

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX112918\  
 Data File : VX006215.D  
 Acq On : 29 Nov 2018 16:45  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112918

Manual Integrations  
 APPROVED

MMDadoda  
 11/30/2018 10:13:25 AM

Quant Time: Nov 30 04:03:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 816315   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 1191022  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 1099750  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 582090   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 397448   | 47.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.38%  |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 382706   | 49.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.26%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 1379578  | 49.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.36%  |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 535354   | 50.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.30% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 420520  | 52.612  | ug/l | 99     |
| 3) Chloromethane              | 1.33 | 50  | 429085  | 52.240  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 452595  | 51.198  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 308396  | 50.338  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 277674  | 51.230  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 680253  | 50.130  | ug/l | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 248187  | 48.326  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 380424  | 49.303  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 552680  | 47.529  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 551842  | 242.146 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 359936  | 48.729  | ug/l | 99     |
| 13) Acrolein                  | 2.29 | 56  | 303270  | 243.474 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 719722  | 49.325  | ug/l | 100    |
| 15) Acrylonitrile             | 3.15 | 53  | 1154425 | 242.749 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 955519  | 244.332 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 1146511 | 50.372  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 635812  | 48.616  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 1289602 | 48.940  | ug/l | 100    |
| 20) Methylene Chloride        | 2.86 | 84  | 393733  | 47.306  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 385428  | 48.964  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.87 | 45  | 1109200 | 48.668  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 4793893 | 246.614 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 620528  | 47.635  | ug/l | 98     |
| 25) 2-Butanone                | 4.70 | 43  | 1359146 | 243.571 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 570169  | 47.426  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 427088  | 48.642  | ug/l | 99     |
| 28) Bromochloromethane        | 5.02 | 49  | 290183  | 50.999  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.15 | 42  | 930265  | 239.874 | ug/l | 100    |
| 30) Chloroform                | 5.21 | 83  | 655111  | 47.855  | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 578893  | 48.086  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 626059  | 48.066  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 491892  | 49.044  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.85 | 43  | 542211  | 48.274  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 583409  | 49.445  | ug/l | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX112918\  
 Data File : VX006215.D  
 Acq On : 29 Nov 2018 16:45  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112918

Manual Integrations  
 APPROVED

MMDadoda  
 11/30/2018 10:13:25 AM

Quant Time: Nov 30 04:03:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 642991   | 49.389  | ug/l  | 98       |
| 40) Benzene                    | 6.15  | 78   | 1487050  | 49.503  | ug/l  | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 294770   | 47.695  | ug/l  | 100      |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 487234   | 49.559  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 906458   | 48.404  | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 446992   | 49.118  | ug/l  | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 369998   | 48.463  | ug/l  | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 272962   | 49.505  | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.90  | 83   | 529317   | 49.572  | ug/l  | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 446172   | 48.974  | ug/l  | 100      |
| 49) 1,4-Dioxane                | 7.75  | 88   | 216958   | 966.241 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 2712016  | 248.770 | ug/l  | 100      |
| 52) Toluene                    | 8.79  | 92   | 966734   | 48.916  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 621840   | 49.796  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 636899   | 49.117  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 401877   | 50.054  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 622752   | 49.615  | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 631478   | 49.738  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 1542365  | 242.154 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 2072624  | 248.847 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 490140   | 49.508  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 437824   | 48.769  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 396005   | 47.814  | ug/l  | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 1145595  | 49.072  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 440687   | 48.585  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1894336  | 48.788  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 1518367  | 97.623  | ug/l  | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 745178   | 48.505  | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 1230381  | 49.517  | ug/l  | 99       |
| 71) Bromoform                  | 10.86 | 173  | 430539   | 50.283  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 1965635  | 48.898  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 834595   | 48.214  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 618892   | 48.124  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 580304m  | 51.650  | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 547897   | 49.113  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 2213483  | 49.536  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 1303589  | 49.083  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 1627267  | 48.653  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 230831   | 48.214  | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1516170  | 49.101  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 1737120  | 48.678  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1670712  | 48.376  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 2003693  | 49.355  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 1790820  | 48.987  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 984674   | 49.605  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 972662   | 48.277  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 1546647  | 49.585  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 365887   | 49.108  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 945599   | 47.999  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 148559   | 45.064  | ug/l  | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX112918\  
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Operator : JC/MD  
Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Manual Integrations  
APPROVED

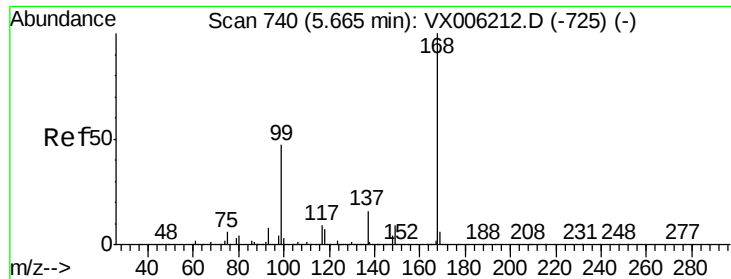
MMDadoda  
11/30/2018 10:13:25 AM

Quant Time: Nov 30 04:03:05 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 30 03:55:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 712082   | 49.544 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 320584   | 50.436 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 2168734  | 48.508 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 706213   | 49.608 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 168 Resp: 816315

Ion Ratio Lower Upper

168 100

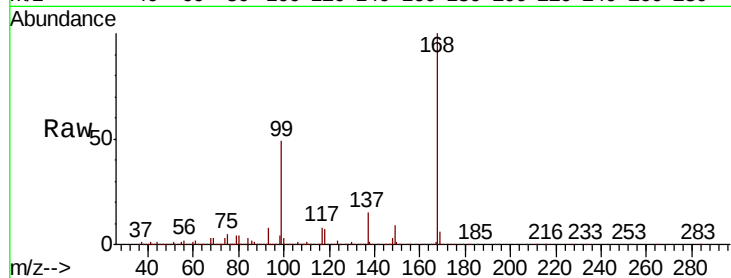
99 48.5 37.8 56.8

Manual Integrations

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11/30/2018 10:13:25 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

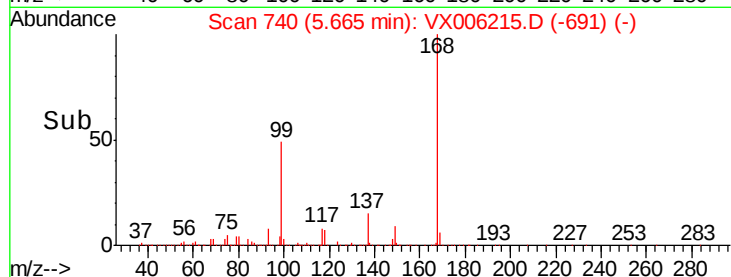
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200000

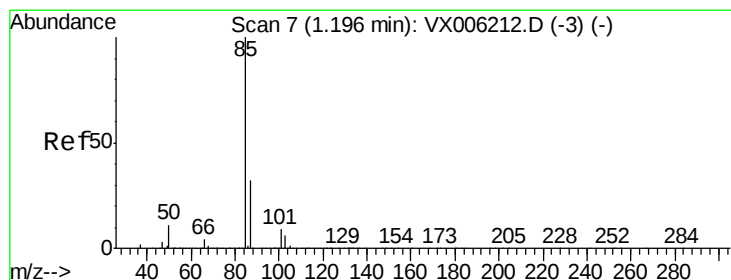
100000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 52.612 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006215.D

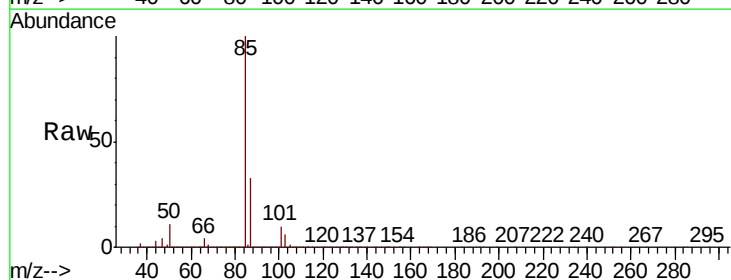
Acq: 29 Nov 2018 16:45

Tgt Ion: 85 Resp: 420520

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

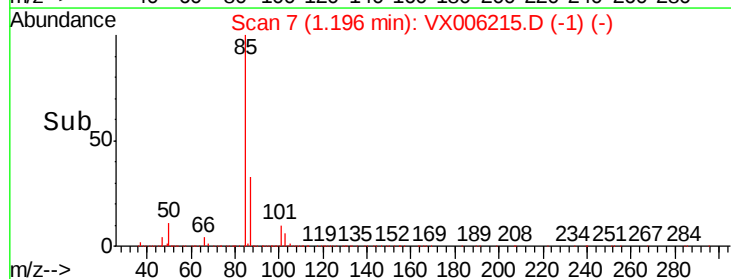
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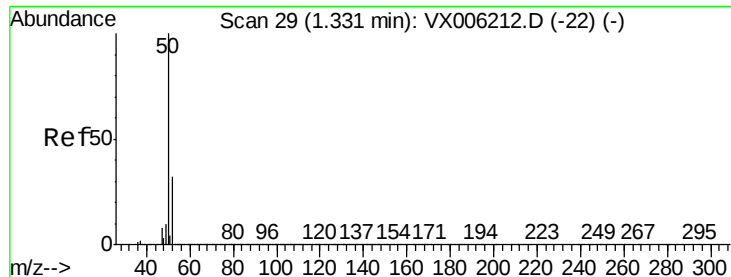
100000

0

1.15 1.20 1.25 1.30



Time-->



#3

Chloromethane

Concen: 52.240 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 50 Resp: 429085

Ion Ratio Lower Upper

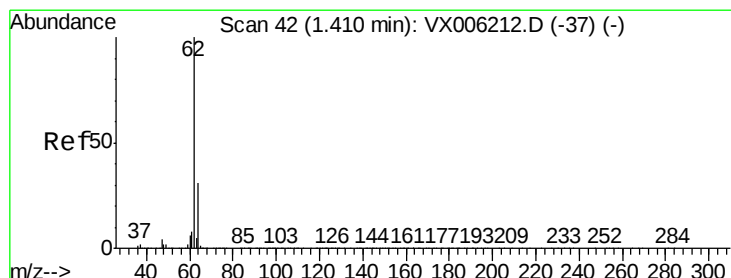
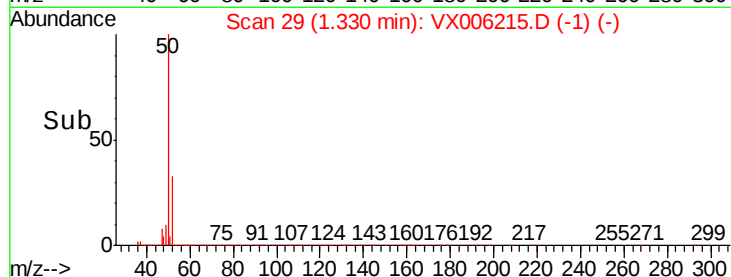
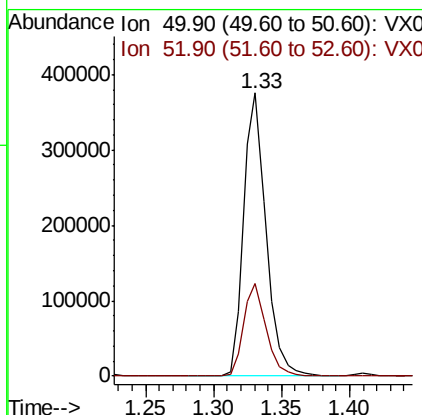
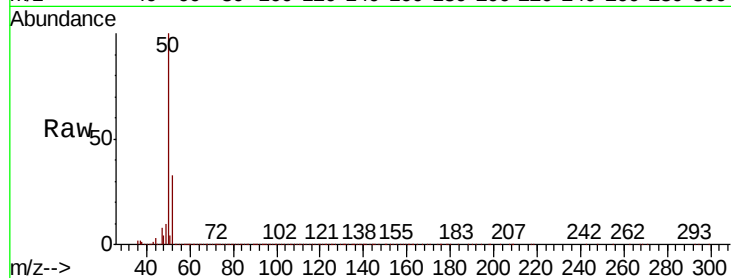
50 100

52 32.5 25.2 37.8

Manual Integrations  
APPROVED

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11/30/2018 10:13:25 AM



#4

Vinyl Chloride

Concen: 51.198 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006215.D

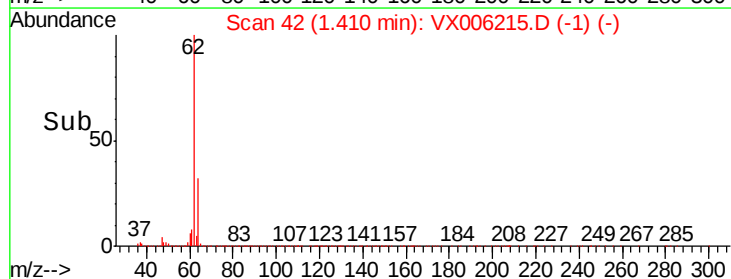
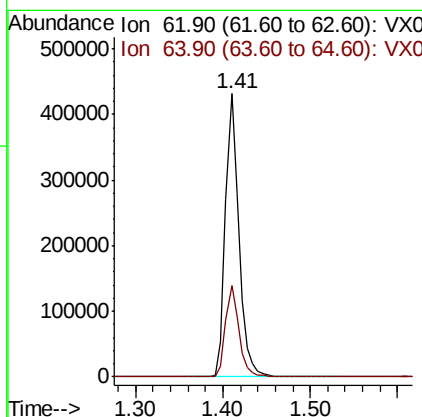
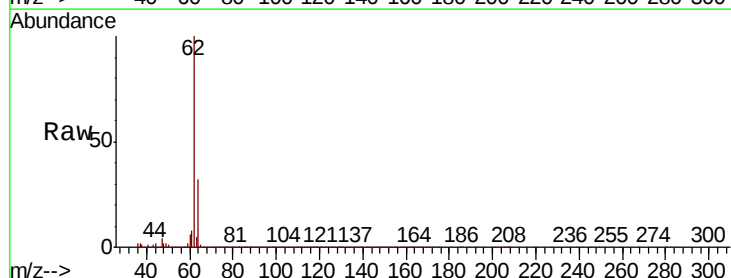
Acq: 29 Nov 2018 16:45

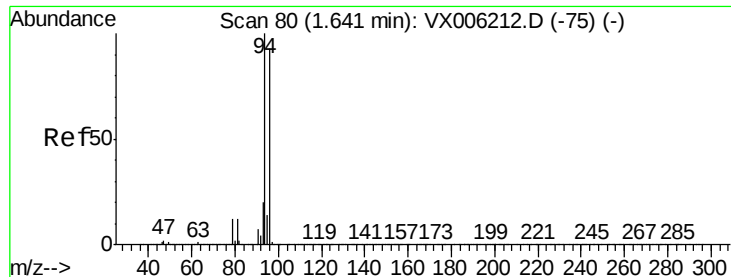
Tgt Ion: 62 Resp: 452595

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 50.338 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 94 Resp: 308396

Ion Ratio Lower Upper

94 100

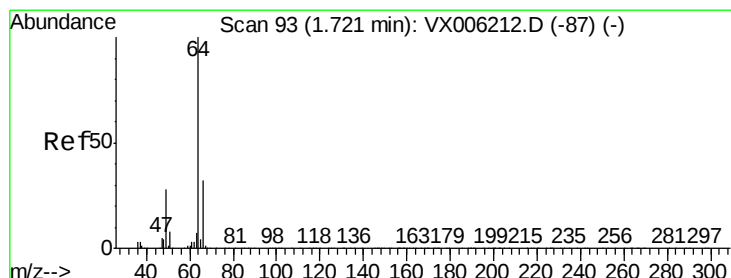
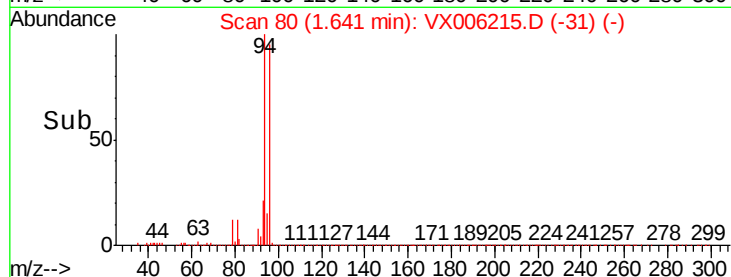
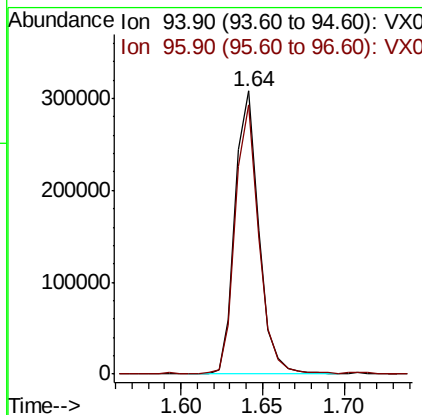
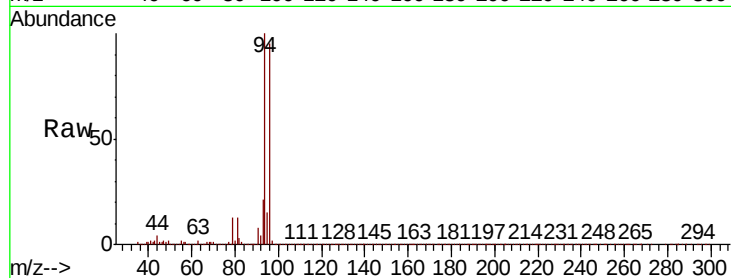
96 94.9 74.5 111.7

Manual Integrations

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11/30/2018 10:13:25 AM



#6

Chloroethane

Concen: 51.230 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX006215.D

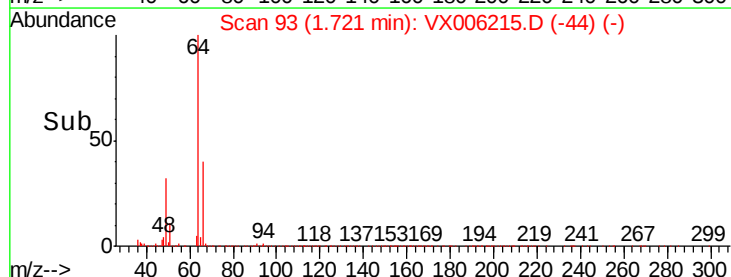
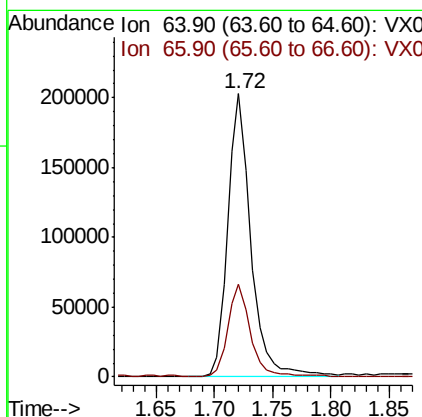
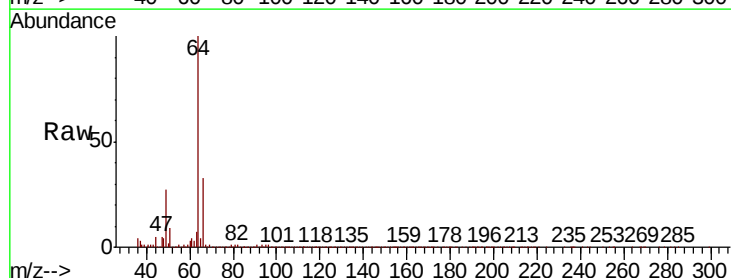
Acq: 29 Nov 2018 16:45

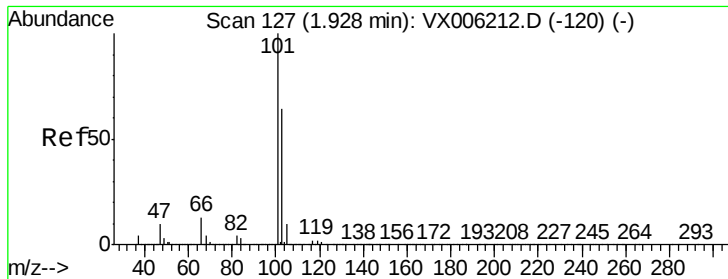
Tgt Ion: 64 Resp: 277674

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9





#7

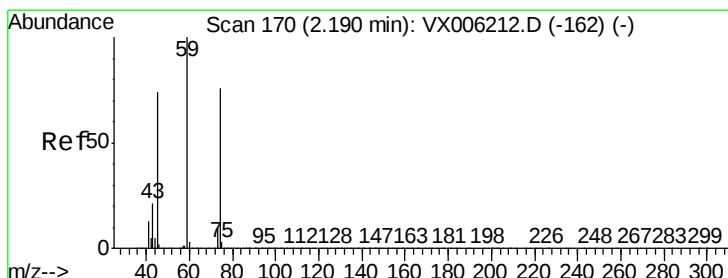
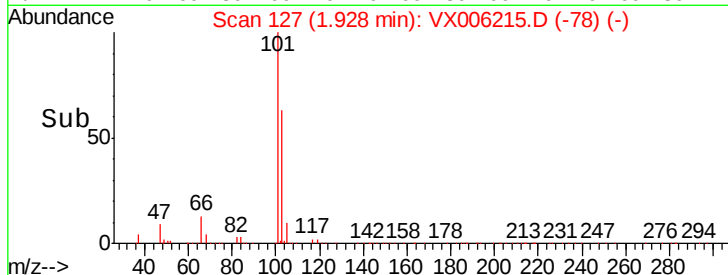
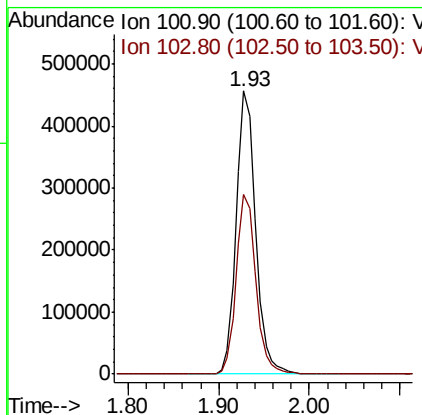
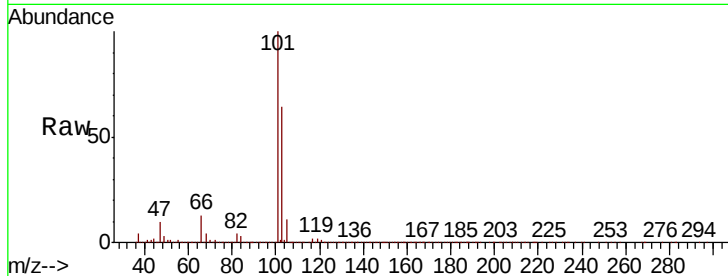
Trichlorofluoromethane  
Concen: 50.130 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 680253 |       |       |
| 103     | 63.5  | 51.0   | 76.4  |       |

Manual Integrations  
APPROVED

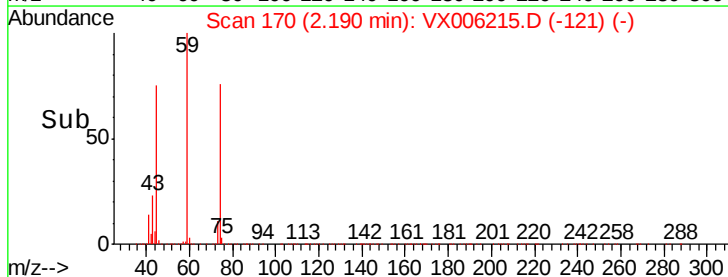
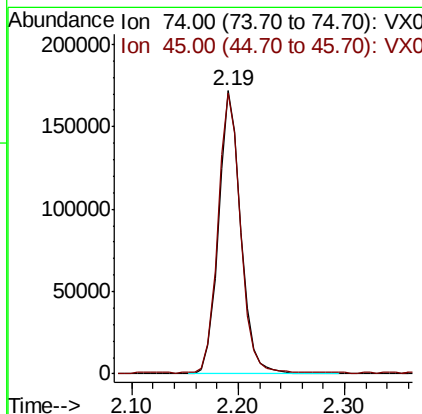
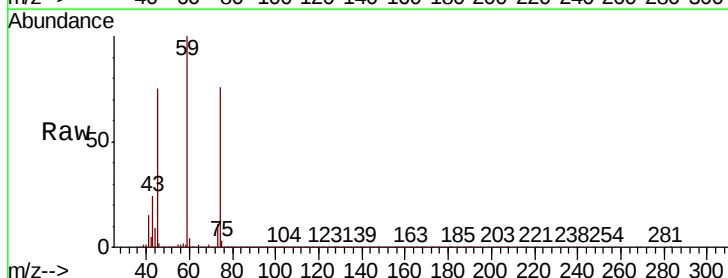
MMDadoda  
11/30/2018 10:13:25 AM

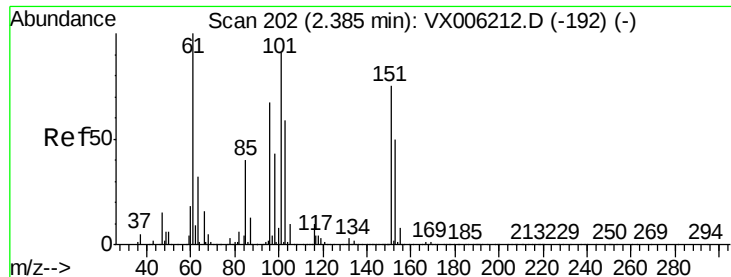


#8

Diethyl Ether  
Concen: 48.326 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 248187 |       |       |
| 45      | 99.5  | 49.5   | 148.7 |       |





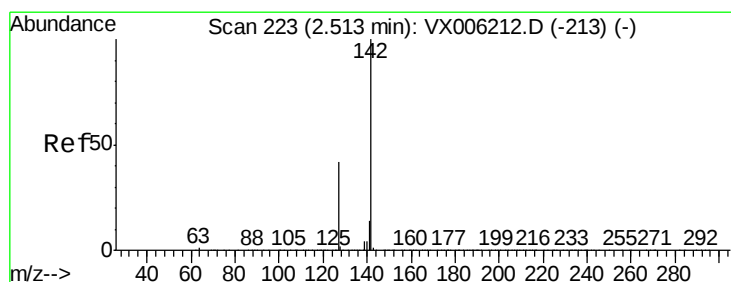
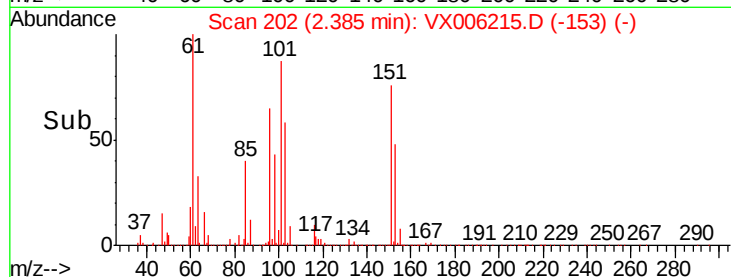
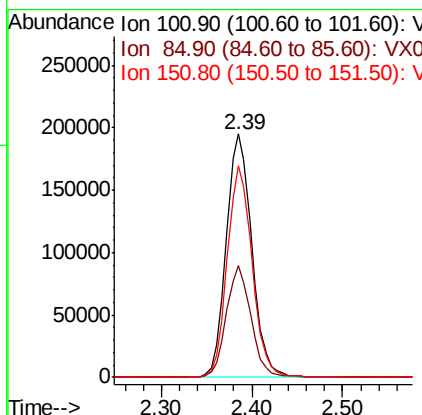
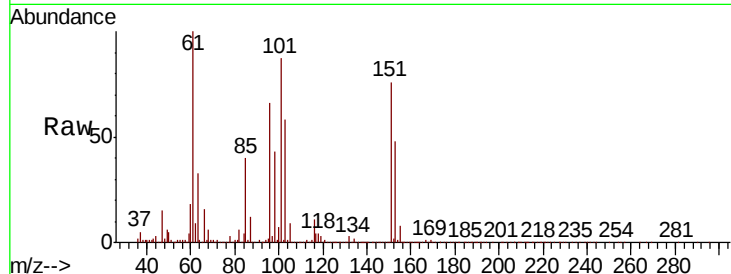
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.303 ug/l  
RT: 2.39 min Scan# 202  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 380424 |       |       |
| 85      | 44.2  | 35.5   | 53.3  |       |
| 151     | 84.7  | 68.6   | 103.0 |       |

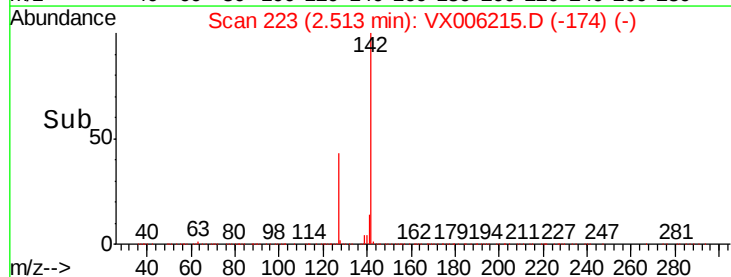
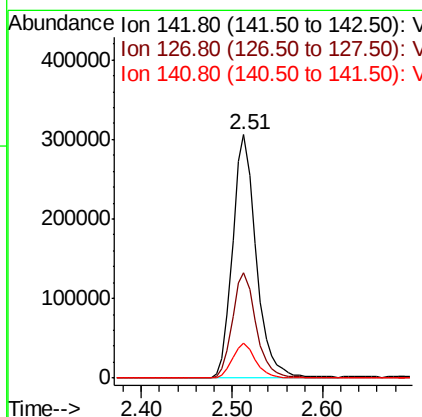
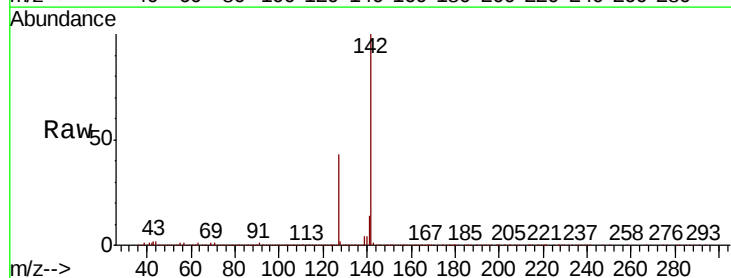
Manual Integrations  
APPROVED

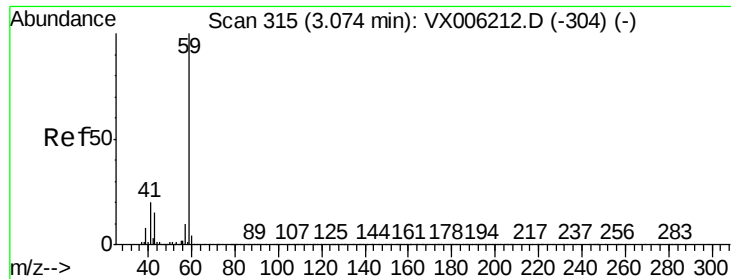
MMDadoda  
11/30/2018 10:13:25 AM



#10  
Methyl Iodide  
Concen: 47.529 ug/l  
RT: 2.51 min Scan# 223  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 552680 |       |       |
| 127     | 43.7  | 34.8   | 52.2  |       |
| 141     | 14.0  | 11.4   | 17.2  |       |





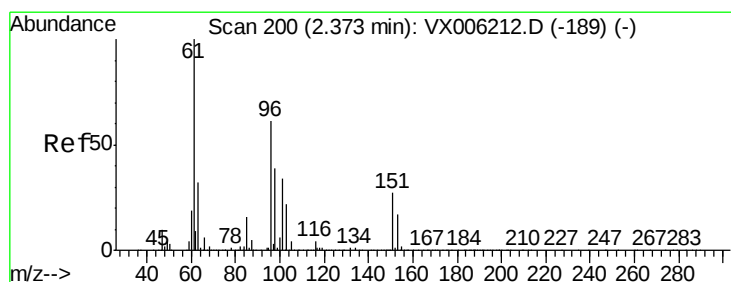
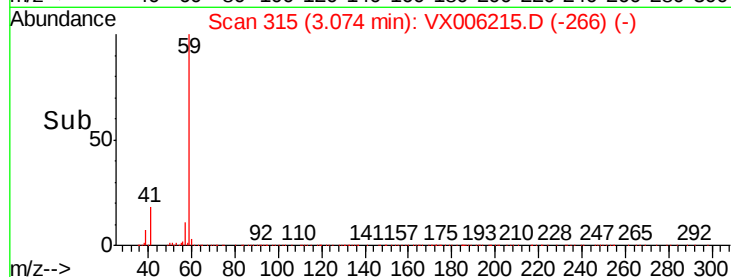
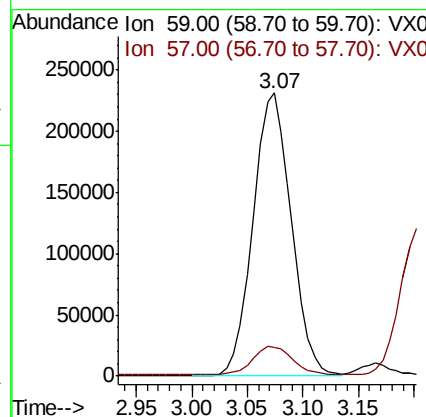
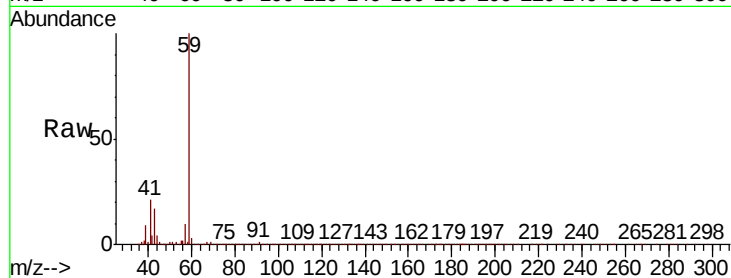
#11  
Tert butyl alcohol  
Concen: 242.146 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Tgt Ion: 59 Resp: 551842  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.2

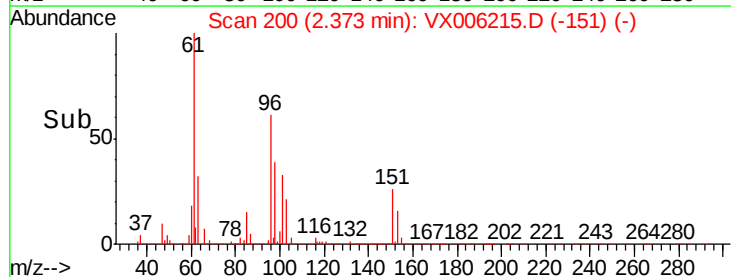
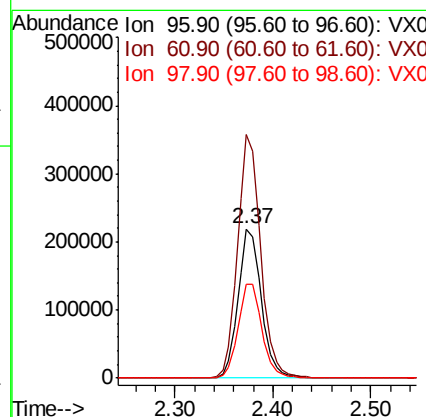
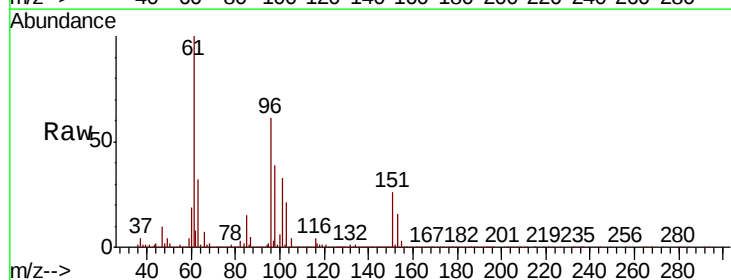
Manual Integrations  
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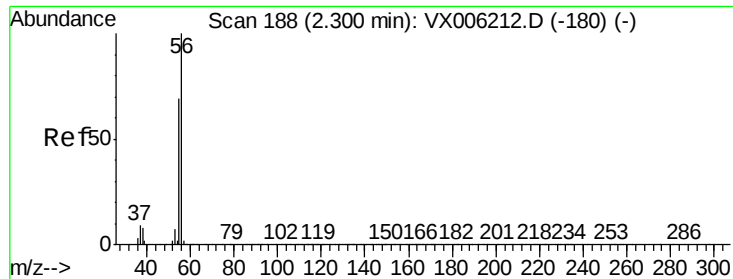
MMDadoda  
11/30/2018 10:13:25 AM



#12  
1,1-Dichloroethene  
Concen: 48.729 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Tgt Ion: 96 Resp: 359936  
Ion Ratio Lower Upper  
96 100  
61 163.1 131.7 197.5  
98 63.1 51.8 77.6





#13

Acrolein

Concen: 243.474 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 56 Resp: 303270

Ion Ratio Lower Upper

56 100

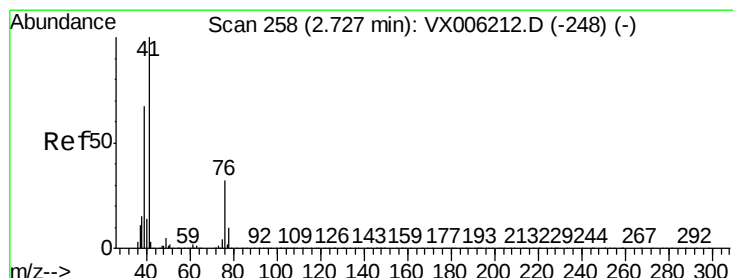
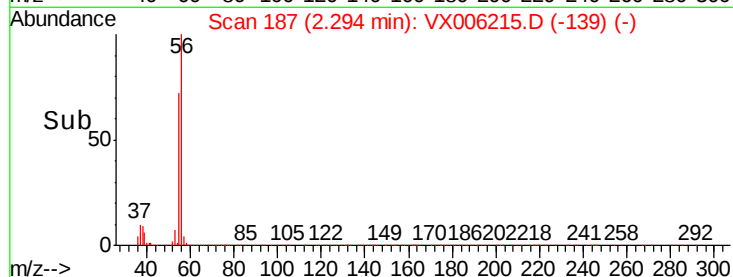
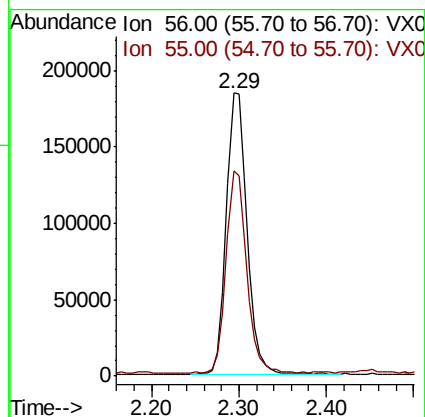
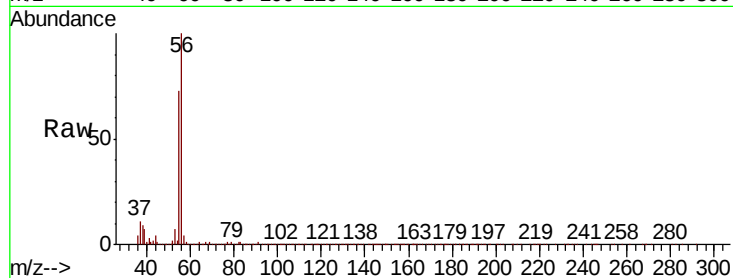
55 71.0 57.8 86.6

Manual Integrations

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11/30/2018 10:13:25 AM



#14

Allyl chloride

Concen: 49.325 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

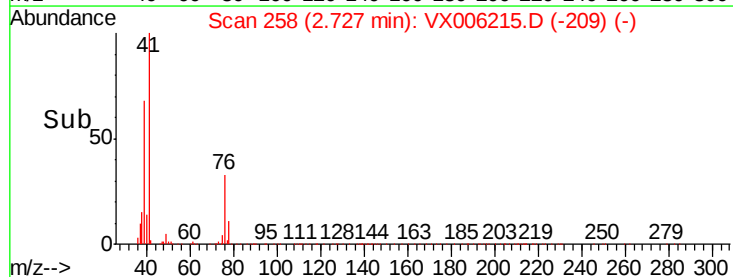
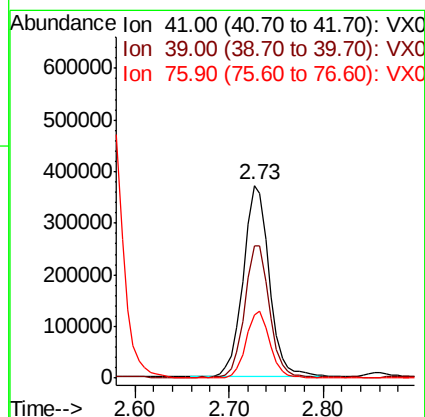
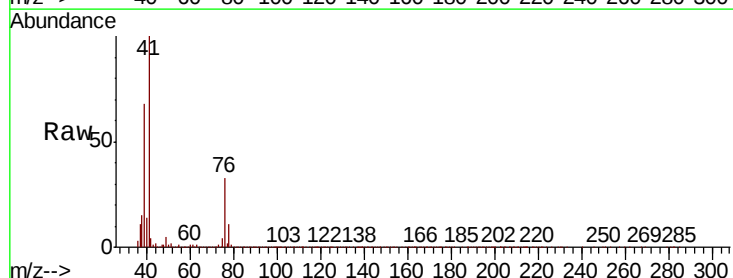
Tgt Ion: 41 Resp: 719722

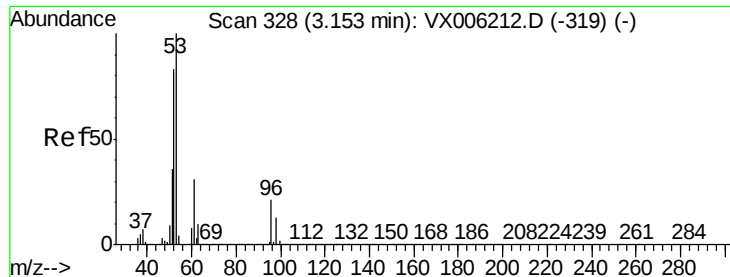
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 32.0 25.4 38.0





#15

Acrylonitrile

Concen: 242.749 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

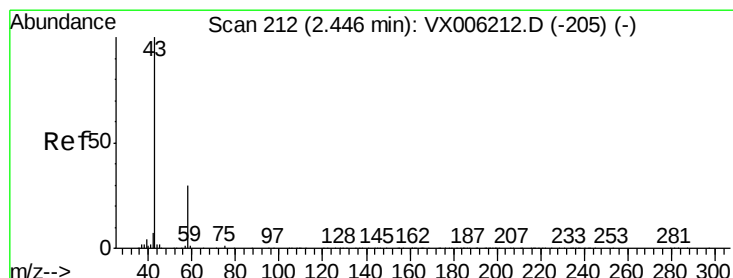
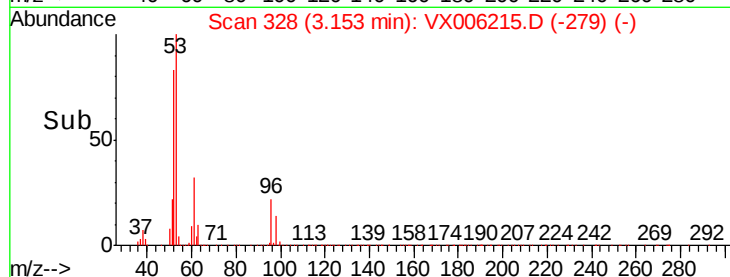
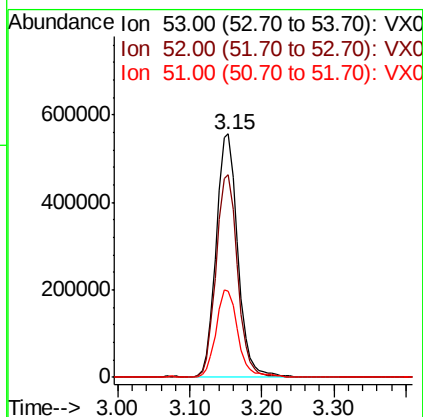
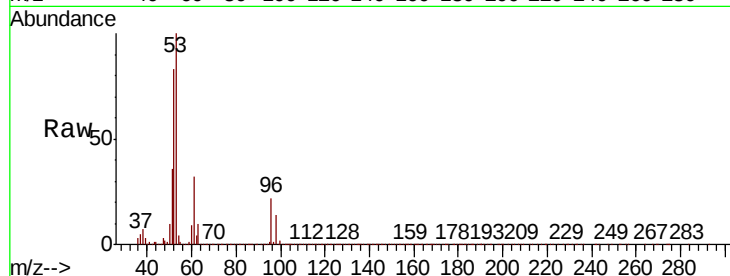
ClientSampleId :

ICVVX112918

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 53    | Resp: | 1154425 |
| Ion      | Ratio | Lower | Upper   |
| 53       | 100   |       |         |
| 52       | 83.0  | 66.2  | 99.4    |
| 51       | 36.2  | 28.7  | 43.1    |

Manual Integrations  
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11/30/2018 10:13:25 AM



#16

Acetone

Concen: 244.332 ug/l

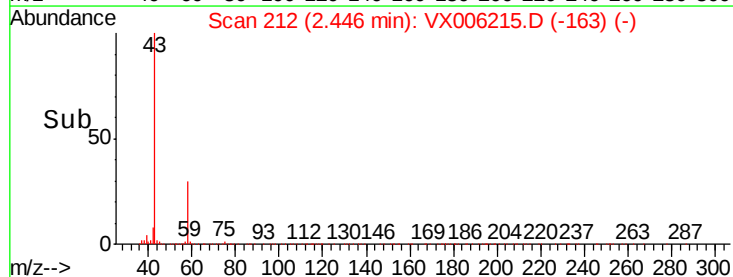
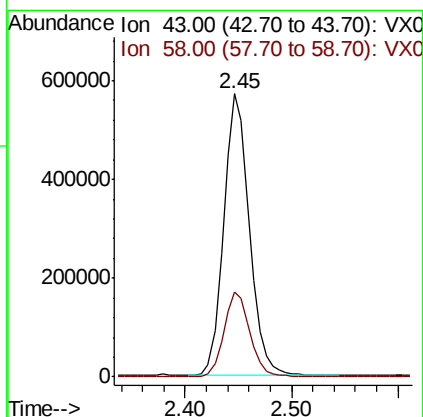
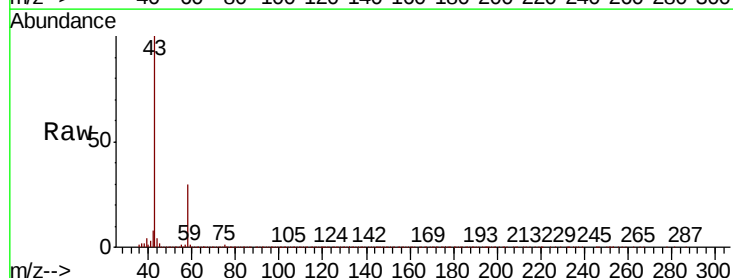
RT: 2.45 min Scan# 212

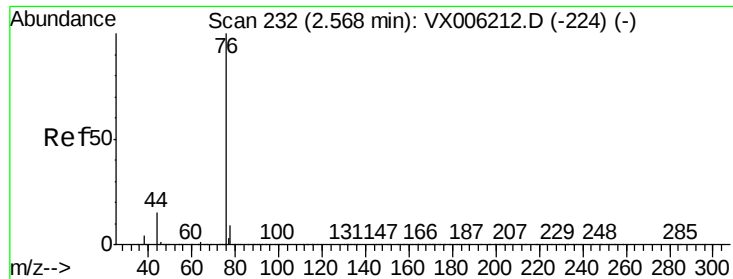
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 955519 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.1  | 24.0  | 36.0   |





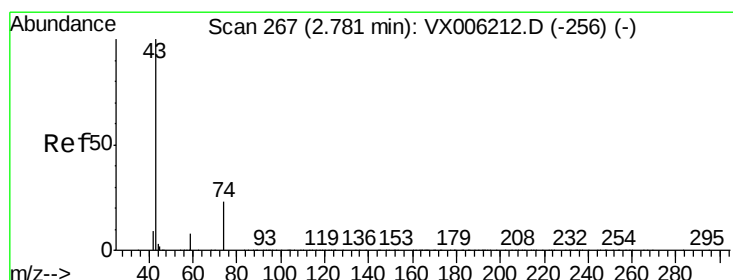
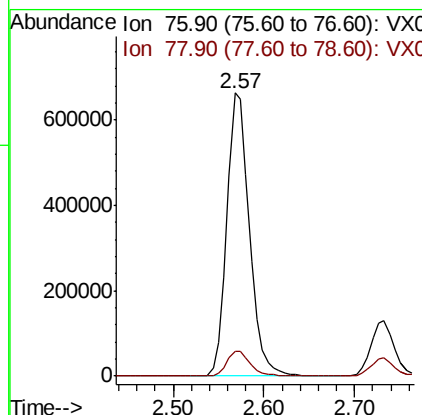
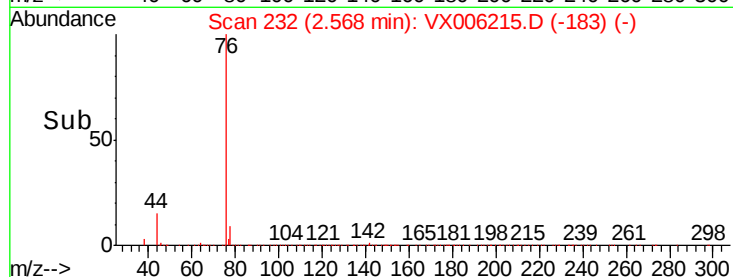
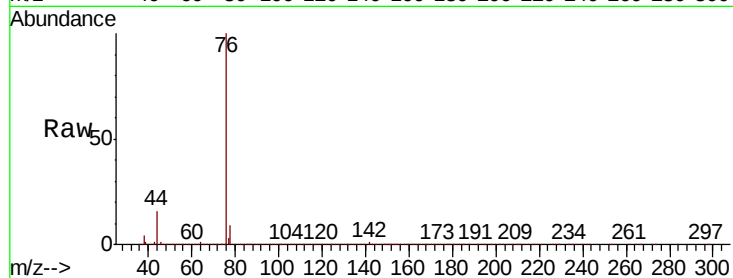
#17  
Carbon Disulfide  
Concen: 50.372 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Tgt Ion: 76 Resp: 1146511  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7

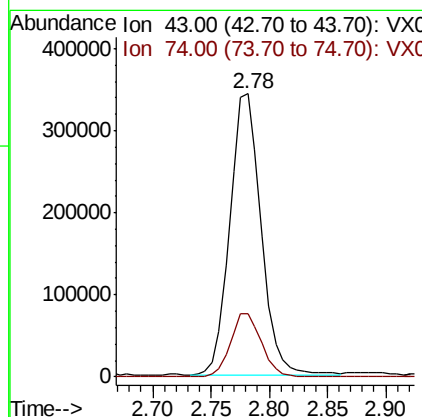
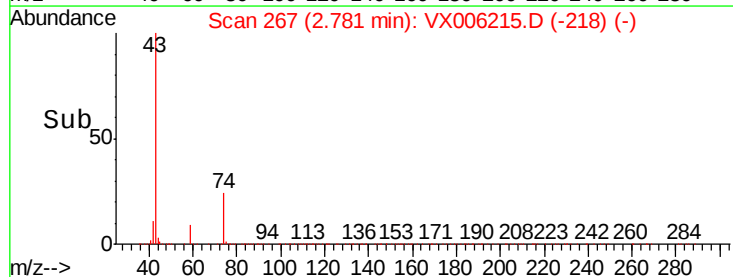
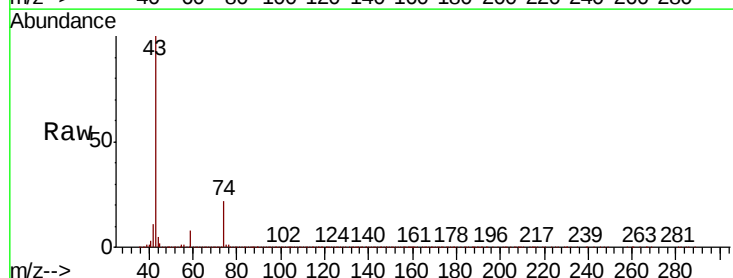
Manual Integrations  
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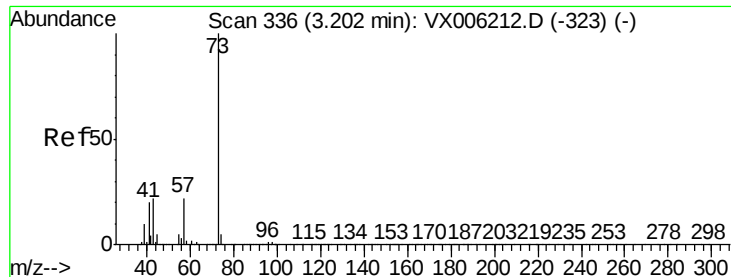
MMDadoda  
11/30/2018 10:13:25 AM



#18  
Methyl Acetate  
Concen: 48.616 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Tgt Ion: 43 Resp: 635812  
Ion Ratio Lower Upper  
43 100  
74 22.2 17.9 26.9





#19

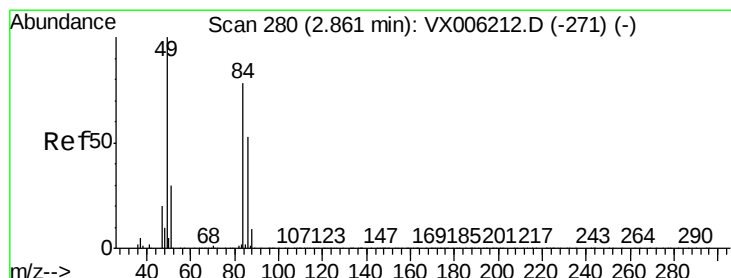
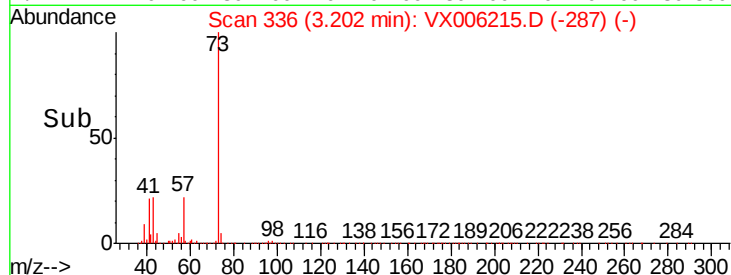
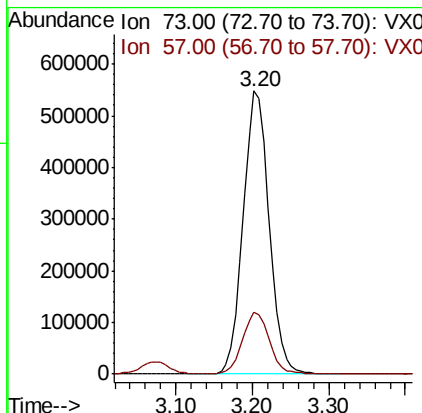
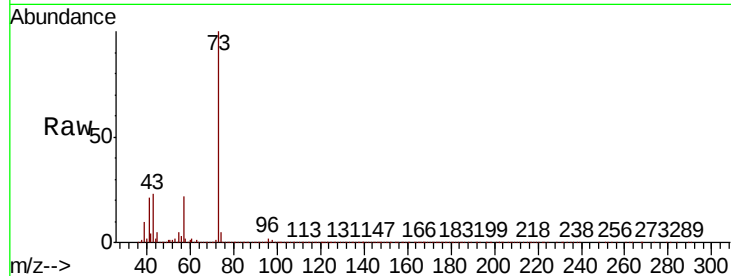
Methyl tert-butyl Ether  
Concen: 48.940 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Tgt Ion: 73 Resp: 1289602  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.5 26.3

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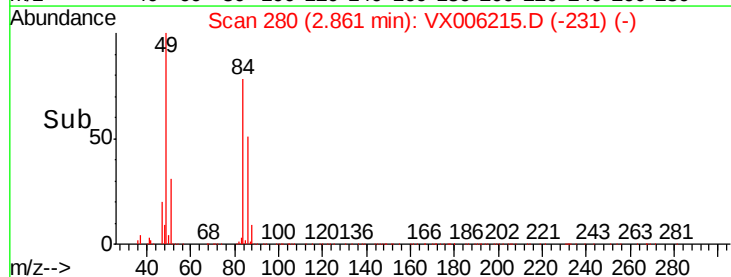
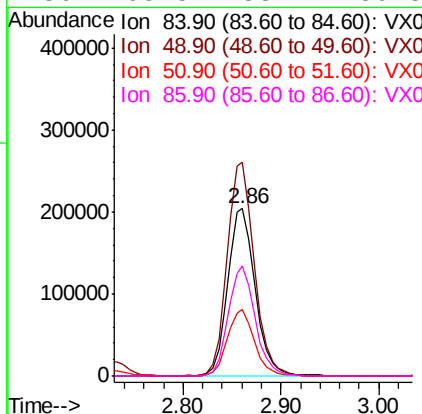
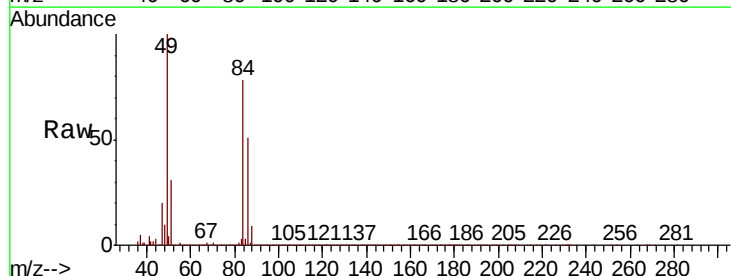
MMDadoda  
11/30/2018 10:13:25 AM

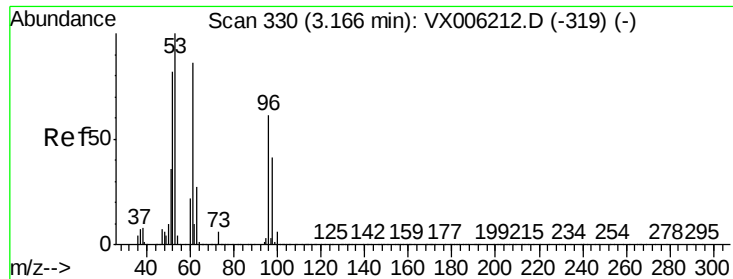


#20

Methylene Chloride  
Concen: 47.306 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Tgt Ion: 84 Resp: 393733  
Ion Ratio Lower Upper  
84 100  
49 127.6 102.2 153.4  
51 39.1 31.1 46.7  
86 65.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.964 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

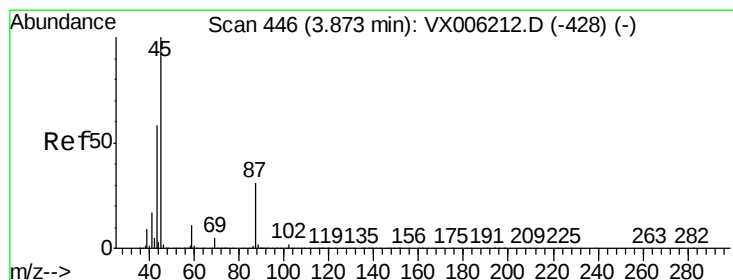
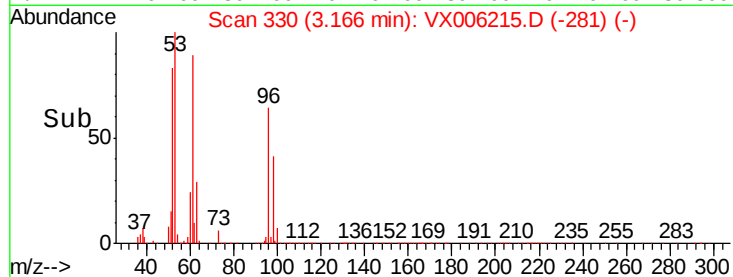
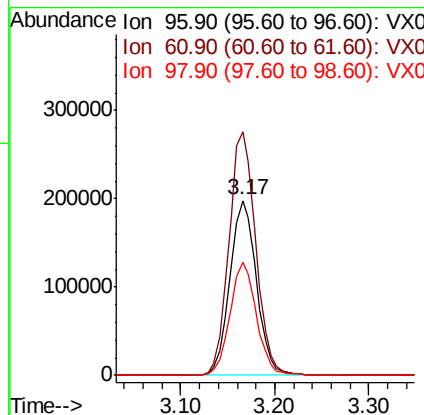
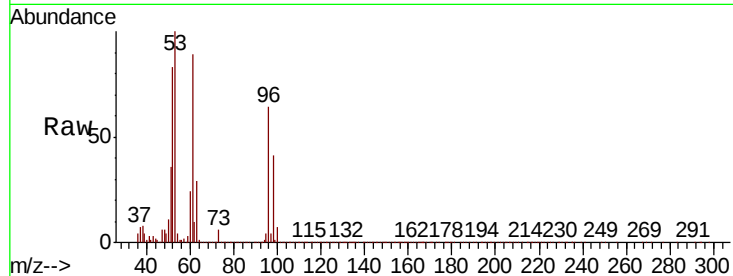
ClientSampleId :

ICVVX112918

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 385428 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.2 | 113.3 | 169.9  |
| 98       | 64.2  | 53.2  | 79.8   |

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MMDadoda  
11/30/2018 10:13:25 AM



#22

Diisopropyl ether

Concen: 48.668 ug/l

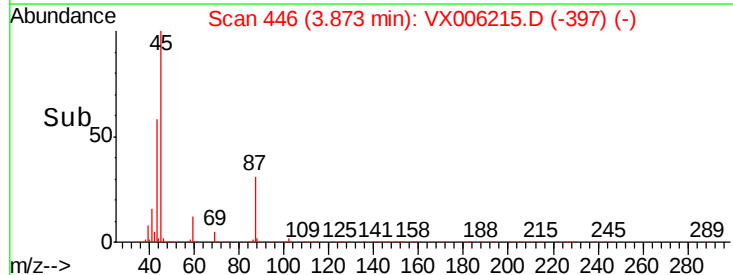
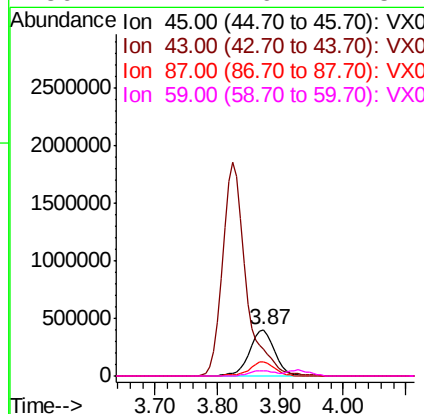
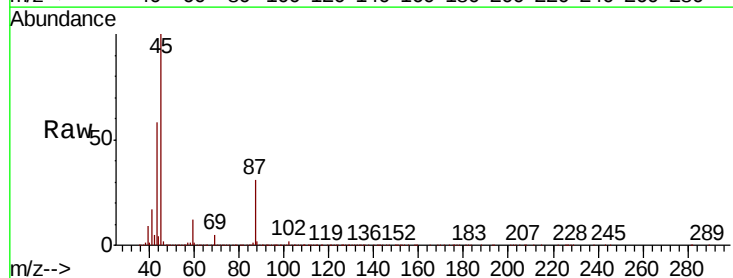
RT: 3.87 min Scan# 446

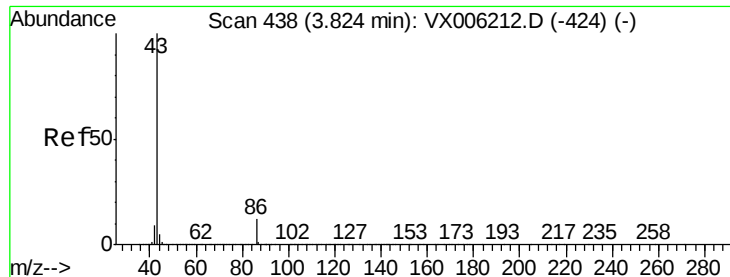
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1109200 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 43       | 58.0  | 46.2  | 69.2    |
| 87       | 30.6  | 24.9  | 37.3    |
| 59       | 12.2  | 9.1   | 13.7    |





#23

Vinyl Acetate

Concen: 246.614 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Tgt Ion: 43 Resp: 4793893

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0

Instrument :

MSVOA\_X

ClientSampleId :

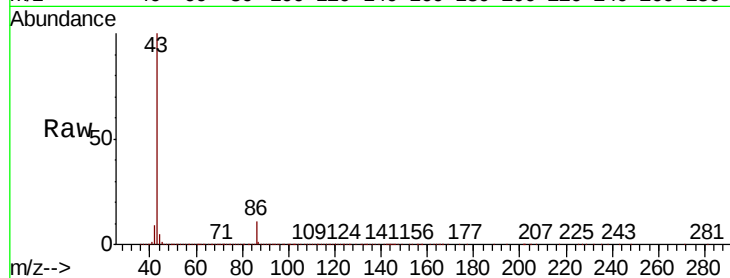
ICVVX112918

Manual Integrations

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MMDadoda

11/30/2018 10:13:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2000000

1500000

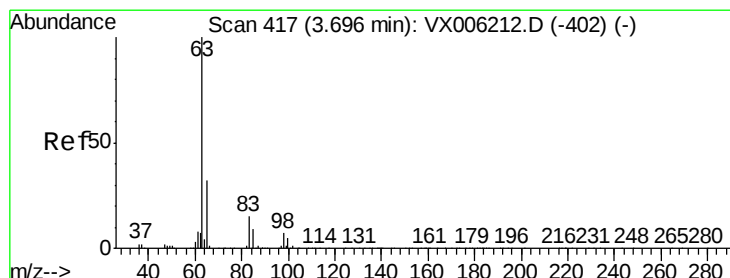
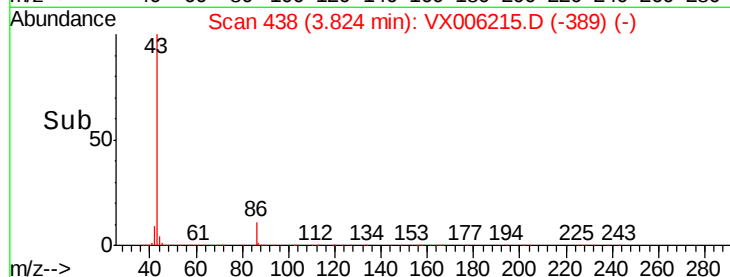
1000000

500000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.635 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

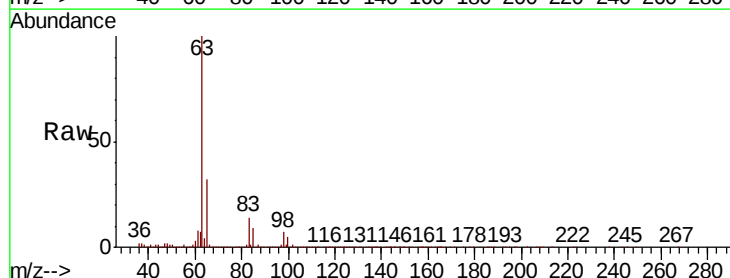
Tgt Ion: 63 Resp: 620528

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.7 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

300000

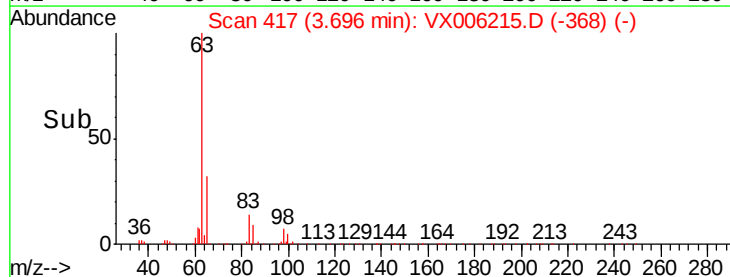
200000

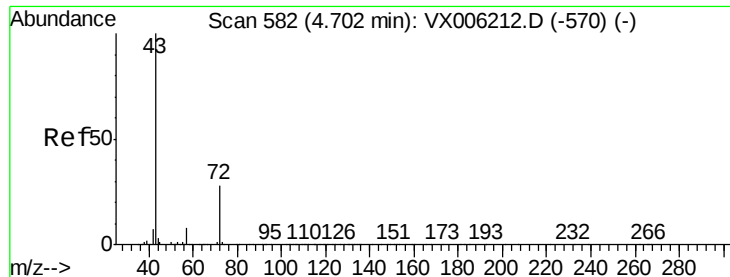
100000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 243.571 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 43 Resp: 1359146

Ion Ratio Lower Upper

43 100

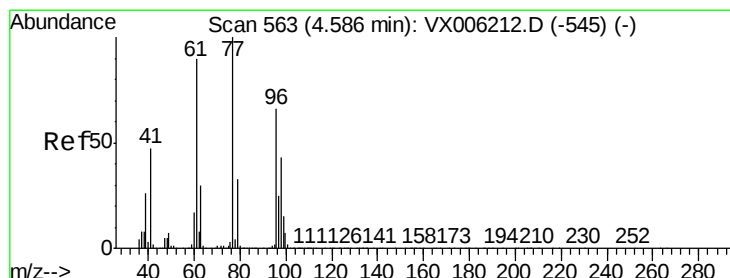
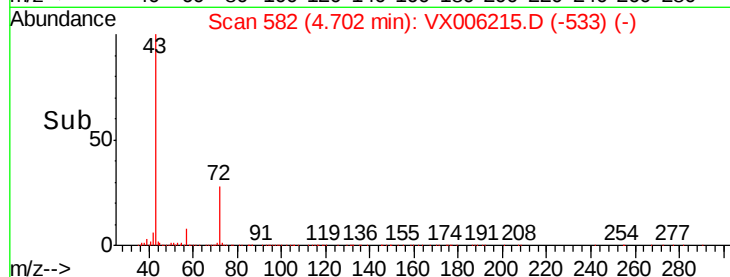
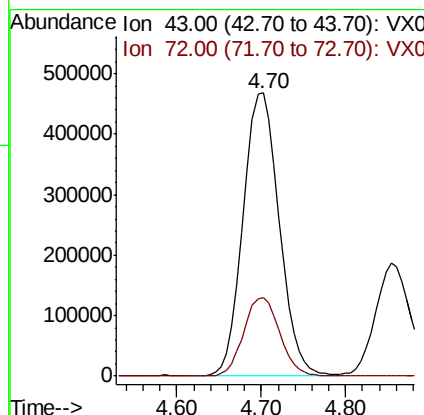
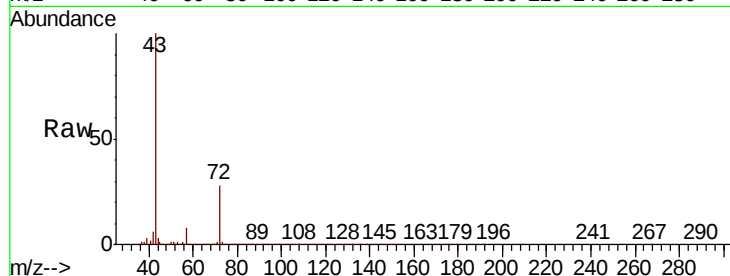
72 27.6 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 47.426 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006215.D

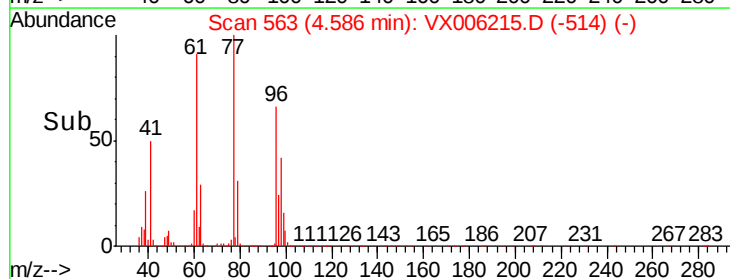
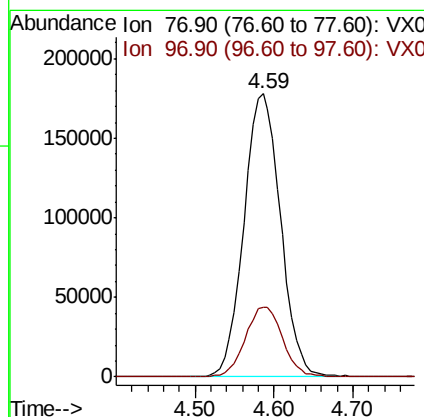
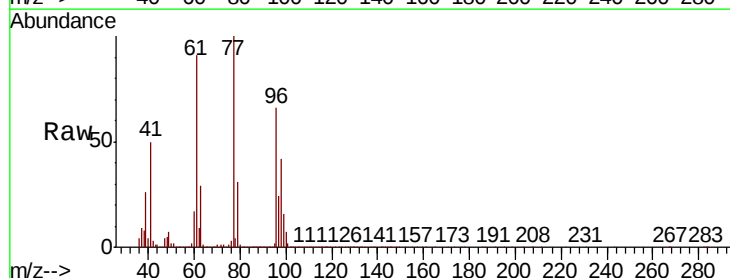
Acq: 29 Nov 2018 16:45

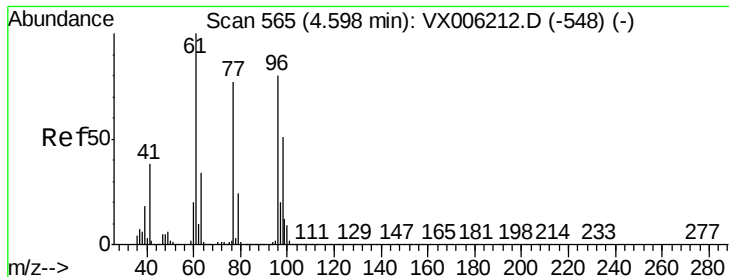
Tgt Ion: 77 Resp: 570169

Ion Ratio Lower Upper

77 100

97 25.1 12.3 36.8





#27

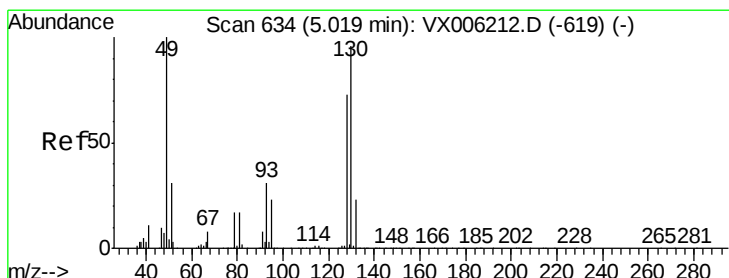
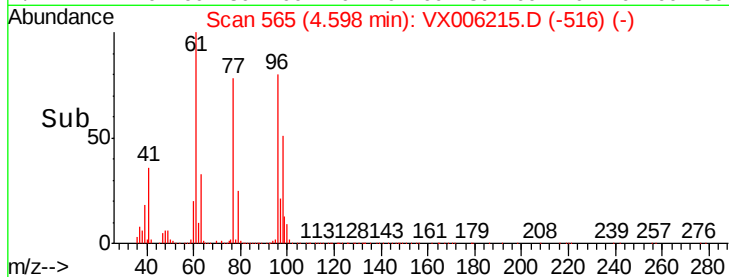
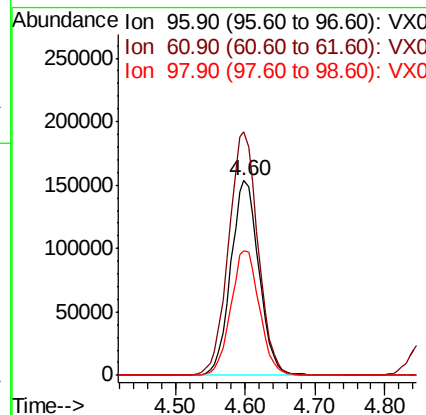
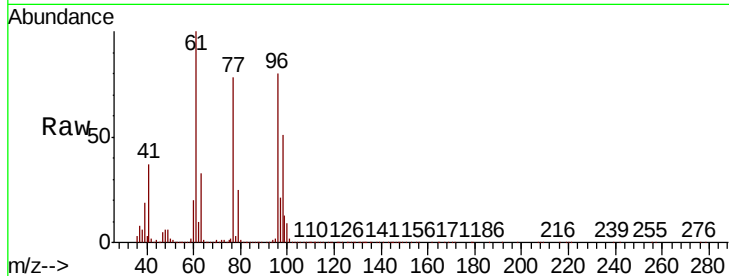
cis-1,2-Dichloroethene  
Concen: 48.642 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 427088 |       |       |
| 61      | 130.8 | 0.0    | 265.0 |       |
| 98      | 65.2  | 0.0    | 130.2 |       |

Manual Integrations  
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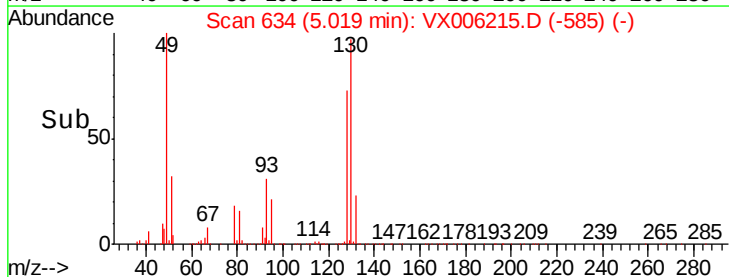
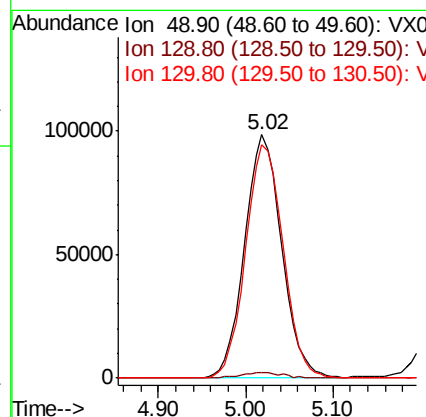
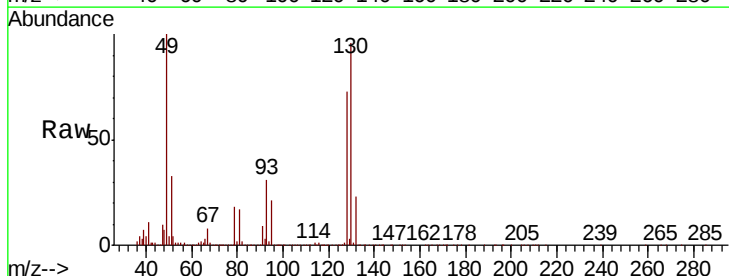
MMDadoda  
11/30/2018 10:13:25 AM

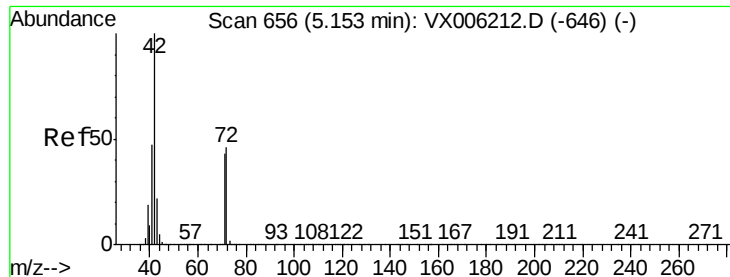


#28

Bromochloromethane  
Concen: 50.999 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 290183 |       |       |
| 129     | 2.6   | 0.0    | 5.0   |       |
| 130     | 97.6  | 78.3   | 117.5 |       |





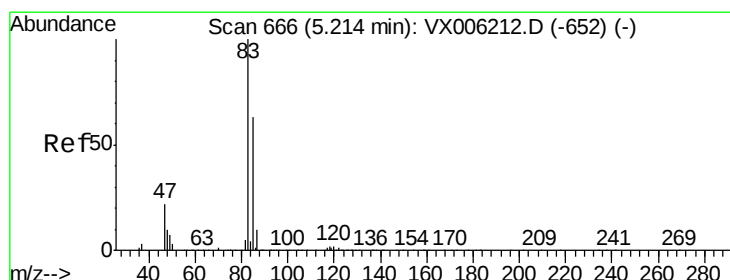
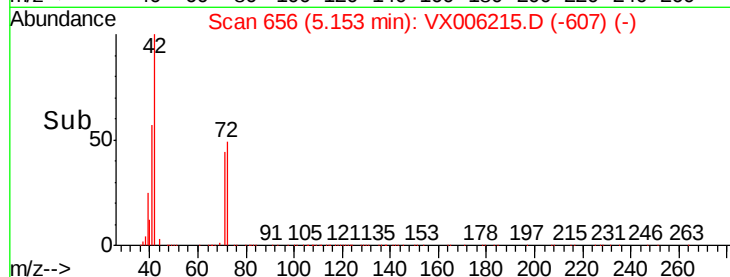
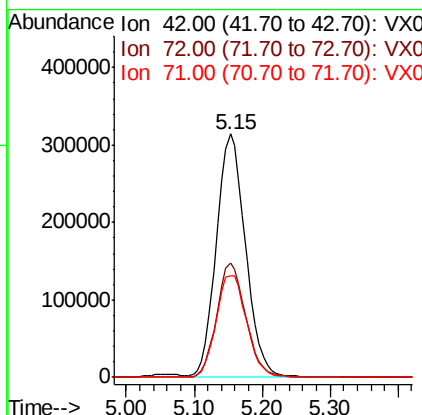
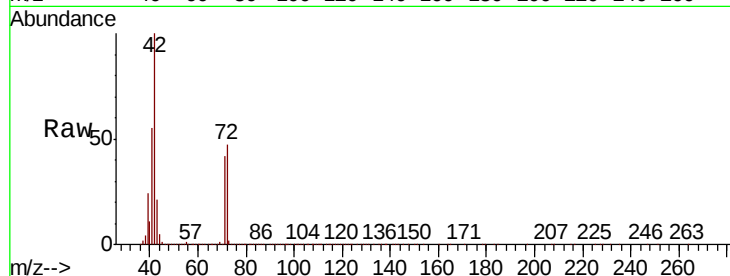
#29  
Tetrahydrofuran  
Concen: 239.874 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.8  | 37.8  | 56.8  |
| 71      | 43.9  | 35.2  | 52.8  |

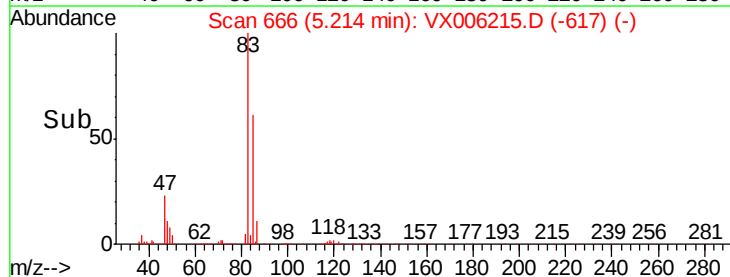
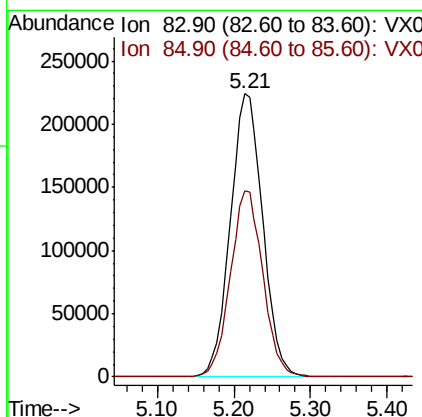
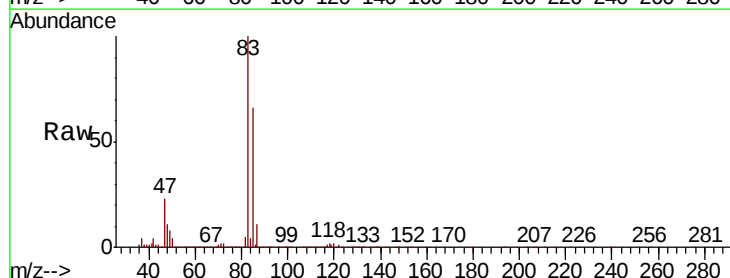
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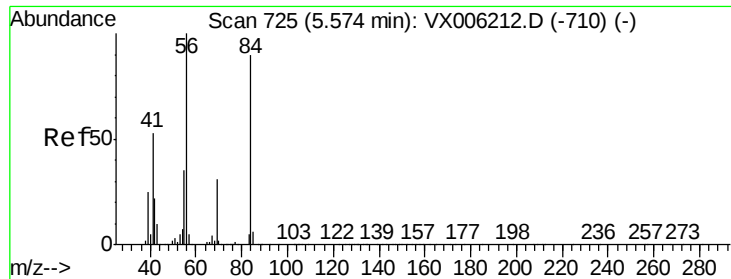
MMDadoda  
11/30/2018 10:13:25 AM



#30  
Chloroform  
Concen: 47.855 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 50.3  | 75.5  |





#31

Cyclohexane

Concen: 48.086 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 56 Resp: 578893  
Ion Ratio Lower Upper

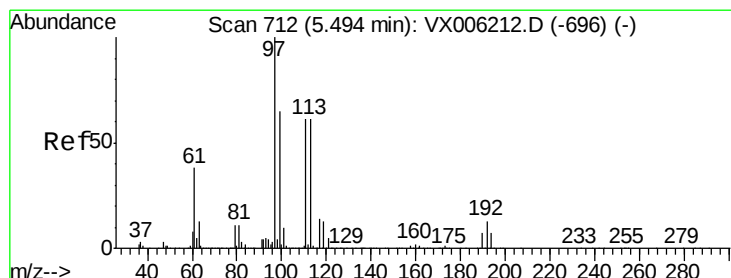
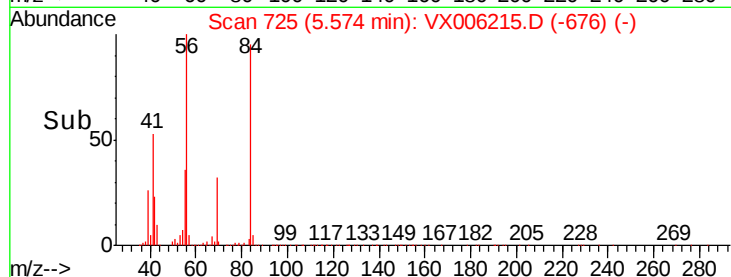
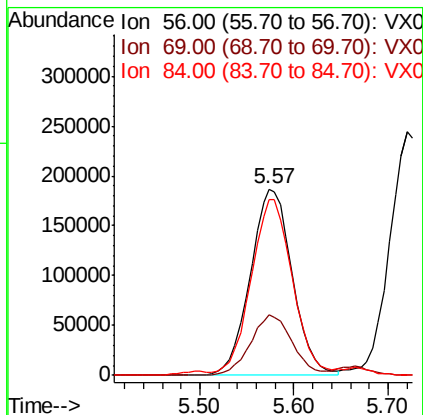
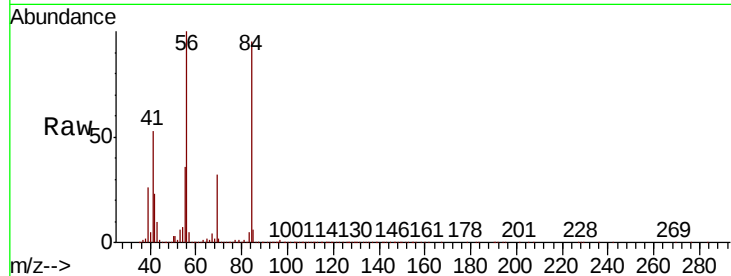
56 100

69 32.1 24.5 36.7

84 93.2 71.8 107.6

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#32

1,1,1-Trichloroethane

Concen: 48.066 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX006215.D

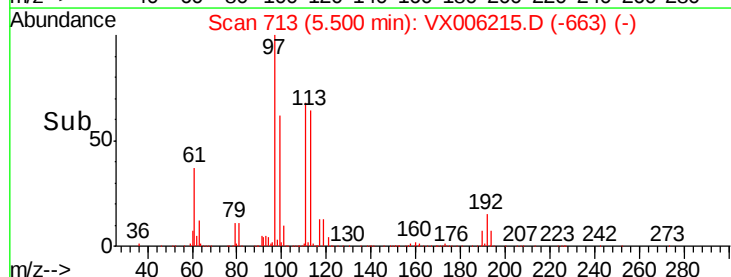
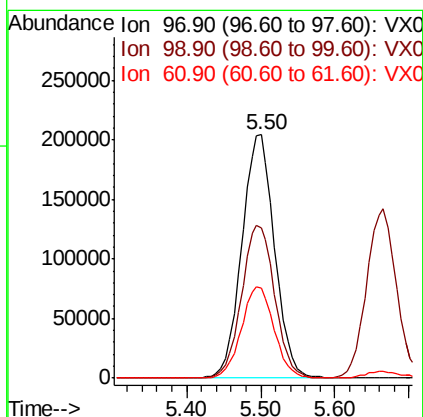
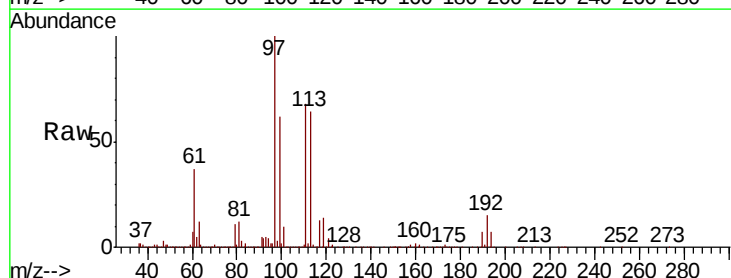
Acq: 29 Nov 2018 16:45

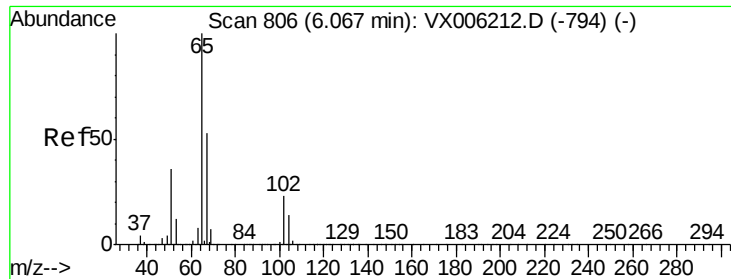
Tgt Ion: 97 Resp: 626059  
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 37.8 30.6 46.0





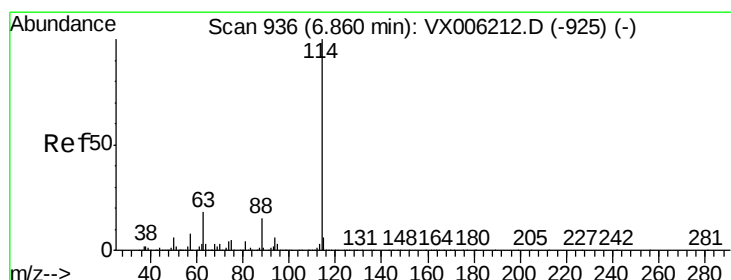
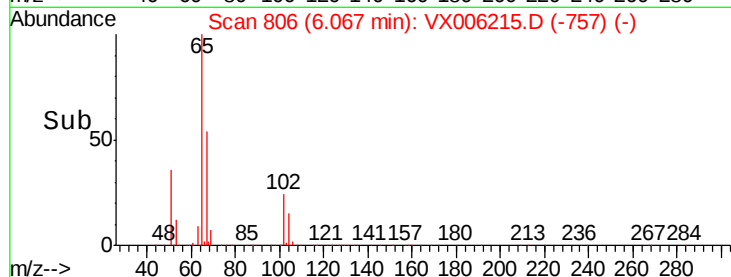
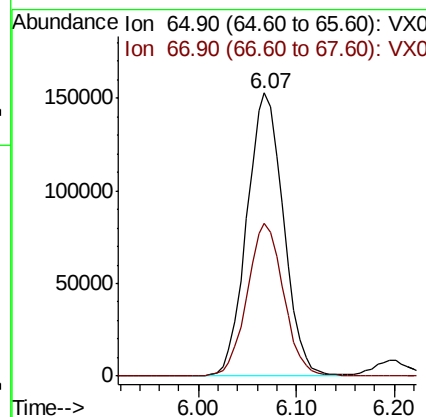
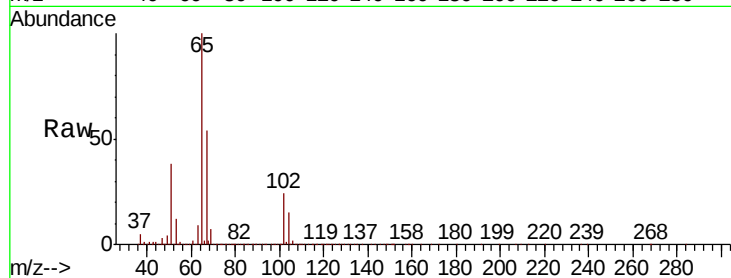
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.694 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.3  | 0.0   | 107.2 |

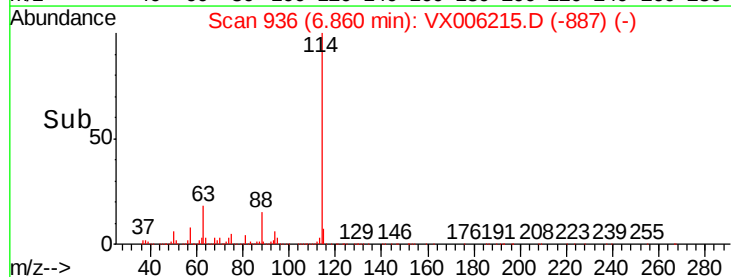
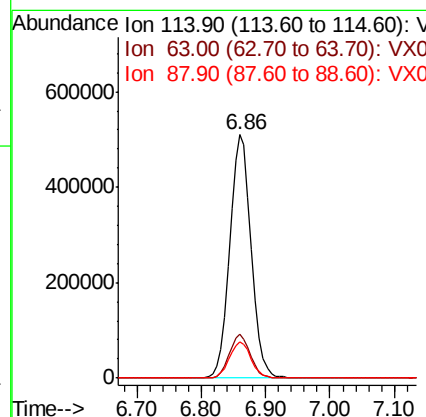
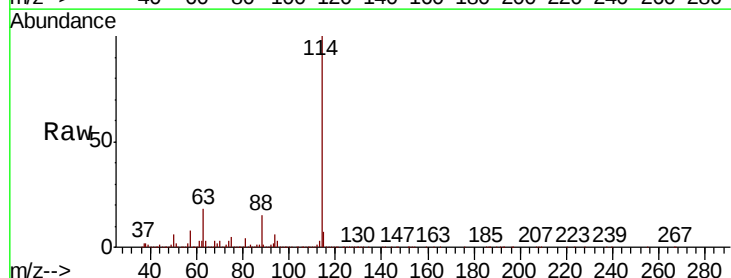
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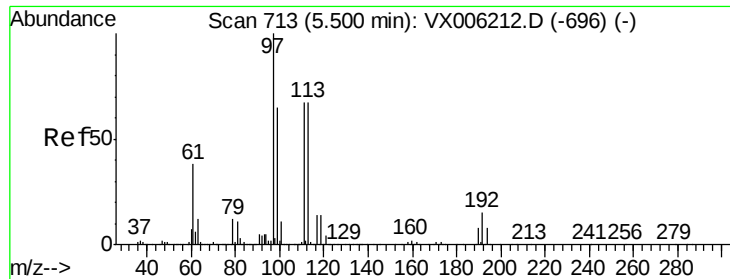
MMDadoda  
 11/30/2018 10:13:25 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.9  | 0.0   | 36.6  |
| 88      | 14.8  | 0.0   | 29.0  |





#35

Dibromofluoromethane

Concen: 49.629 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

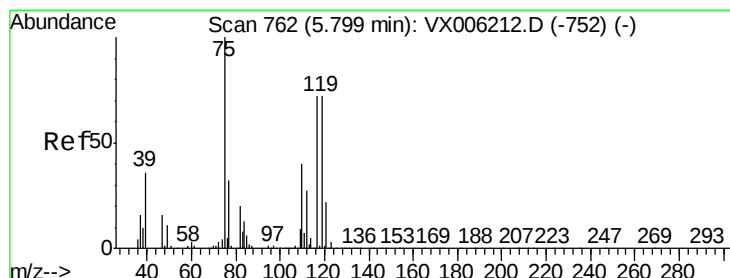
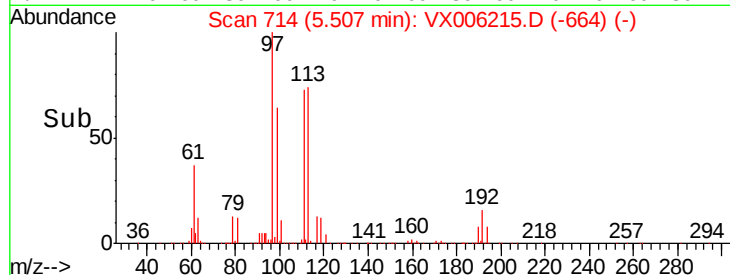
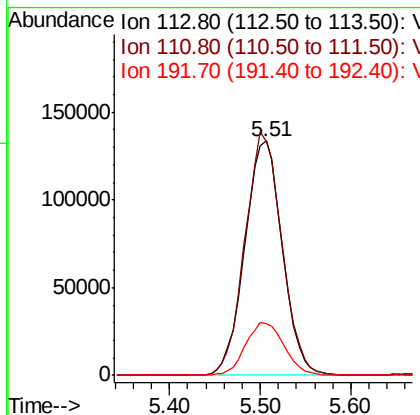
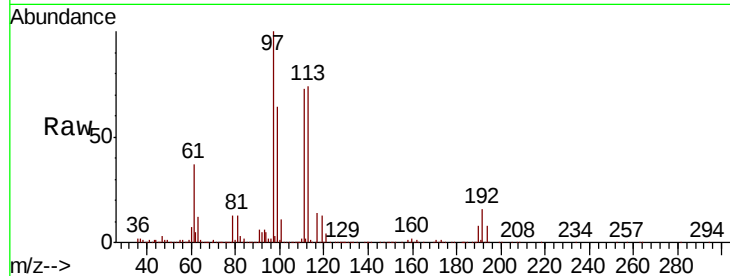
ClientSampleId :

ICVVX112918

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 382706 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.7 | 81.1  | 121.7  |
| 192       | 23.2  | 18.2  | 27.2   |

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#36

1,1-Dichloropropene

Concen: 49.044 ug/l

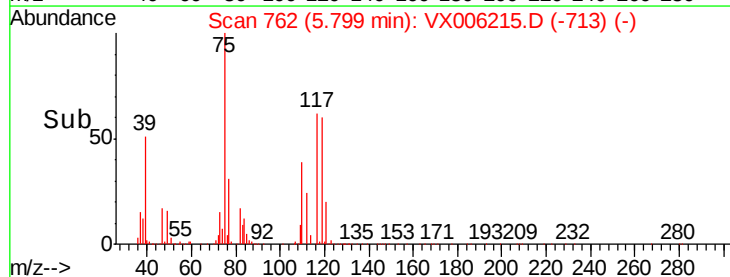
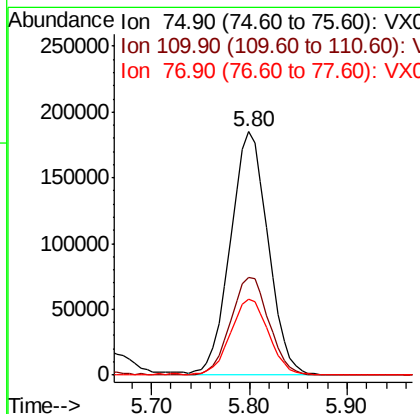
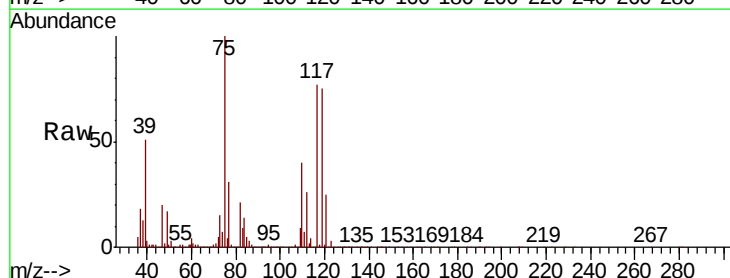
RT: 5.80 min Scan# 762

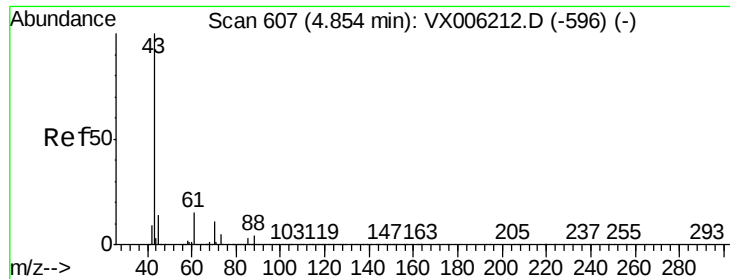
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 491892 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 41.1  | 20.4  | 61.3   |
| 77        | 31.4  | 24.9  | 37.3   |





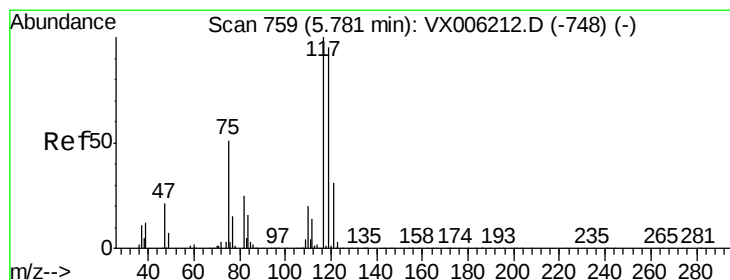
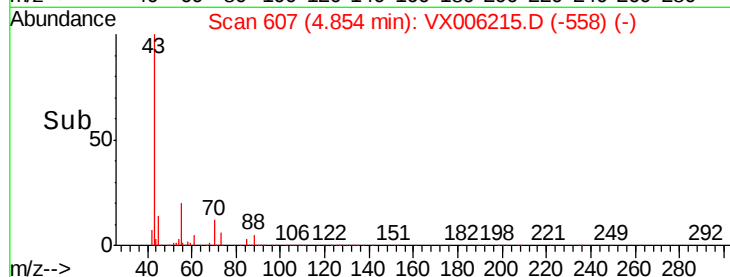
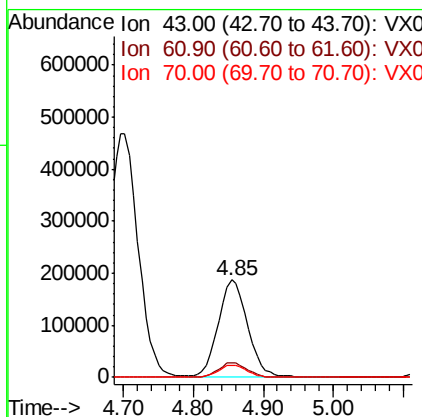
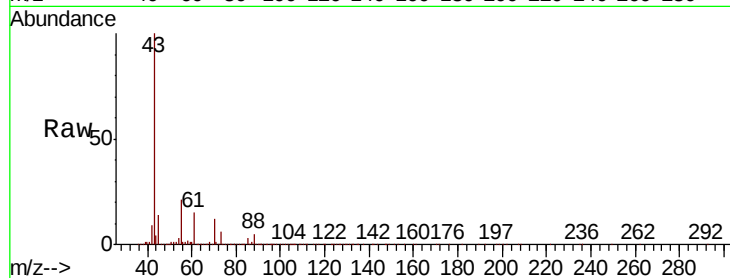
#37  
Ethyl Acetate  
Concen: 48.274 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.6  | 11.5  | 17.3  |
| 70      | 12.0  | 9.0   | 13.6  |

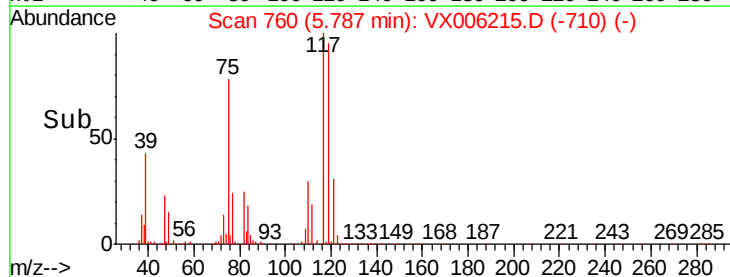
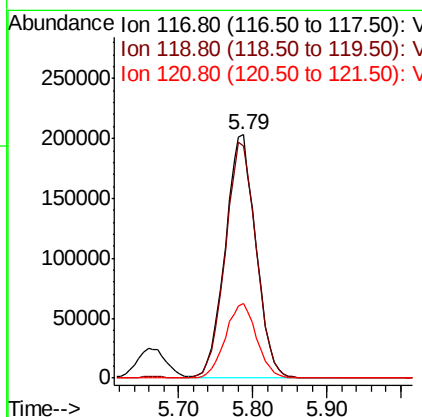
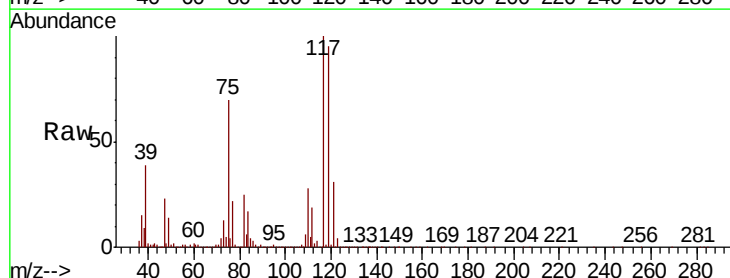
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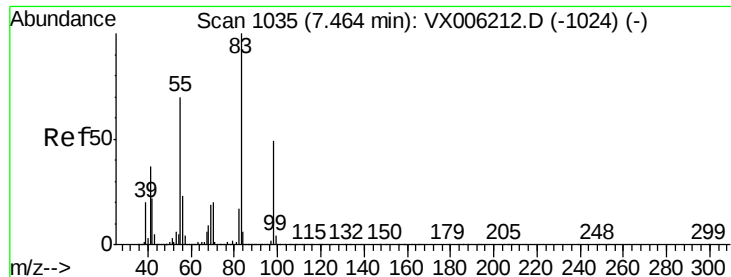
MMDadoda  
11/30/2018 10:13:25 AM



#38  
Carbon Tetrachloride  
Concen: 49.445 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.2  | 75.8  | 113.8 |
| 121     | 30.7  | 24.6  | 37.0  |





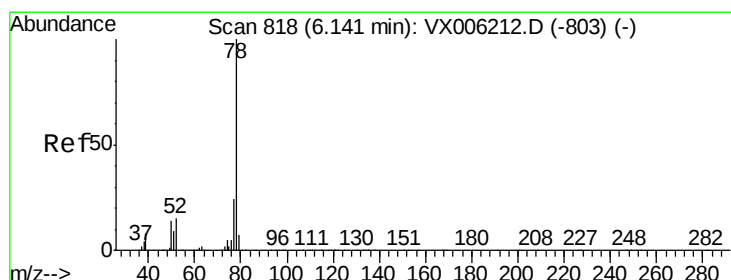
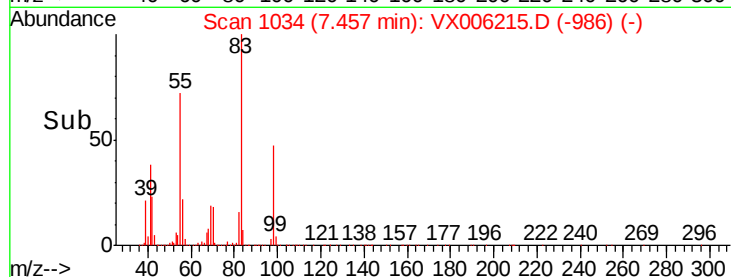
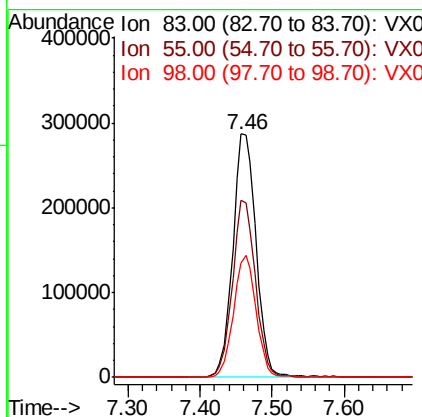
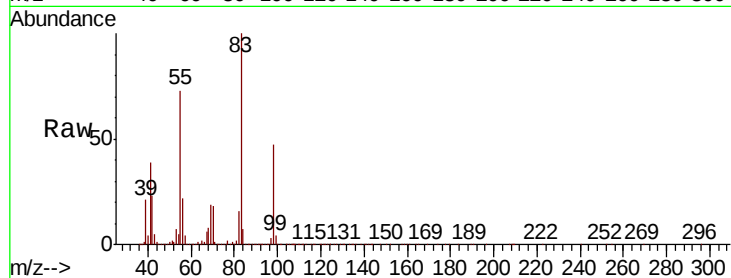
#39  
Methylcyclohexane  
Concen: 49.389 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.4  | 56.4  | 84.6  |
| 98      | 47.1  | 39.0  | 58.6  |

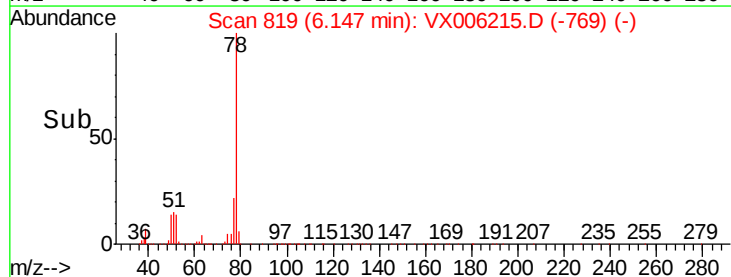
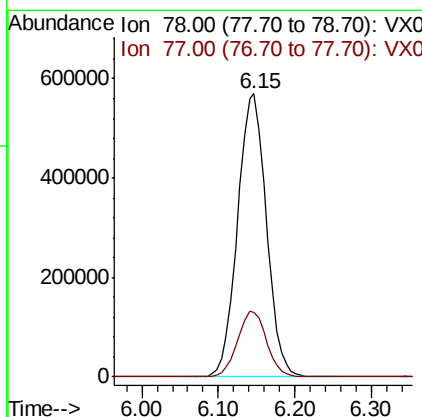
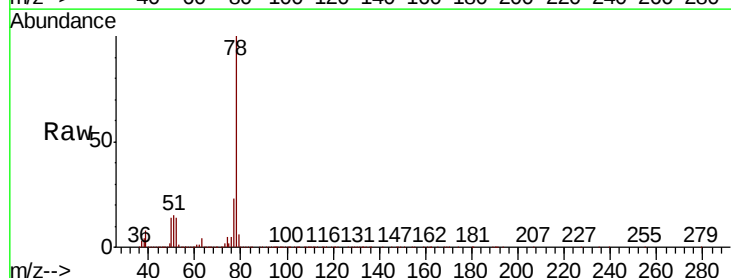
Manual Integrations  
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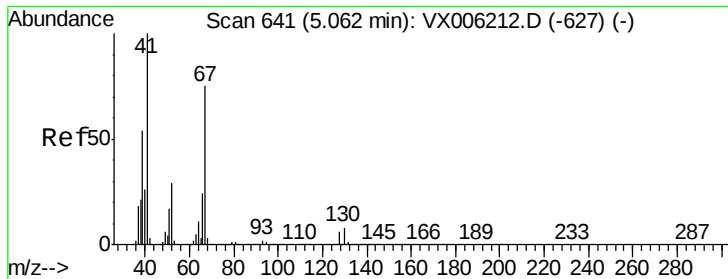
MMDadoda  
11/30/2018 10:13:25 AM



#40  
Benzene  
Concen: 49.503 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.8  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 47.695 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

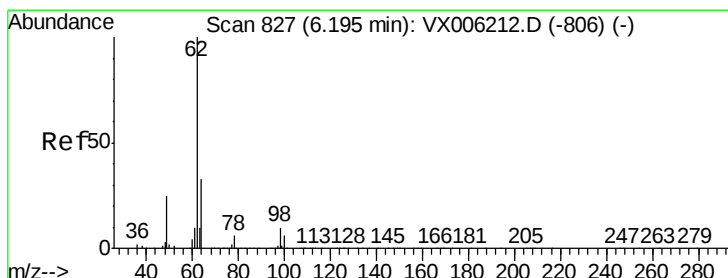
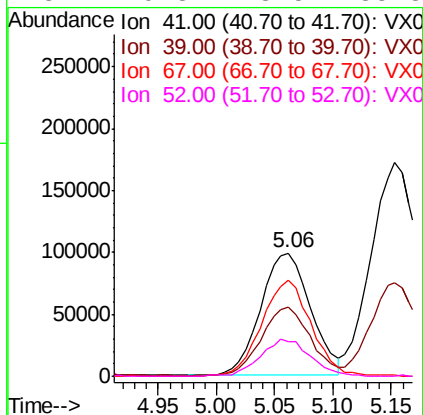
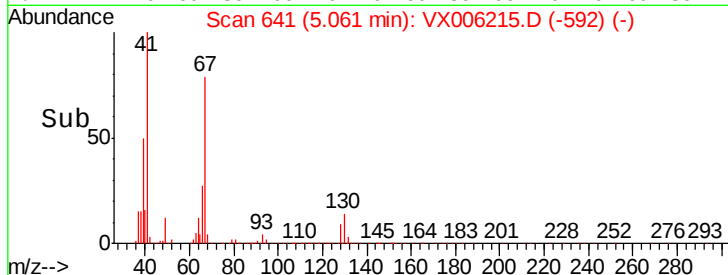
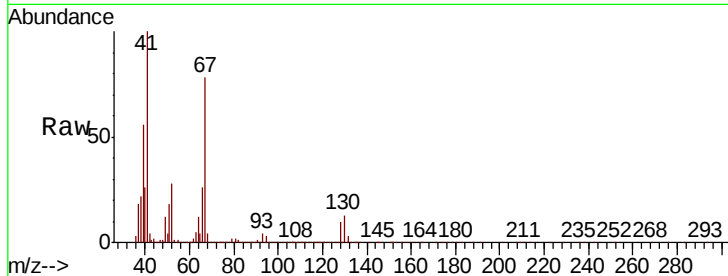
ClientSampleId :

ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 54.7  | 44.0  | 66.0  |
| 67      | 76.5  | 61.4  | 92.0  |
| 52      | 29.8  | 23.5  | 35.3  |

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#42

1,2-Dichloroethane

Concen: 49.559 ug/l

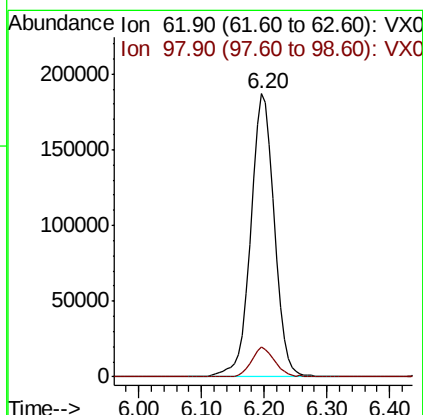
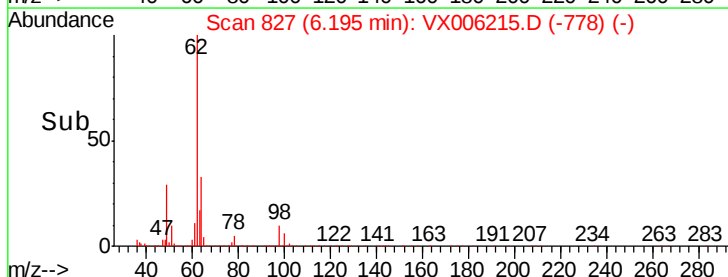
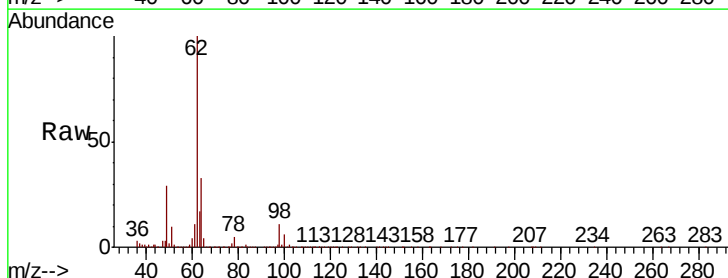
RT: 6.20 min Scan# 827

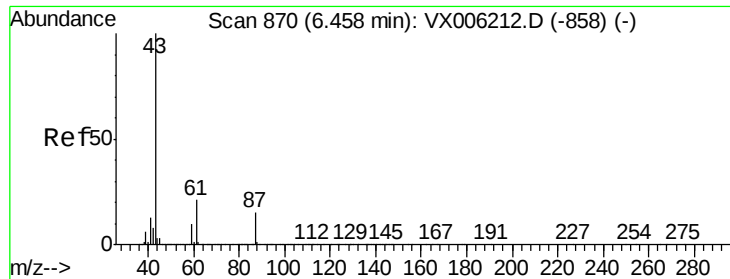
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.1  | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 48.404 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

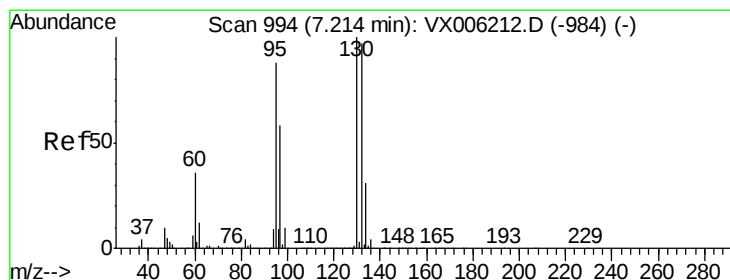
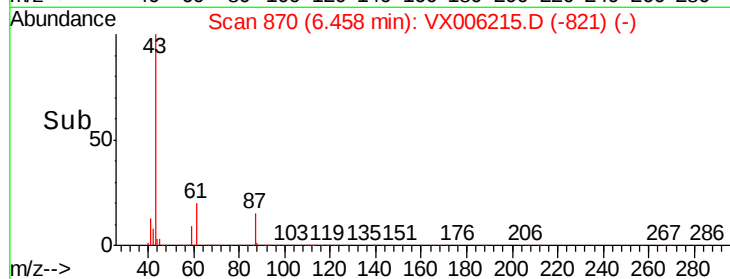
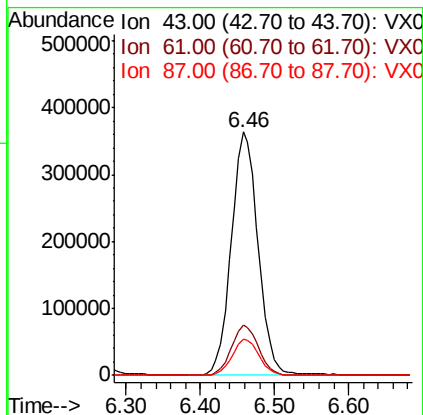
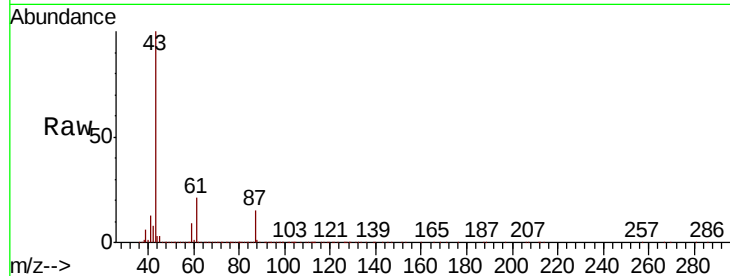
ClientSampleId :

ICVVX112918

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 906458 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 21.0  | 16.8  | 25.2   |
| 87        | 15.0  | 11.9  | 17.9   |

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#44

Trichloroethene

Concen: 49.118 ug/l

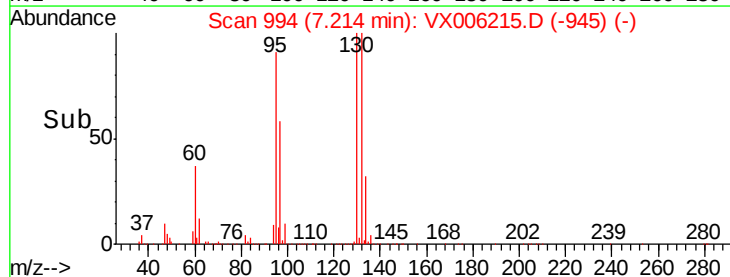
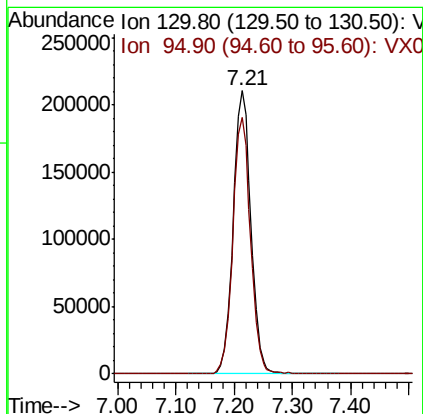
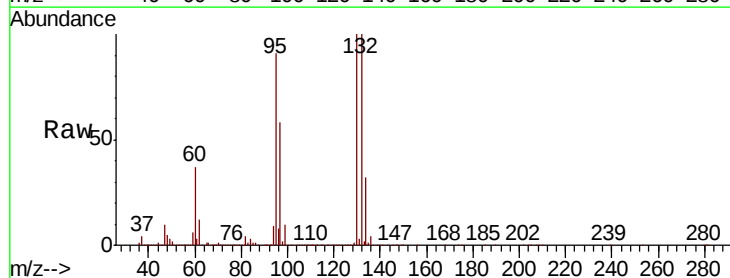
RT: 7.21 min Scan# 994

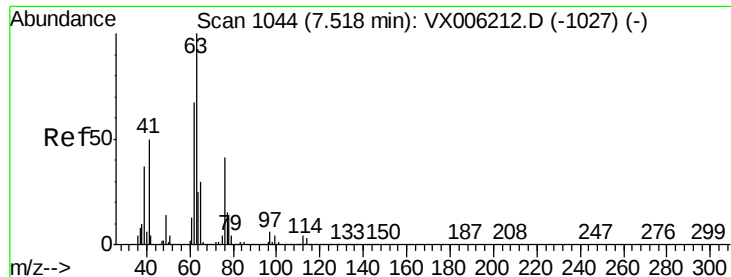
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 130   | Resp: | 446992 |
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 90.5  | 0.0   | 175.8  |





#45

1,2-Dichloropropane

Concen: 48.463 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 63 Resp: 369998

Ion Ratio Lower Upper

63 100

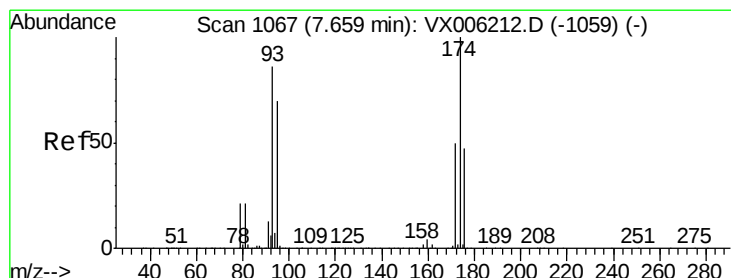
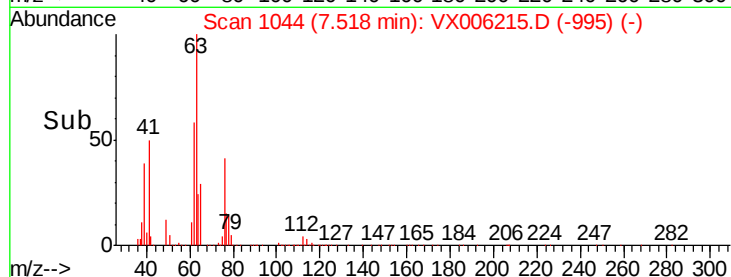
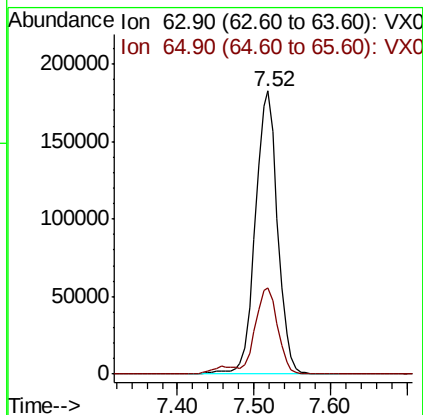
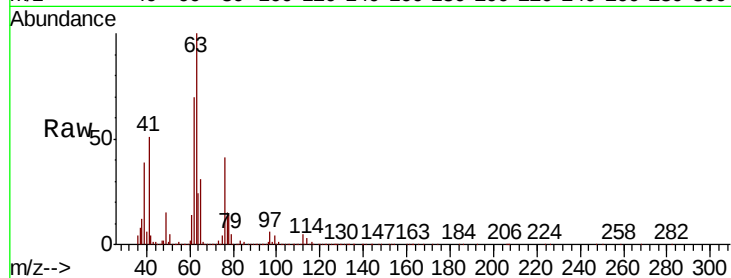
65 30.5 24.3 36.5

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#46

Dibromomethane

Concen: 49.505 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

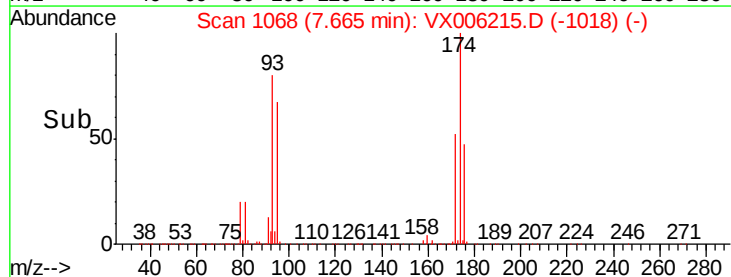
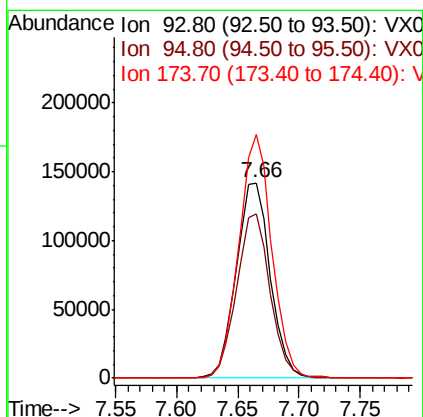
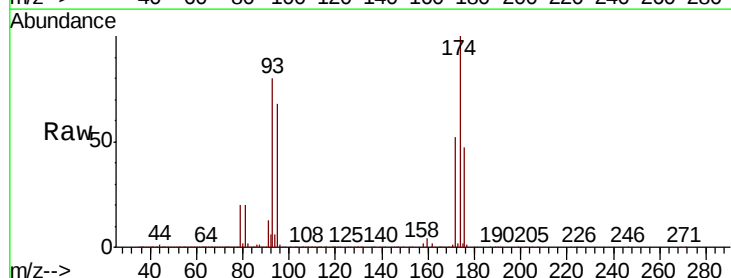
Tgt Ion: 93 Resp: 272962

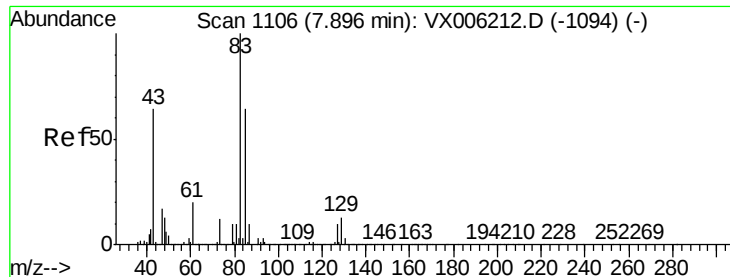
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 121.5 97.2 145.8





#47

Bromodichloromethane

Concen: 49.572 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

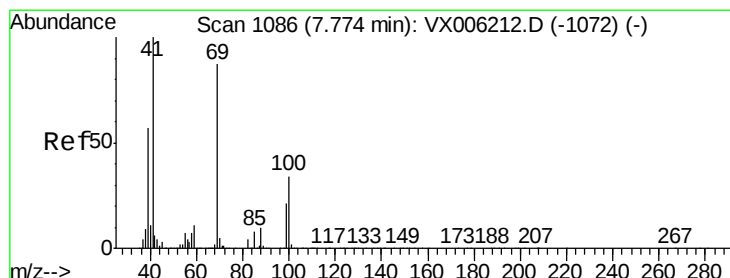
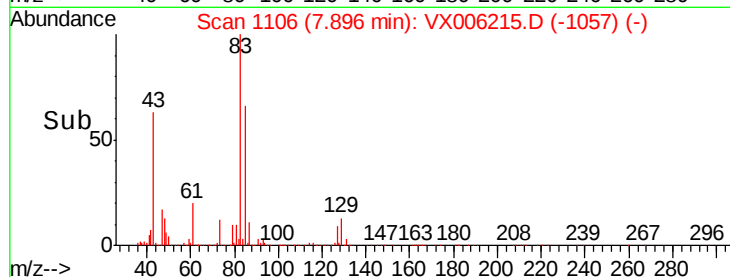
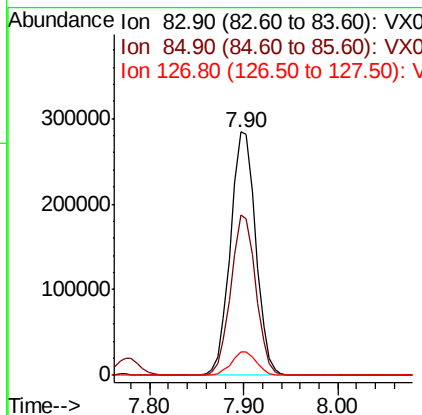
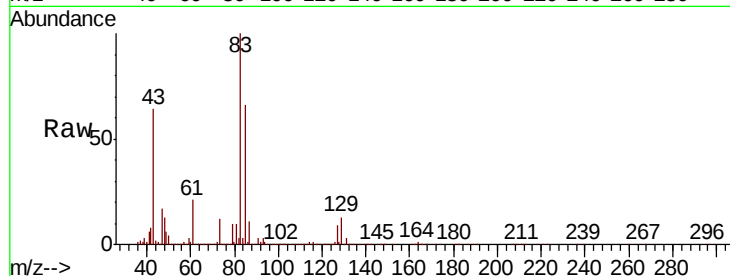
ClientSampleId :

ICVVX112918

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 529317 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.8  | 51.4  | 77.0   |
| 127       | 9.4   | 7.9   | 11.9   |

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#48

Methyl methacrylate

Concen: 48.974 ug/l

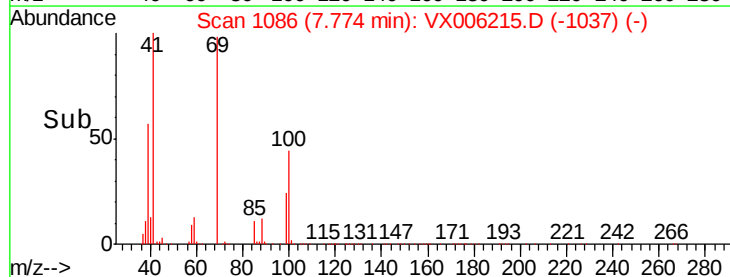
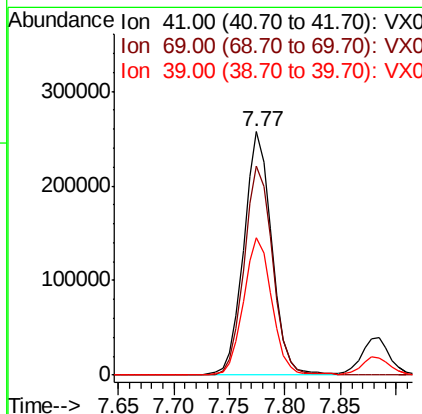
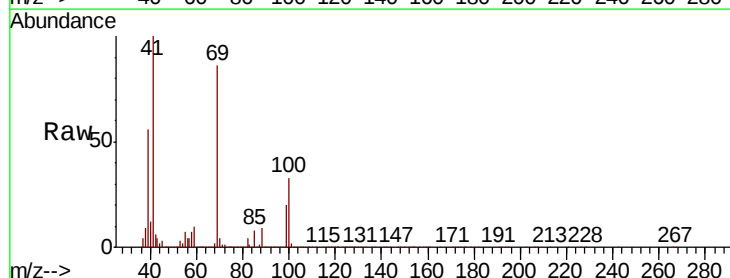
RT: 7.77 min Scan# 1086

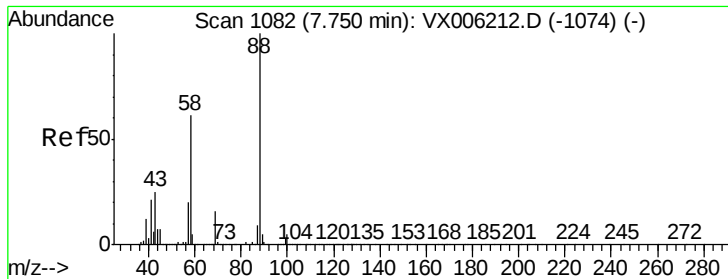
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 446172 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 87.9  | 70.3  | 105.5  |
| 39        | 57.3  | 45.3  | 67.9   |





#49

1,4-Dioxane

Concen: 966.241 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

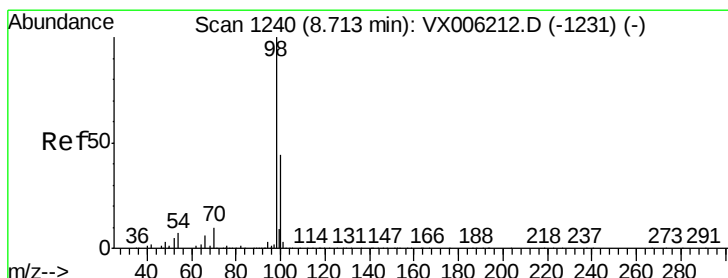
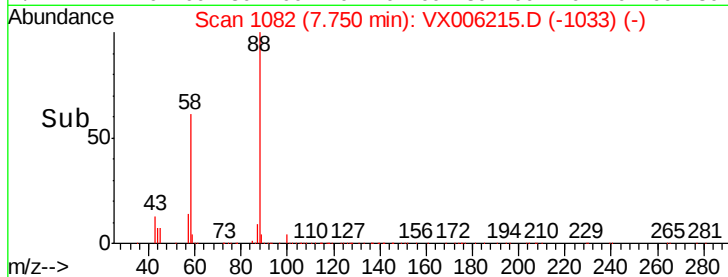
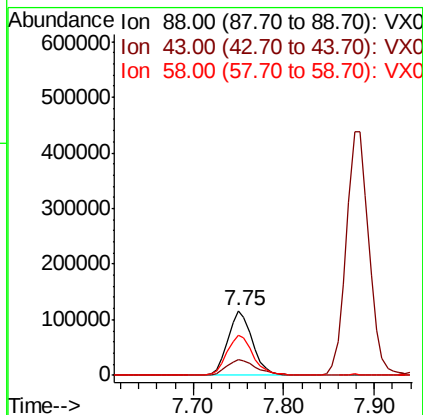
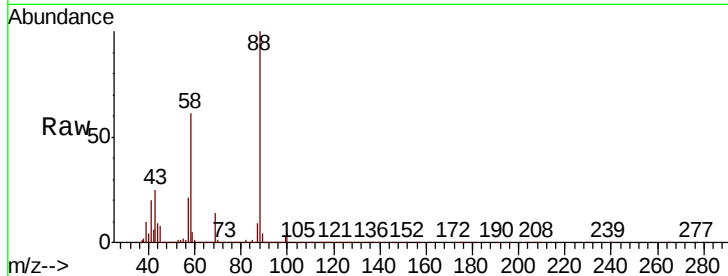
ClientSampleId :

ICVVX112918

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 216958 |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 43       | 28.2  | 23.2  | 34.8   |
| 58       | 65.9  | 51.4  | 77.0   |

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#50

Toluene-d8

Concen: 49.184 ug/l

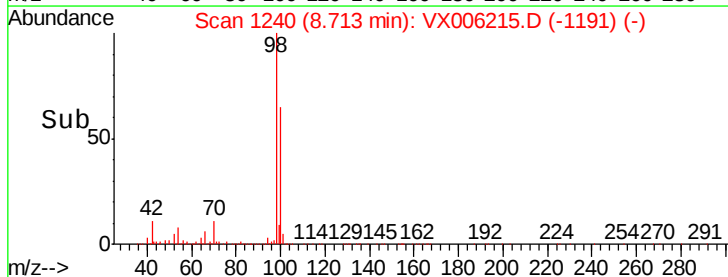
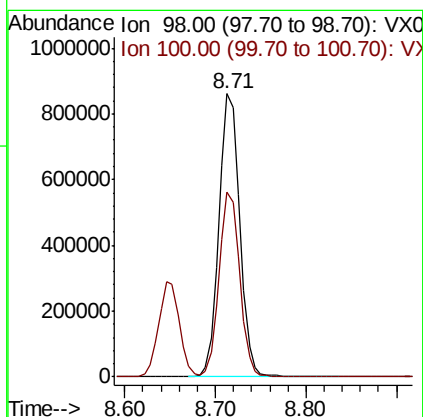
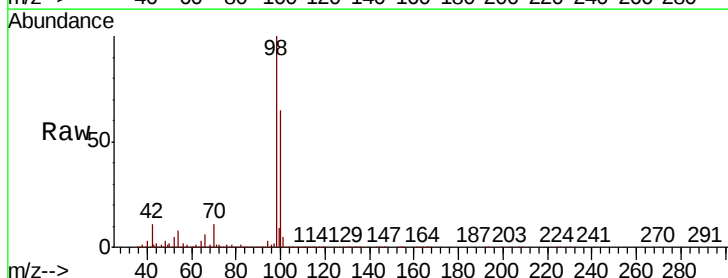
RT: 8.71 min Scan# 1240

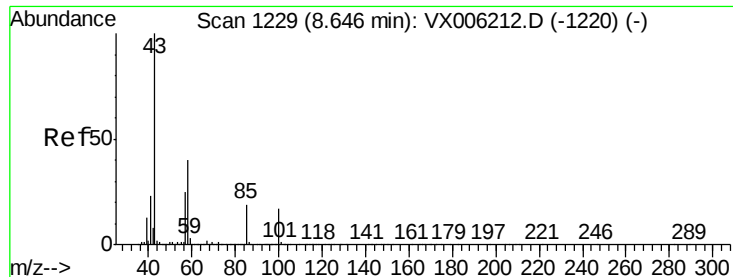
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 98    | Resp: | 1379578 |
| Ion      | Ratio | Lower | Upper   |
| 98       | 100   |       |         |
| 100      | 65.2  | 52.2  | 78.2    |





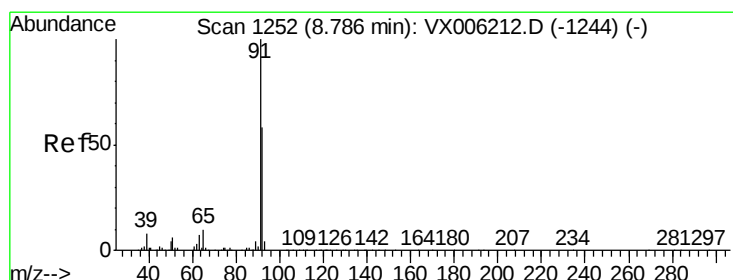
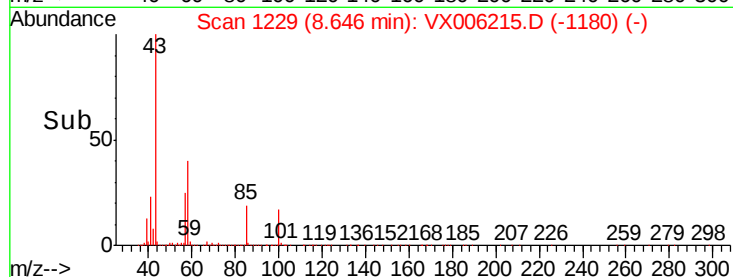
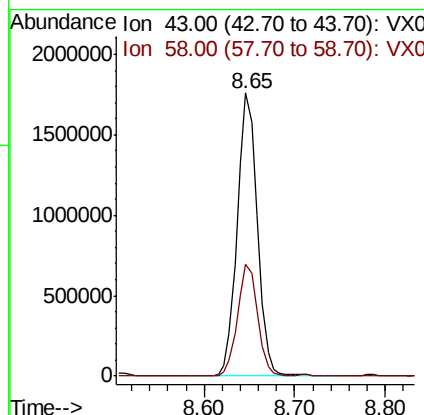
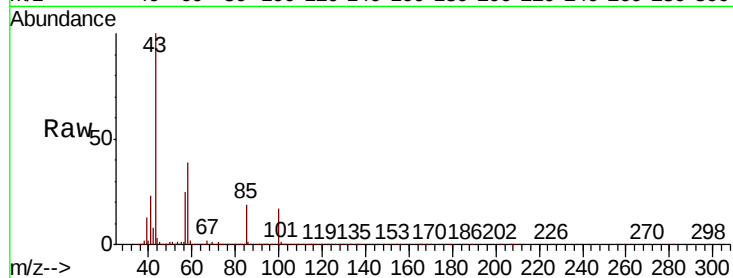
#51  
4-Methyl-2-Pentanone  
Concen: 248.770 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Tgt Ion: 43 Resp: 2712016  
Ion Ratio Lower Upper  
43 100  
58 39.4 31.3 46.9

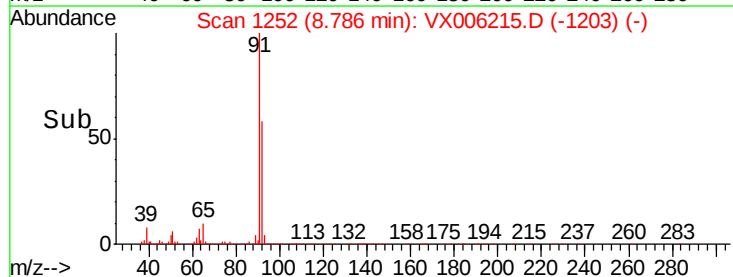
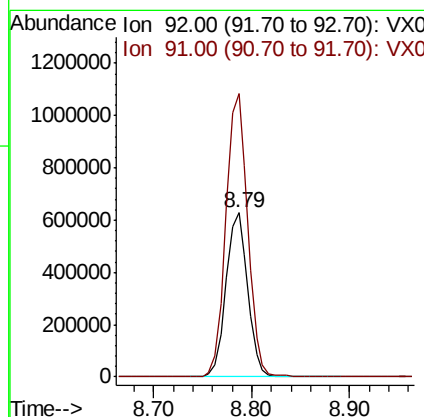
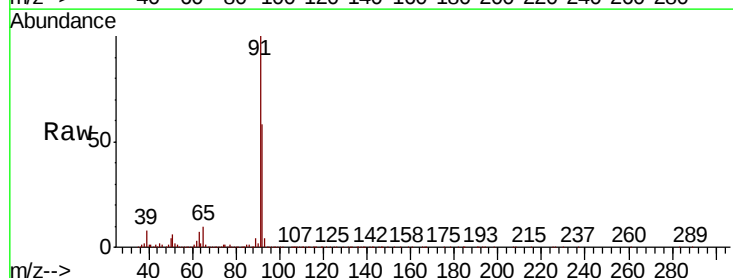
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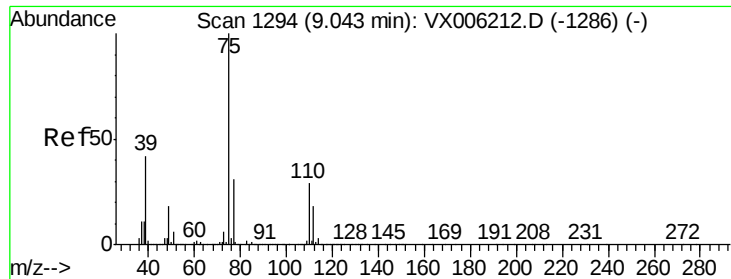
MMDadoda  
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#52  
Toluene  
Concen: 48.916 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Tgt Ion: 92 Resp: 966734  
Ion Ratio Lower Upper  
92 100  
91 173.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 49.796 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 75 Resp: 621840

Ion Ratio Lower Upper

75 100

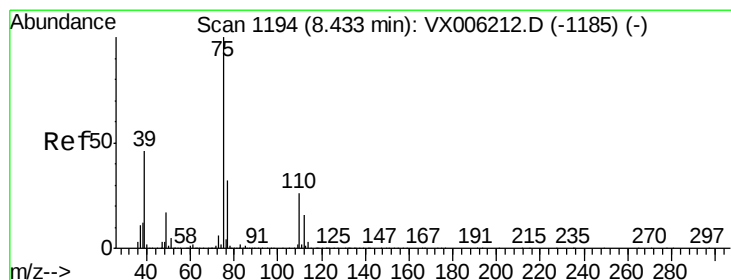
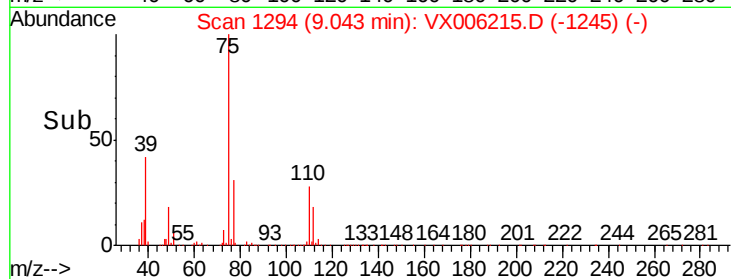
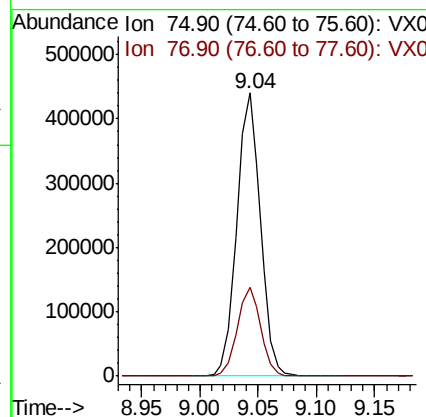
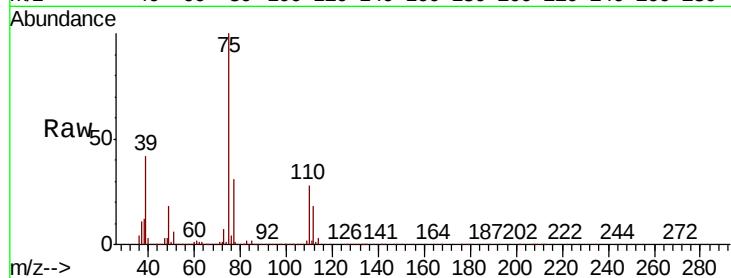
77 31.3 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 49.117 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

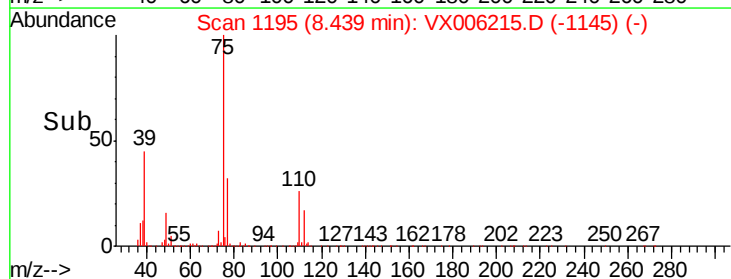
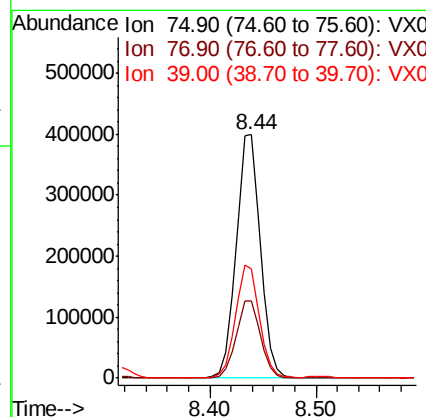
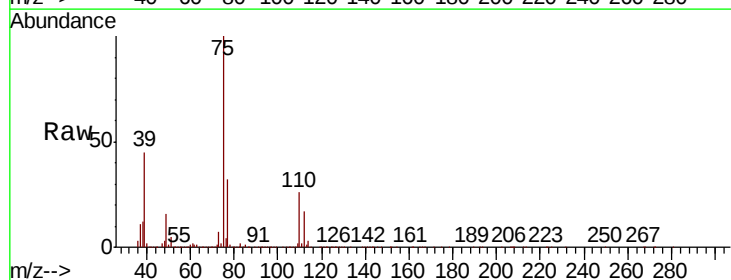
Tgt Ion: 75 Resp: 636899

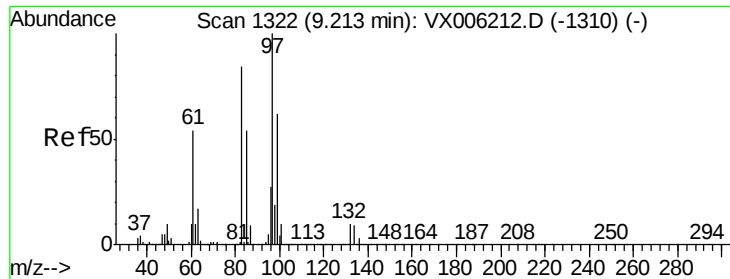
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 44.6 36.5 54.7





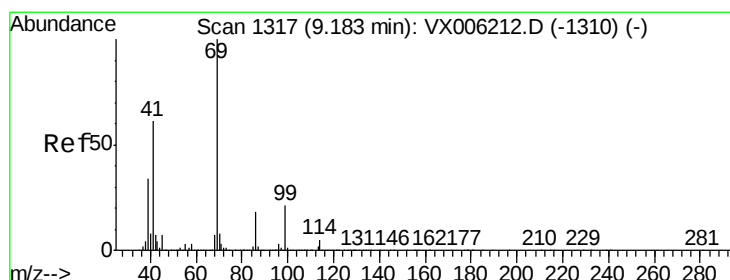
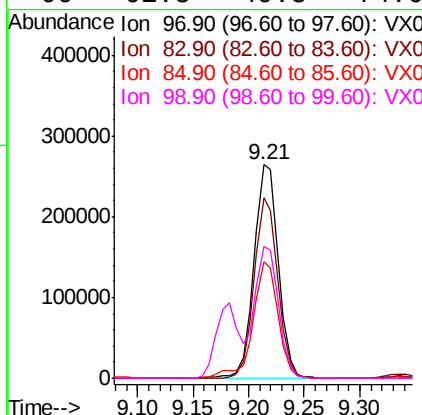
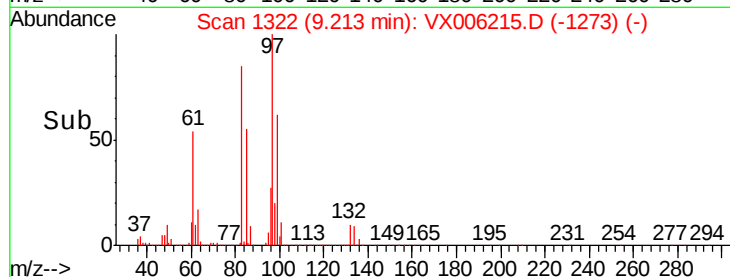
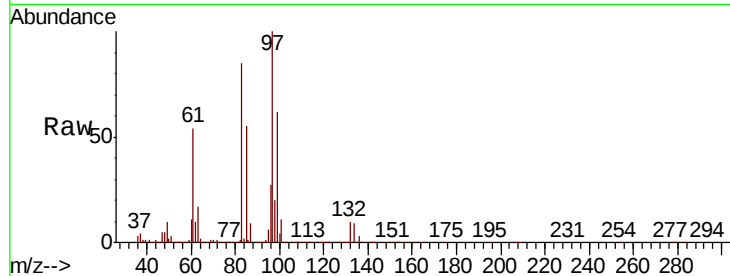
#55  
1,1,2-Trichloroethane  
Concen: 50.054 ug/l  
RT: 9.21 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 401877 |       |       |
| 83      | 84.8  | 67.1   | 100.7 |       |
| 85      | 54.7  | 43.2   | 64.8  |       |
| 99      | 61.8  | 49.8   | 74.6  |       |

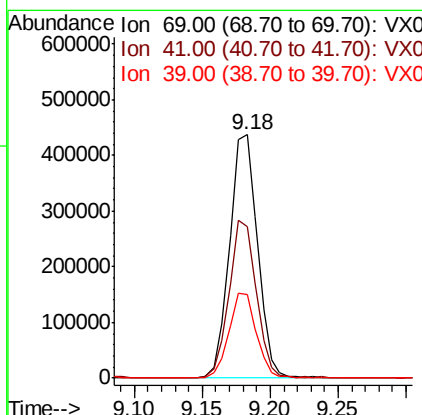
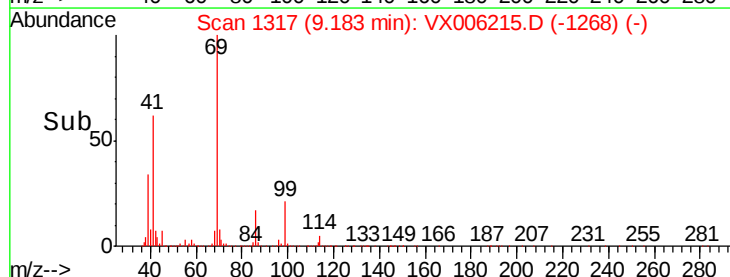
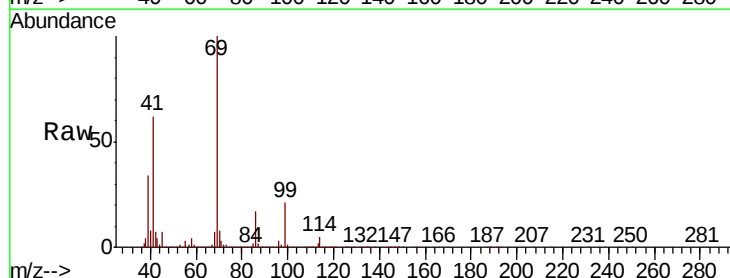
Manual Integrations  
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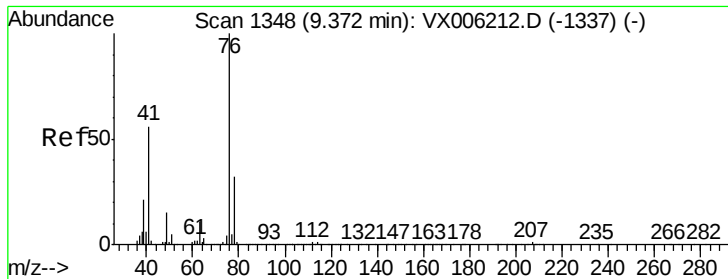
MMDadoda  
11/30/2018 10:13:25 AM



#56  
Ethyl methacrylate  
Concen: 49.615 ug/l  
RT: 9.18 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 622752 |       |       |
| 41      | 63.4  | 50.6   | 76.0  |       |
| 39      | 34.2  | 27.6   | 41.4  |       |





#57

1,3-Dichloropropane

Concen: 49.738 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 76 Resp: 631478

Ion Ratio Lower Upper

76 100

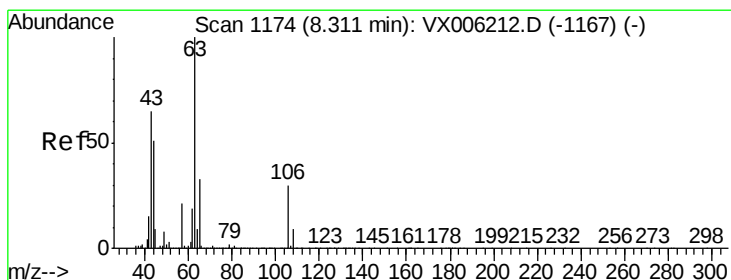
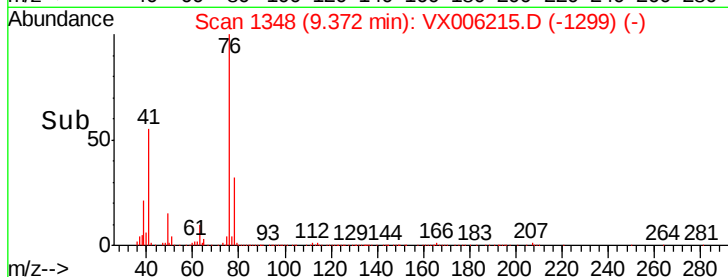
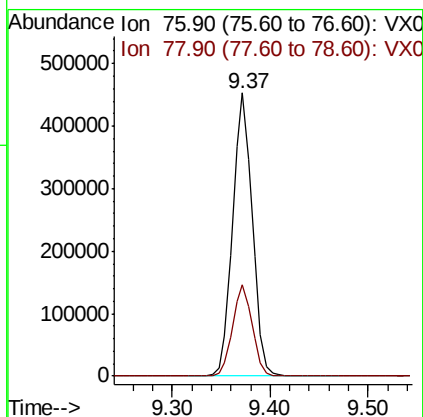
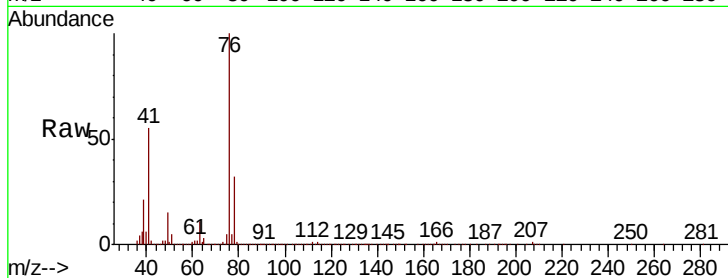
78 32.3 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

11/30/2018 10:13:25 AM



#58

2-Chloroethyl Vinyl ether

Concen: 242.154 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006215.D

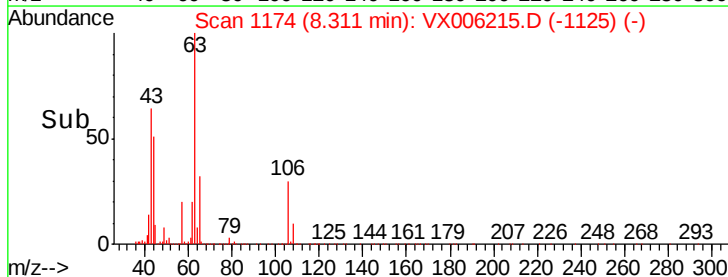
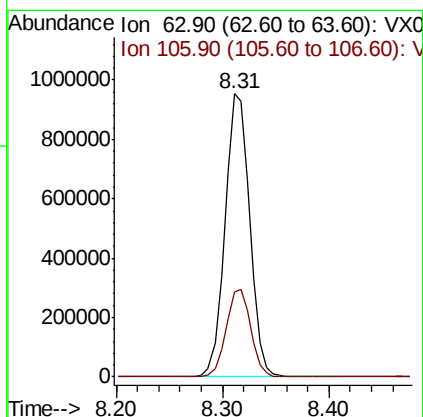
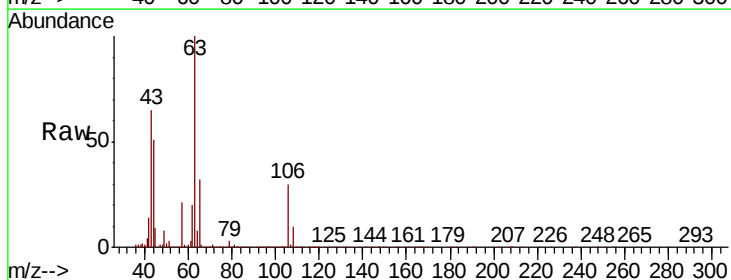
Acq: 29 Nov 2018 16:45

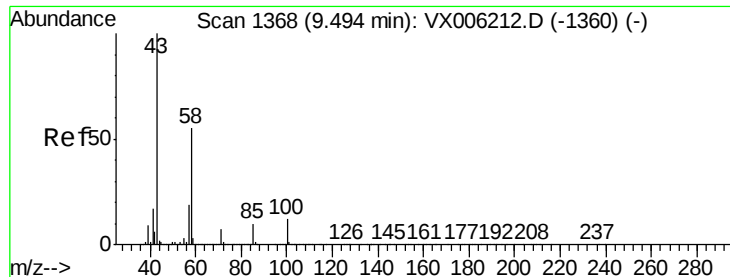
Tgt Ion: 63 Resp: 1542365

Ion Ratio Lower Upper

63 100

106 30.9 24.9 37.3





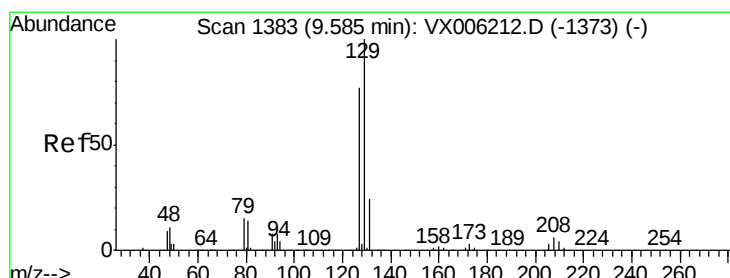
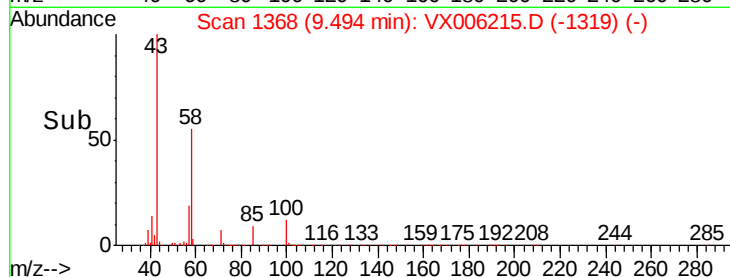
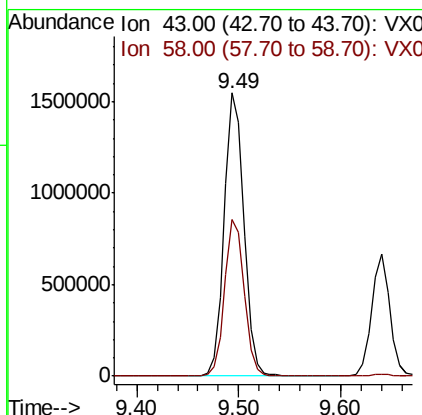
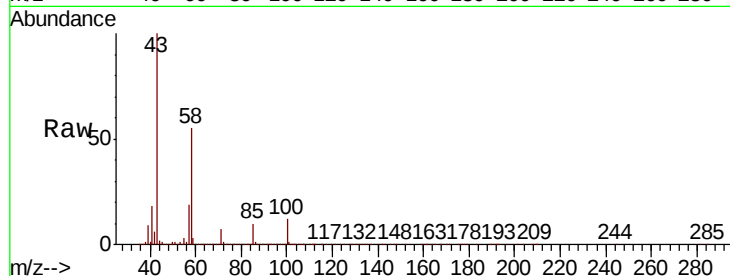
#59  
2-Hexanone  
Concen: 248.847 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Tgt Ion: 43 Resp: 2072624  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.7 83.1

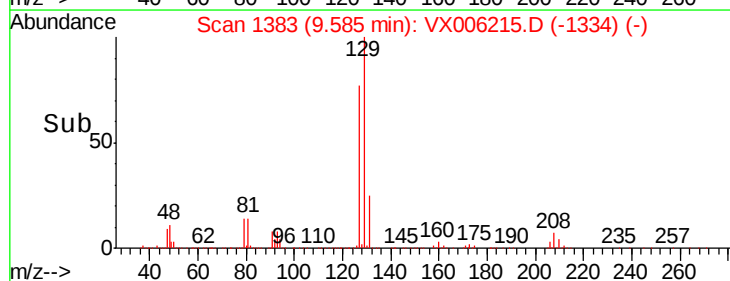
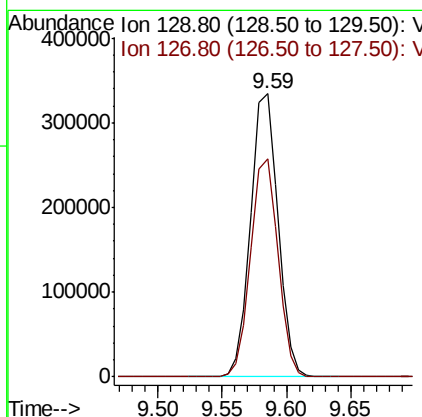
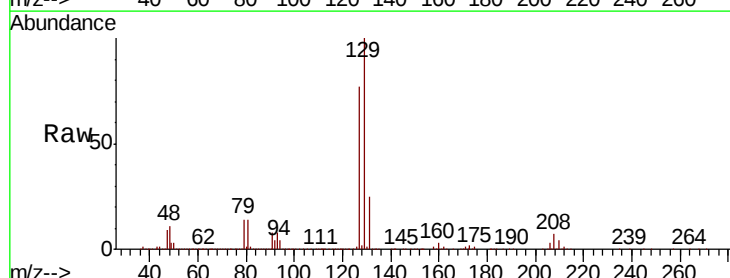
Manual Integrations  
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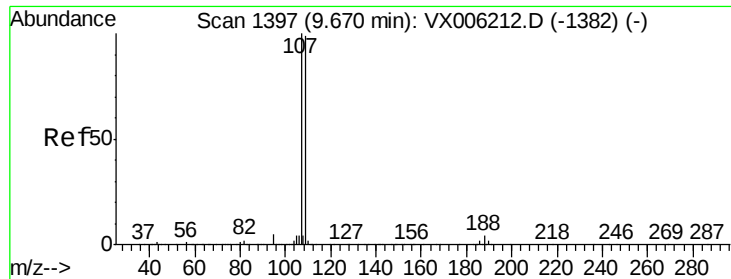
MMDadoda  
11/30/2018 10:13:25 AM



#60  
Dibromochloromethane  
Concen: 49.508 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Tgt Ion: 129 Resp: 490140  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.769 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 107 Resp: 437824

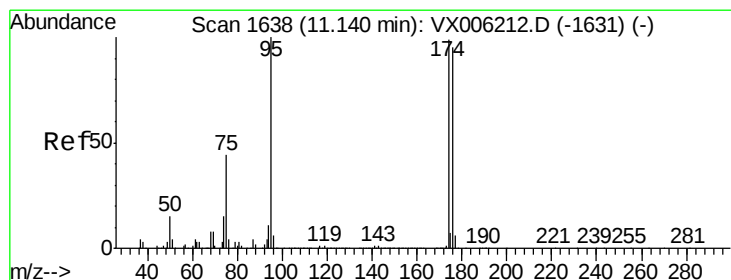
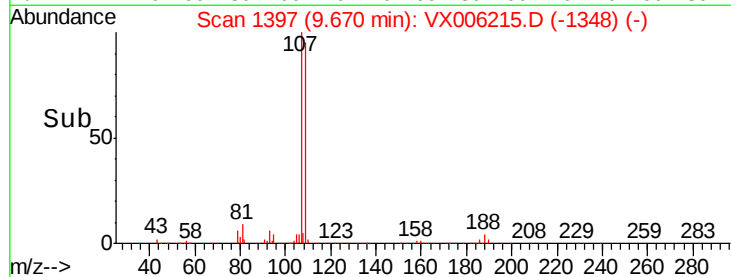
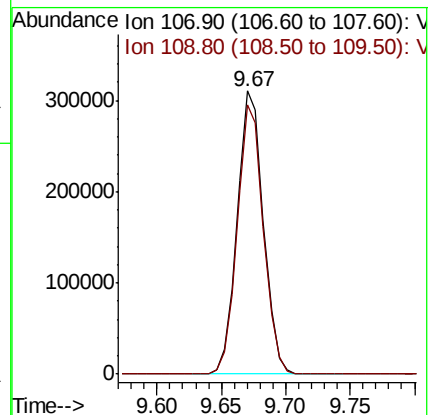
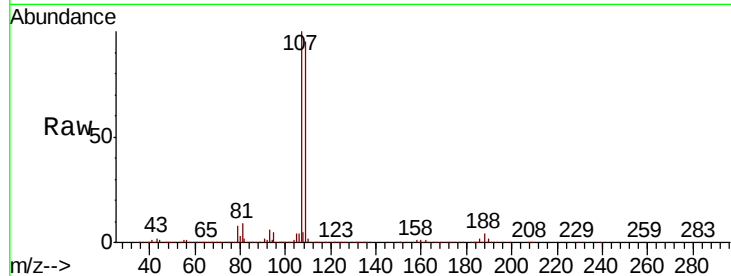
Ion Ratio Lower Upper

107 100

109 95.8 76.3 114.5

Manual Integrations  
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MMDadoda  
11/30/2018 10:13:25 AM



#62

4-Bromofluorobenzene

Concen: 50.649 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

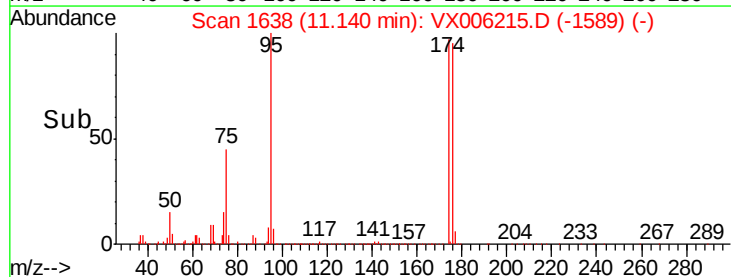
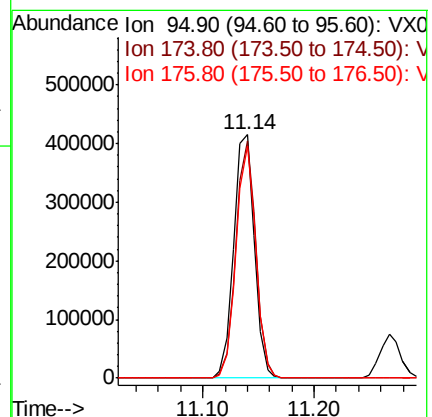
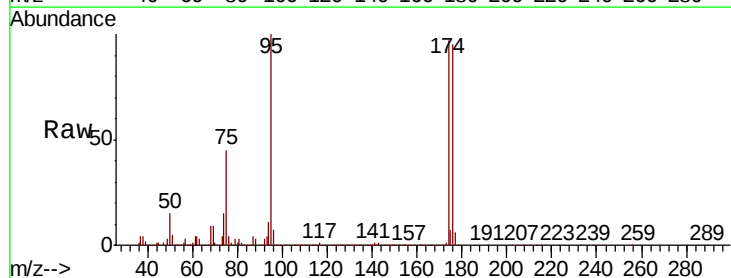
Tgt Ion: 95 Resp: 535354

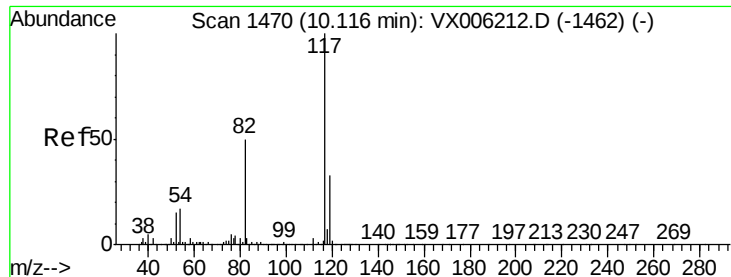
Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.0

176 91.0 0.0 181.8





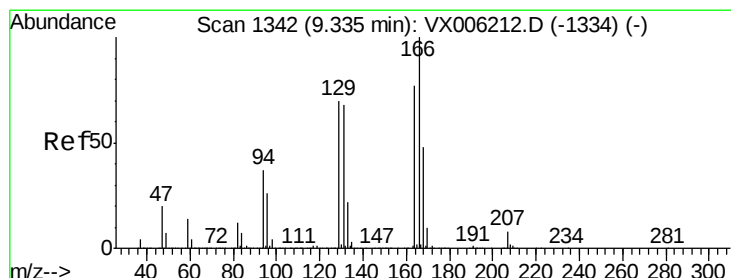
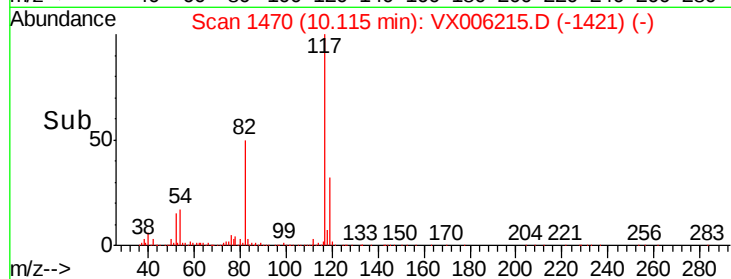
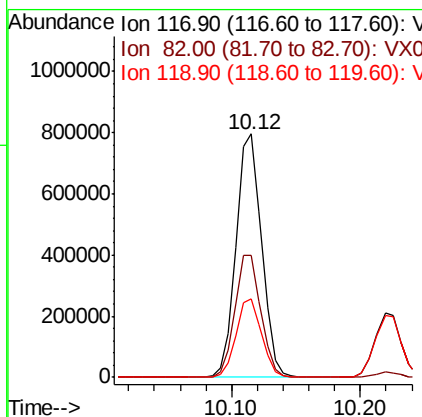
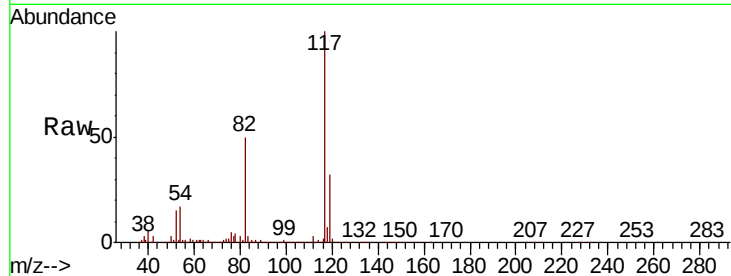
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 49.8  | 39.6  | 59.4  |
| 119     | 32.2  | 26.3  | 39.5  |

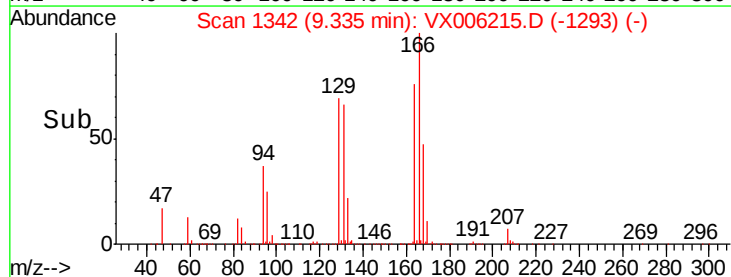
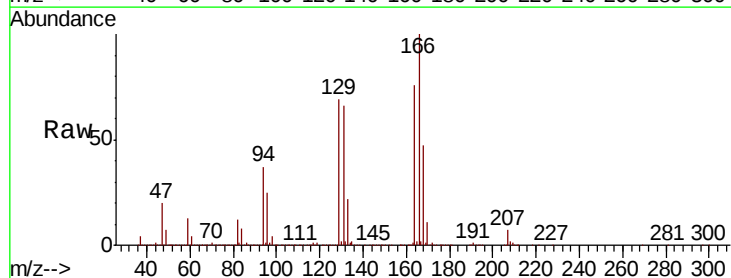
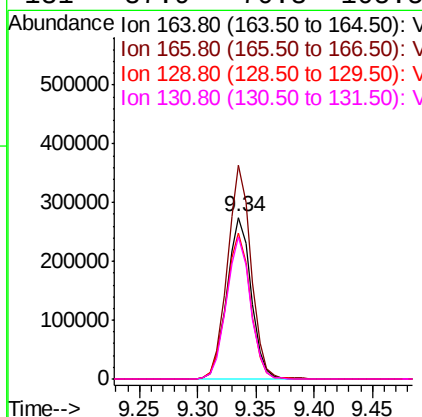
Manual Integrations  
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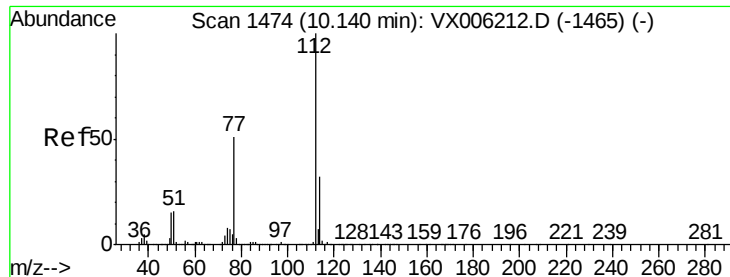
MMDadoda  
11/30/2018 10:13:25 AM



#64  
Tetrachloroethene  
Concen: 47.814 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.4 | 104.2 | 156.2 |
| 129     | 90.8  | 72.6  | 108.8 |
| 131     | 87.9  | 70.3  | 105.5 |





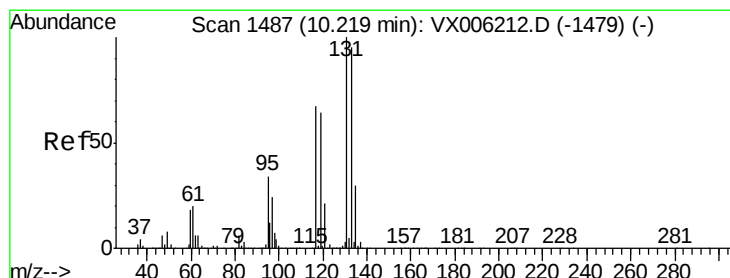
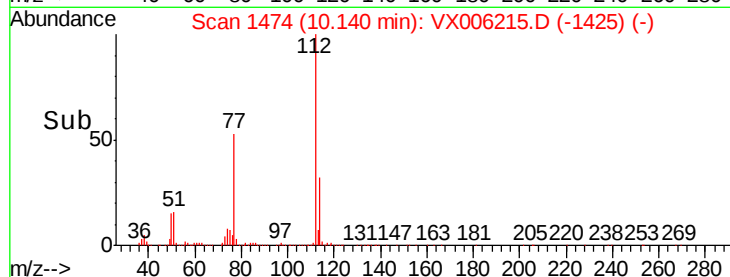
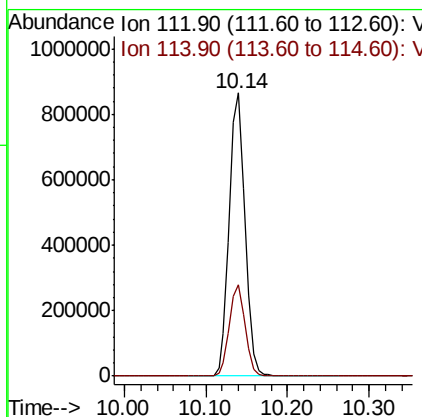
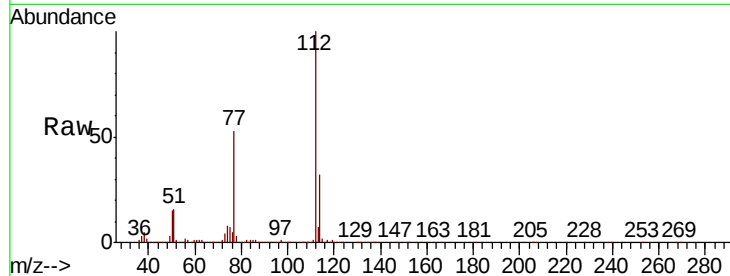
#65  
Chlorobenzene  
Concen: 49.072 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Tgt Ion:112 Resp: 1145595  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.4 38.2

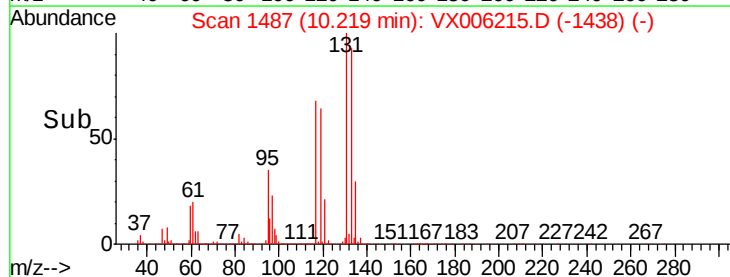
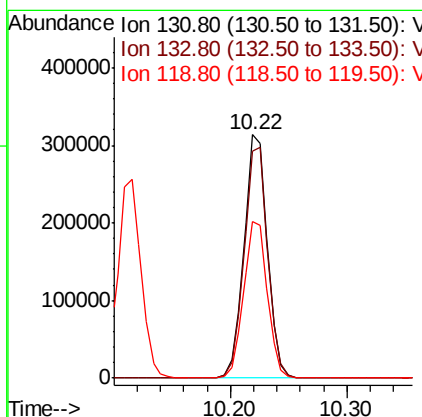
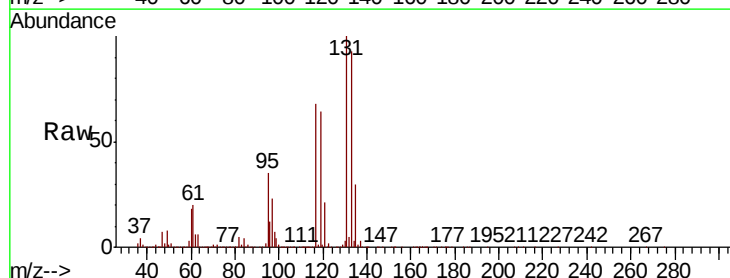
Manual Integrations  
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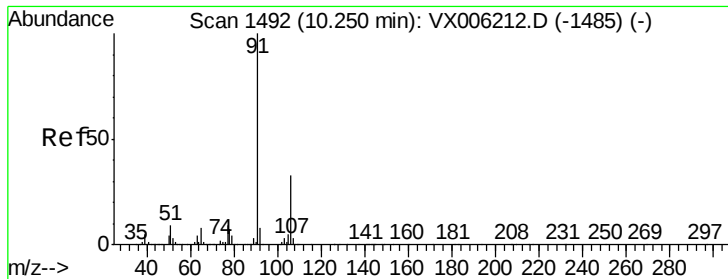
MMDadoda  
11/30/2018 10:13:25 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.585 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Tgt Ion:131 Resp: 440687  
Ion Ratio Lower Upper  
131 100  
133 95.3 48.1 144.4  
119 65.1 32.1 96.3





#67

Ethyl Benzene

Concen: 48.788 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 91 Resp: 1894336

Ion Ratio Lower Upper

91 100

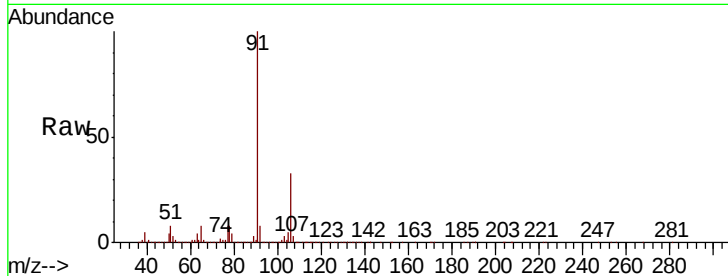
106 32.5 26.5 39.7

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11/30/2018 10:13:25 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006215.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006215.D (-1485) (-)

2500000

2000000

1500000

1000000

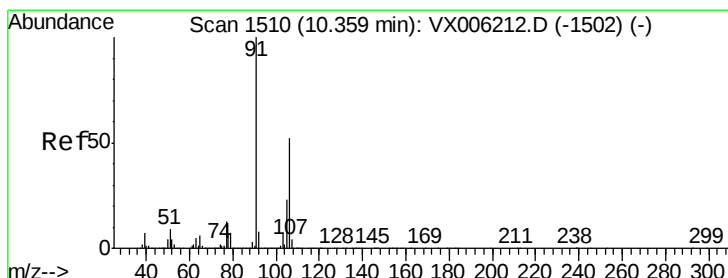
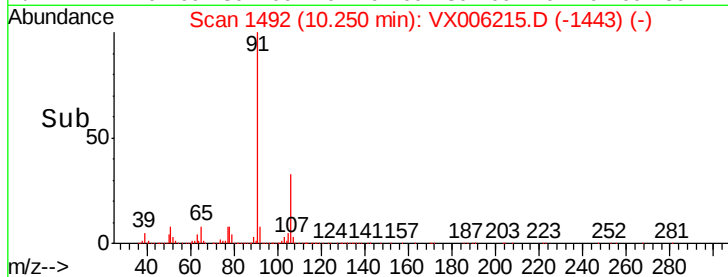
500000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 97.623 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006215.D

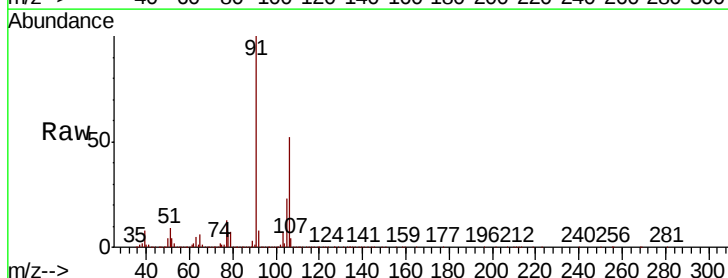
Acq: 29 Nov 2018 16:45

Tgt Ion: 106 Resp: 1518367

Ion Ratio Lower Upper

106 100

91 193.8 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VX006215.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX006215.D (-1502) (-)

2500000

2000000

1500000

1000000

500000

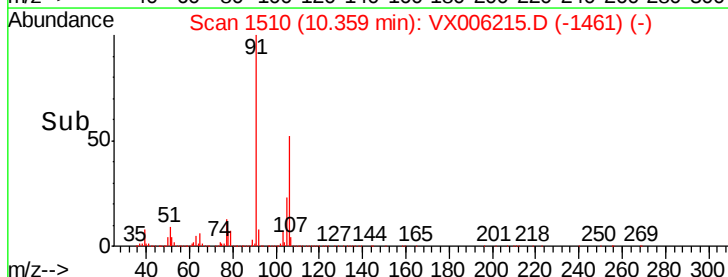
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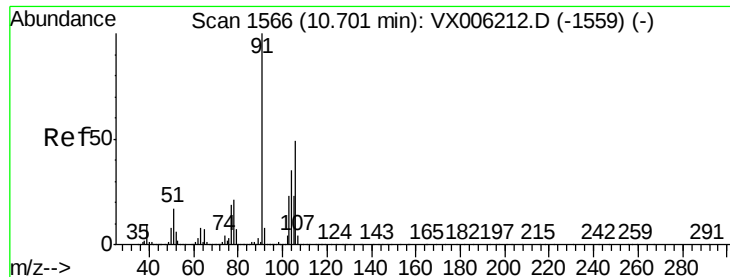
10.30

10.40

10.50

Time-->





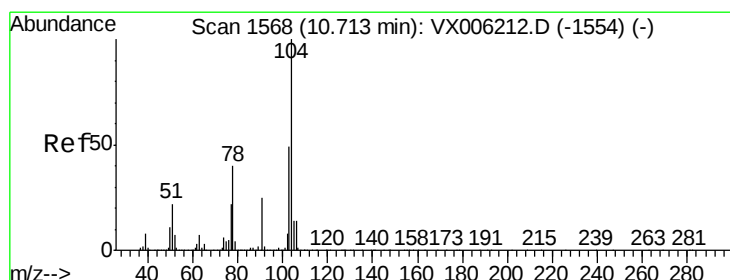
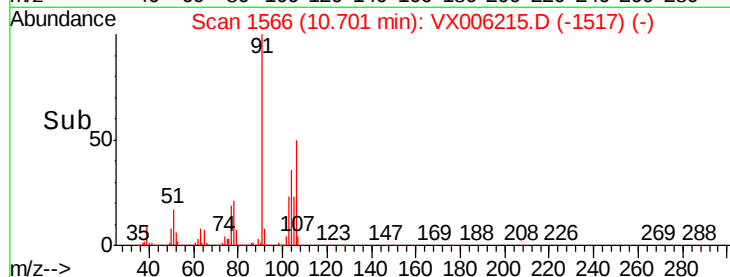
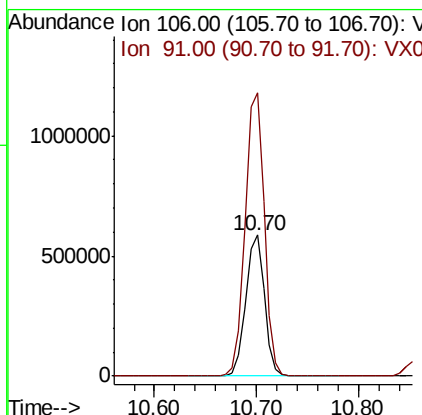
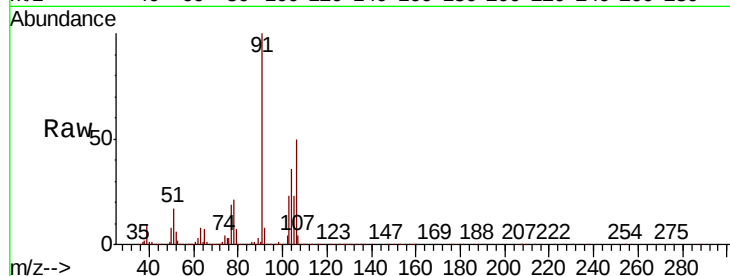
#69  
o-Xylene  
Concen: 48.505 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 745178 |       |       |
| 91      | 205.4 | 101.8  | 305.6 |       |

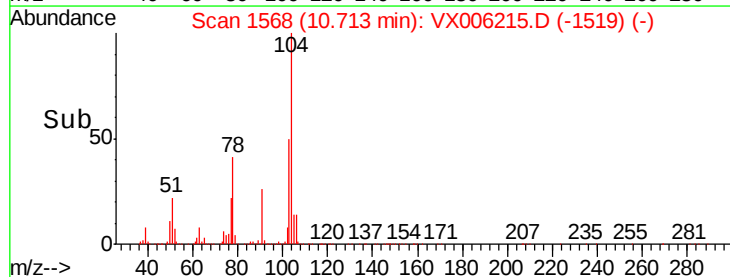
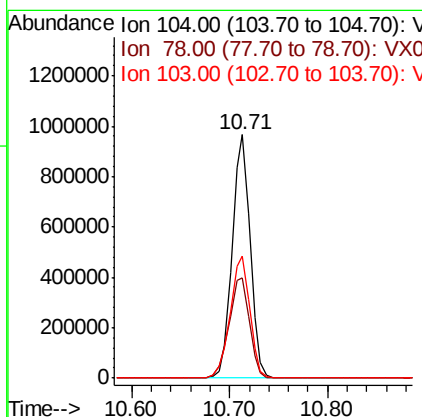
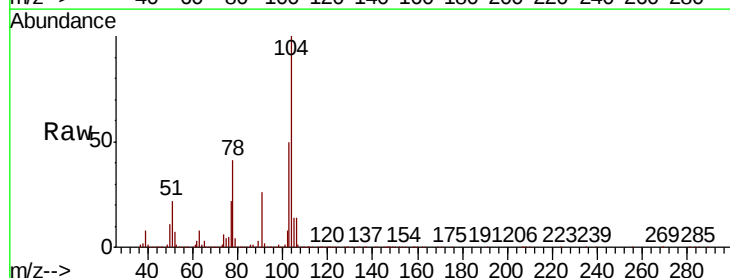
Manual Integrations  
APPROVED

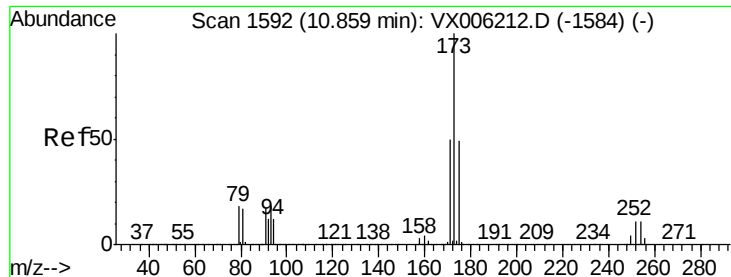
MMDadoda  
11/30/2018 10:13:25 AM



#70  
Styrene  
Concen: 49.517 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 104     | 100   | 1230381 |       |       |
| 78      | 47.0  | 37.2    | 55.8  |       |
| 103     | 54.9  | 43.5    | 65.3  |       |





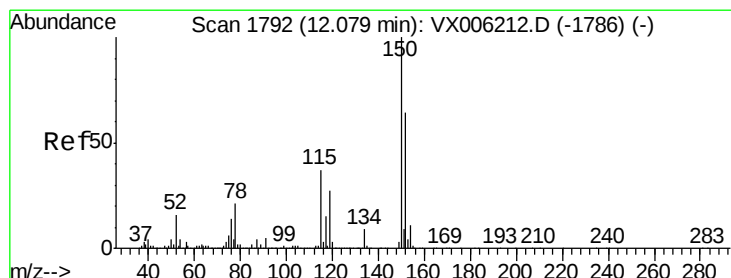
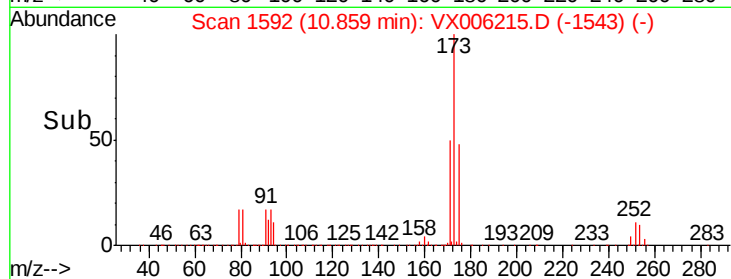
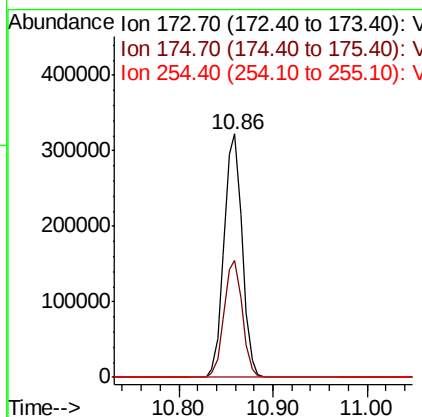
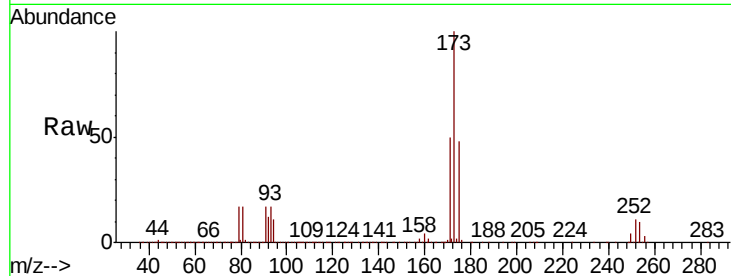
#71  
Bromoform  
Concen: 50.283 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.4  | 24.6  | 73.8  |
| 254     | 0.2   | 0.2   | 0.2   |

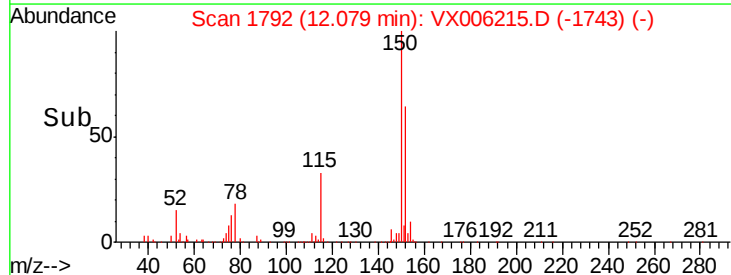
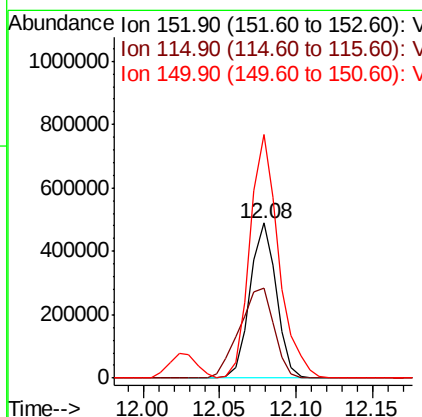
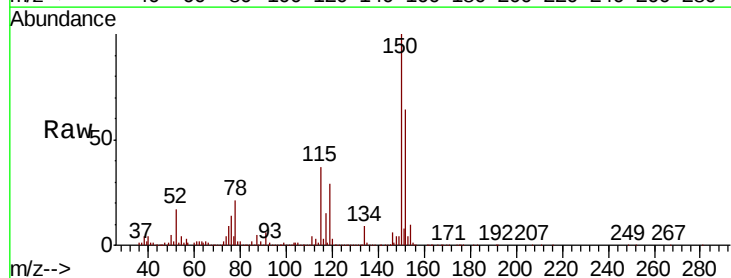
Manual Integrations  
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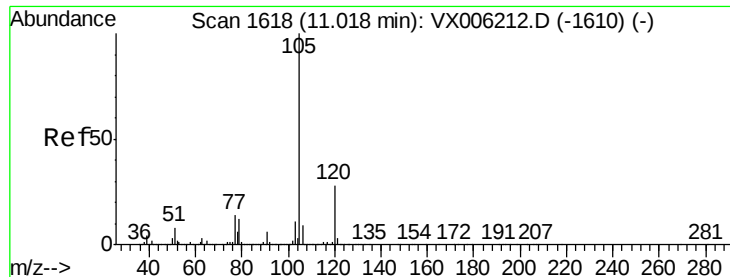
MMDadoda  
11/30/2018 10:13:25 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 76.7  | 39.0  | 116.9 |
| 150     | 172.7 | 0.0   | 345.8 |





#73

Isopropylbenzene

Concen: 48.898 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 105 Resp: 1965635

Ion Ratio Lower Upper

105 100

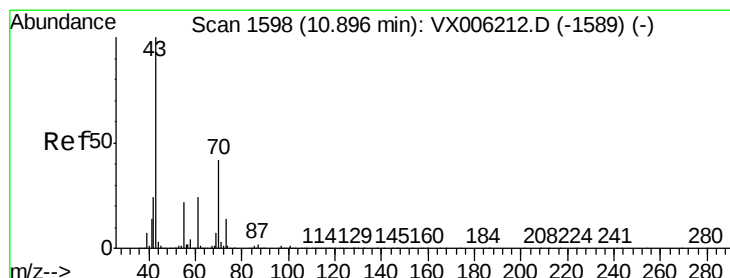
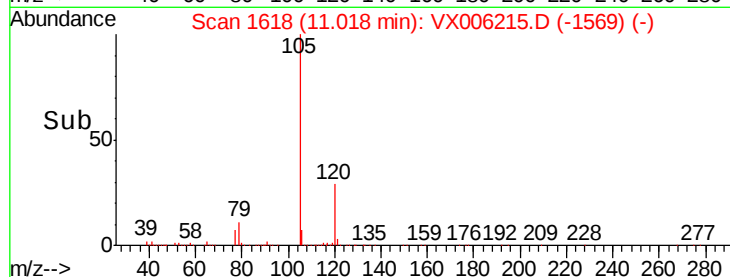
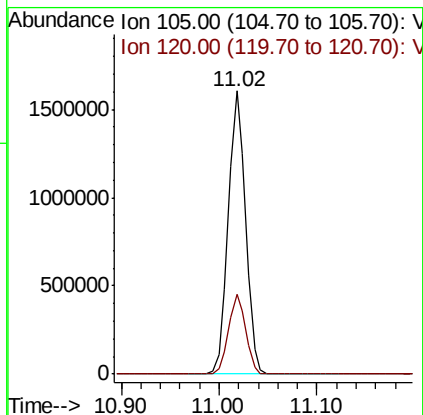
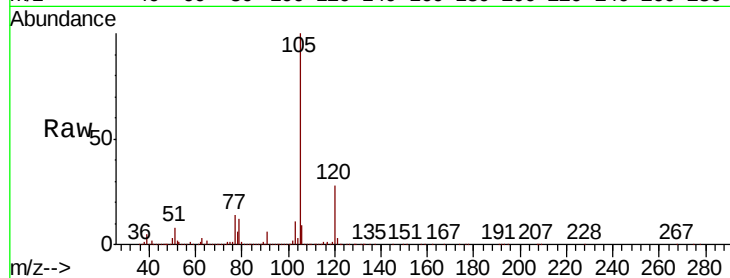
120 28.0 14.1 42.3

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#74

N-ethyl acetate

Concen: 48.214 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Tgt Ion: 43 Resp: 834595

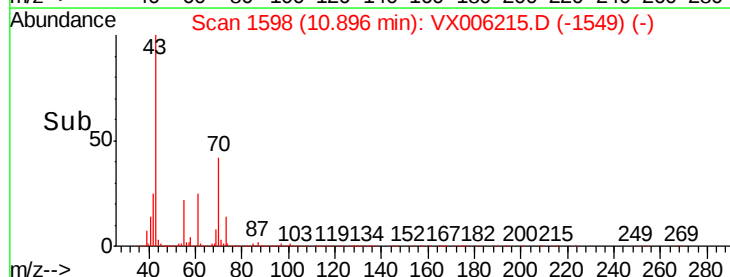
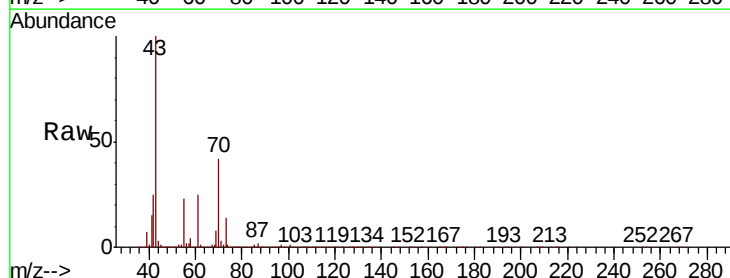
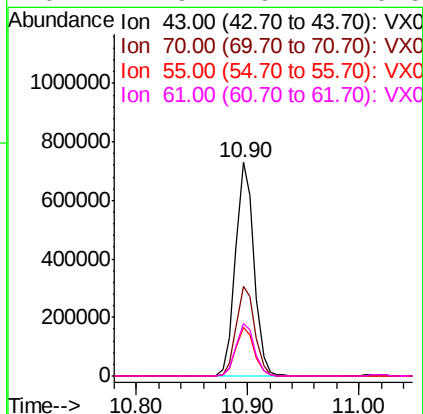
Ion Ratio Lower Upper

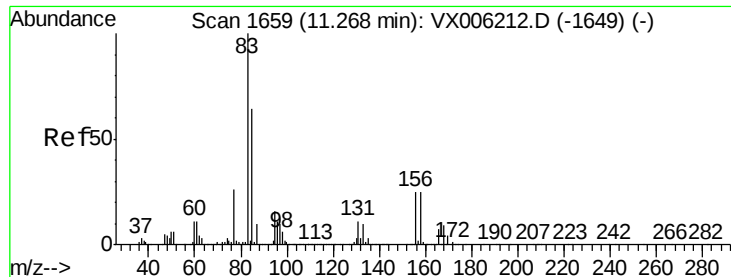
43 100

70 42.2 34.1 51.1

55 22.5 17.8 26.8

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.124 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 83 Resp: 618892

Ion Ratio Lower Upper

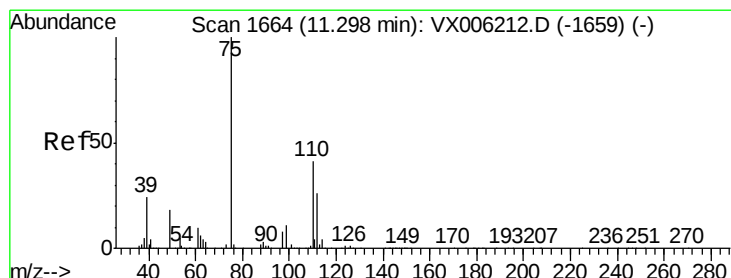
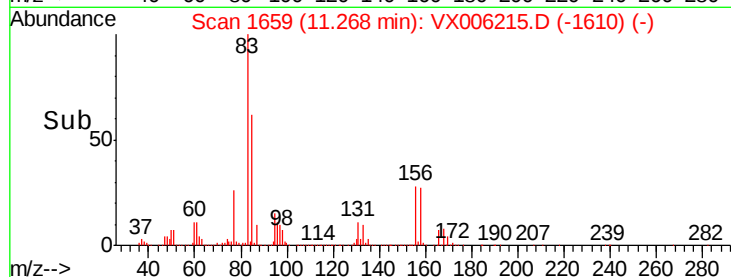
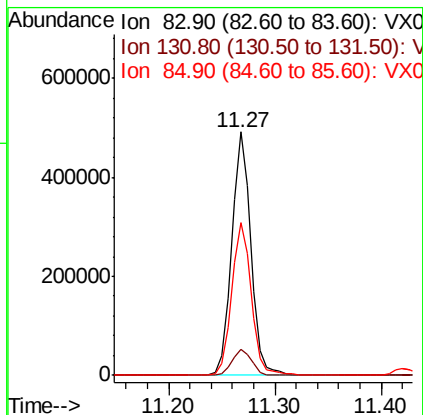
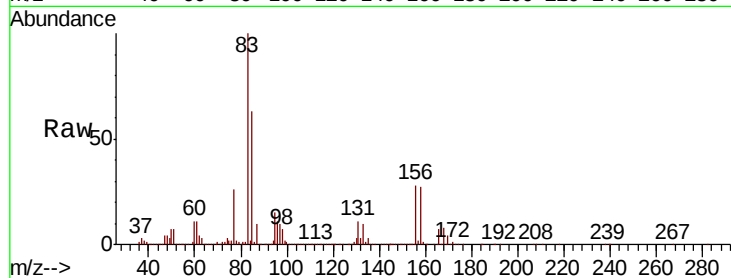
83 100

131 11.1 5.7 17.1

85 64.3 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 51.650 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006215.D

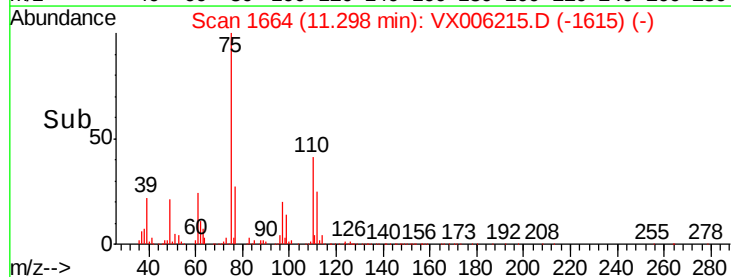
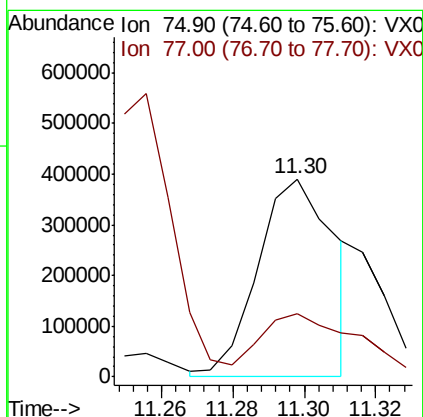
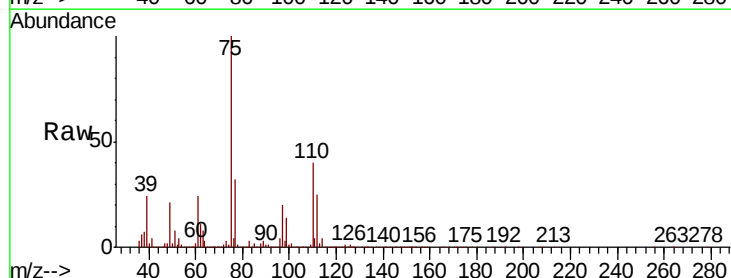
Acq: 29 Nov 2018 16:45

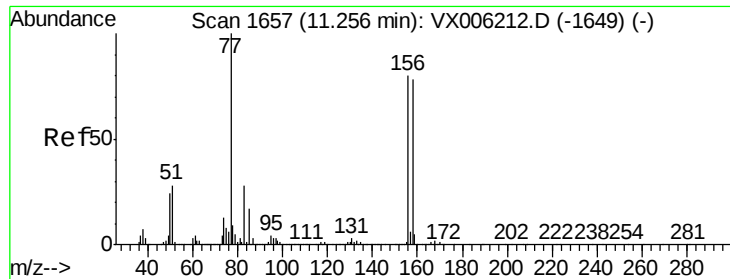
Tgt Ion: 75 Resp: 580304

Ion Ratio Lower Upper

75 100

77 40.5 19.9 59.7





#77

Bromobenzene

Concen: 49.113 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

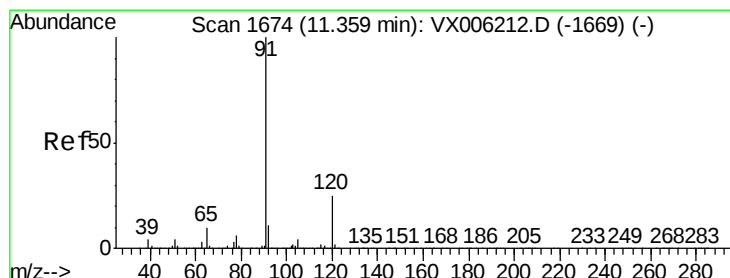
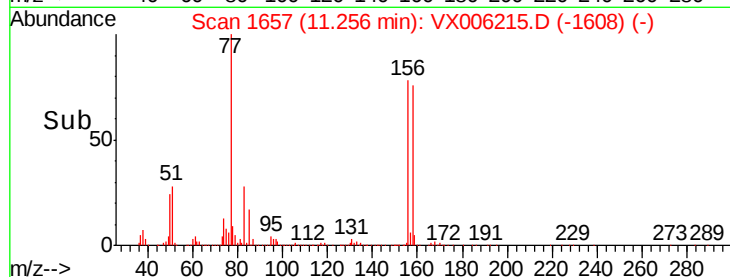
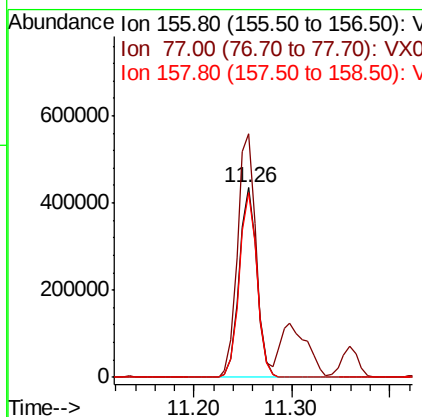
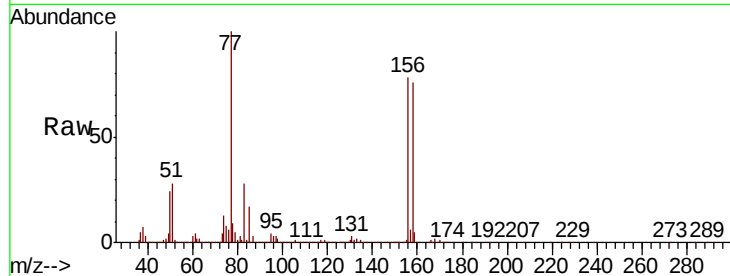
ClientSampleId :

ICVVX112918

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 547897 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 133.2 | 66.2  | 198.6  |
| 158       | 97.1  | 48.8  | 146.4  |

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#78

n-propylbenzene

Concen: 49.536 ug/l

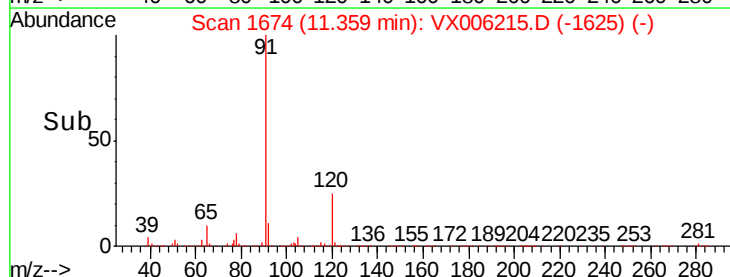
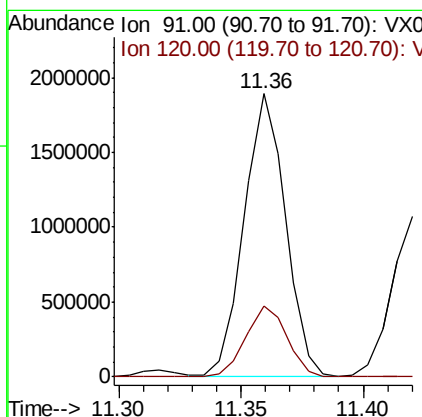
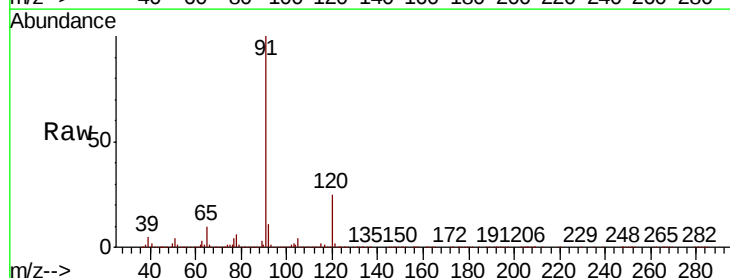
RT: 11.36 min Scan# 1674

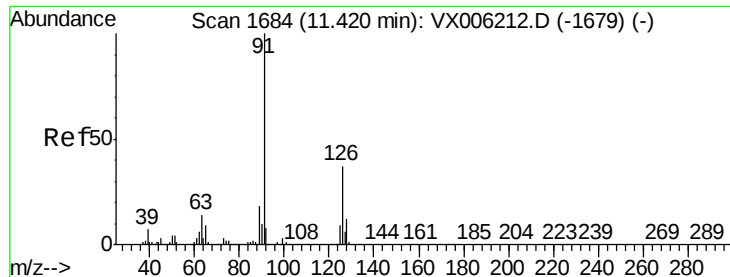
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 2213483 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 25.4  | 12.7  | 38.0    |





#79

2-Chlorotoluene

Concen: 49.083 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112918

Tgt Ion: 91 Resp: 1303589

Ion Ratio Lower Upper

91 100

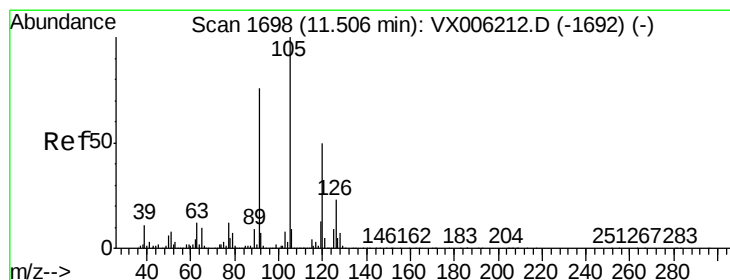
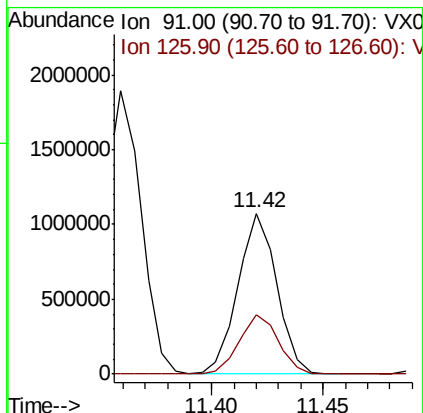
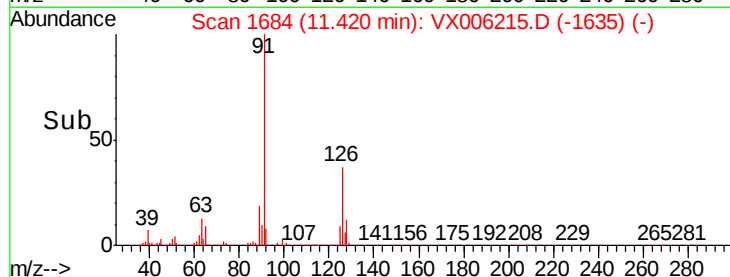
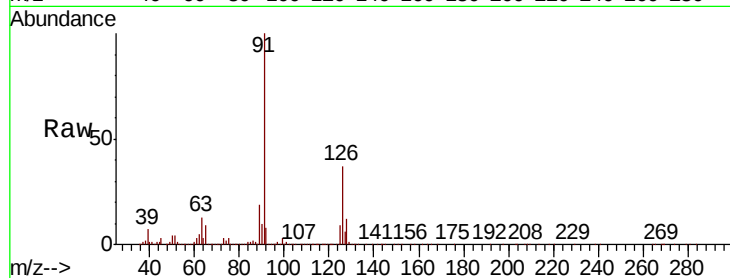
126 37.5 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 48.653 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006215.D

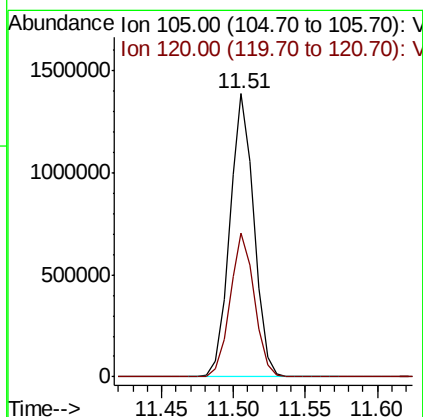
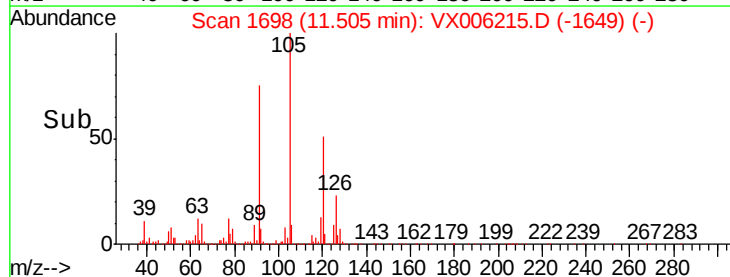
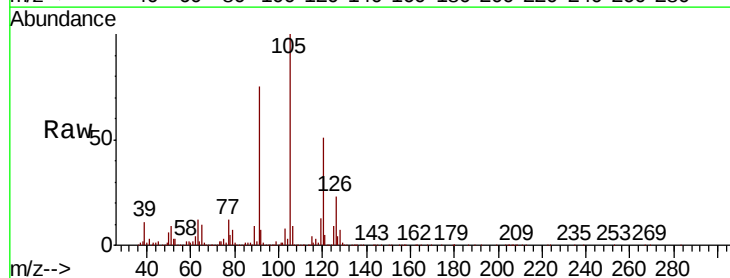
Acq: 29 Nov 2018 16:45

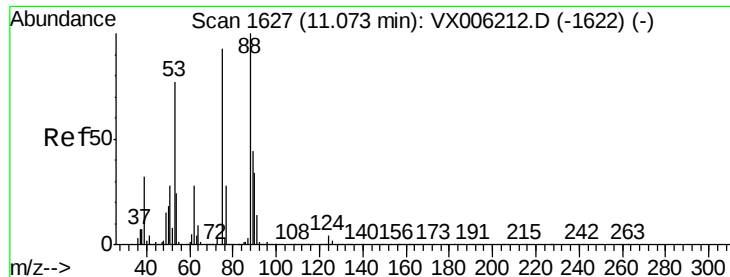
Tgt Ion: 105 Resp: 1627267

Ion Ratio Lower Upper

105 100

120 50.9 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.214 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA\_X

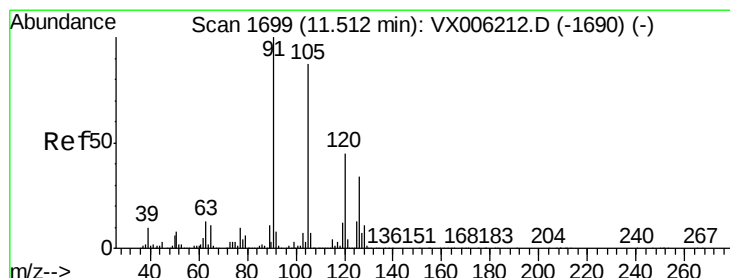
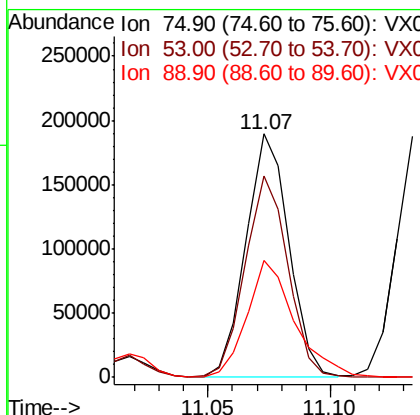
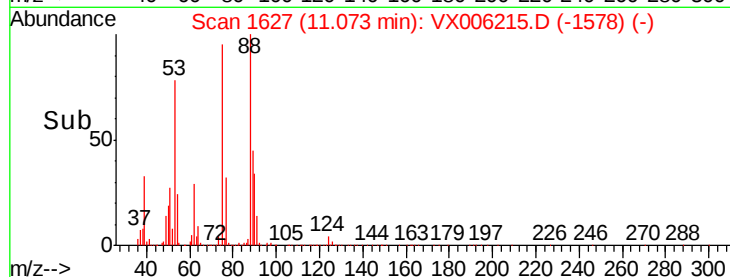
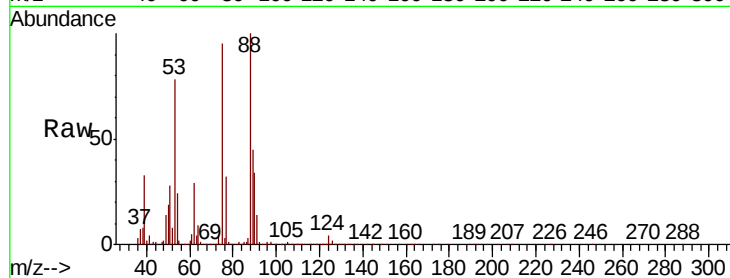
ClientSampleId :

ICVVX112918

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 230831 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 82.0  | 64.4  | 96.6   |
| 89       | 53.7  | 44.2  | 66.4   |

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#82

4-Chlorotoluene

Concen: 49.101 ug/l

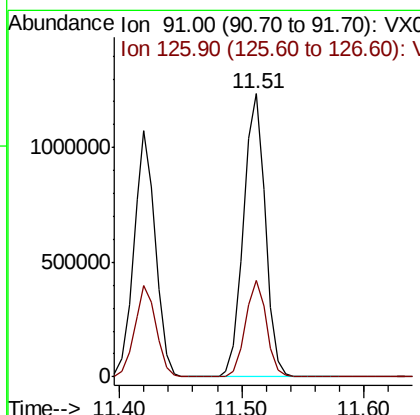
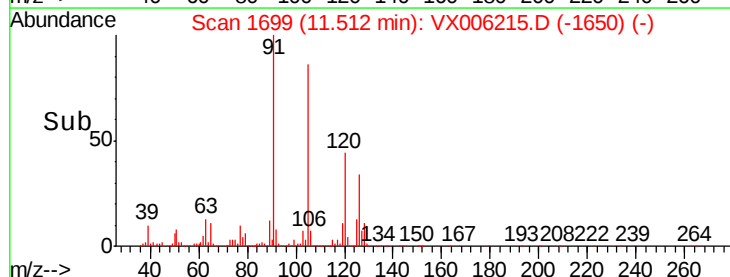
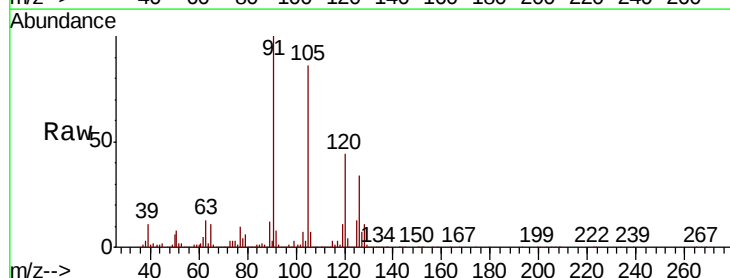
RT: 11.51 min Scan# 1699

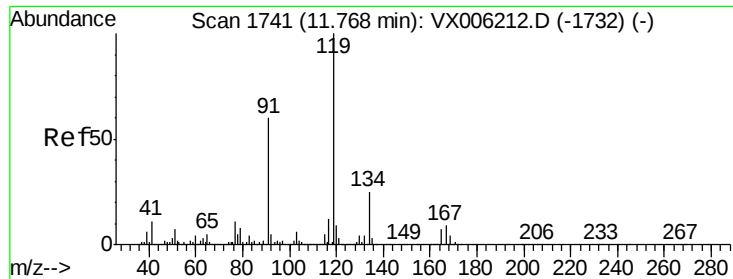
Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 91    | Resp: | 1516170 |
| Ion      | Ratio | Lower | Upper   |
| 91       | 100   |       |         |
| 126      | 33.0  | 16.4  | 49.4    |





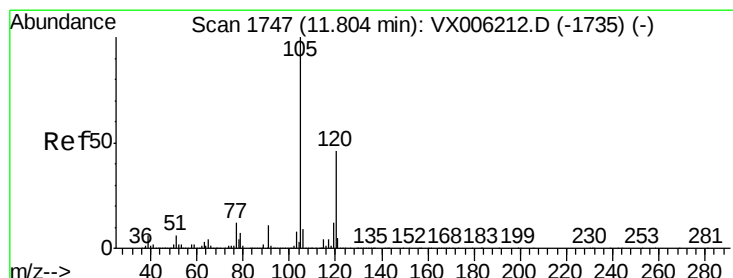
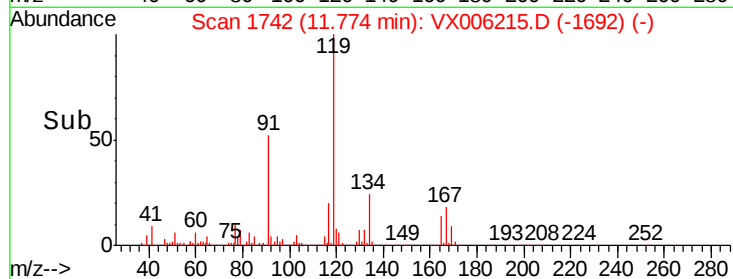
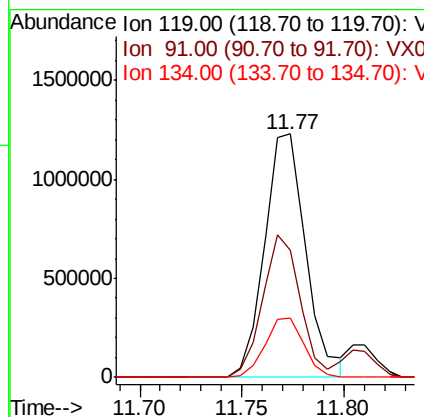
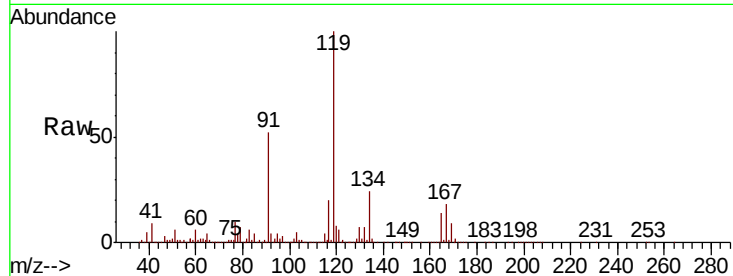
#83  
 tert-Butylbenzene  
 Concen: 48.678 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.01 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112918

Tgt Ion:119 Resp: 1737120  
 Ion Ratio Lower Upper  
 119 100  
 91 53.0 26.4 79.2  
 134 23.1 11.6 34.7

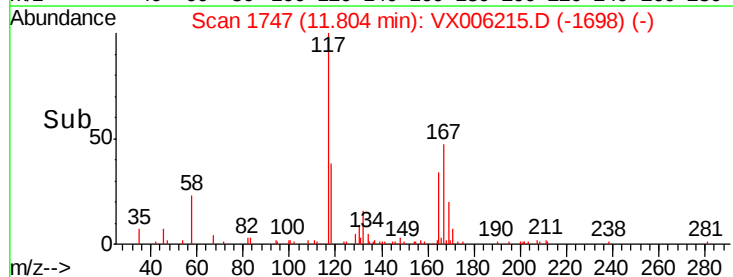
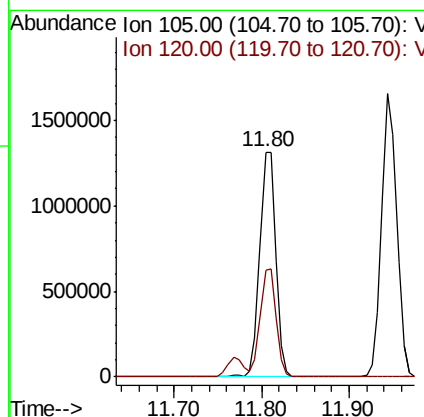
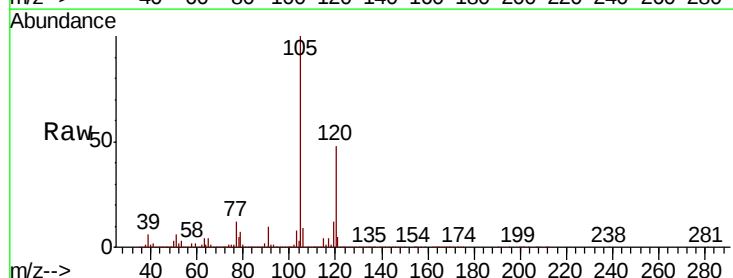
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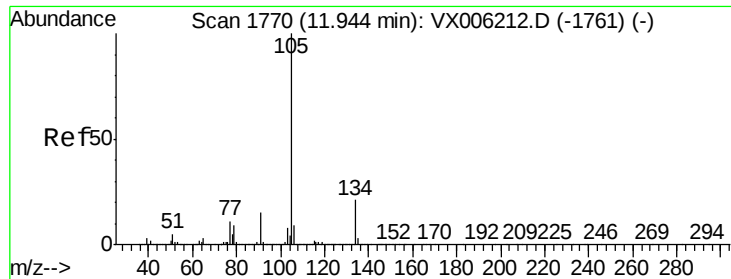
MMDadoda  
 11/30/2018 10:13:25 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.376 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

Tgt Ion:105 Resp: 1670712  
 Ion Ratio Lower Upper  
 105 100  
 120 47.1 23.4 70.0





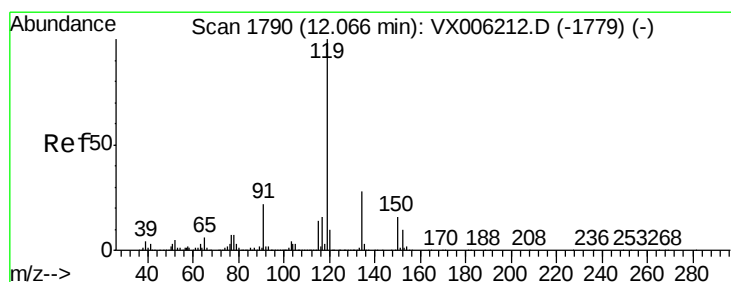
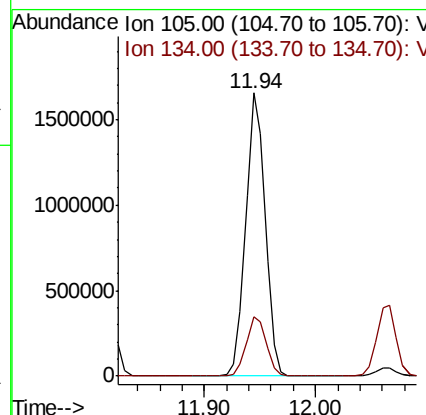
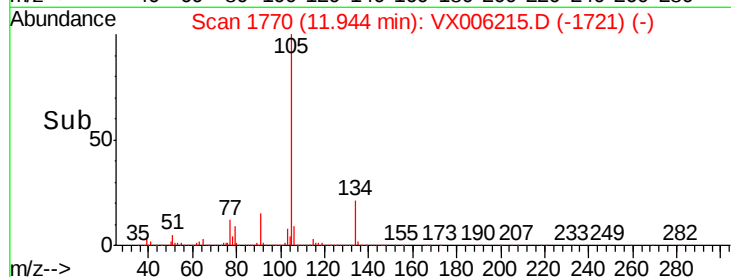
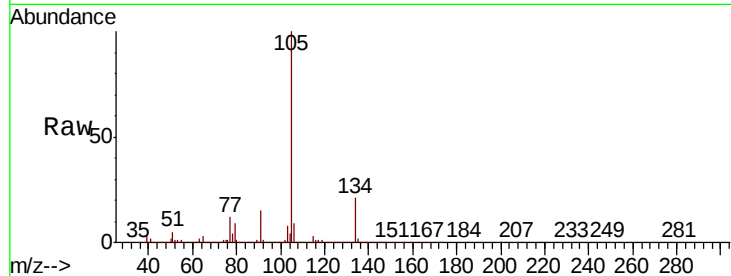
#85  
 sec-Butylbenzene  
 Concen: 49.355 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112918

Tgt Ion:105 Resp: 2003693  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.8 32.4

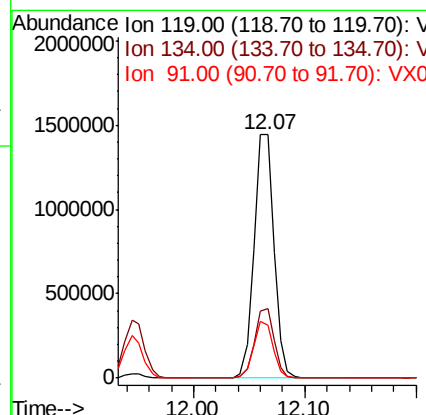
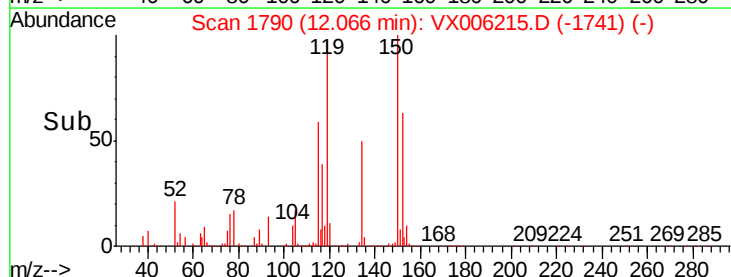
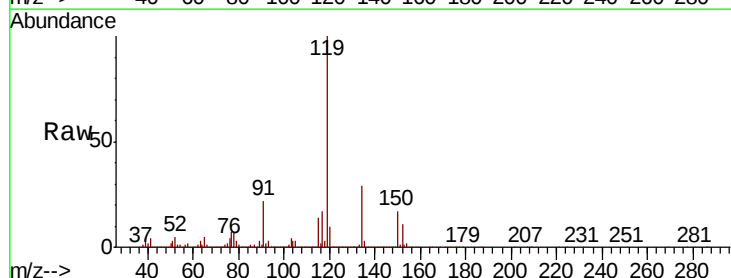
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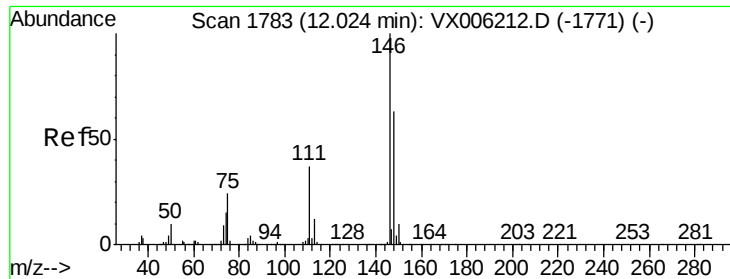
MMDadoda  
 11/30/2018 10:13:25 AM



#86  
 p-Isopropyltoluene  
 Concen: 48.987 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

Tgt Ion:119 Resp: 1790820  
 Ion Ratio Lower Upper  
 119 100  
 134 28.1 13.9 41.6  
 91 22.6 11.3 33.8





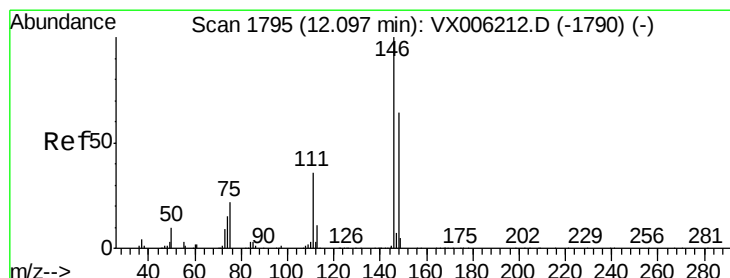
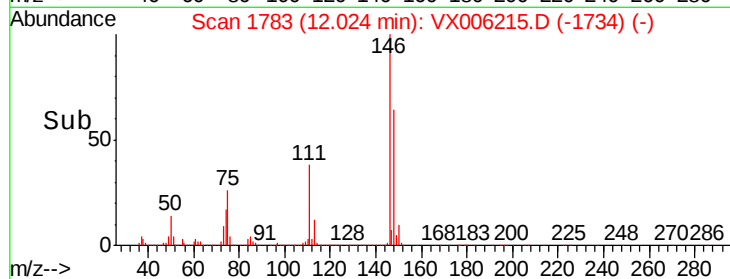
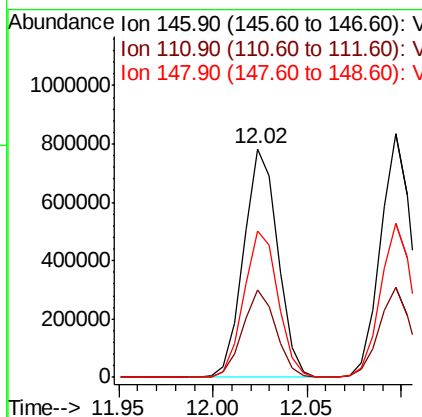
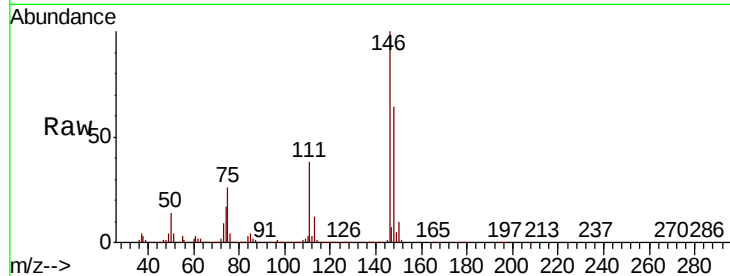
#87  
 1,3-Dichlorobenzene  
 Concen: 49.605 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.4  | 55.2  |
| 148     | 64.1  | 32.0  | 96.0  |

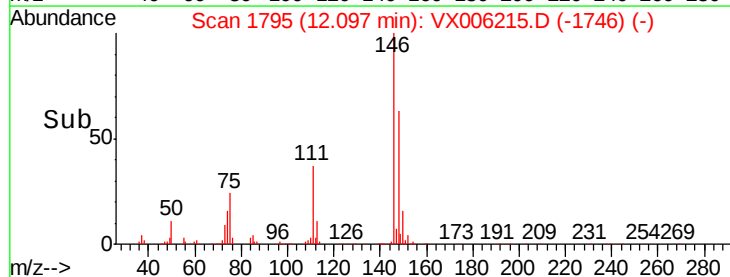
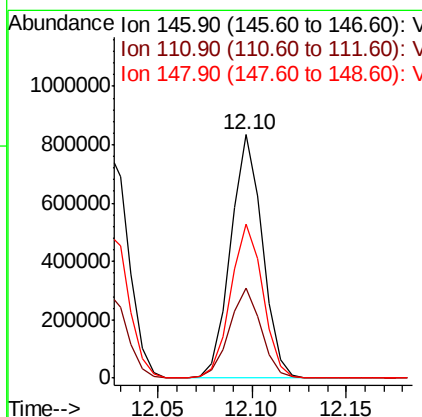
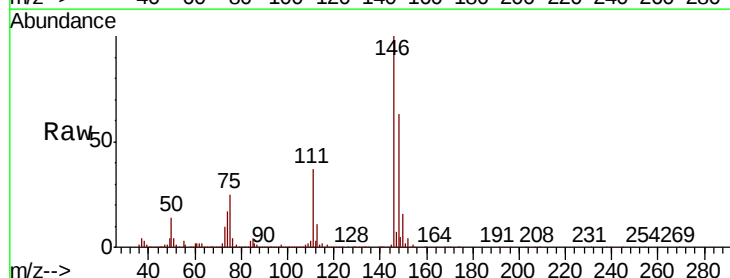
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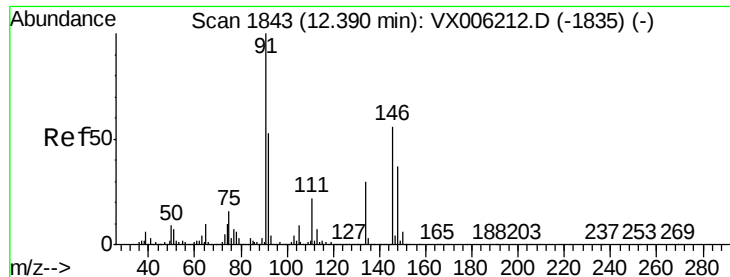
MMDadoda  
 11/30/2018 10:13:25 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.277 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.0  | 18.3  | 54.8  |
| 148     | 64.2  | 31.9  | 95.9  |





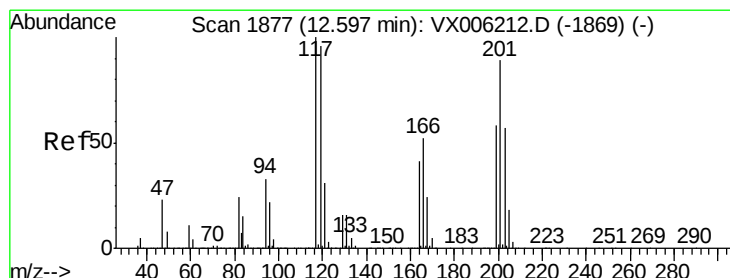
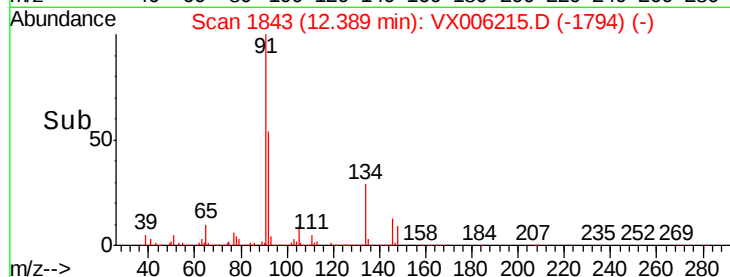
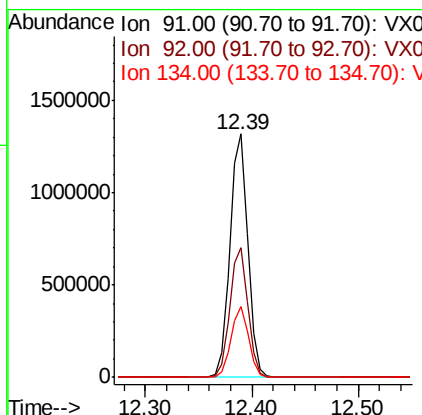
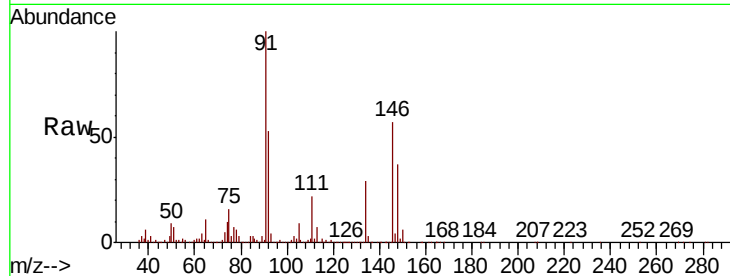
#89  
n-Butylbenzene  
Concen: 49.585 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

Tgt Ion: 91 Resp: 1546647  
Ion Ratio Lower Upper  
91 100  
92 53.9 26.6 79.8  
134 29.0 14.8 44.3

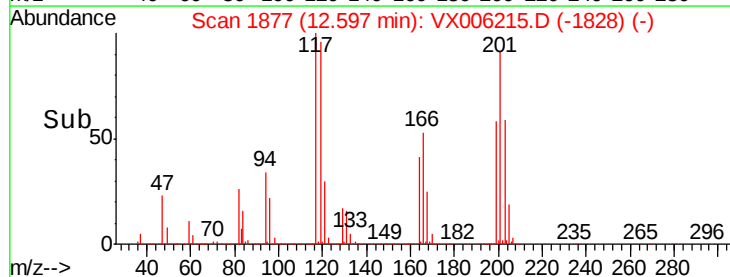
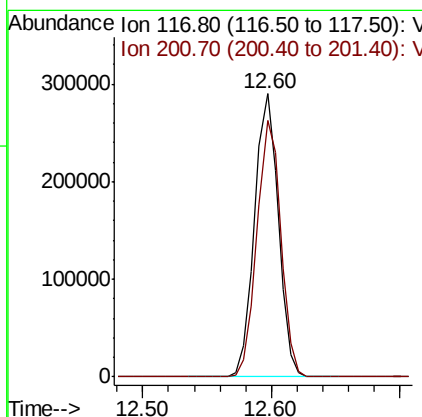
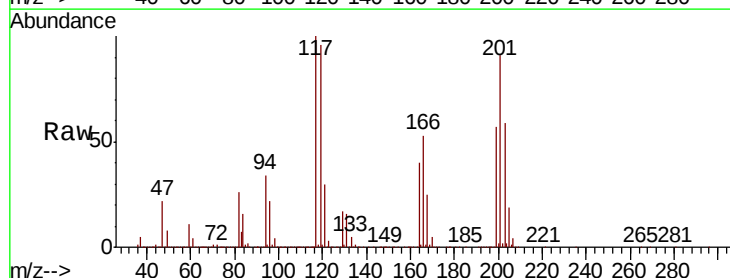
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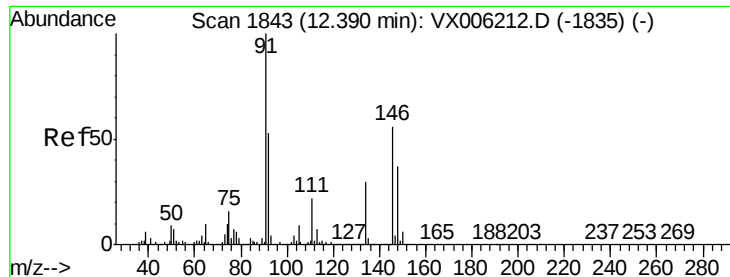
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#90  
Hexachloroethane  
Concen: 49.108 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Tgt Ion: 117 Resp: 365887  
Ion Ratio Lower Upper  
117 100  
201 91.4 44.7 134.1





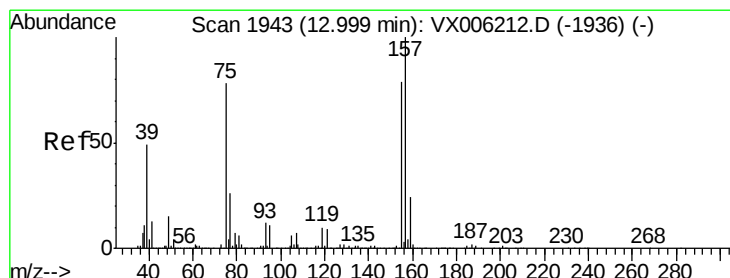
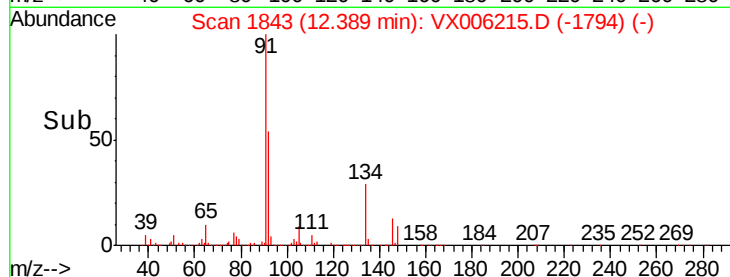
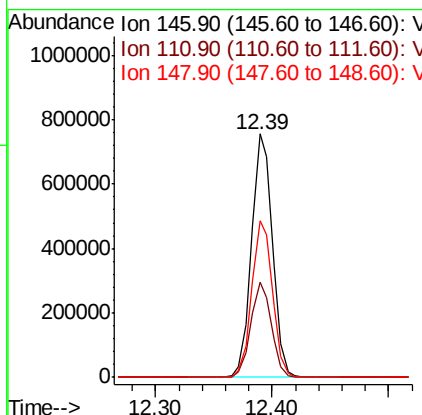
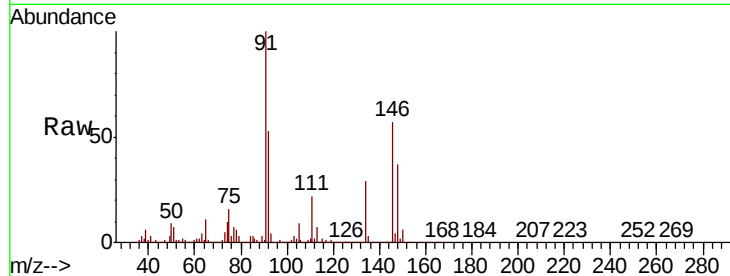
#91  
 1,2-Dichlorobenzene  
 Concen: 47.999 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 945599 |       |       |
| 111     | 38.4  | 19.1   | 57.3  |       |
| 148     | 64.1  | 32.1   | 96.3  |       |

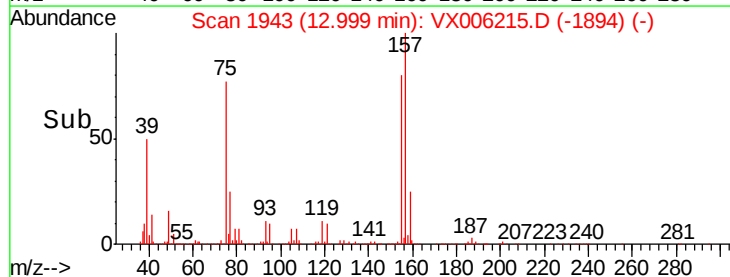
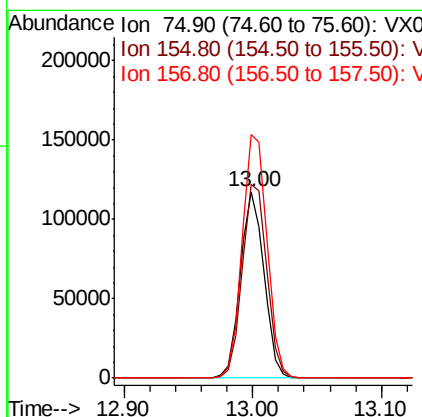
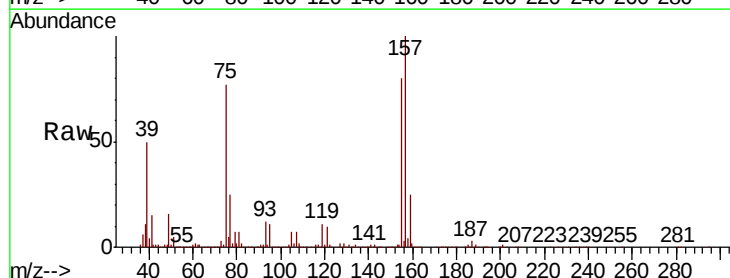
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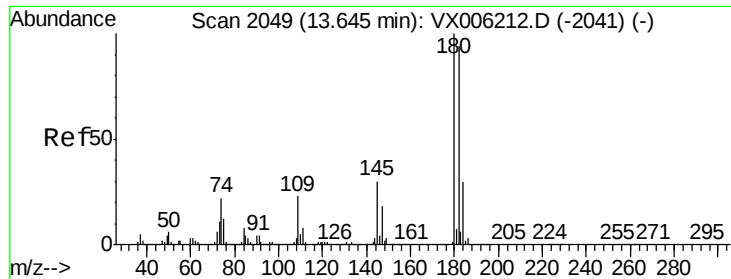
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.064 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX006215.D  
 Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 148559 |       |       |
| 155     | 107.7 | 53.4   | 160.3 |       |
| 157     | 137.2 | 68.0   | 203.8 |       |





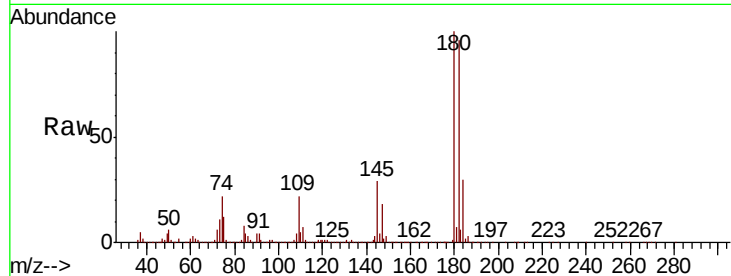
#93  
1,2,4-Trichlorobenzene  
Concen: 49.544 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 712082 |       |       |
| 182     | 95.8  | 47.3   | 141.9 |       |
| 145     | 29.2  | 14.6   | 43.8  |       |

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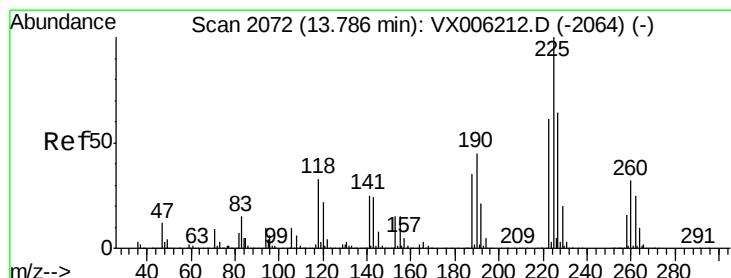
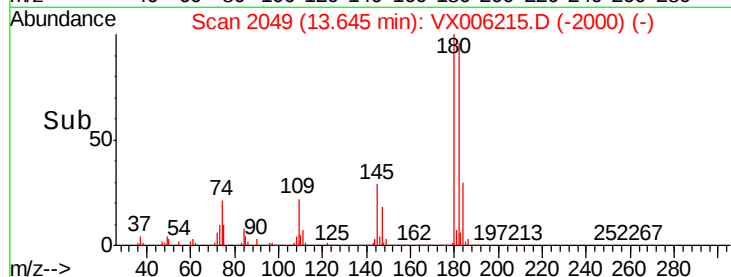
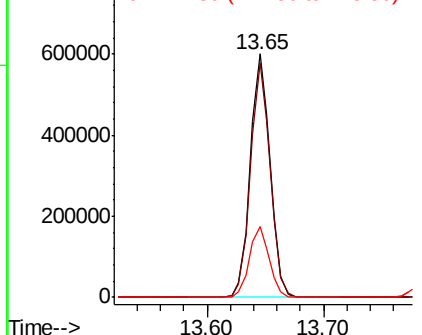


Abundance

Ion 179.80 (179.50 to 180.50): V

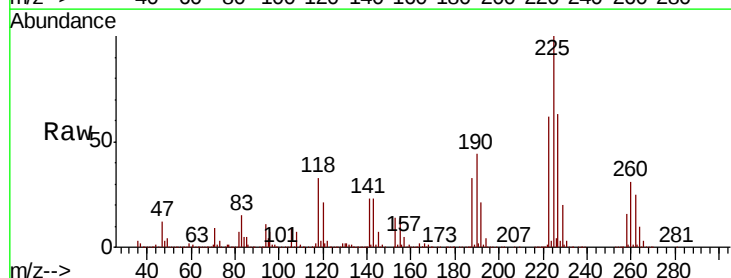
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
Hexachlorobutadiene  
Concen: 50.436 ug/l  
RT: 13.79 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 320584 |       |       |
| 223     | 62.9  | 31.2   | 93.6  |       |
| 227     | 63.9  | 31.9   | 95.5  |       |

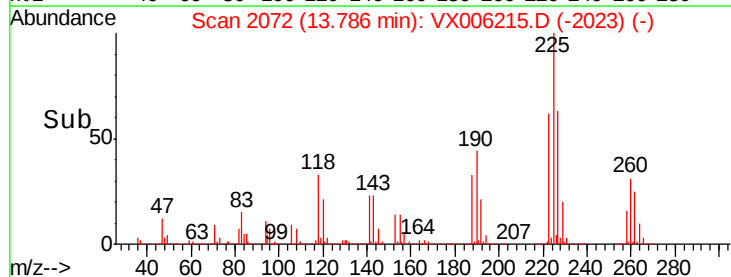
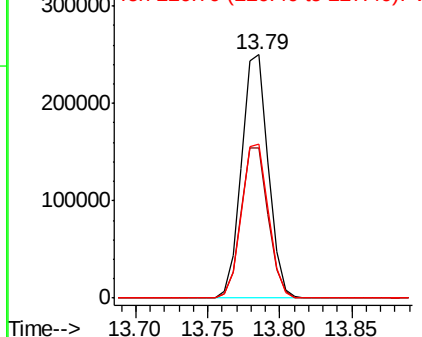


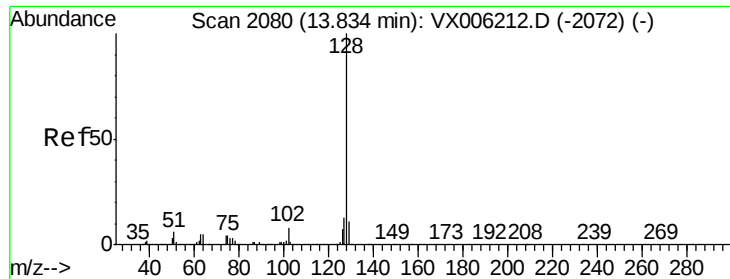
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





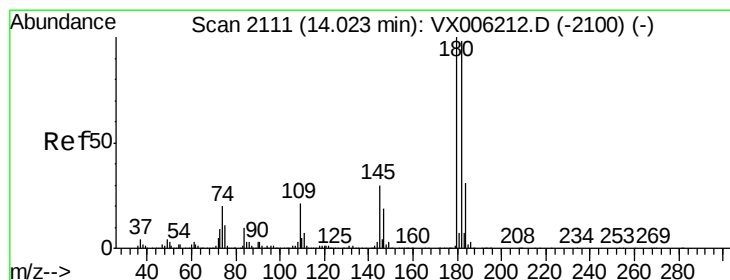
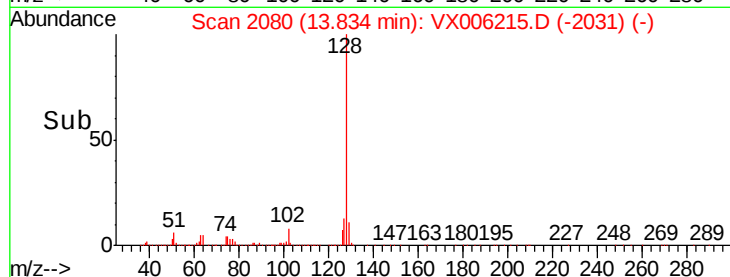
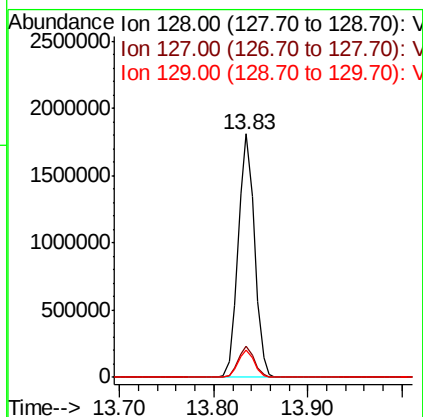
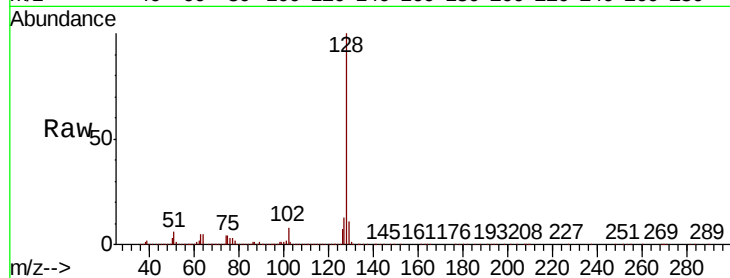
#95  
Naphthalene  
Concen: 48.508 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.6  | 10.2  | 15.4  |
| 129     | 11.0  | 8.9   | 13.3  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 49.608 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: VX006215.D  
Acq: 29 Nov 2018 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 48.4  | 145.2 |
| 145     | 31.0  | 15.6  | 46.8  |

