

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\  
 Data File : VX008595.D  
 Acq On : 02 Apr 2019 16:06  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/3/2019 10:51:11 AM

Quant Time: Apr 03 04:12:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 07:57:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 196959   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 324153   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 291213   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 145120   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 115079   | 38.54 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 77.08% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 86035    | 40.70 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 81.40% |          |
| 50) Toluene-d8              | 8.71  | 98   | 343378   | 40.63 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 81.26% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 133166   | 42.52 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.04% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 95111    | 40.967  | ug/l  | 100    |
| 3) Chloromethane              | 1.32 | 50   | 128823   | 43.891  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.40 | 62   | 132497   | 40.874  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 66556    | 39.513  | ug/l  | 99     |
| 6) Chloroethane               | 1.71 | 64   | 84612    | 44.062  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 157666   | 42.946  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.18 | 74   | 74156    | 42.681  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 101735   | 45.853  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.50 | 142  | 84280    | 39.945  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.06 | 59   | 162501   | 245.633 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 98067    | 42.798  | ug/l  | 98     |
| 13) Acrolein                  | 2.29 | 56   | 131908   | 274.568 | ug/l  | 100    |
| 14) Allyl chloride            | 2.72 | 41   | 241977   | 47.934  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.14 | 53   | 414323   | 238.841 | ug/l  | 100    |
| 16) Acetone                   | 2.44 | 43   | 431651   | 276.589 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.56 | 76   | 287356   | 43.660  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.77 | 43   | 186092   | 49.649  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73   | 402173   | 48.705  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.85 | 84   | 125563   | 49.288  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 110496   | 48.386  | ug/l  | 100    |
| 22) Diisopropyl ether         | 3.85 | 45   | 476450   | 47.932  | ug/l  | 93     |
| 23) Vinyl Acetate             | 3.81 | 43   | 2112396  | 243.583 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 236599   | 47.147  | ug/l  | 100    |
| 25) 2-Butanone                | 4.67 | 43   | 643283   | 257.112 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 174712   | 52.344  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 132682   | 47.353  | ug/l  | 100    |
| 28) Bromochloromethane        | 5.01 | 49   | 113277   | 45.690  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.12 | 42   | 389808   | 236.395 | ug/l  | 99     |
| 30) Chloroform                | 5.20 | 83   | 216752   | 47.860  | ug/l  | 100    |
| 31) Cyclohexane               | 5.57 | 56   | 226266   | 47.275  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 175363   | 48.442  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 165921   | 48.007  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.83 | 43   | 228344   | 50.999  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 147434   | 51.116  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/3/2019 10:51:11 AM

Quant Time: Apr 03 04:12:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 07:57:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 212253   | 51.388  | ug/l  | 98       |
| 40) Benzene                    | 6.13  | 78   | 506306   | 48.933  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 130547   | 51.883  | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 182796   | 48.252  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.44  | 43   | 363852   | 50.805  | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 119144   | 49.042  | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 147519   | 50.159  | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 83118    | 48.398  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 170417   | 51.842  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 185178   | 51.676  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 62971    | 883.797 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1217498  | 261.739 | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 307835   | 49.757  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 196592   | 54.601  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 216081   | 52.777  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 126815   | 50.355  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 236954   | 52.124  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 222646   | 49.309  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 698838   | 297.392 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 957855   | 265.754 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 126058   | 52.632  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 129007   | 50.195  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 100758   | 51.107  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 320869   | 50.666  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 113926   | 52.141  | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 604469   | 50.574  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 441635   | 101.568 | ug/l  | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 214157   | 50.753  | ug/l  | 100      |
| 70) Styrene                    | 10.71 | 104  | 383071   | 52.557  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 94544    | 54.792  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 578740   | 49.020  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 342330   | 50.095  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 215778   | 47.105  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 187665m  | 43.498  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 137011   | 47.816  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 695873   | 50.315  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 403766   | 47.999  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 492761   | 49.369  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 73481    | 54.551  | ug/l  | 100      |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 469891   | 48.426  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 475390   | 49.366  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 494852   | 49.017  | ug/l  | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 578568   | 50.451  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 521797   | 51.565  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 255343   | 49.876  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 251798   | 48.734  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 506178   | 52.805  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 88649    | 52.586  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 251491   | 49.054  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 47798    | 47.855  | ug/l  | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\  
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Acq On : 02 Apr 2019 16:06  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

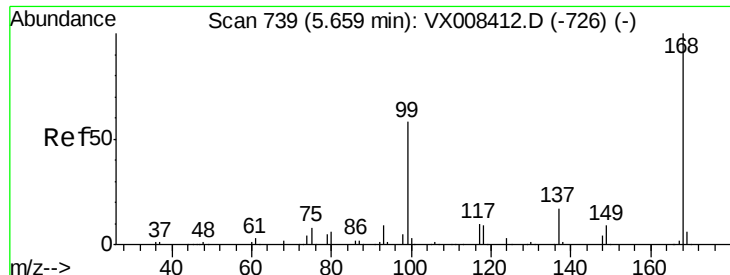
MMDadoda  
4/3/2019 10:51:11 AM

Quant Time: Apr 03 04:12:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 26 07:57:20 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 181197   | 52.495 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 89132    | 54.383 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 588162   | 49.701 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 179026   | 51.615 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 196959

Ion Ratio Lower Upper

168 100

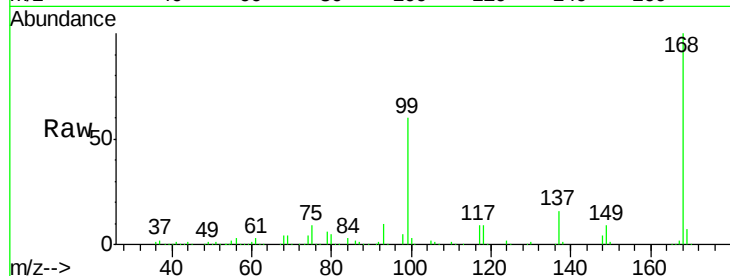
99 59.4 46.0 69.0

Manual Integrations

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4/3/2019 10:51:11 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

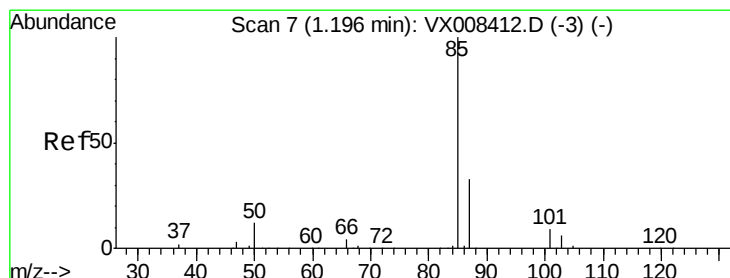
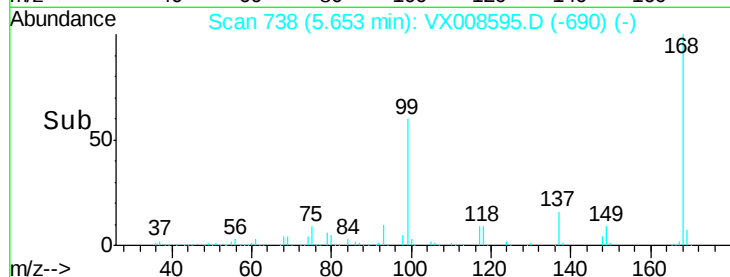
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.967 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008595.D

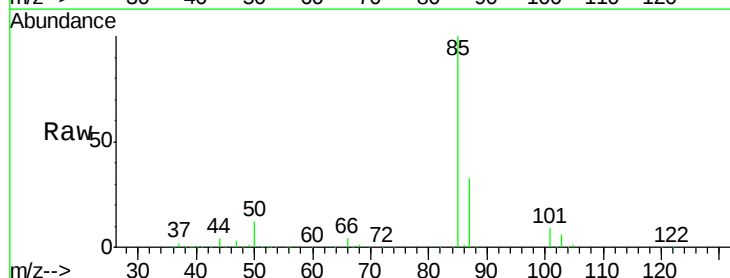
Acq: 02 Apr 2019 16:06

Tgt Ion: 85 Resp: 95111

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

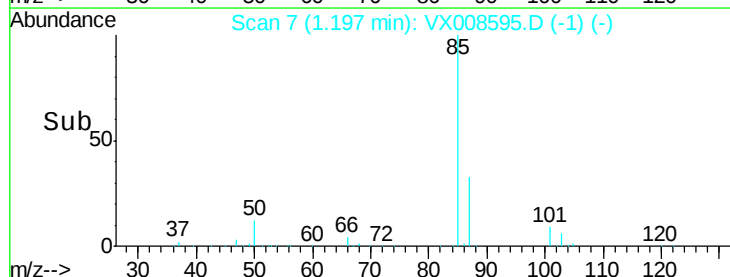
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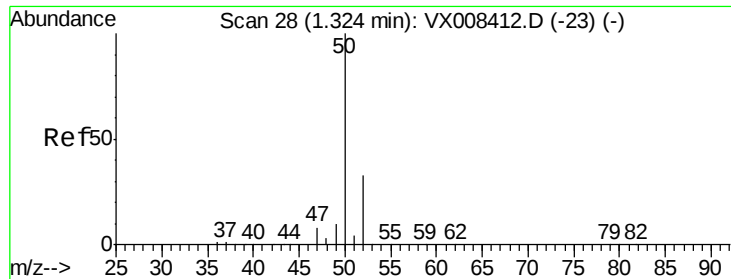
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20000

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Time-->





#3

Chloromethane

Concen: 43.891 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 128823

Ion Ratio Lower Upper

50 100

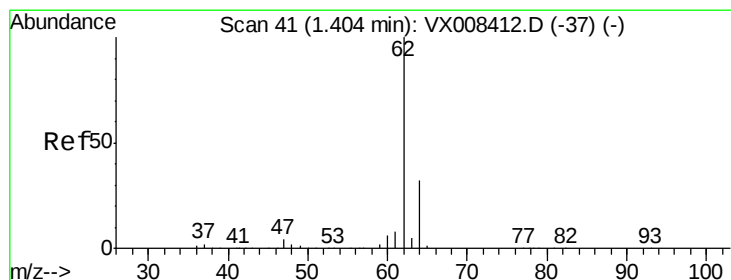
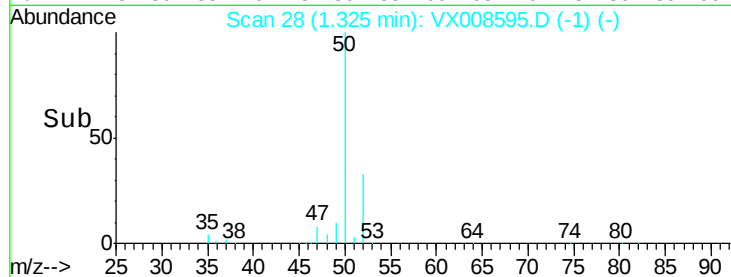
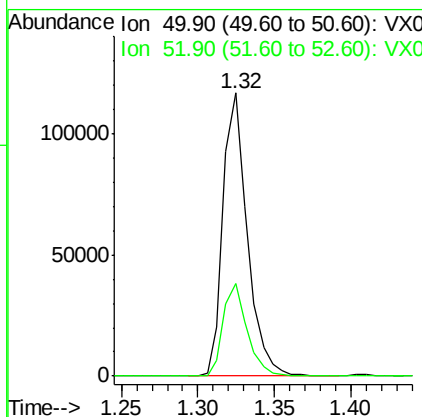
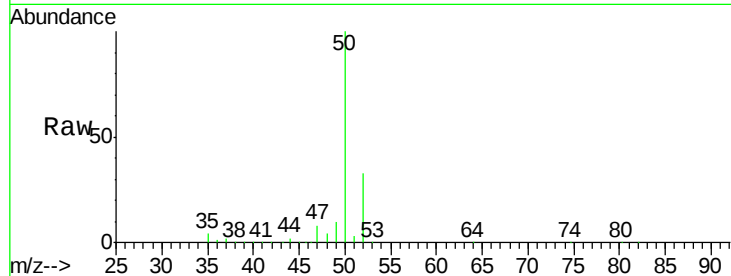
52 32.9 26.2 39.2

Manual Integrations

APPROVED

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4/3/2019 10:51:11 AM



#4

Vinyl Chloride

Concen: 40.874 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008595.D

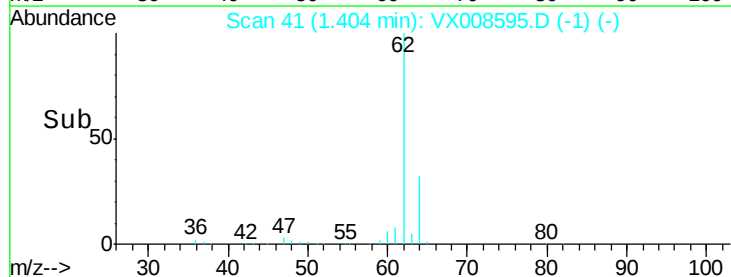
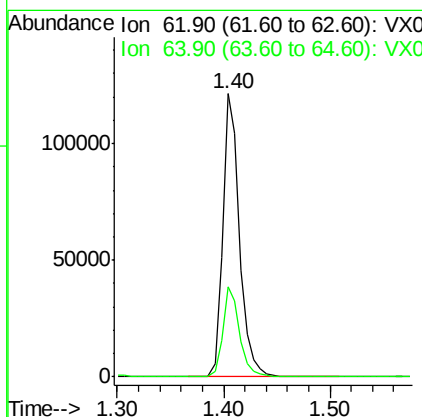
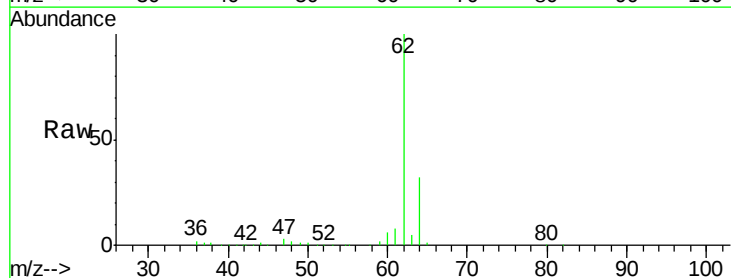
Acq: 02 Apr 2019 16:06

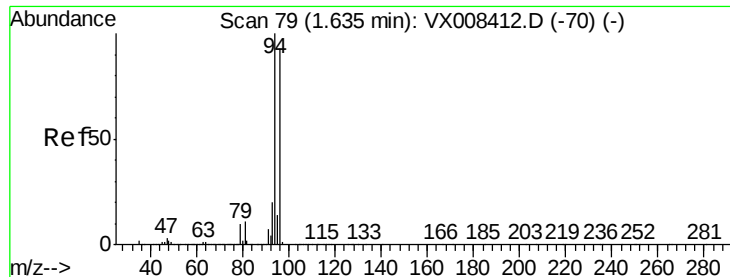
Tgt Ion: 62 Resp: 132497

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 39.513 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66556

Ion Ratio Lower Upper

94 100

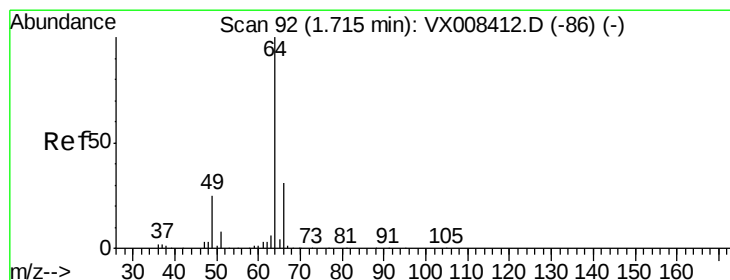
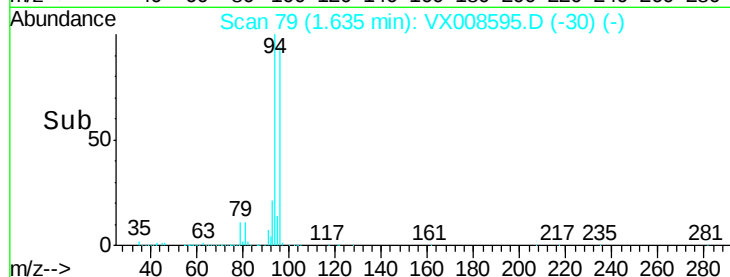
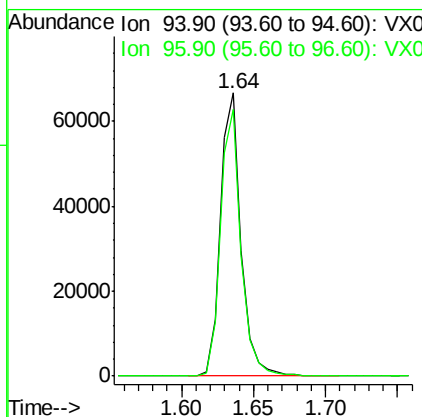
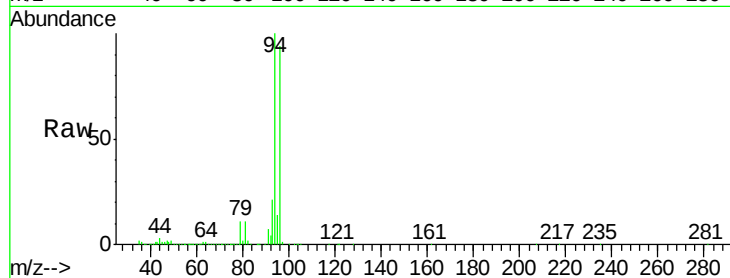
96 94.3 74.8 112.2

Manual Integrations

APPROVED

MMDadoda

4/3/2019 10:51:11 AM



#6

Chloroethane

Concen: 44.062 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008595.D

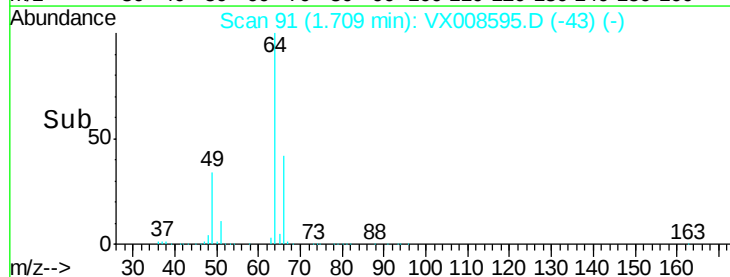
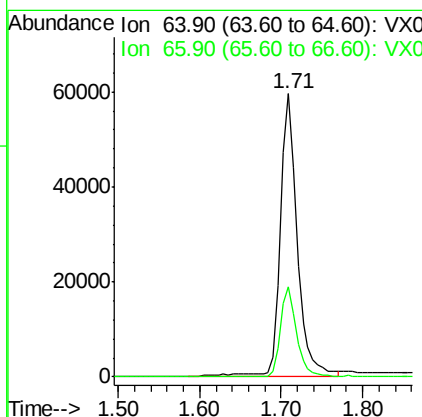
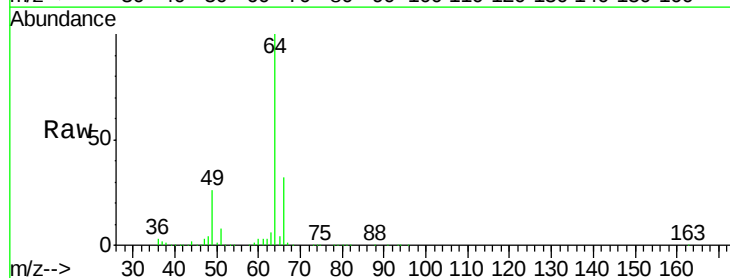
Acq: 02 Apr 2019 16:06

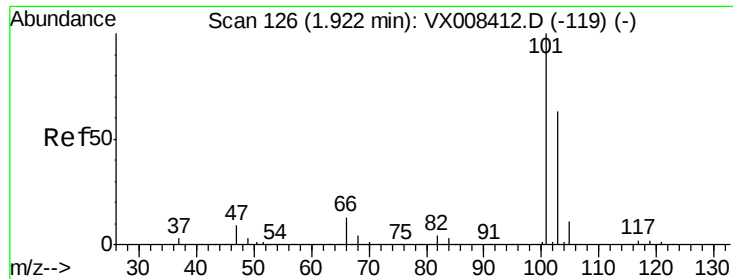
Tgt Ion: 64 Resp: 84612

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7





#7

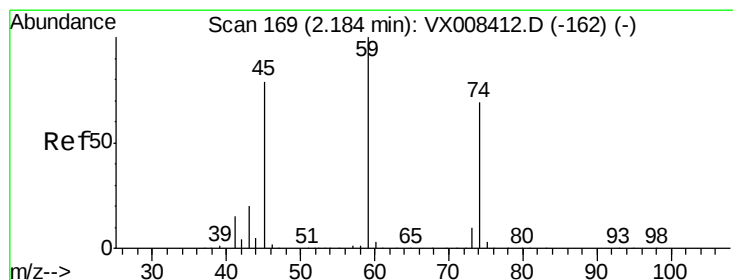
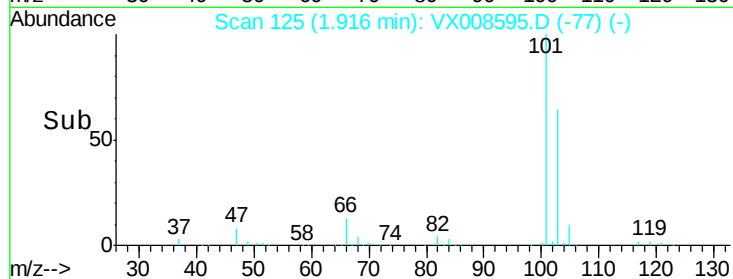
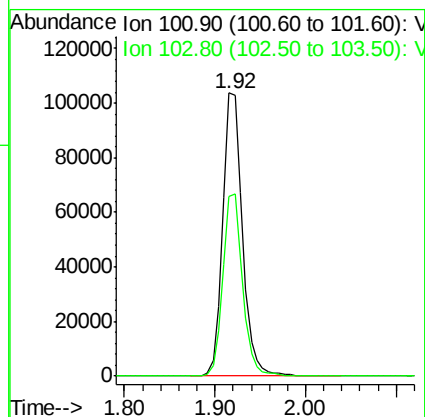
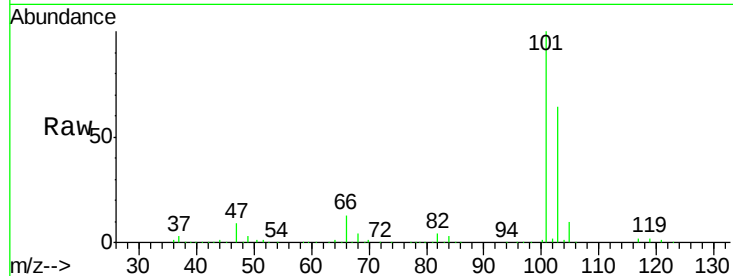
Trichlorofluoromethane  
Concen: 42.946 ug/l  
RT: 1.92 min Scan# 125  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 157666  
Ion Ratio Lower Upper  
101 100  
103 63.7 50.2 75.4

Manual Integrations  
APPROVED

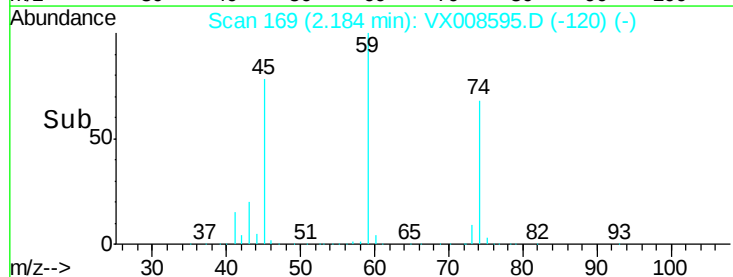
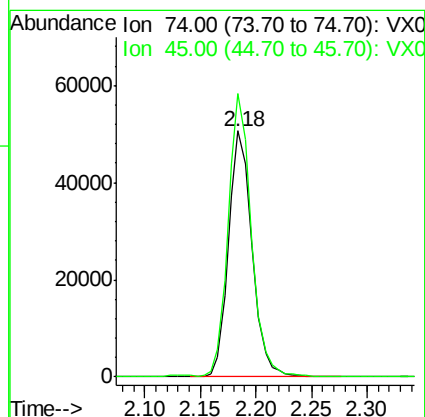
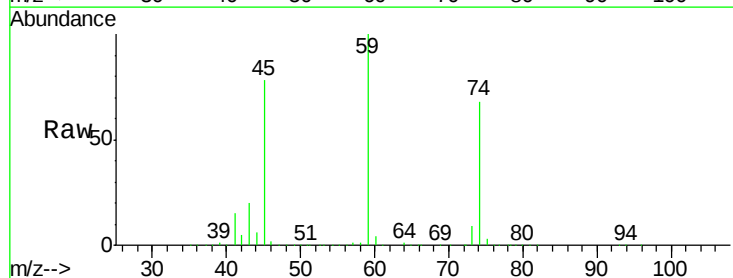
MMDadoda  
4/3/2019 10:51:11 AM

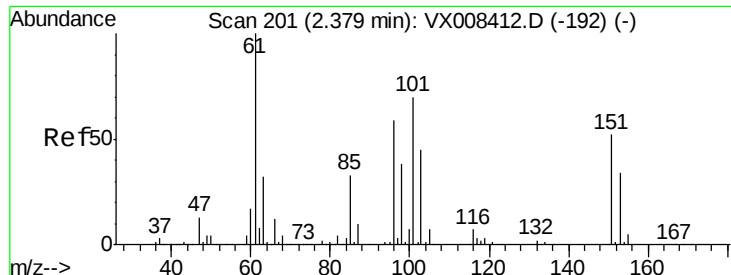


#8

Diethyl Ether  
Concen: 42.681 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Tgt Ion: 74 Resp: 74156  
Ion Ratio Lower Upper  
74 100  
45 112.1 56.4 169.2





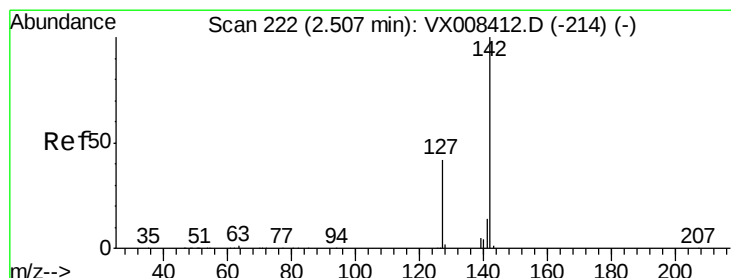
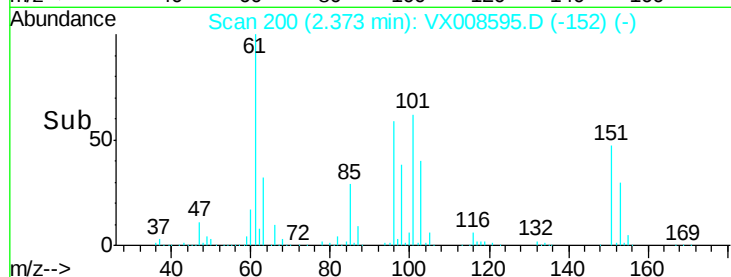
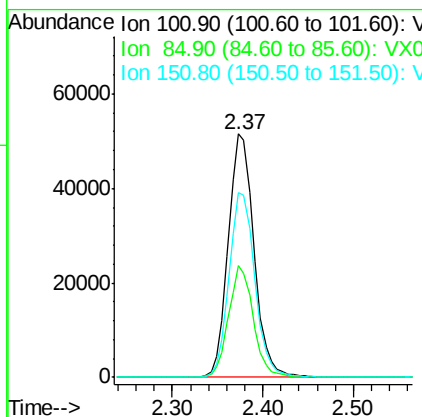
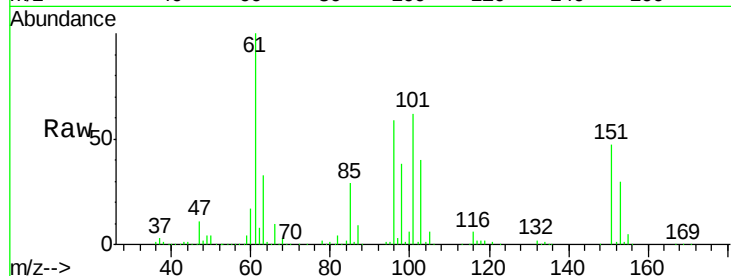
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.853 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 101735 |       |       |
| 85      | 43.8  | 36.0   | 54.0  |       |
| 151     | 76.2  | 59.2   | 88.8  |       |

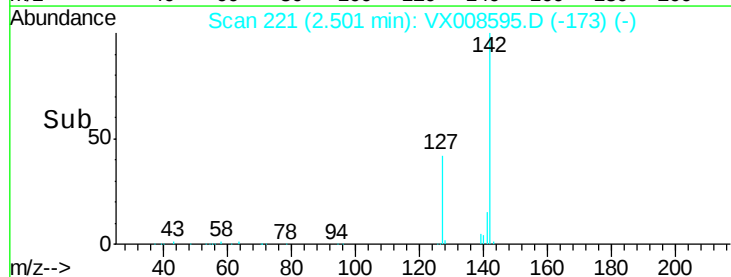
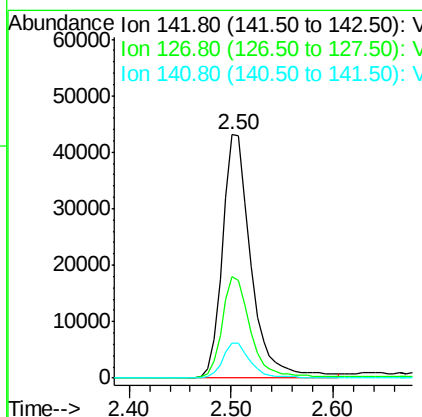
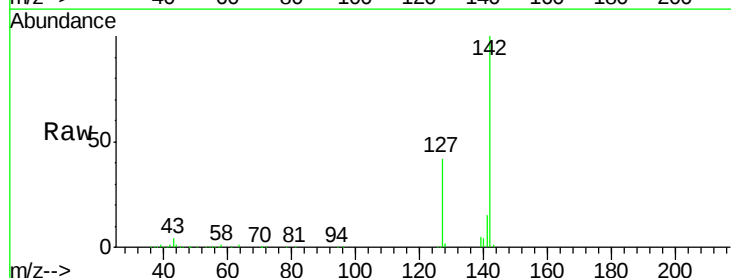
Manual Integrations  
APPROVED

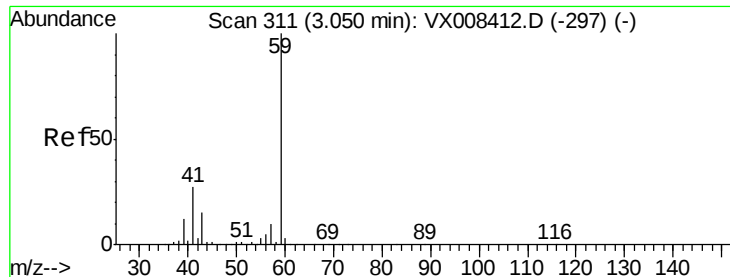
MMDadoda  
4/3/2019 10:51:11 AM



#10  
Methyl Iodide  
Concen: 39.945 ug/l  
RT: 2.50 min Scan# 221  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 142     | 100   | 84280 |       |       |
| 127     | 41.0  | 33.6  | 50.4  |       |
| 141     | 14.2  | 11.3  | 16.9  |       |





#11

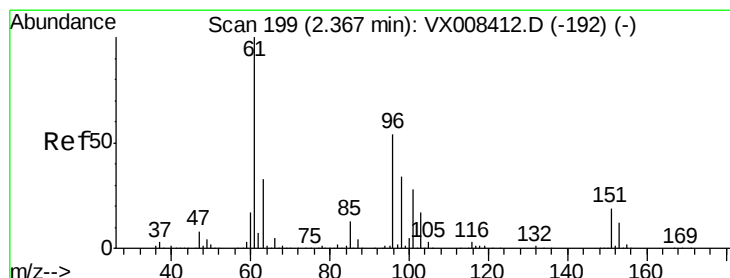
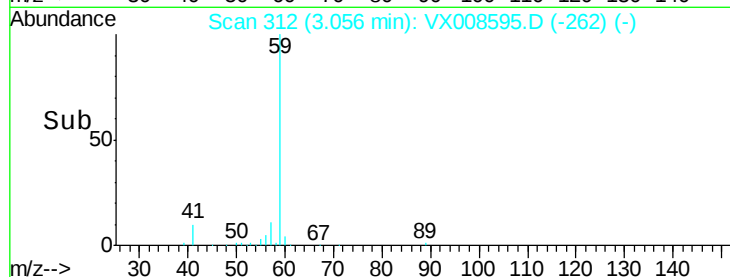
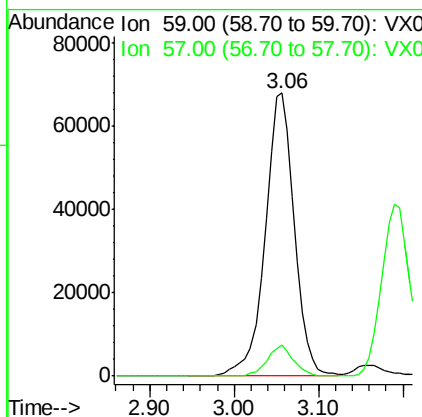
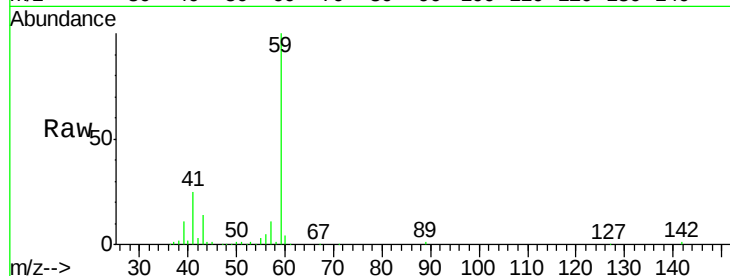
Tert butyl alcohol  
Concen: 245.633 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. 0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 162501  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.2 12.4

Manual Integrations  
APPROVED

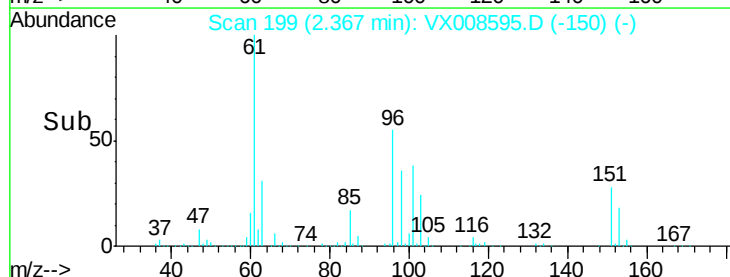
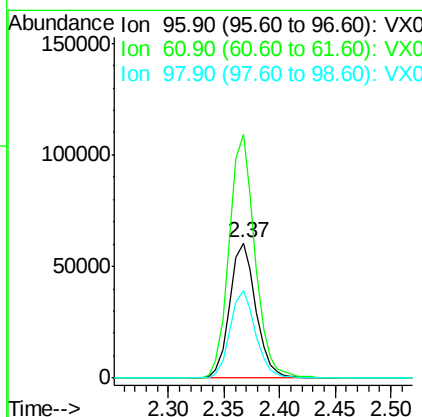
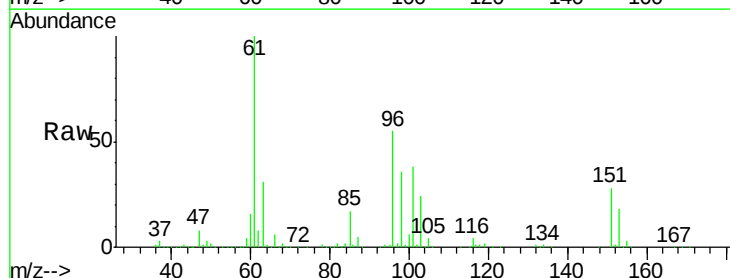
MMDadoda  
4/3/2019 10:51:11 AM

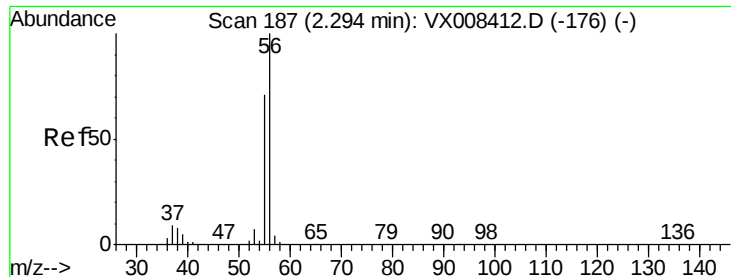


#12

1,1-Dichloroethene  
Concen: 42.798 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Tgt Ion: 96 Resp: 98067  
Ion Ratio Lower Upper  
96 100  
61 180.4 146.9 220.3  
98 64.5 50.1 75.1





#13

Acrolein

Concen: 274.568 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 131908

Ion Ratio Lower Upper

56 100

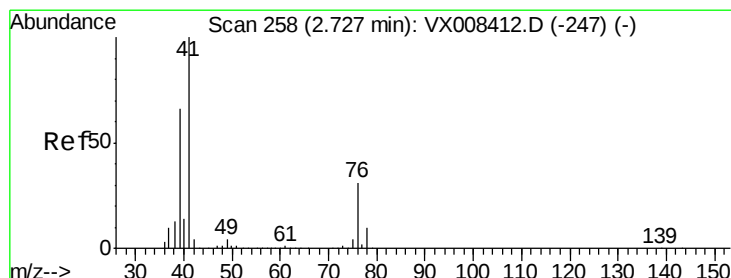
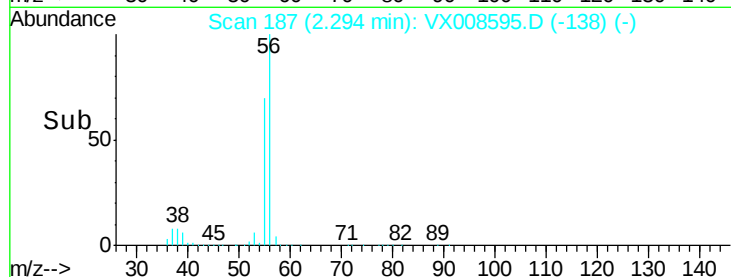
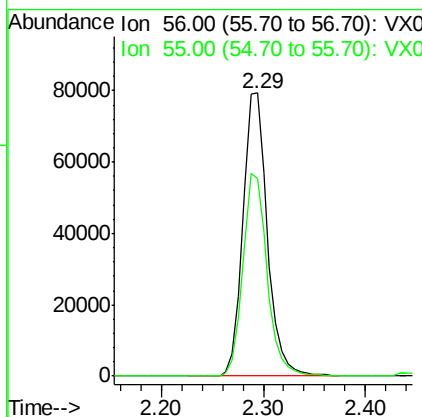
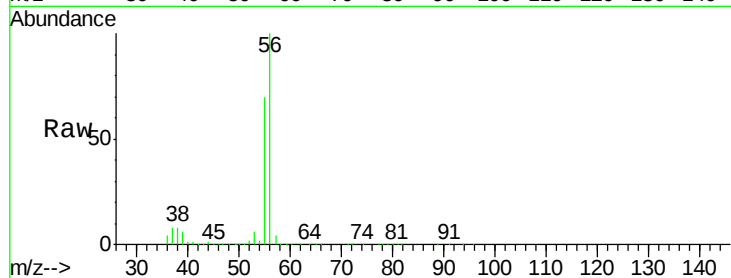
55 70.9 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 47.934 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

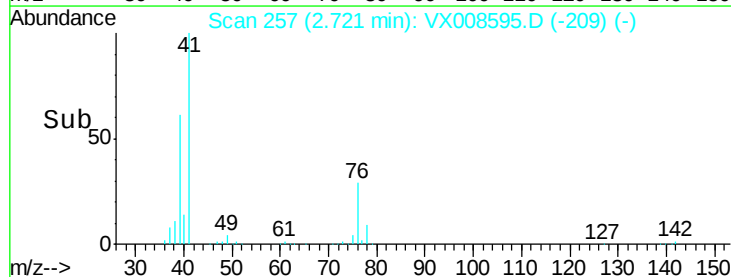
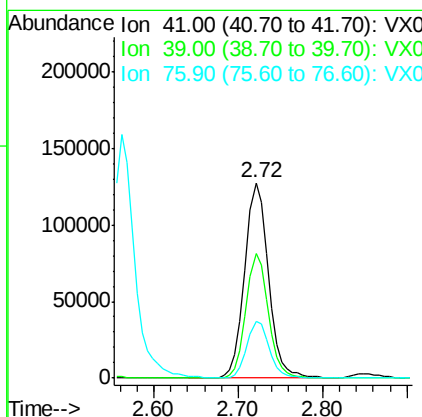
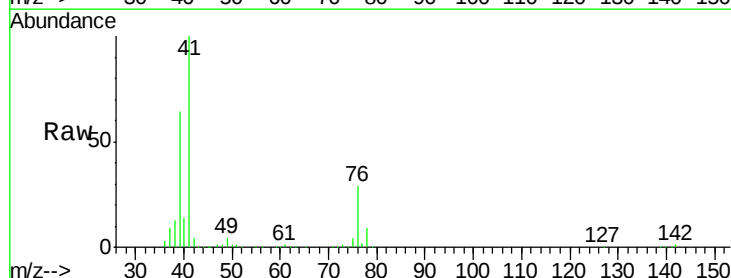
Tgt Ion: 41 Resp: 241977

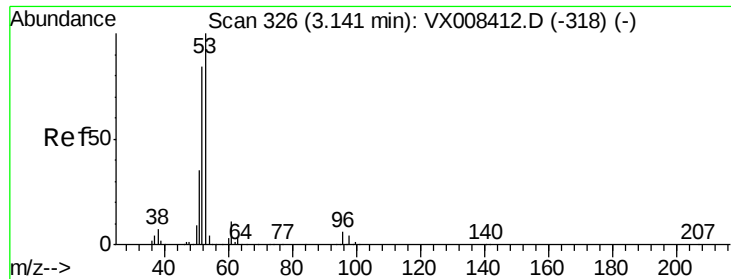
Ion Ratio Lower Upper

41 100

39 60.1 49.6 74.4

76 27.4 22.6 34.0





#15

Acrylonitrile

Concen: 238.841 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

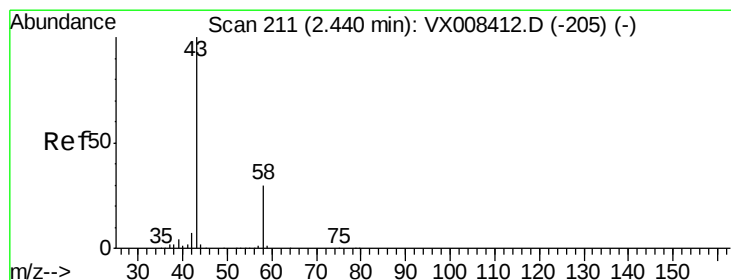
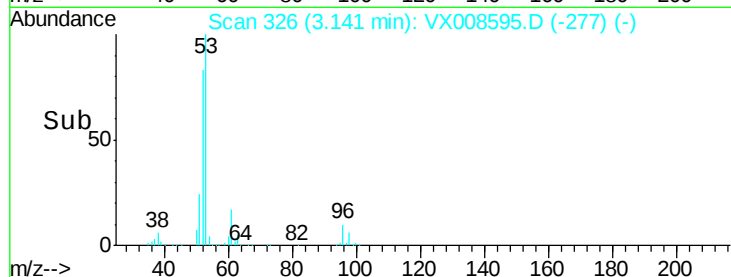
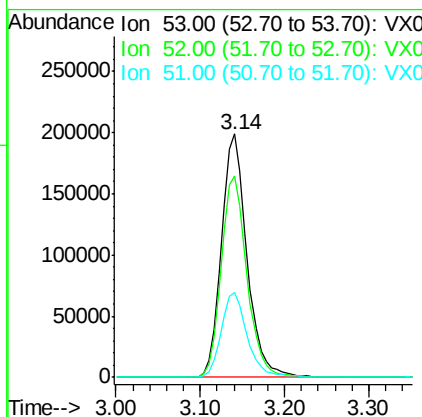
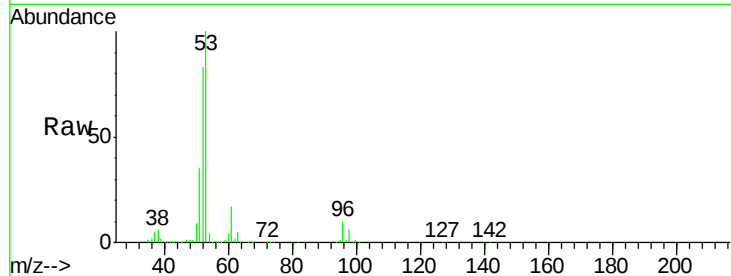
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 414323 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.5  | 66.5  | 99.7   |
| 51       | 35.6  | 28.3  | 42.5   |

Manual Integrations  
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#16

Acetone

Concen: 276.589 ug/l

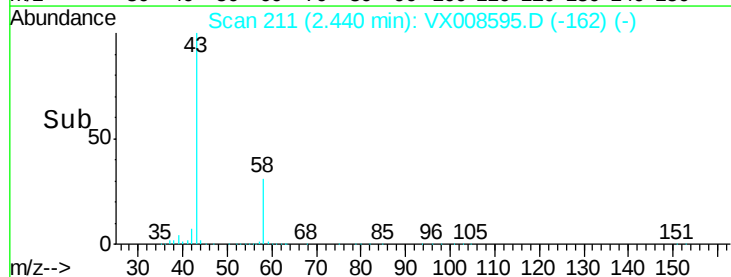
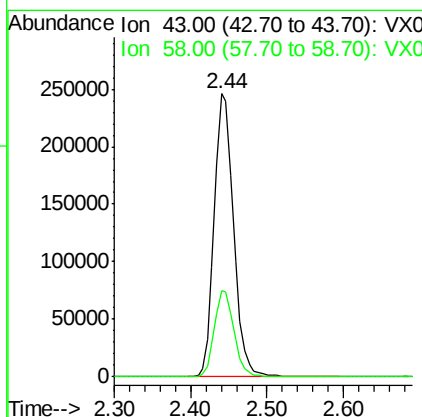
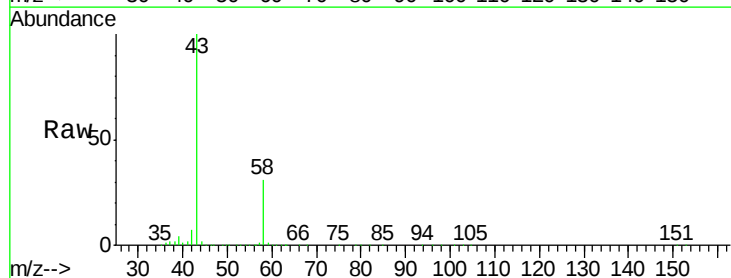
RT: 2.44 min Scan# 211

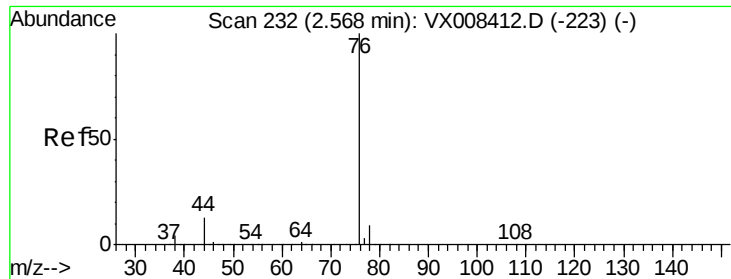
Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 431651 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.7  | 24.2  | 36.2   |





#17

Carbon Disulfide

Concen: 43.660 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 287356

Ion Ratio Lower Upper

76 100

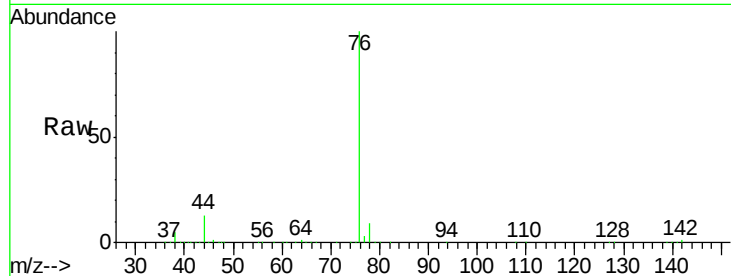
78 9.4 7.4 11.2

Manual Integrations

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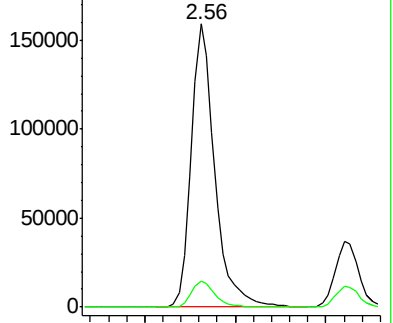
MMDadoda

4/3/2019 10:51:11 AM

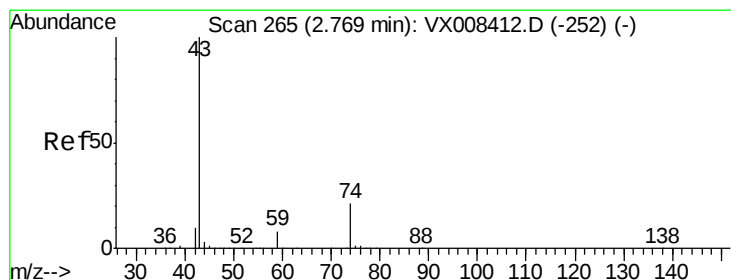
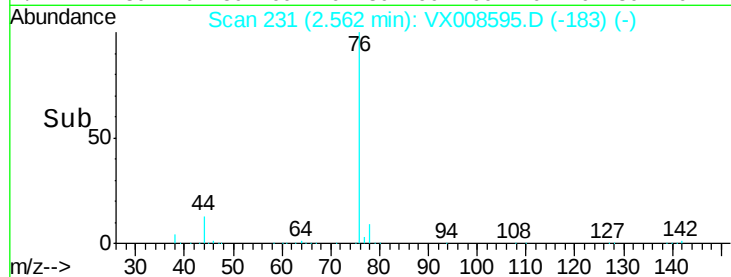


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 49.649 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008595.D

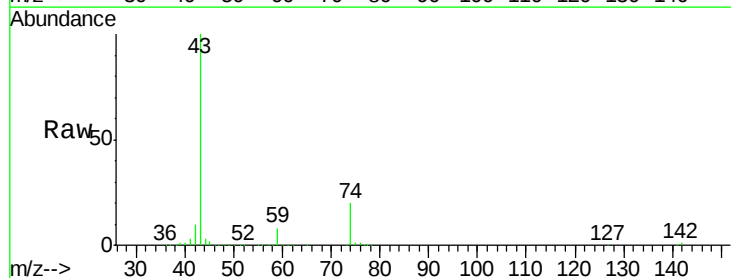
Acq: 02 Apr 2019 16:06

Tgt Ion: 43 Resp: 186092

Ion Ratio Lower Upper

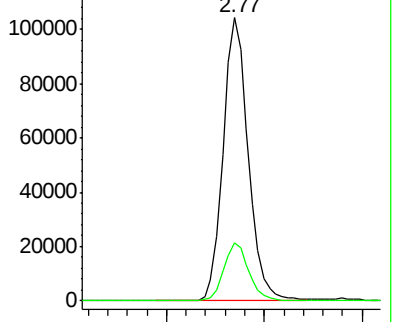
43 100

74 20.5 16.7 25.1

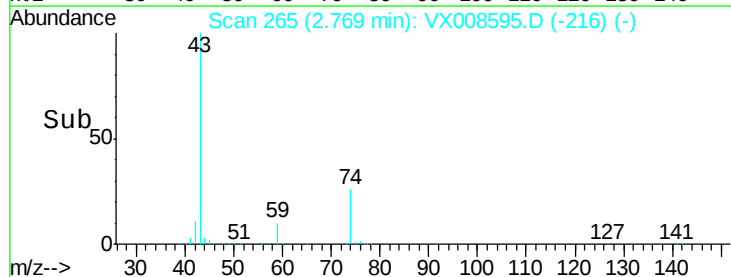


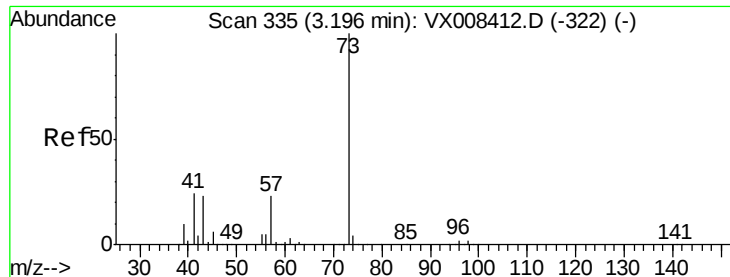
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





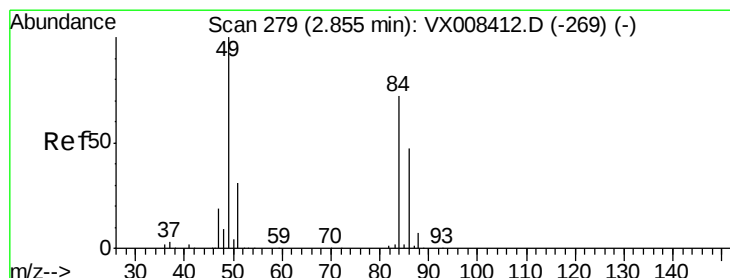
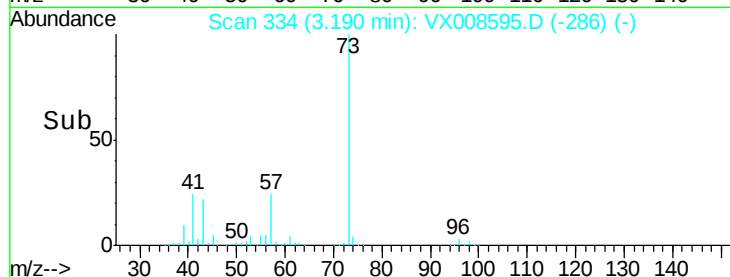
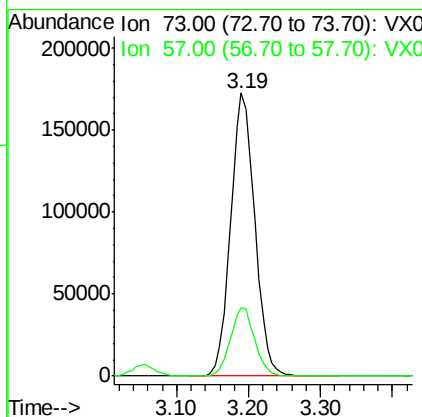
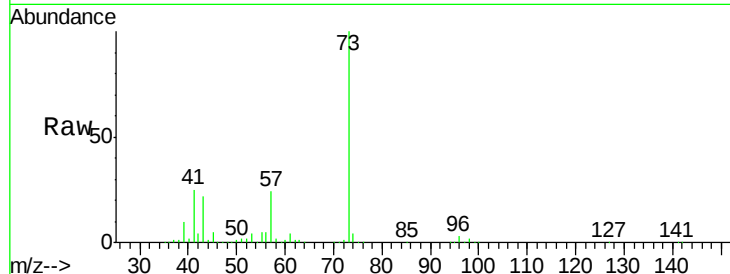
#19  
Methvl tert-butvl Ether  
Concen: 48.705 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 402173  
Ion Ratio Lower Upper  
73 100  
57 23.9 18.6 28.0

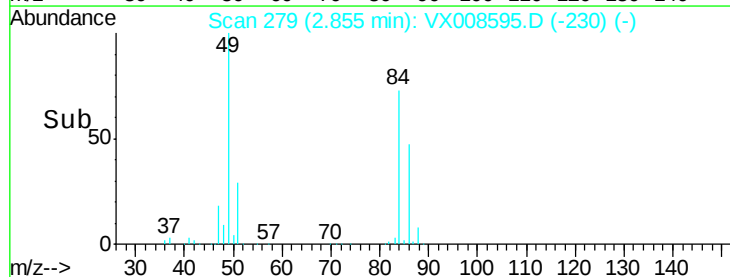
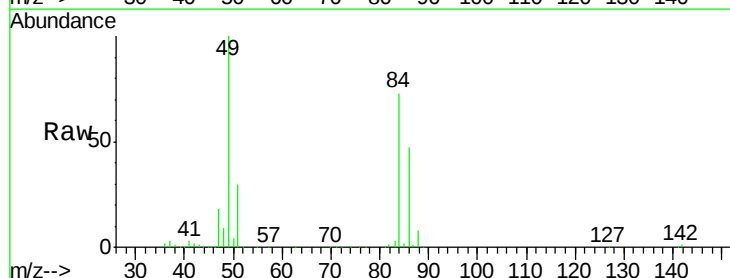
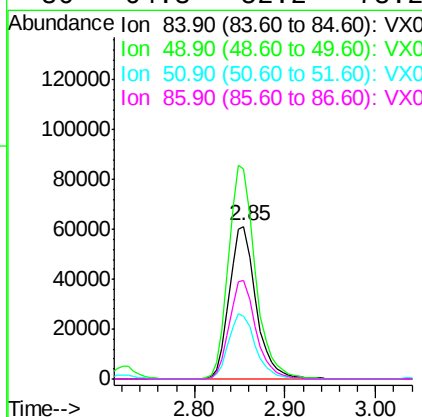
Manual Integrations  
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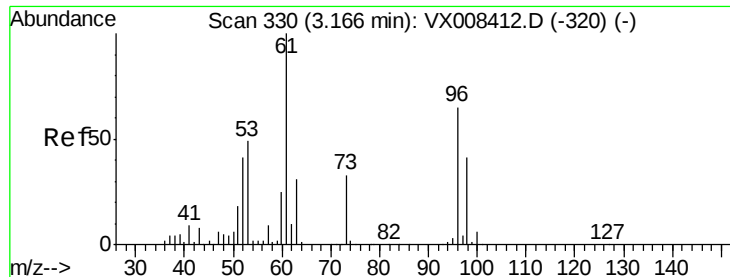
MMDadoda  
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#20  
Methylene Chloride  
Concen: 49.288 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Tgt Ion: 84 Resp: 125563  
Ion Ratio Lower Upper  
84 100  
49 137.6 110.6 165.8  
51 40.7 33.9 50.9  
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.386 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 110496

Ion Ratio Lower Upper

96 100

61 152.6 122.6 184.0

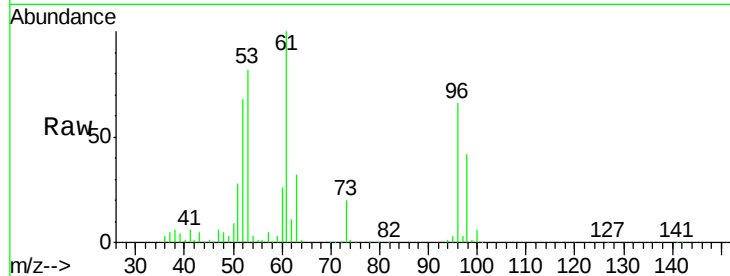
98 63.4 50.9 76.3

Manual Integrations

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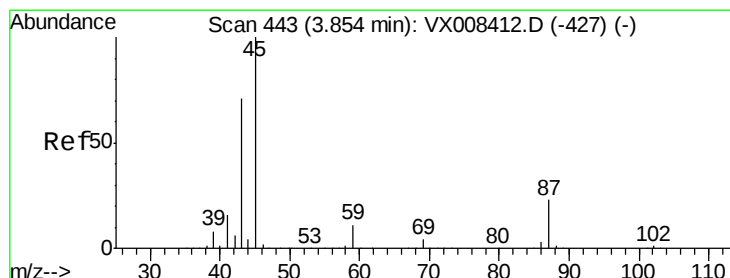
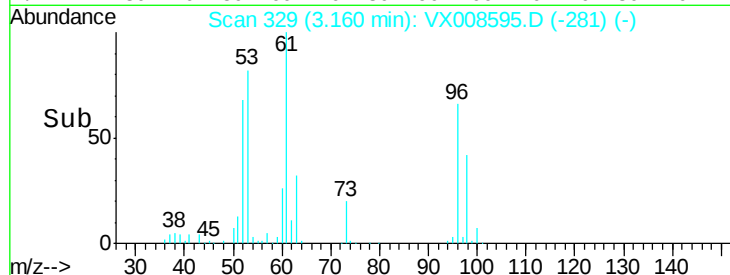
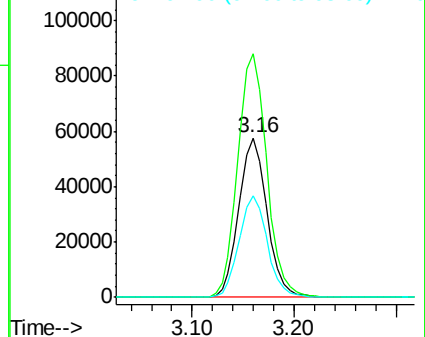


Abundance

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: 47.932 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Tgt Ion: 45 Resp: 476450

Ion Ratio Lower Upper

45 100

43 63.7 57.1 85.7

87 22.9 18.8 28.2

59 10.8 8.7 13.1

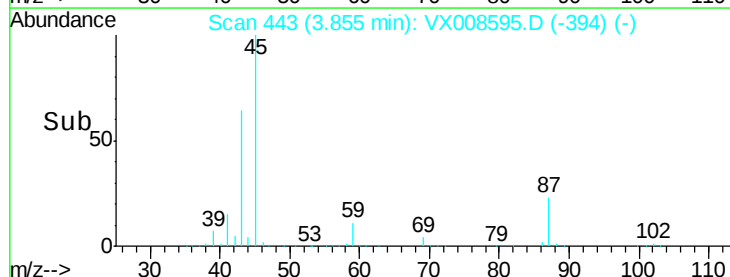
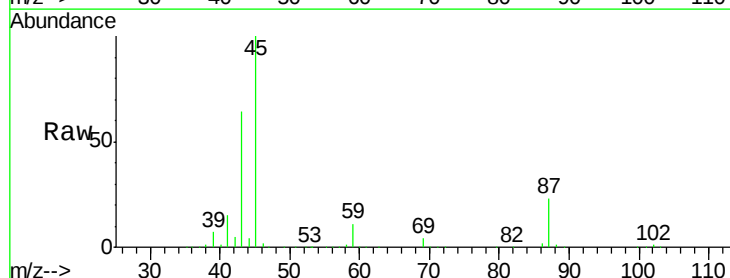
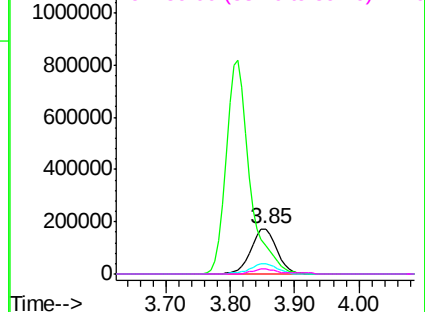
Abundance

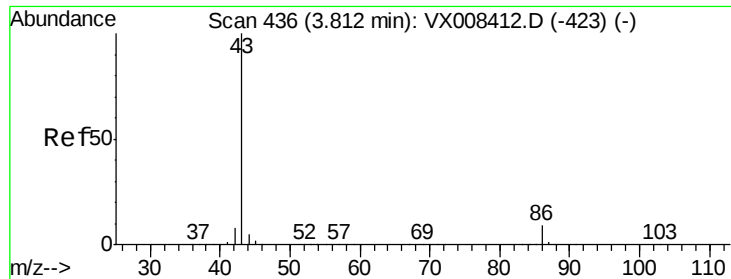
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 243.583 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2112396

Ion Ratio Lower Upper

43 100

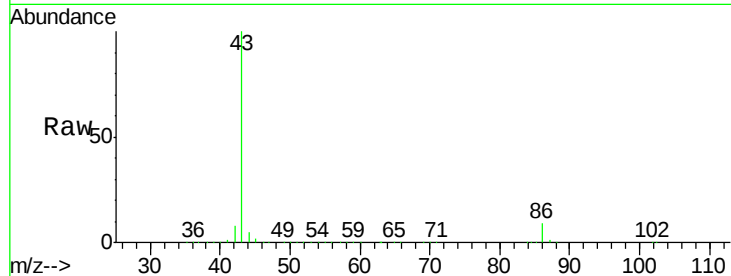
86 8.6 6.9 10.3

Manual Integrations

APPROVED

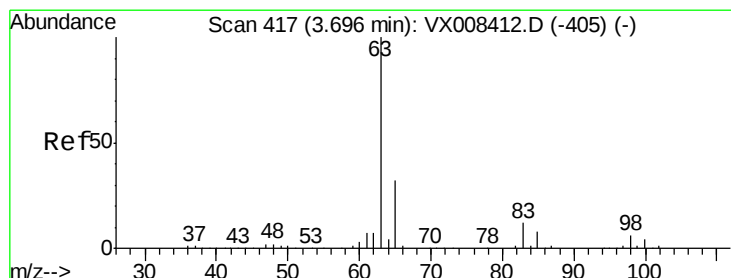
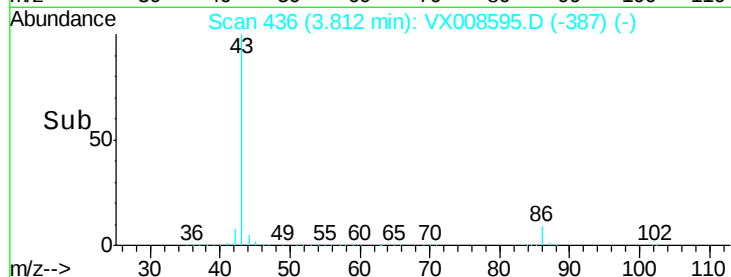
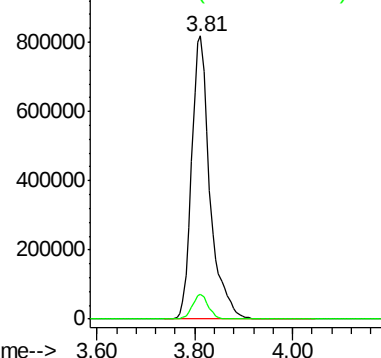
MMDadoda

4/3/2019 10:51:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.147 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

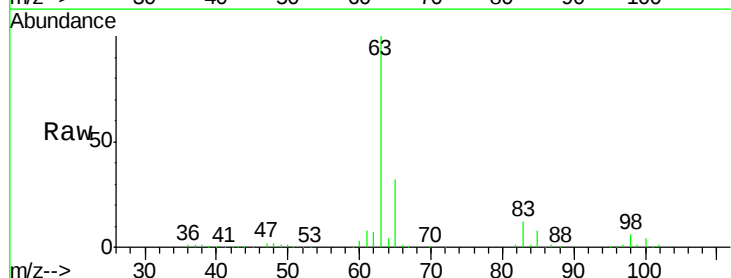
Tgt Ion: 63 Resp: 236599

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

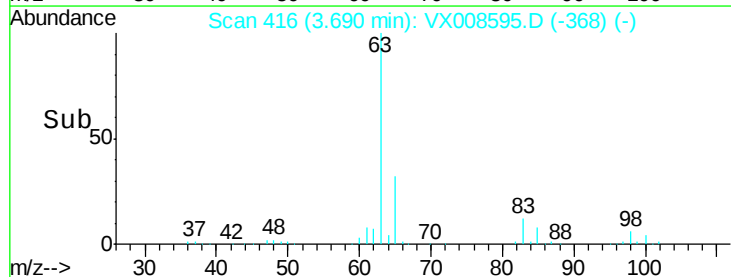
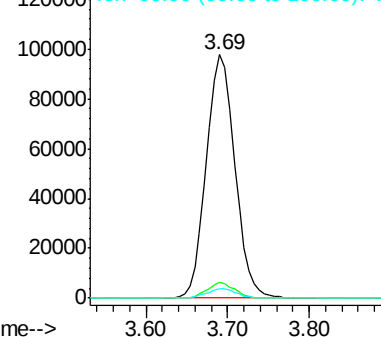
100 3.9 2.0 5.8

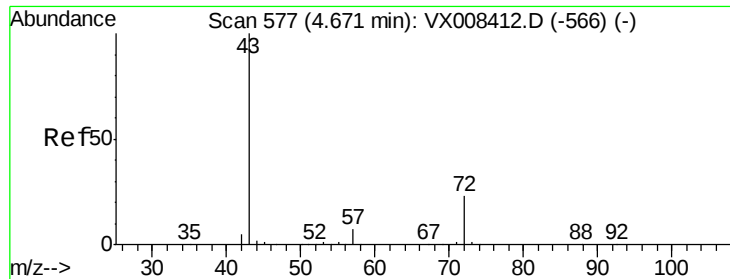


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.112 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 643283

Ion Ratio Lower Upper

43 100

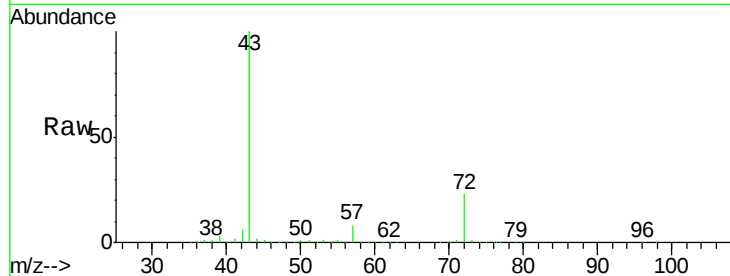
72 23.3 18.6 28.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

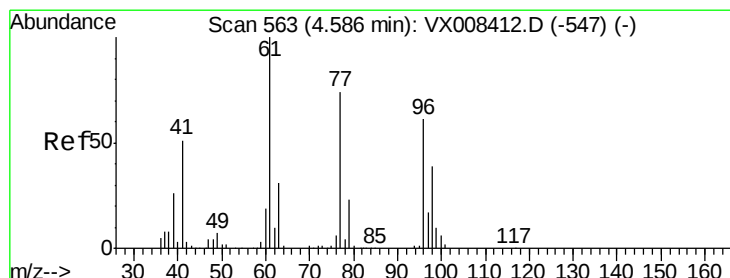
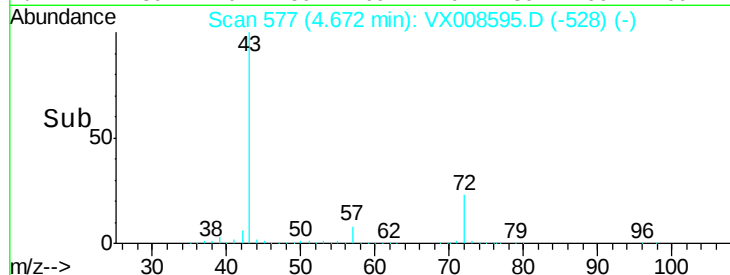
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.344 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008595.D

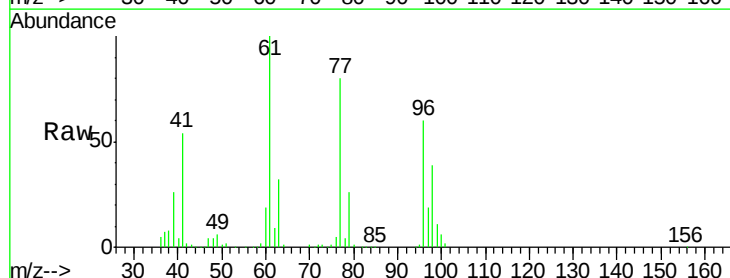
Acq: 02 Apr 2019 16:06

Tgt Ion: 77 Resp: 174712

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

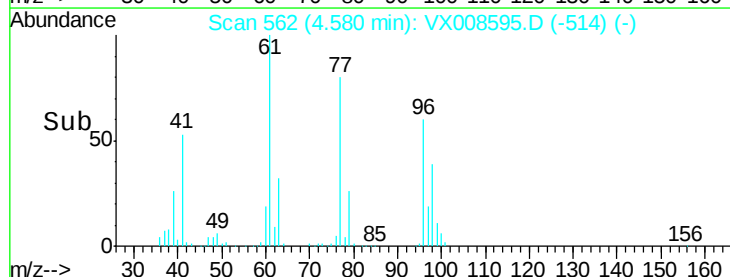
0

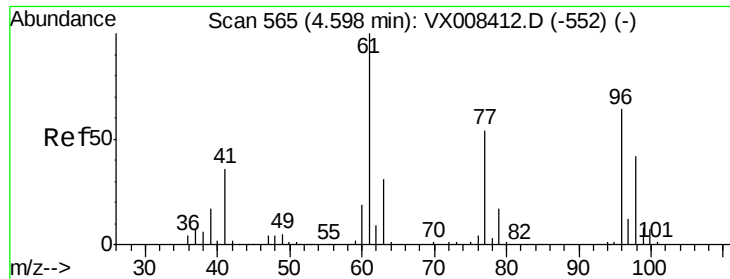
4.50

4.60

4.70

Time-->





#27

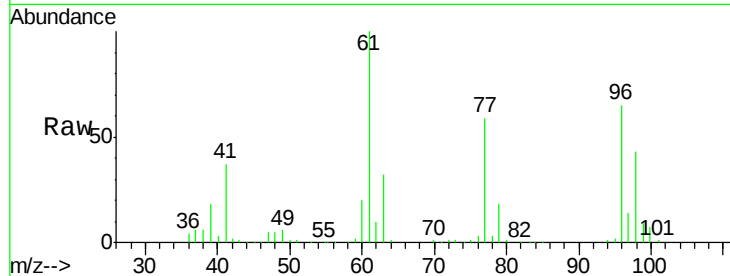
cis-1,2-Dichloroethene  
Concen: 47.353 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 132682 |       |       |
| 61      | 162.4 | 0.0    | 325.6 |       |
| 98      | 64.4  | 0.0    | 130.0 |       |

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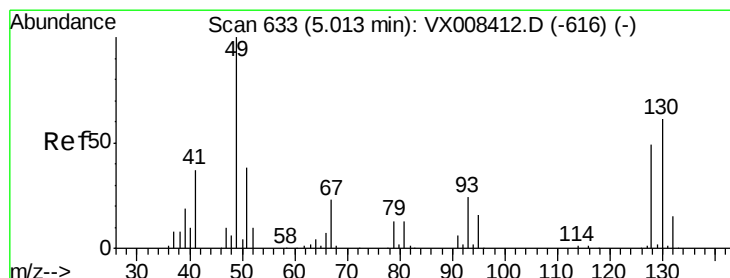
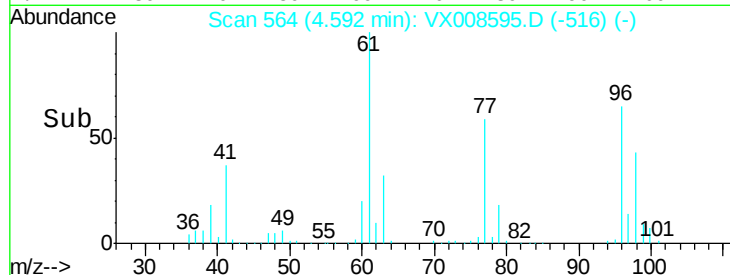
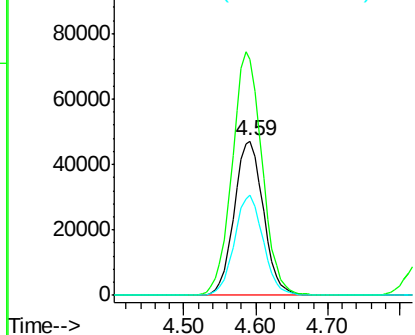


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

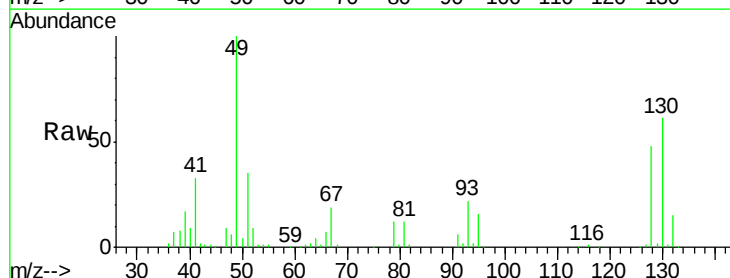
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane  
Concen: 45.690 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 113277 |       |       |
| 129     | 1.7   | 0.0    | 3.4   |       |
| 130     | 61.3  | 49.8   | 74.6  |       |

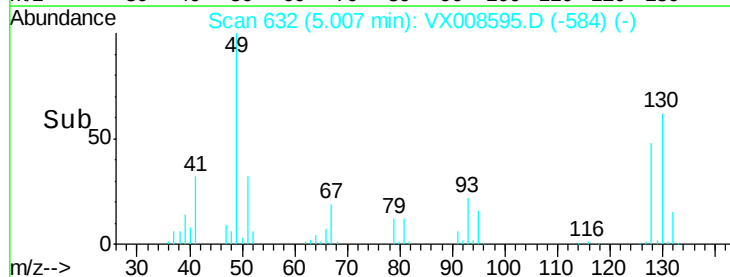
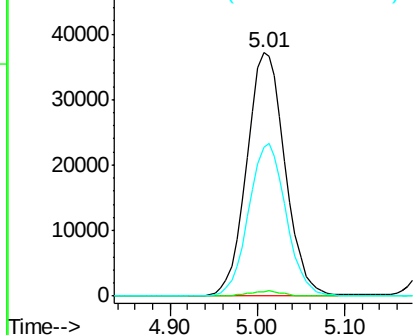


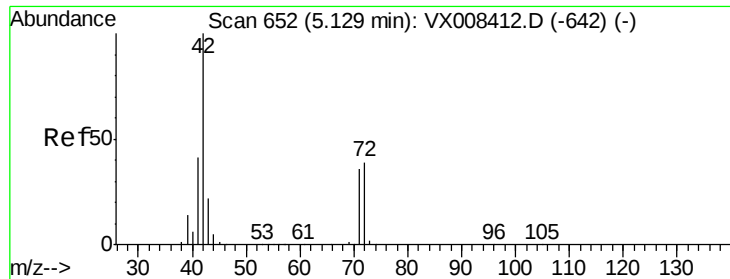
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





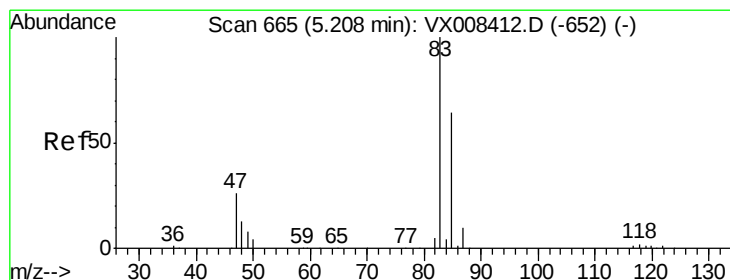
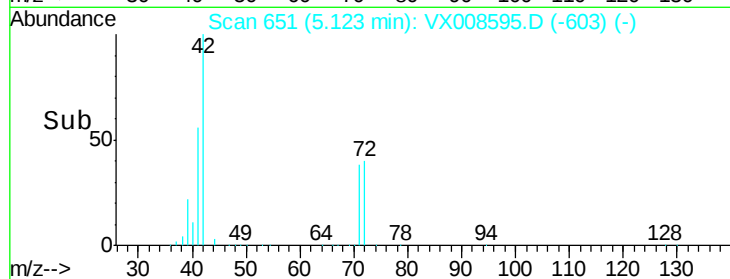
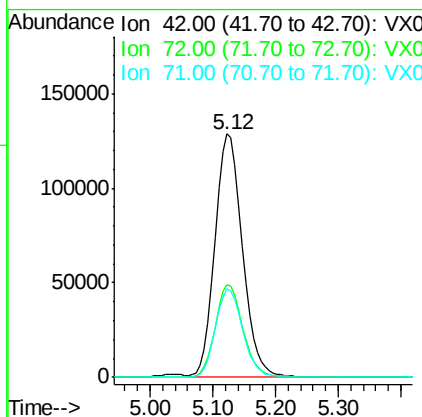
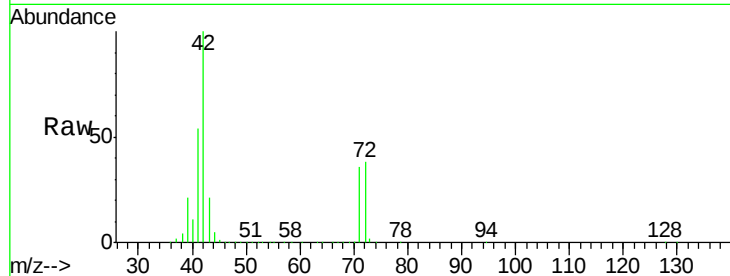
#29  
Tetrahydrofuran  
Concen: 236.395 ug/l  
RT: 5.12 min Scan# 651  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.5  | 31.4  | 47.2  |
| 71      | 36.2  | 29.4  | 44.2  |

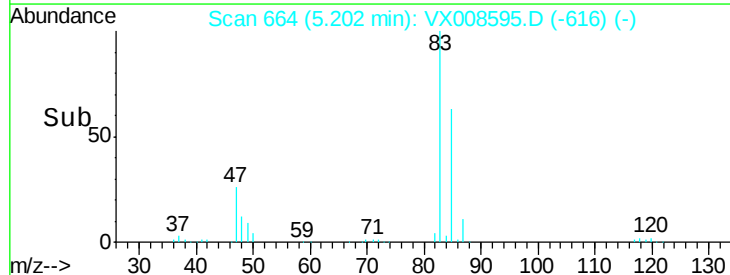
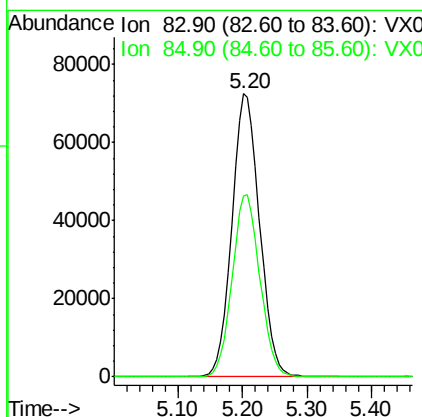
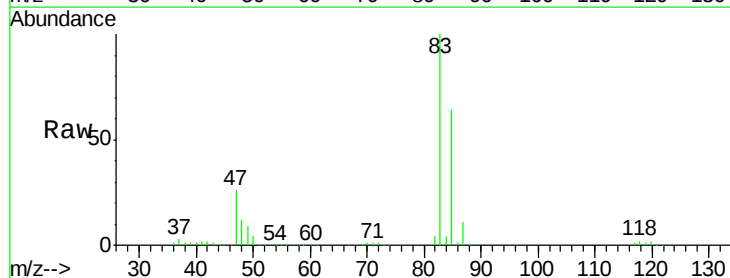
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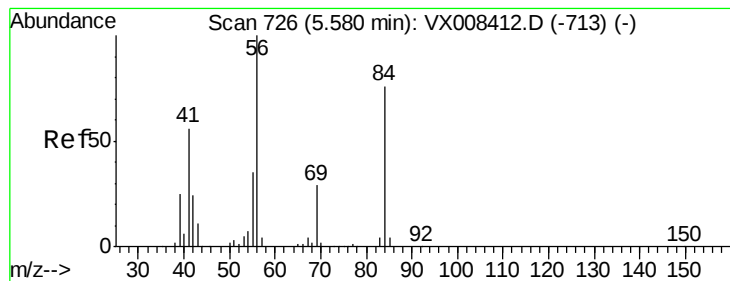
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4/3/2019 10:51:11 AM



#30  
Chloroform  
Concen: 47.860 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 51.4  | 77.2  |





#31

Cyclohexane

Concen: 47.275 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

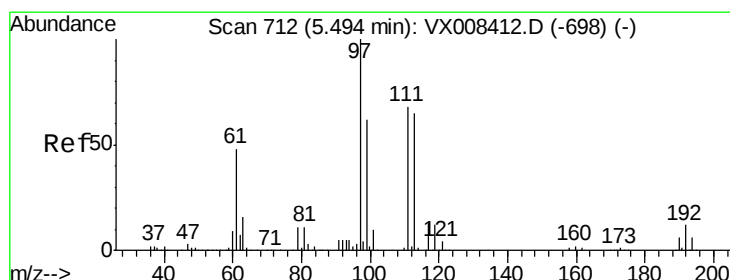
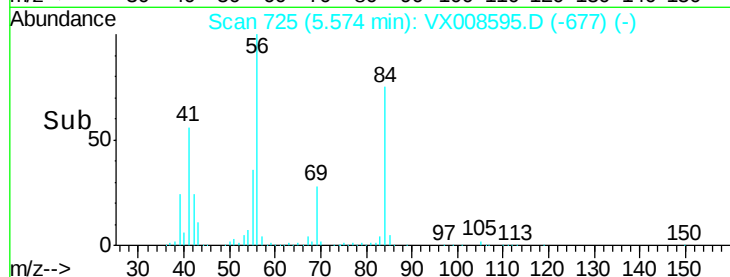
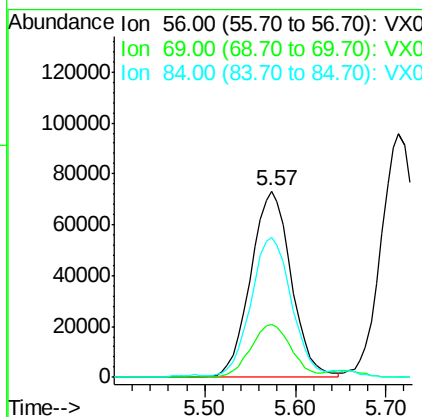
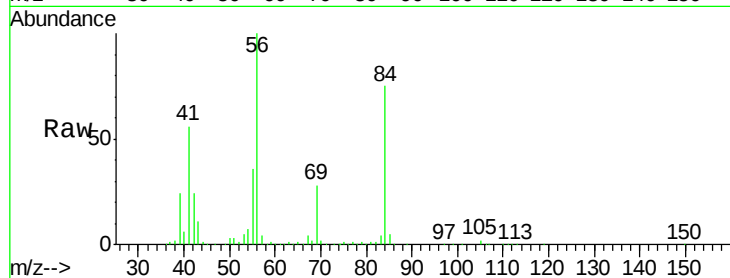
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 226266 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 28.4  | 23.2  | 34.8   |
| 84       | 74.1  | 60.7  | 91.1   |

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#32

1,1,1-Trichloroethane

Concen: 48.442 ug/l

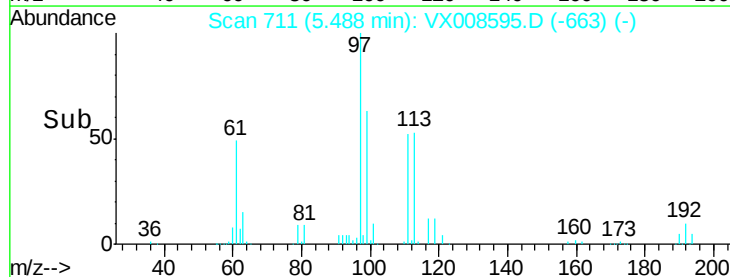
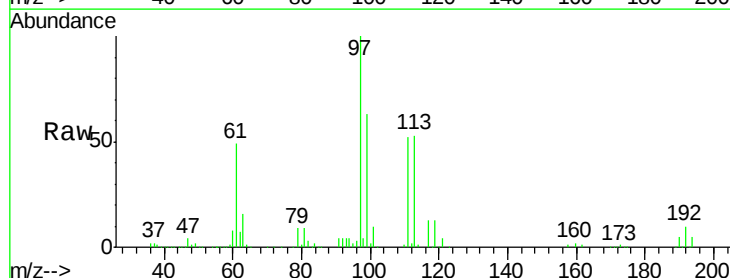
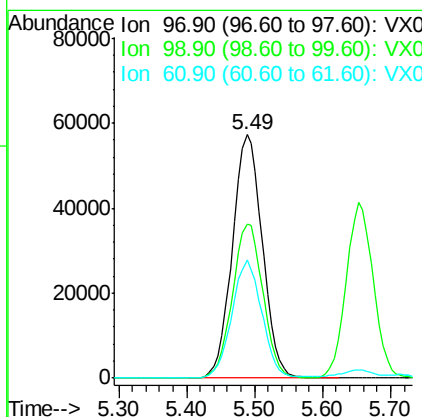
RT: 5.49 min Scan# 711

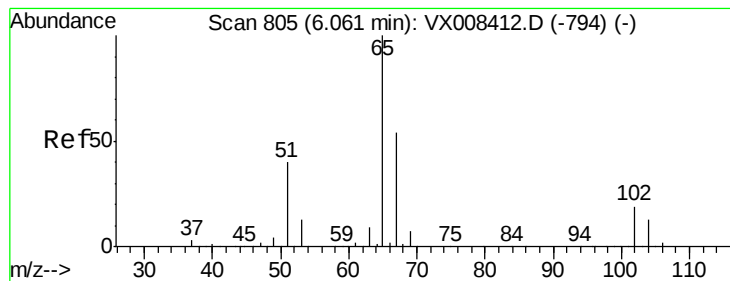
Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 175363 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.2  | 51.5  | 77.3   |
| 61       | 48.5  | 38.8  | 58.2   |





#33

1,2-Dichloroethane-d4

Concen: 38.540 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 115079

Ion Ratio Lower Upper

65 100

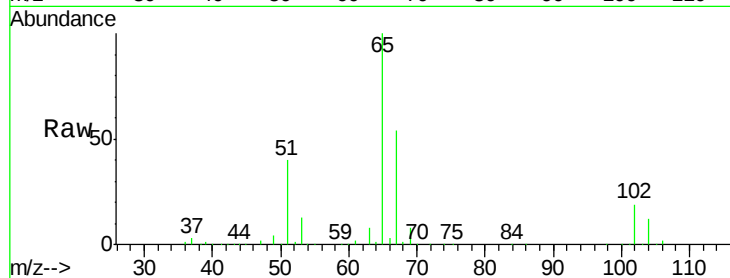
67 54.2 0.0 109.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

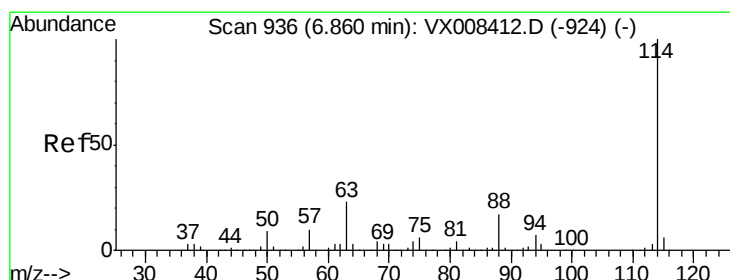
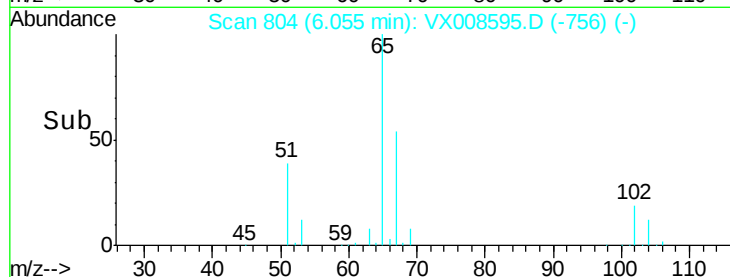
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

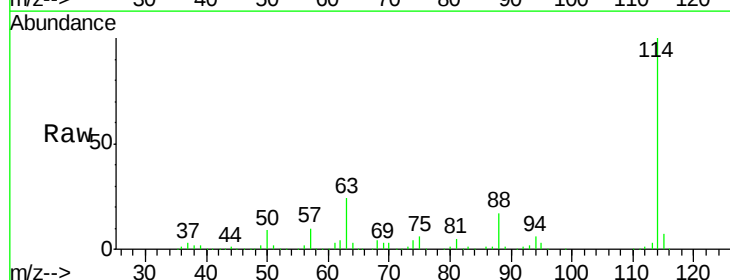
Tgt Ion: 114 Resp: 324153

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

88 17.0 0.0 33.2



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

6.85

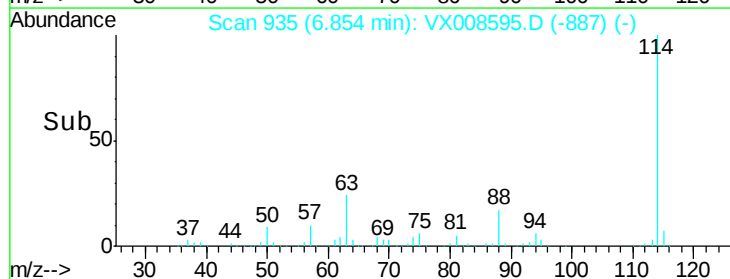
150000

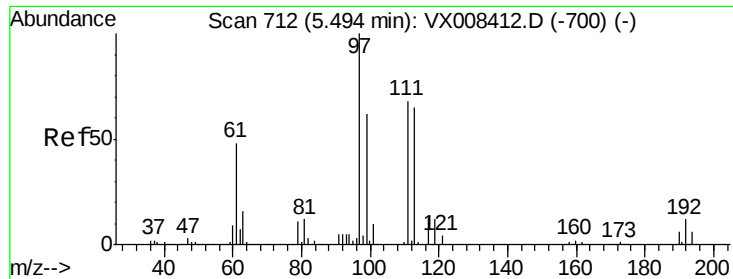
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 40.705 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

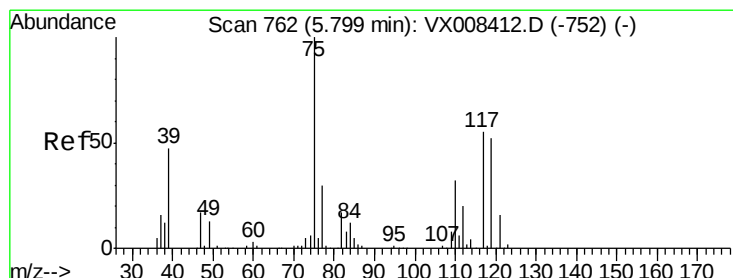
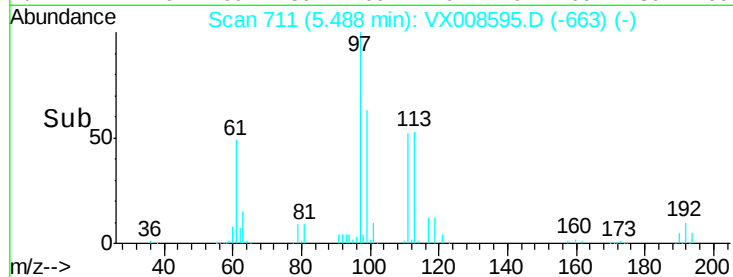
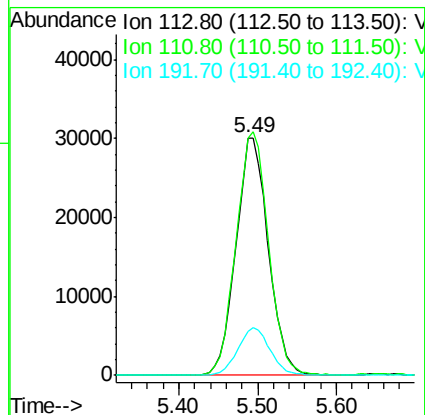
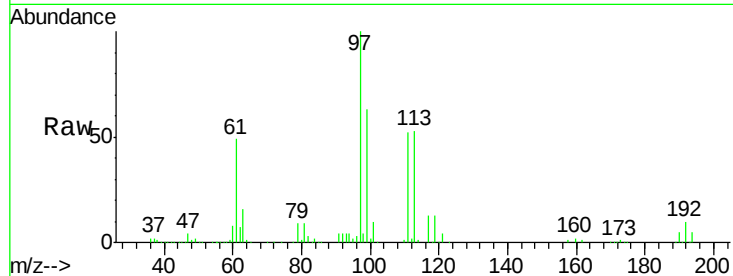
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 86035 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.7 | 83.0  | 124.4 |
| 192      | 19.8  | 15.6  | 23.4  |

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#36

1,1-Dichloropropene

Concen: 48.007 ug/l

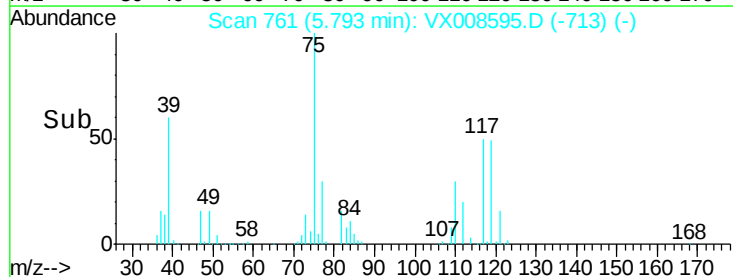
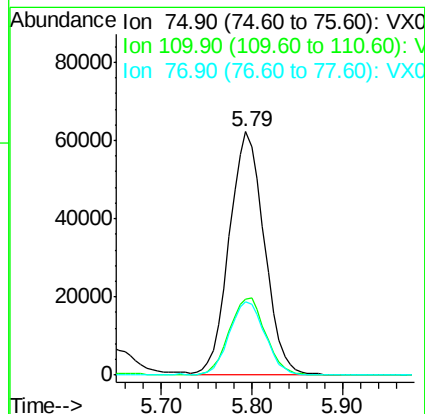
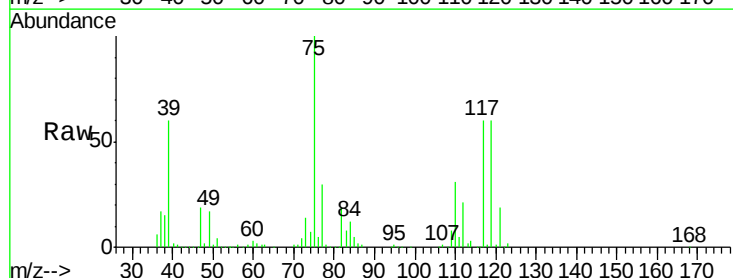
RT: 5.79 min Scan# 761

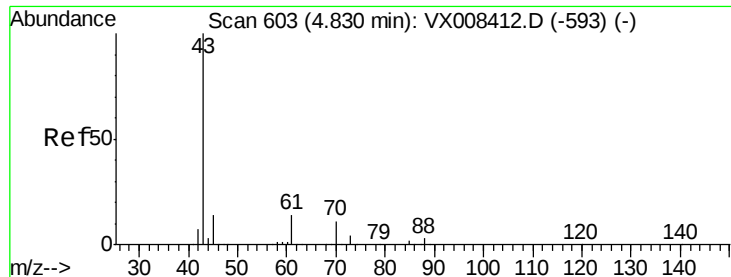
Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 165921 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 33.1  | 16.6  | 49.7   |
| 77       | 30.9  | 24.2  | 36.2   |





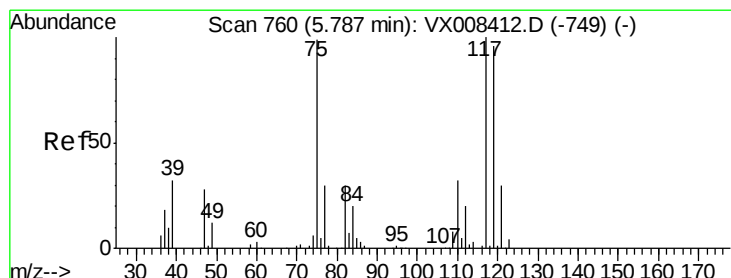
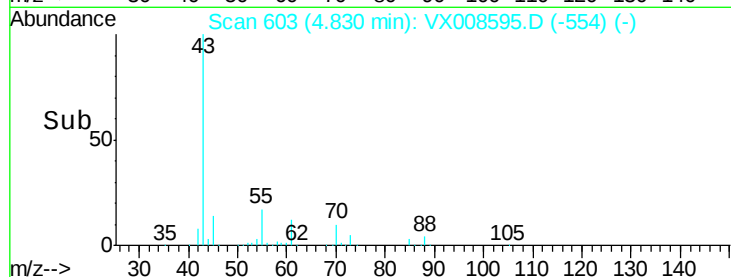
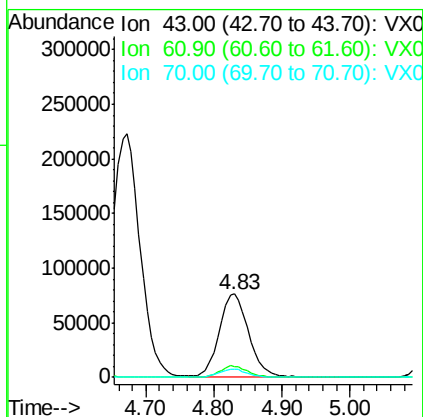
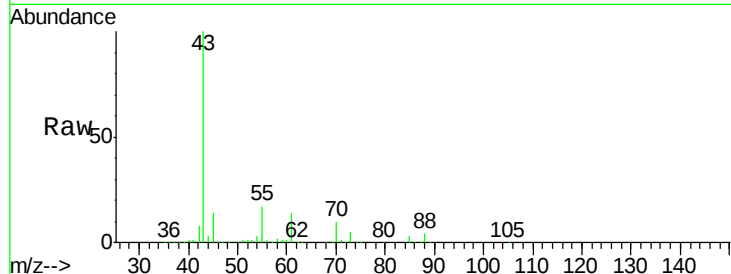
#37  
Ethyl Acetate  
Concen: 50.999 ug/l  
RT: 4.83 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.1  | 10.5  | 15.7  |
| 70      | 9.7   | 7.8   | 11.8  |

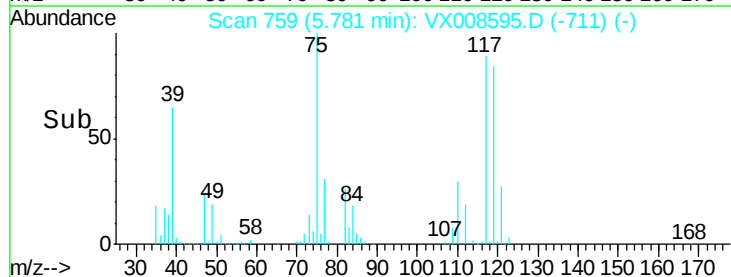
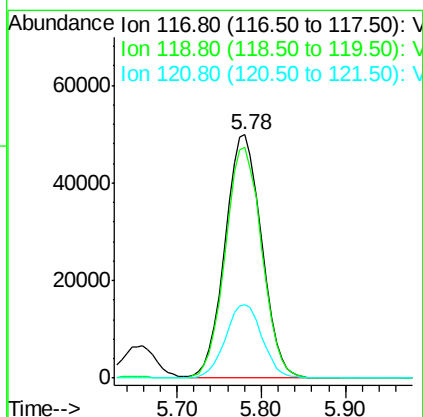
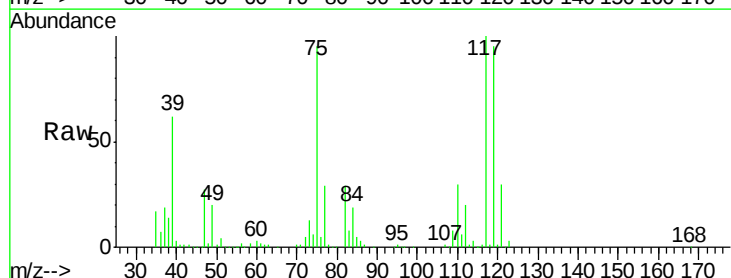
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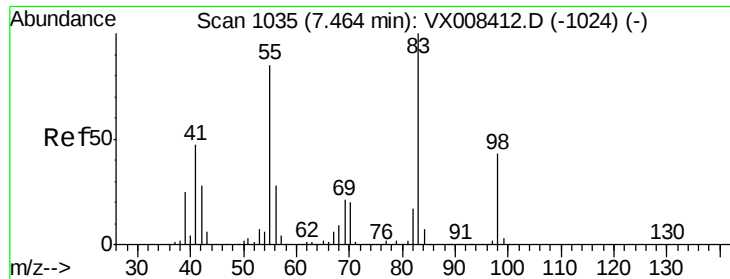
MMDadoda  
4/3/2019 10:51:11 AM



#38  
Carbon Tetrachloride  
Concen: 51.116 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.9  | 76.7  | 115.1 |
| 121     | 30.2  | 24.3  | 36.5  |





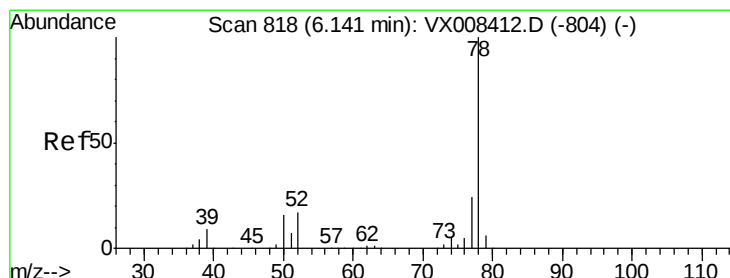
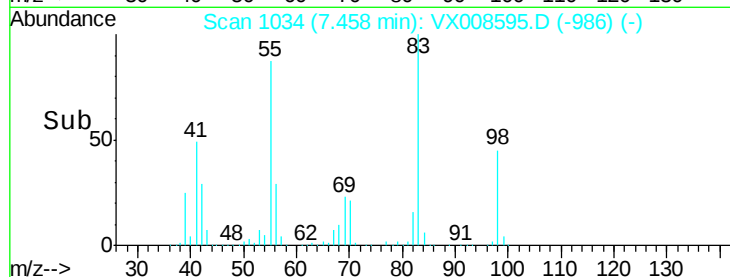
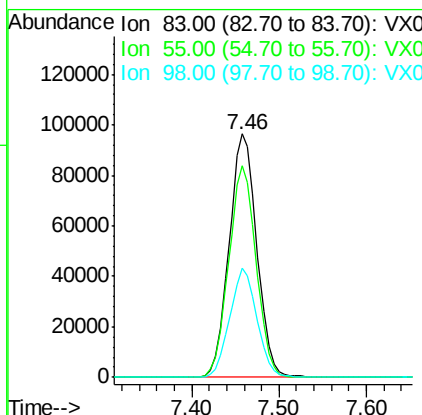
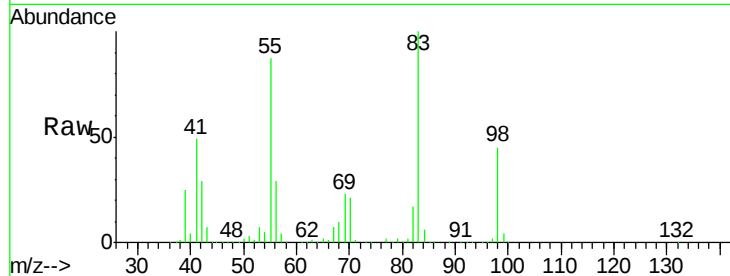
#39  
Methvlcvclohexane  
Concen: 51.388 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 87.0  | 68.2  | 102.4 |
| 98      | 44.9  | 34.2  | 51.4  |

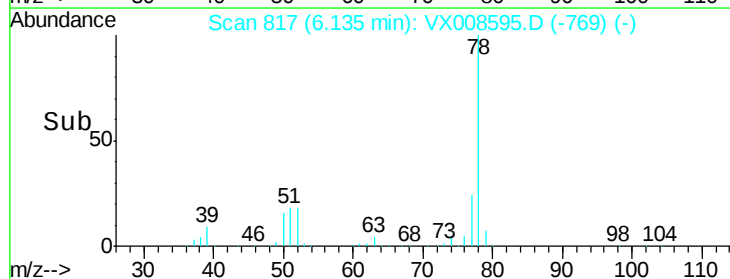
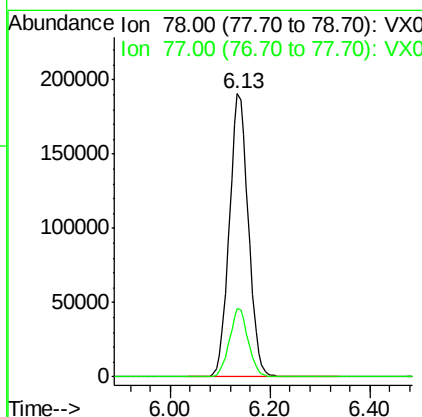
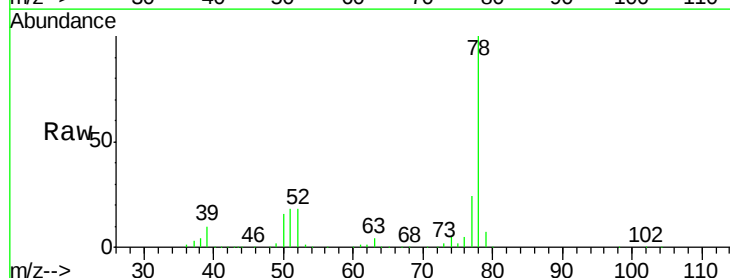
Manual Integrations  
APPROVED

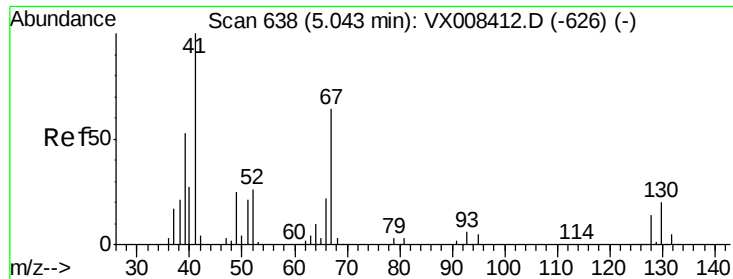
MMDadoda  
4/3/2019 10:51:11 AM



#40  
Benzene  
Concen: 48.933 ug/l  
RT: 6.13 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 19.3  | 28.9  |





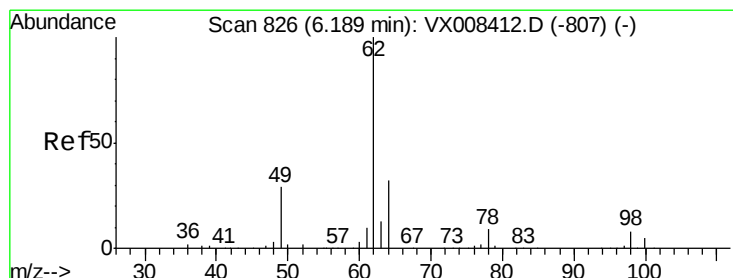
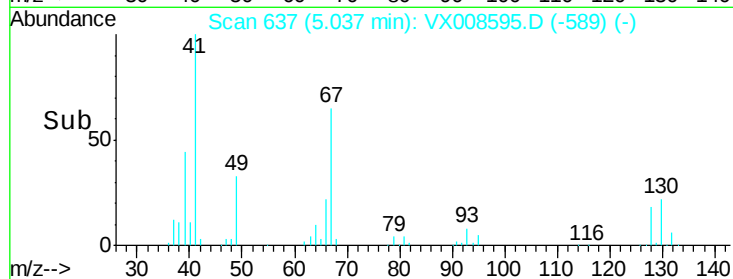
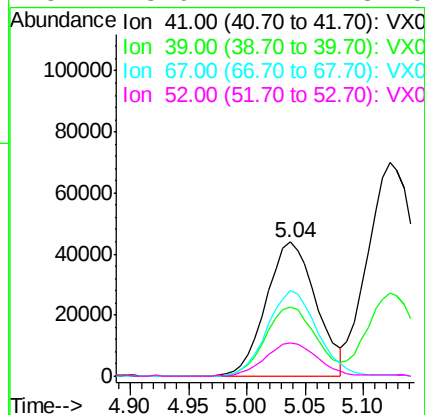
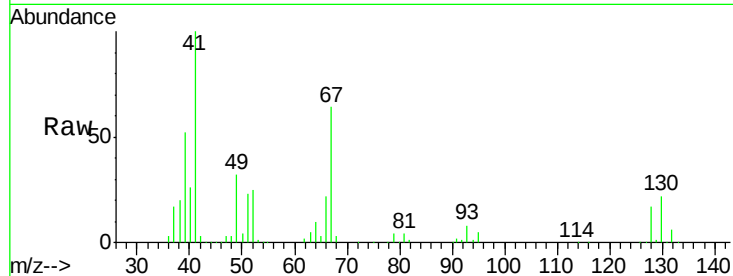
#41  
Methacrylonitrile  
Concen: 51.883 ug/l  
RT: 5.04 min Scan# 637  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.1 | 42.6  | 64.0  |       |
| 67      | 64.4 | 52.2  | 78.4  |       |
| 52      | 25.9 | 21.4  | 32.0  |       |

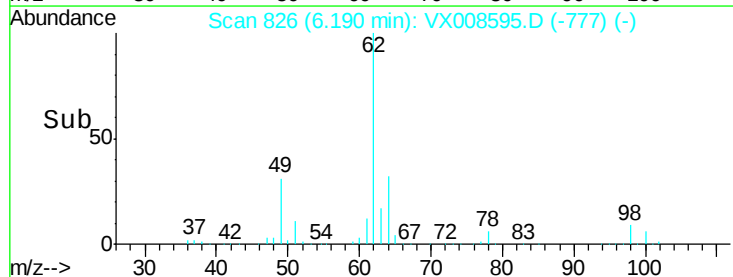
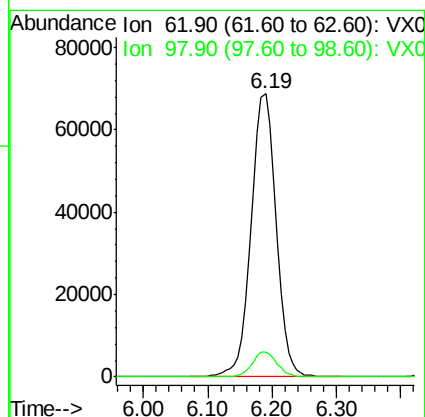
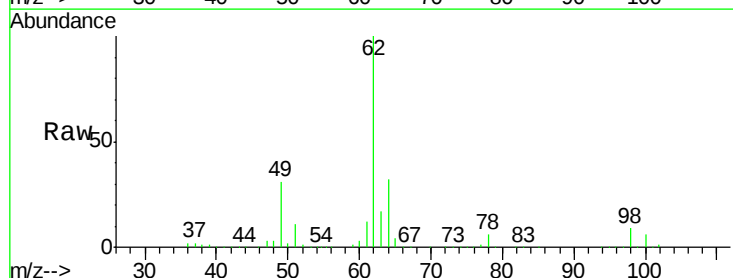
Manual Integrations  
APPROVED

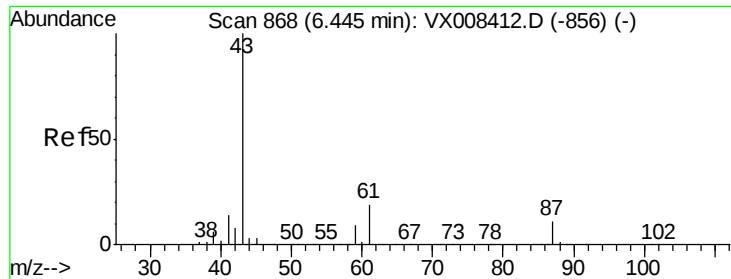
MMDadoda  
4/3/2019 10:51:11 AM



#42  
1,2-Dichloroethane  
Concen: 48.252 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

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





#43

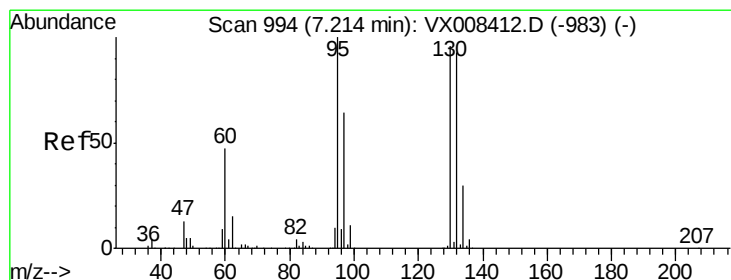
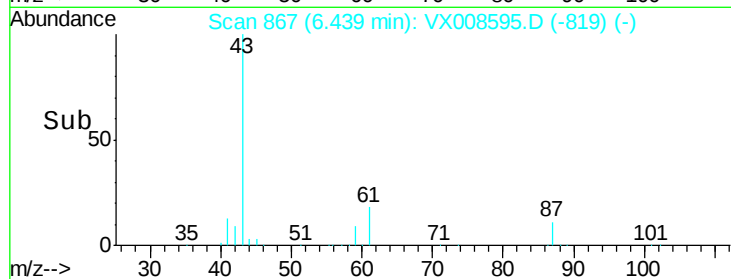
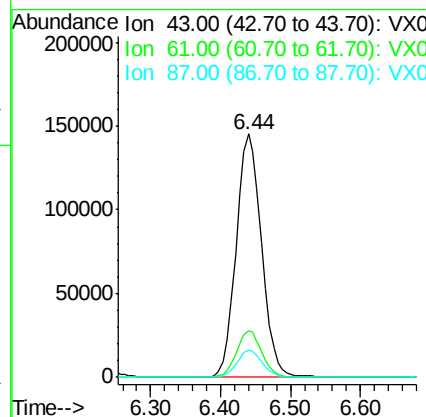
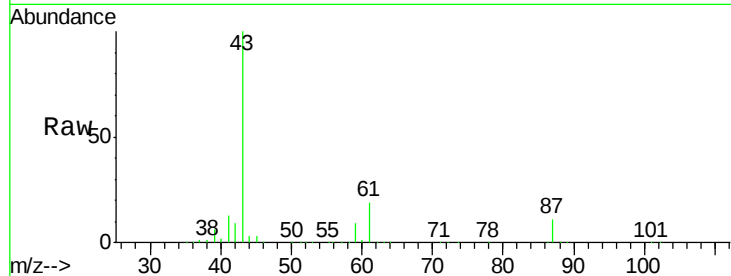
Isopropyl Acetate  
 Concen: 50.805 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.2  | 15.4  | 23.2  |
| 87      | 11.3  | 9.1   | 13.7  |

Manual Integrations  
 APPROVED

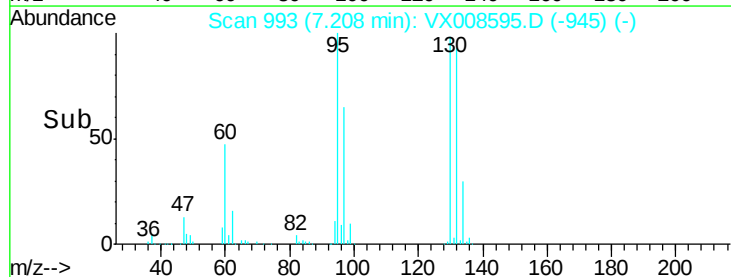
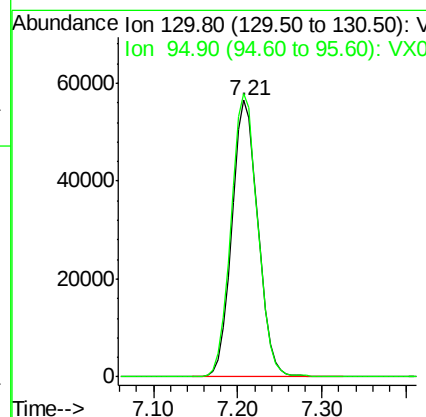
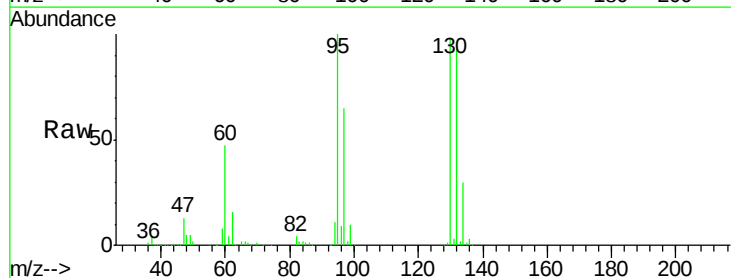
MMDadoda  
 4/3/2019 10:51:11 AM

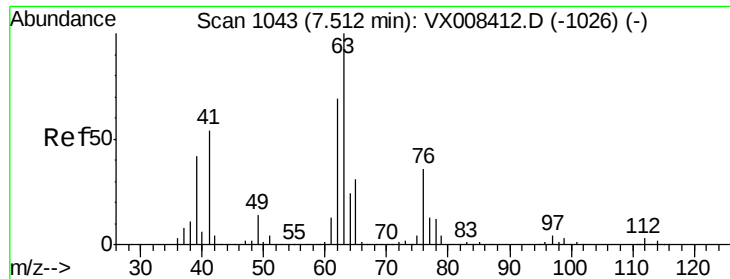


#44

Trichloroethene  
 Concen: 49.042 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.4 | 0.0   | 208.8 |





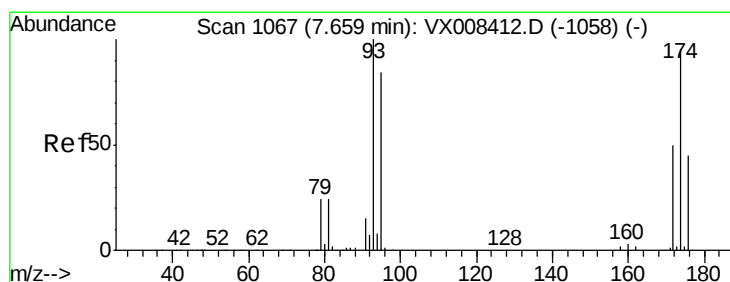
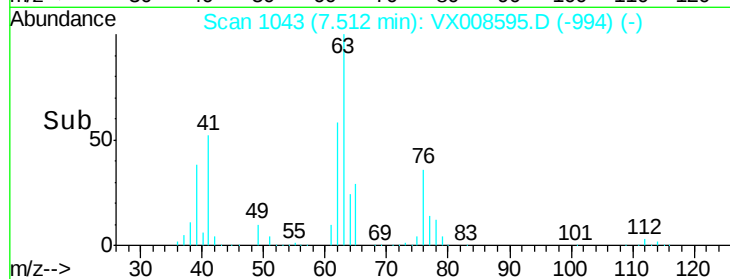
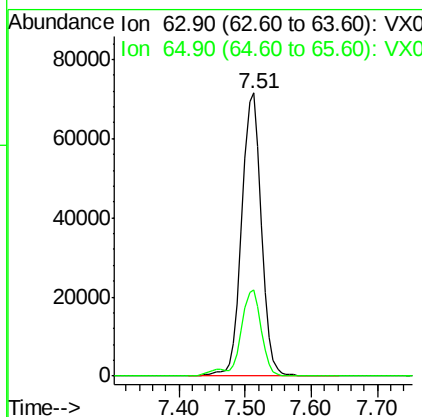
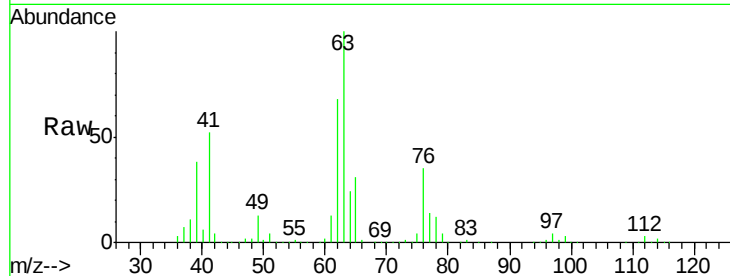
#45  
 1,2-Dichloropropane  
 Concen: 50.159 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 147519  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 25.1 37.7

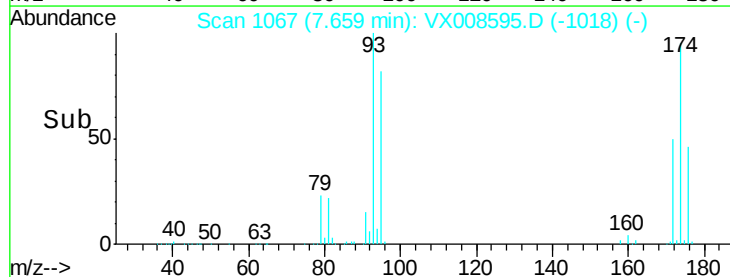
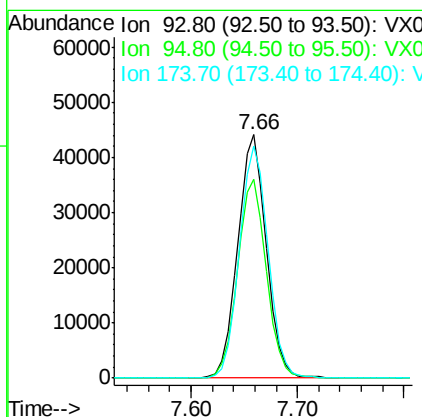
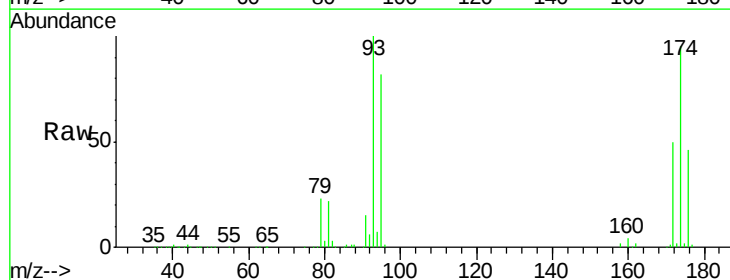
Manual Integrations  
 APPROVED

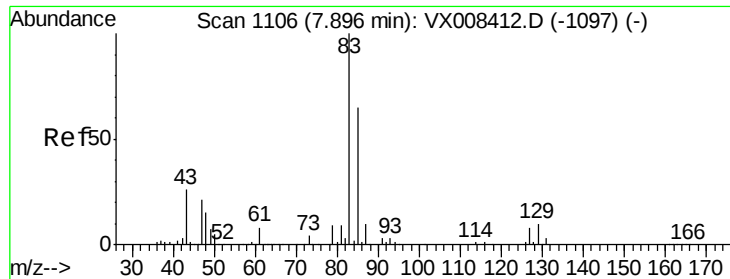
MMDadoda  
 4/3/2019 10:51:11 AM



#46  
 Dibromomethane  
 Concen: 48.398 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

Tgt Ion: 93 Resp: 83118  
 Ion Ratio Lower Upper  
 93 100  
 95 82.6 67.0 100.6  
 174 96.2 76.0 114.0





#47

Bromodichloromethane

Concen: 51.842 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

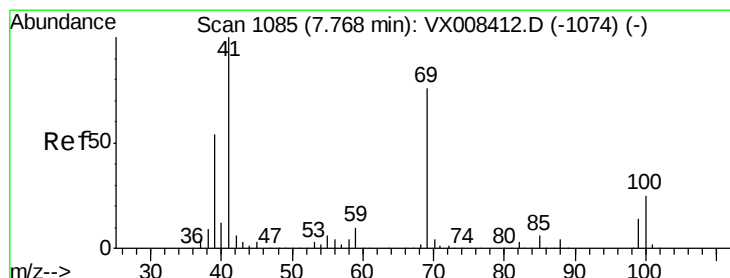
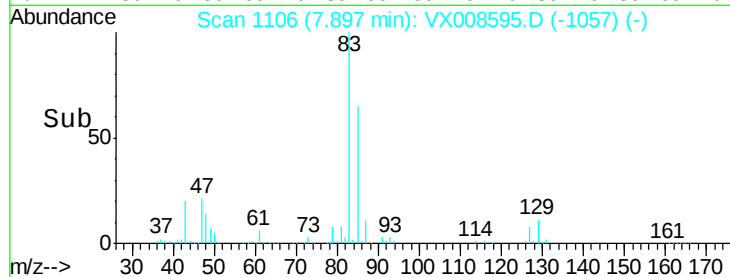
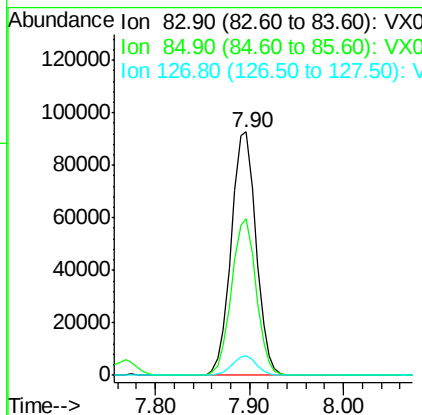
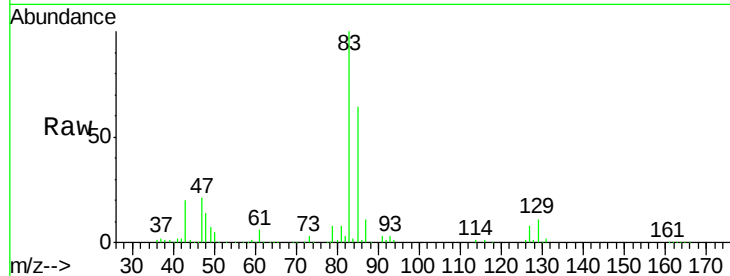
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 170417 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.4  | 52.0  | 78.0   |
| 127       | 8.3   | 6.4   | 9.6    |

Manual Integrations  
APPROVED

MMDadoda  
4/3/2019 10:51:11 AM



#48

Methyl methacrylate

Concen: 51.676 ug/l

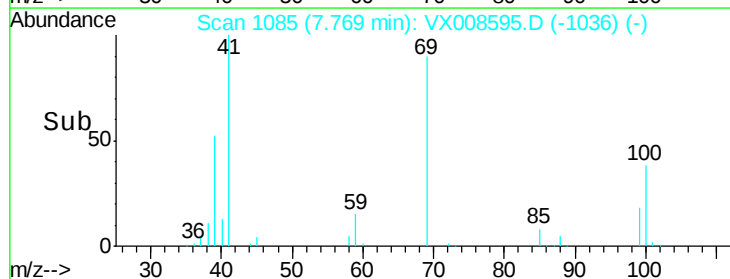
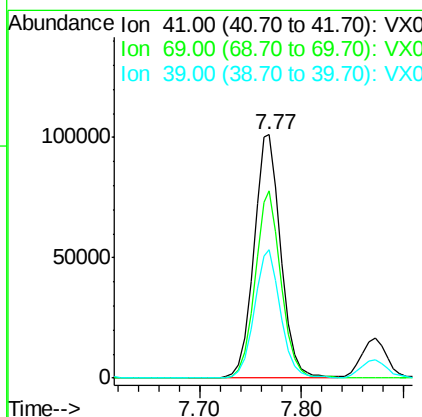
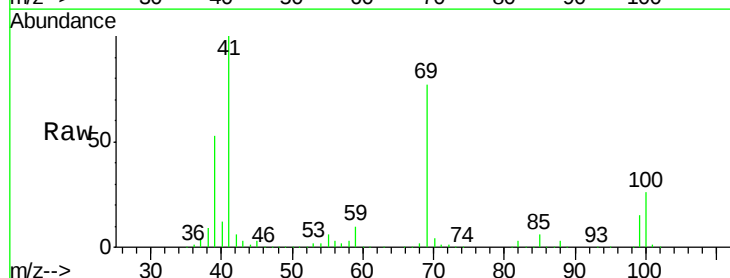
RT: 7.77 min Scan# 1085

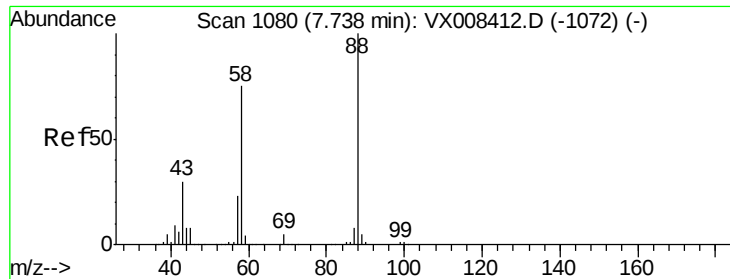
Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 185178 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 74.8  | 60.8  | 91.2   |
| 39        | 51.2  | 42.3  | 63.5   |





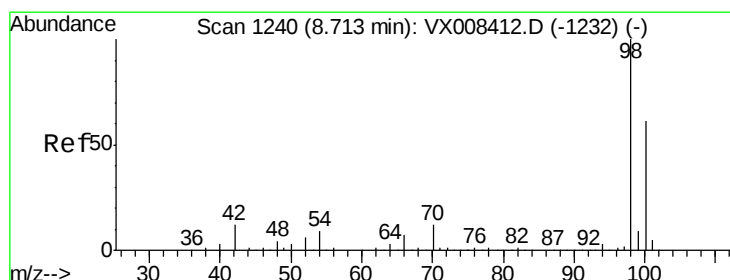
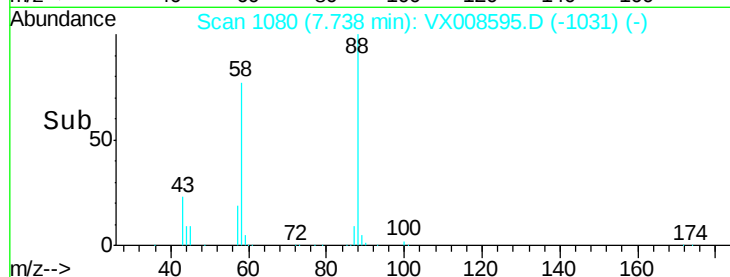
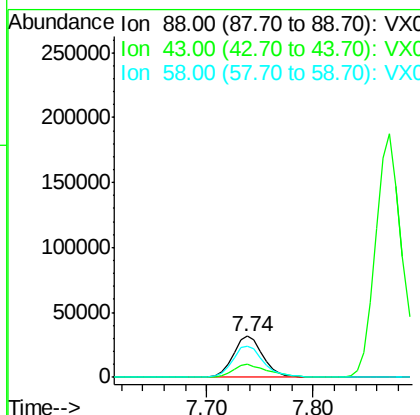
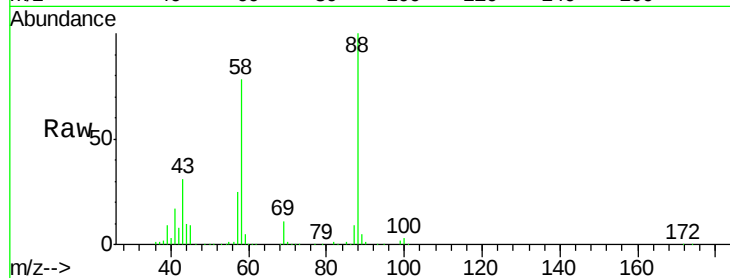
#49  
1,4-Dioxane  
Concen: 883.797 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.4  | 28.6  | 43.0  |
| 58      | 79.2  | 63.0  | 94.4  |

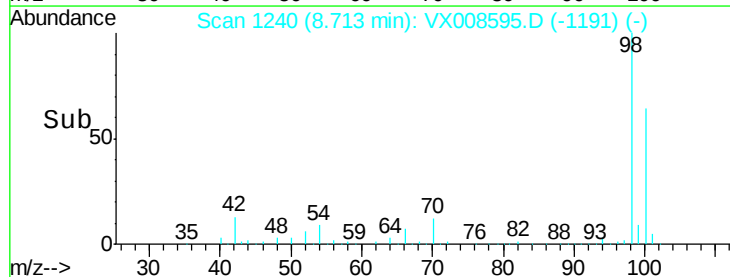
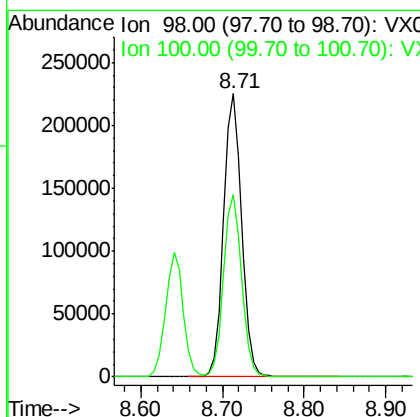
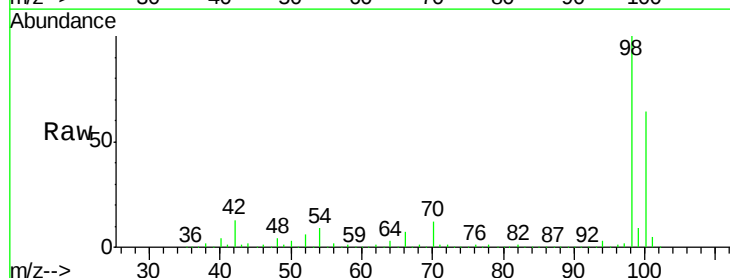
Manual Integrations  
APPROVED

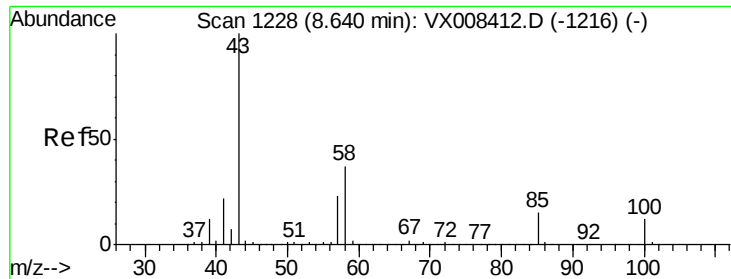
MMDadoda  
4/3/2019 10:51:11 AM



#50  
Toluene-d8  
Concen: 40.629 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.8  | 51.1  | 76.7  |





#51

4-Methyl-2-Pentanone

Concen: 261.739 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1217498

Ion Ratio Lower Upper

43 100

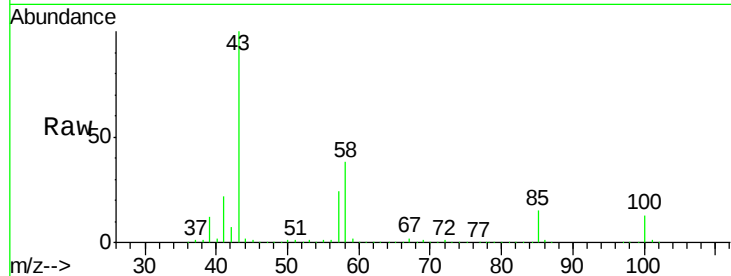
58 37.3 29.8 44.8

Manual Integrations

APPROVED

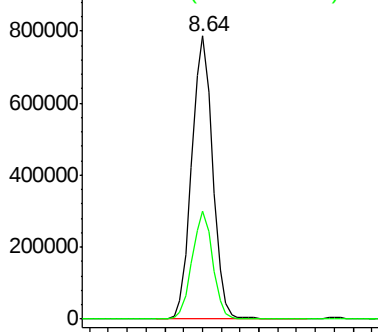
MMDadoda

4/3/2019 10:51:11 AM

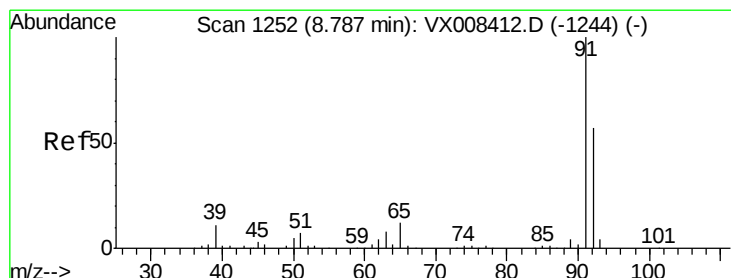
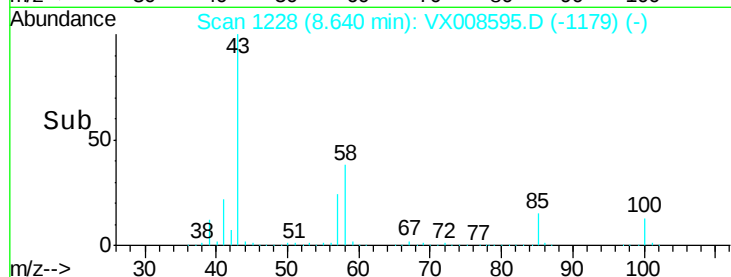


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.757 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008595.D

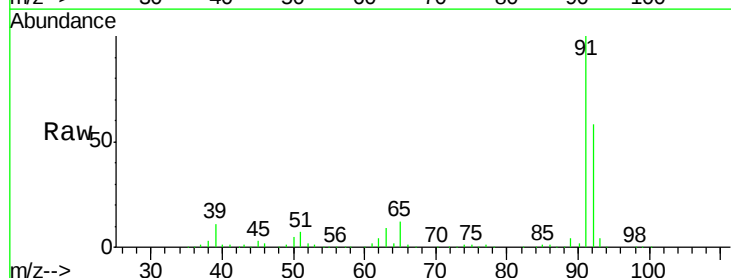
Acq: 02 Apr 2019 16:06

Tgt Ion: 92 Resp: 307835

Ion Ratio Lower Upper

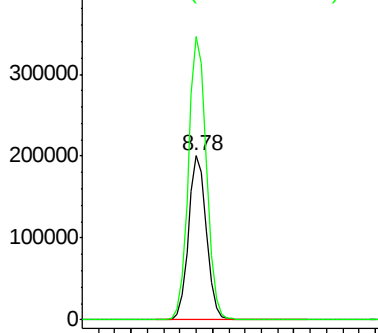
92 100

91 173.7 140.2 210.4

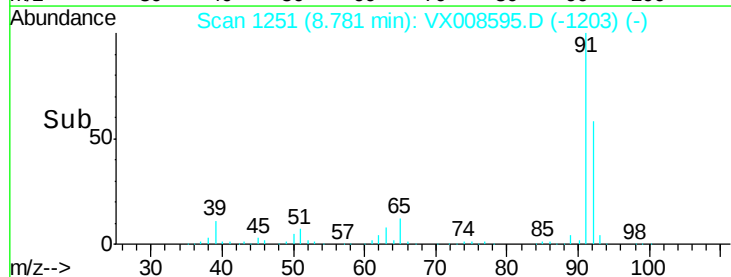


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





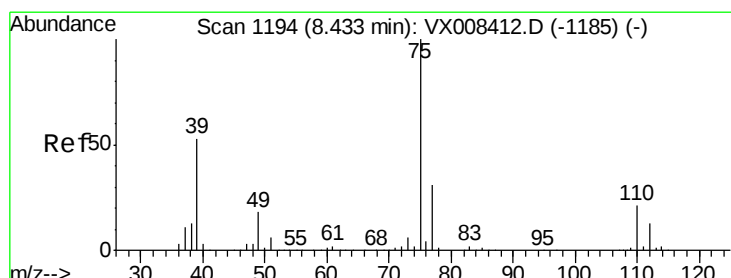
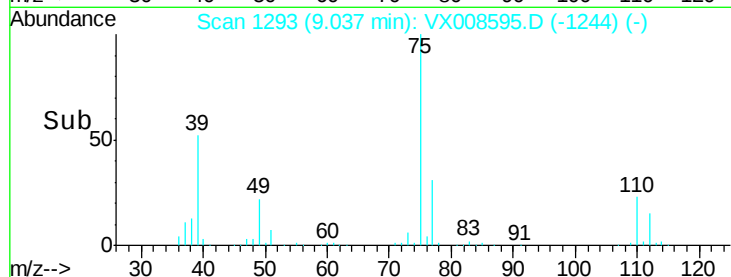
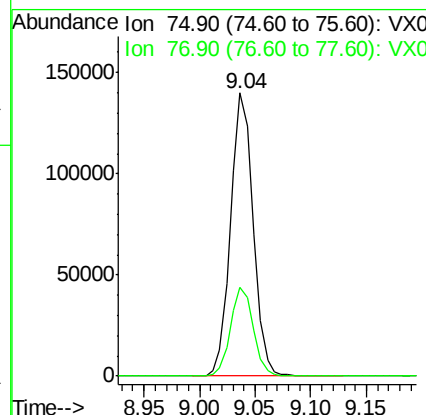
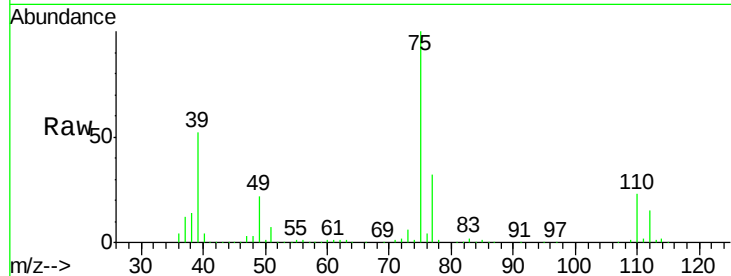
#53  
t-1,3-Dichloropropene  
Concen: 54.601 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 196592 |       |       |
| 77      | 31.6  | 24.3   | 36.5  |       |

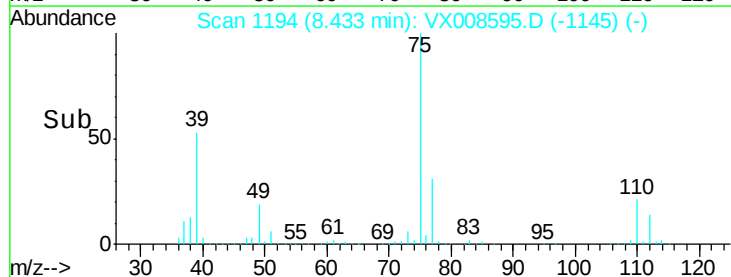
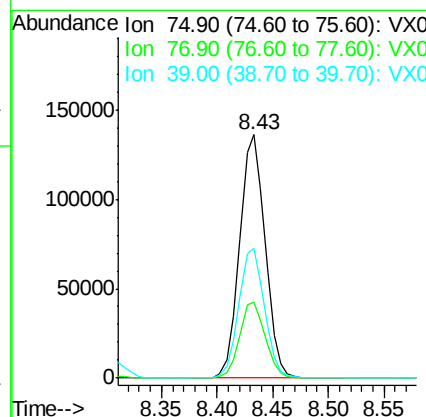
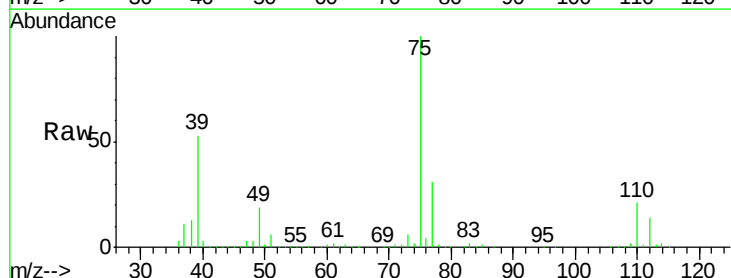
Manual Integrations  
APPROVED

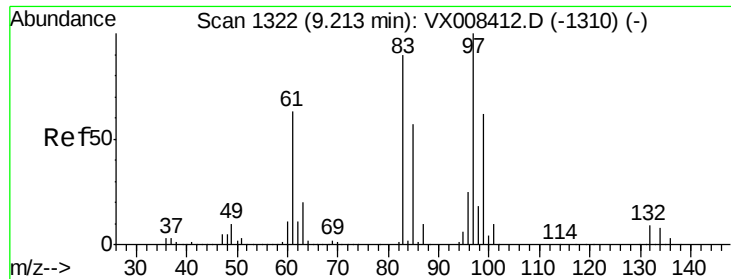
MMDadoda  
4/3/2019 10:51:11 AM



#54  
cis-1,3-Dichloropropene  
Concen: 52.777 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 216081 |       |       |
| 77      | 31.4  | 24.7   | 37.1  |       |
| 39      | 52.9  | 42.4   | 63.6  |       |





#55

1,1,2-Trichloroethane

Concen: 50.355 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 126815

Ion Ratio Lower Upper

97 100

83 89.8 71.8 107.6

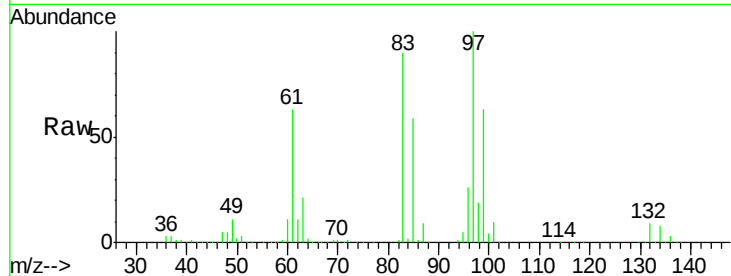
85 58.9 45.9 68.9

99 62.7 49.4 74.0

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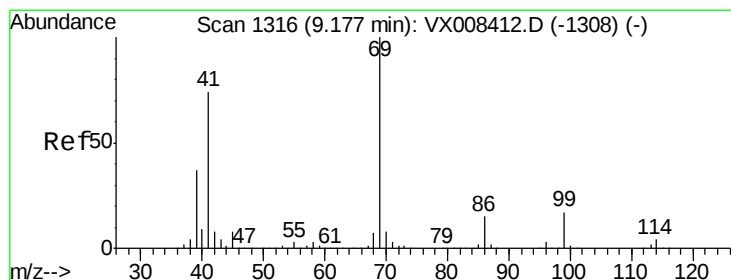
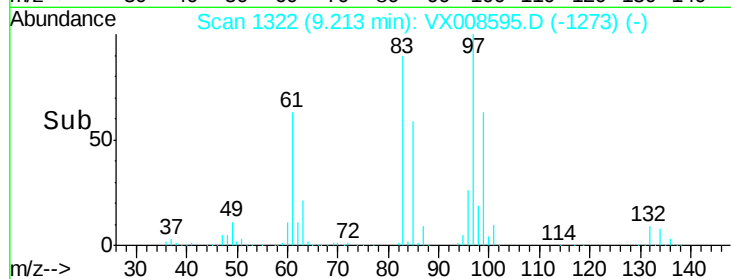
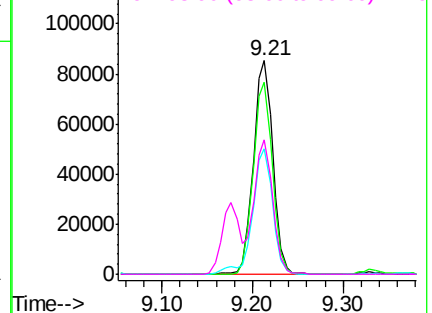


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.124 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Tgt Ion: 69 Resp: 236954

Ion Ratio Lower Upper

69 100

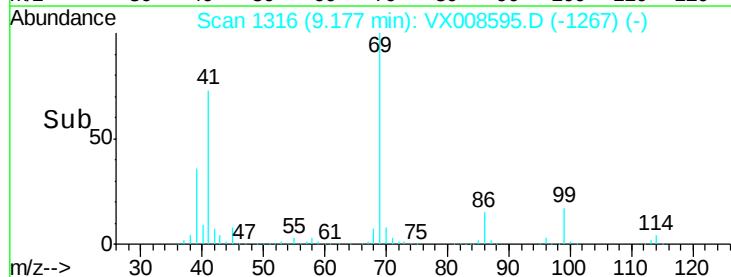
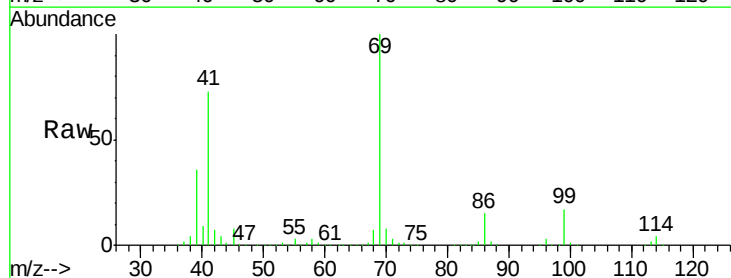
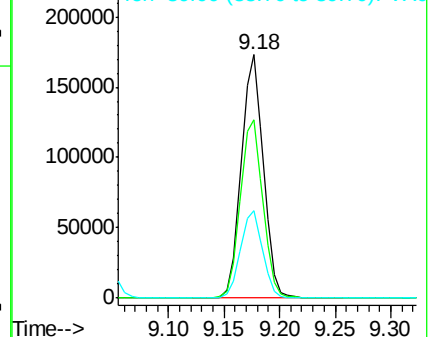
41 74.7 59.5 89.3

39 36.0 29.3 43.9

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.309 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 222646

Ion Ratio Lower Upper

76 100

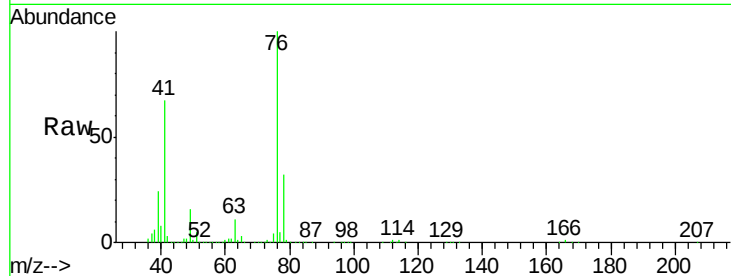
78 32.1 25.8 38.8

Manual Integrations

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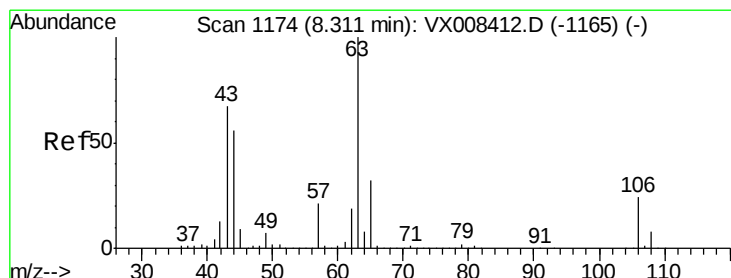
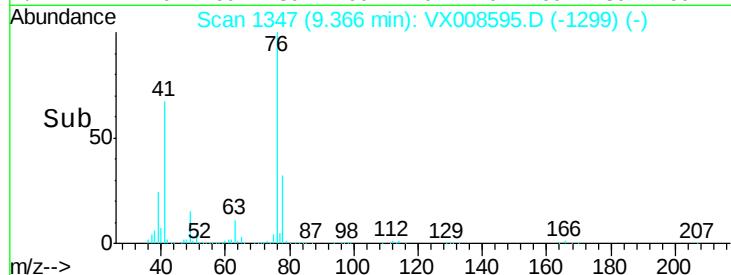
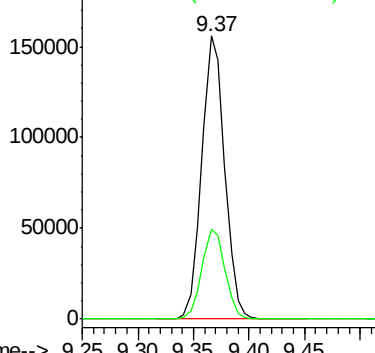
MMDadoda

4/3/2019 10:51:11 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 297.392 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008595.D

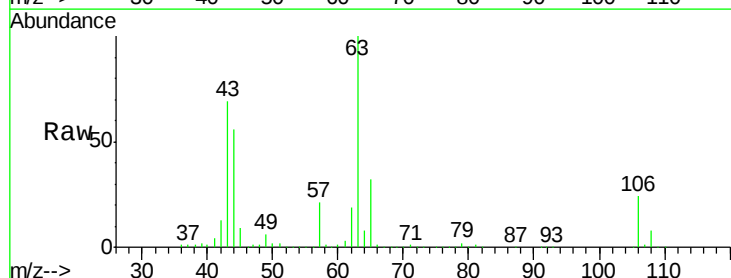
Acq: 02 Apr 2019 16:06

Tgt Ion: 63 Resp: 698838

Ion Ratio Lower Upper

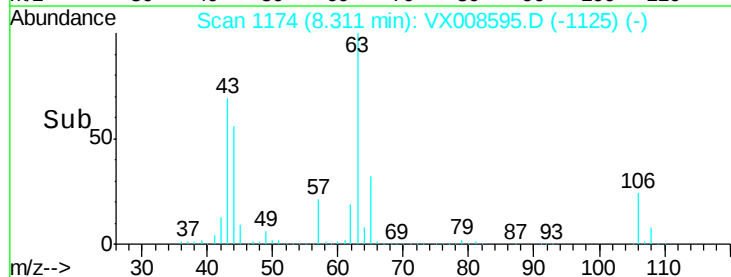
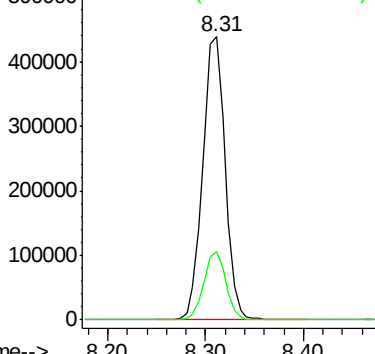
63 100

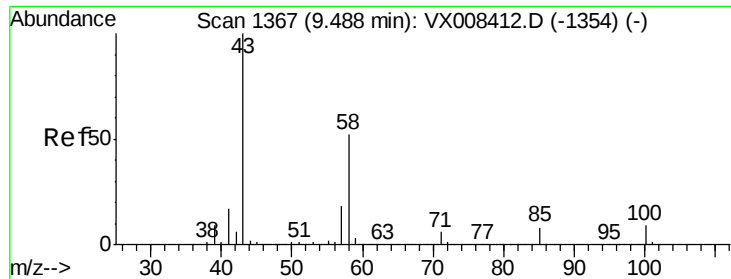
106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





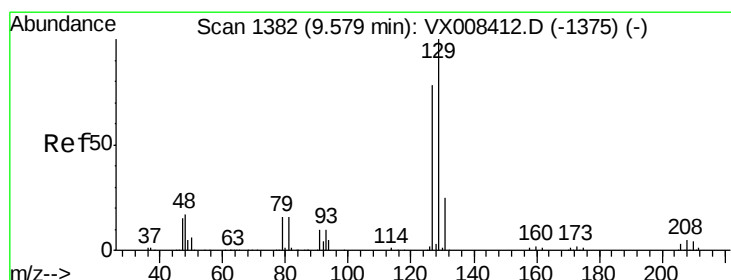
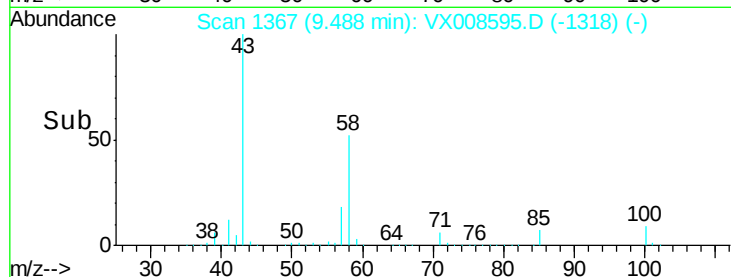
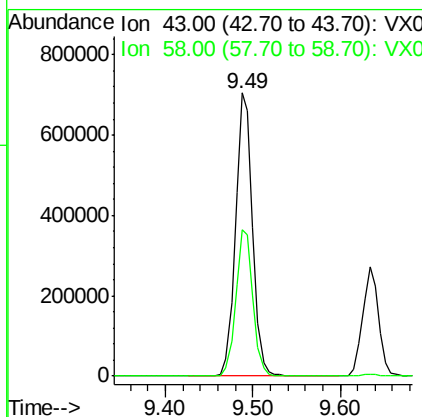
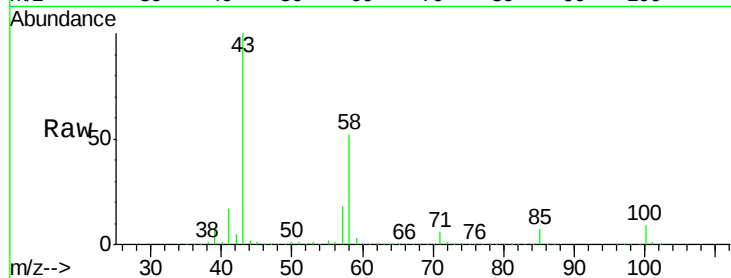
#59  
2-Hexanone  
Concen: 265.754 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 957855  
Ion Ratio Lower Upper  
43 100  
58 52.0 26.3 78.9

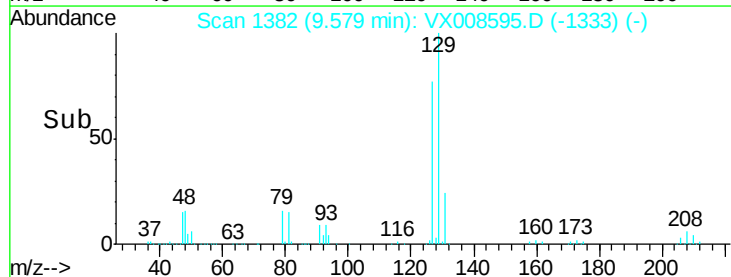
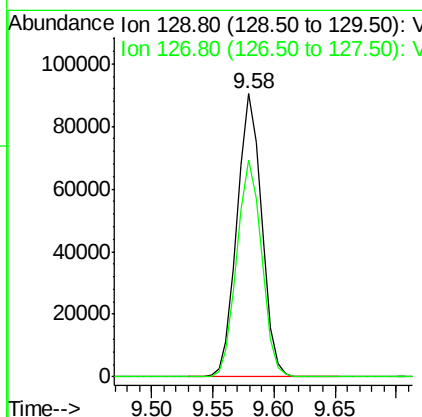
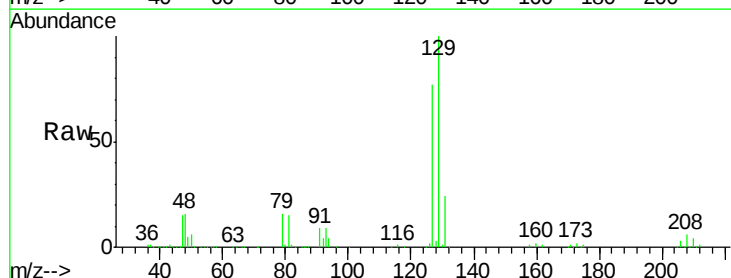
Manual Integrations  
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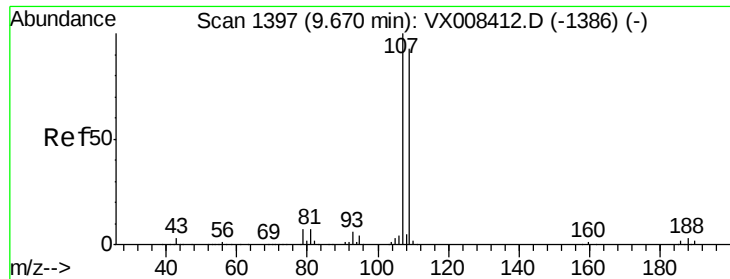
MMDadoda  
4/3/2019 10:51:11 AM



#60  
Dibromochloromethane  
Concen: 52.632 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Tgt Ion: 129 Resp: 126058  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 50.195 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 129007

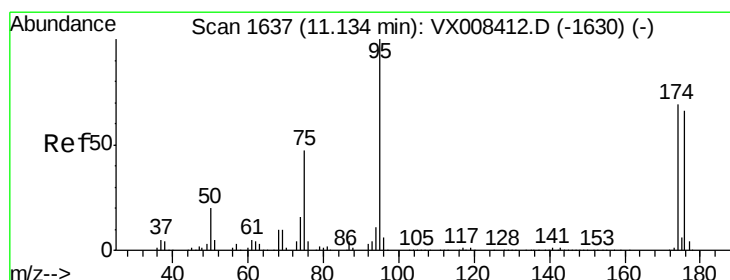
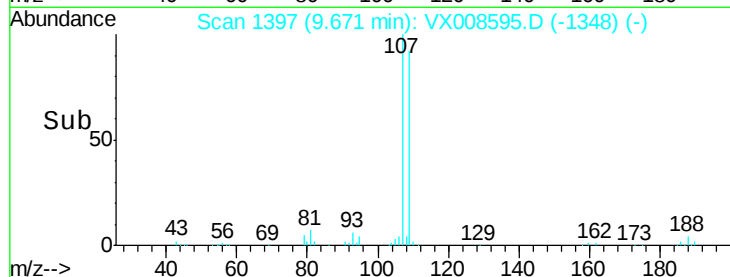
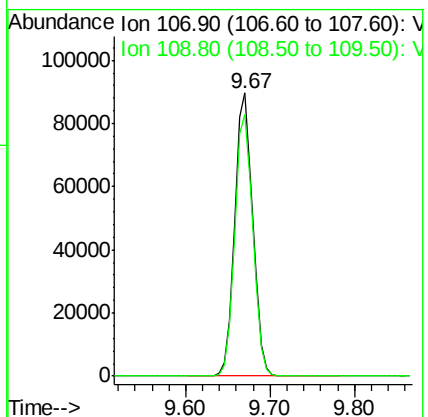
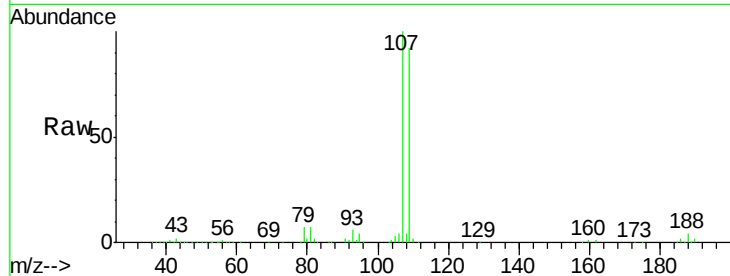
Ion Ratio Lower Upper

107 100

109 93.0 74.6 111.8

Manual Integrations  
APPROVED

MMDadoda  
4/3/2019 10:51:11 AM



#62

4-Bromofluorobenzene

Concen: 42.520 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

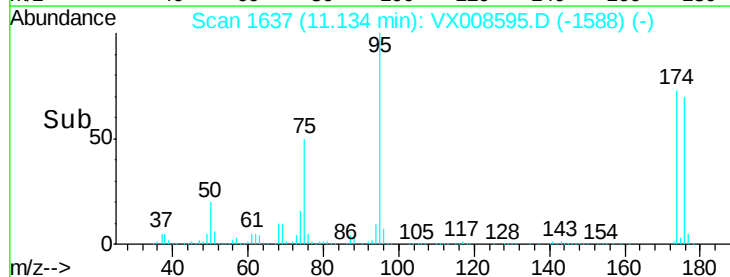
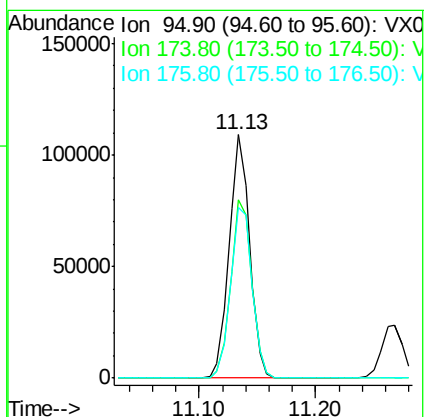
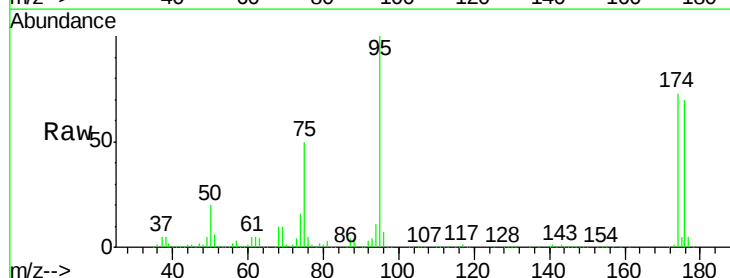
Tgt Ion: 95 Resp: 133166

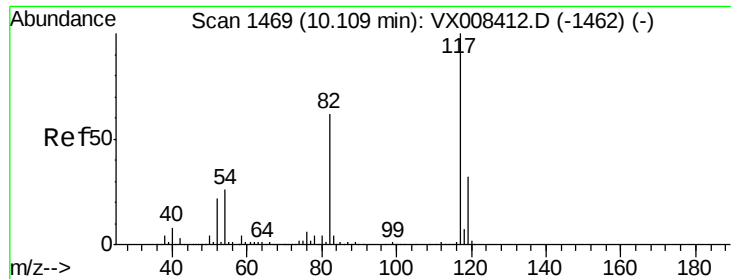
Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

176 74.6 0.0 142.4





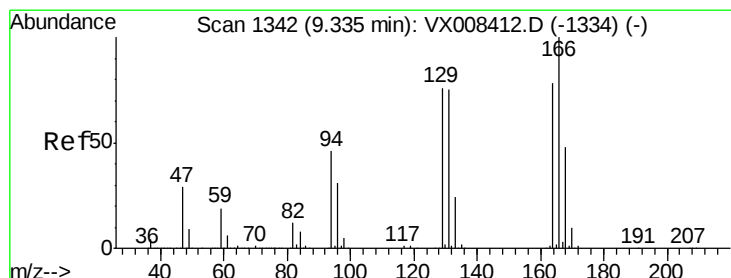
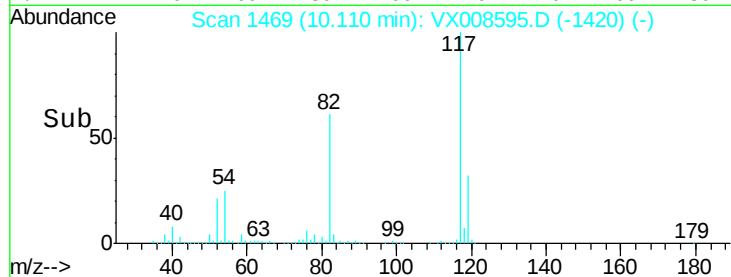
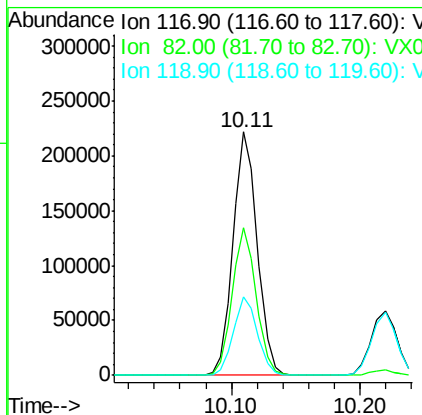
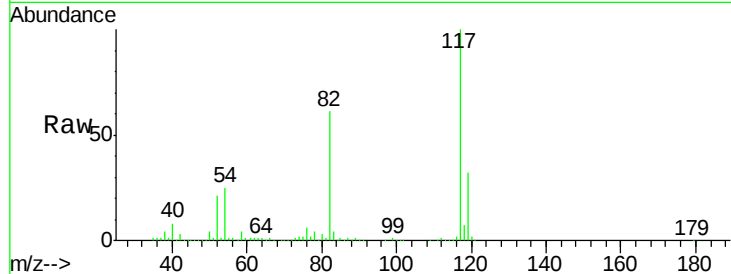
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 291213 |       |       |
| 82      | 60.6  | 49.4   | 74.2  |       |
| 119     | 32.1  | 25.4   | 38.0  |       |

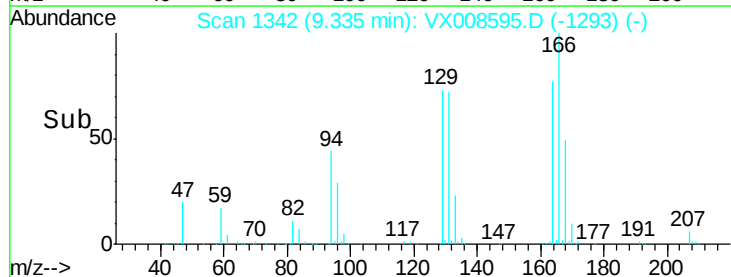
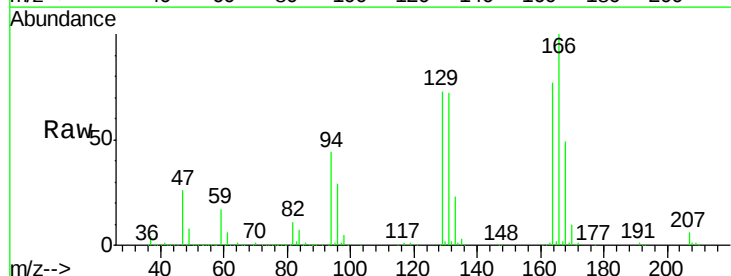
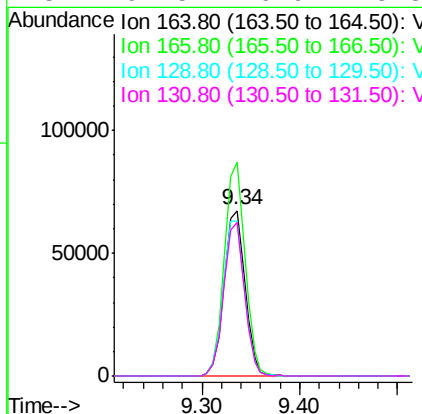
Manual Integrations  
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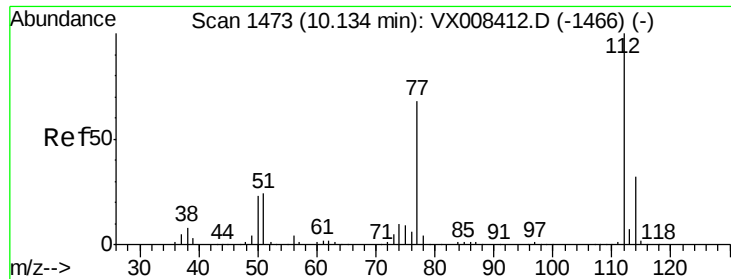
MMDadoda  
4/3/2019 10:51:11 AM



#64  
Tetrachloroethene  
Concen: 51.107 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 100758 |       |       |
| 166     | 129.1 | 102.5  | 153.7 |       |
| 129     | 94.0  | 77.8   | 116.8 |       |
| 131     | 92.5  | 76.9   | 115.3 |       |





#65

Chlorobenzene

Concen: 50.666 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 320869

Ion Ratio Lower Upper

112 100

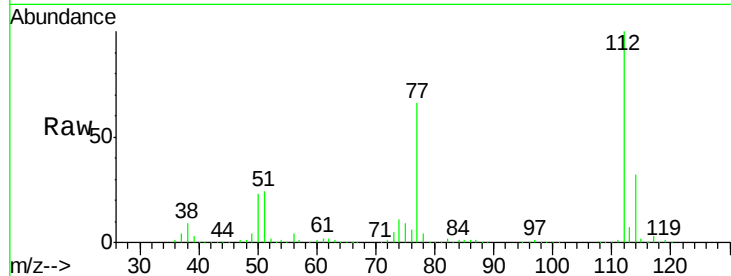
114 32.4 25.4 38.2

Manual Integrations

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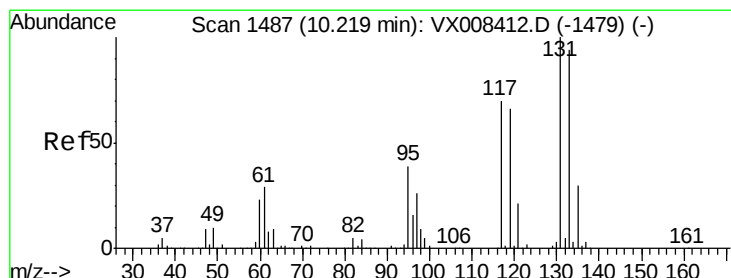
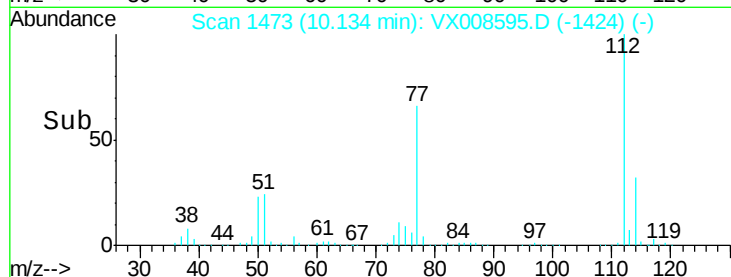
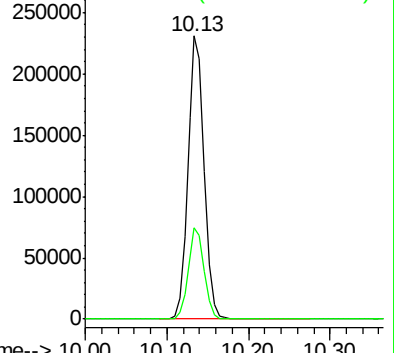
MMDadoda

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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: 52.141 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

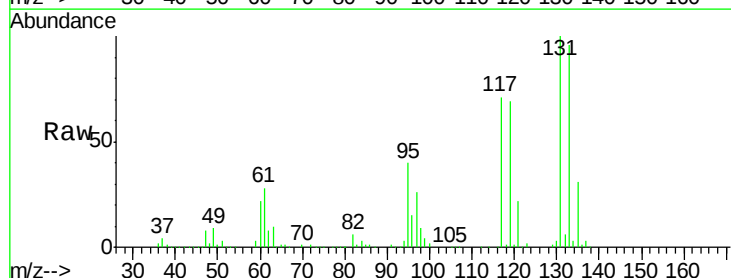
Tgt Ion:131 Resp: 113926

Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.8

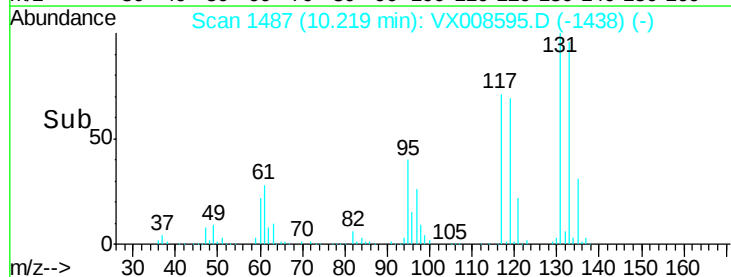
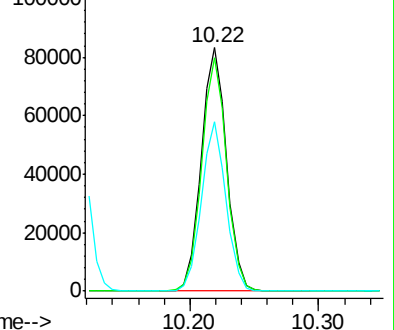
119 67.5 33.6 100.6

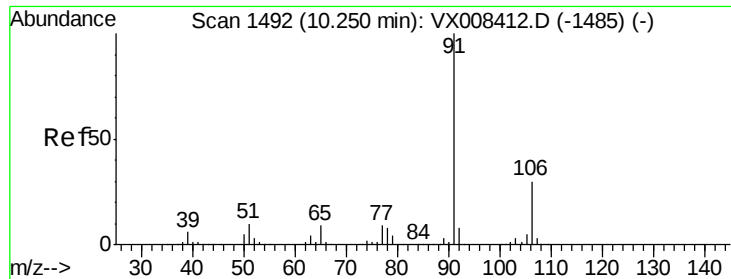


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





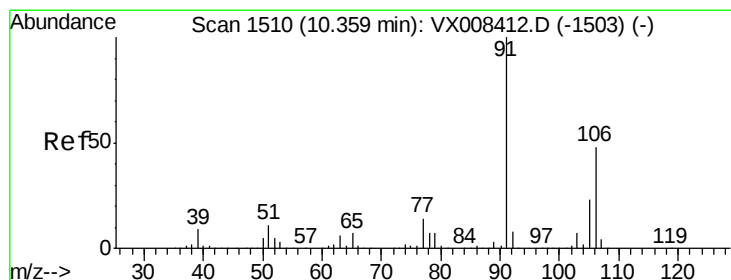
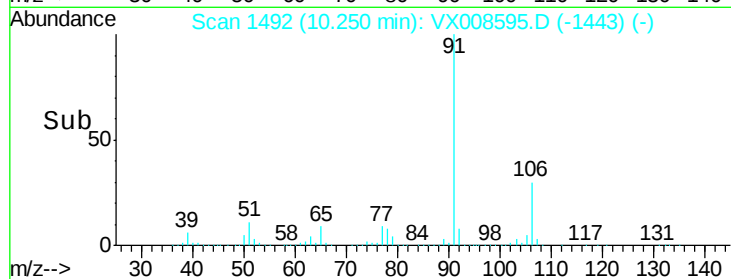
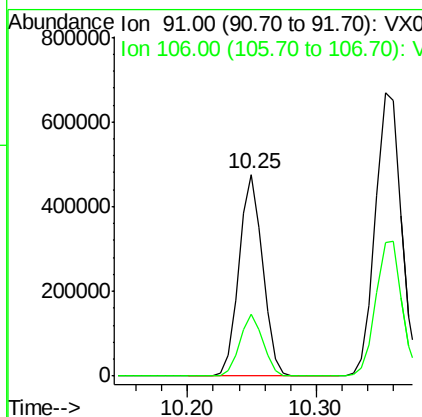
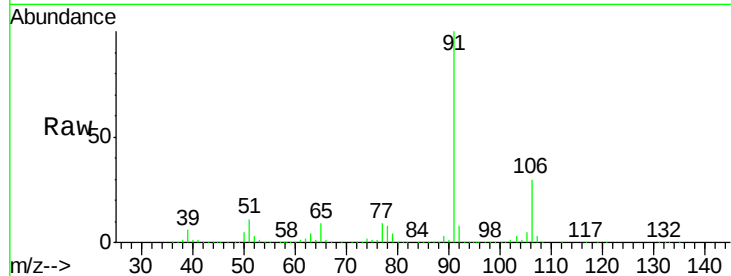
#67  
Ethyl Benzene  
Concen: 50.574 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 604469  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.0 36.0

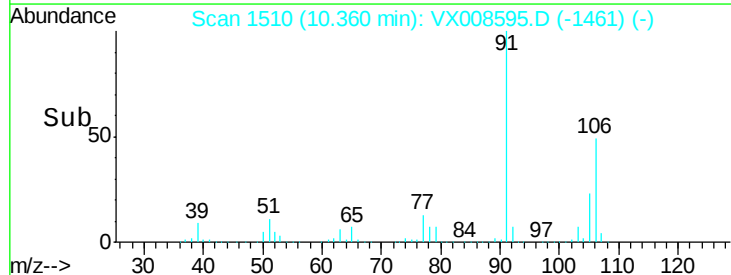
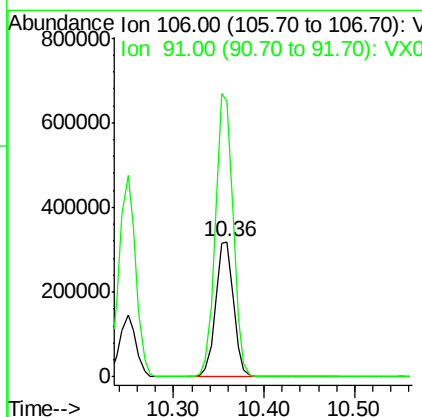
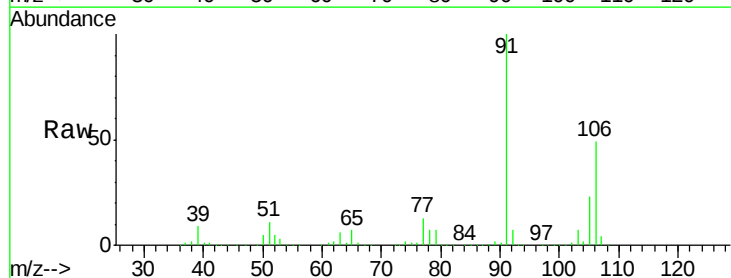
Manual Integrations  
APPROVED

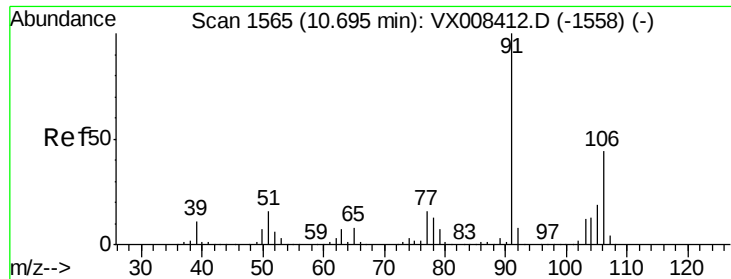
MMDadoda  
4/3/2019 10:51:11 AM



#68  
m/p-Xylenes  
Concen: 101.568 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Tgt Ion: 106 Resp: 441635  
Ion Ratio Lower Upper  
106 100  
91 209.3 168.6 253.0





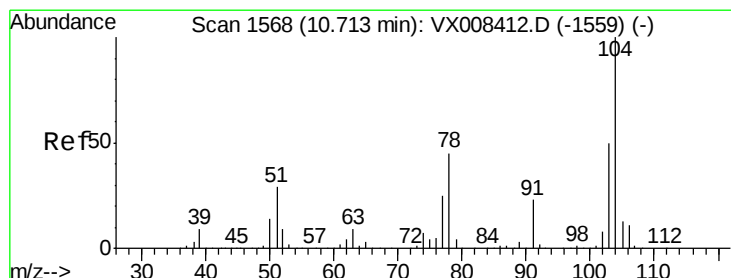
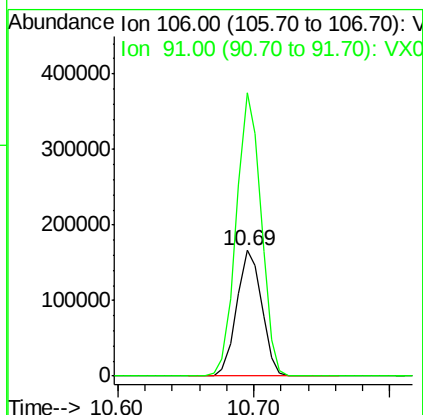
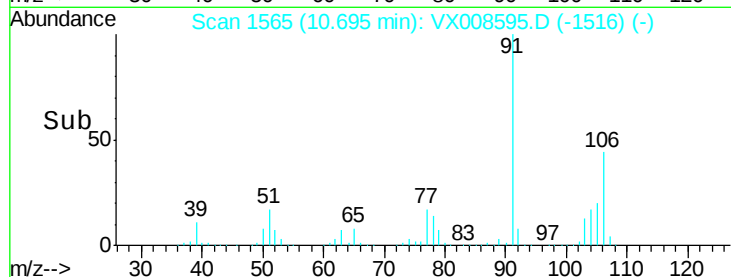
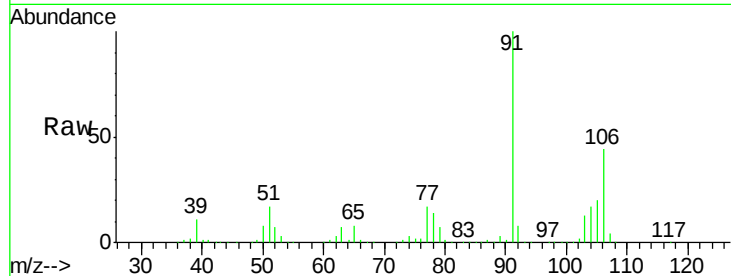
#69  
o-Xylene  
Concen: 50.753 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

Tot Ion:106 Resp: 214157  
Ion Ratio Lower Upper  
106 100  
91 222.7 111.4 334.2

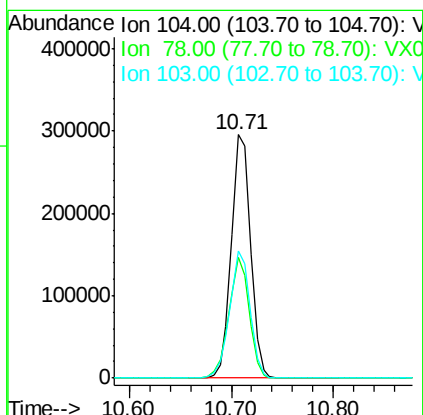
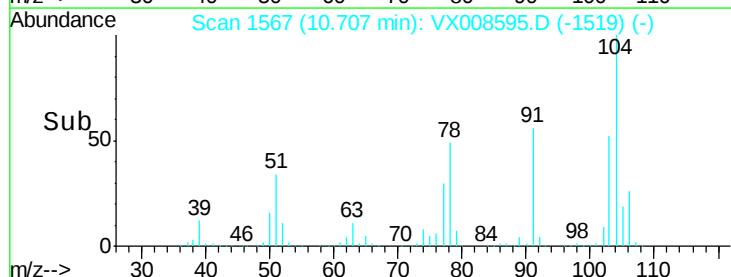
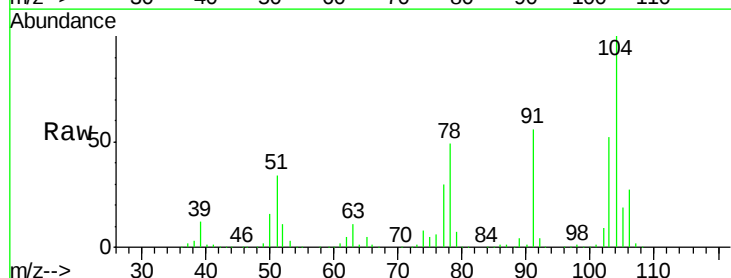
Manual Integrations  
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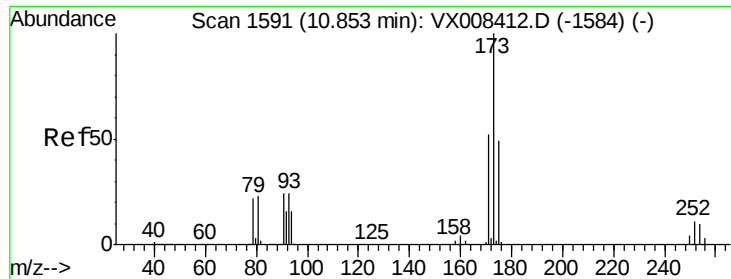
MMDadoda  
4/3/2019 10:51:11 AM



#70  
Styrene  
Concen: 52.557 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Tgt Ion:104 Resp: 383071  
Ion Ratio Lower Upper  
104 100  
78 52.4 42.5 63.7  
103 55.2 44.2 66.4





#71

Bromoform

Concen: 54.792 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 94544

Ion Ratio Lower Upper

173 100

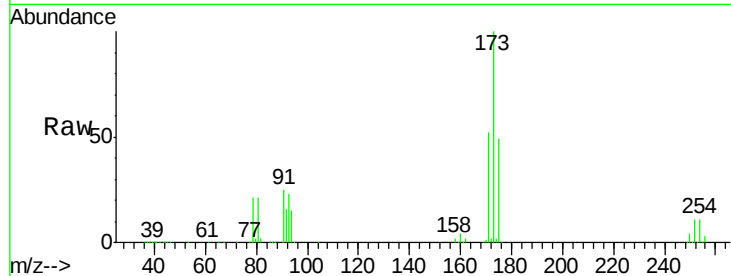
175 48.2 24.3 72.8

254 0.2 0.2 0.2

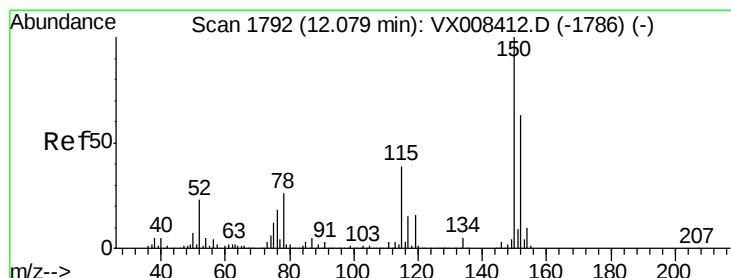
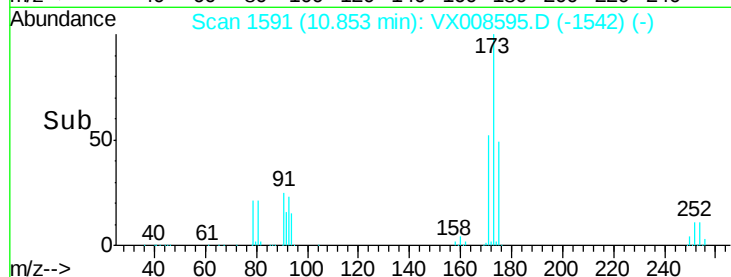
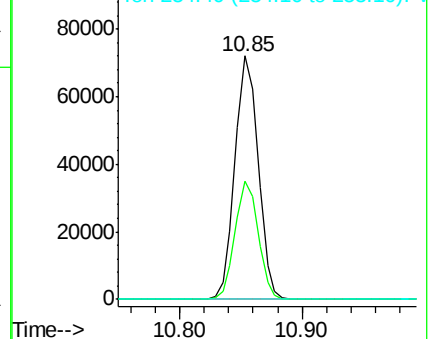
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

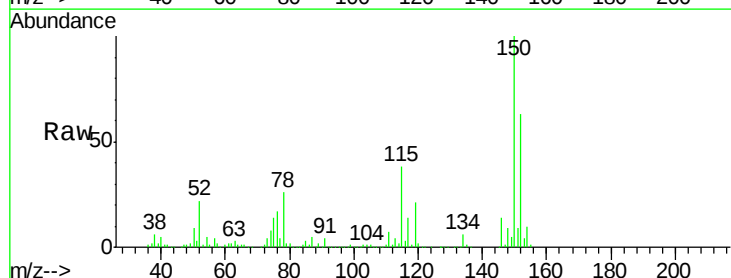
Tgt Ion:152 Resp: 145120

Ion Ratio Lower Upper

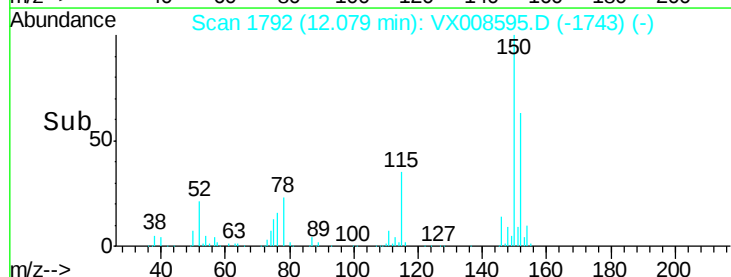
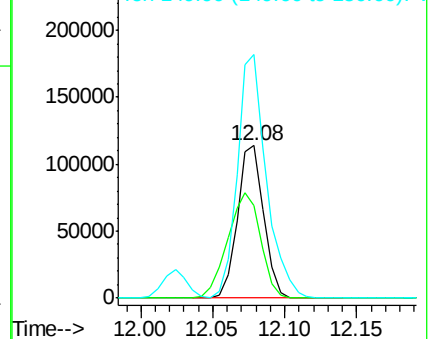
152 100

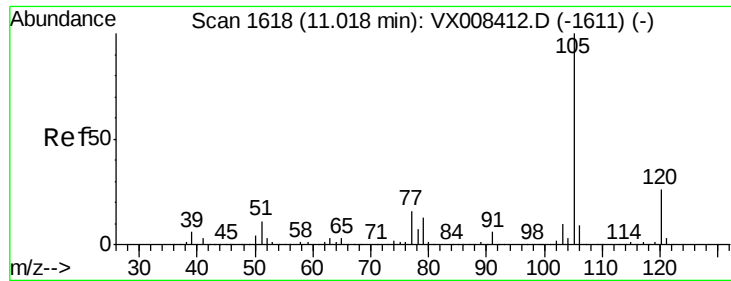
115 86.9 43.5 130.5

150 176.1 0.0 348.8



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





#73

Isopropylbenzene

Concen: 49.020 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 578740

Ion Ratio Lower Upper

105 100

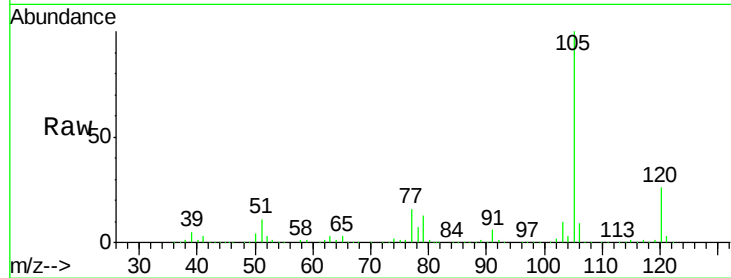
120 25.8 12.9 38.7

Manual Integrations

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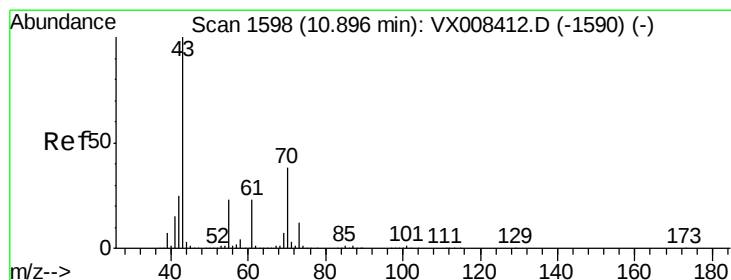
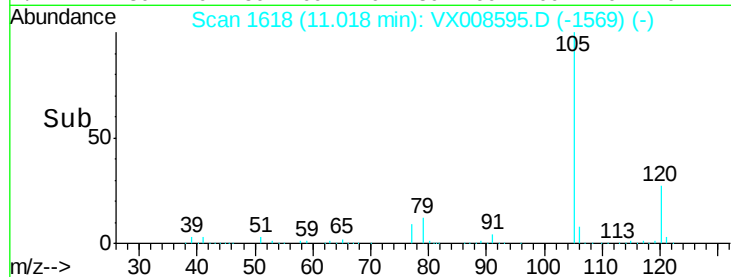
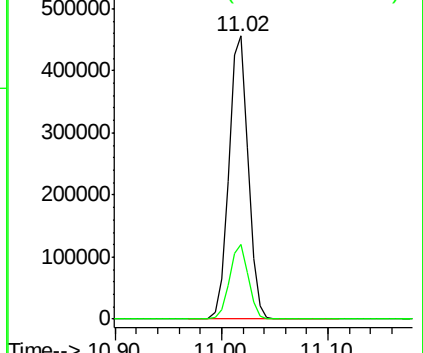
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.095 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Tgt Ion: 43 Resp: 342330

Ion Ratio Lower Upper

43 100

70 37.4 30.5 45.7

55 22.6 18.2 27.2

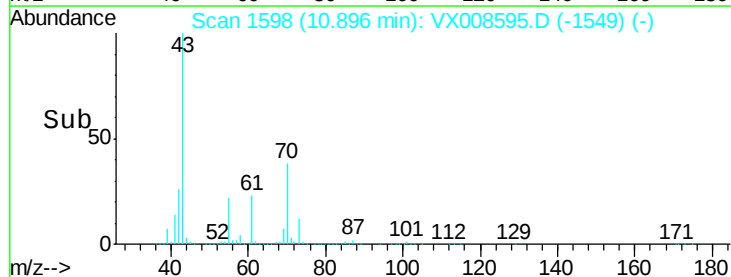
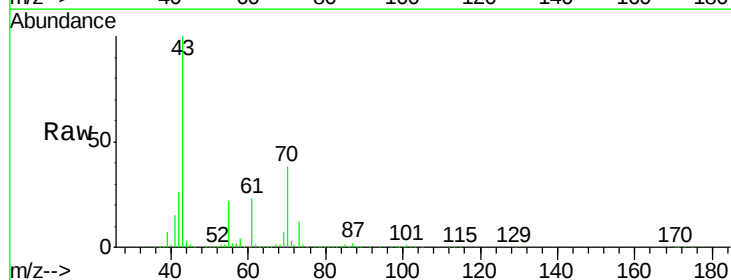
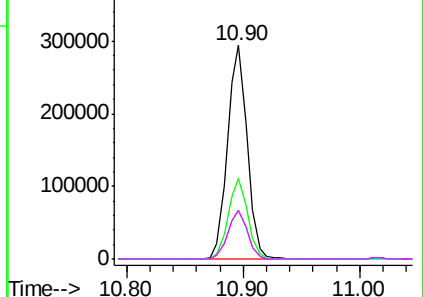
61 22.7 18.4 27.6

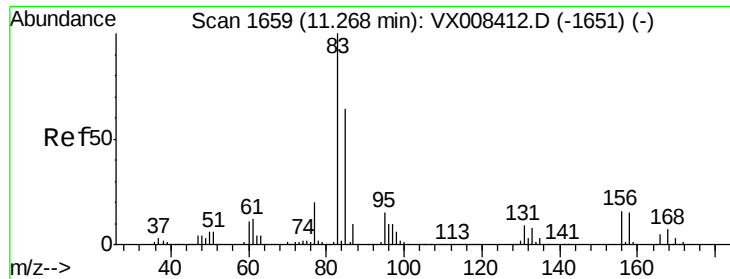
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.105 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

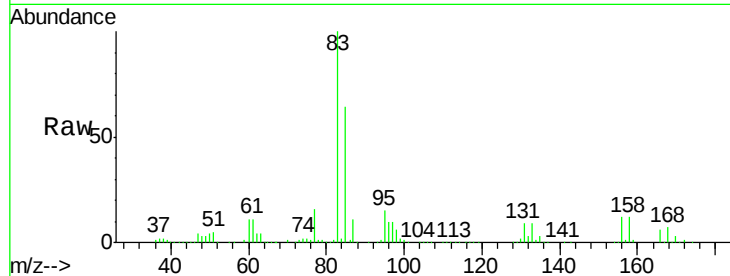
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 215778 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.1   | 4.5   | 13.4   |
| 85        | 63.7  | 31.9  | 95.9   |

Manual Integrations  
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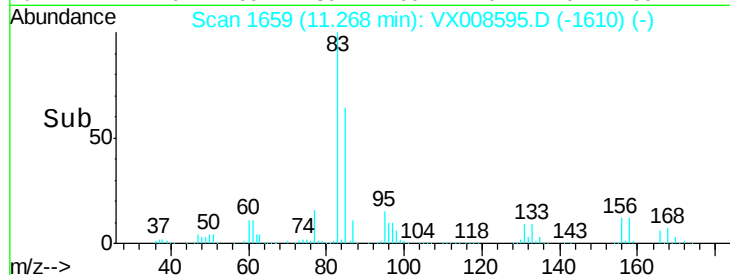


Abundance Ion 82.90 (82.60 to 83.60): VX0

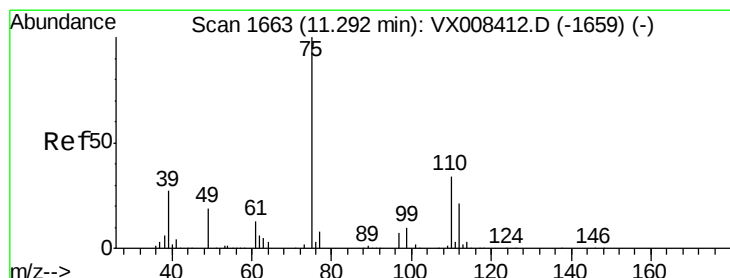
Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 43.498 ug/l m

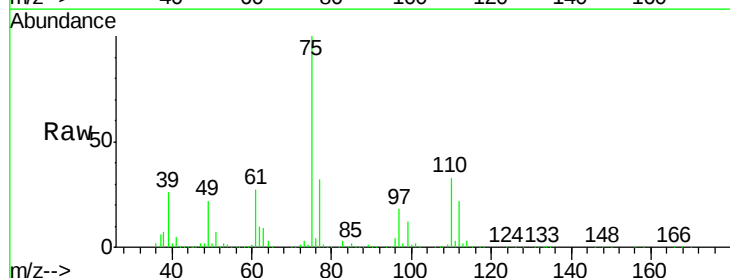
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

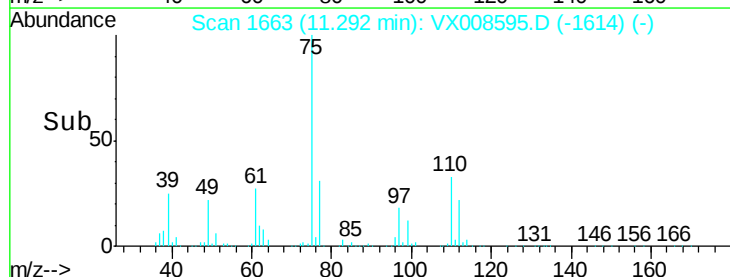
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 187665 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 43.1  | 21.9  | 65.7   |



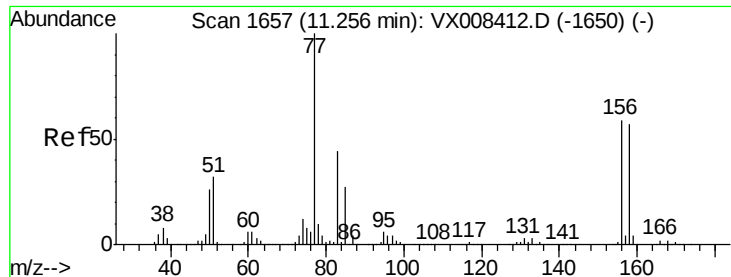
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->



#77

Bromobenzene

Concen: 47.816 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

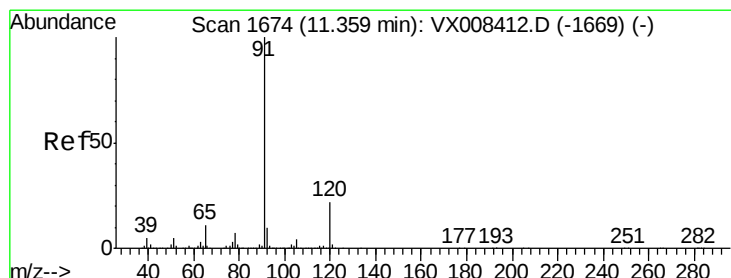
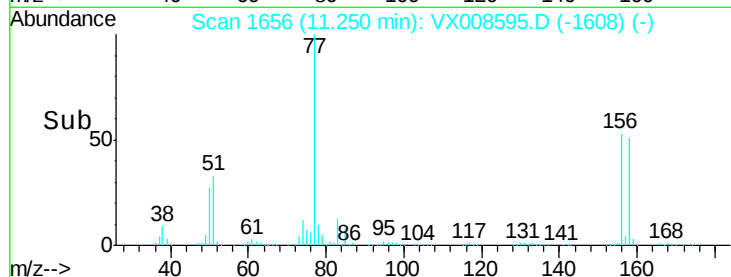
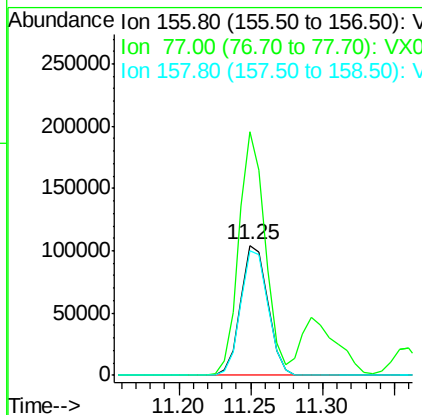
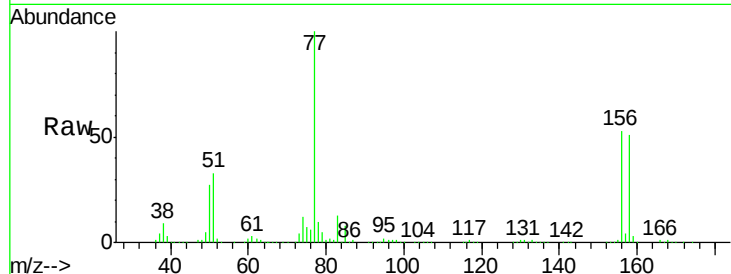
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 137011 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 181.2 | 91.1  | 273.3  |
| 158       | 96.7  | 48.3  | 144.8  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 50.315 ug/l

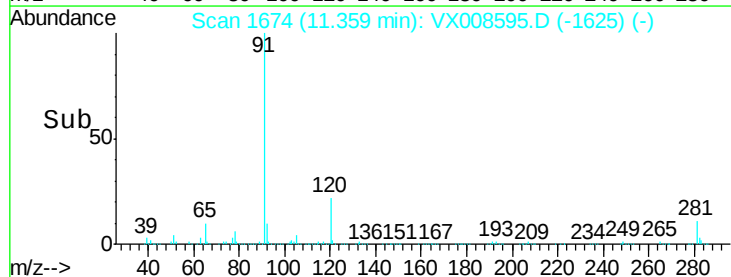
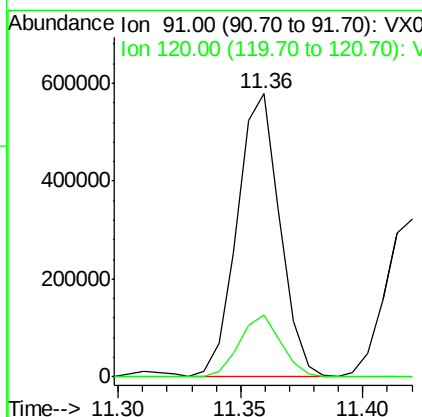
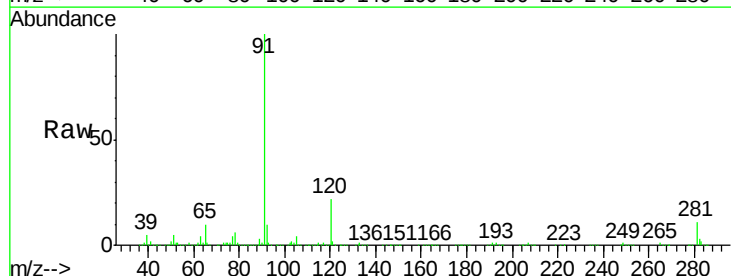
RT: 11.36 min Scan# 1674

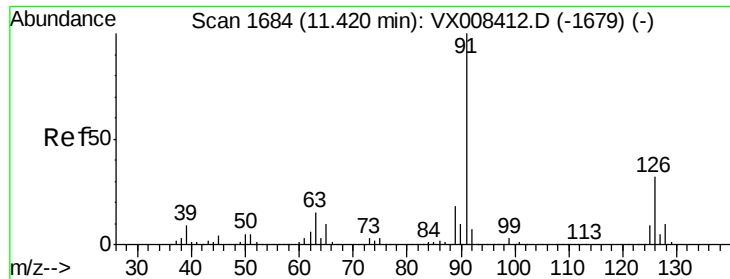
Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 695873 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.6  | 10.8  | 32.4   |





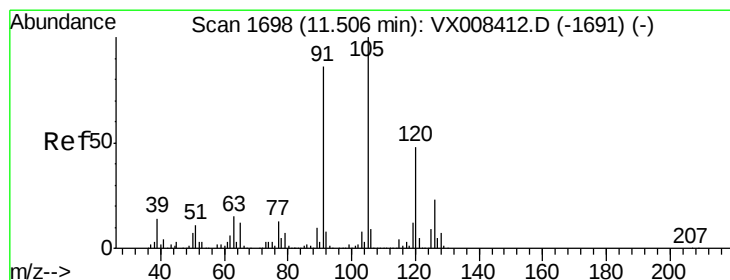
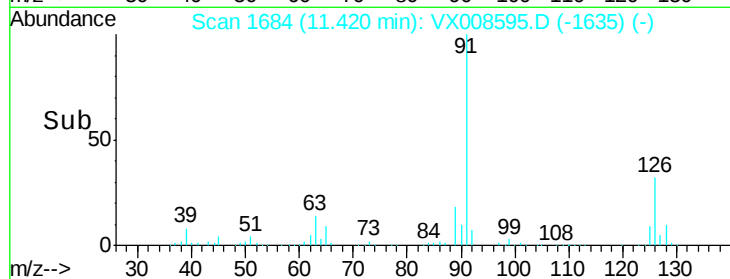
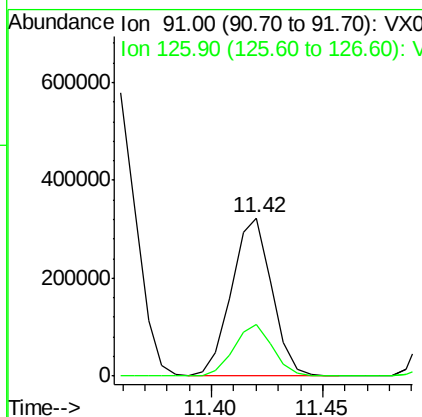
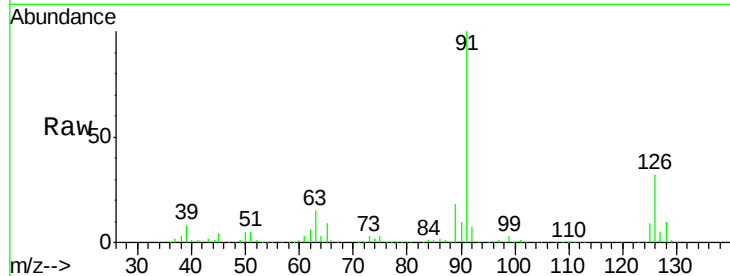
#79  
 2-Chlorotoluene  
 Concen: 47.999 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 403766  
 Ion Ratio Lower Upper  
 91 100  
 126 31.9 15.7 47.1

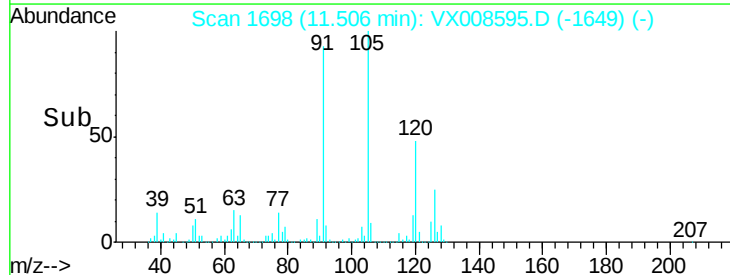
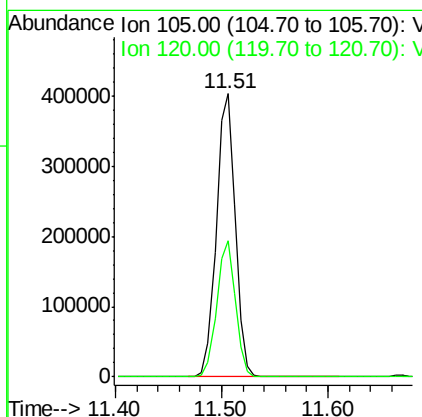
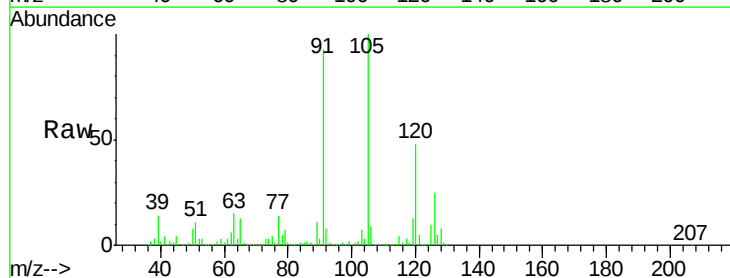
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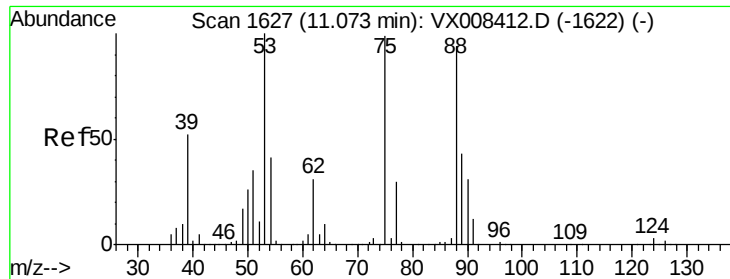
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.369 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

Tgt Ion: 105 Resp: 492761  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 54.551 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

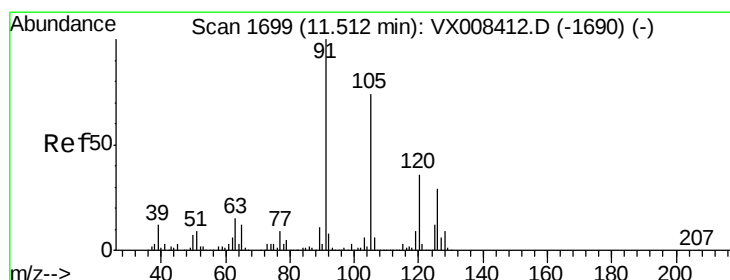
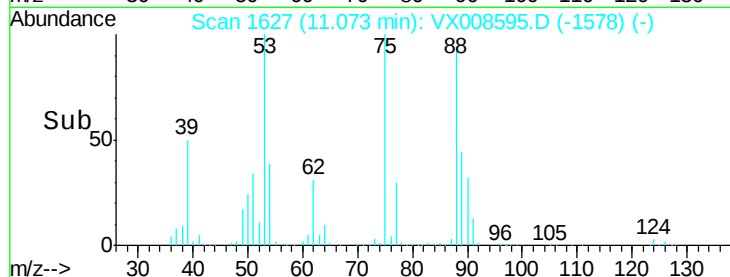
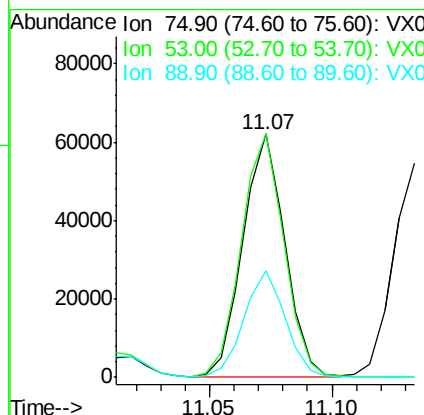
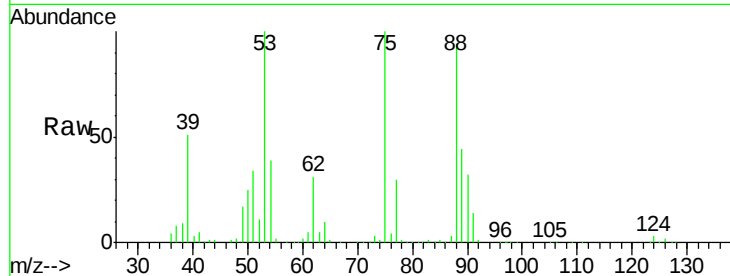
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 73481 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 102.1 | 82.1  | 123.1 |
| 89        | 43.4  | 34.6  | 52.0  |

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#82

4-Chlorotoluene

Concen: 48.426 ug/l

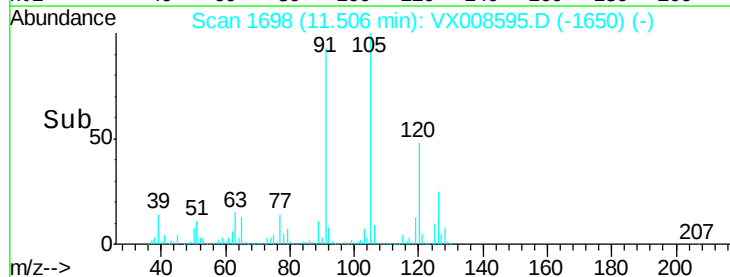
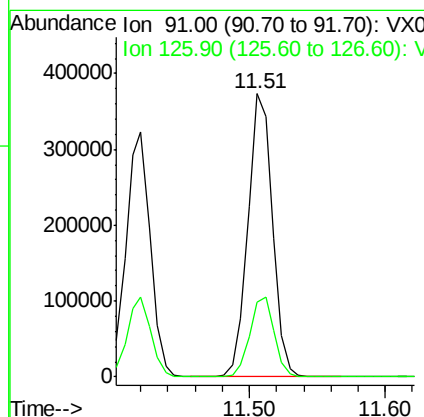
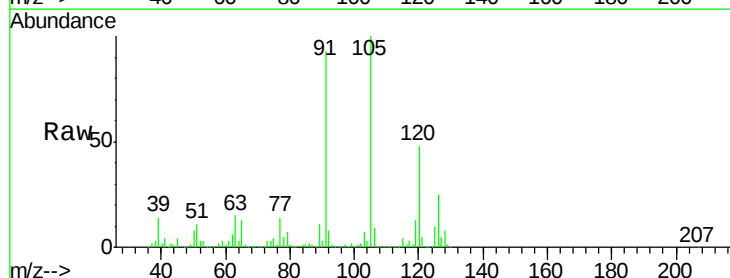
RT: 11.51 min Scan# 1698

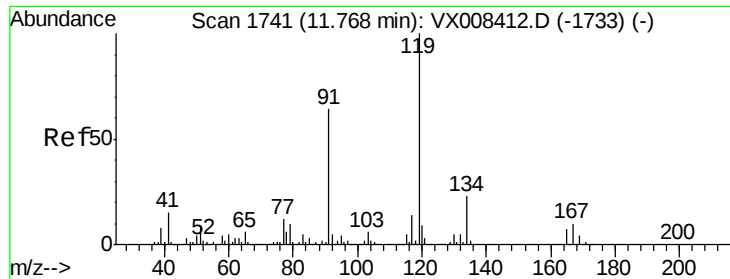
Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 469891 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 28.4  | 13.9  | 41.7   |





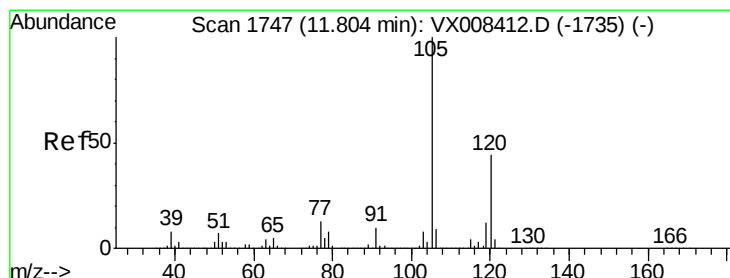
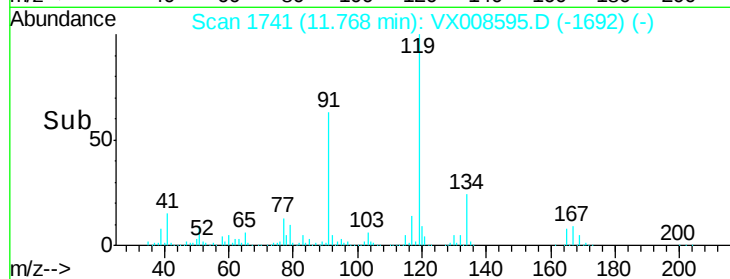
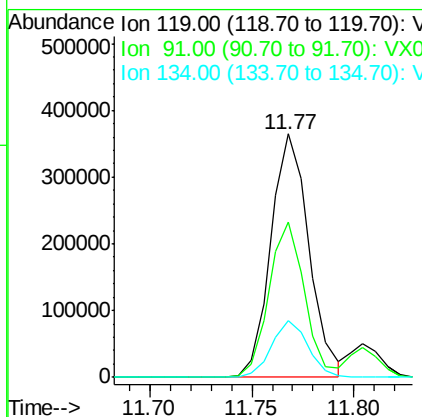
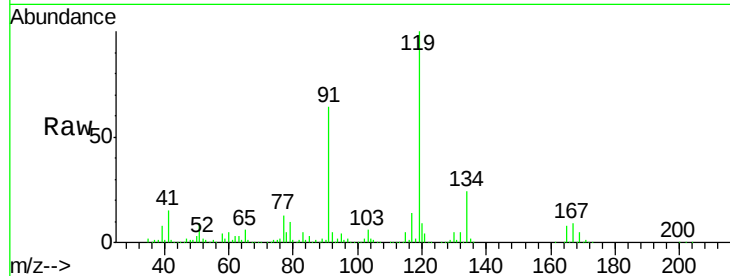
#83  
tert-Butylbenzene  
Concen: 49.366 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 475390 |       |       |
| 91      | 60.0  | 30.1   | 90.3  |       |
| 134     | 22.4  | 10.9   | 32.9  |       |

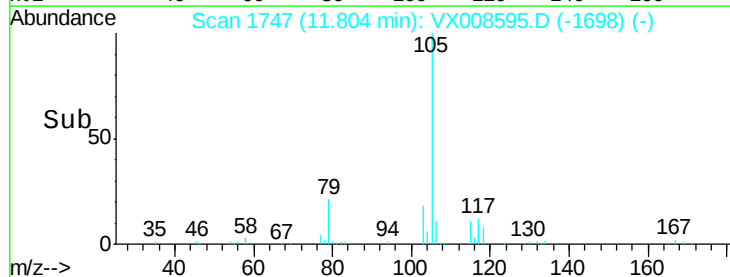
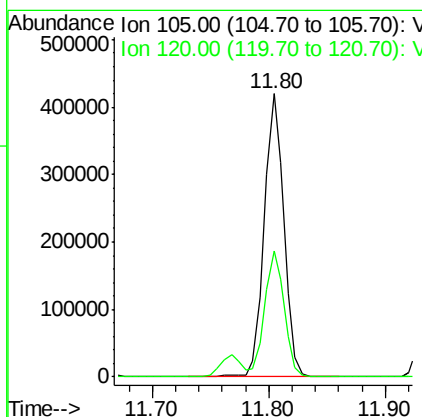
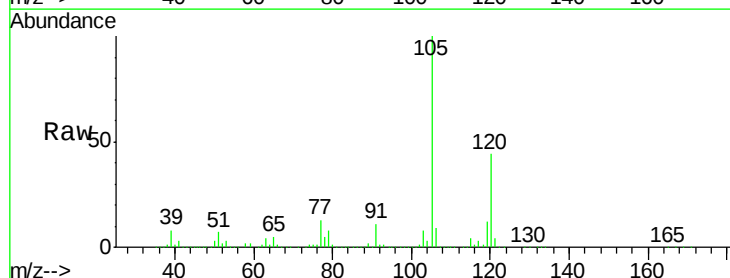
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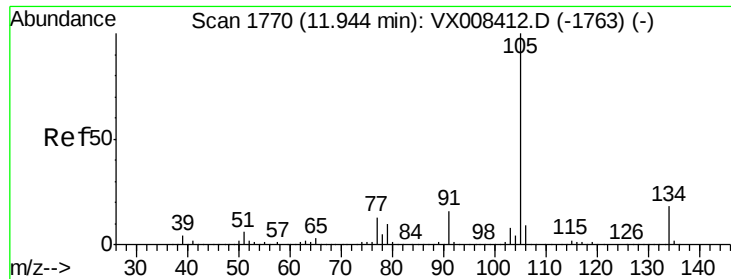
MMDadoda  
4/3/2019 10:51:11 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 49.017 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 494852 |       |       |
| 120     | 44.4  | 21.6   | 65.0  |       |





#85

sec-Butylbenzene

Concen: 50.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 578568

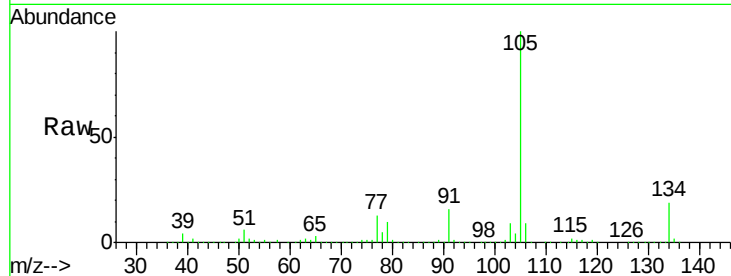
Ion Ratio Lower Upper

105 100

134 18.9 9.3 28.0

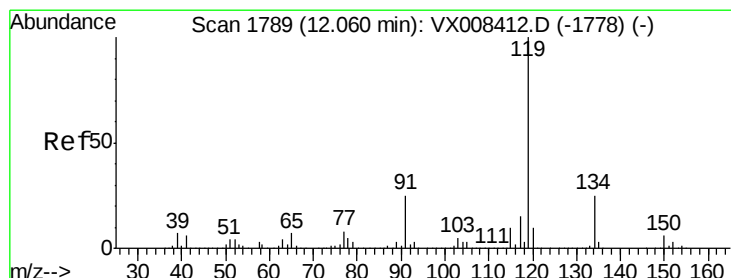
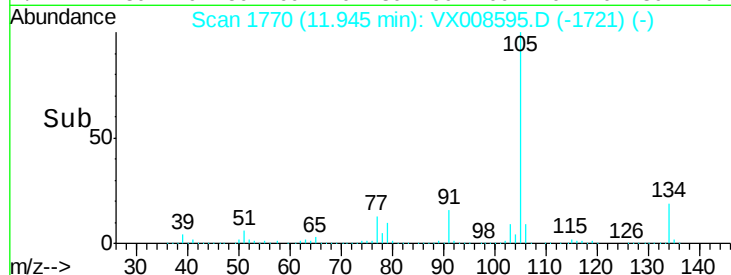
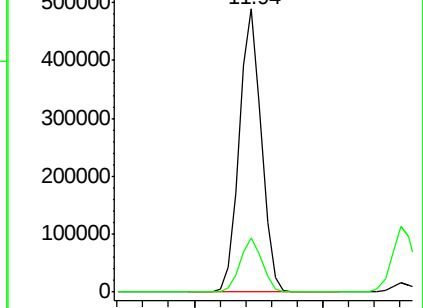
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.565 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

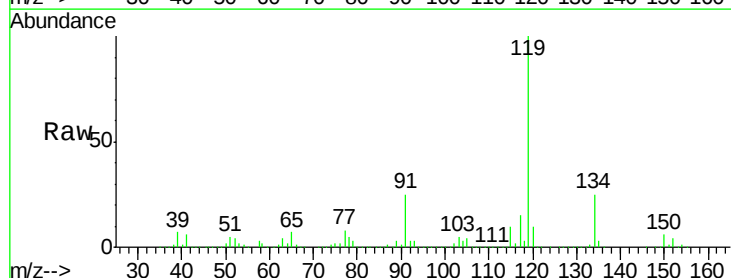
Tgt Ion:119 Resp: 521797

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

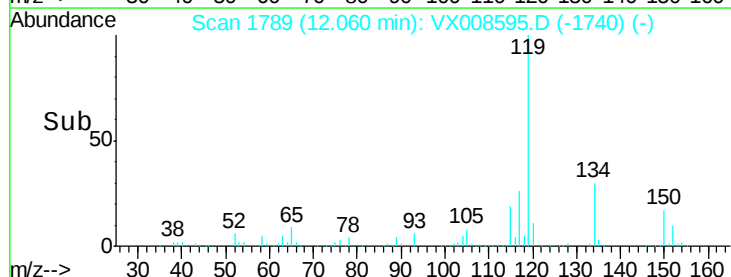
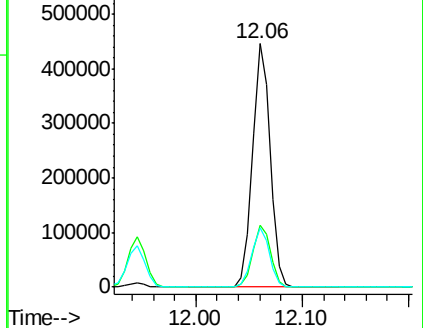
91 24.2 12.4 37.0

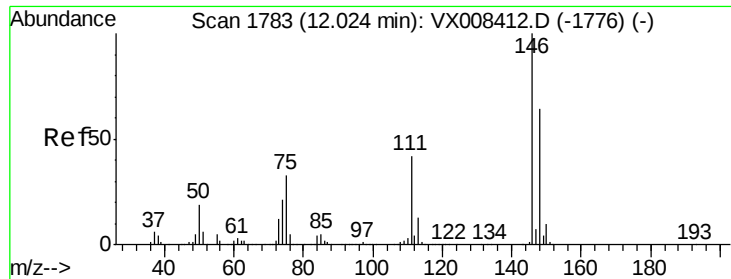


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





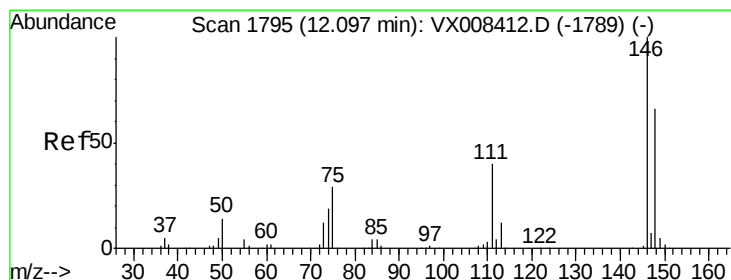
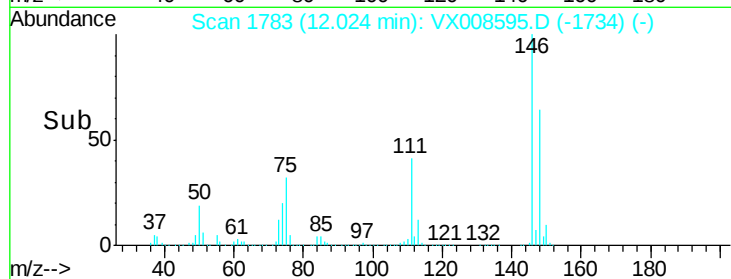
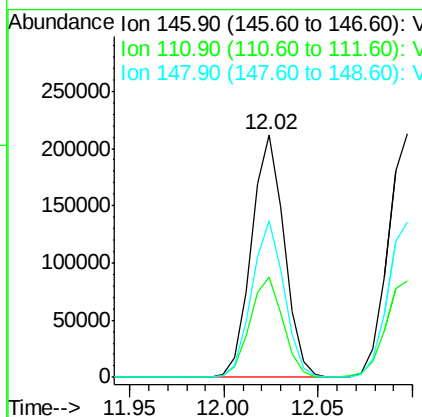
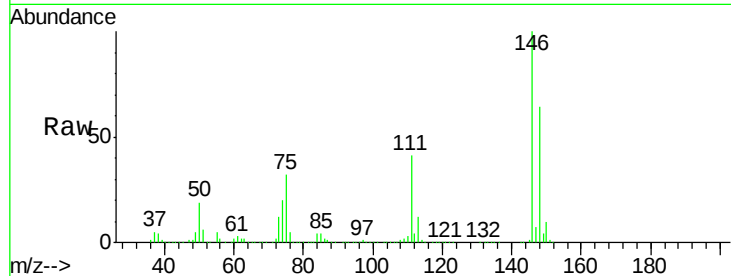
#87  
 1,3-Dichlorobenzene  
 Concen: 49.876 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 20.8  | 62.5  |
| 148     | 63.8  | 32.0  | 96.0  |

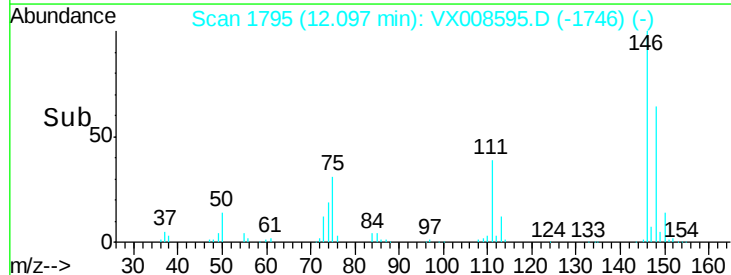
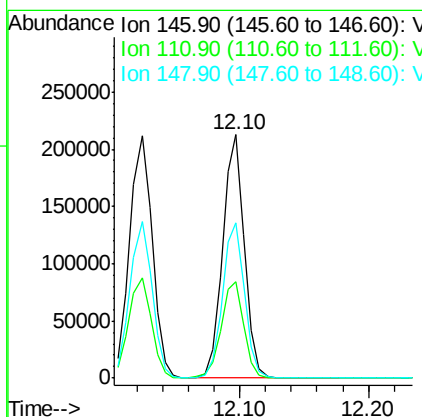
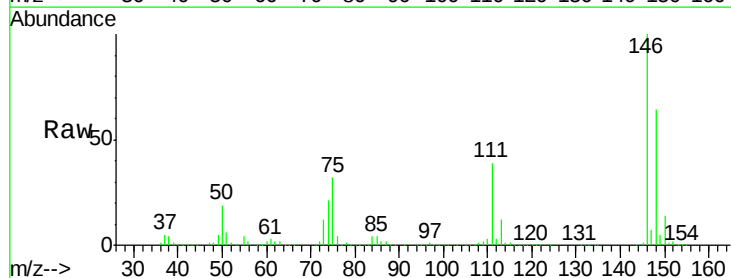
Manual Integrations  
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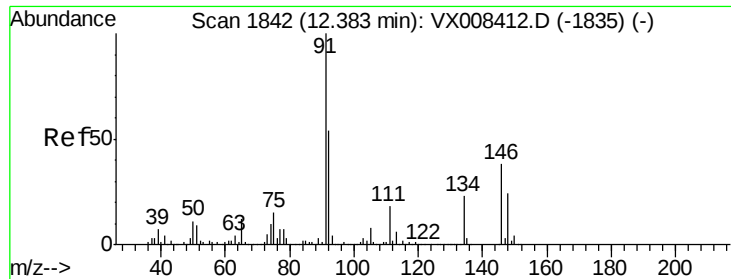
MMDadoda  
 4/3/2019 10:51:11 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.734 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.1  | 20.3  | 61.0  |
| 148     | 64.8  | 32.1  | 96.5  |





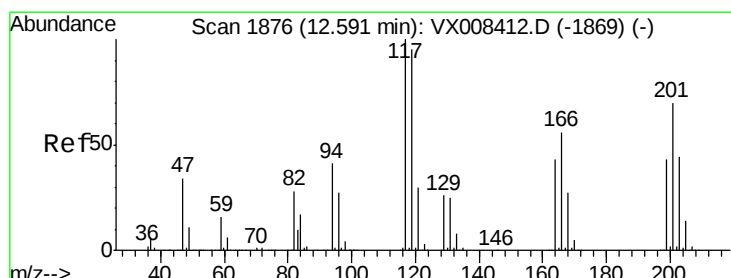
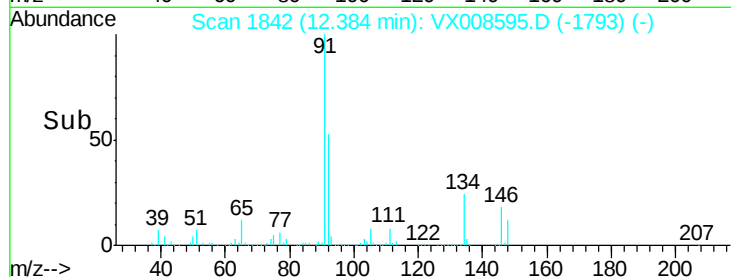
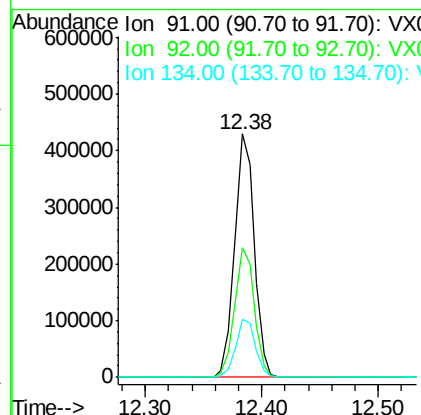
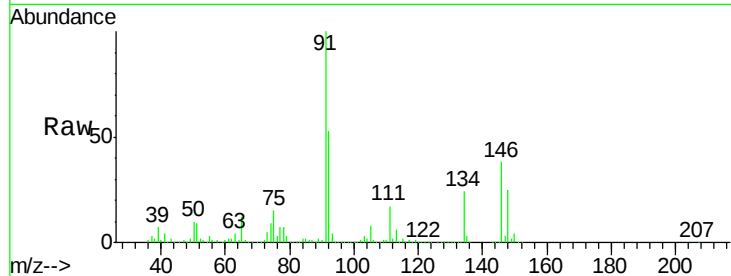
#89  
n-Butylbenzene  
Concen: 52.805 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 506178 |       |       |
| 92      | 53.2 | 26.5  | 79.5   |       |       |
| 134     | 24.1 | 11.8  | 35.4   |       |       |

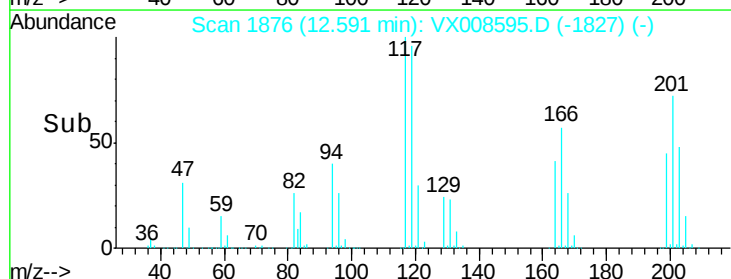
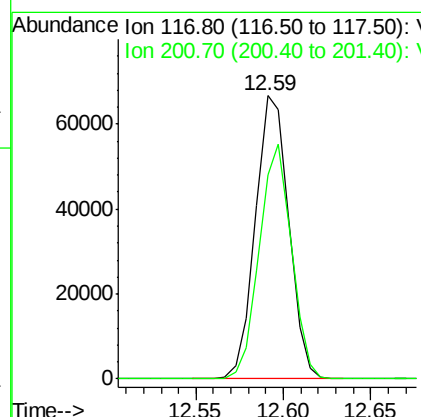
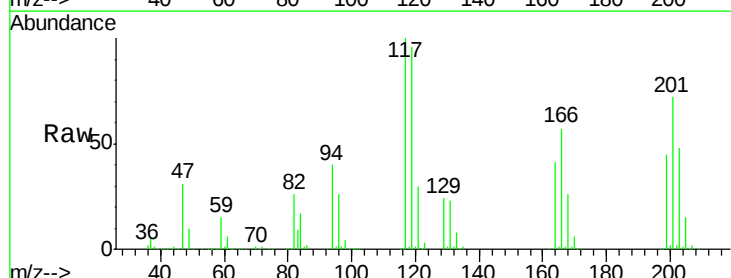
Manual Integrations  
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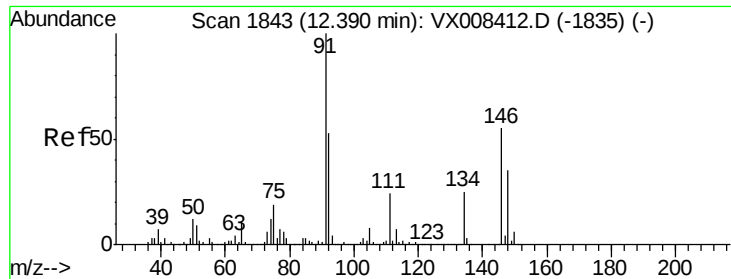
MMDadoda  
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#90  
Hexachloroethane  
Concen: 52.586 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       | 88649 |       |       |
| 201     | 79.7 | 39.4  | 118.1 |       |       |





#91

1,2-Dichlorobenzene

Concen: 49.054 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA\_X

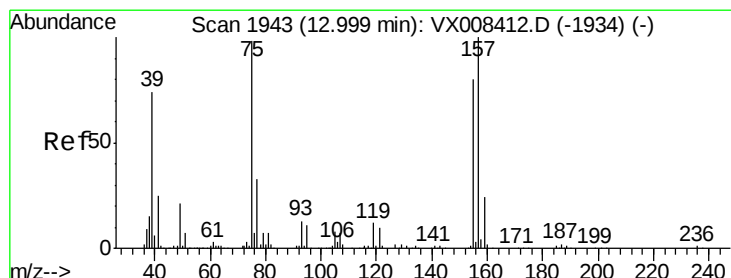
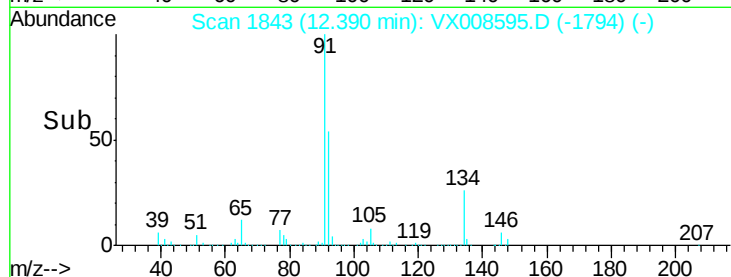
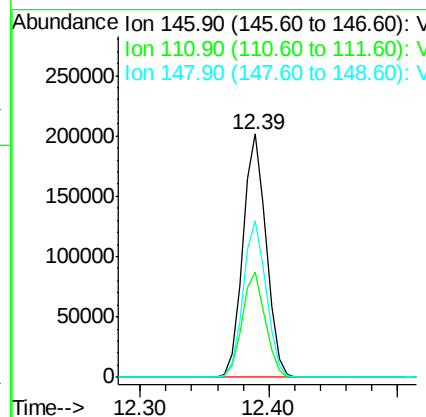
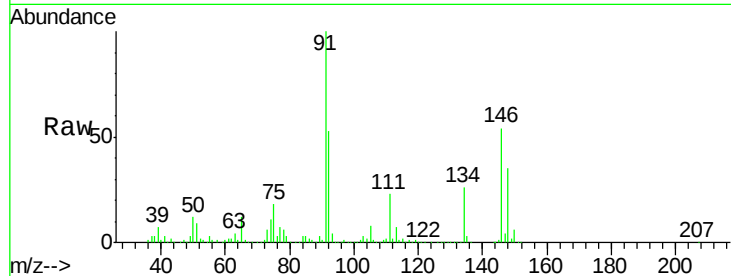
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 251491 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.9  | 21.6  | 64.6   |
| 148       | 64.0  | 31.9  | 95.7   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.855 ug/l

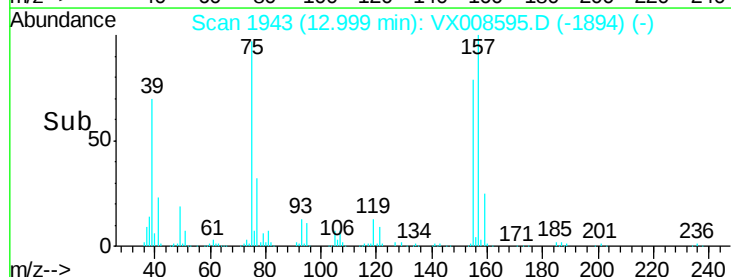
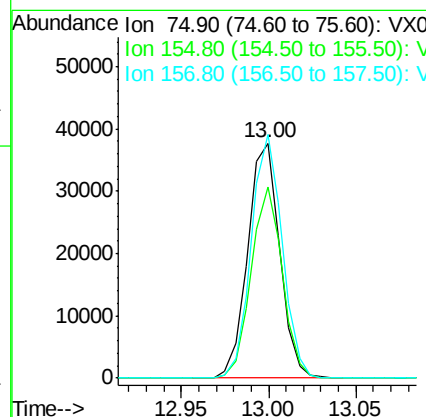
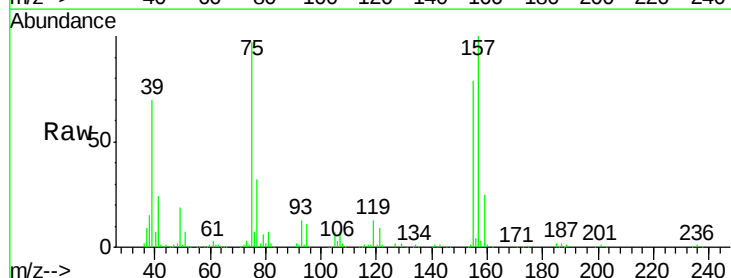
RT: 13.00 min Scan# 1943

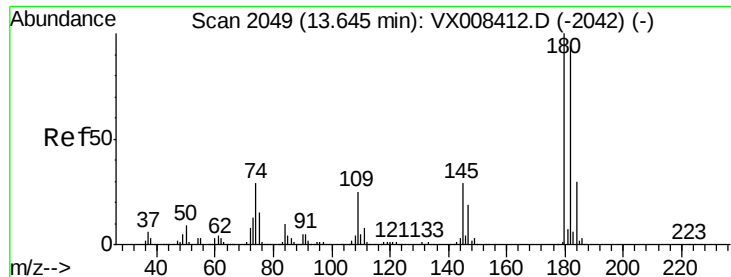
Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 47798 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 79.3  | 39.5  | 118.5 |
| 157       | 100.6 | 49.9  | 149.7 |





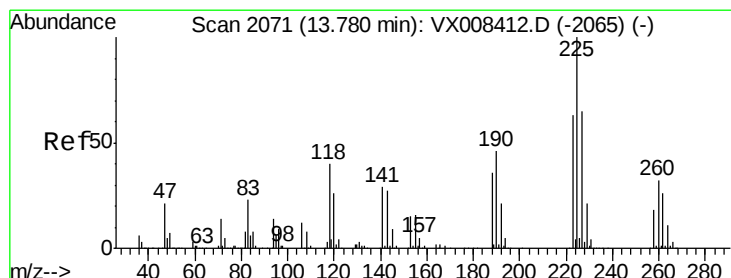
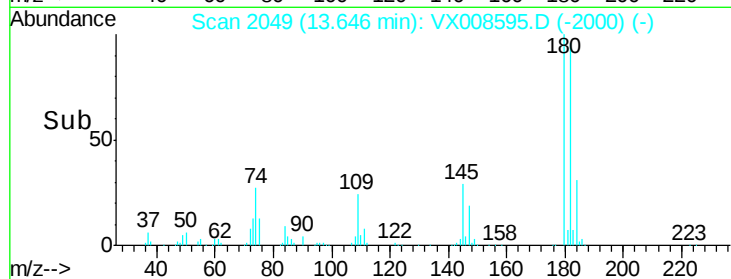
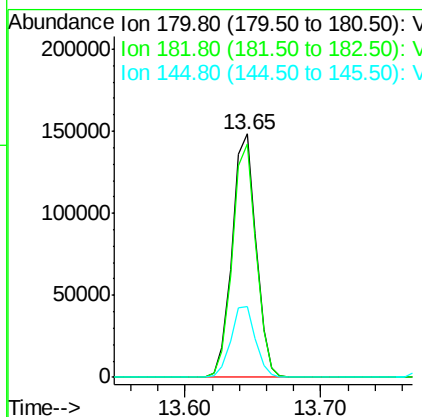
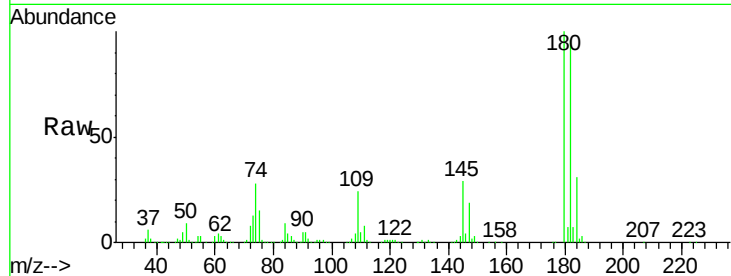
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.495 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 181197 |       |       |
| 182     | 95.3  | 47.3   | 142.0 |       |
| 145     | 30.0  | 15.3   | 45.8  |       |

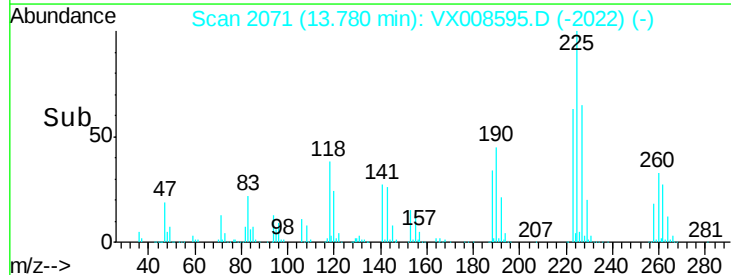
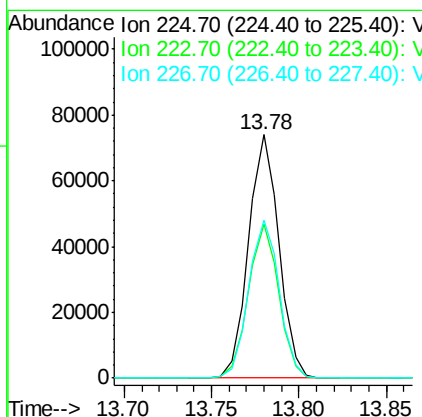
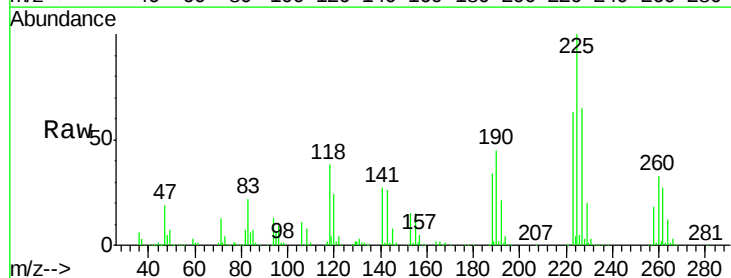
Manual Integrations  
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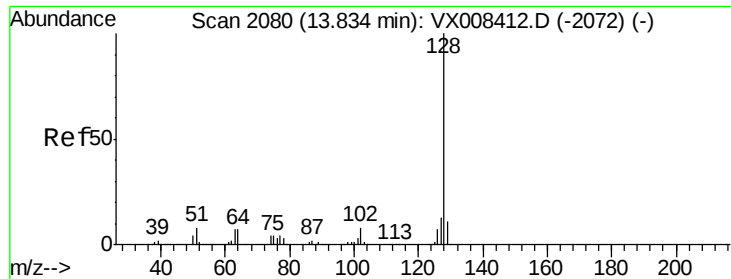
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#94  
 Hexachlorobutadiene  
 Concen: 54.383 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX008595.D  
 Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 89132 |       |       |
| 223     | 63.4  | 31.4  | 94.0  |       |
| 227     | 65.3  | 31.9  | 95.9  |       |





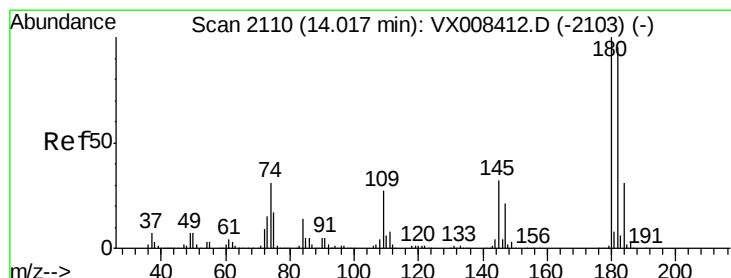
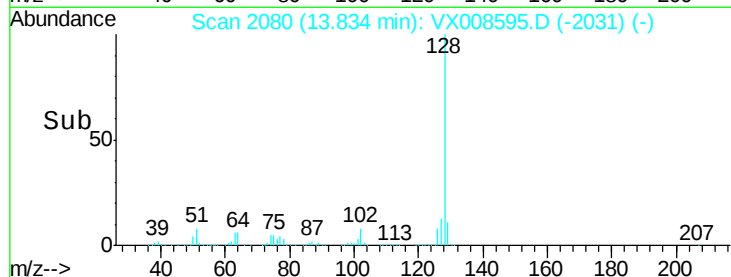
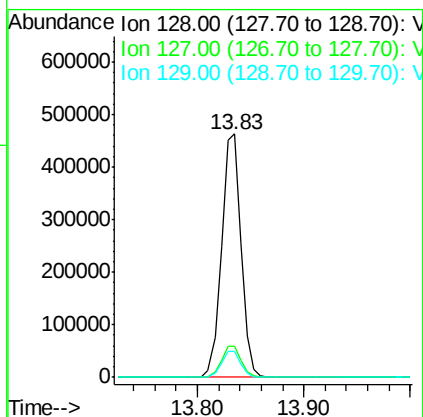
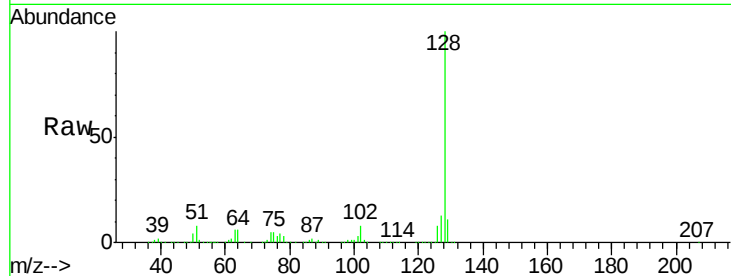
#95  
Naphthalene  
Concen: 49.701 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.4  | 15.6  |
| 129     | 10.8  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 51.615 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX008595.D  
Acq: 02 Apr 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 47.3  | 142.0 |
| 145     | 31.7  | 16.2  | 48.5  |

