

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\  
 Data File : VX002323.D  
 Acq On : 05 Jun 2018 23:57  
 Operator : JC/MD  
 Sample : VX0605WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0605WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 6/6/2018 4:10:45 PM

Quant Time: Jun 06 06:51:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 195736   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 333482   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 329252   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 195780   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 154653   | 55.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.28% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 111606   | 42.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 85.12%  |      |
| 50) Toluene-d8            | 8.72   | 98  | 424826   | 42.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.52%  |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 157726   | 40.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 81.38%  |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 29421  | 14.459  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 52249  | 20.730  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.41 | 62  | 49892  | 19.456  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 38532  | 24.874  | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 36759  | 22.160  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 69734  | 17.848  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 37193  | 25.619  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 33589  | 15.930  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 59389  | 20.025  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.08 | 59  | 76336  | 123.018 | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 40555  | 19.463  | ug/l | 98     |
| 13) Acrolein                  | 2.30 | 56  | 34751  | 119.965 | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 91236  | 20.176  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 162175 | 131.547 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 154311 | 118.070 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 88068  | 16.036  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 79019  | 26.935  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 191476 | 25.202  | ug/l | 98     |
| 20) Methylene Chloride        | 2.86 | 84  | 58283  | 24.950  | ug/l | 94     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 48028  | 20.901  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.88 | 45  | 172683 | 22.026  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.83 | 43  | 745778 | 101.733 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 101736 | 22.763  | ug/l | 100    |
| 25) 2-Butanone                | 4.71 | 43  | 207966 | 108.362 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 49381  | 14.134  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 51665  | 20.674  | ug/l | 98     |
| 28) Bromochloromethane        | 5.02 | 49  | 46996  | 22.786  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 136716 | 110.489 | ug/l | 100    |
| 30) Chloroform                | 5.22 | 83  | 91287  | 21.167  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 51361  | 14.533  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 68602  | 18.756  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 56070  | 15.993  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 82893  | 19.661  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 54202  | 14.778  | ug/l | 99     |

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 Sample : VX0605WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0605WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 6/6/2018 4:10:45 PM

Quant Time: Jun 06 06:51:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 47830    | 11.247  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 197152   | 18.341  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.07  | 41   | 45877    | 19.008  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 83960    | 19.659  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 131792   | 18.404  | ug/l   | 100      |
| 44) Trichloroethene            | 7.22  | 130  | 53221    | 17.839  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 53900    | 18.573  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 37141    | 18.879  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 61064    | 17.162  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.79  | 41   | 66868    | 18.589  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 28107    | 417.898 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 444059   | 99.573  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 125808   | 18.401  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 70173    | 16.446  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 64401    | 15.998  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 54247    | 19.292  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 81582    | 18.172  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 92076    | 19.518  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 192830   | 92.803  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 341113   | 99.027  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 48692    | 17.216  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 56076    | 19.126  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 55403    | 16.316  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 146197   | 17.845  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 51488    | 17.356  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 238701   | 17.410  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 184259   | 34.572  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 92449    | 17.431  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 153927   | 17.753  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 34991    | 15.717  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 235840   | 17.317  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.47  | 43   | 131792   | 17.959  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 81171    | 18.950  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 80439m   | 18.724  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 68967    | 18.038  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 258030   | 17.046  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 168966   | 17.677  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 204138   | 17.475  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 16228    | 13.242  | ug/l # | 83       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 195386   | 17.710  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 192432   | 16.916  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 215199   | 17.896  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 219342   | 16.448  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 198519   | 16.343  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 120299   | 17.597  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 123517   | 17.528  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 154039   | 15.120  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 27760    | 14.316  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 129078   | 18.248  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 16126    | 17.215  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\  
Data File : VX002323.D  
Acq On : 05 Jun 2018 23:57  
Operator : JC/MD  
Sample : VX0605WBS02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

Manual Integrations  
APPROVED

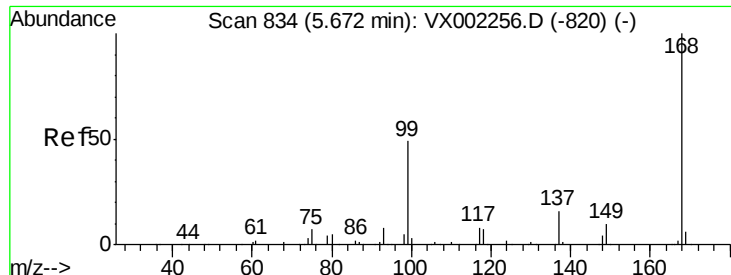
MMDadoda  
6/6/2018 4:10:45 PM

Quant Time: Jun 06 06:51:37 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 81267    | 16.385 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 34798    | 14.198 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 264547   | 18.564 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 89037    | 17.602 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion:168 Resp: 195736

Ion Ratio Lower Upper

168 100

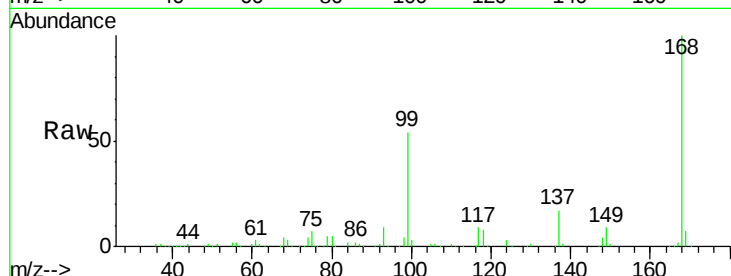
99 53.4 39.3 58.9

Manual Integrations

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6/6/2018 4:10:45 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

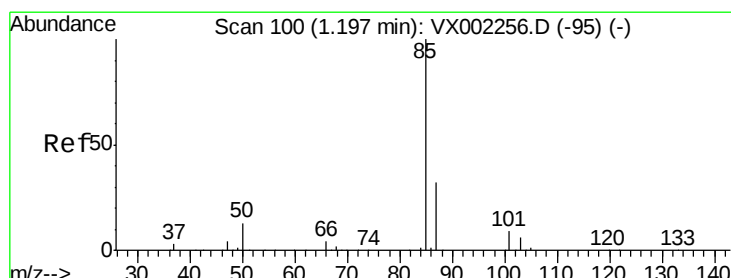
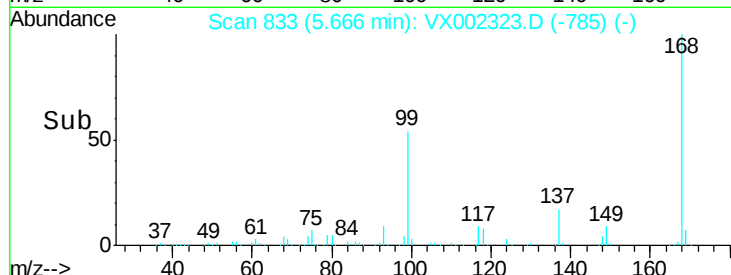
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.459 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002323.D

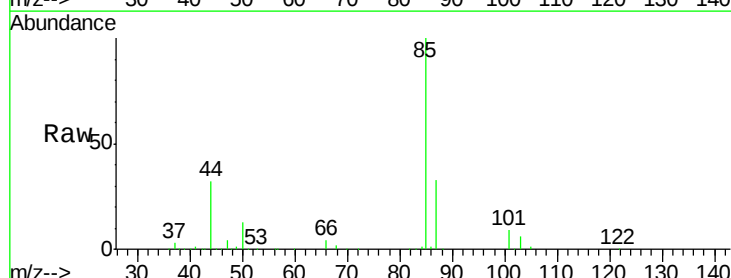
Acq: 05 Jun 2018 23:57

Tgt Ion: 85 Resp: 29421

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

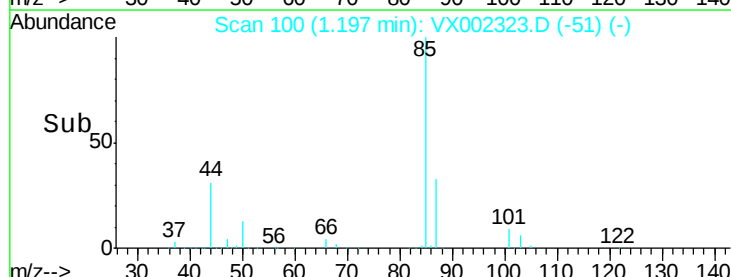
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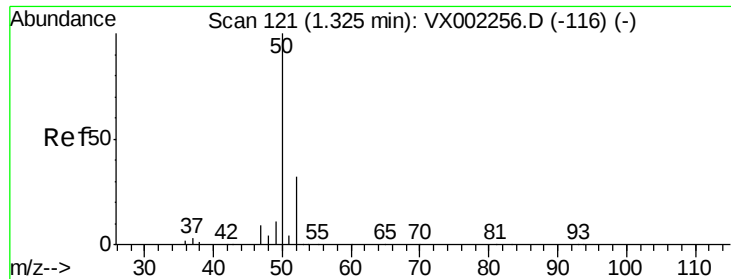
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 20.730 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 50 Resp: 52249

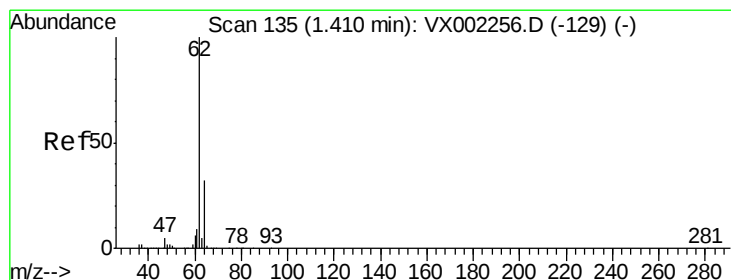
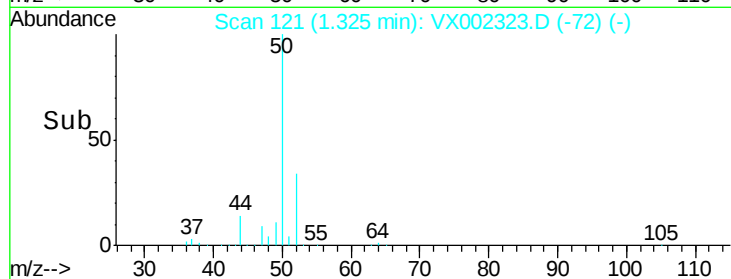
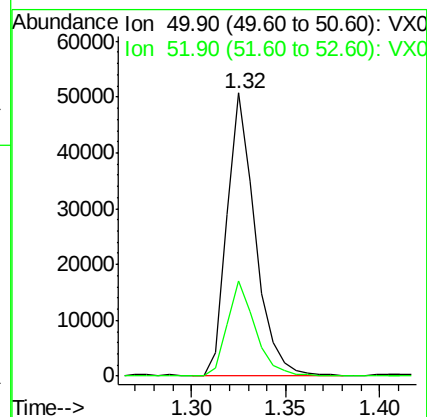
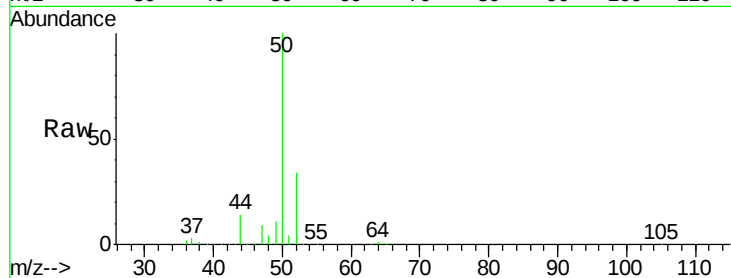
Ion Ratio Lower Upper

50 100

52 33.7 25.7 38.5

Manual Integrations  
APPROVED

MMDadoda  
6/6/2018 4:10:45 PM



#4

Vinyl Chloride

Concen: 19.456 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX002323.D

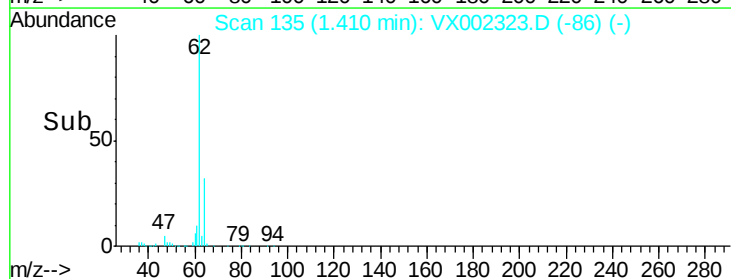
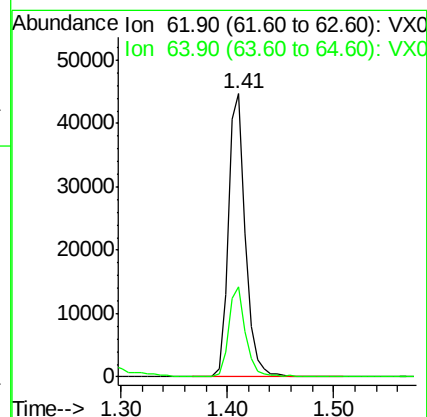
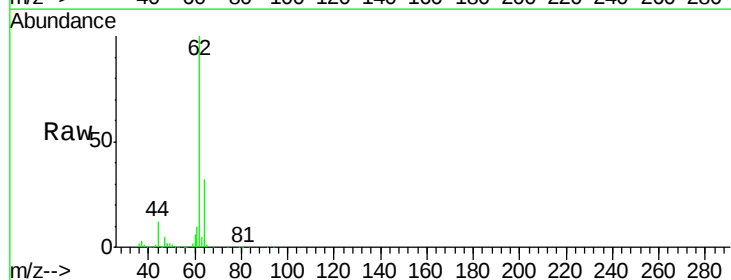
Acq: 05 Jun 2018 23:57

Tgt Ion: 62 Resp: 49892

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 24.874 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 94 Resp: 38532

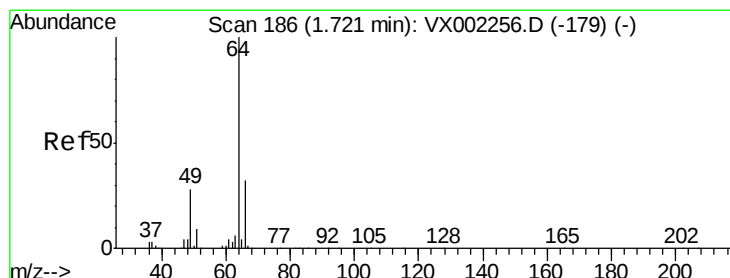
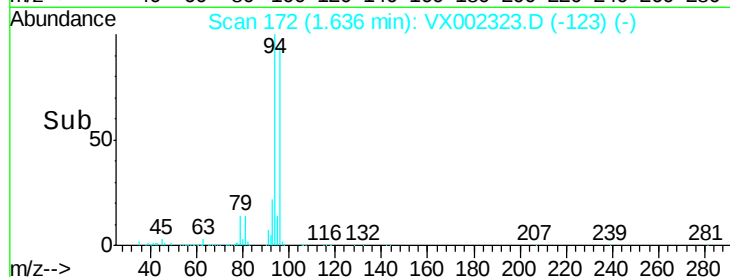
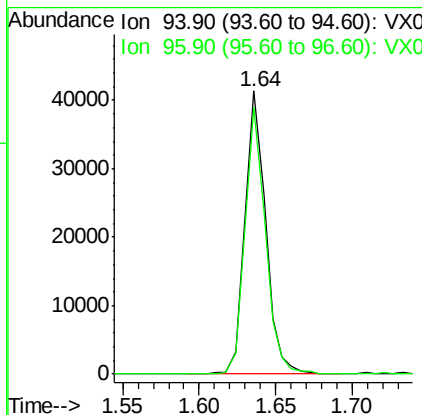
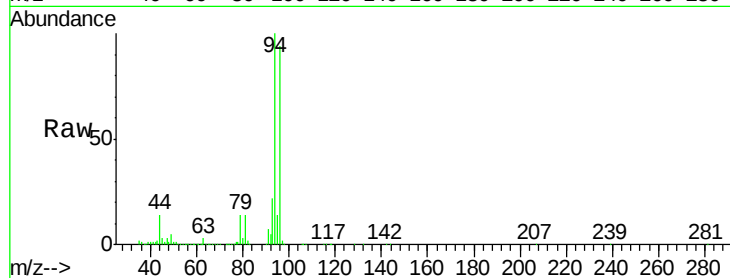
Ion Ratio Lower Upper

94 100

96 94.5 74.9 112.3

Manual Integrations  
APPROVED

MMDadoda  
6/6/2018 4:10:45 PM



#6

Chloroethane

Concen: 22.160 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002323.D

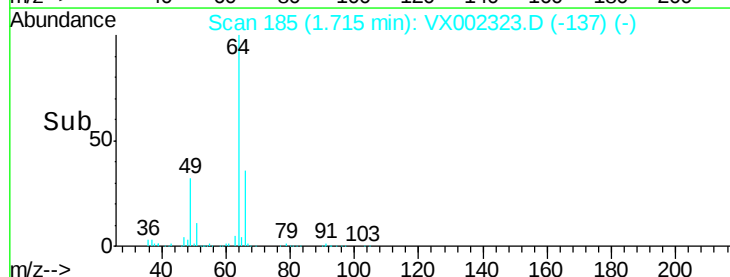
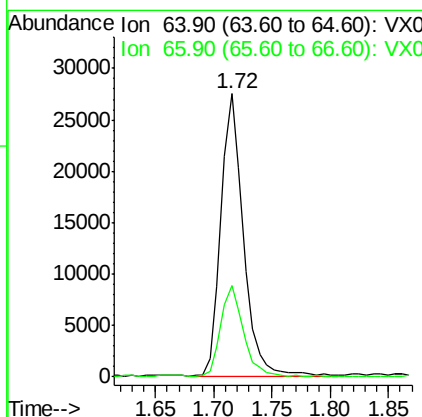
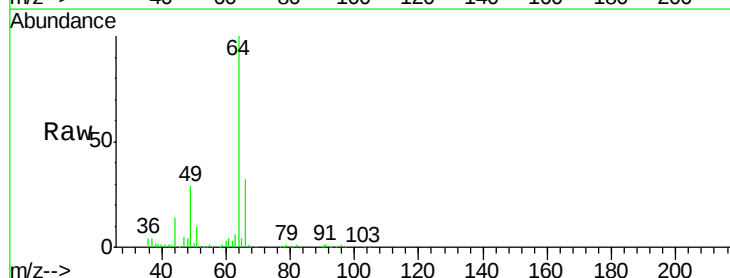
Acq: 05 Jun 2018 23:57

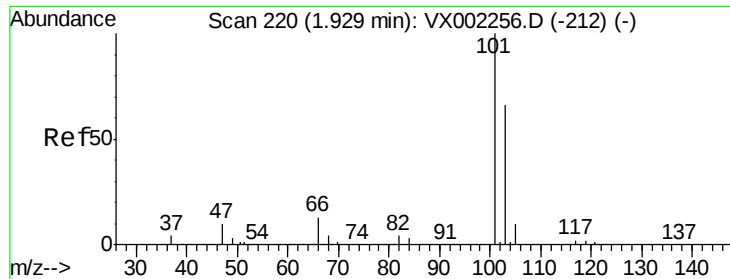
Tgt Ion: 64 Resp: 36759

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

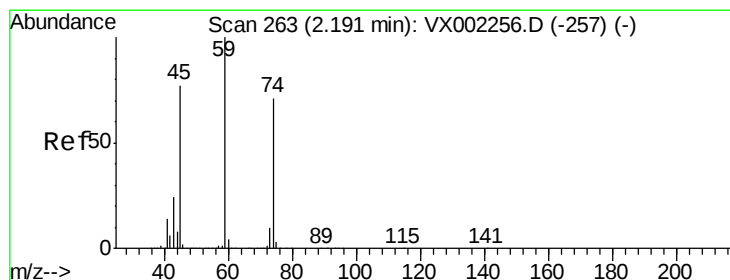
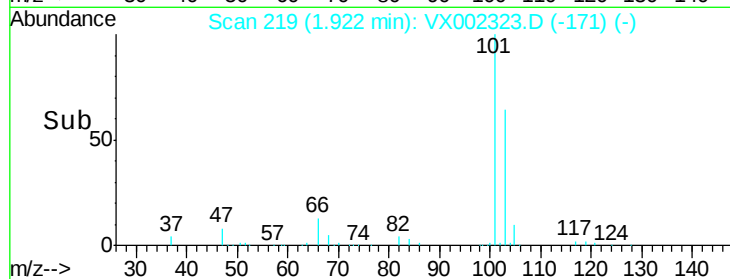
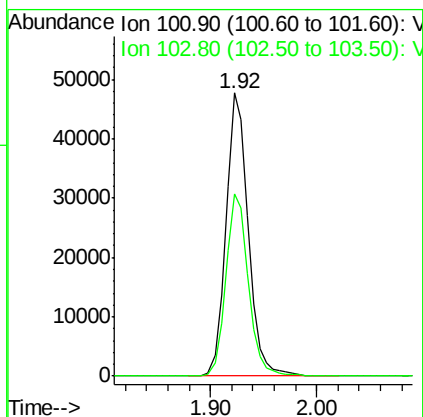
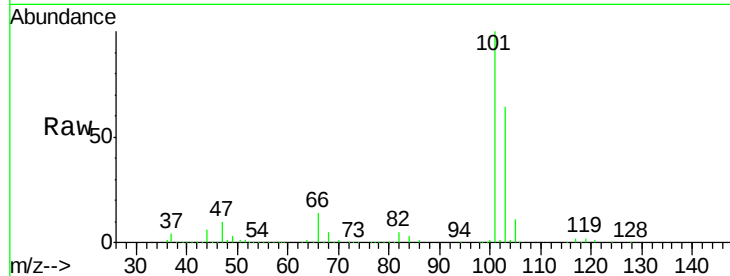
Trichlorofluoromethane  
 Concen: 17.848 ug/l  
 RT: 1.92 min Scan# 219  
 Delta R.T. -0.01 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 52.8  | 79.2  |

Manual Integrations  
 APPROVED

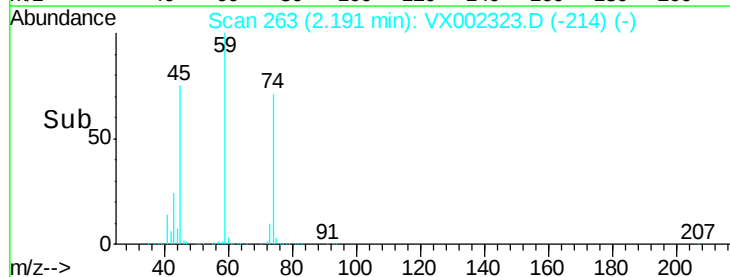
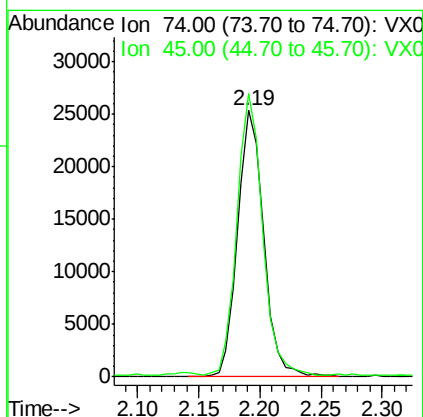
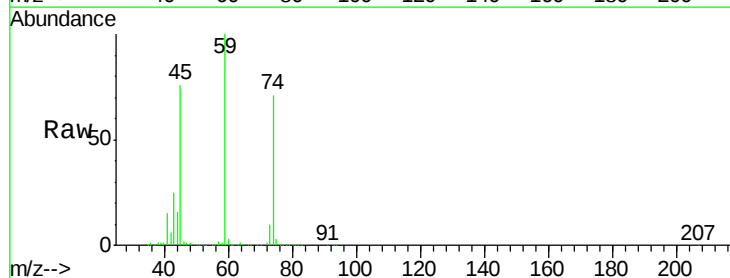
MMDadoda  
 6/6/2018 4:10:45 PM



#8

Diethyl Ether  
 Concen: 25.619 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 102.8 | 53.1  | 159.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.930 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion:101 Resp: 33589

Ion Ratio Lower Upper

101 100

85 46.1 36.0 54.0

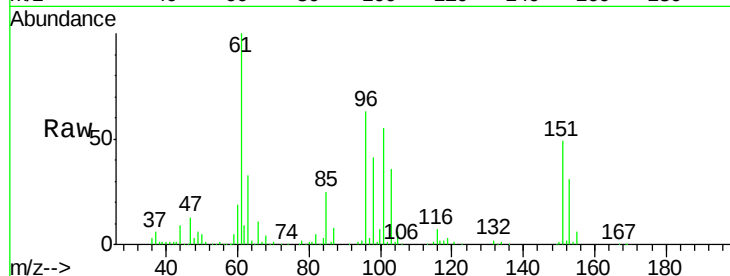
151 89.7 70.9 106.3

Manual Integrations

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MMDadoda

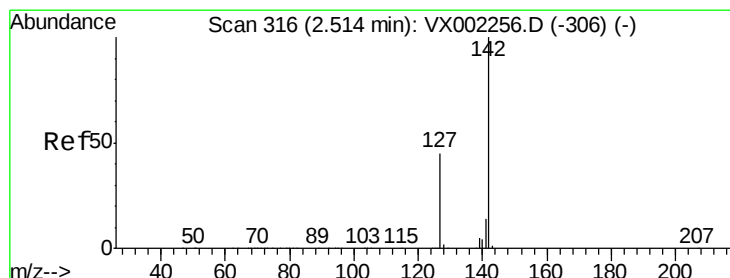
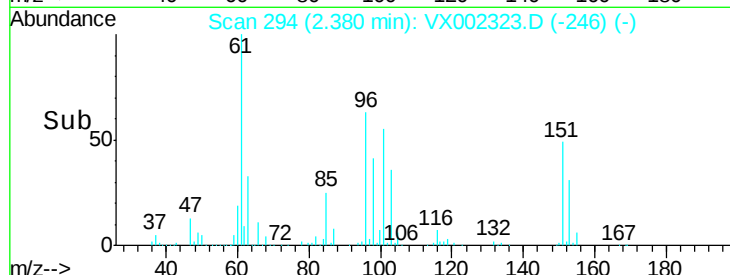
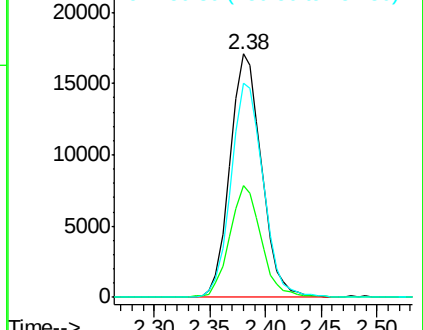
6/6/2018 4:10:45 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.025 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

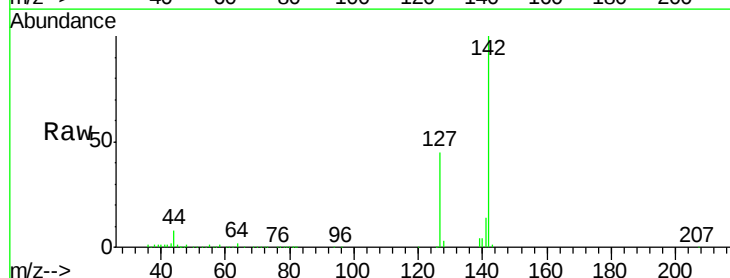
Tgt Ion:142 Resp: 59389

Ion Ratio Lower Upper

142 100

127 45.8 36.6 55.0

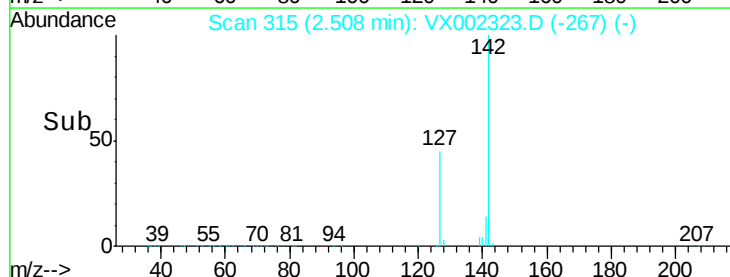
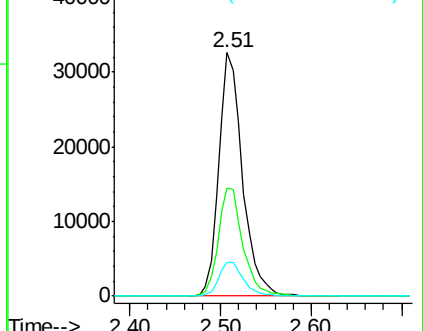
141 14.5 11.3 16.9

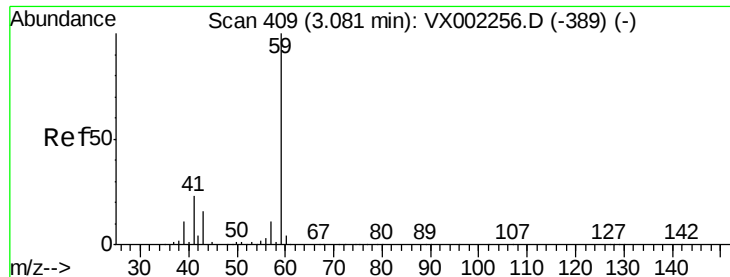


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

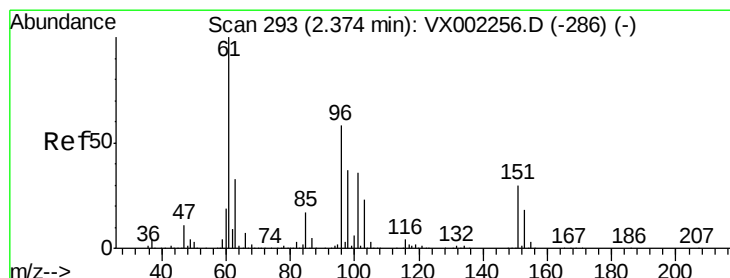
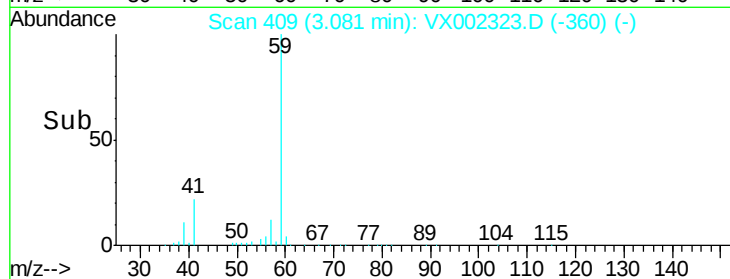
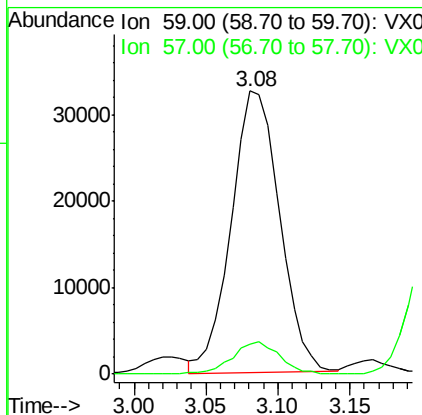
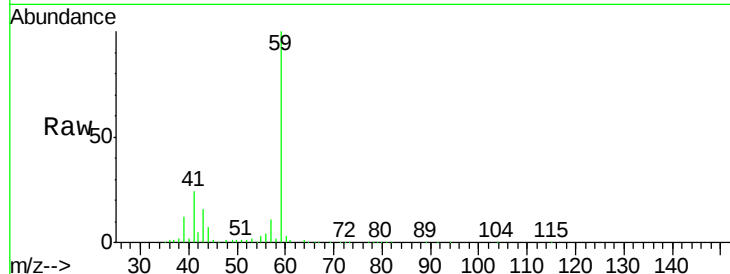
Tert butyl alcohol  
 Concen: 123.018 ug/l  
 RT: 3.08 min Scan# 409  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0605WBS02

| Tot Ion | 59 | 57 | Ratio | 100 | 11.4 | Resp: | 76336 | Lower | 8.2 | Upper | 12.2 |
|---------|----|----|-------|-----|------|-------|-------|-------|-----|-------|------|
| Ion     | 59 | 57 | Ratio | 100 | 11.4 | Resp: | 76336 | Lower | 8.2 | Upper | 12.2 |

Manual Integrations  
 APPROVED

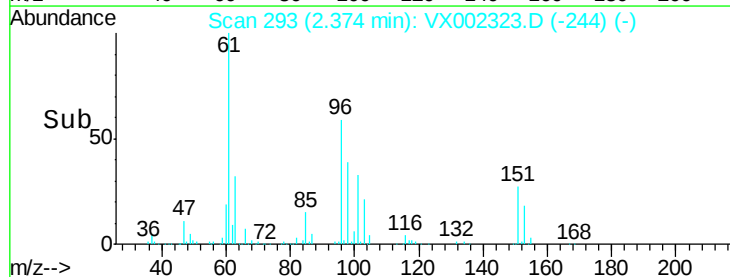
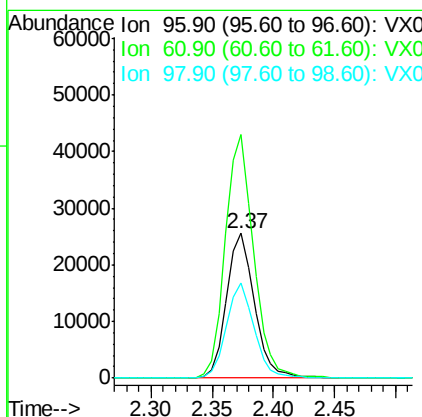
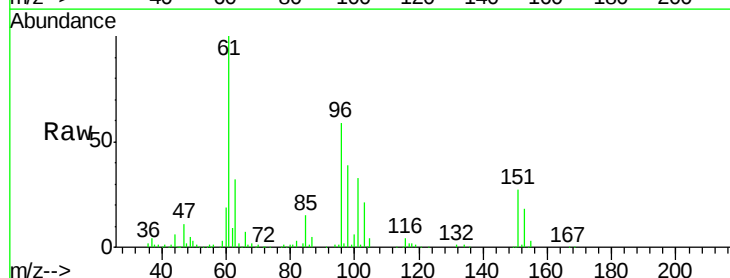
MMDadoda  
 6/6/2018 4:10:45 PM

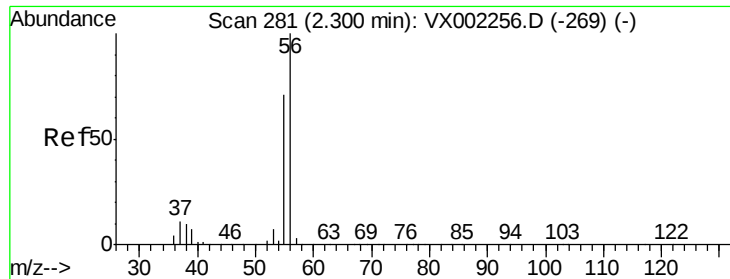


#12

1,1-Dichloroethene  
 Concen: 19.463 ug/l  
 RT: 2.37 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 168.3 | 65.4 | Resp: | 40555 | Lower | 137.9 | 51.6 | Upper | 206.9 | 77.4 |
|---------|----|----|----|-------|-----|-------|------|-------|-------|-------|-------|------|-------|-------|------|
| Ion     | 96 | 61 | 98 | Ratio | 100 | 168.3 | 65.4 | Resp: | 40555 | Lower | 137.9 | 51.6 | Upper | 206.9 | 77.4 |





#13

Acrolein

Concen: 119.965 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 56 Resp: 34751

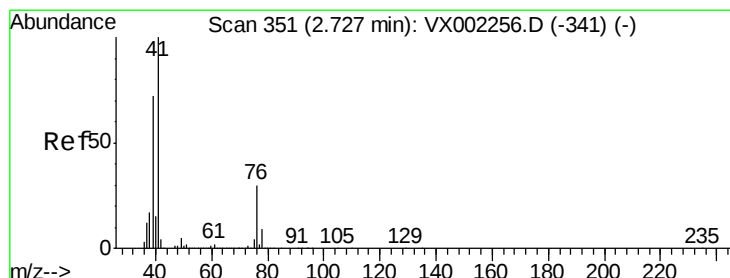
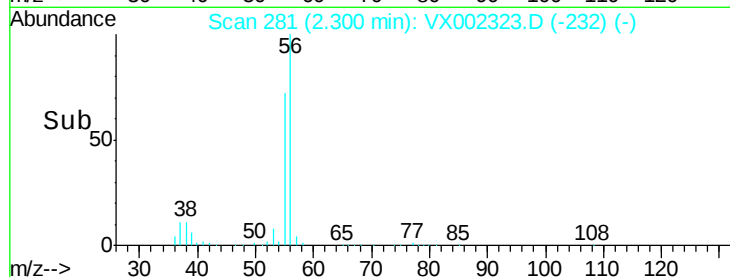
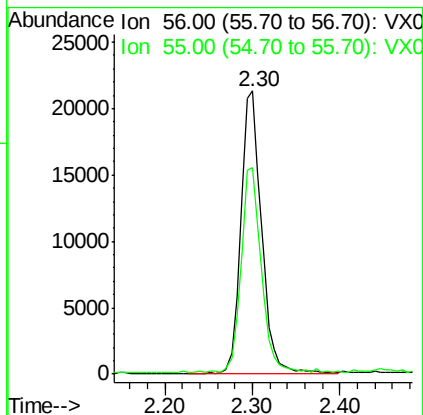
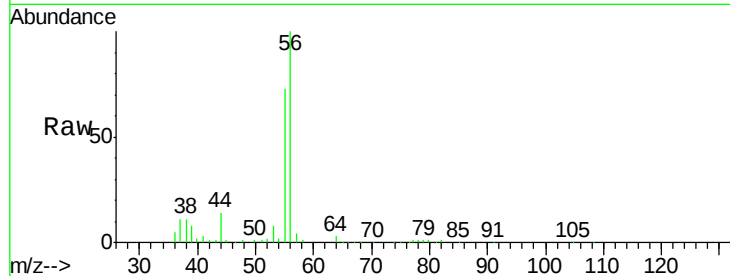
Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4

Manual Integrations  
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MMDadoda  
6/6/2018 4:10:45 PM



#14

Allyl chloride

Concen: 20.176 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

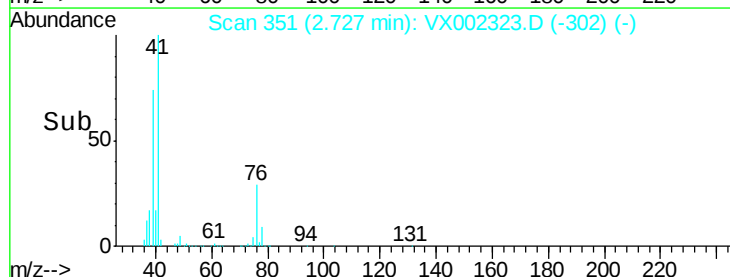
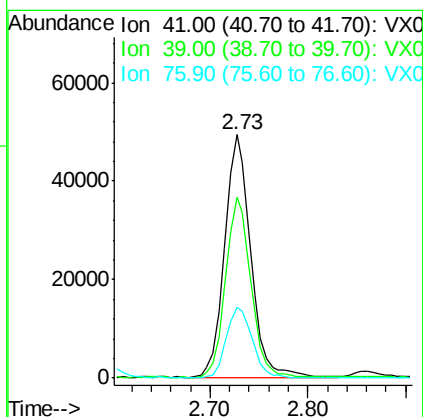
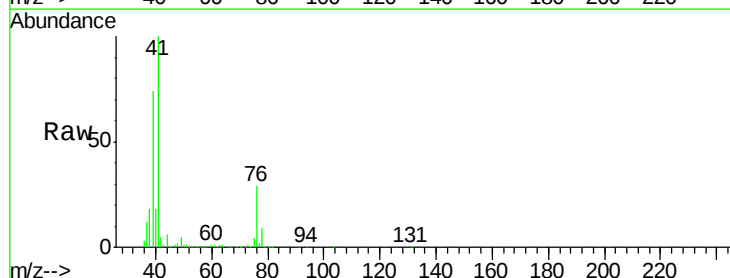
Tgt Ion: 41 Resp: 91236

Ion Ratio Lower Upper

41 100

39 71.8 56.8 85.2

76 29.5 23.8 35.8





#15

Acrylonitrile

Concen: 131.547 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

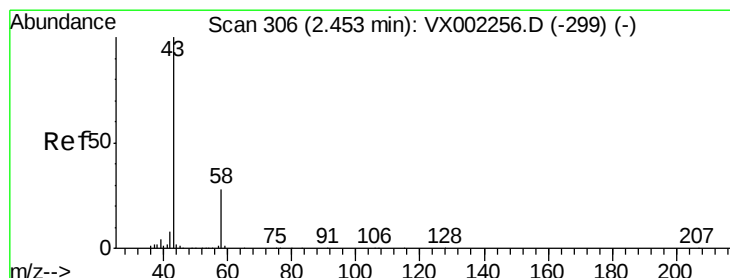
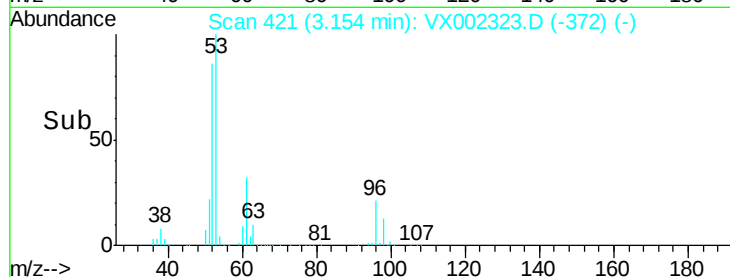
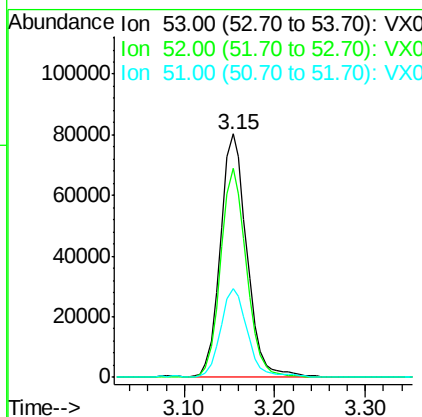
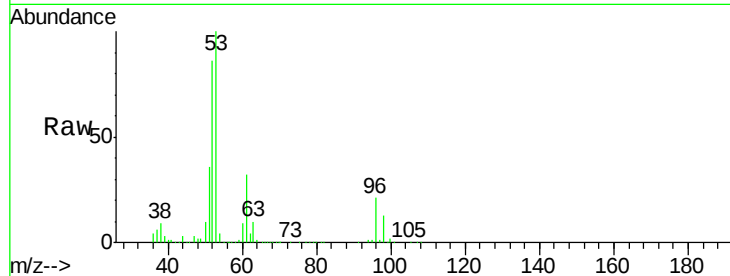
ClientSampleId :

VX0605WBS02

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 162175 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.9 | 66.7  | 100.1  |
| 51        | 37.6 | 29.9  | 44.9   |

Manual Integrations  
APPROVED

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6/6/2018 4:10:45 PM



#16

Acetone

Concen: 118.070 ug/l

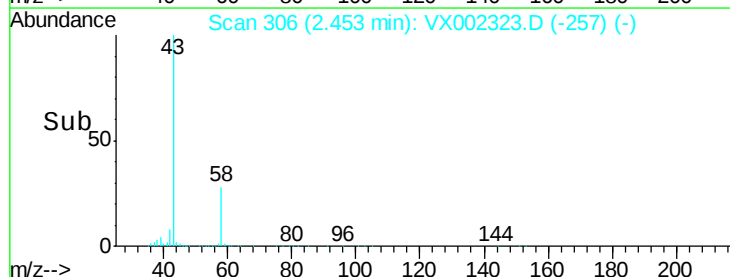
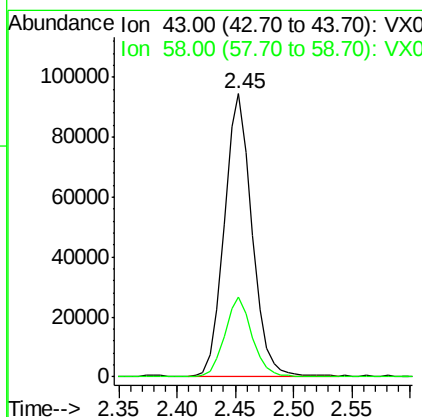
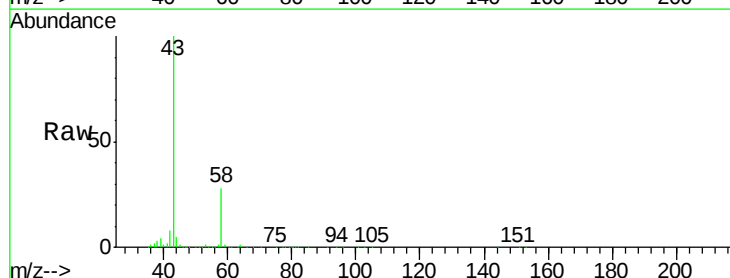
RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 154311 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 28.3 | 22.1  | 33.1   |





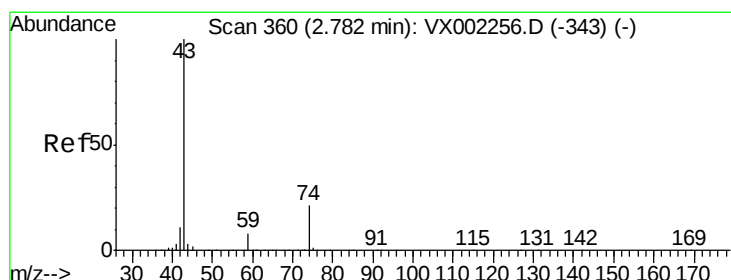
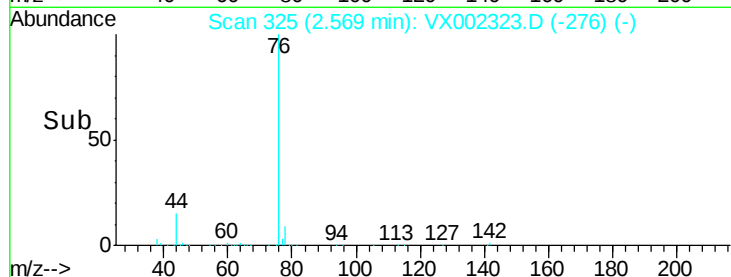
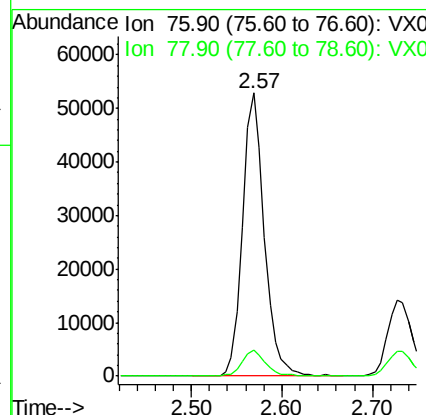
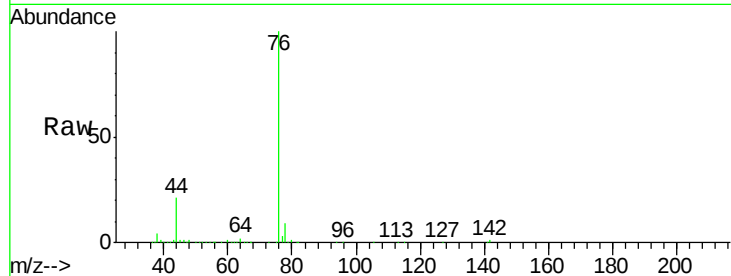
#17  
Carbon Disulfide  
Concen: 16.036 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 6.9   | 10.3  |

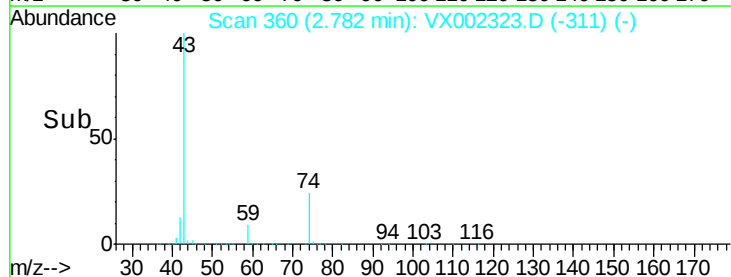
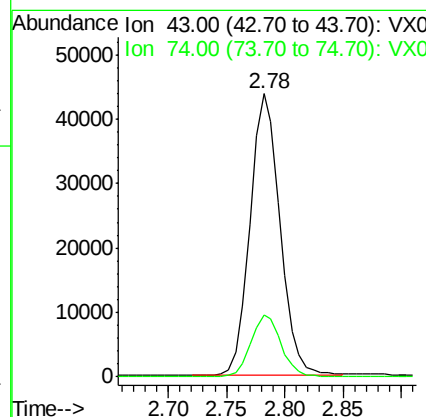
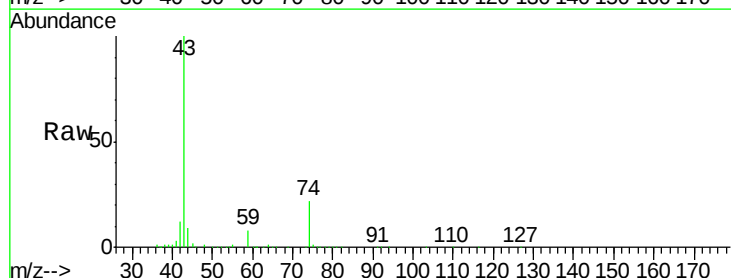
Manual Integrations  
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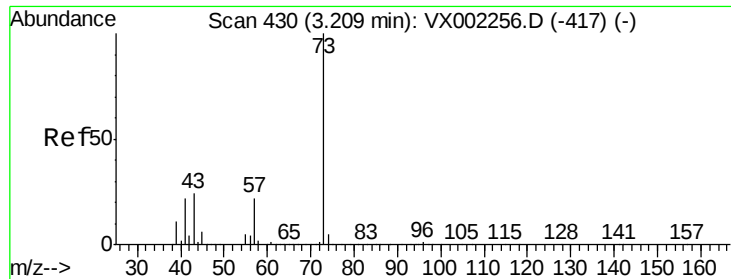
MMDadoda  
6/6/2018 4:10:45 PM



#18  
Methyl Acetate  
Concen: 26.935 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.3  | 16.7  | 25.1  |





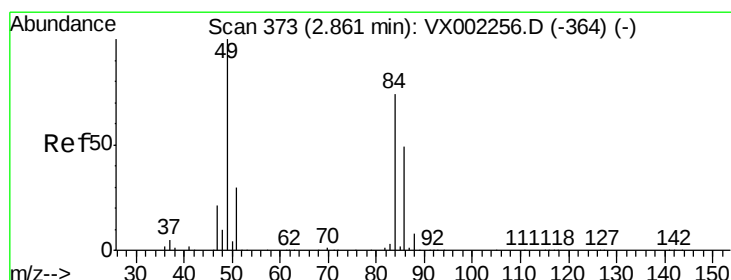
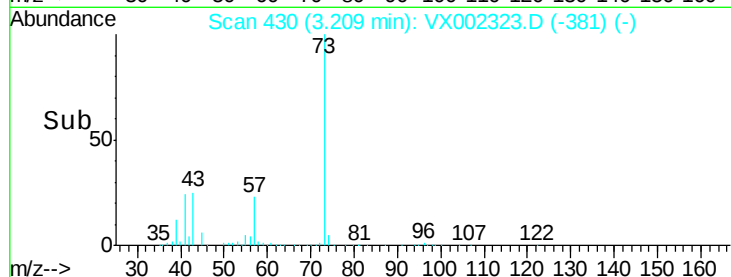
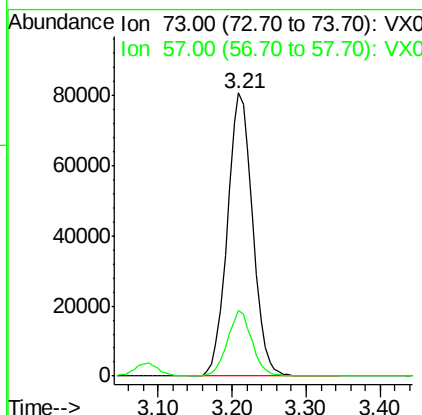
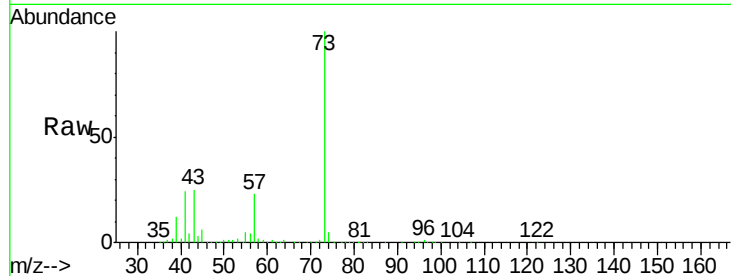
#19  
Methvl tert-butvl Ether  
Concen: 25.202 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

Tot Ion: 73 Resp: 191476  
Ion Ratio Lower Upper  
73 100  
57 23.0 17.7 26.5

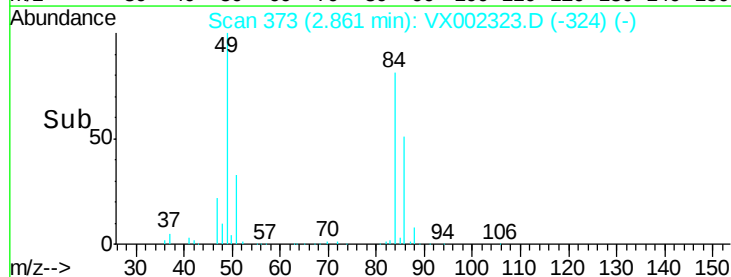
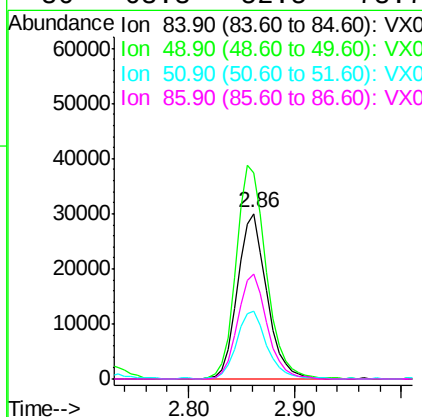
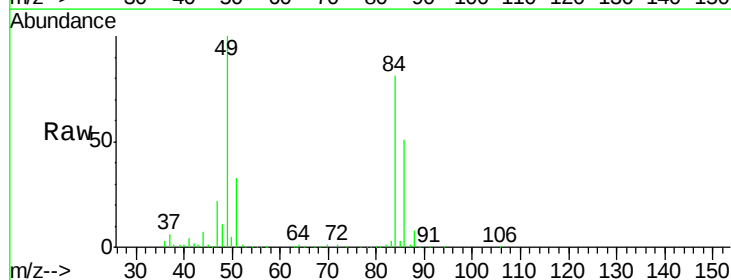
Manual Integrations  
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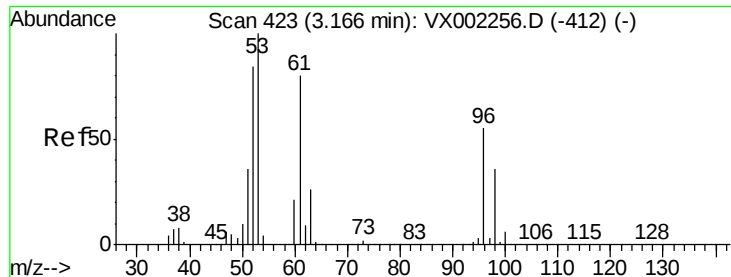
MMDadoda  
6/6/2018 4:10:45 PM



#20  
Methylene Chloride  
Concen: 24.950 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Tgt Ion: 84 Resp: 58283  
Ion Ratio Lower Upper  
84 100  
49 124.1 107.8 161.6  
51 40.4 32.8 49.2  
86 63.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.901 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 96 Resp: 48028

Ion Ratio Lower Upper

96 100

61 146.7 117.0 175.4

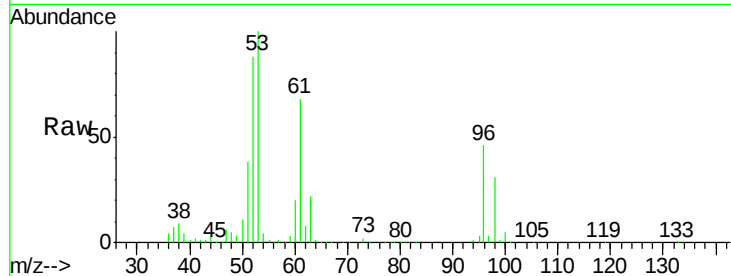
98 66.2 52.4 78.6

Manual Integrations

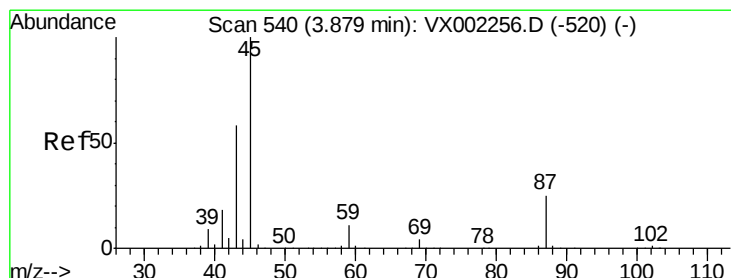
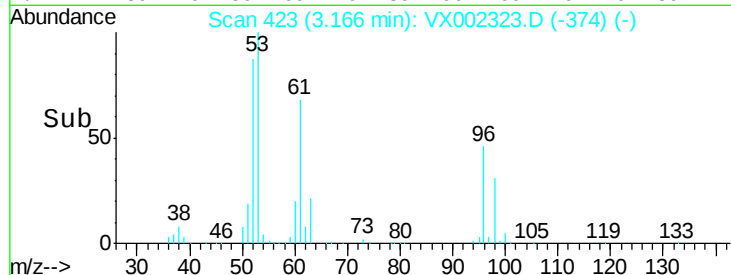
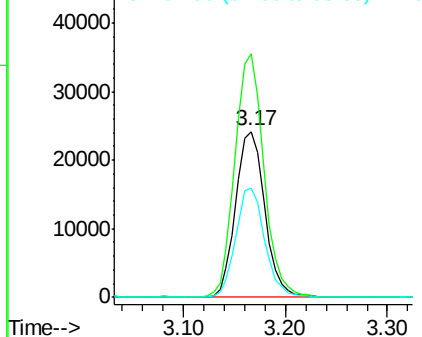
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MMDadoda

6/6/2018 4:10:45 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.026 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Tgt Ion: 45 Resp: 172683

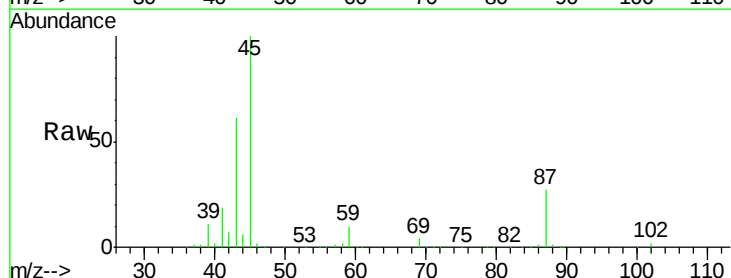
Ion Ratio Lower Upper

45 100

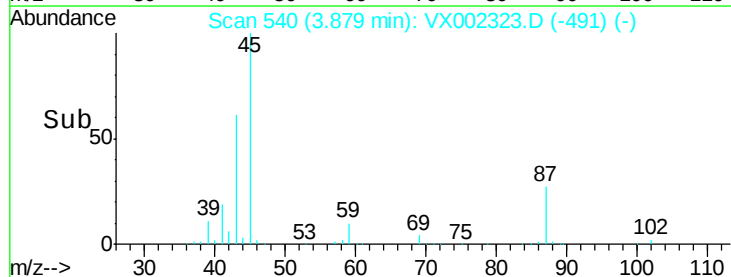
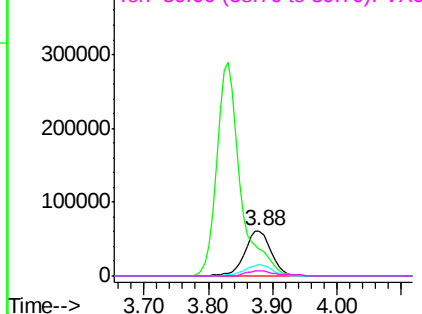
43 60.5 46.8 70.2

87 27.0 20.2 30.4

59 10.3 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.733 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 43 Resp: 745778

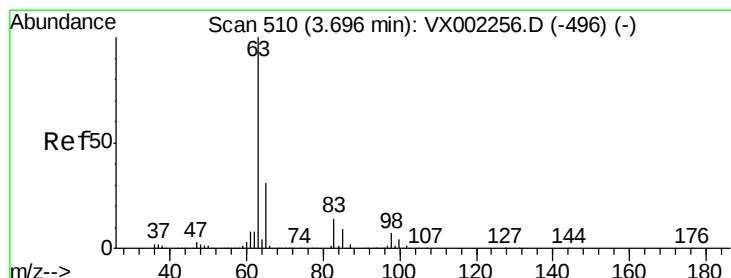
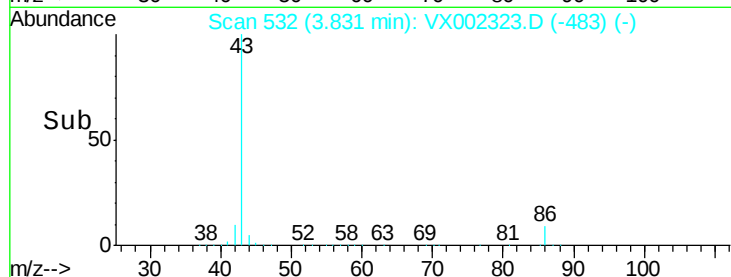
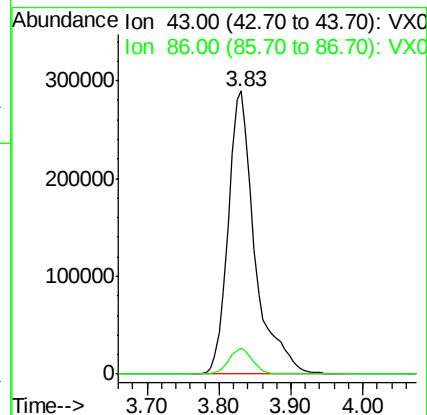
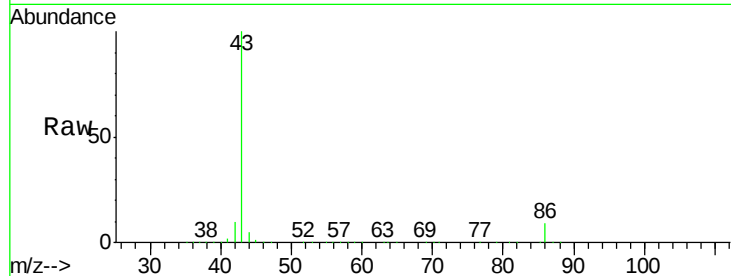
Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0

Manual Integrations  
APPROVED

MMDadoda  
6/6/2018 4:10:45 PM



#24

1,1-Dichloroethane

Concen: 22.763 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

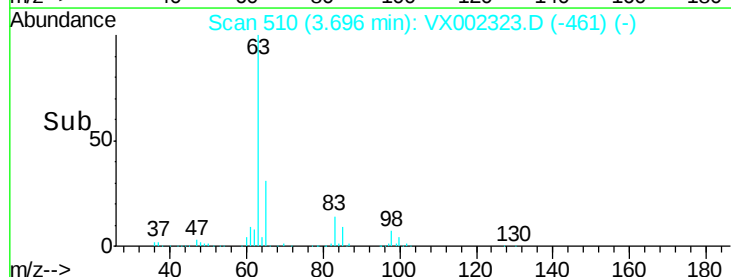
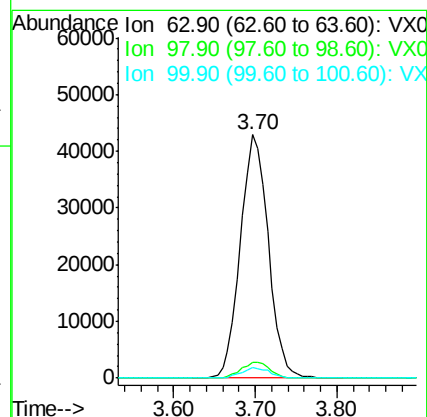
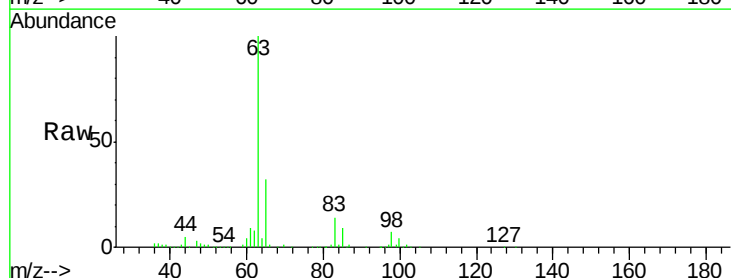
Tgt Ion: 63 Resp: 101736

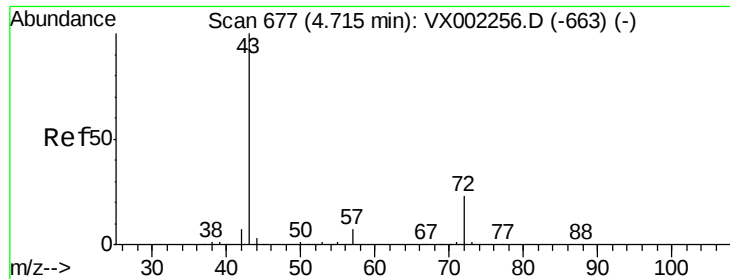
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 108.362 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 43 Resp: 207966

Ion Ratio Lower Upper

43 100

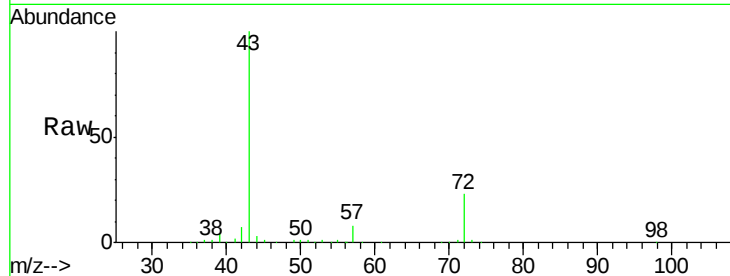
72 23.1 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

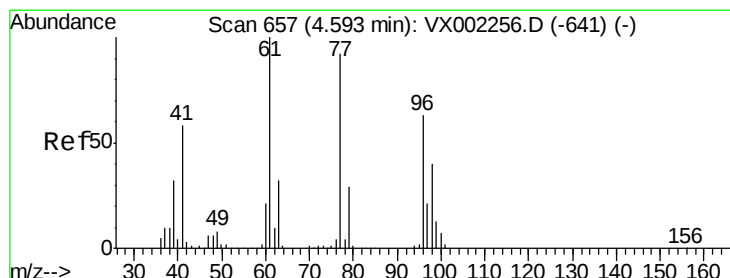
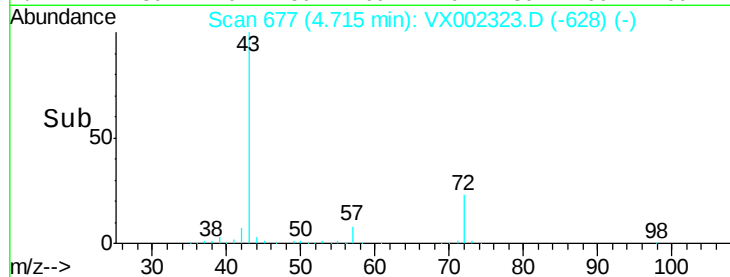
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 14.134 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002323.D

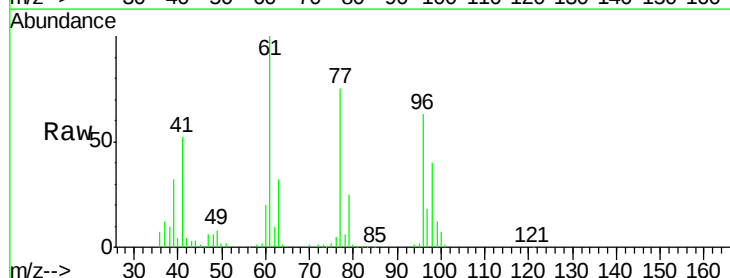
Acq: 05 Jun 2018 23:57

Tgt Ion: 77 Resp: 49381

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

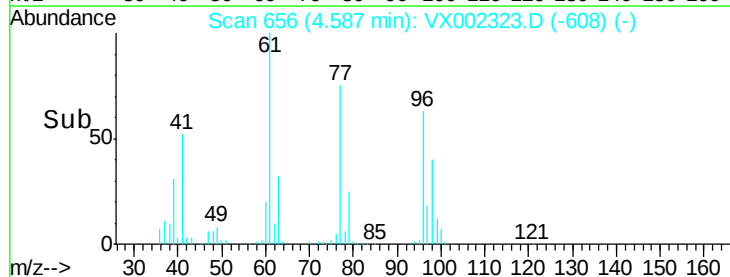
10000

5000

0

4.50 4.60 4.70

Time-->





#27

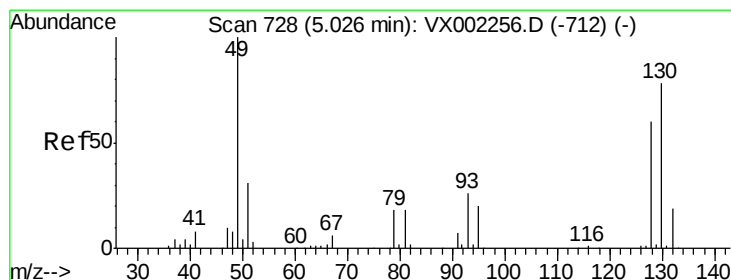
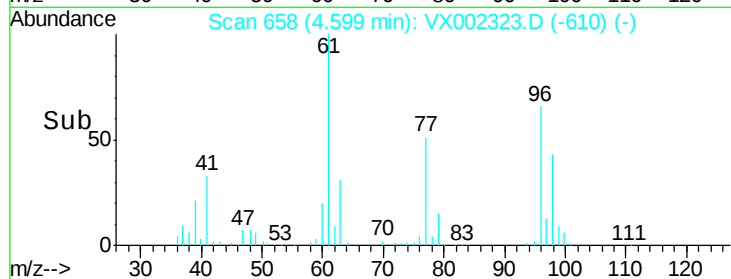
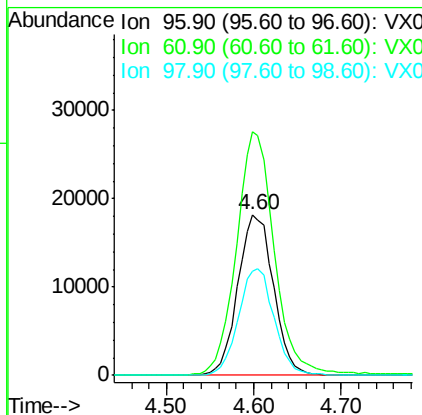
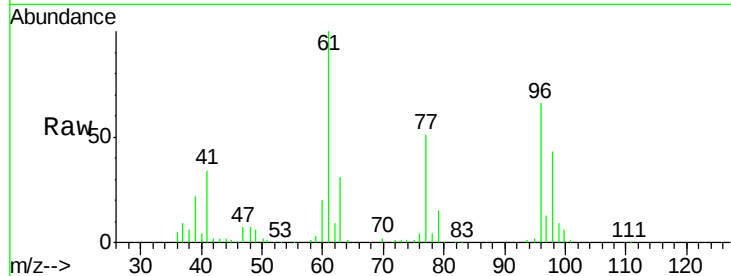
cis-1,2-Dichloroethene  
Concen: 20.674 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.9 | 0.0   | 330.2 |
| 98      | 66.2  | 0.0   | 130.2 |

Manual Integrations  
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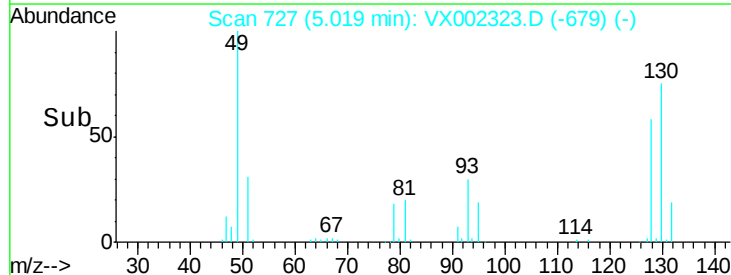
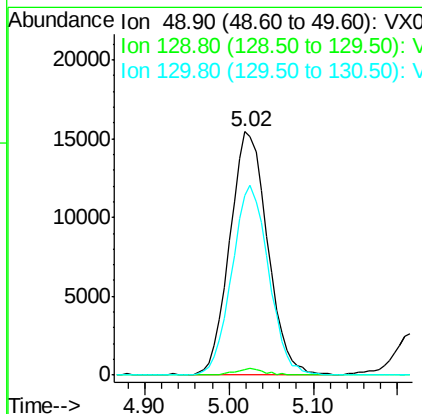
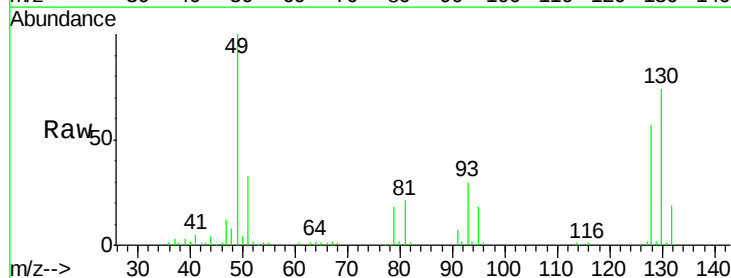
MMDadoda  
6/6/2018 4:10:45 PM

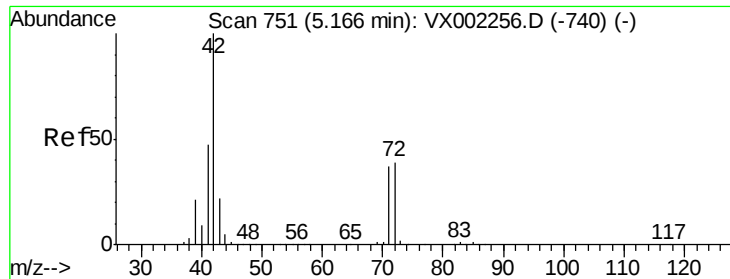


#28

Bromochloromethane  
Concen: 22.786 ug/l  
RT: 5.02 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 4.2   |
| 130     | 75.7  | 61.2  | 91.8  |





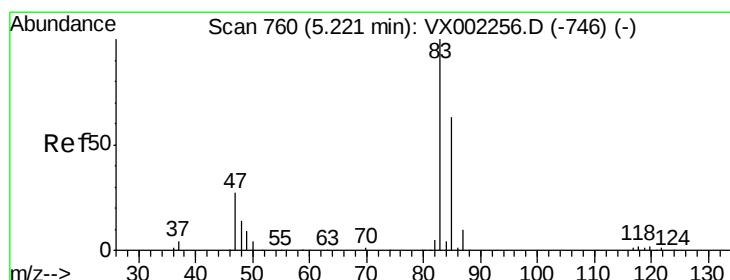
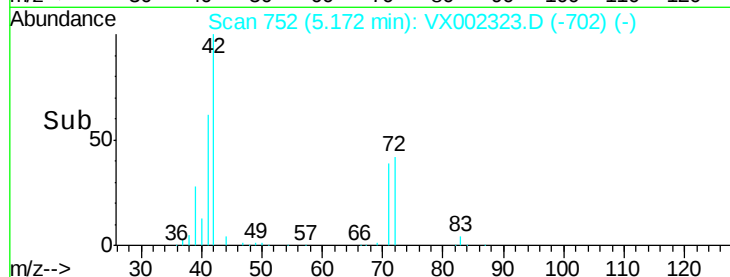
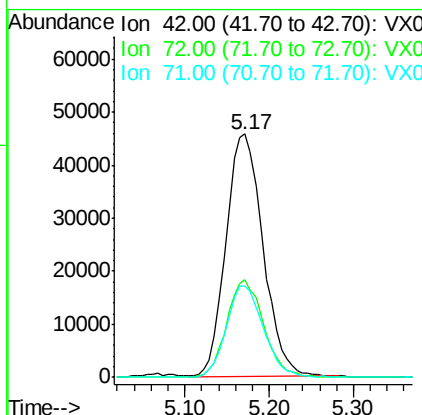
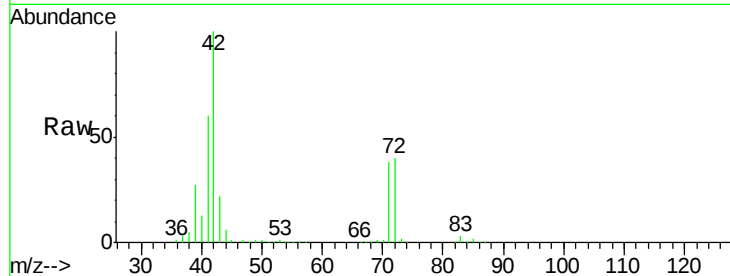
#29  
Tetrahydrofuran  
Concen: 110.489 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. 0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.2  | 32.0  | 48.0  |
| 71      | 38.0  | 30.1  | 45.1  |

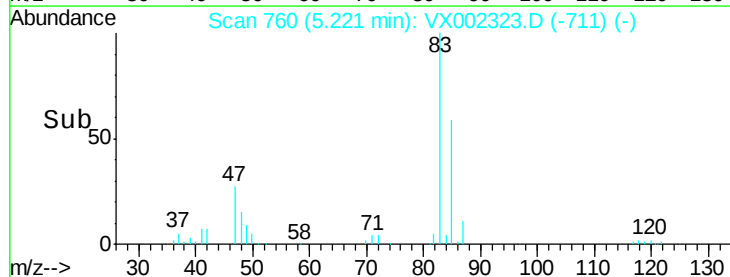
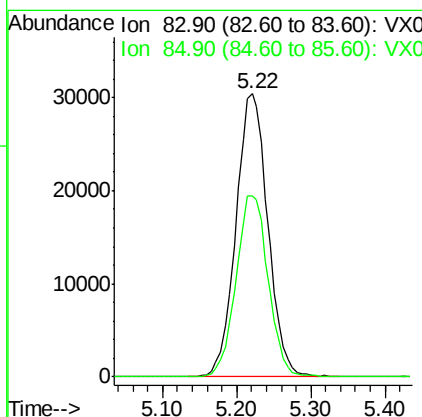
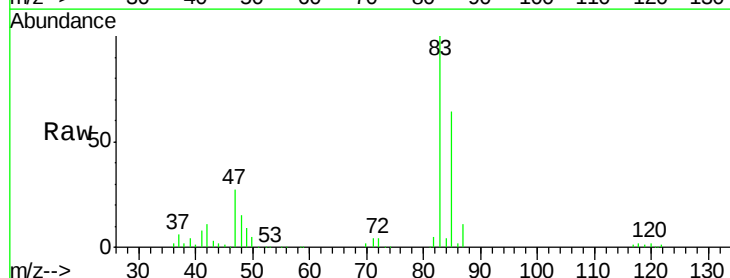
Manual Integrations  
APPROVED

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6/6/2018 4:10:45 PM



#30  
Chloroform  
Concen: 21.167 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 14.533 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

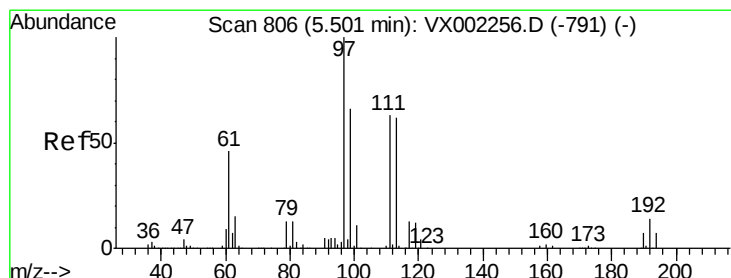
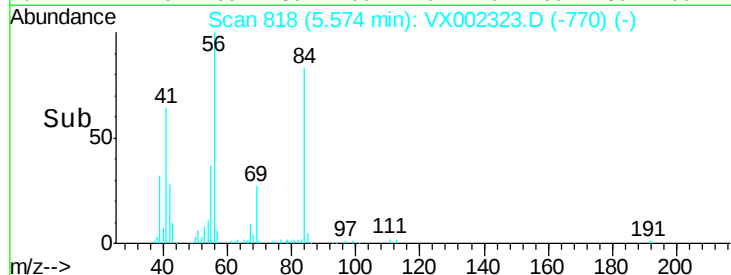
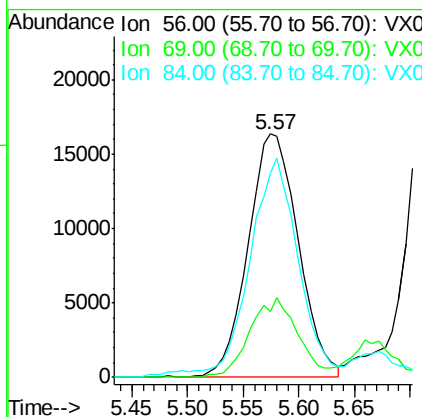
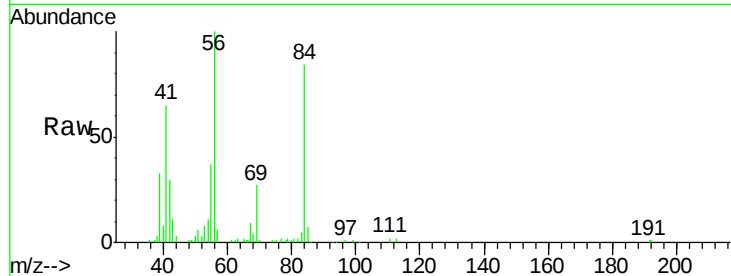
ClientSampleId :

VX0605WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 51361 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 26.9  | 23.7  | 35.5  |
| 84        | 81.2  | 64.1  | 96.1  |

Manual Integrations  
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6/6/2018 4:10:45 PM



#32

1,1,1-Trichloroethane

Concen: 18.756 ug/l

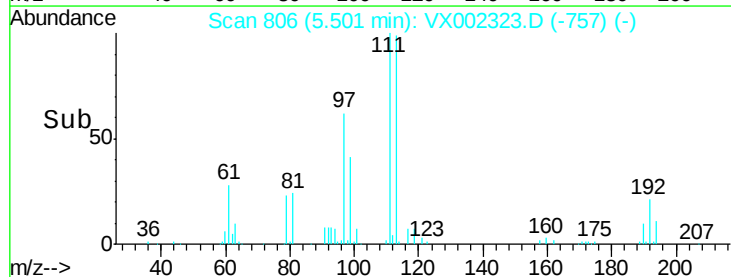
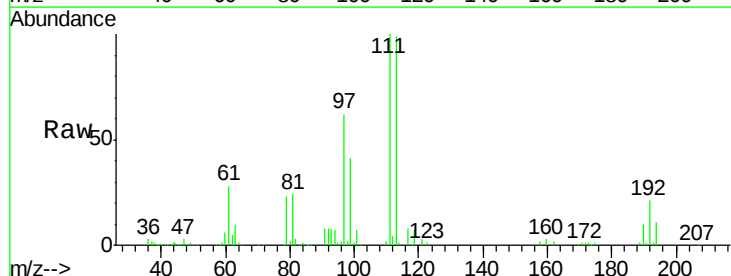
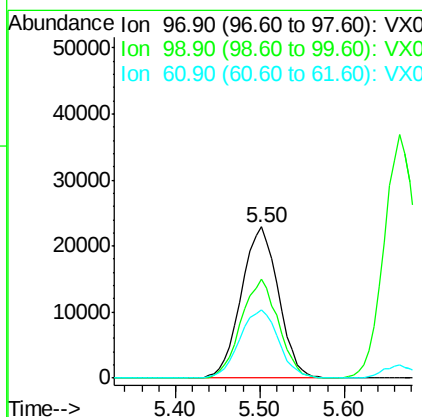
RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 68602 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 65.9  | 51.6  | 77.4  |
| 61        | 47.4  | 36.4  | 54.6  |





#33

1,2-Dichloroethane-d4

Concen: 55.643 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 65 Resp: 154653

Ion Ratio Lower Upper

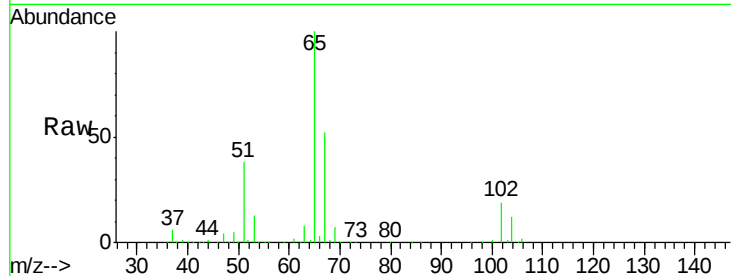
65 100

67 51.3 0.0 102.6

Manual Integrations  
APPROVED

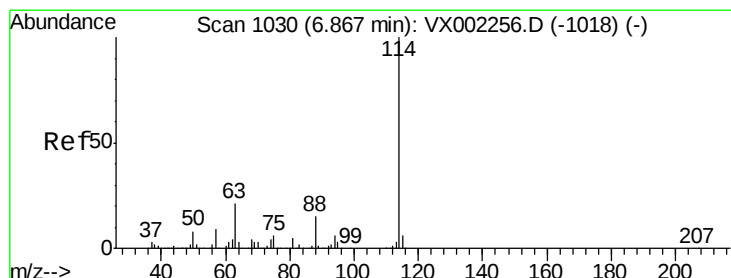
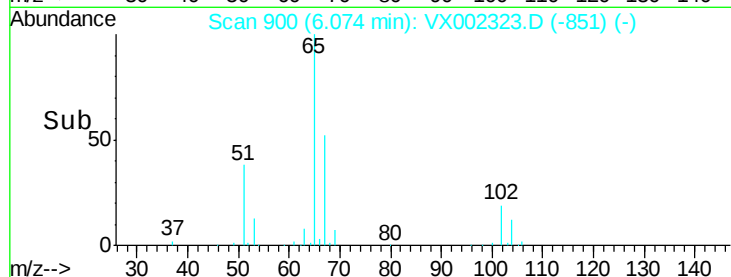
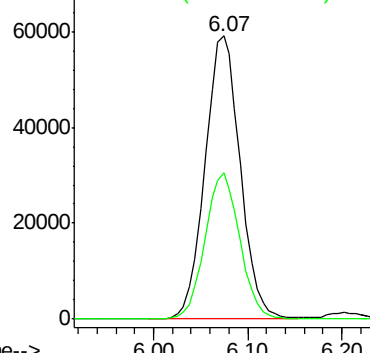
MMDadoda

6/6/2018 4:10:45 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

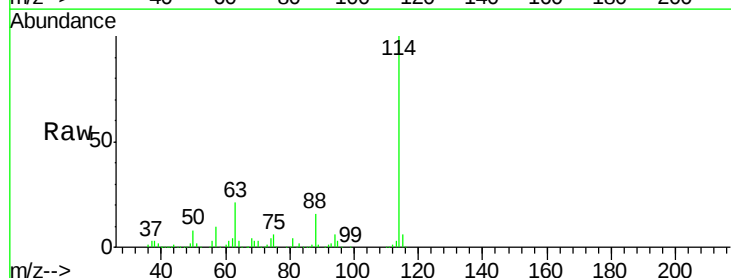
Tgt Ion: 114 Resp: 333482

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

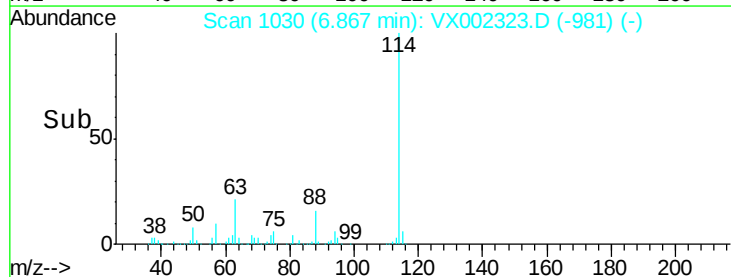
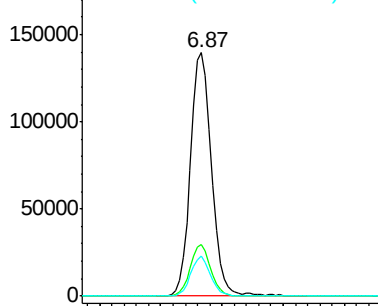
88 16.4 0.0 30.0

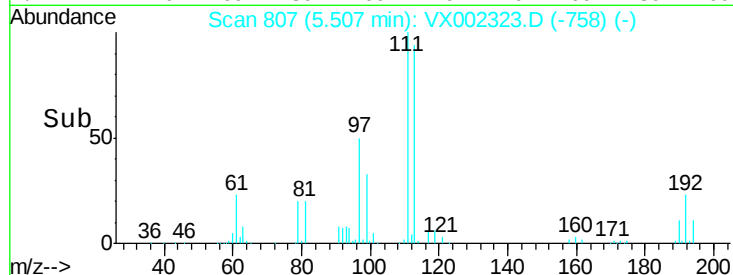
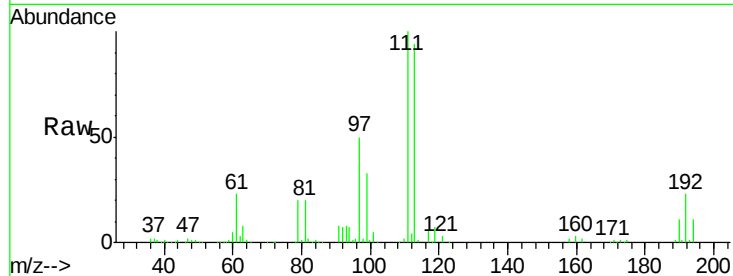


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





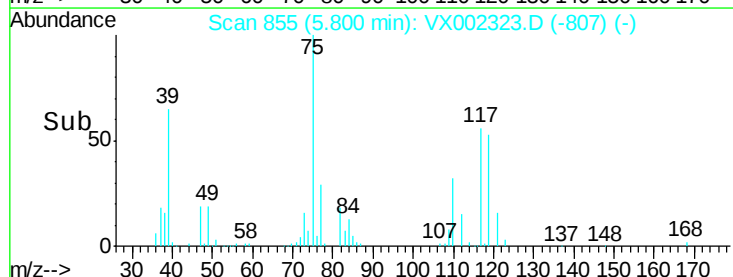
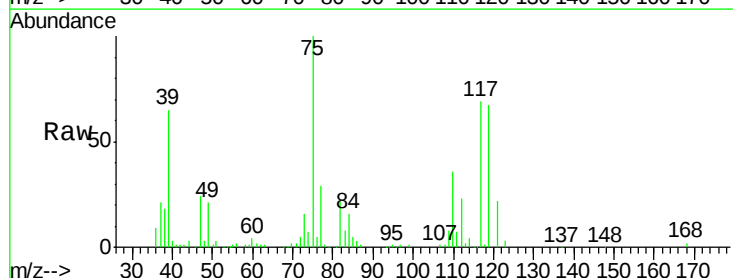
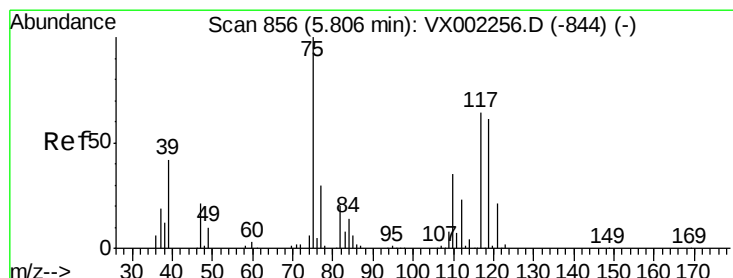
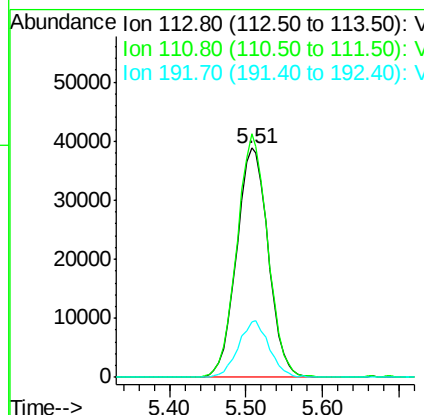
#35  
Dibromofluoromethane  
Concen: 42.557 ug/l  
RT: 5.51 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 103.2 | 81.4 | 122.0 |       |
| 192     | 23.9  | 19.1 | 28.7  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

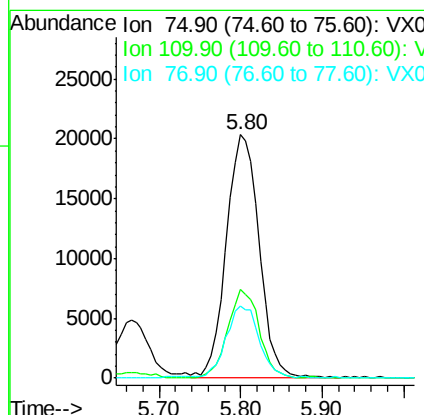
Manual Integrations  
APPROVED

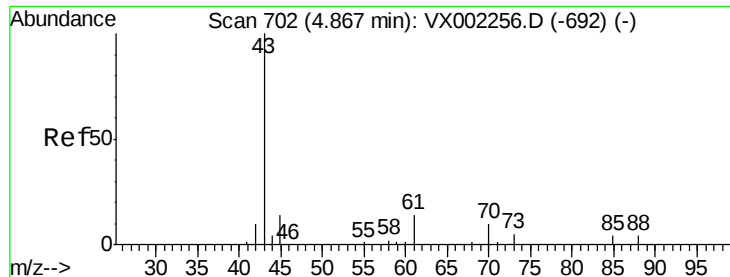
MMDadoda  
6/6/2018 4:10:45 PM



#36  
1,1-Dichloropropene  
Concen: 15.993 ug/l  
RT: 5.80 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 35.1  | 18.1 | 54.4  |       |
| 77      | 30.4  | 24.3 | 36.5  |       |





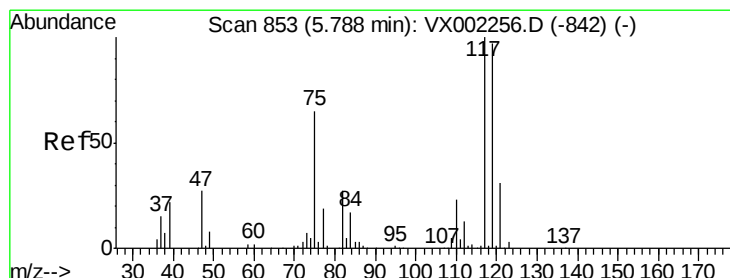
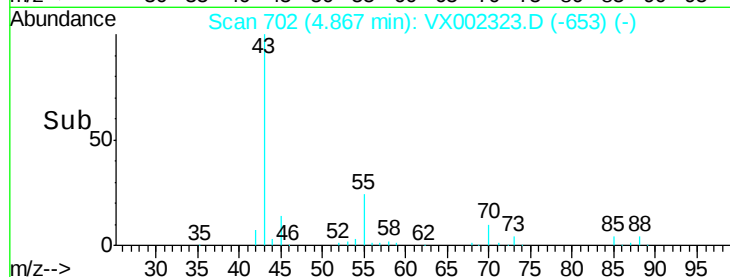
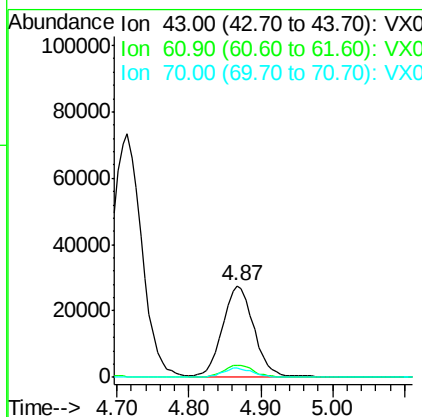
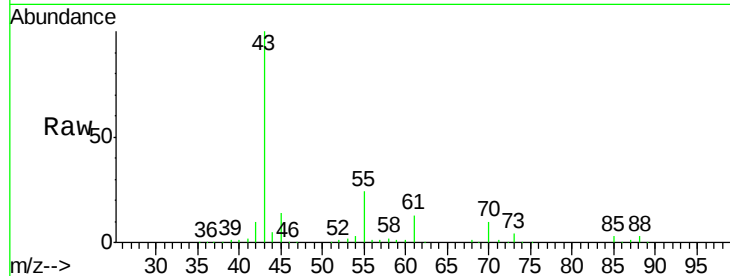
#37  
Ethyl Acetate  
Concen: 19.661 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.0  | 10.4  | 15.6  |
| 70      | 9.8   | 7.6   | 11.4  |

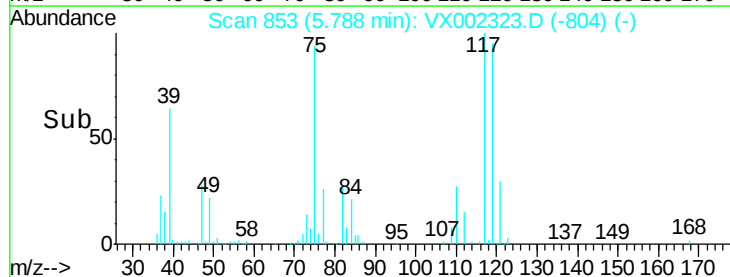
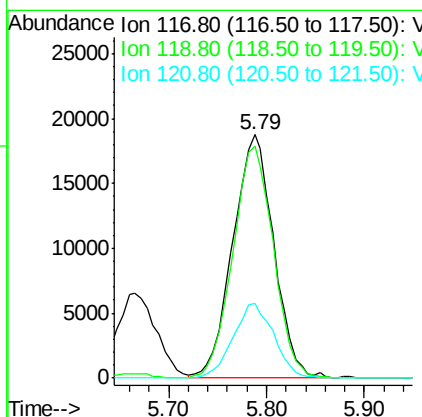
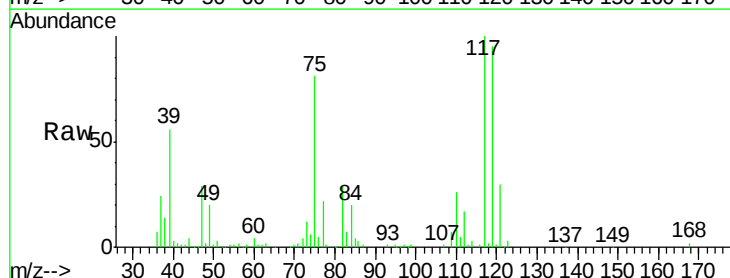
Manual Integrations  
APPROVED

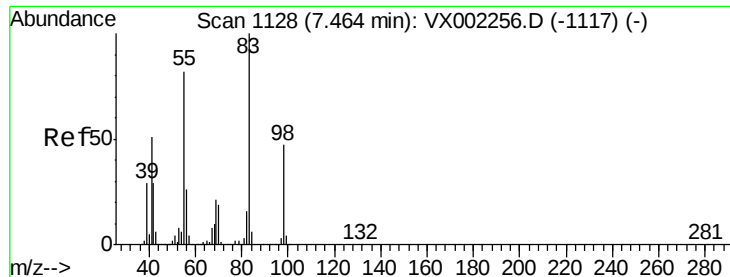
MMDadoda  
6/6/2018 4:10:45 PM



#38  
Carbon Tetrachloride  
Concen: 14.778 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.2  | 77.4  | 116.0 |
| 121     | 30.5  | 24.4  | 36.6  |





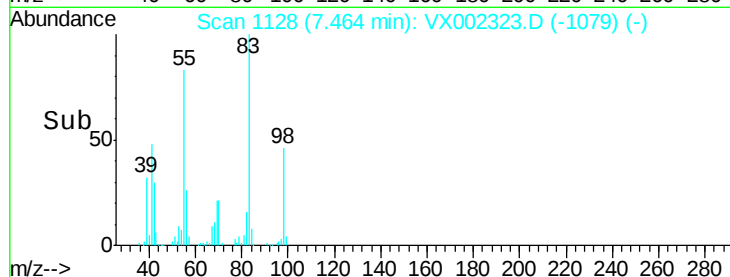
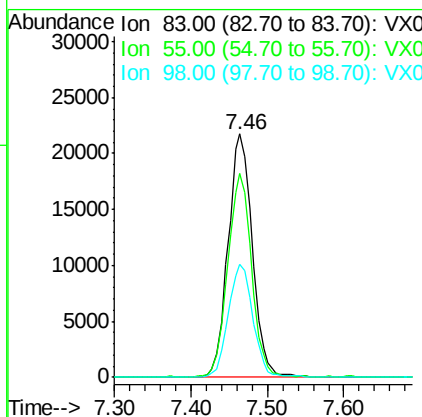
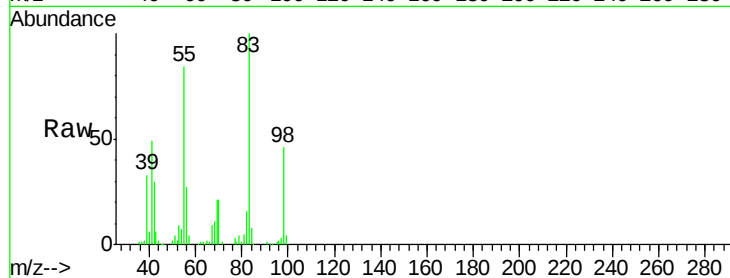
#39  
Methvlcvclohexane  
Concen: 11.247 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 83.6  | 65.4  | 98.0  |
| 98      | 46.4  | 37.4  | 56.0  |

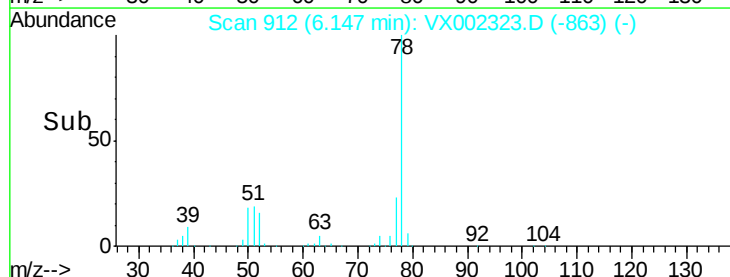
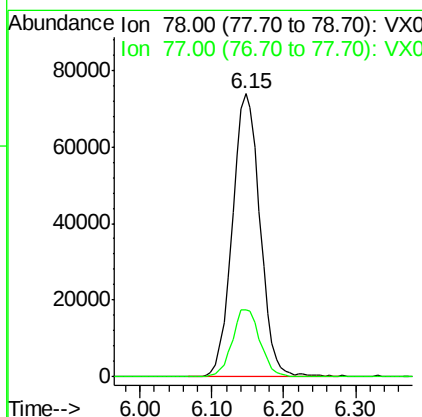
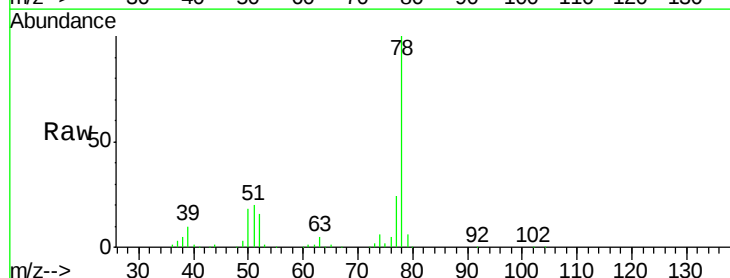
Manual Integrations  
APPROVED

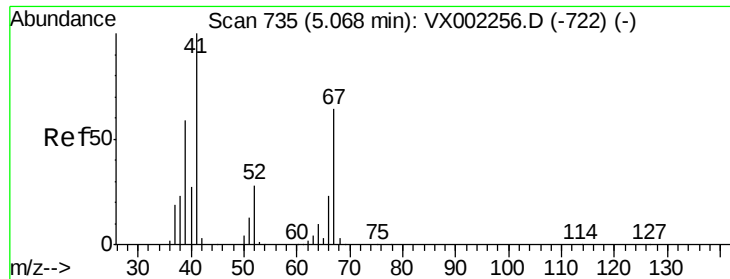
MMDadoda  
6/6/2018 4:10:45 PM



#40  
Benzene  
Concen: 18.341 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.1  | 28.7  |





#41

Methacrylonitrile

Concen: 19.008 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

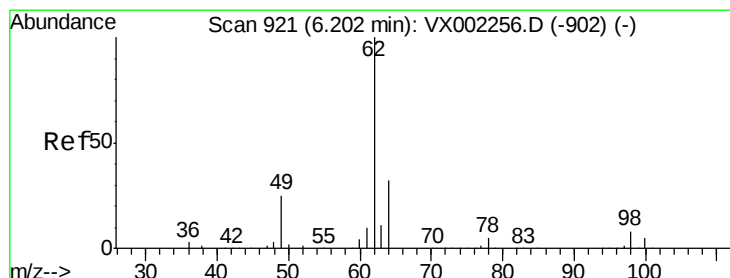
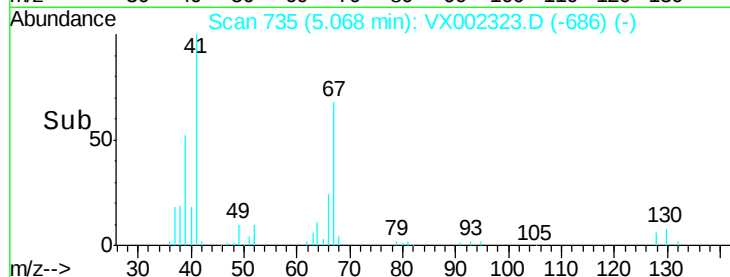
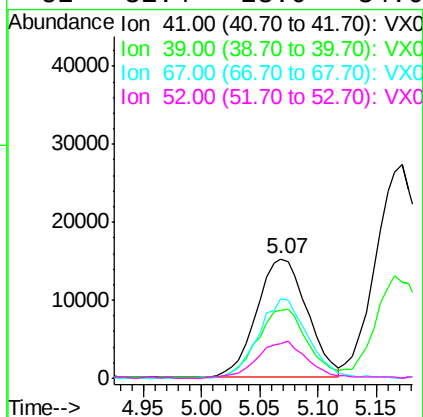
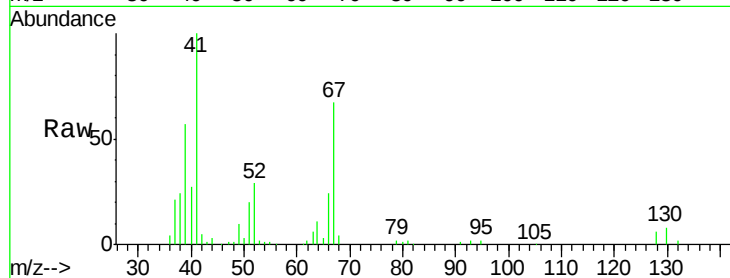
ClientSampleId :

VX0605WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 45877 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.5  | 45.8  | 68.6  |
| 67       | 65.6  | 51.3  | 76.9  |
| 52       | 31.4  | 23.0  | 34.6  |

Manual Integrations  
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MMDadoda  
6/6/2018 4:10:45 PM



#42

1,2-Dichloroethane

Concen: 19.659 ug/l

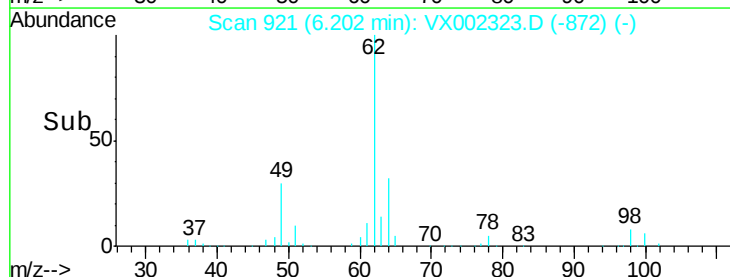
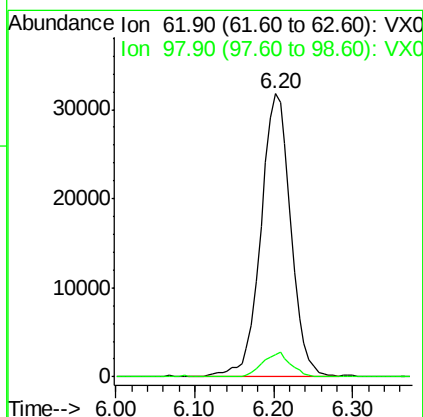
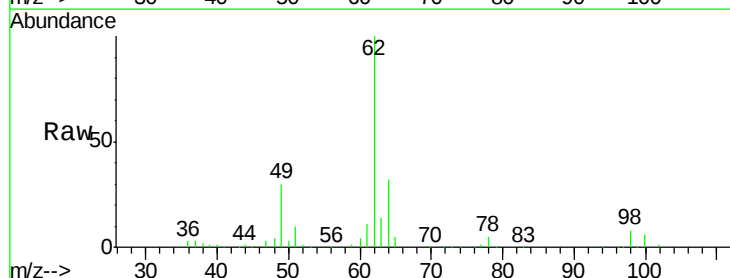
RT: 6.20 min Scan# 921

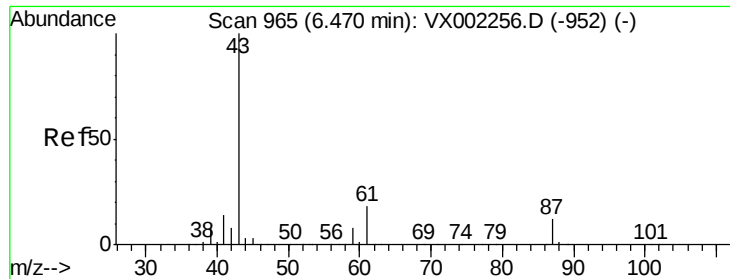
Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 83960 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.1   | 0.0   | 16.6  |





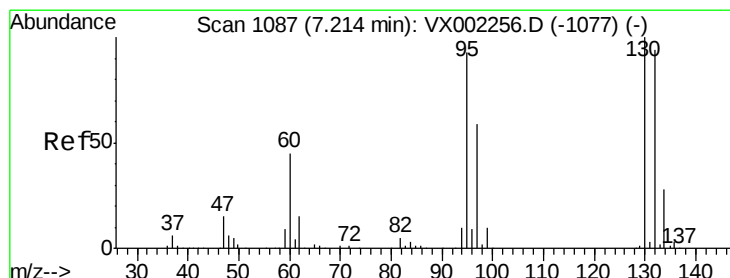
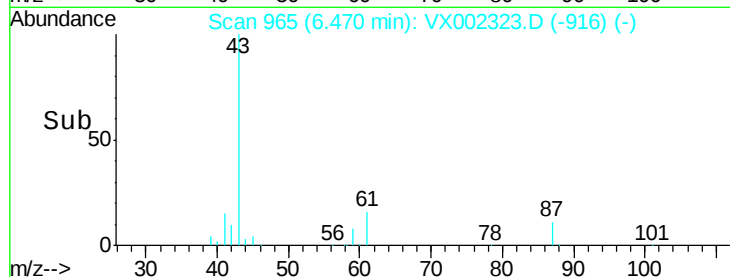
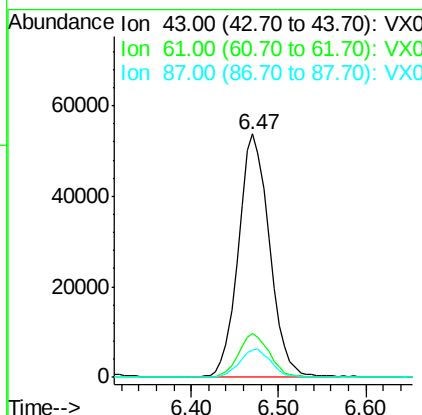
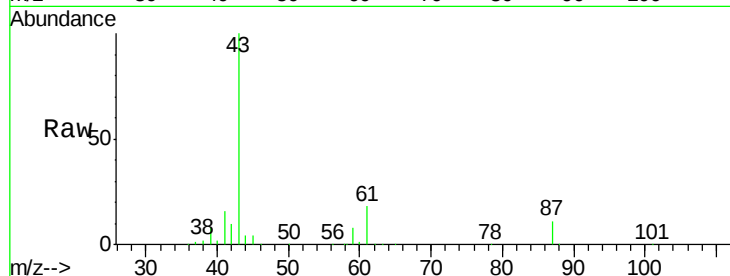
#43  
Isopropyl Acetate  
Concen: 18.404 ug/l  
RT: 6.47 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.2  | 14.4  | 21.6  |
| 87      | 11.8  | 9.5   | 14.3  |

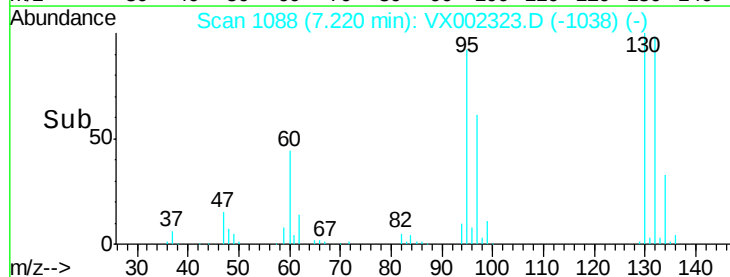
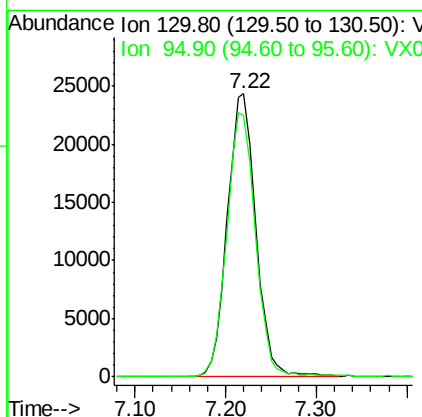
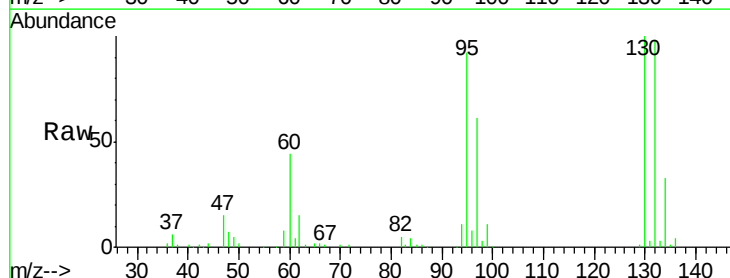
Manual Integrations  
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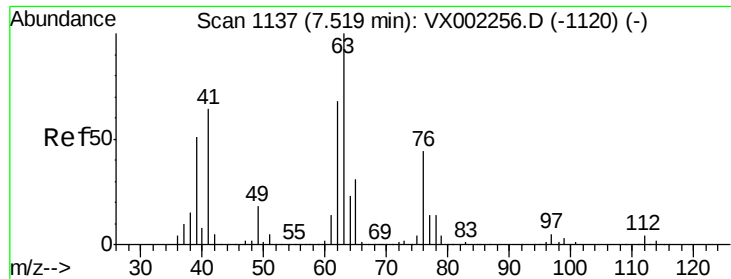
MMDadoda  
6/6/2018 4:10:45 PM



#44  
Trichloroethene  
Concen: 17.839 ug/l  
RT: 7.22 min Scan# 1088  
Delta R.T. 0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.3  | 0.0   | 185.4 |





#45

1,2-Dichloropropane

Concen: 18.573 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 63 Resp: 53900

Ion Ratio Lower Upper

63 100

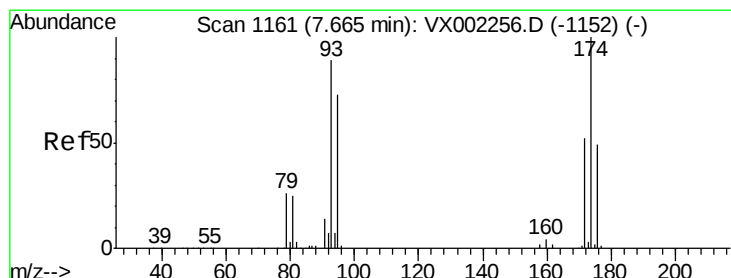
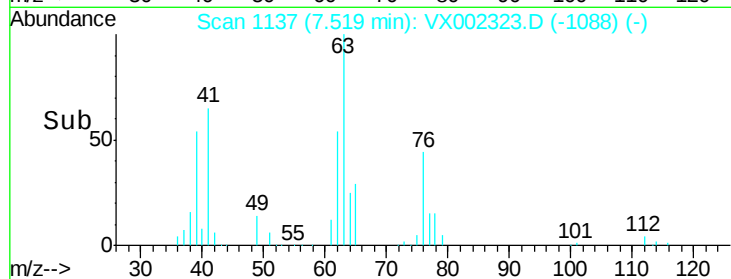
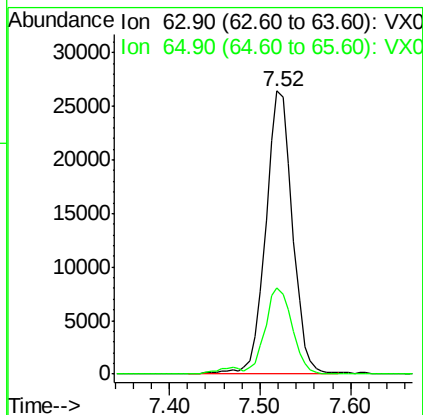
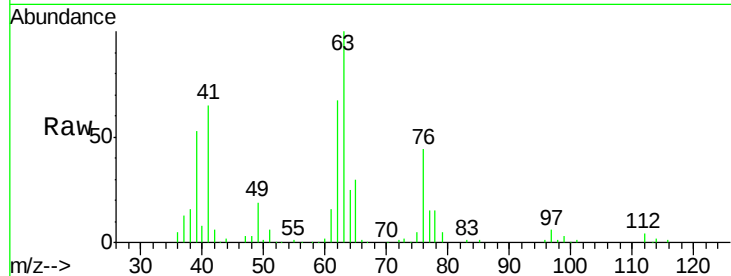
65 30.3 24.7 37.1

Manual Integrations

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MMDadoda

6/6/2018 4:10:45 PM



#46

Dibromomethane

Concen: 18.879 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

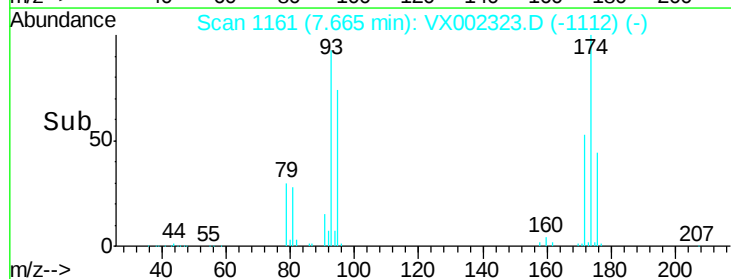
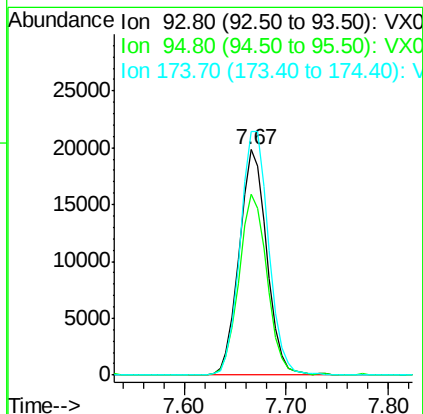
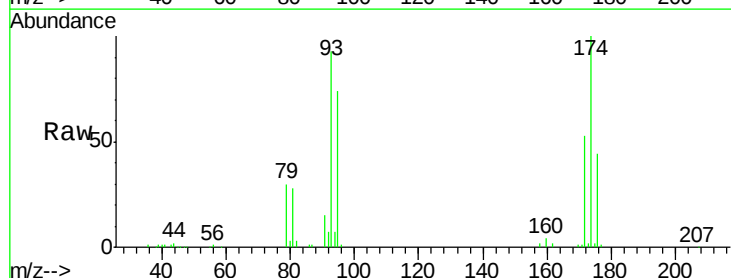
Tgt Ion: 93 Resp: 37141

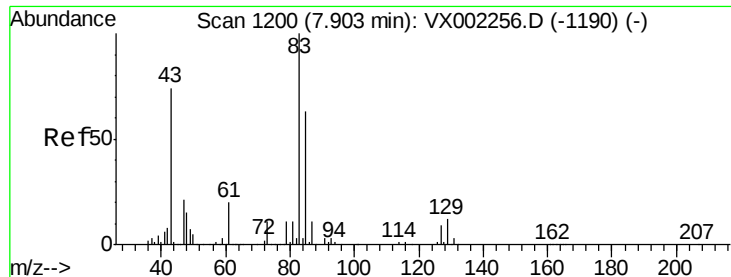
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 112.0 92.4 138.6





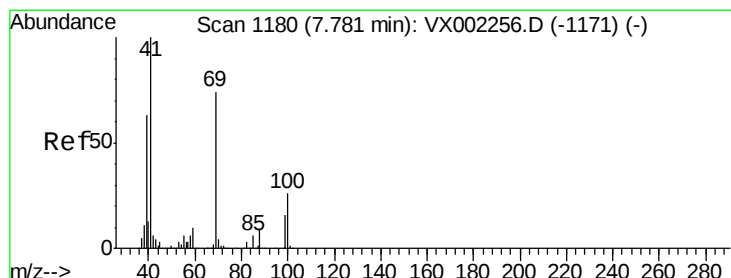
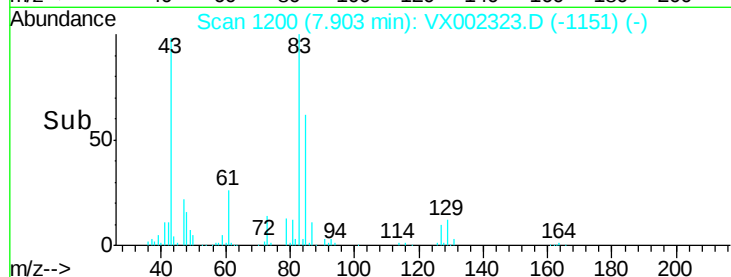
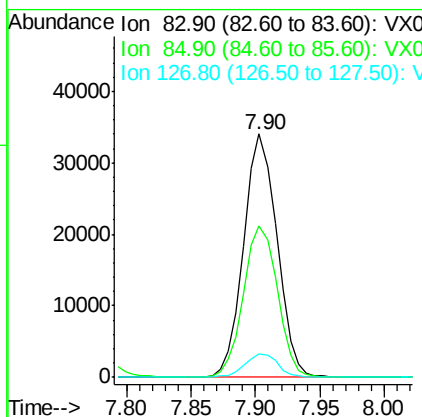
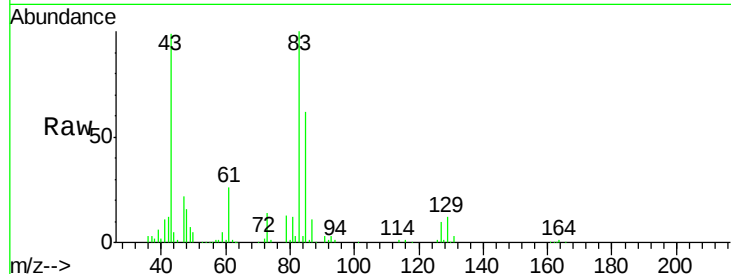
#47  
Bromodichloromethane  
Concen: 17.162 ug/l  
RT: 7.90 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.3  | 50.3  | 75.5  |
| 127     | 9.7   | 7.0   | 10.4  |

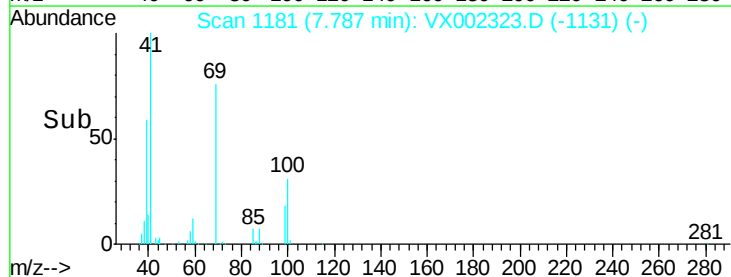
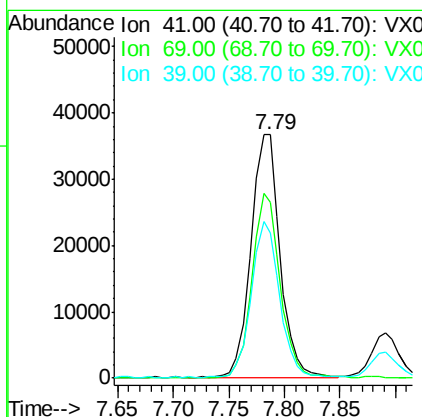
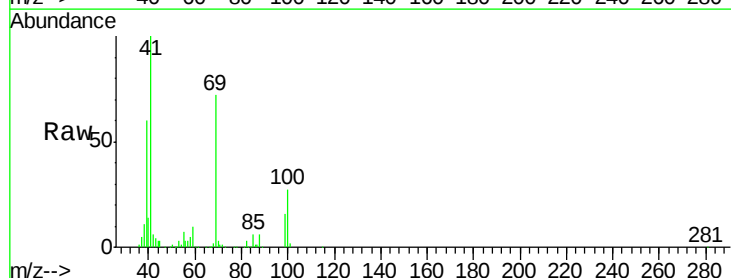
Manual Integrations  
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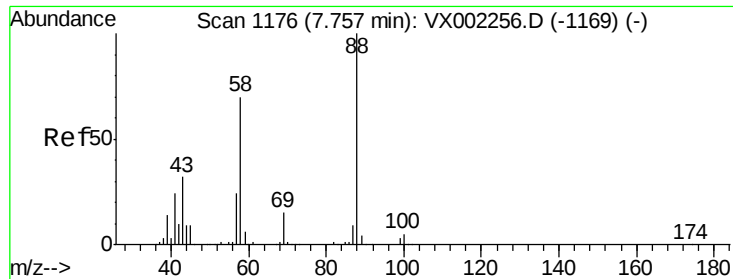
MMDadoda  
6/6/2018 4:10:45 PM



#48  
Methyl methacrylate  
Concen: 18.589 ug/l  
RT: 7.79 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 74.2  | 59.1  | 88.7  |
| 39      | 62.3  | 48.9  | 73.3  |





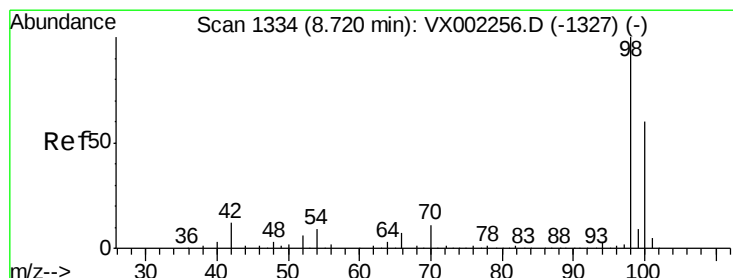
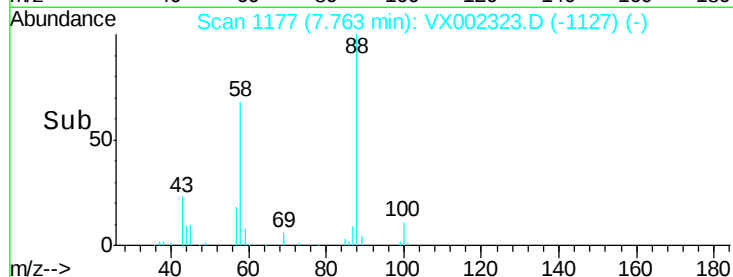
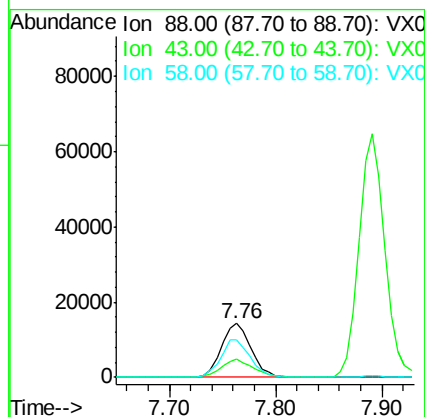
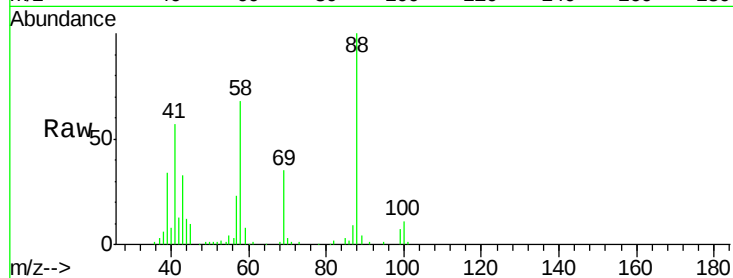
#49  
1,4-Dioxane  
Concen: 417.898 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.4  | 29.8  | 44.6  |
| 58      | 69.4  | 57.1  | 85.7  |

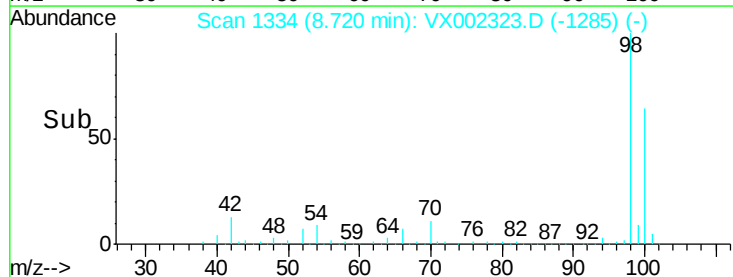
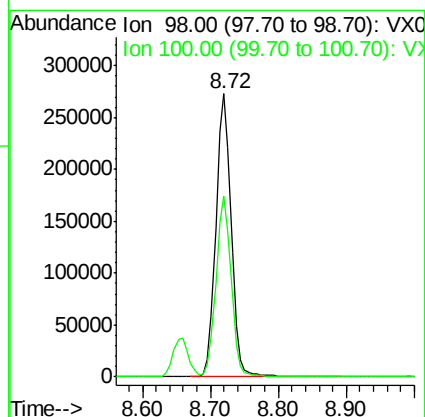
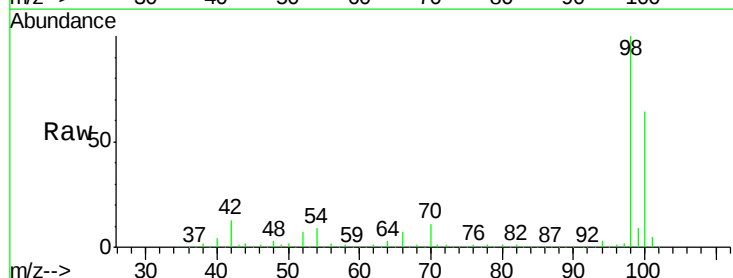
Manual Integrations  
APPROVED

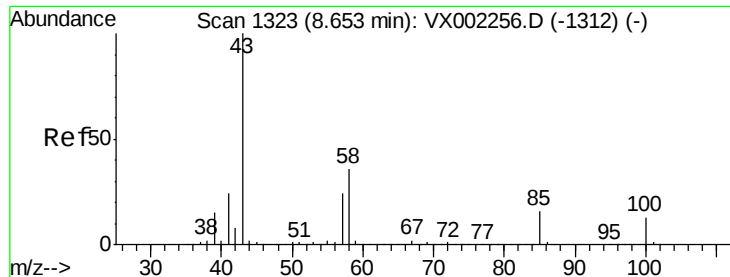
MMDadoda  
6/6/2018 4:10:45 PM



#50  
Toluene-d8  
Concen: 42.263 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.2  | 50.9  | 76.3  |





#51

4-Methyl-2-Pentanone

Concen: 99.573 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 43 Resp: 444059

Ion Ratio Lower Upper

43 100

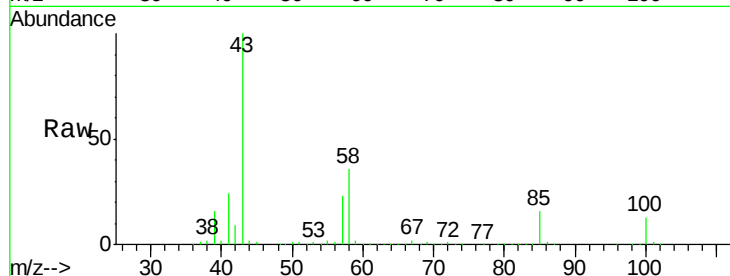
58 35.4 28.6 42.8

Manual Integrations

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6/6/2018 4:10:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

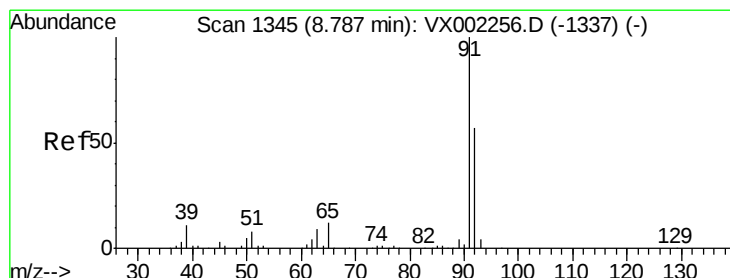
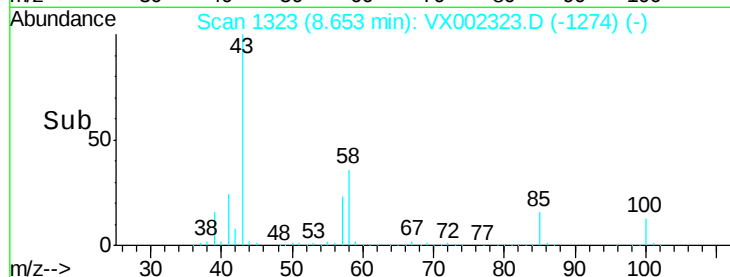
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.401 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002323.D

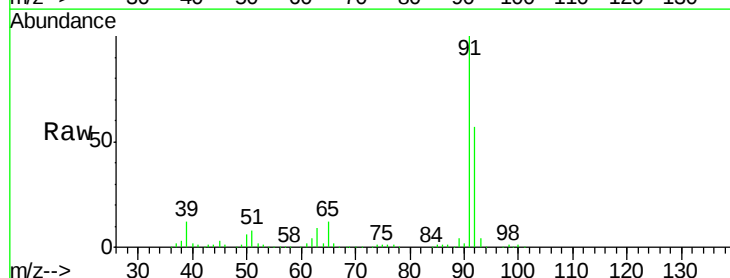
Acq: 05 Jun 2018 23:57

Tgt Ion: 92 Resp: 125808

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

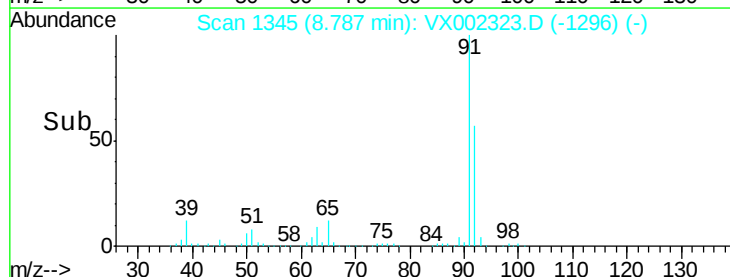
150000

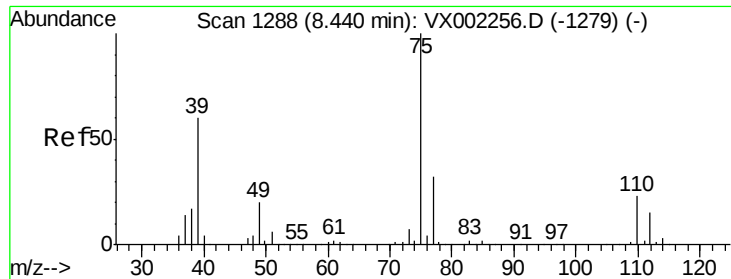
100000

50000

0

Time-->





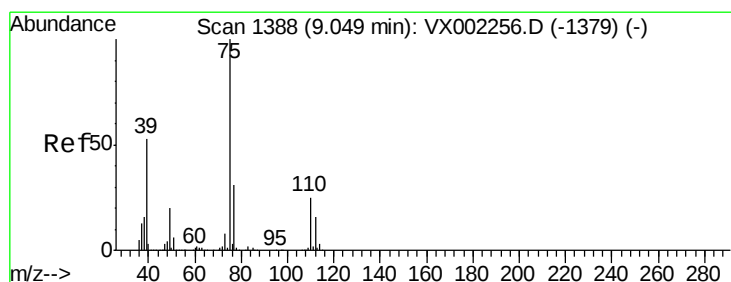
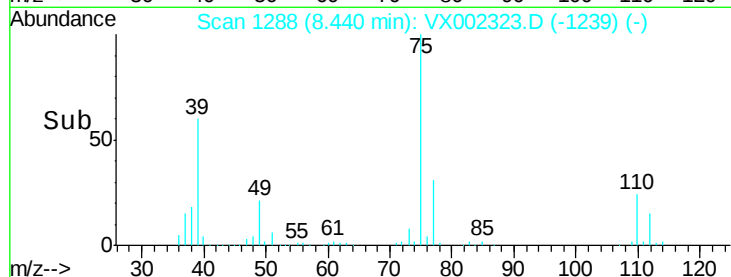
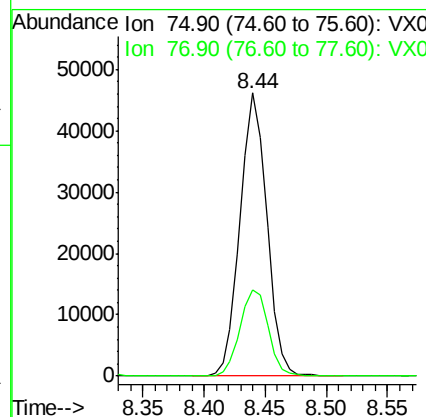
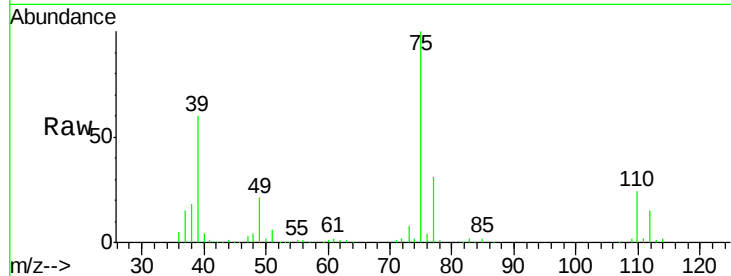
#53  
t-1,3-Dichloropropene  
Concen: 16.446 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.6  | 25.4  | 38.2  |

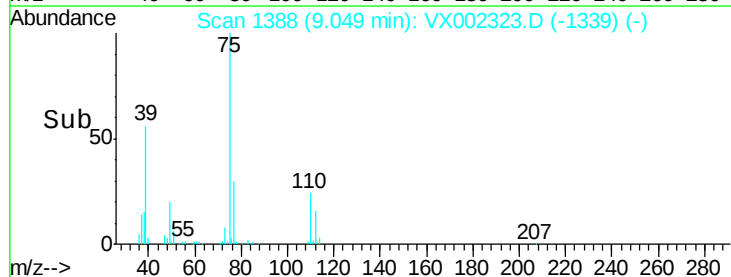
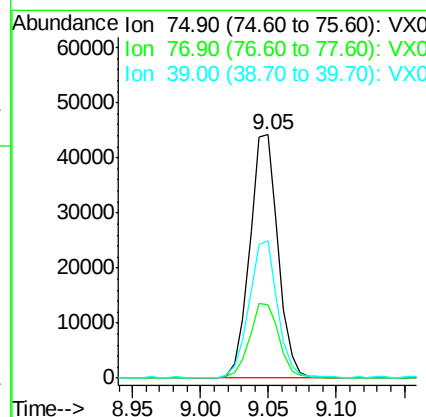
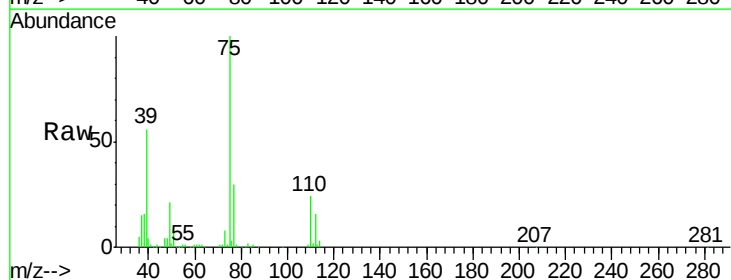
Manual Integrations  
APPROVED

MMDadoda  
6/6/2018 4:10:45 PM



#54  
cis-1,3-Dichloropropene  
Concen: 15.998 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.2  | 24.8  | 37.2  |
| 39      | 55.9  | 42.4  | 63.6  |





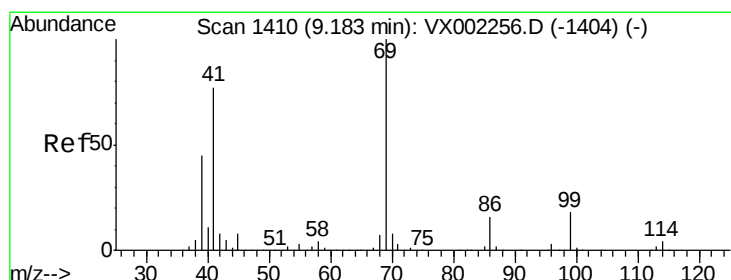
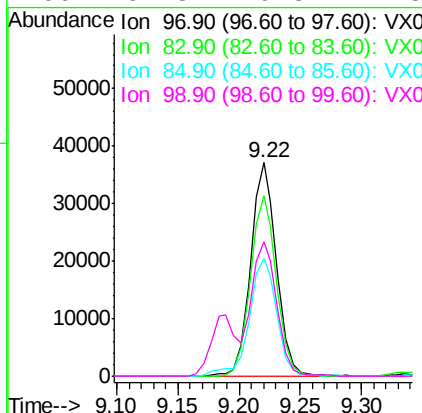
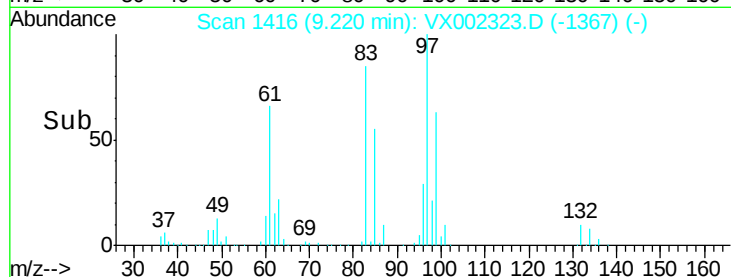
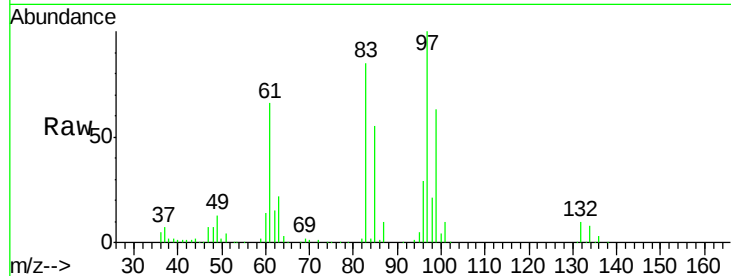
#55  
 1,1,2-Trichloroethane  
 Concen: 19.292 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0605WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 54247 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.8  | 70.2  | 105.2 |
| 85       | 55.4  | 44.9  | 67.3  |
| 99       | 62.8  | 49.8  | 74.8  |

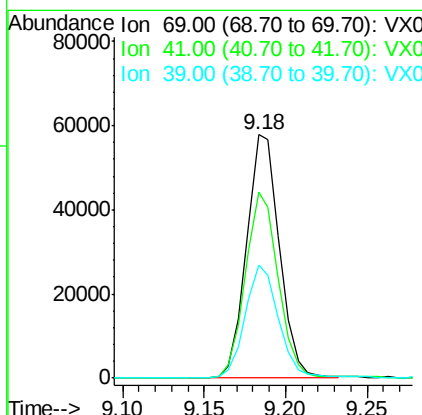
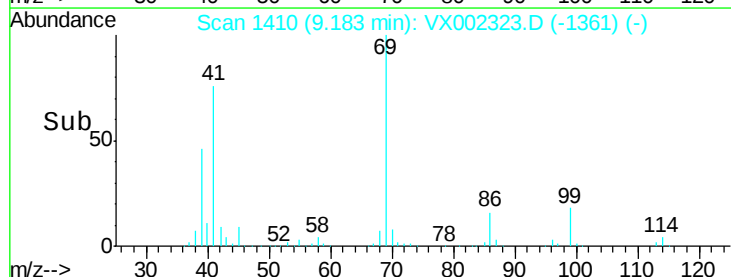
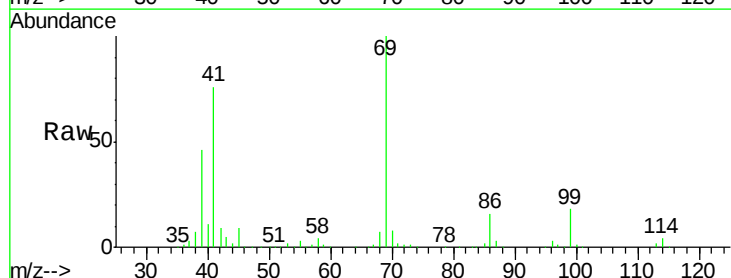
Manual Integrations  
 APPROVED

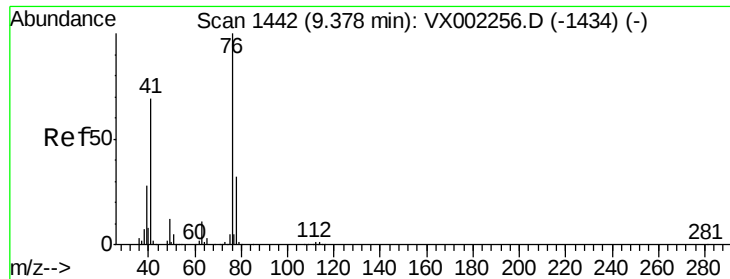
MMDadoda  
 6/6/2018 4:10:45 PM



#56  
 Ethyl methacrylate  
 Concen: 18.172 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 81582 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.8  | 60.3  | 90.5  |
| 39       | 46.4  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 19.518 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 76 Resp: 92076

Ion Ratio Lower Upper

76 100

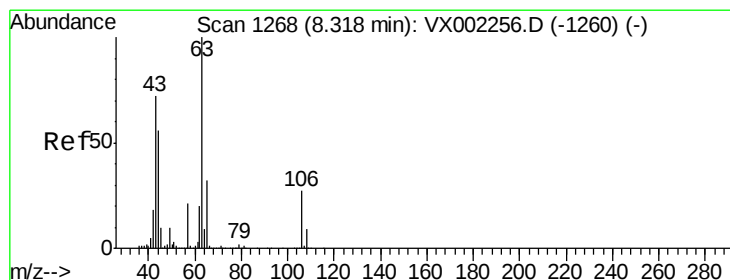
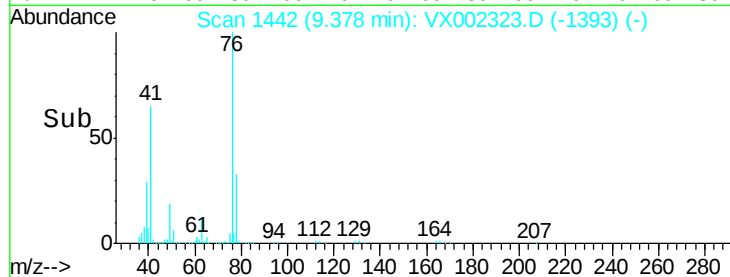
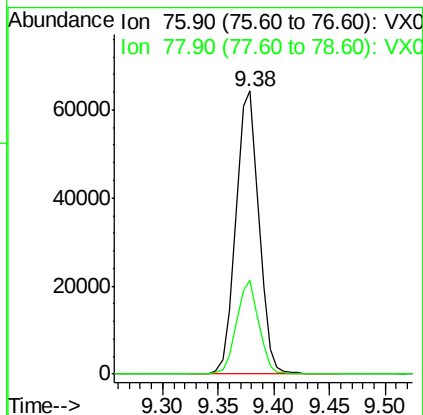
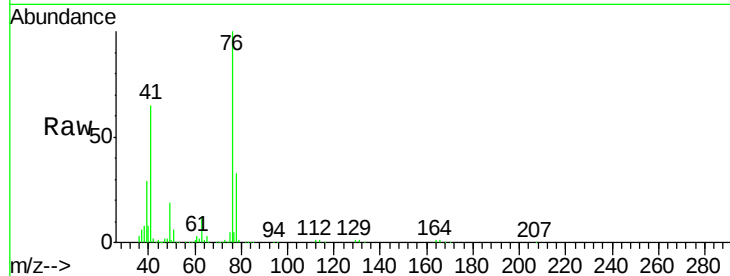
78 32.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 92.803 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002323.D

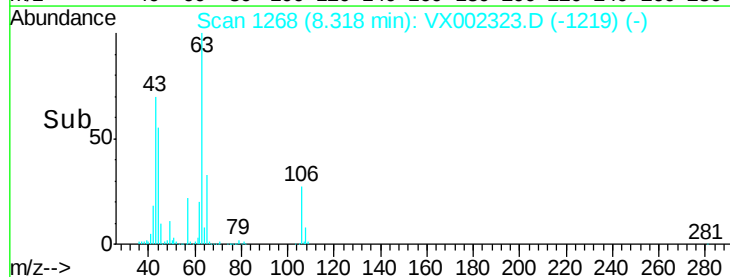
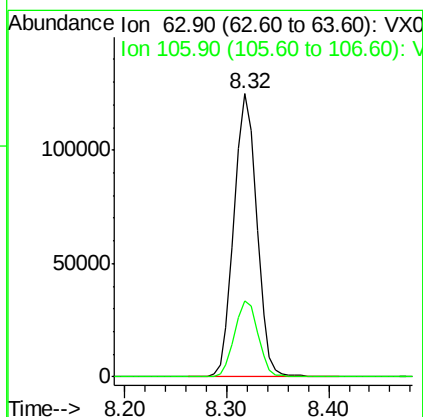
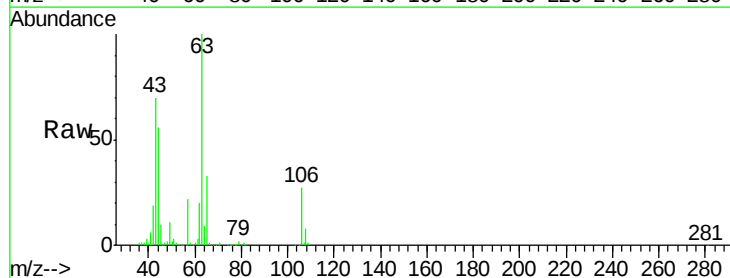
Acq: 05 Jun 2018 23:57

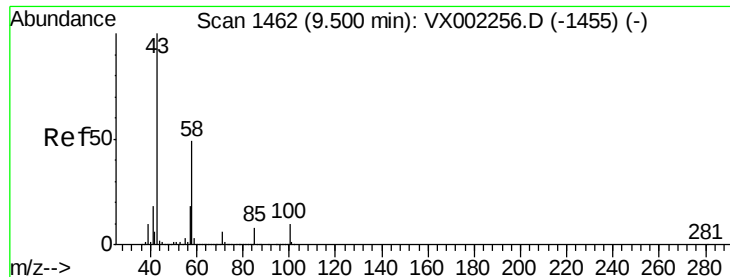
Tgt Ion: 63 Resp: 192830

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8





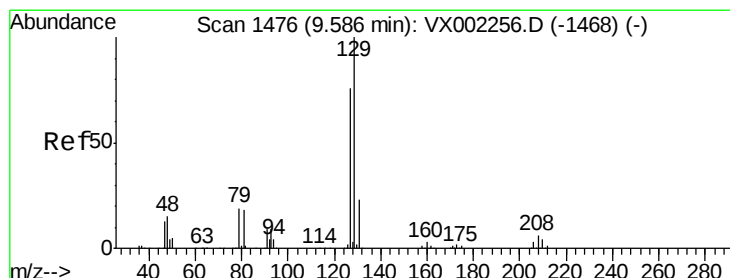
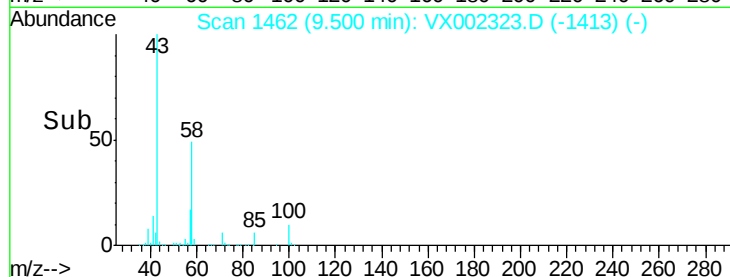
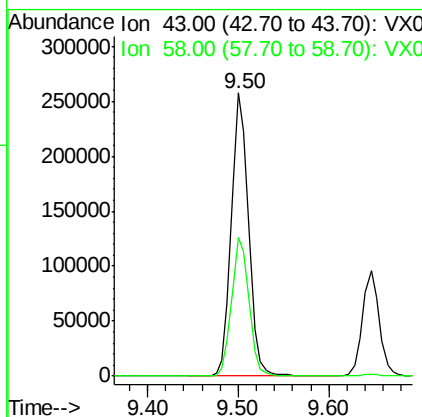
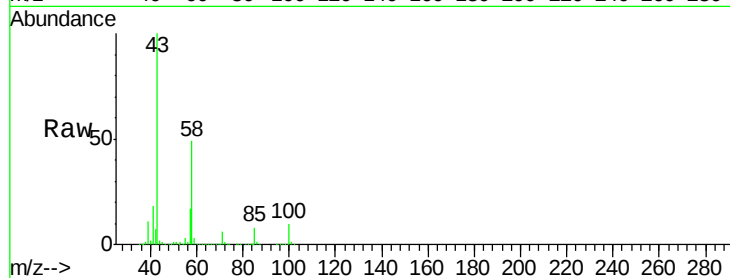
#59  
2-Hexanone  
Concen: 99.027 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 49.4  | 24.6  | 73.6  |

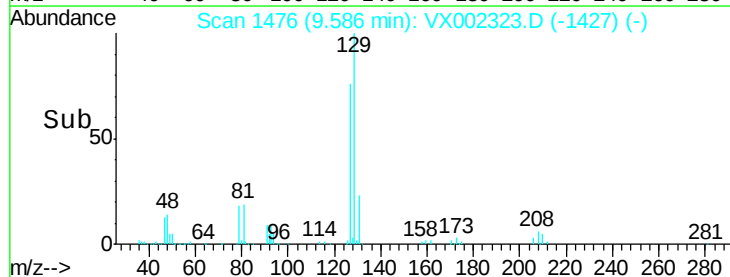
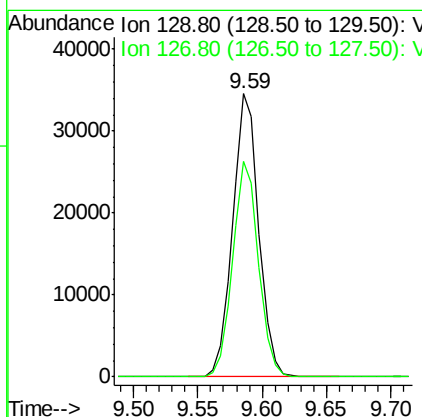
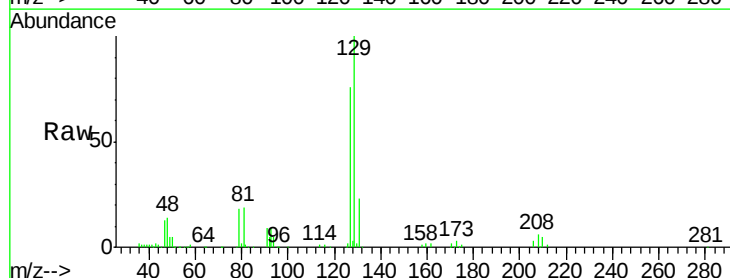
Manual Integrations  
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#60  
Dibromochloromethane  
Concen: 17.216 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 75.5  | 38.5  | 115.3 |





#61

1,2-Dibromoethane

Concen: 19.126 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion:107 Resp: 56076

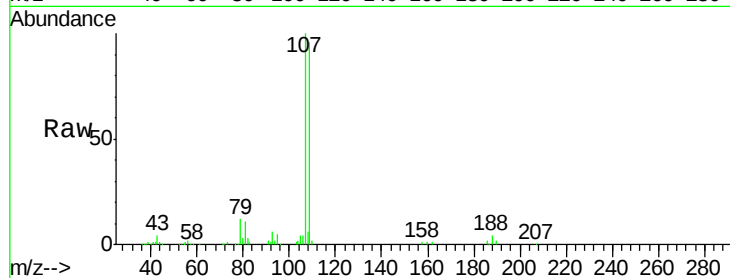
Ion Ratio Lower Upper

107 100

109 94.7 75.3 112.9

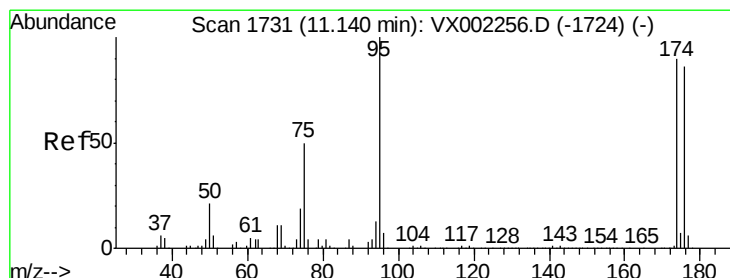
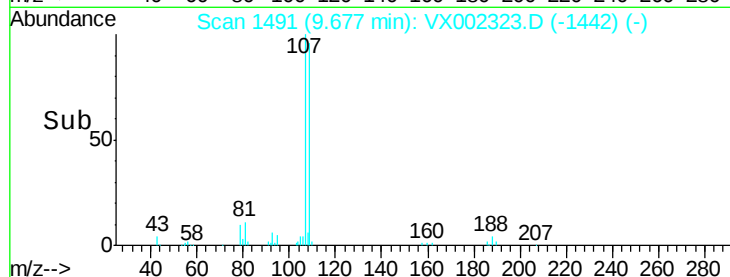
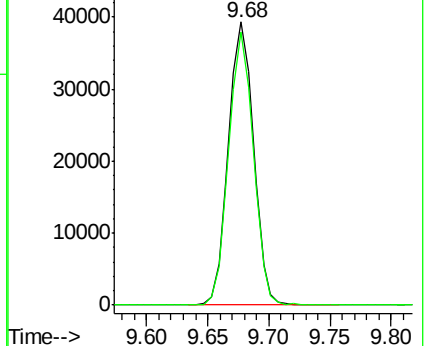
Manual Integrations  
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.691 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

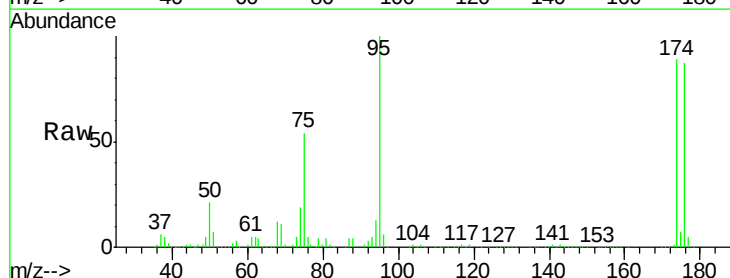
Tgt Ion: 95 Resp: 157726

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

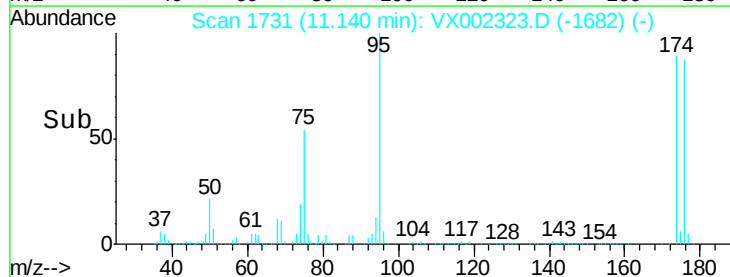
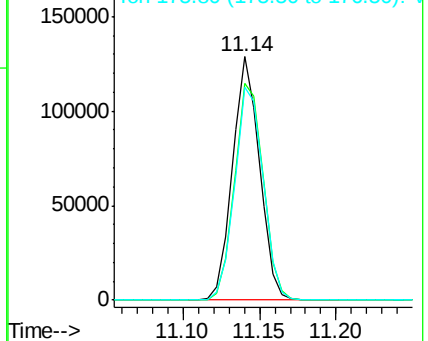
176 92.3 0.0 181.0

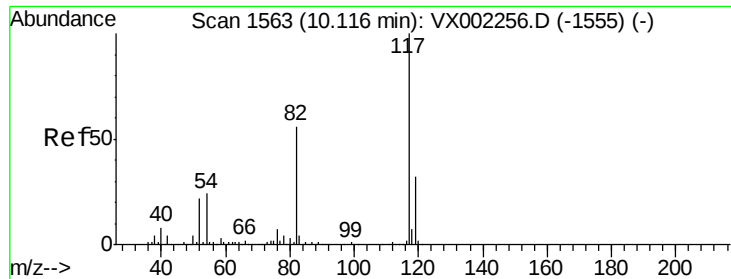


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





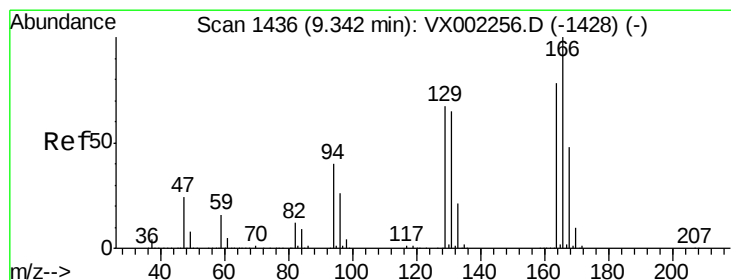
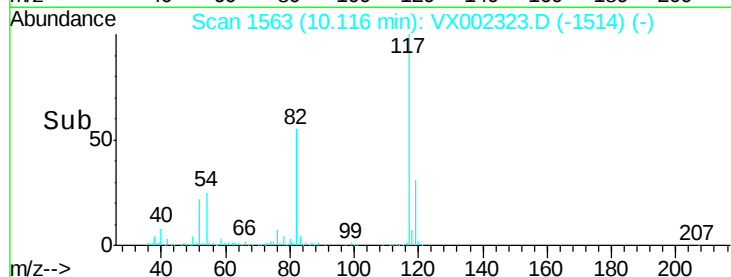
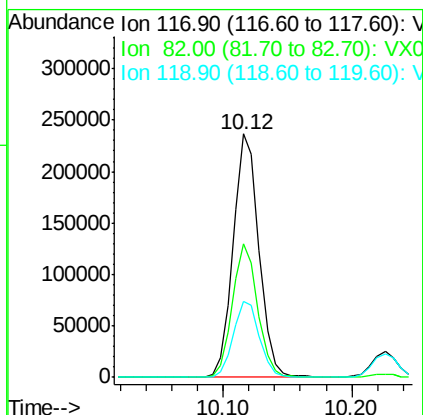
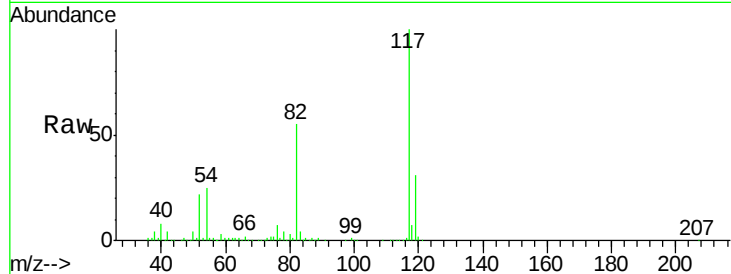
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.6  | 45.0  | 67.4  |
| 119     | 31.2  | 25.8  | 38.6  |

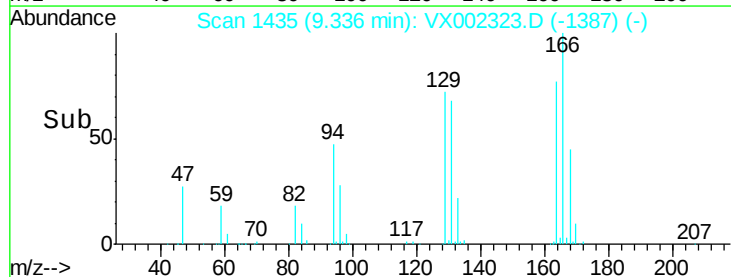
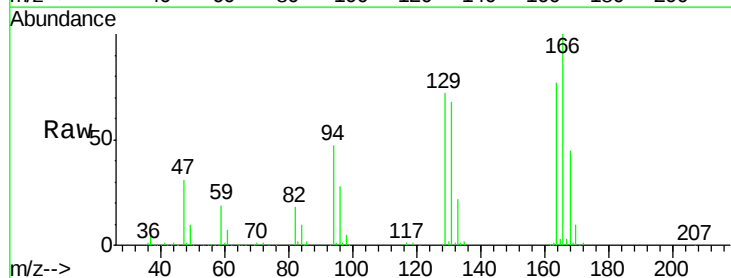
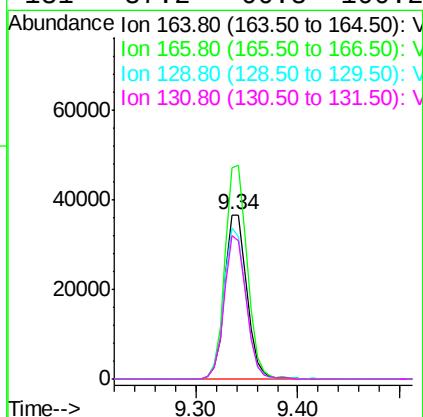
Manual Integrations  
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#64  
Tetrachloroethene  
Concen: 16.316 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.1 | 102.9 | 154.3 |
| 129     | 92.5  | 68.6  | 102.8 |
| 131     | 87.2  | 66.8  | 100.2 |





#65

Chlorobenzene

Concen: 17.845 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion:112 Resp: 146197

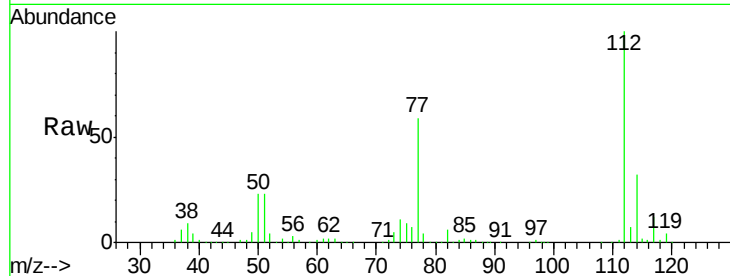
Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9

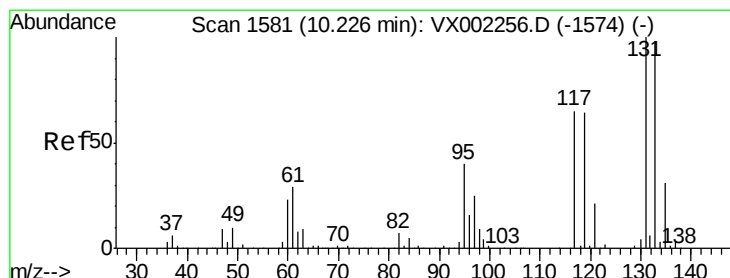
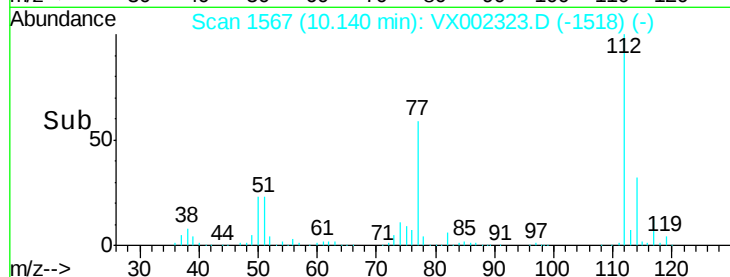
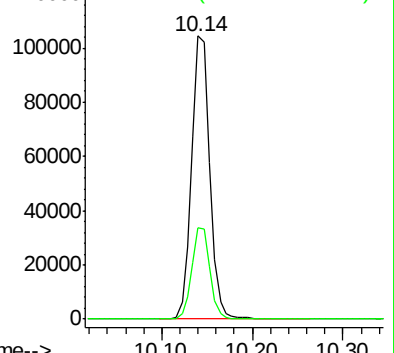
Manual Integrations  
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.356 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

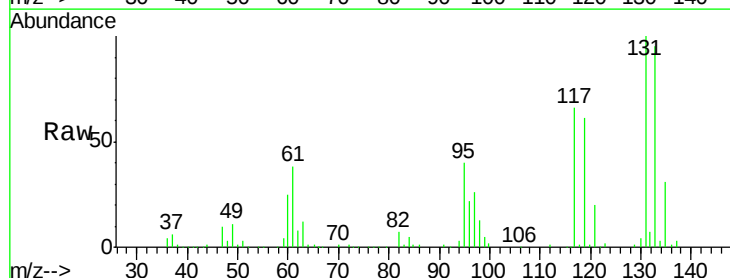
Tgt Ion:131 Resp: 51488

Ion Ratio Lower Upper

131 100

133 94.5 47.9 143.6

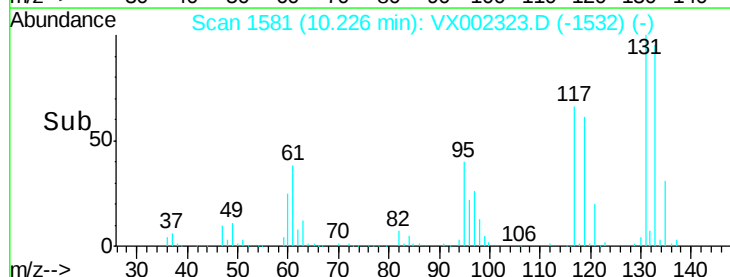
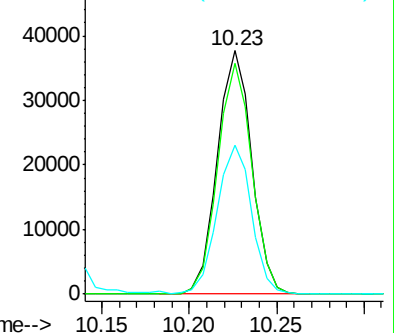
119 61.3 31.8 95.3

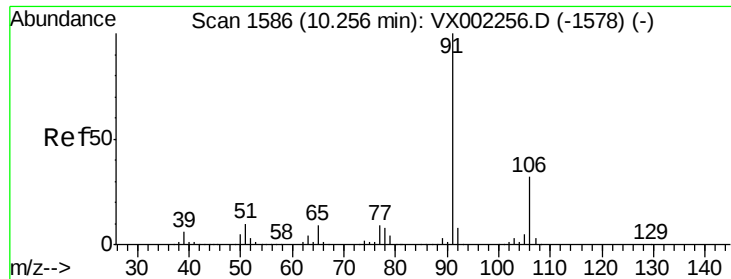


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.410 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 91 Resp: 238701

Ion Ratio Lower Upper

91 100

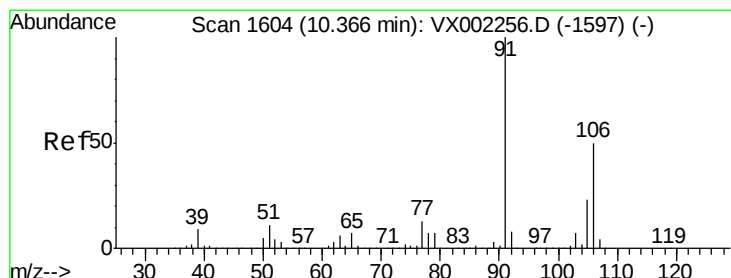
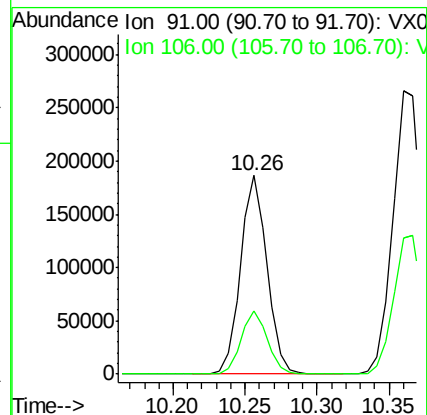
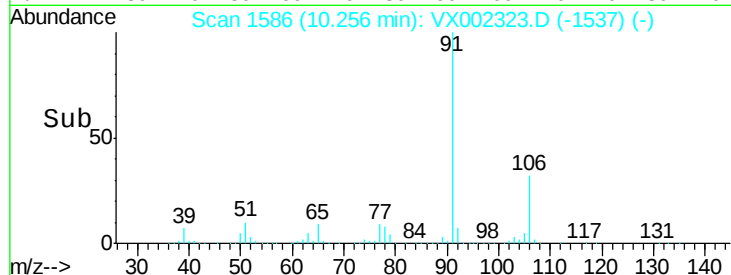
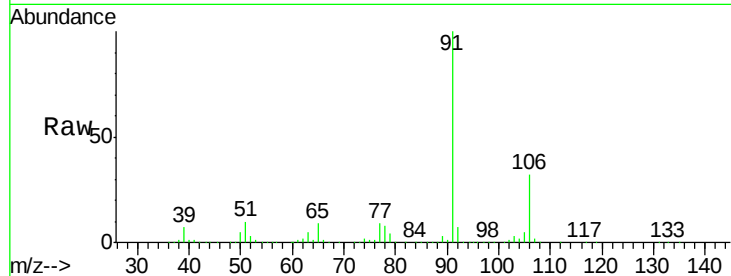
106 32.1 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 34.572 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX002323.D

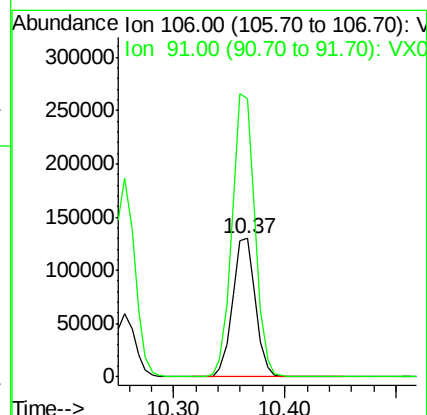
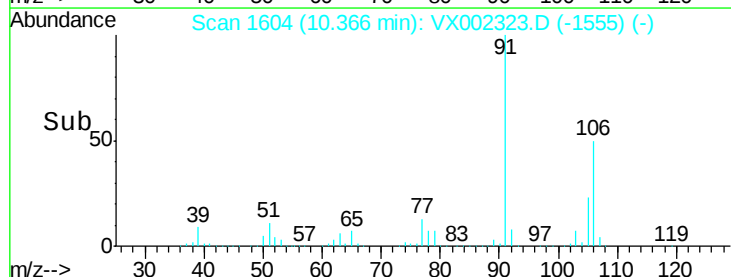
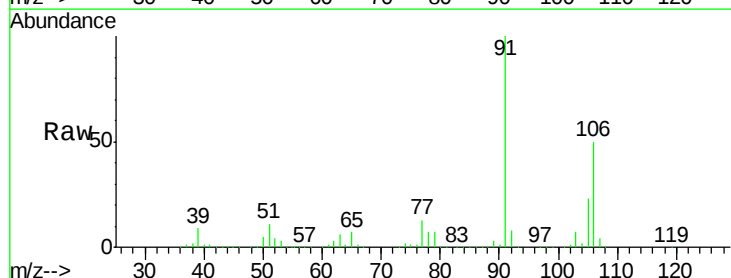
Acq: 05 Jun 2018 23:57

Tgt Ion: 106 Resp: 184259

Ion Ratio Lower Upper

106 100

91 203.9 163.4 245.2





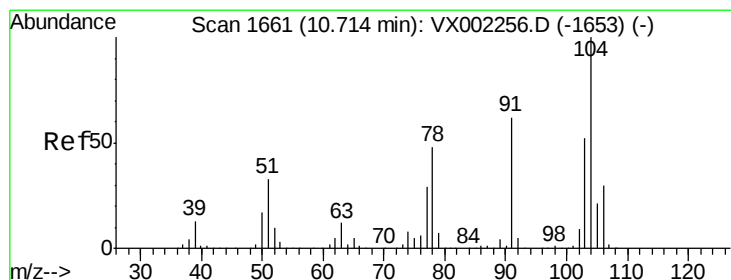
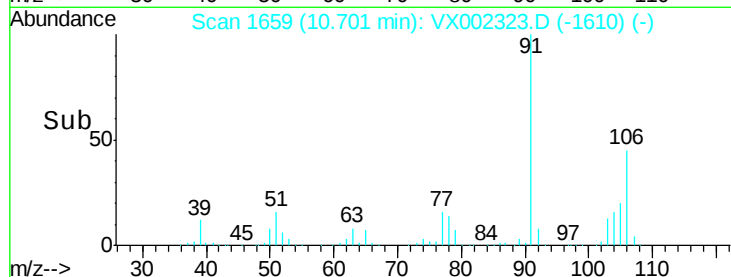
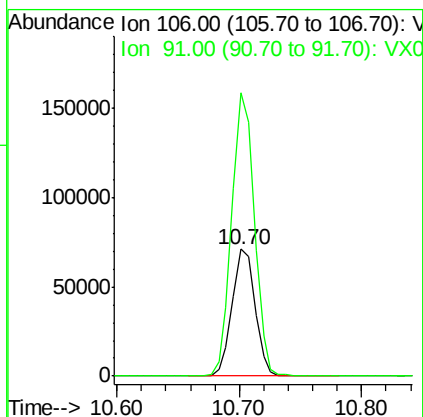
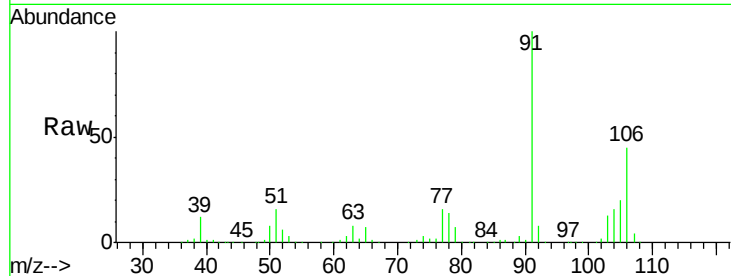
#69  
o-Xylene  
Concen: 17.431 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

Tot Ion:106 Resp: 92449  
Ion Ratio Lower Upper  
106 100  
91 219.1 108.2 324.6

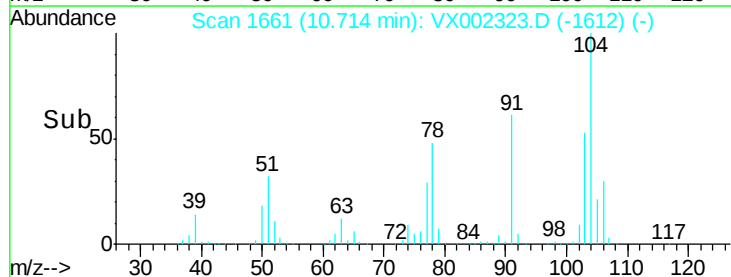
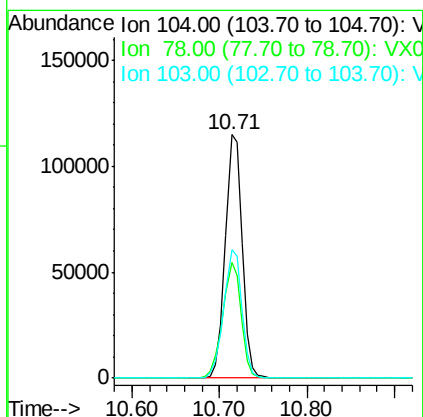
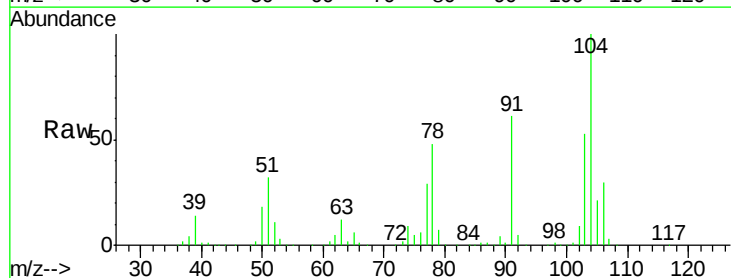
Manual Integrations  
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#70  
Styrene  
Concen: 17.753 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Tgt Ion:104 Resp: 153927  
Ion Ratio Lower Upper  
104 100  
78 51.4 41.0 61.6  
103 56.6 44.2 66.4





#71

Bromoform

Concen: 15.717 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion:173 Resp: 34991

Ion Ratio Lower Upper

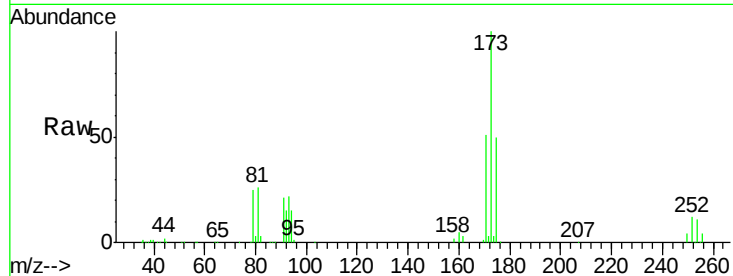
173 100

175 49.9 24.7 74.1

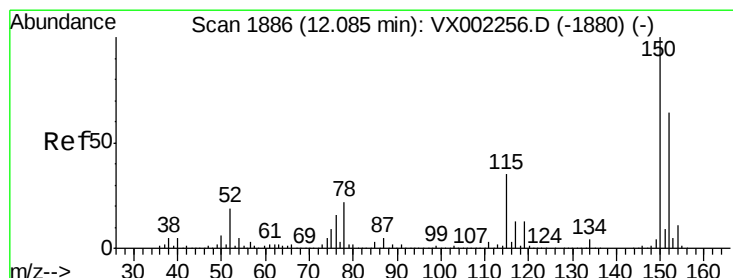
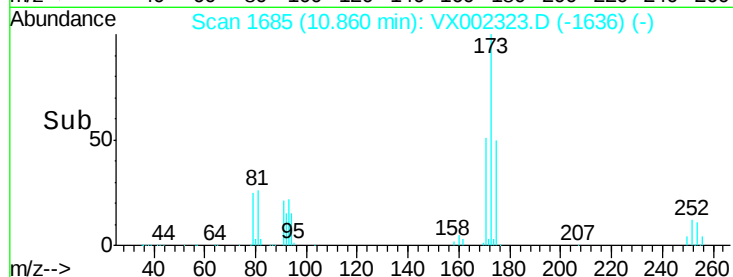
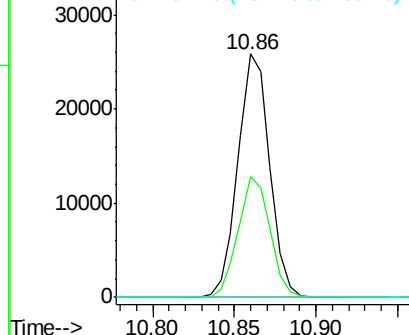
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

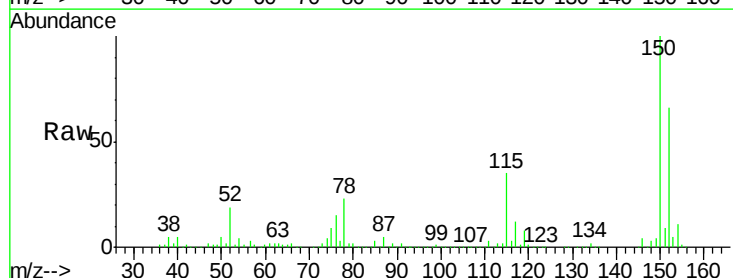
Tgt Ion:152 Resp: 195780

Ion Ratio Lower Upper

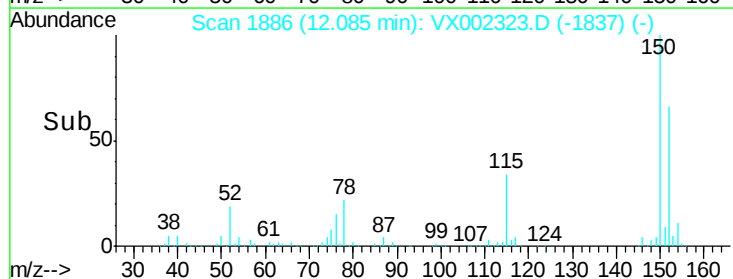
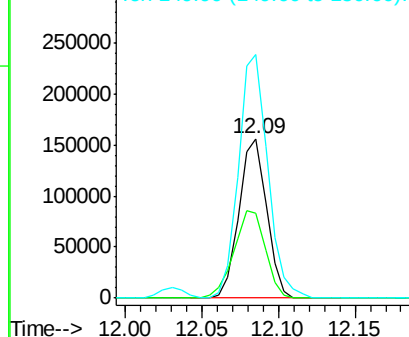
152 100

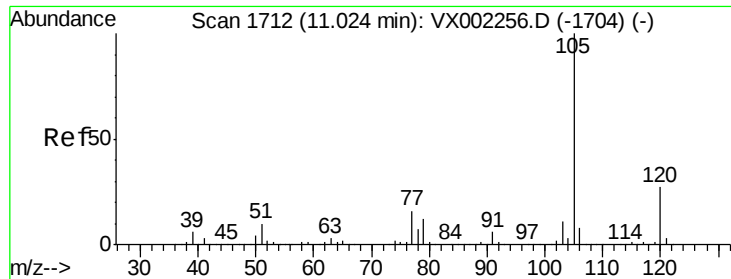
115 62.5 40.1 120.2

150 161.4 0.0 347.2



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





#73

Isopropylbenzene

Concen: 17.317 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampled :

VX0605WBS02

Tot Ion:105 Resp: 235840

Ion Ratio Lower Upper

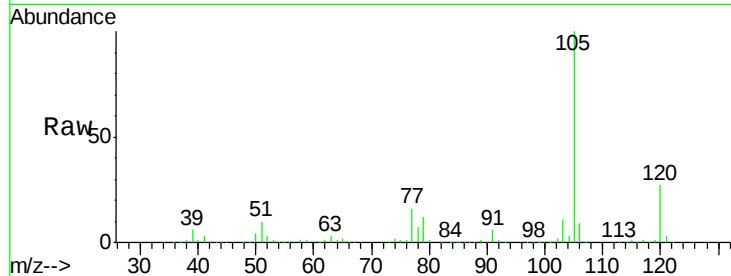
105 100

120 26.6 13.5 40.4

Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

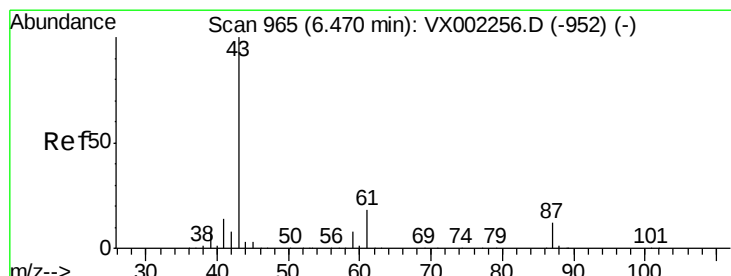
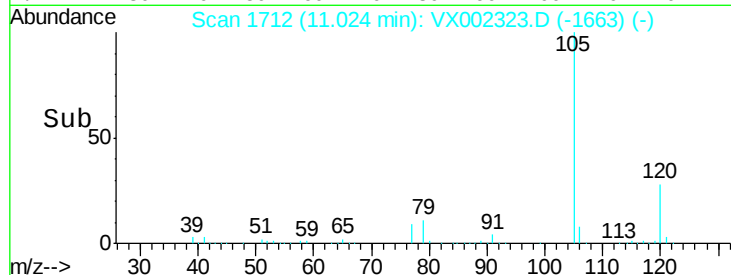
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.959 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Tgt Ion: 43 Resp: 131792

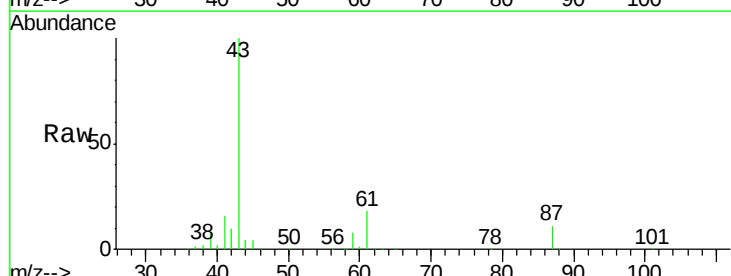
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

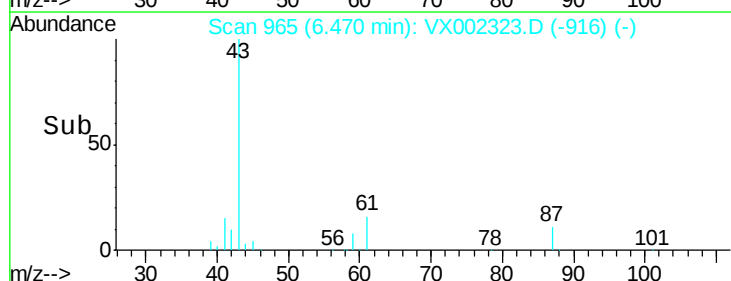
6.47

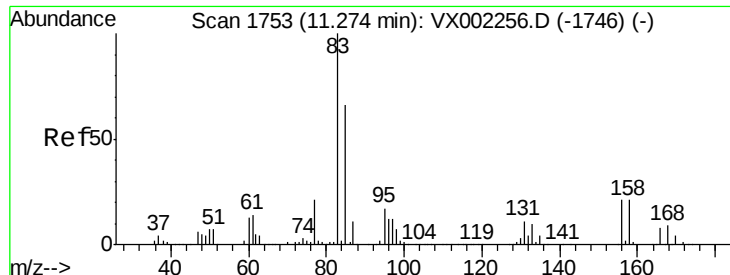
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.950 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

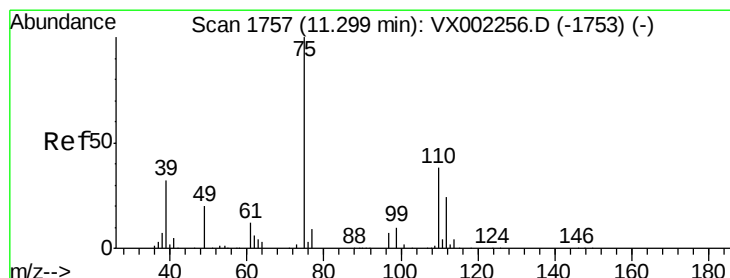
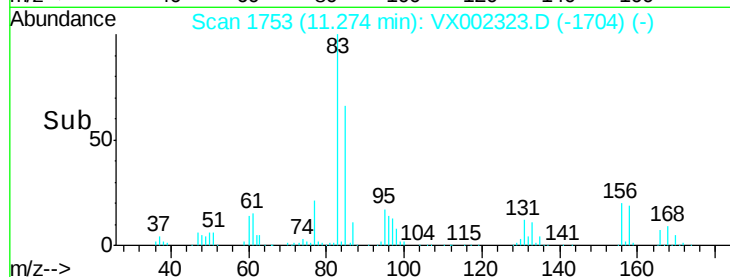
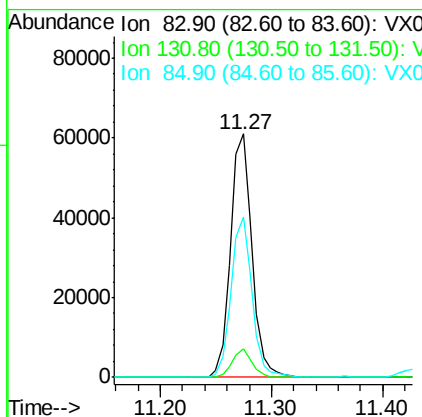
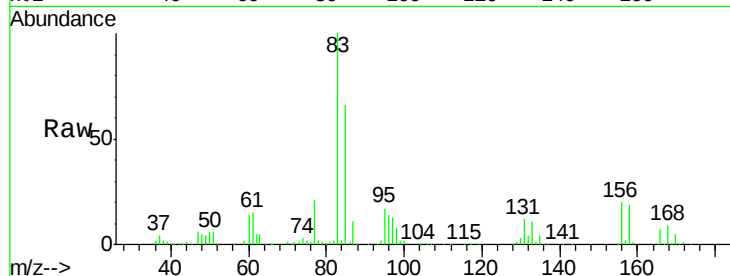
ClientSampled :

VX0605WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 81171 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.7  | 5.6   | 16.8  |
| 85        | 64.5  | 32.4  | 97.2  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 18.724 ug/l m

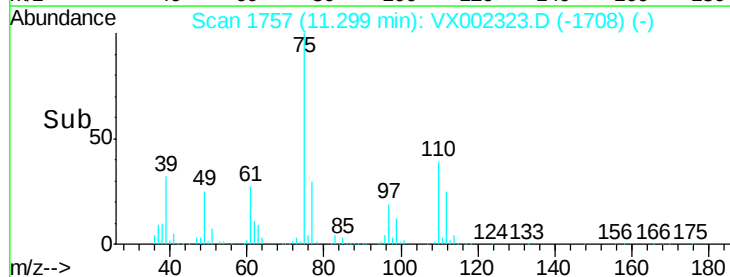
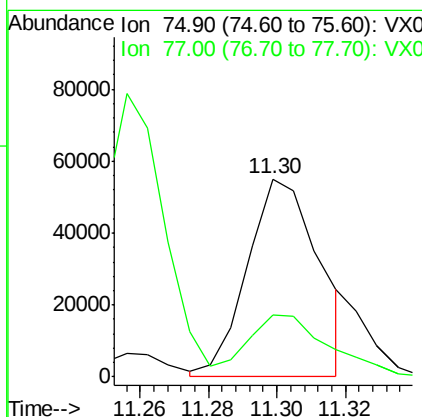
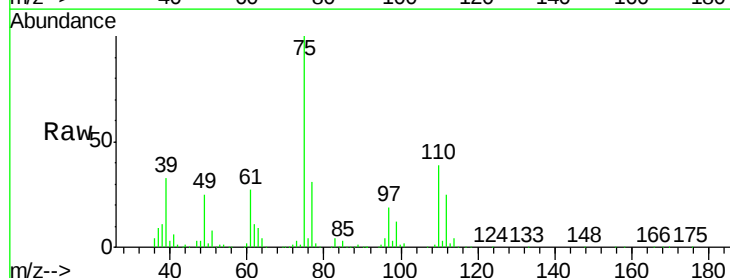
RT: 11.30 min Scan# 1757

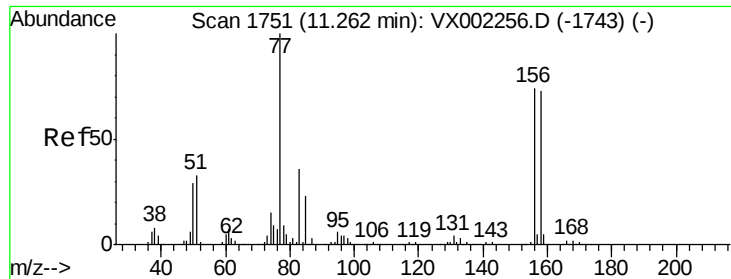
Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 80439 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 35.9  | 22.8  | 68.3  |





#77

Bromobenzene

Concen: 18.038 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion:156 Resp: 68967

Ion Ratio Lower Upper

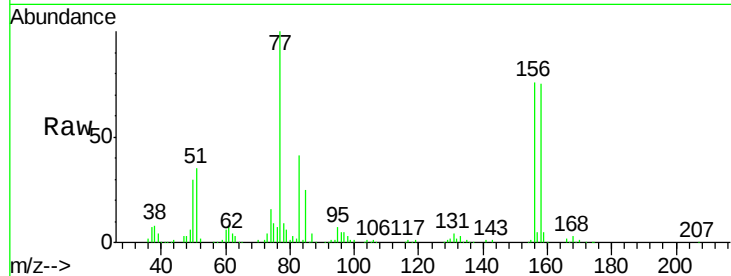
156 100

77 144.6 71.4 214.2

158 98.9 48.9 146.6

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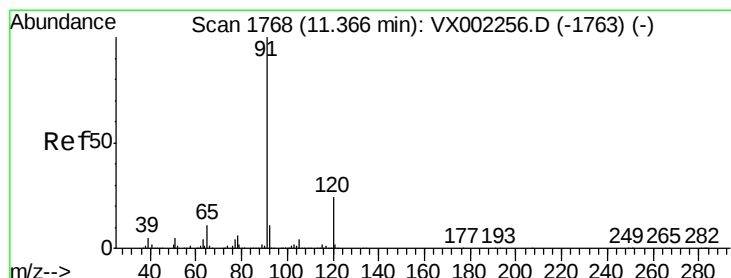
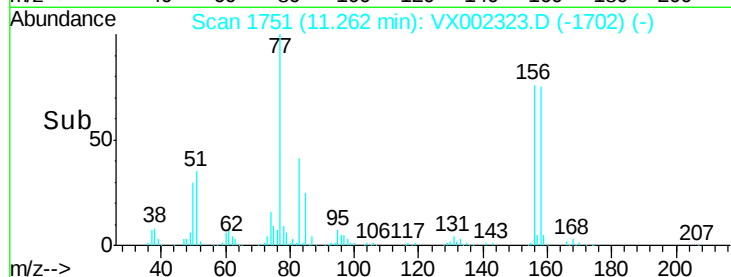
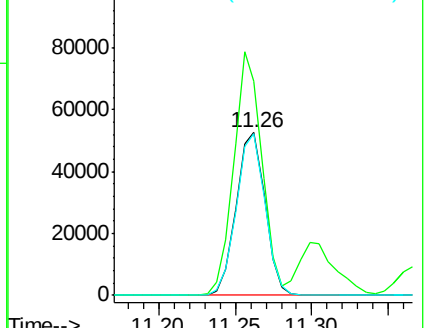
MMDadoda  
6/6/2018 4:10:45 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.046 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002323.D

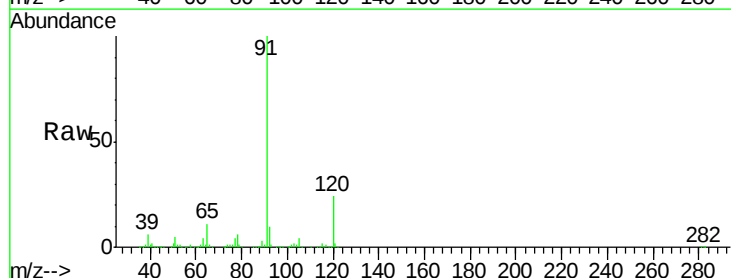
Acq: 05 Jun 2018 23:57

Tgt Ion: 91 Resp: 258030

Ion Ratio Lower Upper

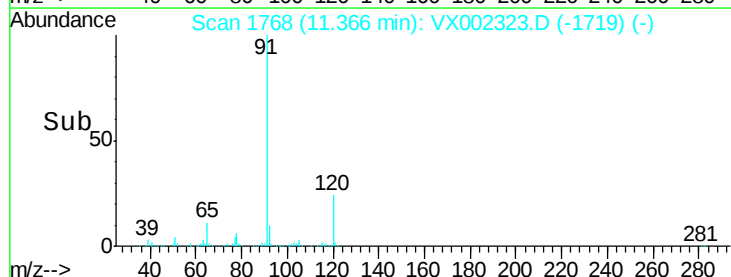
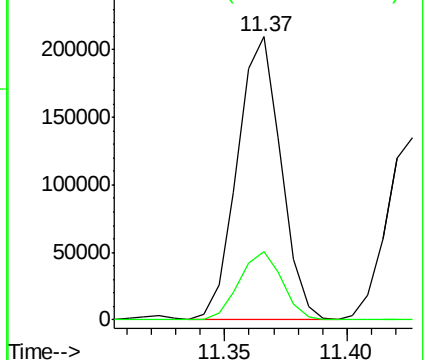
91 100

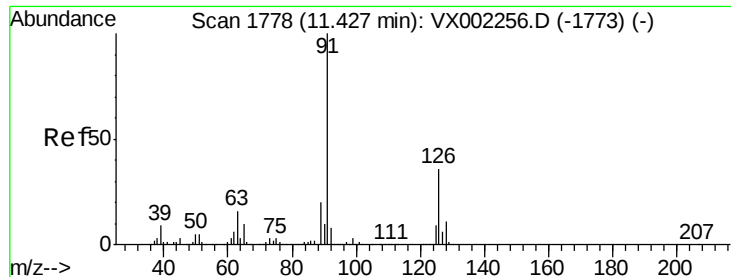
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.677 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 91 Resp: 168966

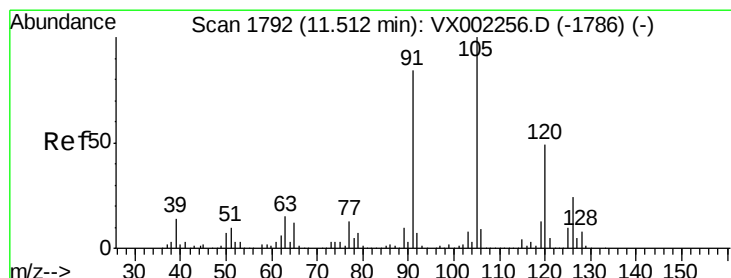
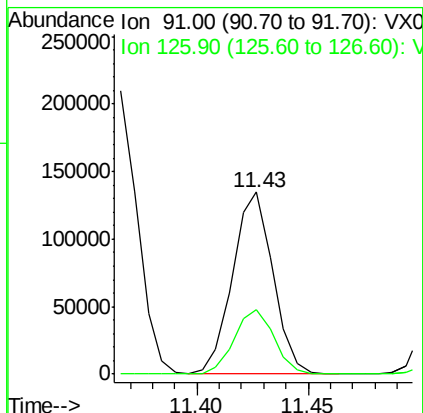
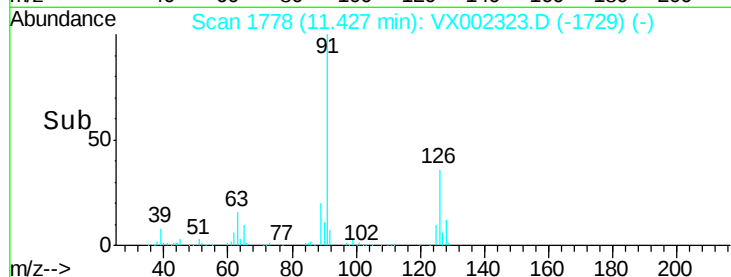
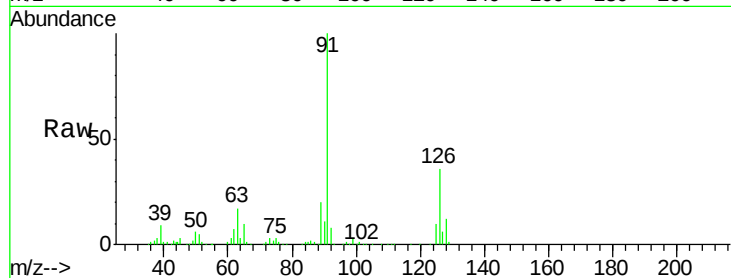
Ion Ratio Lower Upper

91 100

126 35.3 17.7 53.1

Manual Integrations  
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#80

1,3,5-Trimethylbenzene

Concen: 17.475 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002323.D

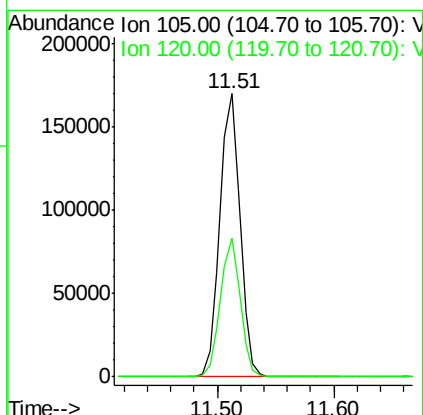
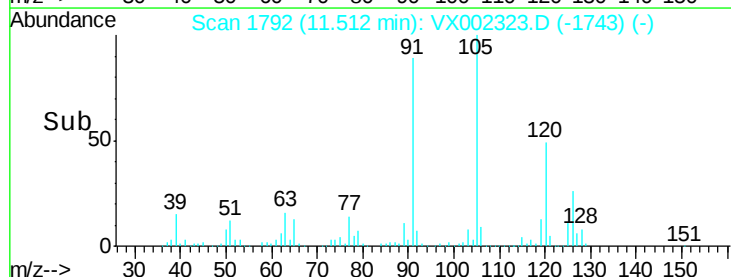
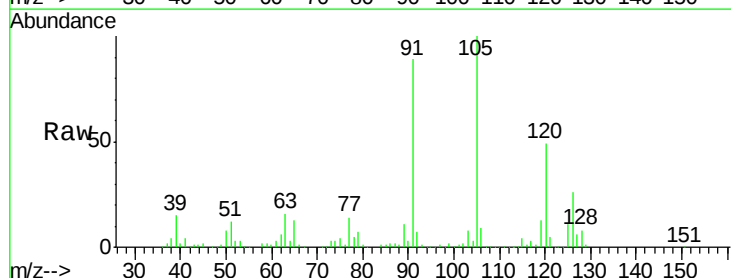
Acq: 05 Jun 2018 23:57

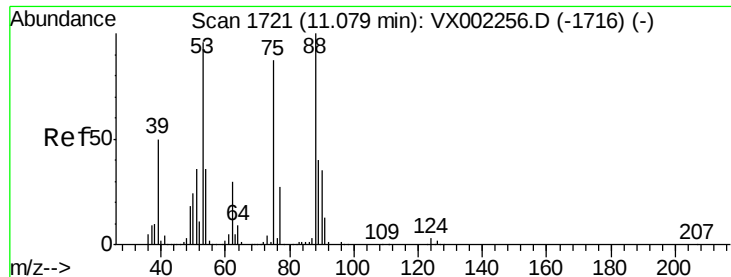
Tgt Ion: 105 Resp: 204138

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 13.242 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0605WBS02

Tot Ion: 75 Resp: 16228

Ion Ratio Lower Upper

75 100

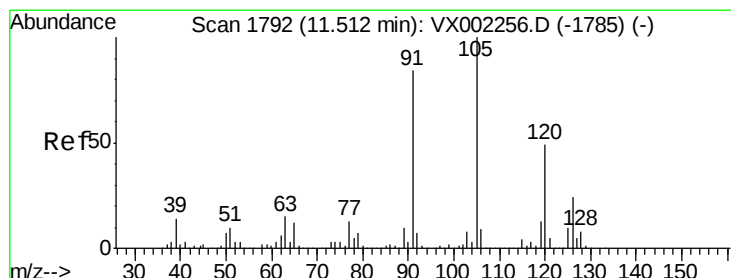
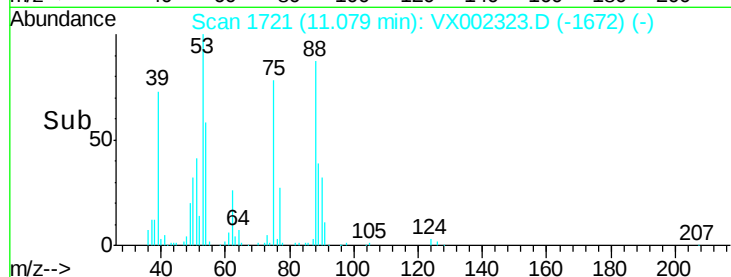
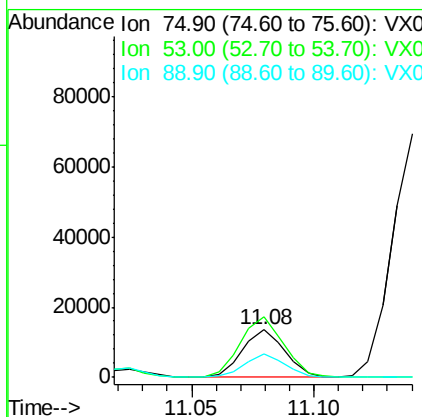
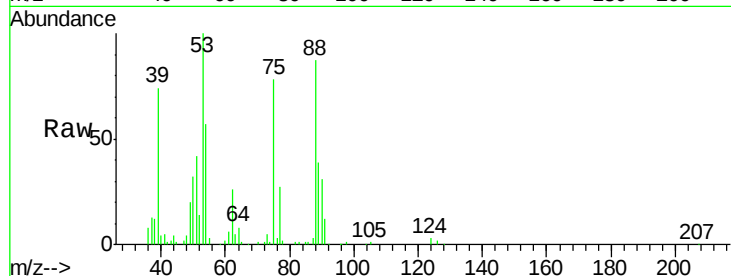
53 134.0 86.8 130.2#

89 48.7 38.2 57.2

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 17.710 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002323.D

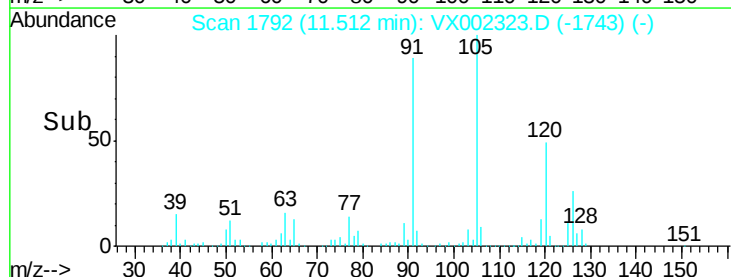
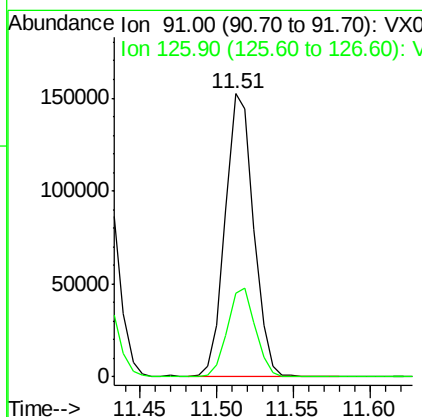
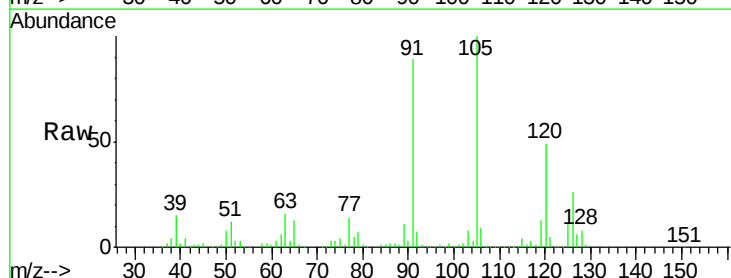
Acq: 05 Jun 2018 23:57

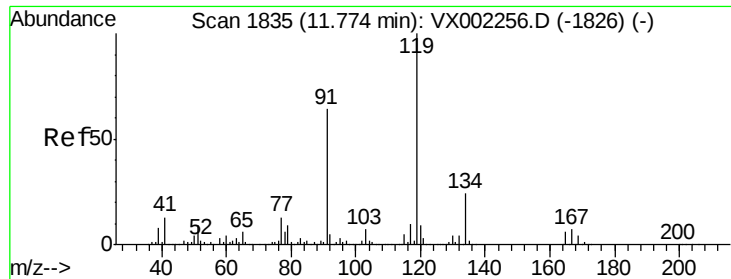
Tgt Ion: 91 Resp: 195386

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4





#83

tert-Butylbenzene

Concen: 16.916 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

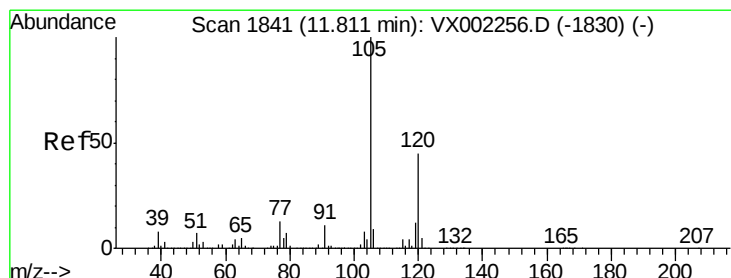
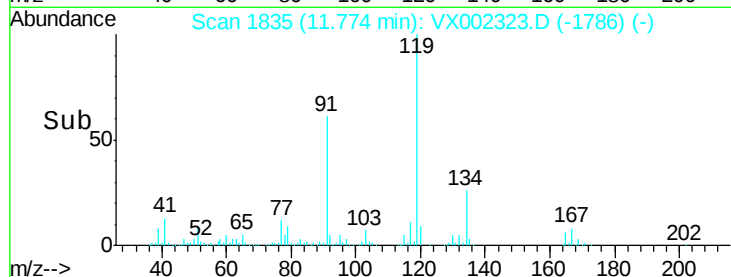
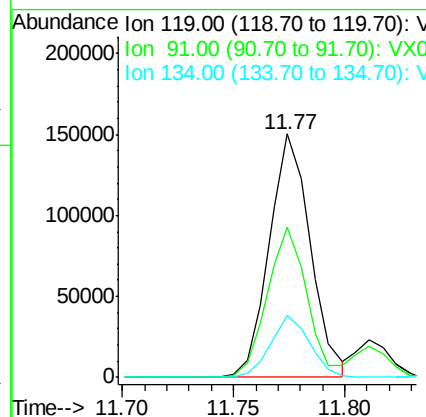
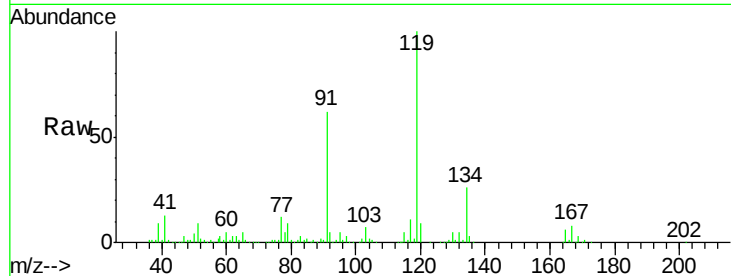
ClientSampleId :

VX0605WBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 192432 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 60.2  | 30.3  | 90.9   |
| 134       | 24.5  | 11.7  | 35.1   |

Manual Integrations  
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6/6/2018 4:10:45 PM



#84

1,2,4-Trimethylbenzene

Concen: 17.896 ug/l

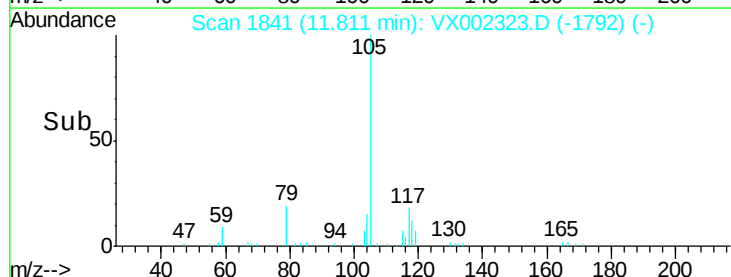
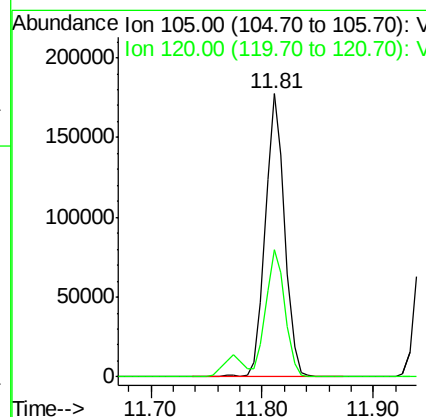
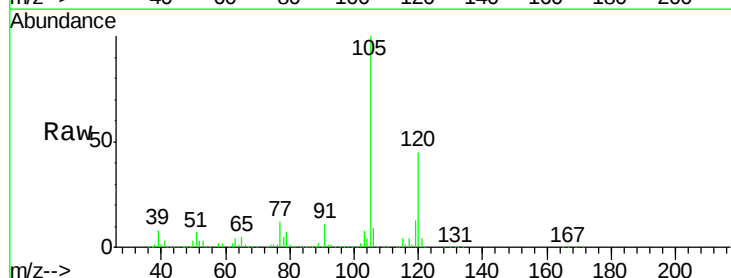
RT: 11.81 min Scan# 1841

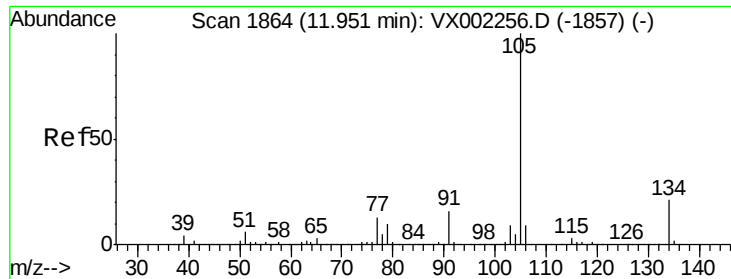
Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 215199 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.4  | 22.3  | 66.8   |





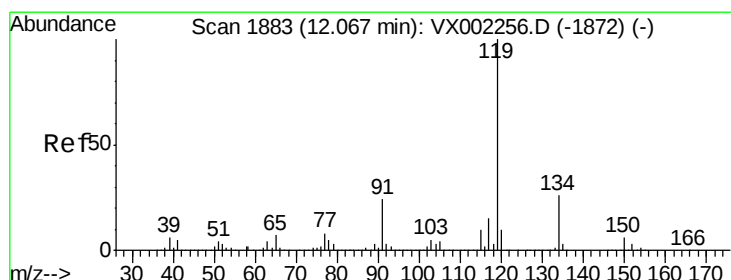
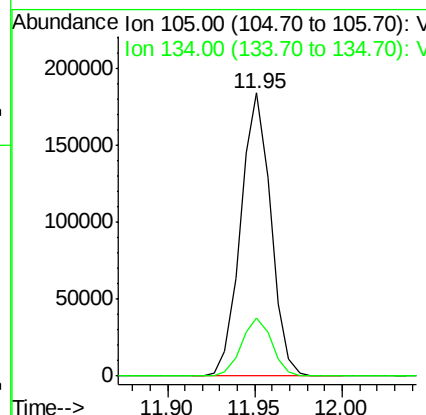
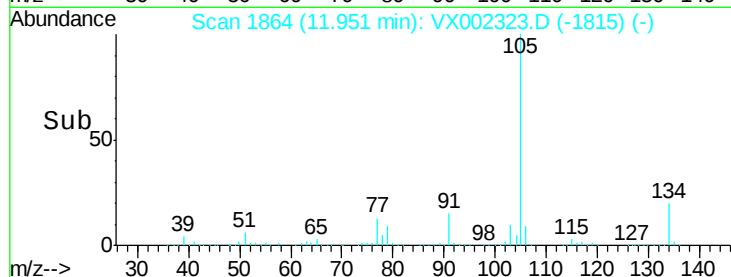
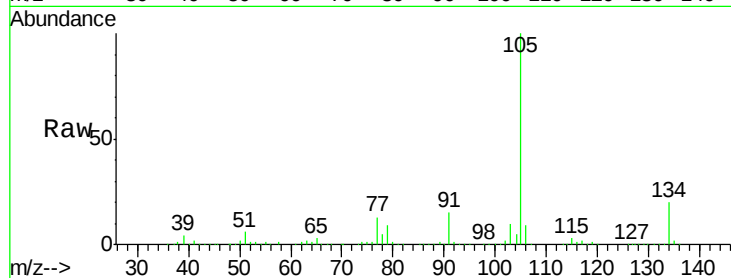
#85  
 sec-Butylbenzene  
 Concen: 16.448 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0605WBS02

Tot Ion:105 Resp: 219342  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.1

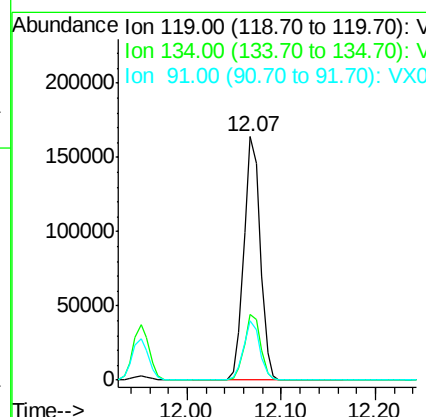
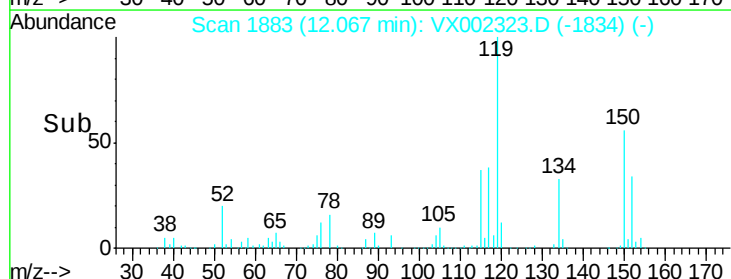
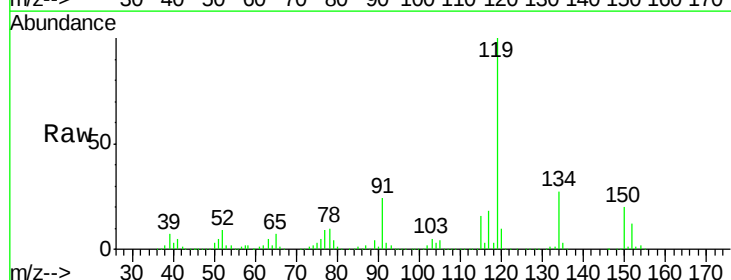
Manual Integrations  
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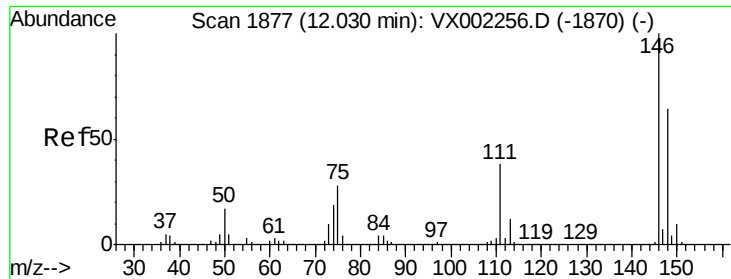
MMDadoda  
 6/6/2018 4:10:45 PM



#86  
 p-Isopropyltoluene  
 Concen: 16.343 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Tgt Ion:119 Resp: 198519  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.4 40.1  
 91 24.3 11.9 35.7





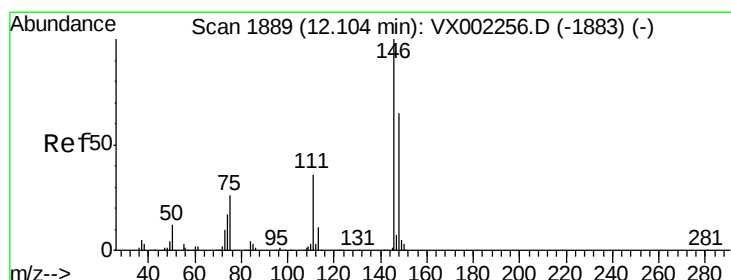
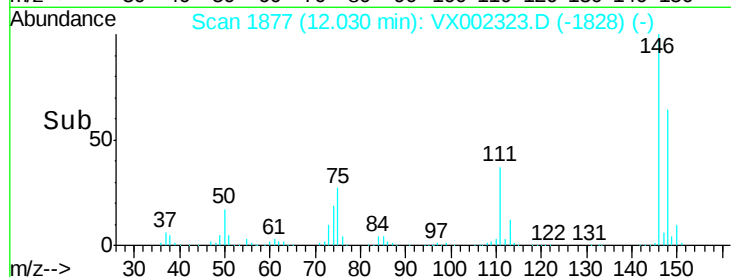
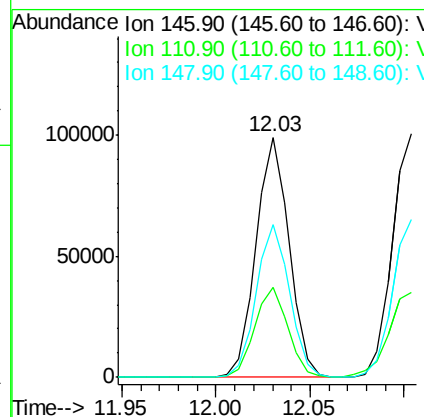
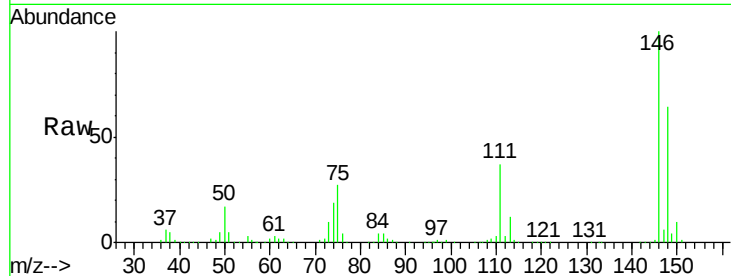
#87  
 1,3-Dichlorobenzene  
 Concen: 17.597 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 18.9  | 56.7  |
| 148     | 64.5  | 32.1  | 96.3  |

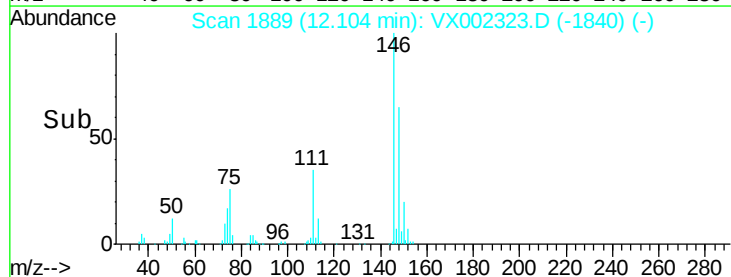
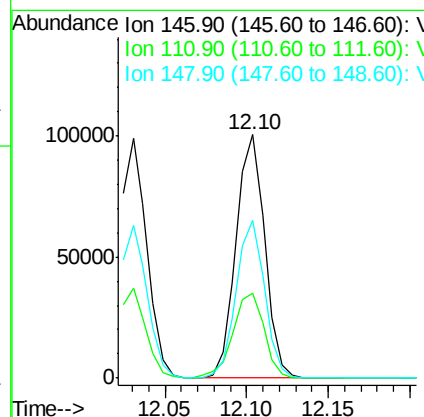
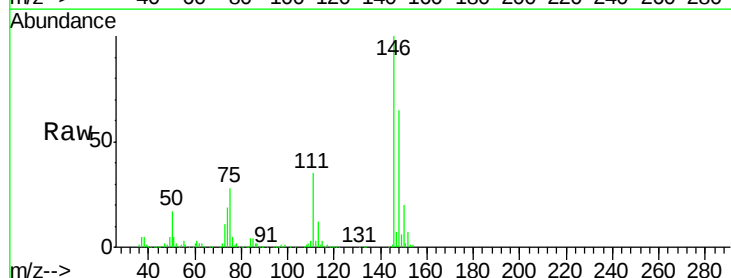
Manual Integrations  
 APPROVED

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 6/6/2018 4:10:45 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 17.528 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.7  | 56.1  |
| 148     | 64.3  | 32.4  | 97.0  |





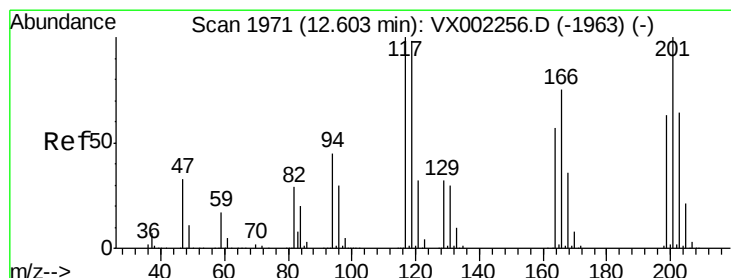
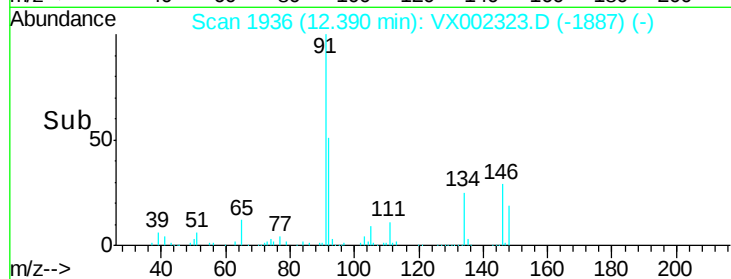
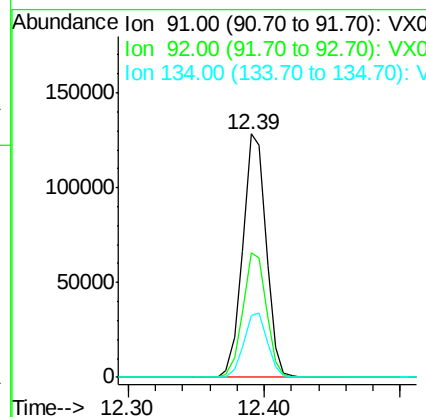
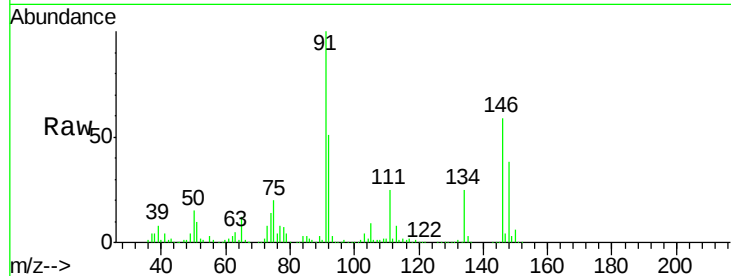
#89  
n-Butylbenzene  
Concen: 15.120 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.3  | 26.0  | 78.0  |
| 134     | 26.6  | 13.5  | 40.5  |

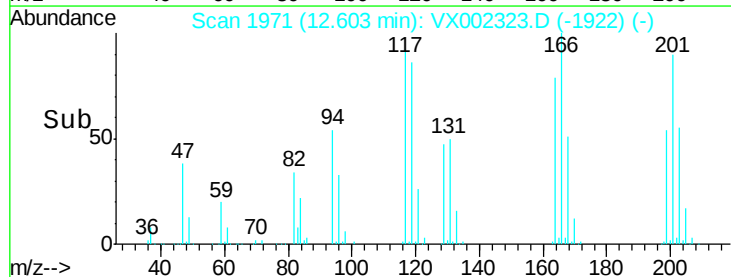
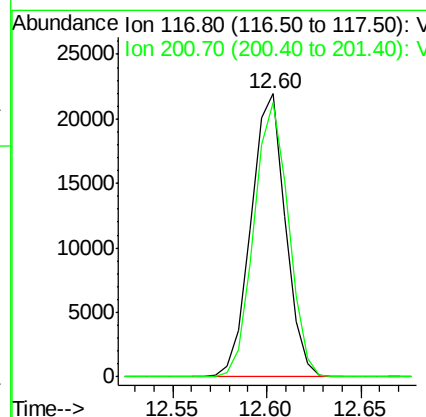
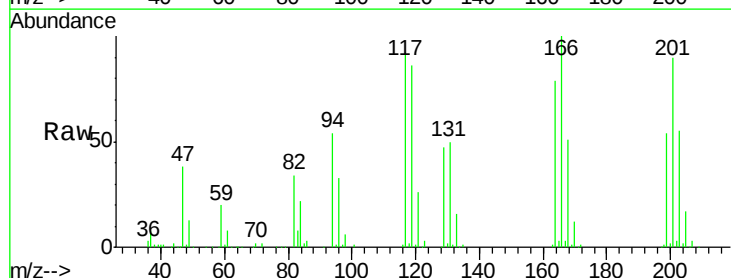
Manual Integrations  
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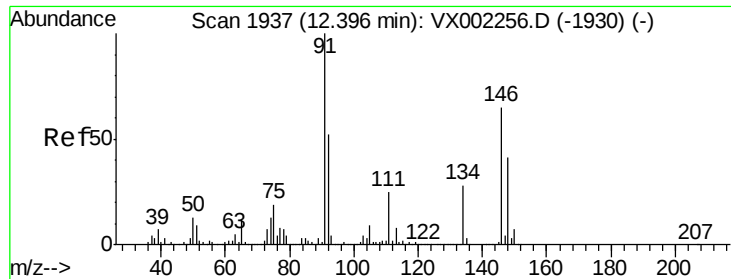
MMDadoda  
6/6/2018 4:10:45 PM



#90  
Hexachloroethane  
Concen: 14.316 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VX002323.D  
Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 96.9  | 49.0  | 147.0 |





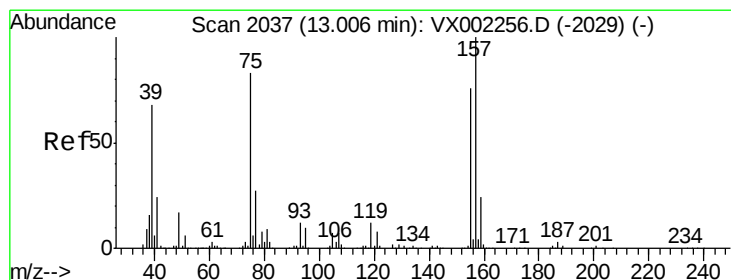
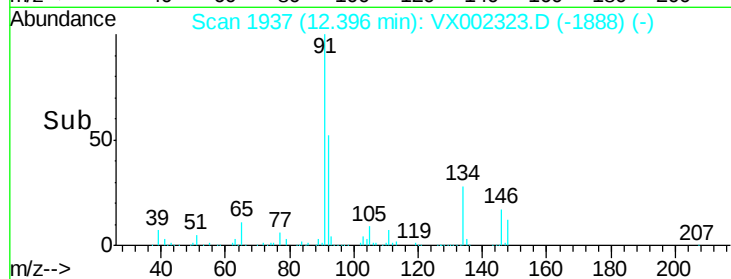
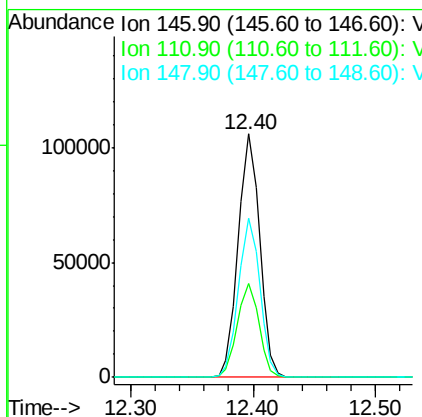
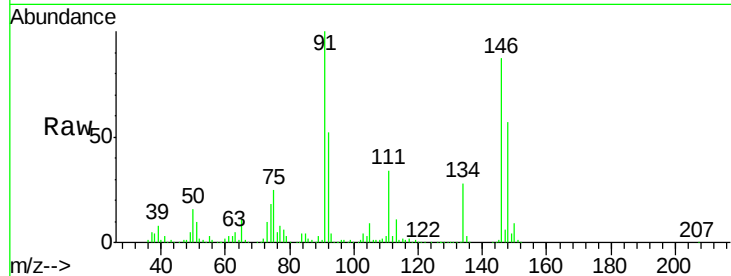
#91  
 1,2-Dichlorobenzene  
 Concen: 18.248 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0605WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 19.4  | 58.1  |
| 148     | 65.1  | 31.7  | 95.1  |

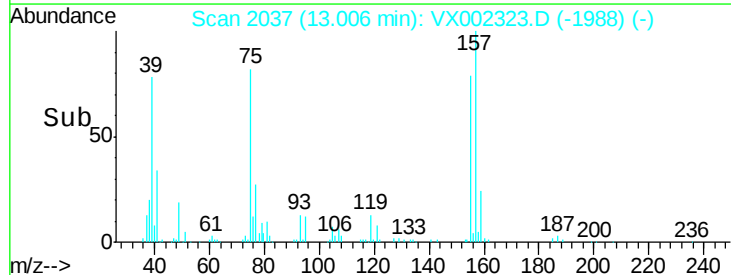
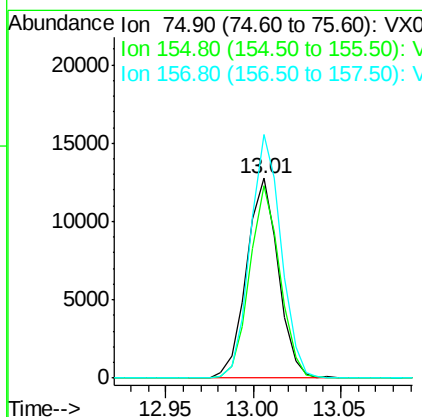
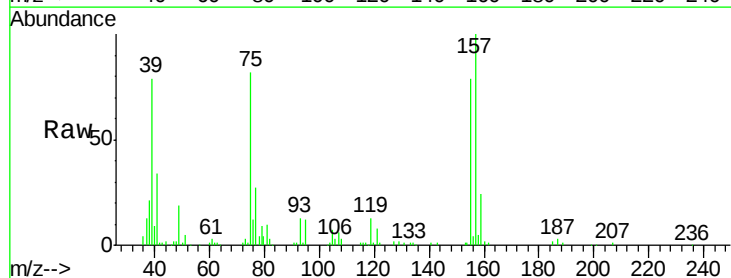
Manual Integrations  
 APPROVED

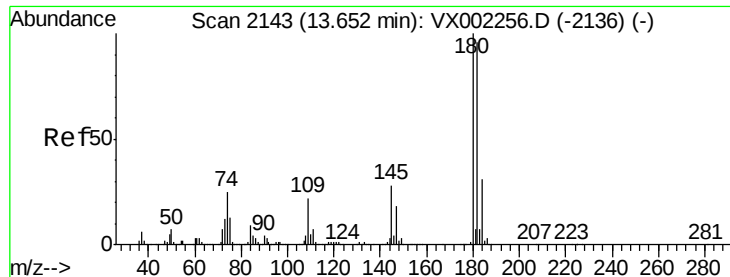
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.215 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.7  | 45.8  | 137.4 |
| 157     | 118.3 | 60.1  | 180.3 |





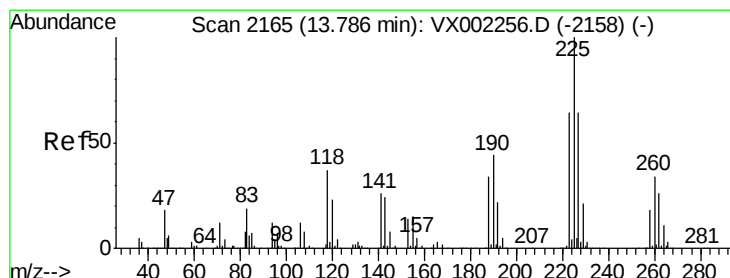
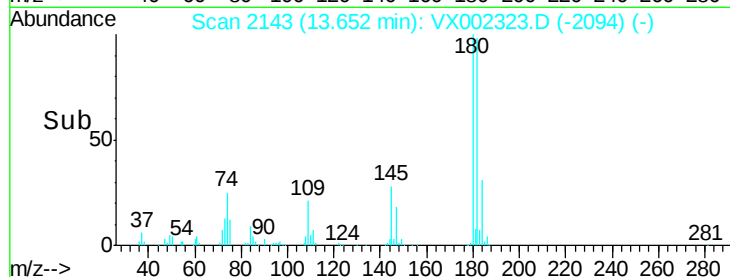
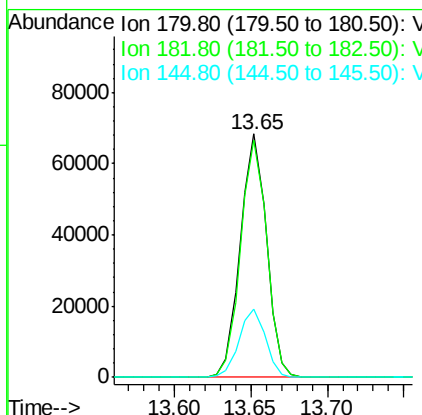
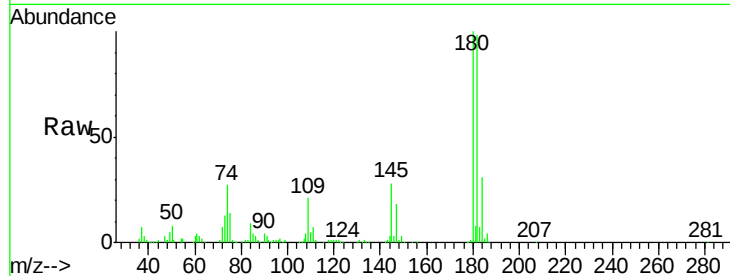
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.385 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0605WBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 81267 |       |       |
| 182     | 97.4  | 47.7  | 143.1 |       |
| 145     | 28.3  | 14.1  | 42.4  |       |

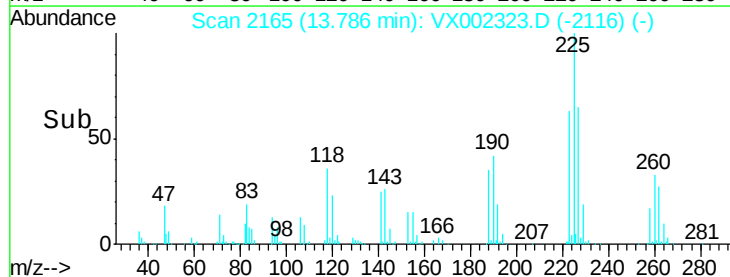
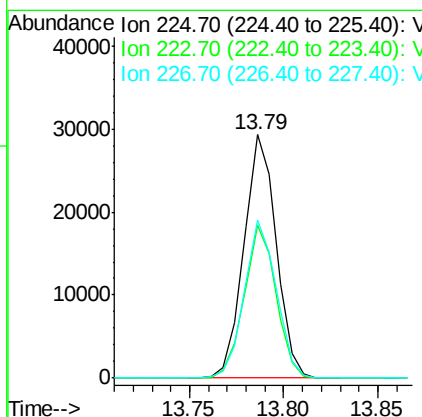
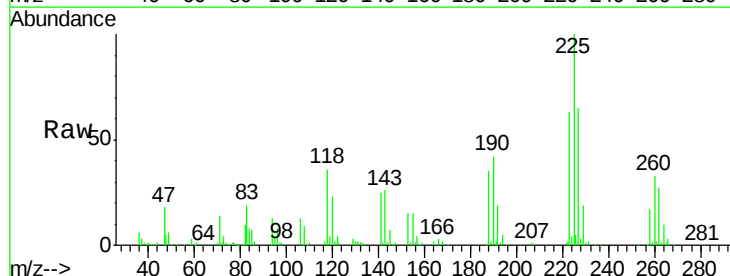
Manual Integrations  
 APPROVED

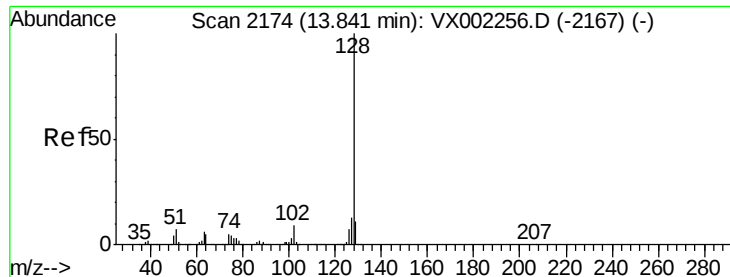
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#94  
 Hexachlorobutadiene  
 Concen: 14.198 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX002323.D  
 Acq: 05 Jun 2018 23:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 34798 |       |       |
| 223     | 62.0  | 31.6  | 95.0  |       |
| 227     | 64.6  | 32.4  | 97.2  |       |





#95

Naphthalene

Concen: 18.564 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

Instrument :

MSVOA\_X

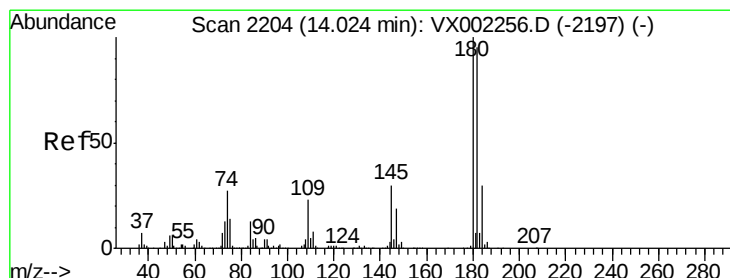
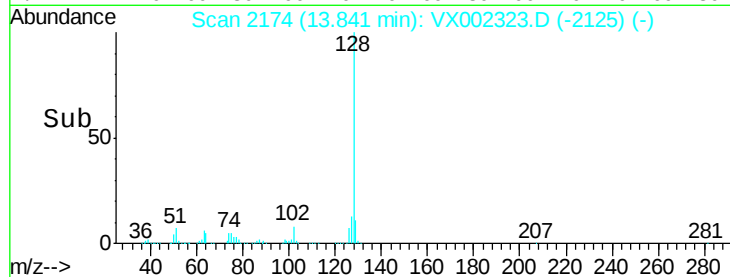
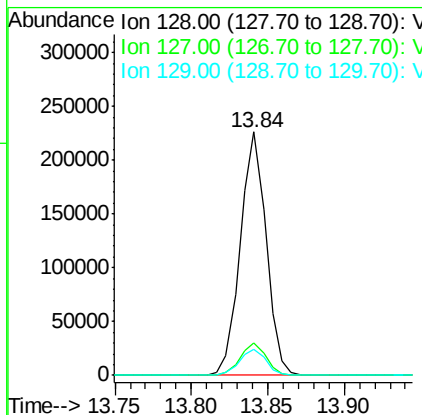
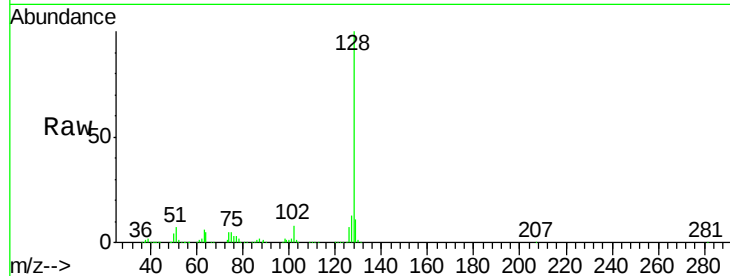
ClientSampleId :

VX0605WBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 264547 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.4  | 15.6   |
| 129       | 10.8  | 8.6   | 13.0   |

Manual Integrations  
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6/6/2018 4:10:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.602 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002323.D

Acq: 05 Jun 2018 23:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 89037 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.6  | 48.0  | 144.0 |
| 145       | 29.7  | 14.8  | 44.3  |

