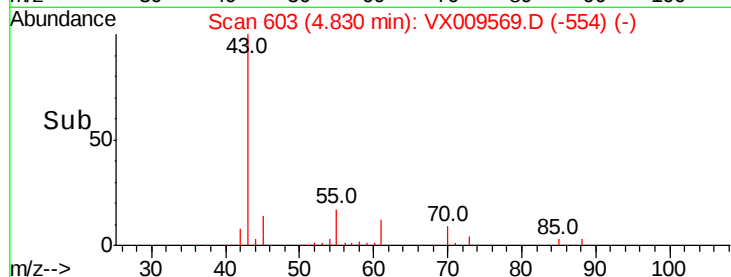
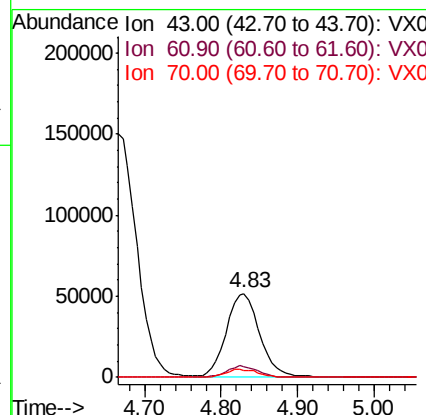
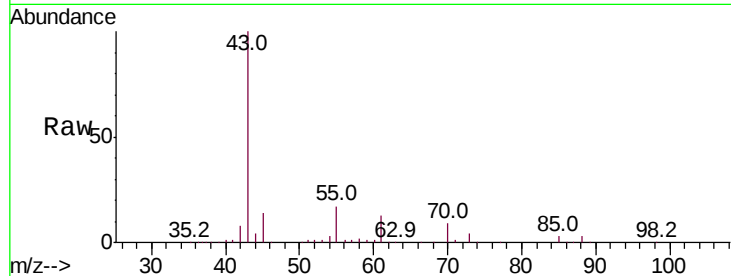
#37  
Ethyl Acetate  
Concen: 47.682 ug/l  
RT: 4.83 min Scan# 603  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43    | Resp  | 155637 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.4  | 10.5  | 15.7   |
| 70        | 9.3   | 7.9   | 11.9   |

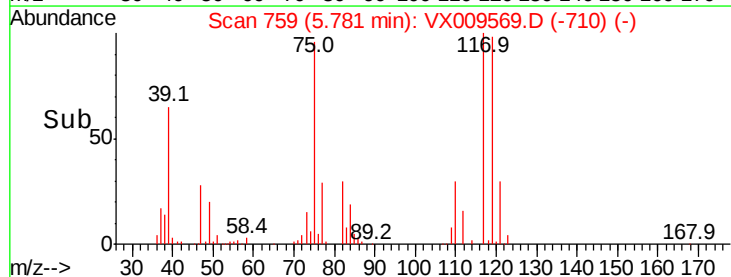
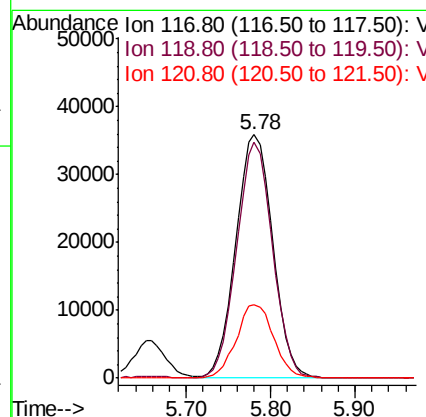
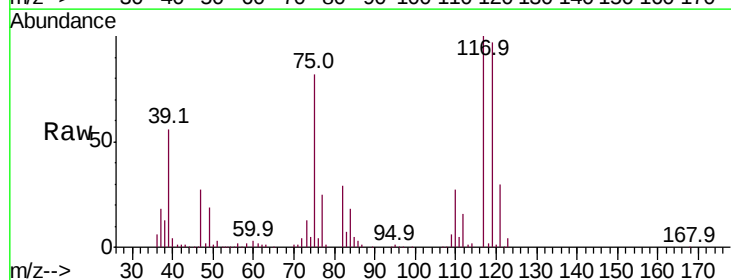
Manual Integrations  
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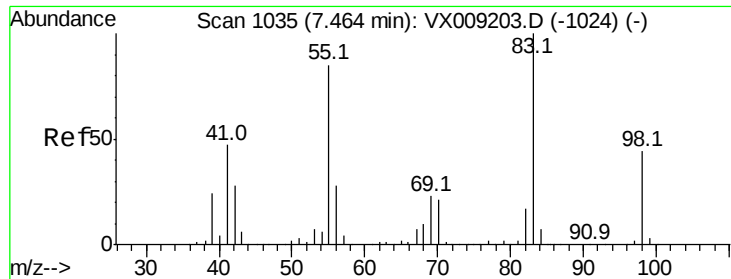
MMDadoda  
5/16/2019 12:32:23 PM



#38  
Carbon Tetrachloride  
Concen: 50.076 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion   | 117   | Resp  | 106584 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.9  | 77.5  | 116.3  |
| 121       | 30.1  | 24.7  | 37.1   |





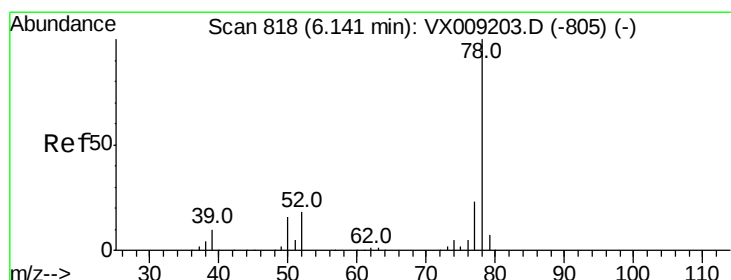
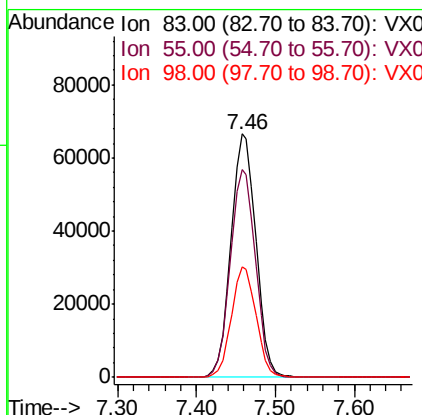
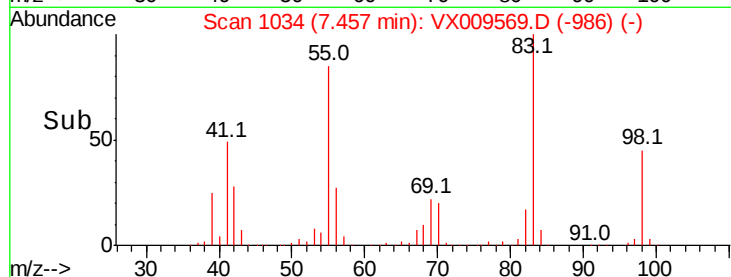
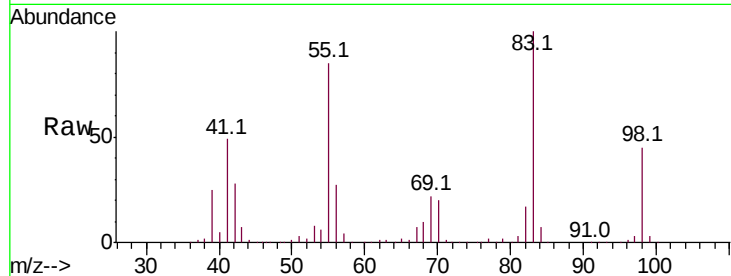
#39  
Methvlcvclohexane  
Concen: 50.964 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 85.5  | 67.7  | 101.5 |
| 98      | 45.5  | 35.5  | 53.3  |

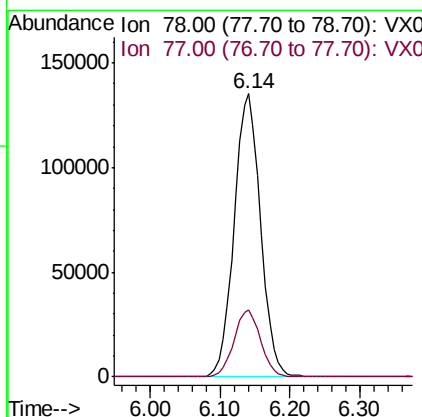
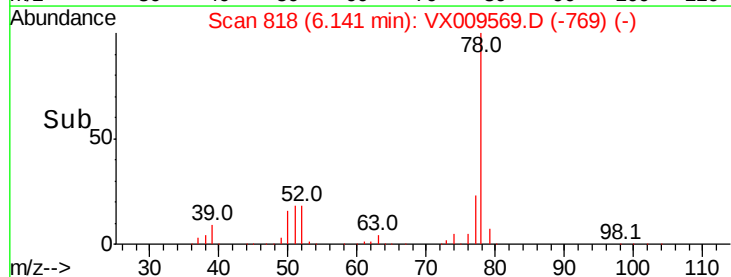
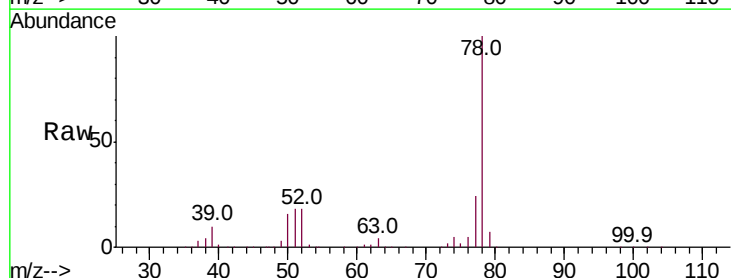
Manual Integrations  
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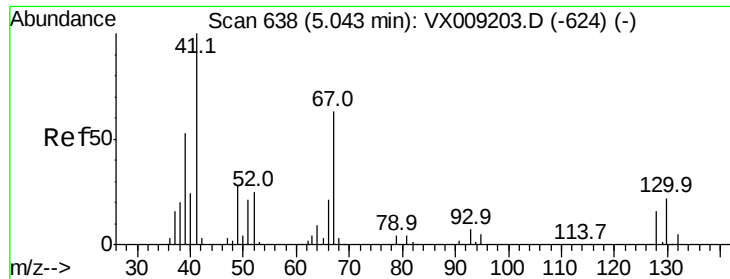
MMDadoda  
5/16/2019 12:32:23 PM



#40  
Benzene  
Concen: 48.855 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 18.8  | 28.2  |





#41

Methacrylonitrile

Concen: 46.143 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

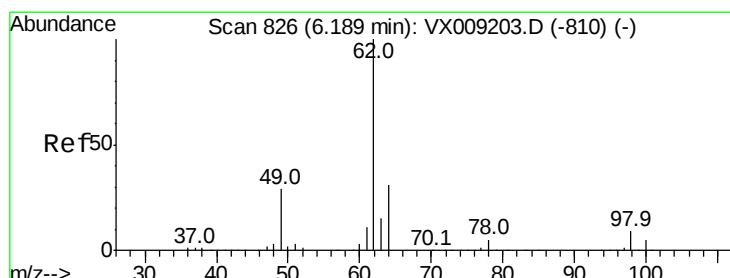
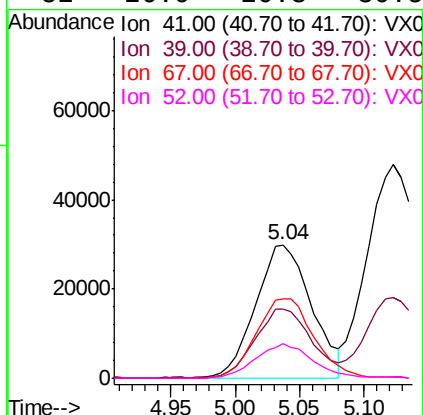
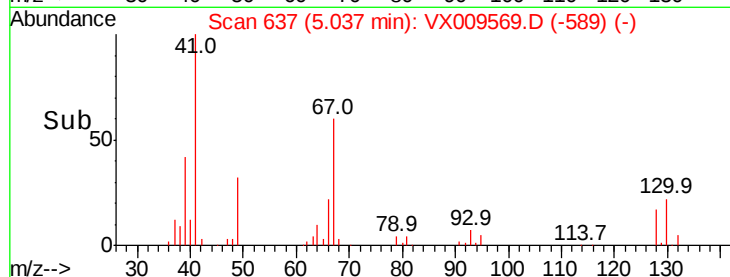
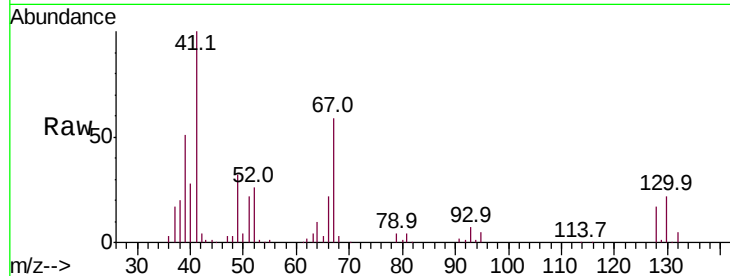
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 89655 |       |       |
| 39      | 52.5 | 42.0  | 63.0  |       |       |
| 67      | 62.3 | 49.8  | 74.8  |       |       |
| 52      | 26.9 | 20.3  | 30.5  |       |       |

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#42

1,2-Dichloroethane

Concen: 49.109 ug/l

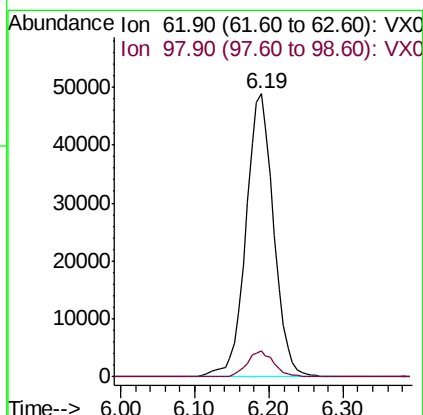
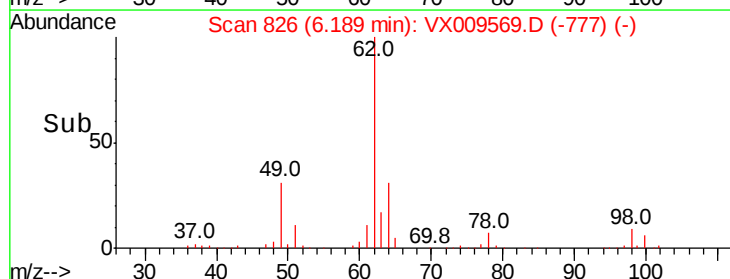
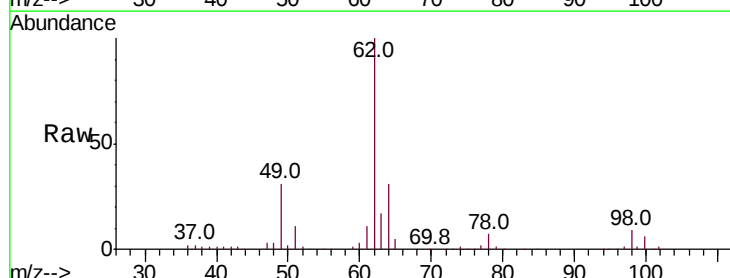
RT: 6.19 min Scan# 826

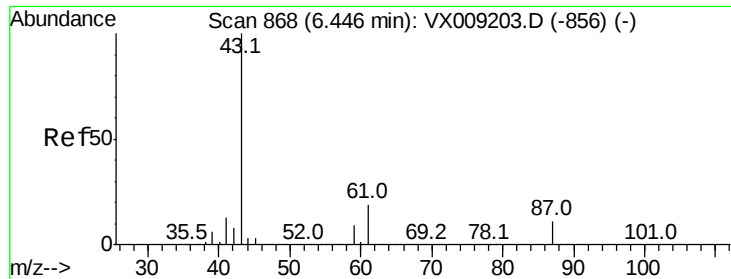
Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 127719 |       |       |
| 98      | 8.9 | 0.0   | 18.2   |       |       |





#43

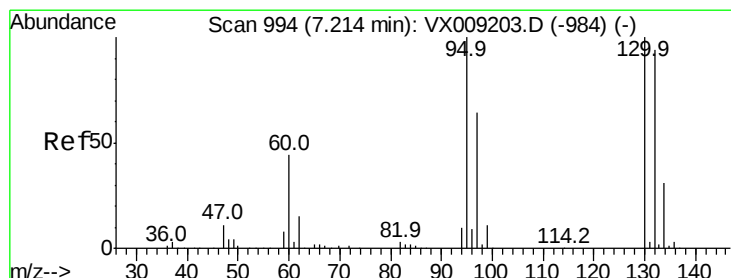
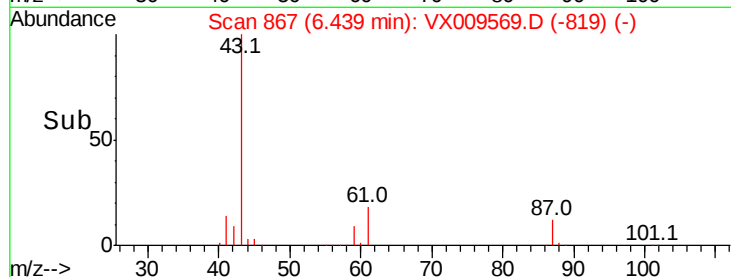
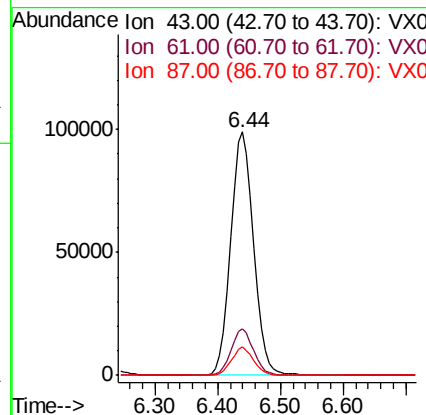
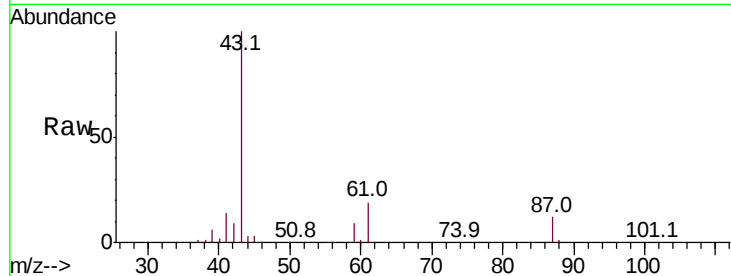
Isopropyl Acetate  
 Concen: 47.588 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.8  | 15.1  | 22.7  |
| 87      | 11.2  | 9.0   | 13.6  |

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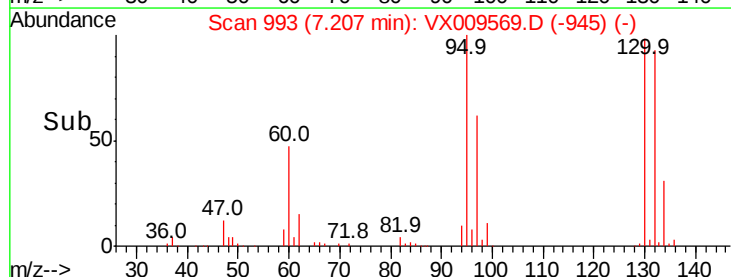
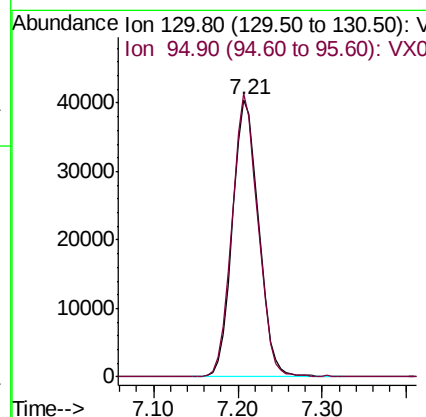
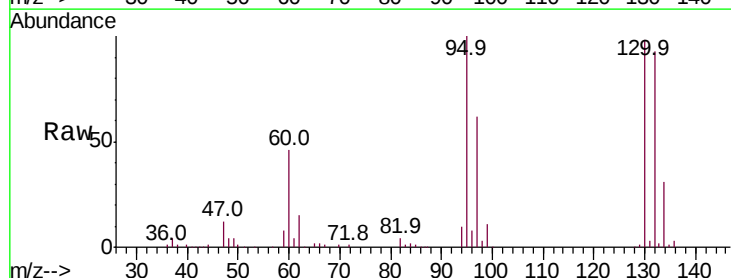
MMDadoda  
 5/16/2019 12:32:23 PM

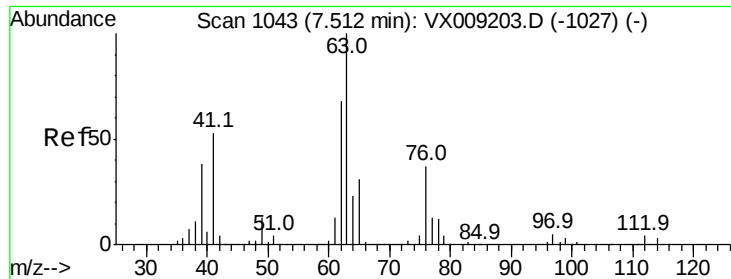


#44

Trichloroethene  
 Concen: 49.080 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.1 | 0.0   | 199.2 |





#45

1,2-Dichloropropane

Concen: 49.162 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 100927

Ion Ratio Lower Upper

63 100

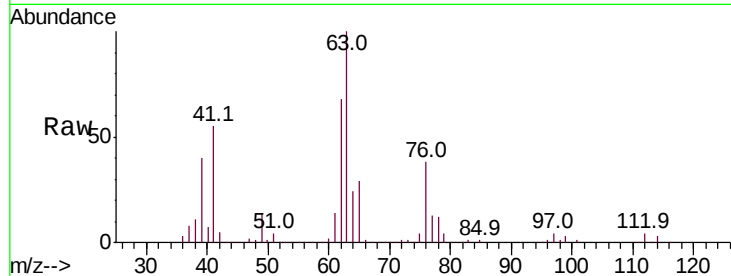
65 29.2 25.0 37.6

Manual Integrations

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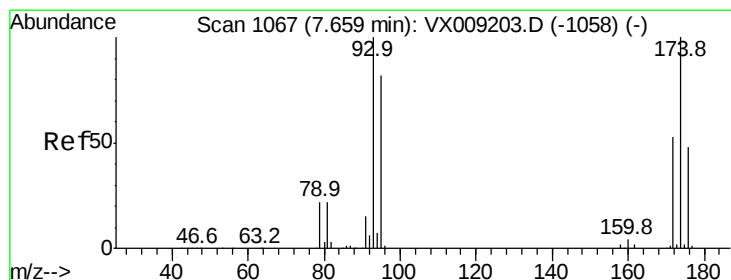
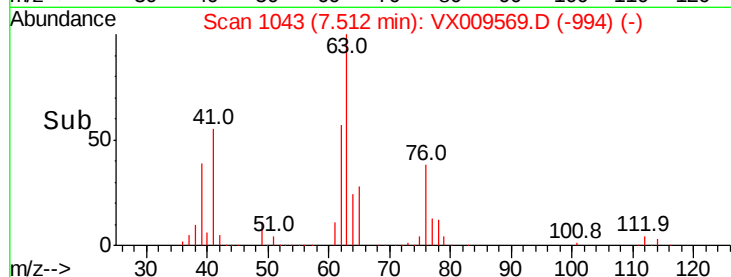
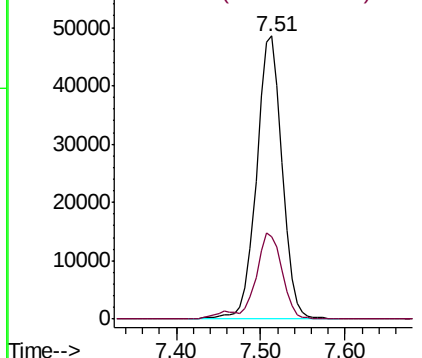
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.726 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

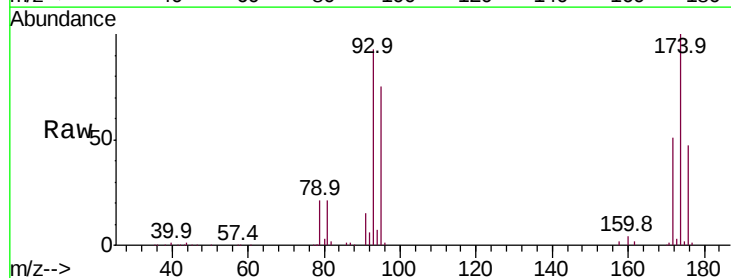
Tgt Ion: 93 Resp: 56897

Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

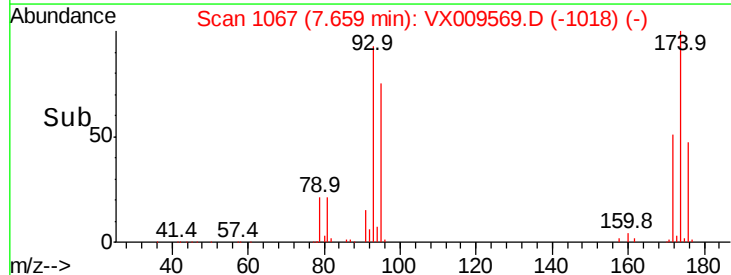
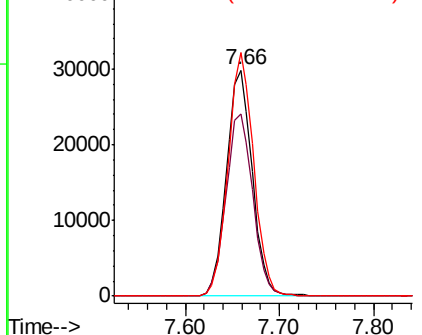
174 106.9 82.1 123.1

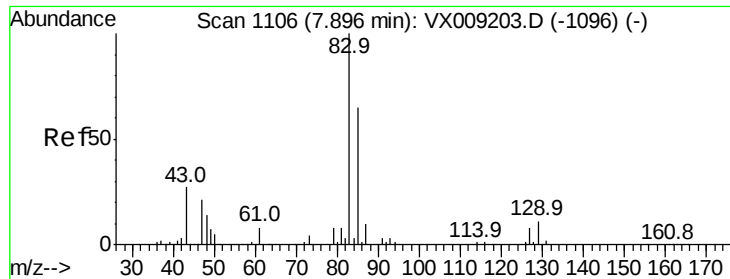


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.418 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

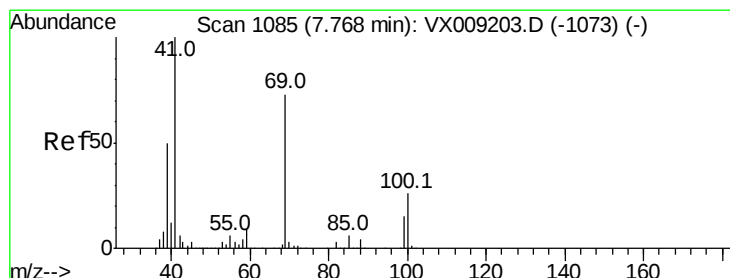
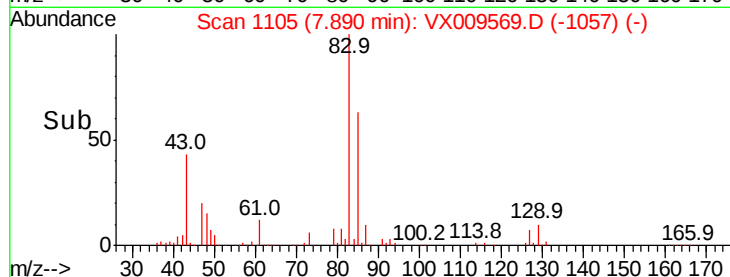
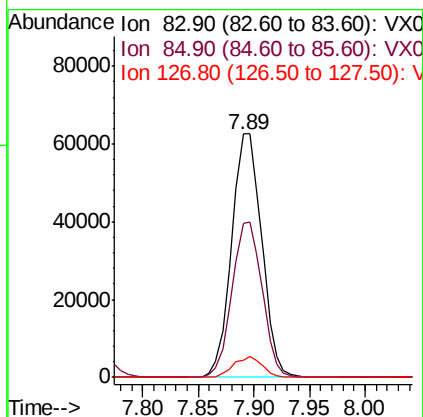
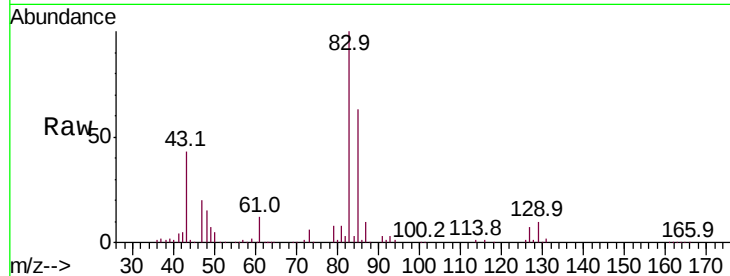
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 117519 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.1  | 52.4  | 78.6   |
| 127      | 7.3   | 6.6   | 10.0   |

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#48

Methyl methacrylate

Concen: 48.666 ug/l

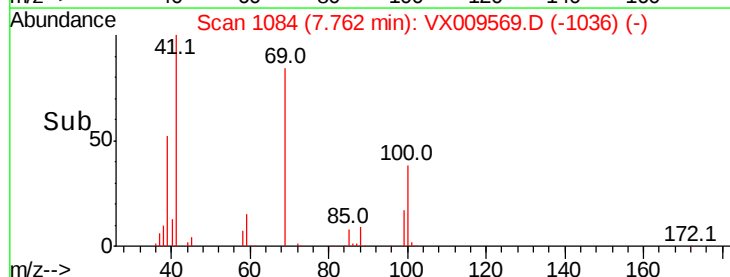
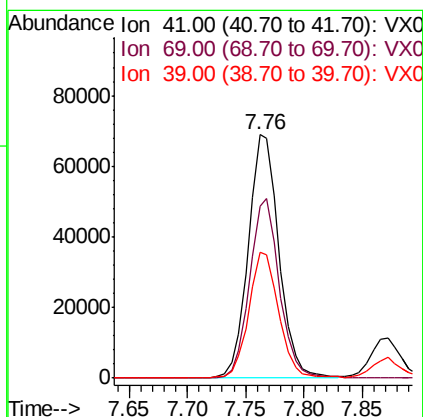
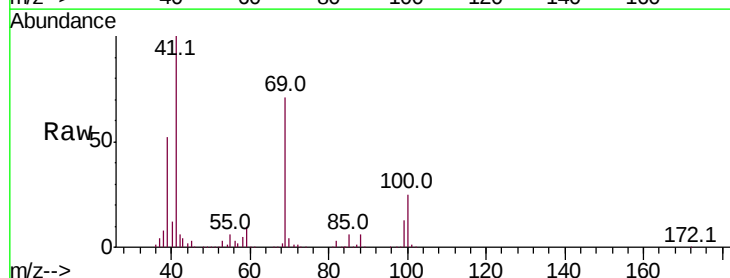
RT: 7.76 min Scan# 1084

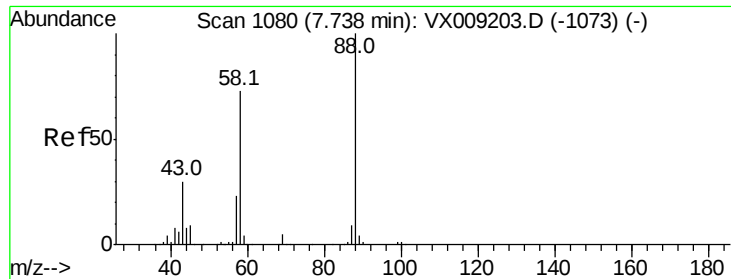
Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 126058 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 72.4  | 59.1  | 88.7   |
| 39       | 50.5  | 40.4  | 60.6   |





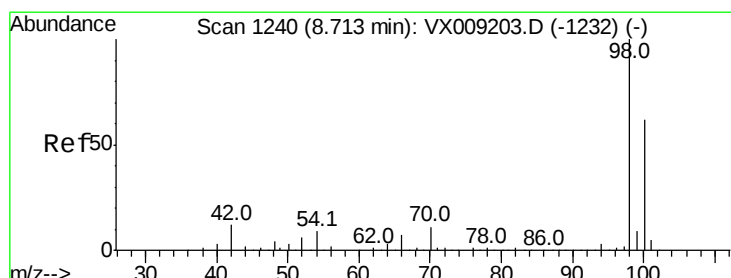
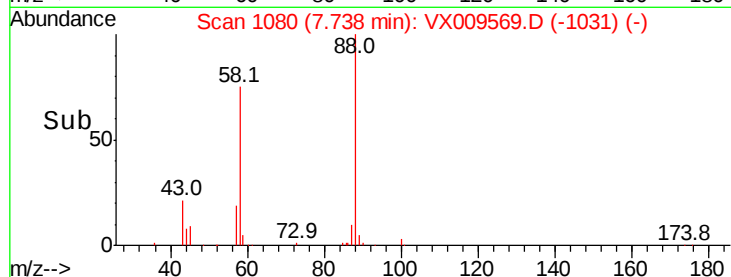
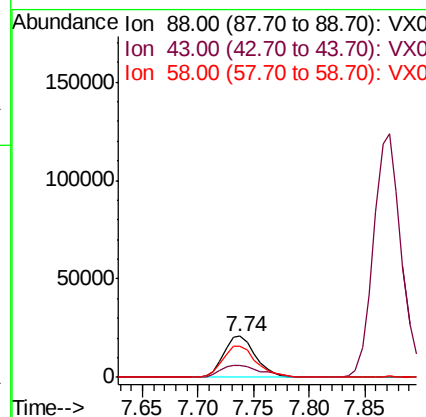
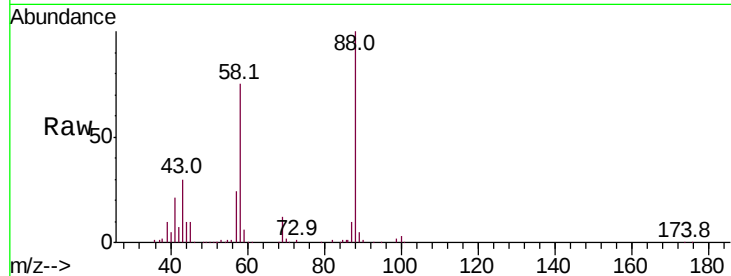
#49  
1,4-Dioxane  
Concen: 796.362 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 37.2  | 28.6  | 42.8  |
| 58      | 79.8  | 61.7  | 92.5  |

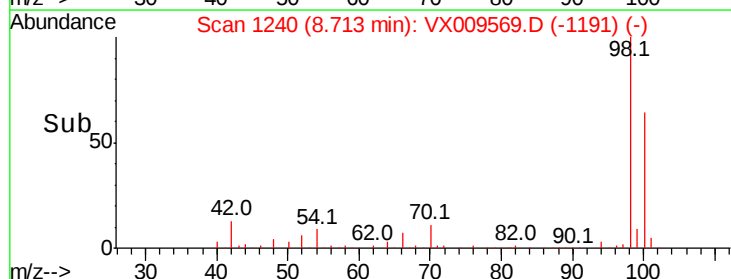
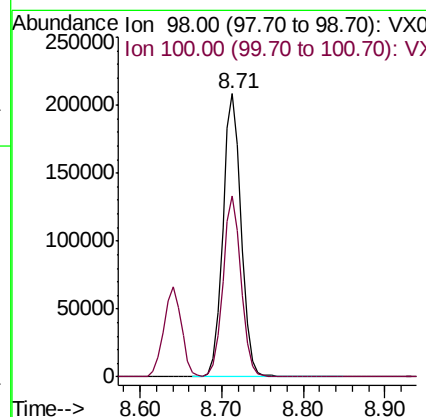
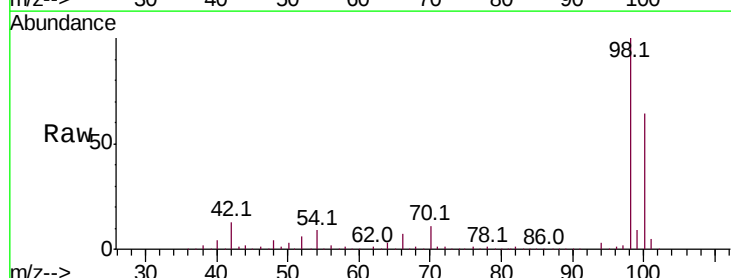
Manual Integrations  
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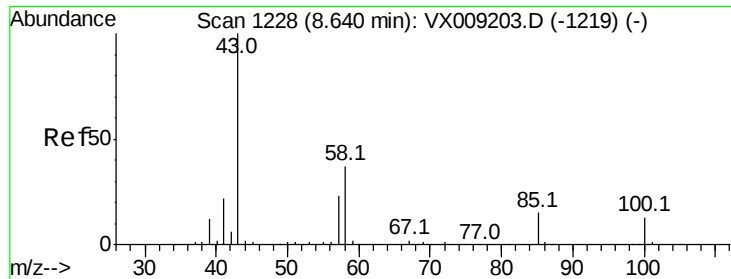
MMDadoda  
5/16/2019 12:32:23 PM



#50  
Toluene-d8  
Concen: 50.773 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.7  | 51.2  | 76.8  |





#51

4-Methyl-2-Pentanone

Concen: 239.268 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 816516

Ion Ratio Lower Upper

43 100

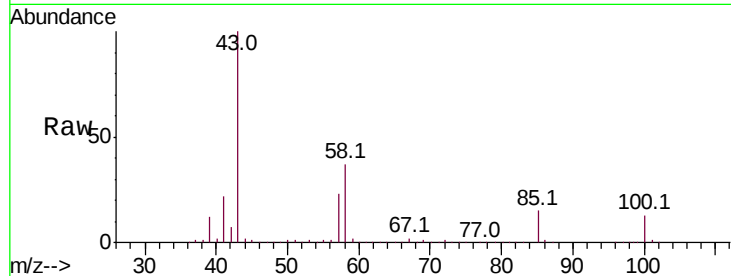
58 36.2 29.5 44.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

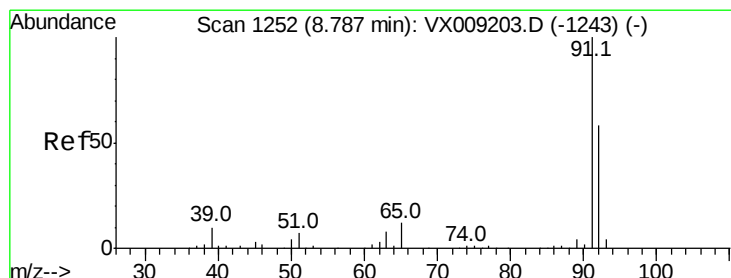
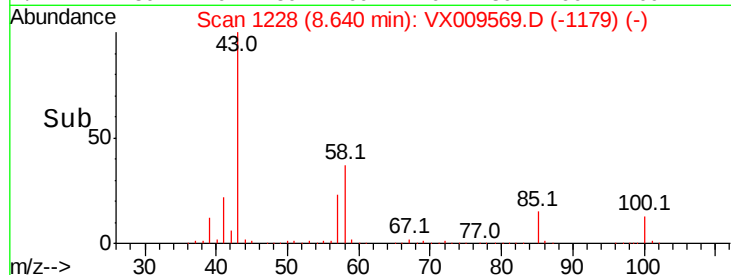
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 49.192 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009569.D

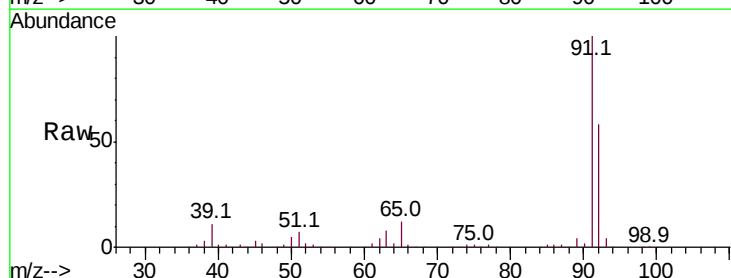
Acq: 15 May 2019 10:30

Tgt Ion: 92 Resp: 216799

Ion Ratio Lower Upper

92 100

91 172.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

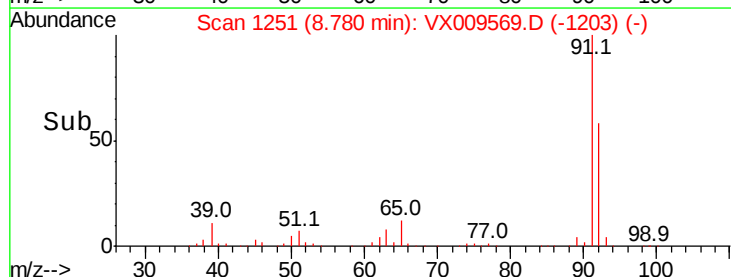
100000

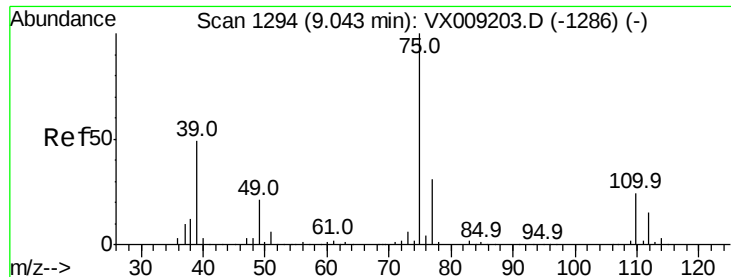
50000

0

8.70 8.75 8.80 8.85

Time-->





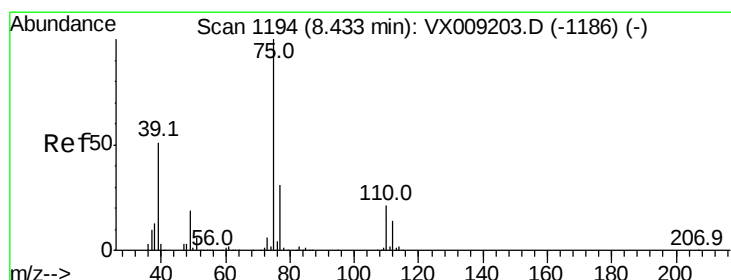
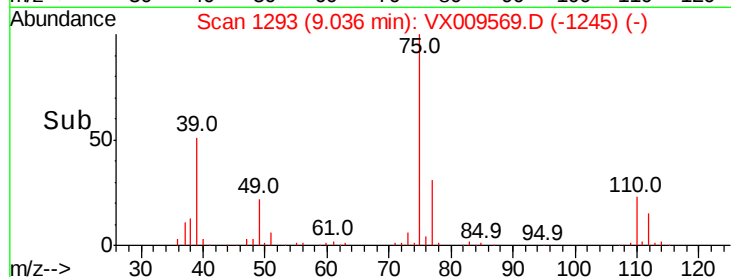
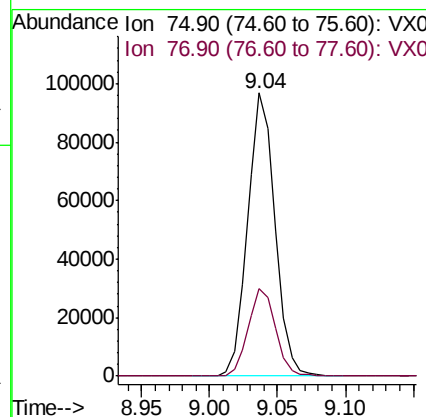
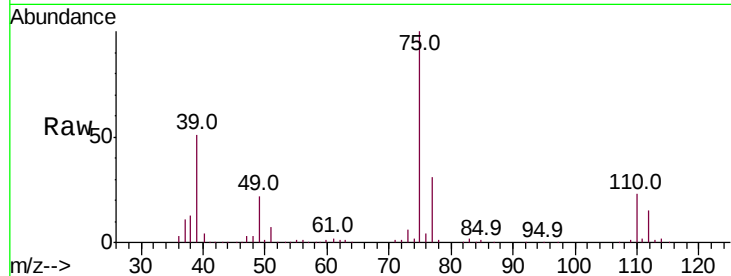
#53  
t-1,3-Dichloropropene  
Concen: 50.640 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 25.0  | 37.6  |

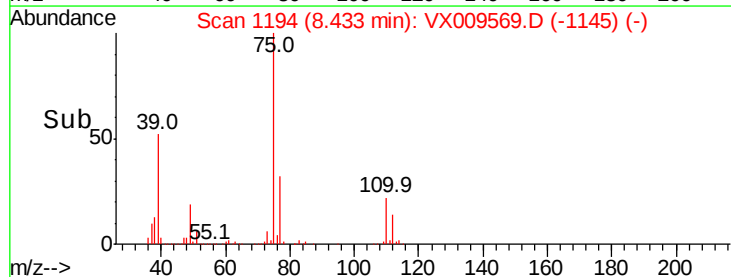
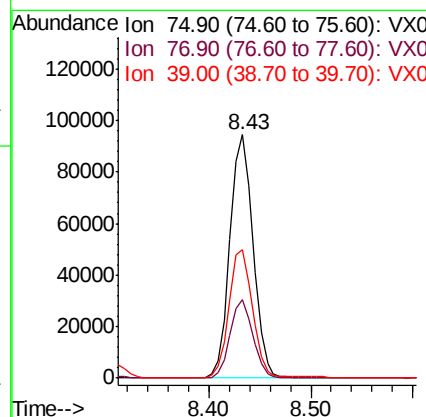
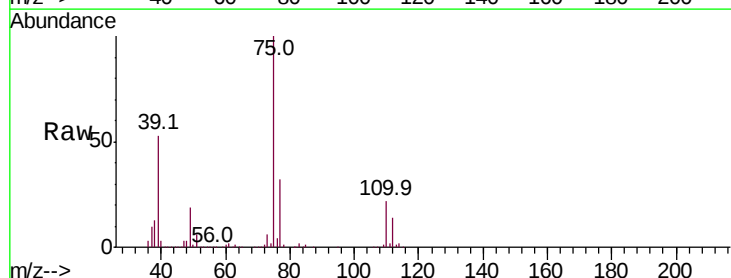
Manual Integrations  
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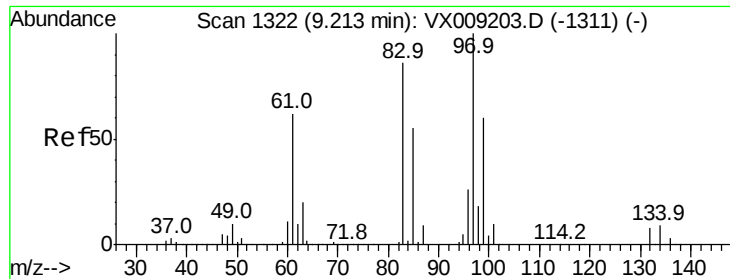
MMDadoda  
5/16/2019 12:32:23 PM



#54  
cis-1,3-Dichloropropene  
Concen: 50.105 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.1  | 24.6  | 36.8  |
| 39      | 52.4  | 40.6  | 60.8  |





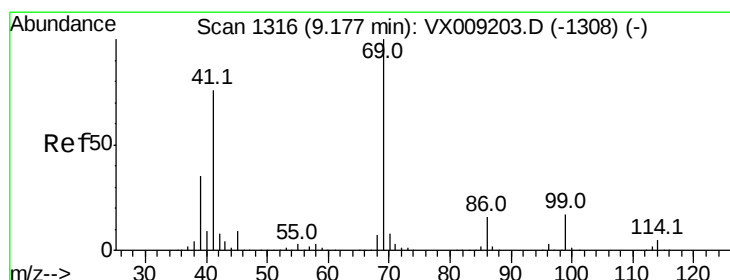
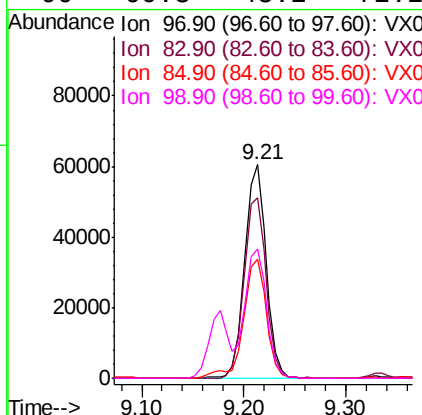
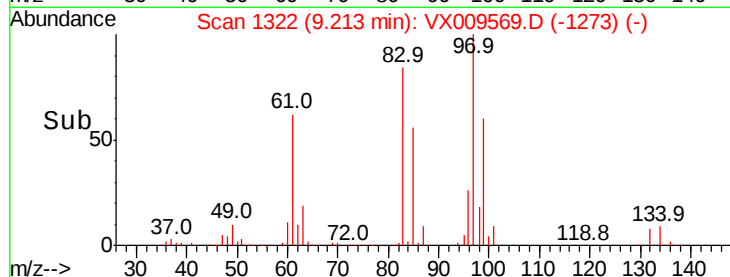
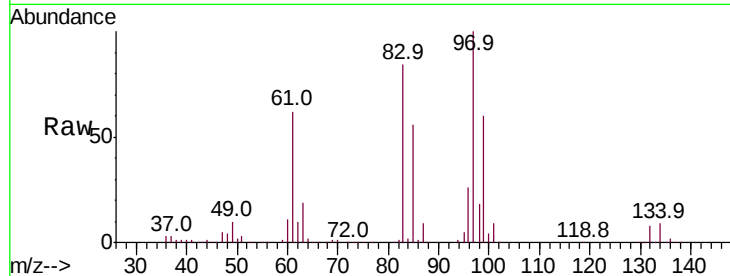
#55  
1,1,2-Trichloroethane  
Concen: 49.171 ug/l  
RT: 9.21 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 97    | Resp  | 88410 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 84.3  | 68.9  | 103.3 |
| 85      | 55.8  | 43.8  | 65.6  |
| 99      | 60.3  | 48.2  | 72.2  |

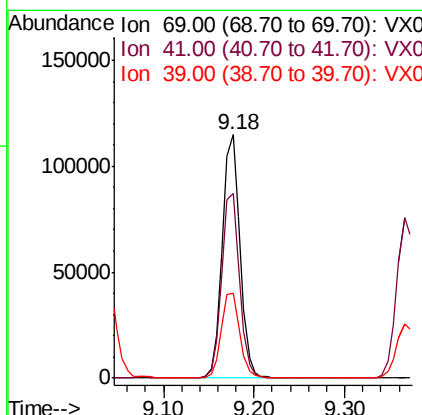
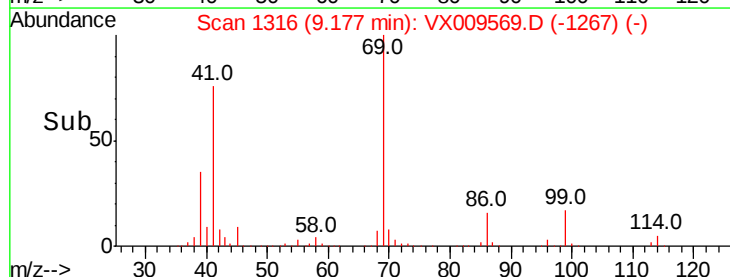
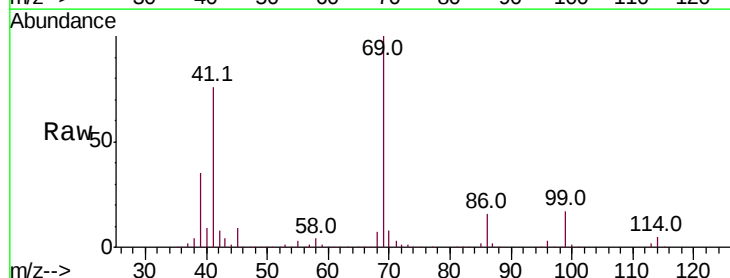
Manual Integrations  
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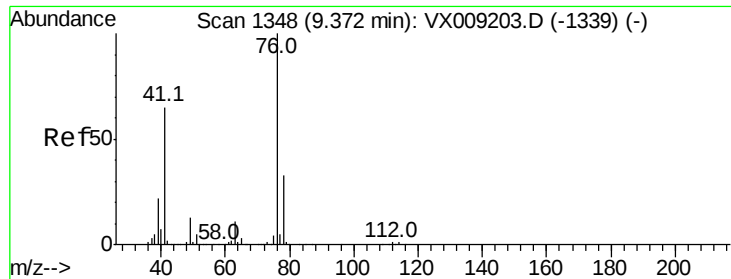
MMDadoda  
5/16/2019 12:32:23 PM



#56  
Ethyl methacrylate  
Concen: 48.818 ug/l  
RT: 9.18 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | 69    | Resp  | 156684 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 76.3  | 60.6  | 90.8   |
| 39      | 36.5  | 28.2  | 42.4   |





#57

1,3-Dichloropropane

Concen: 49.041 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009569.D

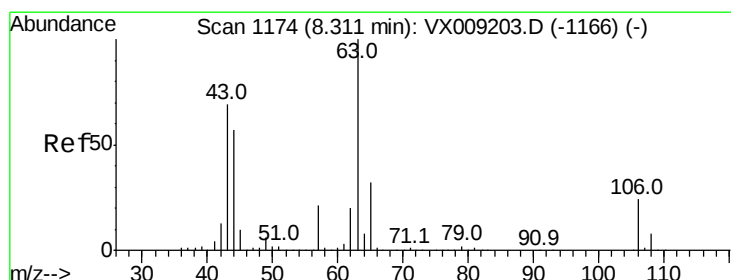
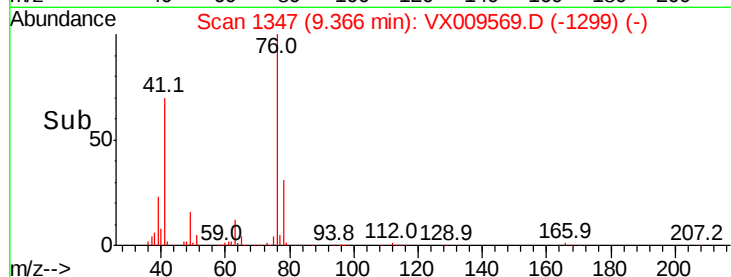
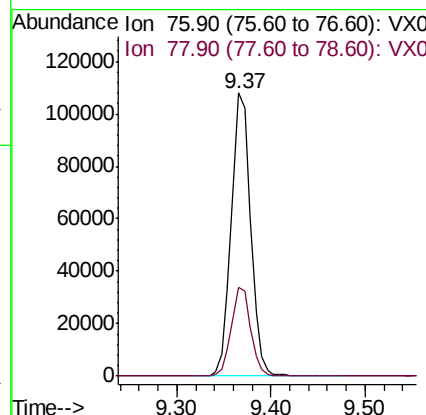
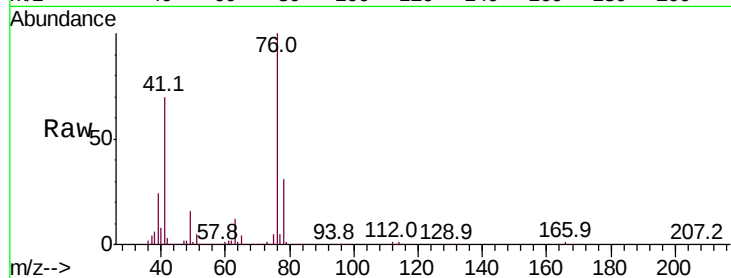
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.3  | 25.5  | 38.3  |

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 234.777 ug/l

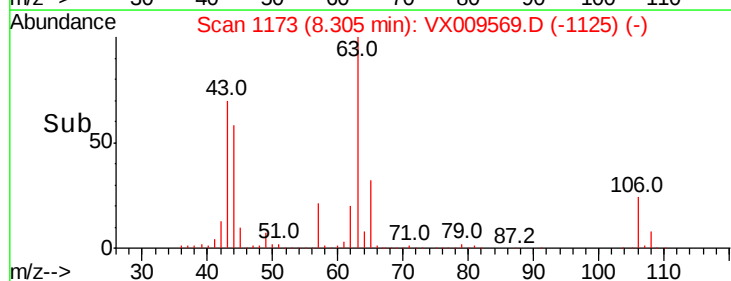
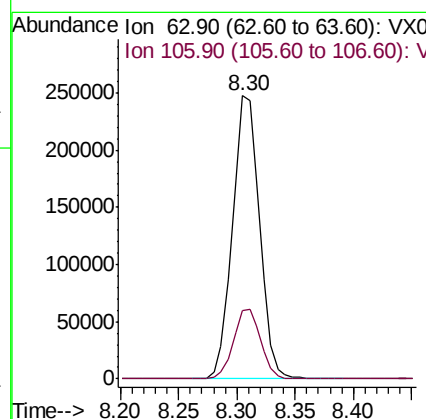
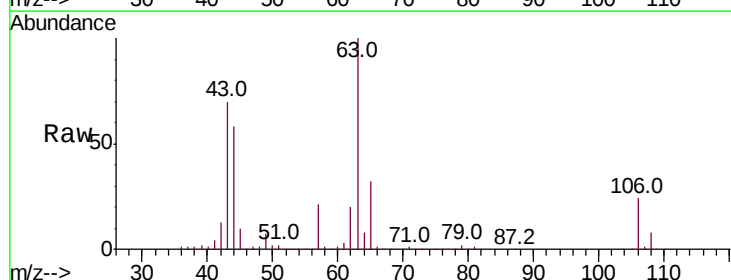
RT: 8.30 min Scan# 1173

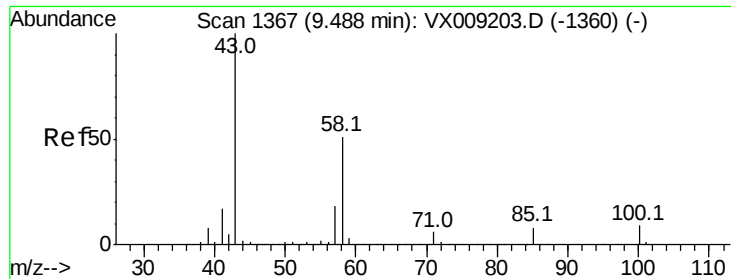
Delta R.T. -0.01 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 24.7  | 19.7  | 29.5  |





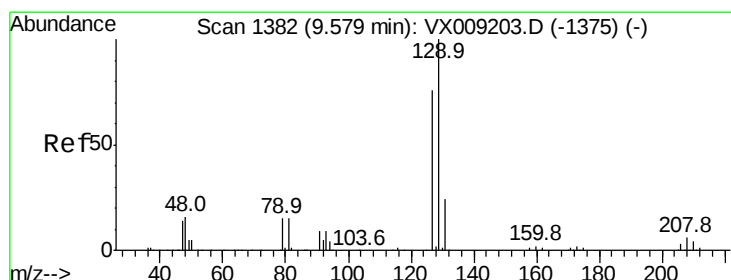
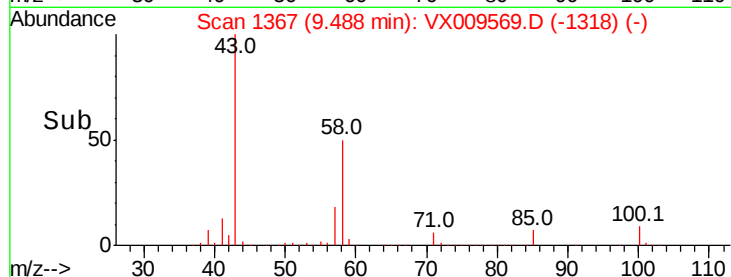
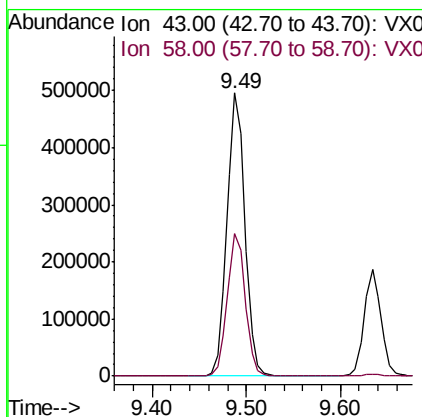
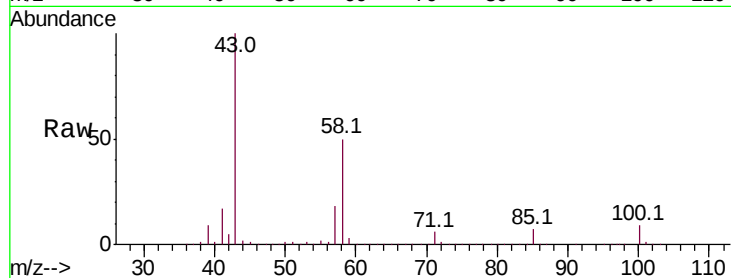
#59  
2-Hexanone  
Concen: 244.108 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 654253  
Ion Ratio Lower Upper  
43 100  
58 50.8 25.9 77.7

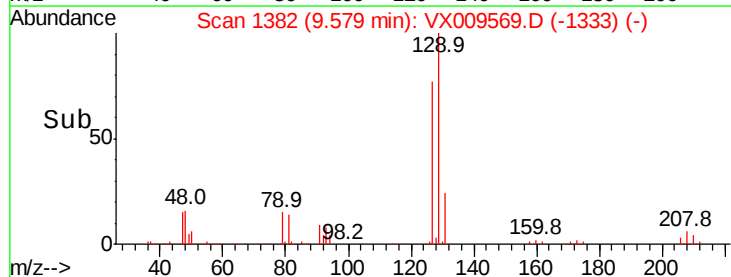
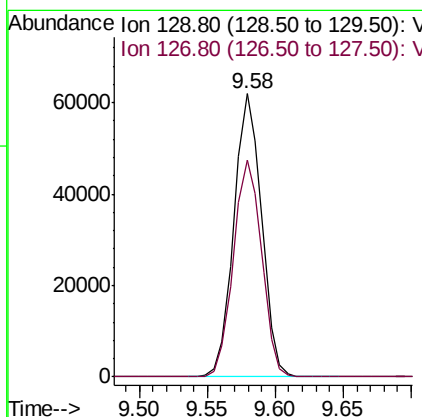
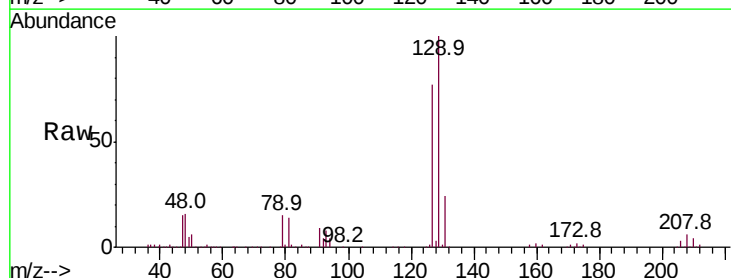
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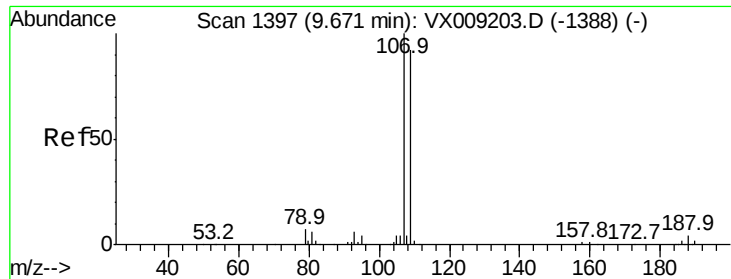
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#60  
Dibromochloromethane  
Concen: 49.977 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Tgt Ion: 129 Resp: 87763  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.961 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 88862

Ion Ratio Lower Upper

107 100

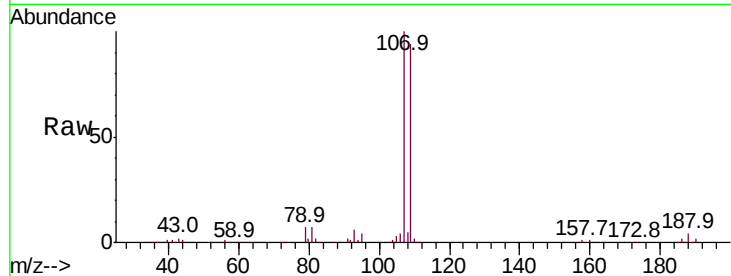
109 94.7 75.2 112.8

Manual Integrations

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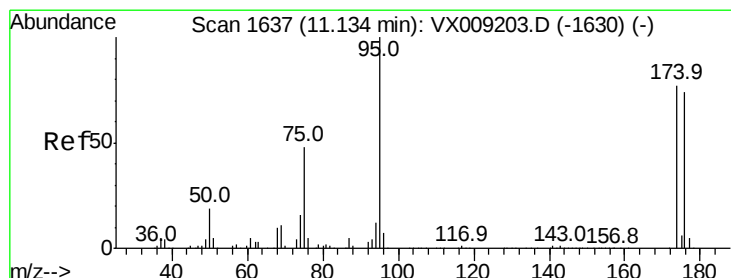
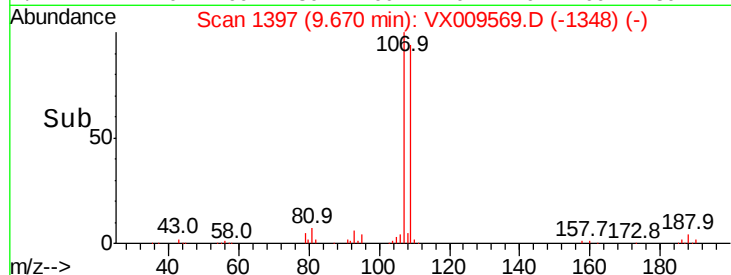
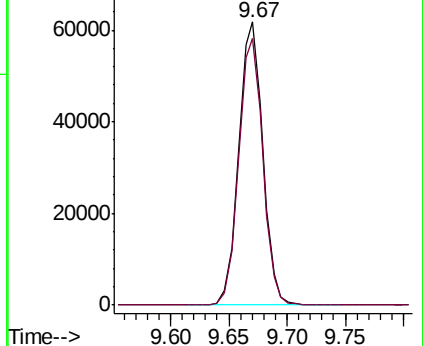
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.966 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

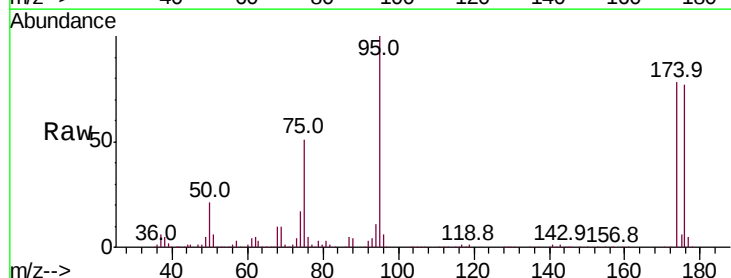
Tgt Ion: 95 Resp: 123132

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

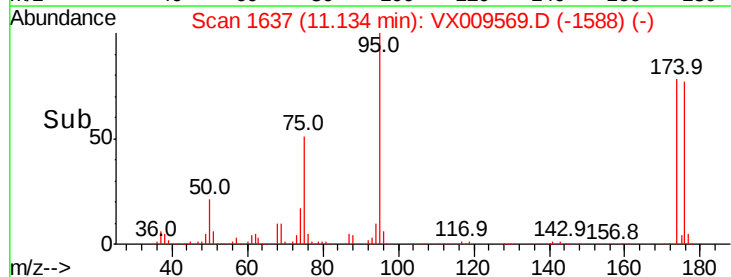
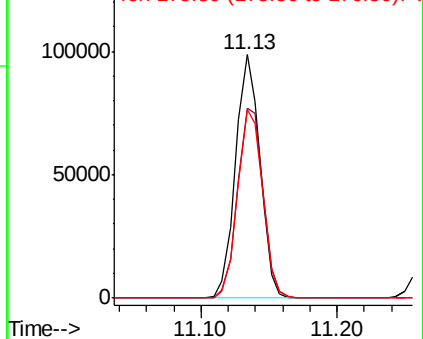
176 79.6 0.0 159.2

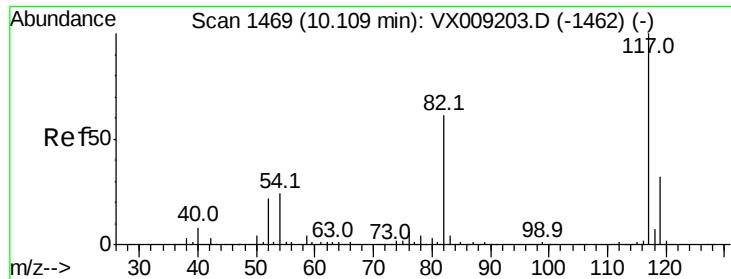


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:117 Resp: 228976

Ion Ratio Lower Upper

117 100

82 59.0 48.8 73.2

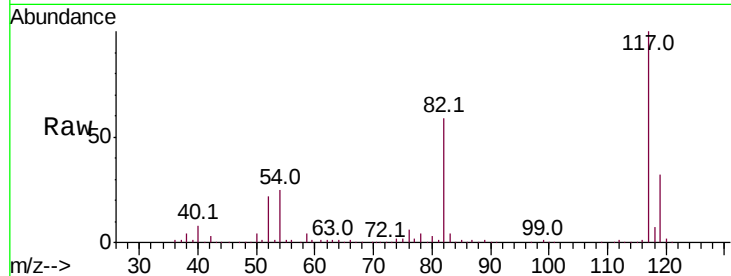
119 31.8 25.8 38.6

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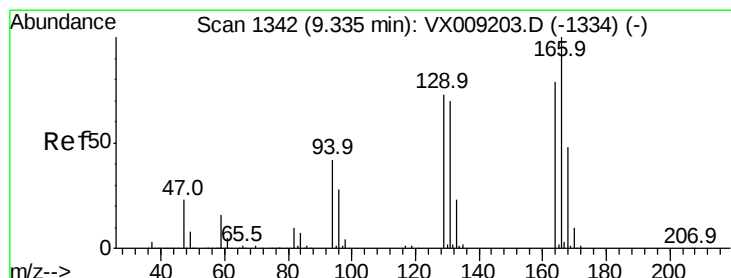
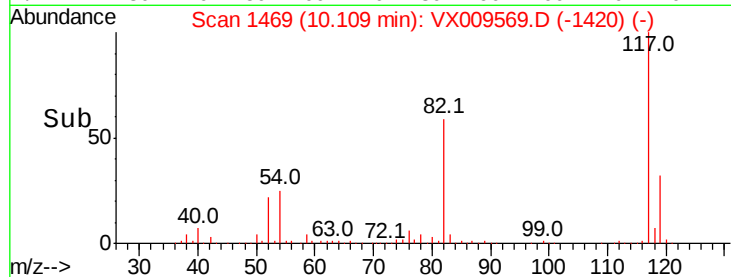
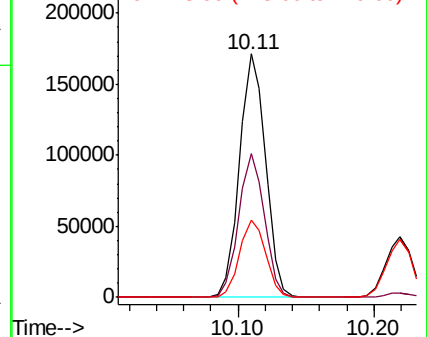
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.951 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Tgt Ion:164 Resp: 80027

Ion Ratio Lower Upper

164 100

166 128.7 101.2 151.8

129 91.2 74.3 111.5

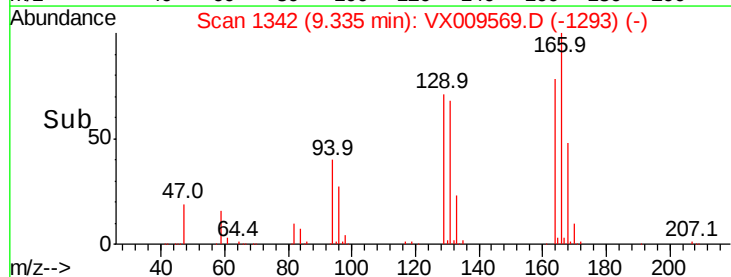
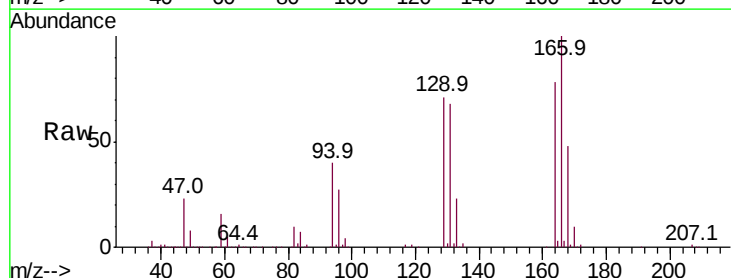
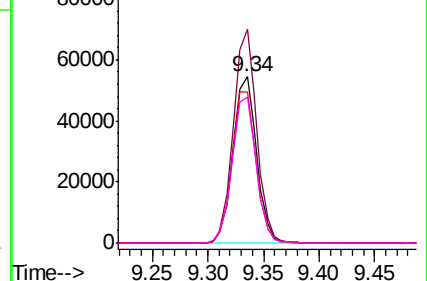
131 87.6 71.0 106.6

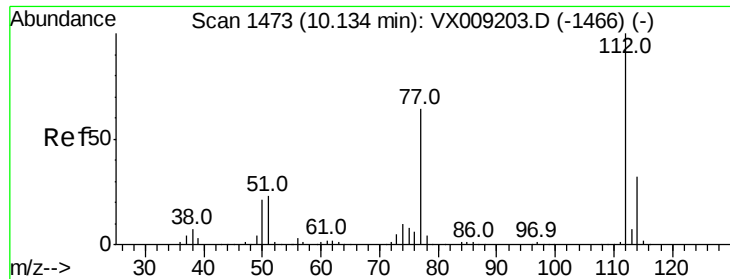
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.803 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 228125

Ion Ratio Lower Upper

112 100

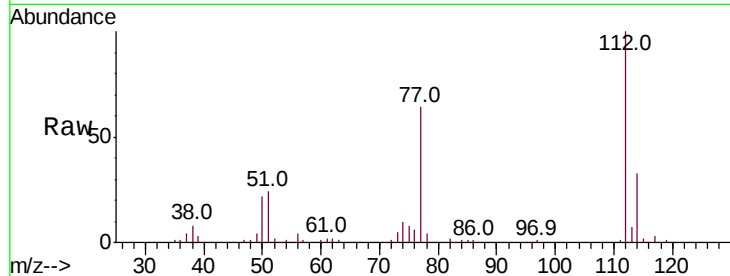
114 32.5 25.5 38.3

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

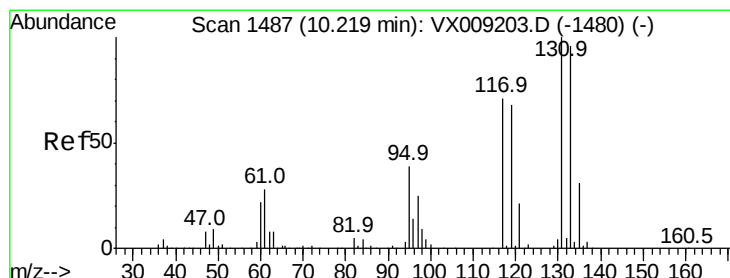
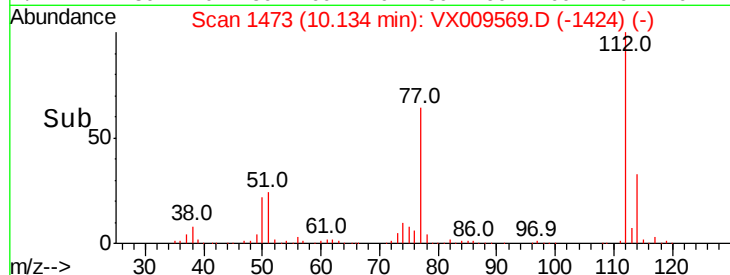
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.603 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

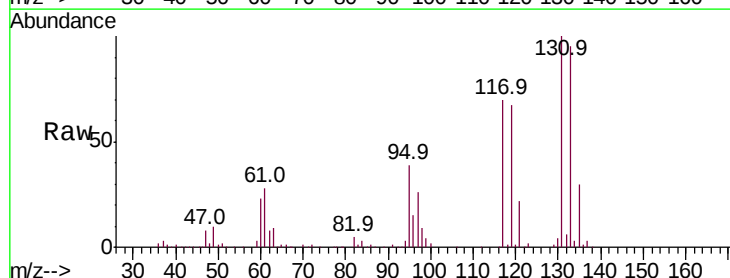
Tgt Ion:131 Resp: 82372

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

119 66.1 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

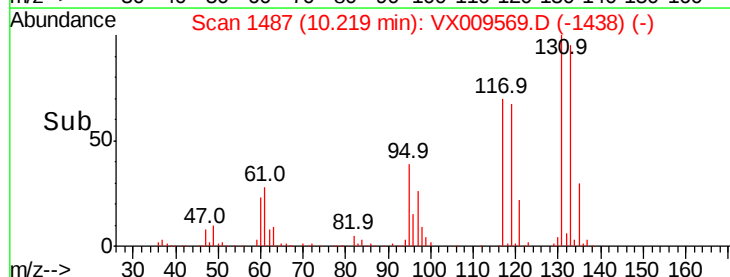
40000

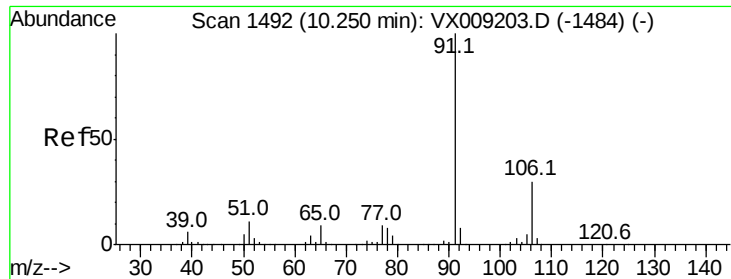
20000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 50.250 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 423608

Ion Ratio Lower Upper

91 100

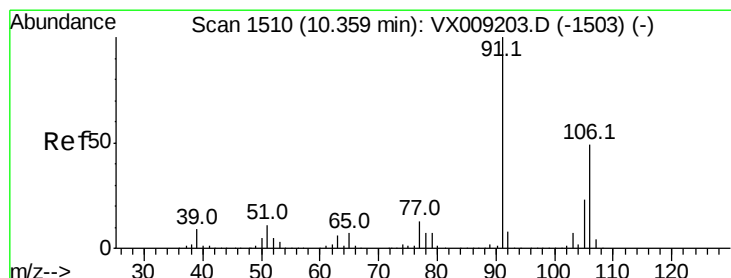
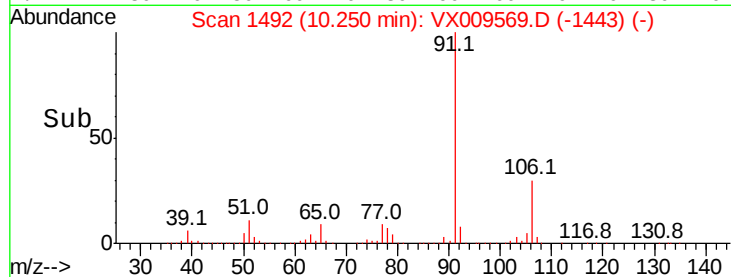
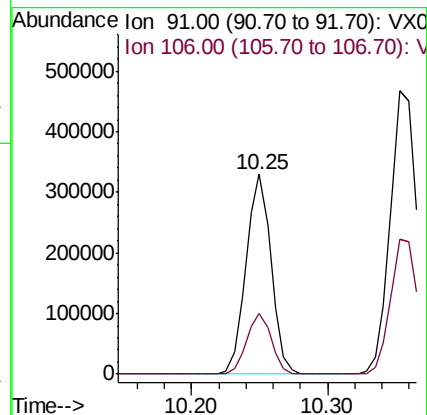
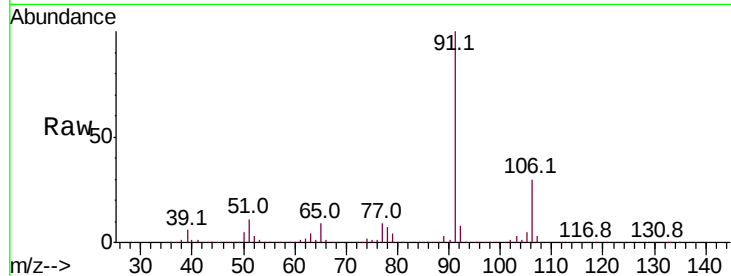
106 30.4 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.547 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009569.D

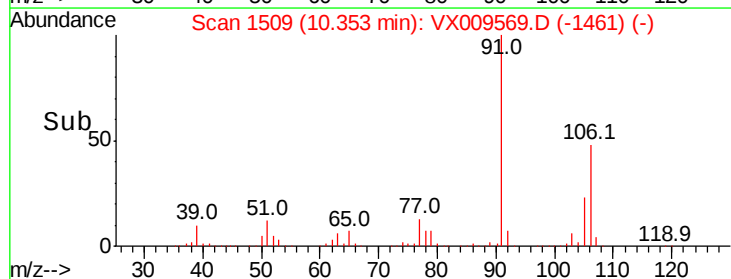
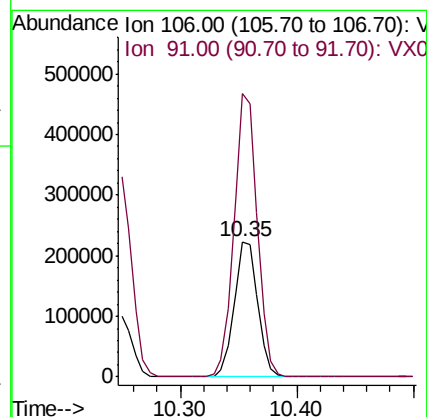
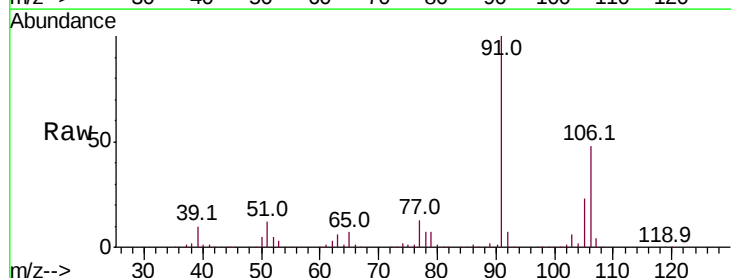
Acq: 15 May 2019 10:30

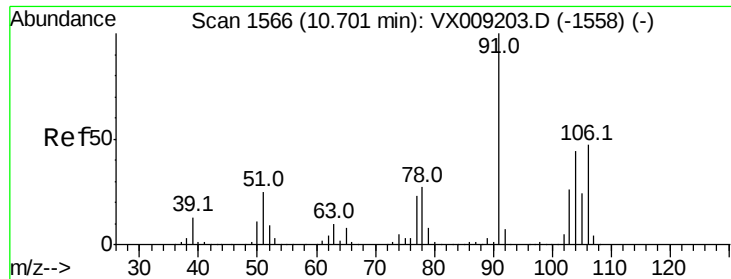
Tgt Ion: 106 Resp: 312823

Ion Ratio Lower Upper

106 100

91 207.0 164.0 246.0





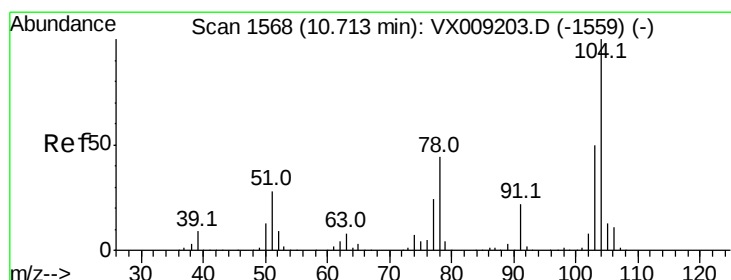
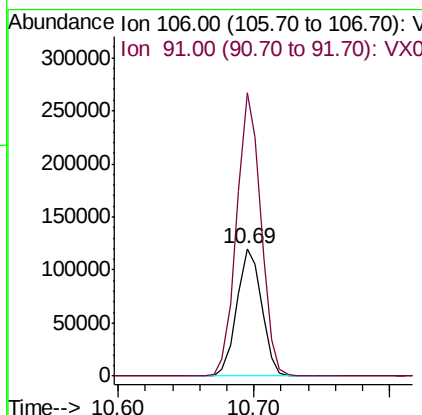
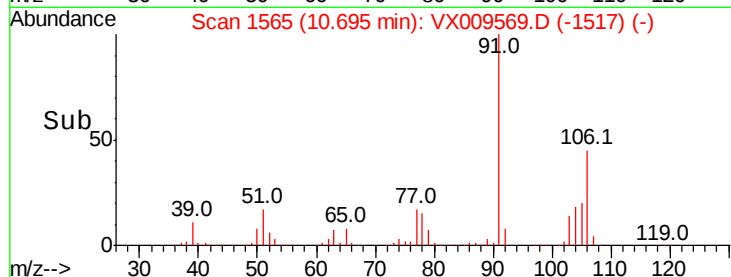
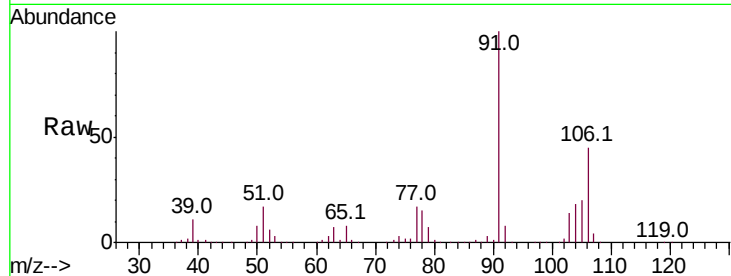
#69  
o-Xylene  
Concen: 50.041 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 152096  
Ion Ratio Lower Upper  
106 100  
91 217.7 109.5 328.4

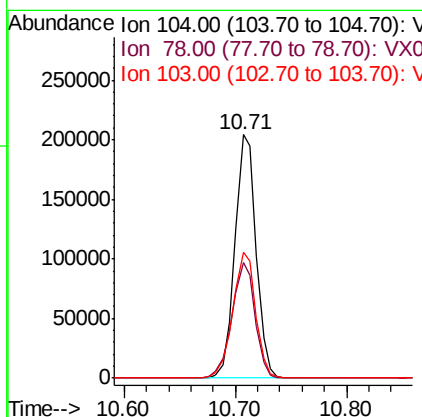
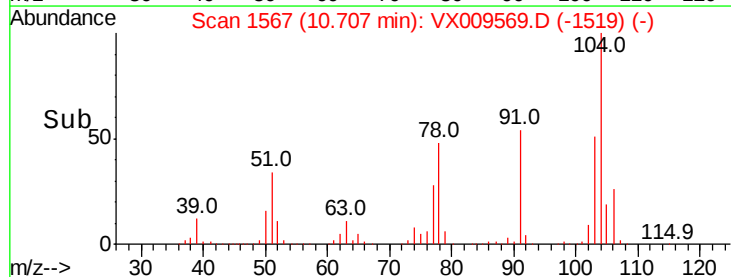
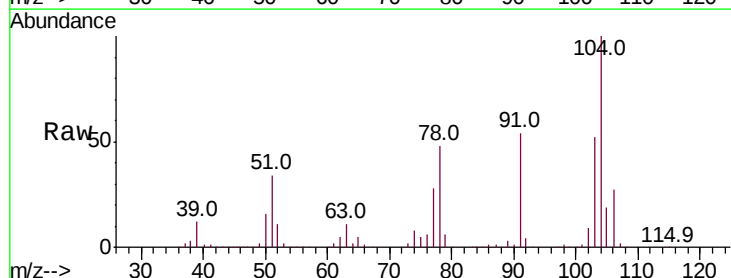
Manual Integrations  
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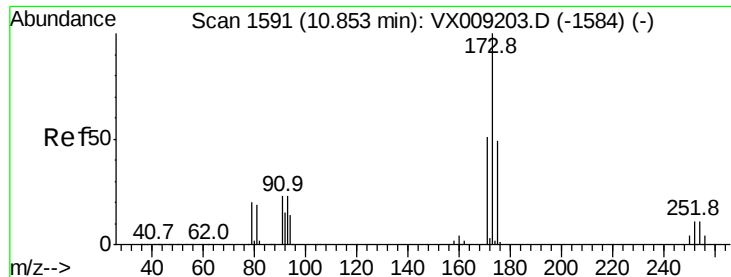
MMDadoda  
5/16/2019 12:32:23 PM



#70  
Styrene  
Concen: 50.789 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Tgt Ion:104 Resp: 268309  
Ion Ratio Lower Upper  
104 100  
78 51.6 41.0 61.4  
103 55.6 43.8 65.6





#71

Bromoform

Concen: 49.946 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 67403

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

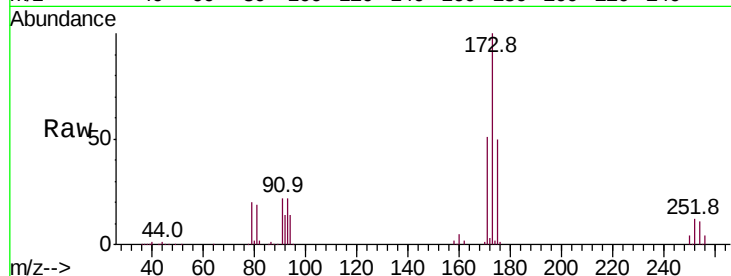
254 0.1 0.1 0.1#

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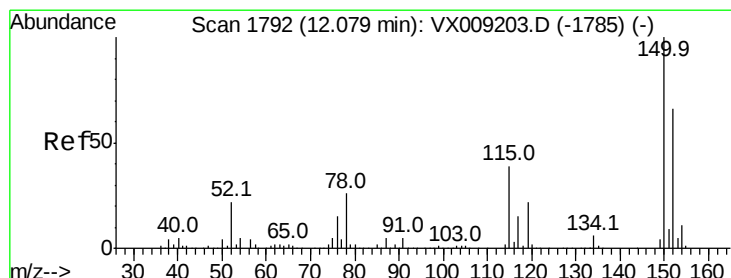
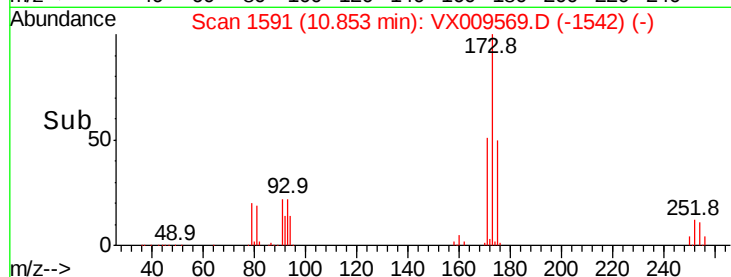
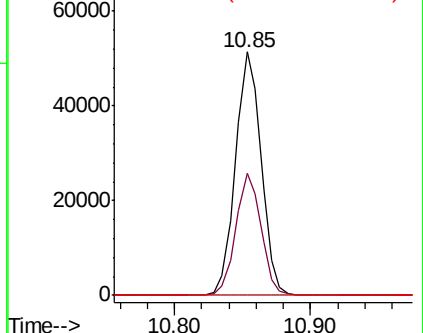
5/16/2019 12:32:23 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

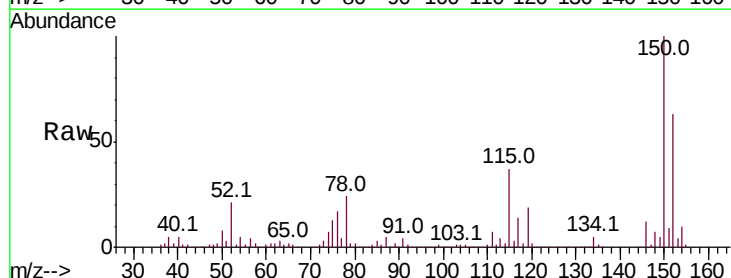
Tgt Ion:152 Resp: 119377

Ion Ratio Lower Upper

152 100

115 81.0 41.2 123.6

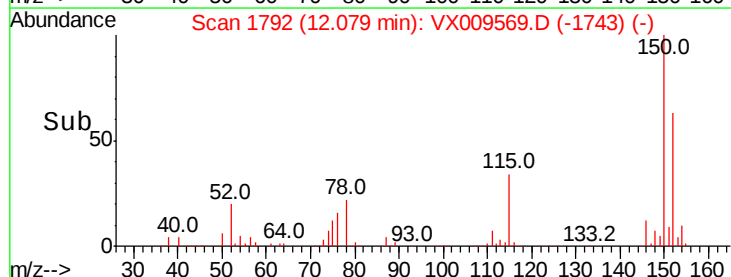
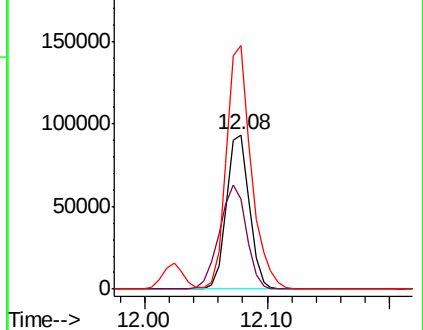
150 171.9 0.0 346.4

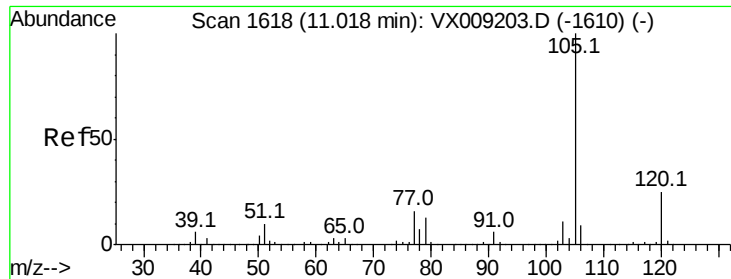


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.411 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 411575

Ion Ratio Lower Upper

105 100

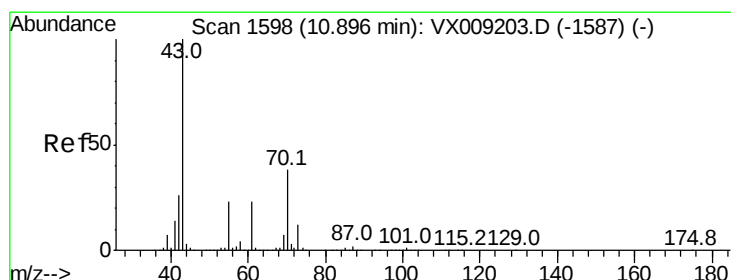
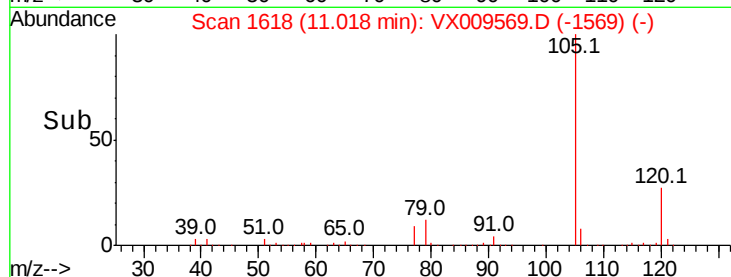
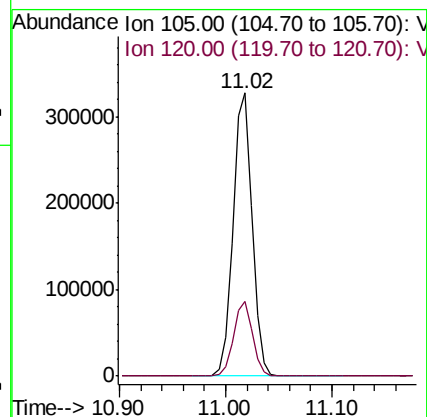
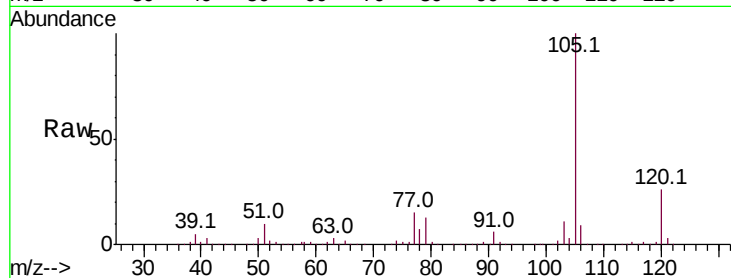
120 25.9 12.8 38.3

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#74

N-ethyl acetate

Concen: 46.239 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Tgt Ion: 43 Resp: 234018

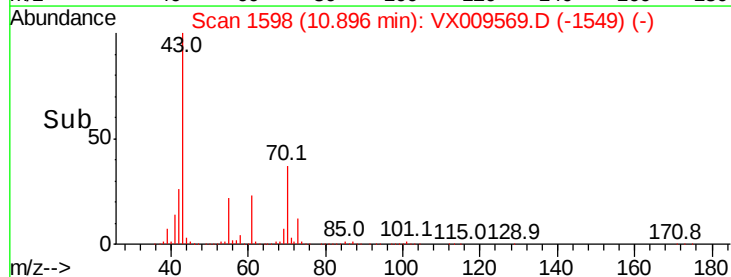
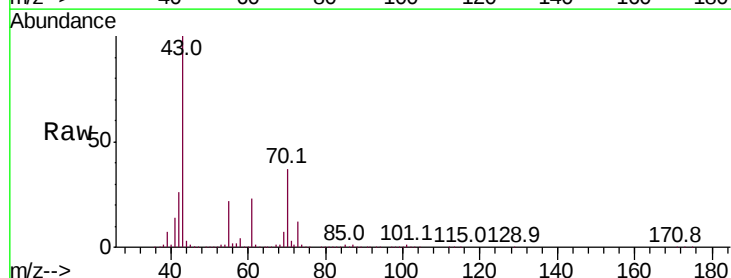
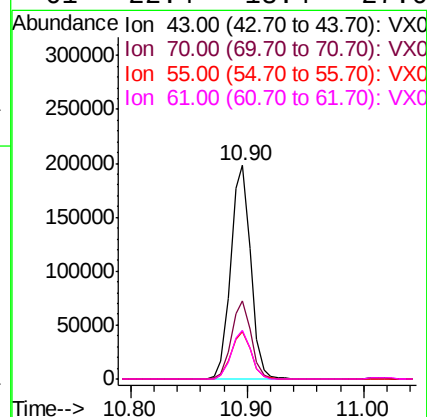
Ion Ratio Lower Upper

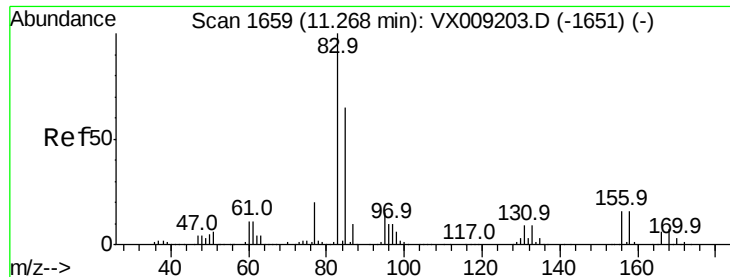
43 100

70 36.1 30.0 45.0

55 22.6 17.9 26.9

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.939 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

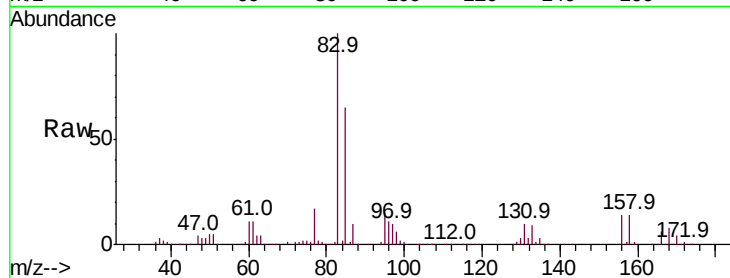
ClientSampled :

VSTDCCC050

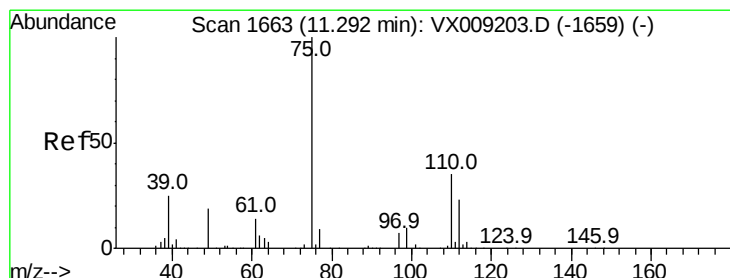
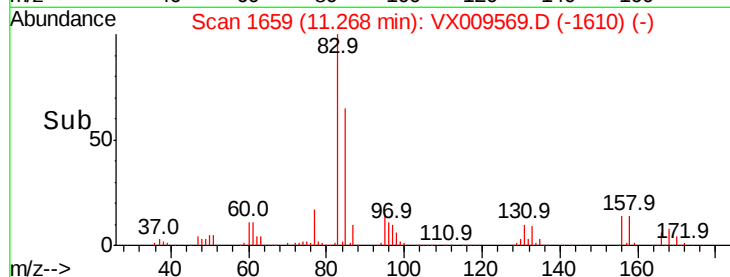
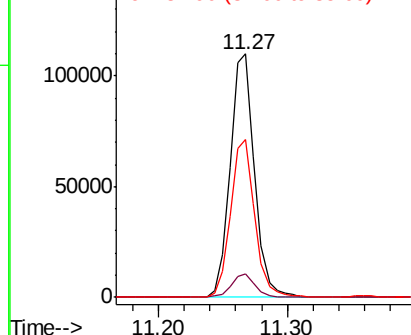
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 145429 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.3   | 4.6   | 13.8   |
| 85        | 64.8  | 32.0  | 96.2   |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.870 ug/l m

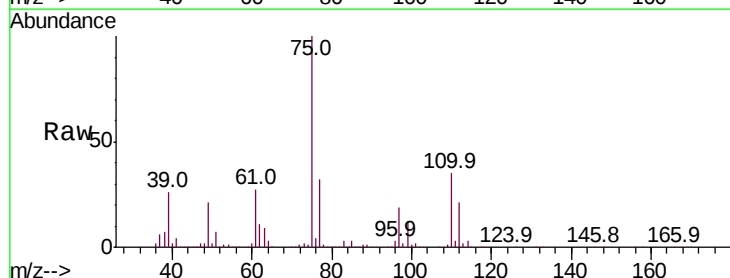
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

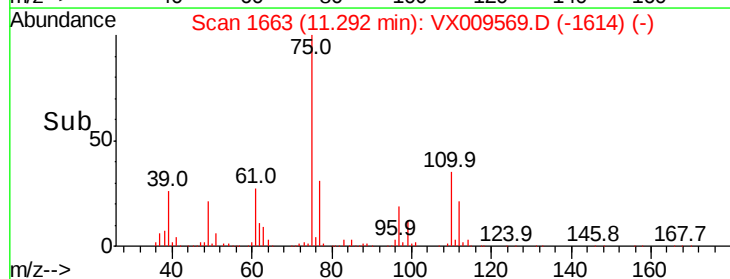
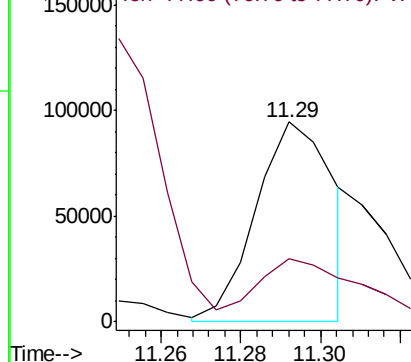
Lab File: VX009569.D

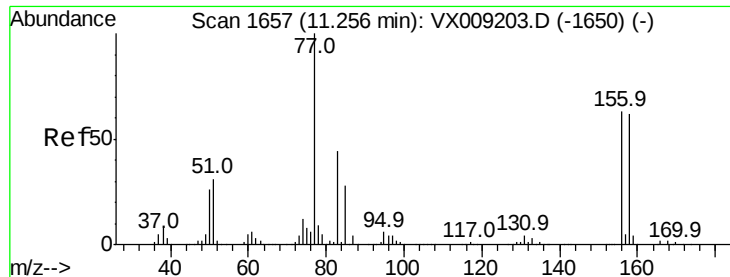
Acq: 15 May 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 127020 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 43.0  | 22.1  | 66.1   |



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.962 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 101186

Ion Ratio Lower Upper

156 100

77 168.7 84.8 254.3

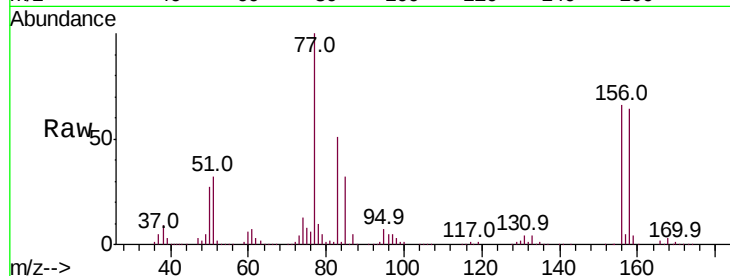
158 96.8 49.1 147.3

Manual Integrations

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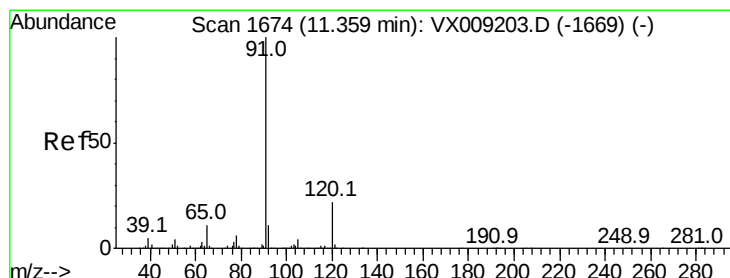
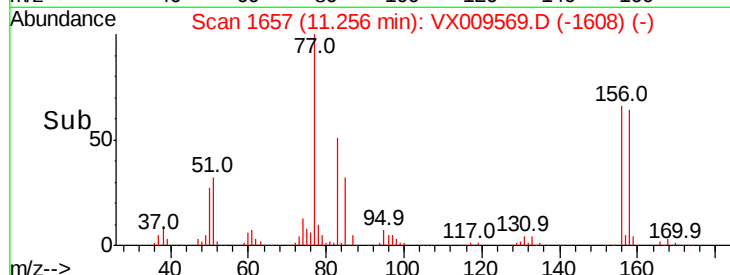
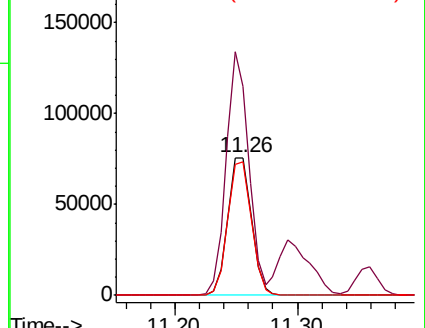
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.644 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009569.D

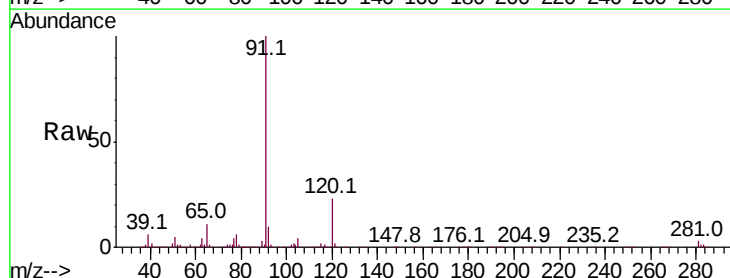
Acq: 15 May 2019 10:30

Tgt Ion: 91 Resp: 482258

Ion Ratio Lower Upper

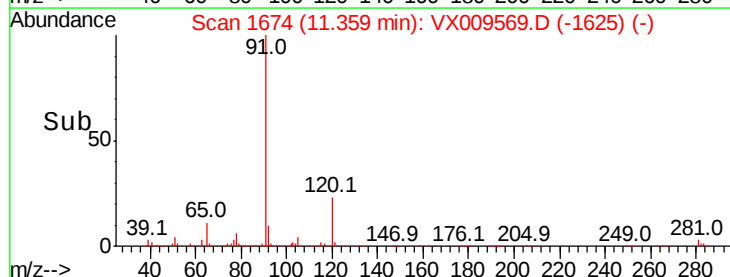
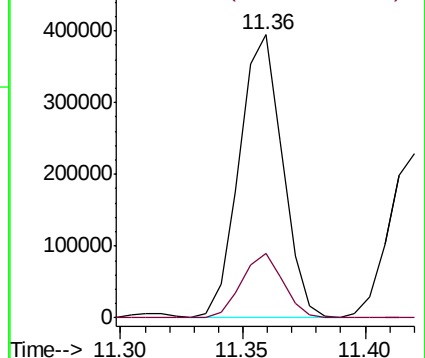
91 100

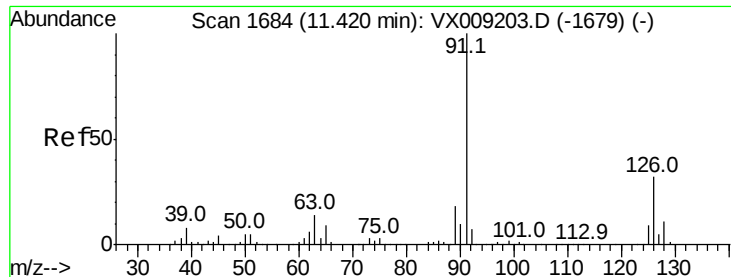
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.118 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 282078

Ion Ratio Lower Upper

91 100

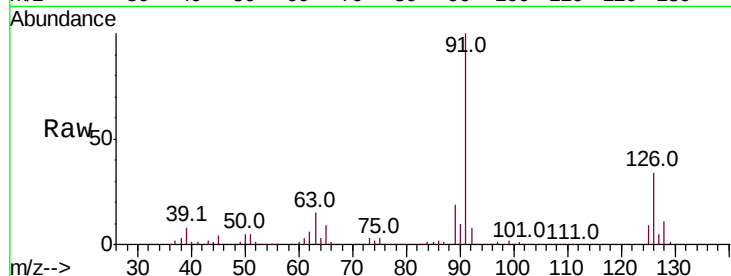
126 33.2 16.3 48.9

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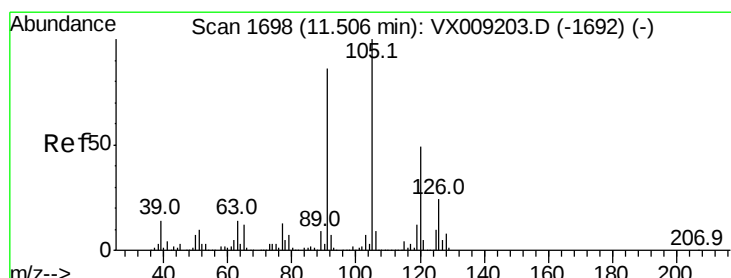
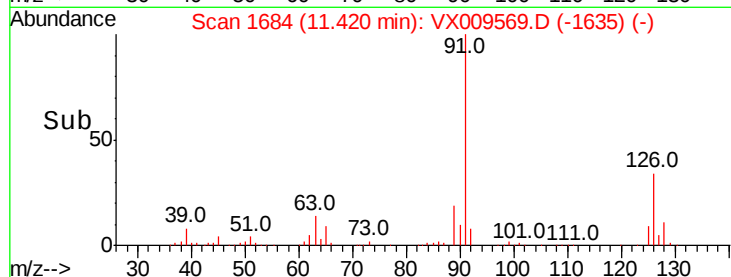
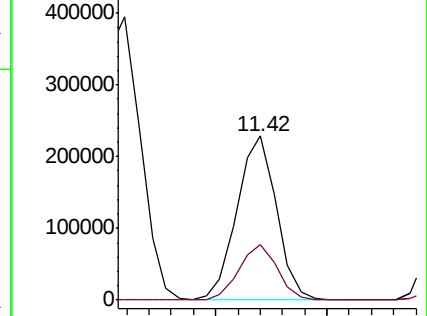
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.899 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009569.D

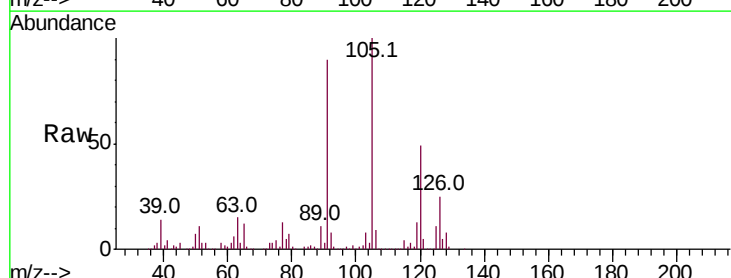
Acq: 15 May 2019 10:30

Tgt Ion:105 Resp: 350111

Ion Ratio Lower Upper

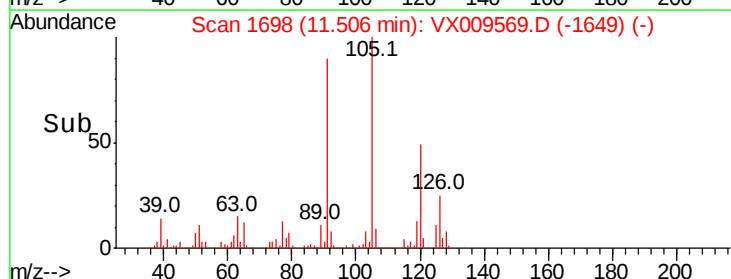
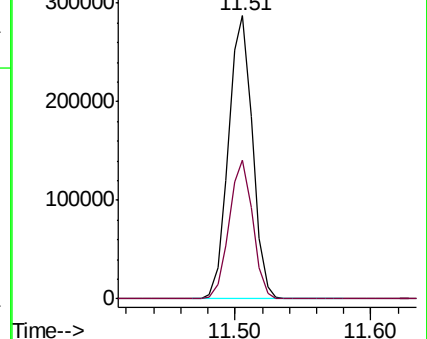
105 100

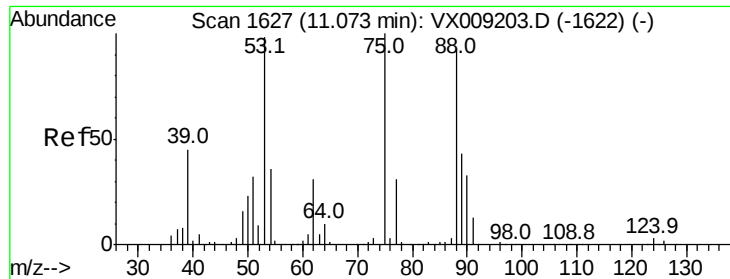
120 48.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.838 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

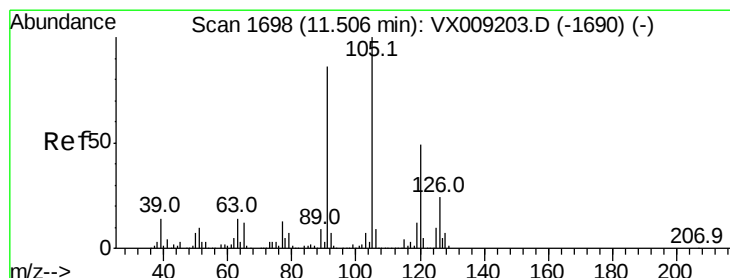
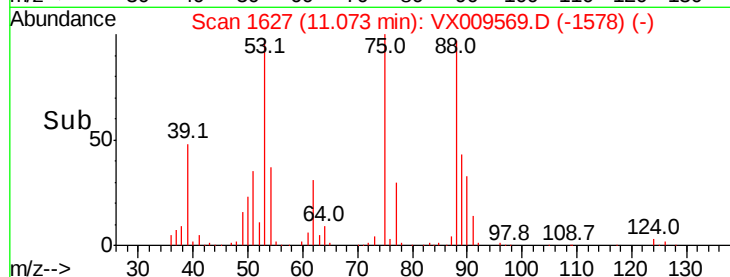
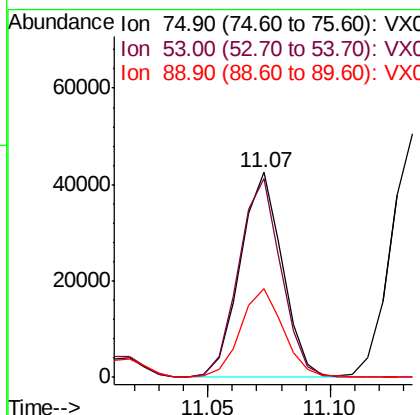
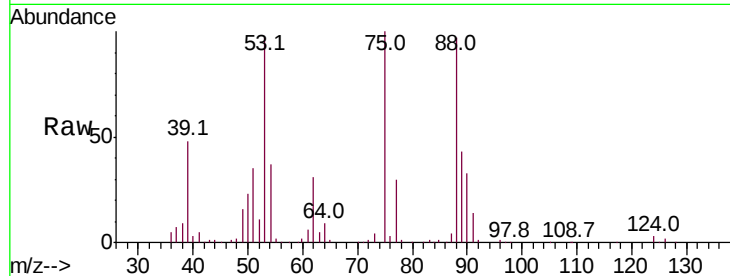
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 50691 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 97.8  | 79.0  | 118.6 |
| 89        | 44.2  | 34.7  | 52.1  |

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#82

4-Chlorotoluene

Concen: 47.654 ug/l

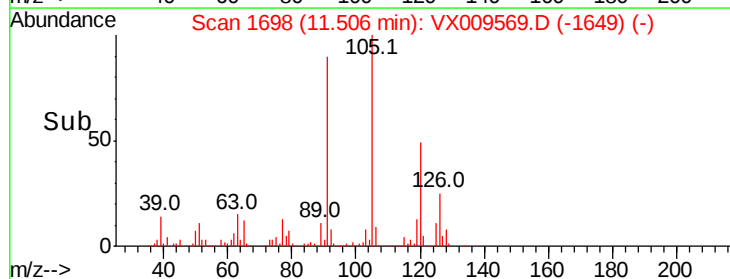
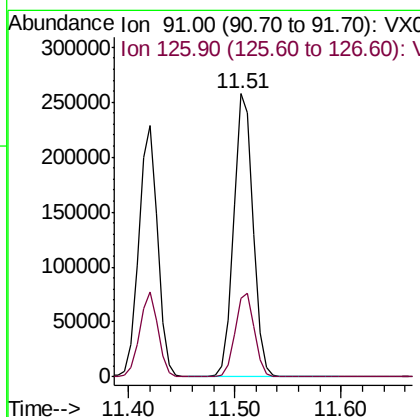
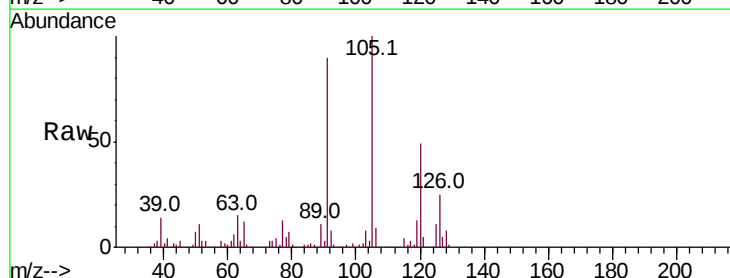
RT: 11.51 min Scan# 1698

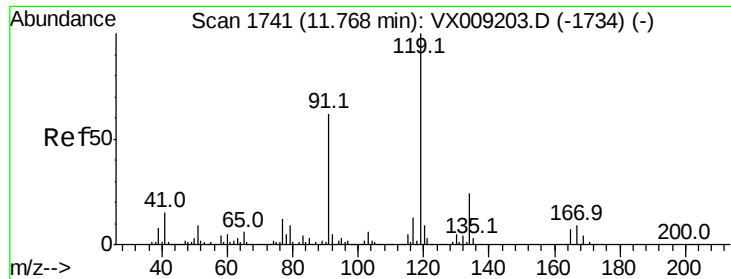
Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 329287 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 29.4  | 14.5  | 43.6   |





#83

tert-Butylbenzene

Concen: 47.322 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

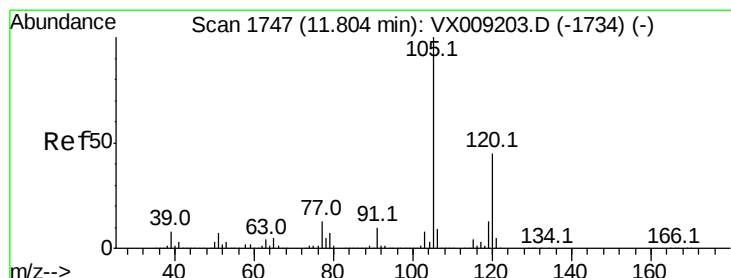
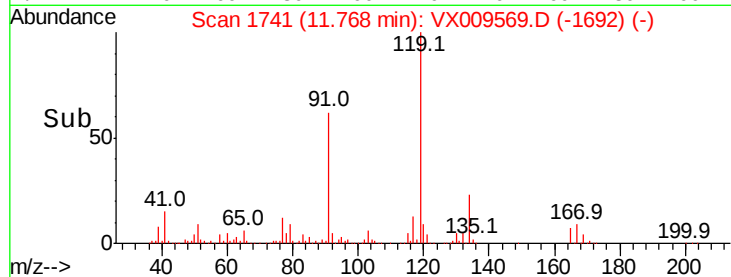
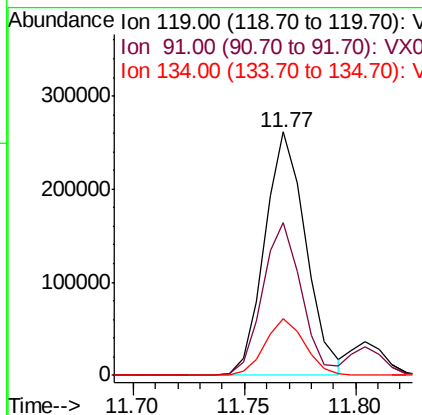
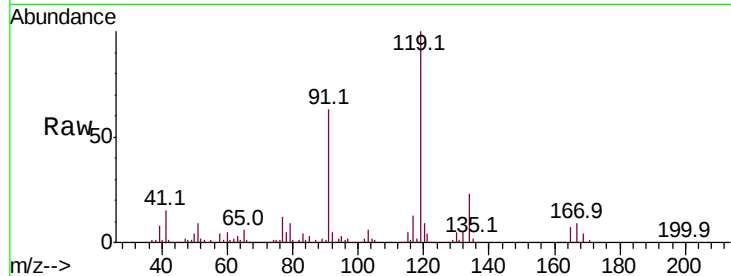
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 336482 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 59.5  | 29.5  | 88.5   |
| 134       | 22.4  | 11.4  | 34.1   |

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#84

1,2,4-Trimethylbenzene

Concen: 48.227 ug/l

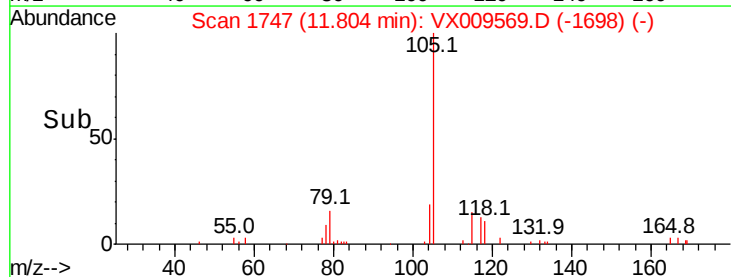
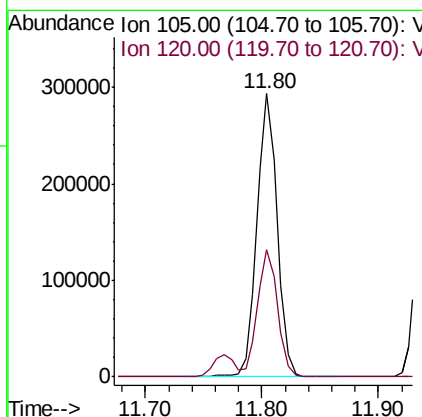
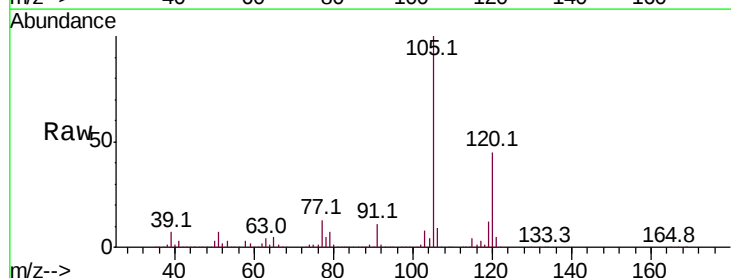
RT: 11.80 min Scan# 1747

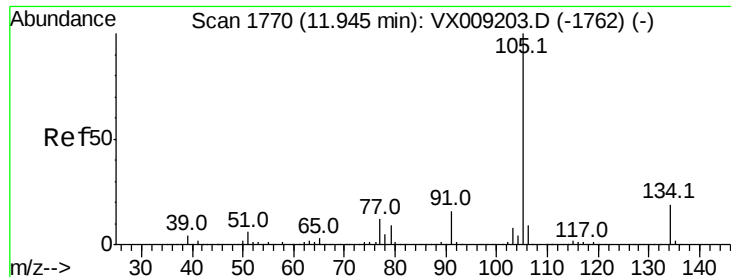
Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 353832 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.1  | 22.0  | 66.0   |





#85

sec-Butylbenzene

Concen: 48.521 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 409039

Ion Ratio Lower Upper

105 100

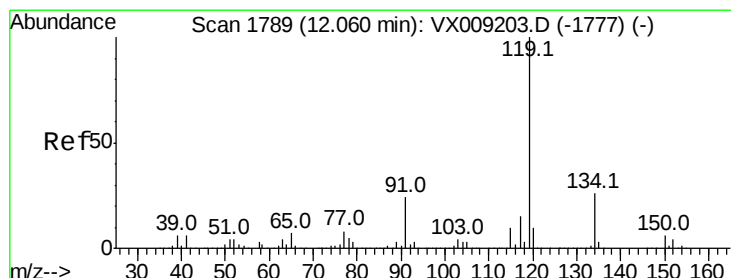
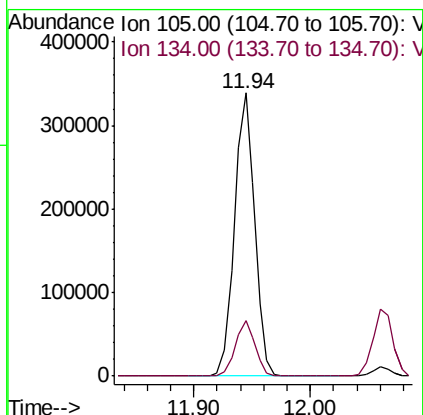
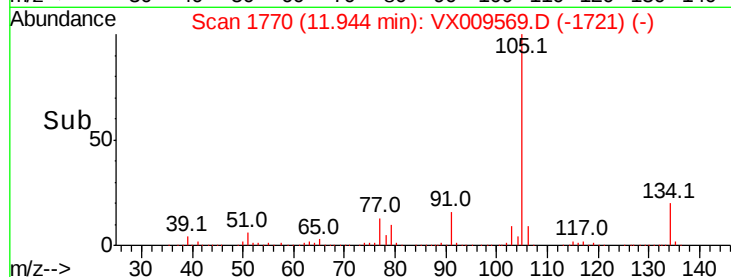
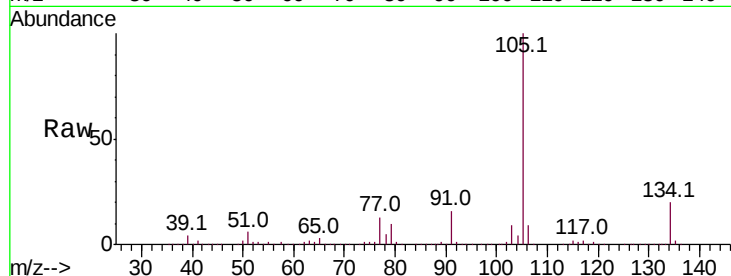
134 19.2 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 49.479 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

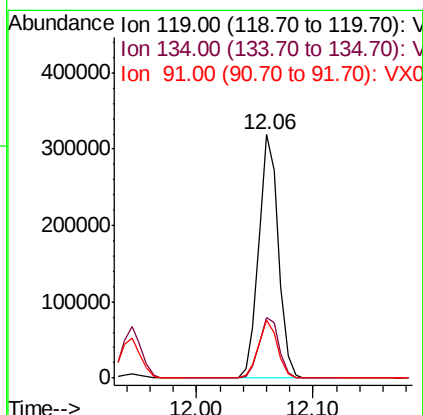
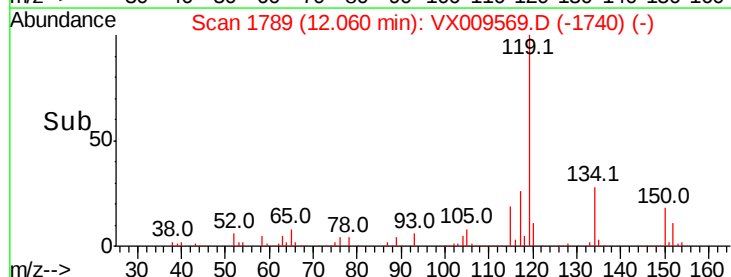
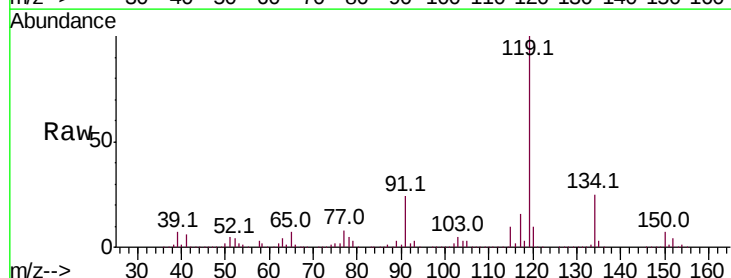
Tgt Ion:119 Resp: 374980

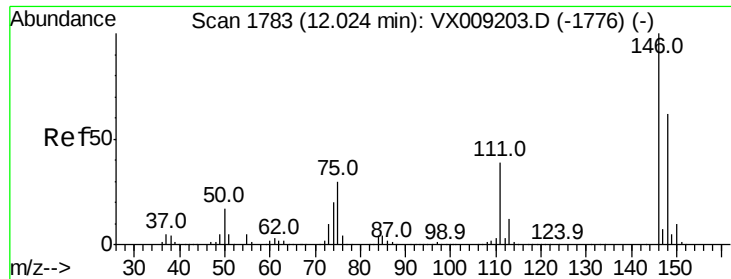
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 23.5 11.8 35.4





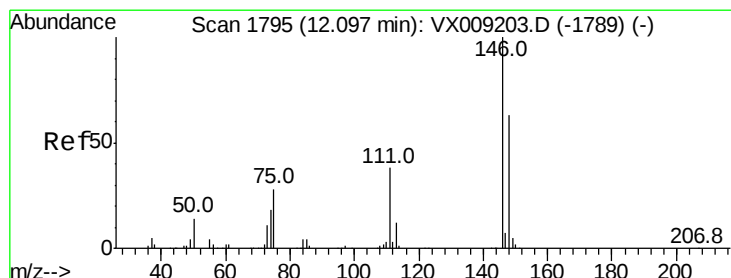
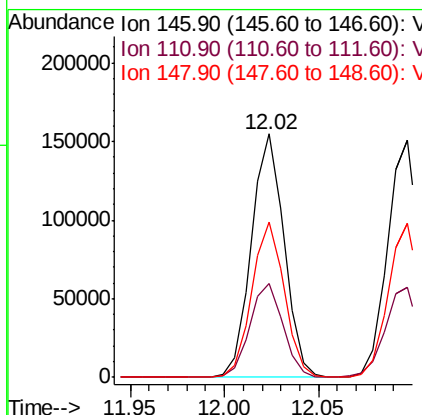
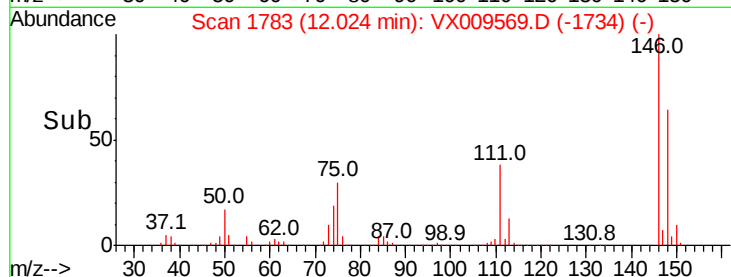
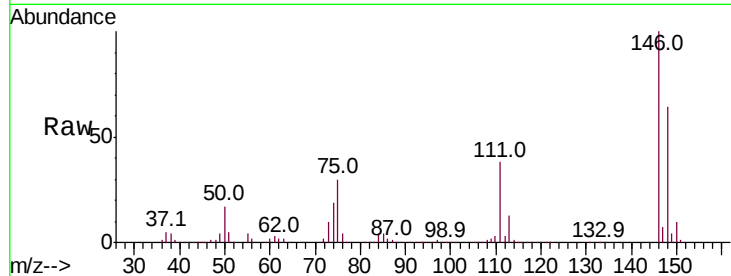
#87  
 1,3-Dichlorobenzene  
 Concen: 48.614 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 20.0  | 59.9  |
| 148     | 63.5  | 31.8  | 95.3  |

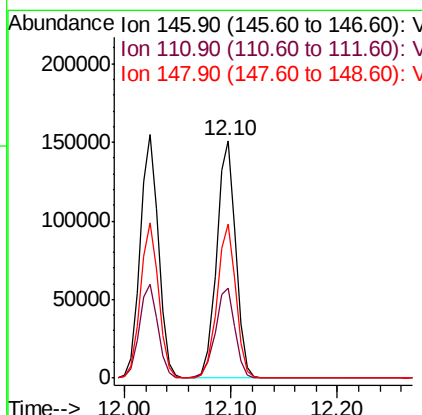
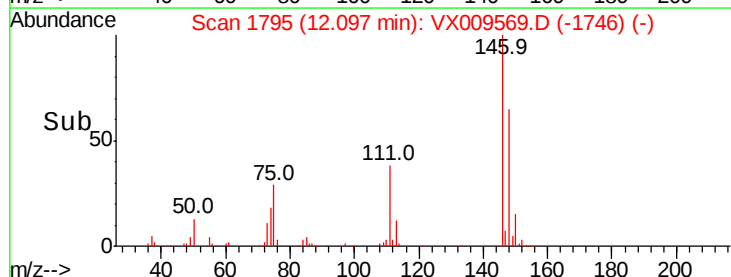
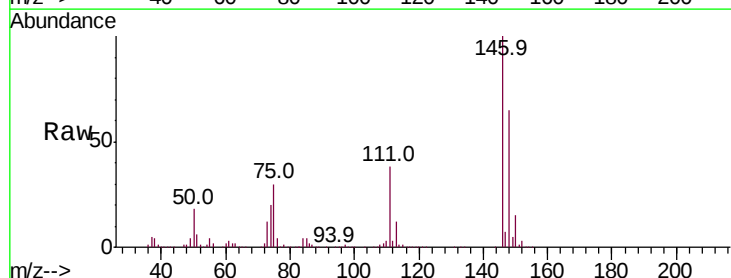
Manual Integrations  
 APPROVED

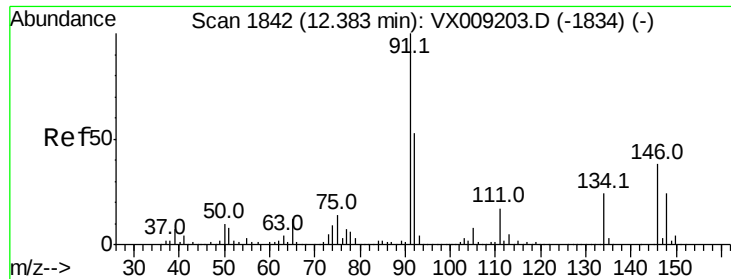
MMDadoda  
 5/16/2019 12:32:23 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 47.999 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 19.6  | 58.8  |
| 148     | 64.0  | 31.8  | 95.3  |





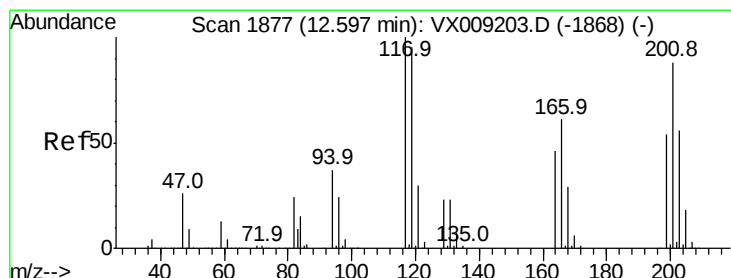
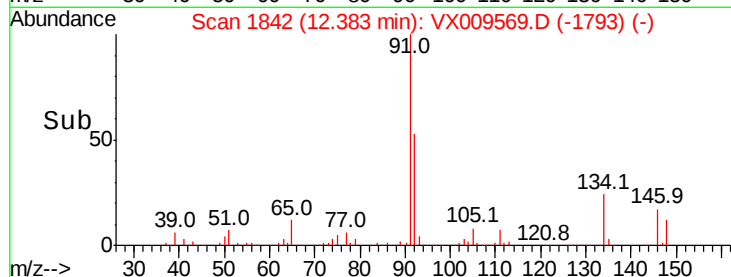
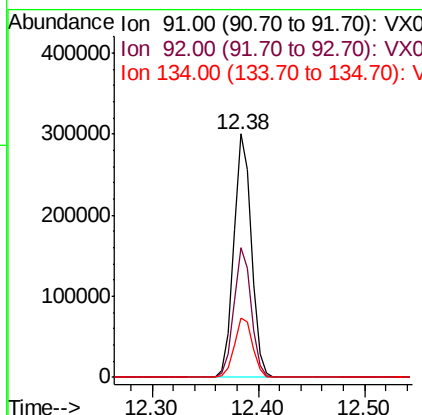
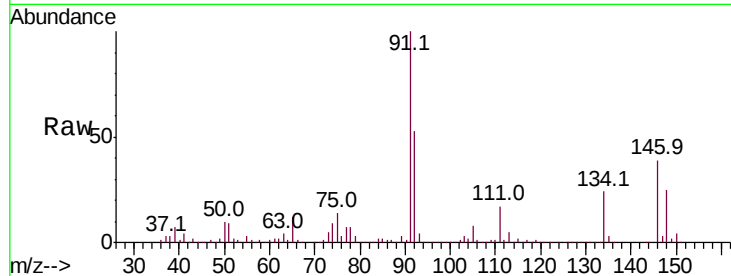
#89  
n-Butylbenzene  
Concen: 50.873 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 52.4  | 26.5 | 79.5  |       |
| 134     | 25.1  | 12.4 | 37.2  |       |

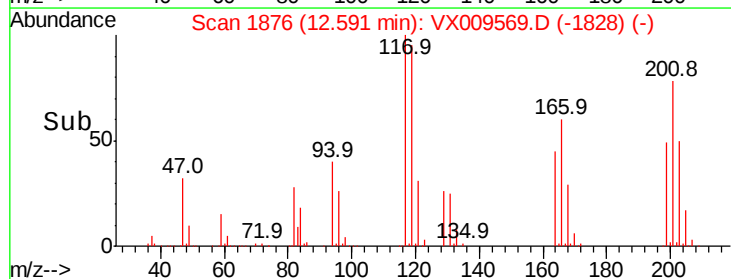
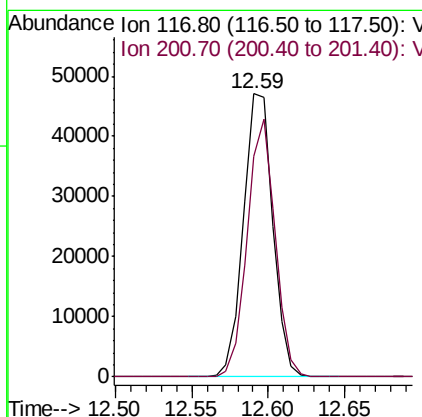
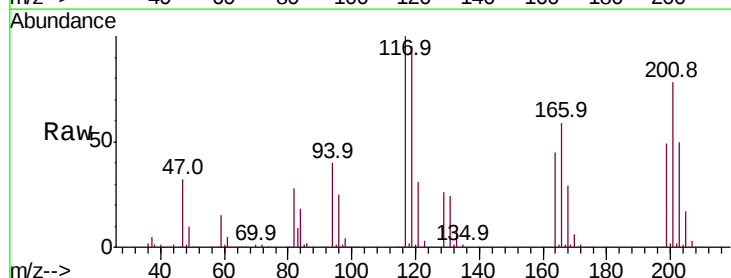
Manual Integrations  
APPROVED

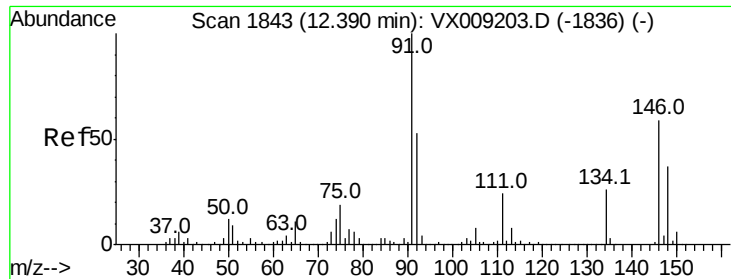
MMDadoda  
5/16/2019 12:32:23 PM



#90  
Hexachloroethane  
Concen: 48.589 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX009569.D  
Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 86.2  | 42.3 | 126.9 |       |





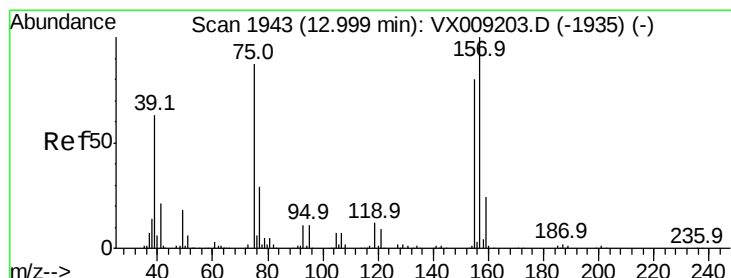
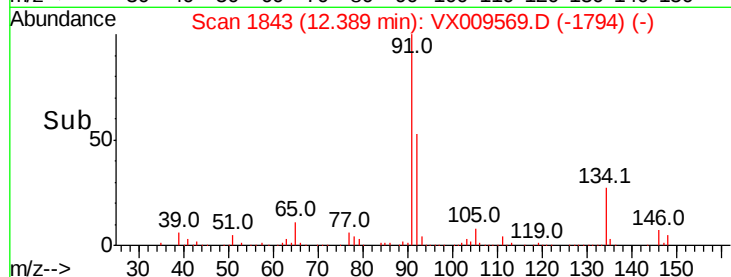
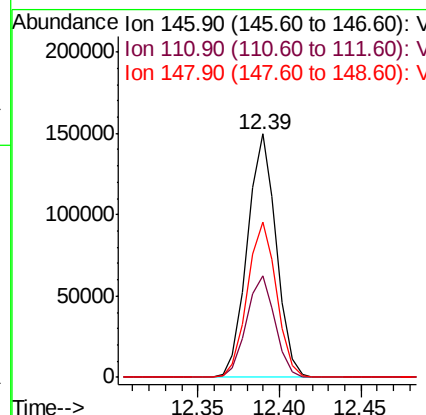
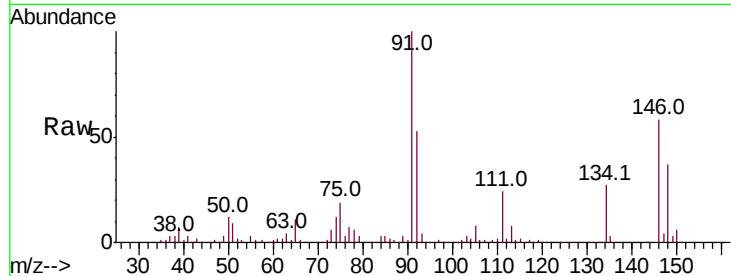
#91  
 1,2-Dichlorobenzene  
 Concen: 47.207 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 184686 |       |       |
| 111     | 41.1  | 20.8   | 62.4  |       |
| 148     | 64.3  | 31.9   | 95.9  |       |

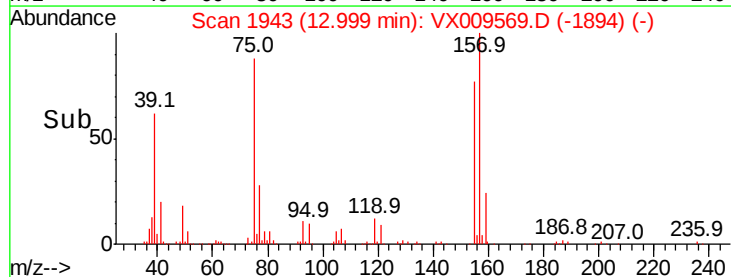
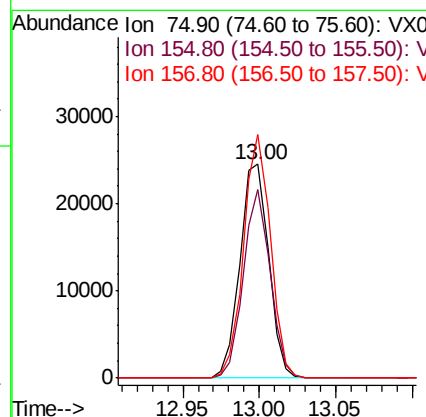
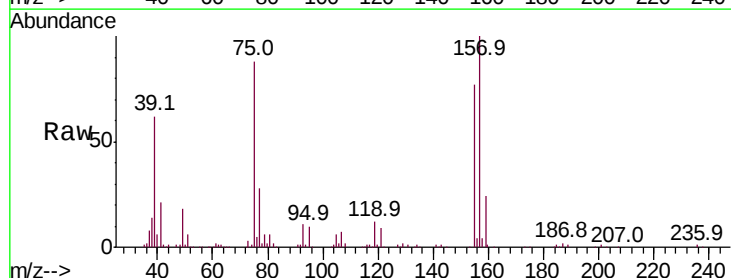
Manual Integrations  
 APPROVED

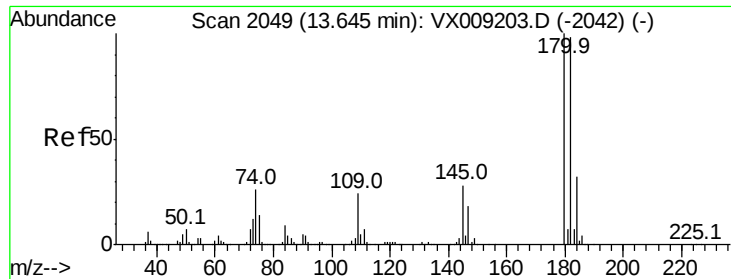
MMDadoda  
 5/16/2019 12:32:23 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.224 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 32105 |       |       |
| 155     | 81.6  | 42.0  | 126.0 |       |
| 157     | 105.9 | 53.2  | 159.6 |       |





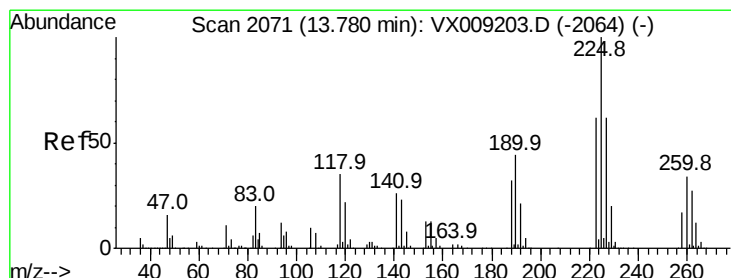
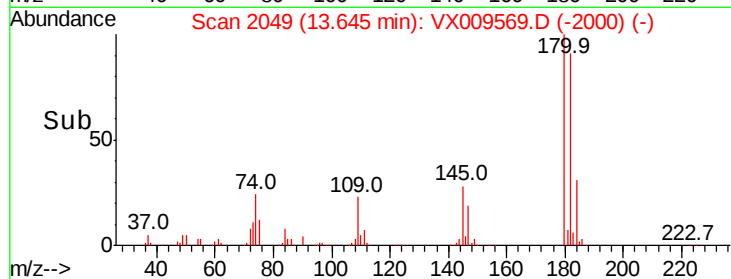
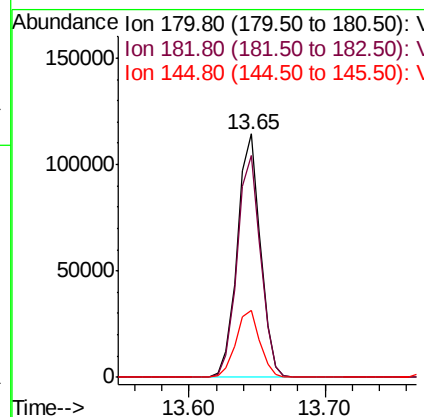
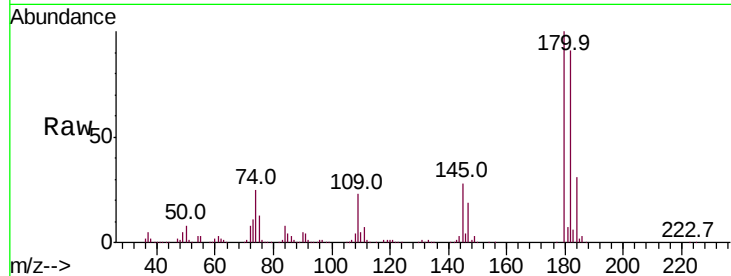
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.406 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 92.7  | 48.4 | 145.2 |       |
| 145     | 28.5  | 14.6 | 43.8  |       |

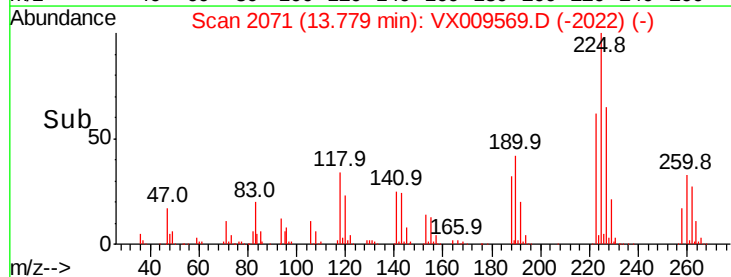
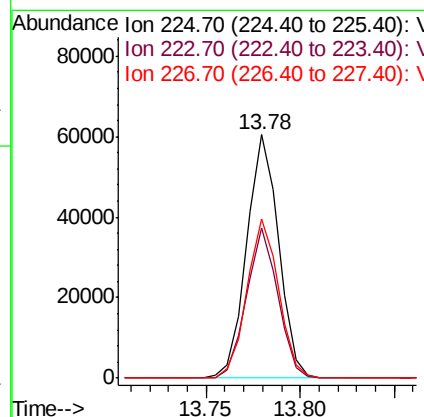
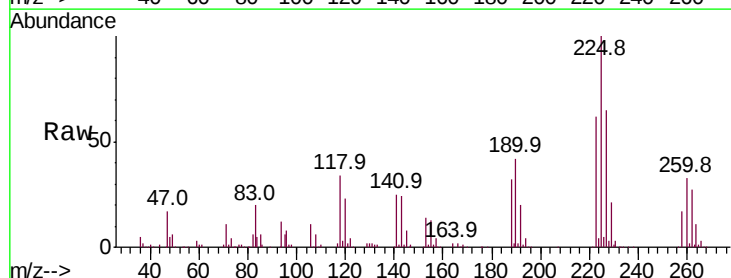
Manual Integrations  
 APPROVED

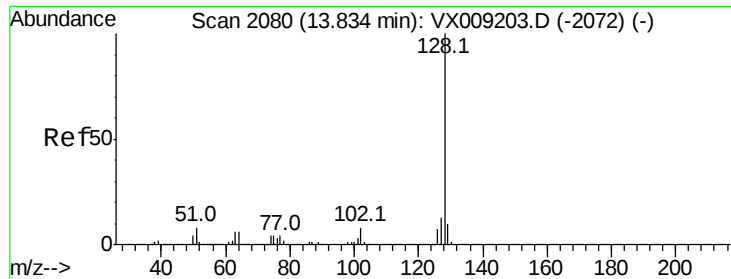
MMDadoda  
 5/16/2019 12:32:23 PM



#94  
 Hexachlorobutadiene  
 Concen: 51.971 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX009569.D  
 Acq: 15 May 2019 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 60.5  | 31.3 | 93.8  |       |
| 227     | 65.0  | 31.8 | 95.3  |       |





#95

Naphthalene

Concen: 46.296 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

Instrument :

MSVOA\_X

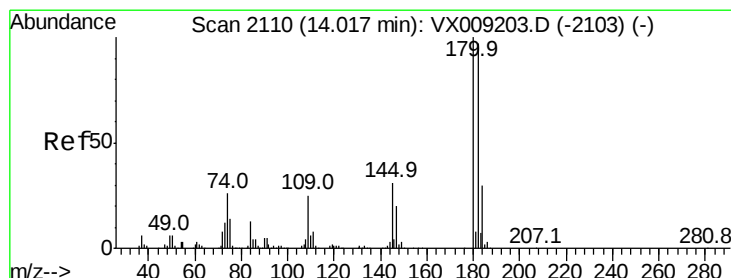
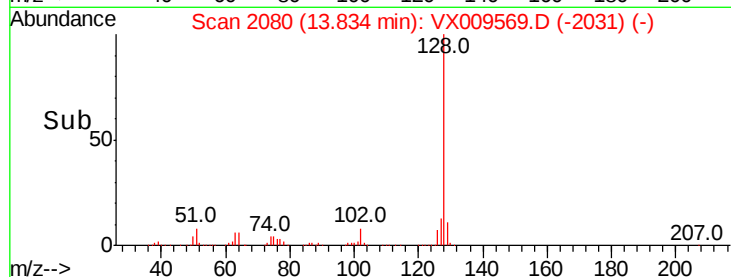
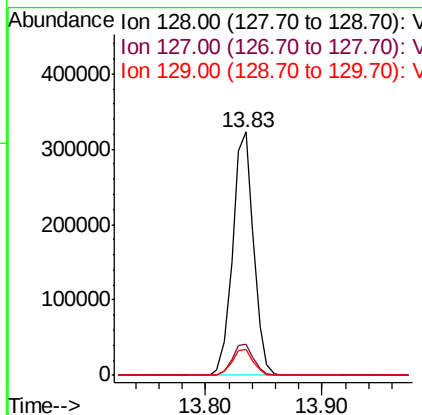
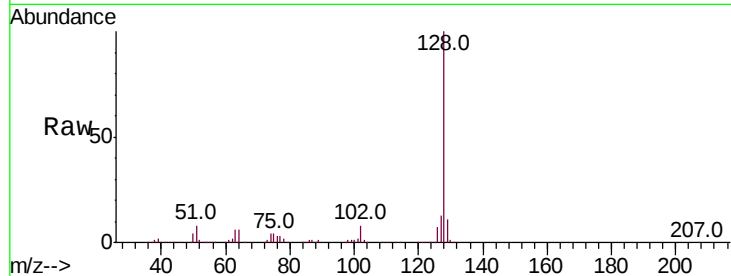
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 402965 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.4  | 15.6   |
| 129       | 10.9  | 8.6   | 13.0   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 48.581 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009569.D

Acq: 15 May 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 131747 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.9  | 47.8  | 143.4  |
| 145       | 30.6  | 15.4  | 46.4   |

