

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\  
 Data File : VX003372.D  
 Acq On : 13 Jul 2018 20:15  
 Operator : JC/MD  
 Sample : VX0713WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/16/2018 11:24:46 AM

Quant Time: Jul 14 03:02:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071318W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 13 17:01:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 294172   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 433240   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 417579   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 243094   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 166670   | 51.70 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.40% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 146888   | 46.07 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.14%  |      |
| 50) Toluene-d8              | 8.72   | 98  | 510197   | 48.71 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.42%  |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 200300   | 45.11 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.22%  |      |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 59356    | 24.81  | ug/l  | 98     |
| 3) Chloromethane              | 1.32 | 50   | 74639    | 24.75  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.40 | 62   | 85678    | 22.56  | ug/l  | 100    |
| 5) Bromomethane               | 1.64 | 94   | 46465    | 21.62  | ug/l  | 100    |
| 6) Chloroethane               | 1.72 | 64   | 54558    | 23.33  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 116386   | 21.27  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 50020    | 20.64  | ug/l  | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 72020    | 20.48  | ug/l  | 96     |
| 10) Methyl Iodide             | 2.51 | 142  | 70916    | 19.85  | ug/l  | 96     |
| 11) Tert butyl alcohol        | 3.08 | 59   | 92102    | 107.97 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 68082    | 20.85  | ug/l  | 93     |
| 13) Acrolein                  | 2.29 | 56   | 39154    | 125.24 | ug/l  | 99     |
| 14) Allyl chloride            | 2.73 | 41   | 130367   | 20.81  | ug/l  | 89     |
| 15) Acrylonitrile             | 3.15 | 53   | 213524   | 100.26 | ug/l  | 98     |
| 16) Acetone                   | 2.45 | 43   | 171854   | 104.07 | ug/l  | 89     |
| 17) Carbon Disulfide          | 2.57 | 76   | 189828   | 23.67  | ug/l  | 98     |
| 18) Methyl Acetate            | 2.78 | 43   | 104821   | 20.44  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73   | 234469   | 20.08  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.86 | 84   | 79103    | 21.76  | ug/l  | 93     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 73254    | 21.02  | ug/l  | 96     |
| 22) Diisopropyl ether         | 3.87 | 45   | 223343   | 19.15  | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.83 | 43   | 920478   | 96.60  | ug/l  | 96     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 140334   | 21.23  | ug/l  | 99     |
| 25) 2-Butanone                | 4.71 | 43   | 254101   | 99.28  | ug/l  | 94     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 86445    | 18.47  | ug/l  | 96     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 75662    | 19.75  | ug/l  | 95     |
| 28) Bromochloromethane        | 5.02 | 49   | 61250    | 20.33  | ug/l  | 93     |
| 29) Tetrahydrofuran           | 5.17 | 42   | 164505   | 100.61 | ug/l  | 94     |
| 30) Chloroform                | 5.21 | 83   | 125951   | 19.88  | ug/l  | 99     |
| 31) Cyclohexane               | 5.58 | 56   | 108321   | 21.41  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 105728   | 20.03  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 92695    | 20.14  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.86 | 43   | 98062    | 19.44  | ug/l  | 96     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 92652    | 19.75  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\  
 Data File : VX003372.D  
 Acq On : 13 Jul 2018 20:15  
 Operator : JC/MD  
 Sample : VX0713WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/16/2018 11:24:46 AM

Quant Time: Jul 14 03:02:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071318W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 13 17:01:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 106856   | 20.51  | ug/l   | 95       |
| 40) Benzene                    | 6.15  | 78   | 287310   | 19.93  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.07  | 41   | 55133    | 19.08  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 99568    | 19.77  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 153291   | 19.39  | ug/l   | 96       |
| 44) Trichloroethene            | 7.22  | 130  | 80300    | 19.66  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 73024    | 19.10  | ug/l   | 98       |
| 46) Dibromomethane             | 7.67  | 93   | 48231    | 19.62  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 88655    | 19.13  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 78891    | 19.56  | ug/l   | 88       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 35721    | 405.77 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 510073   | 98.72  | ug/l   | 94       |
| 52) Toluene                    | 8.79  | 92   | 183590   | 20.10  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 105754   | 19.42  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 96506    | 19.40  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 74214    | 19.46  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 106528   | 19.56  | ug/l # | 86       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 121503   | 19.66  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 268332   | 101.39 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 387066   | 101.57 | ug/l   | 92       |
| 60) Dibromochloromethane       | 9.59  | 129  | 71436    | 19.30  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 76515    | 19.90  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 91587    | 20.25  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 207237   | 19.33  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 71122    | 18.76  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 342938   | 19.65  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 269738   | 40.13  | ug/l   | 96       |
| 69) o-Xylene                   | 10.70 | 106  | 129401   | 19.71  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 216555   | 19.63  | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 53209    | 18.33  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 345936   | 20.58  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 153291   | 19.67  | ug/l # | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 107657   | 19.62  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 95423m   | 19.87  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 93731    | 19.73  | ug/l   | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 391135   | 20.59  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 234159   | 19.95  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 284693   | 20.44  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 27094    | 18.81  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 273450   | 20.00  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 272573   | 19.76  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 293331   | 20.76  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 332653   | 20.18  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 297248   | 20.16  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 169335   | 19.10  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 171737   | 19.07  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 245390   | 19.45  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 39702    | 17.96  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 172405   | 19.43  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 20500    | 18.84  | ug/l   | 93       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\  
Data File : VX003372.D  
Acq On : 13 Jul 2018 20:15  
Operator : JC/MD  
Sample : VX0713WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

Manual Integrations  
APPROVED

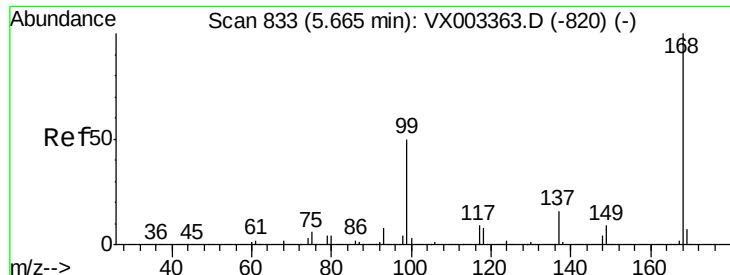
MMDadoda  
7/16/2018 11:24:46 AM

Quant Time: Jul 14 03:02:51 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071318W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 13 17:01:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 114634   | 18.88 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 52895    | 18.46 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 336185   | 19.76 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 117618   | 19.20 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion:168 Resp: 294172

Ion Ratio Lower Upper

168 100

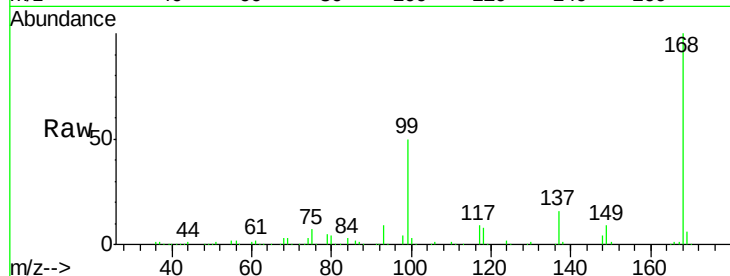
99 49.7 39.3 58.9

Manual Integrations

APPROVED

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7/16/2018 11:24:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

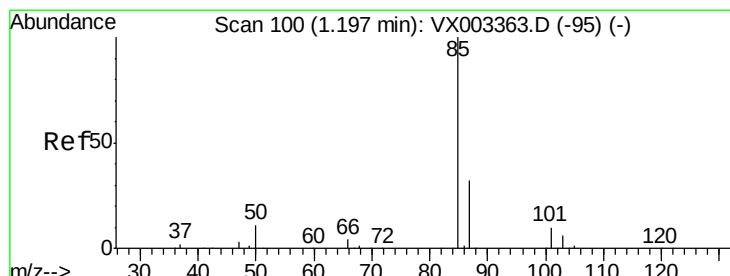
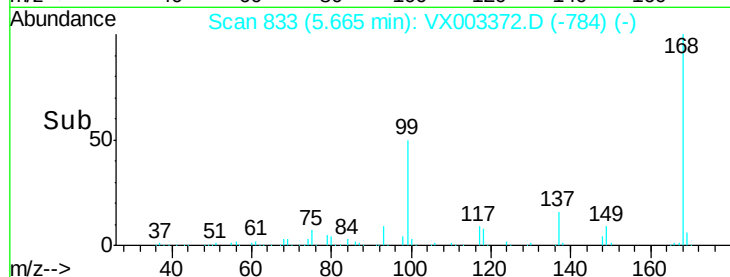
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003372.D

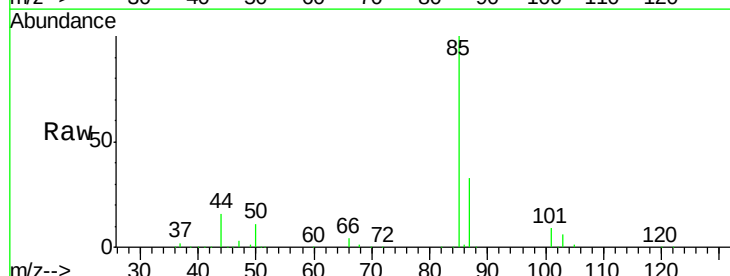
Acq: 13 Jul 2018 20:15

Tgt Ion: 85 Resp: 59356

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

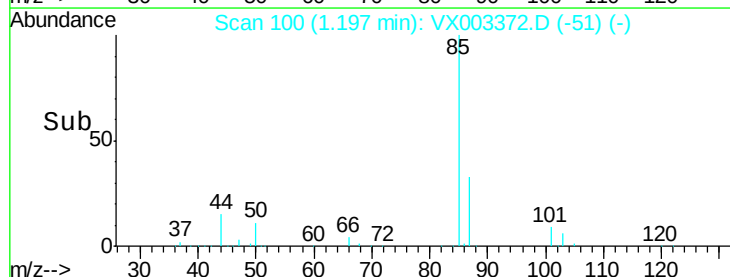
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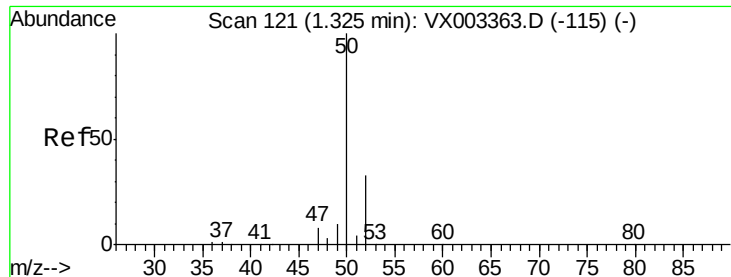
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 24.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 50 Resp: 74639

Ion Ratio Lower Upper

50 100

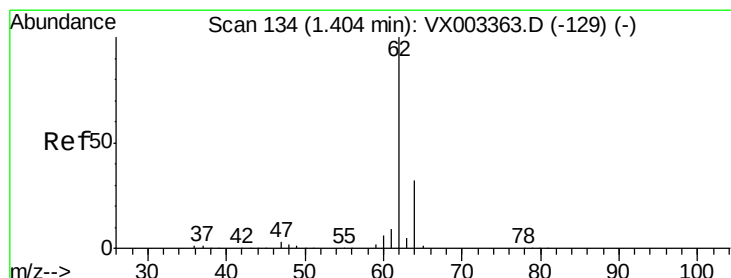
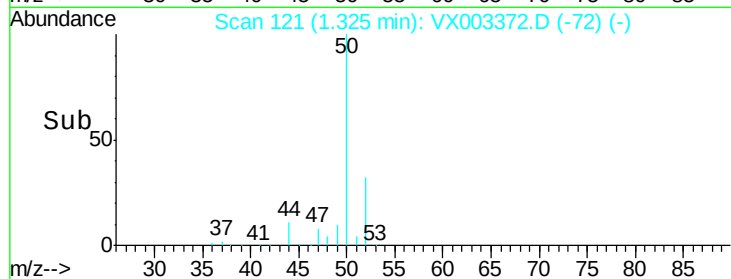
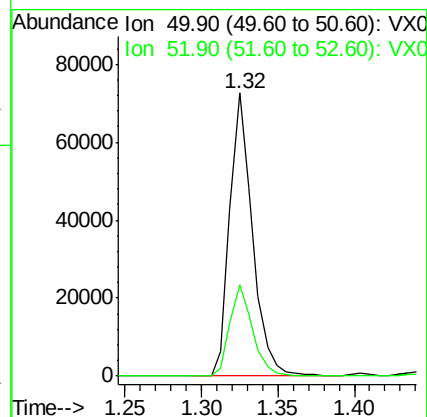
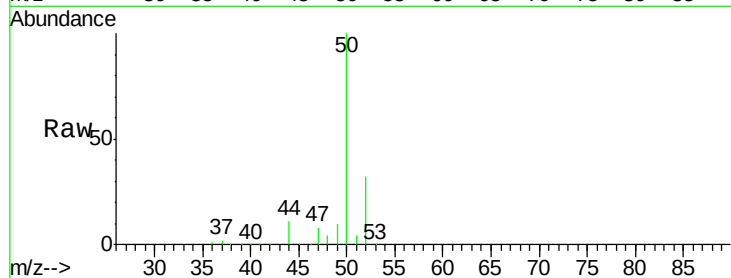
52 32.2 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

7/16/2018 11:24:46 AM



#4

Vinyl Chloride

Concen: 22.56 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003372.D

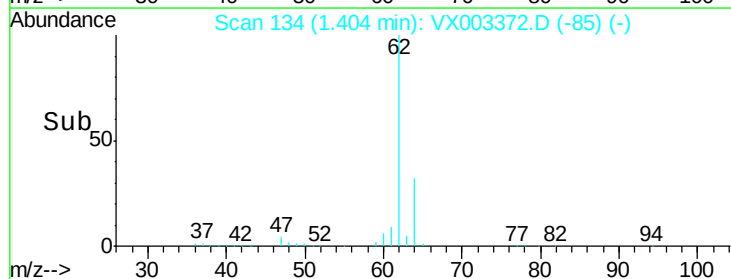
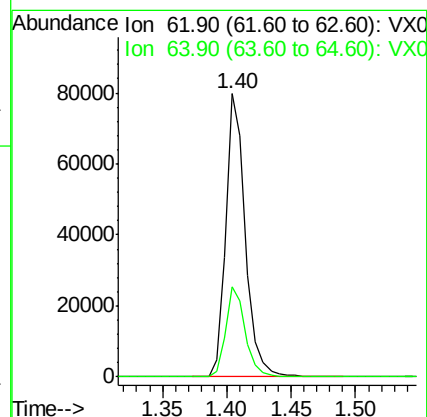
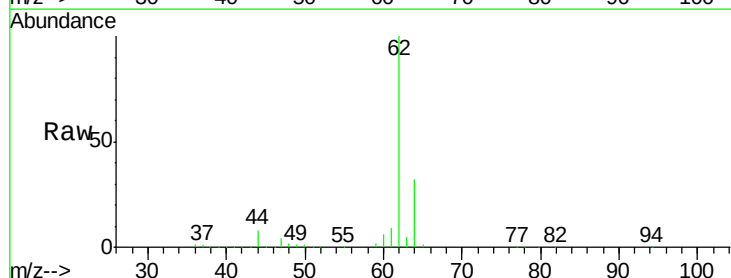
Acq: 13 Jul 2018 20:15

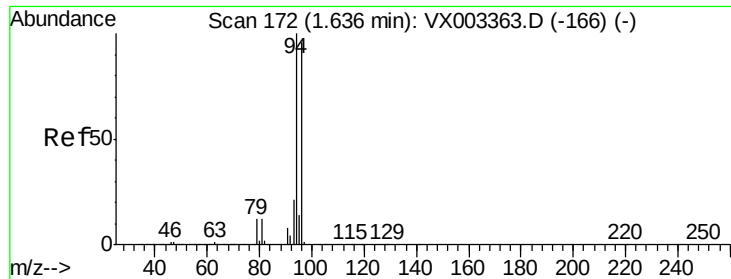
Tgt Ion: 62 Resp: 85678

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 21.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 94 Resp: 46465

Ion Ratio Lower Upper

94 100

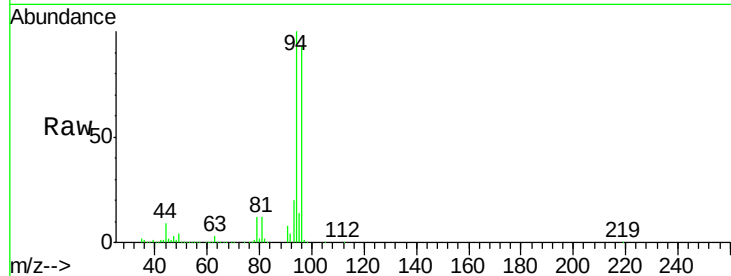
96 93.3 74.9 112.3

Manual Integrations

APPROVED

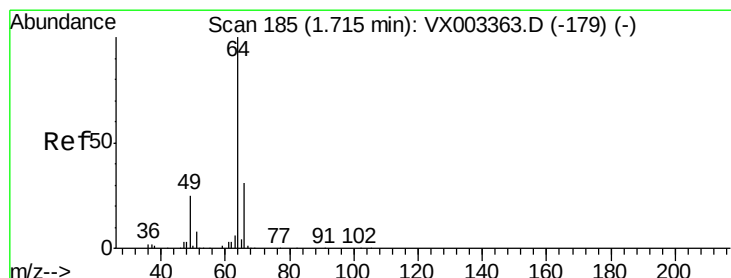
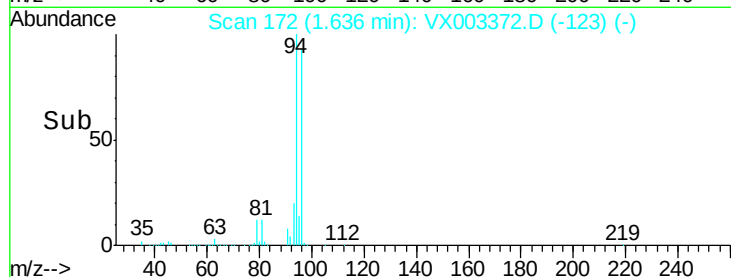
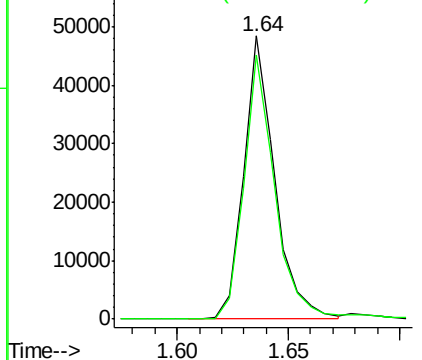
MMDadoda

7/16/2018 11:24:46 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.33 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003372.D

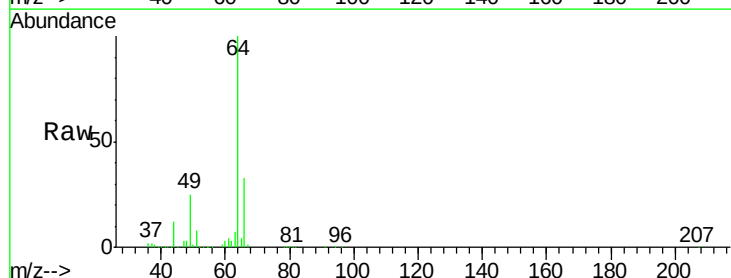
Acq: 13 Jul 2018 20:15

Tgt Ion: 64 Resp: 54558

Ion Ratio Lower Upper

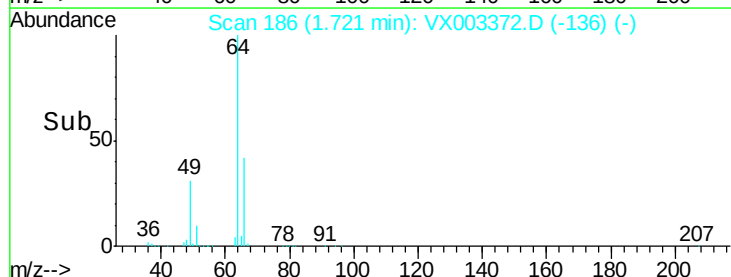
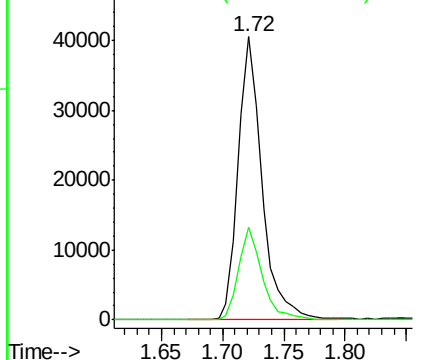
64 100

66 32.5 25.5 38.3

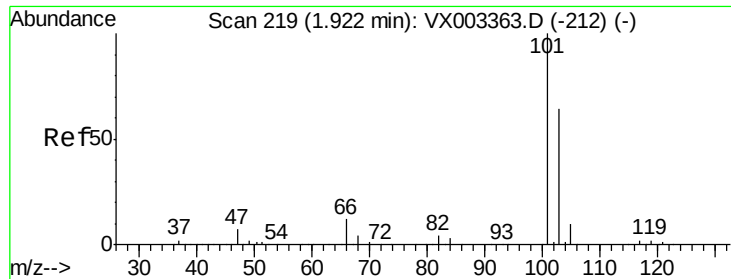


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

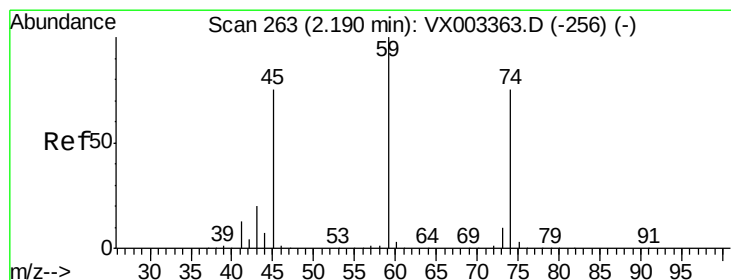
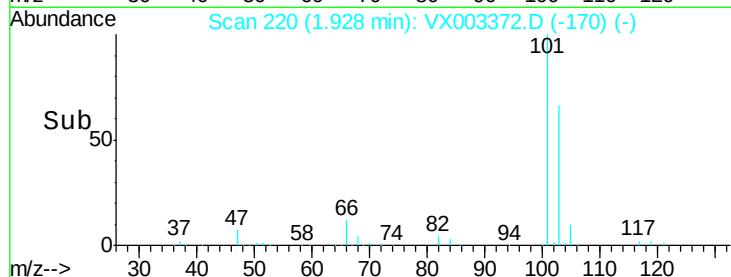
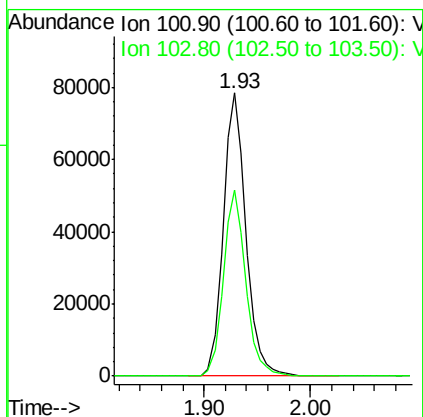
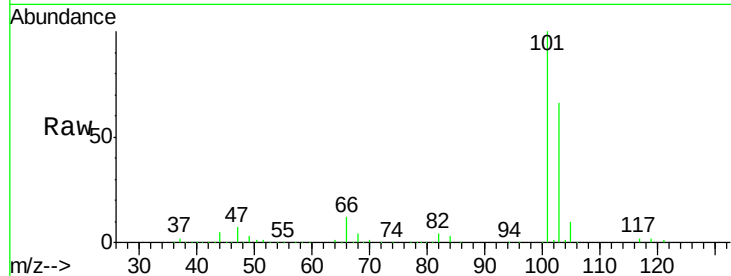
Trichlorofluoromethane  
 Concen: 21.27 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.01 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 116386 |       |       |
| 103     | 65.5  | 52.8   | 79.2  |       |

Manual Integrations  
 APPROVED

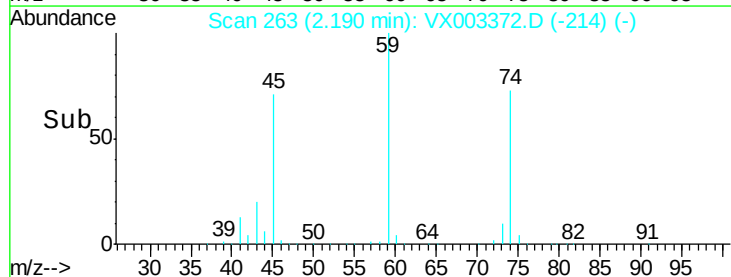
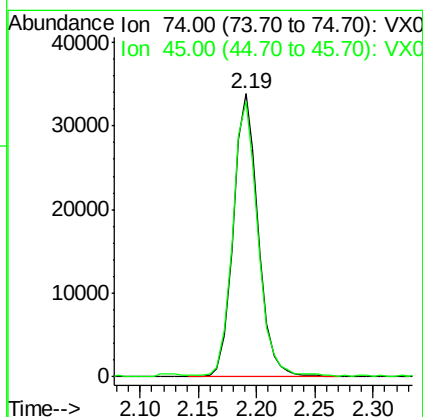
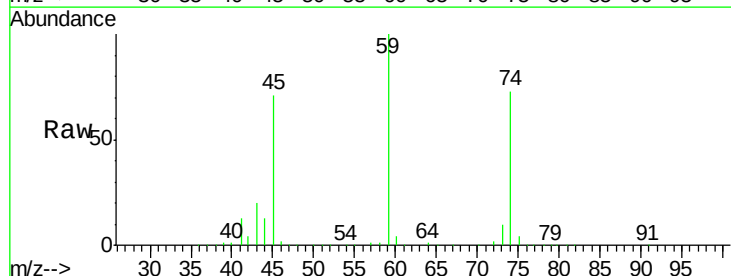
MMDadoda  
 7/16/2018 11:24:46 AM



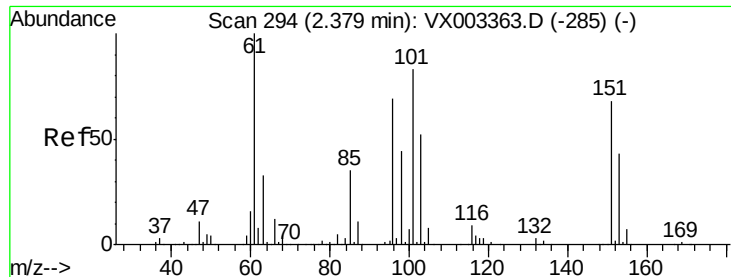
#8

Diethyl Ether  
 Concen: 20.64 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 50020 |       |       |
| 45      | 98.5  | 53.1  | 159.4 |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.48 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

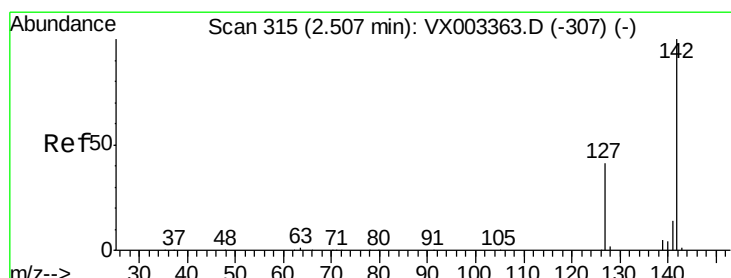
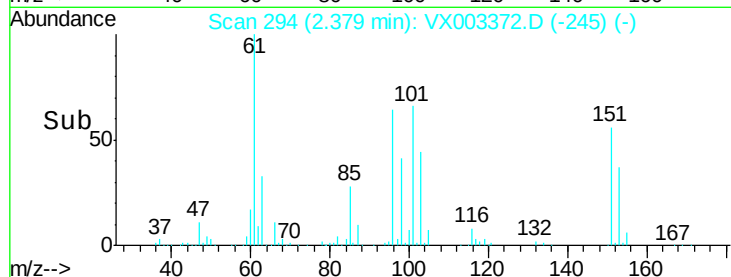
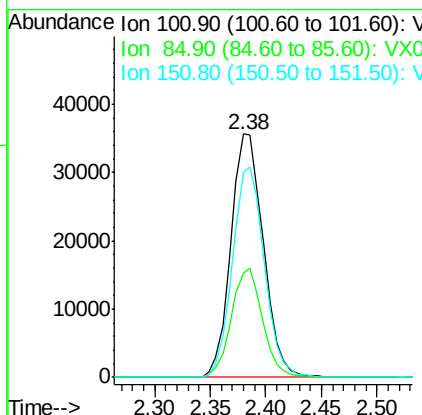
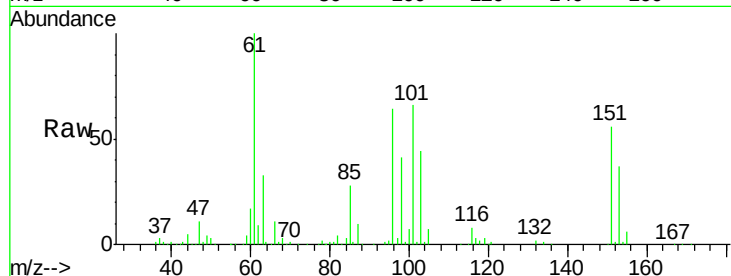
ClientSampleId :

VX0713WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 72020 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.1  | 36.0  | 54.0  |
| 151       | 84.8  | 70.9  | 106.3 |

Manual Integrations  
APPROVED

MMDadoda  
7/16/2018 11:24:46 AM



#10

Methyl Iodide

Concen: 19.85 ug/l

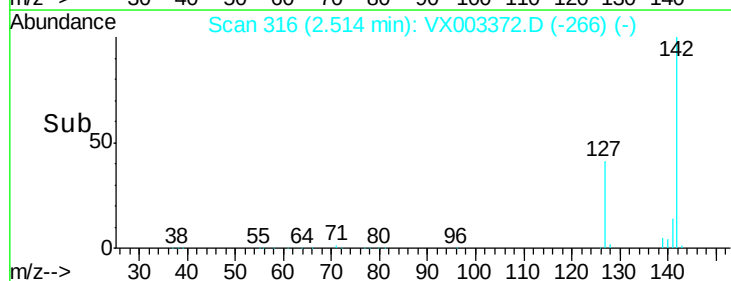
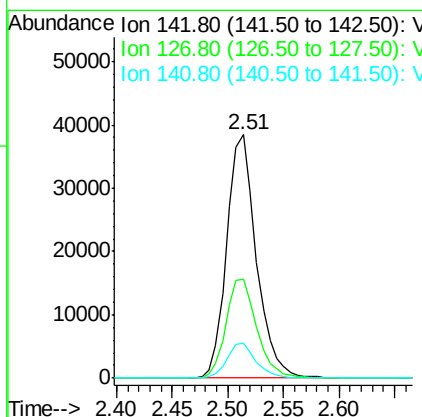
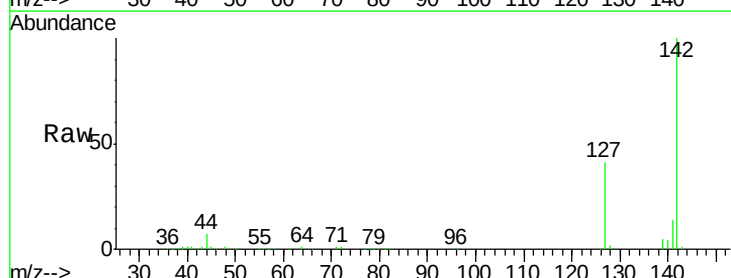
RT: 2.51 min Scan# 316

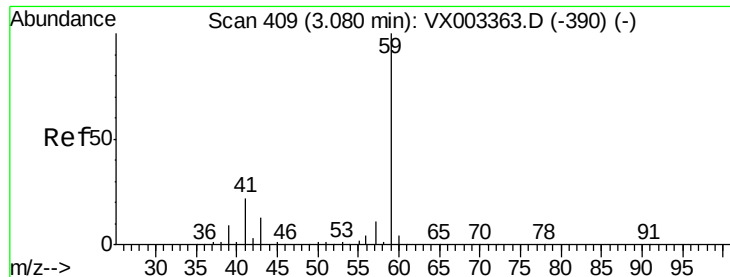
Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 70916 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.3  | 36.6  | 55.0  |
| 141       | 14.1  | 11.3  | 16.9  |





#11

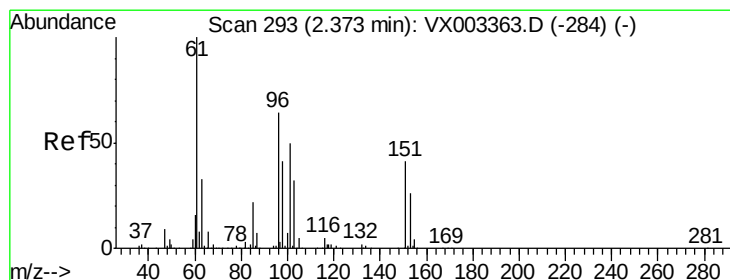
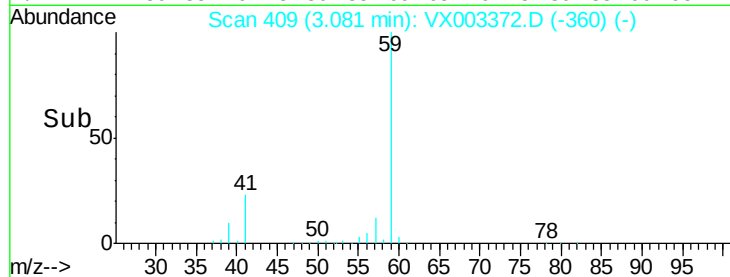
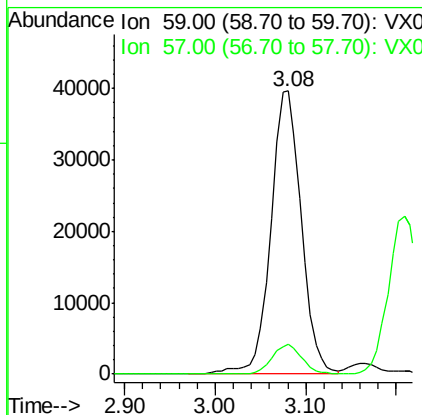
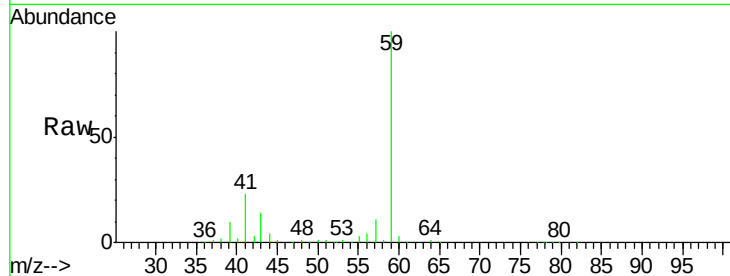
Tert butyl alcohol  
Concen: 107.97 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 59      | 59  | 100   |       |       |
| 57      | 57  | 10.5  | 8.2   | 12.2  |

Manual Integrations  
APPROVED

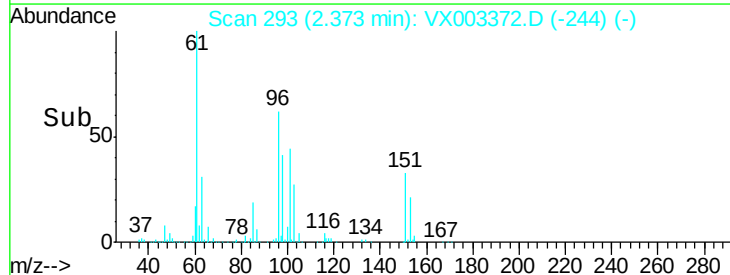
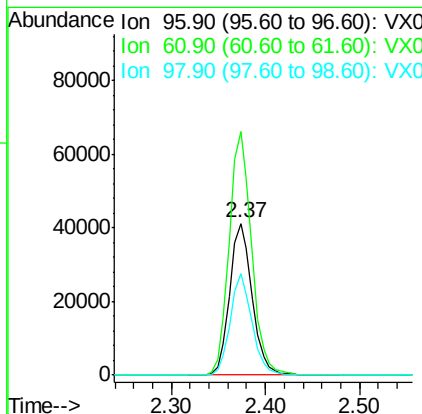
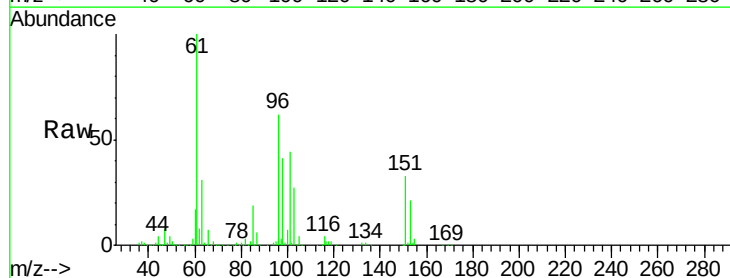
MMDadoda  
7/16/2018 11:24:46 AM

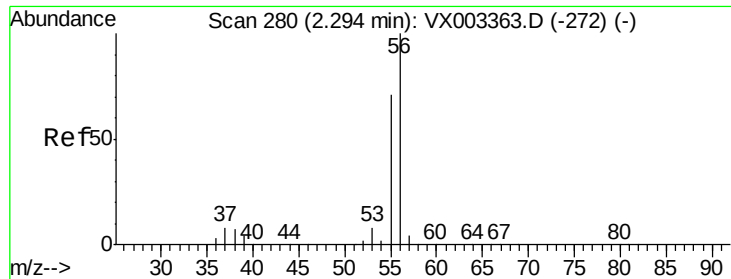


#12

1,1-Dichloroethene  
Concen: 20.85 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 96      | 96  | 100   |       |       |
| 61      | 61  | 160.2 | 137.9 | 206.9 |
| 98      | 98  | 66.5  | 51.6  | 77.4  |





#13

Acrolein

Concen: 125.24 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 56 Resp: 39154

Ion Ratio Lower Upper

56 100

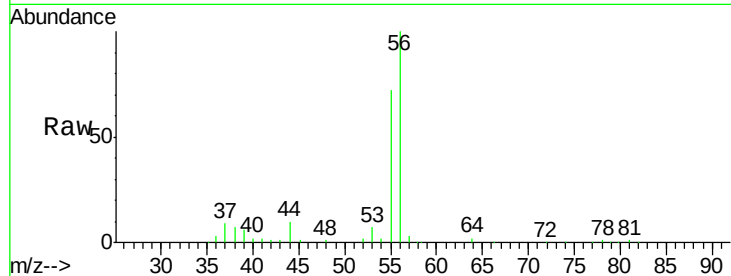
55 70.6 57.0 85.4

Manual Integrations

APPROVED

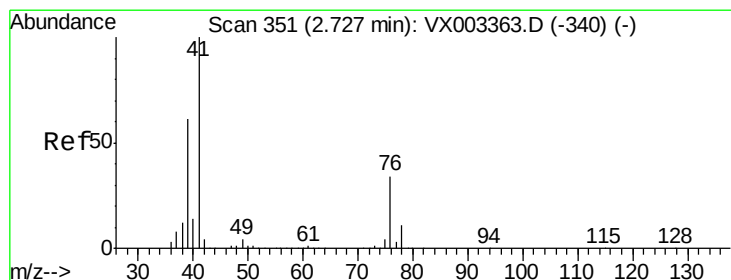
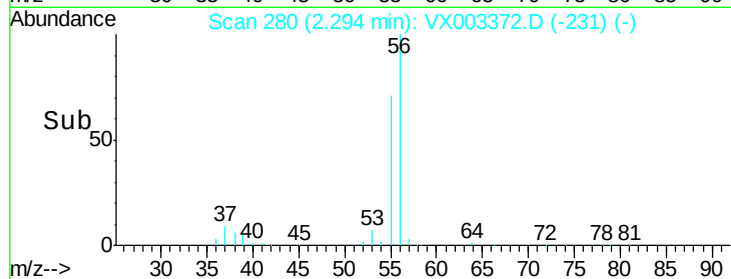
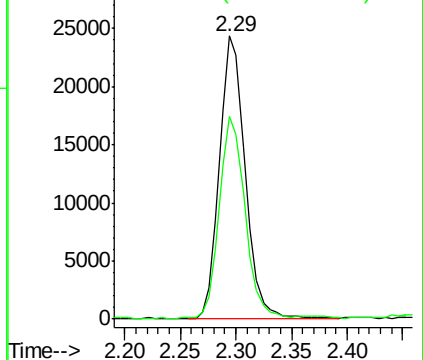
MMDadoda

7/16/2018 11:24:46 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.81 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

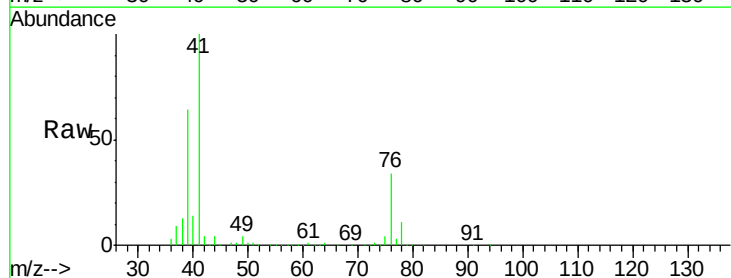
Tgt Ion: 41 Resp: 130367

Ion Ratio Lower Upper

41 100

39 59.6 56.8 85.2

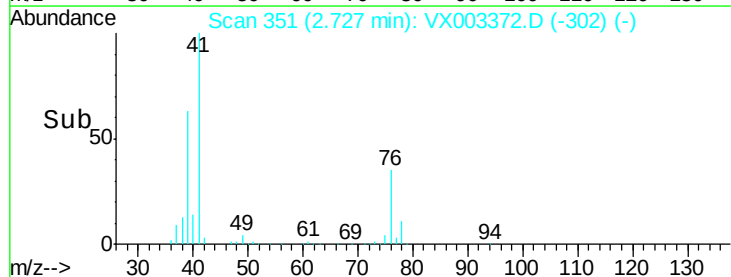
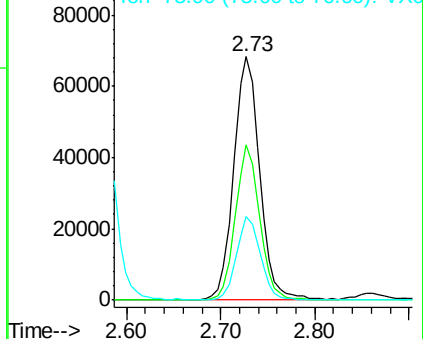
76 31.7 23.8 35.8

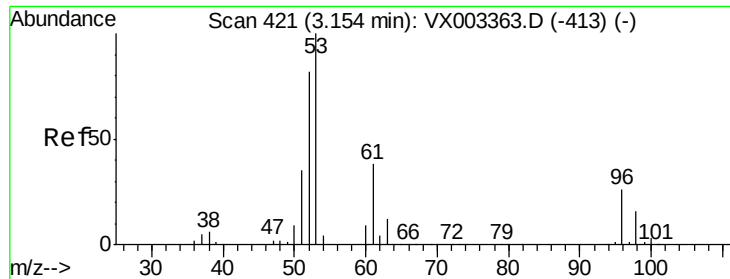


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





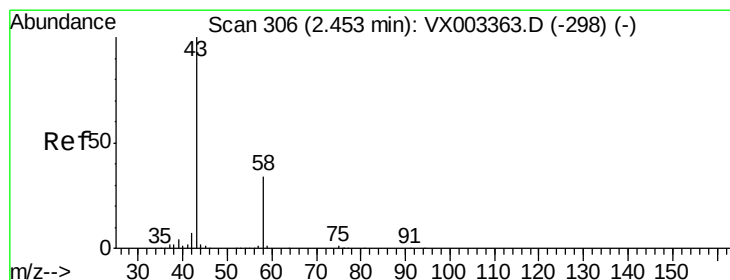
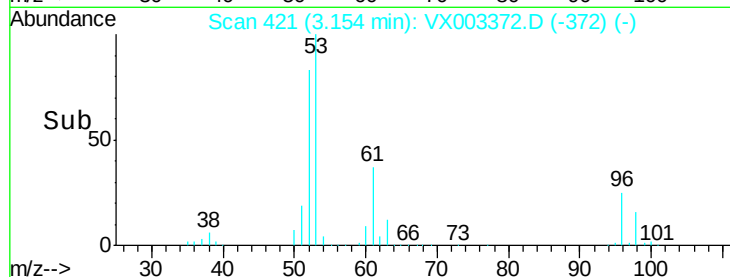
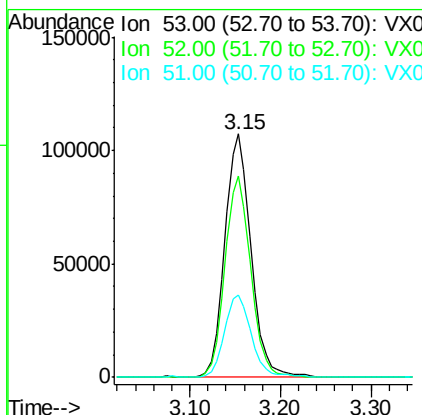
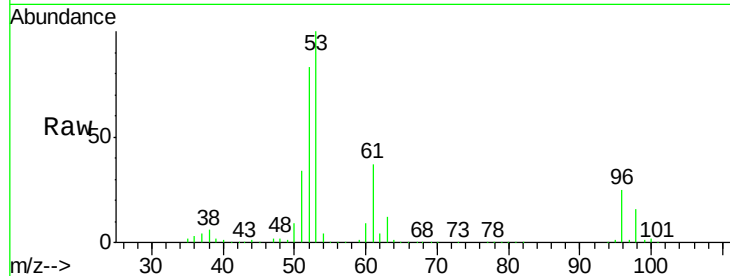
#15  
 Acrylonitrile  
 Concen: 100.26 ug/l  
 RT: 3.15 min Scan# 421  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.4  | 66.7  | 100.1 |
| 51      | 35.2  | 29.9  | 44.9  |

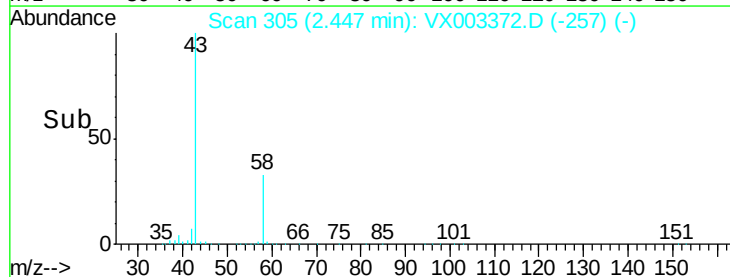
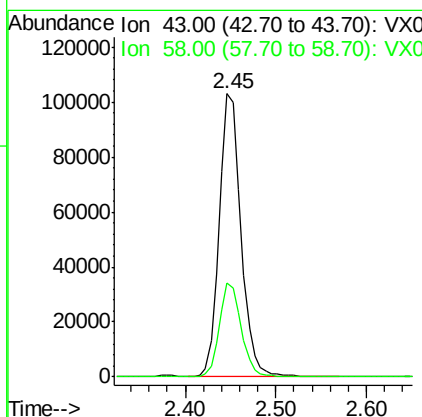
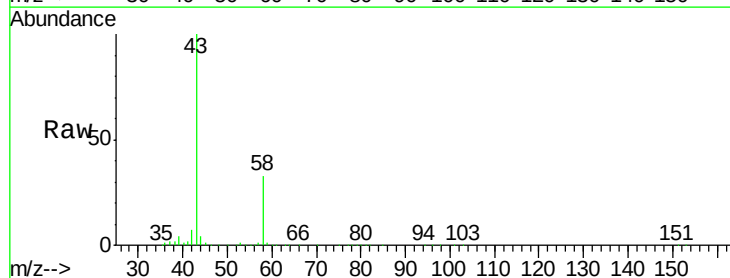
Manual Integrations  
 APPROVED

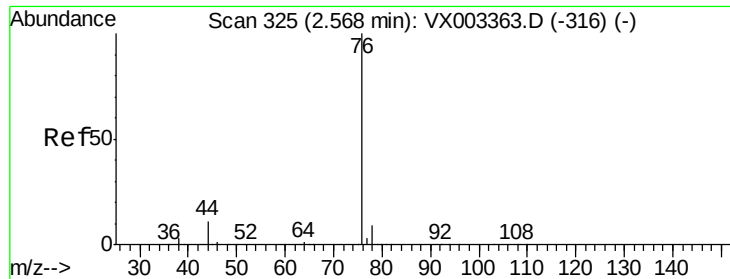
MMDadoda  
 7/16/2018 11:24:46 AM



#16  
 Acetone  
 Concen: 104.07 ug/l  
 RT: 2.45 min Scan# 305  
 Delta R.T. -0.01 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 33.1  | 22.1  | 33.1  |





#17

Carbon Disulfide

Concen: 23.67 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 76 Resp: 189828

Ion Ratio Lower Upper

76 100

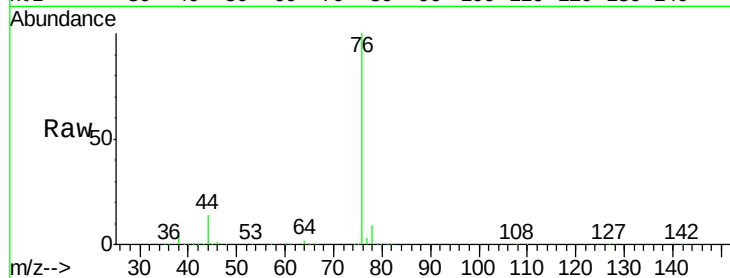
78 9.2 6.9 10.3

Manual Integrations

APPROVED

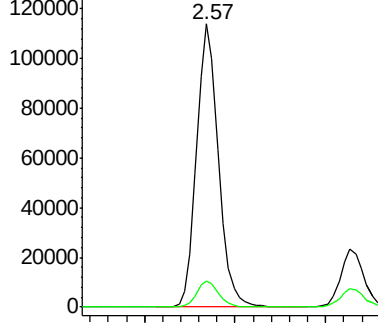
MMDadoda

7/16/2018 11:24:46 AM

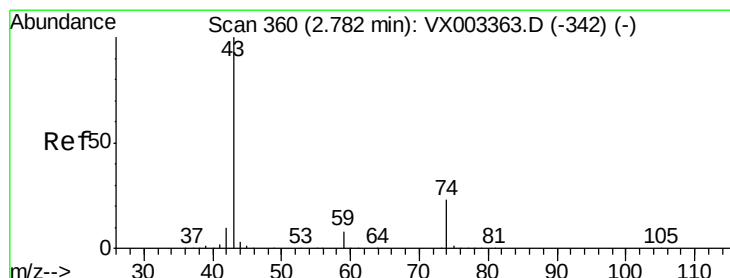
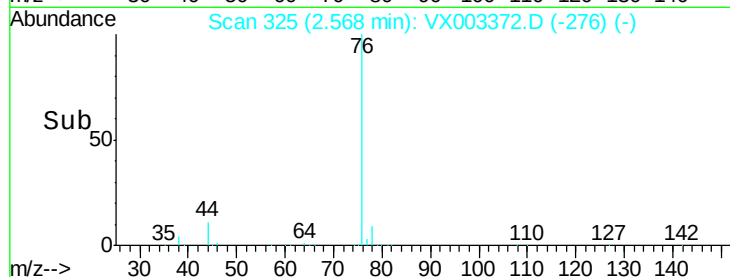


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 20.44 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003372.D

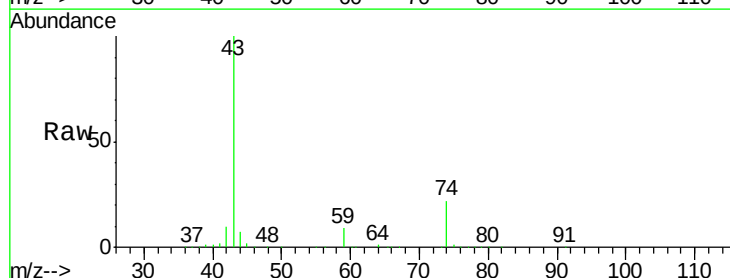
Acq: 13 Jul 2018 20:15

Tgt Ion: 43 Resp: 104821

Ion Ratio Lower Upper

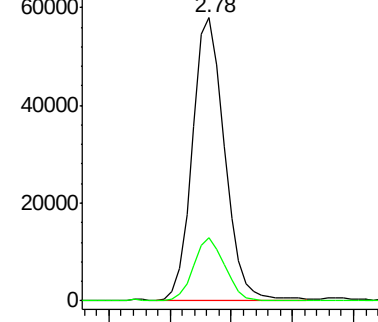
43 100

74 21.9 16.7 25.1

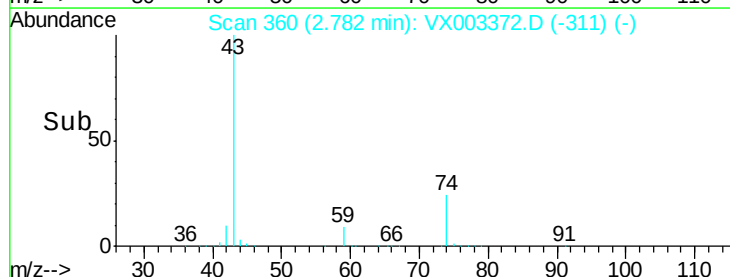


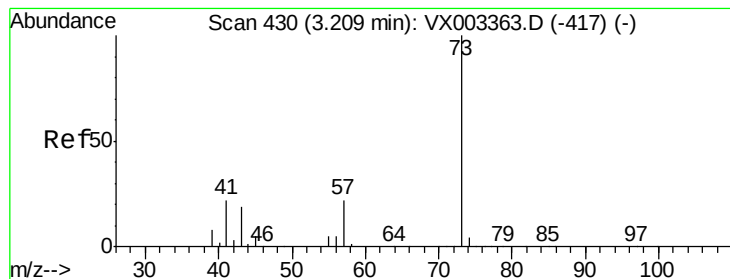
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





#19

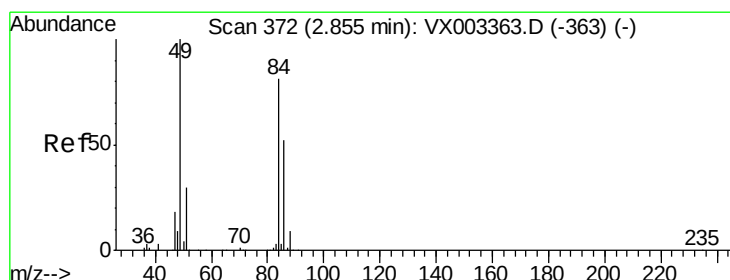
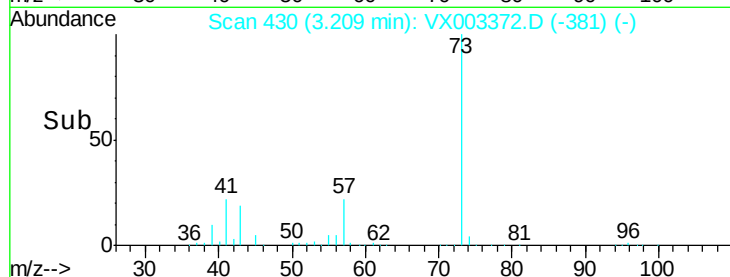
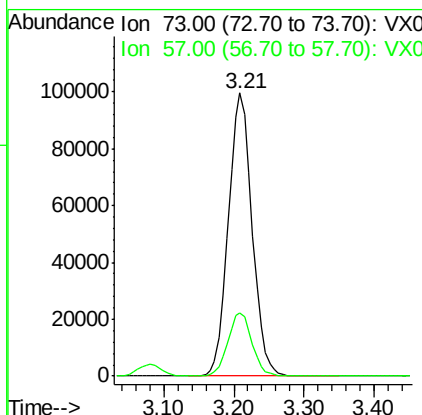
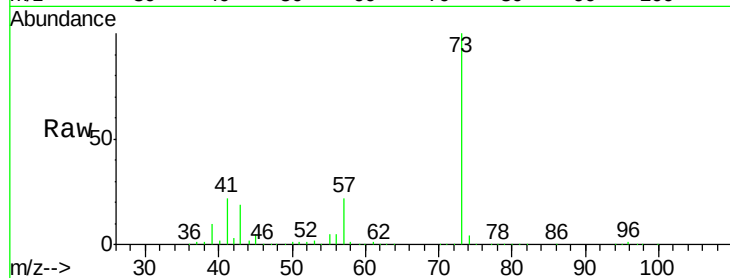
Methyl tert-butyl Ether  
 Concen: 20.08 ug/l  
 RT: 3.21 min Scan# 430  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion   | 73   | Resp  | 234469 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 73        | 100  |       |        |
| 57        | 22.3 | 17.7  | 26.5   |

Manual Integrations  
 APPROVED

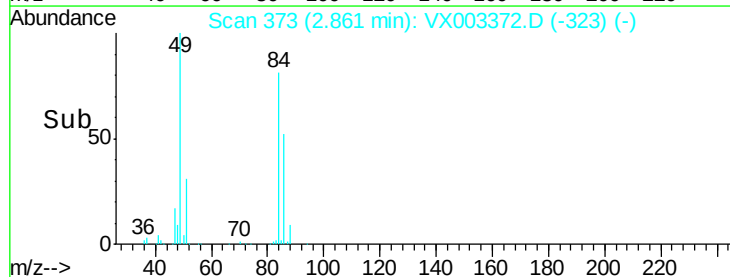
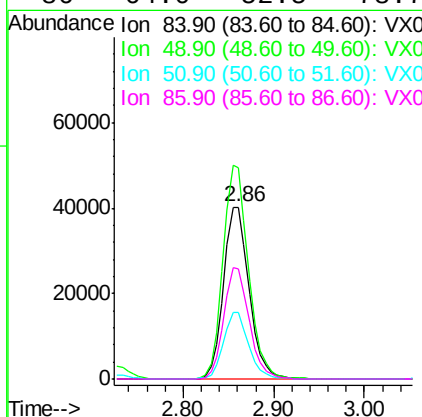
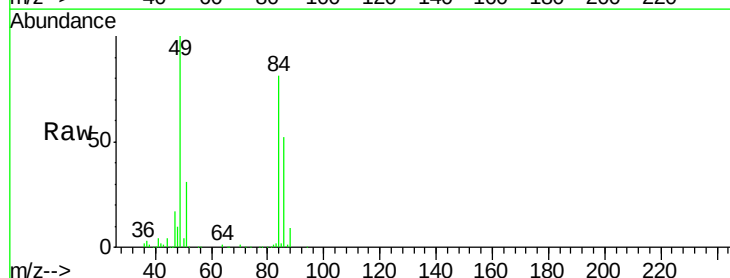
MMDadoda  
 7/16/2018 11:24:46 AM

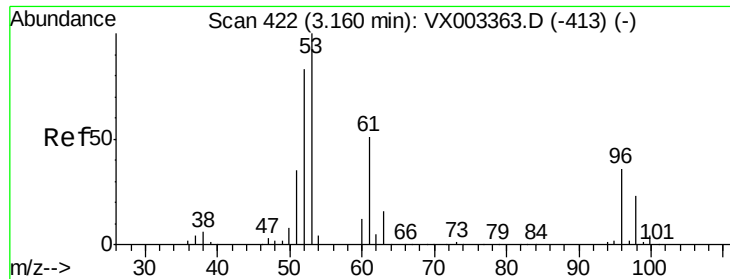


#20

Methylene Chloride  
 Concen: 21.76 ug/l  
 RT: 2.86 min Scan# 373  
 Delta R.T. 0.01 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion   | 84    | Resp  | 79103 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 84        | 100   |       |       |
| 49        | 122.8 | 107.8 | 161.6 |
| 51        | 38.4  | 32.8  | 49.2  |
| 86        | 64.0  | 52.5  | 78.7  |





#21

trans-1,2-Dichloroethene

Concen: 21.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

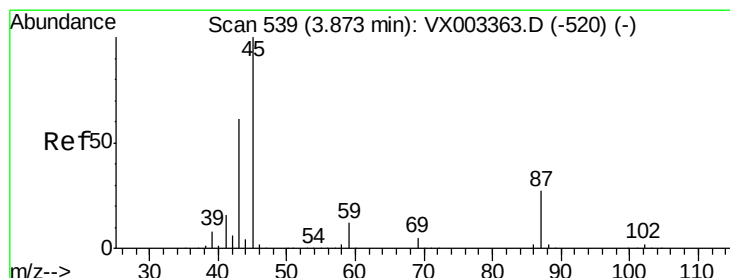
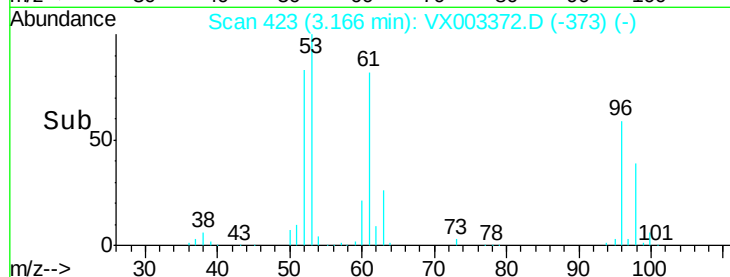
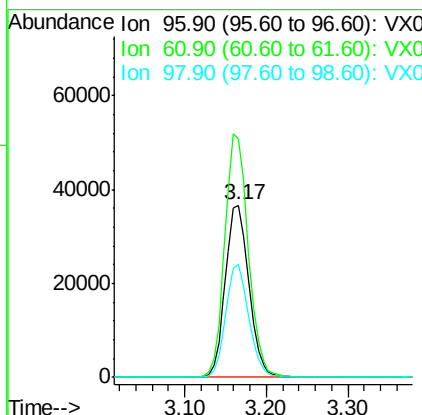
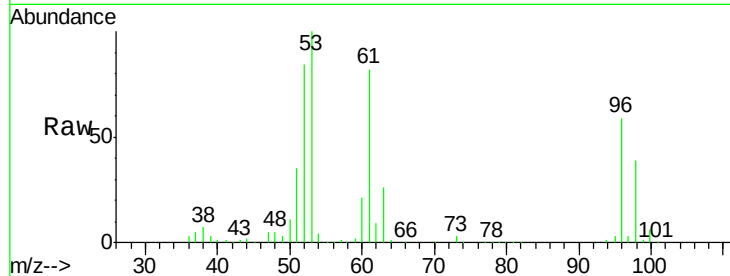
ClientSampleId :

VX0713WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 73254 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 138.5 | 117.0 | 175.4 |
| 98       | 65.9  | 52.4  | 78.6  |

Manual Integrations  
APPROVED

MMDadoda  
7/16/2018 11:24:46 AM



#22

Diisopropyl ether

Concen: 19.15 ug/l

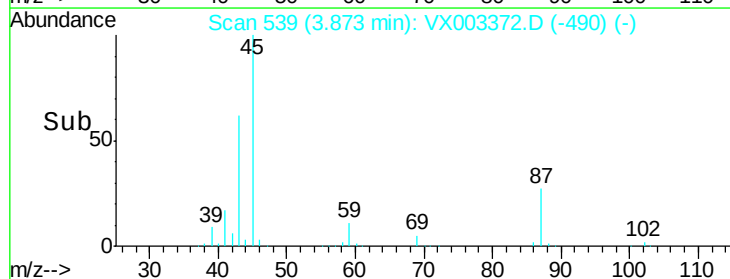
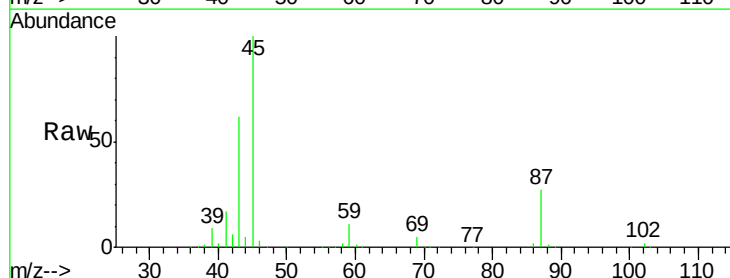
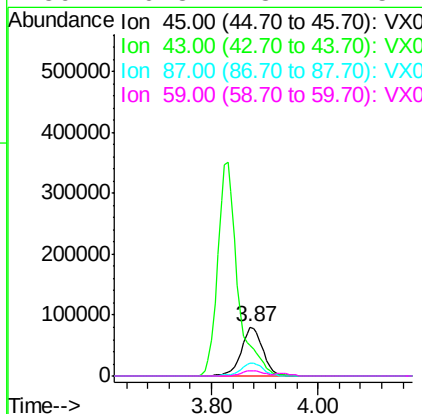
RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

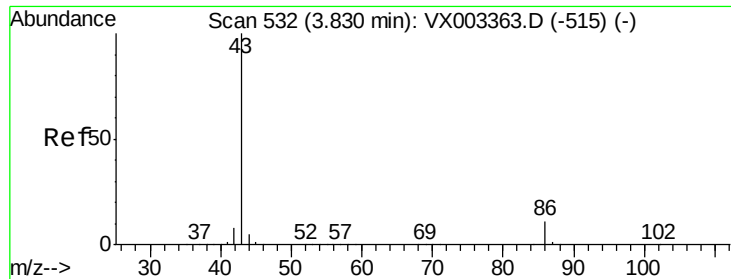
Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 223343 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 61.8  | 46.8  | 70.2   |
| 87       | 27.1  | 20.2  | 30.4   |
| 59       | 10.8  | 8.7   | 13.1   |







#23

Vinyl Acetate

Concen: 96.60 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 43 Resp: 920478

Ion Ratio Lower Upper

43 100

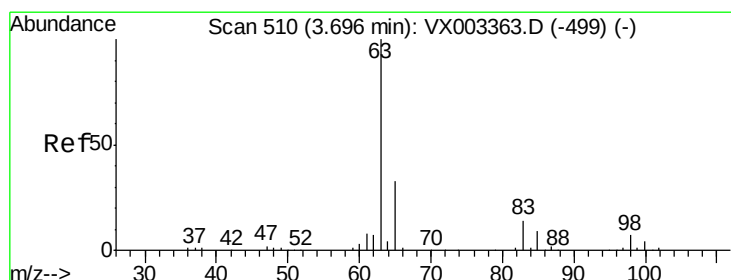
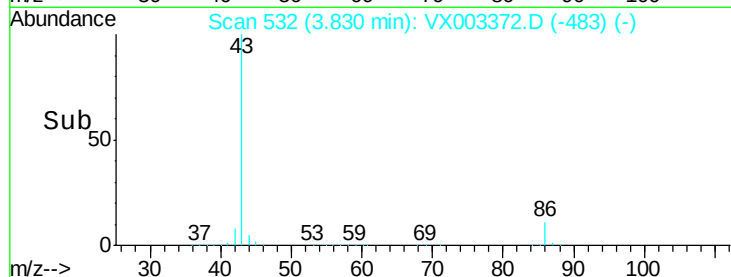
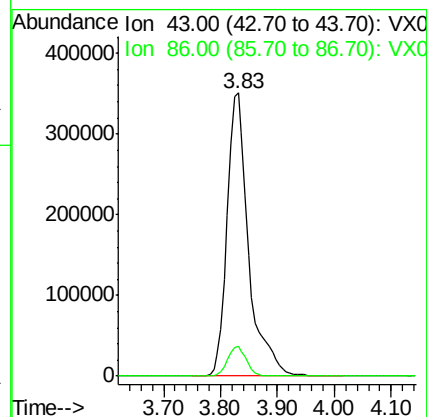
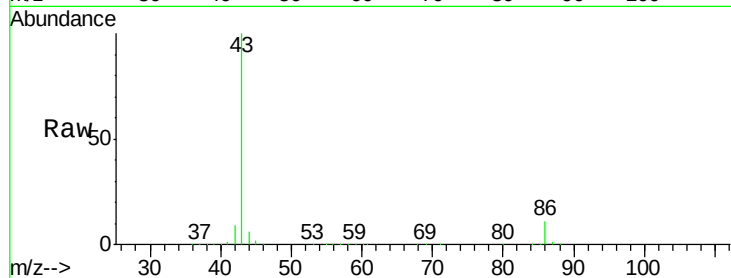
86 10.6 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 21.23 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

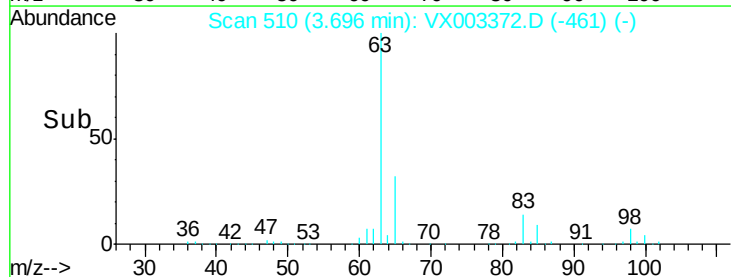
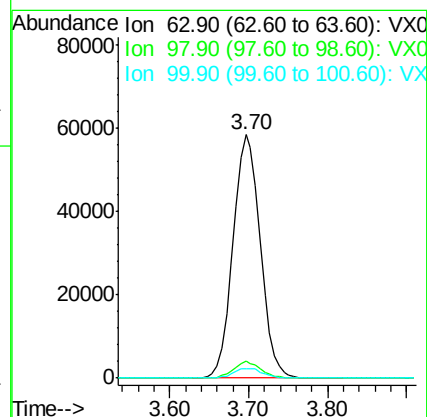
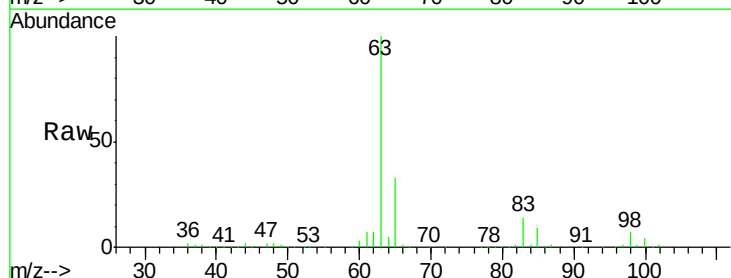
Tgt Ion: 63 Resp: 140334

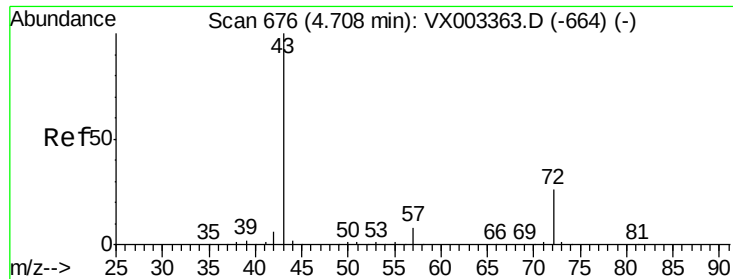
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 3.8 2.0 6.0





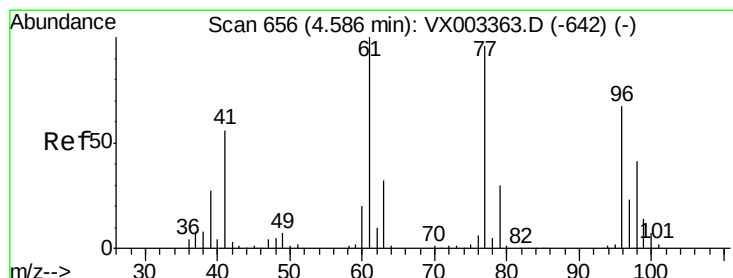
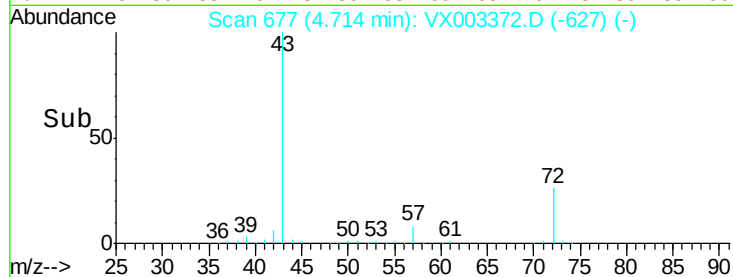
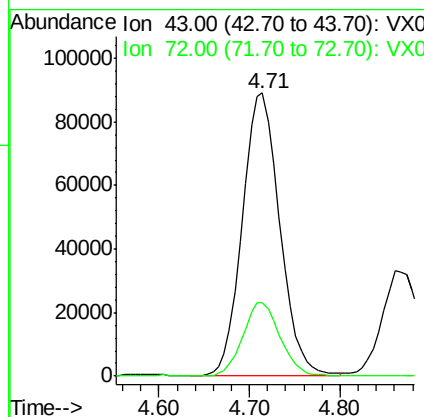
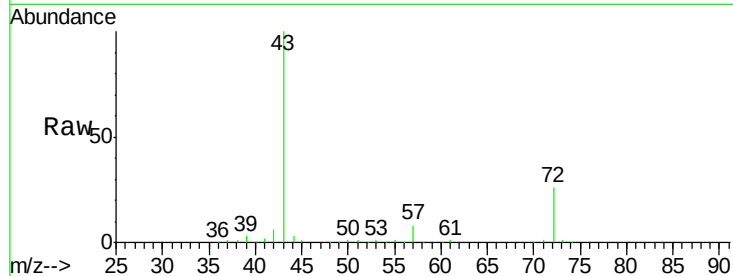
#25  
 2-Butanone  
 Concen: 99.28 ug/l  
 RT: 4.71 min Scan# 677  
 Delta R.T. 0.01 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Tot Ion: 43 Resp: 254101  
 Ion Ratio Lower Upper  
 43 100  
 72 25.9 18.5 27.7

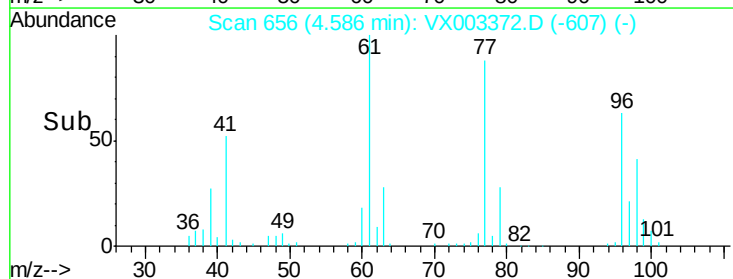
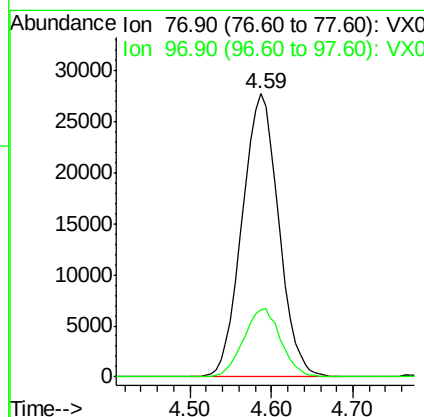
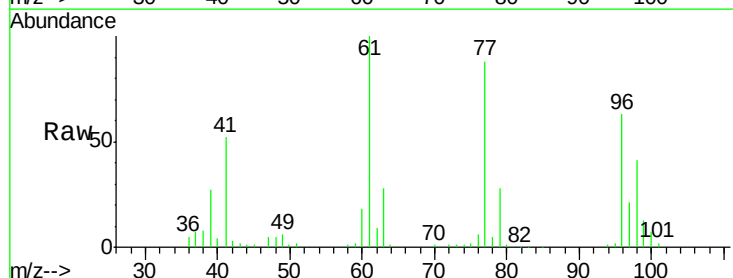
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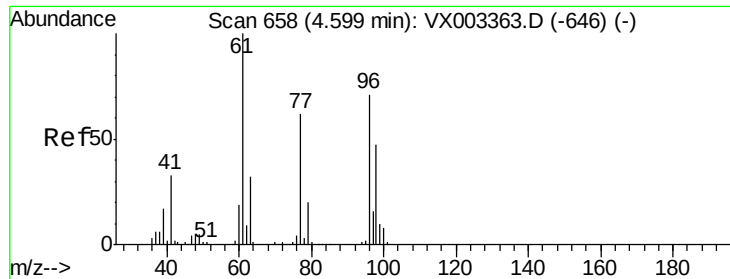
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#26  
 2,2-Dichloropropane  
 Concen: 18.47 ug/l  
 RT: 4.59 min Scan# 656  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Tgt Ion: 77 Resp: 86445  
 Ion Ratio Lower Upper  
 77 100  
 97 24.4 11.2 33.5





#27

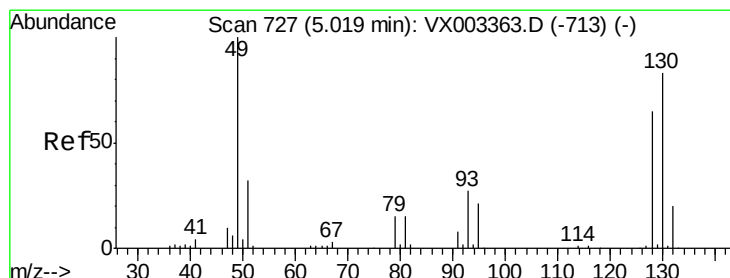
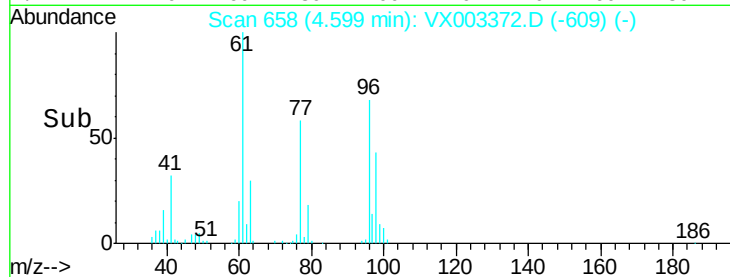
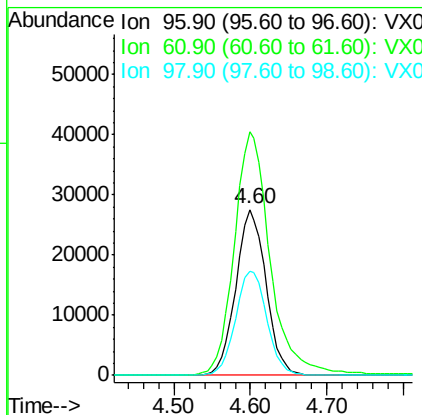
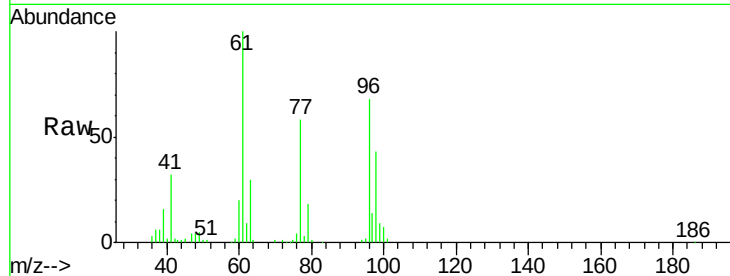
cis-1,2-Dichloroethene  
Concen: 19.75 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 174.8 | 0.0   | 330.2 |
| 98      | 65.0  | 0.0   | 130.2 |

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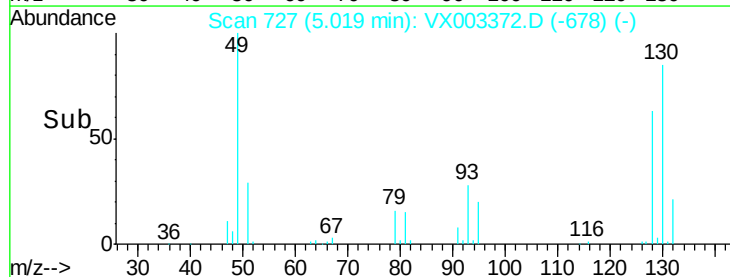
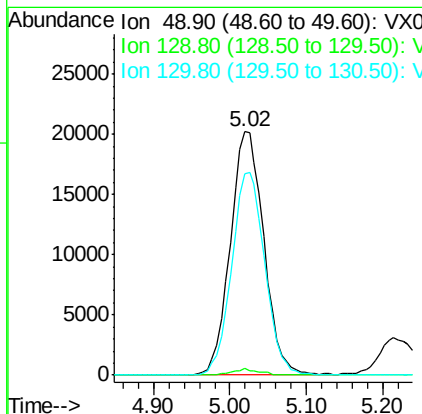
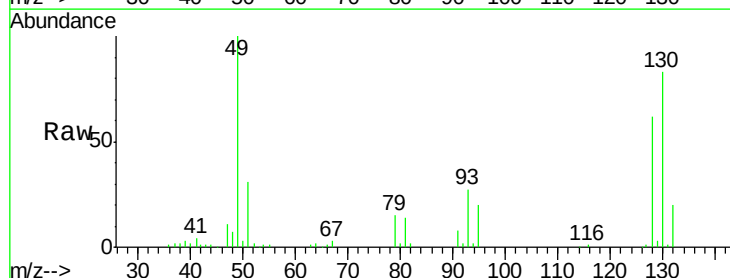
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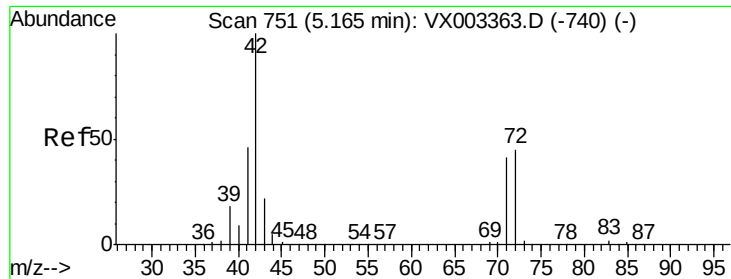


#28

Bromochloromethane  
Concen: 20.33 ug/l  
RT: 5.02 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 4.2   |
| 130     | 82.3  | 61.2  | 91.8  |





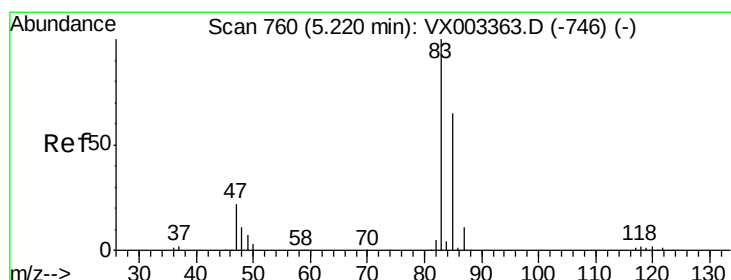
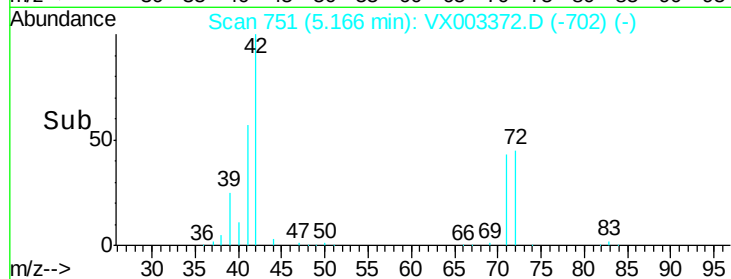
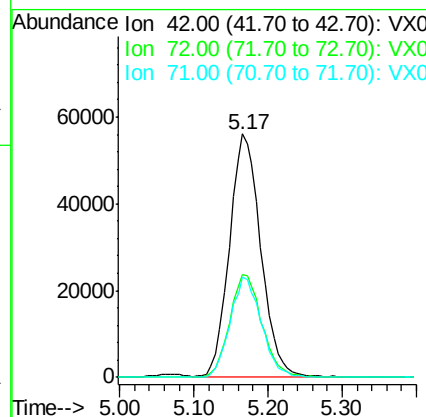
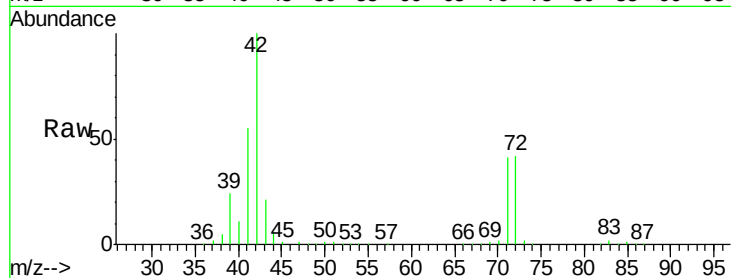
#29  
Tetrahydrofuran  
Concen: 100.61 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 32.0  | 48.0  |
| 71      | 41.1  | 30.1  | 45.1  |

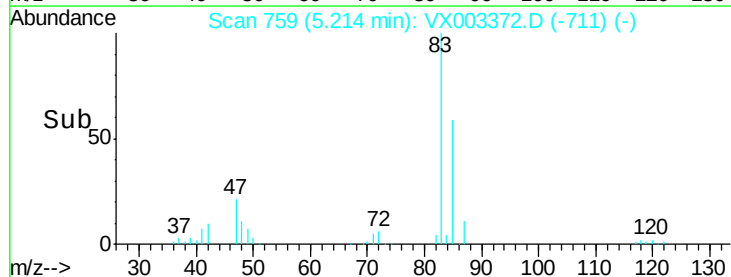
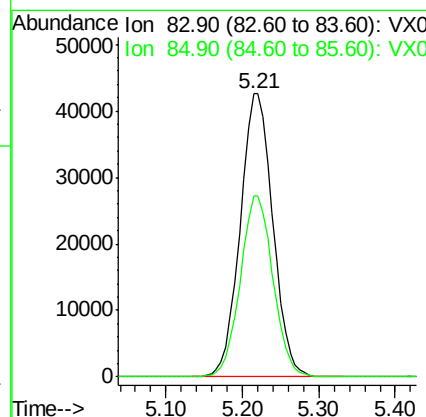
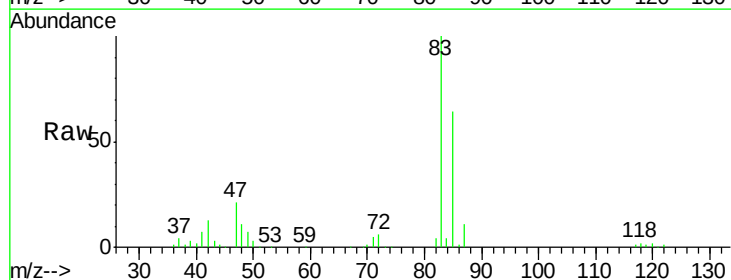
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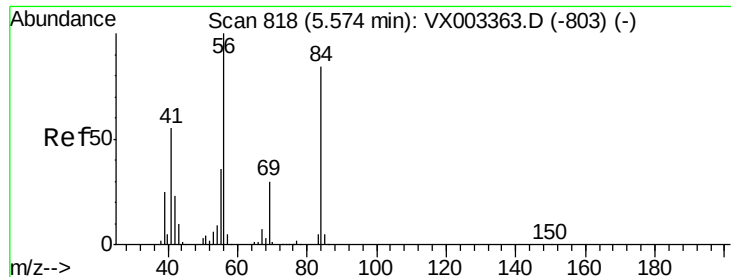
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#30  
Chloroform  
Concen: 19.88 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 21.41 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

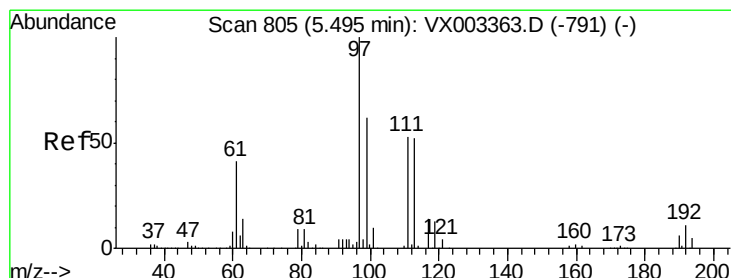
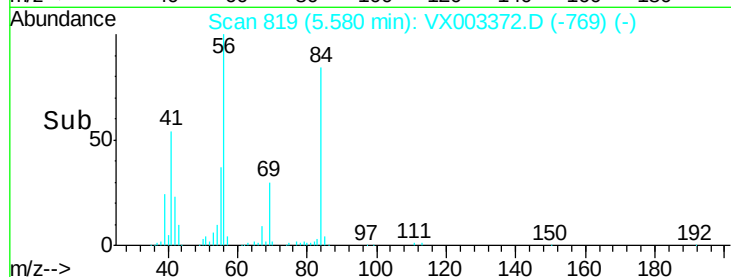
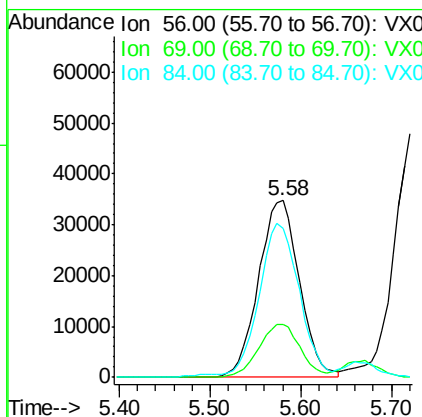
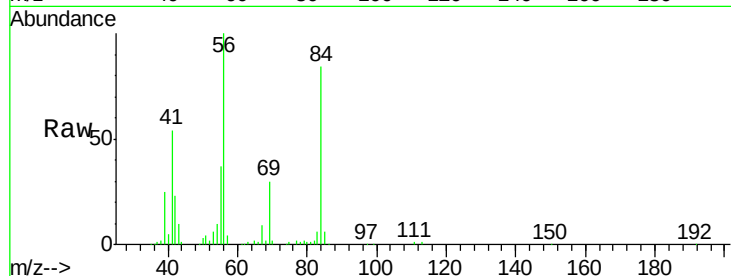
ClientSampleId :

VX0713WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 29.7 | 23.7  | 35.5  |       |
| 84      | 83.5 | 64.1  | 96.1  |       |

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#32

1,1,1-Trichloroethane

Concen: 20.03 ug/l

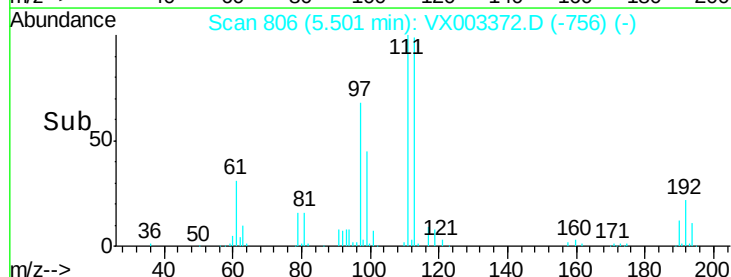
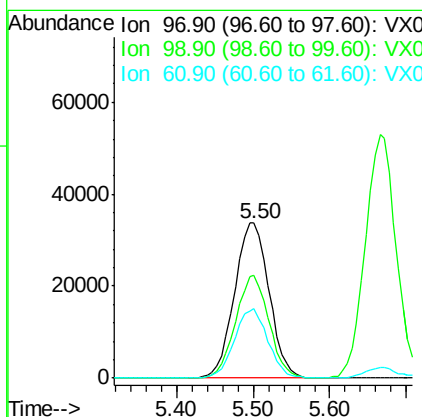
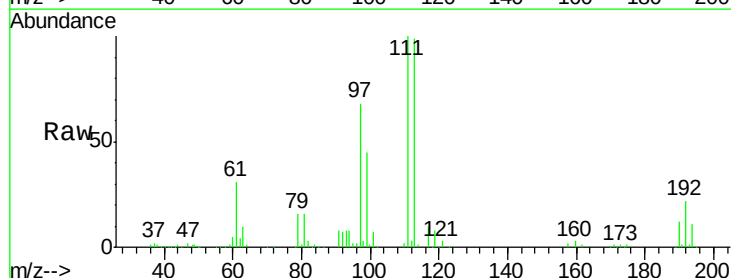
RT: 5.50 min Scan# 806

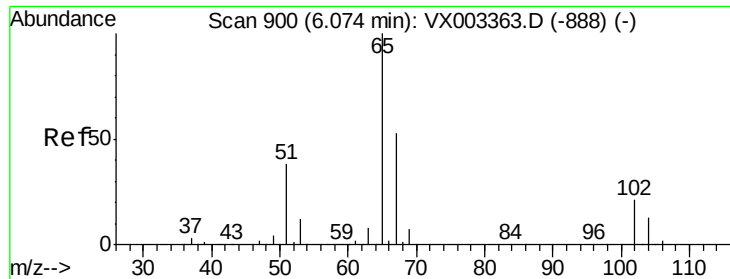
Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 63.9 | 51.6  | 77.4  |       |
| 61      | 43.4 | 36.4  | 54.6  |       |





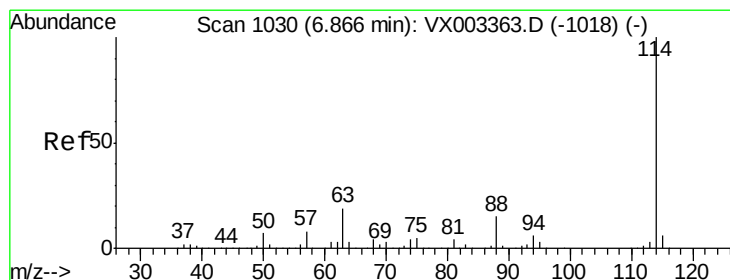
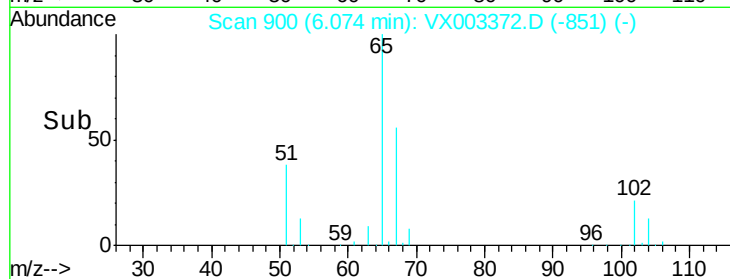
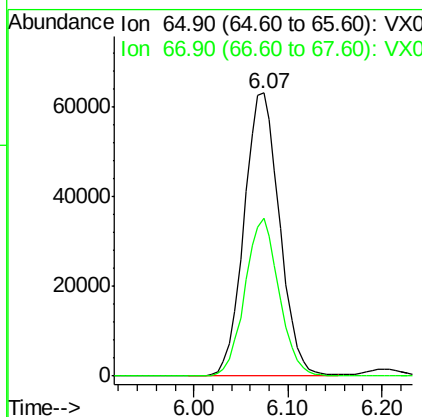
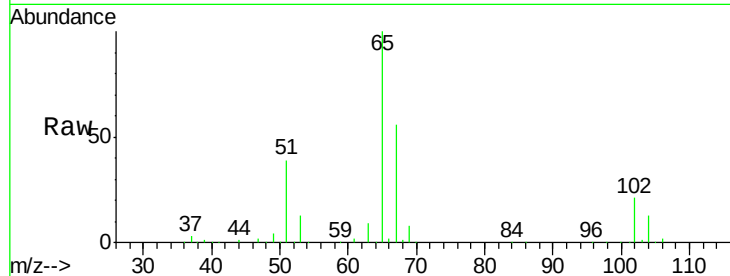
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.70 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 166670 |       |       |
| 67      | 53.6  | 0.0    | 102.6 |       |

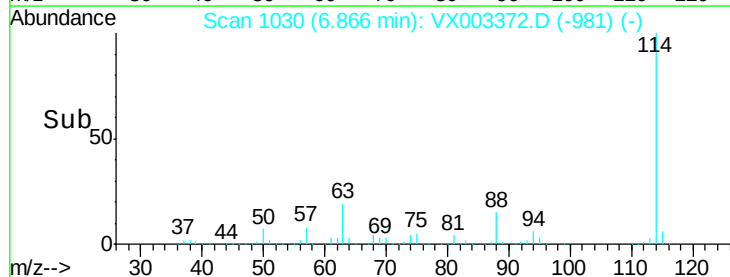
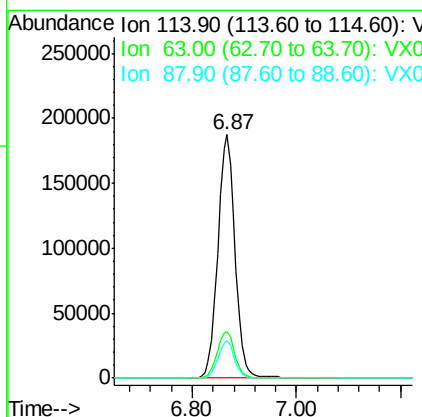
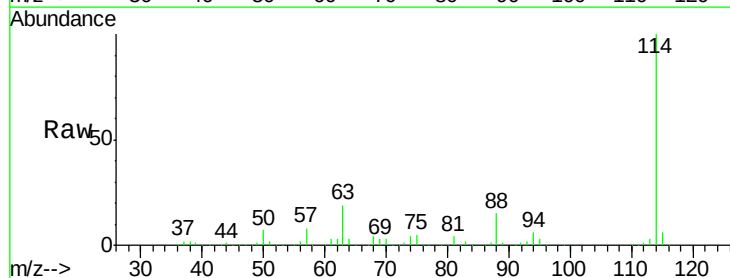
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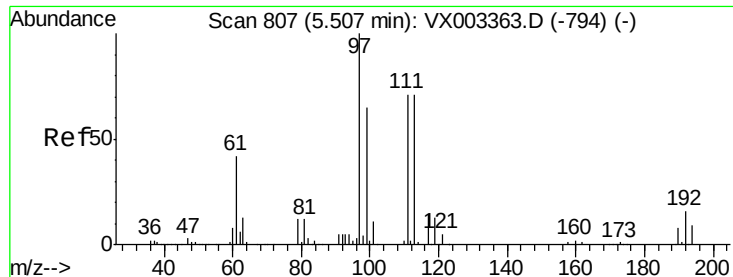
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 433240 |       |       |
| 63      | 19.1  | 0.0    | 41.4  |       |
| 88      | 15.3  | 0.0    | 30.0  |       |





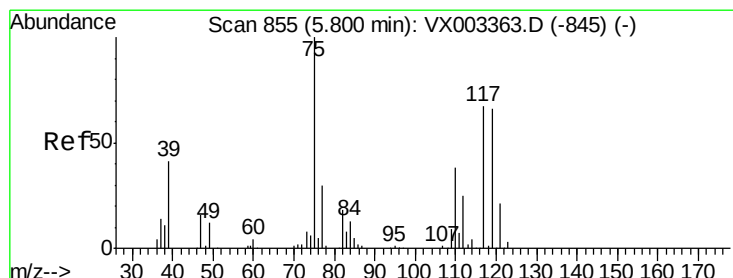
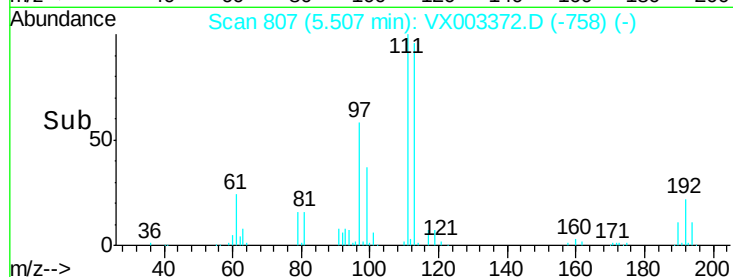
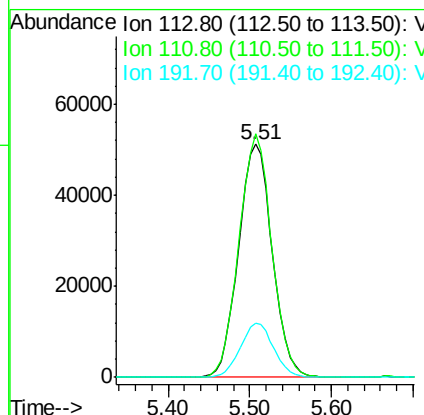
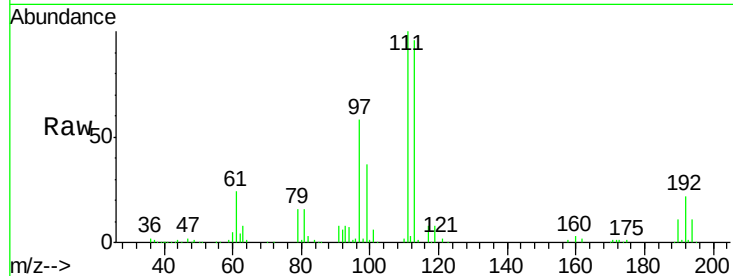
#35  
 Dibromofluoromethane  
 Concen: 46.07 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 146888 |       |       |
| 111     | 101.9 | 81.4   | 122.0 |       |
| 192     | 22.9  | 19.1   | 28.7  |       |

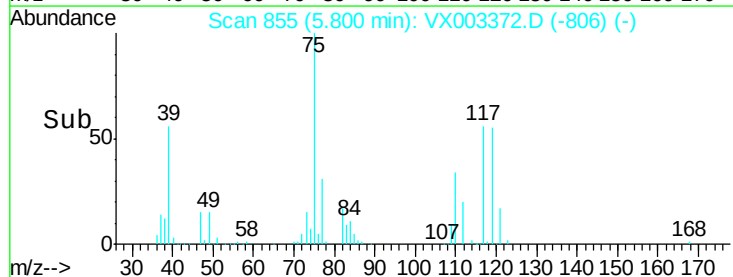
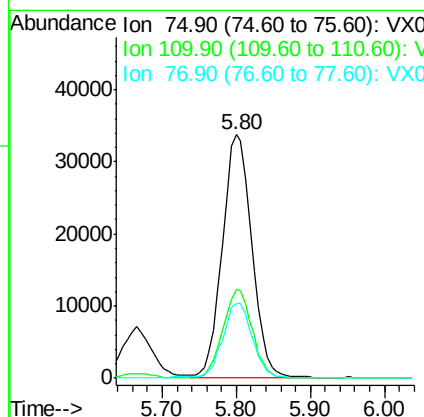
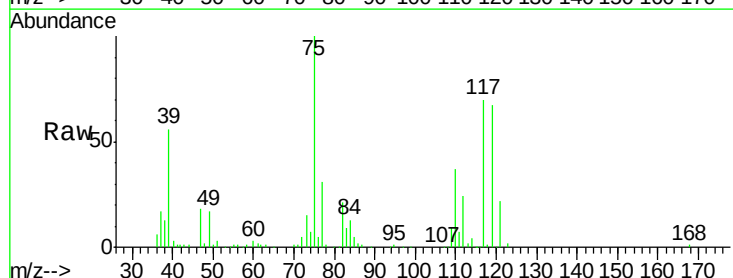
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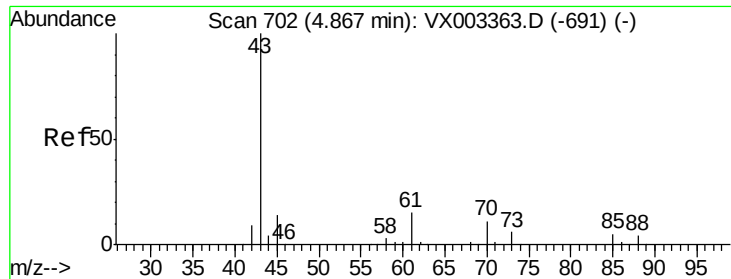
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 7/16/2018 11:24:46 AM



#36  
 1,1-Dichloropropene  
 Concen: 20.14 ug/l  
 RT: 5.80 min Scan# 855  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 92695 |       |       |
| 110     | 36.5  | 18.1  | 54.4  |       |
| 77      | 31.2  | 24.3  | 36.5  |       |





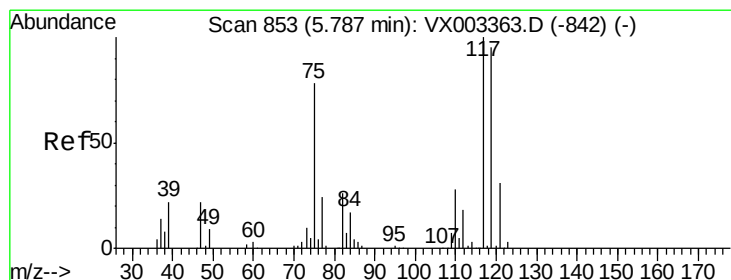
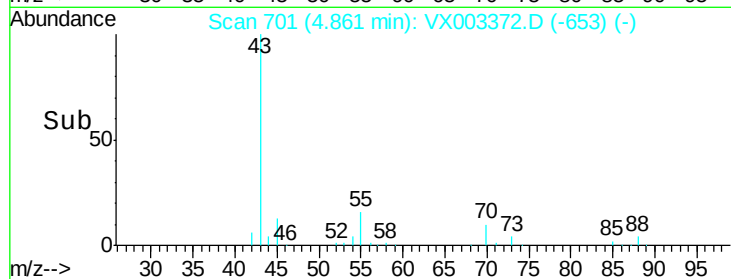
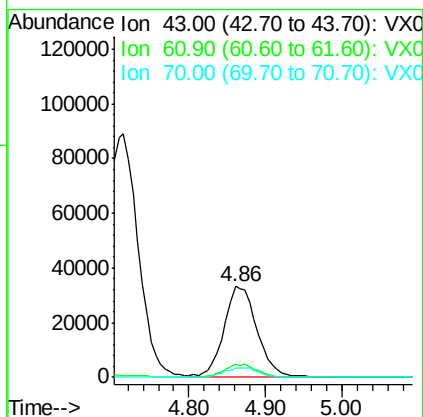
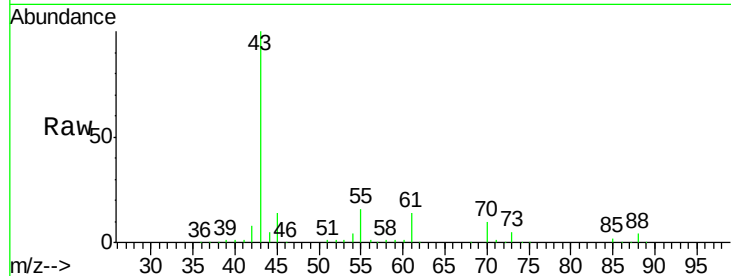
#37  
Ethyl Acetate  
Concen: 19.44 ug/l  
RT: 4.86 min Scan# 701  
Delta R.T. -0.01 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.8  | 10.4  | 15.6  |
| 70      | 10.8  | 7.6   | 11.4  |

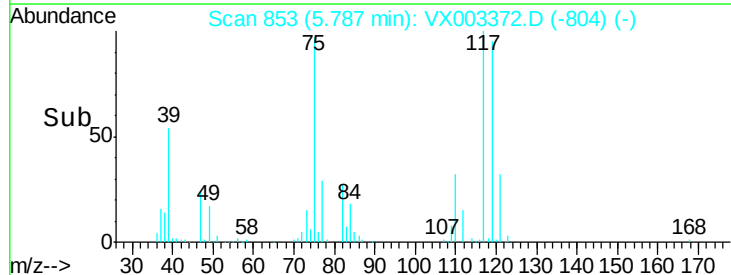
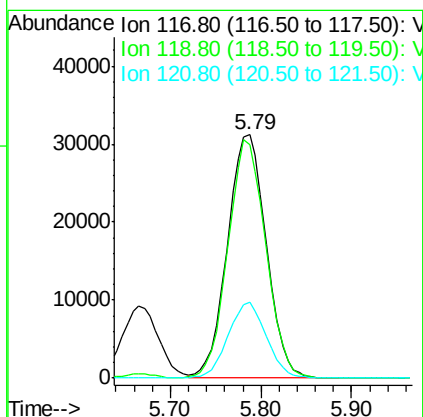
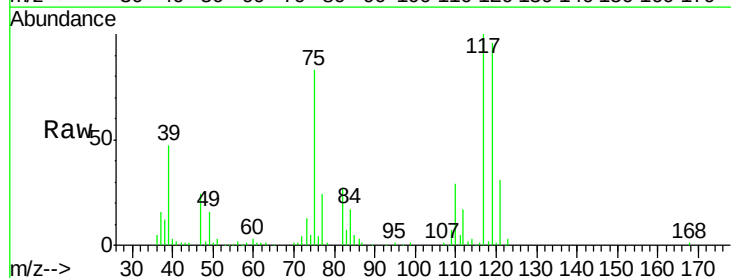
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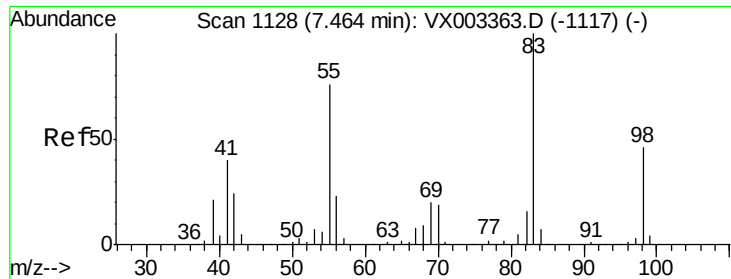


#38  
Carbon Tetrachloride  
Concen: 19.75 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.9  | 77.4  | 116.0 |
| 121     | 31.4  | 24.4  | 36.6  |







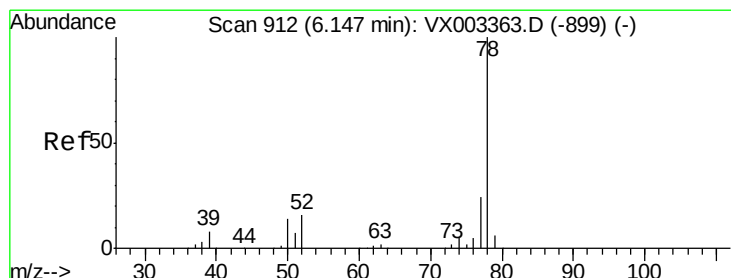
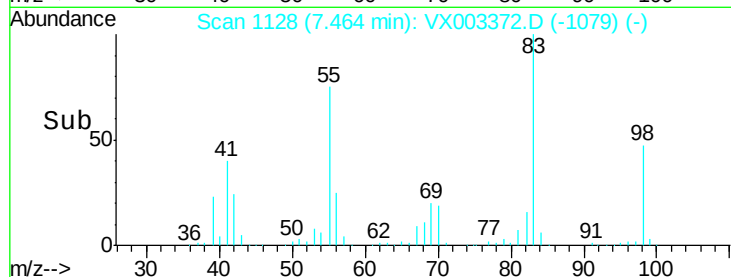
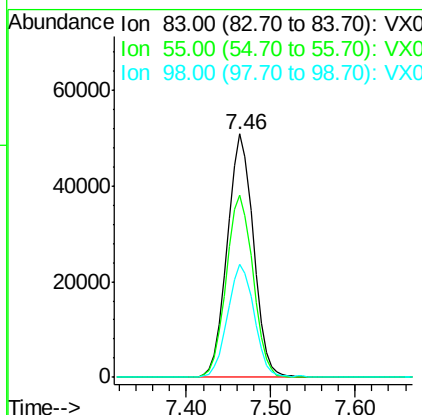
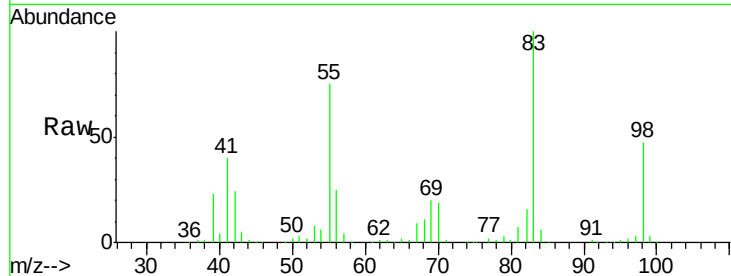
#39  
Methylvlcyclohexane  
Concen: 20.51 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion   | 83.00 | Resp  | 106856 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 74.6  | 65.4  | 98.0   |
| 98        | 46.5  | 37.4  | 56.0   |

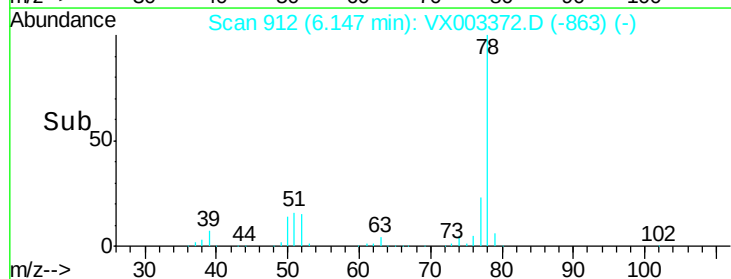
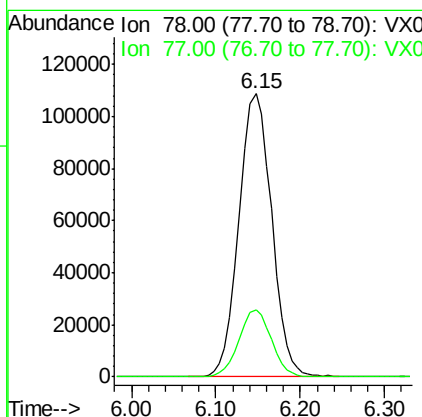
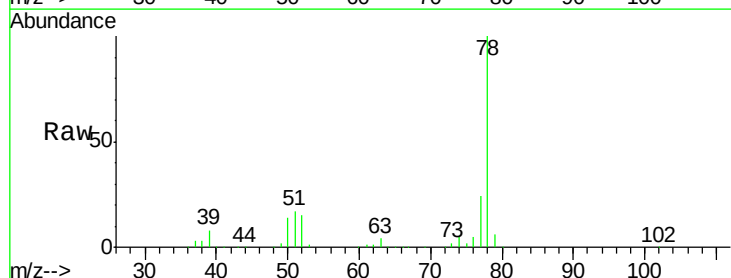
Manual Integrations  
APPROVED

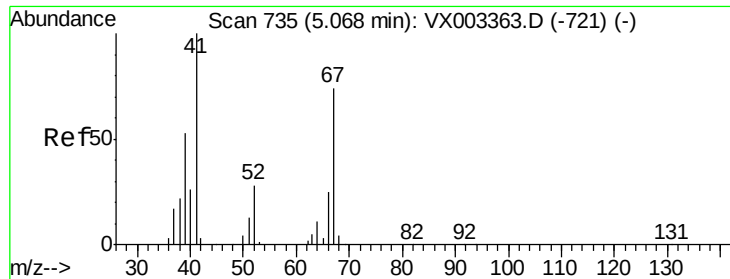
MMDadoda  
7/16/2018 11:24:46 AM



#40  
Benzene  
Concen: 19.93 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion   | 78.00 | Resp  | 287310 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.7  | 19.1  | 28.7   |





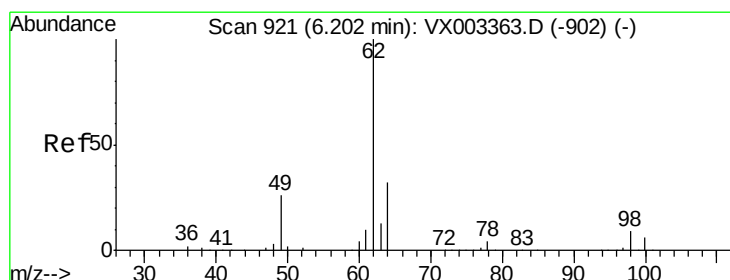
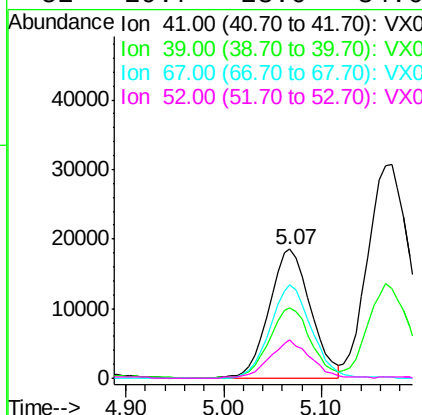
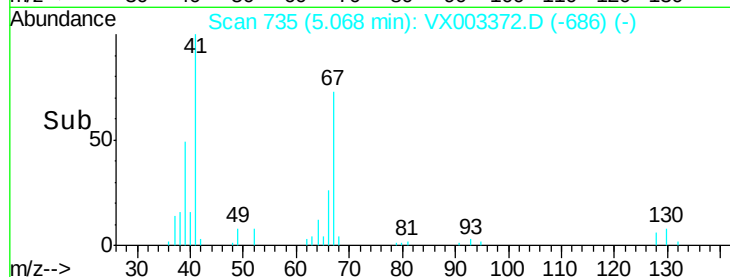
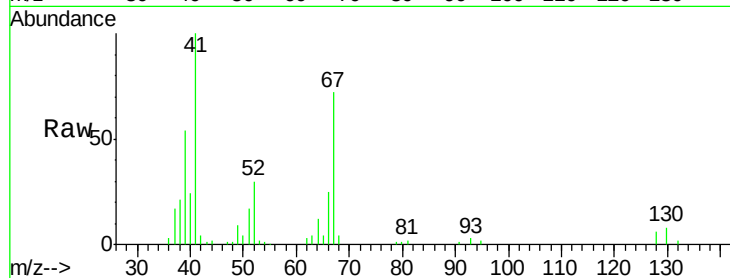
#41  
Methacrylonitrile  
Concen: 19.08 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 54.7  | 45.8  | 68.6  |
| 67      | 71.8  | 51.3  | 76.9  |
| 52      | 29.7  | 23.0  | 34.6  |

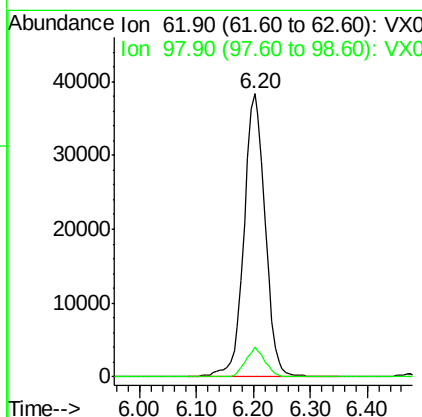
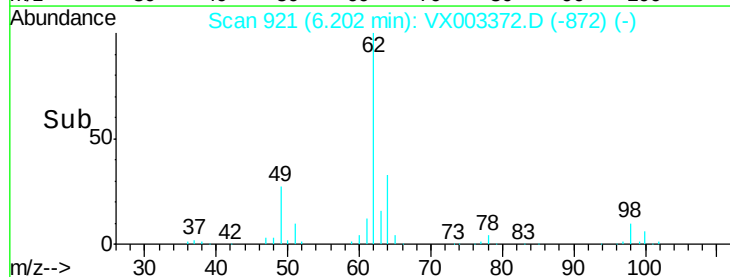
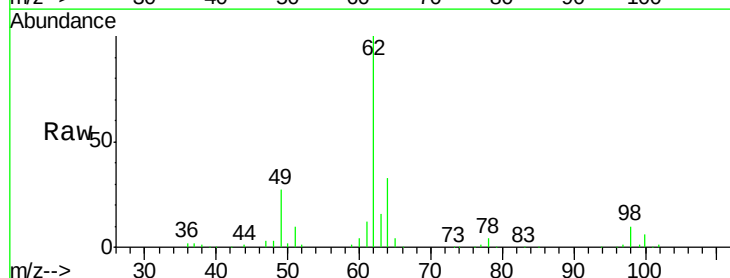
Manual Integrations  
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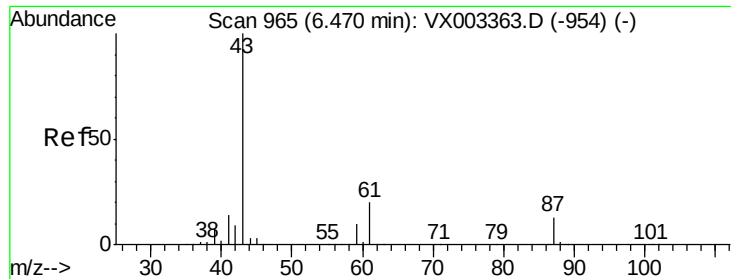
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 19.77 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.4   | 0.0   | 16.6  |





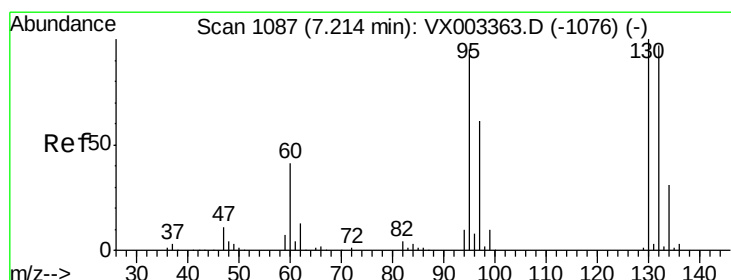
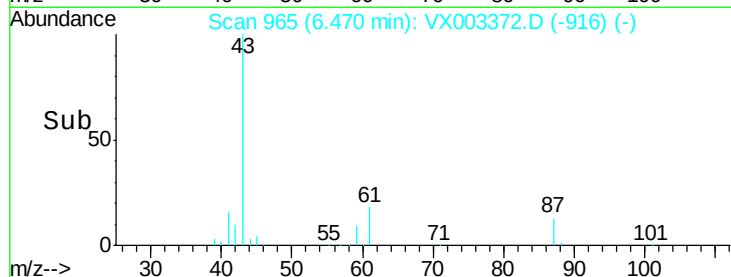
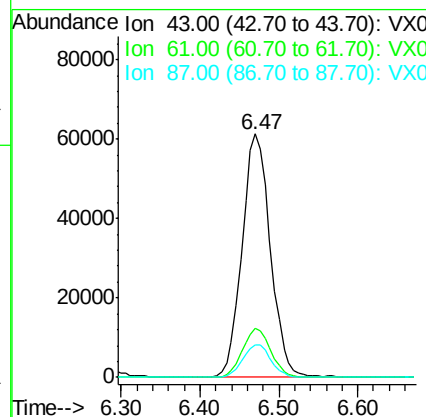
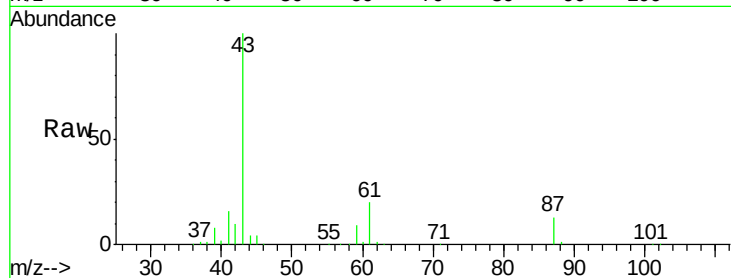
#43  
Isopropyl Acetate  
Concen: 19.39 ug/l  
RT: 6.47 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion   | 43    | Resp  | 153291 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 20.1  | 14.4  | 21.6   |
| 87        | 13.4  | 9.5   | 14.3   |

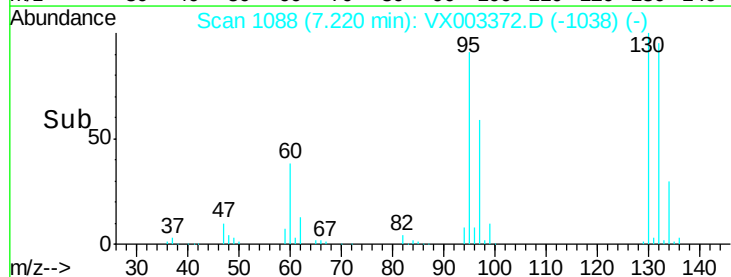
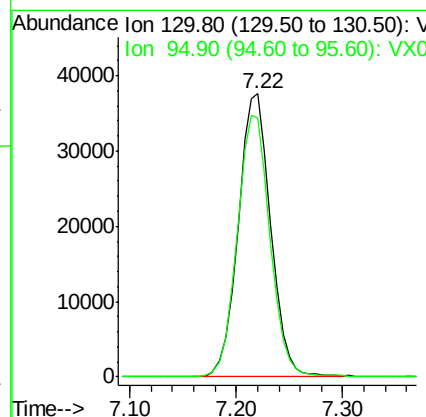
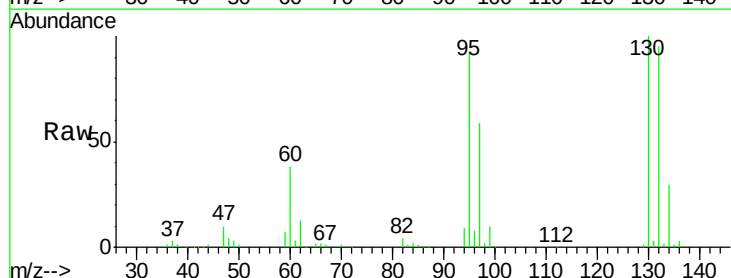
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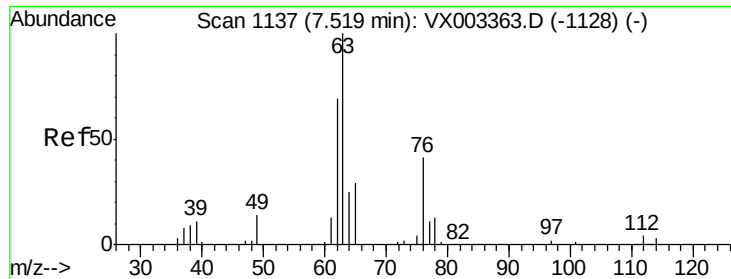
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#44  
Trichloroethene  
Concen: 19.66 ug/l  
RT: 7.22 min Scan# 1088  
Delta R.T. 0.01 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion   | 130   | Resp  | 80300 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 91.5  | 0.0   | 185.4 |





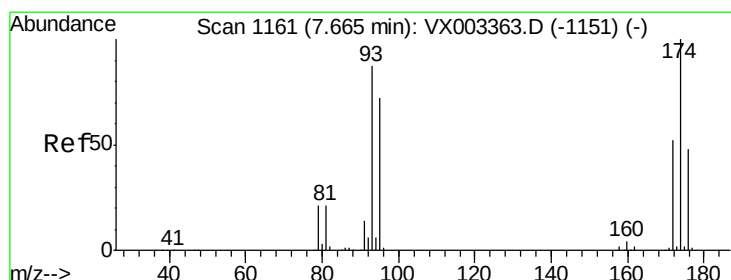
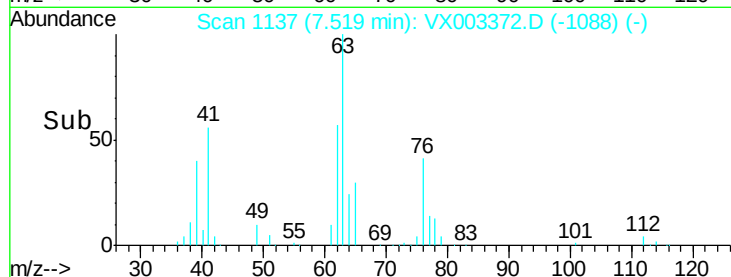
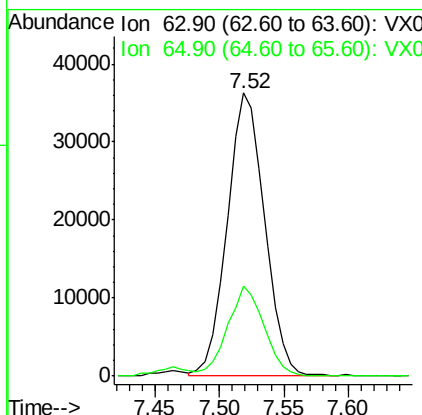
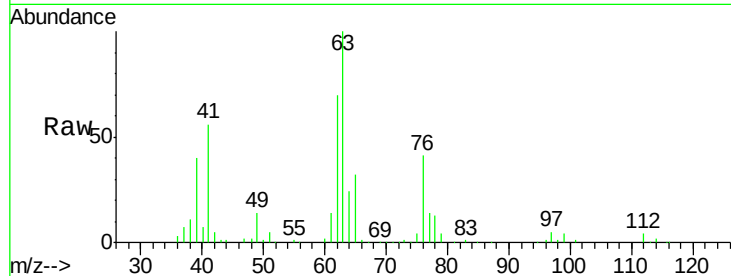
#45  
 1,2-Dichloropropane  
 Concen: 19.10 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Tot Ion: 63 Resp: 73024  
 Ion Ratio Lower Upper  
 63 100  
 65 31.7 24.7 37.1

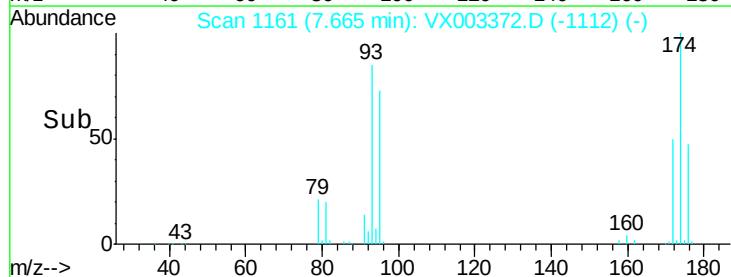
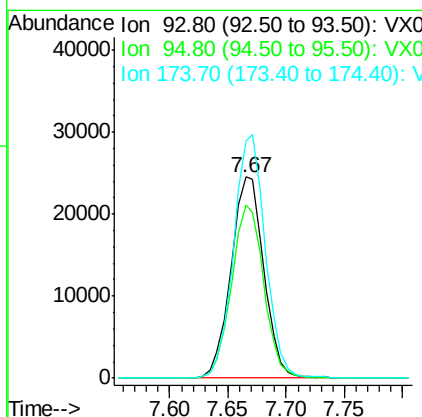
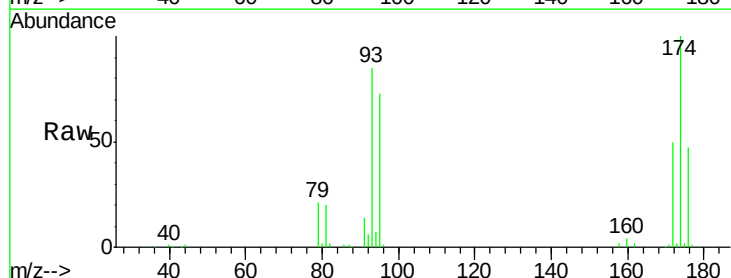
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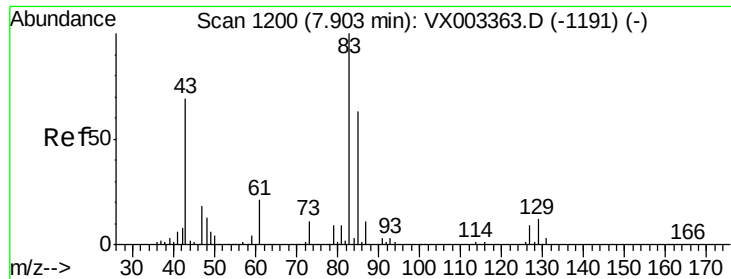
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#46  
 Dibromomethane  
 Concen: 19.62 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Tgt Ion: 93 Resp: 48231  
 Ion Ratio Lower Upper  
 93 100  
 95 84.8 65.9 98.9  
 174 117.0 92.4 138.6





#47

Bromodichloromethane

Concen: 19.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

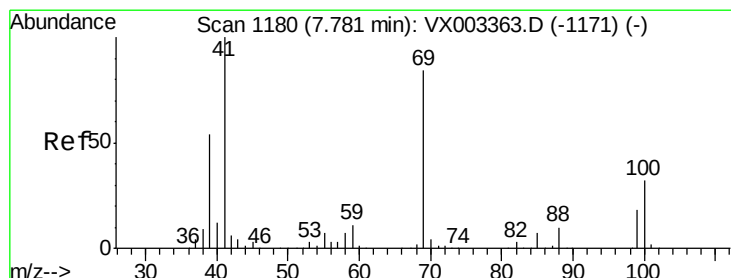
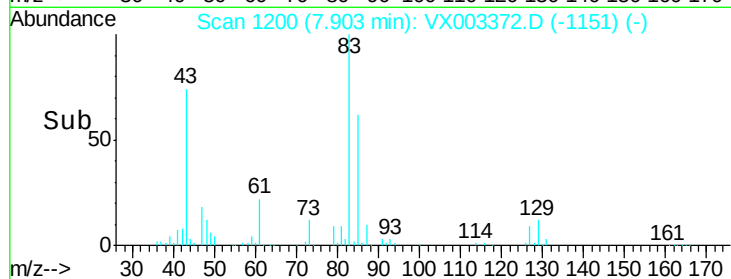
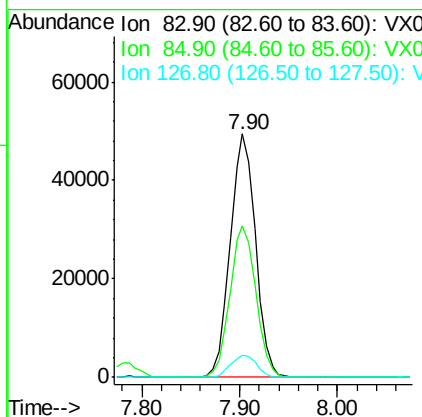
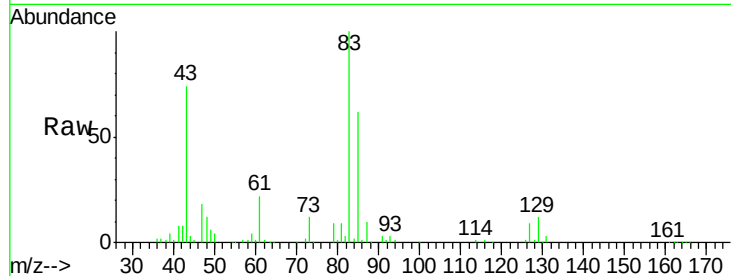
ClientSampleId :

VX0713WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 88655 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.4  | 50.3  | 75.5  |
| 127      | 9.0   | 7.0   | 10.4  |

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#48

Methyl methacrylate

Concen: 19.56 ug/l

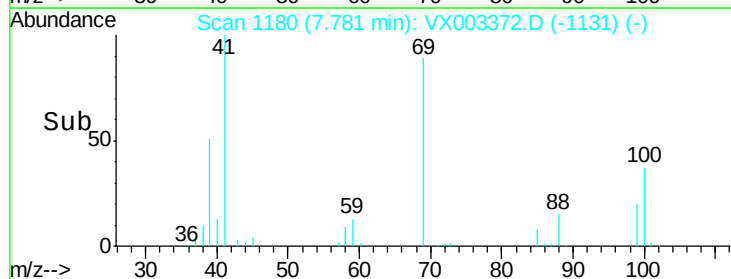
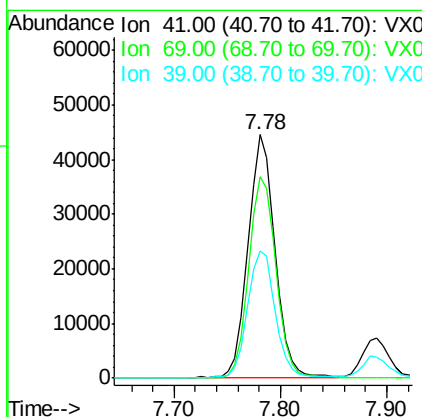
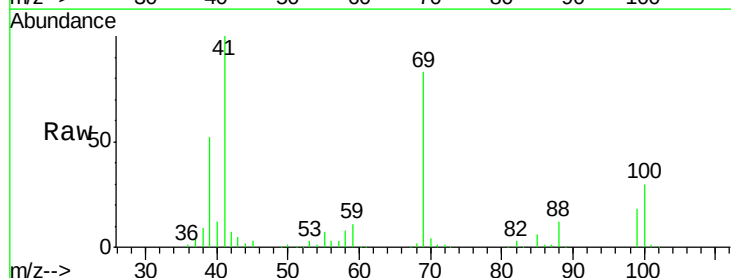
RT: 7.78 min Scan# 1180

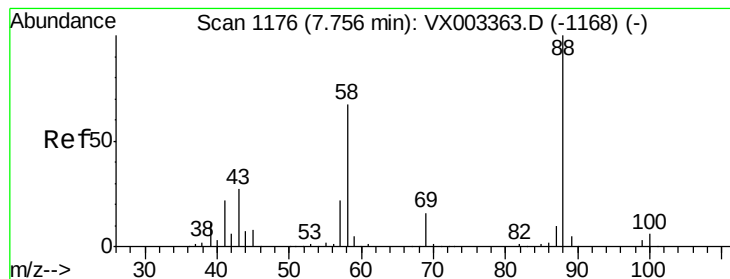
Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 78891 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 85.0  | 59.1  | 88.7  |
| 39       | 53.5  | 48.9  | 73.3  |





#49

1,4-Dioxane

Concen: 405.77 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

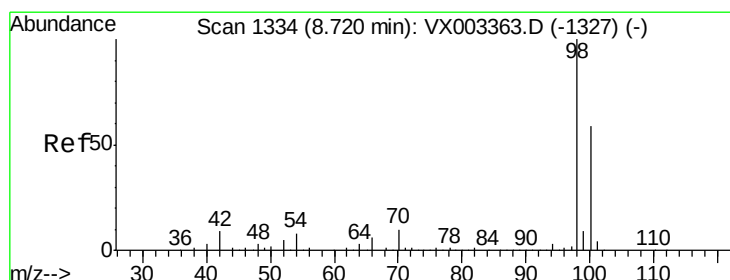
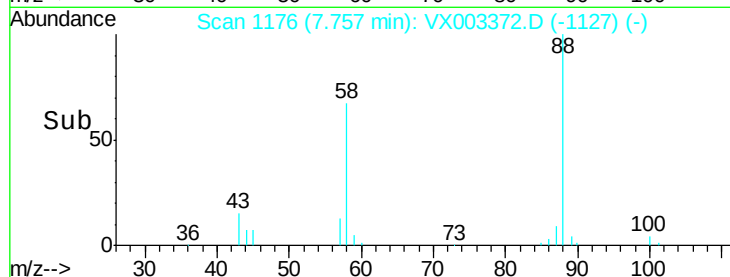
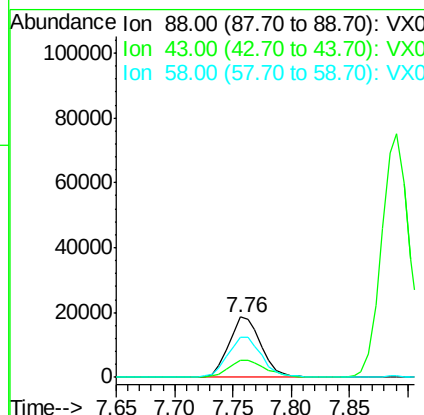
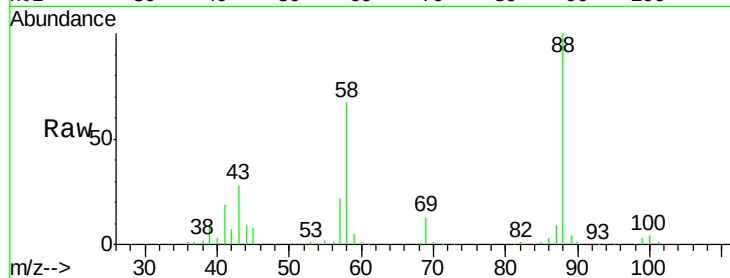
ClientSampleId :

VX0713WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 35721 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 34.2  | 29.8  | 44.6  |
| 58       | 71.5  | 57.1  | 85.7  |

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#50

Toluene-d8

Concen: 48.71 ug/l

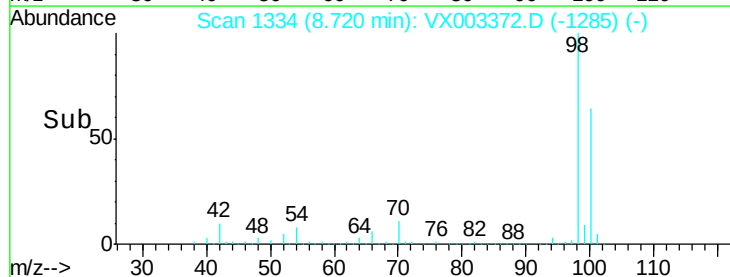
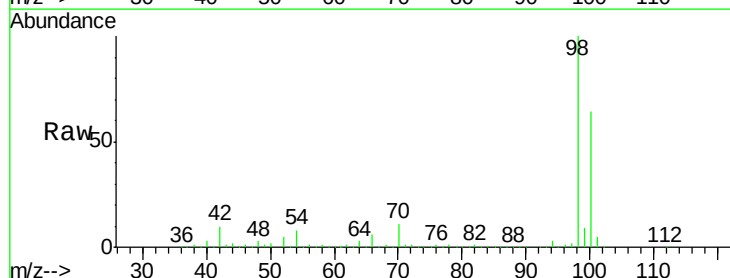
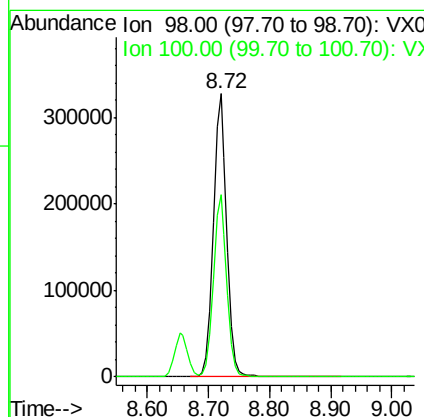
RT: 8.72 min Scan# 1334

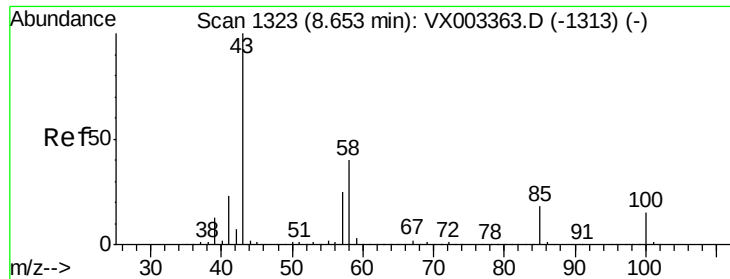
Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 510197 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.4  | 50.9  | 76.3   |





#51

4-Methyl-2-Pentanone

Concen: 98.72 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 43 Resp: 510073

Ion Ratio Lower Upper

43 100

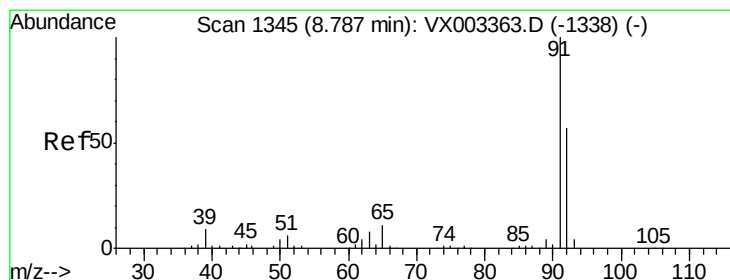
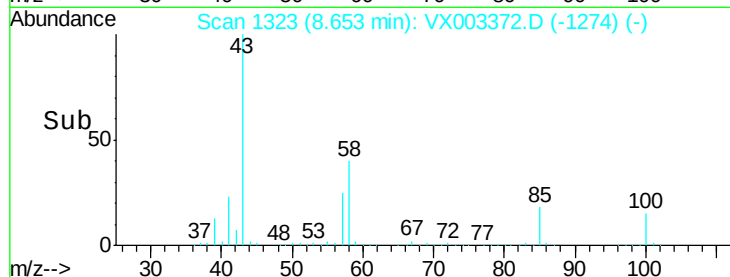
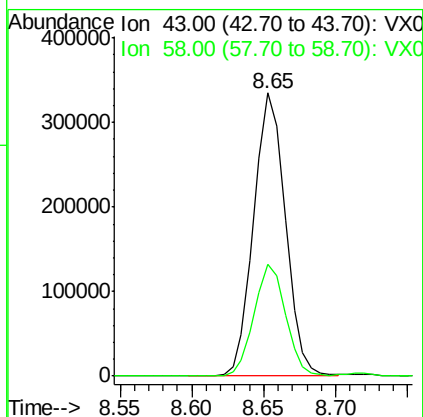
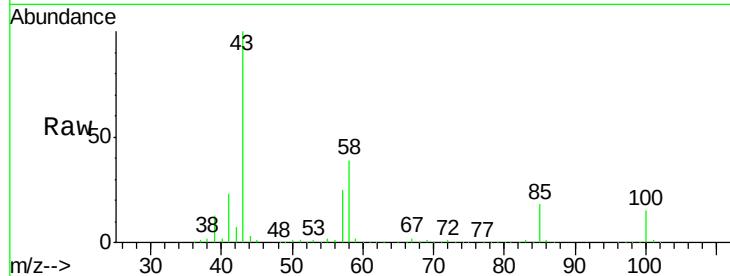
58 39.3 28.6 42.8

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#52

Toluene

Concen: 20.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003372.D

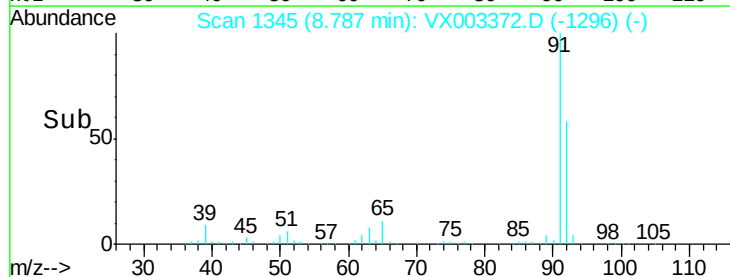
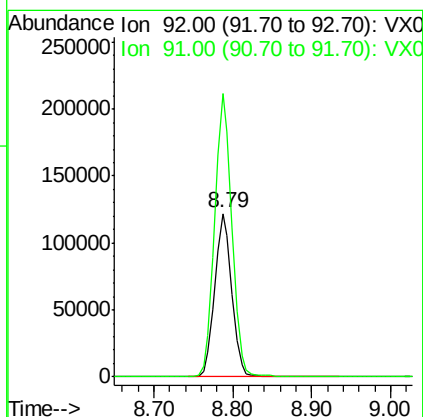
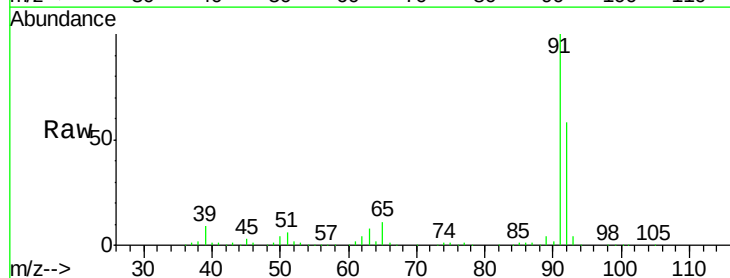
Acq: 13 Jul 2018 20:15

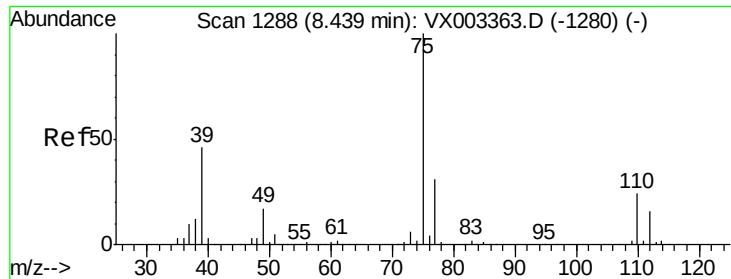
Tgt Ion: 92 Resp: 183590

Ion Ratio Lower Upper

92 100

91 176.1 140.4 210.6





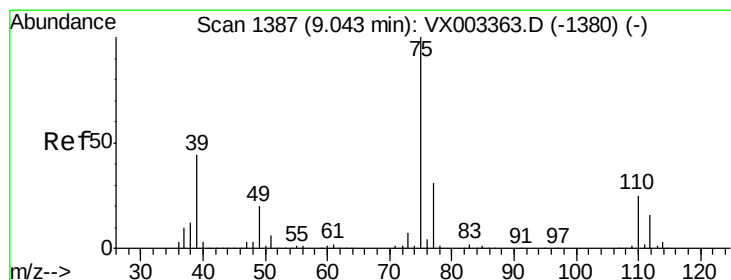
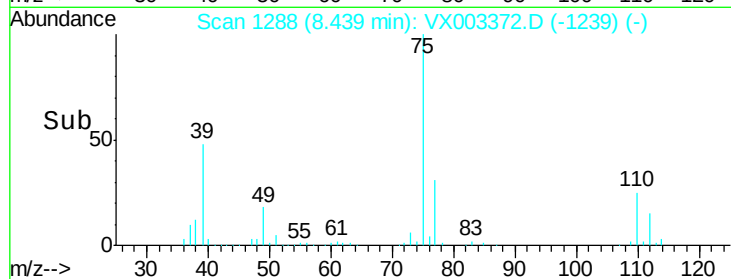
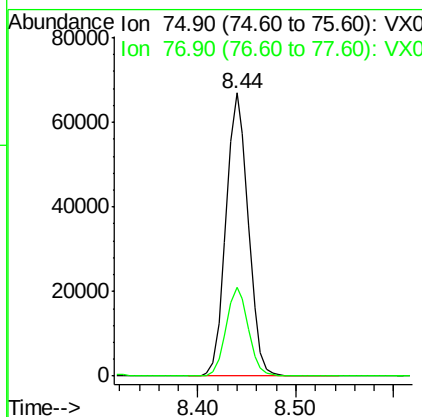
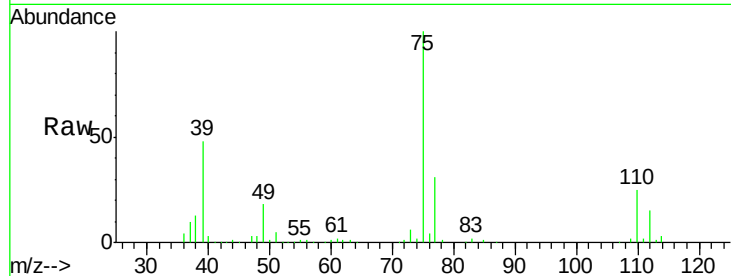
#53  
t-1,3-Dichloropropene  
Concen: 19.42 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 75      | 100  |       | 105754 |       |       |
| 77      | 31.3 | 25.4  |        | 38.2  |       |

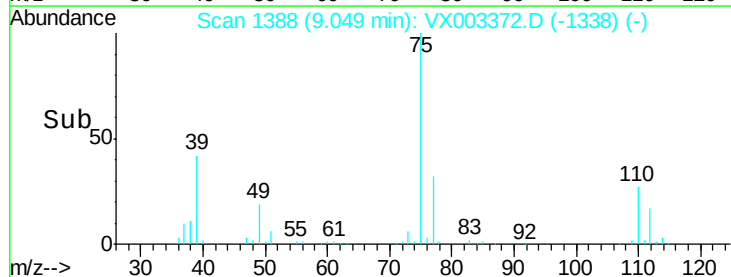
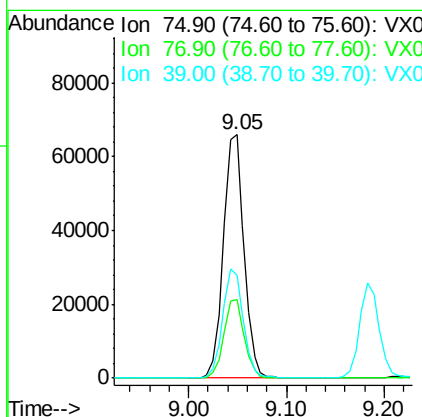
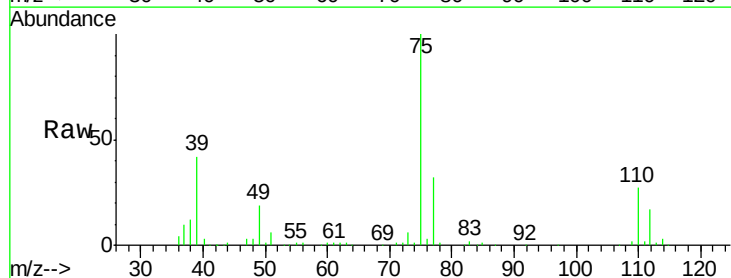
Manual Integrations  
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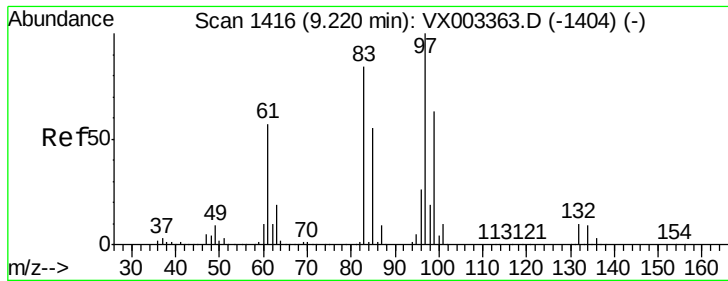


#54  
cis-1,3-Dichloropropene  
Concen: 19.40 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. 0.01 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 75      | 100  |       | 96506 |       |       |
| 77      | 32.3 | 24.8  |       | 37.2  |       |
| 39      | 42.2 | 42.4  |       | 63.6# |       |







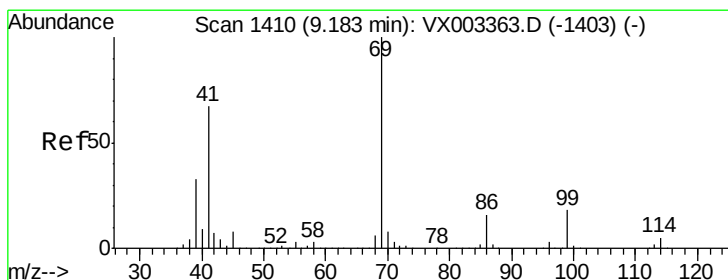
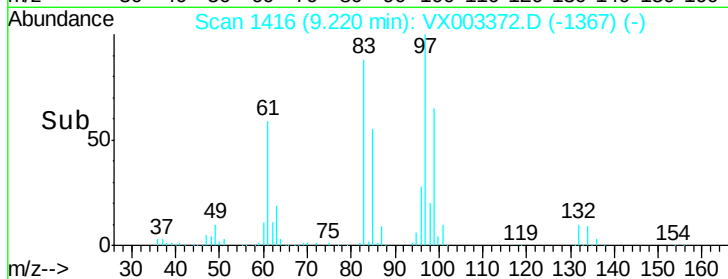
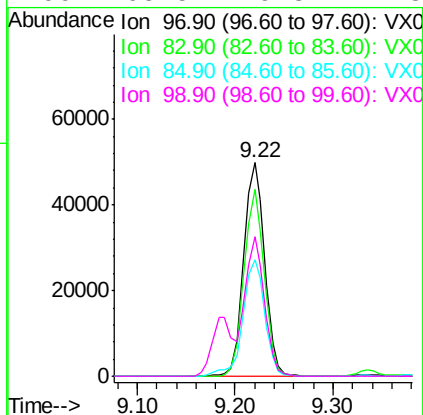
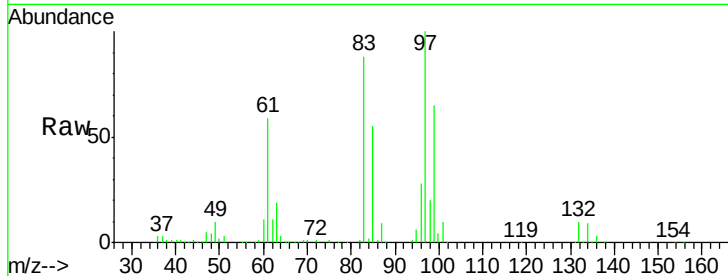
#55  
 1,1,2-Trichloroethane  
 Concen: 19.46 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 87.6  | 70.2  | 105.2 |
| 85      | 54.5  | 44.9  | 67.3  |
| 99      | 65.5  | 49.8  | 74.8  |

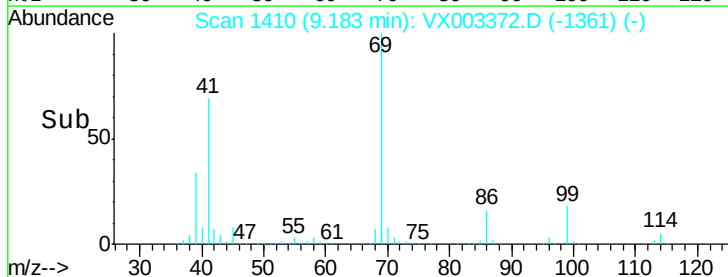
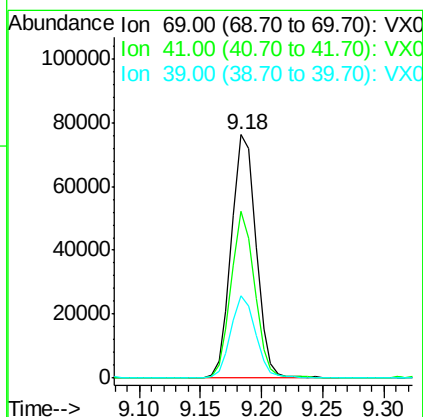
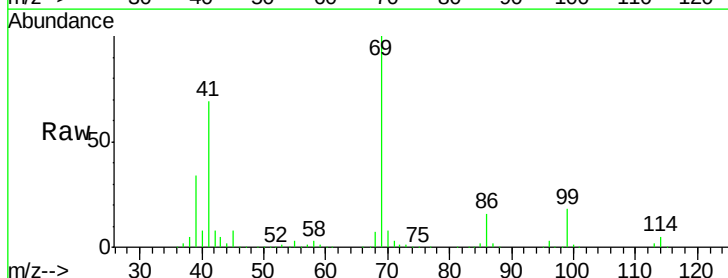
Manual Integrations  
 APPROVED

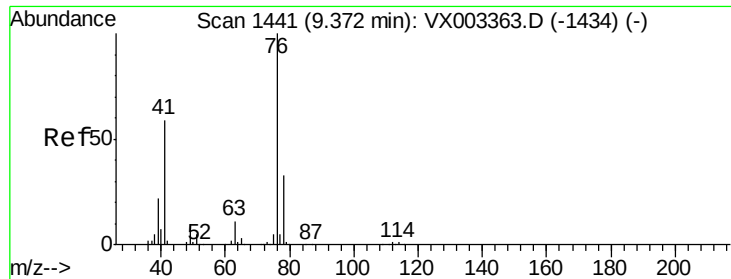
MMDadoda  
 7/16/2018 11:24:46 AM



#56  
 Ethyl methacrylate  
 Concen: 19.56 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 65.5  | 60.3  | 90.5  |
| 39      | 33.6  | 35.8  | 53.8# |





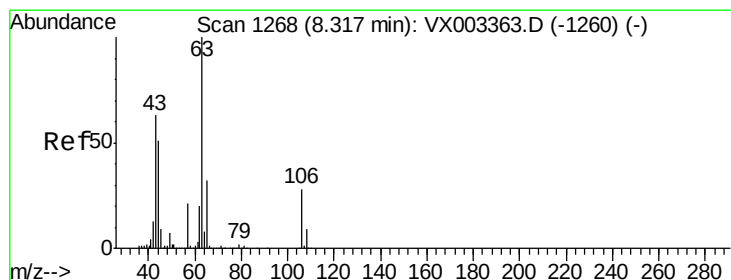
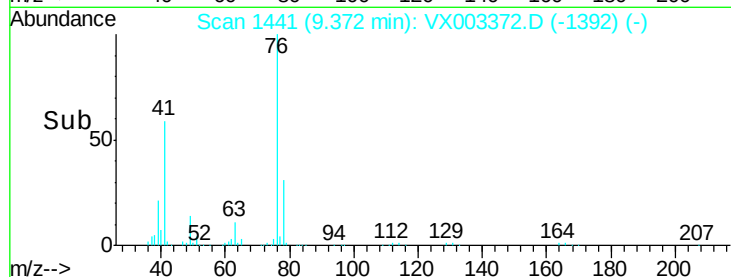
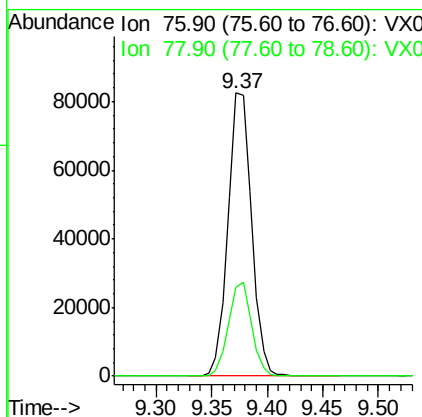
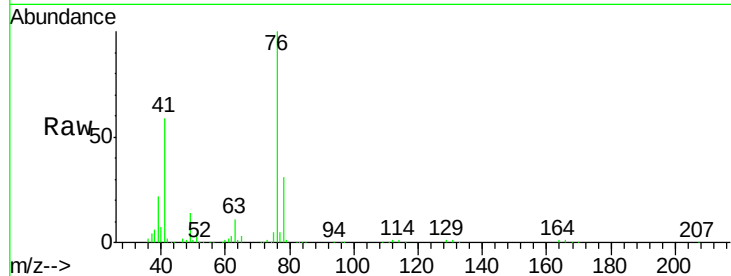
#57  
 1,3-Dichloropropane  
 Concen: 19.66 ug/l  
 RT: 9.37 min Scan# 1441  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.5  | 25.8  | 38.6  |

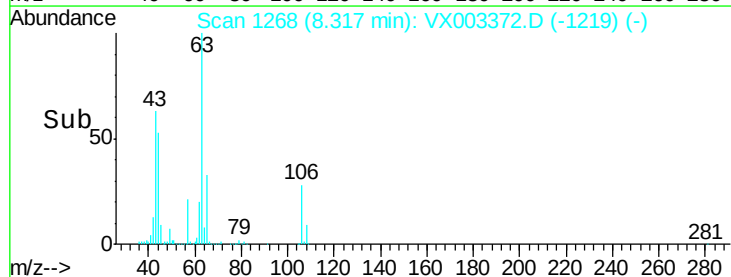
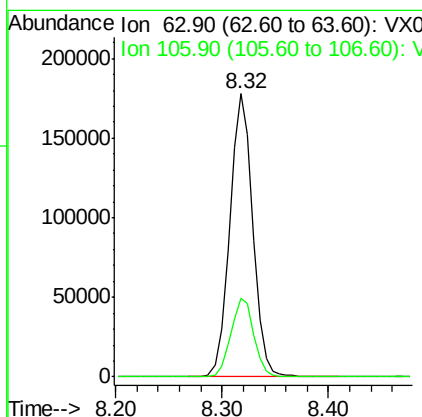
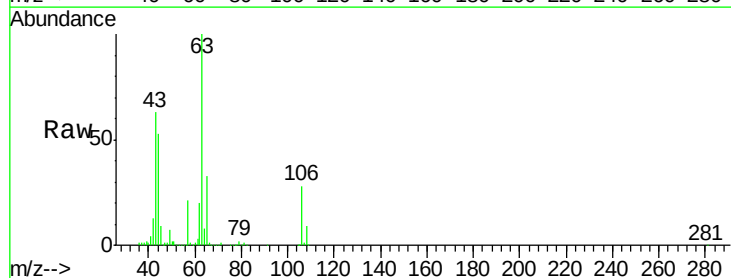
Manual Integrations  
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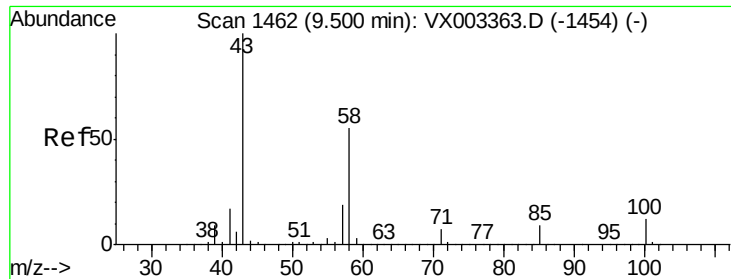
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.39 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.0  | 21.8  | 32.8  |





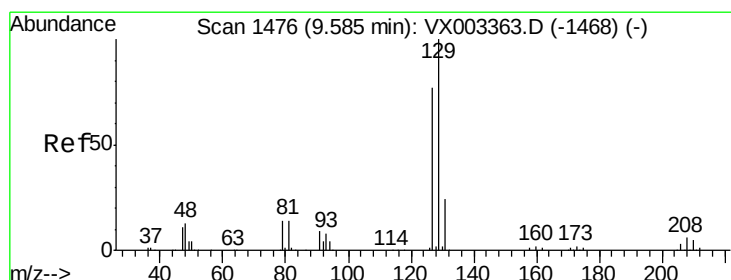
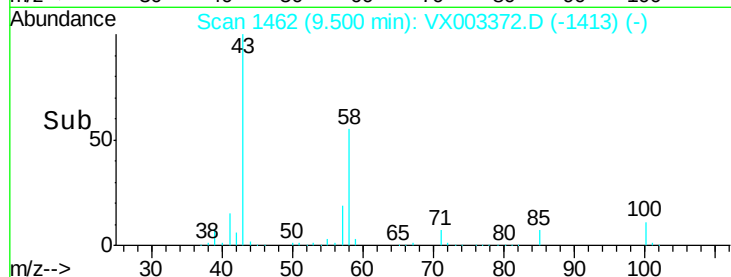
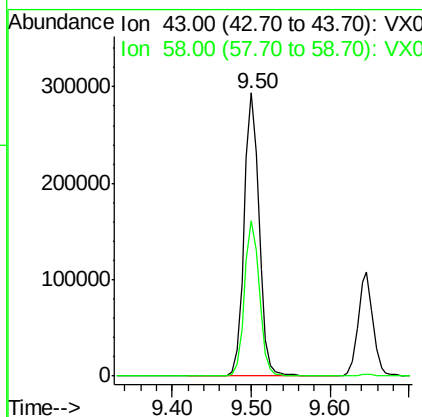
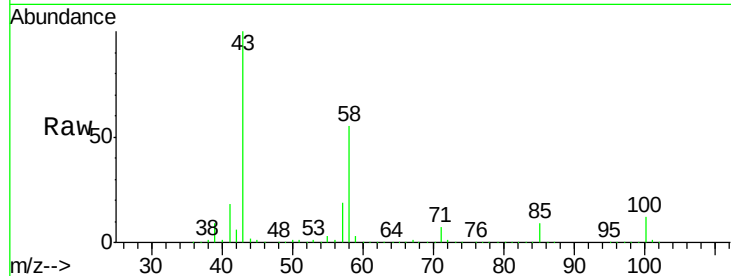
#59  
2-Hexanone  
Concen: 101.57 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

Tot Ion: 43 Resp: 387066  
Ion Ratio Lower Upper  
43 100  
58 54.7 24.6 73.6

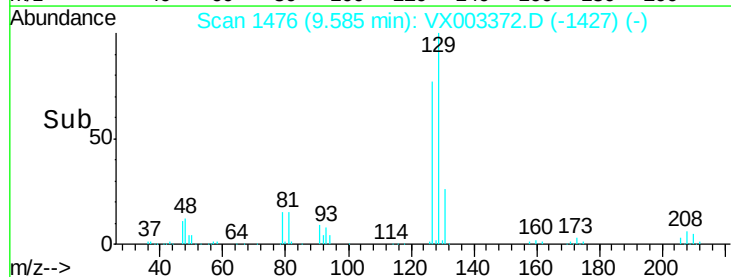
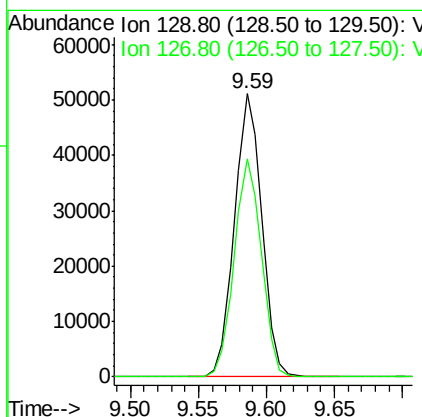
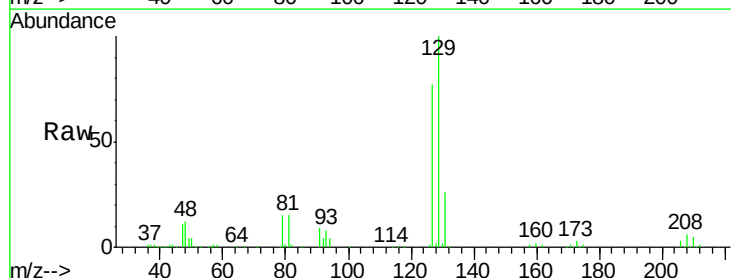
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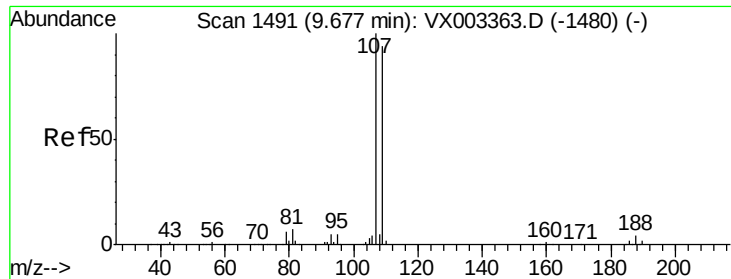
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 19.30 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Tgt Ion: 129 Resp: 71436  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.5 115.3





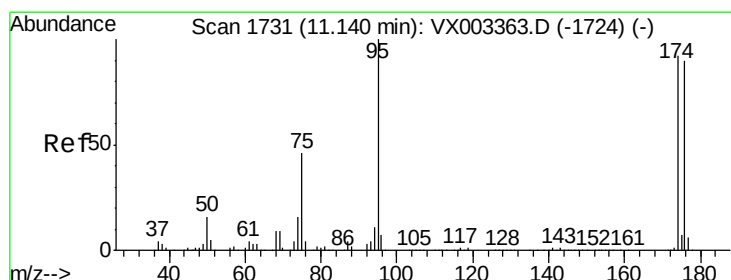
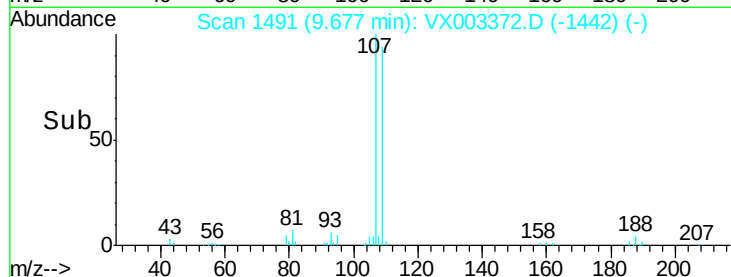
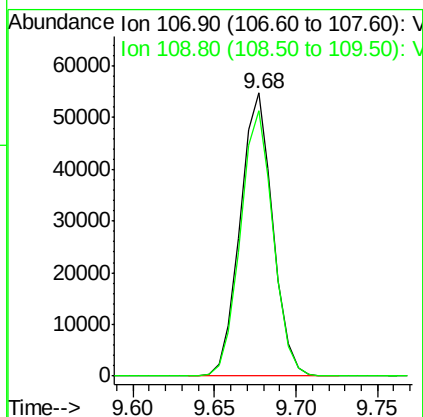
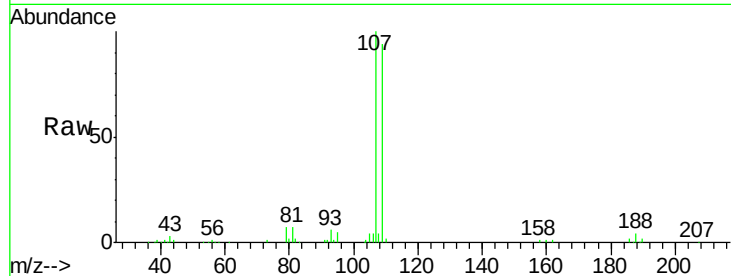
#61  
 1,2-Dibromoethane  
 Concen: 19.90 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.0  | 75.3  | 112.9 |

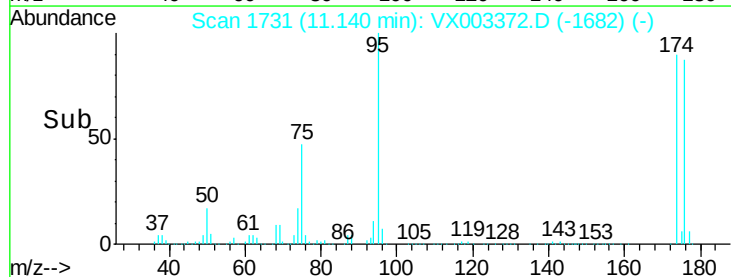
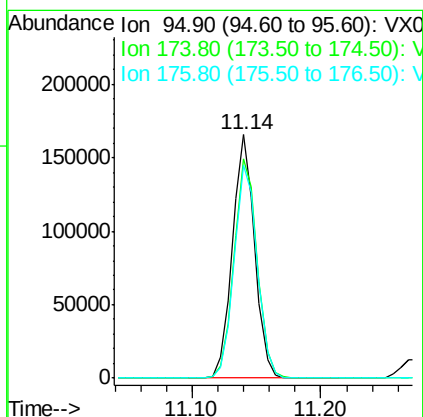
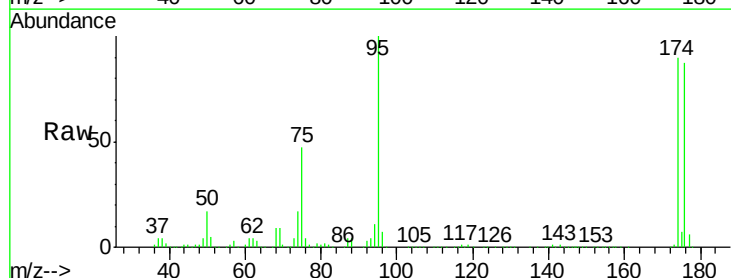
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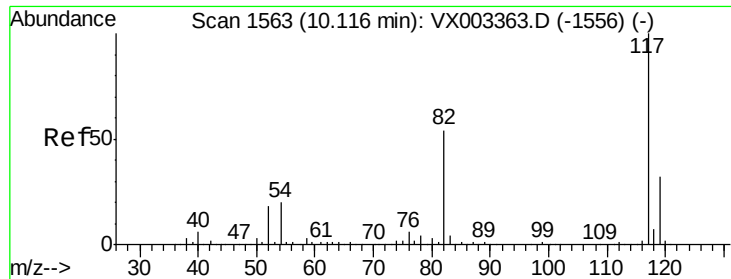
MMDadoda  
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#62  
 4-Bromofluorobenzene  
 Concen: 45.11 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 93.4  | 0.0   | 187.4 |
| 176     | 90.7  | 0.0   | 181.0 |





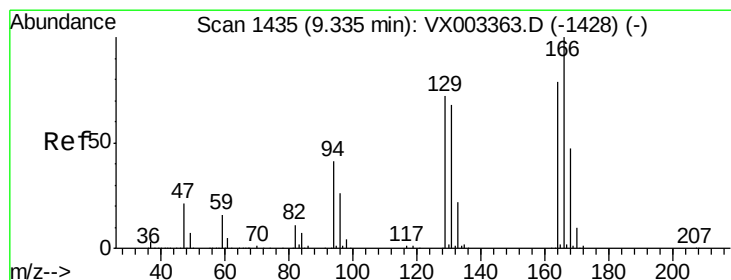
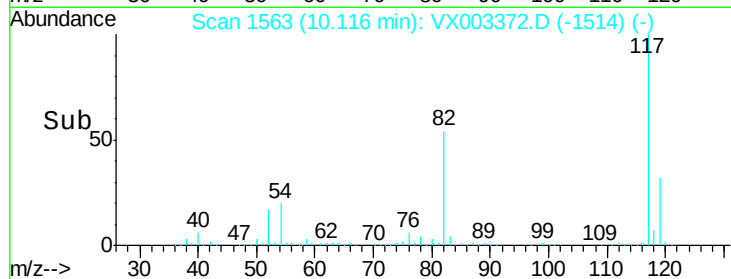
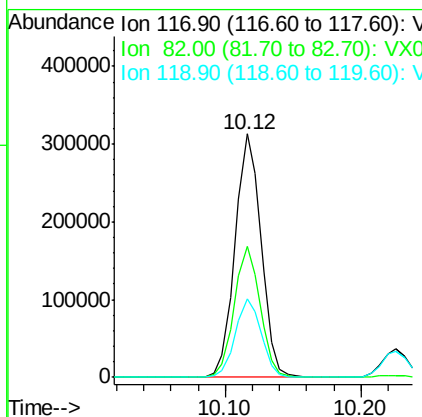
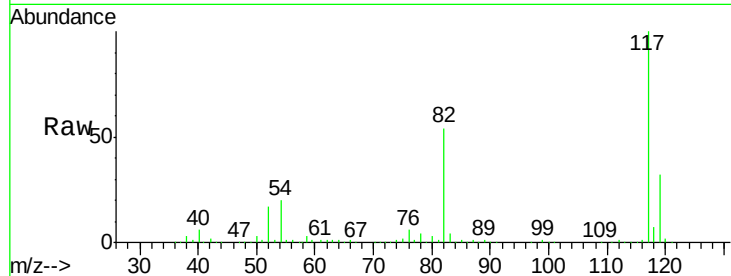
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.7  | 45.0  | 67.4  |
| 119     | 32.3  | 25.8  | 38.6  |

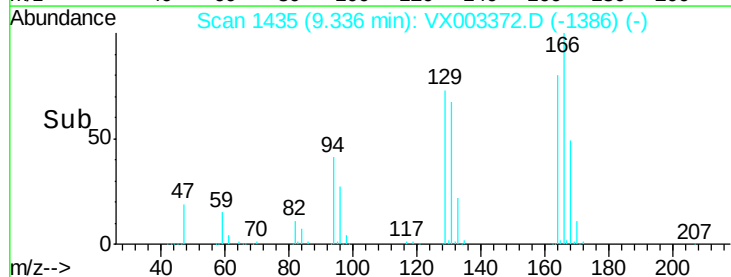
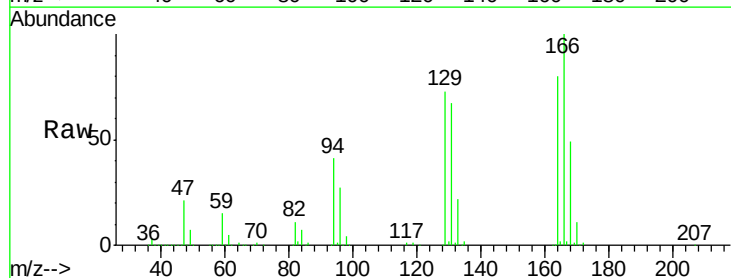
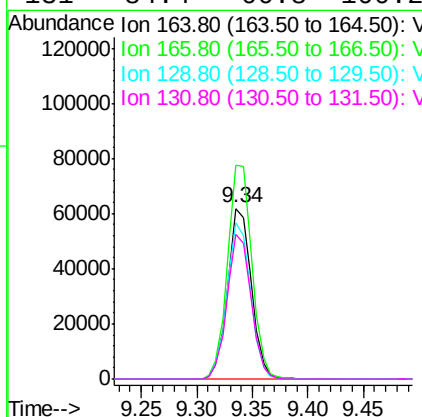
Manual Integrations  
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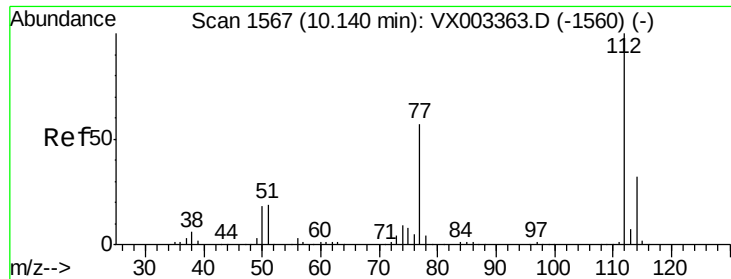
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#64  
Tetrachloroethene  
Concen: 20.25 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.1 | 102.9 | 154.3 |
| 129     | 91.4  | 68.6  | 102.8 |
| 131     | 84.4  | 66.8  | 100.2 |





#65

Chlorobenzene

Concen: 19.33 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion:112 Resp: 207237

Ion Ratio Lower Upper

112 100

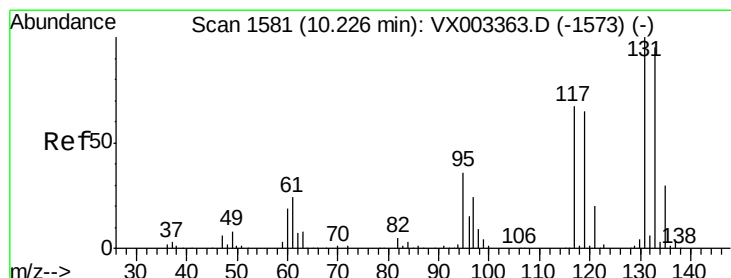
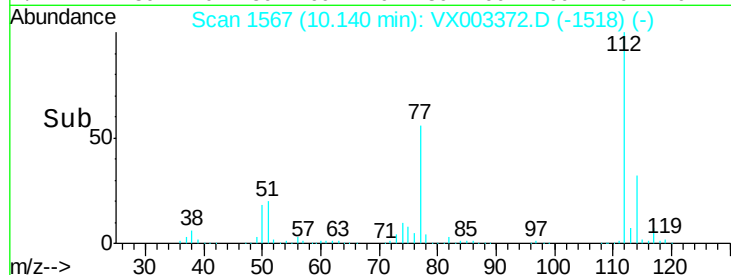
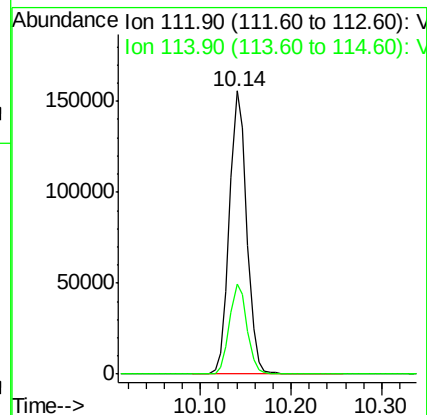
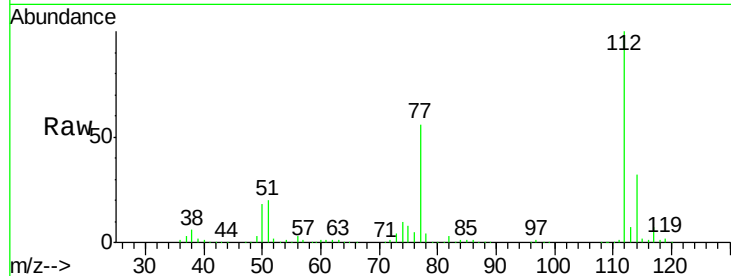
114 31.6 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.76 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

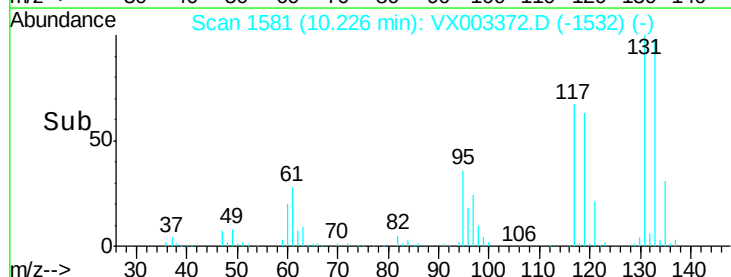
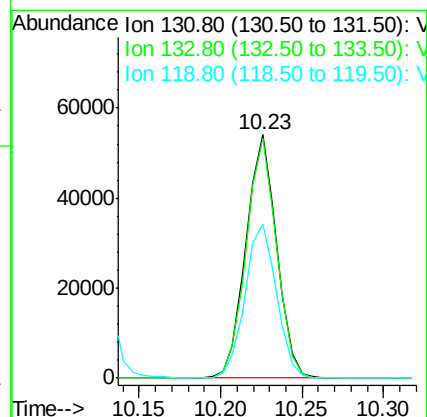
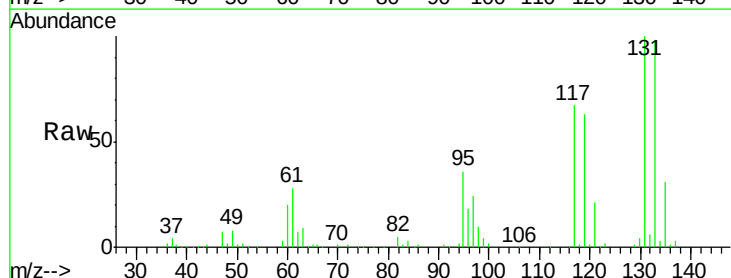
Tgt Ion:131 Resp: 71122

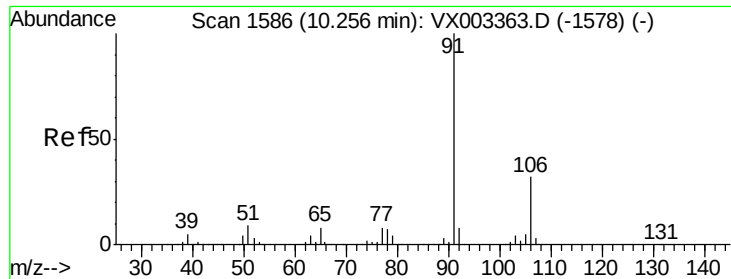
Ion Ratio Lower Upper

131 100

133 97.3 47.9 143.6

119 65.0 31.8 95.3





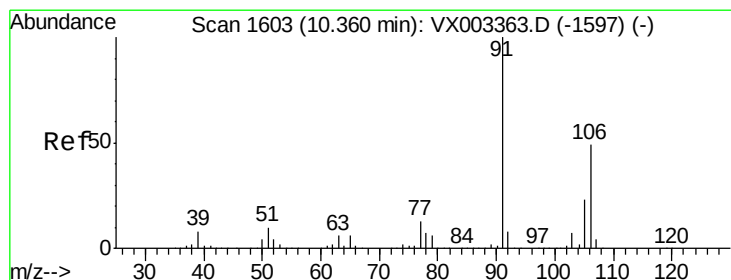
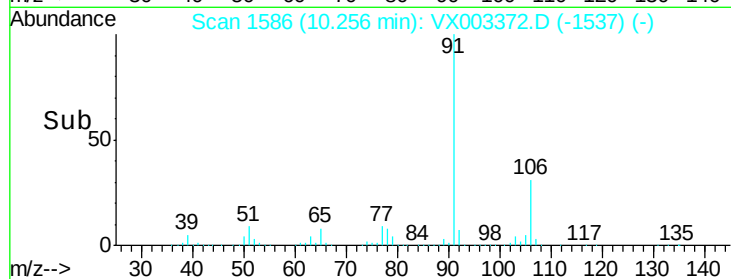
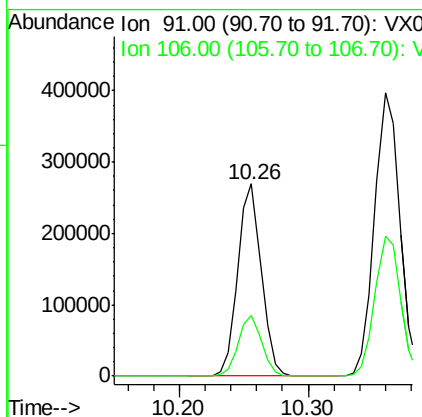
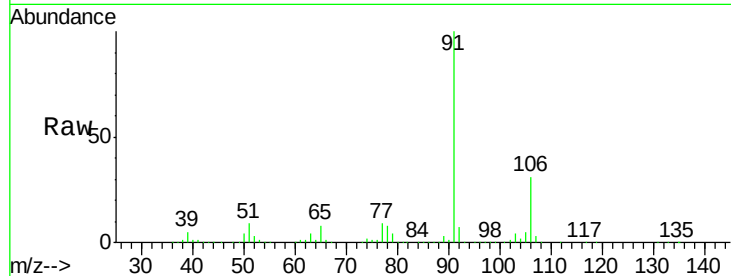
#67  
Ethyl Benzene  
Concen: 19.65 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

Tot Ion: 91 Resp: 342938  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.5 38.3

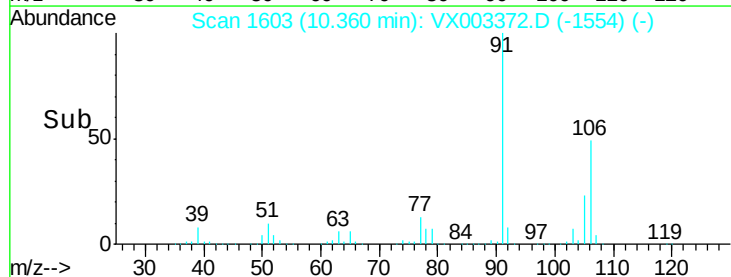
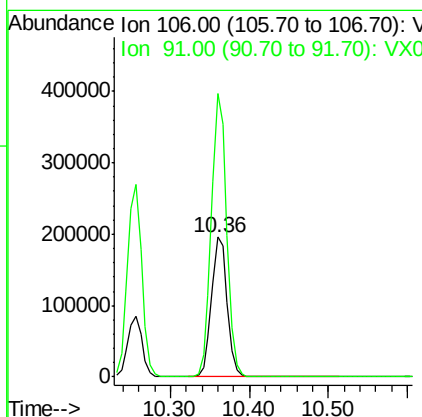
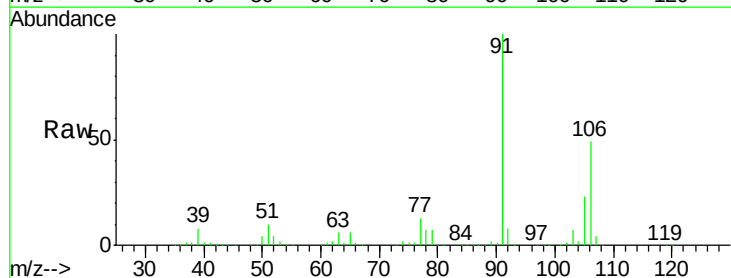
Manual Integrations  
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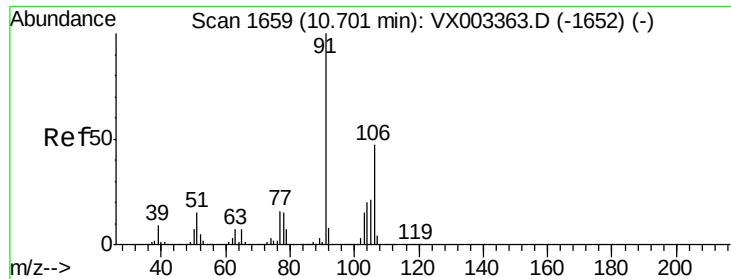
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#68  
m/p-Xylenes  
Concen: 40.13 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Tgt Ion: 106 Resp: 269738  
Ion Ratio Lower Upper  
106 100  
91 198.8 163.4 245.2





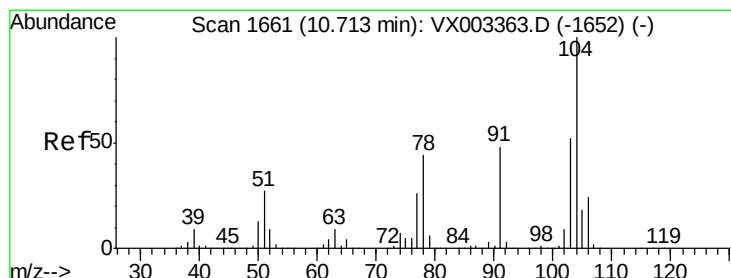
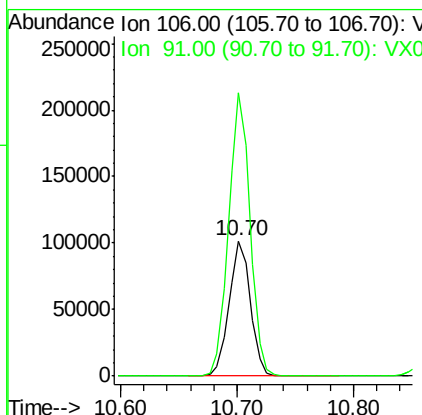
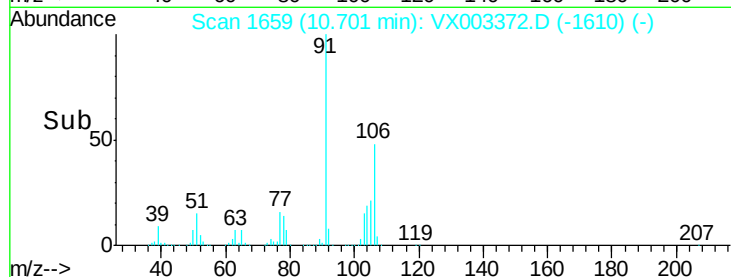
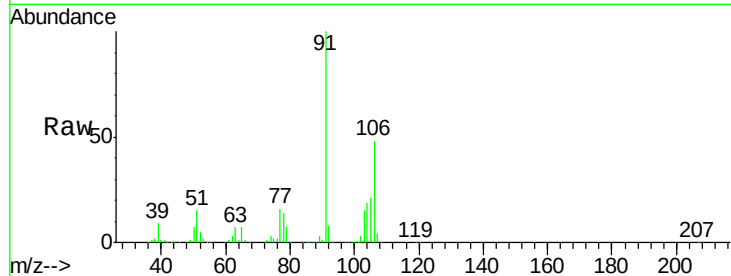
#69  
o-Xylene  
Concen: 19.71 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 106   | 100   |       |       |
| 91      | 209.9 | 108.2 | 324.6 |       |

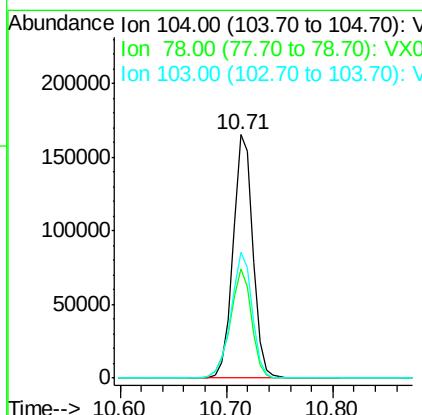
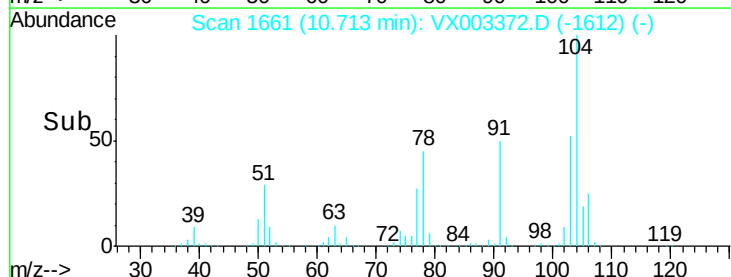
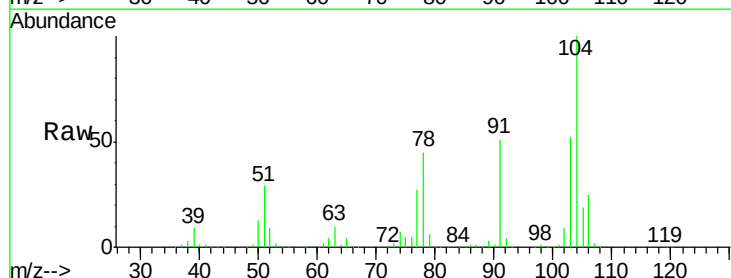
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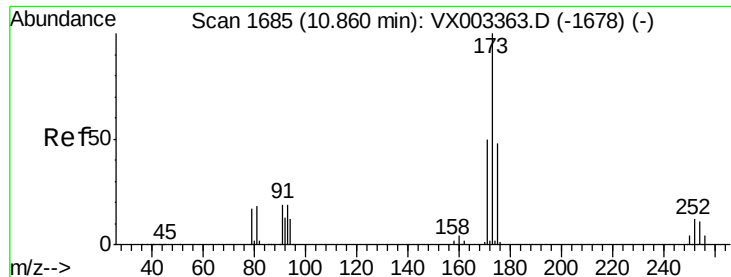


#70  
Styrene  
Concen: 19.63 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 104  | 100   |       |       |
| 78      | 48.2 | 41.0  | 61.6  |       |
| 103     | 55.4 | 44.2  | 66.4  |       |







#71

Bromoform

Concen: 18.33 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion:173 Resp: 53209

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

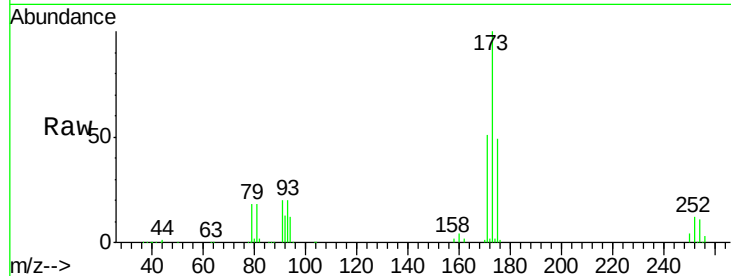
254 0.1 0.2 0.2#

Manual Integrations

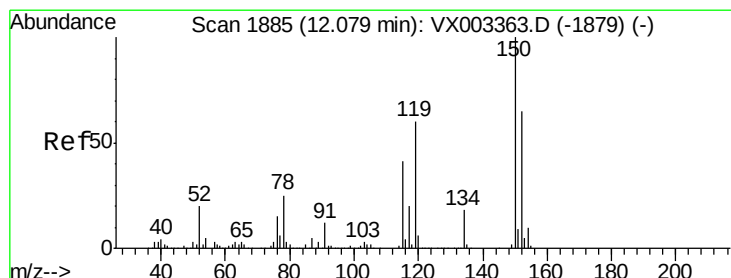
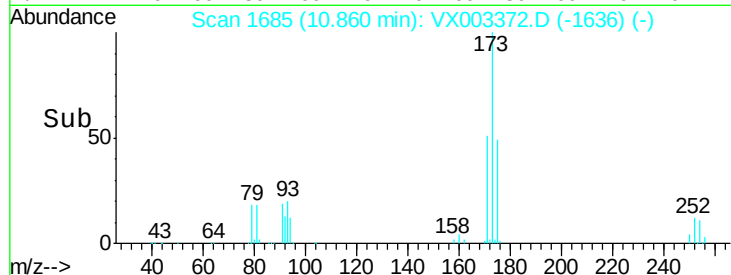
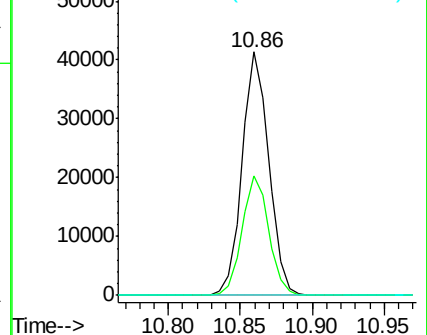
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

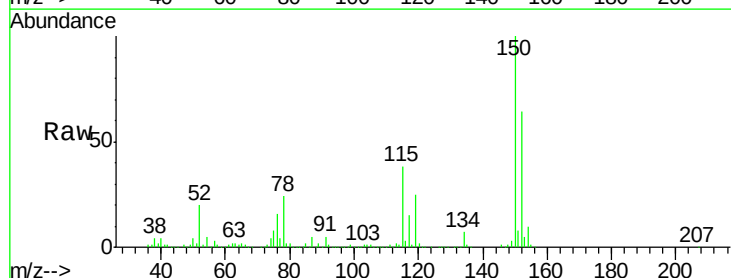
Tgt Ion:152 Resp: 243094

Ion Ratio Lower Upper

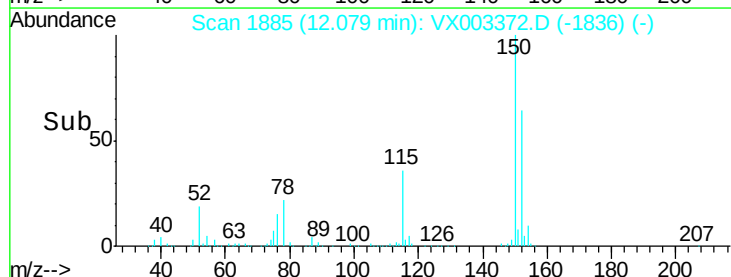
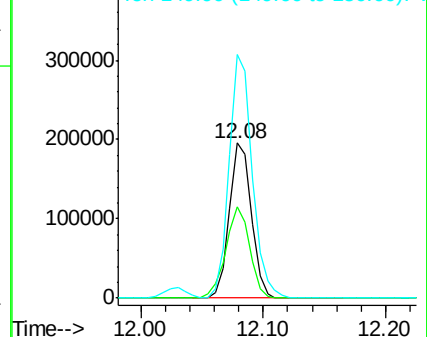
152 100

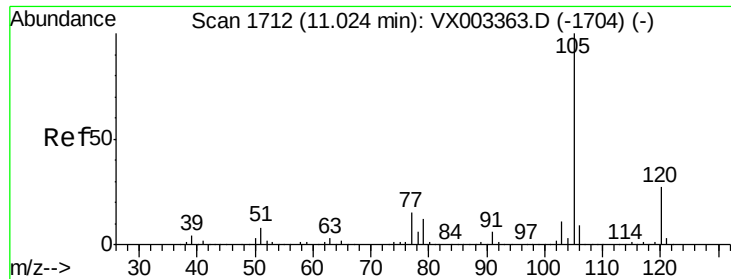
115 64.3 40.1 120.2

150 164.2 0.0 347.2



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: 20.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 105 Resp: 345936

Ion Ratio Lower Upper

105 100

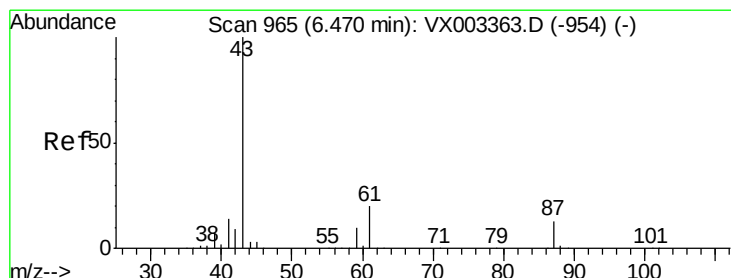
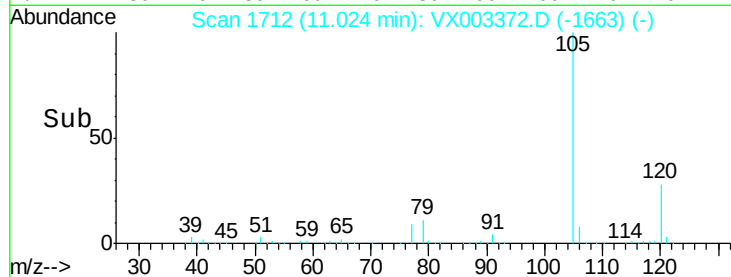
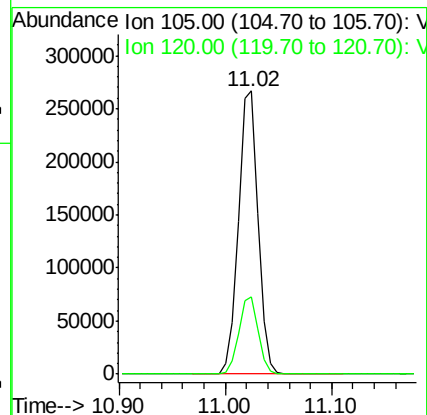
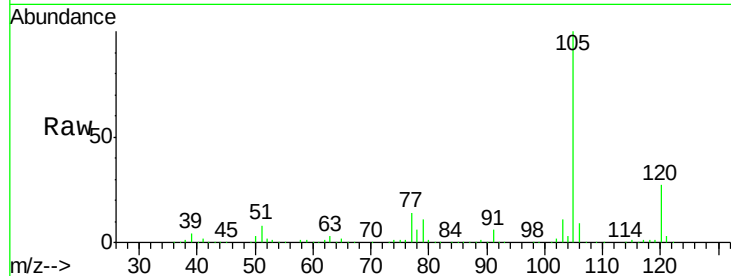
120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.67 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Tgt Ion: 43 Resp: 153291

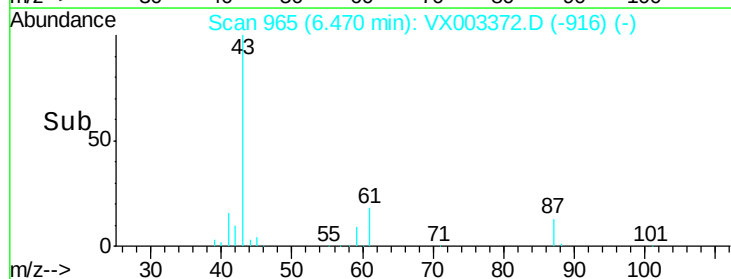
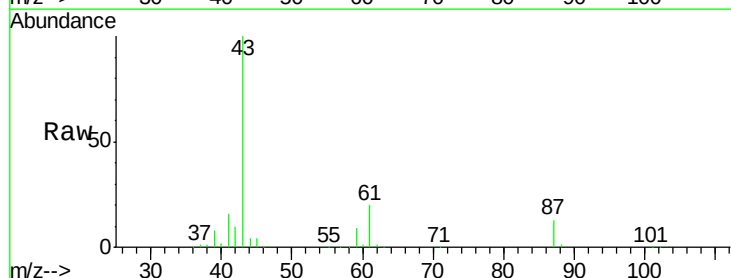
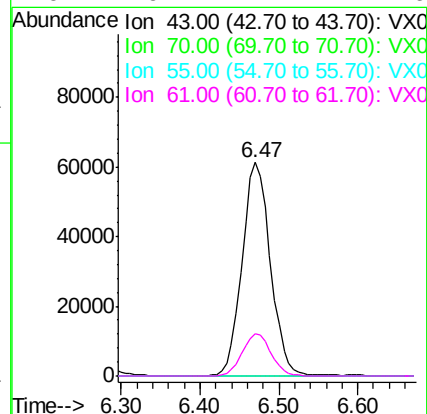
Ion Ratio Lower Upper

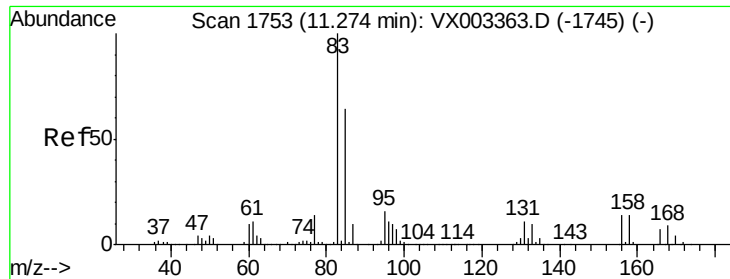
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

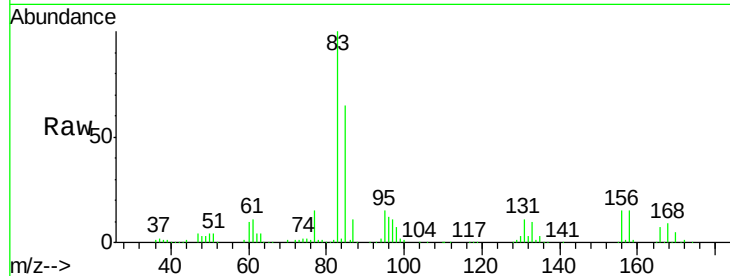
ClientSampleId :

VX0713WBS01

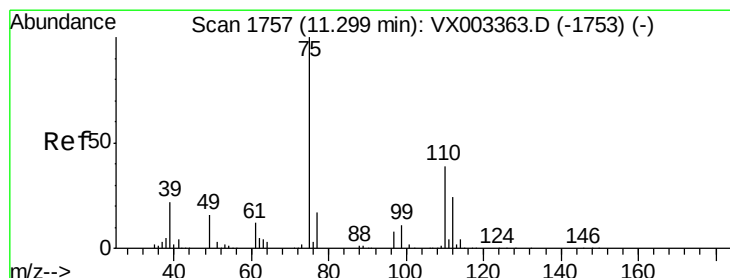
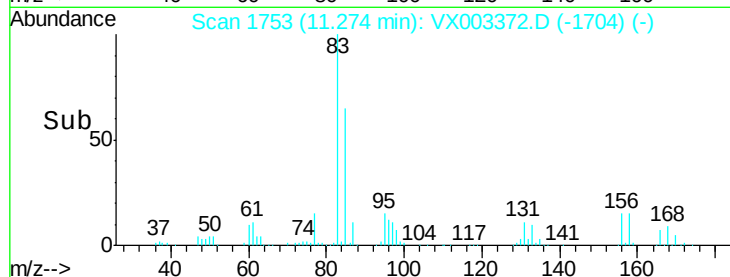
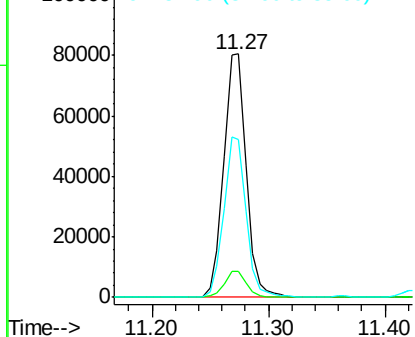
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 107657 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.5  | 5.6   | 16.8   |
| 85       | 65.3  | 32.4  | 97.2   |

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



#76

1,2,3-Trichloropropane

Concen: 19.87 ug/l m

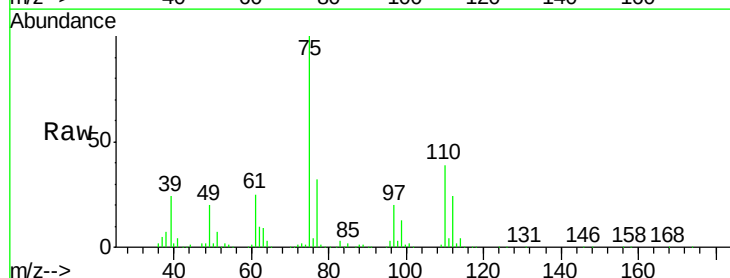
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

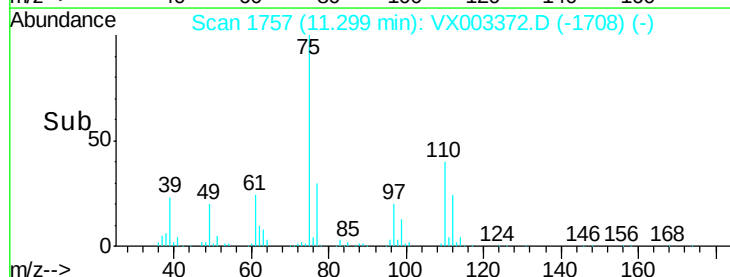
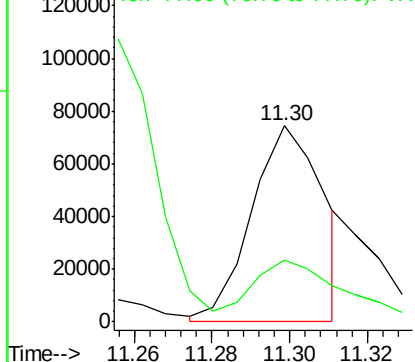
Lab File: VX003372.D

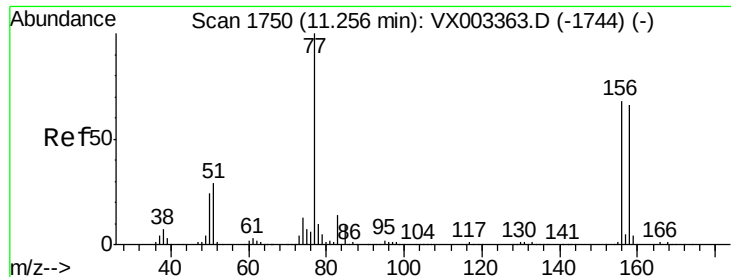
Acq: 13 Jul 2018 20:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 95423 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 40.6  | 22.8  | 68.3  |



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





#77

Bromobenzene

Concen: 19.73 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

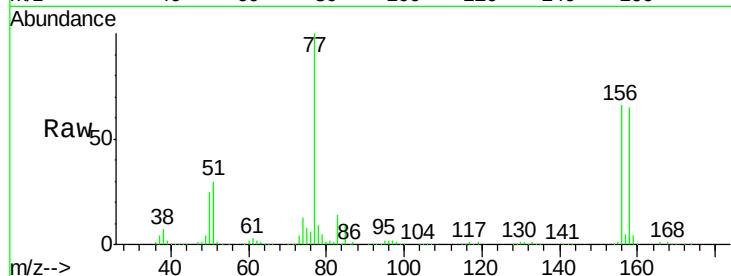
ClientSampleId :

VX0713WBS01

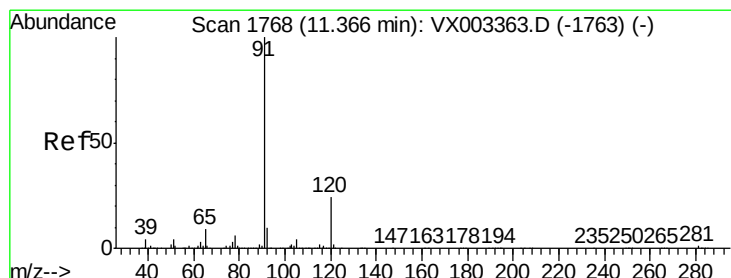
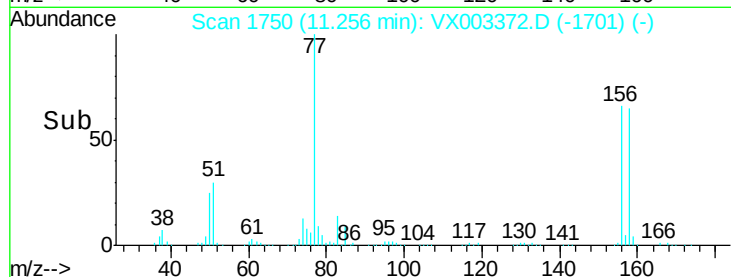
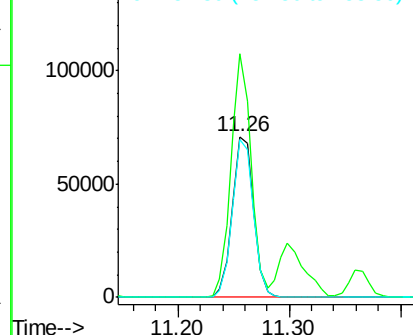
| Tot Ion | Ion   | Ratio | Resp | Lower | Upper |
|---------|-------|-------|------|-------|-------|
| 156     | 100   |       |      |       |       |
| 77      | 143.3 |       | 71.4 | 214.2 |       |
| 158     | 97.1  |       | 48.9 | 146.6 |       |

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Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VX0  
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.59 ug/l

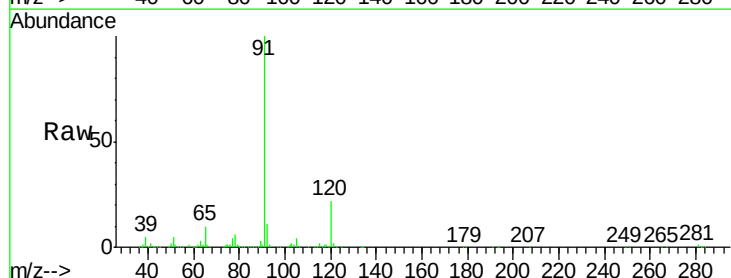
RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

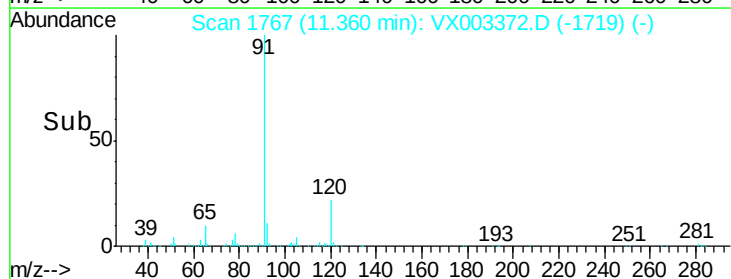
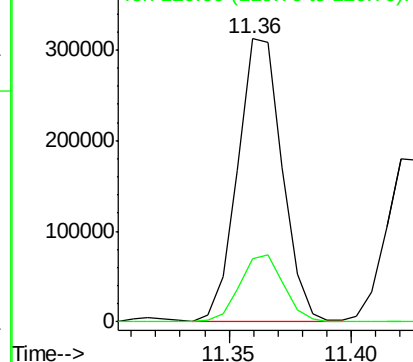
Lab File: VX003372.D

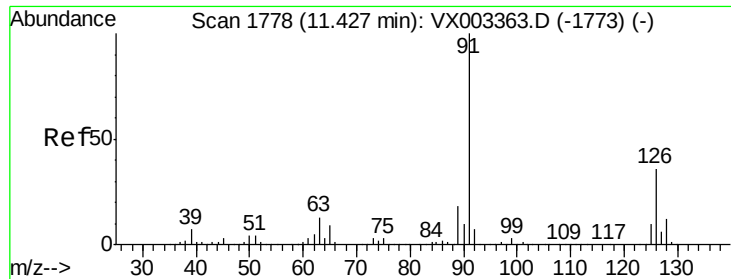
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 91      | 100  |       |      |       |       |
| 120     | 23.7 |       | 11.8 | 35.4  |       |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.95 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 91 Resp: 234159

Ion Ratio Lower Upper

91 100

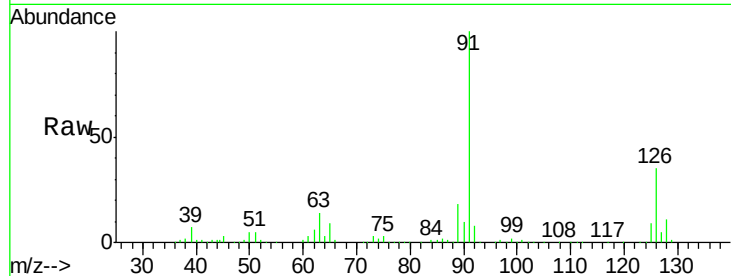
126 35.7 17.7 53.1

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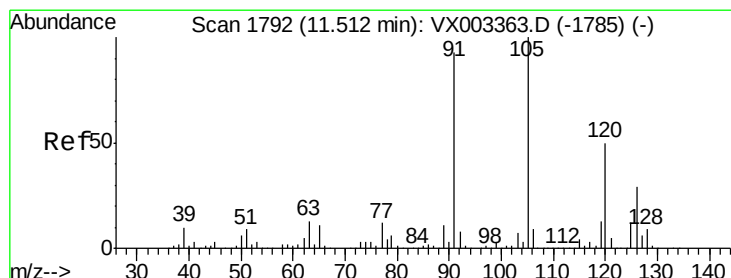
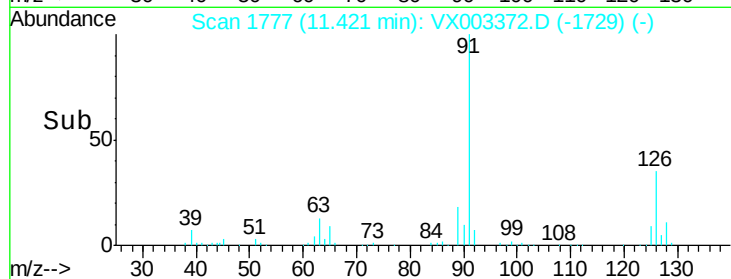
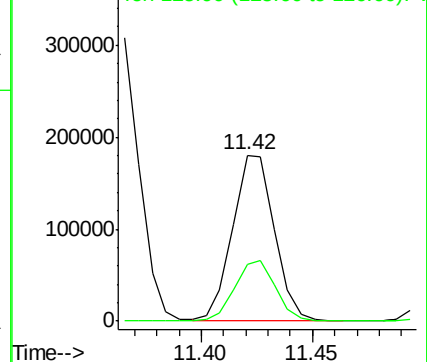
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.44 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003372.D

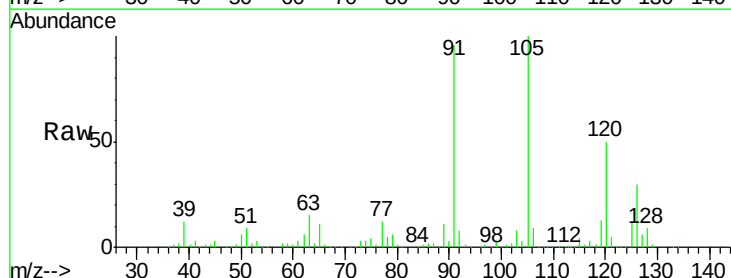
Acq: 13 Jul 2018 20:15

Tgt Ion:105 Resp: 284693

Ion Ratio Lower Upper

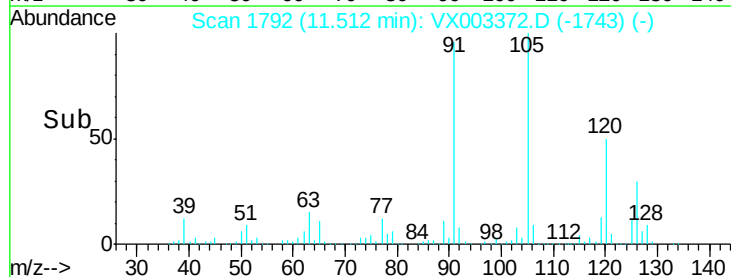
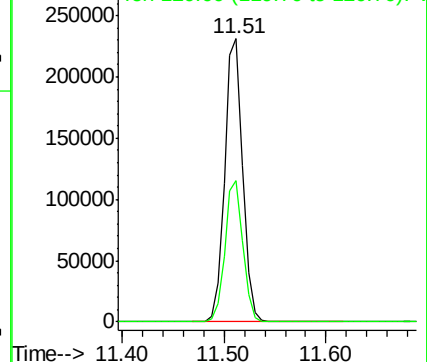
105 100

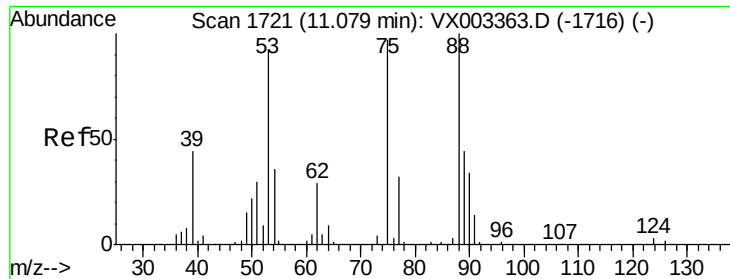
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





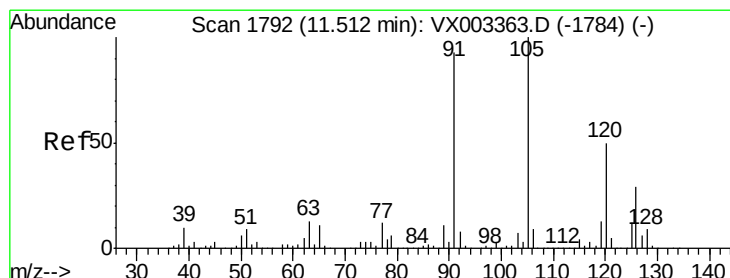
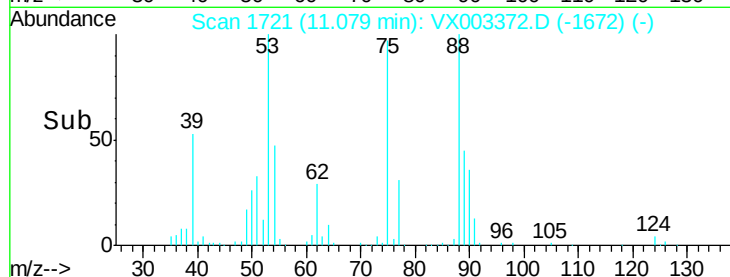
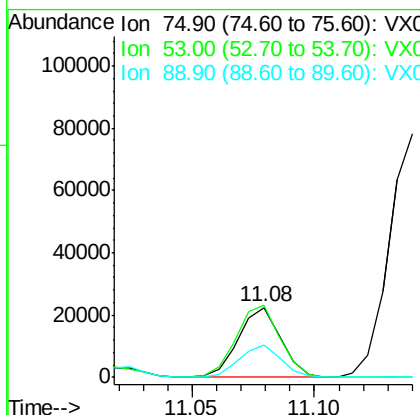
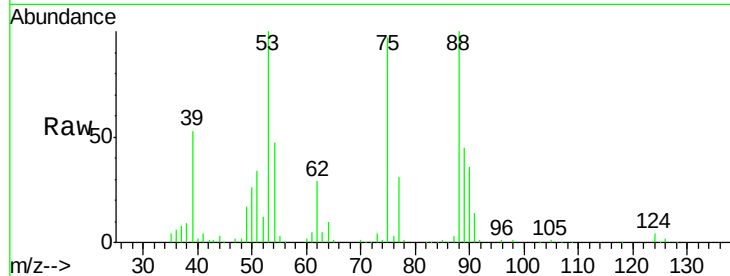
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.81 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 105.7 | 86.8  | 130.2 |
| 89      | 46.3  | 38.2  | 57.2  |

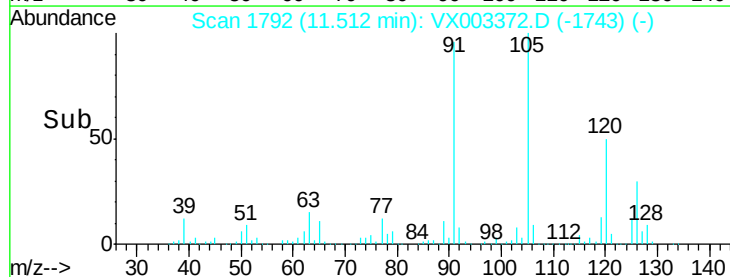
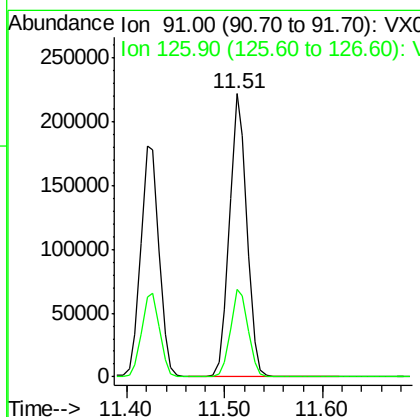
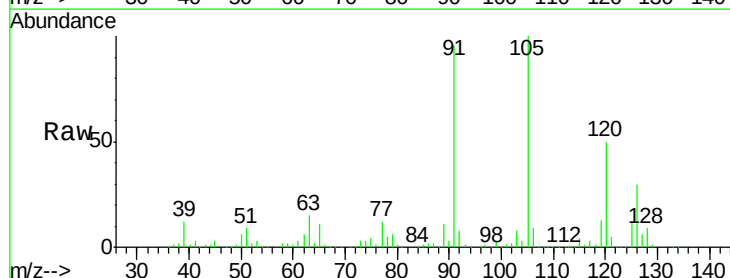
Manual Integrations  
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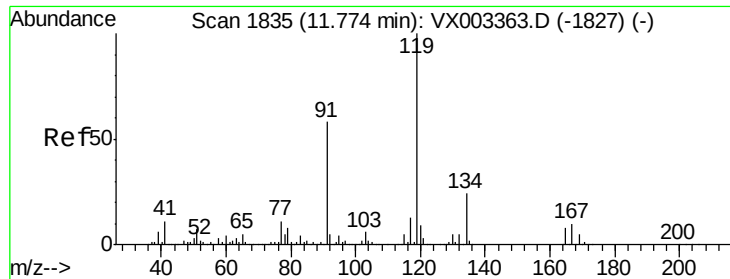
MMDadoda  
7/16/2018 11:24:46 AM



#82  
4-Chlorotoluene  
Concen: 20.00 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.4  | 15.4  | 46.4  |





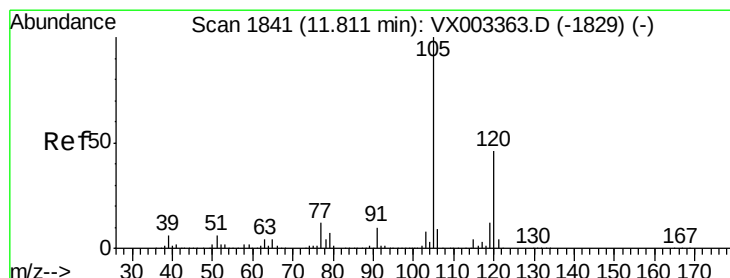
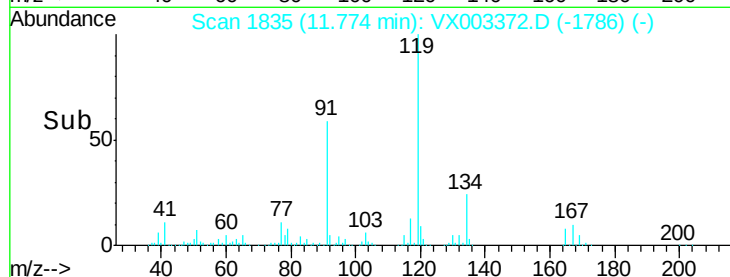
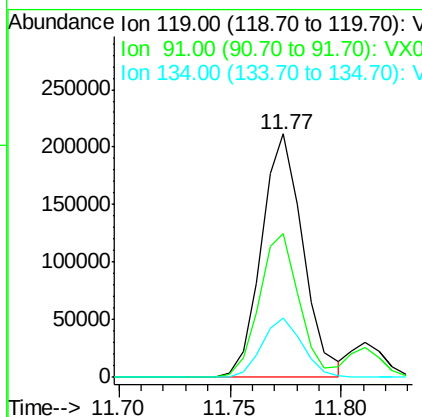
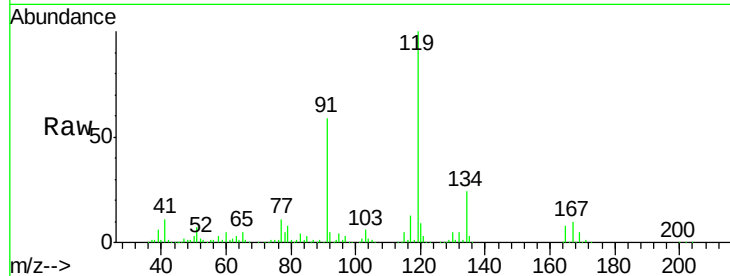
#83  
 tert-Butylbenzene  
 Concen: 19.76 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.8  | 30.3  | 90.9  |
| 134     | 23.7  | 11.7  | 35.1  |

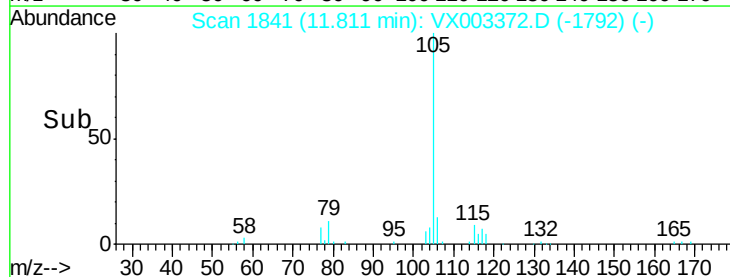
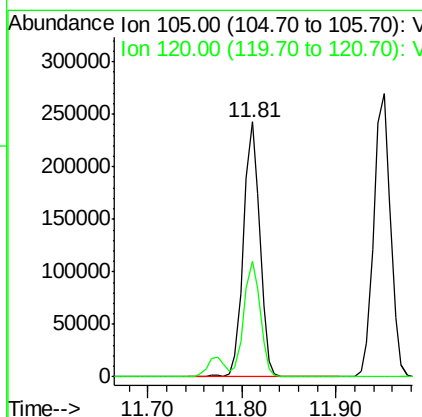
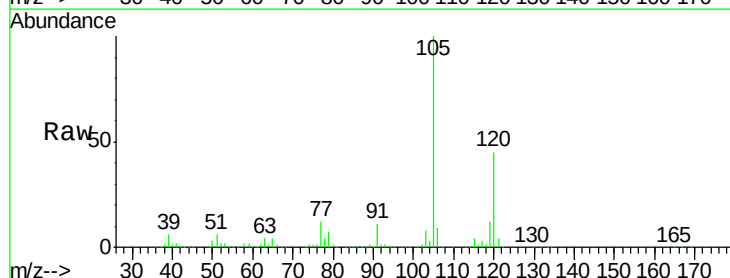
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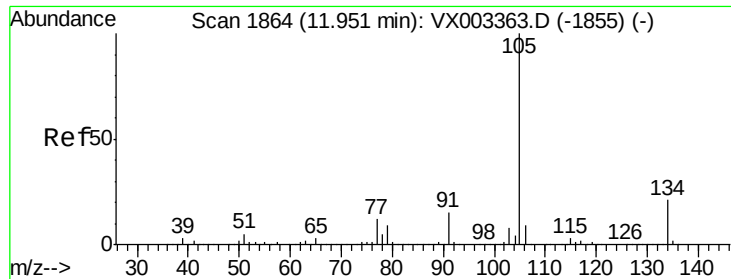
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.76 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.7  | 22.3  | 66.8  |





#85

sec-Butylbenzene

Concen: 20.18 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

ClientSampled :

VX0713WBS01

Tot Ion:105 Resp: 332653

Ion Ratio Lower Upper

105 100

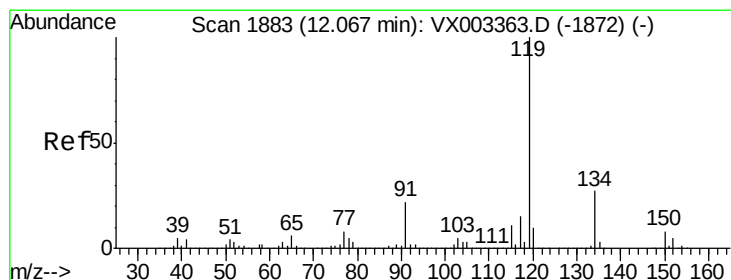
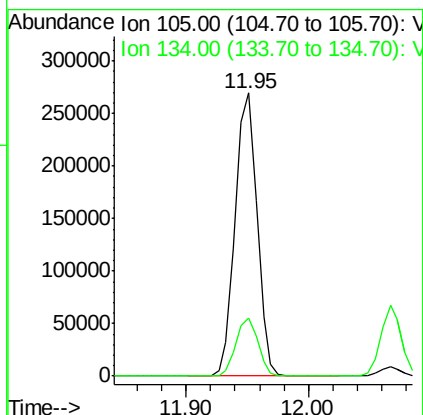
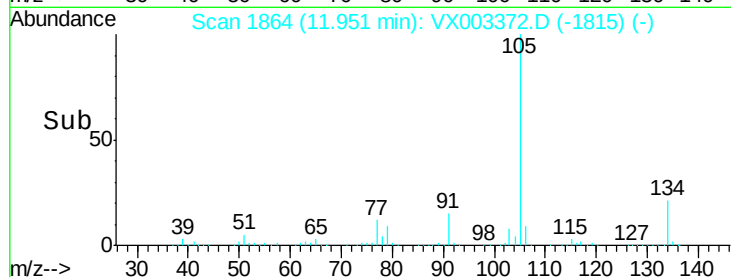
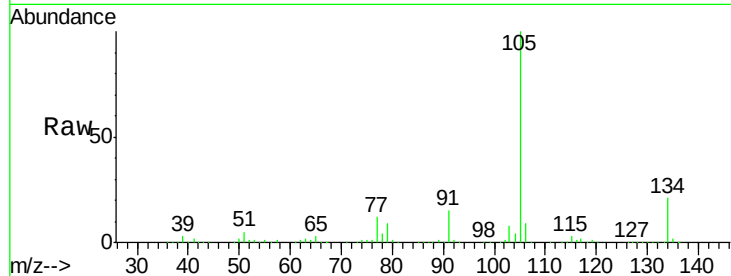
134 20.6 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.16 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

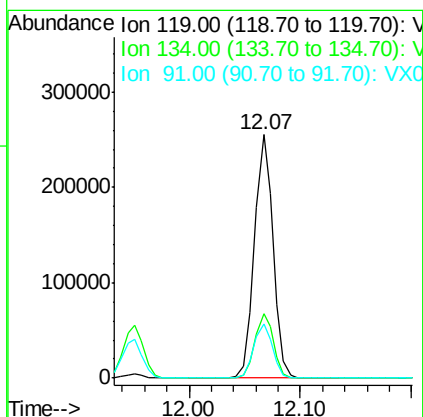
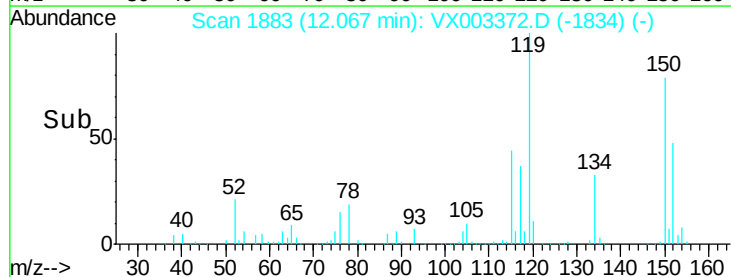
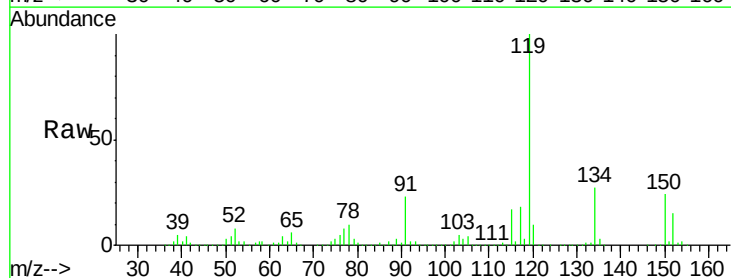
Tgt Ion:119 Resp: 297248

Ion Ratio Lower Upper

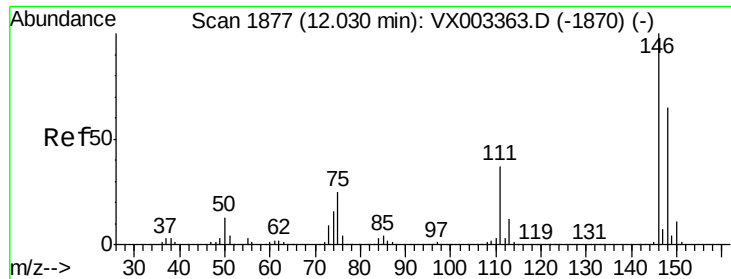
119 100

134 26.7 13.4 40.1

91 22.8 11.9 35.7







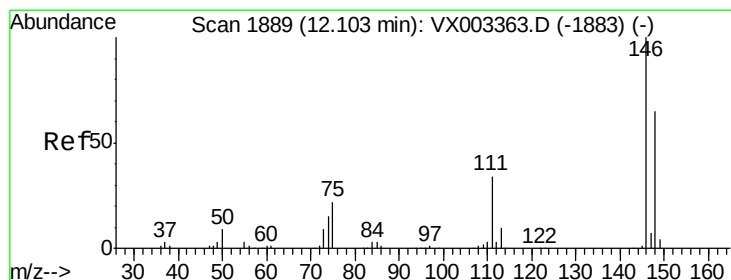
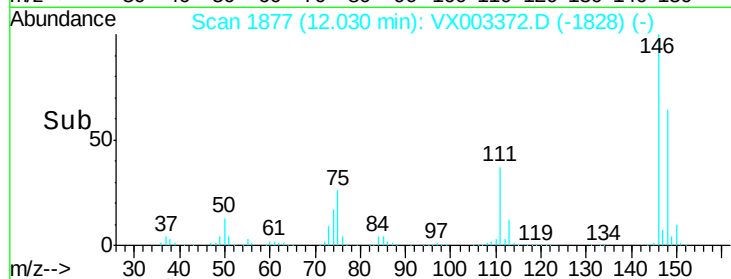
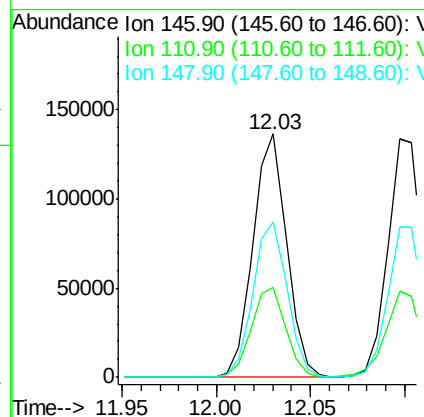
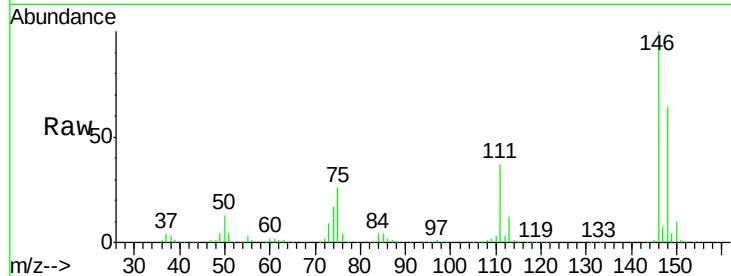
#87  
 1,3-Dichlorobenzene  
 Concen: 19.10 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.9  | 56.7  |
| 148     | 64.8  | 32.1  | 96.3  |

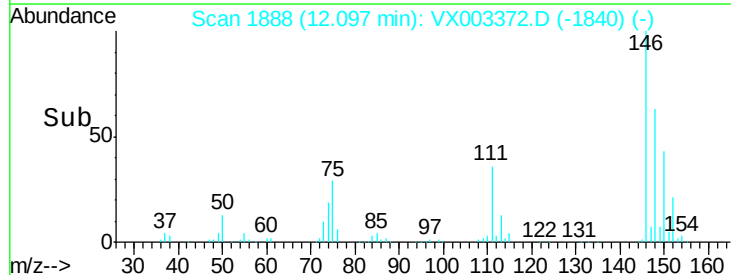
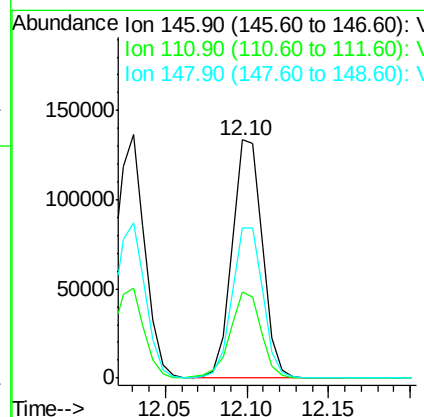
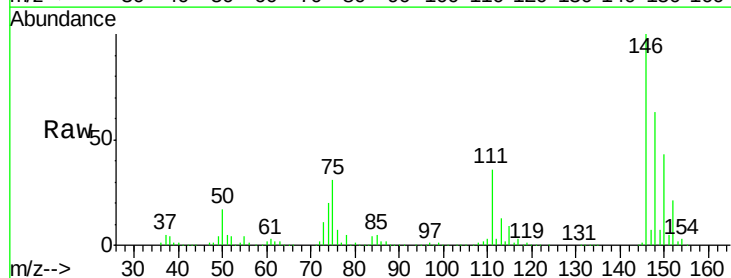
Manual Integrations  
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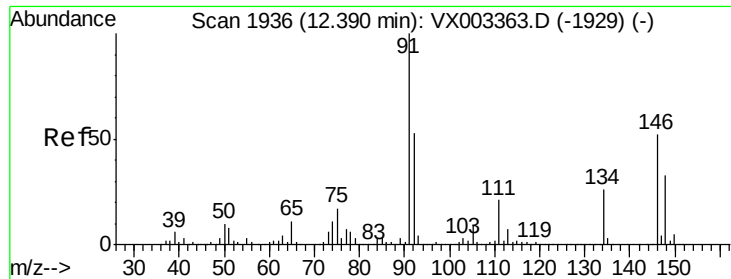
MMDadoda  
 7/16/2018 11:24:46 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.07 ug/l  
 RT: 12.10 min Scan# 1888  
 Delta R.T. -0.01 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.7  | 56.1  |
| 148     | 64.4  | 32.4  | 97.0  |





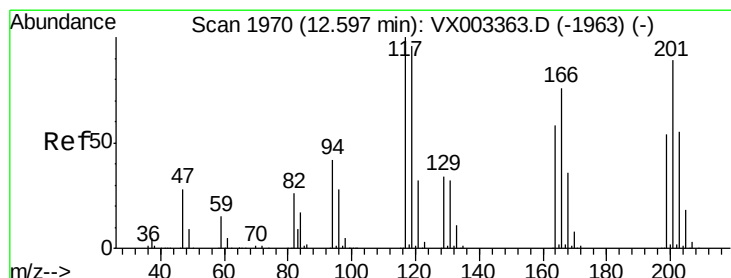
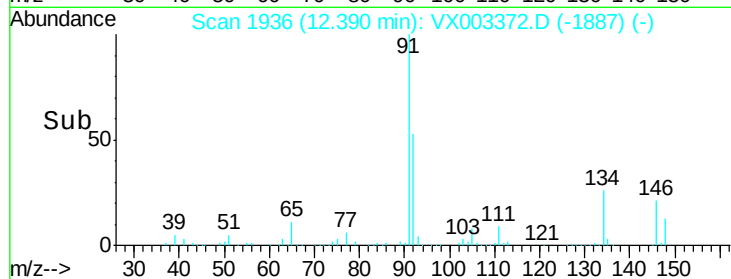
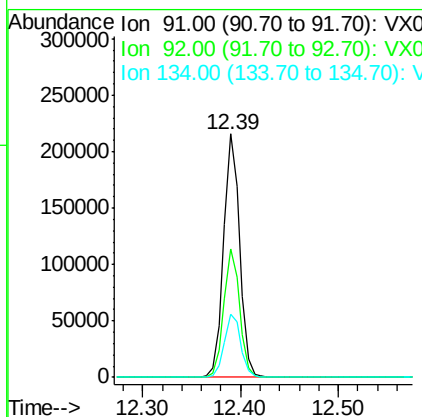
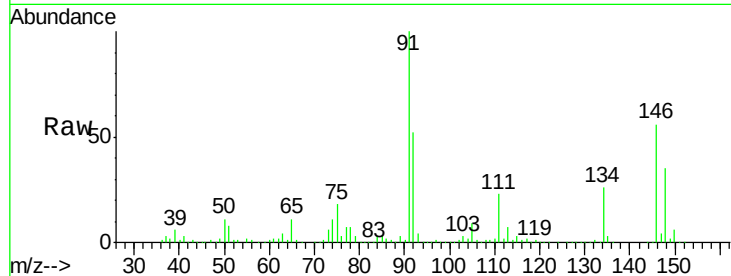
#89  
n-Butylbenzene  
Concen: 19.45 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 245390 |       |       |
| 92      | 52.2 | 26.0  | 78.0   |       |       |
| 134     | 26.6 | 13.5  | 40.5   |       |       |

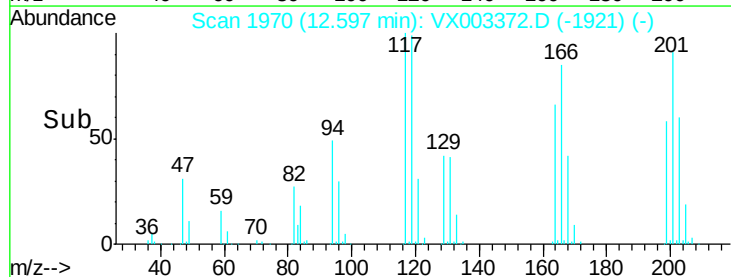
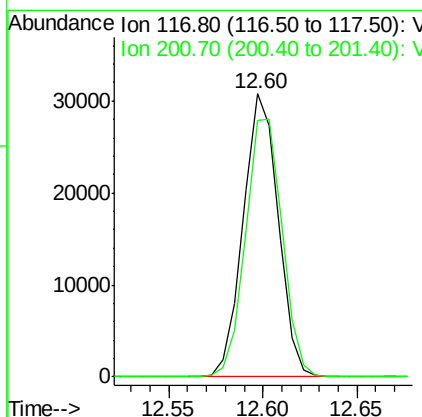
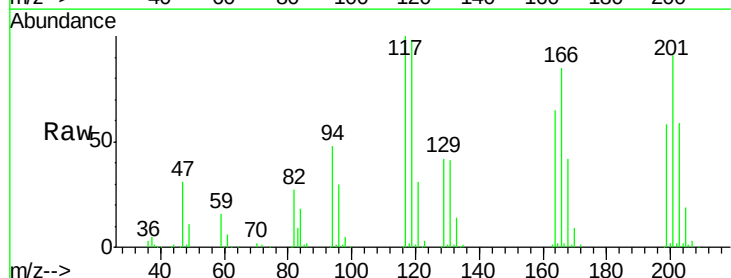
Manual Integrations  
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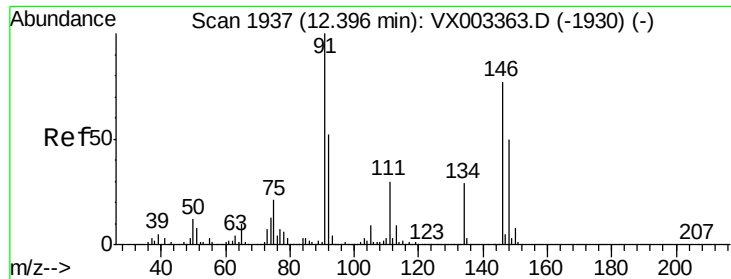
MMDadoda  
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#90  
Hexachloroethane  
Concen: 17.96 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: VX003372.D  
Acq: 13 Jul 2018 20:15

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       | 39702 |       |       |
| 201     | 95.4 | 49.0  | 147.0 |       |       |





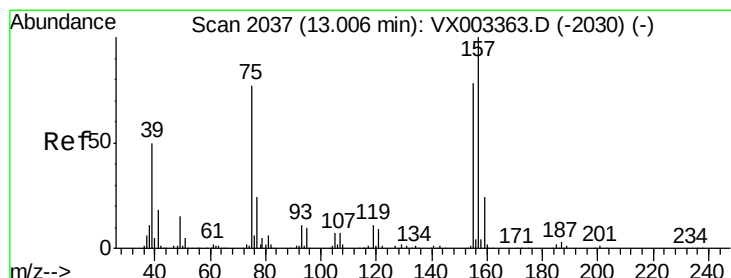
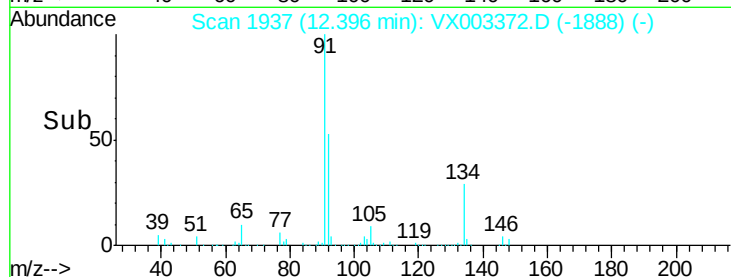
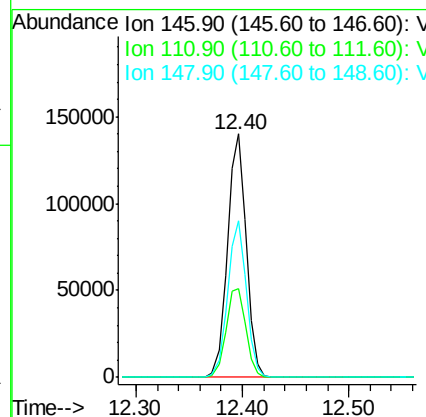
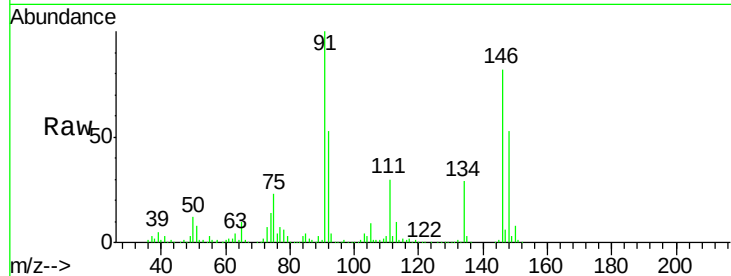
#91  
 1,2-Dichlorobenzene  
 Concen: 19.43 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.4  | 58.1  |
| 148     | 64.1  | 31.7  | 95.1  |

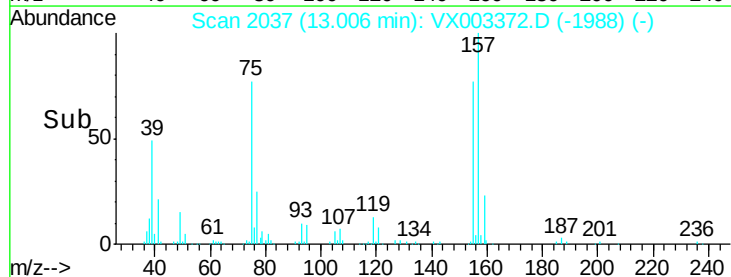
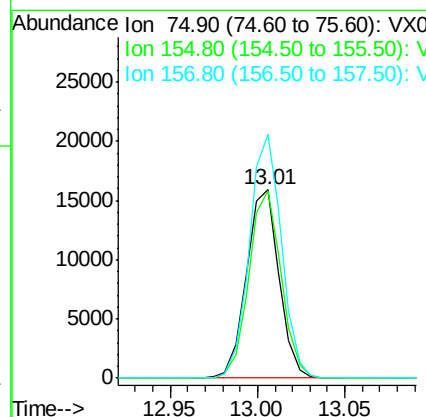
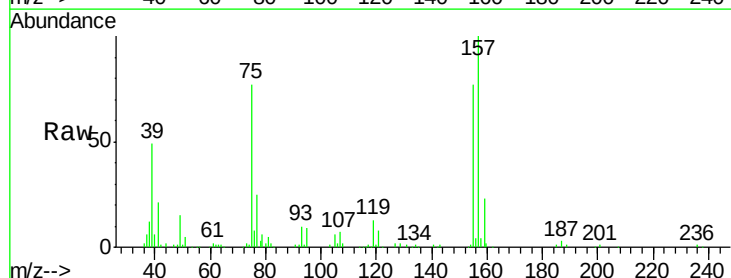
Manual Integrations  
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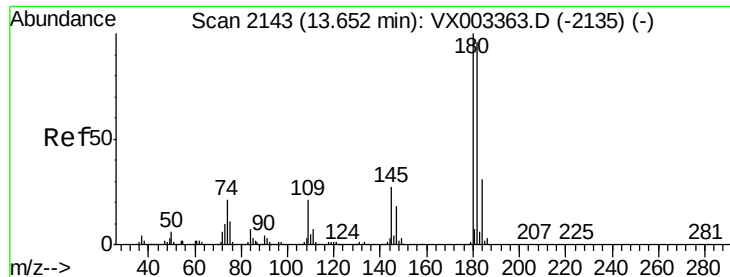
MMDadoda  
 7/16/2018 11:24:46 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.84 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.9  | 45.8  | 137.4 |
| 157     | 127.7 | 60.1  | 180.3 |





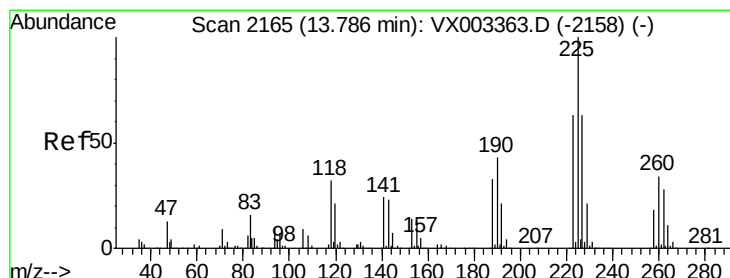
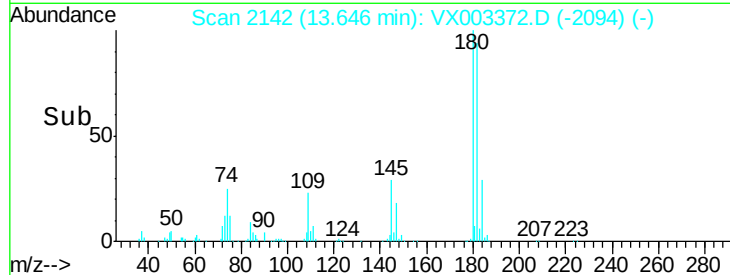
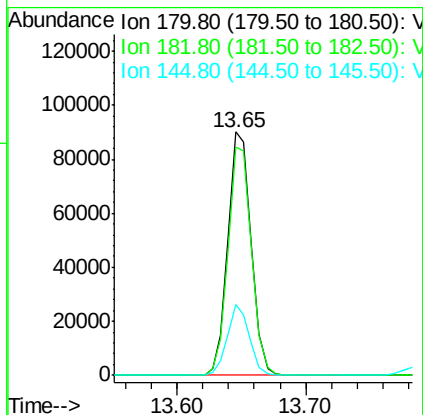
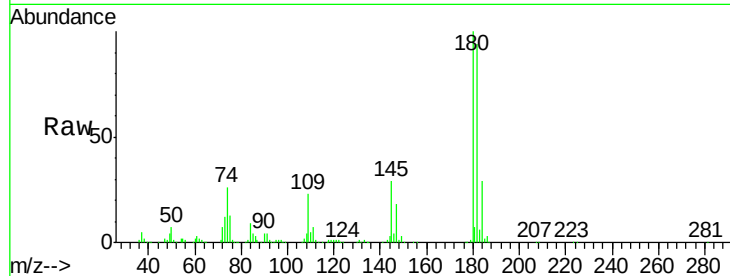
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.88 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. -0.01 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 114634 |       |       |
| 182     | 94.8  | 47.7   | 143.1 |       |
| 145     | 27.5  | 14.1   | 42.4  |       |

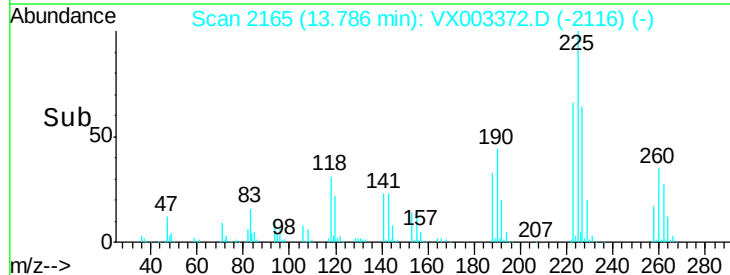
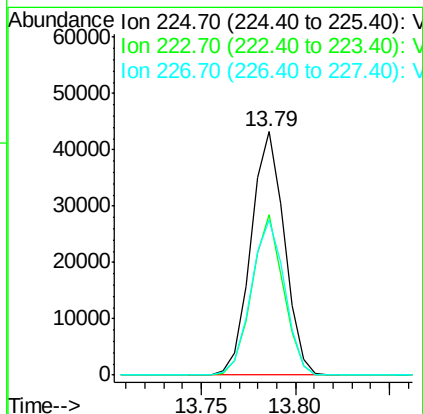
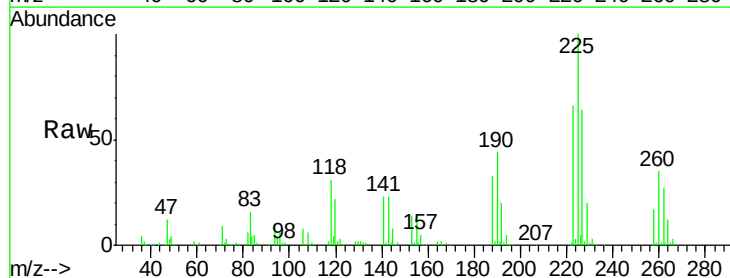
Manual Integrations  
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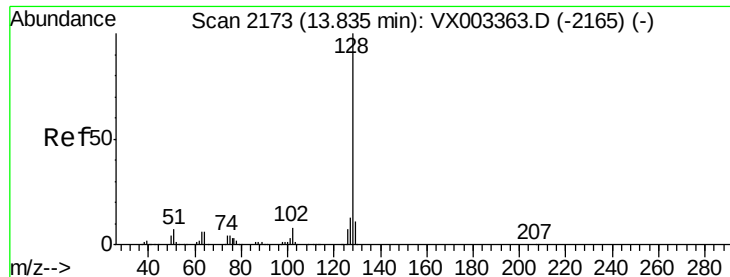
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 18.46 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003372.D  
 Acq: 13 Jul 2018 20:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 52895 |       |       |
| 223     | 62.4  | 31.6  | 95.0  |       |
| 227     | 64.0  | 32.4  | 97.2  |       |





#95

Naphthalene

Concen: 19.76 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA\_X

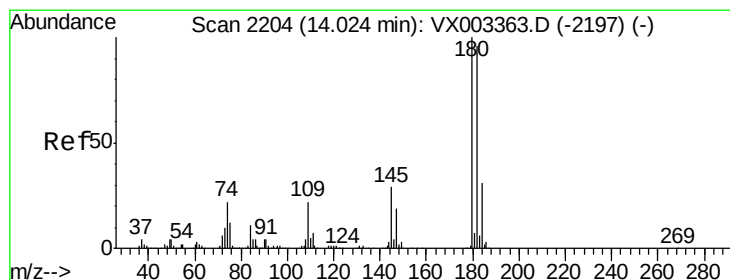
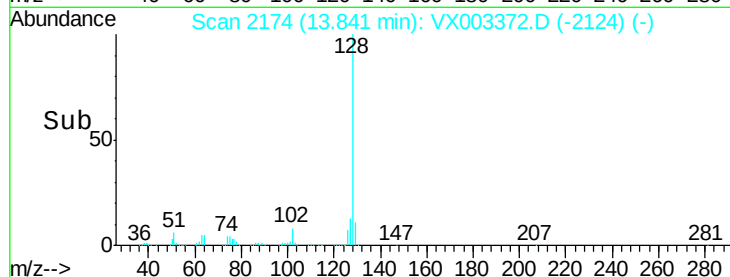
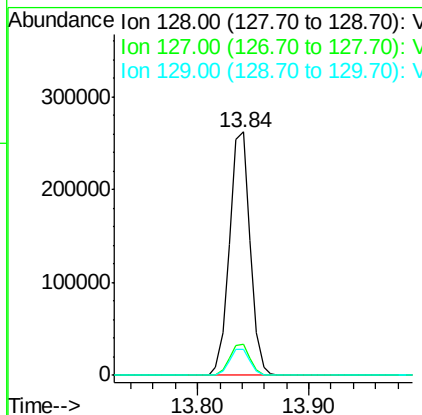
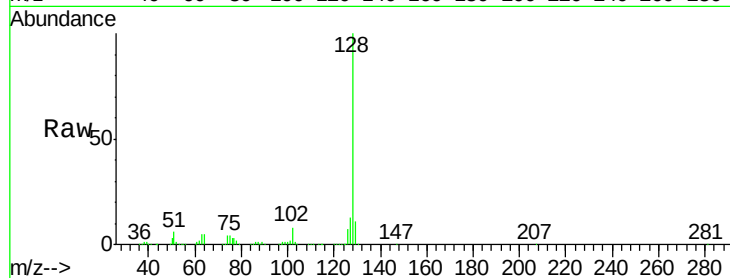
ClientSampleId :

VX0713WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 336185 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.4  | 15.6   |
| 129       | 10.8  | 8.6   | 13.0   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 19.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 117618 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.4  | 48.0  | 144.0  |
| 145       | 29.5  | 14.8  | 44.3   |

