

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\  
 Data File : VX015969.D  
 Acq On : 29 Apr 2020 11:52  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/30/2020 2:11:41 PM

Quant Time: Apr 30 07:23:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042820W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 28 17:30:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 284628   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 443715   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 404174   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 213715   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 179954   | 48.36 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.72% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 136018   | 49.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.28% |      |
| 50) Toluene-d8            | 8.70   | 98  | 509067   | 49.19 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.38% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 202528   | 49.90 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.80% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 150770  | 59.195  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 167502  | 54.264  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 194490  | 55.481  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 121059  | 51.440  | ug/l | 98     |
| 6) Chloroethane               | 1.71 | 64  | 124648  | 53.455  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 289717  | 54.678  | ug/l | 98     |
| 8) Diethyl Ether              | 2.17 | 74  | 114404  | 51.719  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 149725  | 56.689  | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 210095  | 57.023  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.01 | 59  | 236461  | 261.763 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 148529  | 54.541  | ug/l | 98     |
| 13) Acrolein                  | 2.27 | 56  | 72884   | 321.049 | ug/l | 99     |
| 14) Allyl chloride            | 2.70 | 41  | 277405  | 56.493  | ug/l | 99     |
| 15) Acrylonitrile             | 3.11 | 53  | 483519  | 269.949 | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 378405  | 237.790 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.55 | 76  | 437337  | 55.074  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 241931  | 53.575  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 547929  | 55.630  | ug/l | 100    |
| 20) Methylene Chloride        | 2.83 | 84  | 166894  | 52.978  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 163871  | 53.394  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.82 | 45  | 544229  | 56.373  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.78 | 43  | 2388048 | 284.759 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 299620  | 55.713  | ug/l | 99     |
| 25) 2-Butanone                | 4.63 | 43  | 662556  | 256.930 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 288305  | 58.632  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 187201  | 53.750  | ug/l | 97     |
| 28) Bromochloromethane        | 4.98 | 49  | 128535  | 49.391  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 451945  | 267.424 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 306591  | 54.825  | ug/l | 99     |
| 31) Cyclohexane               | 5.55 | 56  | 271198  | 56.645  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 282351  | 54.837  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 233774  | 55.317  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.79 | 43  | 271301  | 55.985  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 253402  | 56.768  | ug/l | 99     |

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

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/30/2020 2:11:41 PM

Quant Time: Apr 30 07:23:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042820W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 28 17:30:11 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 283894   | 58.075   | ug/l   | 97       |
| 40) Benzene                    | 6.11  | 78   | 668565   | 55.444   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.00  | 41   | 147426   | 56.835   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 259353   | 55.510   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 450237   | 56.106   | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 248335   | 57.137   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 173022   | 55.520   | ug/l   | 98       |
| 46) Dibromomethane             | 7.63  | 93   | 121014   | 54.649   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.87  | 83   | 254468   | 57.828   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 211651   | 57.126   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 92275    | 1058.682 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1364973  | 280.426  | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 433783   | 56.673   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 298718   | 57.211   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 304949   | 56.787   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 171297   | 56.001   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 287007   | 57.704   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 293689   | 55.881   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 685310   | 266.631  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 1043872  | 274.416  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 197891   | 57.801   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 187460   | 56.516   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 278200   | 58.022   | ug/l   | 99       |
| 65) Chlorobenzene              | 10.12 | 112  | 469498   | 57.033   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 180086   | 57.881   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.24 | 91   | 846023   | 57.710   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 644963   | 115.942  | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 310769   | 58.841   | ug/l   | 100      |
| 70) Styrene                    | 10.70 | 104  | 531672   | 58.668   | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 152660   | 53.682   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 846484   | 58.223   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 399868   | 57.027   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 146150   | 43.802   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 254591m  | 56.771   | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 212807   | 56.865   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 976806   | 58.405   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 571368   | 57.339   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 715557   | 58.427   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 109786   | 57.853   | ug/l # | 87       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 687744   | 57.706   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 610102   | 57.776   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 726874   | 58.972   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 842094   | 59.190   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 795519   | 59.696   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 384889   | 56.398   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 382778   | 55.498   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 722705   | 60.021   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 137370   | 58.342   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 364503   | 55.855   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 64148    | 53.443   | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\  
Data File : VX015969.D  
Acq On : 29 Apr 2020 11:52  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

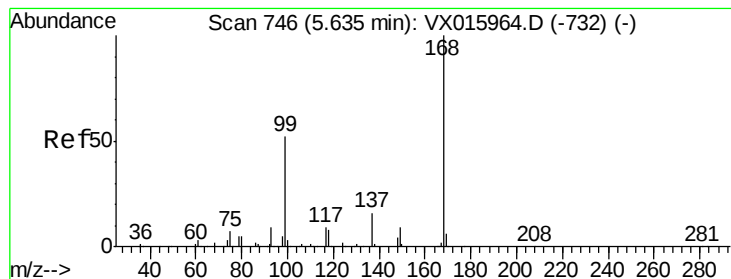
MMDadoda  
4/30/2020 2:11:41 PM

Quant Time: Apr 30 07:23:09 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042820W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 28 17:30:11 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 271734   | 55.477 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 126694   | 57.893 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 865466   | 56.023 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 264144   | 56.005 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 284628

Ion Ratio Lower Upper

168 100

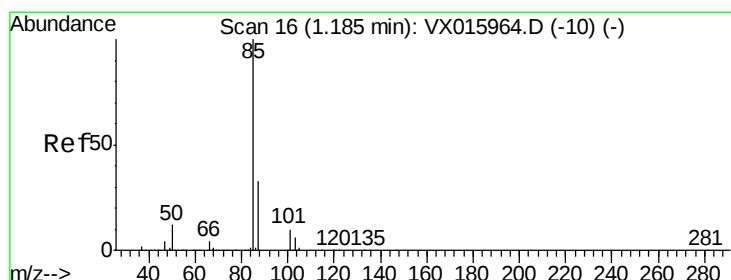
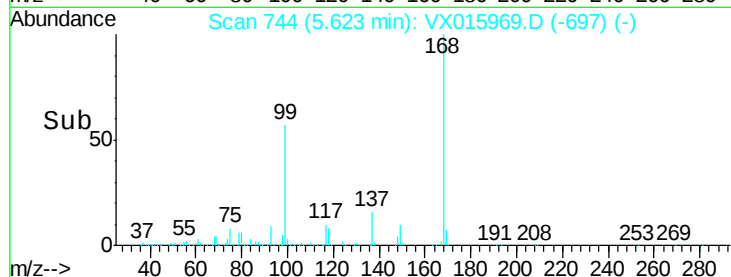
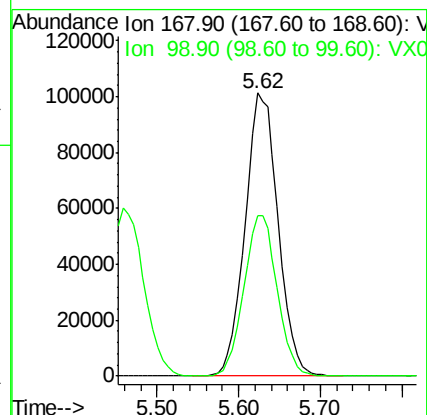
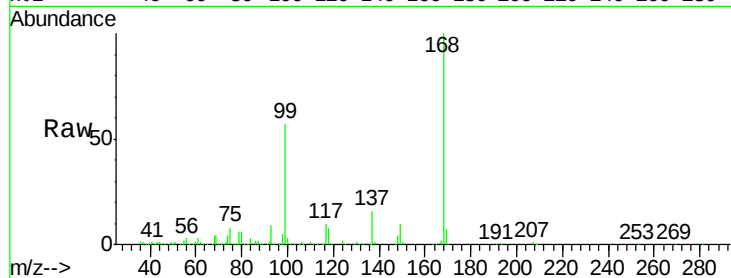
99 56.5 41.7 62.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 59.195 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015969.D

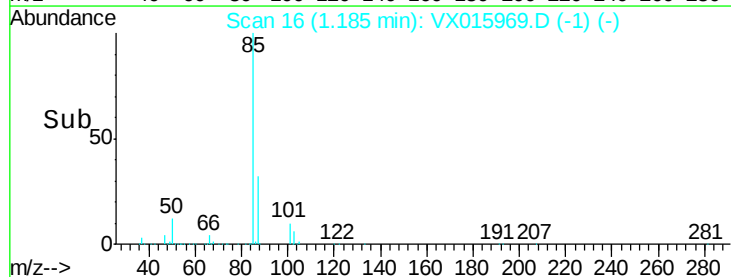
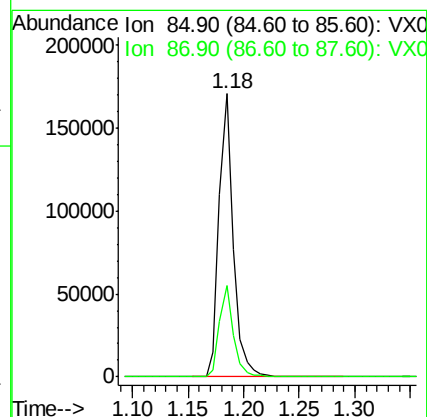
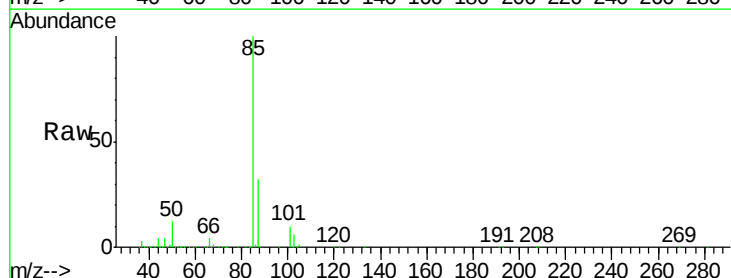
Acq: 29 Apr 2020 11:52

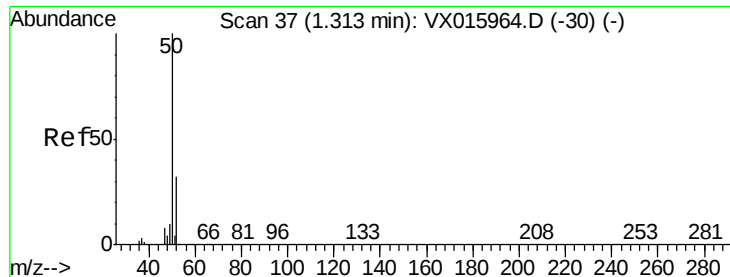
Tgt Ion: 85 Resp: 150770

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.1





#3

Chloromethane

Concen: 54.264 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 167502

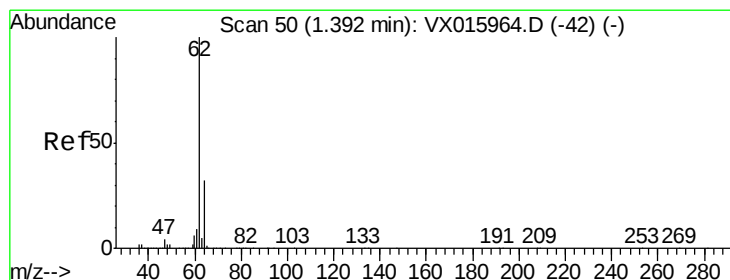
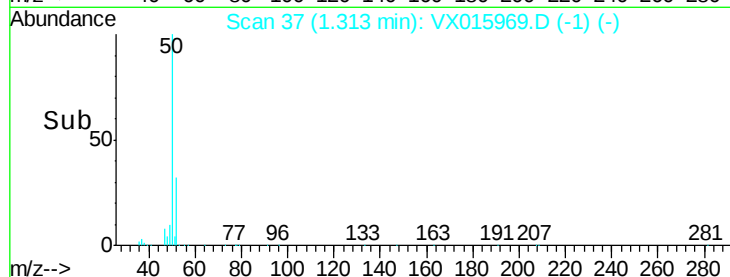
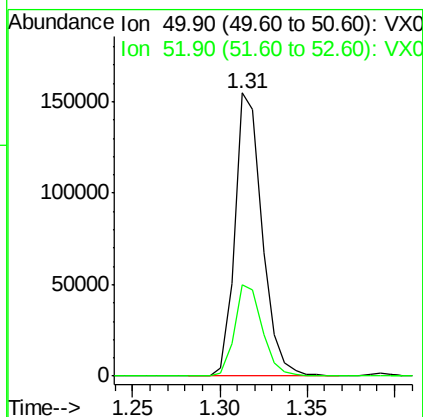
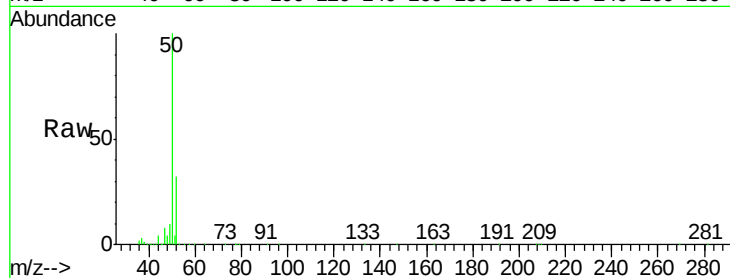
Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3

Manual Integrations  
APPROVED

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4/30/2020 2:11:41 PM



#4

Vinyl Chloride

Concen: 55.481 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015969.D

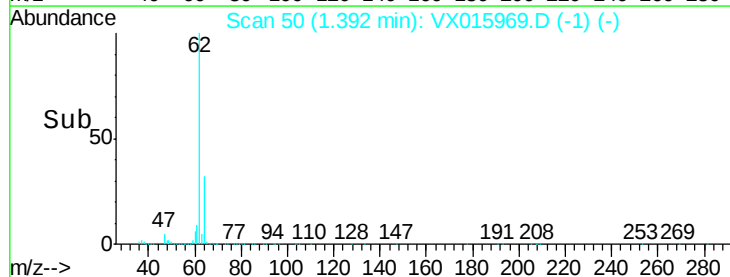
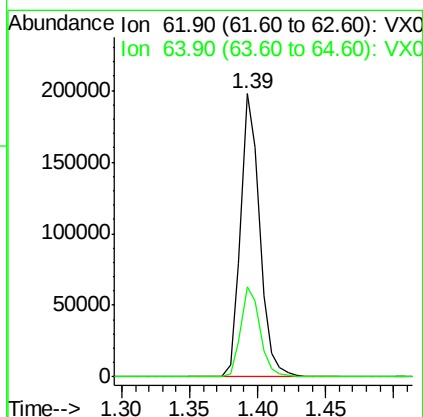
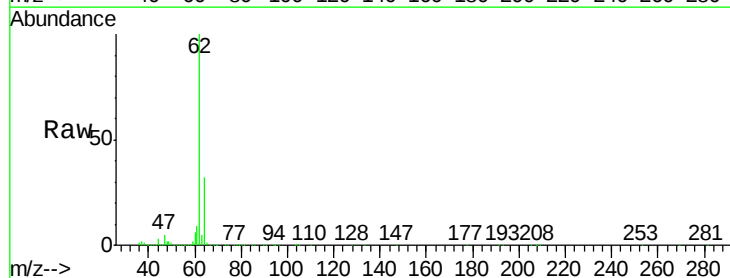
Acq: 29 Apr 2020 11:52

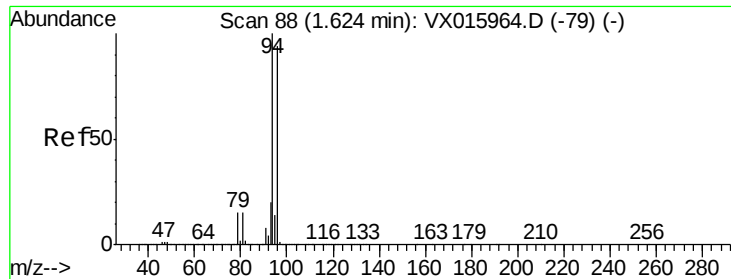
Tgt Ion: 62 Resp: 194490

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.6





#5

Bromomethane

Concen: 51.440 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 121059

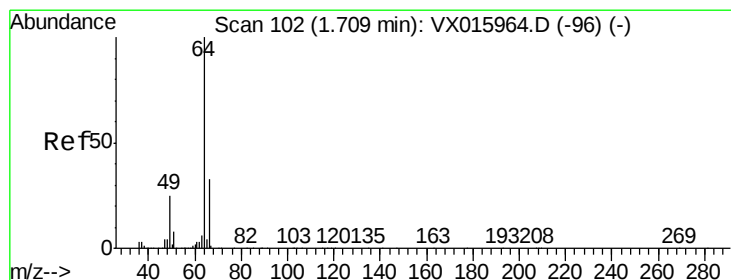
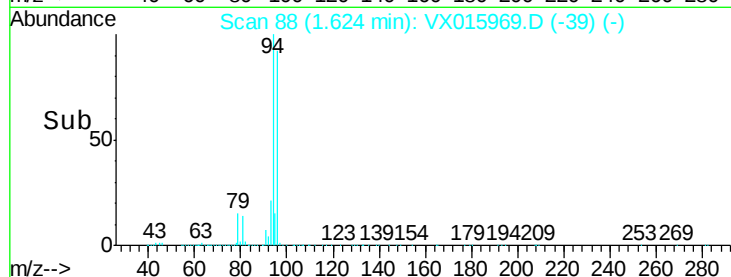
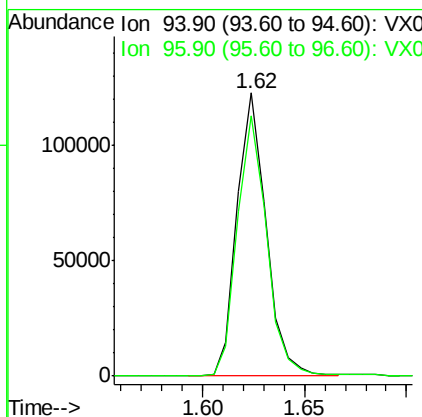
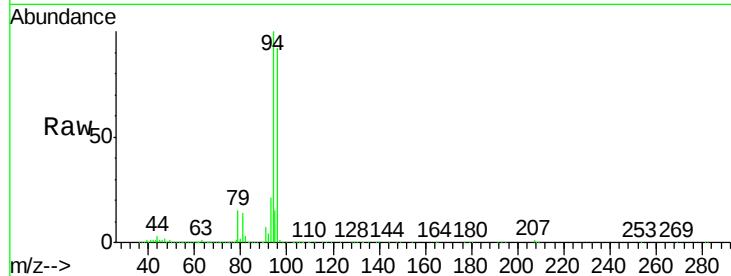
Ion Ratio Lower Upper

94 100

96 92.0 74.9 112.3

Manual Integrations  
APPROVED

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4/30/2020 2:11:41 PM



#6

Chloroethane

Concen: 53.455 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015969.D

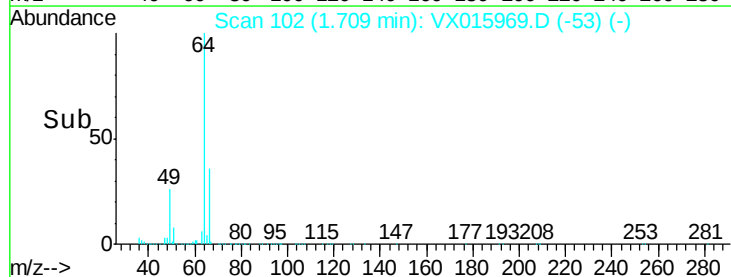
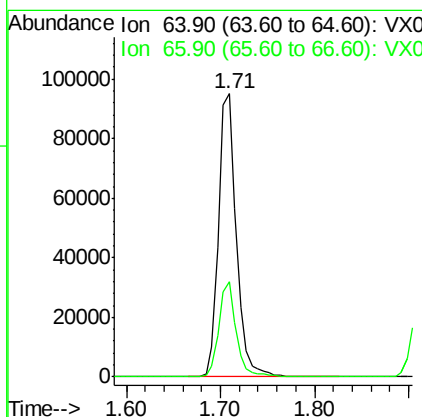
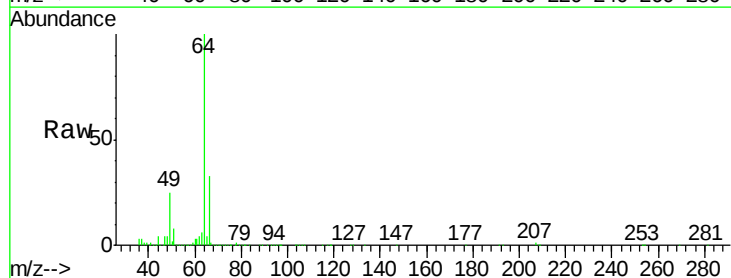
Acq: 29 Apr 2020 11:52

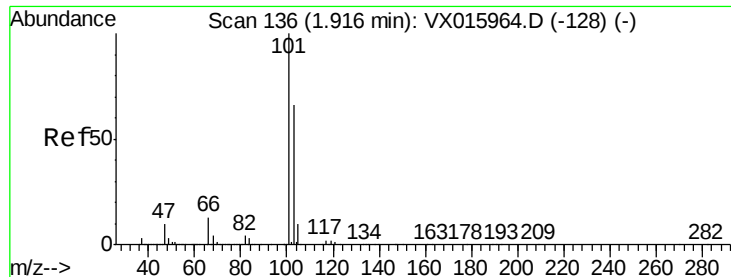
Tgt Ion: 64 Resp: 124648

Ion Ratio Lower Upper

64 100

66 33.4 26.2 39.2





#7

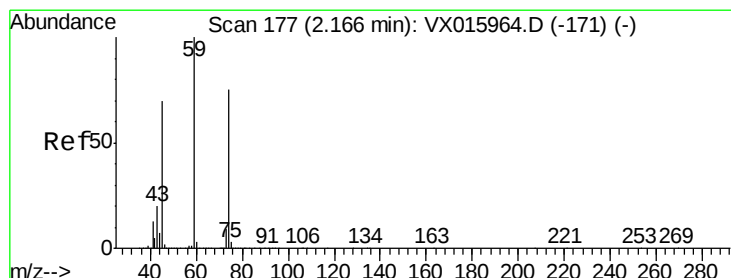
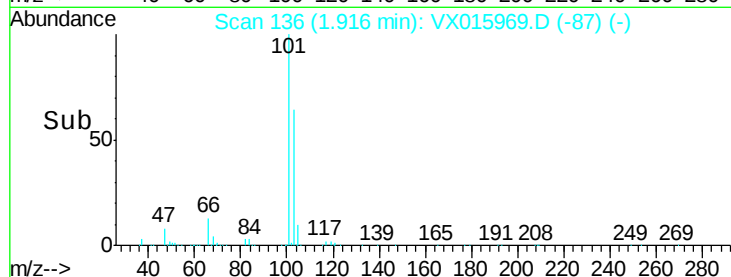
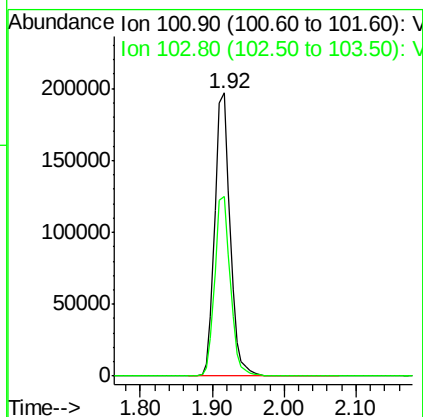
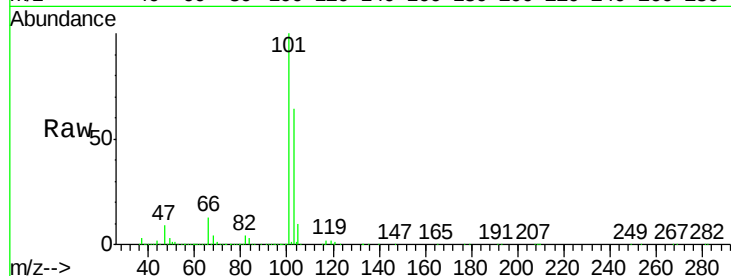
Trichlorofluoromethane  
Concen: 54.678 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.6  | 52.4  | 78.6  |

Manual Integrations  
APPROVED

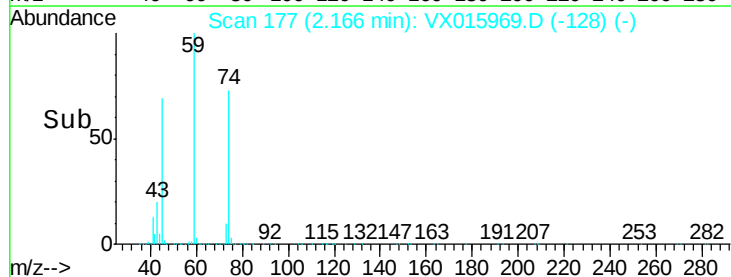
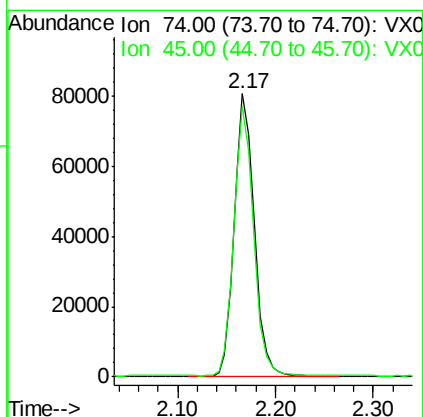
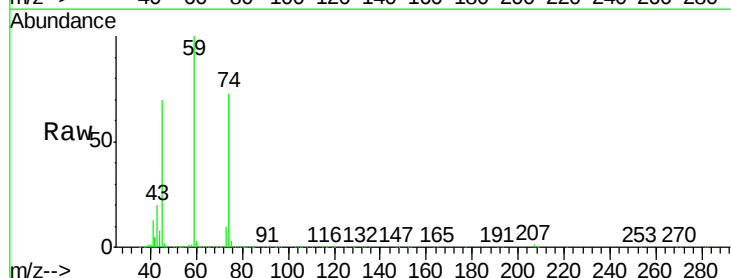
MMDadoda  
4/30/2020 2:11:41 PM

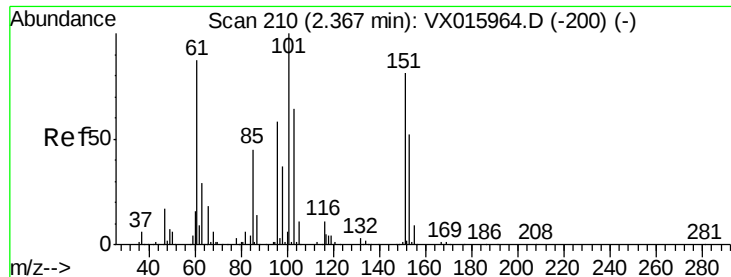


#8

Diethyl Ether  
Concen: 51.719 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.6  | 47.1  | 141.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.689 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

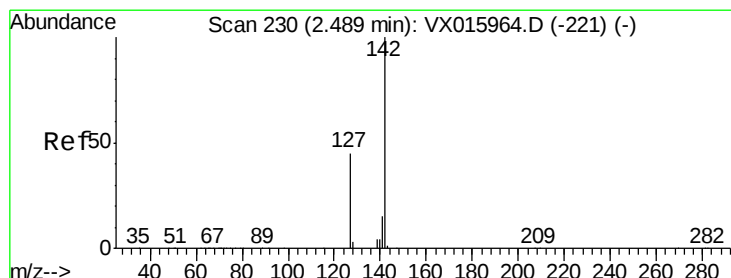
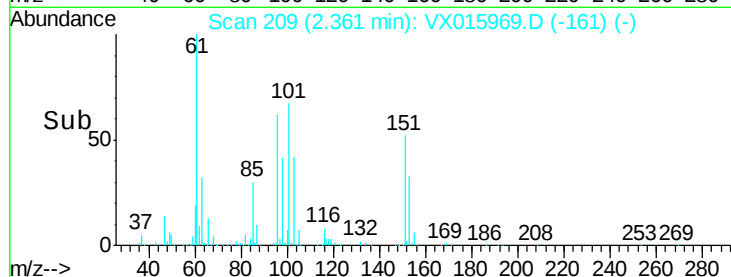
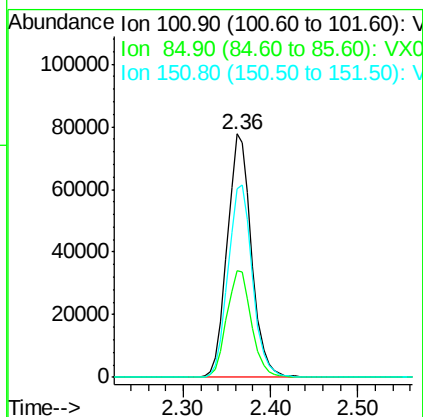
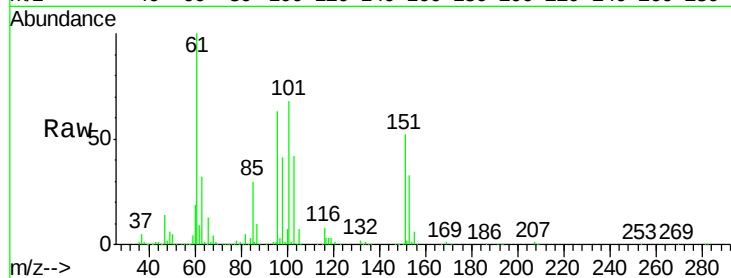
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 149725 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.6  | 36.3  | 54.5   |
| 151       | 79.9  | 63.1  | 94.7   |

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4/30/2020 2:11:41 PM



#10

Methyl Iodide

Concen: 57.023 ug/l

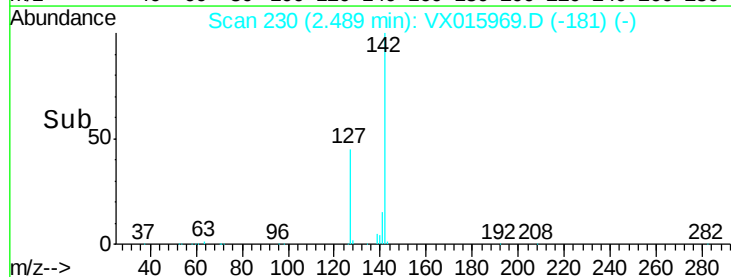
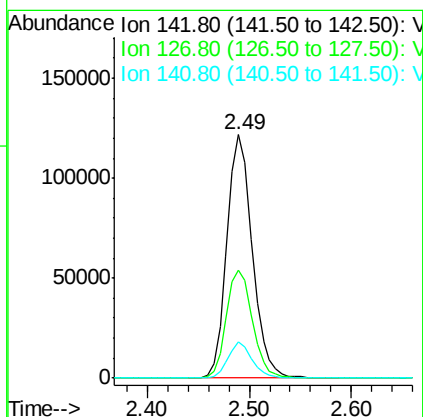
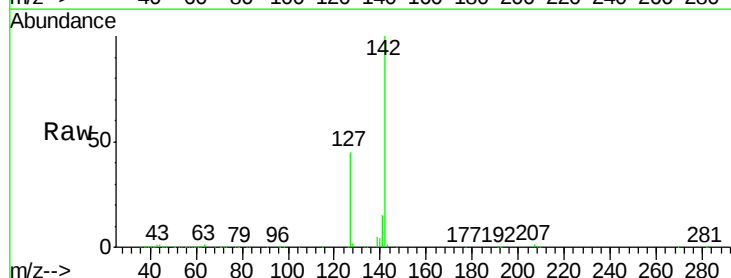
RT: 2.49 min Scan# 230

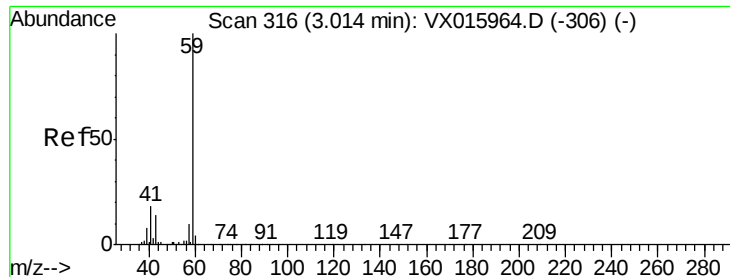
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 210095 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.7  | 36.5  | 54.7   |
| 141       | 14.2  | 11.6  | 17.4   |





#11

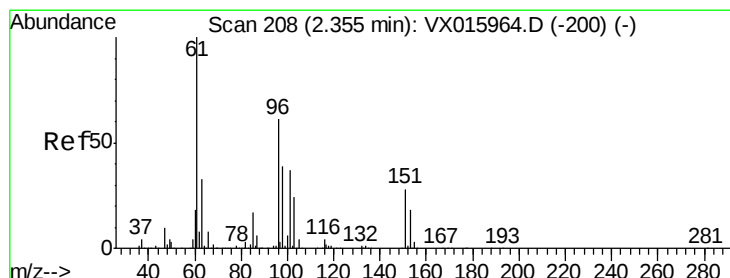
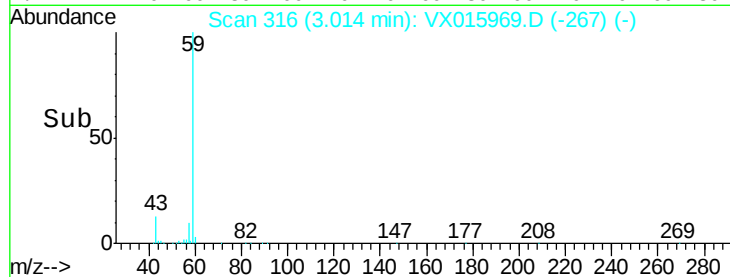
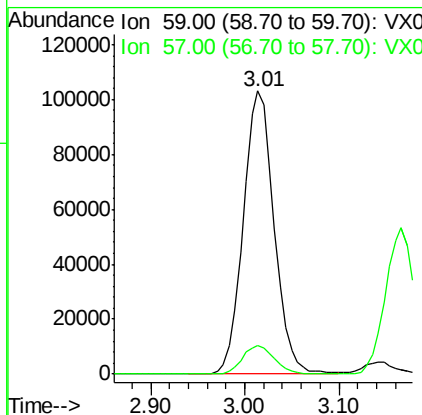
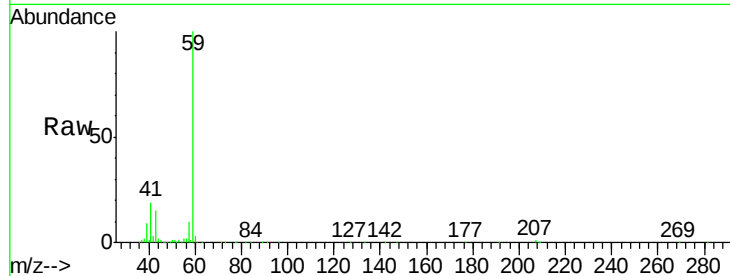
Tert butyl alcohol  
Concen: 261.763 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 8.3   | 12.5  |

Manual Integrations  
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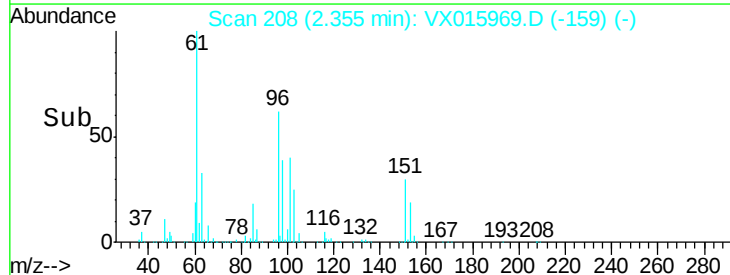
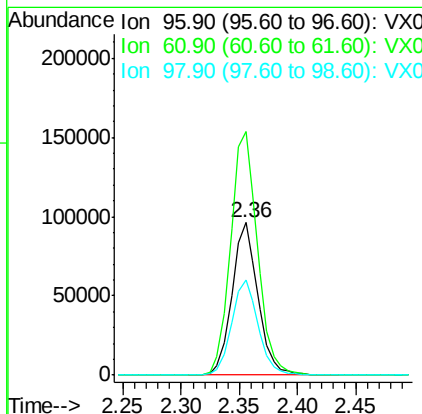
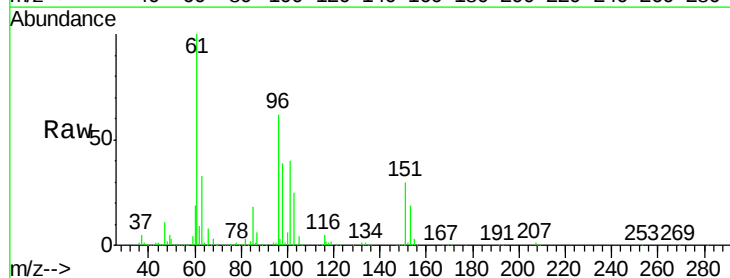
MMDadoda  
4/30/2020 2:11:41 PM

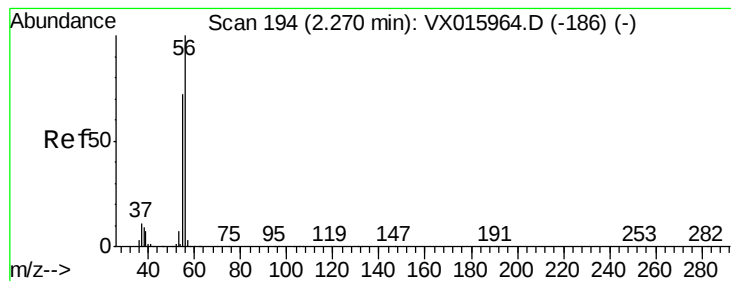


#12

1,1-Dichloroethene  
Concen: 54.541 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 160.3 | 131.0 | 196.4 |
| 98      | 62.2  | 50.7  | 76.1  |





#13

Acrolein

Concen: 321.049 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 72884

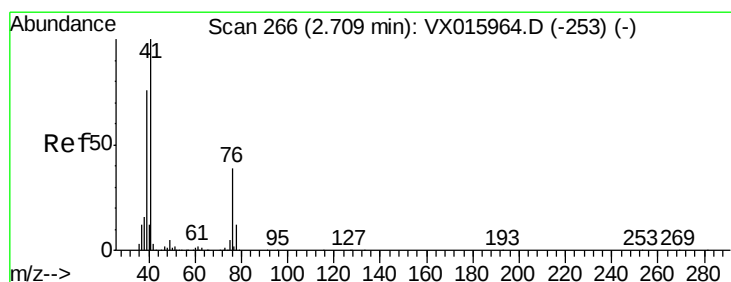
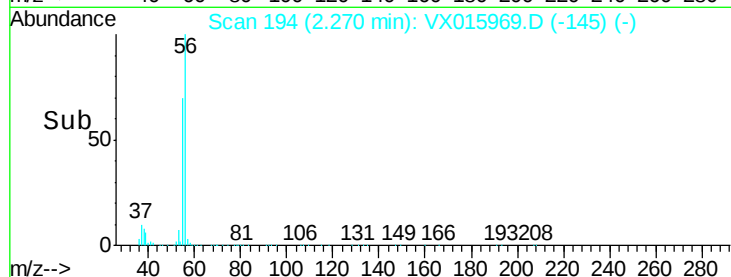
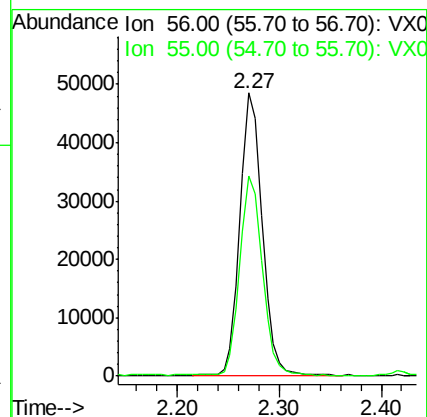
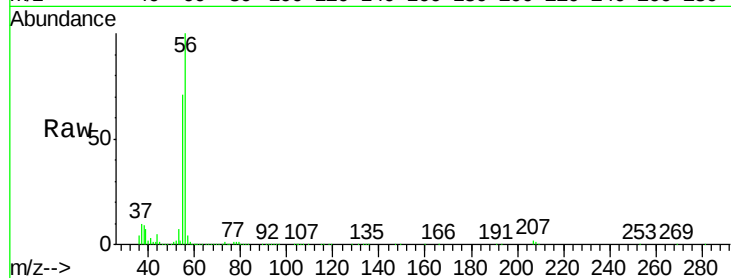
Ion Ratio Lower Upper

56 100

55 72.1 56.9 85.3

Manual Integrations  
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4/30/2020 2:11:41 PM



#14

Allyl chloride

Concen: 56.493 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

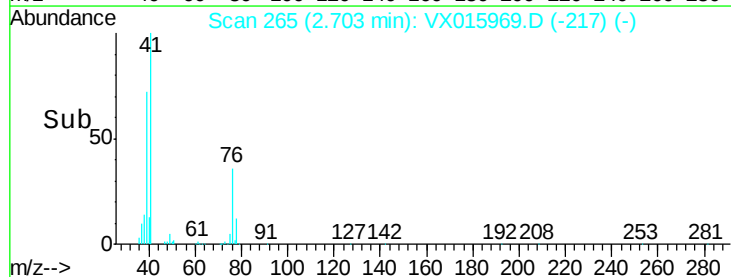
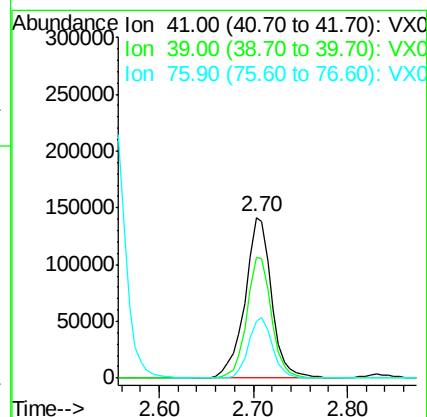
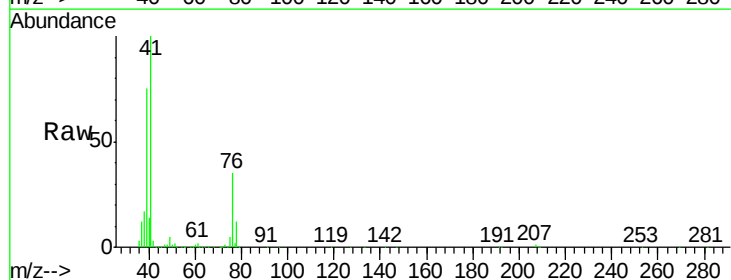
Tgt Ion: 41 Resp: 277405

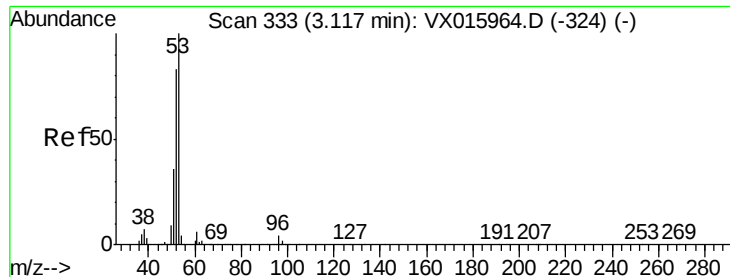
Ion Ratio Lower Upper

41 100

39 70.0 55.4 83.0

76 33.9 27.1 40.7





#15

Acrylonitrile

Concen: 269.949 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

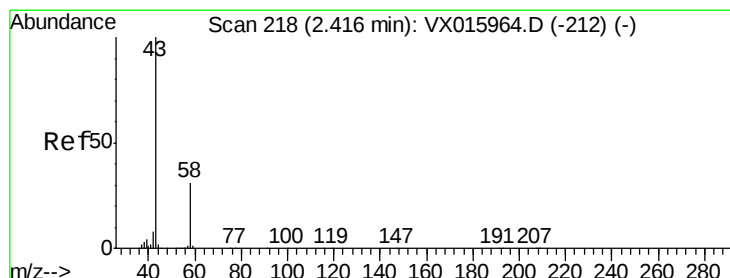
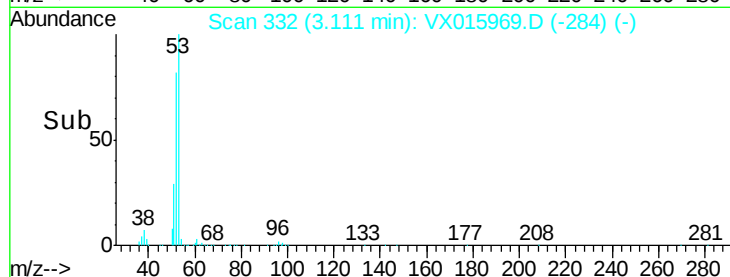
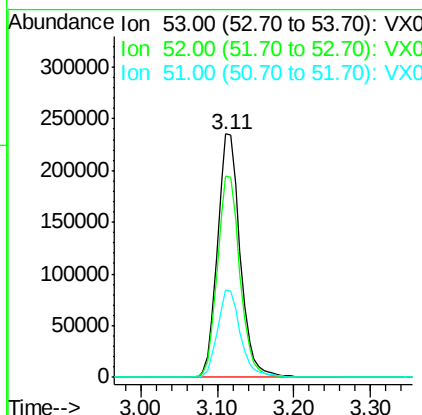
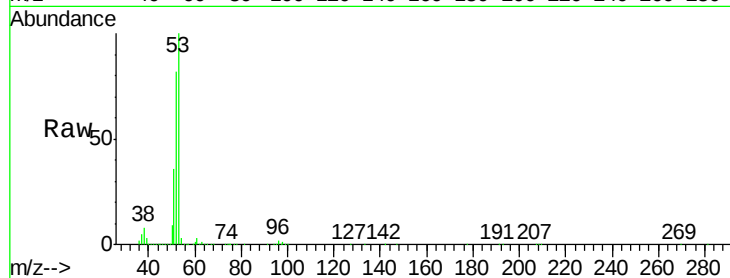
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 483519 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.8  | 65.5  | 98.3   |
| 51        | 36.4  | 28.7  | 43.1   |

Manual Integrations  
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4/30/2020 2:11:41 PM



#16

Acetone

Concen: 237.790 ug/l

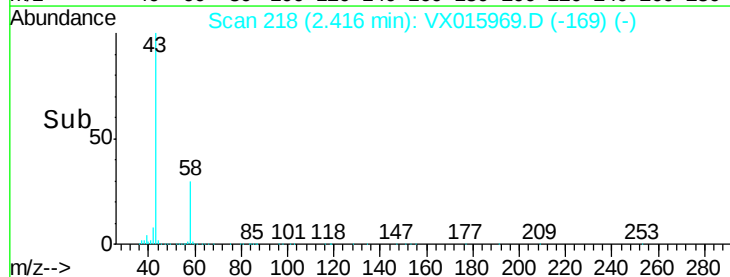
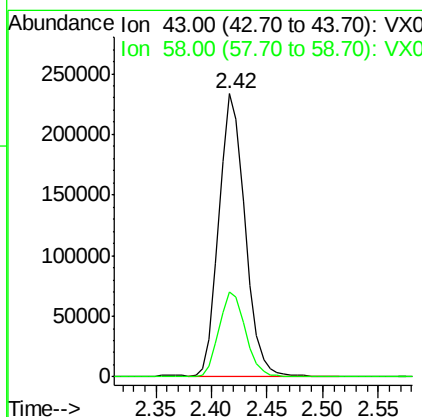
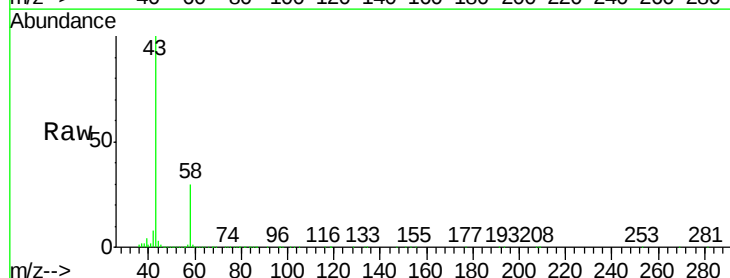
RT: 2.42 min Scan# 218

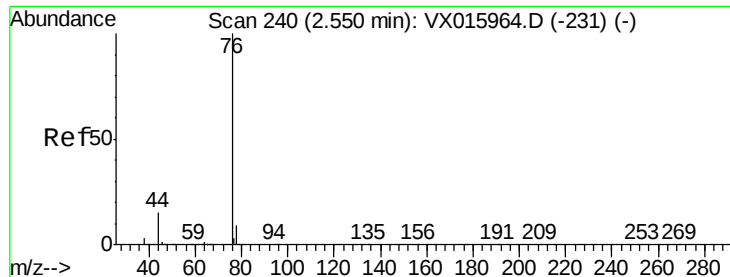
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 378405 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.1  | 25.1  | 37.7   |





#17

Carbon Disulfide

Concen: 55.074 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 437337

Ion Ratio Lower Upper

76 100

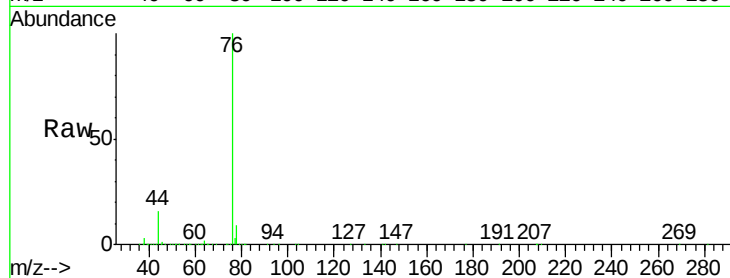
78 9.1 7.4 11.0

Manual Integrations

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4/30/2020 2:11:41 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

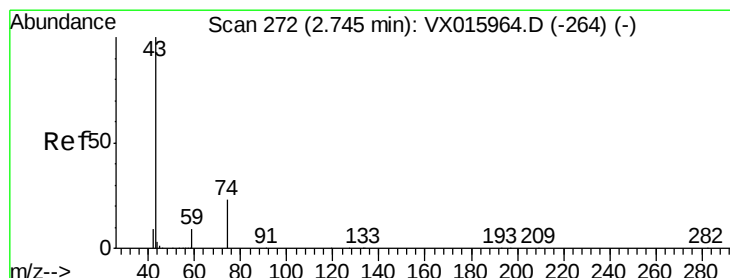
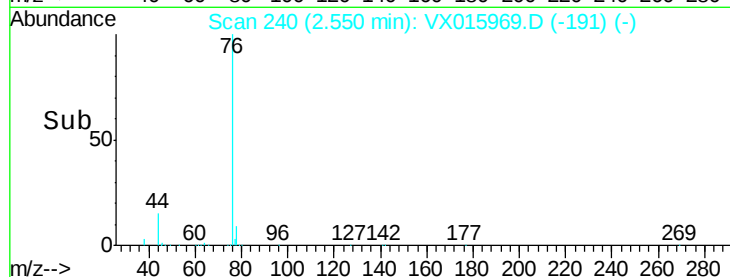
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.575 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015969.D

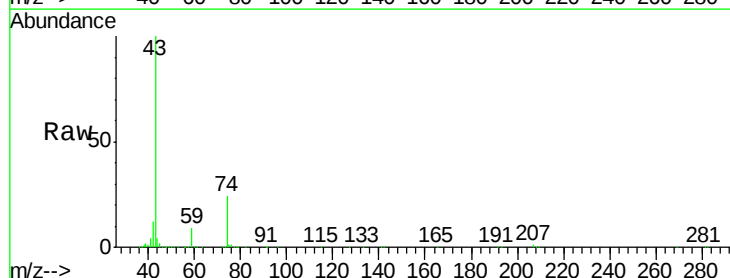
Acq: 29 Apr 2020 11:52

Tgt Ion: 43 Resp: 241931

Ion Ratio Lower Upper

43 100

74 24.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

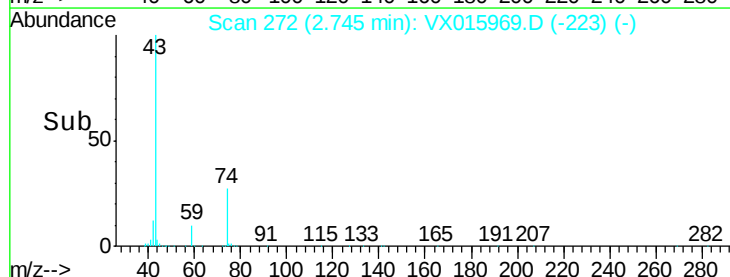
150000

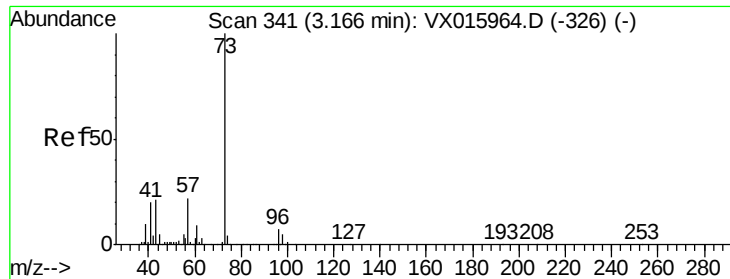
100000

50000

0

Time-->





#19

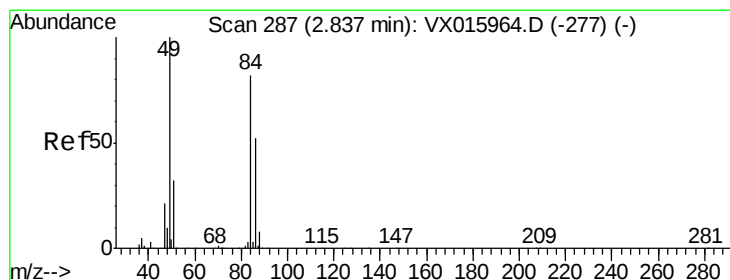
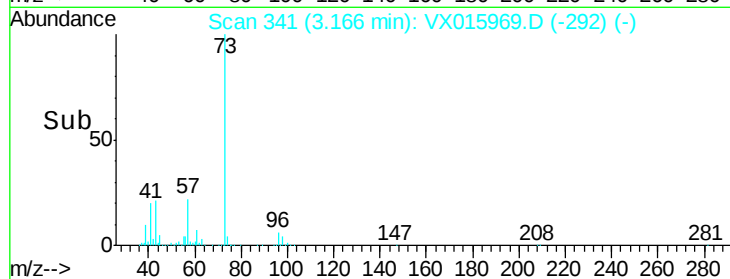
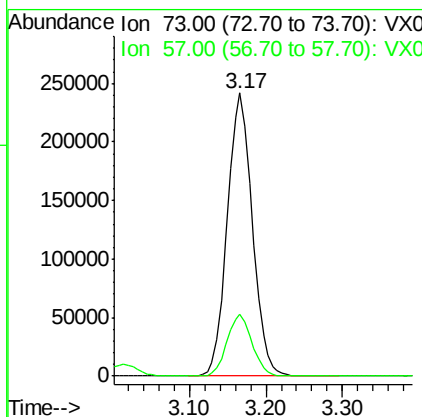
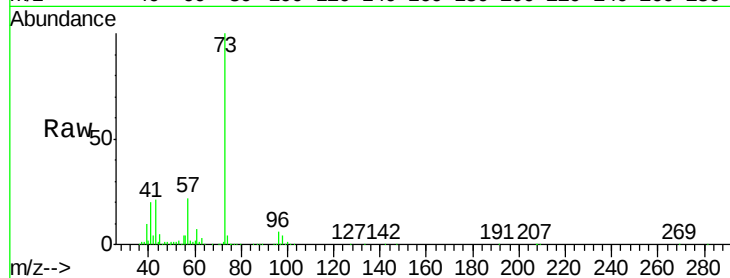
Methyl tert-butyl Ether  
 Concen: 55.630 ug/l  
 RT: 3.17 min Scan# 341  
 Delta R.T. 0.00 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.0  | 17.5  | 26.3  |

Manual Integrations  
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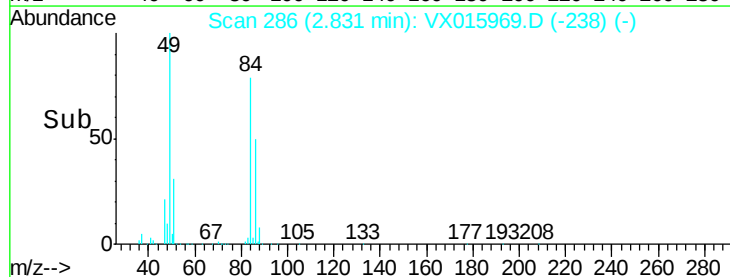
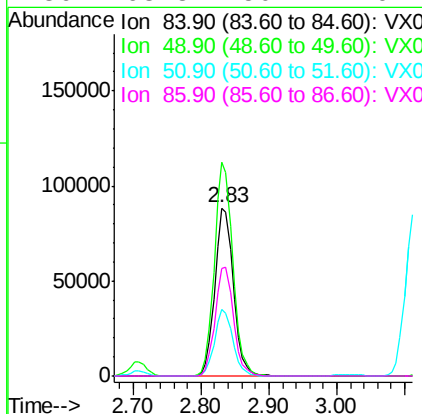
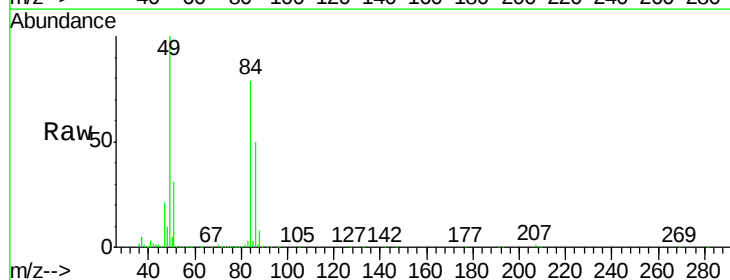
MMDadoda  
 4/30/2020 2:11:41 PM

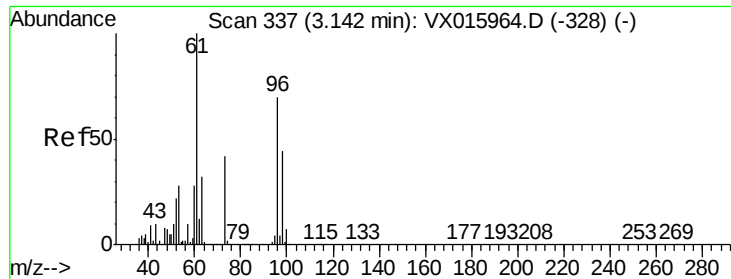


#20

Methylene Chloride  
 Concen: 52.978 ug/l  
 RT: 2.83 min Scan# 286  
 Delta R.T. -0.01 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 127.1 | 97.9  | 146.9 |
| 51      | 39.8  | 31.2  | 46.8  |
| 86      | 63.8  | 50.7  | 76.1  |





#21

trans-1,2-Dichloroethene

Concen: 53.394 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

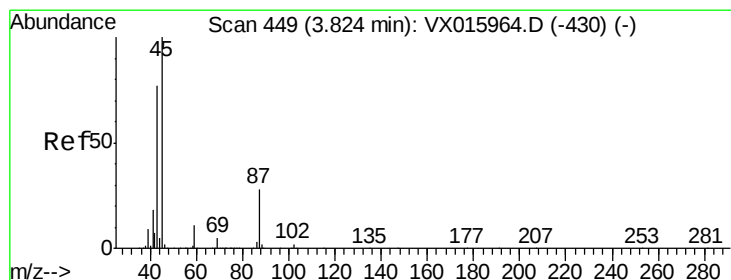
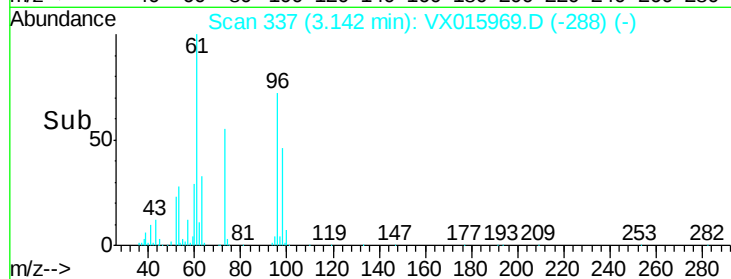
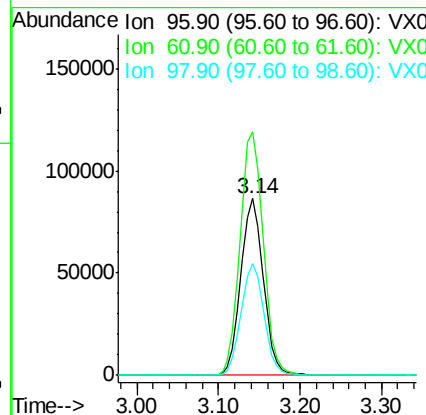
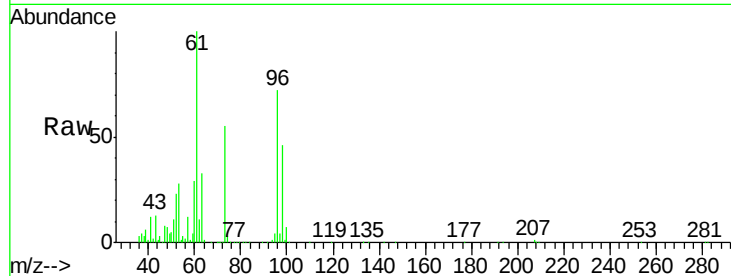
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 163871 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 138.0 | 113.6 | 170.4  |
| 98       | 63.5  | 50.3  | 75.5   |

Manual Integrations  
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4/30/2020 2:11:41 PM



#22

Diisopropyl ether

Concen: 56.373 ug/l

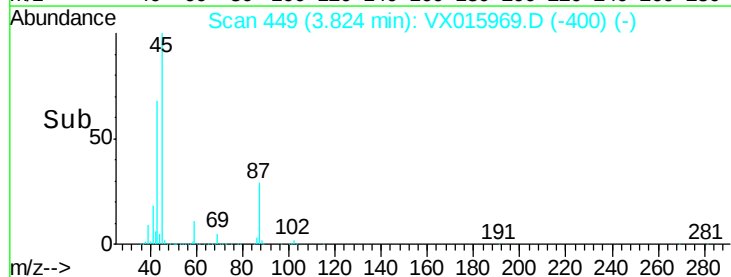
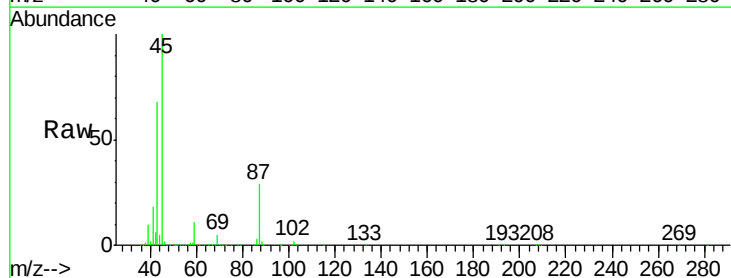
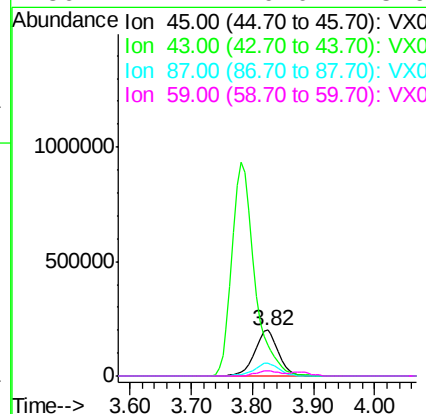
RT: 3.82 min Scan# 449

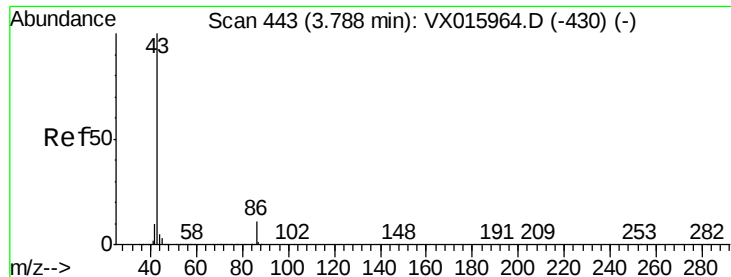
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 544229 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 68.4  | 61.3  | 91.9   |
| 87       | 28.6  | 22.6  | 33.8   |
| 59       | 11.4  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 284.759 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2388048

Ion Ratio Lower Upper

43 100

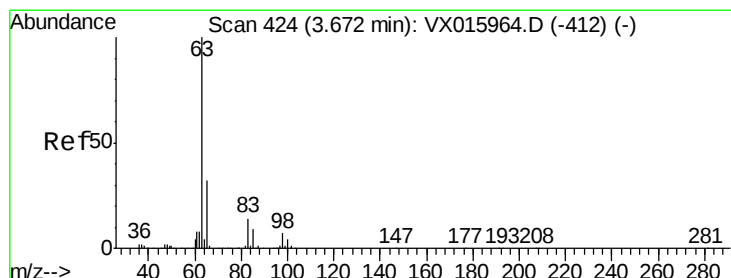
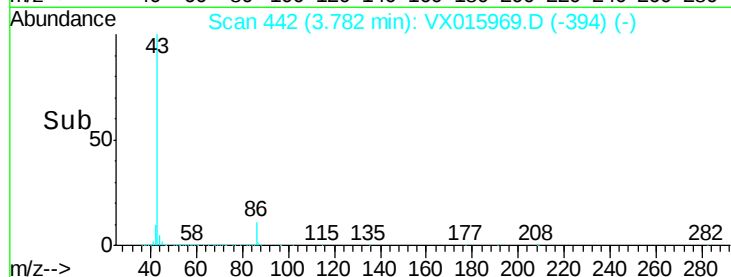
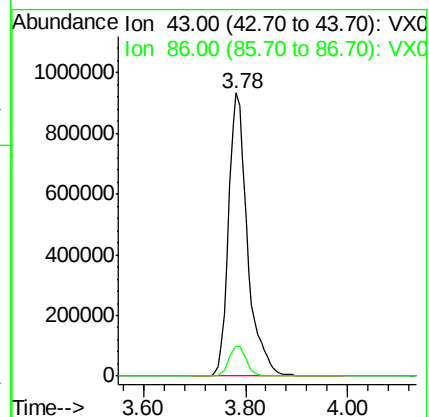
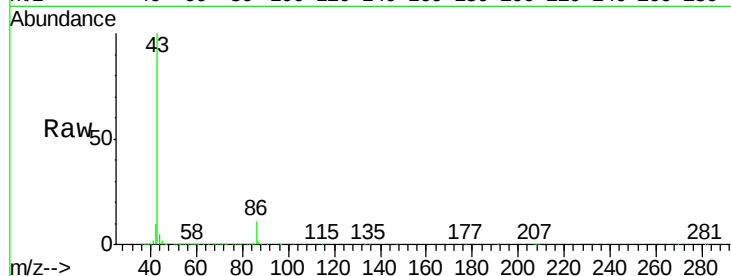
86 10.7 8.9 13.3

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 55.713 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

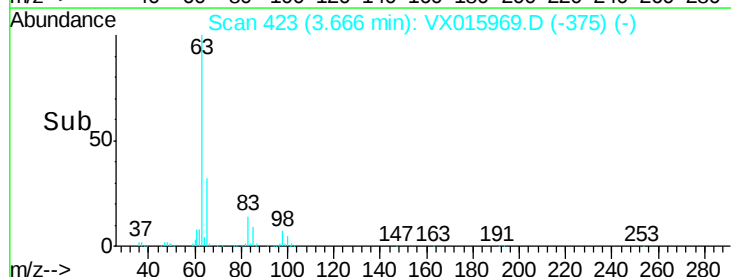
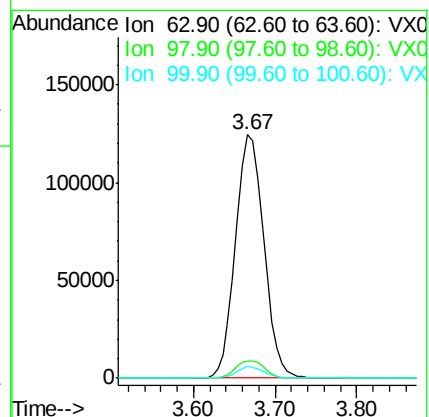
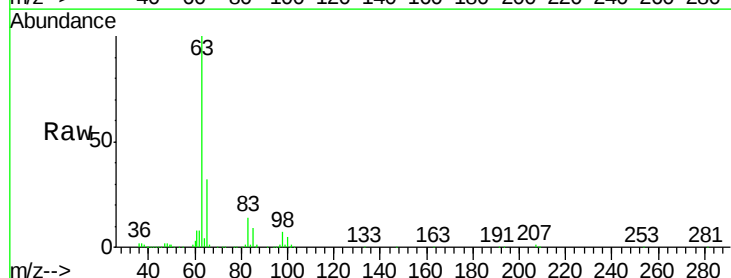
Tgt Ion: 63 Resp: 299620

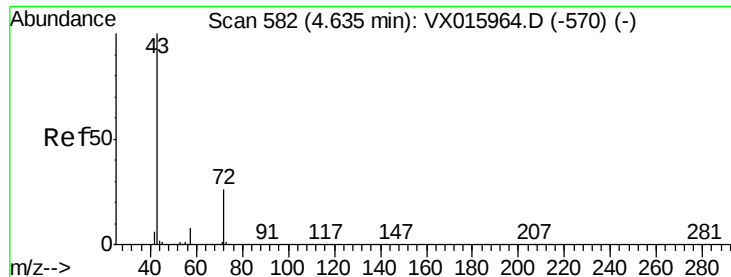
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 256.930 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 662556

Ion Ratio Lower Upper

43 100

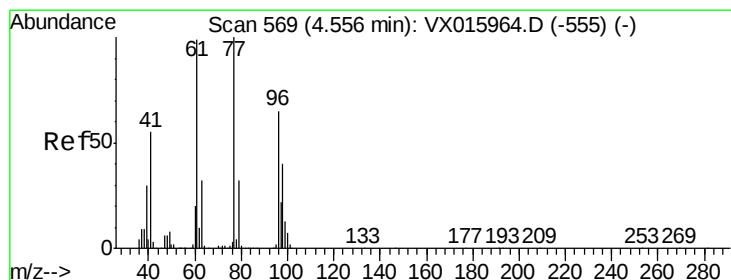
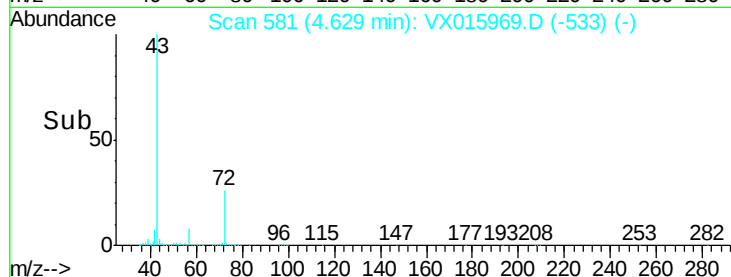
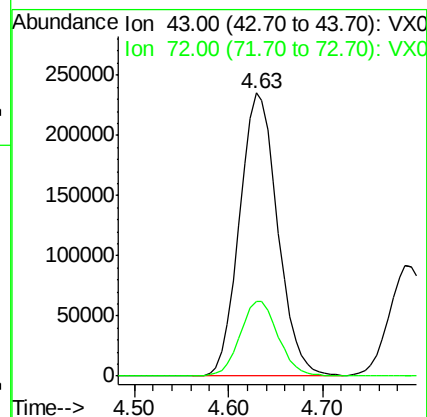
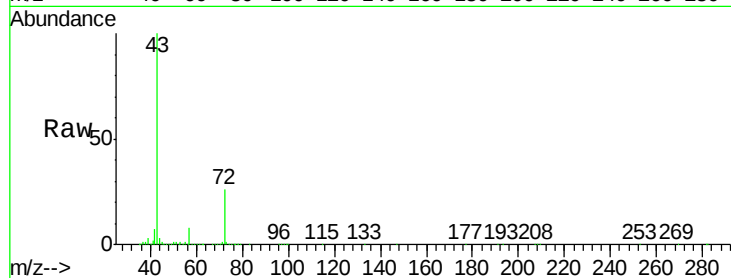
72 26.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 58.632 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015969.D

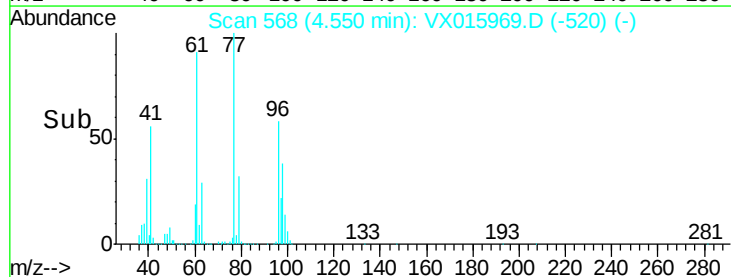
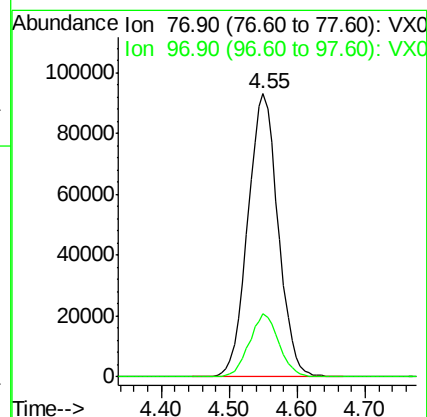
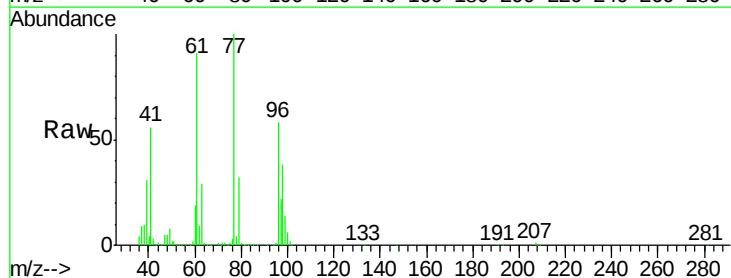
Acq: 29 Apr 2020 11:52

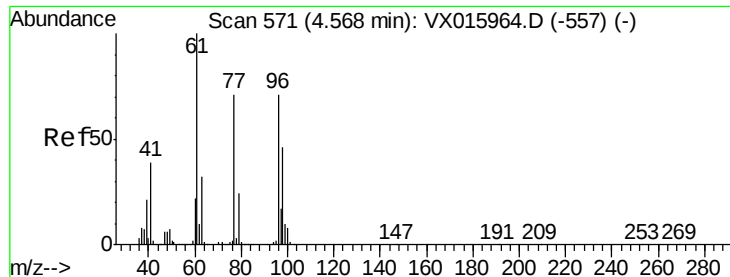
Tgt Ion: 77 Resp: 288305

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3





#27

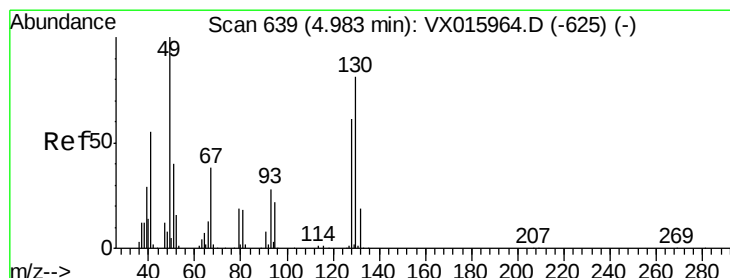
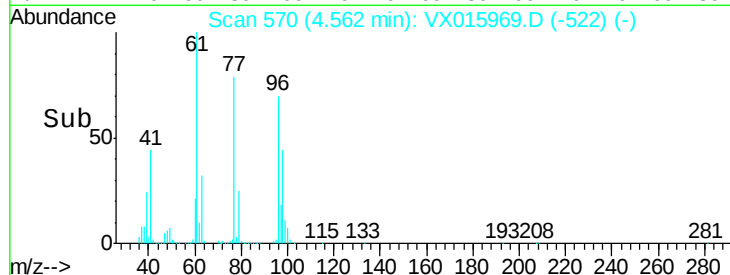
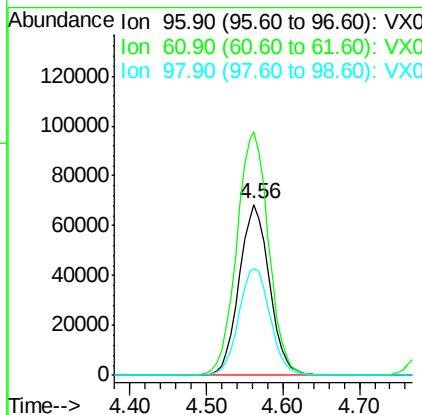
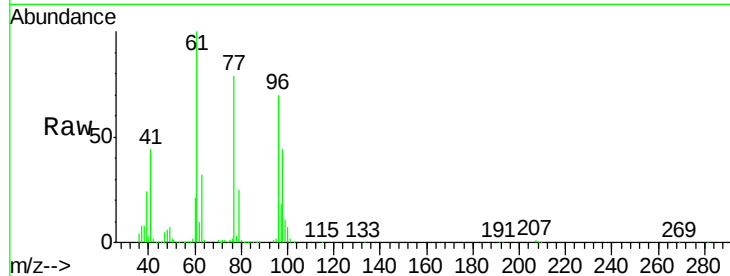
cis-1,2-Dichloroethene  
Concen: 53.750 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.2 | 0.0   | 294.2 |
| 98      | 65.5  | 0.0   | 127.4 |

Manual Integrations  
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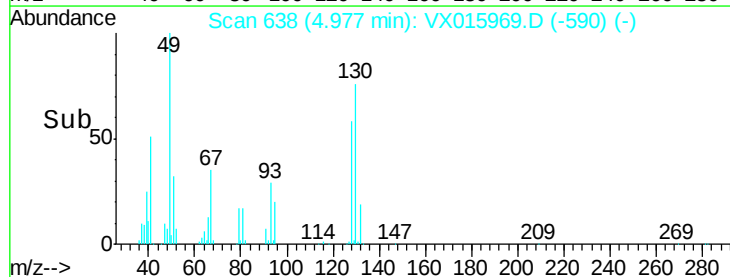
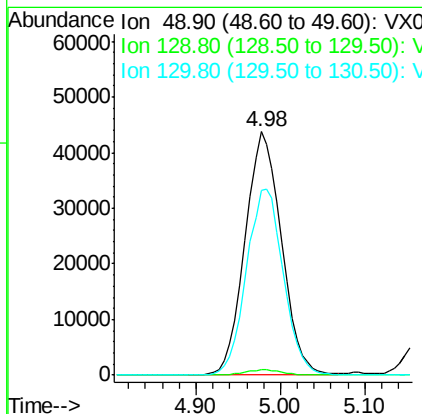
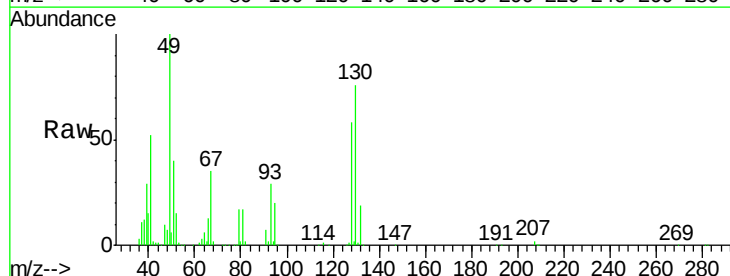
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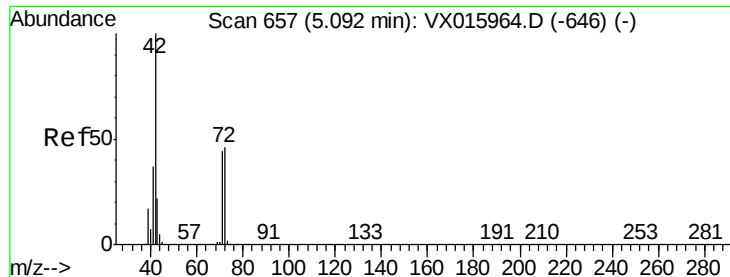


#28

Bromochloromethane  
Concen: 49.391 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 4.6   |
| 130     | 77.8  | 63.9  | 95.9  |





#29

Tetrahydrofuran

Concen: 267.424 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

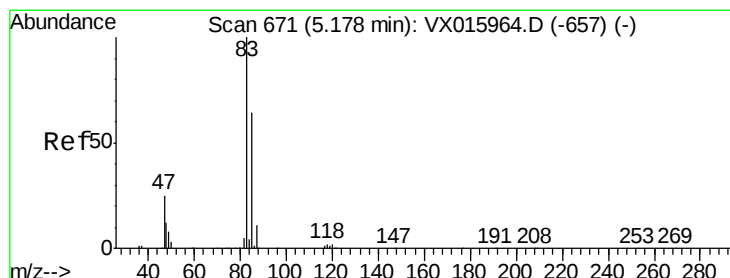
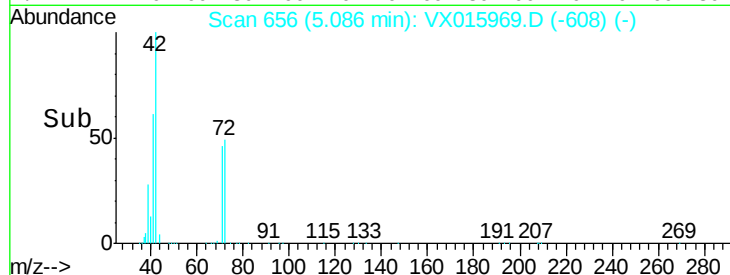
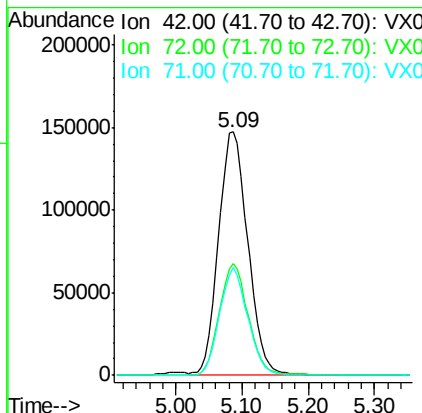
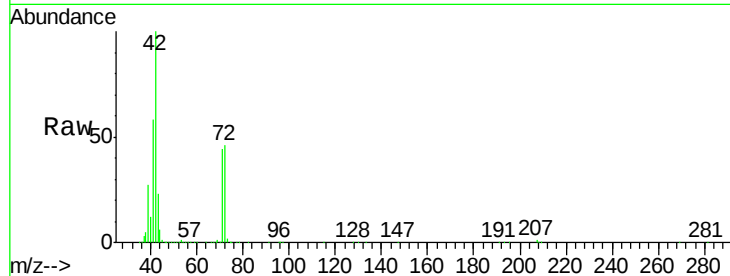
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.8  | 37.4  | 56.0  |
| 71      | 42.6  | 34.6  | 52.0  |

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#30

Chloroform

Concen: 54.825 ug/l

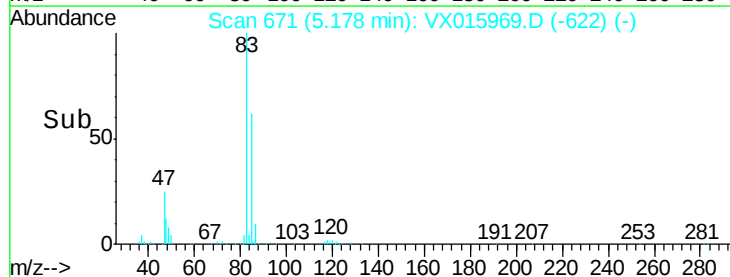
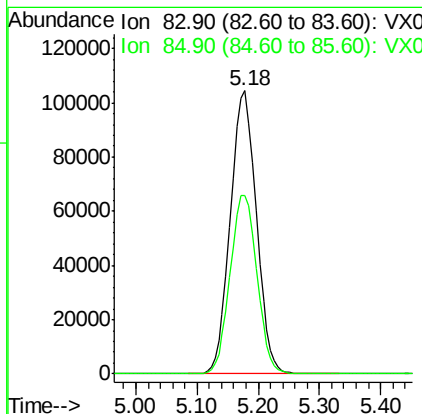
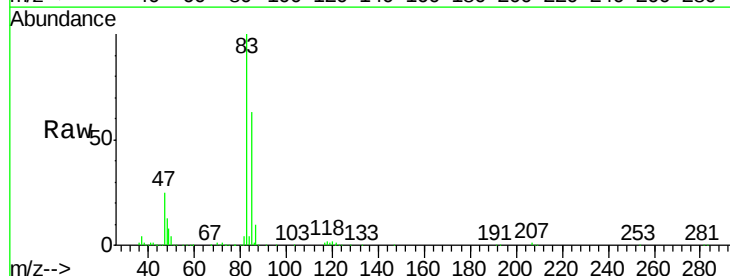
RT: 5.18 min Scan# 671

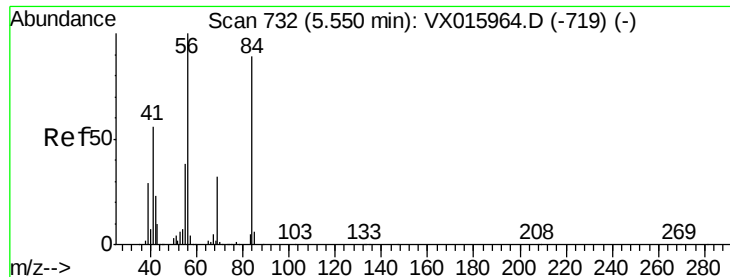
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.2  | 51.0  | 76.4  |





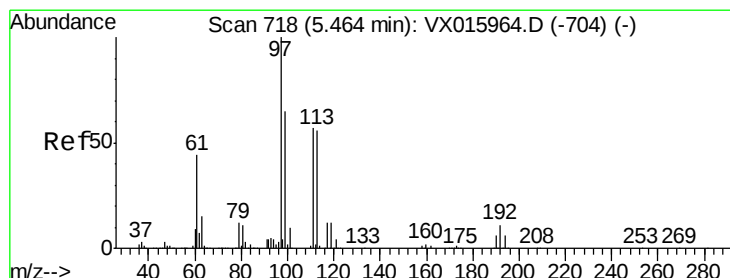
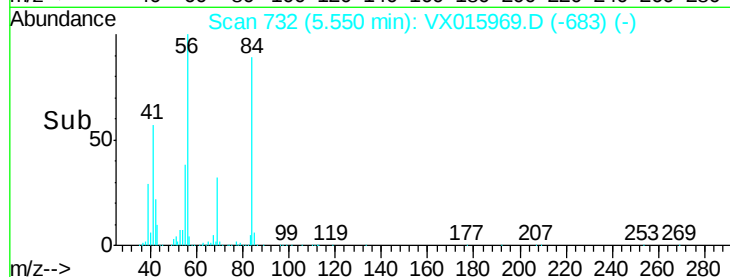
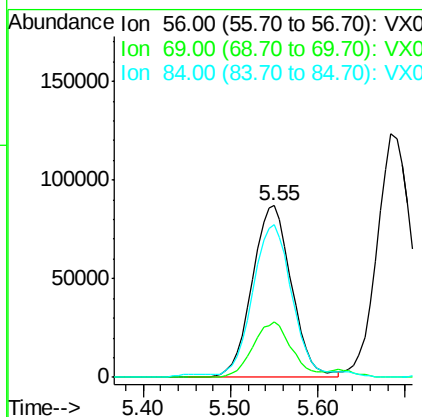
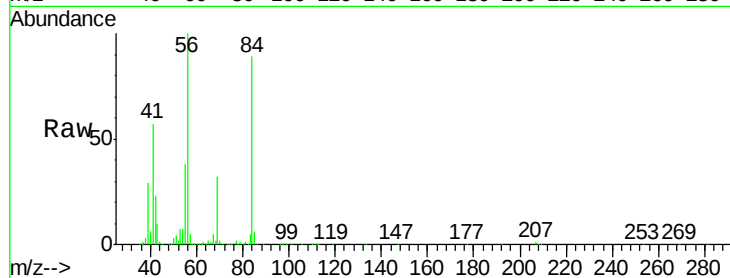
#31  
Cyclohexane  
Concen: 56.645 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 32.3 | 25.4  | 38.2  |       |
| 84      | 87.8 | 71.0  | 106.6 |       |

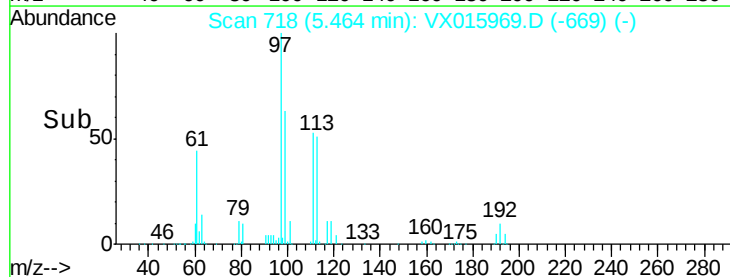
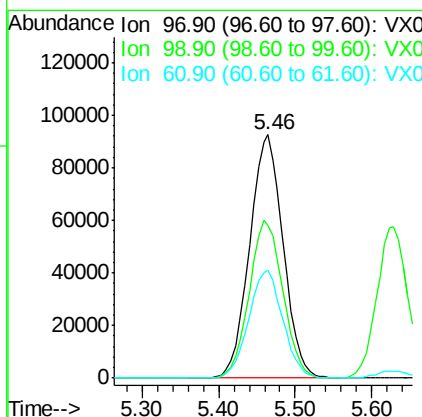
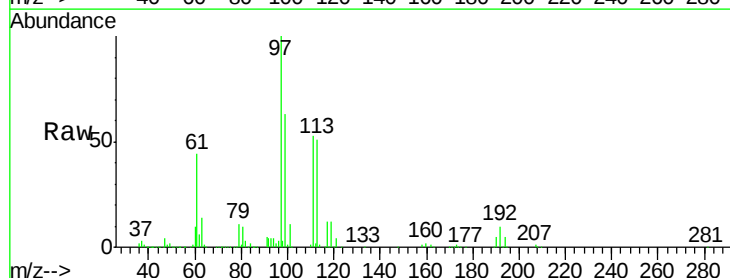
Manual Integrations  
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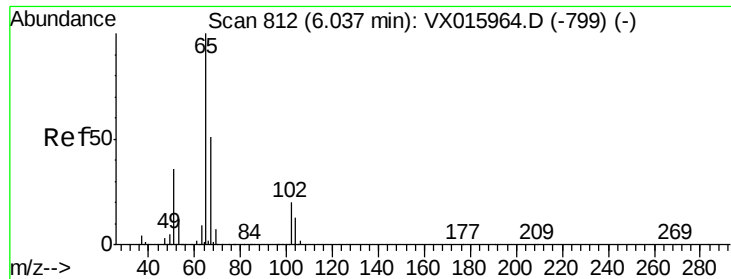
MMDadoda  
4/30/2020 2:11:41 PM



#32  
1,1,1-Trichloroethane  
Concen: 54.837 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 65.3 | 51.4  | 77.0  |       |
| 61      | 45.2 | 35.7  | 53.5  |       |





#33

1,2-Dichloroethane-d4

Concen: 48.356 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 179954

Ion Ratio Lower Upper

65 100

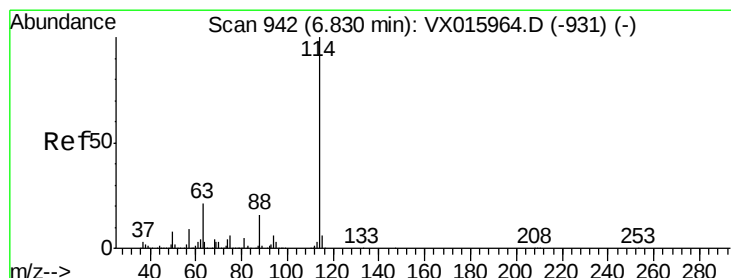
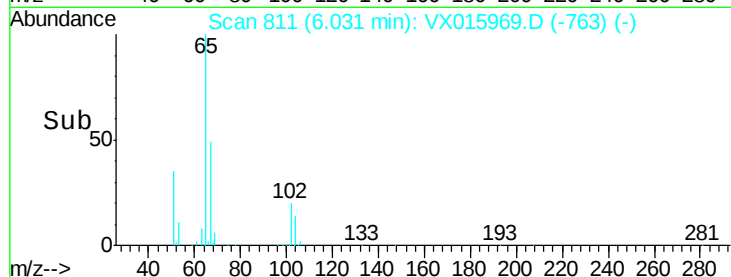
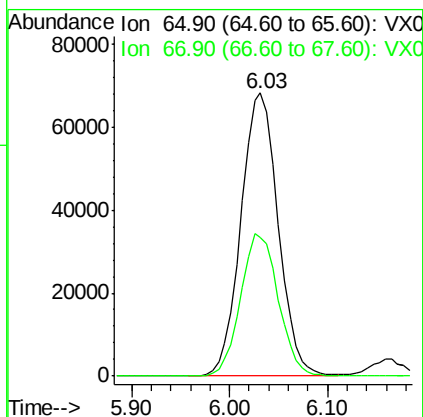
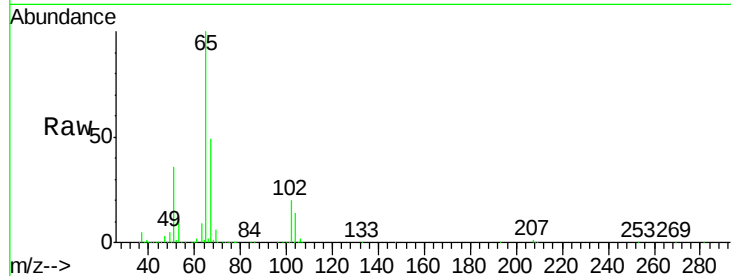
67 50.9 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

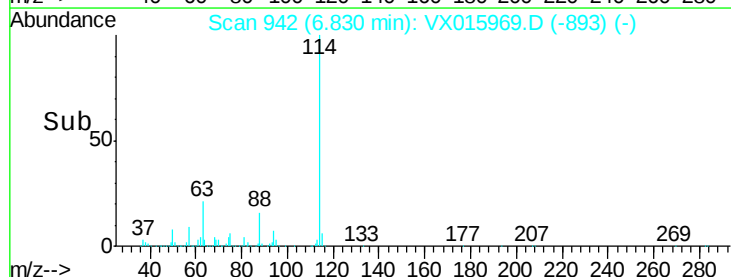
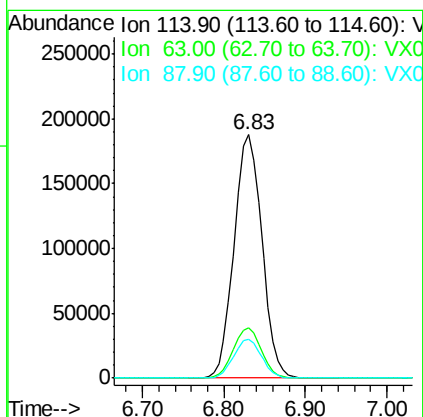
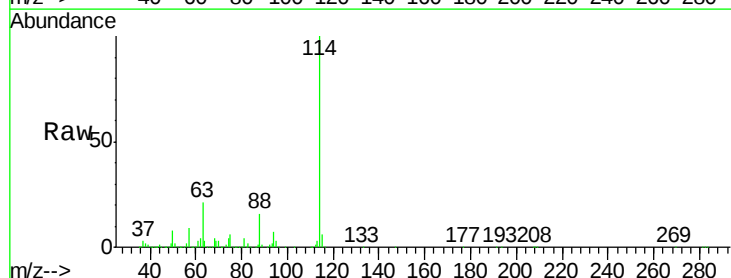
Tgt Ion: 114 Resp: 443715

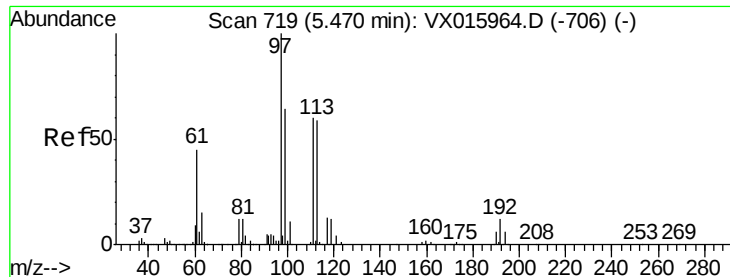
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.141 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

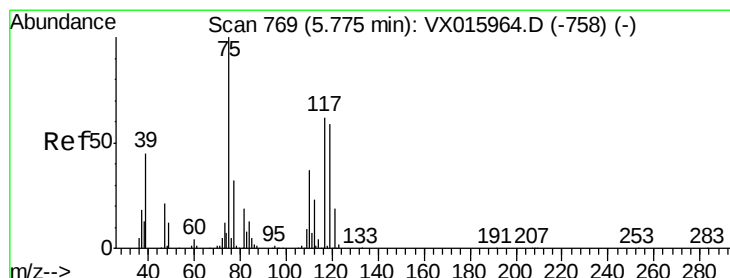
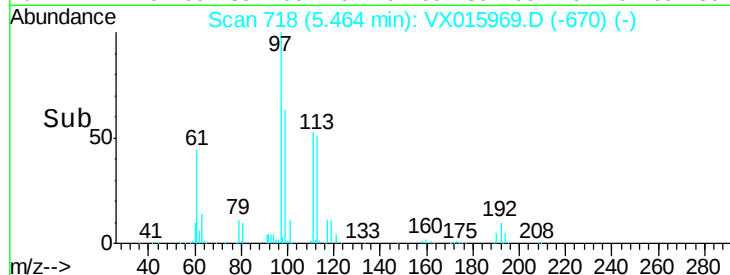
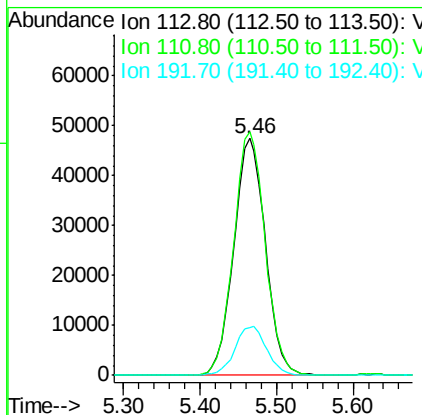
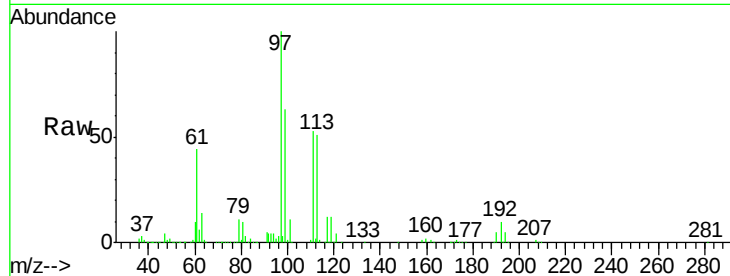
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 136018 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.4 | 81.8  | 122.8  |
| 192       | 20.9  | 16.8  | 25.2   |

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#36

1,1-Dichloropropene

Concen: 55.317 ug/l

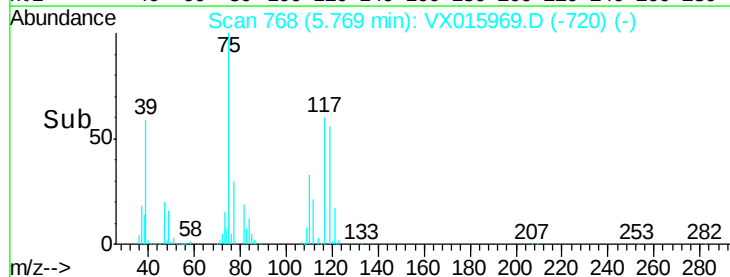
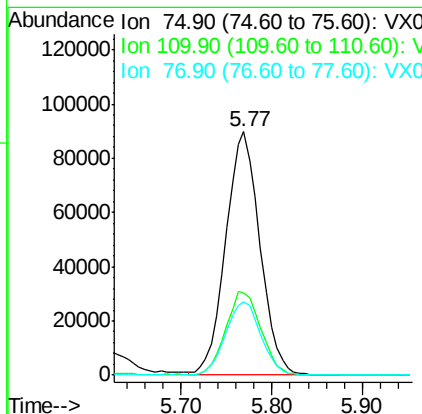
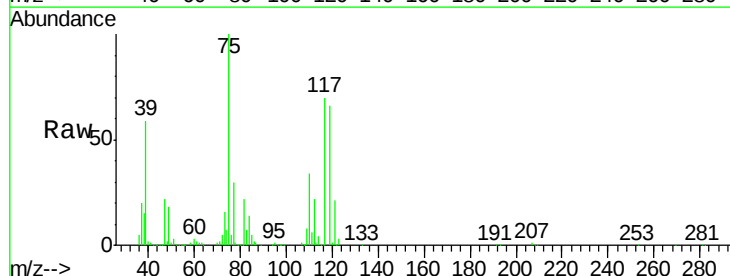
RT: 5.77 min Scan# 768

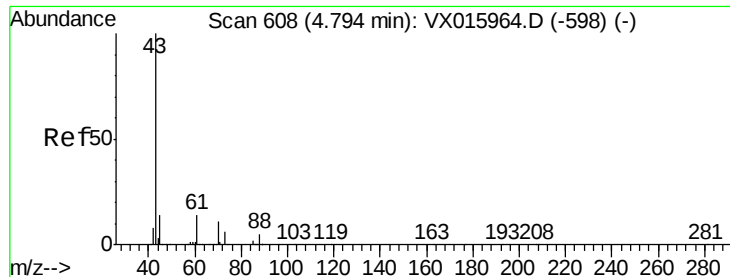
Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 233774 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.5  | 17.9  | 53.7   |
| 77        | 31.3  | 25.2  | 37.8   |





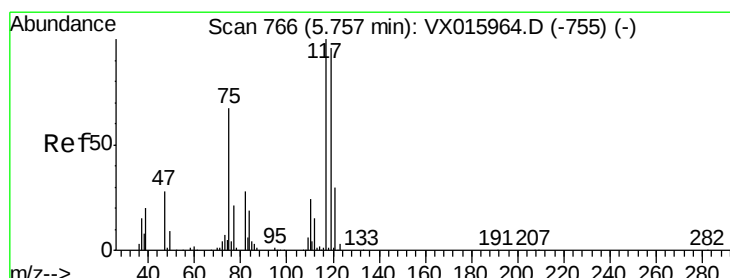
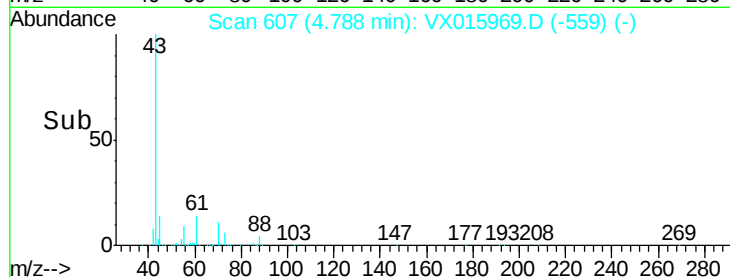
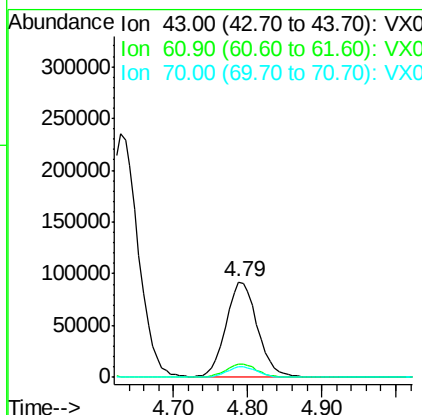
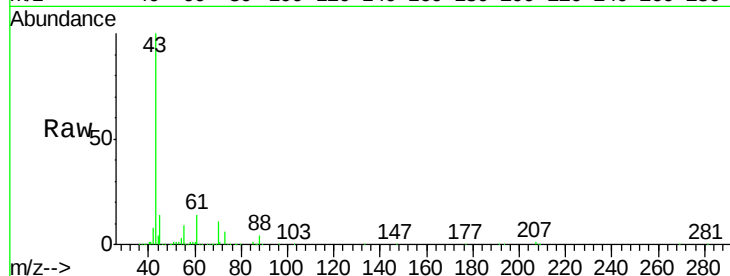
#37  
Ethyl Acetate  
Concen: 55.985 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 271301 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.8  | 11.6  | 17.4   |
| 70       | 11.1  | 8.9   | 13.3   |

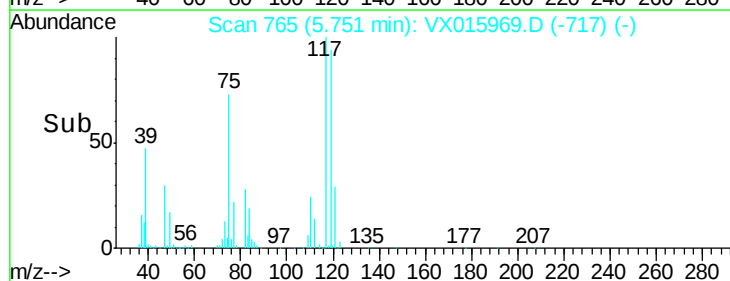
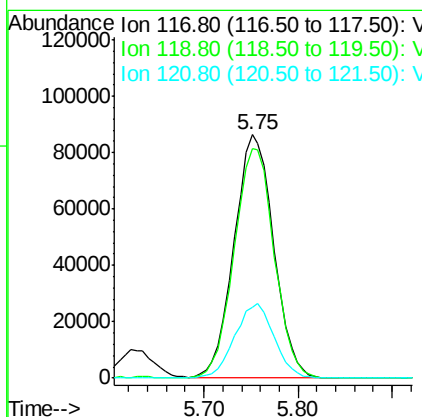
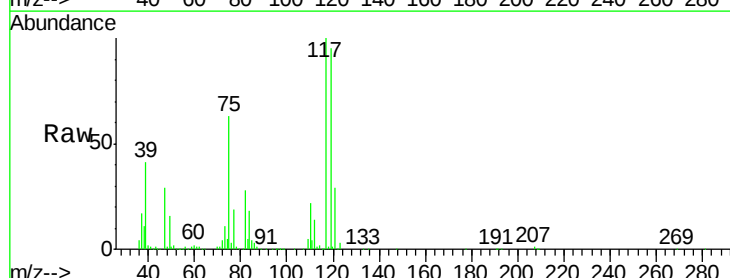
Manual Integrations  
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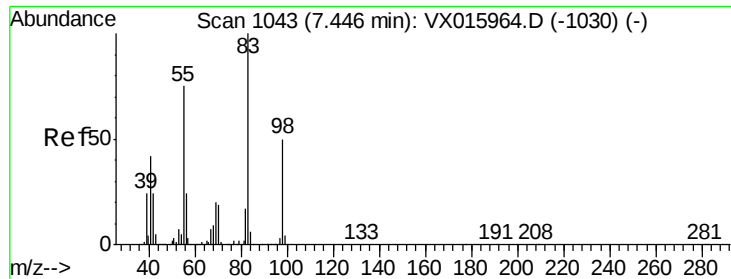
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 56.768 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 253402 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.5  | 76.2  | 114.4  |
| 121      | 29.0  | 24.2  | 36.4   |





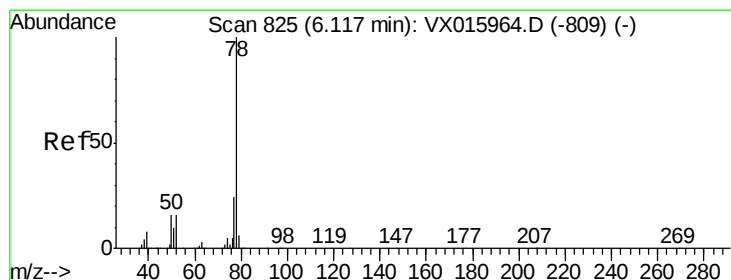
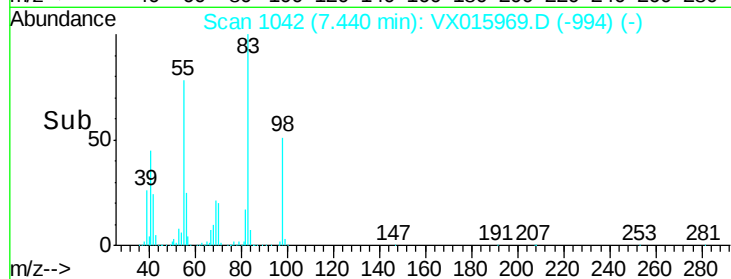
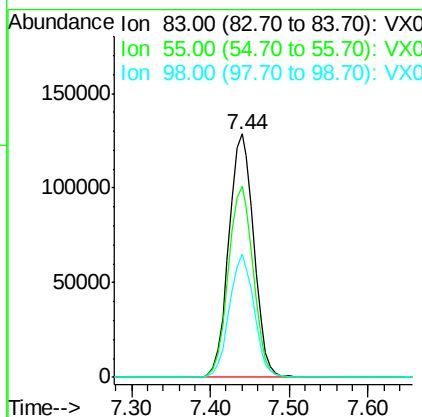
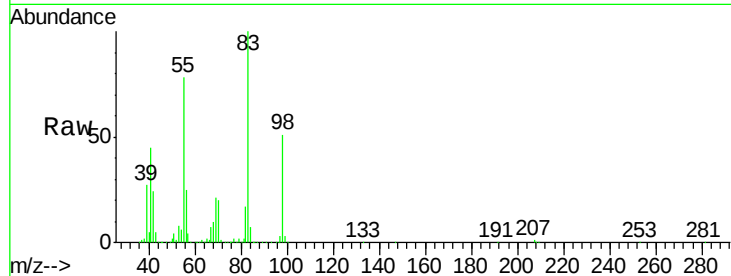
#39  
Methylvlcyclohexane  
Concen: 58.075 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 283894 |       |       |
| 55      | 78.3  | 59.9   | 89.9  |       |
| 98      | 50.7  | 39.9   | 59.9  |       |

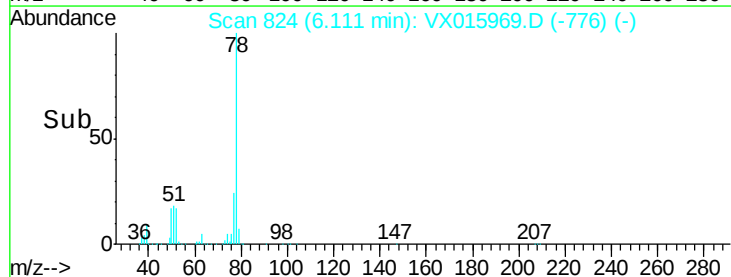
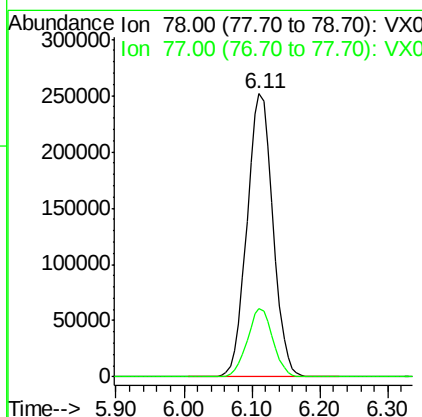
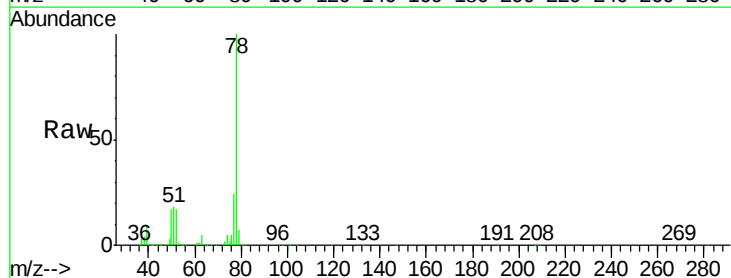
Manual Integrations  
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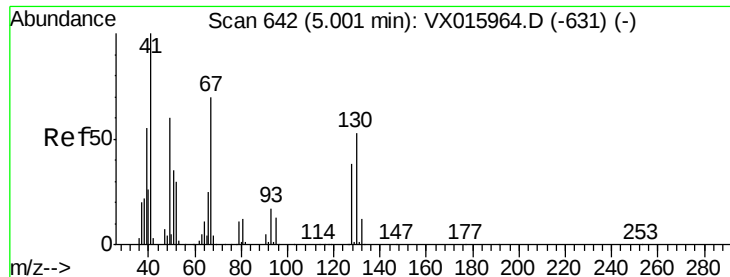
MMDadoda  
4/30/2020 2:11:41 PM



#40  
Benzene  
Concen: 55.444 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 668565 |       |       |
| 77      | 23.9  | 18.8   | 28.2  |       |





#41

Methacrylonitrile

Concen: 56.835 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 147426

Ion Ratio Lower Upper

41 100

39 56.5 45.2 67.8

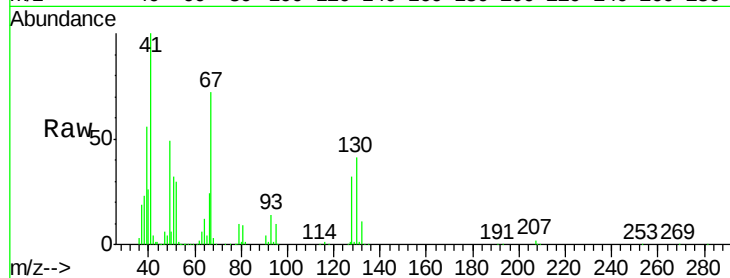
67 71.7 59.4 89.2

52 30.3 25.4 38.0

Manual Integrations  
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MMDadoda

4/30/2020 2:11:41 PM

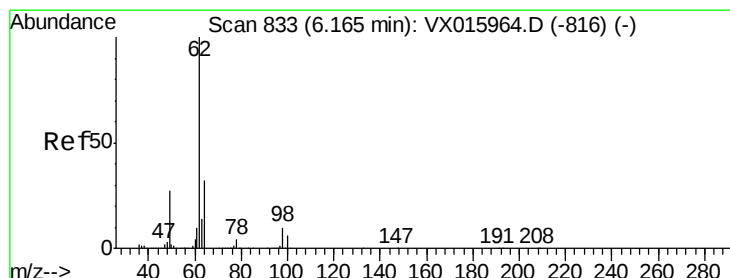
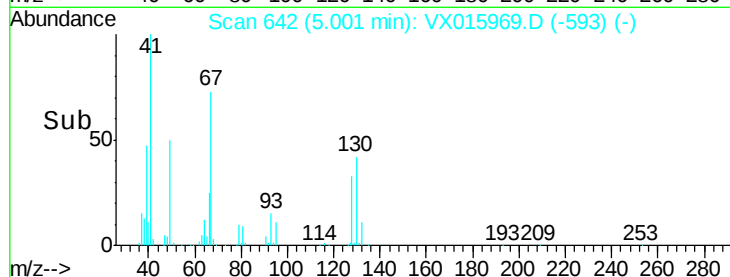
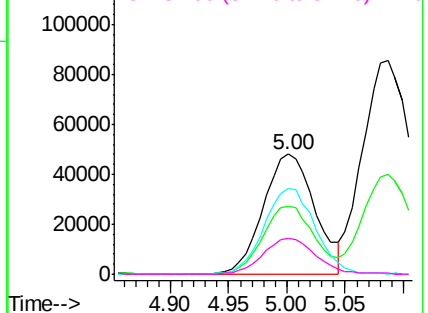


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.510 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX015969.D

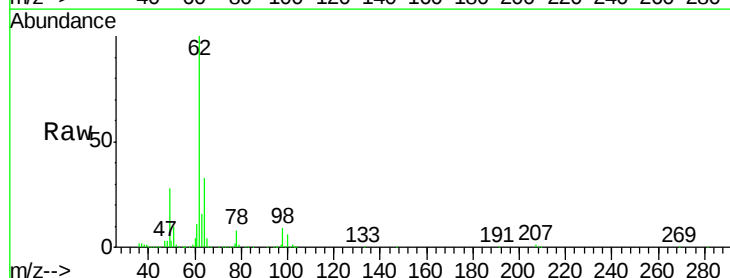
Acq: 29 Apr 2020 11:52

Tgt Ion: 62 Resp: 259353

Ion Ratio Lower Upper

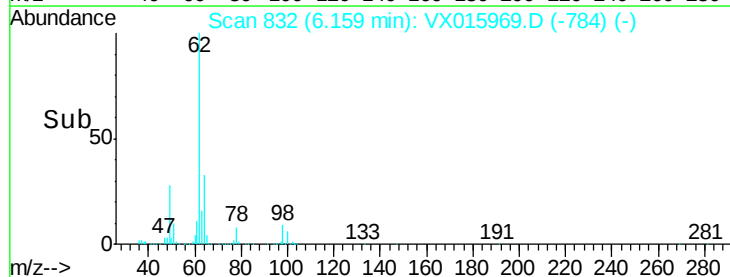
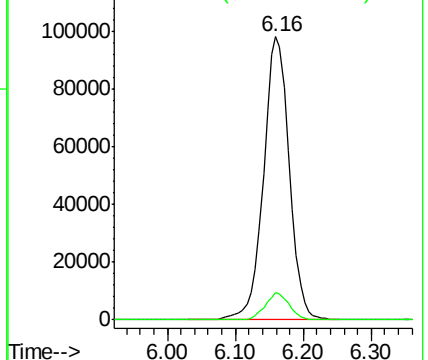
62 100

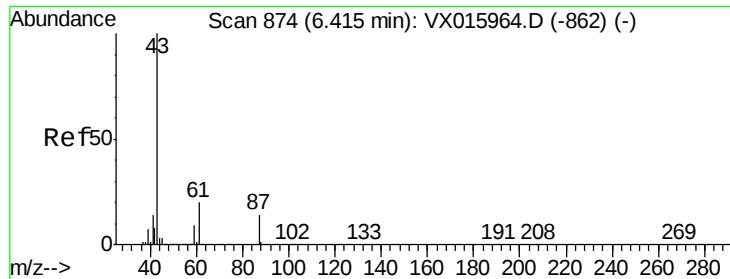
98 8.9 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





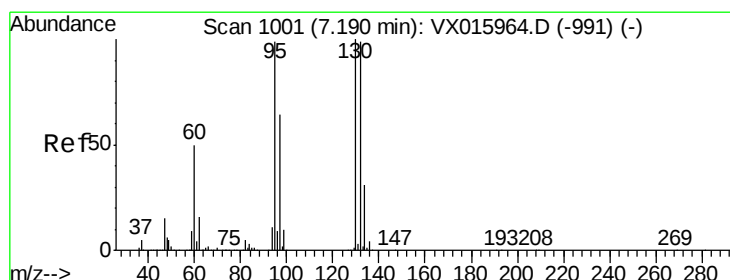
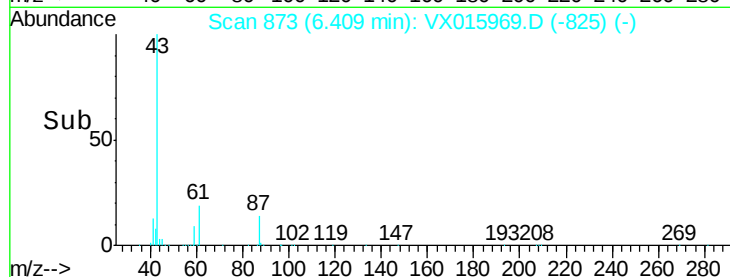
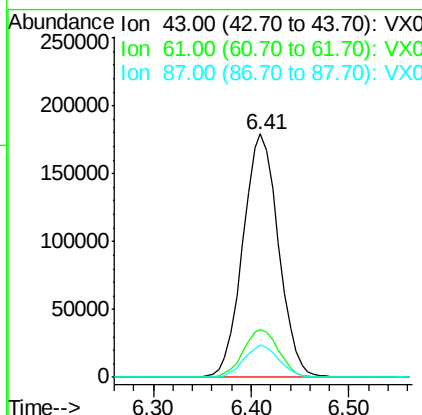
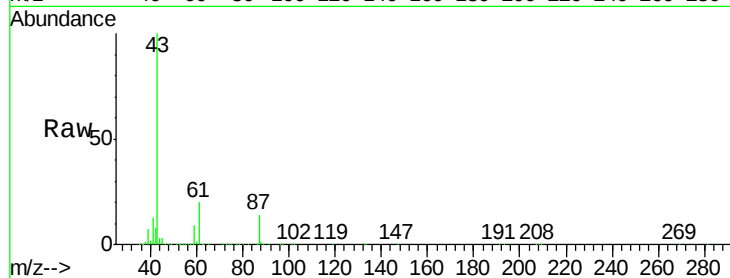
#43  
Isopropyl Acetate  
Concen: 56.106 ug/l  
RT: 6.41 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.7  | 16.1  | 24.1  |
| 87      | 13.2  | 10.9  | 16.3  |

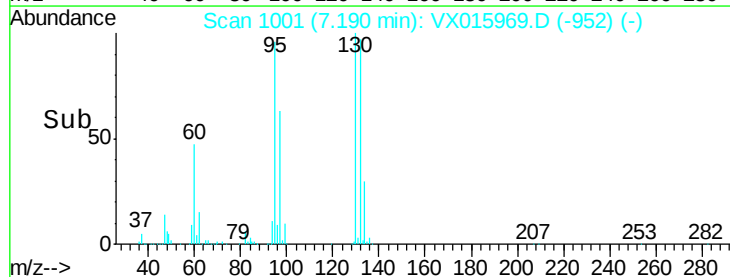
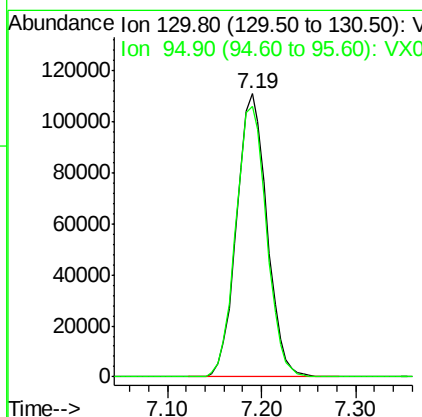
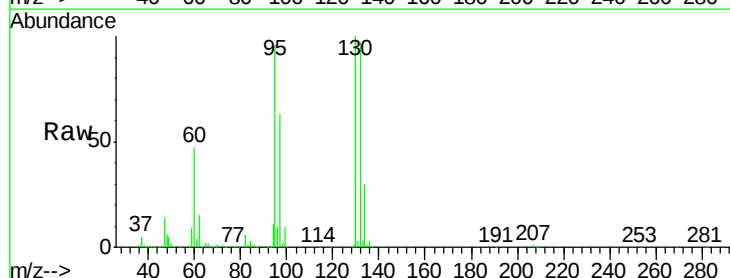
Manual Integrations  
APPROVED

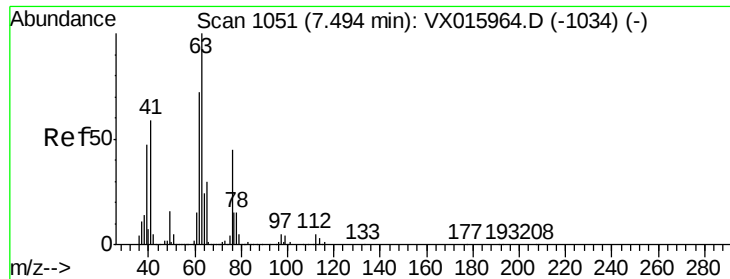
MMDadoda  
4/30/2020 2:11:41 PM



#44  
Trichloroethene  
Concen: 57.137 ug/l  
RT: 7.19 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.7  | 0.0   | 197.4 |





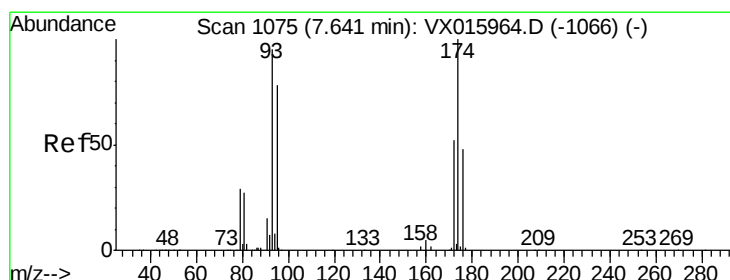
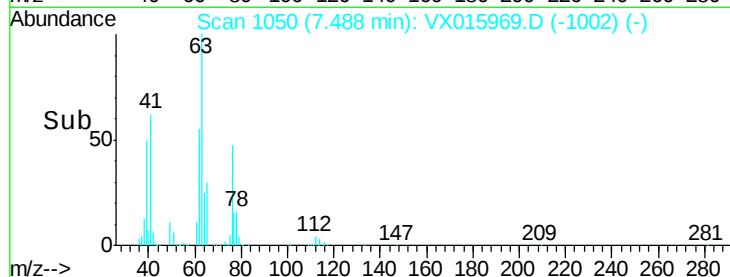
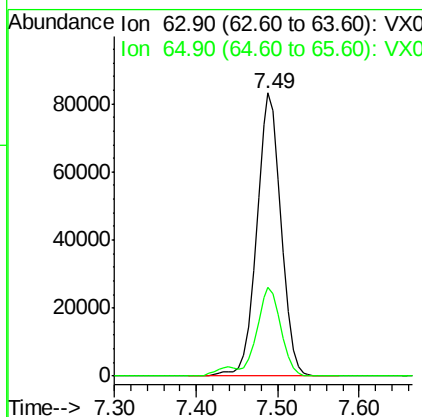
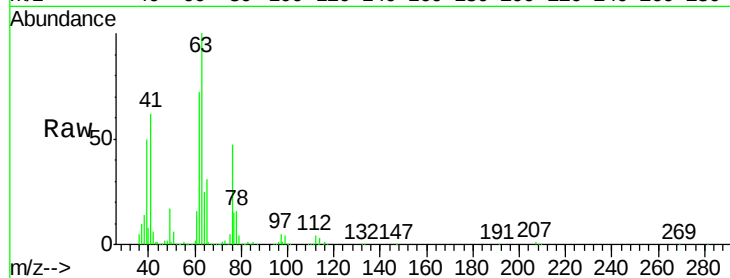
#45  
 1,2-Dichloropropane  
 Concen: 55.520 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.5  | 24.3  | 36.5  |

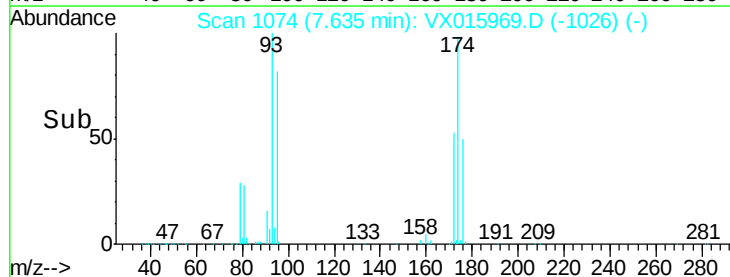
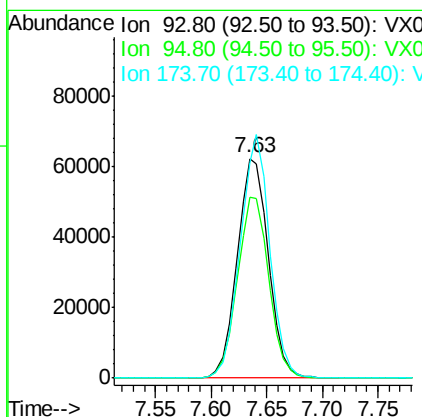
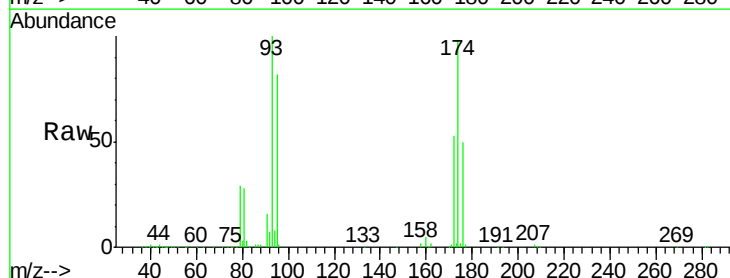
Manual Integrations  
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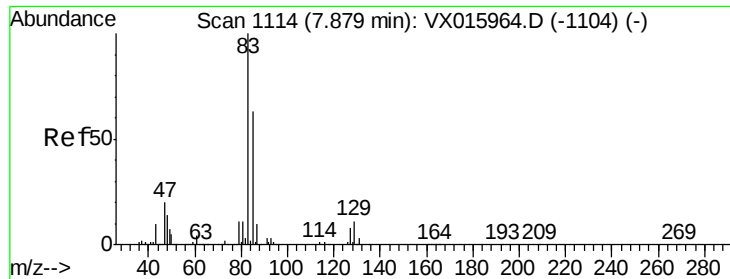
MMDadoda  
 4/30/2020 2:11:41 PM



#46  
 Dibromomethane  
 Concen: 54.649 ug/l  
 RT: 7.63 min Scan# 1074  
 Delta R.T. -0.01 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.3  | 65.5  | 98.3  |
| 174     | 105.3 | 82.7  | 124.1 |





#47

Bromodichloromethane

Concen: 57.828 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

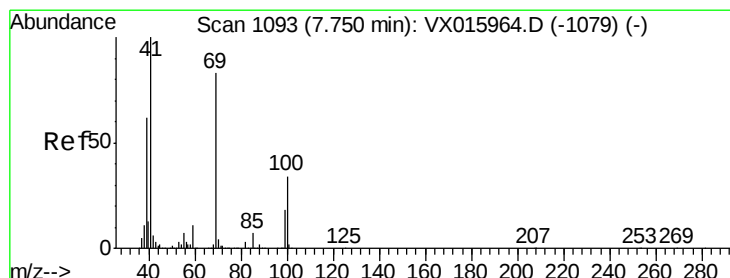
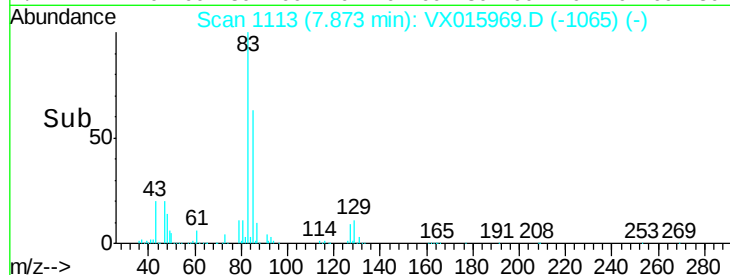
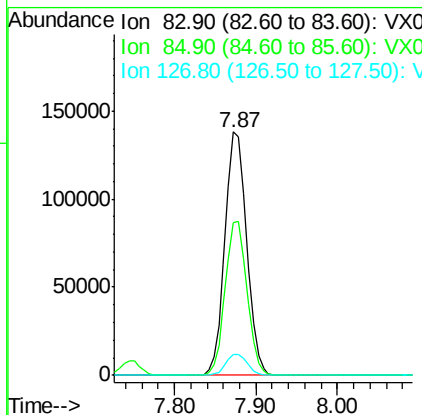
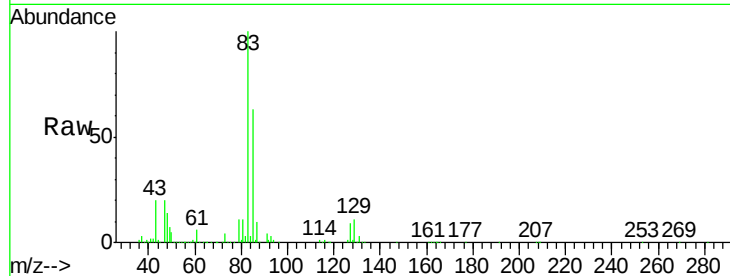
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 254468 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.7  | 50.6  | 75.8   |
| 127      | 8.7   | 6.7   | 10.1   |

Manual Integrations  
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4/30/2020 2:11:41 PM



#48

Methyl methacrylate

Concen: 57.126 ug/l

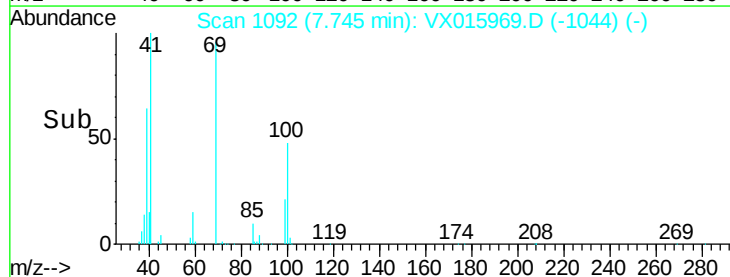
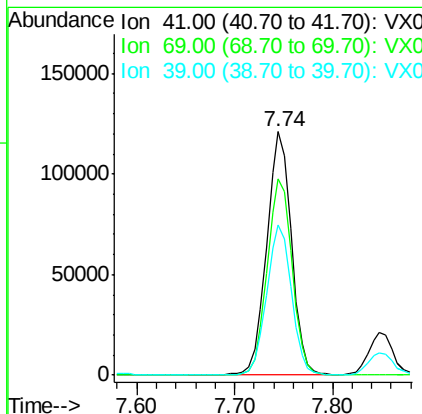
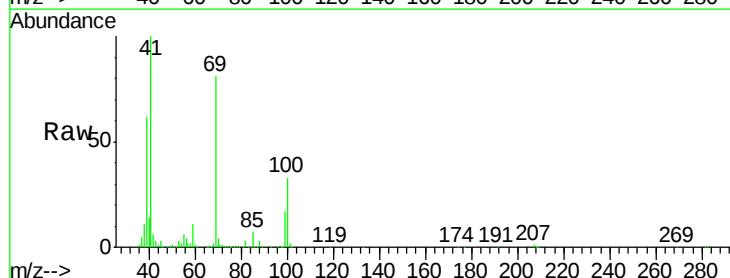
RT: 7.74 min Scan# 1092

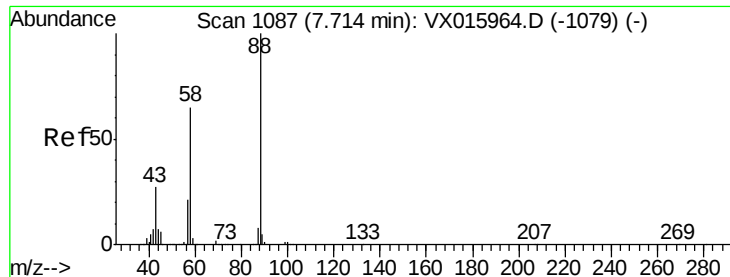
Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 211651 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 81.8  | 66.0  | 99.0   |
| 39       | 62.0  | 49.0  | 73.4   |





#49

1,4-Dioxane

Concen: 1058.682 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

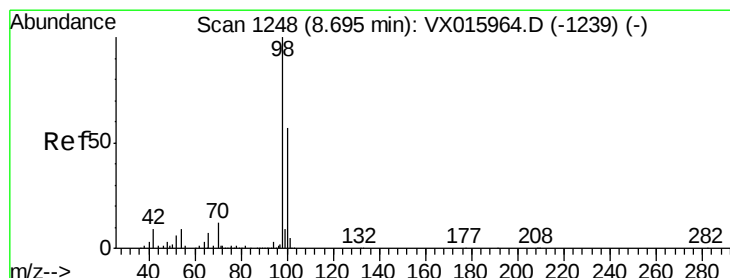
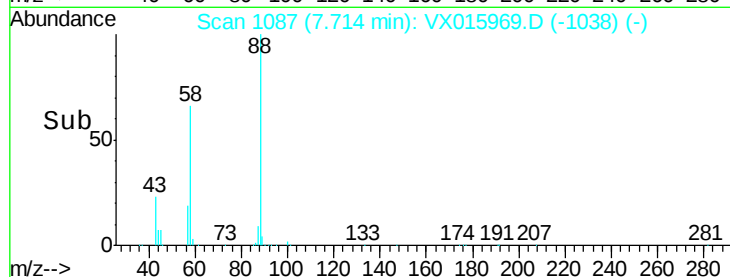
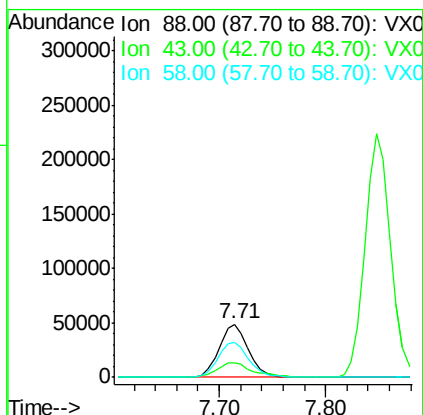
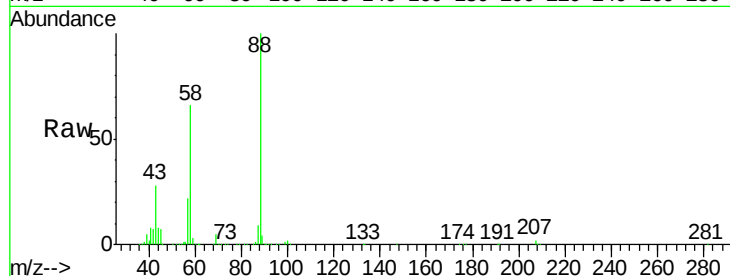
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 92275 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 33.8  | 26.6  | 39.8  |
| 58       | 70.6  | 54.8  | 82.2  |

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#50

Toluene-d8

Concen: 49.190 ug/l

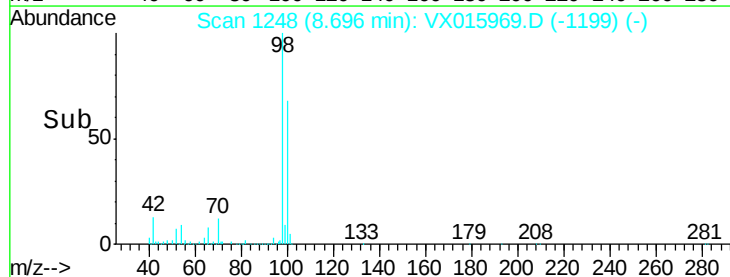
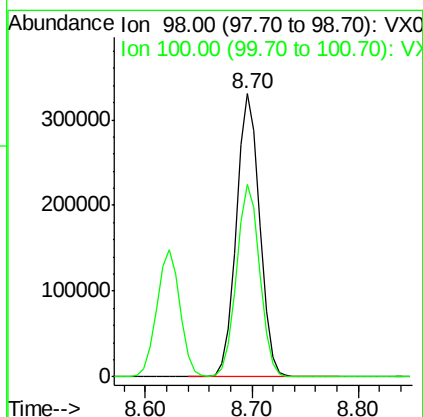
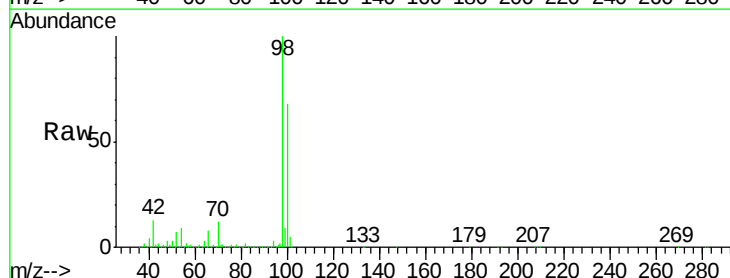
RT: 8.70 min Scan# 1248

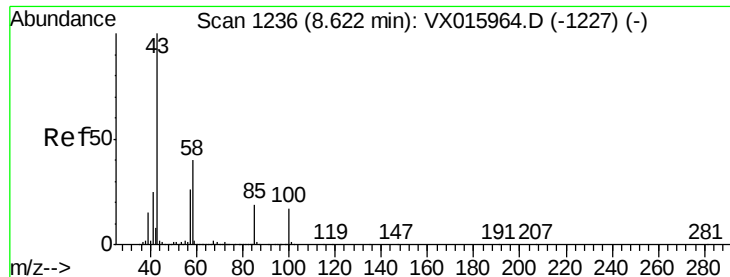
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 509067 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 67.6  | 53.1  | 79.7   |





#51

4-Methyl-2-Pentanone

Concen: 280.426 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1364973

Ion Ratio Lower Upper

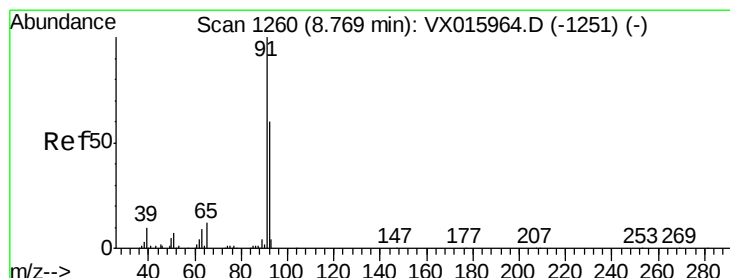
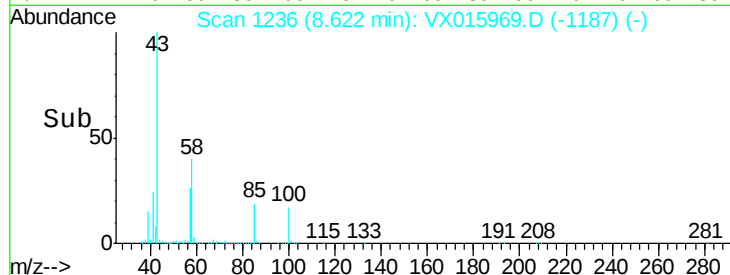
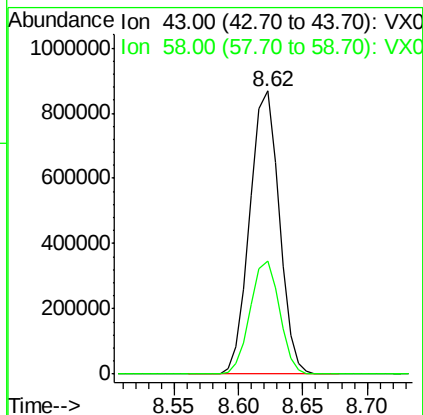
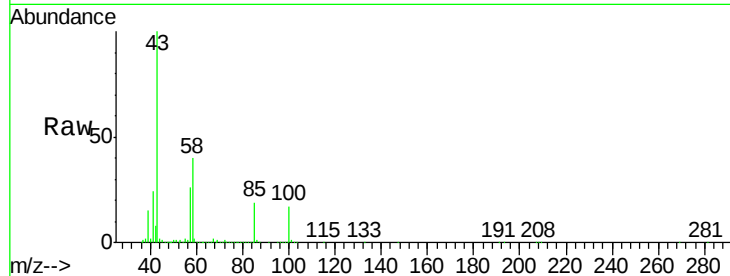
43 100

58 39.9 32.0 48.0

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#52

Toluene

Concen: 56.673 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015969.D

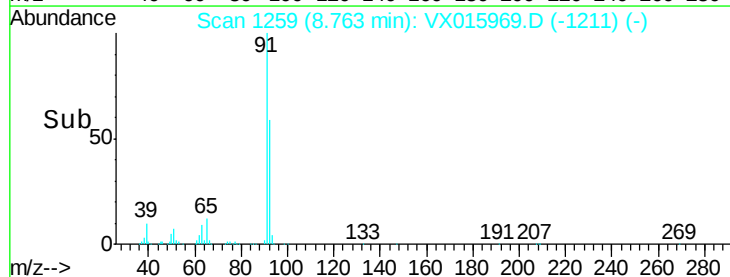
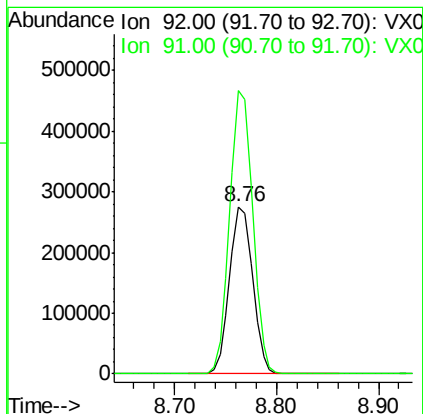
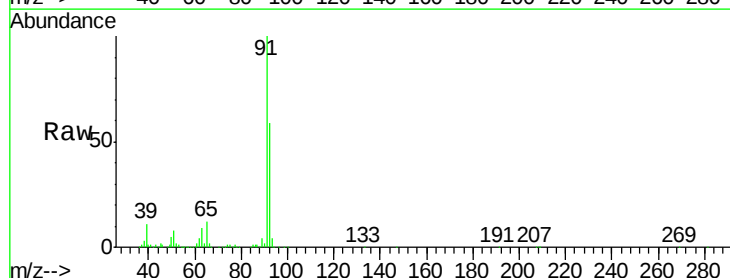
Acq: 29 Apr 2020 11:52

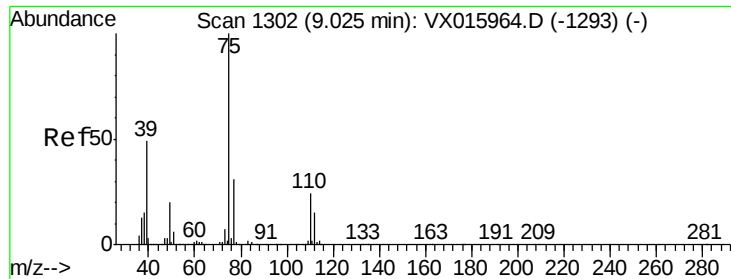
Tgt Ion: 92 Resp: 433783

Ion Ratio Lower Upper

92 100

91 167.9 134.6 202.0





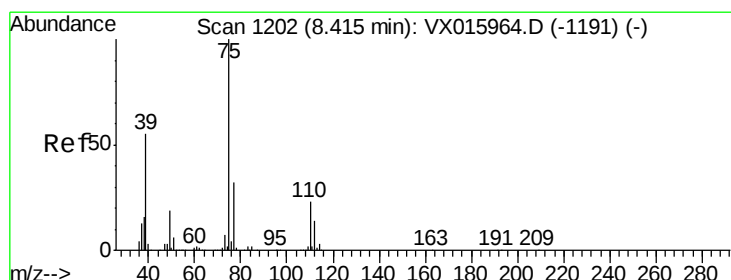
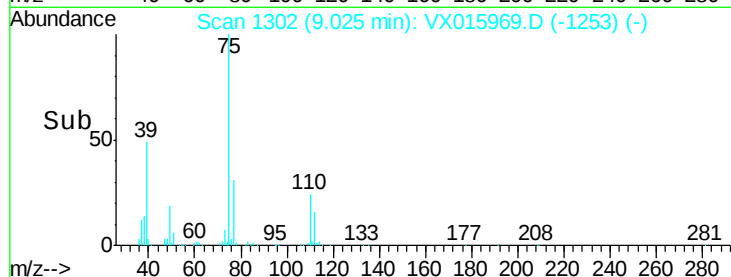
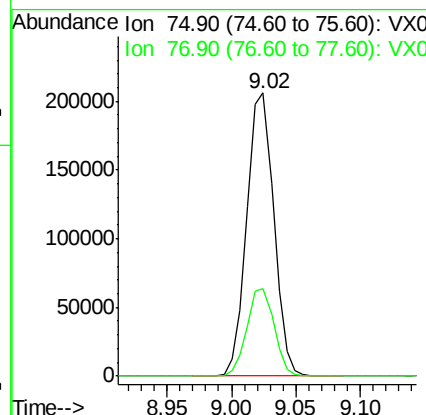
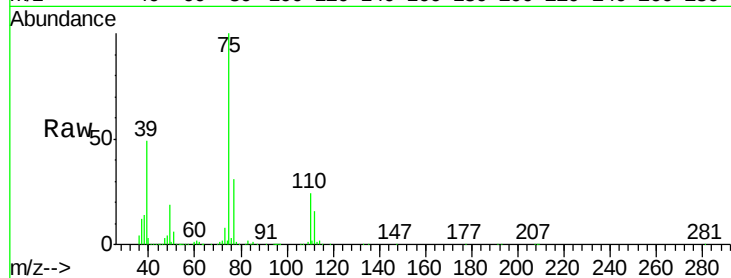
#53  
t-1,3-Dichloropropene  
Concen: 57.211 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 24.9  | 37.3  |

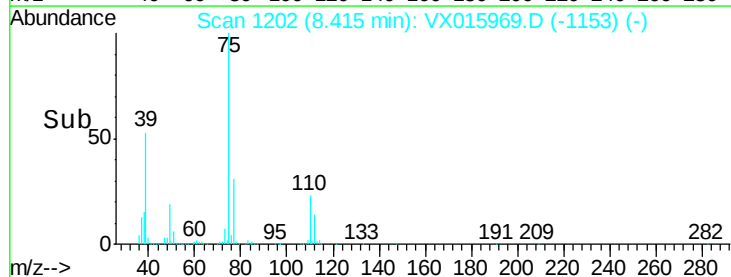
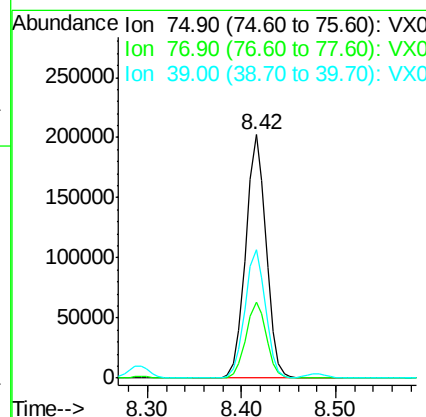
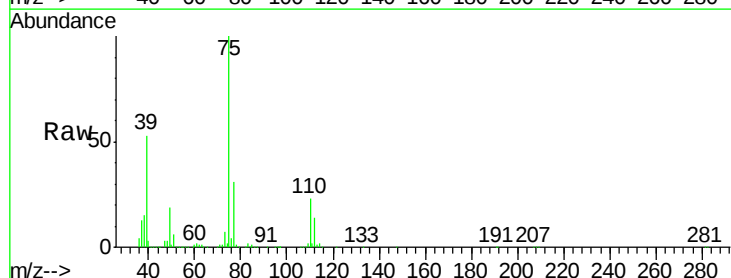
Manual Integrations  
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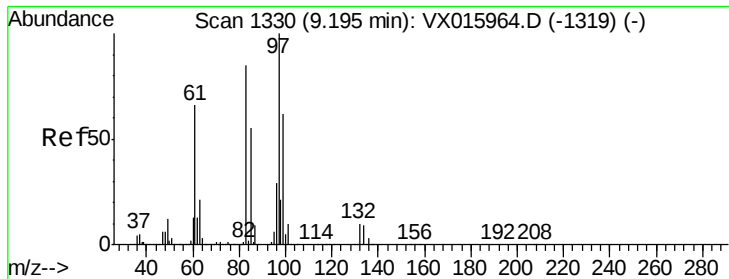
MMDadoda  
4/30/2020 2:11:41 PM



#54  
cis-1,3-Dichloropropene  
Concen: 56.787 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 25.4  | 38.0  |
| 39      | 52.5  | 44.1  | 66.1  |





#55

1,1,2-Trichloroethane

Concen: 56.001 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

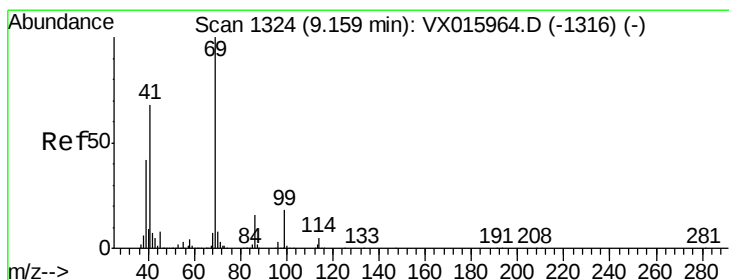
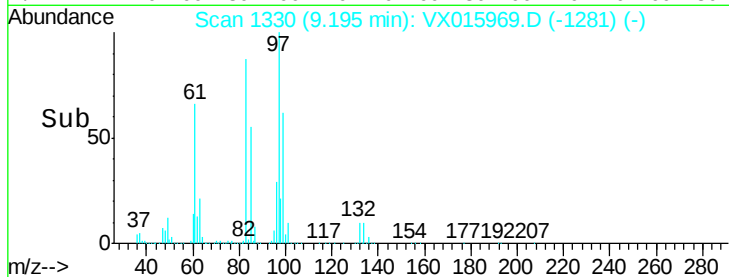
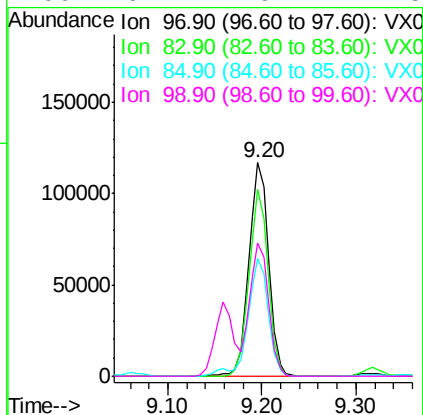
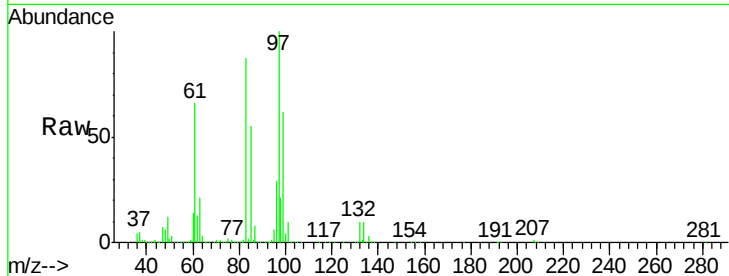
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 171297 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.4  | 68.2  | 102.2  |
| 85       | 55.1  | 43.7  | 65.5   |
| 99       | 62.4  | 49.7  | 74.5   |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 57.704 ug/l

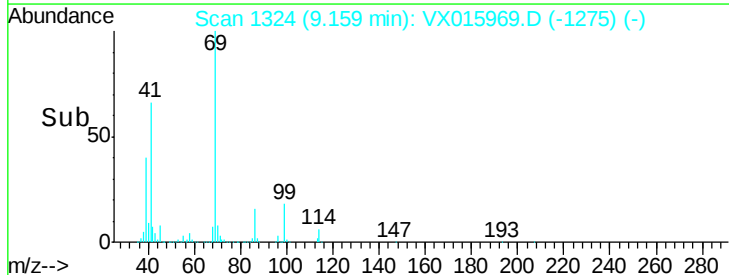
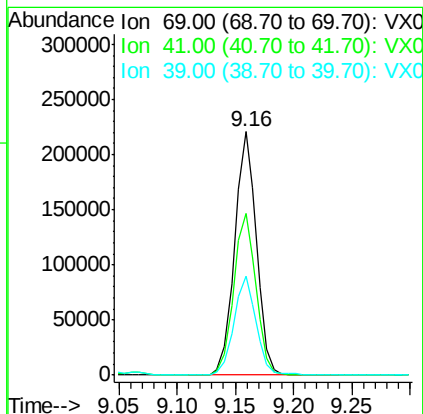
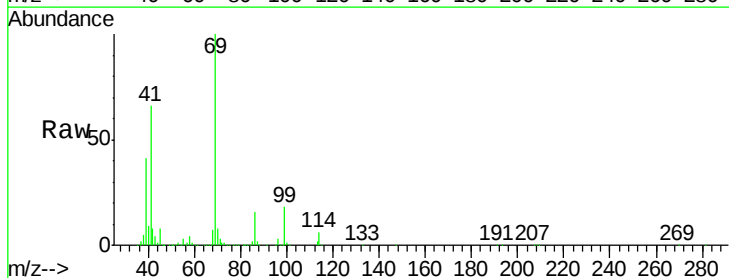
RT: 9.16 min Scan# 1324

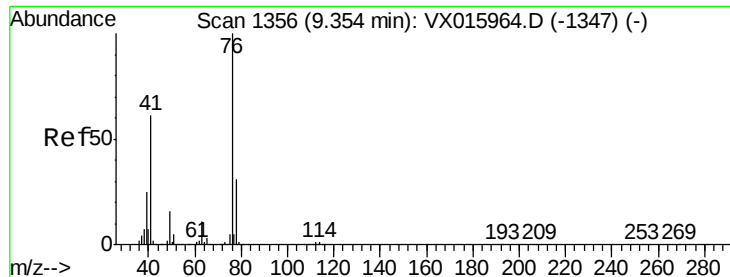
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 287007 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.6  | 53.5  | 80.3   |
| 39       | 41.3  | 33.4  | 50.0   |





#57

1,3-Dichloropropane

Concen: 55.881 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 293689

Ion Ratio Lower Upper

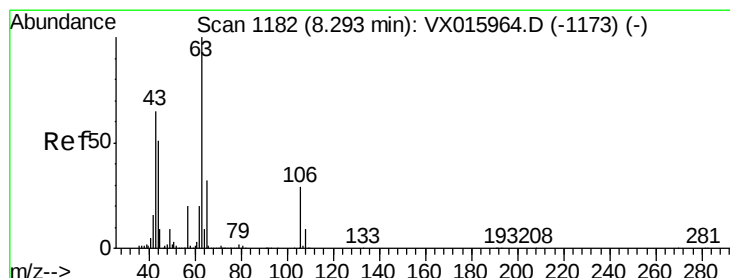
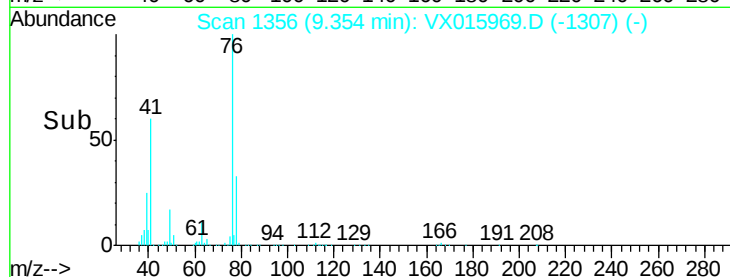
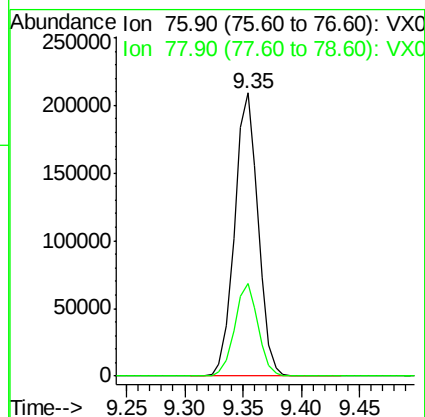
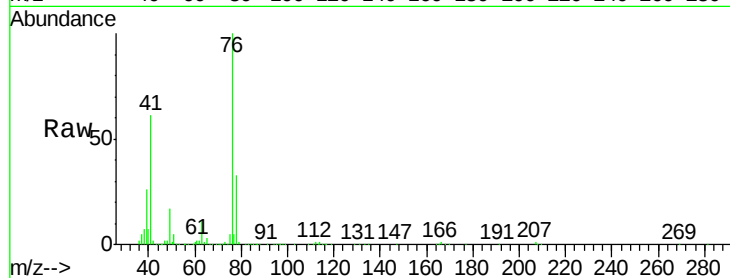
76 100

78 32.4 25.5 38.3

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 266.631 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015969.D

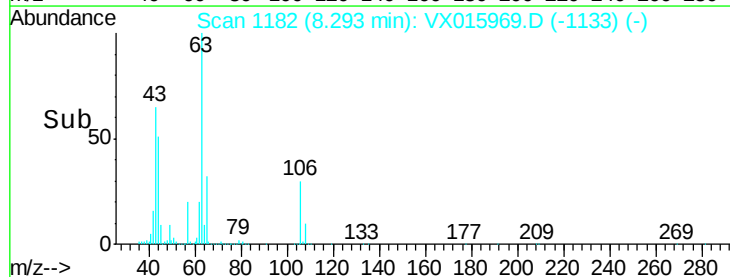
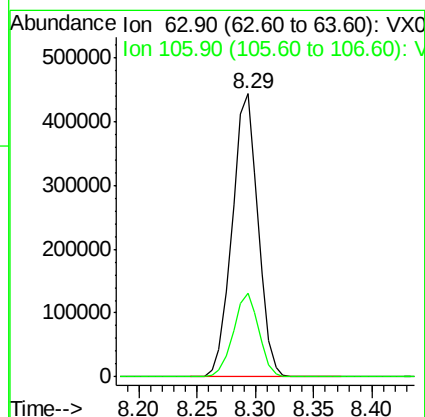
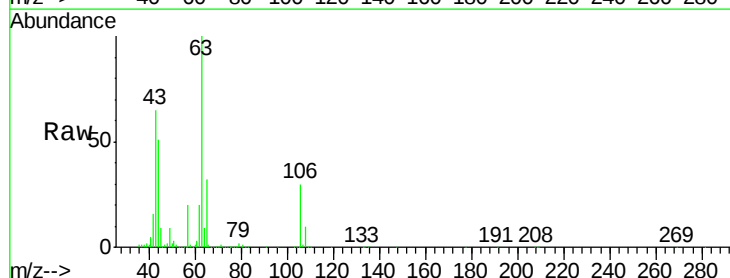
Acq: 29 Apr 2020 11:52

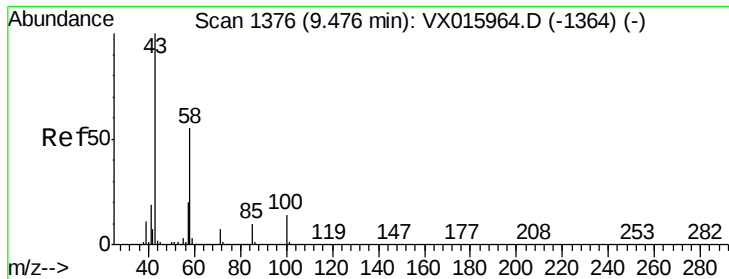
Tgt Ion: 63 Resp: 685310

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





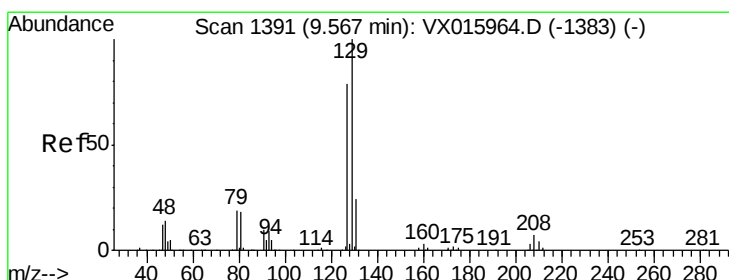
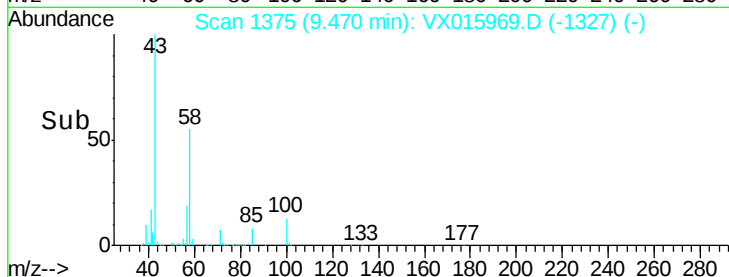
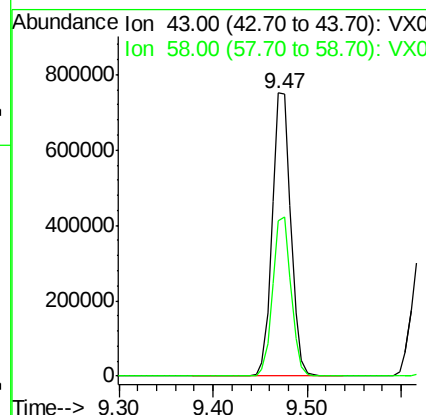
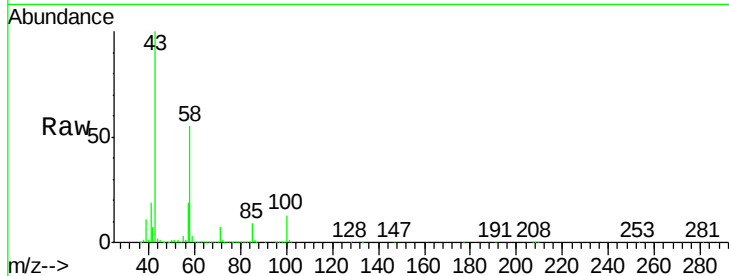
#59  
2-Hexanone  
Concen: 274.416 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1043872  
Ion Ratio Lower Upper  
43 100  
58 55.5 27.7 83.1

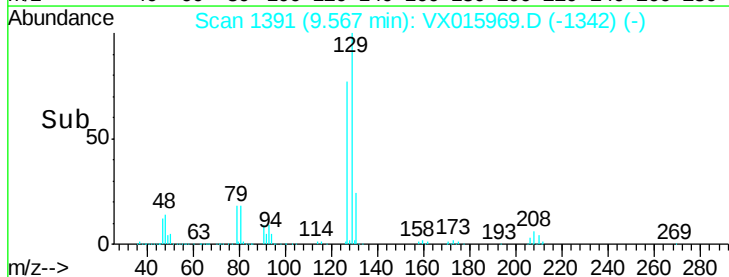
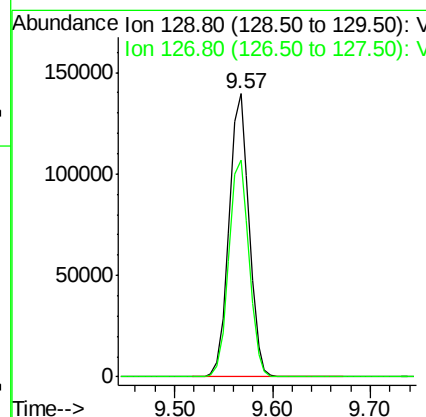
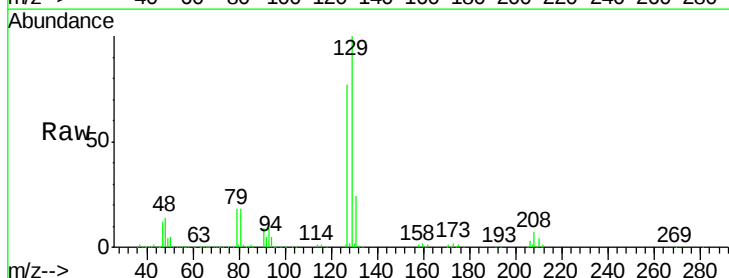
Manual Integrations  
APPROVED

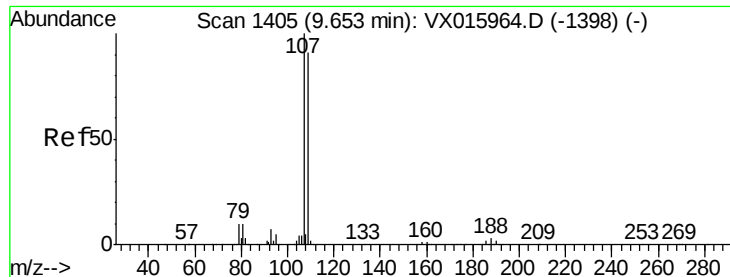
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 57.801 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Tgt Ion: 129 Resp: 197891  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.4 118.1





#61

1,2-Dibromoethane

Concen: 56.516 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 187460

Ion Ratio Lower Upper

107 100

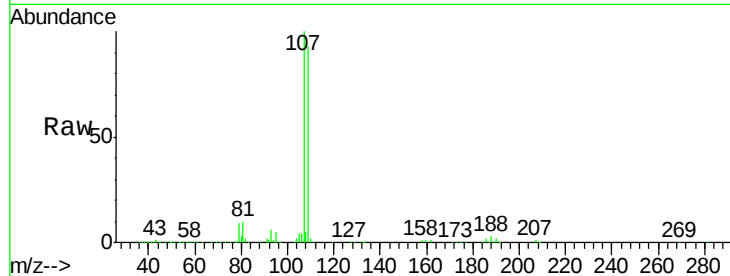
109 94.1 74.9 112.3

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

9.65

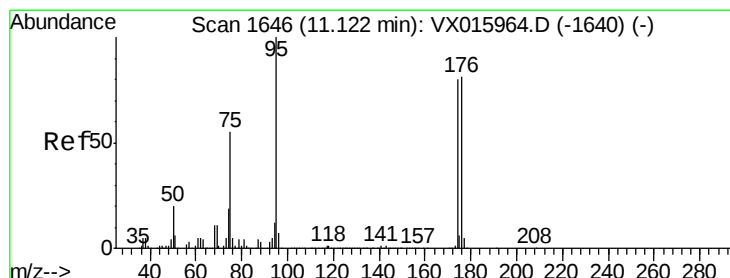
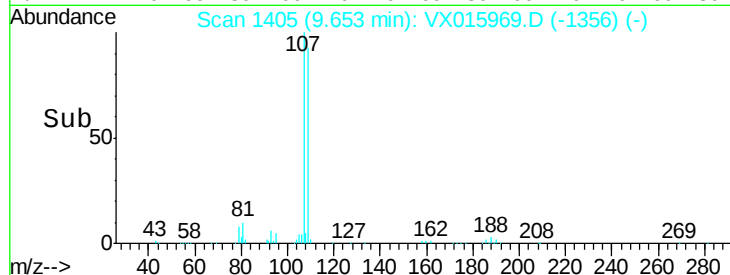
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.896 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

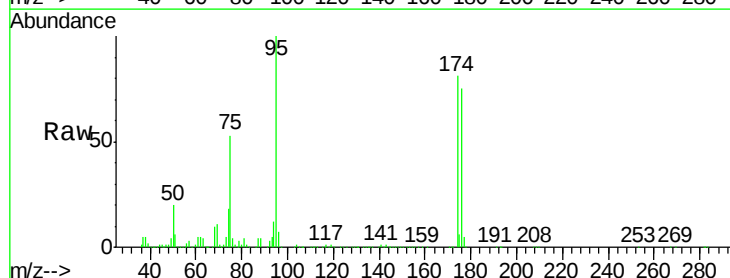
Tgt Ion: 95 Resp: 202528

Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.0

176 78.7 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

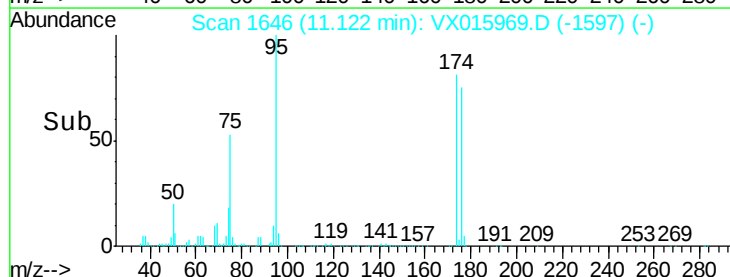
150000

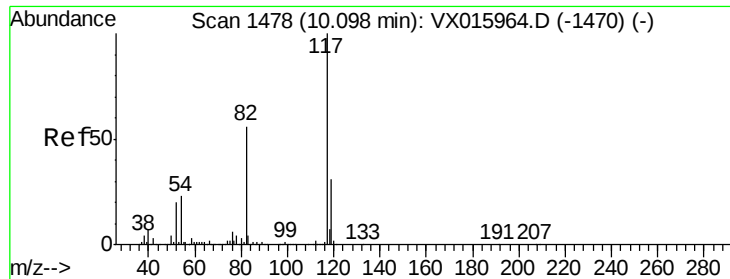
100000

50000

0

Time-->





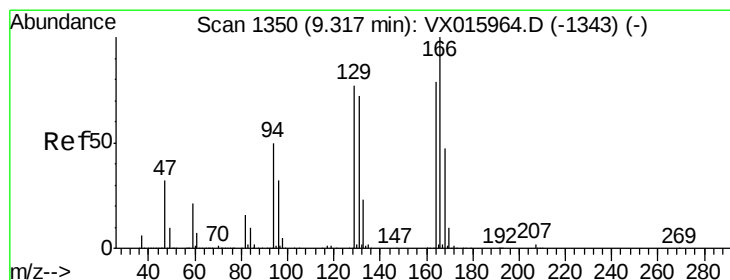
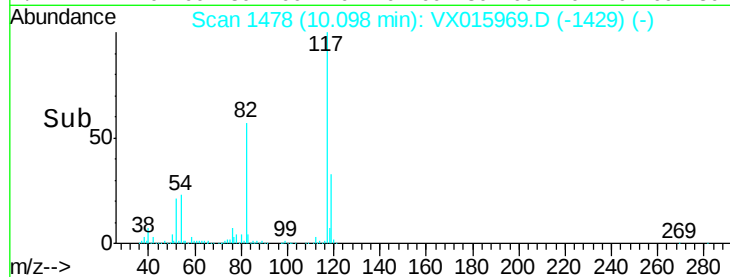
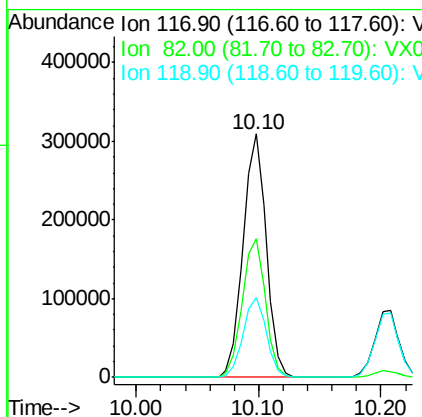
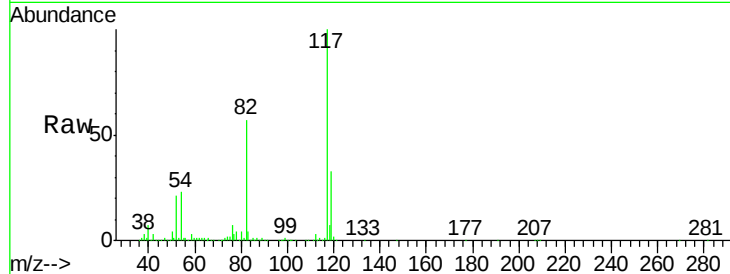
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 404174 |       |       |
| 82      | 57.1  | 44.5   | 66.7  |       |
| 119     | 32.8  | 25.0   | 37.6  |       |

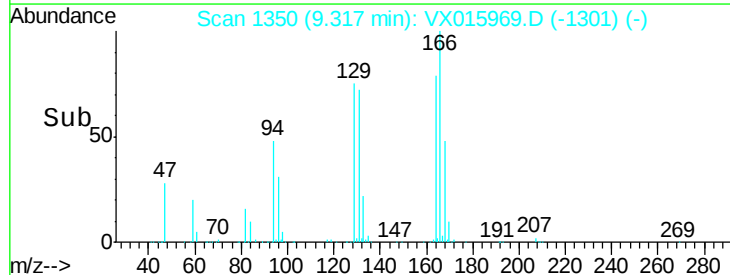
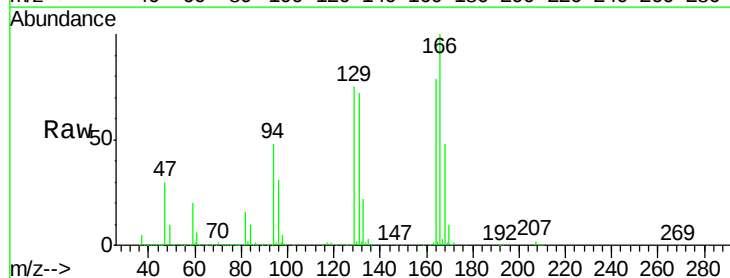
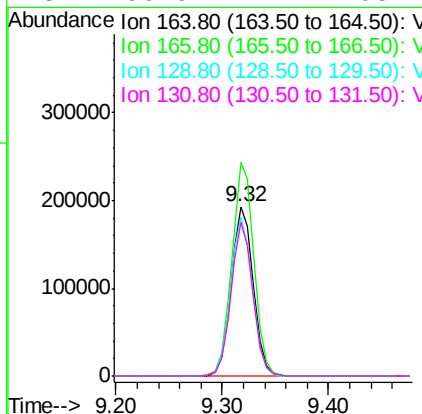
Manual Integrations  
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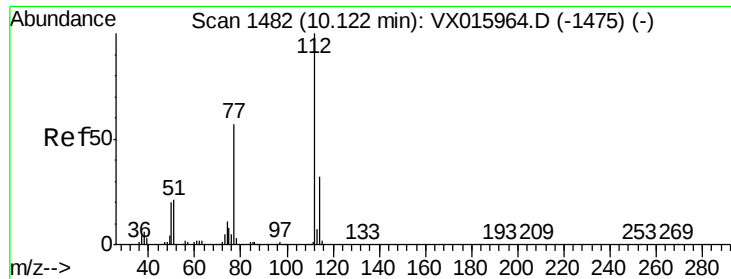
MMDadoda  
4/30/2020 2:11:41 PM



#64  
Tetrachloroethene  
Concen: 58.022 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 278200 |       |       |
| 166     | 126.3 | 101.0  | 151.4 |       |
| 129     | 94.2  | 77.4   | 116.0 |       |
| 131     | 90.9  | 72.2   | 108.2 |       |





#65

Chlorobenzene

Concen: 57.033 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 469498

Ion Ratio Lower Upper

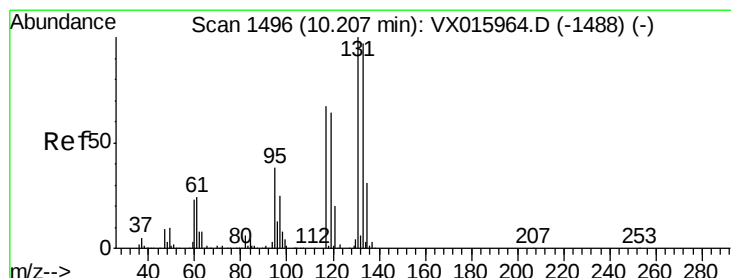
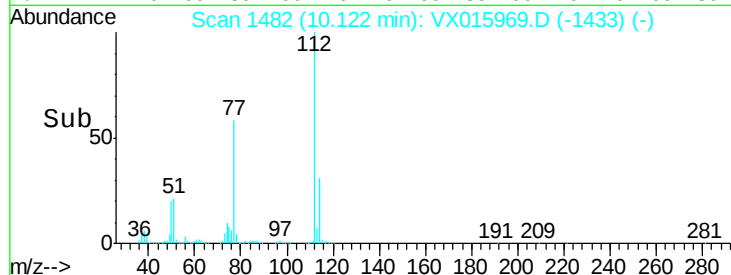
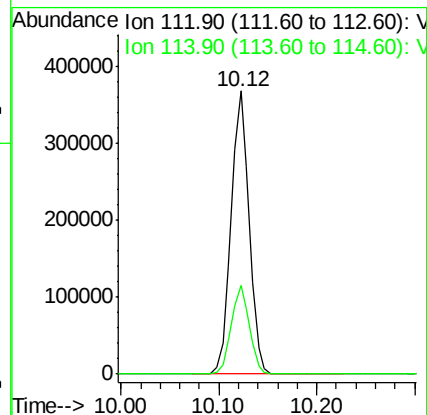
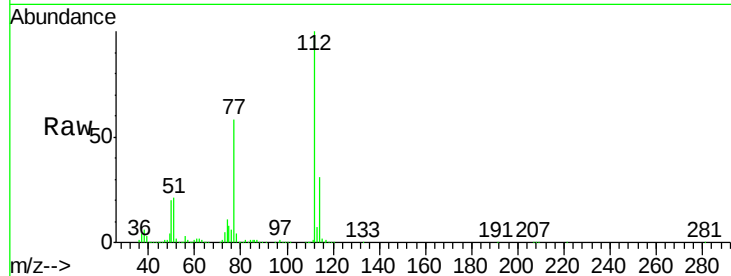
112 100

114 31.3 25.4 38.0

Manual Integrations  
APPROVED

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4/30/2020 2:11:41 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 57.881 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

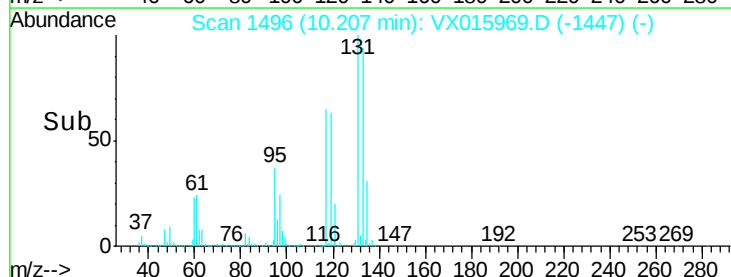
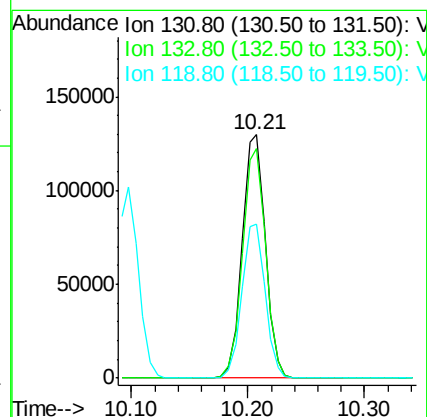
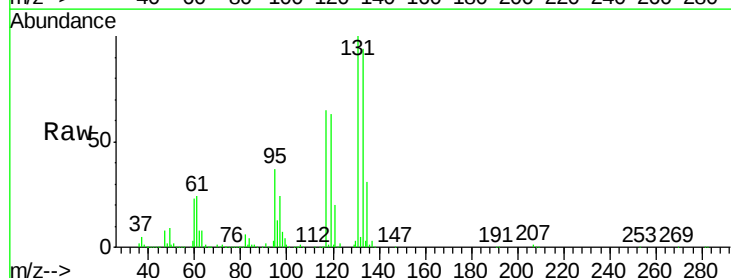
Tgt Ion:131 Resp: 180086

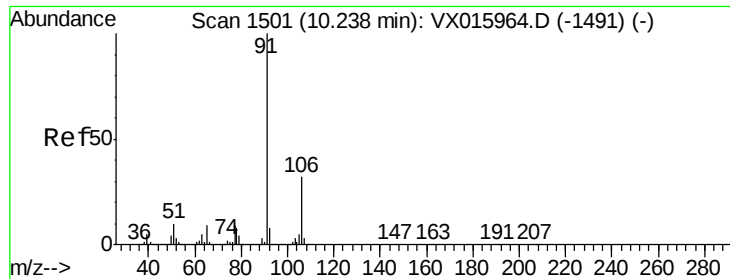
Ion Ratio Lower Upper

131 100

133 94.1 48.3 144.8

119 63.5 31.6 94.8





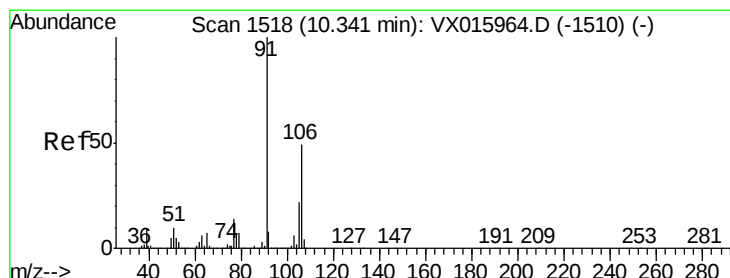
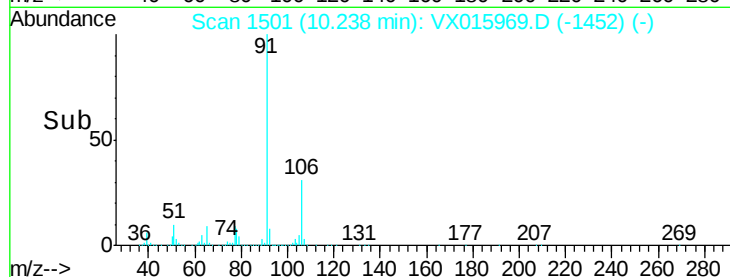
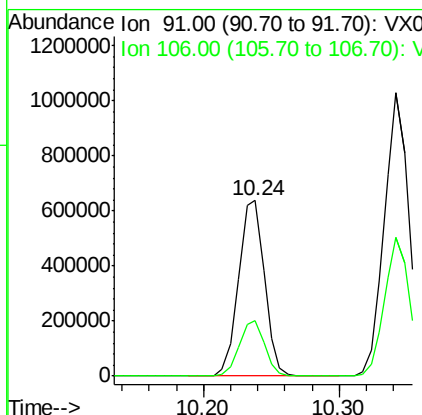
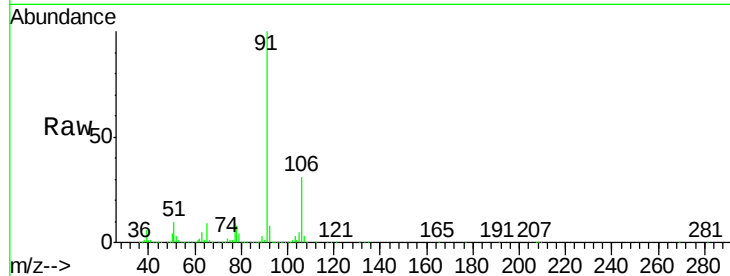
#67  
Ethyl Benzene  
Concen: 57.710 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 846023  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.3 37.9

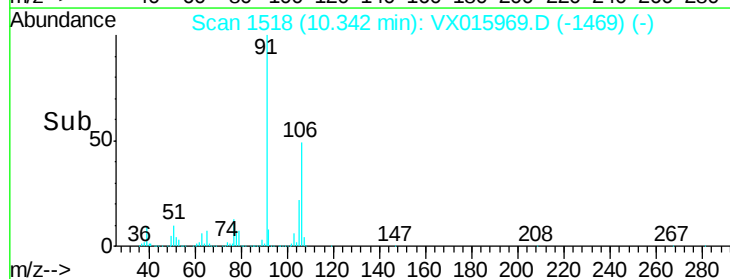
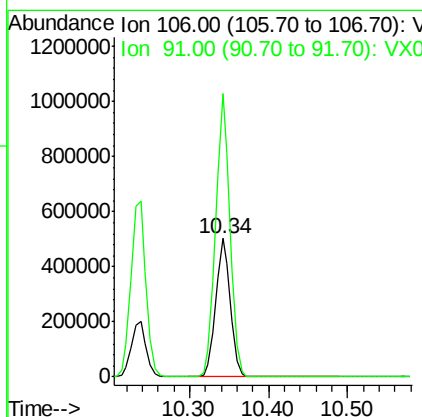
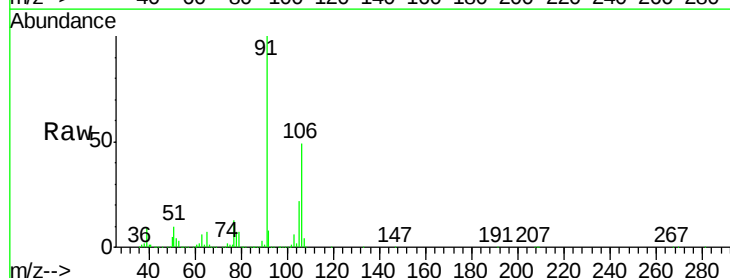
Manual Integrations  
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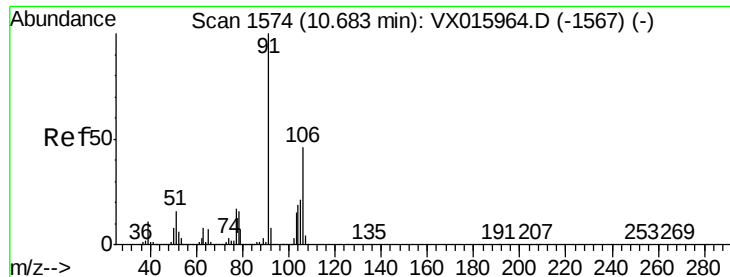
MMDadoda  
4/30/2020 2:11:41 PM



#68  
m/p-Xylenes  
Concen: 115.942 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Tgt Ion: 106 Resp: 644963  
Ion Ratio Lower Upper  
106 100  
91 202.1 161.6 242.4





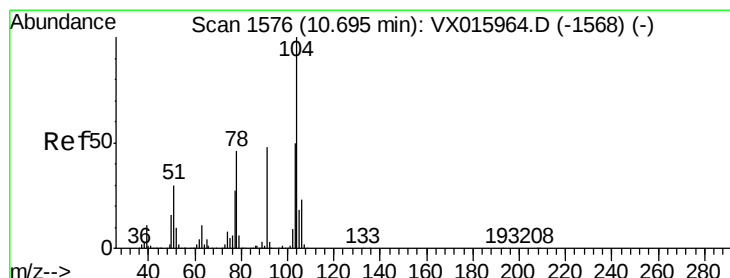
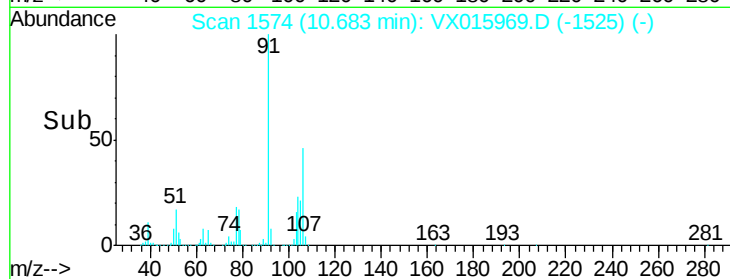
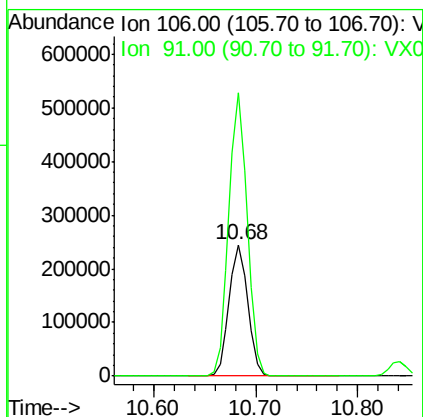
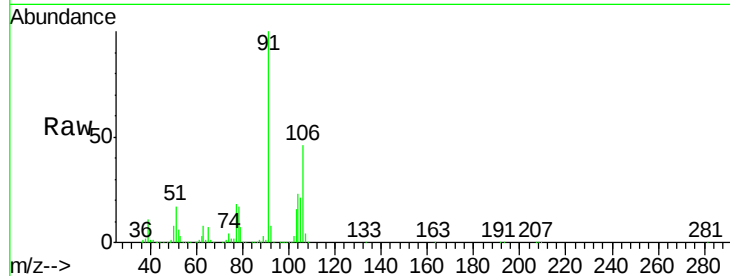
#69  
o-Xylene  
Concen: 58.841 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 212.1 | 106.1 | 318.3 |

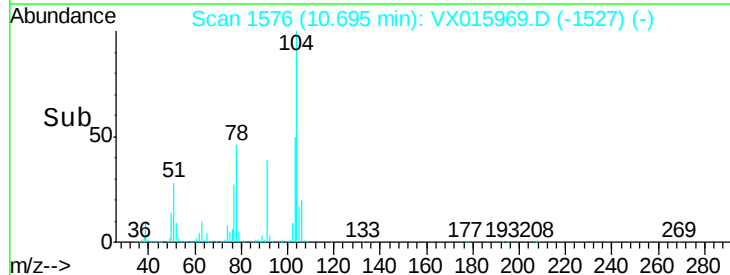
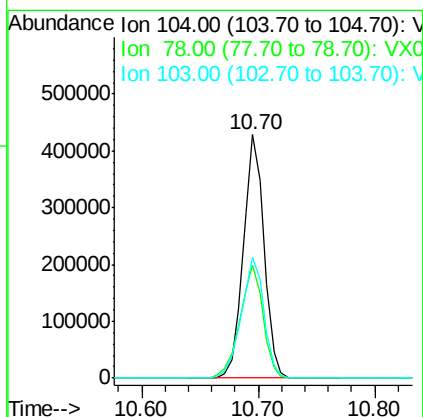
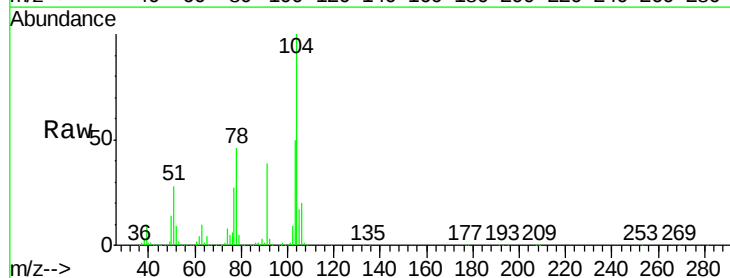
Manual Integrations  
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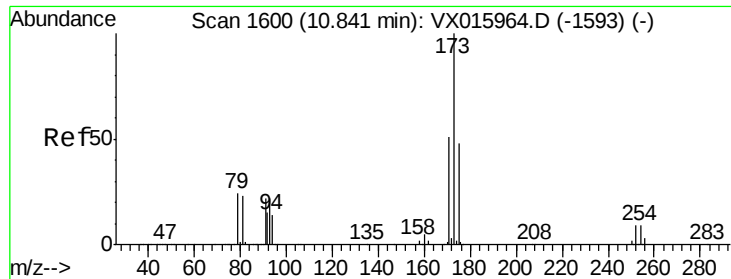
MMDadoda  
4/30/2020 2:11:41 PM



#70  
Styrene  
Concen: 58.668 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 51.5  | 41.0  | 61.4  |
| 103     | 54.4  | 43.4  | 65.2  |





#71

Bromoform

Concen: 53.682 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

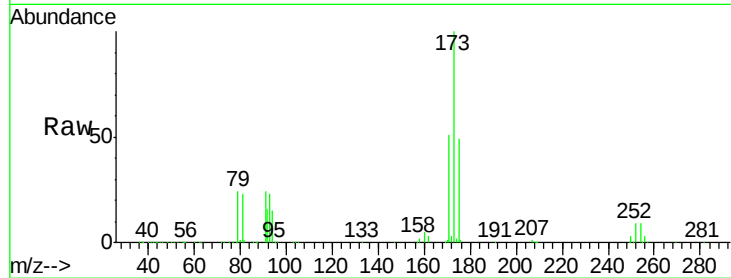
ClientSampleId :

VSTDCCC050

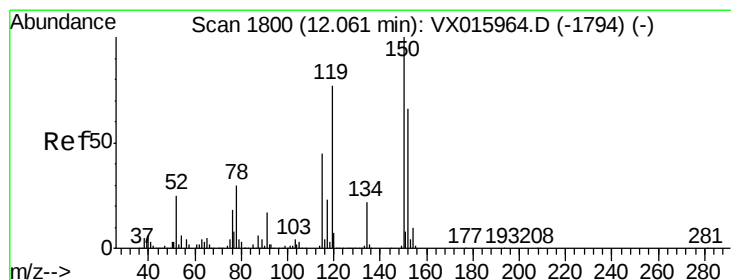
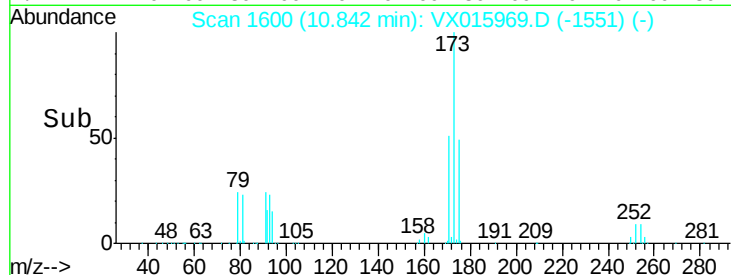
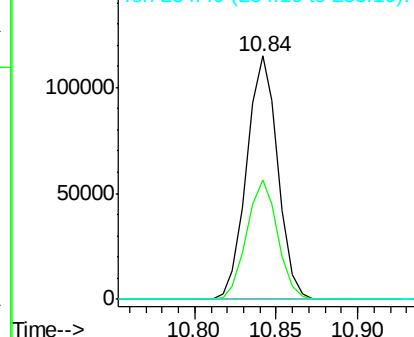
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 173     | 100   | 152660 |       |       |
| 175     | 48.7  | 24.1   | 72.4  |       |
| 254     | 0.2   | 0.1    | 0.1#  |       |

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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

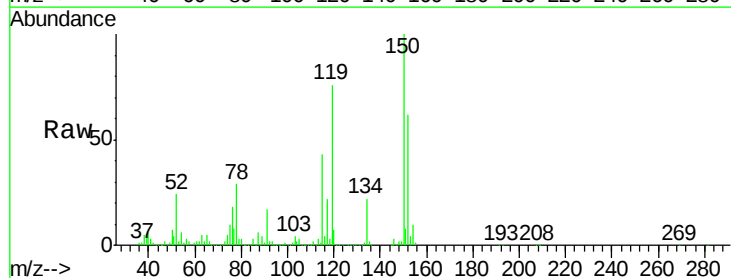
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

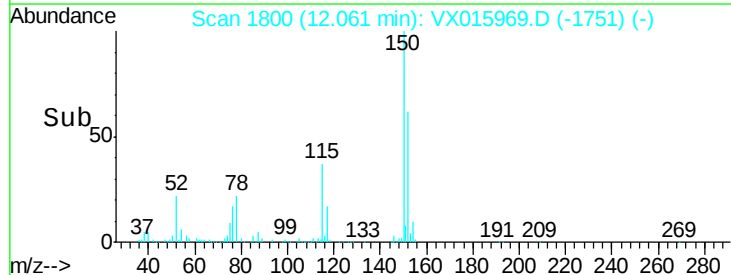
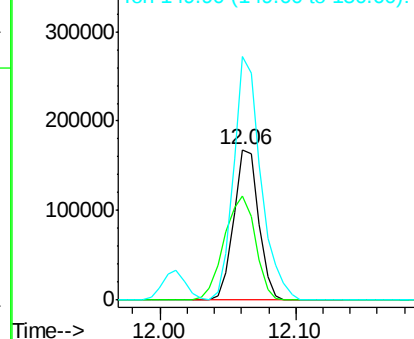
Lab File: VX015969.D

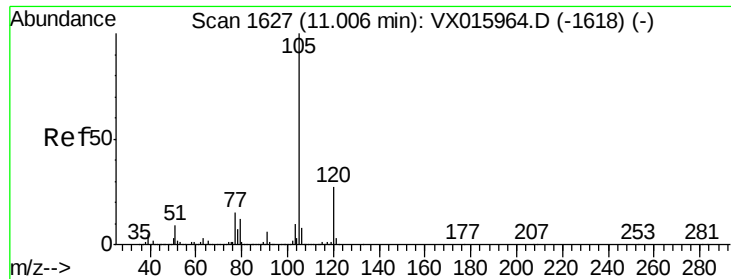
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 213715 |       |       |
| 115     | 86.2  | 40.9   | 122.7 |       |
| 150     | 176.2 | 0.0    | 342.4 |       |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.223 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 846484

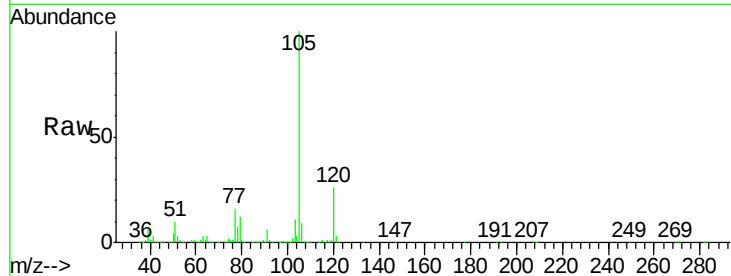
Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8

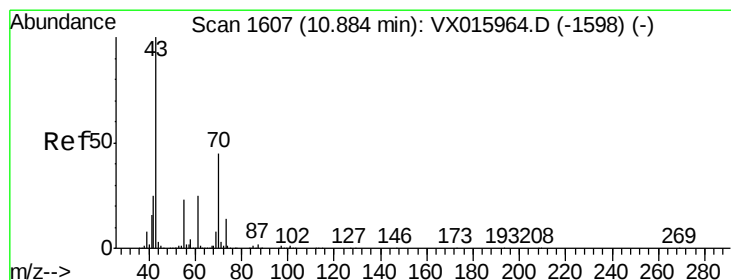
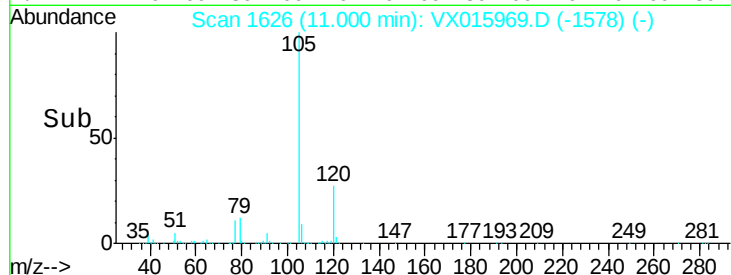
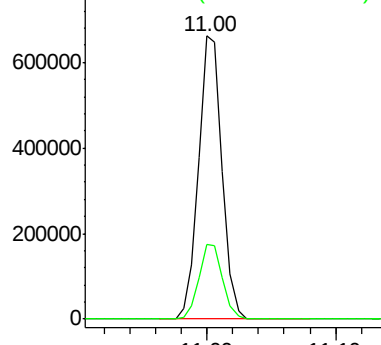
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.027 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Tgt Ion: 43 Resp: 399868

Ion Ratio Lower Upper

43 100

70 43.0 34.5 51.7

55 23.3 18.6 28.0

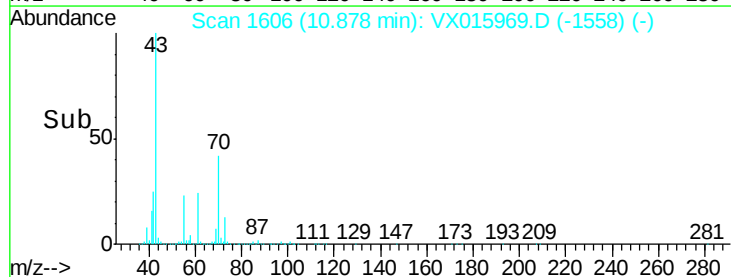
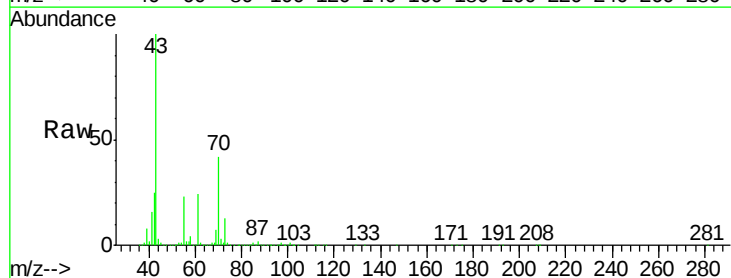
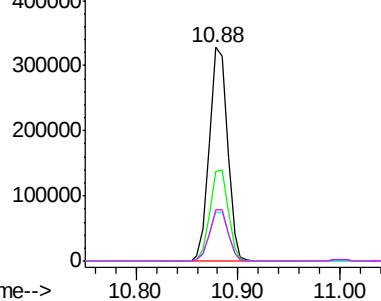
61 24.5 19.8 29.6

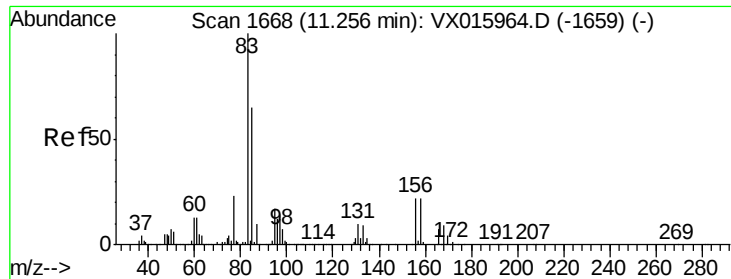
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.802 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

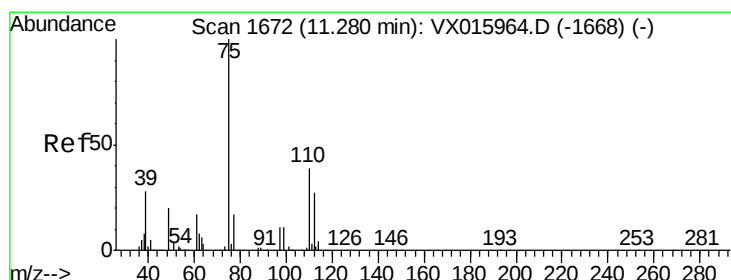
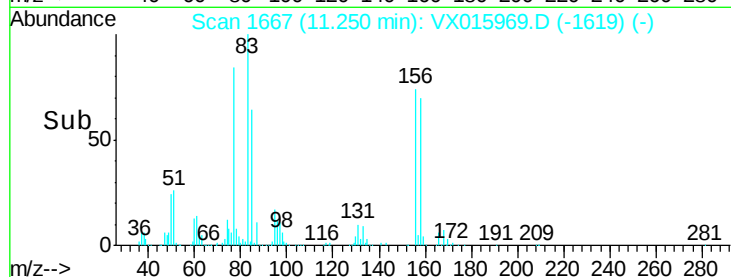
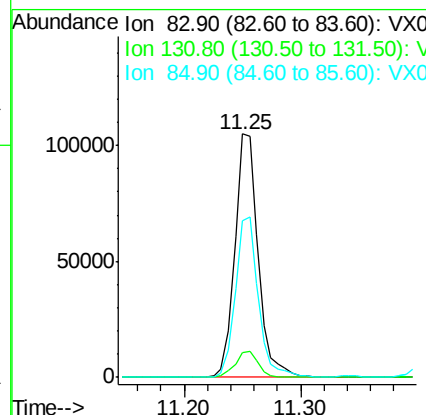
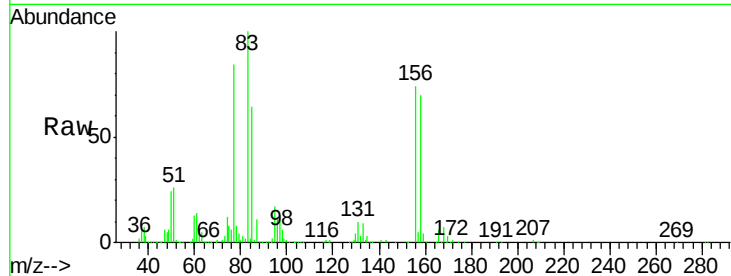
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 146150 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.6  | 5.1   | 15.4   |
| 85        | 65.3  | 32.2  | 96.6   |

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#76

1,2,3-Trichloropropane

Concen: 56.771 ug/l m

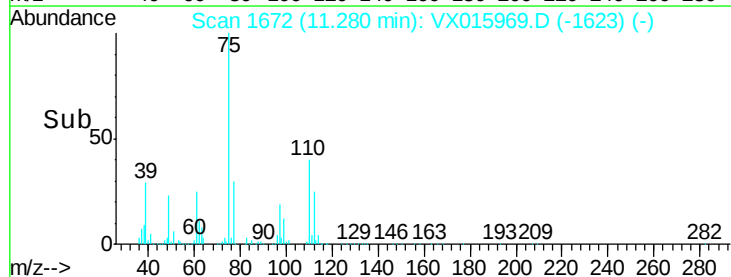
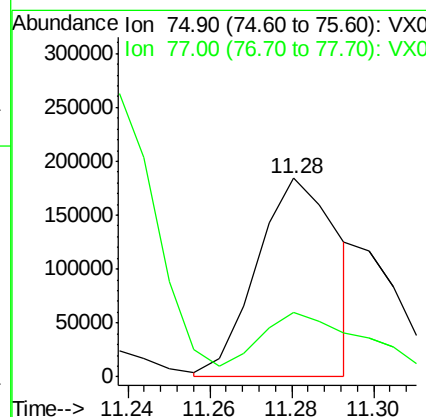
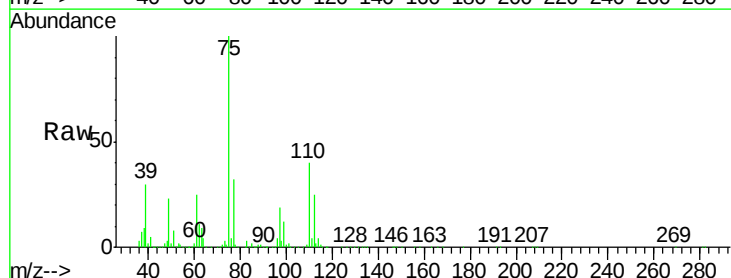
RT: 11.28 min Scan# 1672

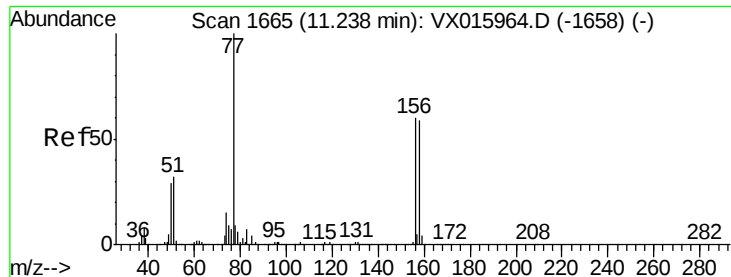
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 254591 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 42.9  | 21.6  | 65.0   |





#77

Bromobenzene

Concen: 56.865 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

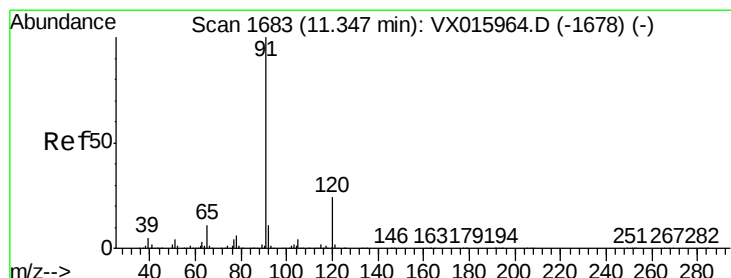
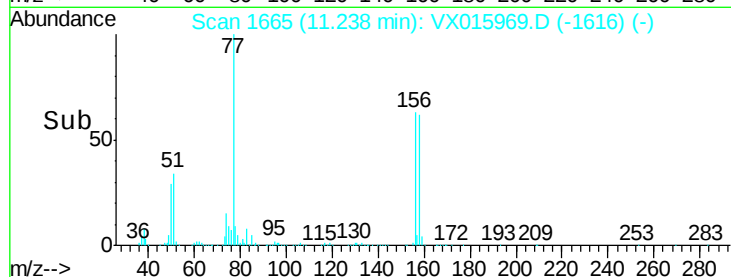
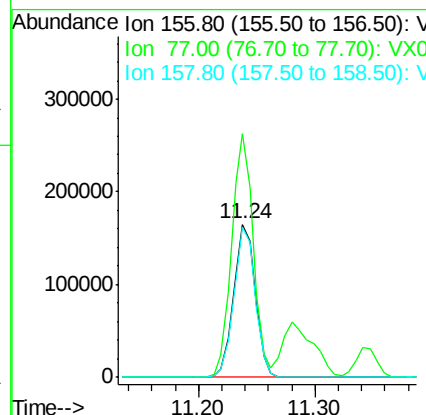
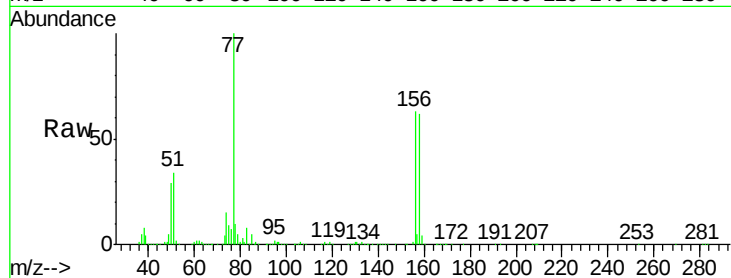
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 158.0 | 78.3  | 234.8 |
| 158     | 97.0  | 48.5  | 145.5 |

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#78

n-propylbenzene

Concen: 58.405 ug/l

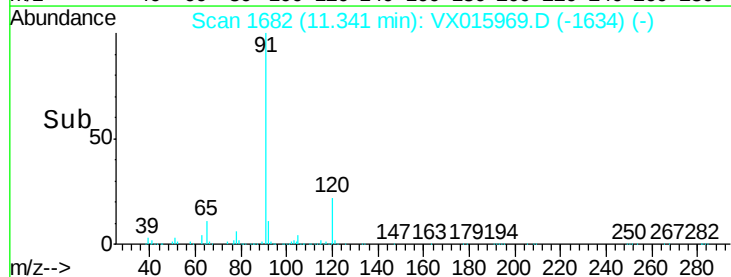
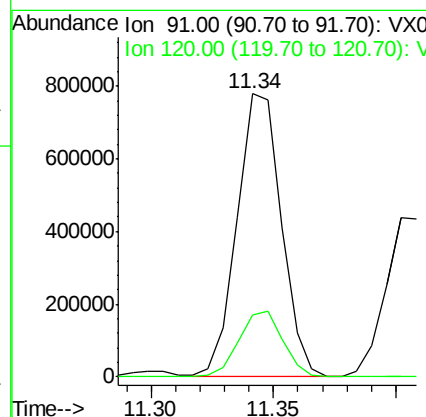
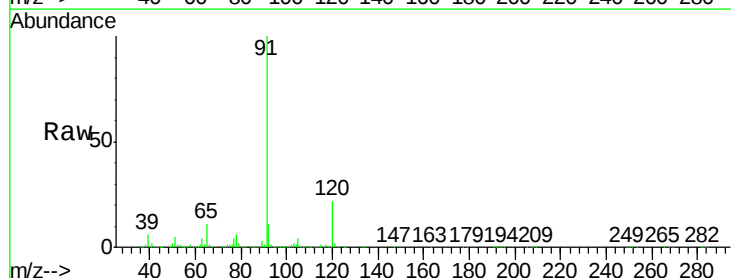
RT: 11.34 min Scan# 1682

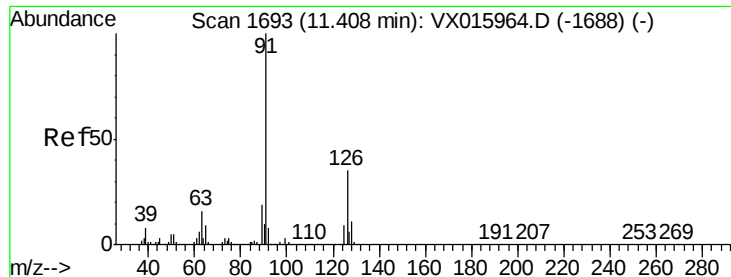
Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.2  | 11.8  | 35.3  |





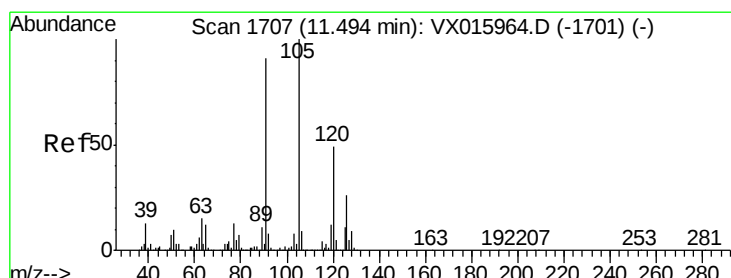
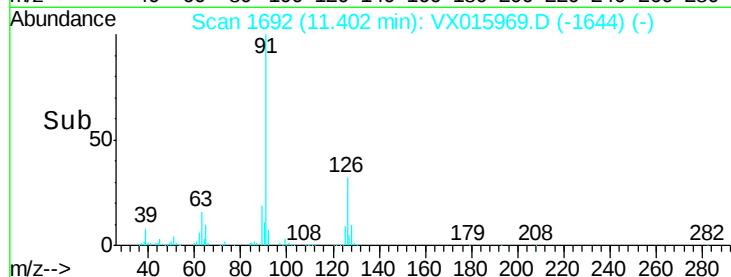
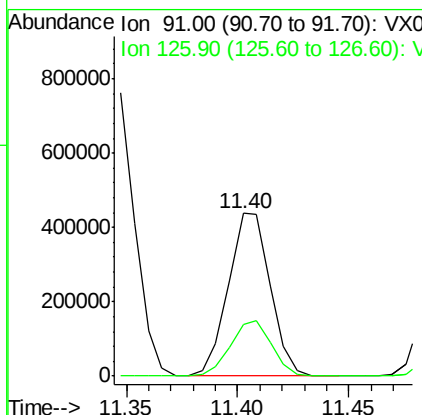
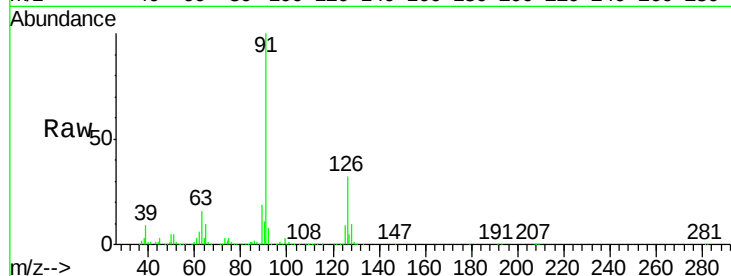
#79  
2-Chlorotoluene  
Concen: 57.339 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. -0.01 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 571368  
Ion Ratio Lower Upper  
91 100  
126 33.6 17.0 51.0

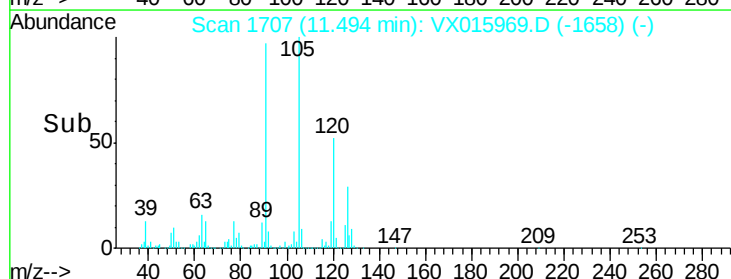
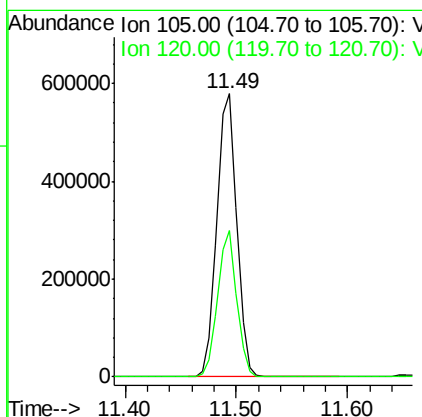
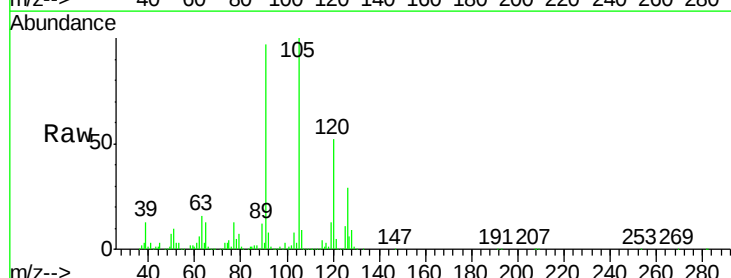
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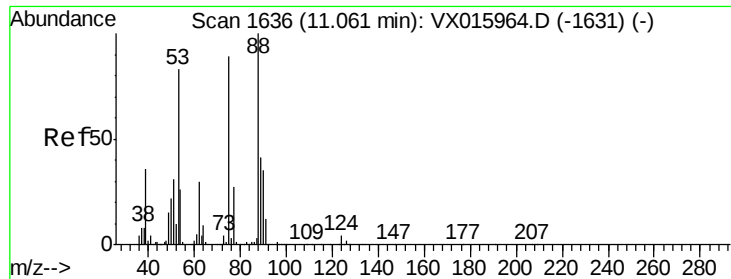
MMDadoda  
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#80  
1,3,5-Trimethylbenzene  
Concen: 58.427 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Tgt Ion: 105 Resp: 715557  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.6 73.6





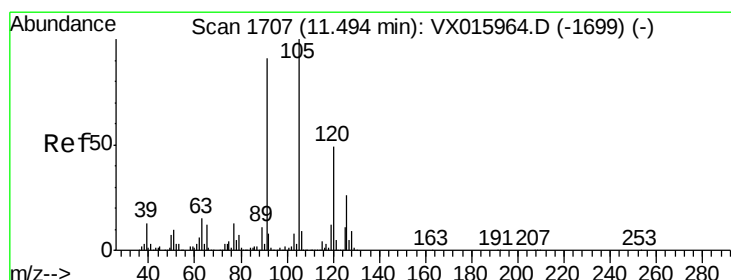
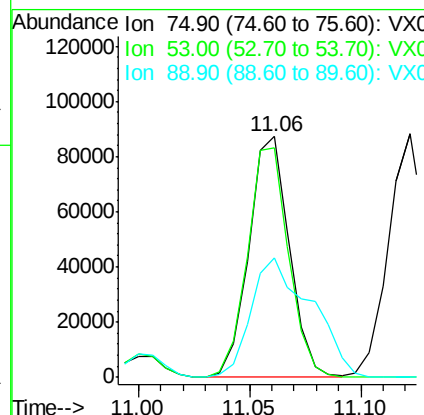
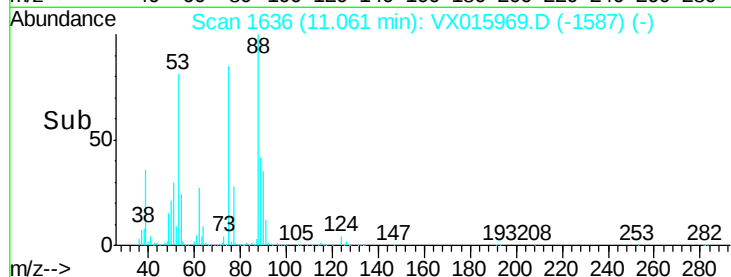
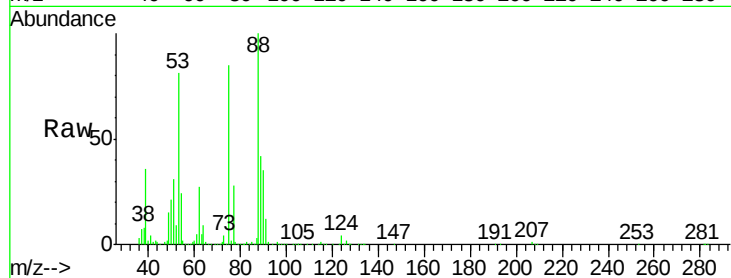
#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.853 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 97.9  | 78.3  | 117.5 |
| 89      | 73.9  | 37.2  | 55.8  |

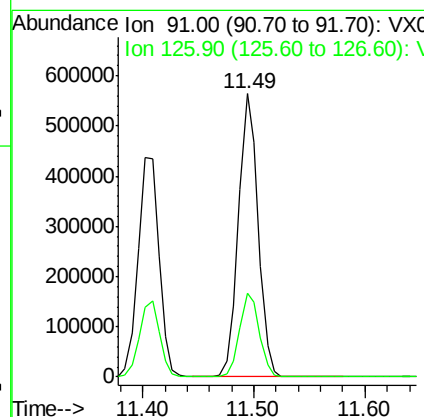
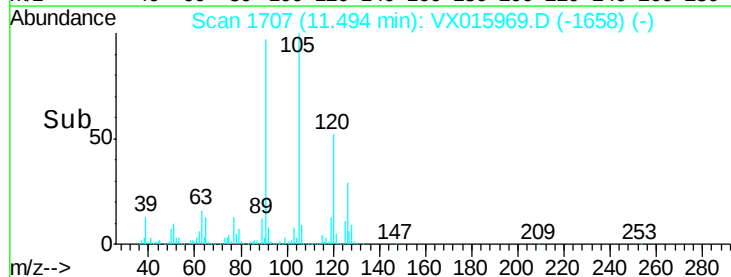
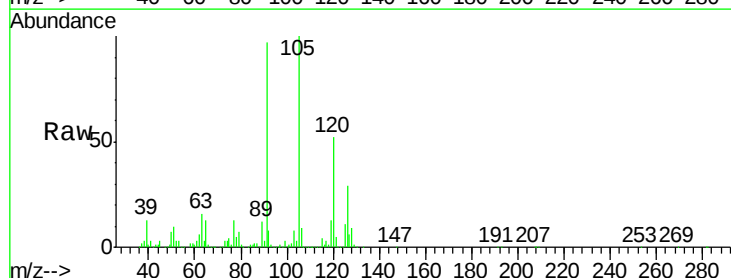
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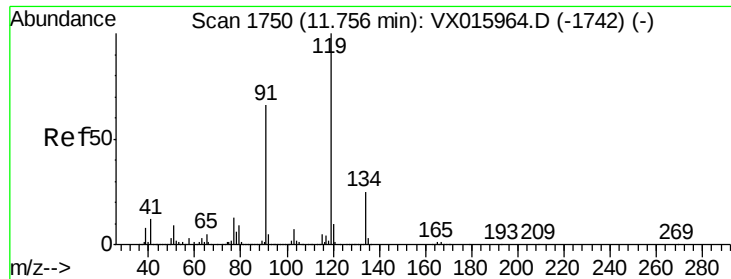
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 57.706 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.8  | 14.8  | 44.3  |





#83

tert-Butylbenzene

Concen: 57.776 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

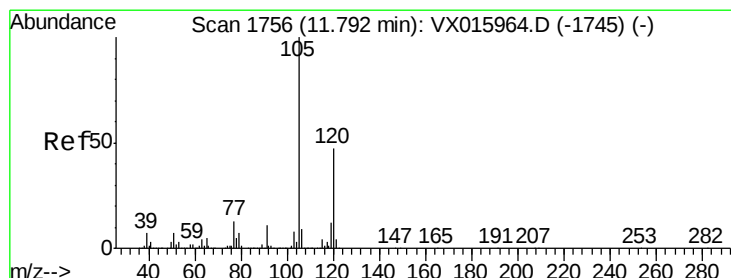
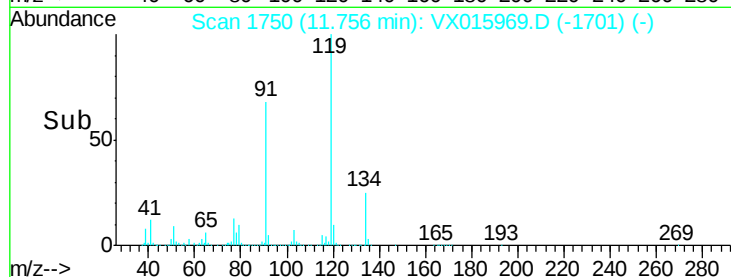
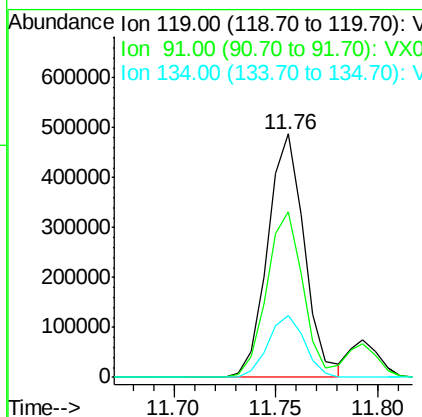
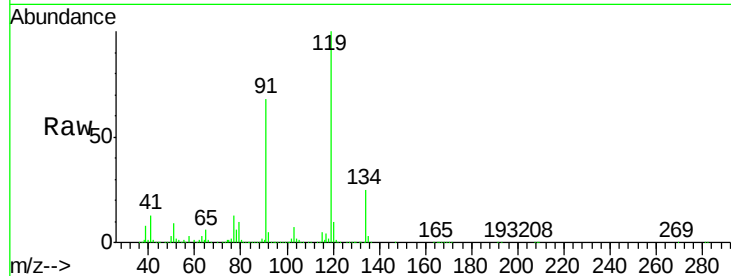
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 610102 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 67.1  | 33.5  | 100.4  |
| 134       | 25.2  | 12.4  | 37.2   |

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#84

1,2,4-Trimethylbenzene

Concen: 58.972 ug/l

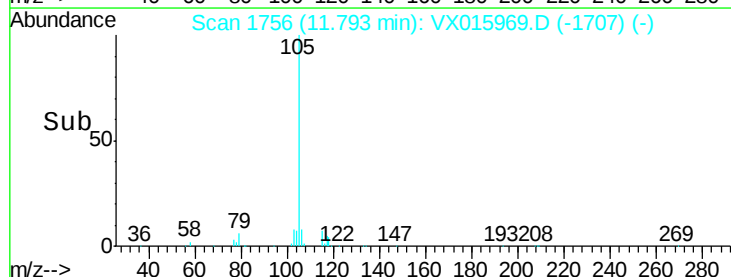
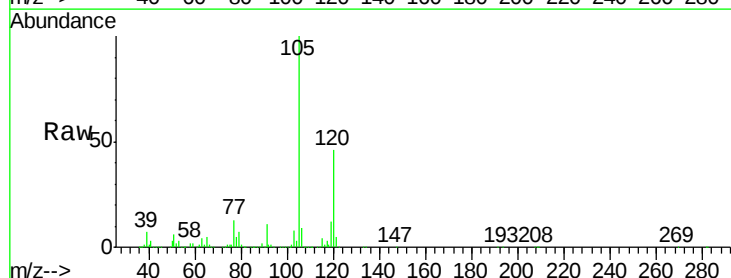
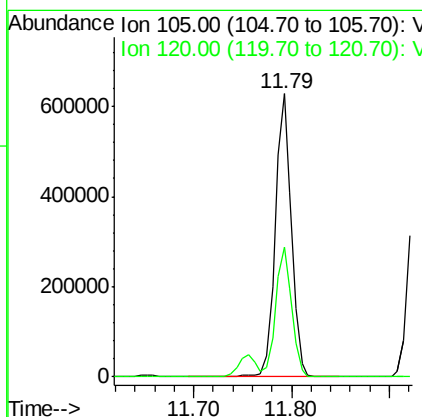
RT: 11.79 min Scan# 1756

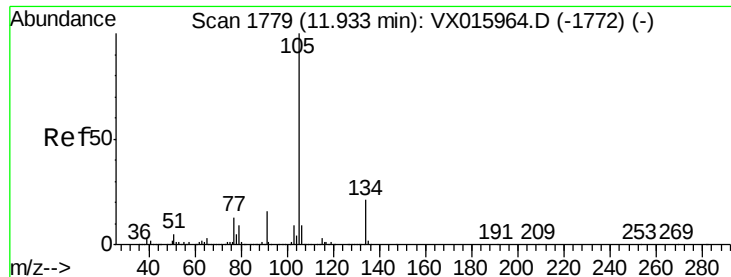
Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 726874 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.5  | 22.9  | 68.8   |





#85

sec-Butylbenzene

Concen: 59.190 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 842094

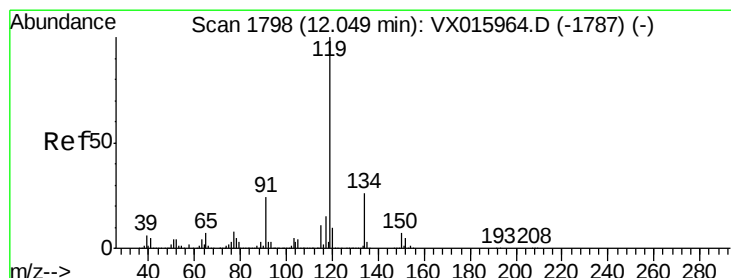
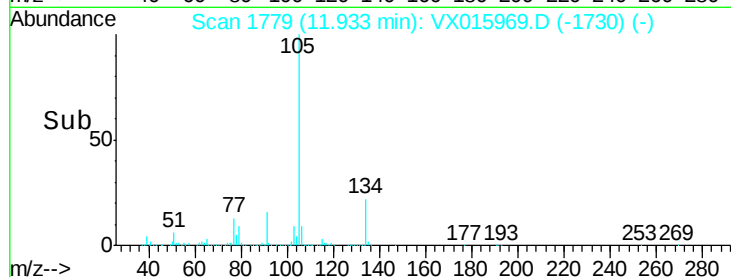
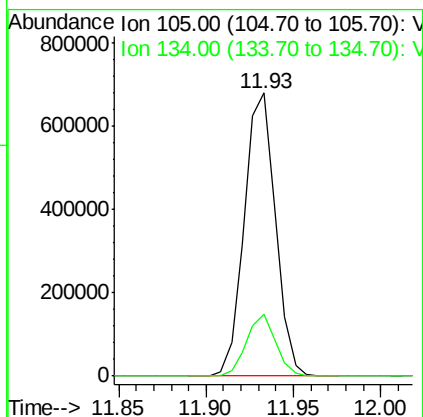
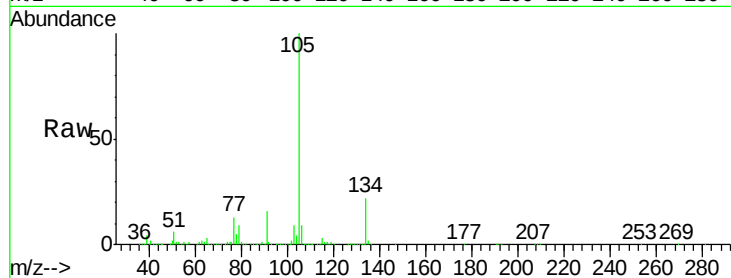
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 59.696 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

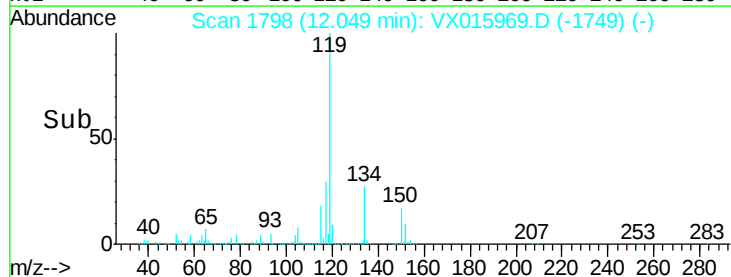
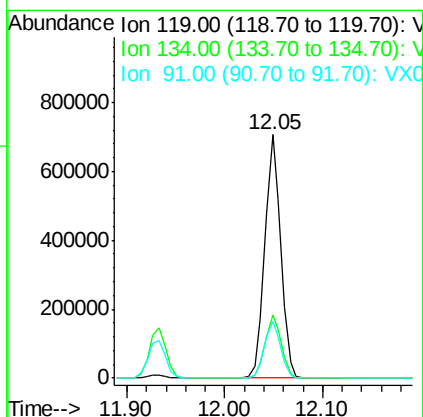
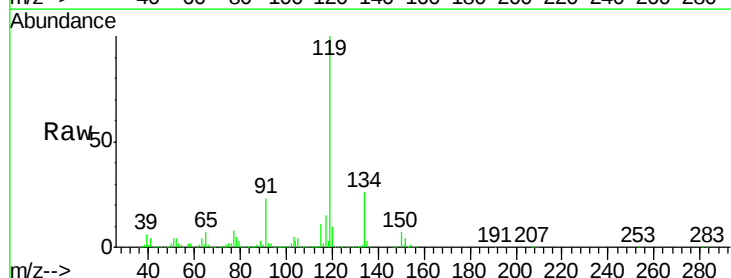
Tgt Ion:119 Resp: 795519

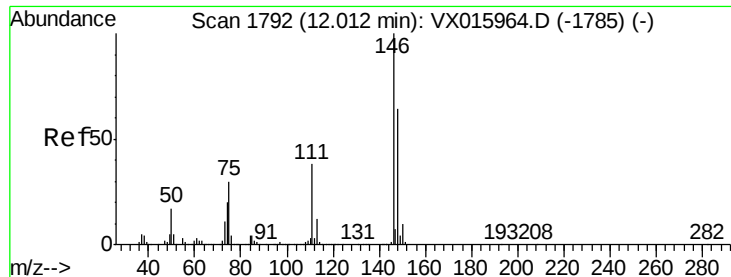
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.8 11.9 35.9





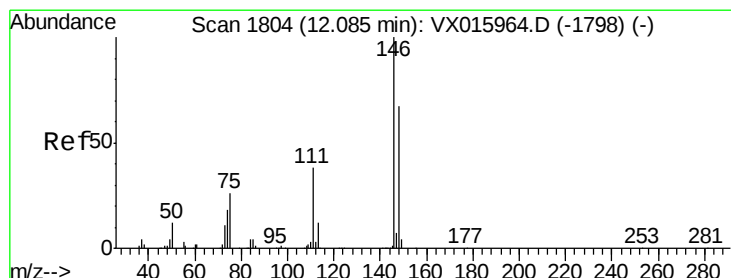
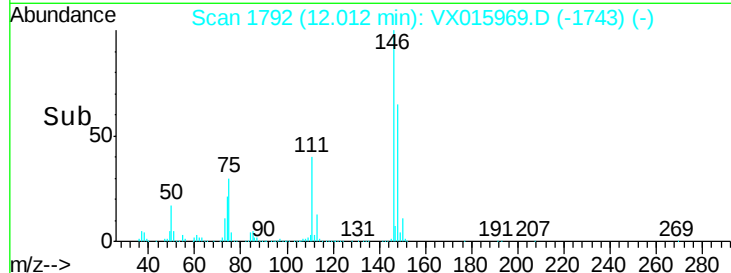
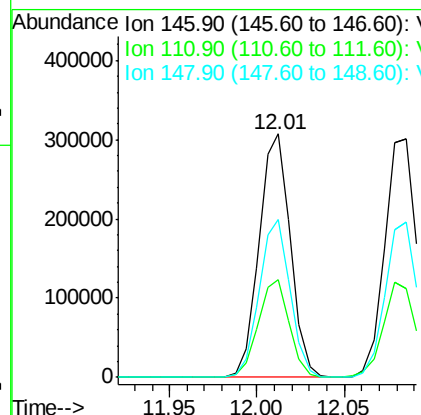
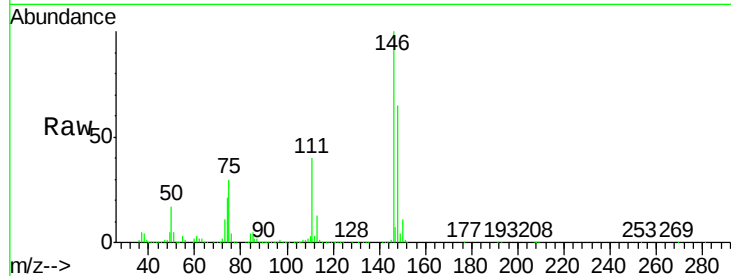
#87  
 1,3-Dichlorobenzene  
 Concen: 56.398 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 384889 |       |       |
| 111     | 39.8  | 19.6   | 58.8  |       |
| 148     | 63.8  | 32.0   | 96.0  |       |

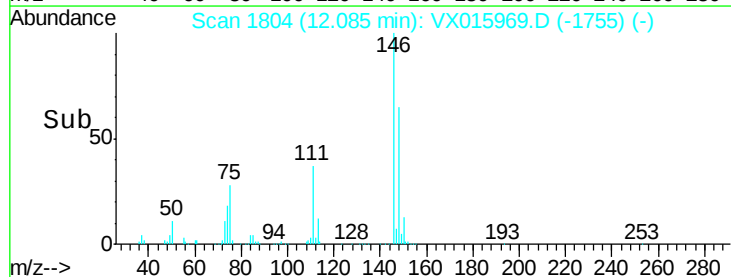
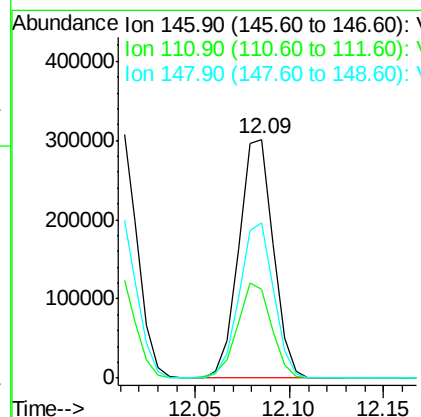
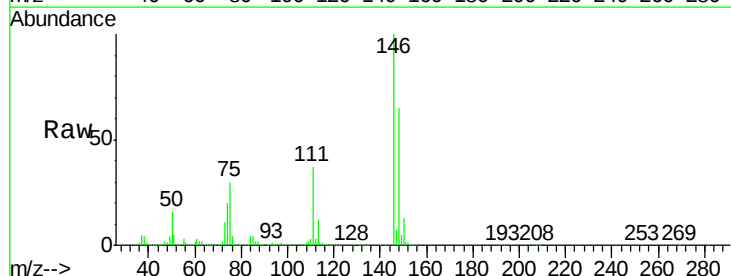
Manual Integrations  
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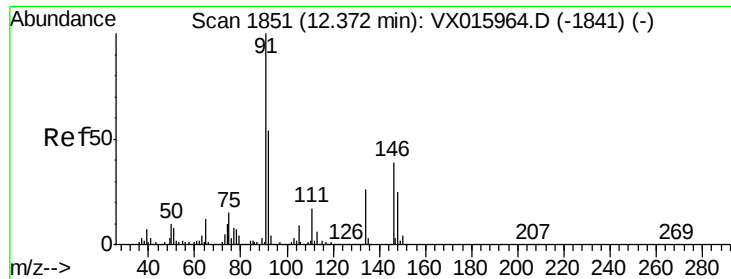
MMDadoda  
 4/30/2020 2:11:41 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 55.498 ug/l  
 RT: 12.09 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 382778 |       |       |
| 111     | 39.3  | 19.7   | 59.0  |       |
| 148     | 64.6  | 32.8   | 98.4  |       |





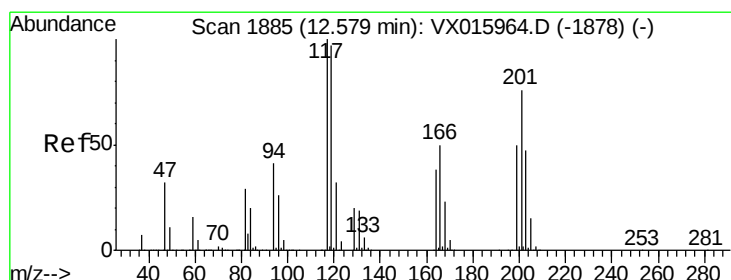
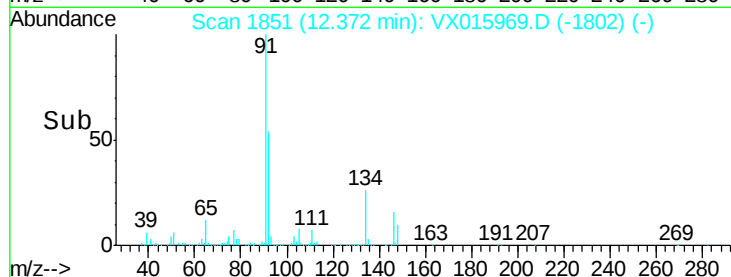
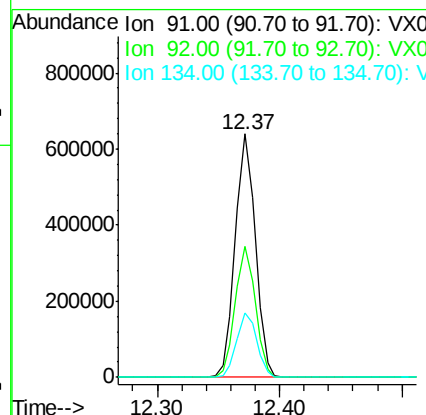
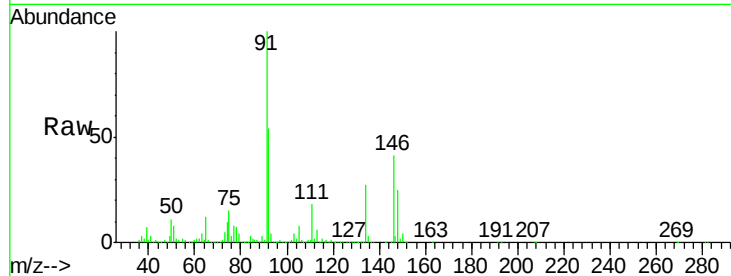
#89  
n-Butylbenzene  
Concen: 60.021 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.9  | 27.1  | 81.3  |
| 134     | 26.8  | 13.3  | 39.8  |

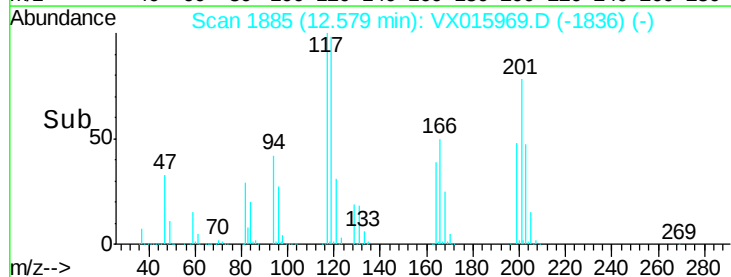
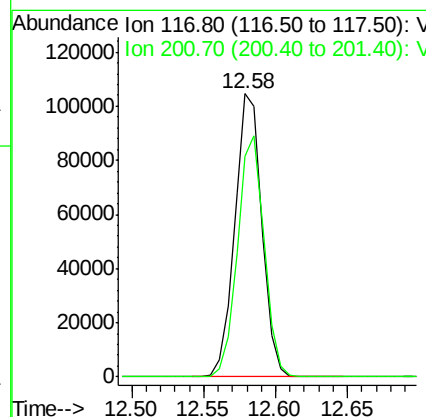
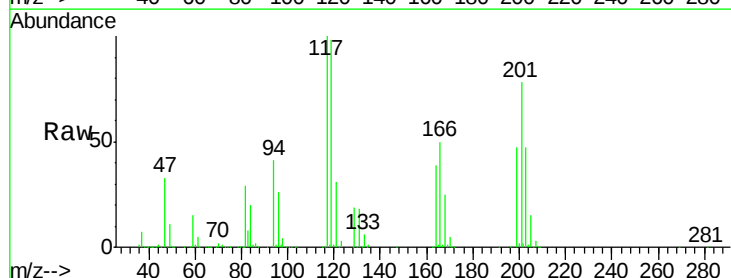
Manual Integrations  
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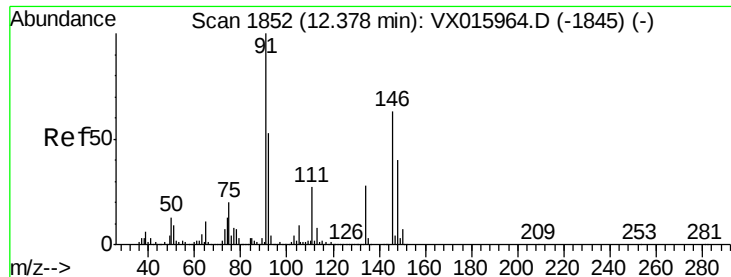
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#90  
Hexachloroethane  
Concen: 58.342 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 83.4  | 40.3  | 120.8 |





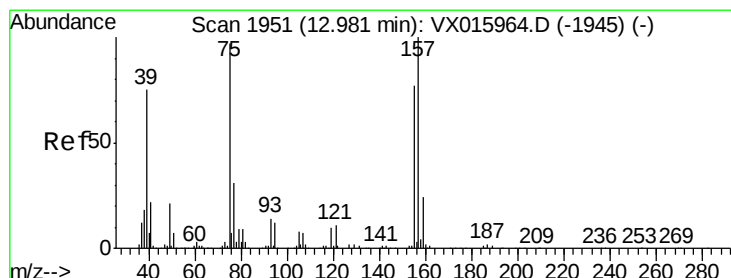
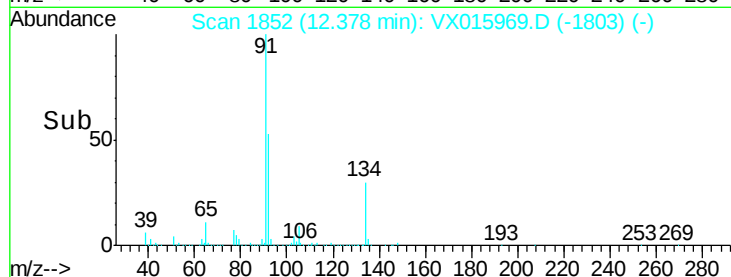
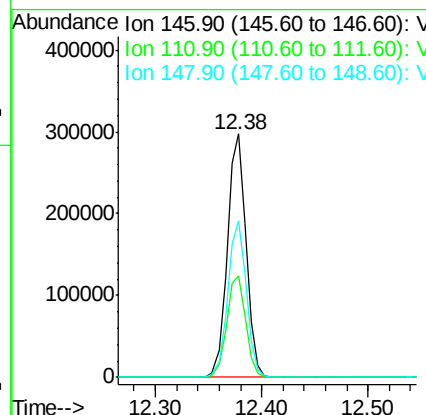
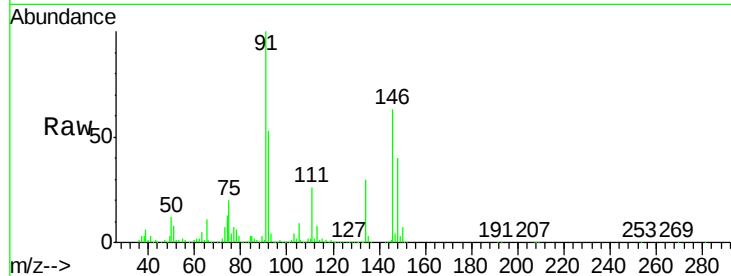
#91  
 1,2-Dichlorobenzene  
 Concen: 55.855 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 42.3  | 21.1 | 63.3  |       |
| 148     | 63.8  | 32.3 | 96.9  |       |

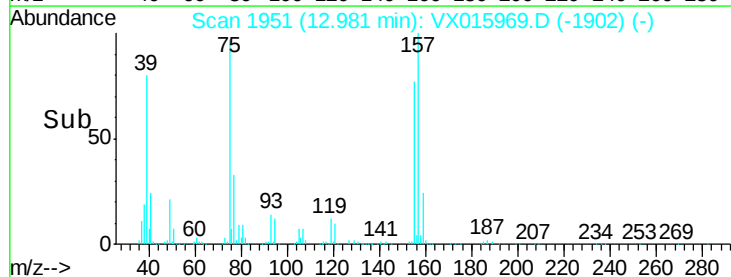
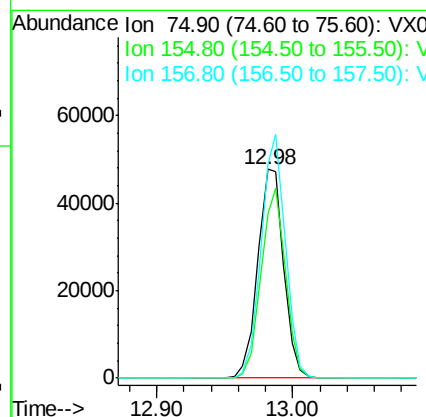
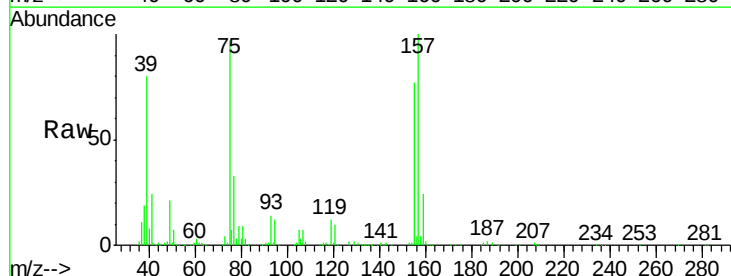
Manual Integrations  
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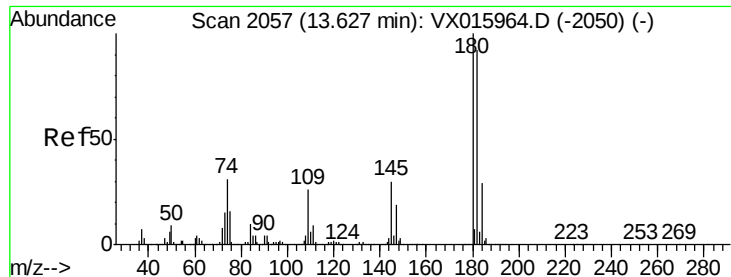
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.443 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 155     | 85.5  | 42.5 | 127.6 |       |
| 157     | 109.2 | 56.0 | 168.2 |       |





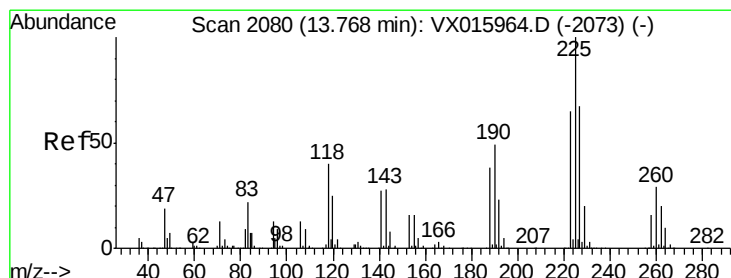
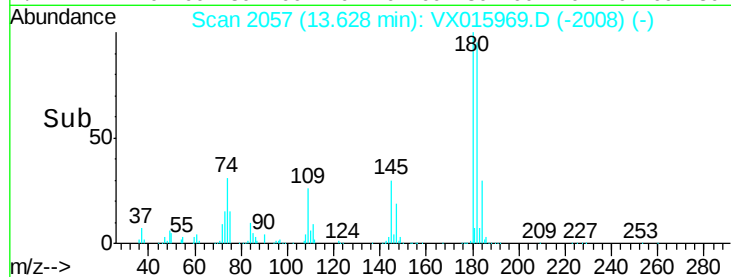
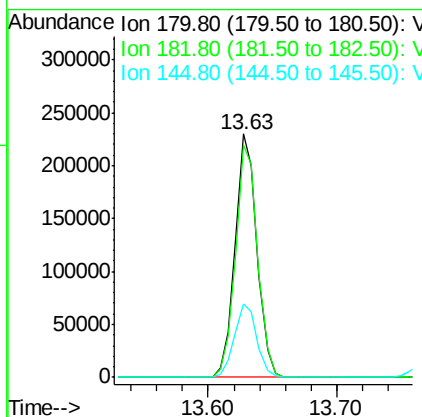
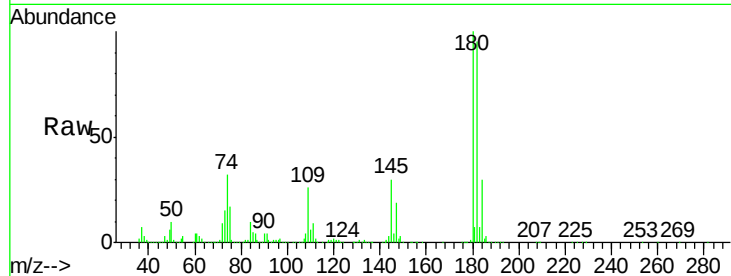
#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.477 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 271734 |       |       |
| 182     | 96.3  | 46.9   | 140.6 |       |
| 145     | 31.0  | 14.7   | 44.1  |       |

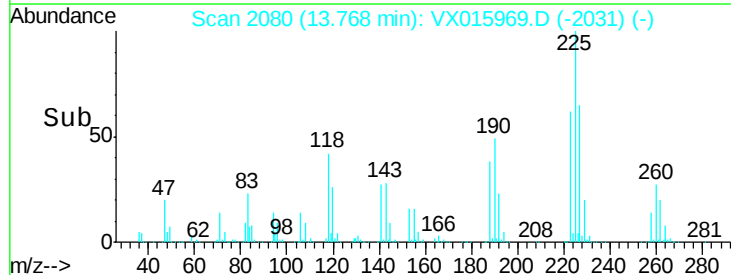
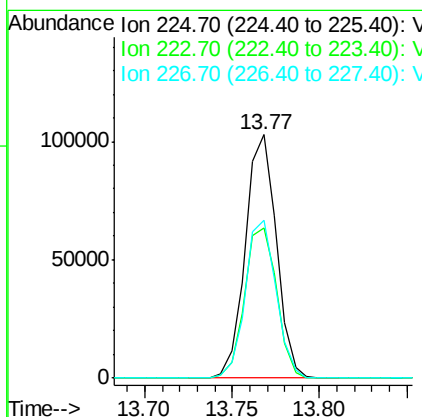
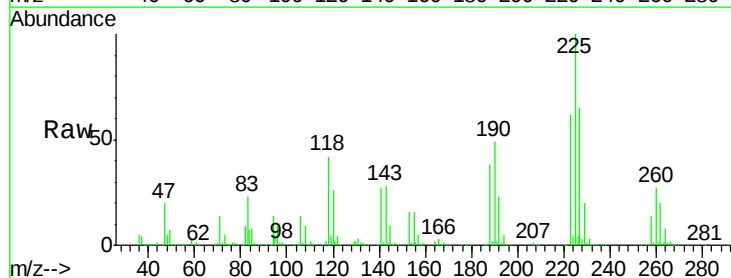
Manual Integrations  
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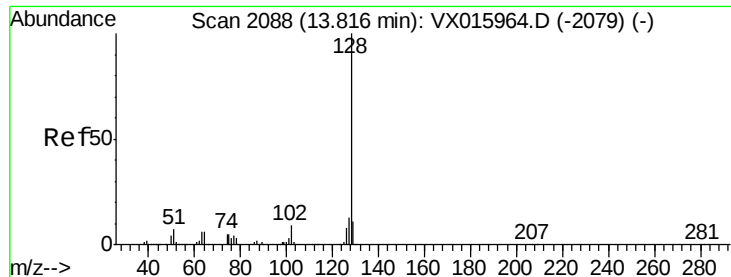
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#94  
 Hexachlorobutadiene  
 Concen: 57.893 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX015969.D  
 Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 126694 |       |       |
| 223     | 64.2  | 32.0   | 96.0  |       |
| 227     | 64.5  | 33.0   | 99.0  |       |





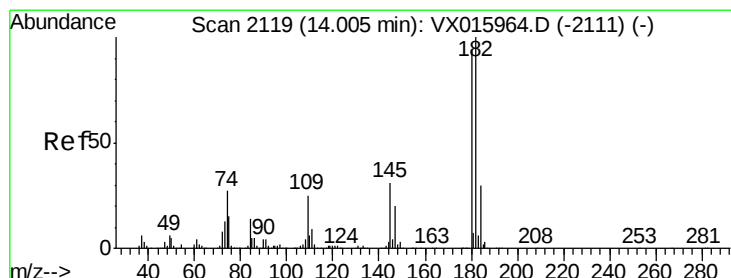
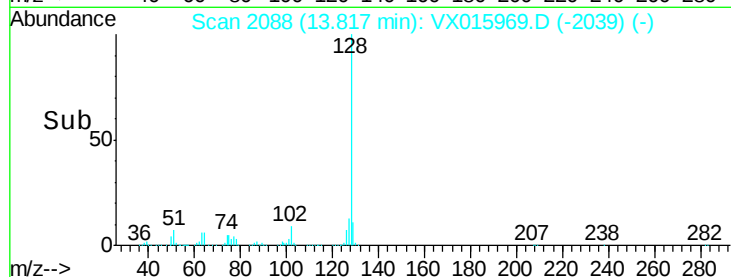
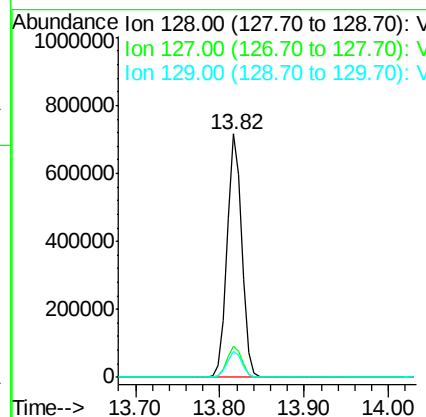
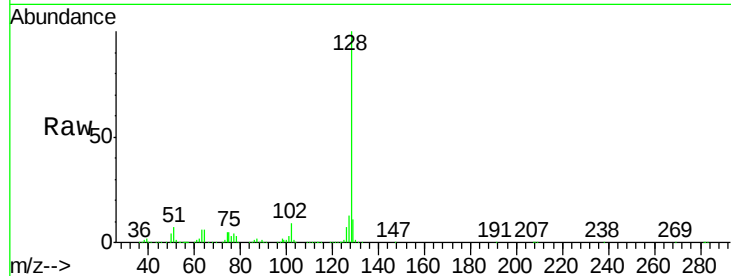
#95  
Naphthalene  
Concen: 56.023 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.4  | 15.6  |
| 129     | 10.9  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 56.005 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: VX015969.D  
Acq: 29 Apr 2020 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.9  | 48.7  | 146.1 |
| 145     | 33.0  | 16.1  | 48.3  |

