

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\  
 Data File : VX008419.D  
 Acq On : 25 Mar 2019 18:40  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/27/2019 8:56:05 AM

Quant Time: Mar 26 08:04:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 04:58:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 226529   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 375047   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 341305   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 174678   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65  | 173386   | 50.49 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.98% |      |
| 35) Dibromofluoromethane    | 5.49   | 113 | 130014   | 53.17 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.34% |      |
| 50) Toluene-d8              | 8.71   | 98  | 520560   | 53.24 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.48% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 202465   | 55.88 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 111.76% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 139796  | 52.355  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 187222  | 55.634  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 191544  | 51.377  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 99734   | 50.934  | ug/l | 97     |
| 6) Chloroethane               | 1.71 | 64  | 120330  | 54.482  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 221989  | 52.574  | ug/l | 98     |
| 8) Diethyl Ether              | 2.18 | 74  | 103005  | 51.547  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 139822  | 54.793  | ug/l | 100    |
| 10) Methyl Iodide             | 2.51 | 142 | 133378  | 53.411  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.06 | 59  | 202584  | 266.249 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 136995  | 51.982  | ug/l | 97     |
| 13) Acrolein                  | 2.29 | 56  | 179720  | 325.258 | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 305186  | 52.563  | ug/l | 100    |
| 15) Acrylonitrile             | 3.14 | 53  | 503603  | 252.412 | ug/l | 100    |
| 16) Acetone                   | 2.44 | 43  | 465354  | 259.262 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.56 | 76  | 415700  | 47.550  | ug/l | 100    |
| 18) Methyl Acetate            | 2.77 | 43  | 216161  | 50.143  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 504447  | 53.117  | ug/l | 97     |
| 20) Methylene Chloride        | 2.85 | 84  | 162675  | 55.603  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 146673  | 55.885  | ug/l | 97     |
| 22) Diisopropyl ether         | 3.85 | 45  | 604084  | 52.839  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.81 | 43  | 2687714 | 269.468 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 303961  | 52.664  | ug/l | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 745930  | 259.221 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 214796  | 55.953  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 171466  | 53.207  | ug/l | 98     |
| 28) Bromochloromethane        | 5.01 | 49  | 141779  | 49.721  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.12 | 42  | 476579  | 251.289 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 274449  | 52.690  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 296319  | 53.830  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 225949  | 54.269  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 218190  | 54.563  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.83 | 43  | 279955  | 54.041  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 188892  | 56.603  | ug/l | 98     |

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/27/2019 8:56:05 AM

Quant Time: Mar 26 08:04:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 04:58:03 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 281215   | 58.845   | ug/l  | 98       |
| 40) Benzene                    | 6.14  | 78   | 648783   | 54.194   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 157304   | 54.033   | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 232956   | 53.148   | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.44  | 43   | 457621   | 55.227   | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 151928   | 54.050   | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 185780   | 54.597   | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 107502   | 54.101   | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 215994   | 56.791   | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 230789   | 55.665   | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 89144    | 1081.356 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1508663  | 280.322  | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 396895   | 55.447   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 248074   | 59.549   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 275516   | 58.161   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 158276   | 54.319   | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 302585   | 57.529   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 282903   | 54.152   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 697215   | 256.439  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 1196275  | 286.864  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 159907   | 57.705   | ug/l  | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 163927   | 55.127   | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 125807   | 54.447   | ug/l  | 99       |
| 65) Chlorobenzene              | 10.13 | 112  | 411221   | 55.403   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 143546   | 56.055   | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 778970   | 55.608   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 572115   | 112.266  | ug/l  | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 275347   | 55.677   | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 494423   | 57.878   | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 119815   | 59.246   | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 747476   | 52.599   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 447576   | 54.414   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 279906   | 50.765   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 235415m  | 45.333   | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 175969   | 51.020   | ug/l  | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 910519   | 54.695   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 526976   | 52.045   | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 646591   | 53.819   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 95149    | 58.684   | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 627194   | 53.700   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 625460   | 53.959   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 651554   | 53.618   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 757345   | 54.866   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 686472   | 56.360   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 330937   | 53.703   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 333829   | 53.677   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.38 | 91   | 678956   | 58.844   | ug/l  | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 115313   | 56.828   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 329768   | 53.438   | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 61337    | 51.019   | ug/l  | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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3/27/2019 8:56:05 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 26 04:58:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 232635   | 55.993 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 113660   | 57.613 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 757122   | 53.153 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 227116   | 54.400 | ug/l  | 100      |

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

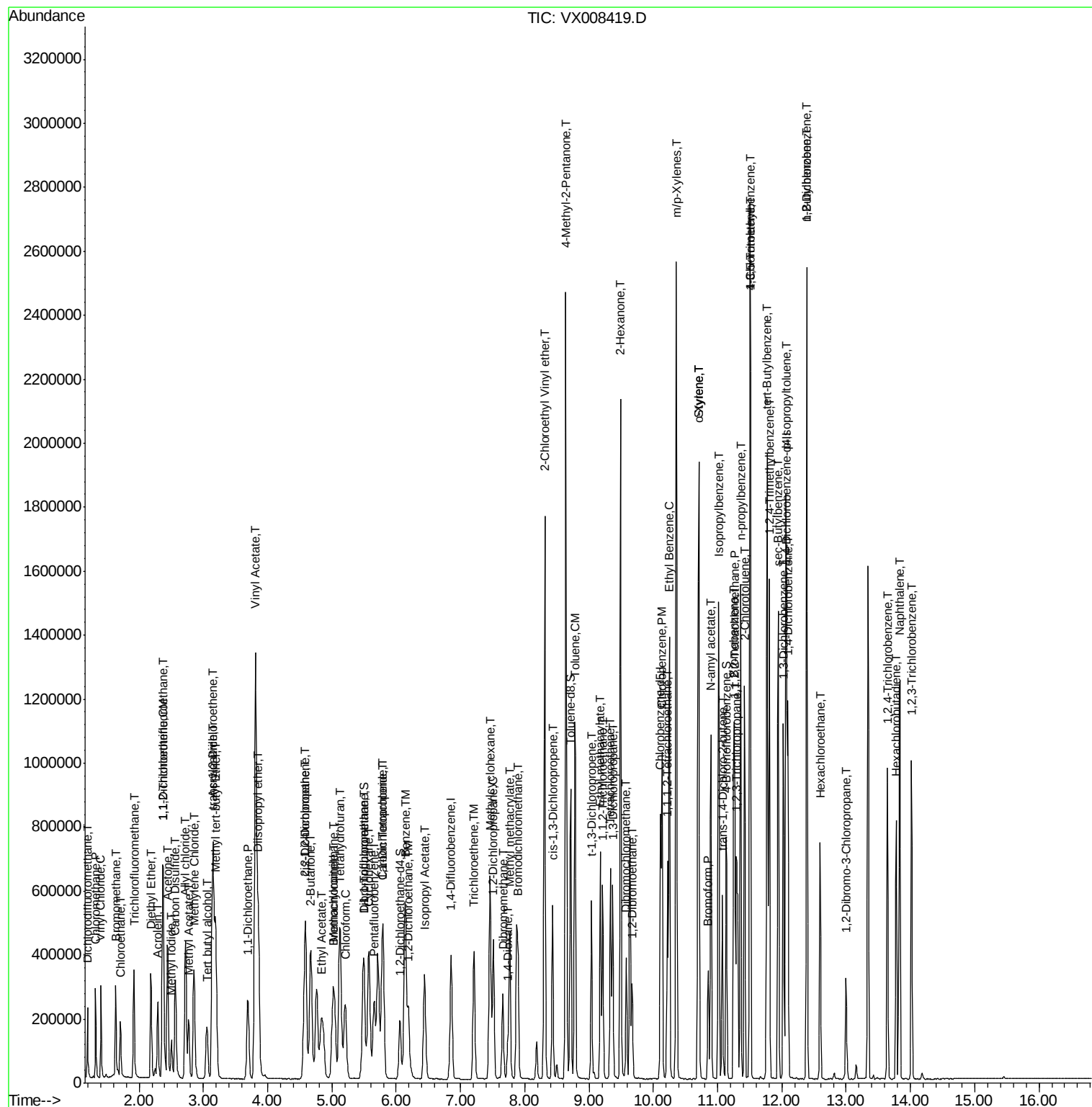
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 Data File : VX008419.D  
 Acq On : 25 Mar 2019 18:40  
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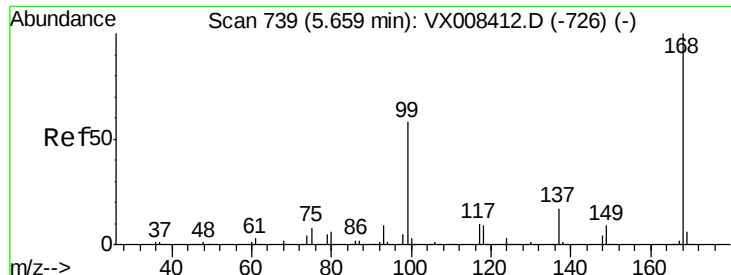
Instrument :  
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 VSTDCCC050

Manual Integrations  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 226529

Ion Ratio Lower Upper

168 100

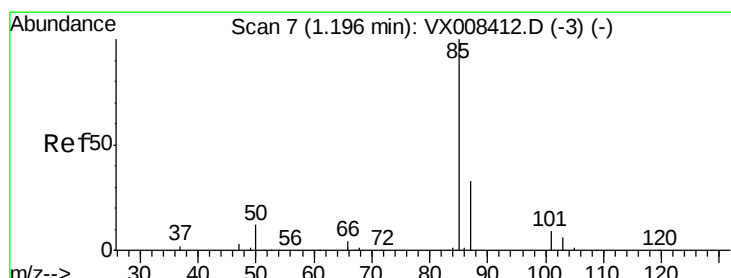
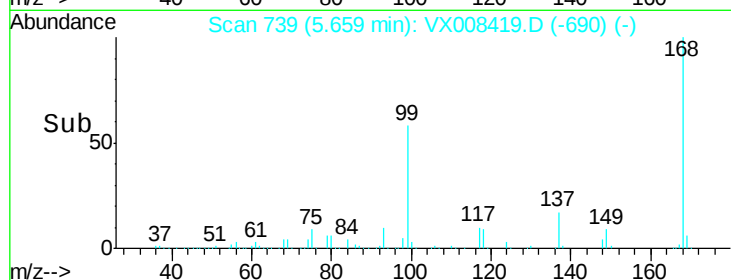
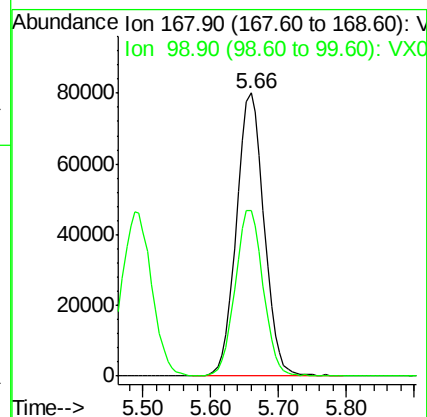
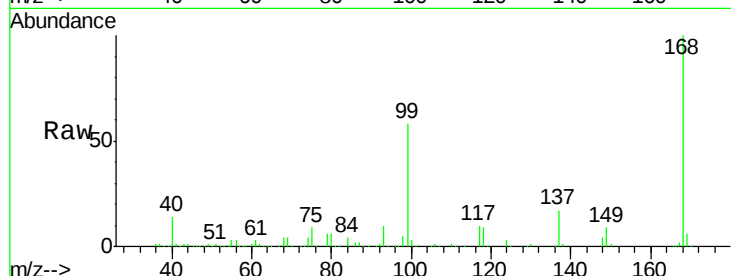
99 58.2 46.0 69.0

Manual Integrations

APPROVED

MMDadoda

3/27/2019 8:56:05 AM



#2

Dichlorodifluoromethane

Concen: 52.355 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008419.D

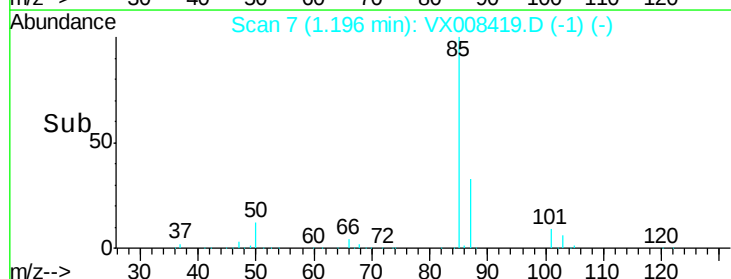
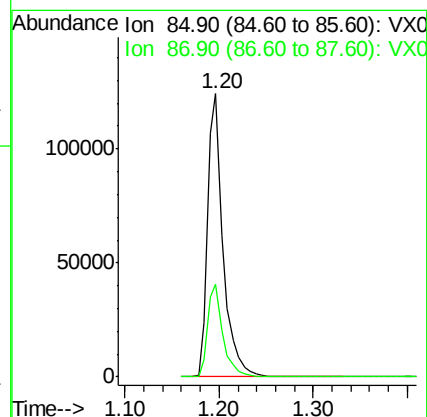
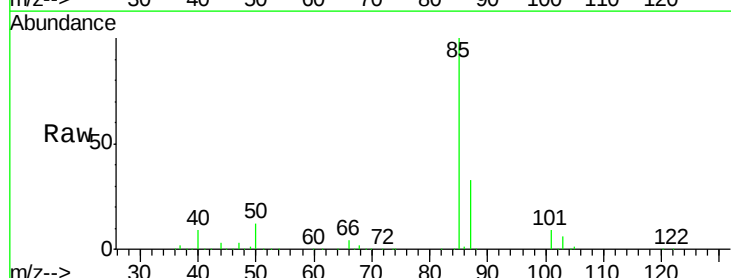
Acq: 25 Mar 2019 18:40

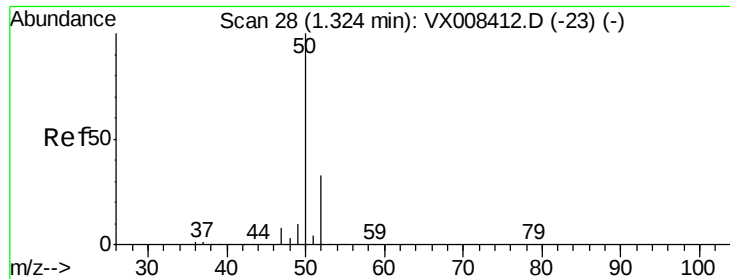
Tgt Ion: 85 Resp: 139796

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1





#3

Chloromethane

Concen: 55.634 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 187222

Ion Ratio Lower Upper

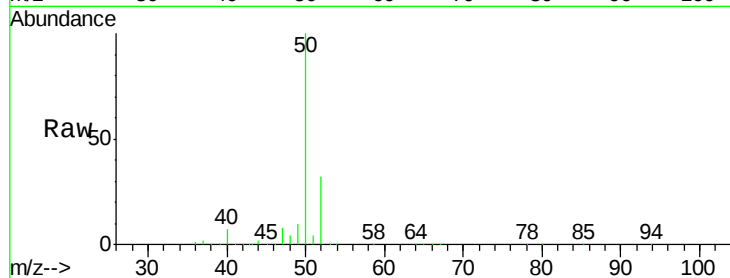
50 100

52 32.2 26.2 39.2

Manual Integrations  
APPROVED

MMDadoda

3/27/2019 8:56:05 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

200000

150000

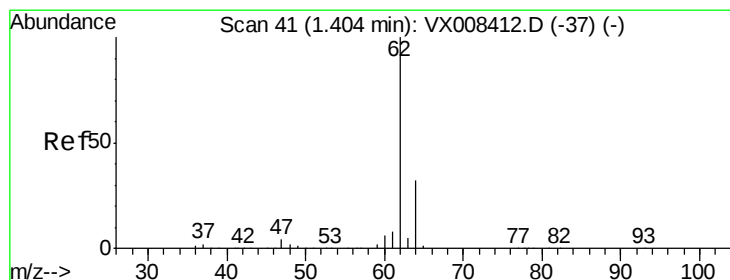
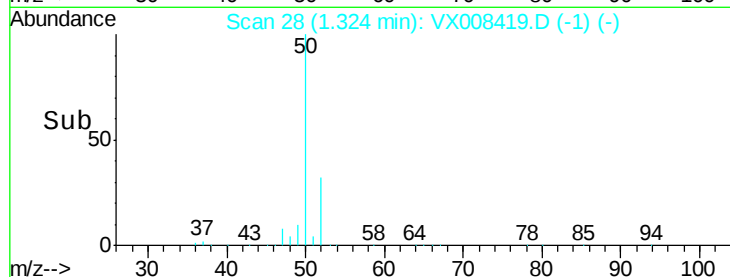
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50000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 51.377 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008419.D

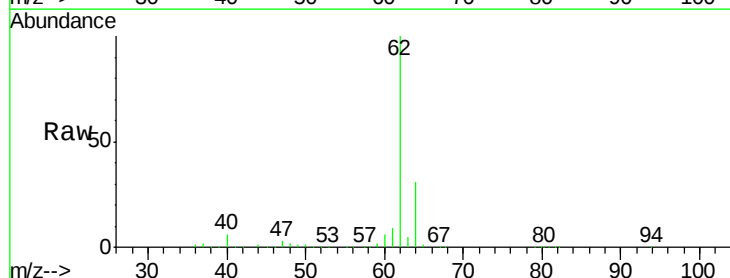
Acq: 25 Mar 2019 18:40

Tgt Ion: 62 Resp: 191544

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

200000

150000

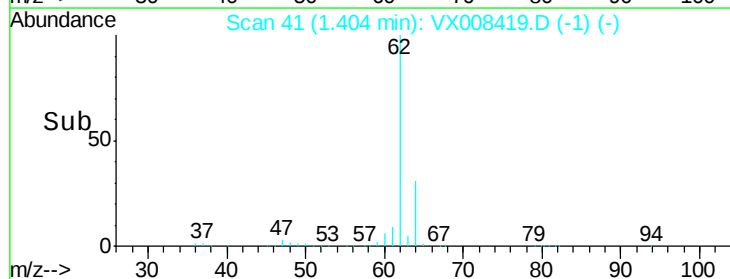
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50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 50.934 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99734

Ion Ratio Lower Upper

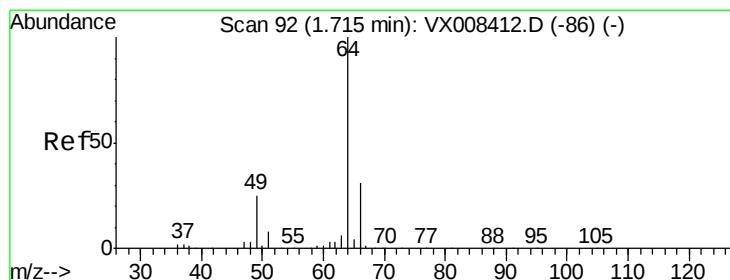
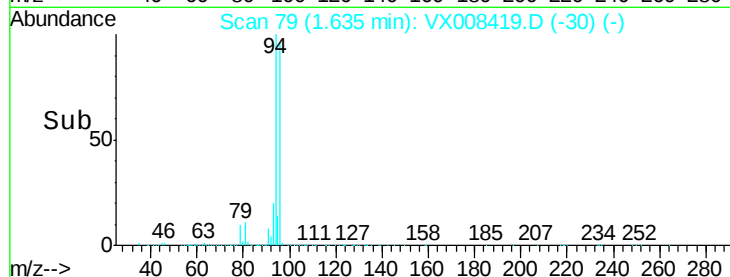
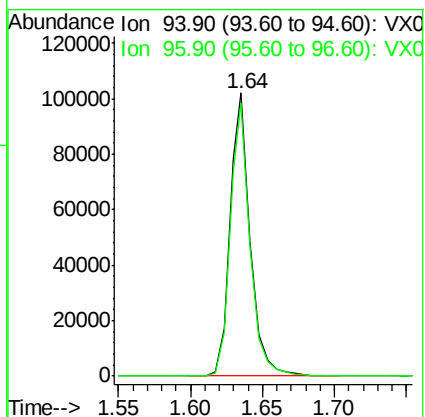
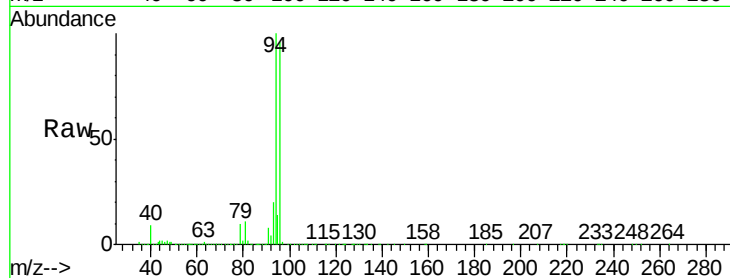
94 100

96 96.2 74.8 112.2

Manual Integrations  
APPROVED

MMDadoda

3/27/2019 8:56:05 AM



#6

Chloroethane

Concen: 54.482 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008419.D

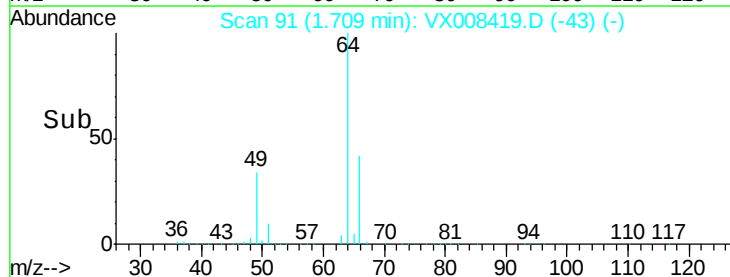
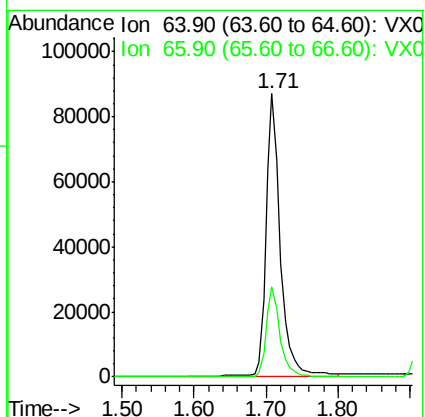
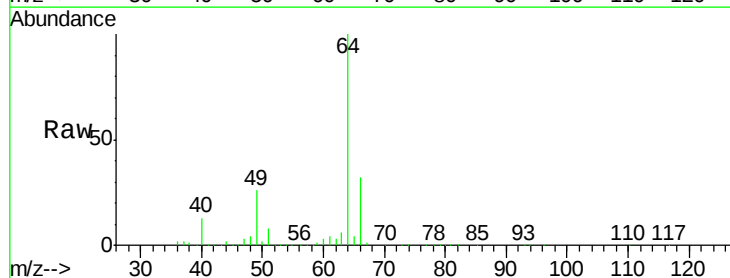
Acq: 25 Mar 2019 18:40

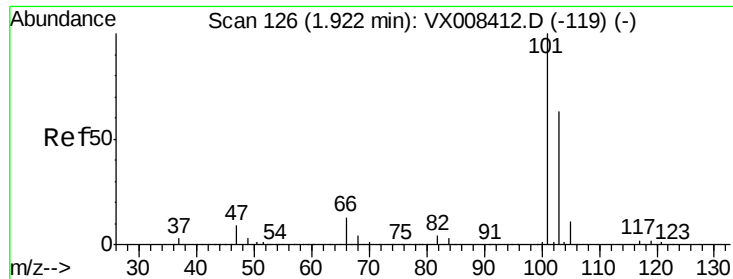
Tgt Ion: 64 Resp: 120330

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7





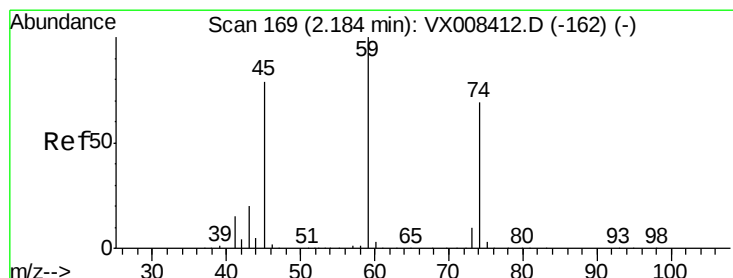
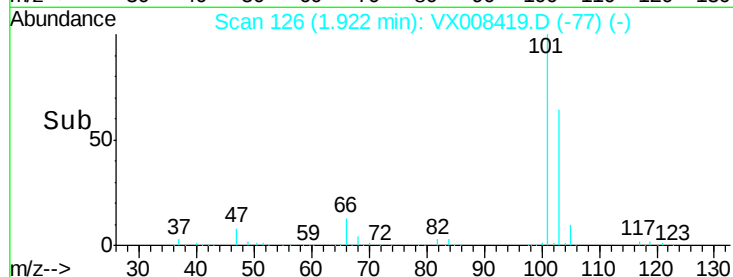
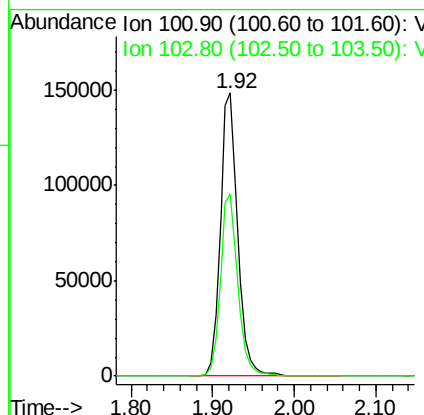
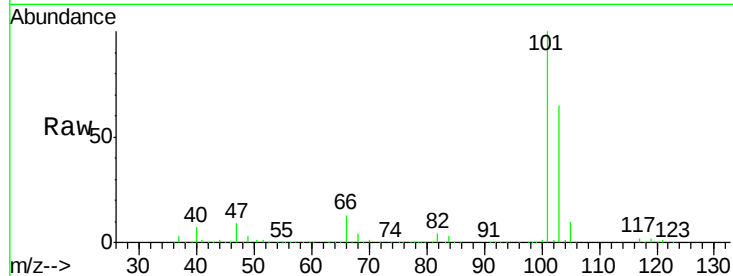
#7  
 Trichlorofluoromethane  
 Concen: 52.574 ug/l  
 RT: 1.92 min Scan# 126  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:101 Resp: 221989  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 50.2 75.4

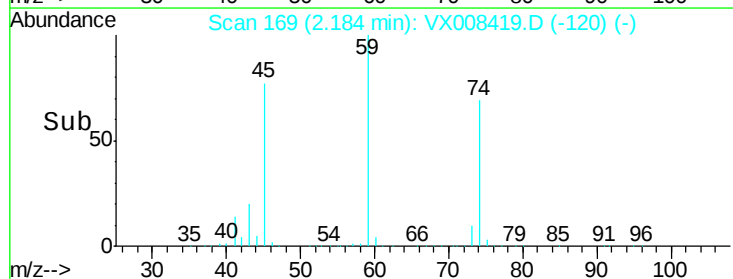
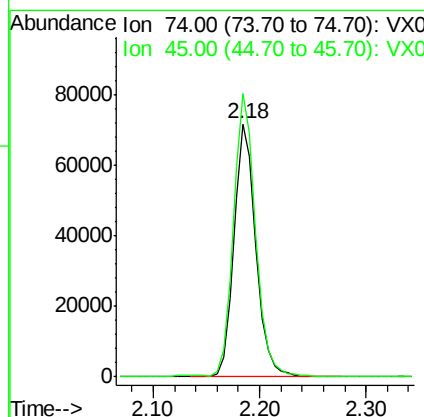
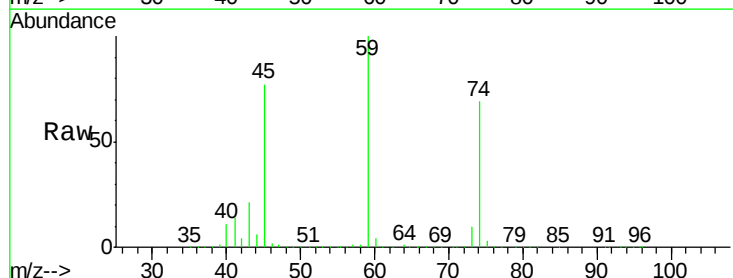
Manual Integrations  
 APPROVED

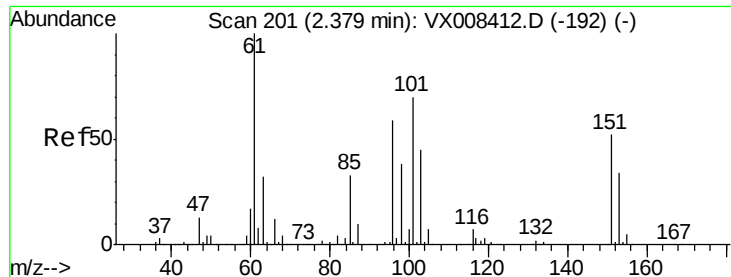
MMDadoda  
 3/27/2019 8:56:05 AM



#8  
 Diethyl Ether  
 Concen: 51.547 ug/l  
 RT: 2.18 min Scan# 169  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Tgt Ion: 74 Resp: 103005  
 Ion Ratio Lower Upper  
 74 100  
 45 112.9 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.793 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

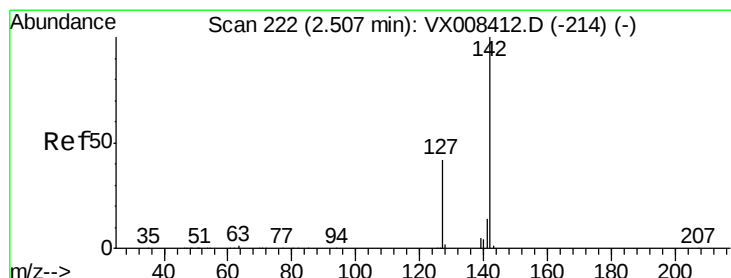
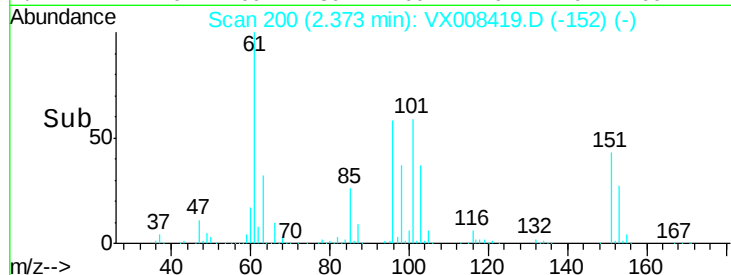
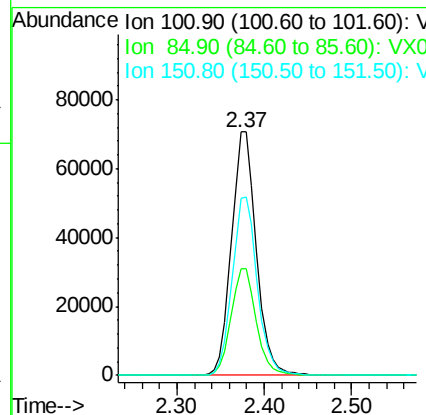
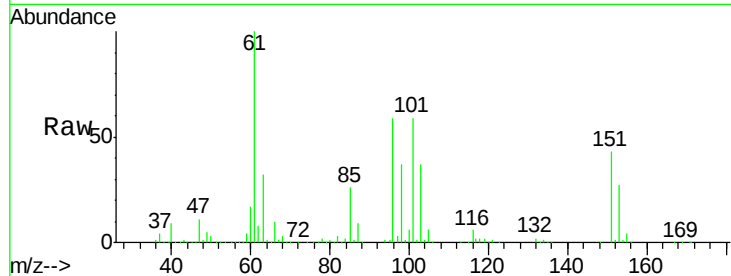
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 139822 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.3  | 36.0  | 54.0   |
| 151       | 74.0  | 59.2  | 88.8   |

Manual Integrations  
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MMDadoda  
3/27/2019 8:56:05 AM



#10

Methyl Iodide

Concen: 53.411 ug/l

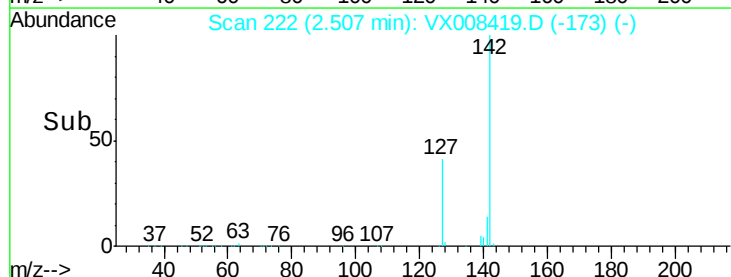
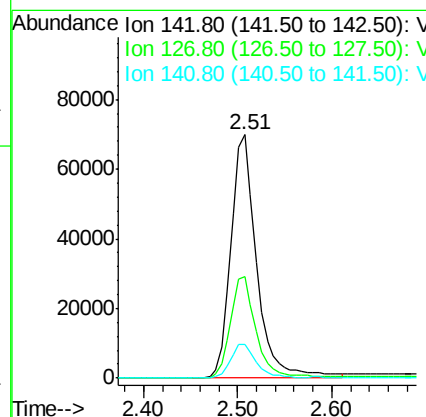
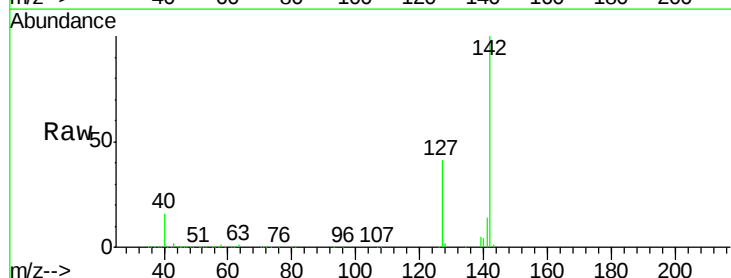
RT: 2.51 min Scan# 222

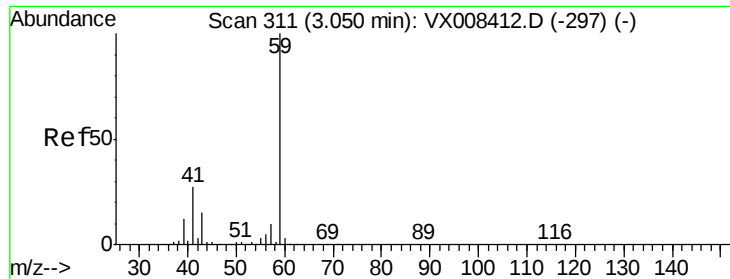
Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 133378 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.3  | 33.6  | 50.4   |
| 141       | 14.0  | 11.3  | 16.9   |





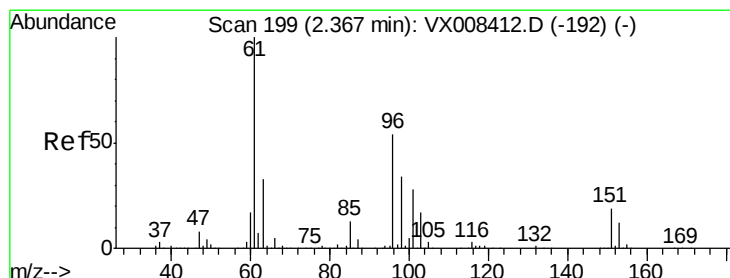
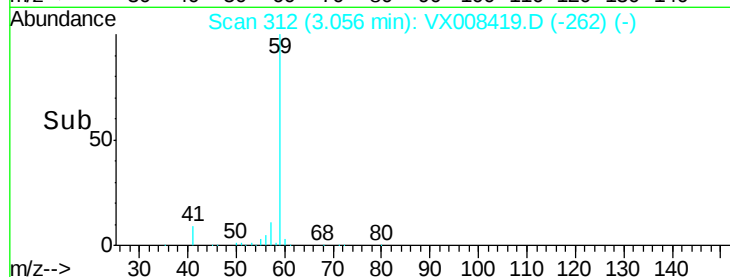
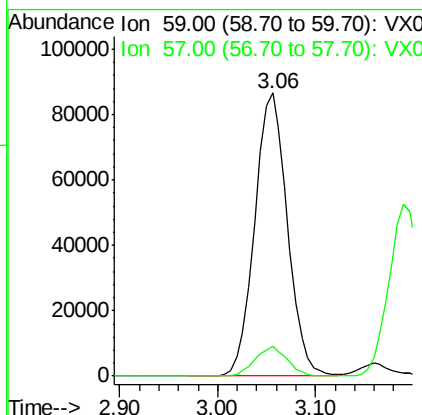
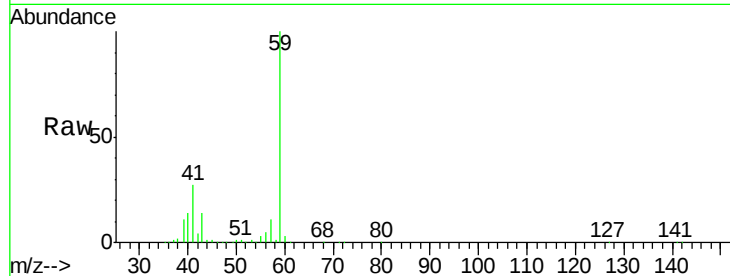
#11  
Tert butyl alcohol  
Concen: 266.249 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. 0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 202584  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.4

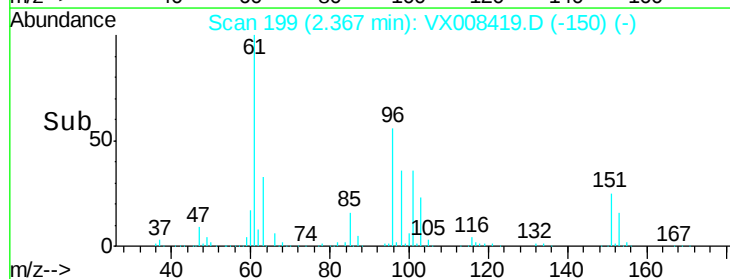
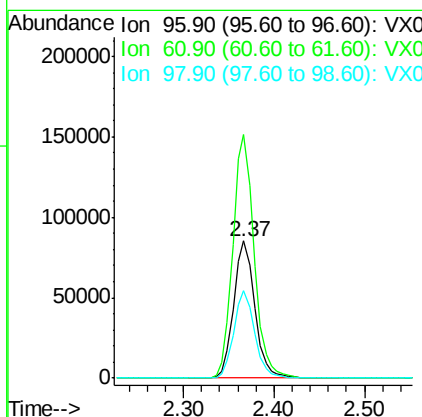
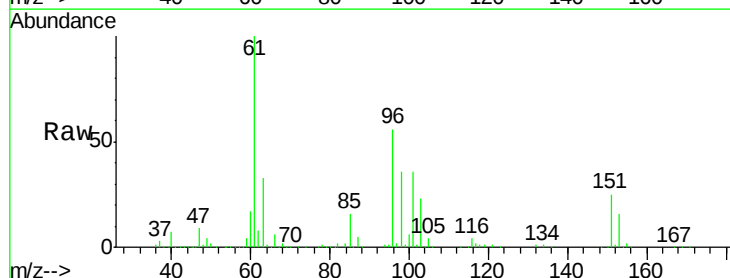
Manual Integrations  
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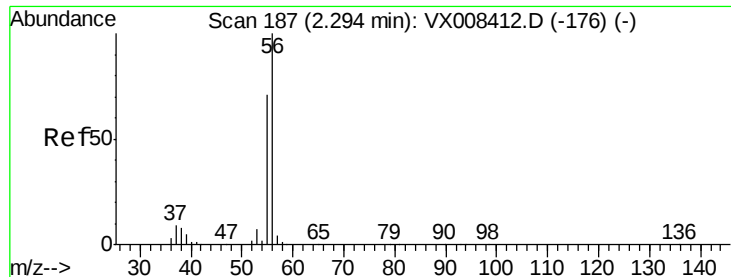
MMDadoda  
3/27/2019 8:56:05 AM



#12  
1,1-Dichloroethene  
Concen: 51.982 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Tgt Ion: 96 Resp: 136995  
Ion Ratio Lower Upper  
96 100  
61 178.0 146.9 220.3  
98 63.7 50.1 75.1





#13

Acrolein

Concen: 325.258 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 179720

Ion Ratio Lower Upper

56 100

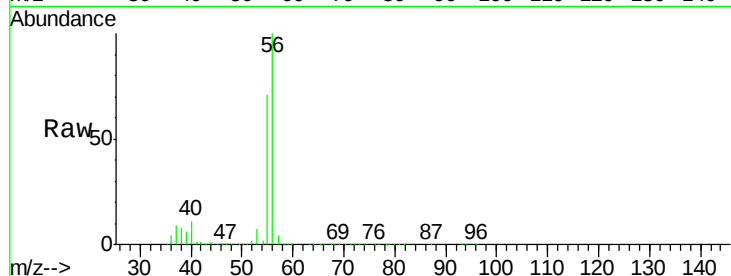
55 71.2 56.5 84.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

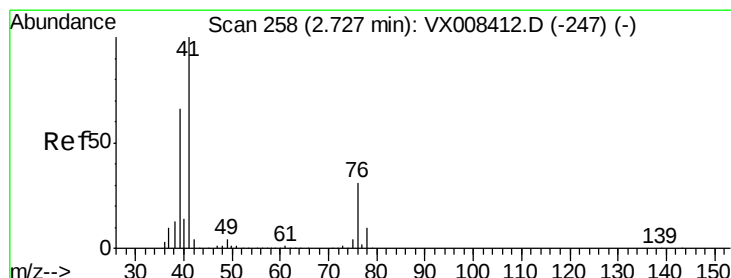
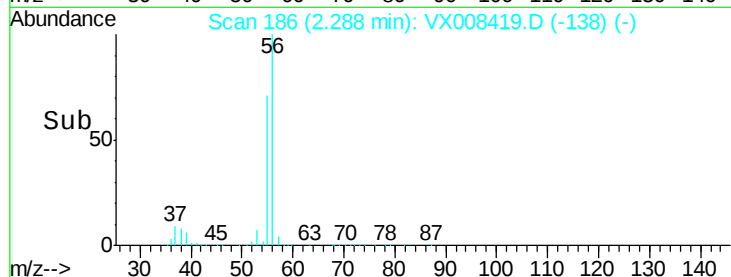
40000

20000

0

2.29

Time-->



#14

Allyl chloride

Concen: 52.563 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

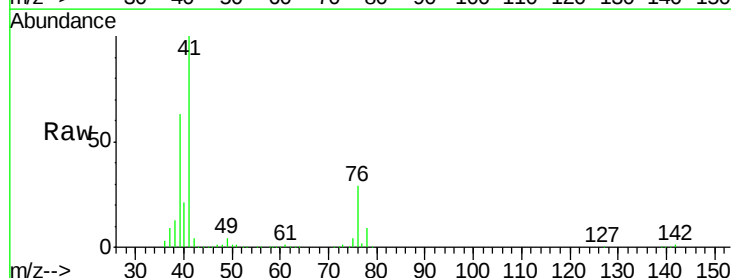
Tgt Ion: 41 Resp: 305186

Ion Ratio Lower Upper

41 100

39 62.3 49.6 74.4

76 28.2 22.6 34.0



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

200000

150000

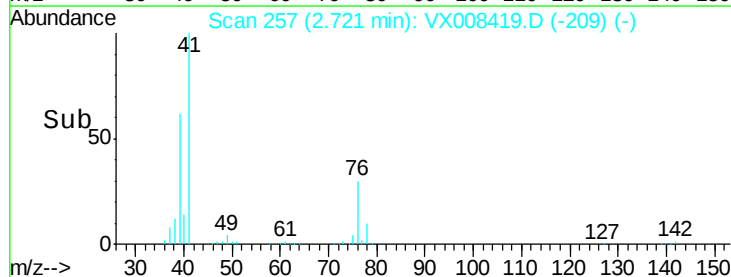
100000

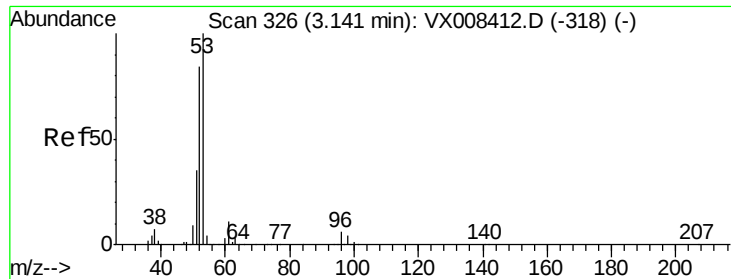
50000

0

2.72

Time-->





#15

Acrylonitrile

Concen: 252.412 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

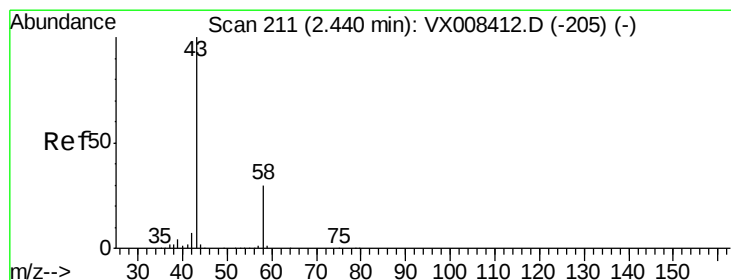
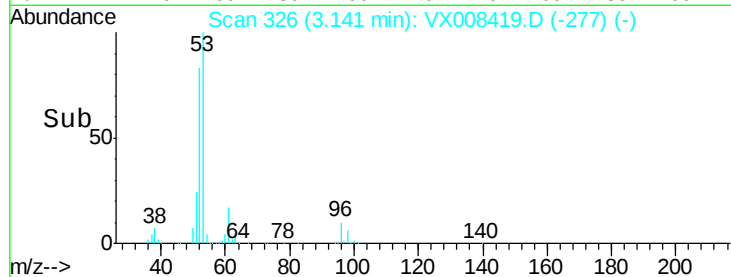
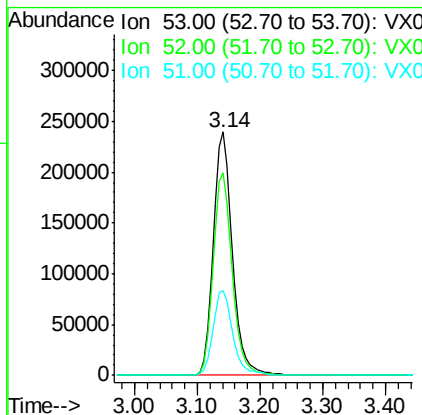
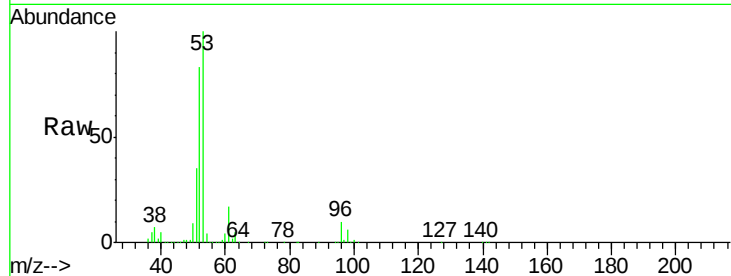
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 503603 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.0 | 66.5  | 99.7   |
| 51        | 35.8 | 28.3  | 42.5   |

Manual Integrations  
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3/27/2019 8:56:05 AM



#16

Acetone

Concen: 259.262 ug/l

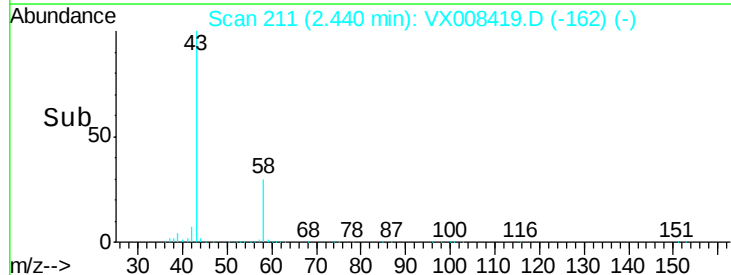
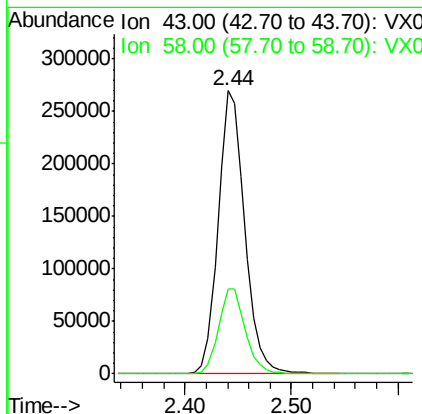
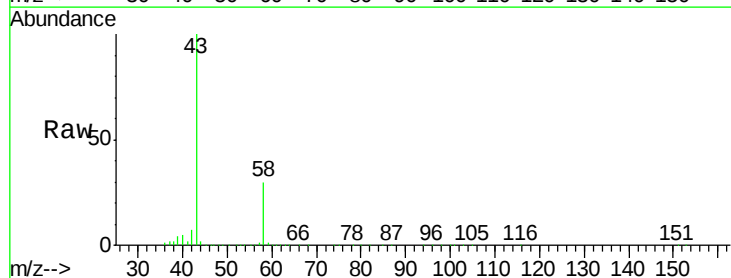
RT: 2.44 min Scan# 211

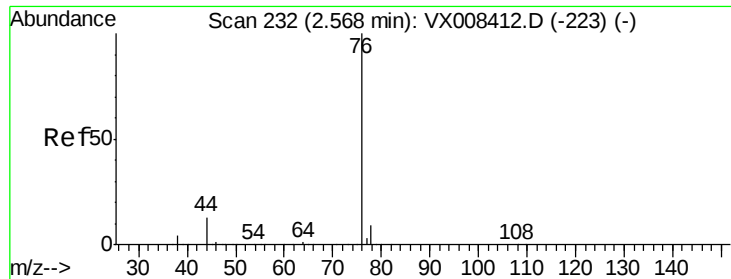
Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 465354 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.0 | 24.2  | 36.2   |





#17

Carbon Disulfide

Concen: 47.550 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 415700

Ion Ratio Lower Upper

76 100

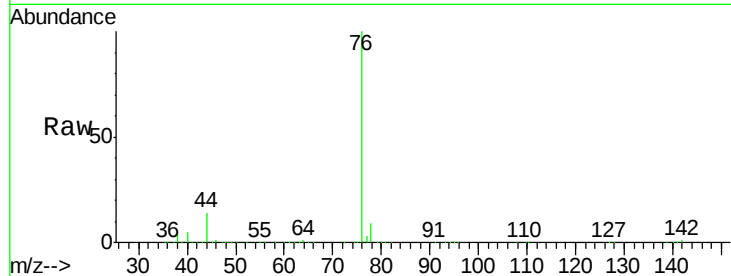
78 9.2 7.4 11.2

Manual Integrations

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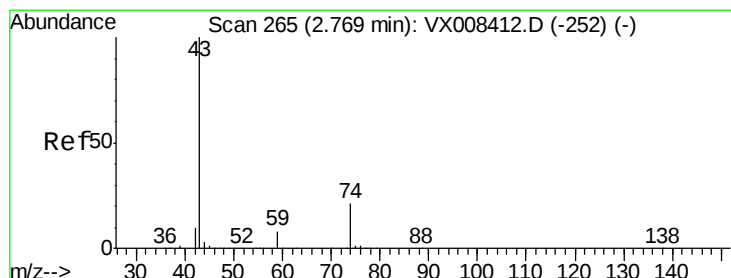
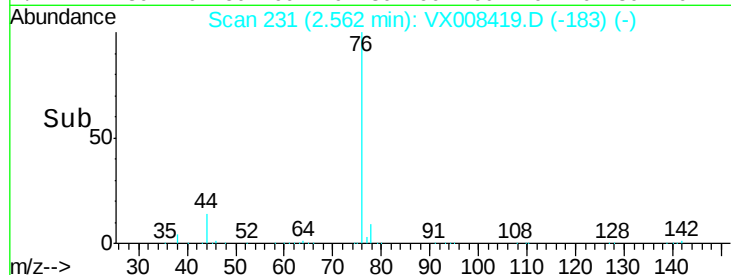
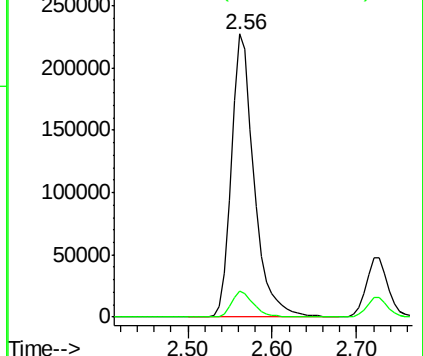
MMDadoda

3/27/2019 8:56:05 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.143 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008419.D

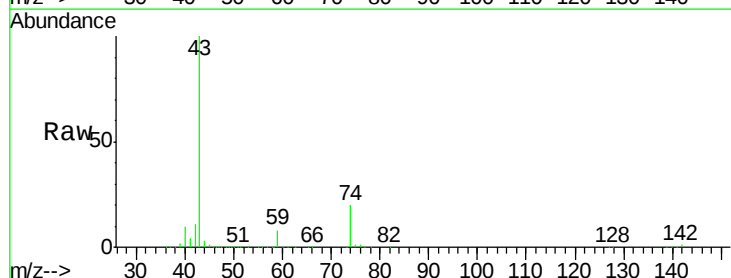
Acq: 25 Mar 2019 18:40

Tgt Ion: 43 Resp: 216161

Ion Ratio Lower Upper

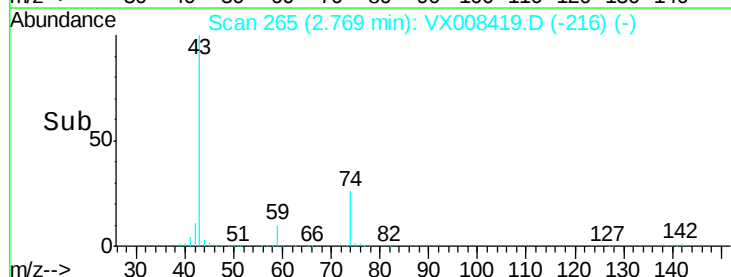
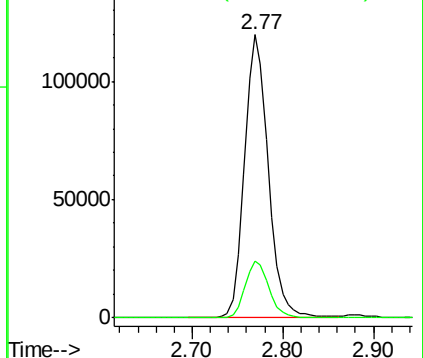
43 100

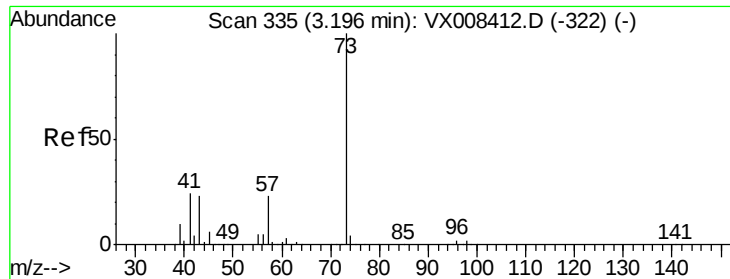
74 20.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





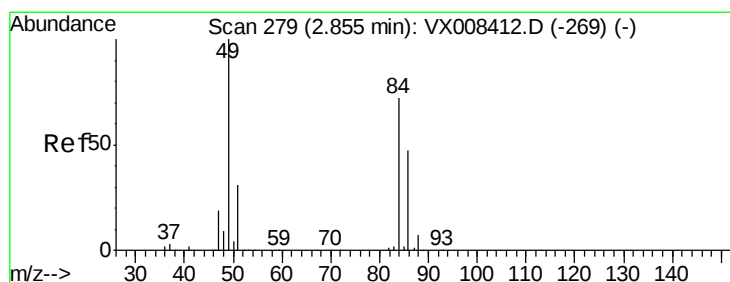
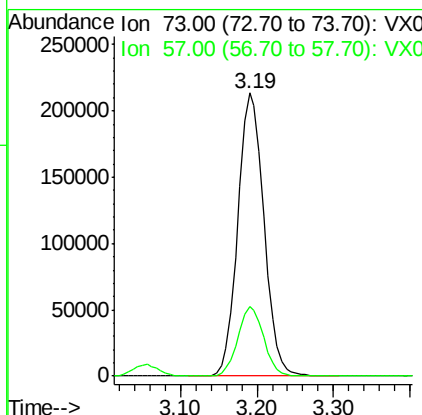
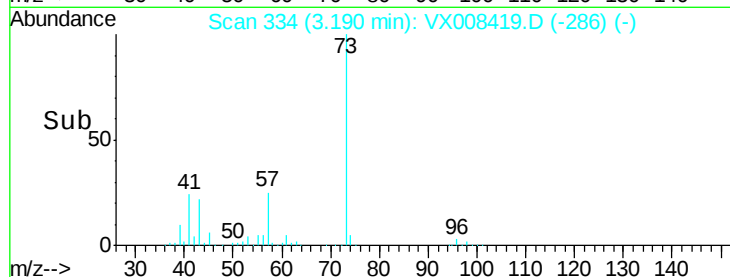
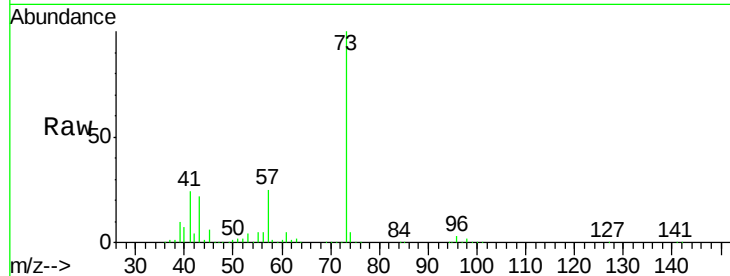
#19  
Methvl tert-butvl Ether  
Concen: 53.117 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. -0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 504447  
Ion Ratio Lower Upper  
73 100  
57 24.5 18.6 28.0

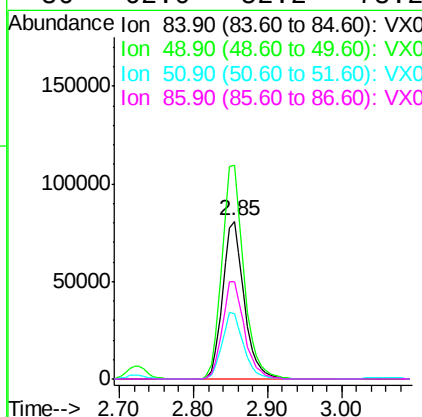
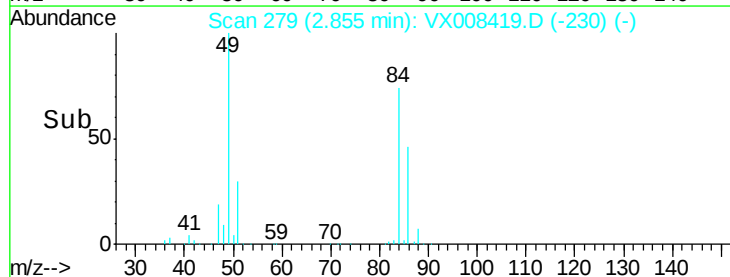
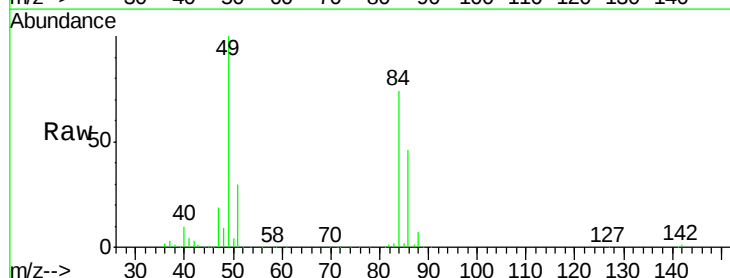
Manual Integrations  
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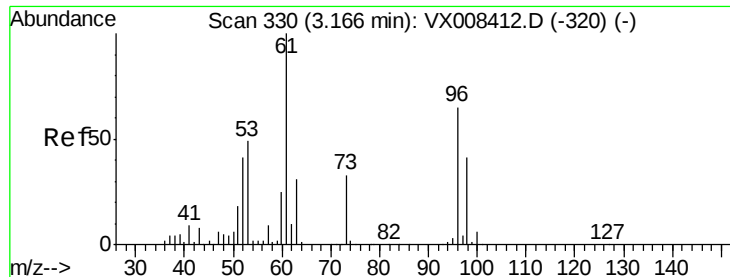
MMDadoda  
3/27/2019 8:56:05 AM



#20  
Methylene Chloride  
Concen: 55.603 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Tgt Ion: 84 Resp: 162675  
Ion Ratio Lower Upper  
84 100  
49 135.2 110.6 165.8  
51 41.1 33.9 50.9  
86 62.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 55.885 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 146673

Ion Ratio Lower Upper

96 100

61 158.3 122.6 184.0

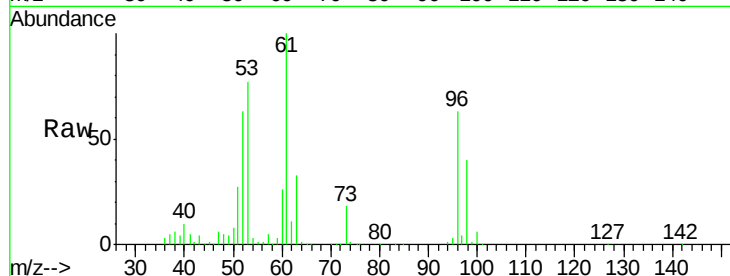
98 64.1 50.9 76.3

Manual Integrations

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MMDadoda

3/27/2019 8:56:05 AM

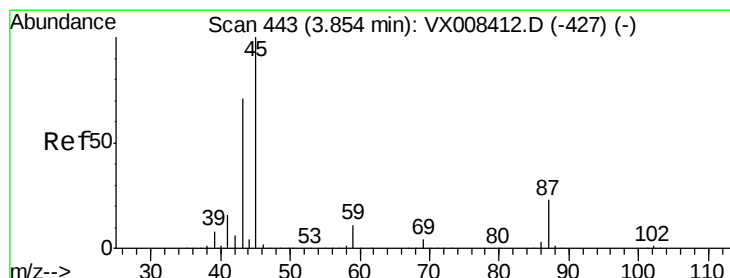
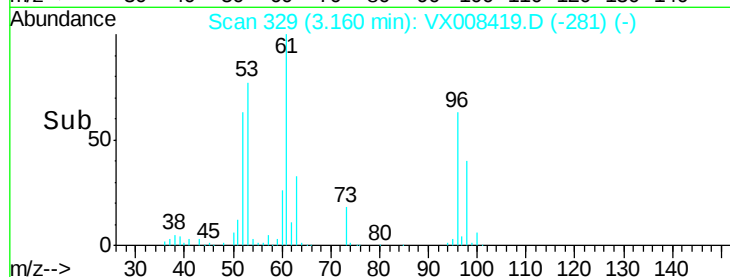
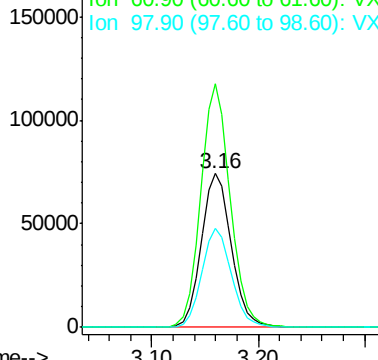


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.839 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Tgt Ion: 45 Resp: 604084

Ion Ratio Lower Upper

45 100

43 64.3 57.1 85.7

87 23.2 18.8 28.2

59 10.8 8.7 13.1

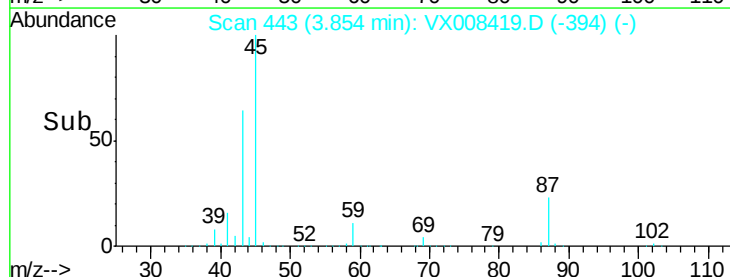
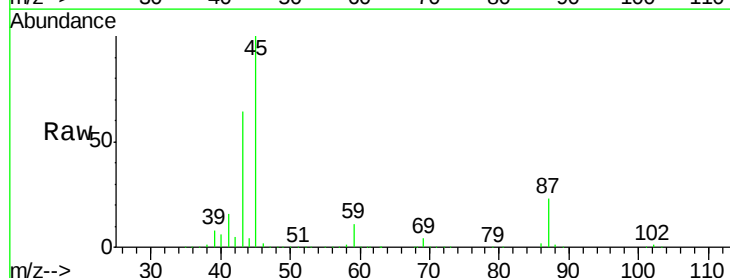
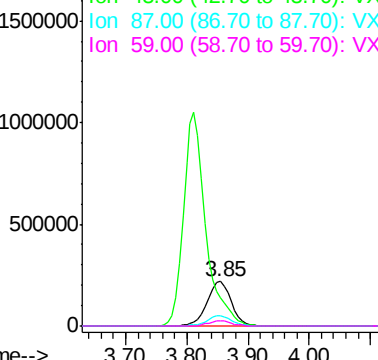
Abundance

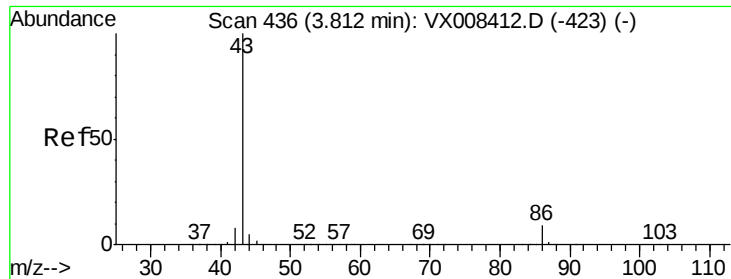
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 269.468 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2687714

Ion Ratio Lower Upper

43 100

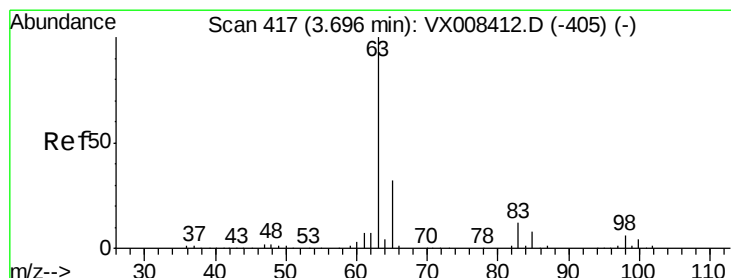
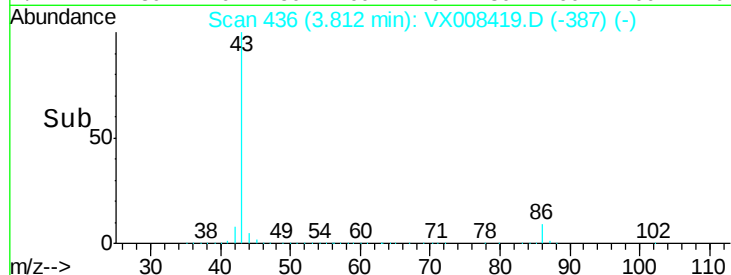
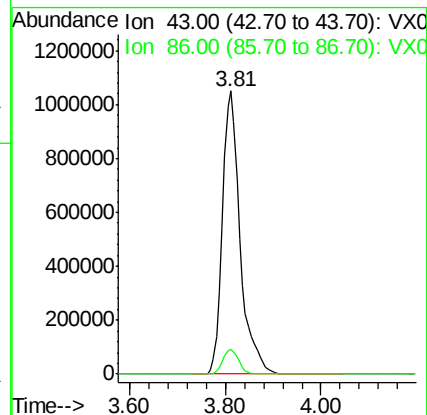
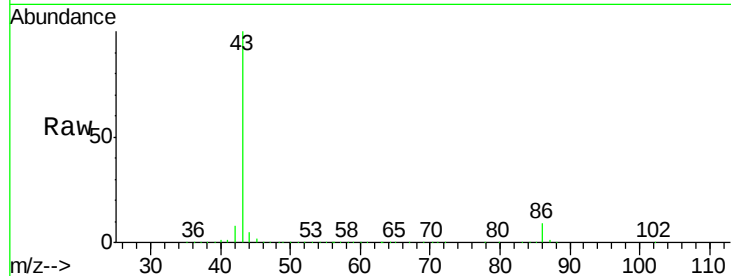
86 8.8 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.664 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

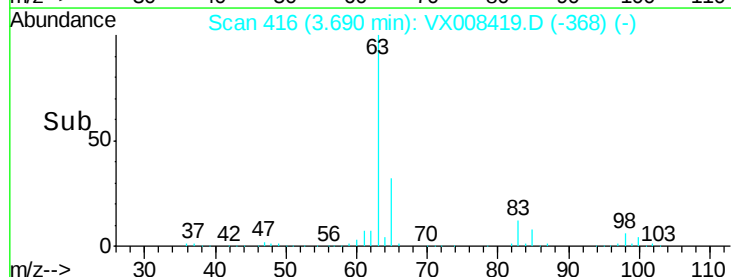
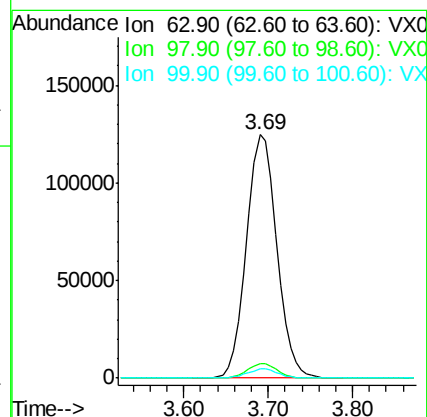
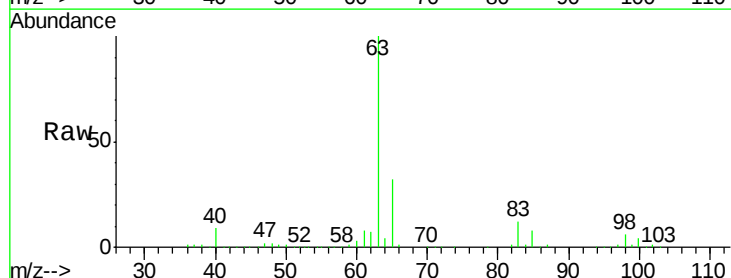
Tgt Ion: 63 Resp: 303961

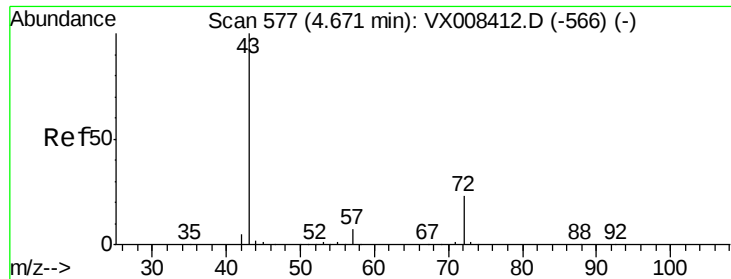
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 259.221 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 745930

Ion Ratio Lower Upper

43 100

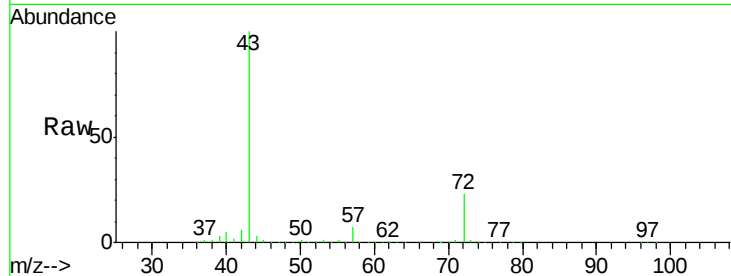
72 22.8 18.6 28.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

250000

200000

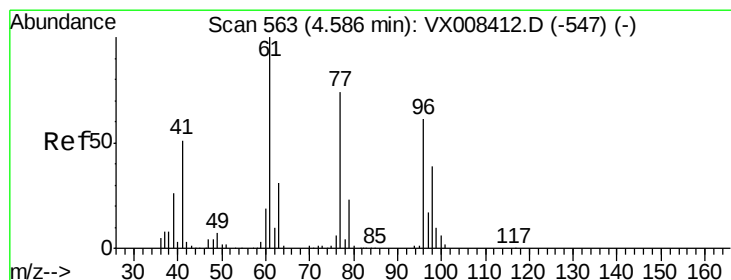
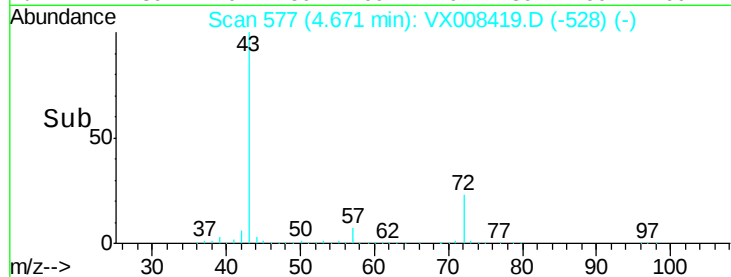
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 55.953 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008419.D

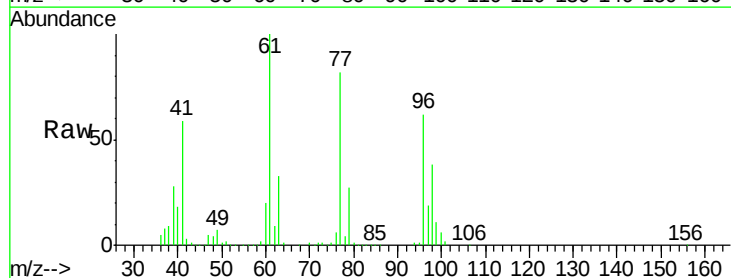
Acq: 25 Mar 2019 18:40

Tgt Ion: 77 Resp: 214796

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

80000

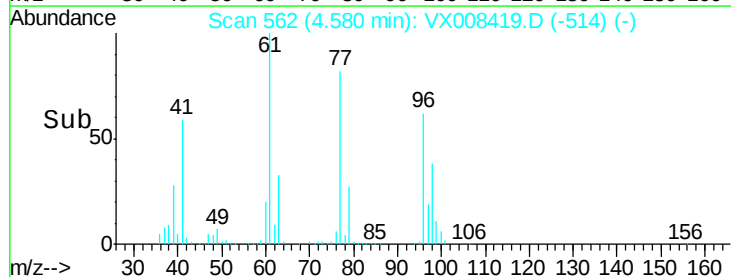
60000

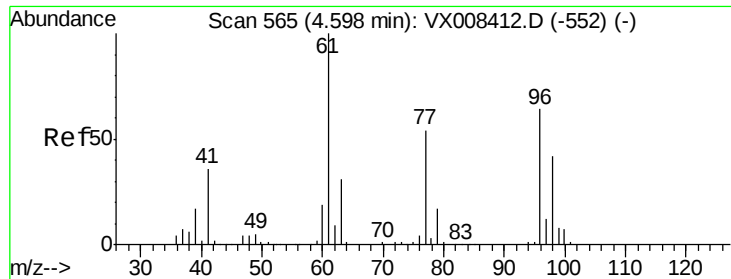
40000

20000

0

Time-->





#27

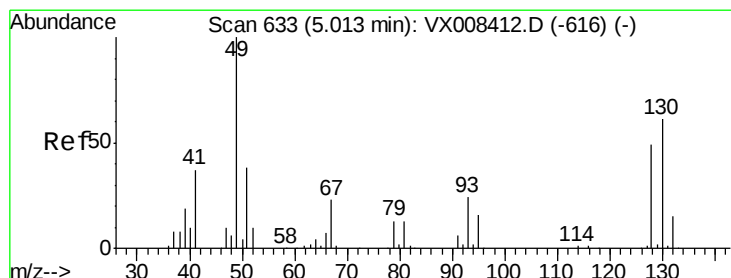
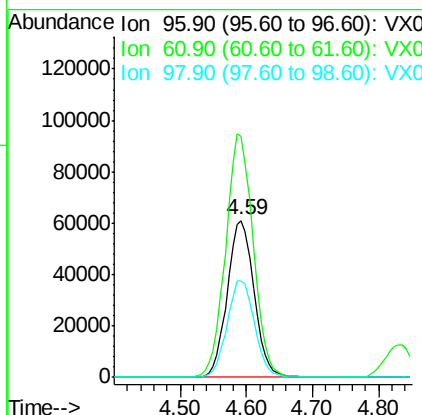
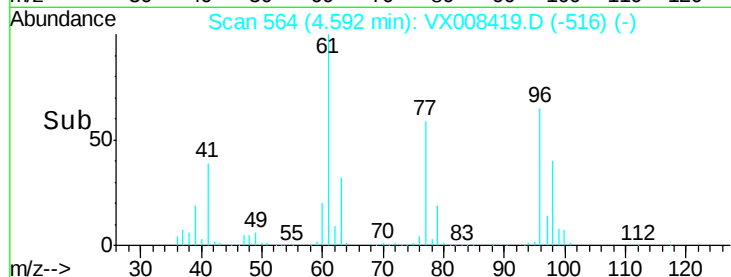
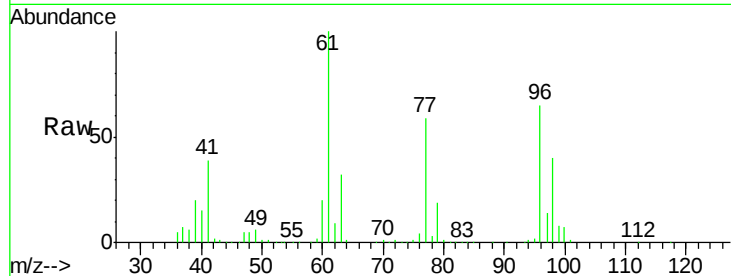
cis-1,2-Dichloroethene  
Concen: 53.207 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.7 | 0.0   | 325.6 |
| 98      | 63.4  | 0.0   | 130.0 |

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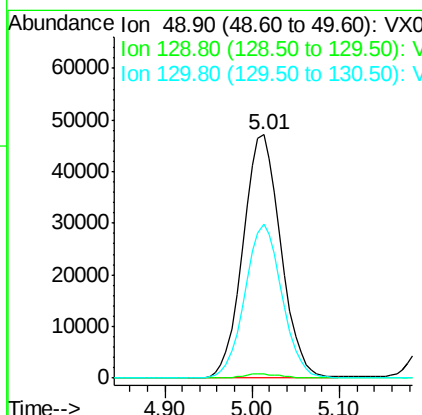
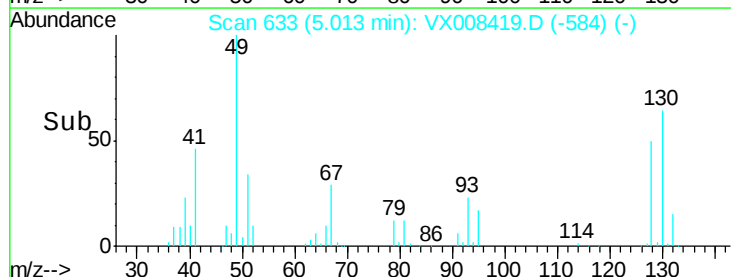
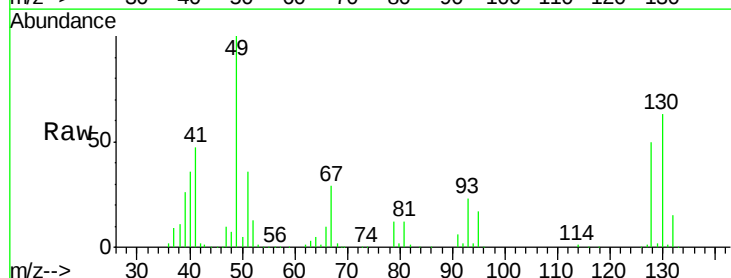
MMDadoda  
3/27/2019 8:56:05 AM

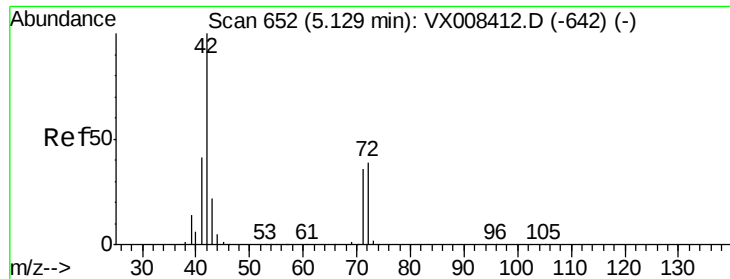


#28

Bromochloromethane  
Concen: 49.721 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 3.4   |
| 130     | 62.1  | 49.8  | 74.6  |





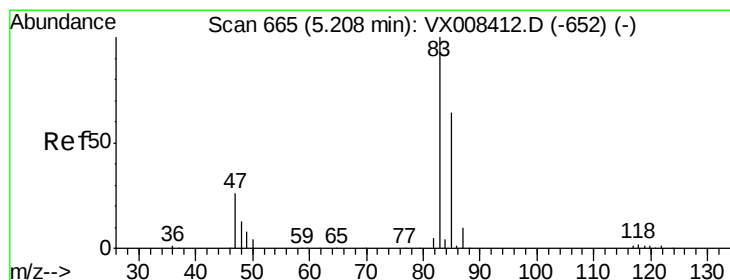
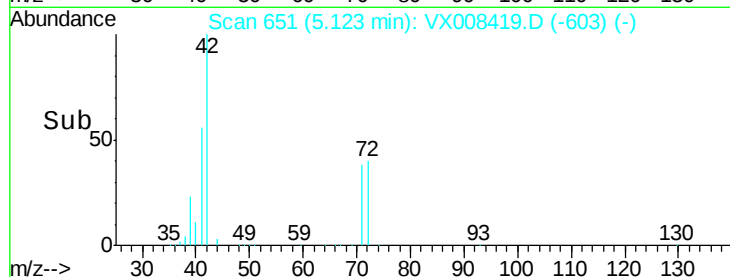
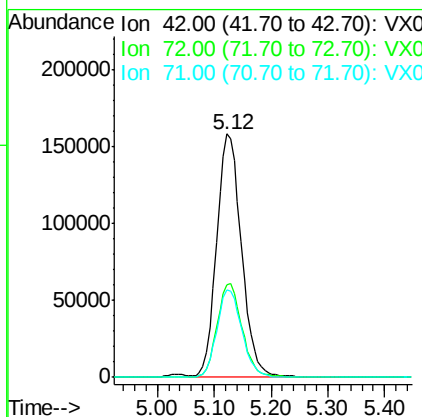
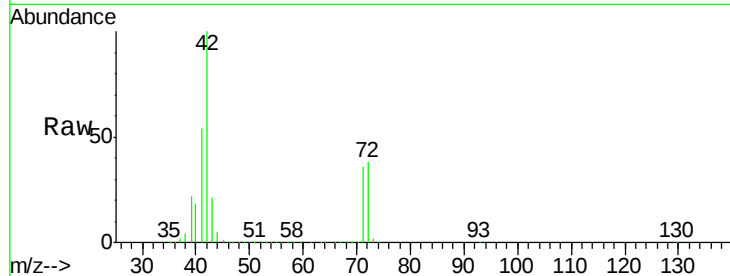
#29  
Tetrahydrofuran  
Concen: 251.289 ug/l  
RT: 5.12 min Scan# 651  
Delta R.T. -0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.0  | 31.4  | 47.2  |
| 71      | 36.4  | 29.4  | 44.2  |

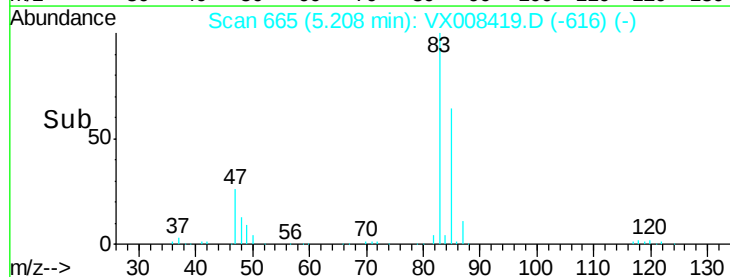
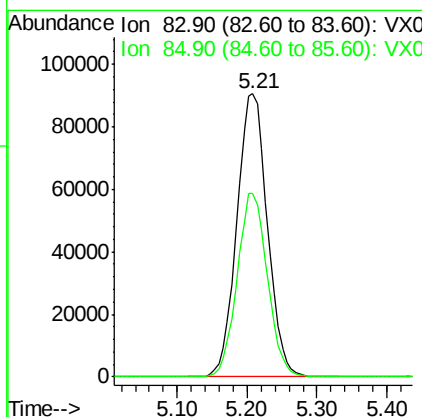
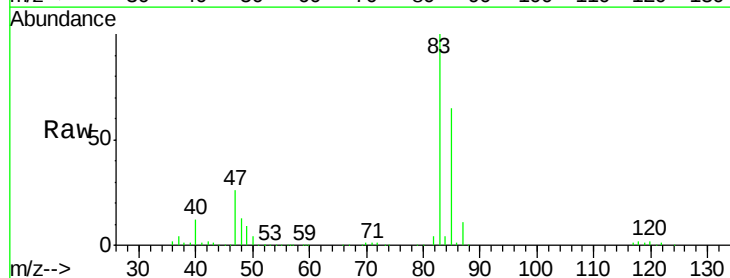
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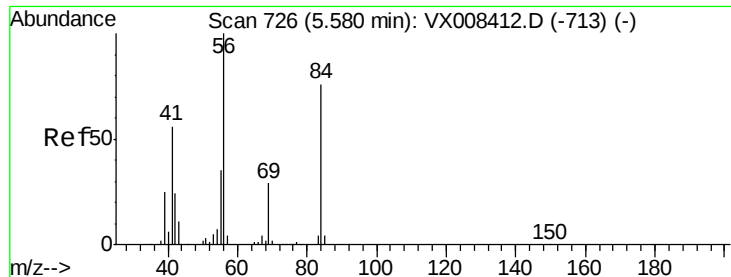
MMDadoda  
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#30  
Chloroform  
Concen: 52.690 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.0  | 51.4  | 77.2  |





#31

Cyclohexane

Concen: 53.830 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

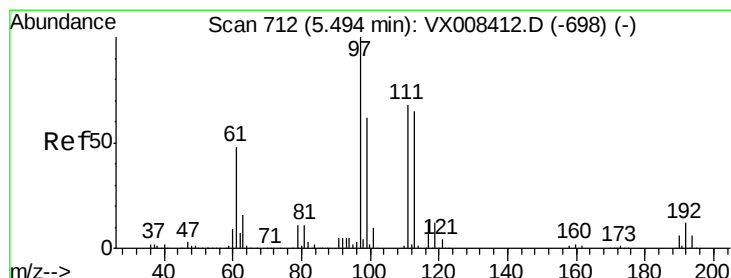
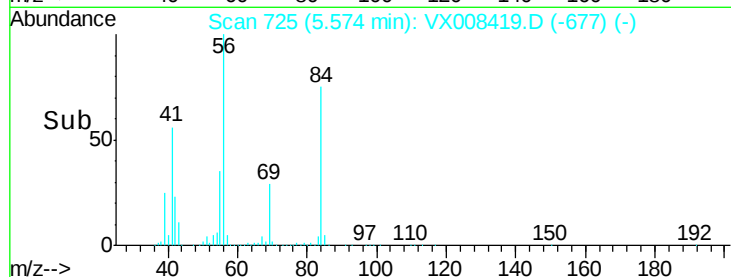
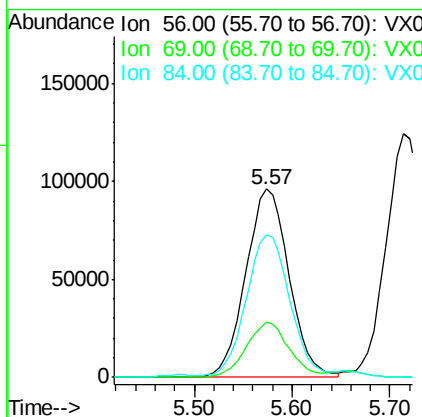
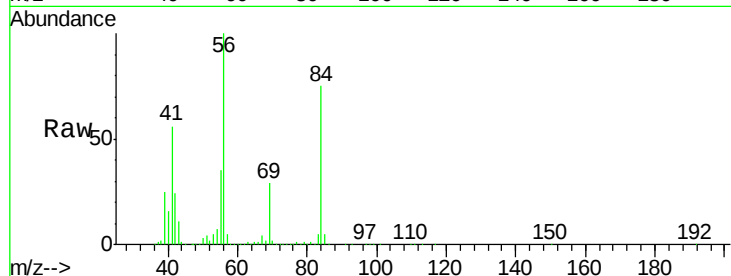
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 296319 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 29.4  | 23.2  | 34.8   |
| 84       | 74.3  | 60.7  | 91.1   |

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#32

1,1,1-Trichloroethane

Concen: 54.269 ug/l

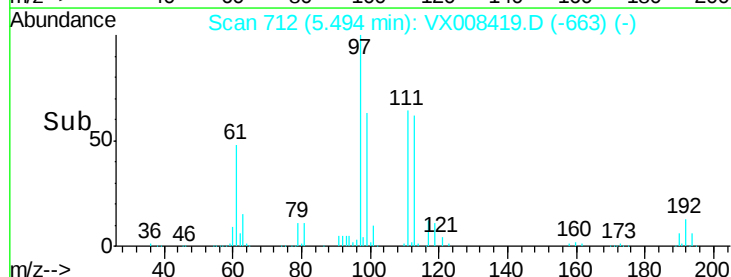
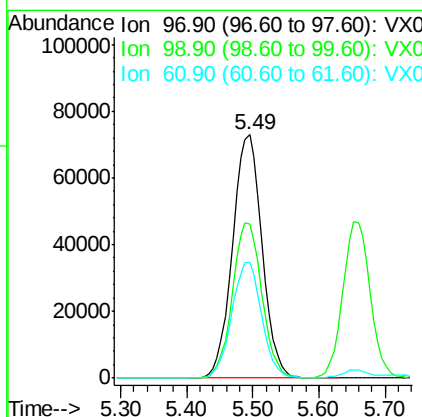
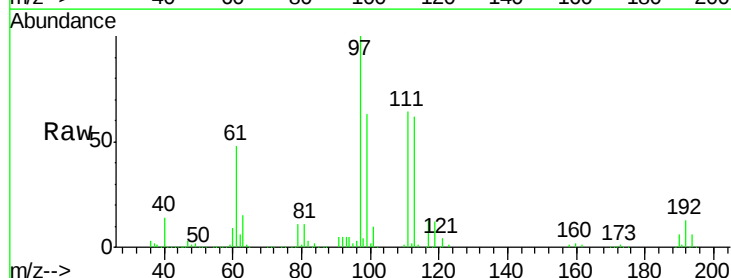
RT: 5.49 min Scan# 712

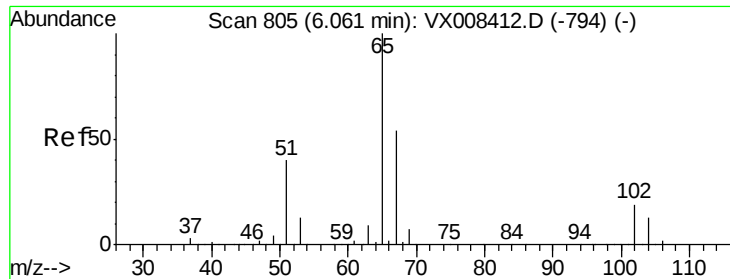
Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 225949 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.5  | 51.5  | 77.3   |
| 61       | 48.1  | 38.8  | 58.2   |





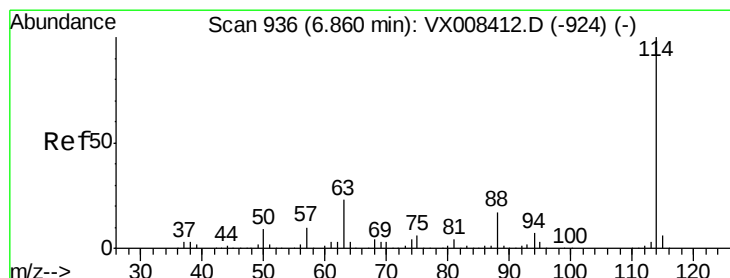
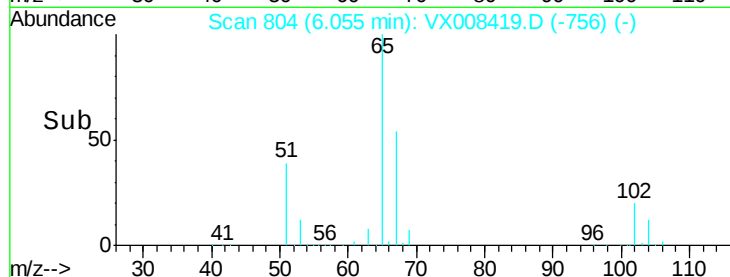
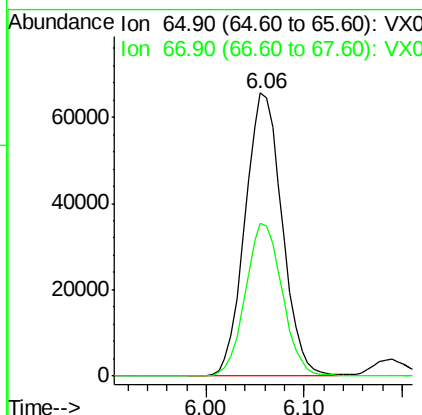
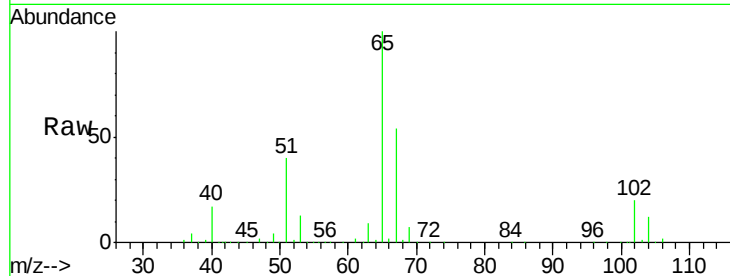
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.487 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. -0.01 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 65 Resp: 173386  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 109.4

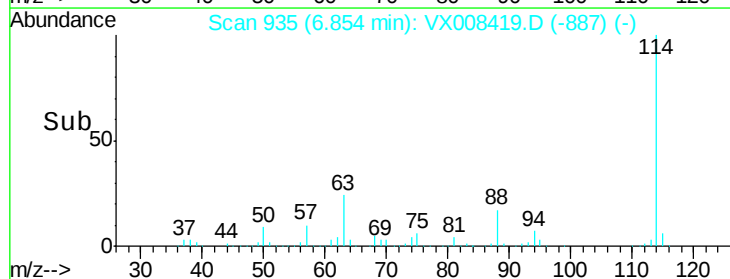
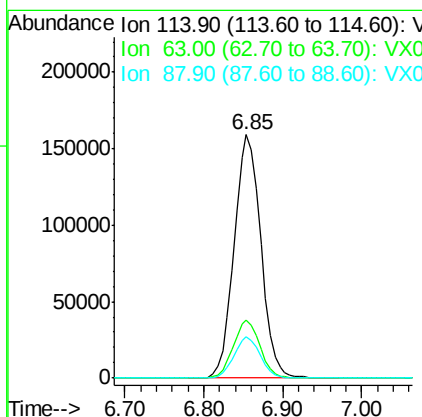
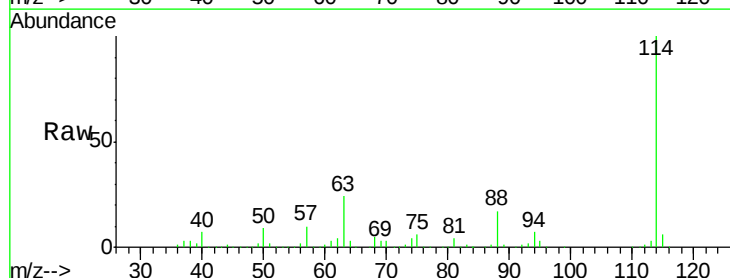
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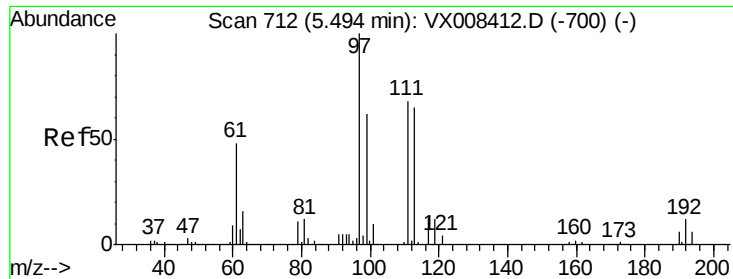
MMDadoda  
 3/27/2019 8:56:05 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Tgt Ion: 114 Resp: 375047  
 Ion Ratio Lower Upper  
 114 100  
 63 23.9 0.0 46.4  
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.165 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

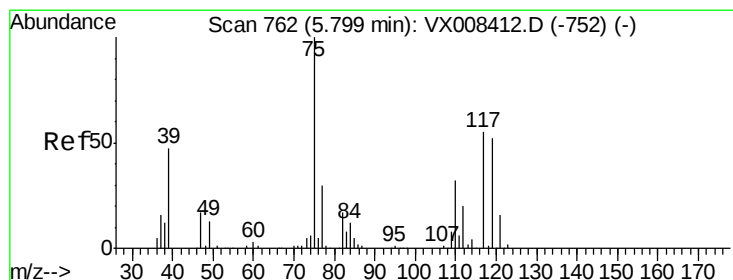
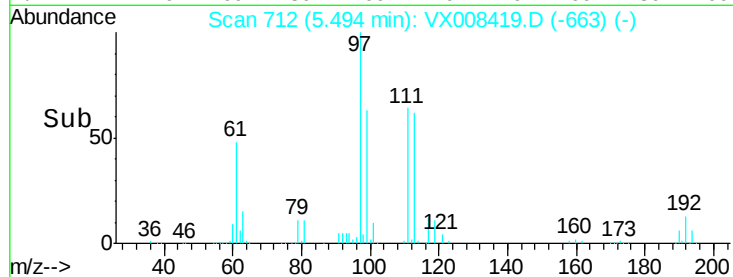
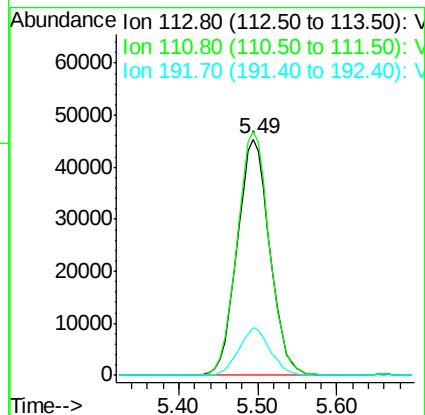
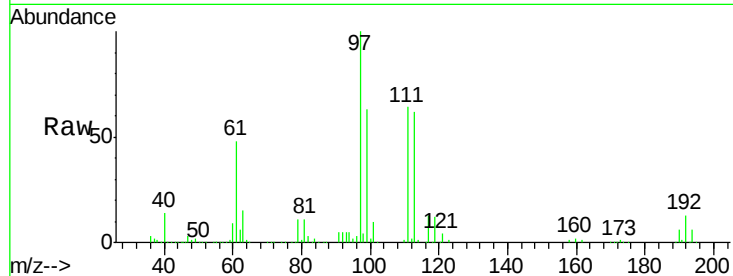
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 130014 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.0 | 83.0  | 124.4  |
| 192       | 19.4  | 15.6  | 23.4   |

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#36

1,1-Dichloropropene

Concen: 54.563 ug/l

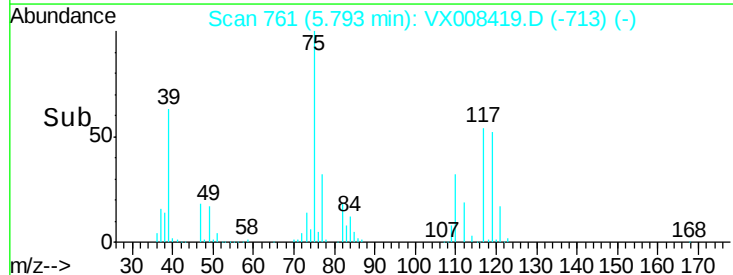
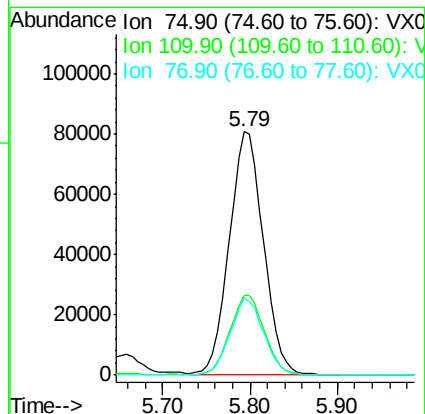
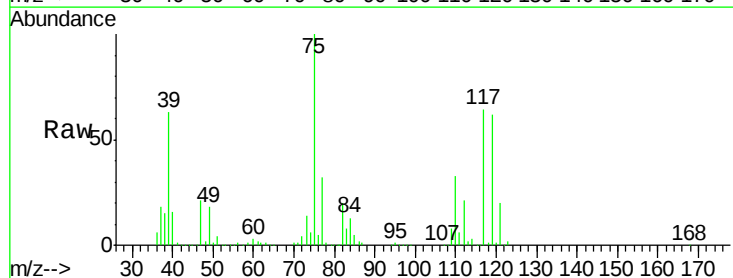
RT: 5.79 min Scan# 761

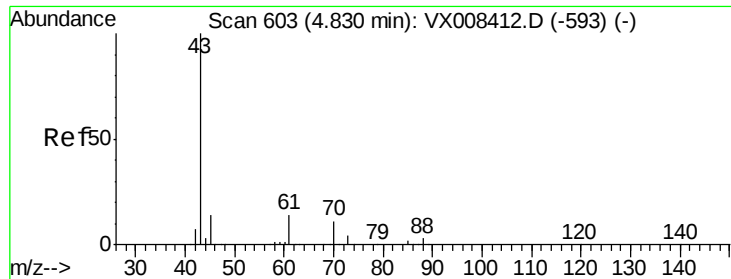
Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 218190 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 33.4  | 16.6  | 49.7   |
| 77        | 31.3  | 24.2  | 36.2   |





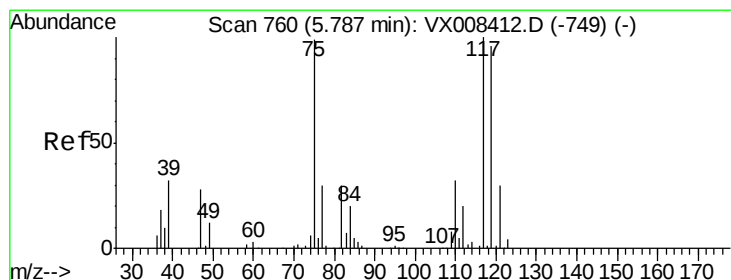
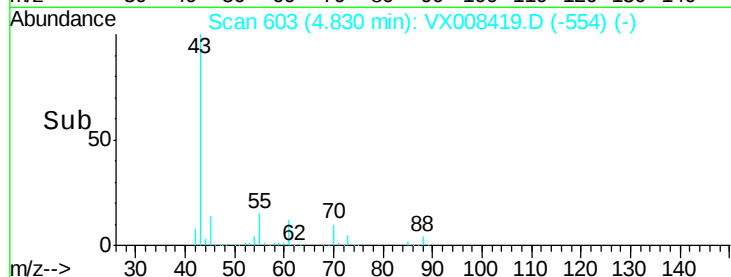
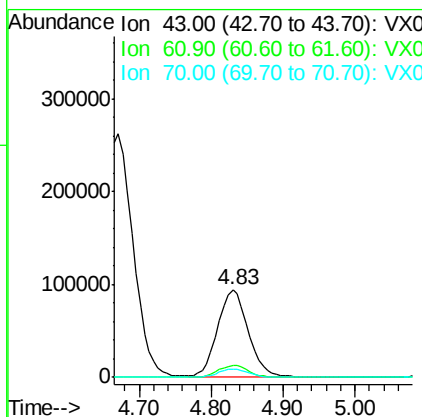
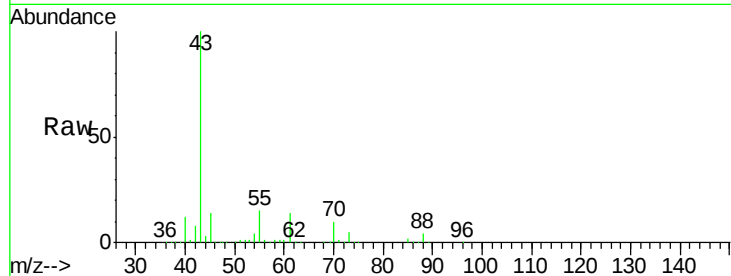
#37  
Ethyl Acetate  
Concen: 54.041 ug/l  
RT: 4.83 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 10.5  | 15.7  |
| 70      | 9.6   | 7.8   | 11.8  |

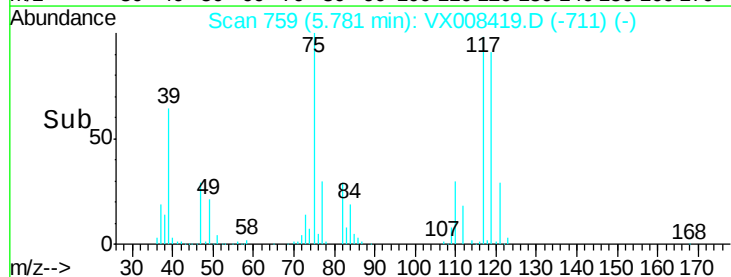
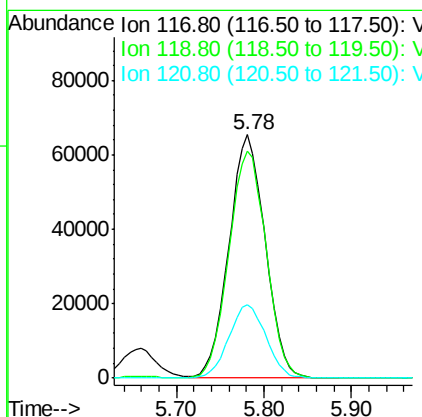
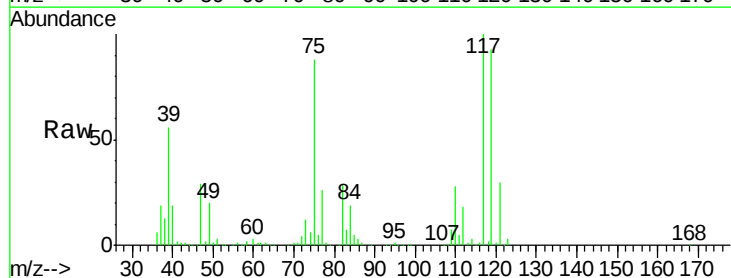
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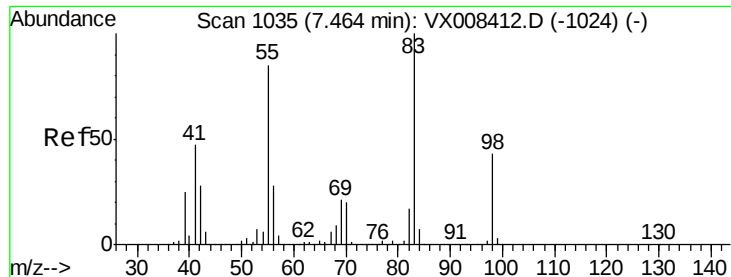
MMDadoda  
3/27/2019 8:56:05 AM



#38  
Carbon Tetrachloride  
Concen: 56.603 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.8  | 76.7  | 115.1 |
| 121     | 30.2  | 24.3  | 36.5  |





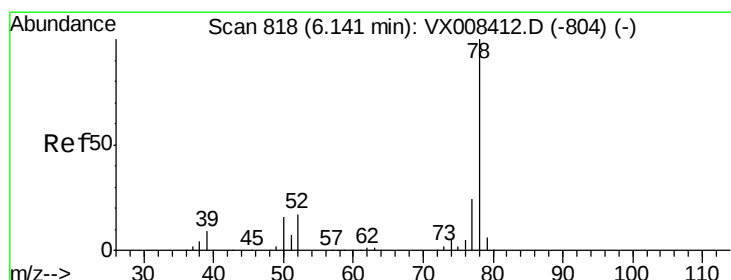
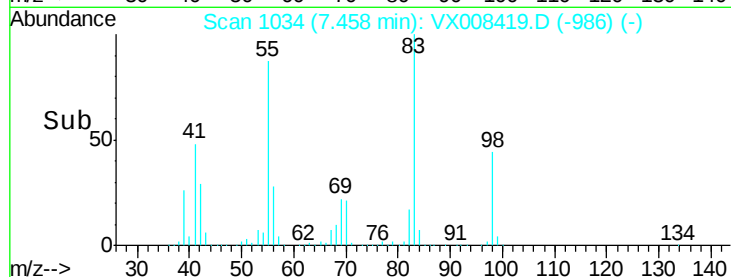
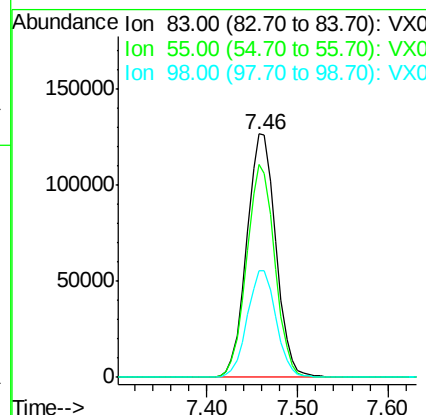
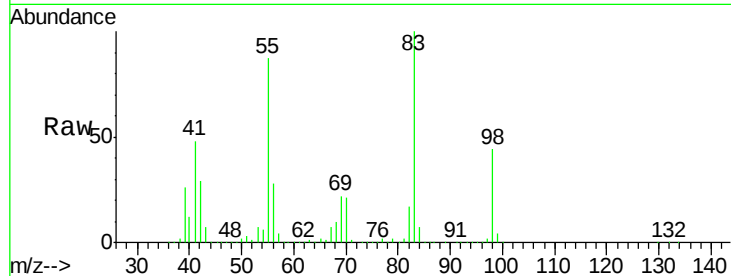
#39  
Methvlcvclohexane  
Concen: 58.845 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 87.5  | 68.2  | 102.4 |
| 98      | 44.0  | 34.2  | 51.4  |

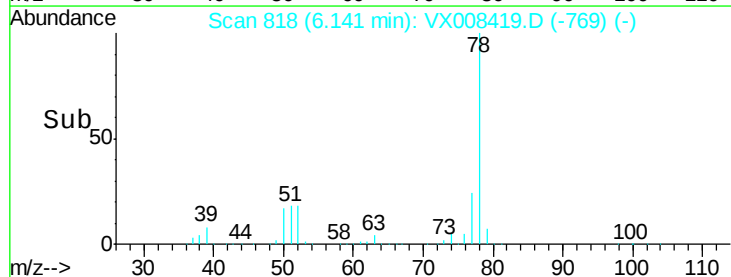
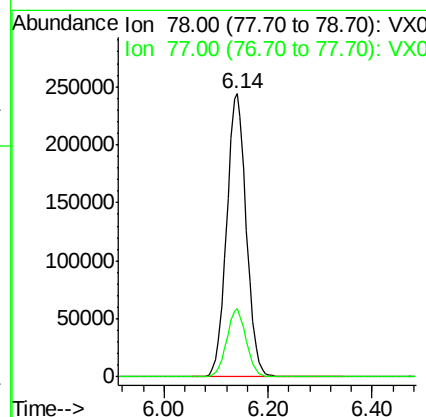
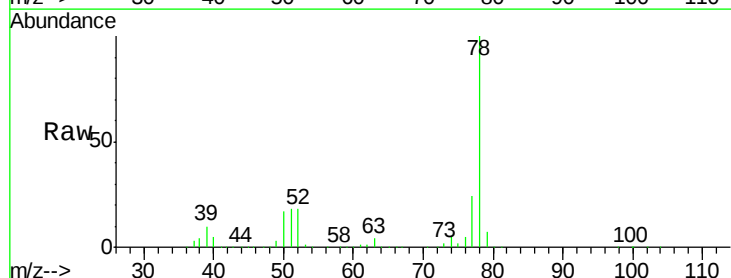
Manual Integrations  
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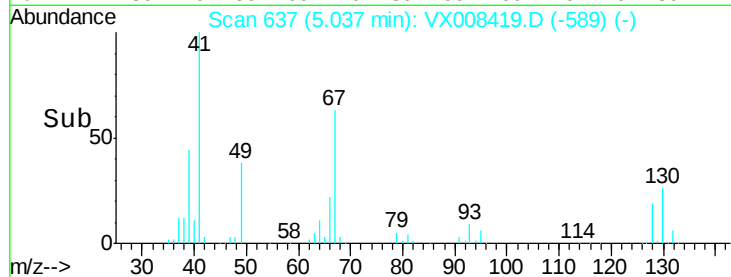
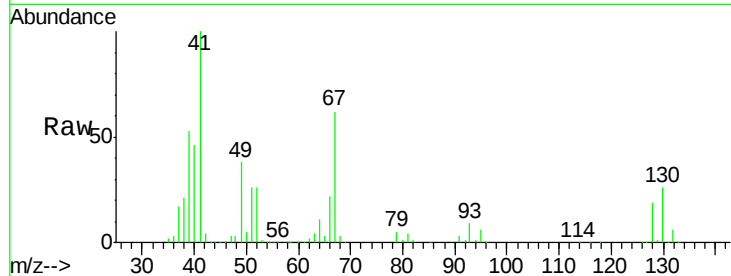
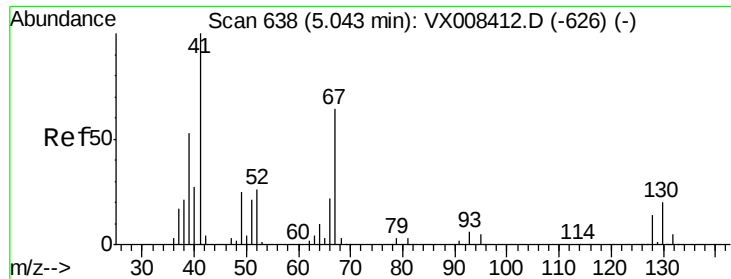
MMDadoda  
3/27/2019 8:56:05 AM



#40  
Benzene  
Concen: 54.194 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.1  | 19.3  | 28.9  |





#41

Methacrylonitrile

Concen: 54.033 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008419.D

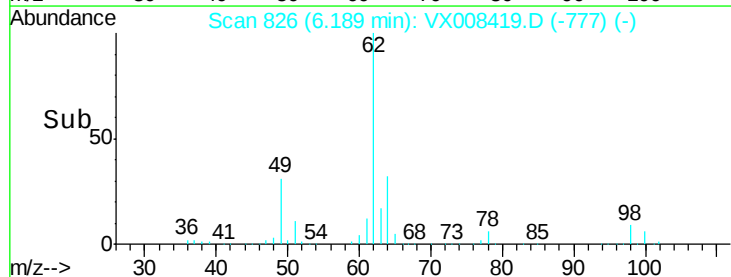
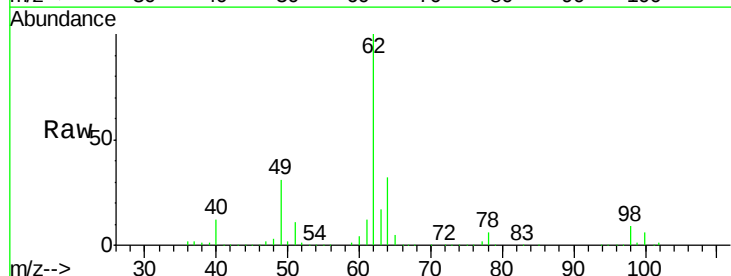
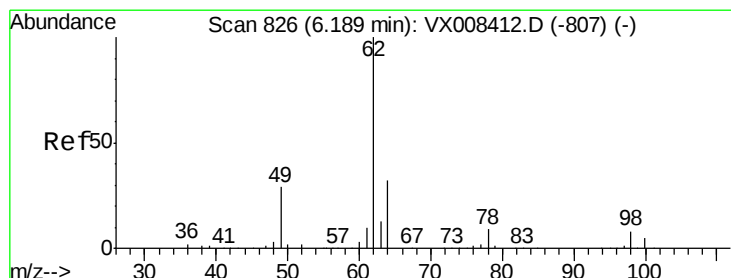
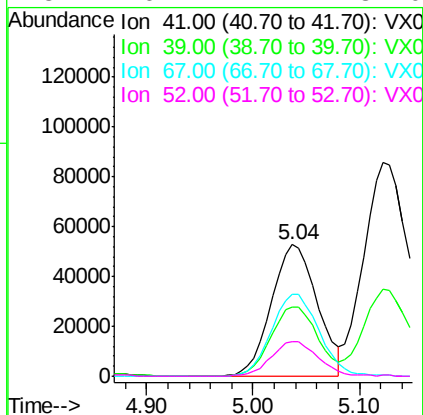
Acq: 25 Mar 2019 18:40

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 157304  | 41  | 100   |       |       |
|         | 39  | 54.2  | 42.6  | 64.0  |
|         | 67  | 64.9  | 52.2  | 78.4  |
|         | 52  | 26.4  | 21.4  | 32.0  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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3/27/2019 8:56:05 AM



#42

1,2-Dichloroethane

Concen: 53.148 ug/l

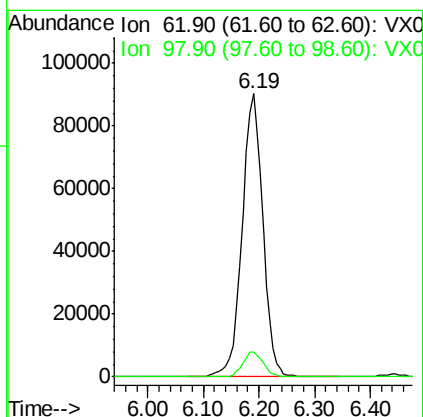
RT: 6.19 min Scan# 826

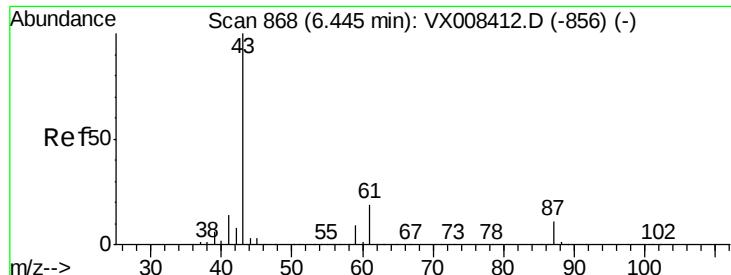
Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 232956  | 62  | 100   |       |       |
|         | 98  | 8.7   | 0.0   | 17.6  |





#43

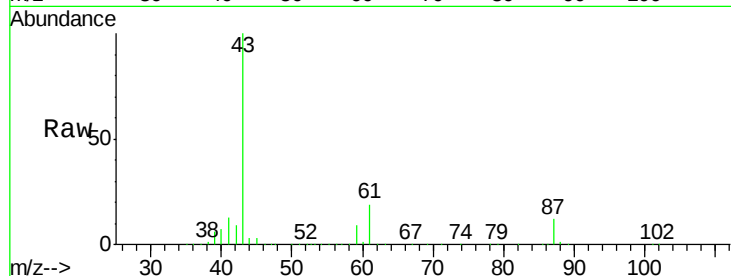
Isopropyl Acetate  
 Concen: 55.227 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

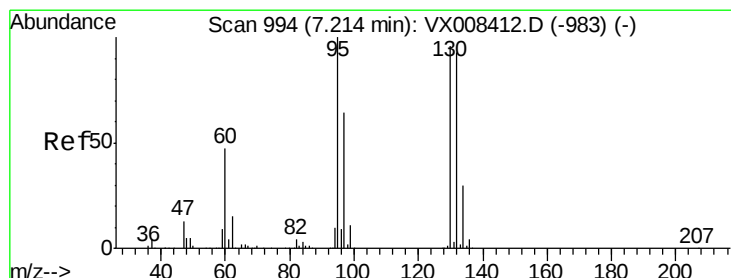
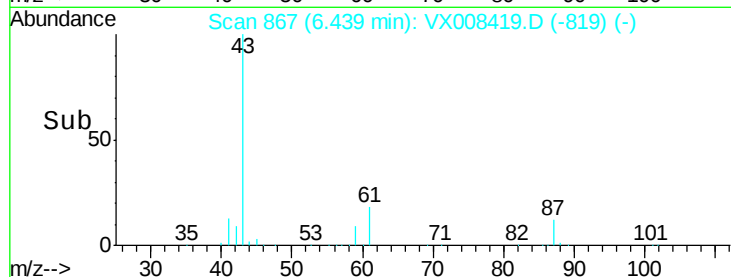
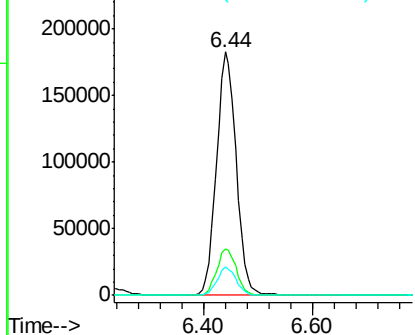
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.2  | 15.4  | 23.2  |
| 87      | 11.5  | 9.1   | 13.7  |

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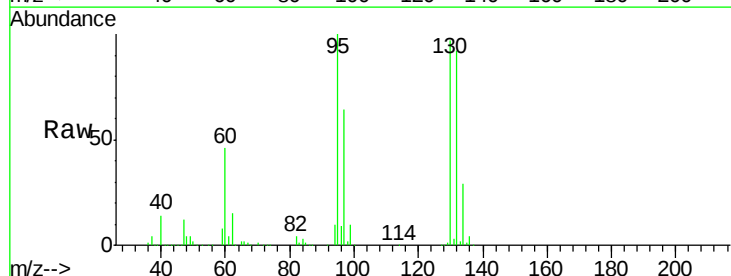
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



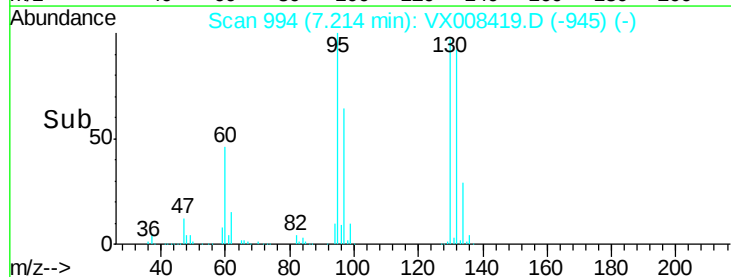
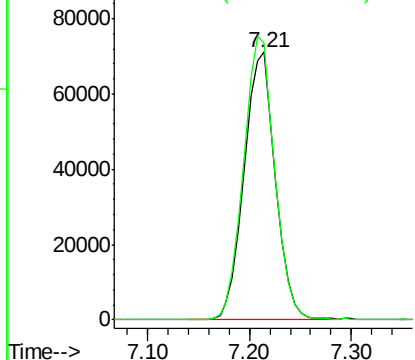
#44

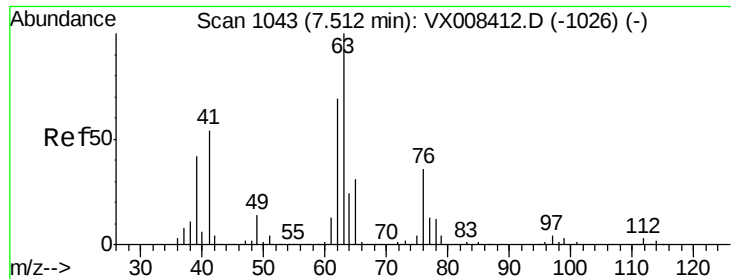
Trichloroethene  
 Concen: 54.050 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 103.6 | 0.0   | 208.8 |



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.597 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 185780

Ion Ratio Lower Upper

63 100

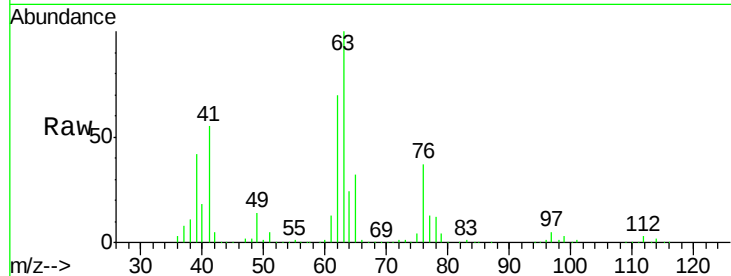
65 31.7 25.1 37.7

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

100000

80000

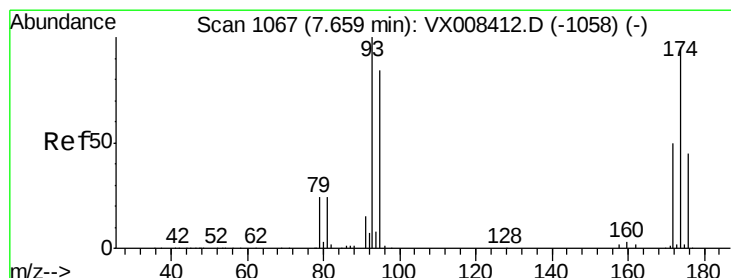
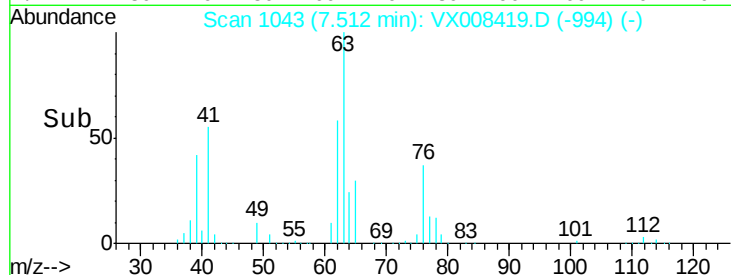
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 54.101 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

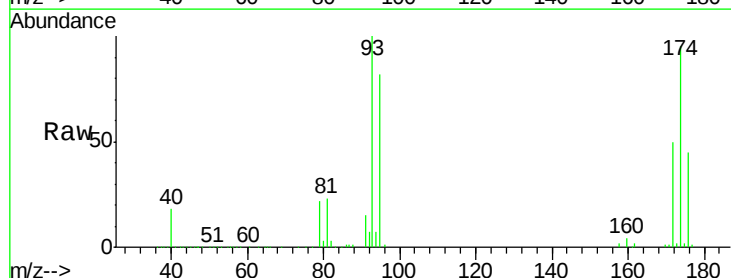
Tgt Ion: 93 Resp: 107502

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 93.5 76.0 114.0



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

7.66

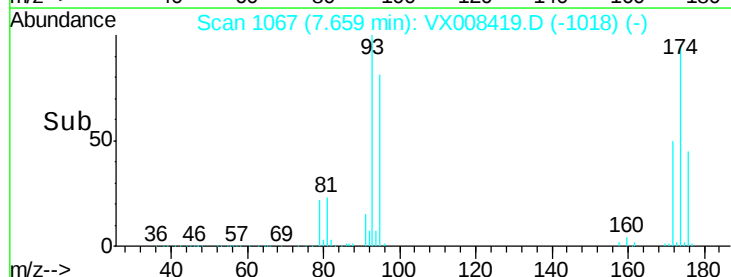
60000

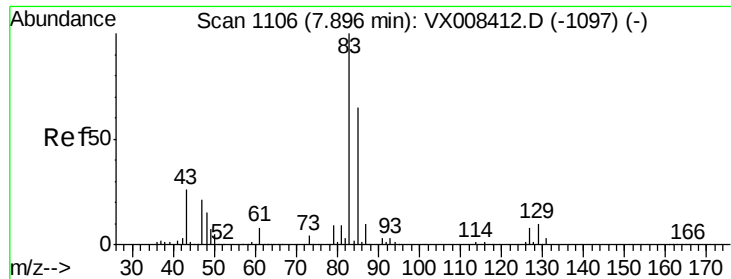
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 56.791 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

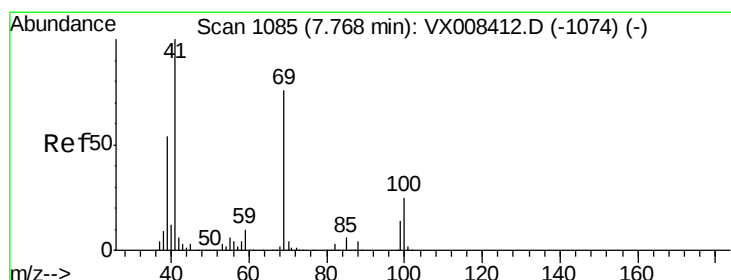
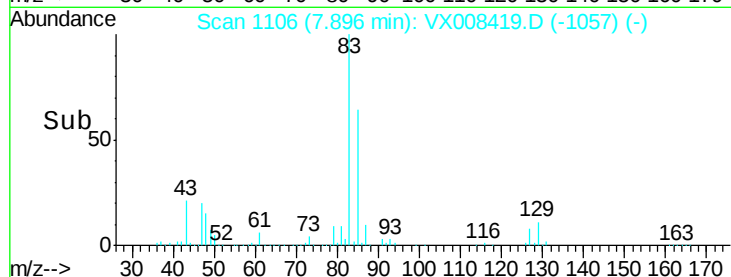
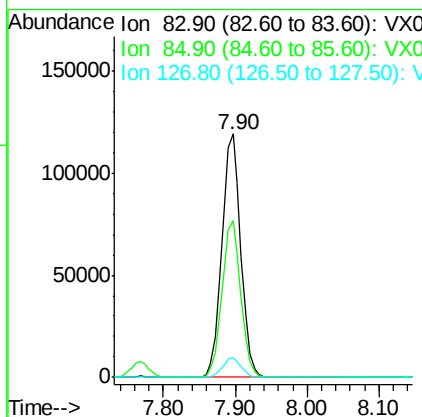
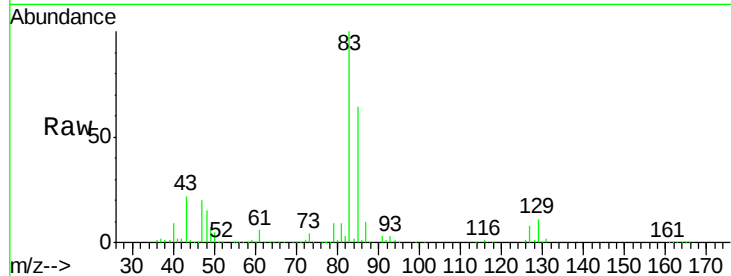
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 215994 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.2  | 52.0  | 78.0   |
| 127      | 8.0   | 6.4   | 9.6    |

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#48

Methyl methacrylate

Concen: 55.665 ug/l

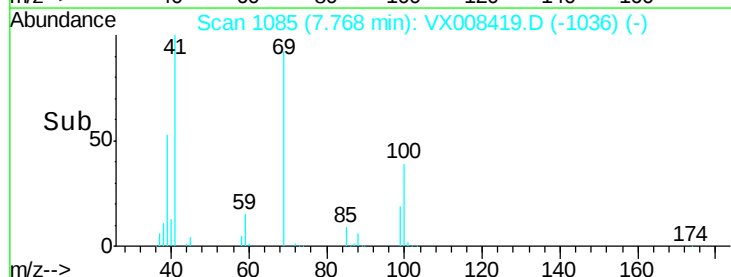
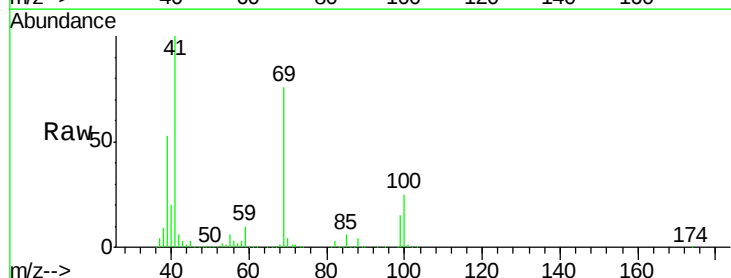
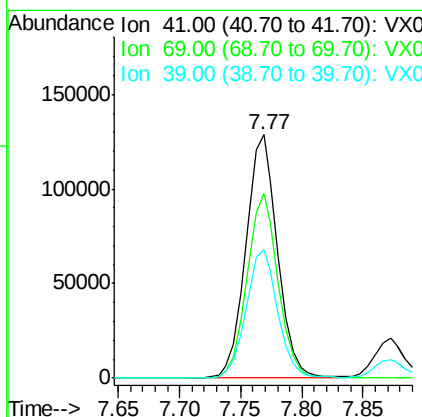
RT: 7.77 min Scan# 1085

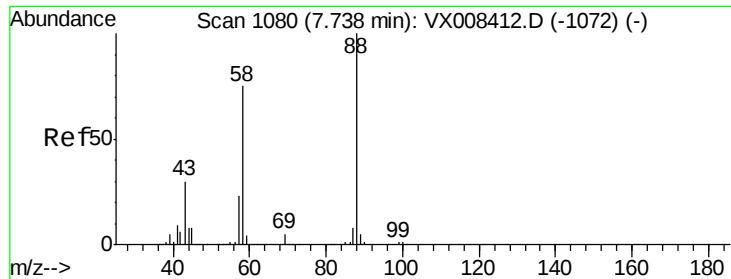
Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 230789 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 74.9  | 60.8  | 91.2   |
| 39       | 52.8  | 42.3  | 63.5   |





#49

1,4-Dioxane

Concen: 1081.356 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

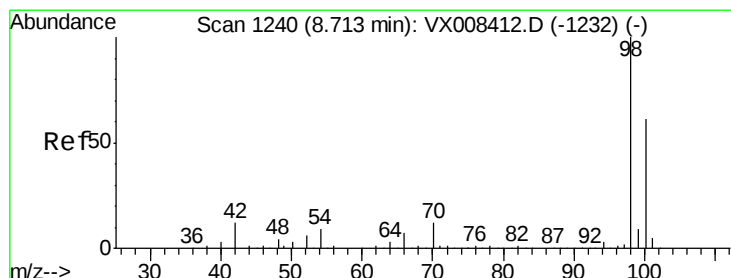
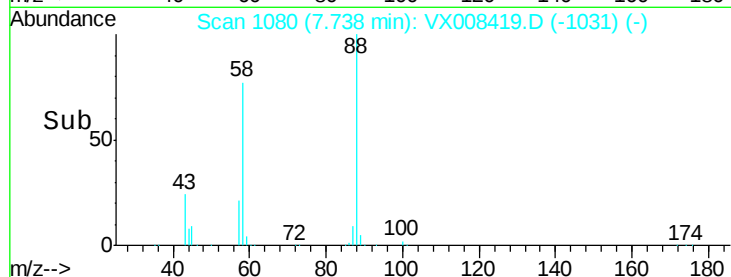
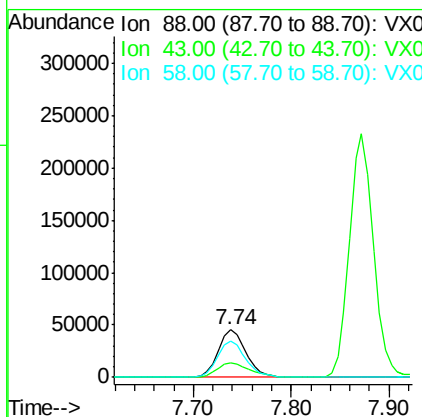
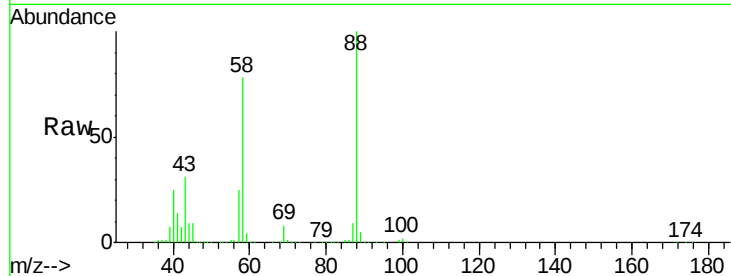
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 89144 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 37.0  | 28.6  | 43.0  |
| 58       | 78.5  | 63.0  | 94.4  |

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#50

Toluene-d8

Concen: 53.235 ug/l

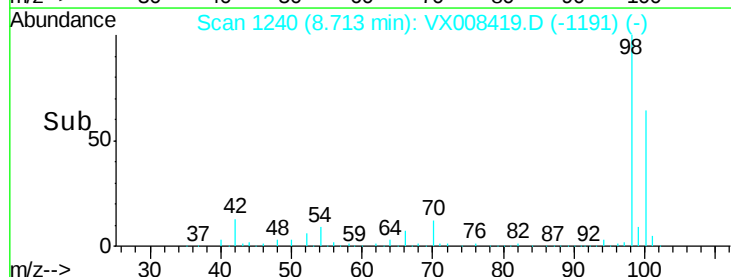
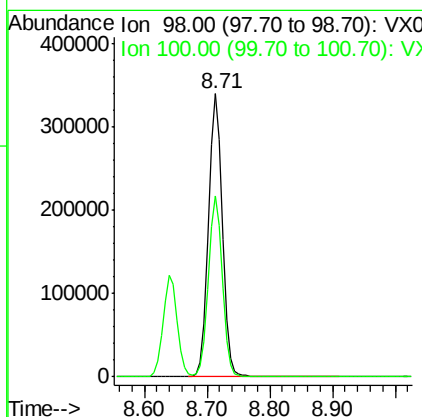
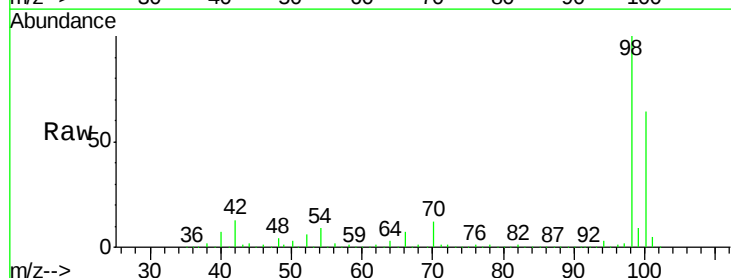
RT: 8.71 min Scan# 1240

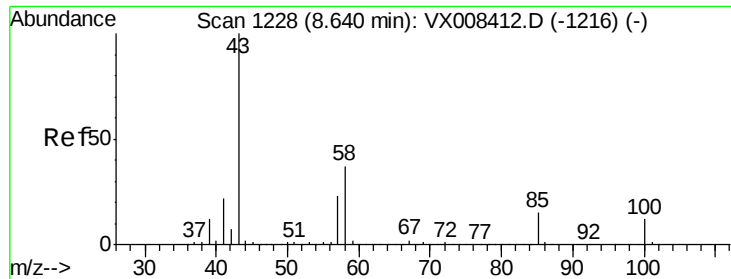
Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 520560 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.4  | 51.1  | 76.7   |





#51

4-Methyl-2-Pentanone

Concen: 280.322 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1508663

Ion Ratio Lower Upper

43 100

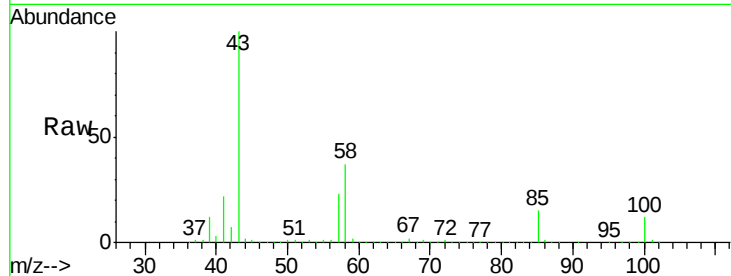
58 37.4 29.8 44.8

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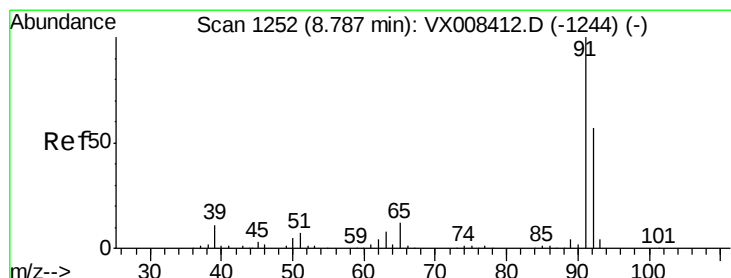
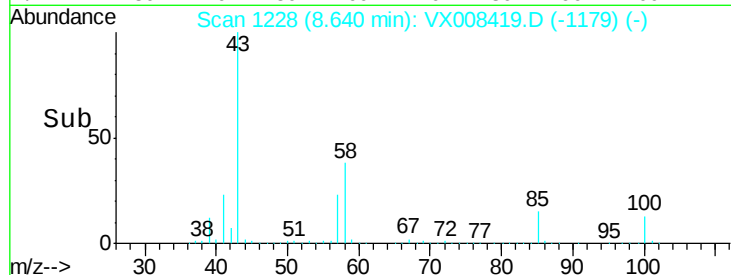
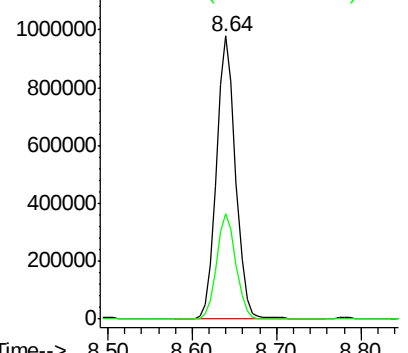
MMDadoda

3/27/2019 8:56:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.447 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008419.D

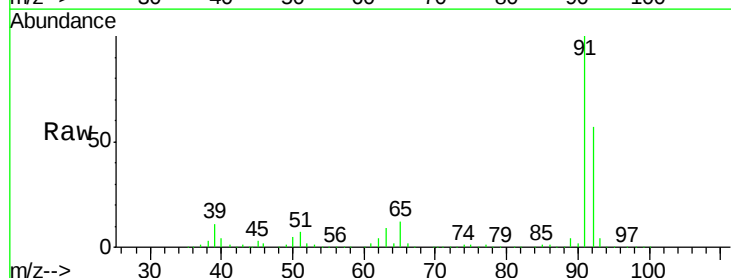
Acq: 25 Mar 2019 18:40

Tgt Ion: 92 Resp: 396895

Ion Ratio Lower Upper

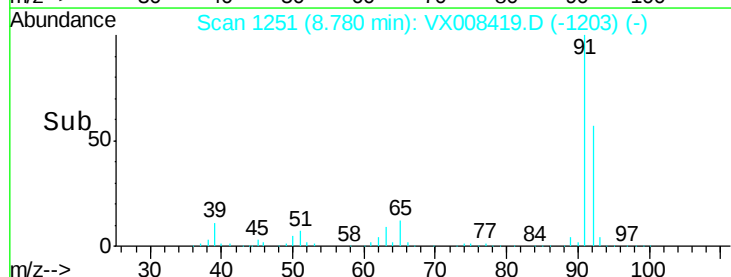
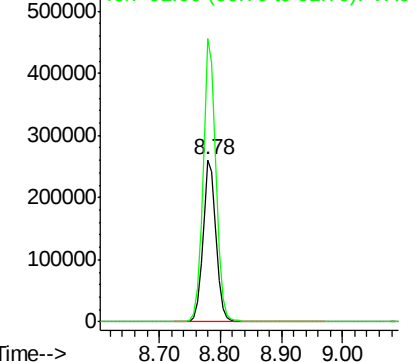
92 100

91 173.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





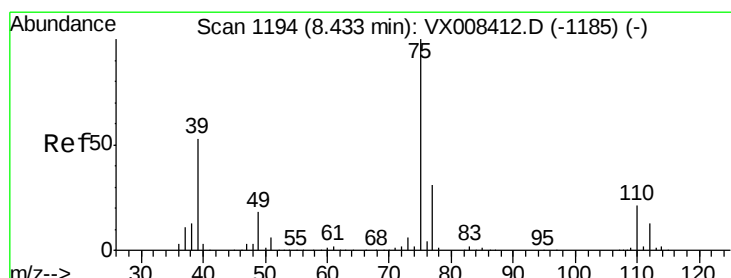
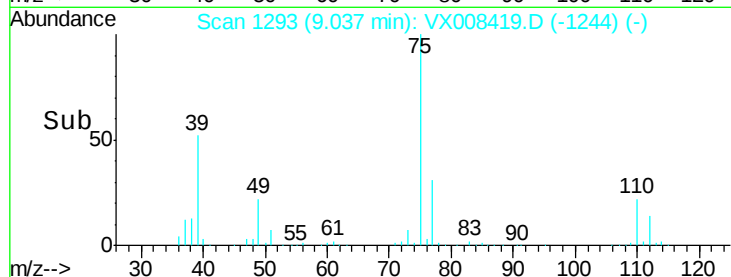
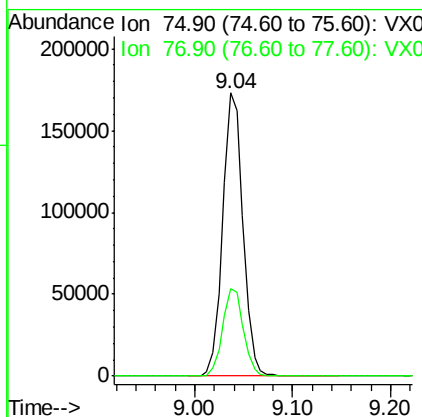
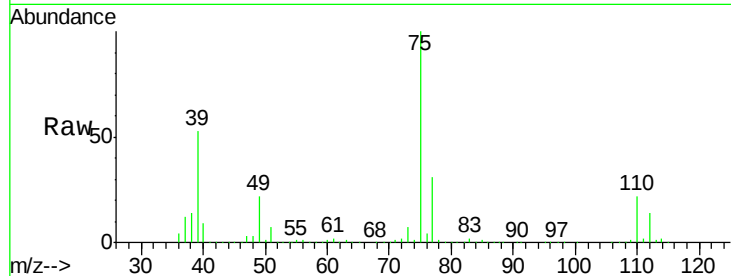
#53  
t-1,3-Dichloropropene  
Concen: 59.549 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 248074  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.3 36.5

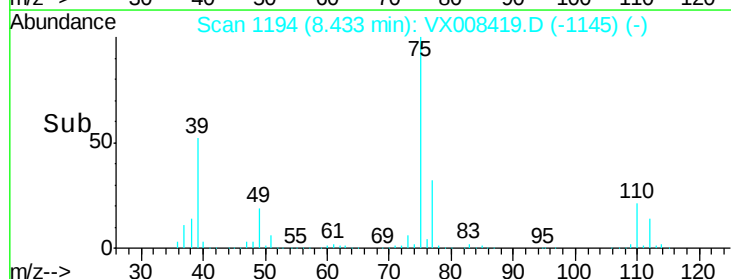
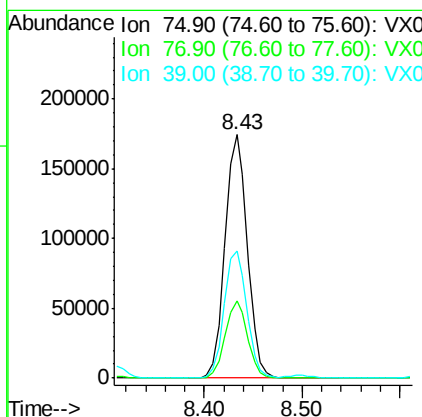
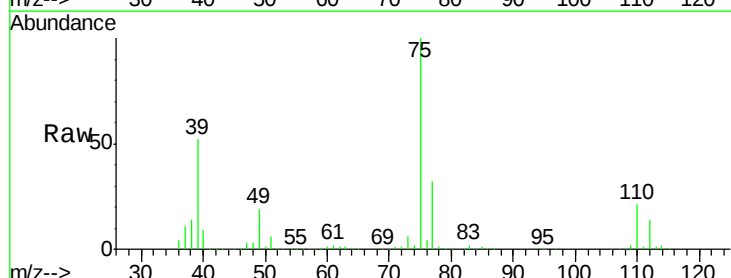
Manual Integrations  
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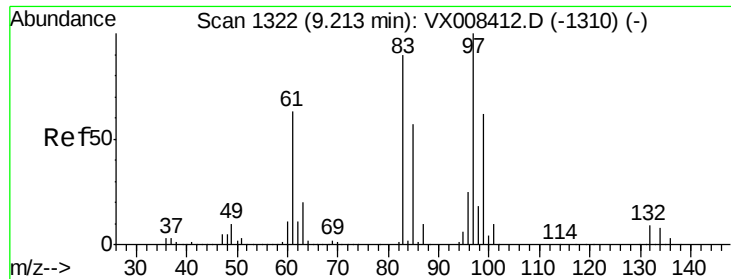
MMDadoda  
3/27/2019 8:56:05 AM



#54  
cis-1,3-Dichloropropene  
Concen: 58.161 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Tgt Ion: 75 Resp: 275516  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.7 37.1  
39 52.4 42.4 63.6





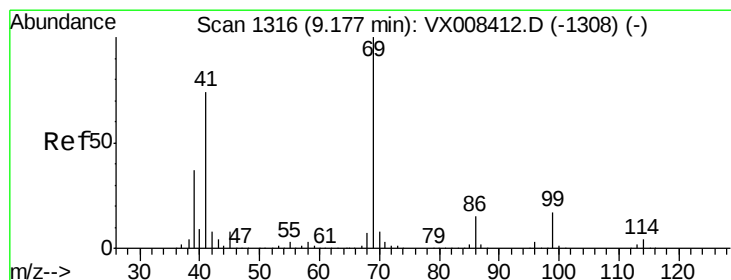
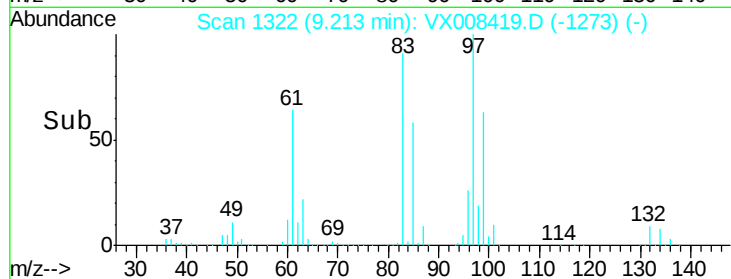
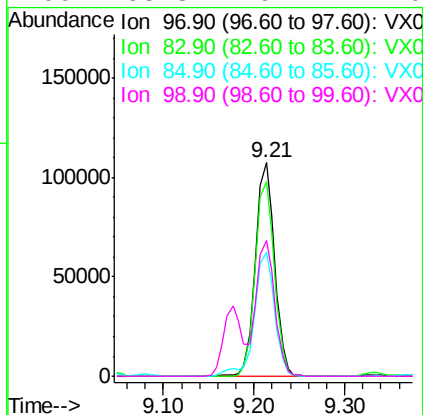
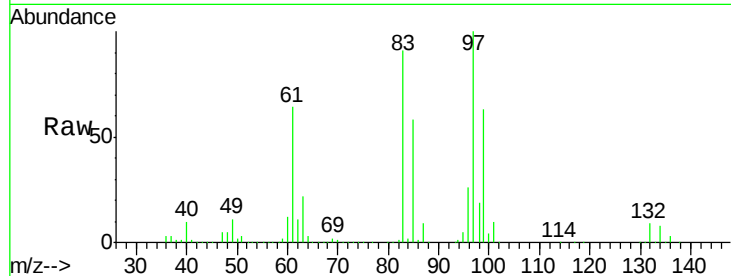
#55  
 1,1,2-Trichloroethane  
 Concen: 54.319 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 158276 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 90.9  | 71.8  | 107.6  |
| 85       | 58.3  | 45.9  | 68.9   |
| 99       | 63.3  | 49.4  | 74.0   |

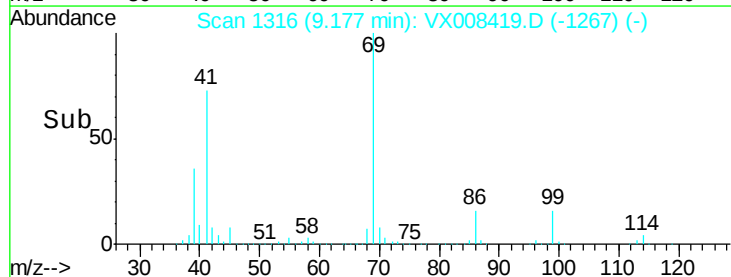
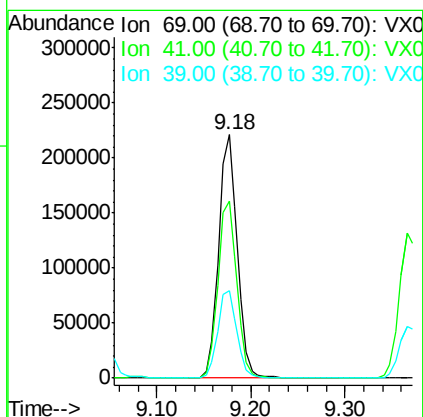
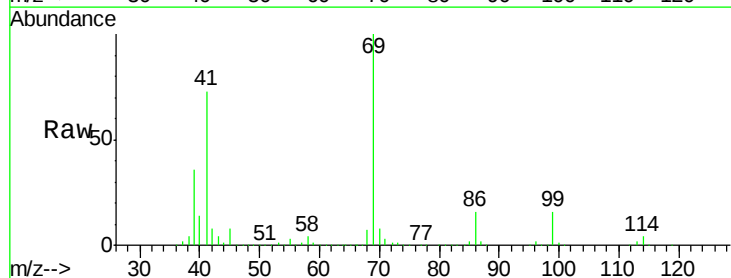
Manual Integrations  
 APPROVED

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 3/27/2019 8:56:05 AM



#56  
 Ethyl methacrylate  
 Concen: 57.529 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 302585 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.2  | 59.5  | 89.3   |
| 39       | 36.9  | 29.3  | 43.9   |





#57

1,3-Dichloropropane

Concen: 54.152 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 282903

Ion Ratio Lower Upper

76 100

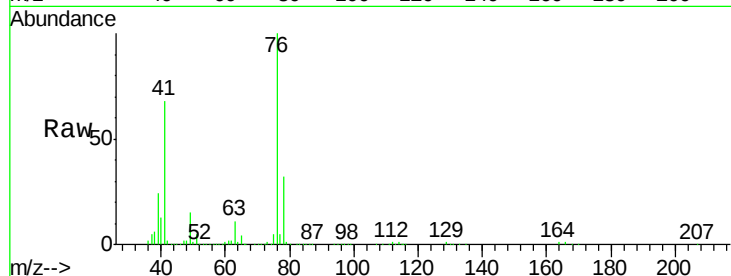
78 32.5 25.8 38.8

Manual Integrations

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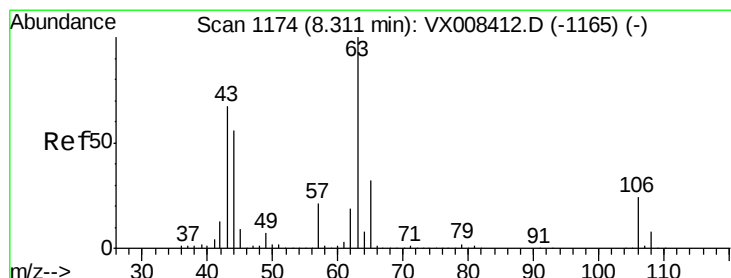
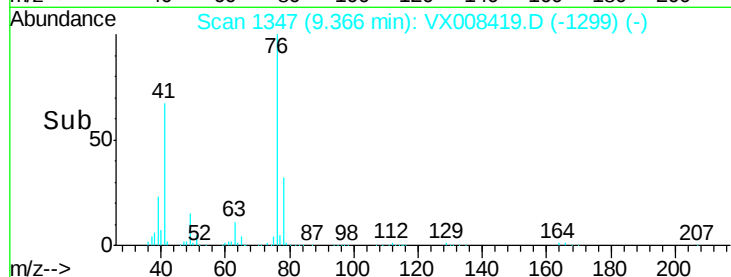
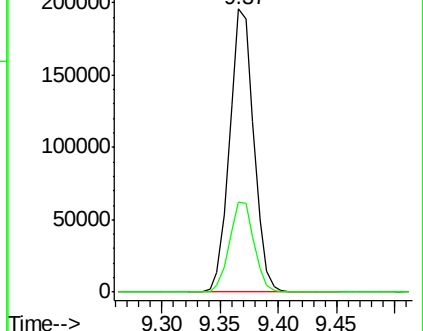
MMDadoda

3/27/2019 8:56:05 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 256.439 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008419.D

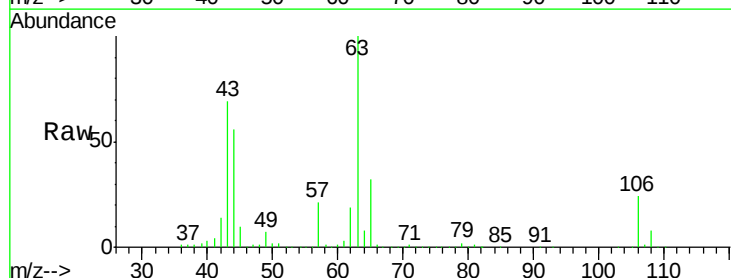
Acq: 25 Mar 2019 18:40

Tgt Ion: 63 Resp: 697215

Ion Ratio Lower Upper

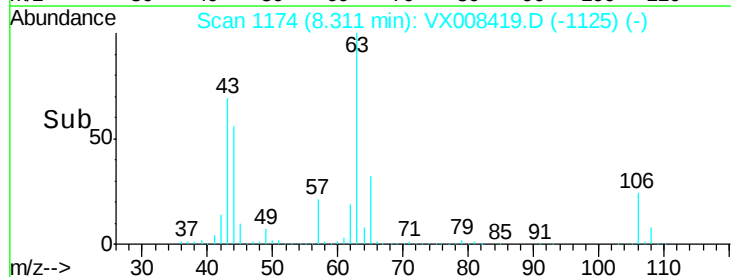
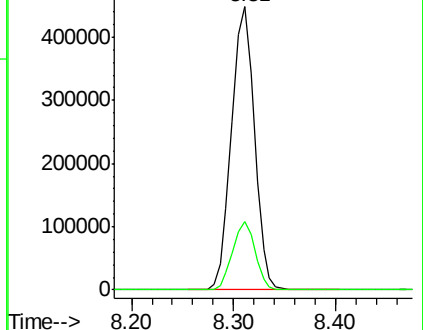
63 100

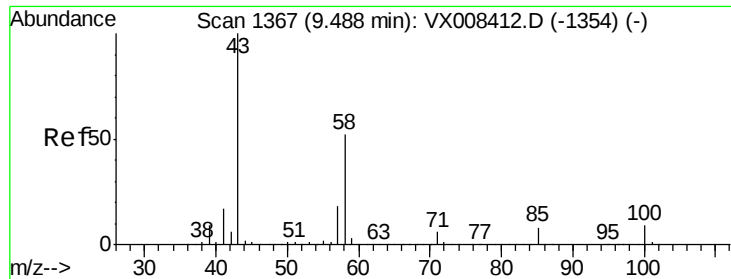
106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





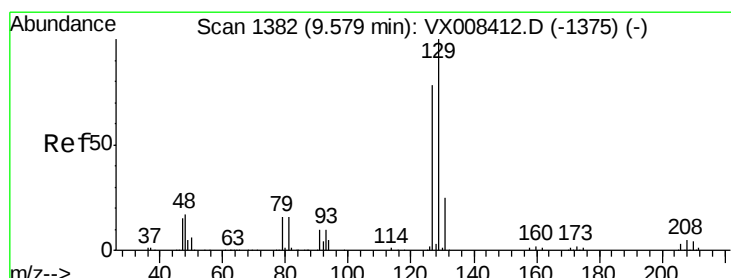
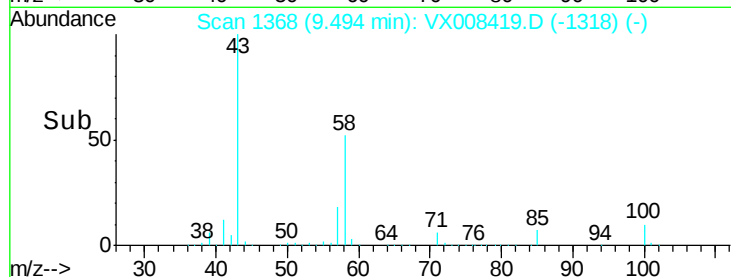
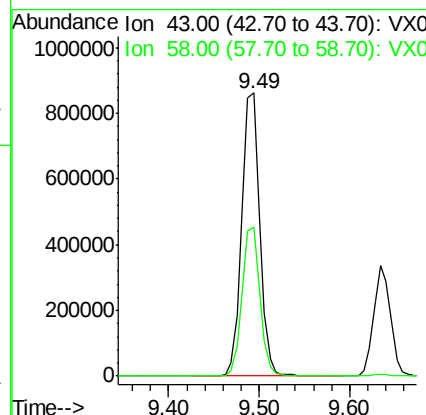
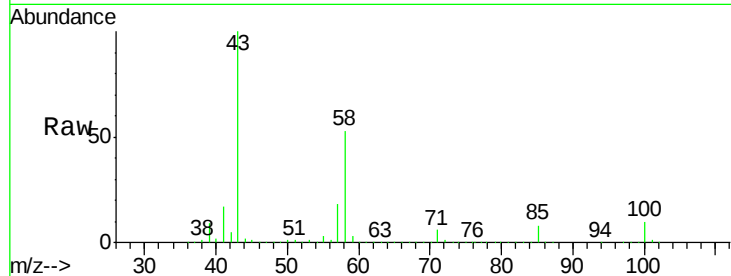
#59  
2-Hexanone  
Concen: 286.864 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1196275  
Ion Ratio Lower Upper  
43 100  
58 52.2 26.3 78.9

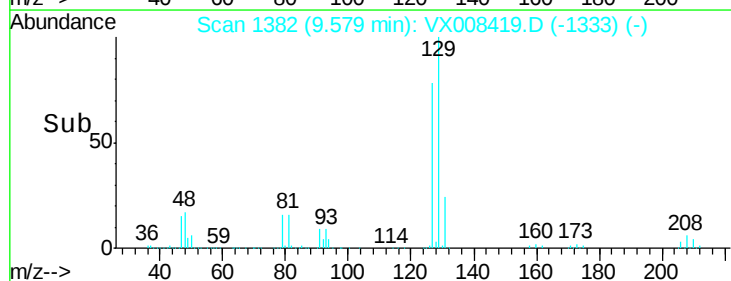
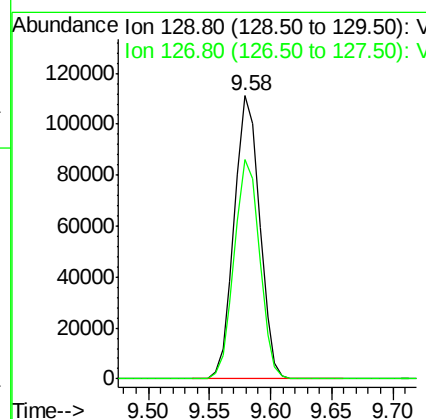
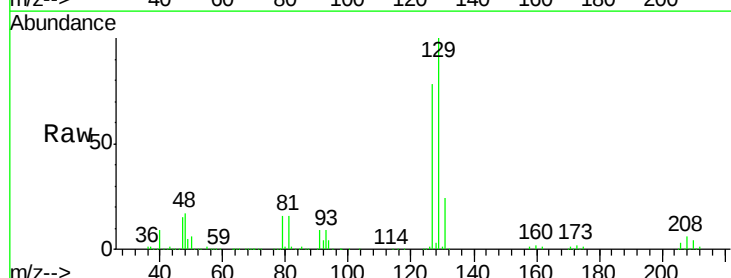
Manual Integrations  
APPROVED

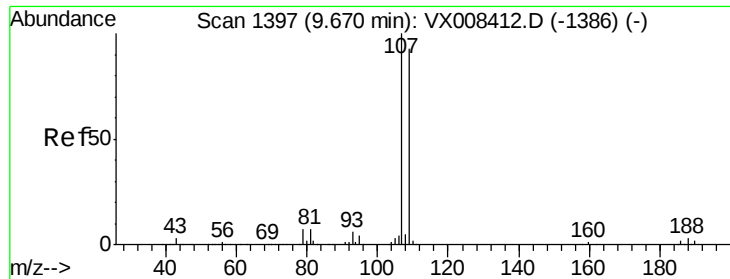
MMDadoda  
3/27/2019 8:56:05 AM



#60  
Dibromochloromethane  
Concen: 57.705 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Tgt Ion:129 Resp: 159907  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.127 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 163927

Ion Ratio Lower Upper

107 100

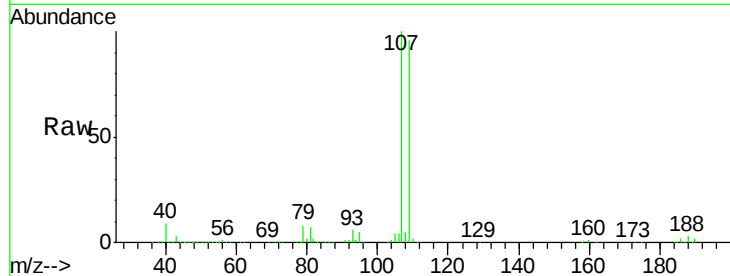
109 94.0 74.6 111.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

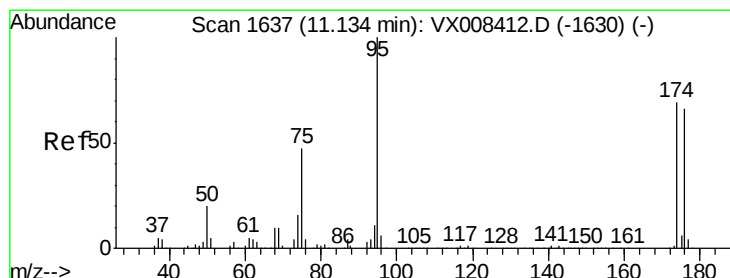
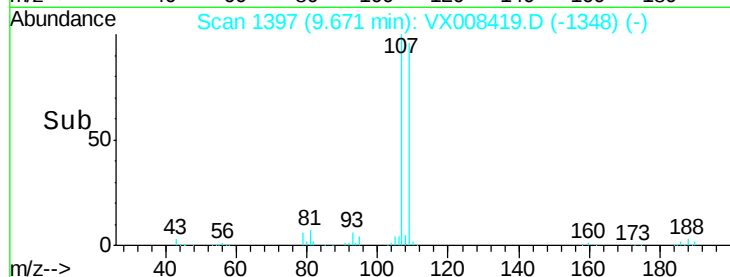
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.875 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

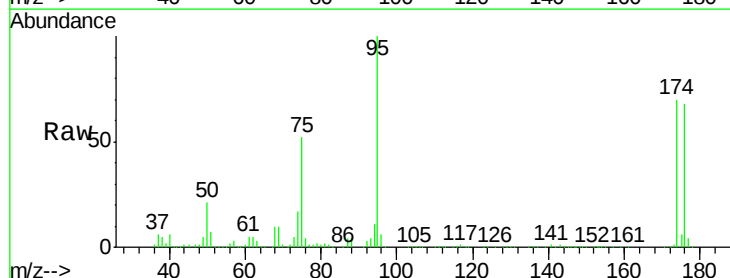
Tgt Ion: 95 Resp: 202465

Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.2

176 71.8 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

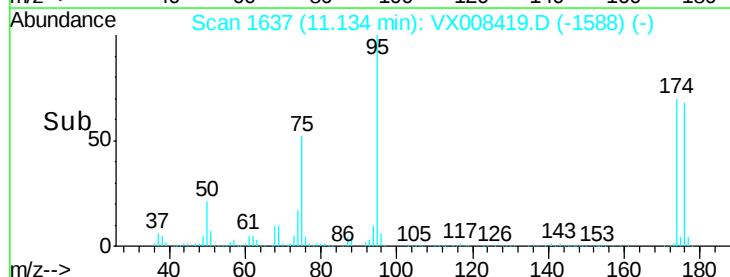
150000

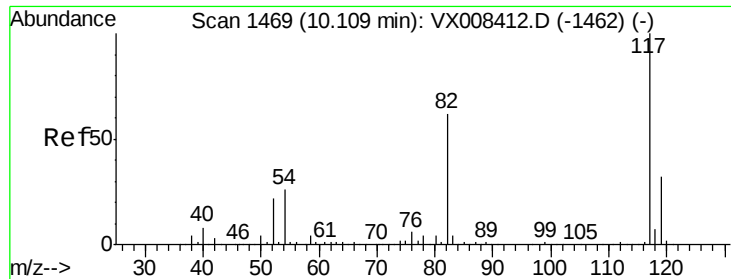
100000

50000

0

Time-->





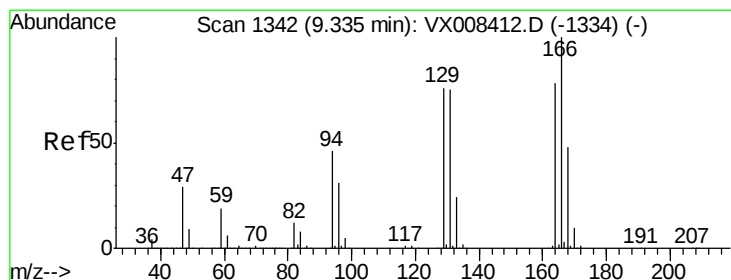
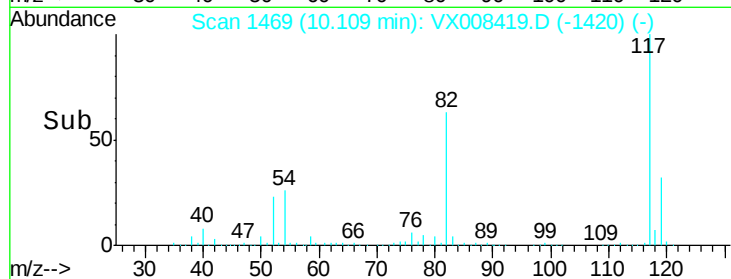
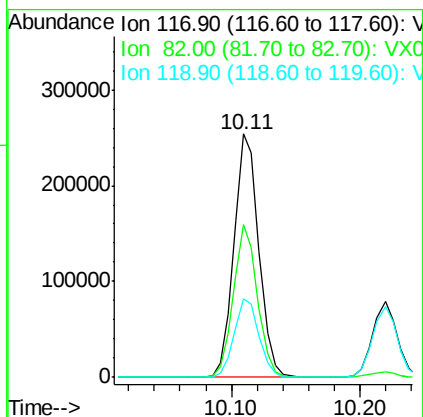
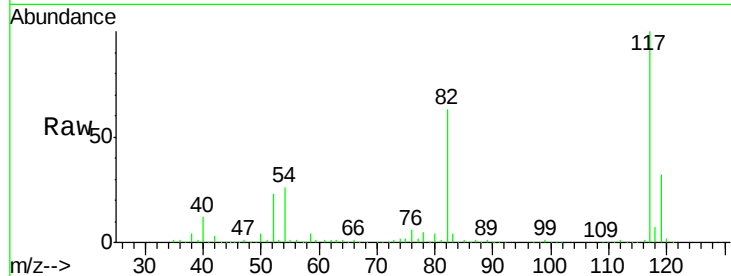
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 62.8  | 49.4  | 74.2  |
| 119     | 32.1  | 25.4  | 38.0  |

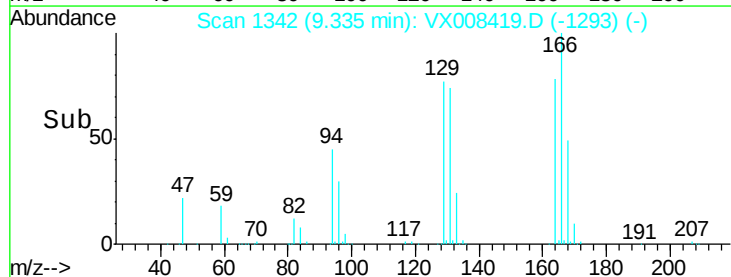
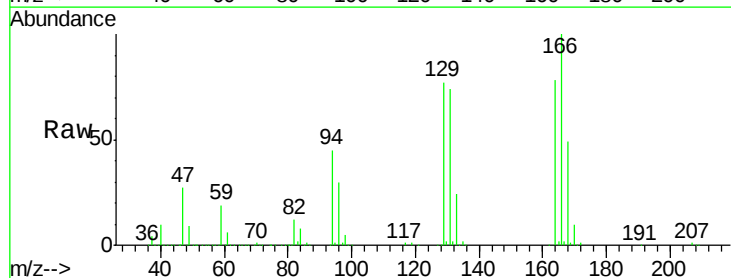
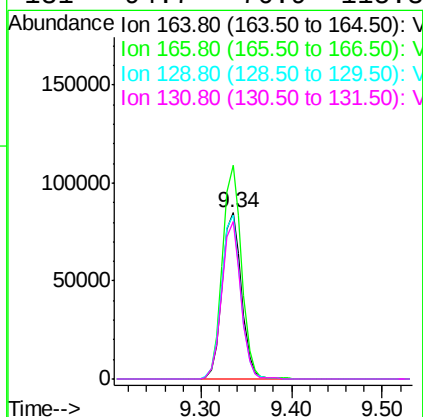
Manual Integrations  
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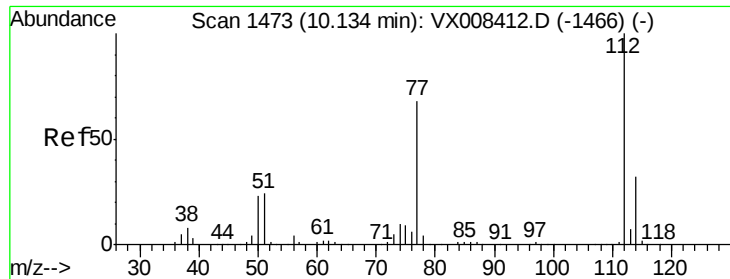
MMDadoda  
3/27/2019 8:56:05 AM



#64  
Tetrachloroethene  
Concen: 54.447 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.5 | 102.5 | 153.7 |
| 129     | 98.8  | 77.8  | 116.8 |
| 131     | 94.7  | 76.9  | 115.3 |





#65

Chlorobenzene

Concen: 55.403 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 411221

Ion Ratio Lower Upper

112 100

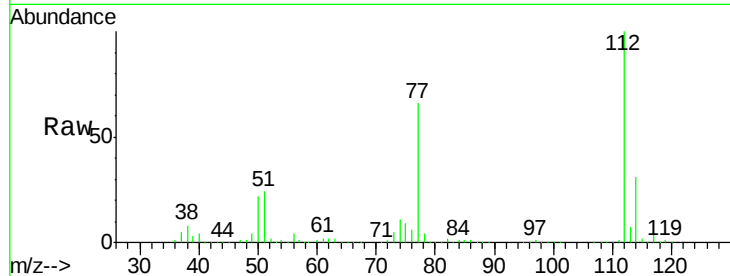
114 31.5 25.4 38.2

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

300000

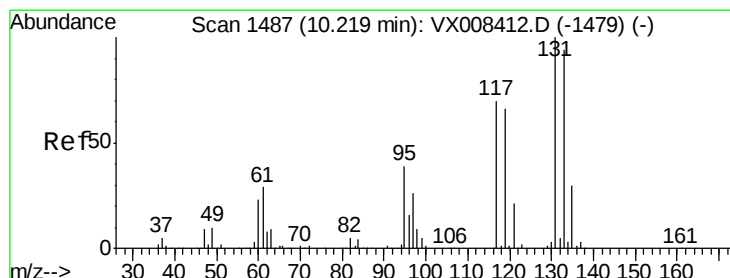
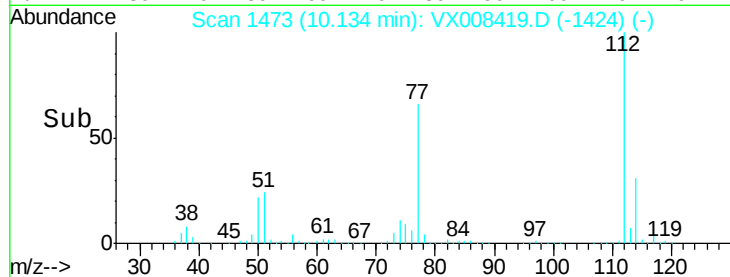
200000

100000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 56.055 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

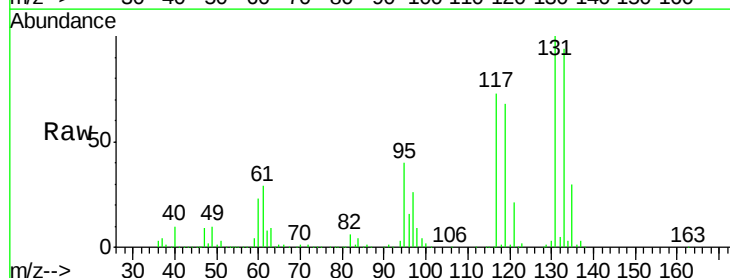
Tgt Ion:131 Resp: 143546

Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.8

119 67.9 33.6 100.6



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

10.22

150000

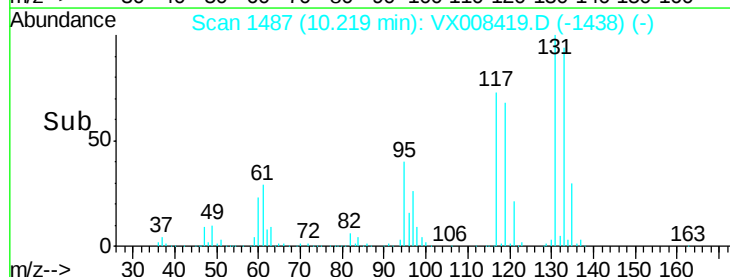
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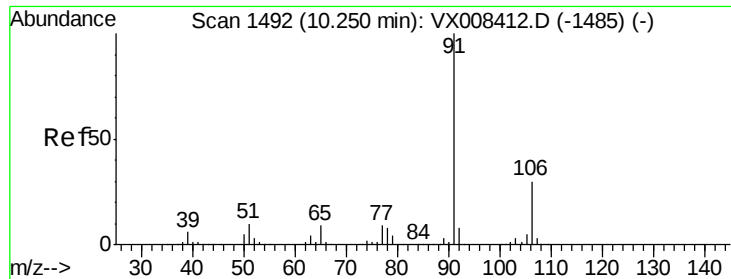
50000

0

Time-->

10.20 10.30





#67

Ethyl Benzene

Concen: 55.608 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 778970

Ion Ratio Lower Upper

91 100

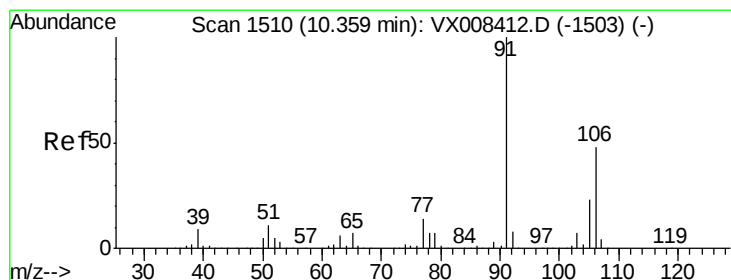
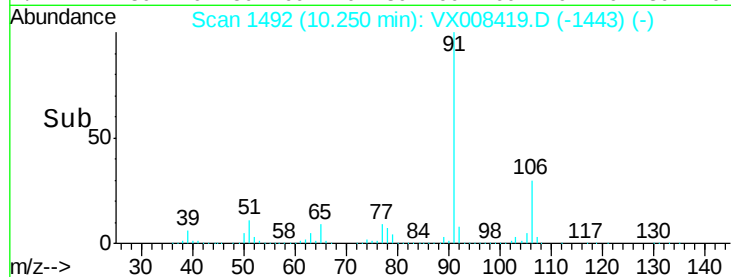
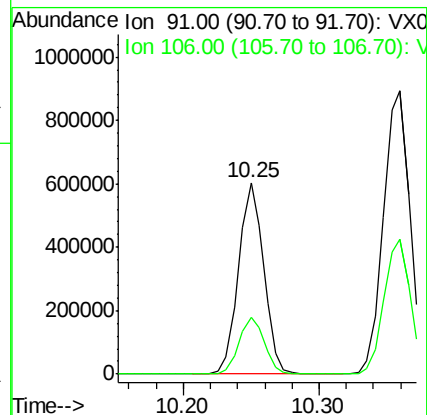
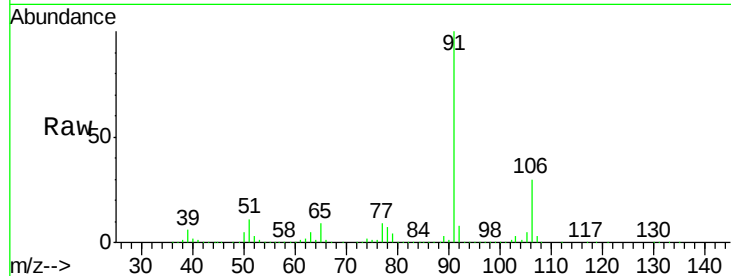
106 29.7 24.0 36.0

Manual Integrations

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3/27/2019 8:56:05 AM



#68

m/p-Xylenes

Concen: 112.266 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008419.D

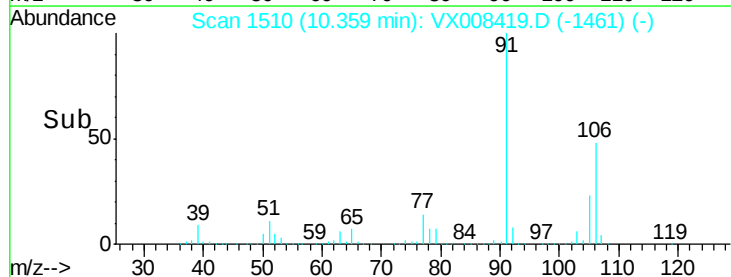
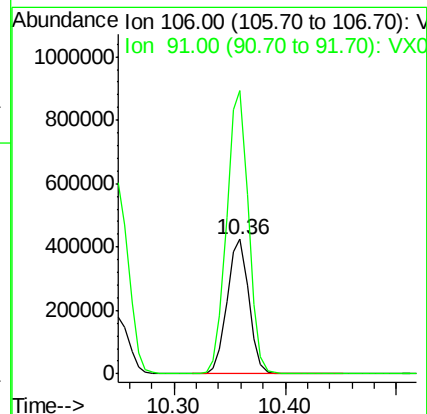
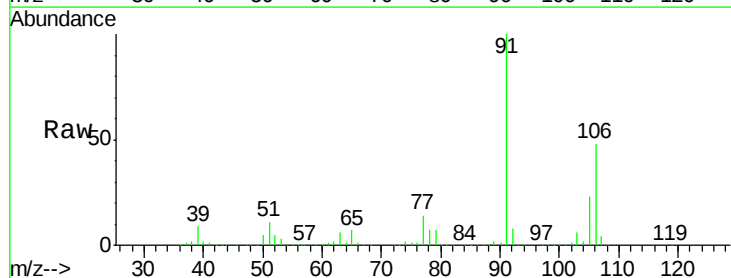
Acq: 25 Mar 2019 18:40

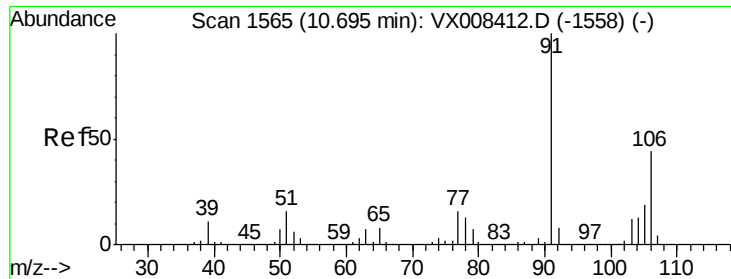
Tgt Ion: 106 Resp: 572115

Ion Ratio Lower Upper

106 100

91 211.6 168.6 253.0





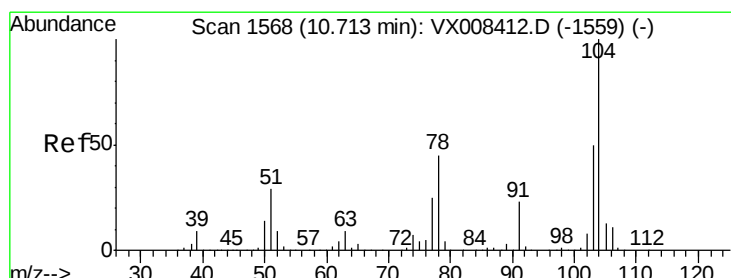
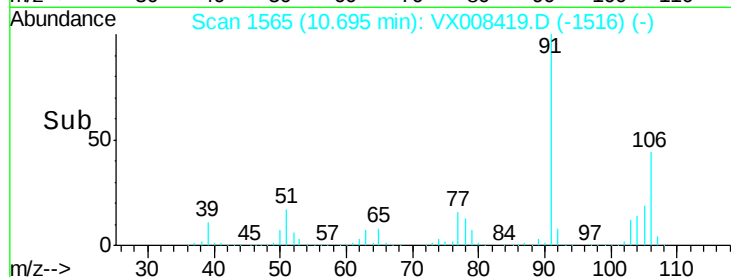
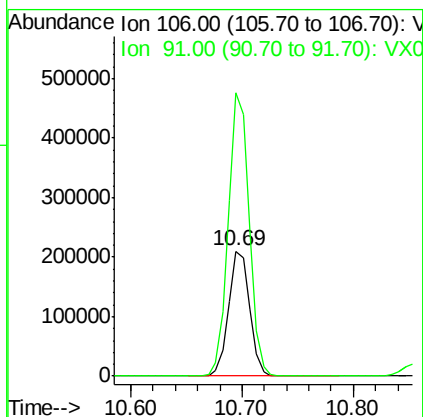
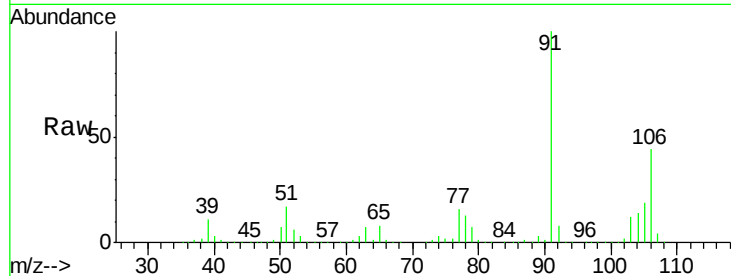
#69  
o-Xylene  
Concen: 55.677 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 275347  
Ion Ratio Lower Upper  
106 100  
91 224.1 111.4 334.2

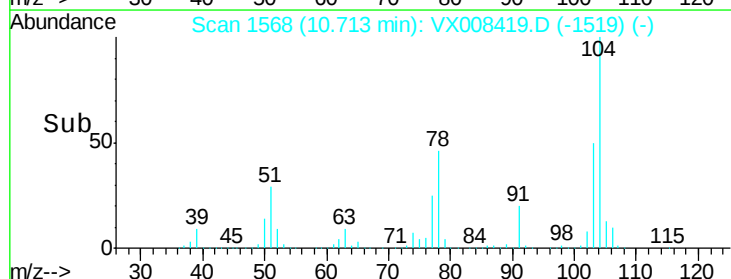
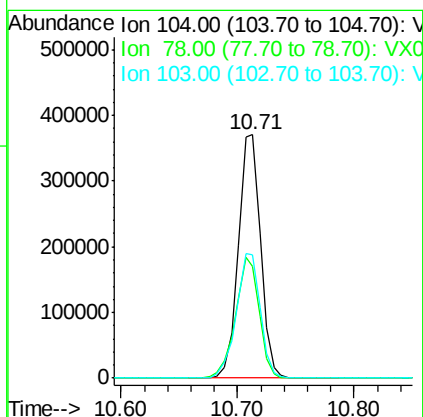
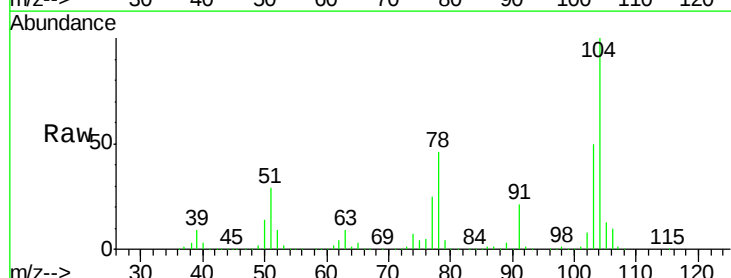
Manual Integrations  
APPROVED

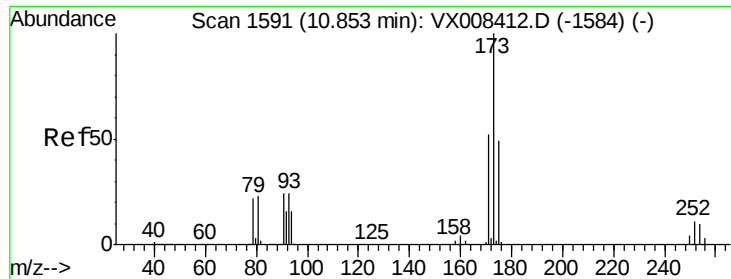
MMDadoda  
3/27/2019 8:56:05 AM



#70  
Styrene  
Concen: 57.878 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Tgt Ion:104 Resp: 494423  
Ion Ratio Lower Upper  
104 100  
78 52.7 42.5 63.7  
103 55.0 44.2 66.4





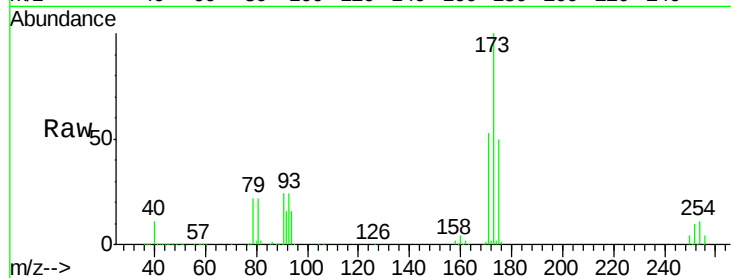
#71  
Bromoform  
Concen: 59.246 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

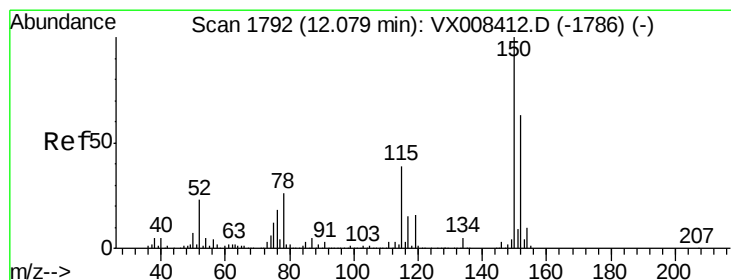
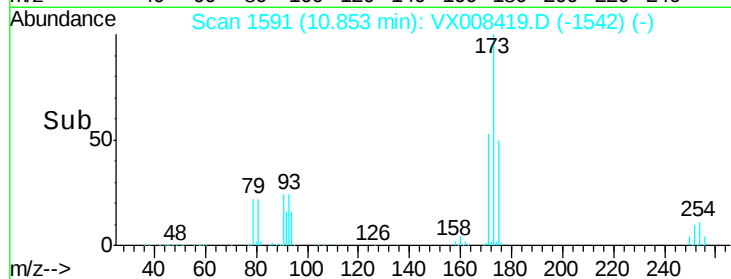
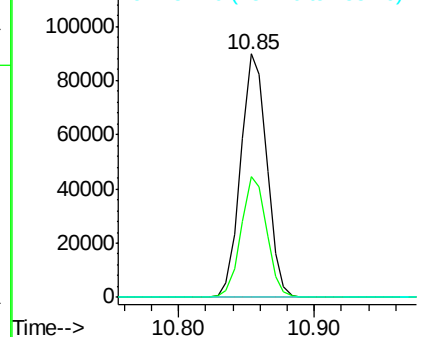
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.7  | 24.3  | 72.8  |
| 254     | 0.2   | 0.2   | 0.2   |

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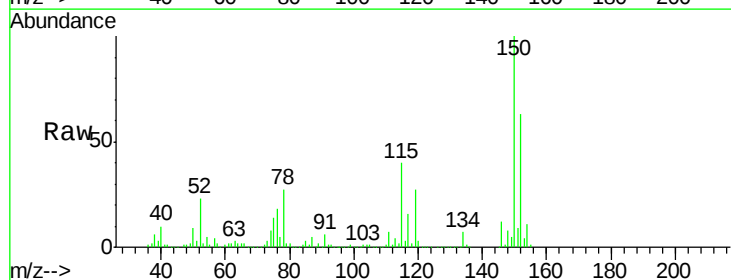


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

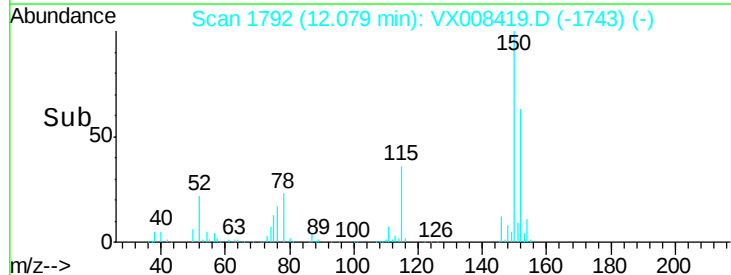
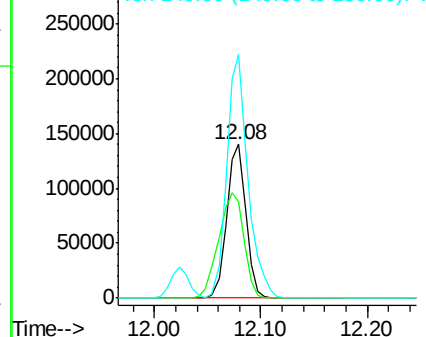


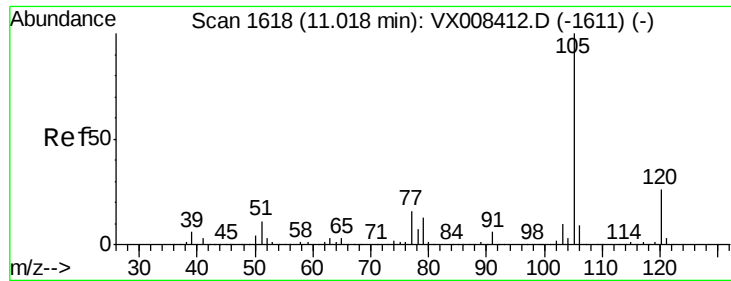
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 89.9  | 43.5  | 130.5 |
| 150     | 176.2 | 0.0   | 348.8 |



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: 52.599 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 747476

Ion Ratio Lower Upper

105 100

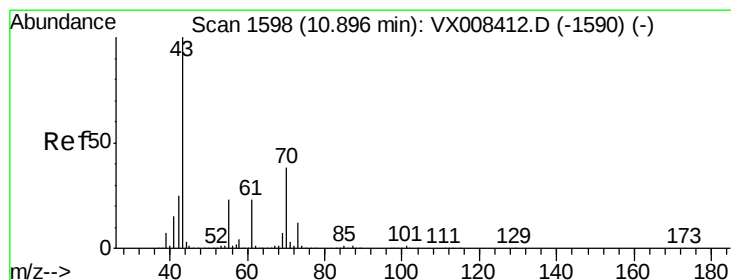
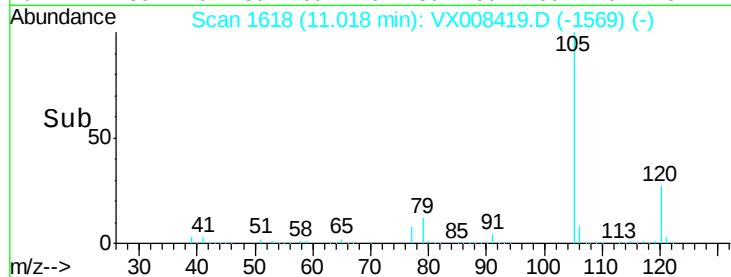
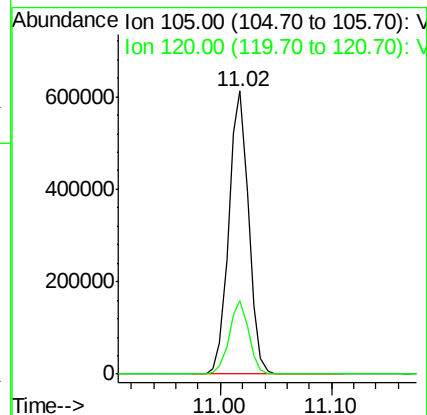
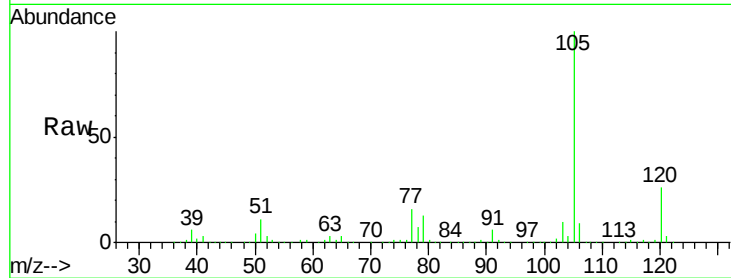
120 25.5 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.414 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Tgt Ion: 43 Resp: 447576

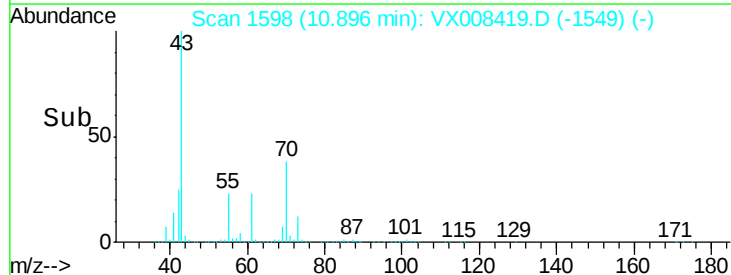
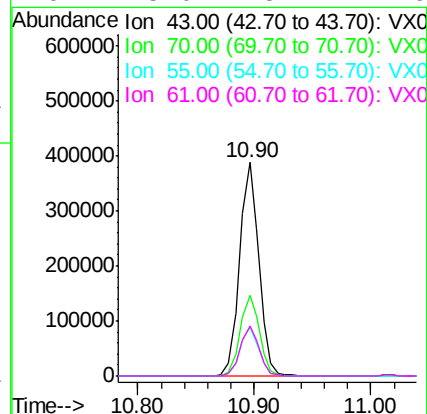
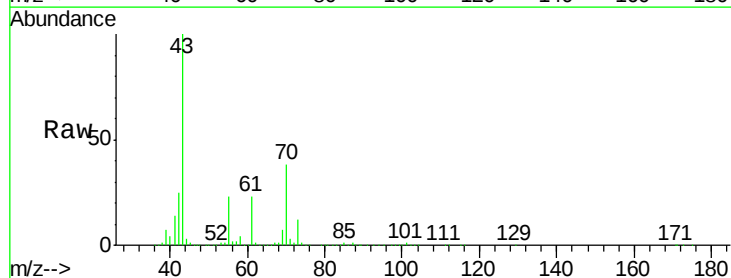
Ion Ratio Lower Upper

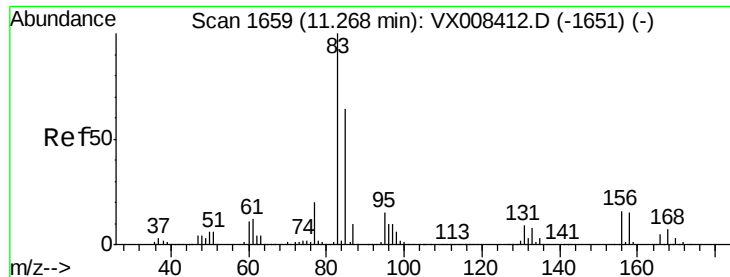
43 100

70 38.1 30.5 45.7

55 22.6 18.2 27.2

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.765 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

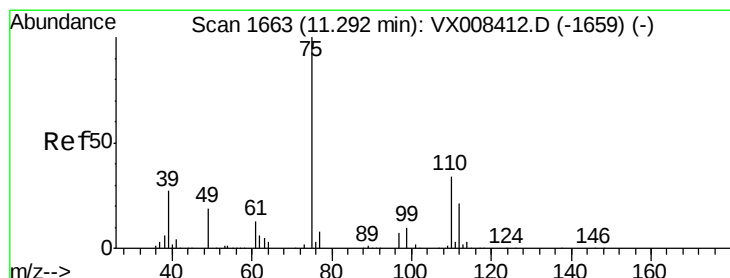
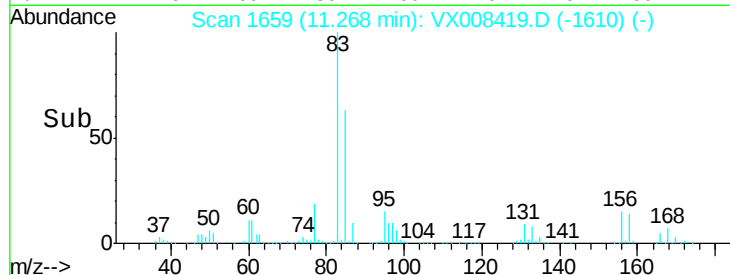
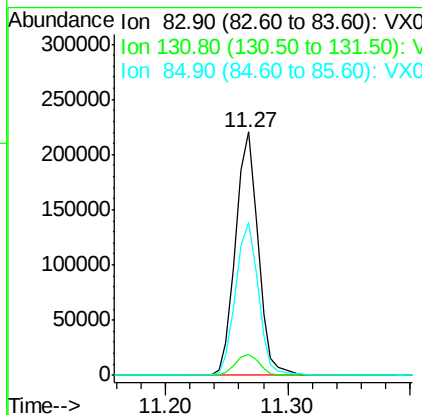
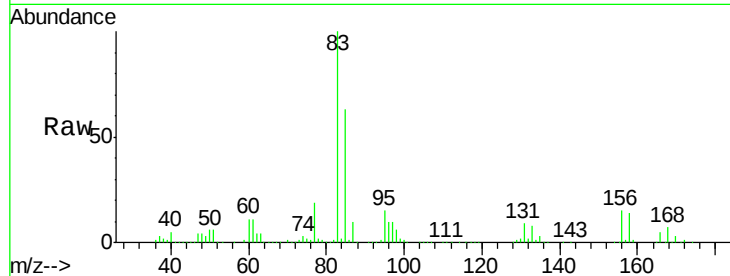
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 279906 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.1   | 4.5   | 13.4   |
| 85        | 63.6  | 31.9  | 95.9   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 45.333 ug/l m

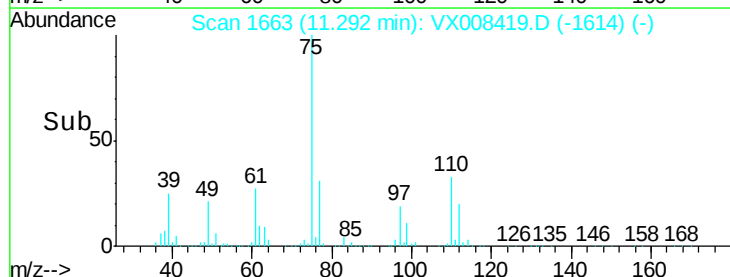
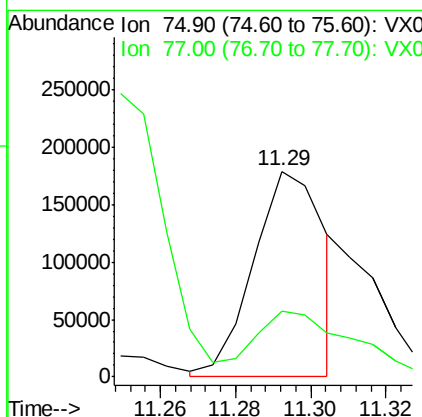
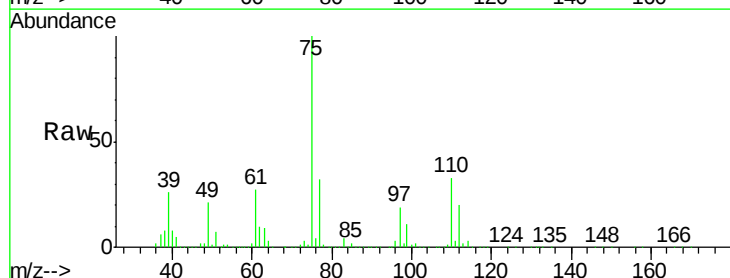
RT: 11.29 min Scan# 1663

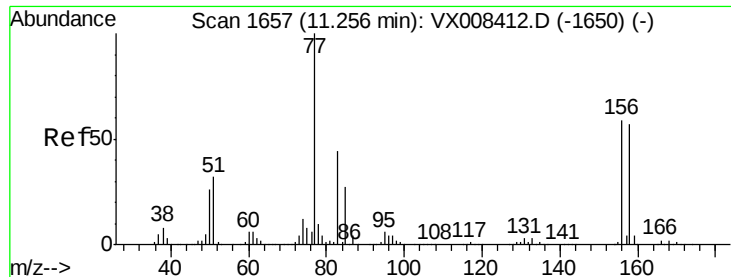
Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 235415 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 44.1  | 21.9  | 65.7   |





#77

Bromobenzene

Concen: 51.020 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 175969

Ion Ratio Lower Upper

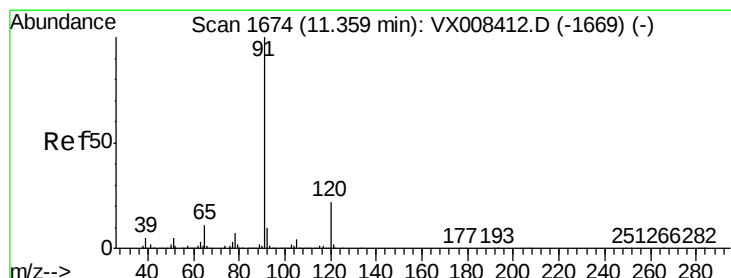
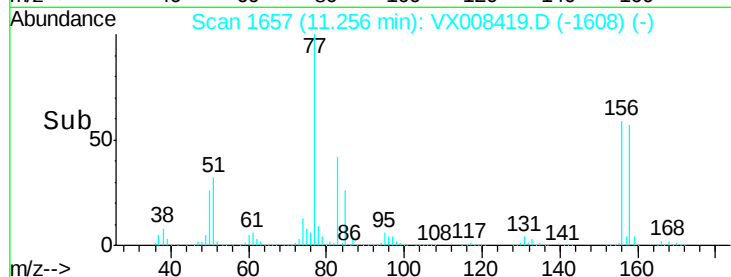
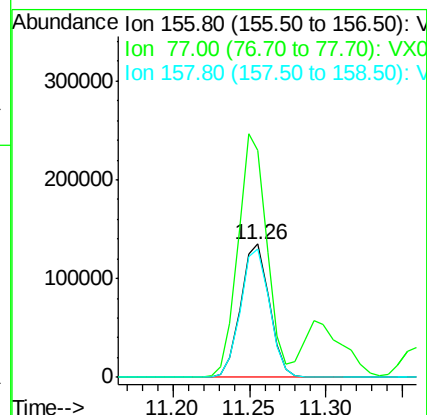
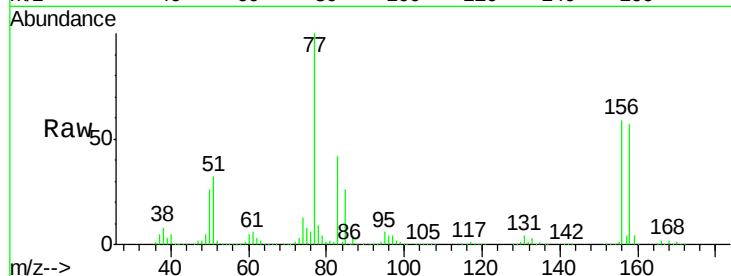
156 100

77 182.5 91.1 273.3

158 96.9 48.3 144.8

Manual Integrations  
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#78

n-propylbenzene

Concen: 54.695 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008419.D

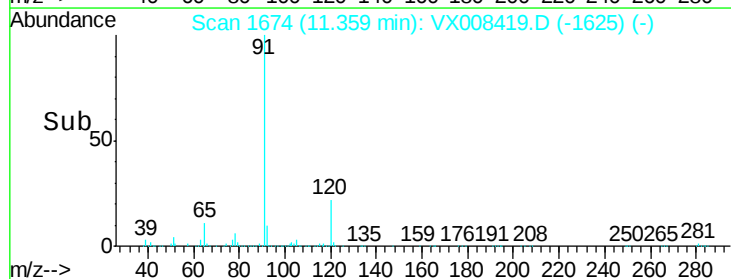
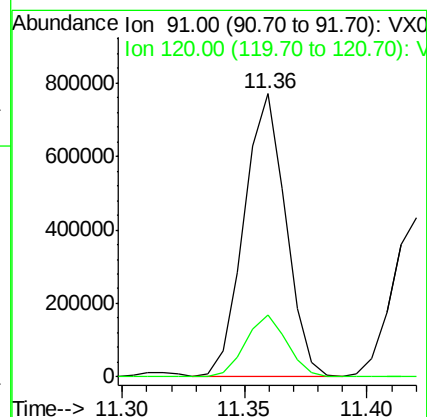
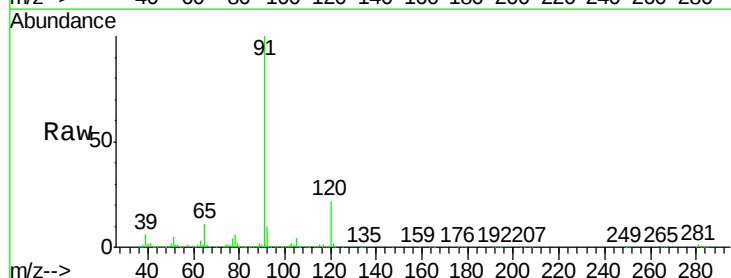
Acq: 25 Mar 2019 18:40

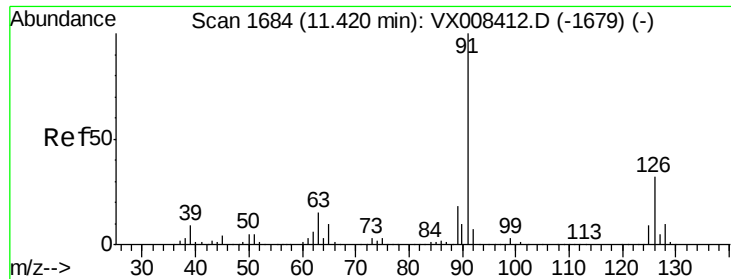
Tgt Ion: 91 Resp: 910519

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.4





#79

2-Chlorotoluene

Concen: 52.045 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 526976

Ion Ratio Lower Upper

91 100

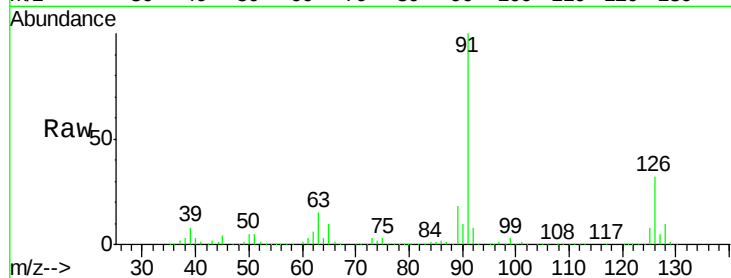
126 32.0 15.7 47.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)

800000

600000

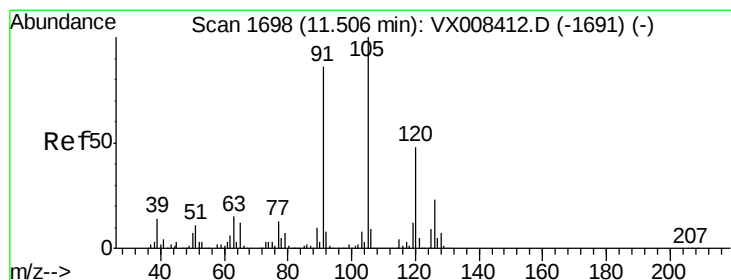
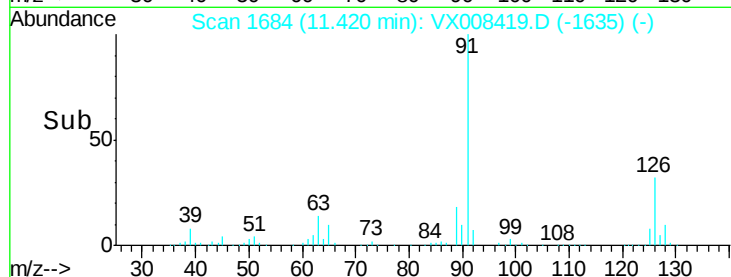
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.819 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008419.D

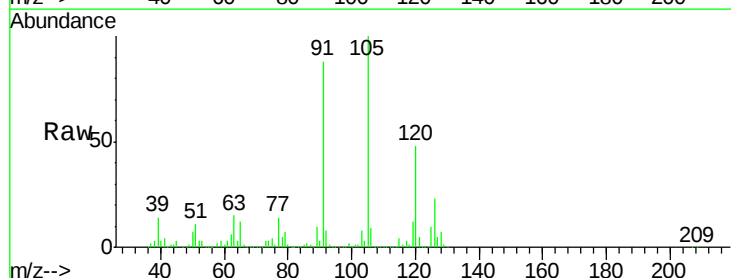
Acq: 25 Mar 2019 18:40

Tgt Ion: 105 Resp: 646591

Ion Ratio Lower Upper

105 100

120 47.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)

600000

500000

400000

300000

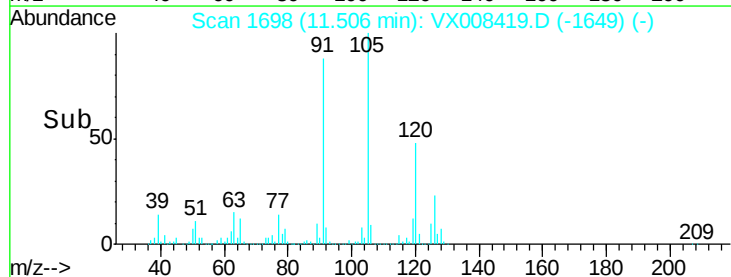
200000

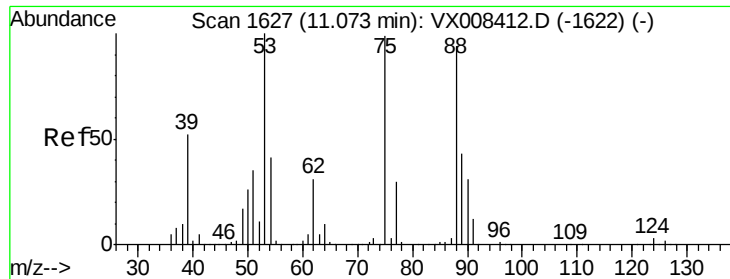
100000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 58.684 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 95149

Ion Ratio Lower Upper

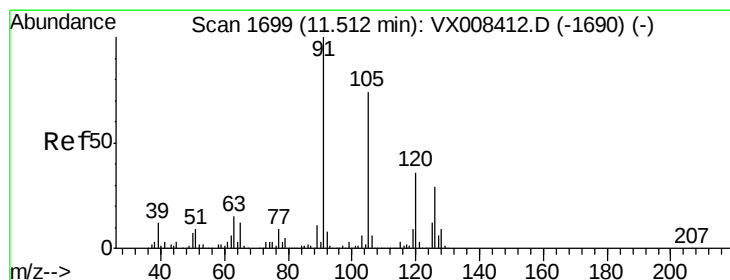
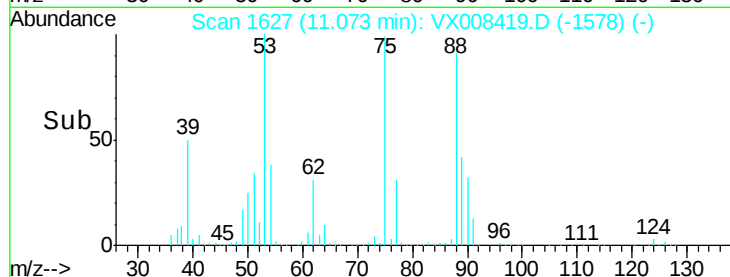
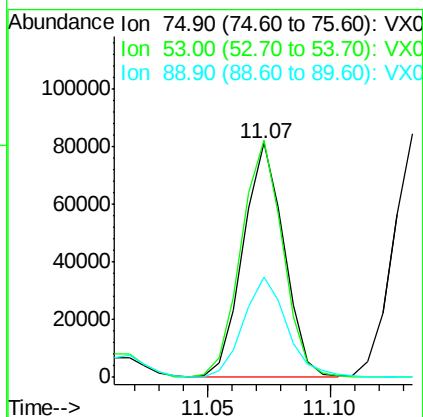
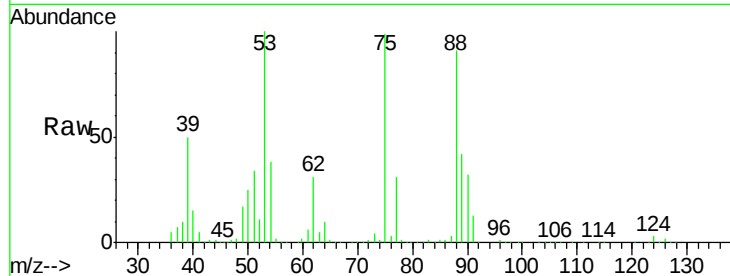
75 100

53 102.2 82.1 123.1

89 45.7 34.6 52.0

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#82

4-Chlorotoluene

Concen: 53.700 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008419.D

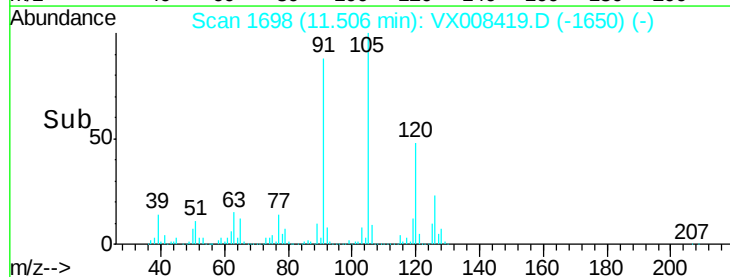
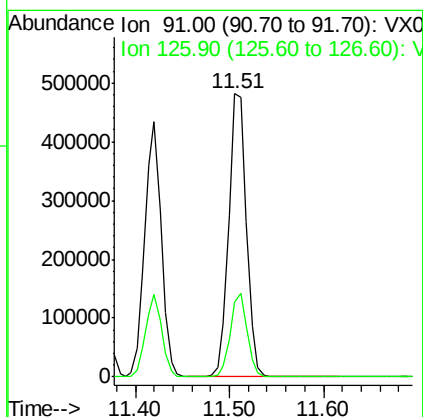
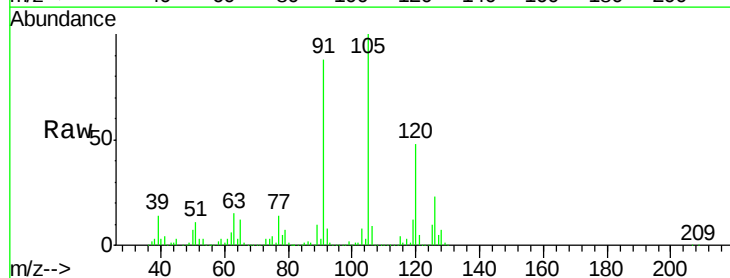
Acq: 25 Mar 2019 18:40

Tgt Ion: 91 Resp: 627194

Ion Ratio Lower Upper

91 100

126 28.0 13.9 41.7





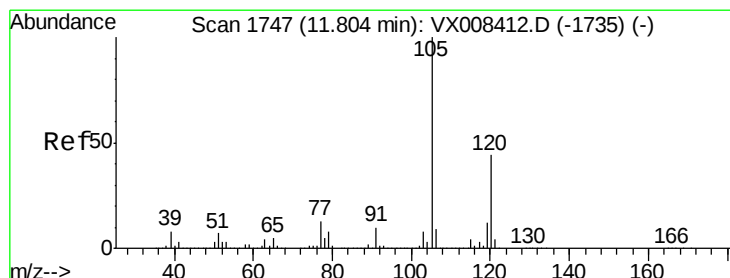
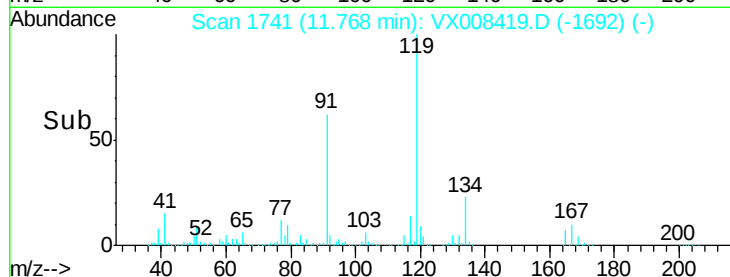
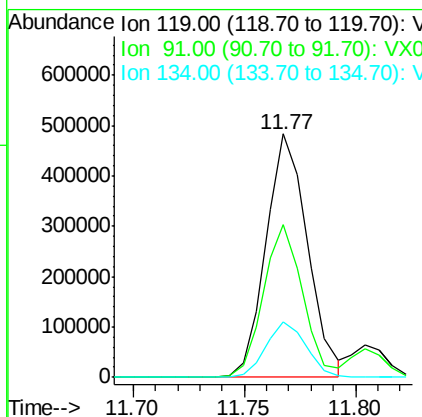
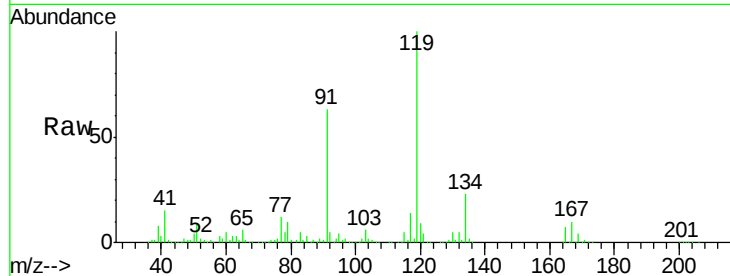
#83  
tert-Butylbenzene  
Concen: 53.959 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 59.6  | 30.1  | 90.3  |
| 134     | 22.0  | 10.9  | 32.9  |

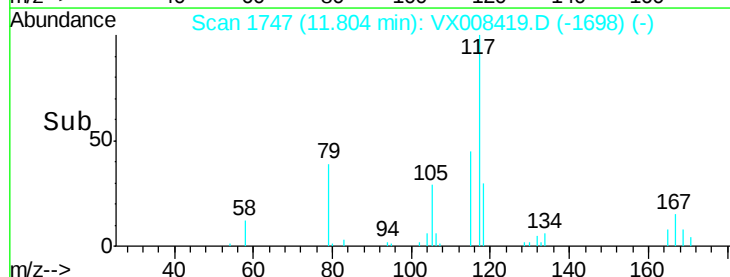
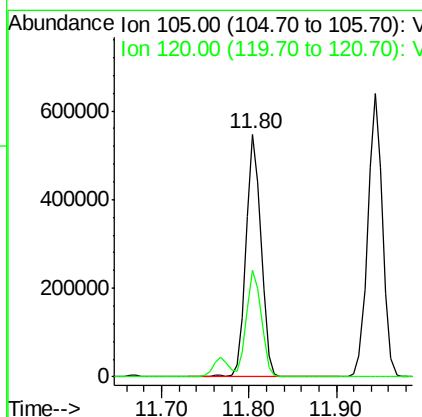
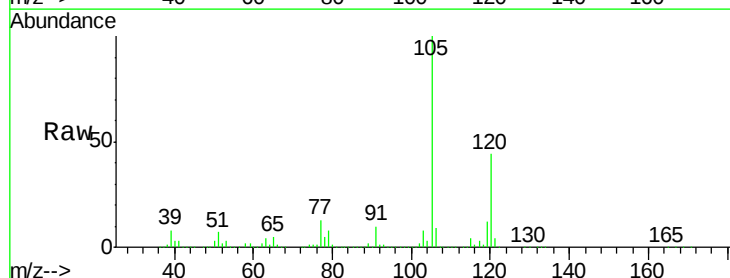
Manual Integrations  
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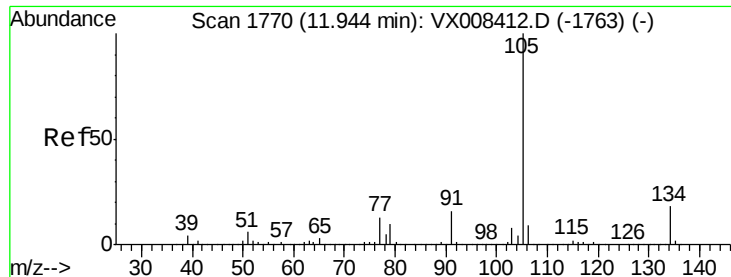
MMDadoda  
3/27/2019 8:56:05 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 53.618 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.2  | 21.6  | 65.0  |





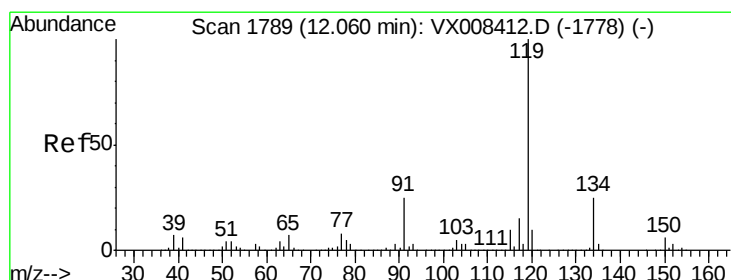
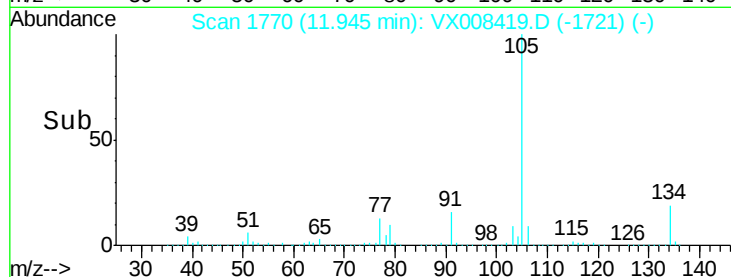
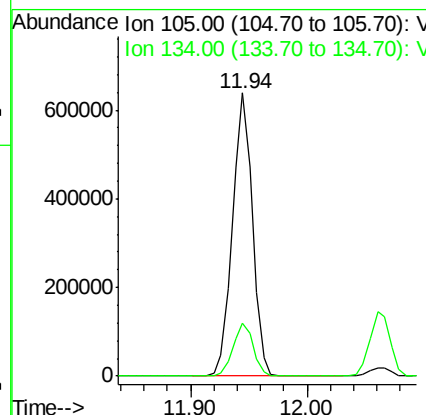
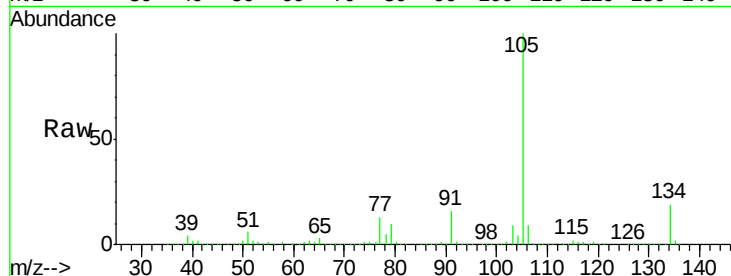
#85  
 sec-Butylbenzene  
 Concen: 54.866 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.0  | 9.3   | 28.0  |

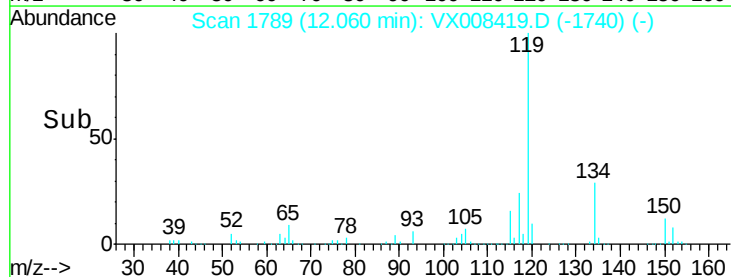
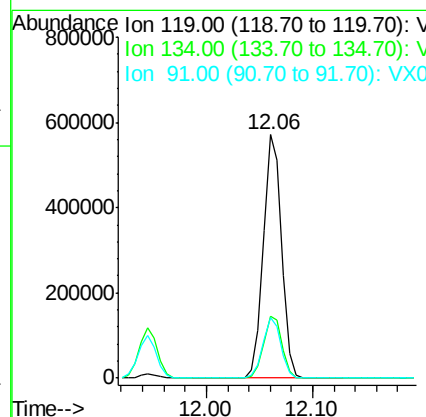
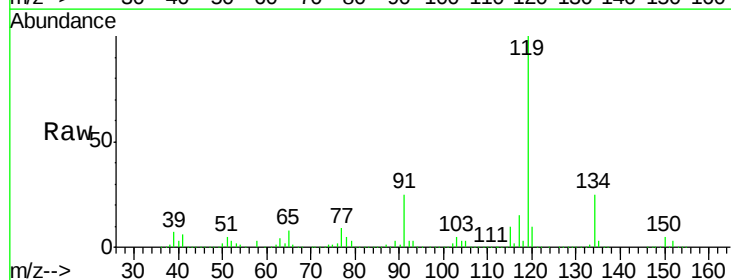
Manual Integrations  
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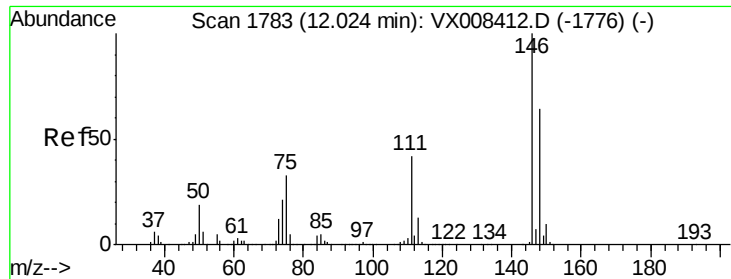
MMDadoda  
 3/27/2019 8:56:05 AM



#86  
 p-Isopropyltoluene  
 Concen: 56.360 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.8  | 12.8  | 38.4  |
| 91      | 24.6  | 12.4  | 37.0  |





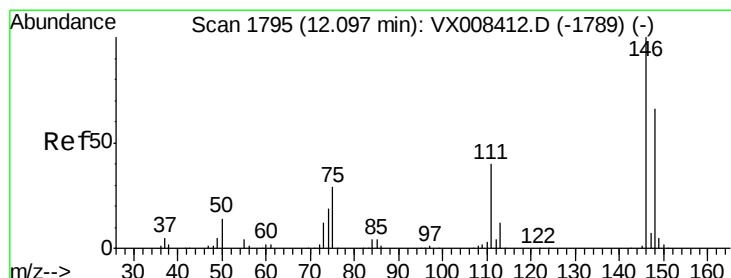
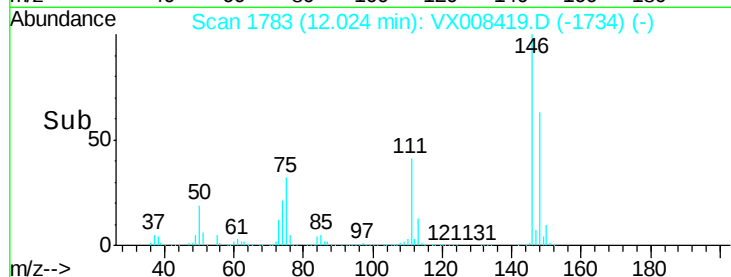
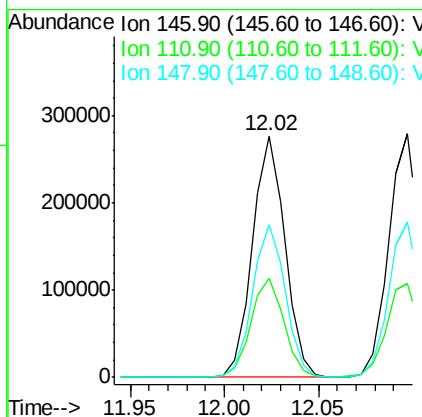
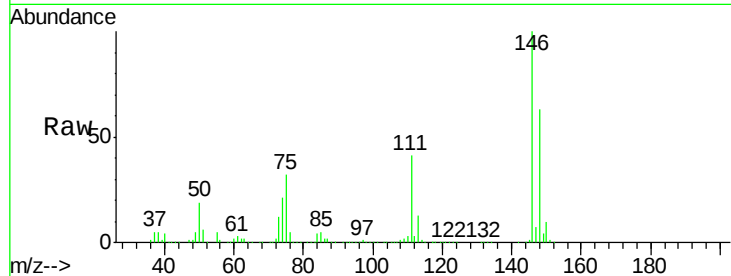
#87  
 1,3-Dichlorobenzene  
 Concen: 53.703 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 20.8  | 62.5  |
| 148     | 63.7  | 32.0  | 96.0  |

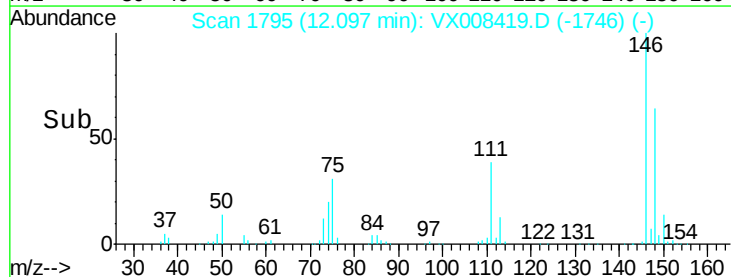
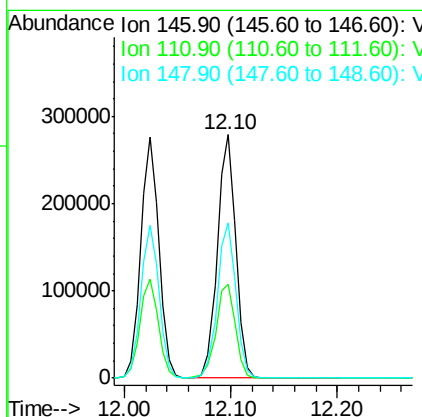
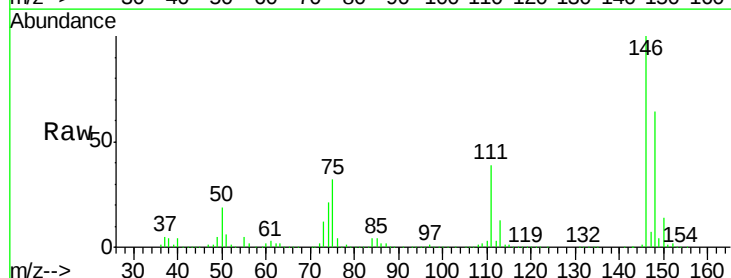
Manual Integrations  
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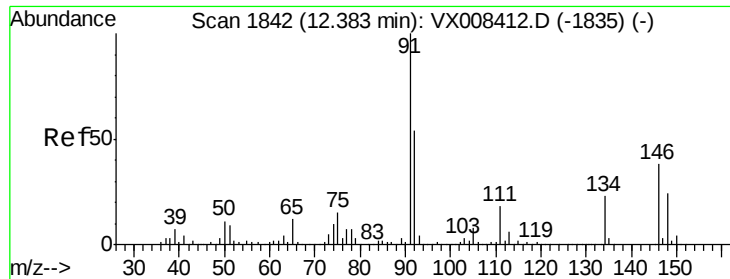
MMDadoda  
 3/27/2019 8:56:05 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 53.677 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 20.3  | 61.0  |
| 148     | 64.3  | 32.1  | 96.5  |





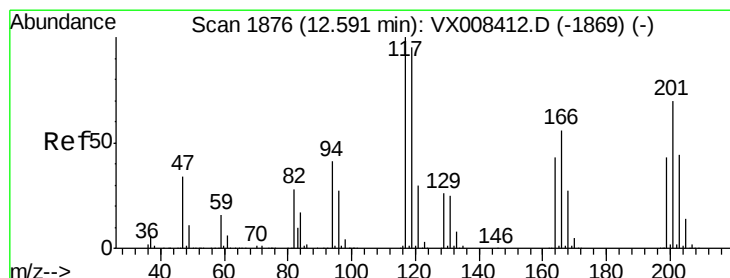
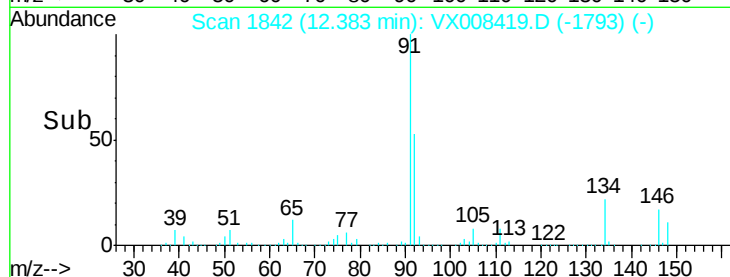
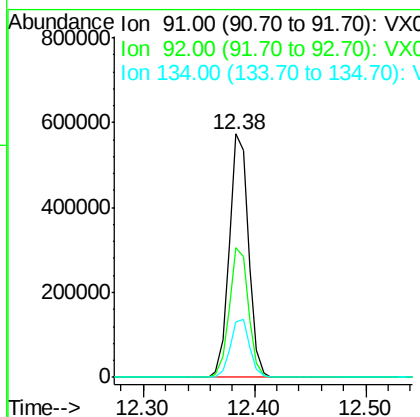
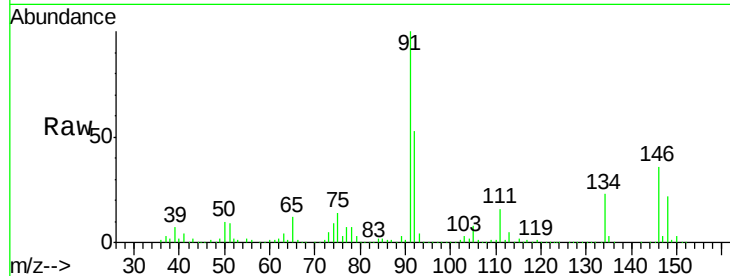
#89  
n-Butylbenzene  
Concen: 58.844 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 678956 |       |       |
| 92      | 53.1 | 26.5  | 79.5   |       |       |
| 134     | 23.8 | 11.8  | 35.4   |       |       |

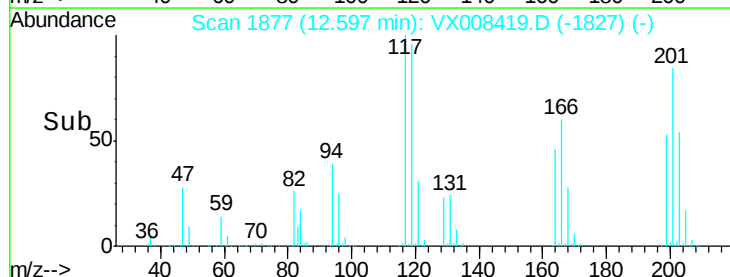
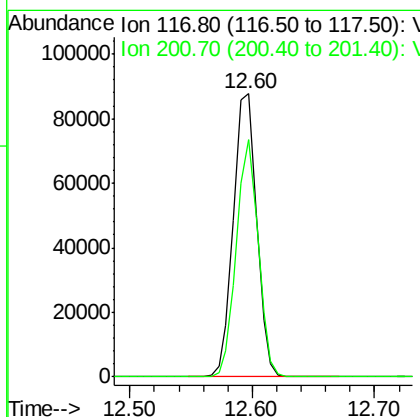
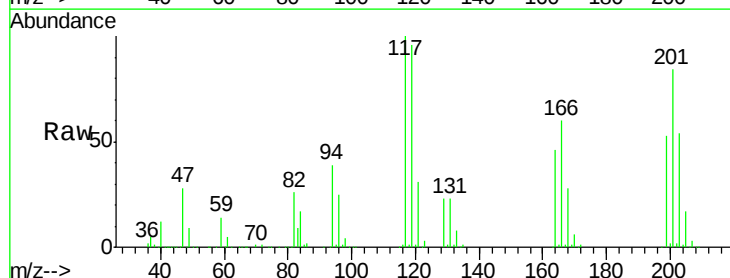
Manual Integrations  
APPROVED

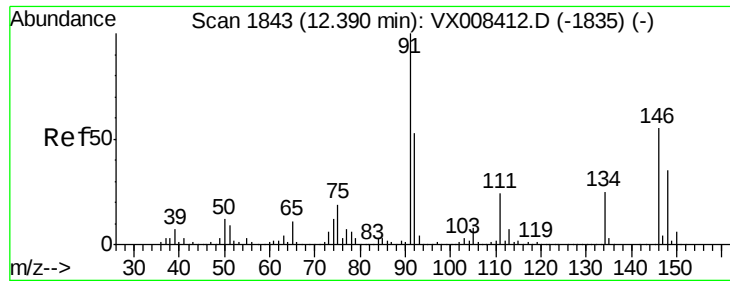
MMDadoda  
3/27/2019 8:56:05 AM



#90  
Hexachloroethane  
Concen: 56.828 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.01 min  
Lab File: VX008419.D  
Acq: 25 Mar 2019 18:40

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 117     | 100  |       | 115313 |       |       |
| 201     | 78.3 | 39.4  | 118.1  |       |       |





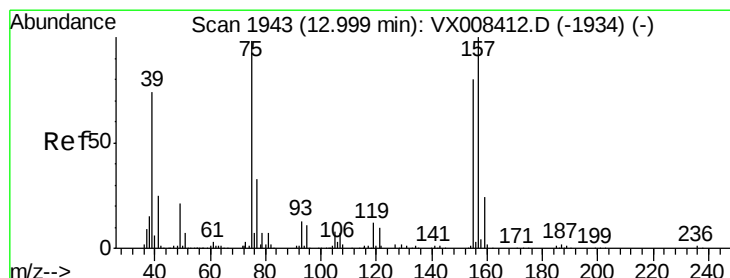
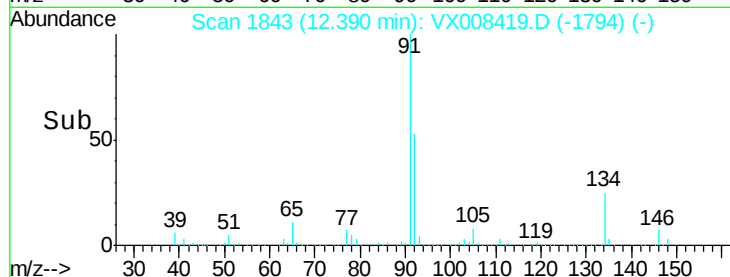
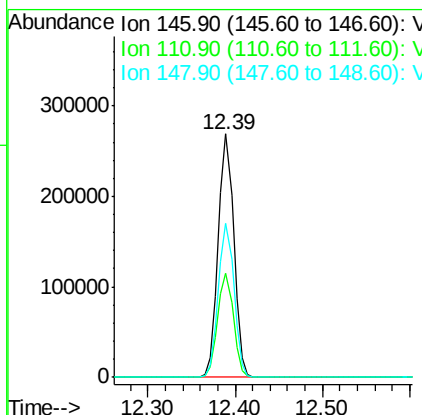
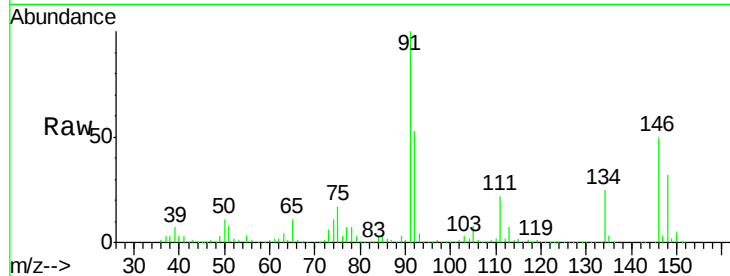
#91  
 1,2-Dichlorobenzene  
 Concen: 53.438 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.1  | 21.6  | 64.6  |
| 148     | 63.7  | 31.9  | 95.7  |

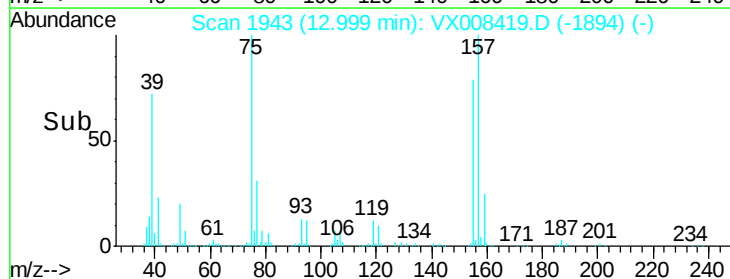
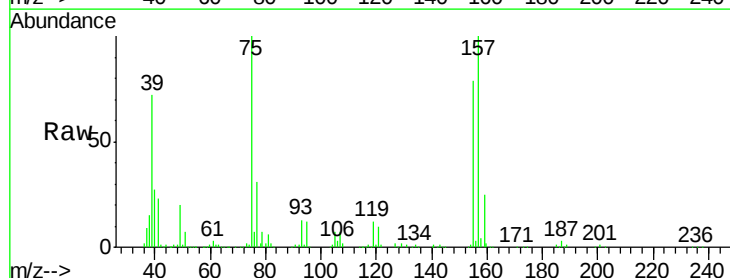
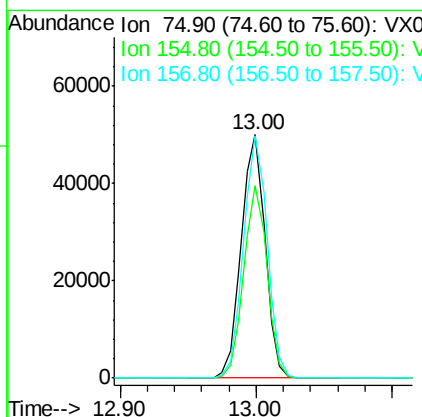
Manual Integrations  
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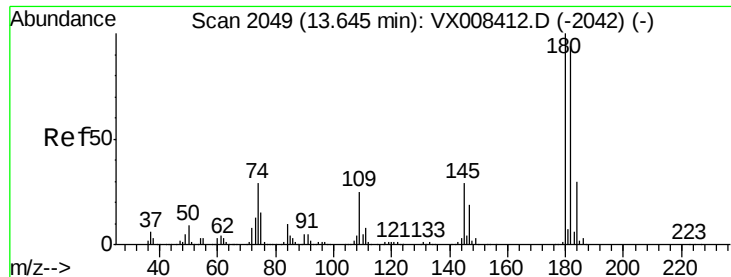
MMDadoda  
 3/27/2019 8:56:05 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.019 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.4  | 39.5  | 118.5 |
| 157     | 99.6  | 49.9  | 149.7 |





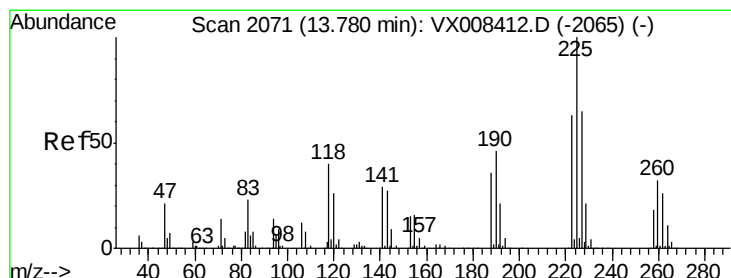
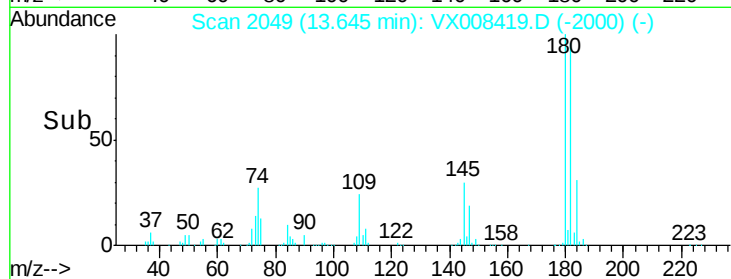
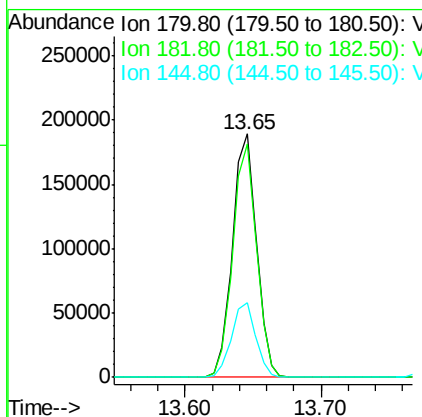
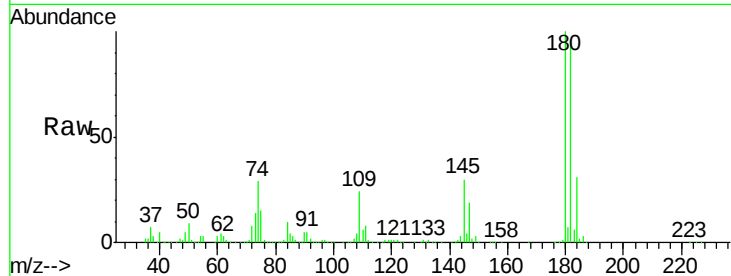
#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.993 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 232635 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.1  | 47.3  | 142.0  |
| 145       | 30.9  | 15.3  | 45.8   |

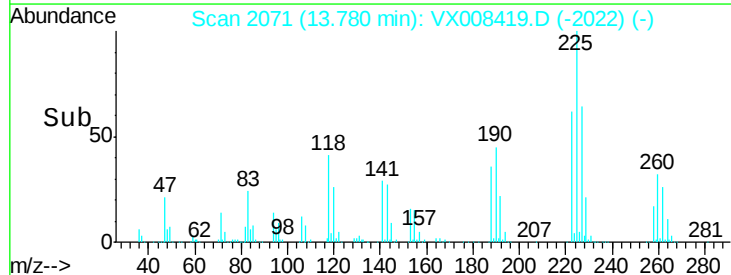
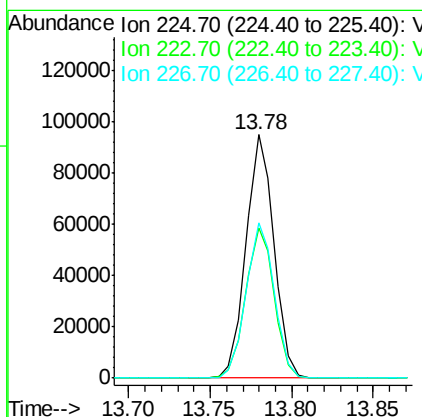
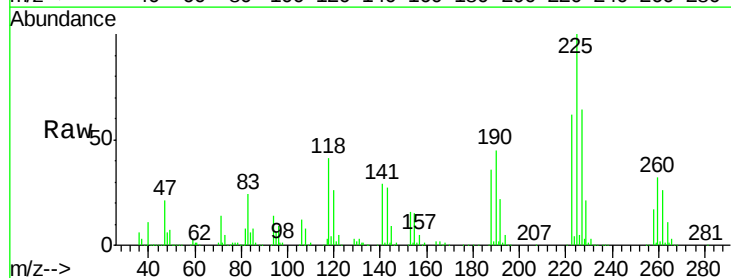
Manual Integrations  
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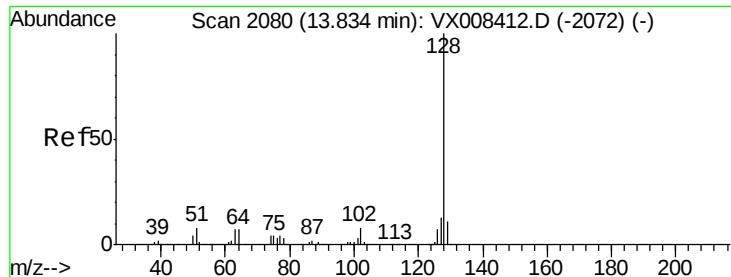
MMDadoda  
 3/27/2019 8:56:05 AM



#94  
 Hexachlorobutadiene  
 Concen: 57.613 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX008419.D  
 Acq: 25 Mar 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 113660 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.7  | 31.4  | 94.0   |
| 227       | 64.3  | 31.9  | 95.9   |





#95

Naphthalene

Concen: 53.153 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA\_X

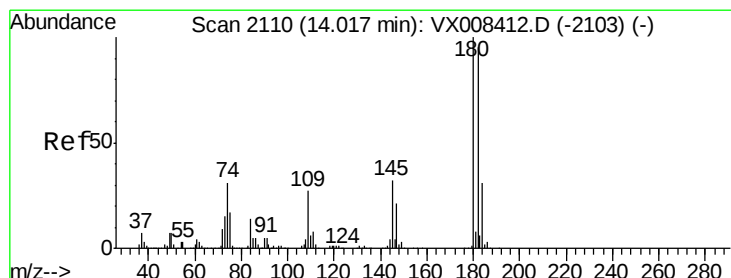
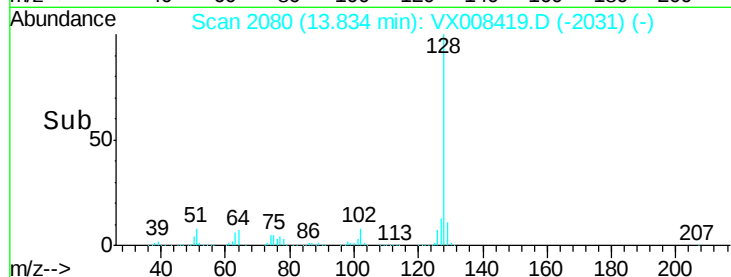
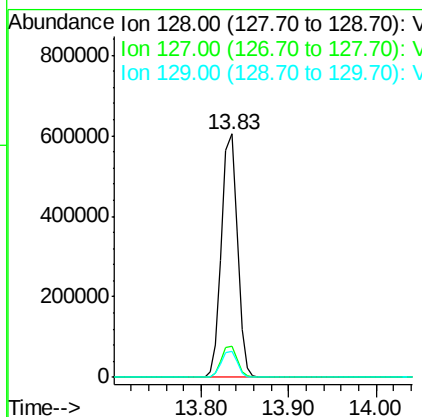
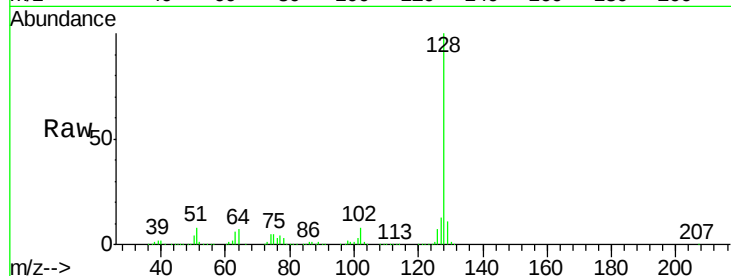
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 757122 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.4  | 15.6   |
| 129       | 10.8  | 8.7   | 13.1   |

Manual Integrations  
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3/27/2019 8:56:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.400 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 227116 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 47.3  | 142.0  |
| 145       | 32.2  | 16.2  | 48.5   |

