

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\  
 Data File : VX004724.D  
 Acq On : 26 Sep 2018 12:54  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/1/2018 1:30:59 PM

Quant Time: Sep 26 13:31:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 13:18:49 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 296834   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 431300   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 385019   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 217400   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65   | 226631   | 50.00 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 100.00% |          |
| 35) Dibromofluoromethane    | 5.50   | 113  | 191486   | 50.00 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 100.00% |          |
| 50) Toluene-d8              | 8.72   | 98   | 570435   | 50.00 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 100.00% |          |
| 62) 4-Bromofluorobenzene    | 11.14  | 95   | 205481   | 50.00 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 100.00% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 238179   | 50.000  | ug/l  | 96     |
| 3) Chloromethane              | 1.32 | 50   | 262510   | 50.000  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 246611   | 50.000  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 141705   | 50.000  | ug/l  | 93     |
| 6) Chloroethane               | 1.71 | 64   | 134885   | 50.000  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 315681   | 50.000  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 120185   | 50.000  | ug/l  | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 157343   | 50.000  | ug/l  | 97     |
| 10) Methyl Iodide             | 2.51 | 142  | 254851   | 50.000  | ug/l  | 94     |
| 11) Tert butyl alcohol        | 3.08 | 59   | 300173   | 250.000 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 155665   | 50.000  | ug/l  | 99     |
| 13) Acrolein                  | 2.29 | 56   | 206242   | 250.000 | ug/l  | 87     |
| 14) Allyl chloride            | 2.72 | 41   | 362497   | 50.000  | ug/l  | 94     |
| 15) Acrylonitrile             | 3.15 | 53   | 683571   | 250.000 | ug/l  | 98     |
| 16) Acetone                   | 2.45 | 43   | 644775   | 250.000 | ug/l  | 90     |
| 17) Carbon Disulfide          | 2.57 | 76   | 496799   | 50.000  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.78 | 43   | 313995   | 50.000  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 547386   | 50.000  | ug/l  | 92     |
| 20) Methylene Chloride        | 2.85 | 84   | 204421   | 50.000  | ug/l  | 92     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 183113   | 50.000  | ug/l  | 89     |
| 22) Diisopropyl ether         | 3.87 | 45   | 611098   | 50.000  | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.82 | 43   | 2898961  | 250.000 | ug/l  | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 368219   | 50.000  | ug/l  | 98     |
| 25) 2-Butanone                | 4.71 | 43   | 937380   | 250.000 | ug/l  | 97     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 244634   | 50.000  | ug/l  | 96     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 204232   | 50.000  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.02 | 49   | 161599   | 50.000  | ug/l  | 93     |
| 29) Tetrahydrofuran           | 5.16 | 42   | 605483   | 250.000 | ug/l  | 94     |
| 30) Chloroform                | 5.21 | 83   | 320234   | 50.000  | ug/l  | 100    |
| 31) Cyclohexane               | 5.57 | 56   | 301691   | 50.000  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 273668   | 50.000  | ug/l  | 95     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 242970   | 50.000  | ug/l  | 94     |
| 37) Ethyl Acetate             | 4.86 | 43   | 332063   | 50.000  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 256230   | 50.000  | ug/l  | 95     |

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 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/1/2018 1:30:59 PM

Quant Time: Sep 26 13:31:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 13:18:49 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 249090   | 50.000   | ug/l # | 81       |
| 40) Benzene                    | 6.14  | 78   | 748372   | 50.000   | ug/l   | 95       |
| 41) Methacrylonitrile          | 5.06  | 41   | 191236   | 50.000   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 268551   | 50.000   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 511380   | 50.000   | ug/l   | 93       |
| 44) Trichloroethene            | 7.21  | 130  | 174333   | 50.000   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 179045   | 50.000   | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 111612   | 50.000   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 213725   | 50.000   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 220638   | 50.000   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 110709   | 1000.000 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1512649  | 250.000  | ug/l   | 95       |
| 52) Toluene                    | 8.79  | 92   | 430232   | 50.000   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 269117   | 50.000   | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 263464   | 50.000   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 187750   | 50.000   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 285769   | 50.000   | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 321124   | 50.000   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 763762   | 250.000  | ug/l   | 93       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1350450  | 250.000  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 205131   | 50.000   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 213186   | 50.000   | ug/l   | 95       |
| 64) Tetrachloroethene          | 9.34  | 164  | 192917   | 50.000   | ug/l   | 94       |
| 65) Chlorobenzene              | 10.14 | 112  | 484159   | 50.000   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 169108   | 50.000   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 774271   | 50.000   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.37 | 106  | 633484   | 100.000  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 286576   | 50.000   | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 490393   | 50.000   | ug/l   | 97       |
| 71) Bromoform                  | 10.86 | 173  | 151913   | 50.000   | ug/l   | 97       |
| 73) Isopropylbenzene           | 11.02 | 105  | 764088   | 50.000   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 373217   | 50.000   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 274867   | 50.000   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 251869m  | 50.000   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 207385   | 50.000   | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 883539   | 50.000   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 530321   | 50.000   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 658055   | 50.000   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 83674    | 50.000   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 630785   | 50.000   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 626118   | 50.000   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 677046   | 50.000   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 762002   | 50.000   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 692511   | 50.000   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 384395   | 50.000   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 390162   | 50.000   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 622974   | 50.000   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 103692   | 50.000   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 392640   | 50.000   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 61889    | 50.000   | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\  
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Acq On : 26 Sep 2018 12:54  
Operator : JC/MD  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

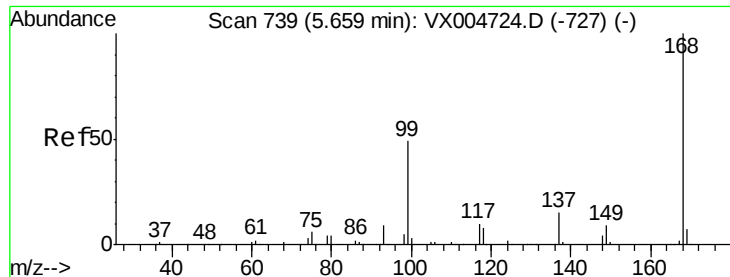
MMDadoda  
10/1/2018 1:30:59 PM

Quant Time: Sep 26 13:31:07 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 26 13:18:49 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 288560   | 50.000 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 138487   | 50.000 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 925561   | 50.000 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 297344   | 50.000 | ug/l  | 99       |

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





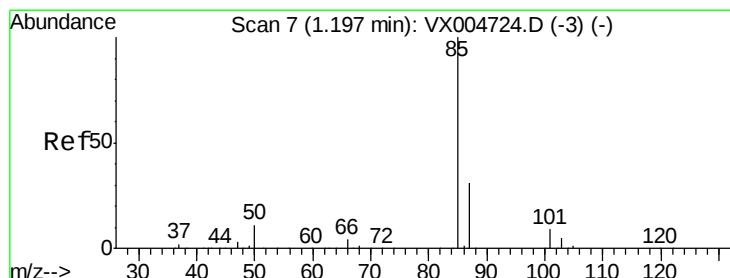
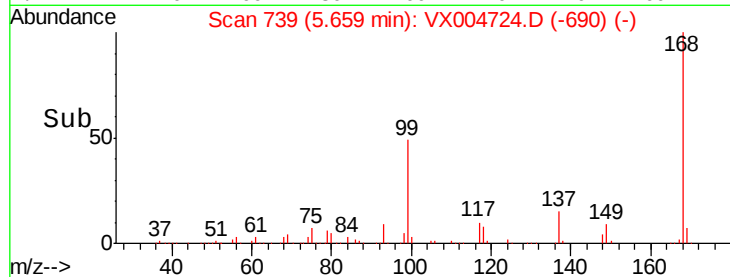
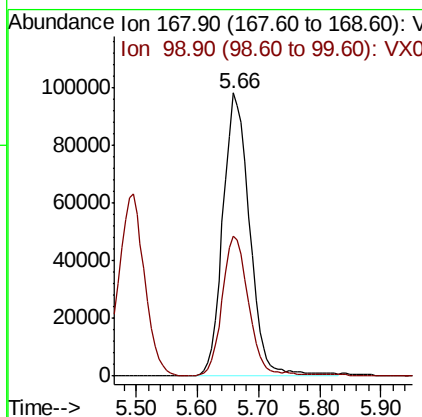
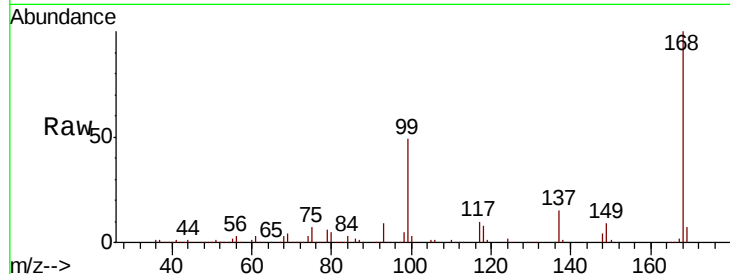
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 49.1  | 39.9  | 59.9  |

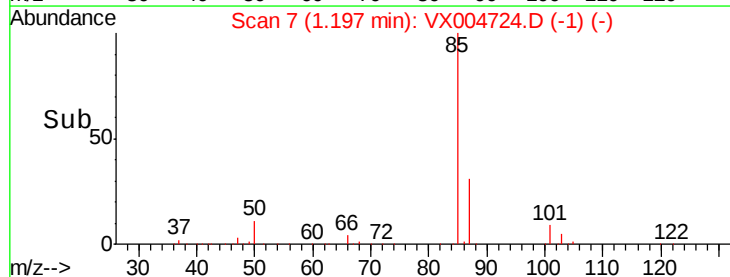
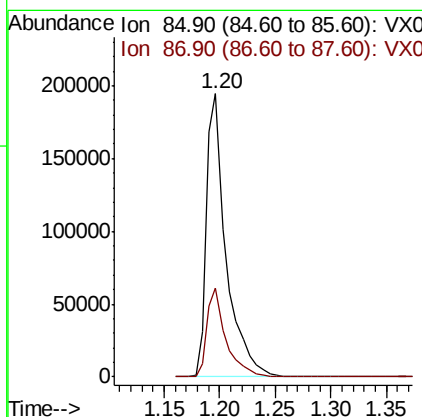
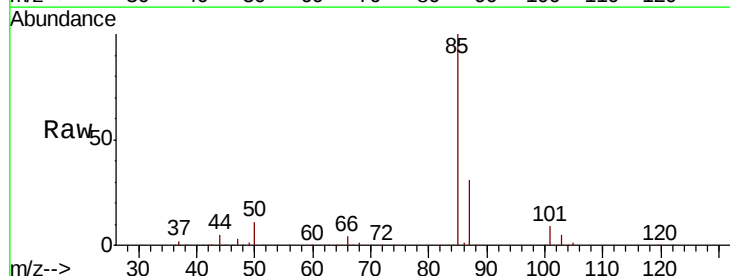
Manual Integrations  
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#2  
Dichlorodifluoromethane  
Concen: 50.000 ug/l  
RT: 1.20 min Scan# 7  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 31.4  | 17.0  | 50.9  |





#3

Chloromethane

Concen: 50.000 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 262510

Ion Ratio Lower Upper

50 100

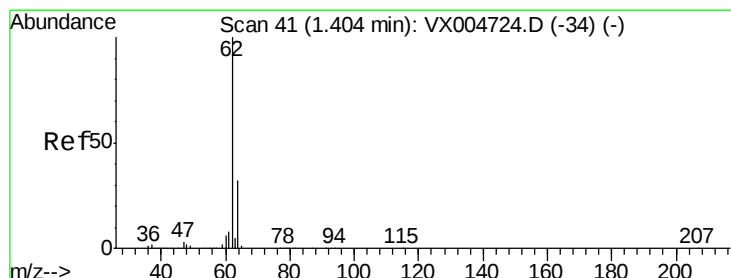
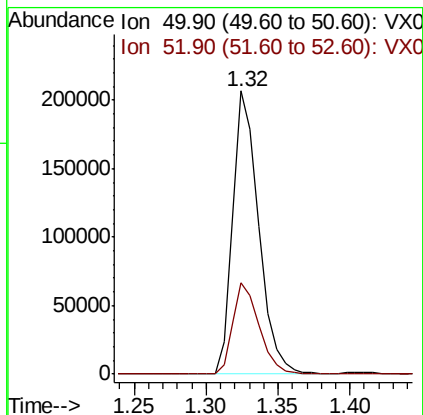
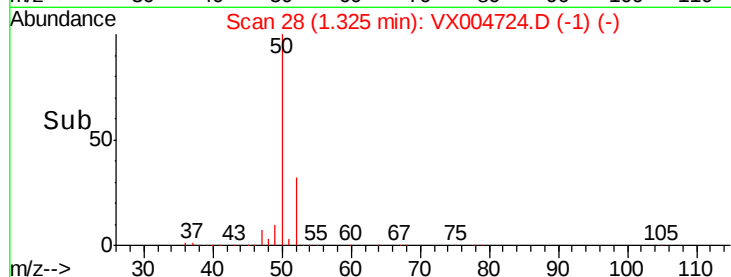
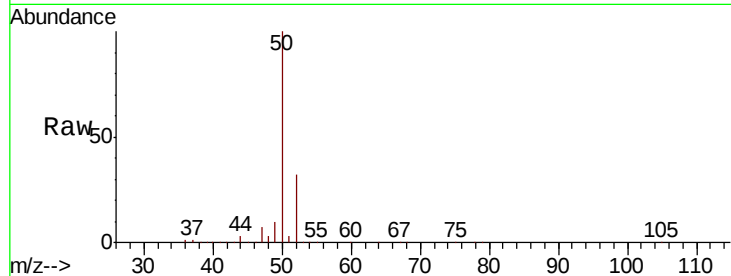
52 32.2 26.2 39.2

Manual Integrations

APPROVED

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10/1/2018 1:30:59 PM



#4

Vinyl Chloride

Concen: 50.000 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004724.D

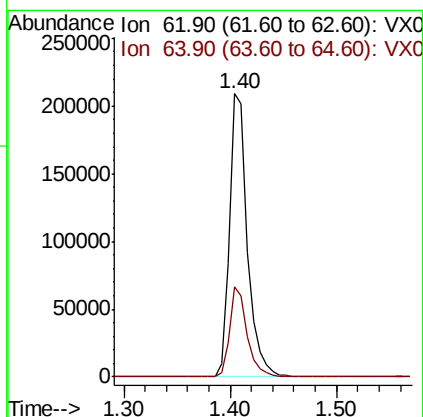
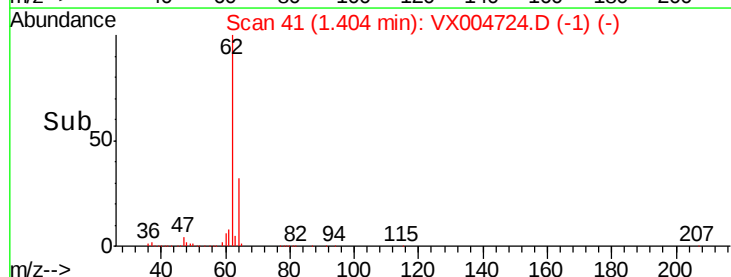
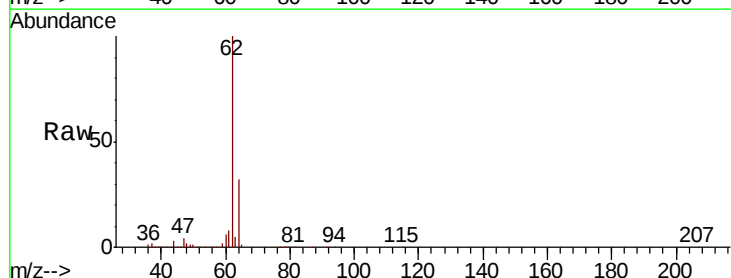
Acq: 26 Sep 2018 12:54

Tgt Ion: 62 Resp: 246611

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 50.000 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 141705

Ion Ratio Lower Upper

94 100

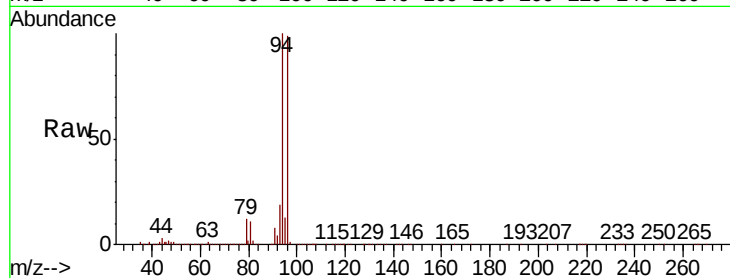
96 99.4 74.5 111.7

Manual Integrations

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10/1/2018 1:30:59 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

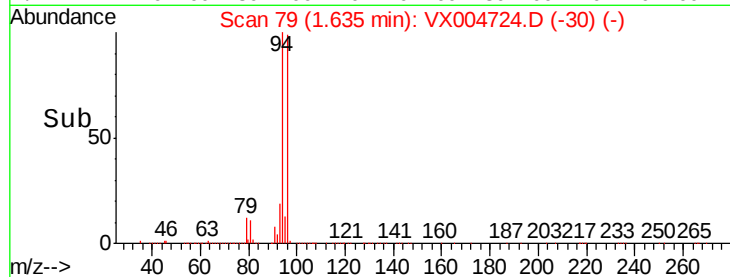
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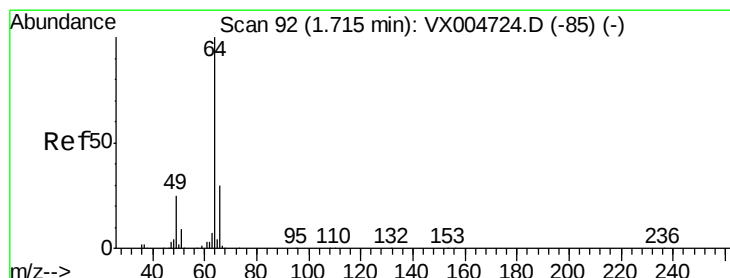
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0

Time-->



Time-->



#6

Chloroethane

Concen: 50.000 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004724.D

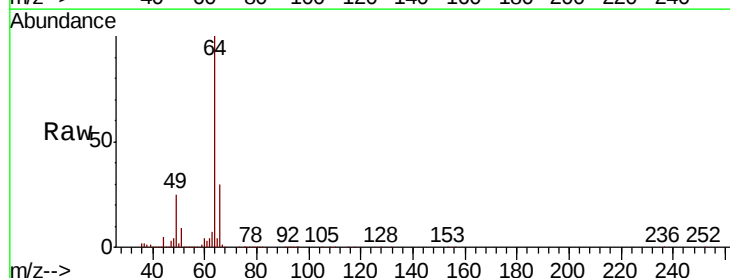
Acq: 26 Sep 2018 12:54

Tgt Ion: 64 Resp: 134885

Ion Ratio Lower Upper

64 100

66 29.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

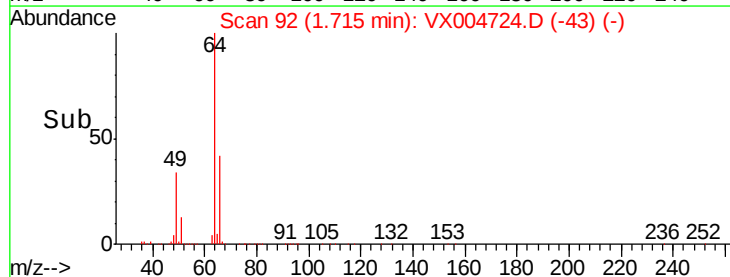
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Time-->





#7

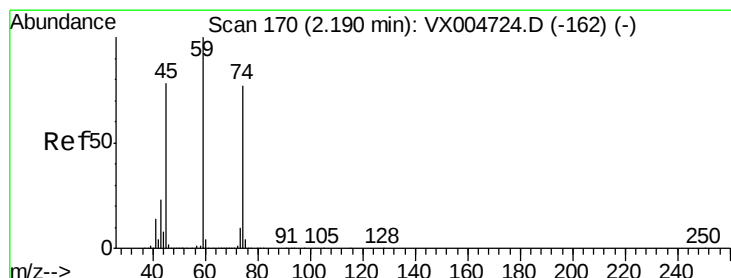
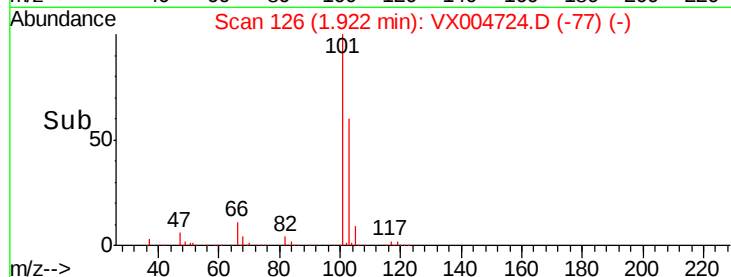
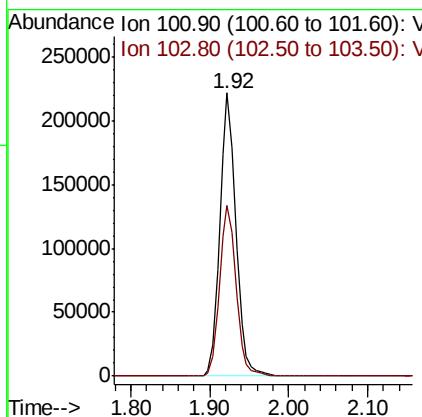
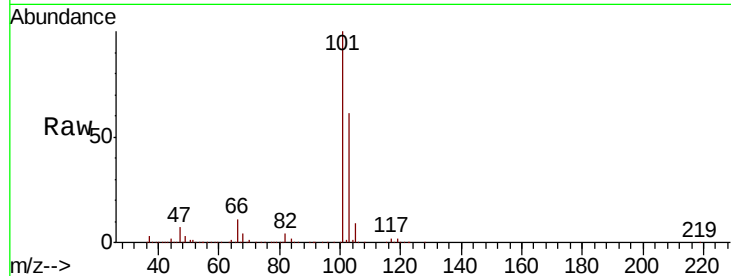
Trichlorofluoromethane  
Concen: 50.000 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 315681 |       |       |
| 103     | 60.5  | 48.9   | 73.3  |       |

Manual Integrations  
APPROVED

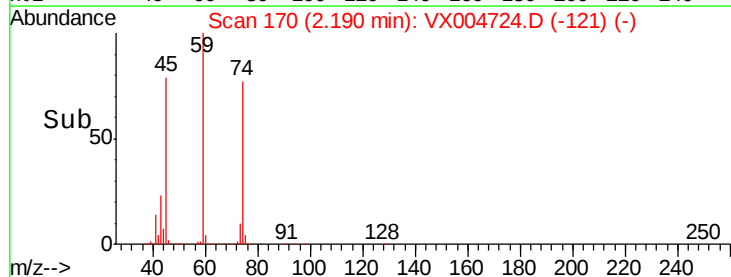
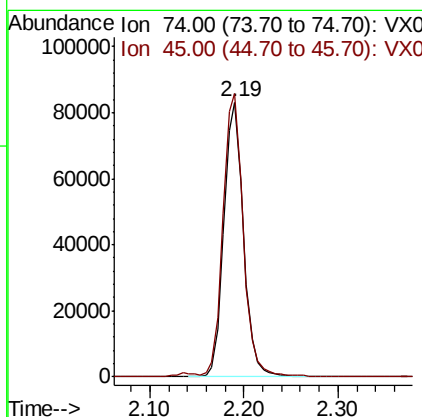
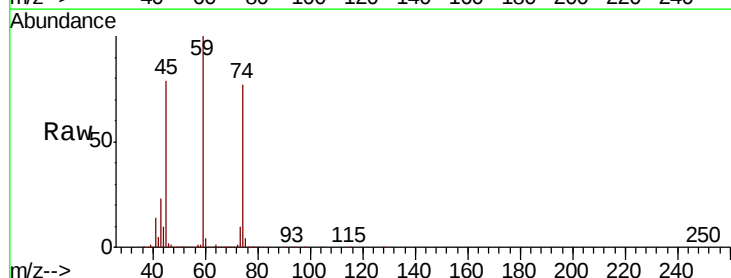
MMDadoda  
10/1/2018 1:30:59 PM

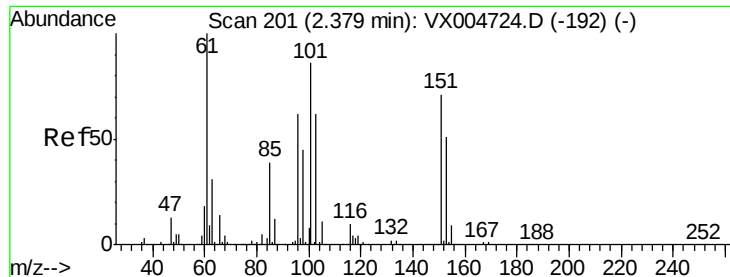


#8

Diethyl Ether  
Concen: 50.000 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 120185 |       |       |
| 45      | 105.1 | 48.3   | 144.8 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.000 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

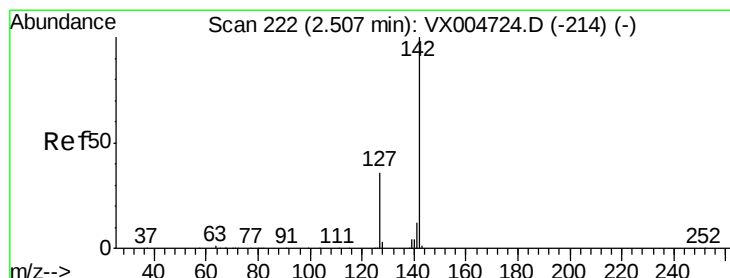
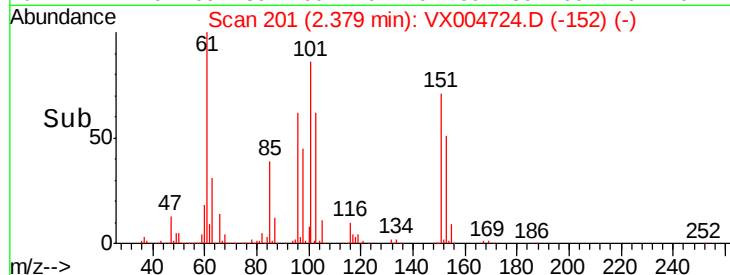
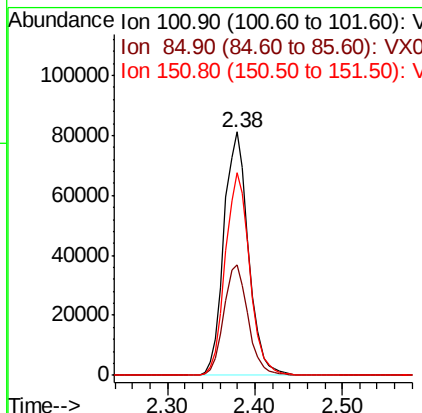
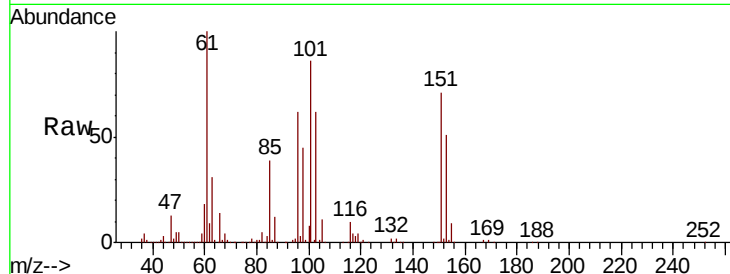
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 157343 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.9  | 34.2  | 51.4   |
| 151       | 83.3  | 65.0  | 97.6   |

Manual Integrations  
APPROVED

MMDadoda  
10/1/2018 1:30:59 PM



#10

Methyl Iodide

Concen: 50.000 ug/l

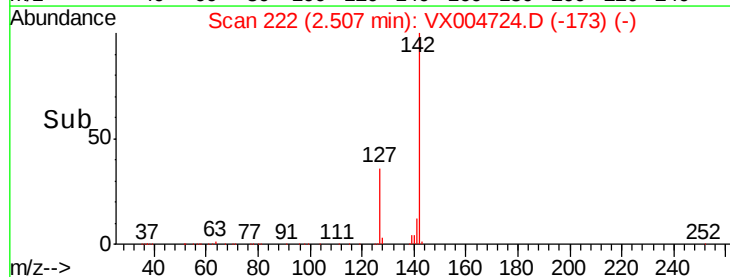
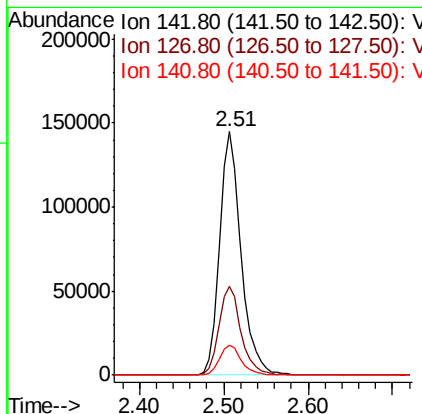
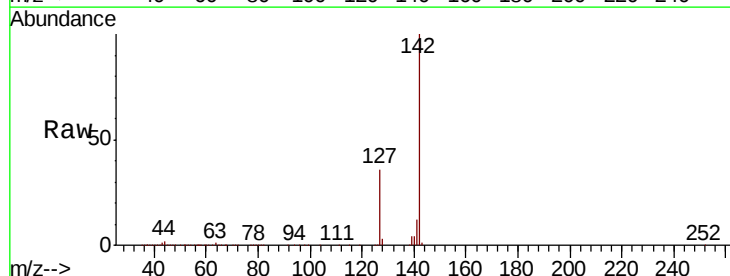
RT: 2.51 min Scan# 222

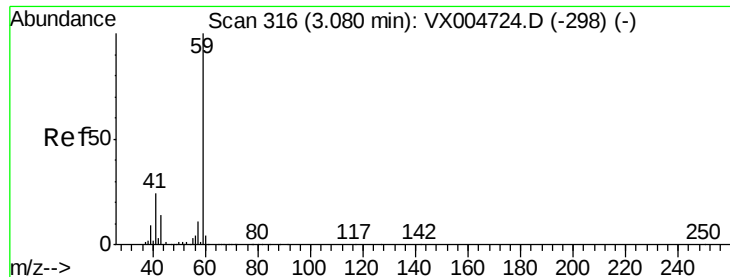
Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 254851 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 37.6  | 33.8  | 50.6   |
| 141       | 12.6  | 11.4  | 17.0   |





#11

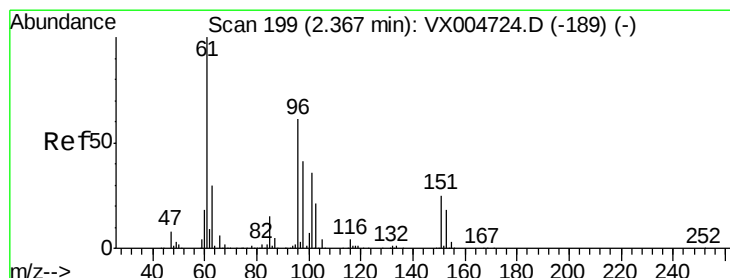
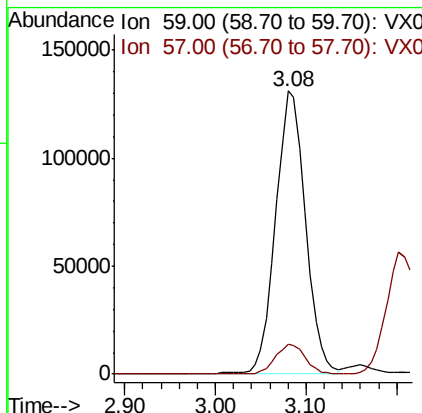
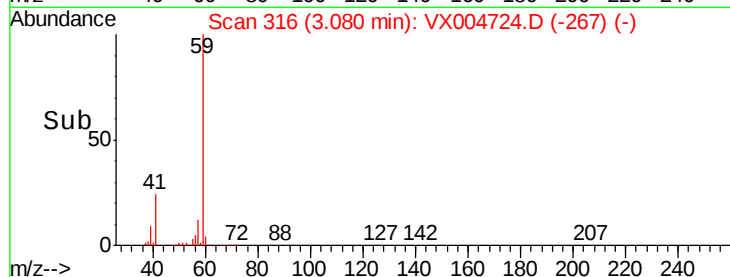
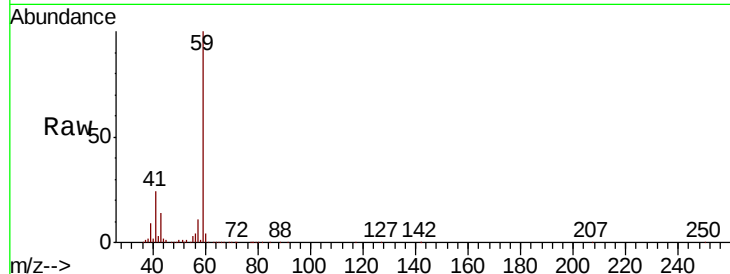
Tert butyl alcohol  
Concen: 250.000 ug/l  
RT: 3.08 min Scan# 316  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.7  | 8.2   | 12.4  |

Manual Integrations  
APPROVED

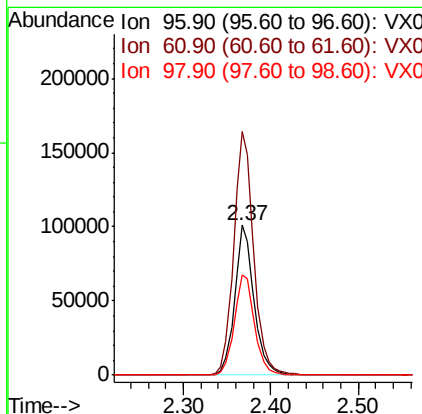
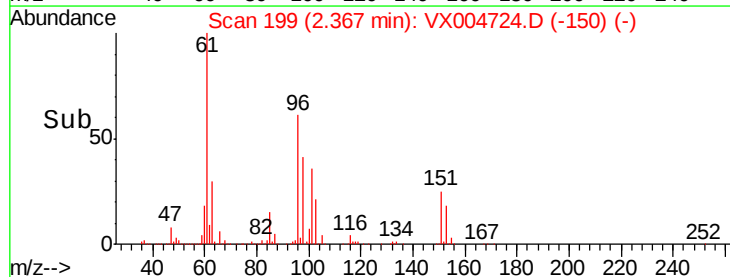
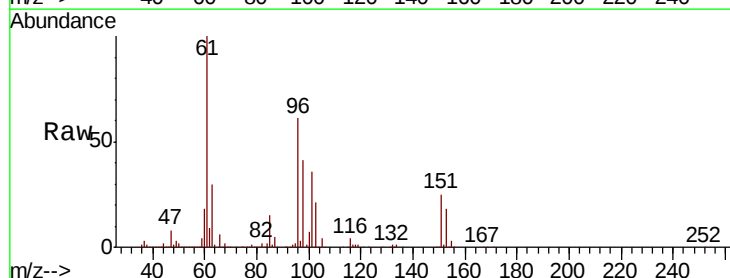
MMDadoda  
10/1/2018 1:30:59 PM



#12

1,1-Dichloroethene  
Concen: 50.000 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 162.8 | 128.8 | 193.2 |
| 98      | 66.7  | 52.2  | 78.2  |





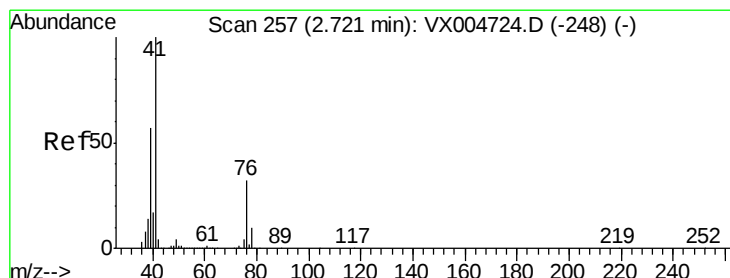
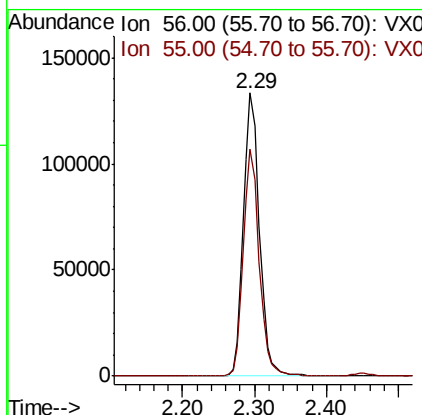
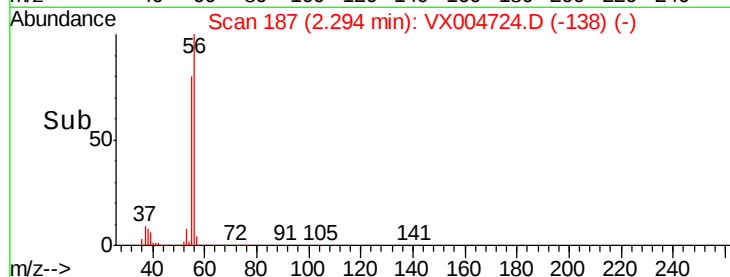
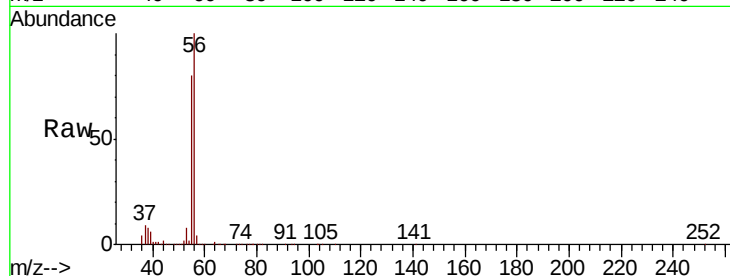
#13  
Acrolein  
Concen: 250.000 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 79.3  | 54.7  | 82.1  |

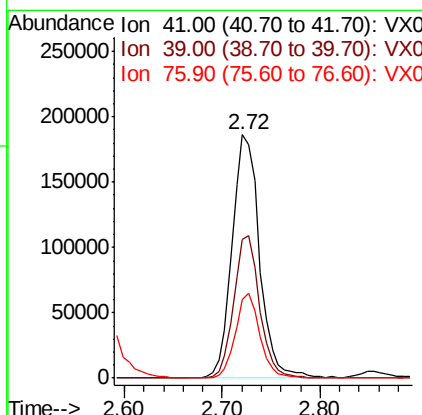
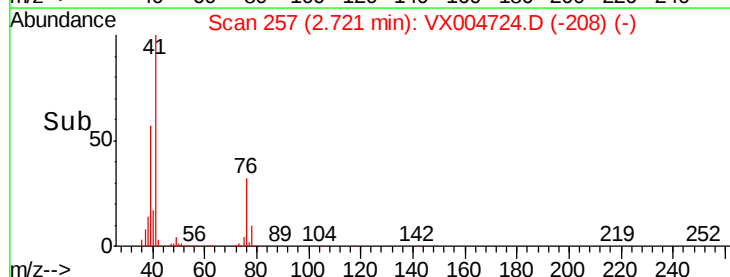
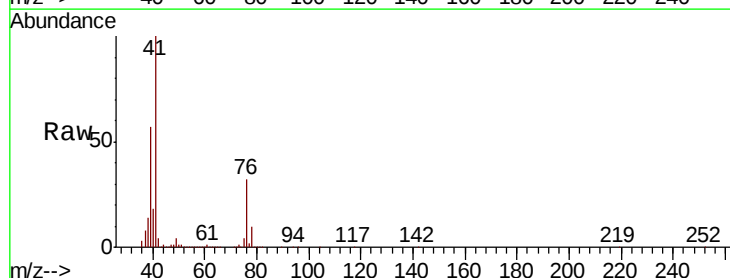
Manual Integrations  
APPROVED

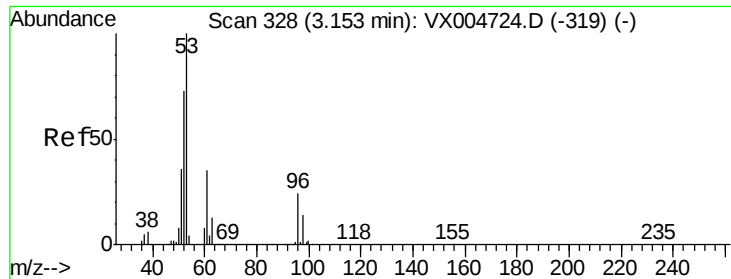
MMDadoda  
10/1/2018 1:30:59 PM



#14  
Allyl chloride  
Concen: 50.000 ug/l  
RT: 2.72 min Scan# 257  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 55.1  | 48.9  | 73.3  |
| 76      | 31.2  | 26.7  | 40.1  |





#15

Acrylonitrile

Concen: 250.000 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

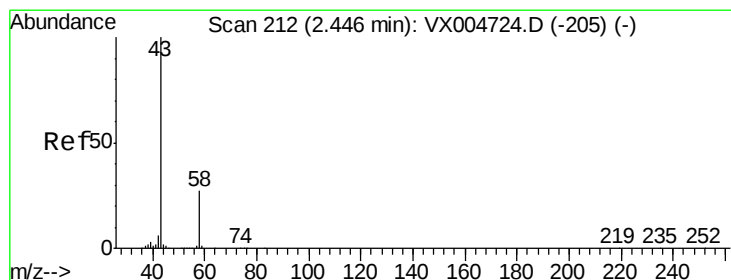
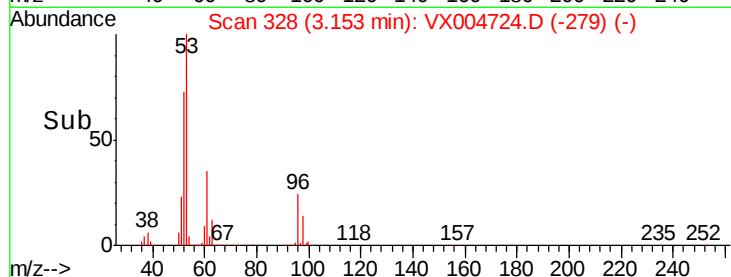
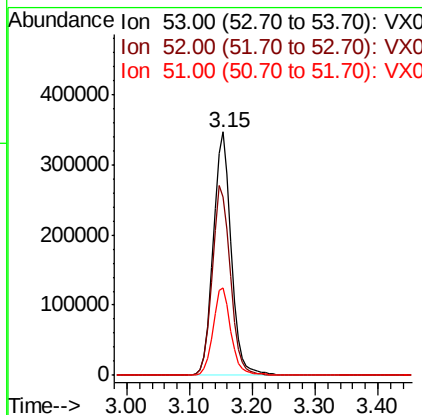
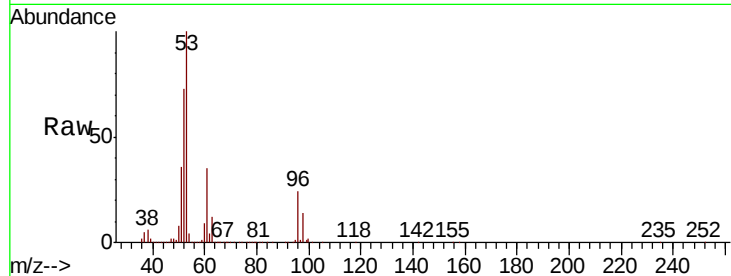
ClientSampled :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 683571 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 78.7  | 65.2  | 97.8   |
| 51        | 35.7  | 28.2  | 42.2   |

Manual Integrations  
APPROVED

MMDadoda  
10/1/2018 1:30:59 PM



#16

Acetone

Concen: 250.000 ug/l

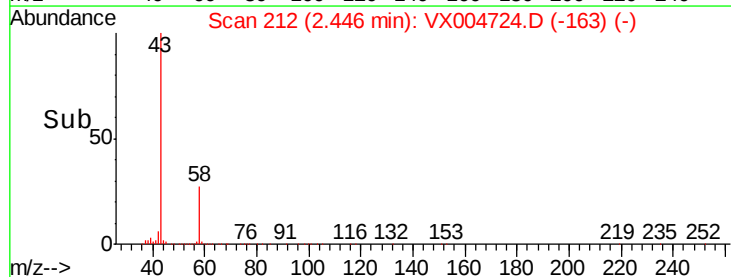
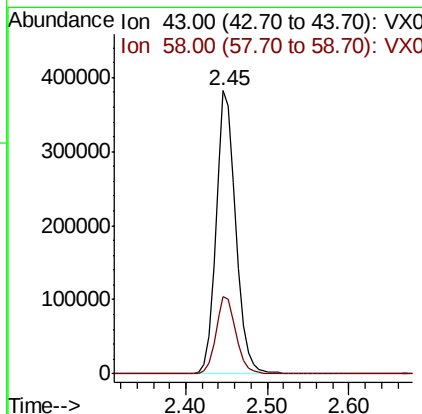
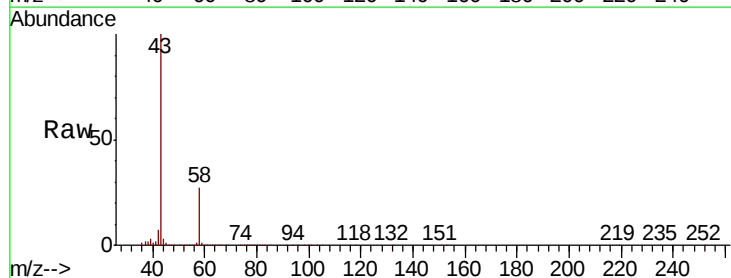
RT: 2.45 min Scan# 212

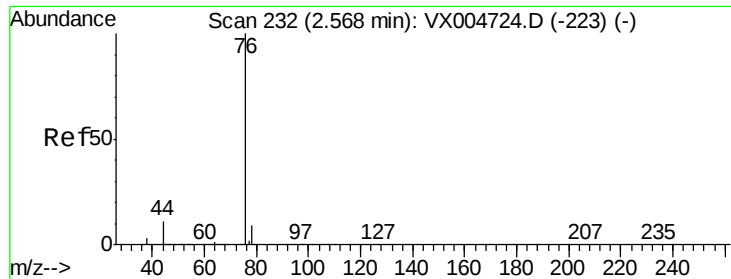
Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 644775 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 27.2  | 26.2  | 39.4   |





#17

Carbon Disulfide

Concen: 50.000 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 496799

Ion Ratio Lower Upper

76 100

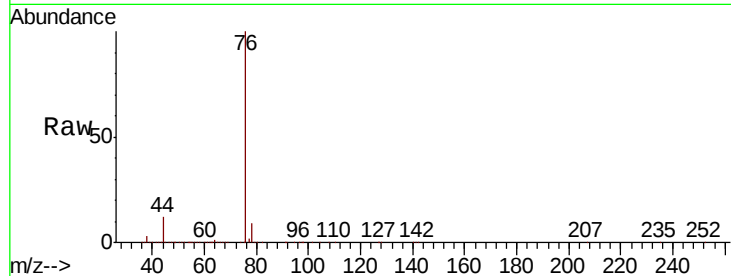
78 8.8 7.0 10.6

Manual Integrations

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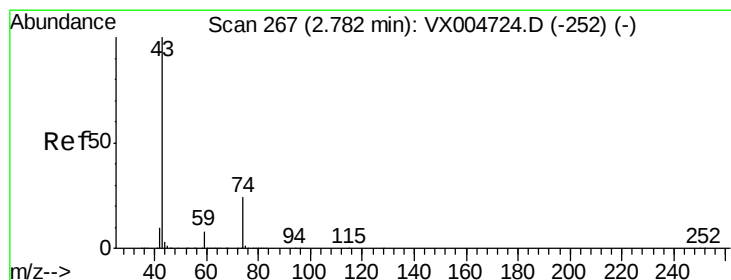
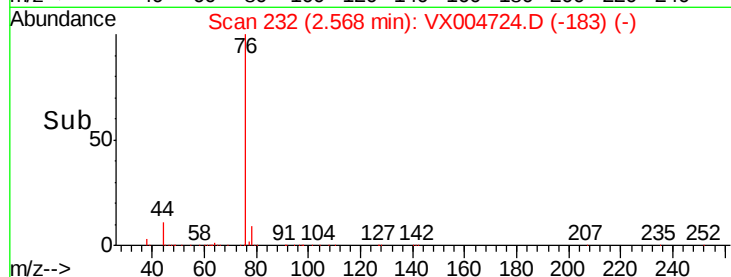
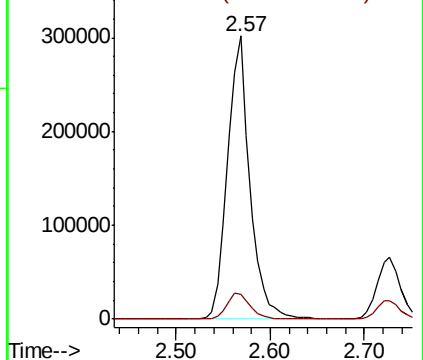
MMDadoda

10/1/2018 1:30:59 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.000 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004724.D

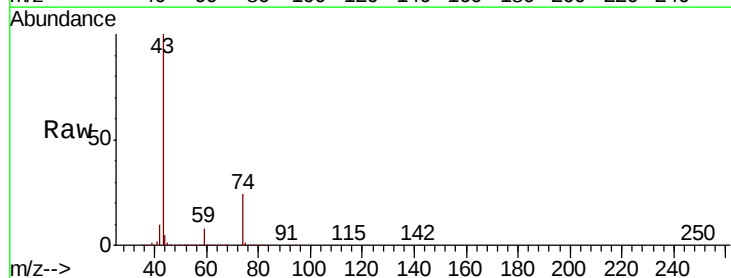
Acq: 26 Sep 2018 12:54

Tgt Ion: 43 Resp: 313995

Ion Ratio Lower Upper

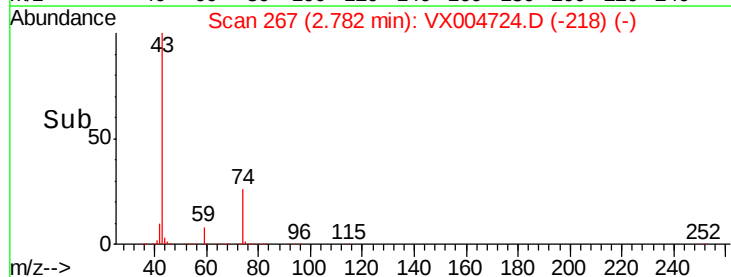
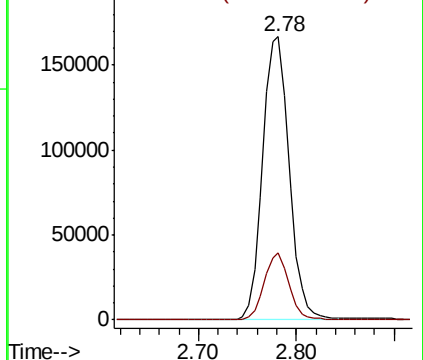
43 100

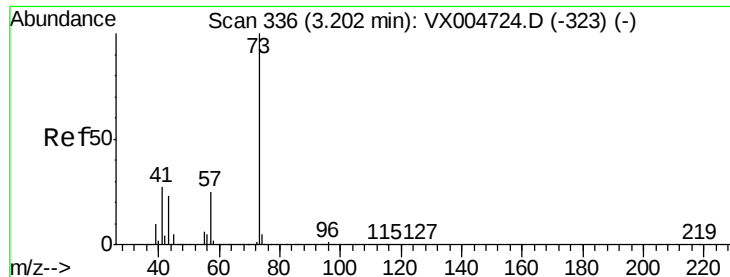
74 22.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





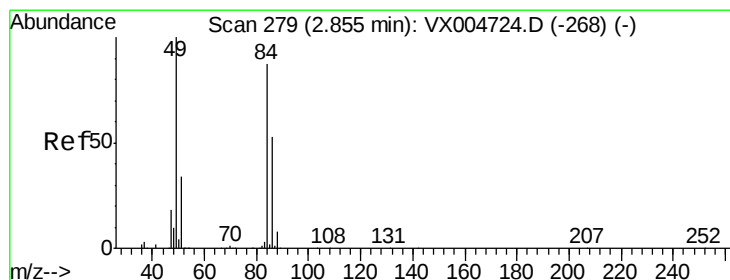
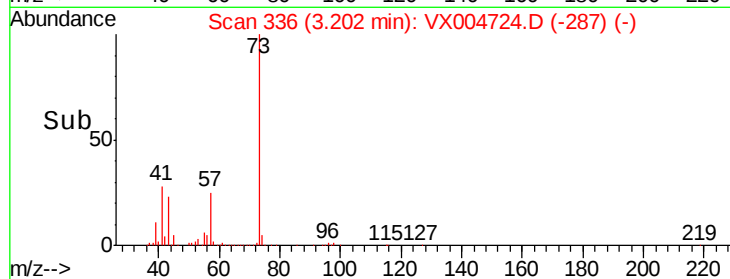
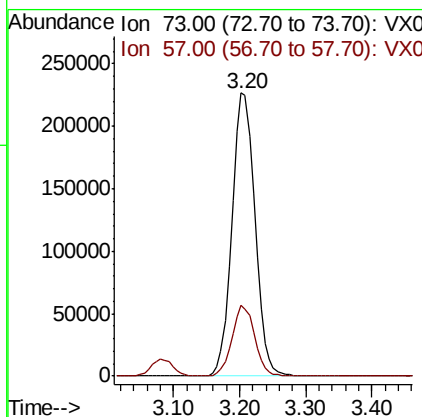
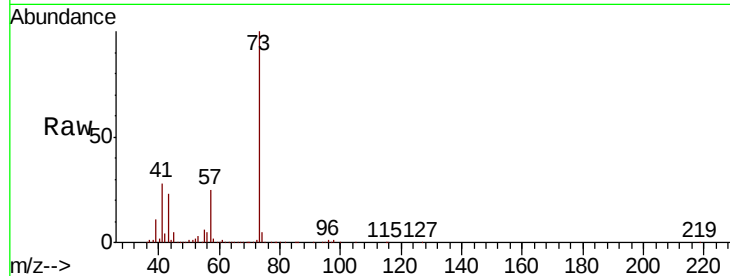
#19  
Methvl tert-butvl Ether  
Concen: 50.000 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 73      | 73  | 100   |       |       |
| 57      | 57  | 24.9  | 17.1  | 25.7  |

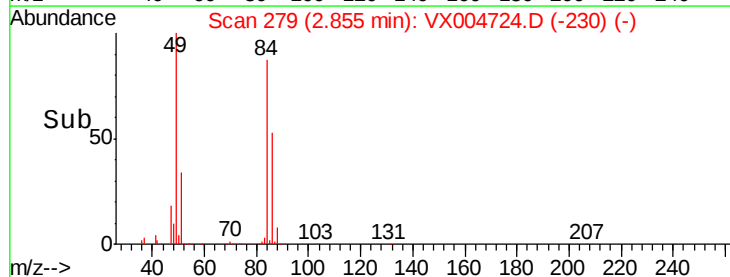
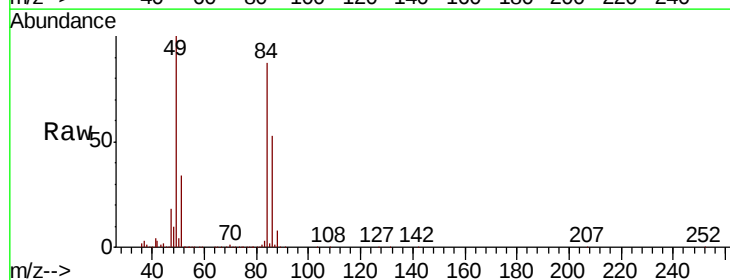
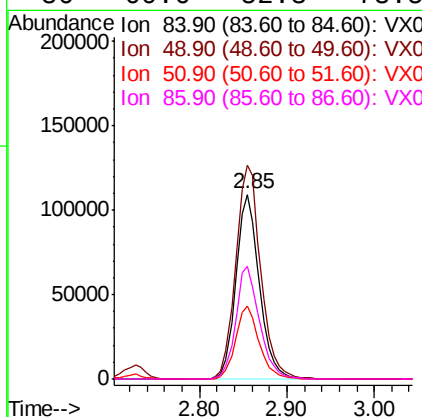
Manual Integrations  
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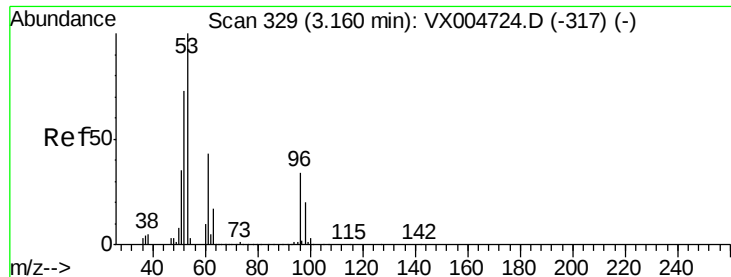
MMDadoda  
10/1/2018 1:30:59 PM



#20  
Methylene Chloride  
Concen: 50.000 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 84      | 84  | 100   |       |       |
| 49      | 49  | 115.4 | 101.2 | 151.8 |
| 51      | 51  | 39.7  | 29.5  | 44.3  |
| 86      | 86  | 60.6  | 52.3  | 78.5  |





#21

trans-1,2-Dichloroethene

Concen: 50.000 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 183113

Ion Ratio Lower Upper

96 100

61 126.3 113.8 170.6

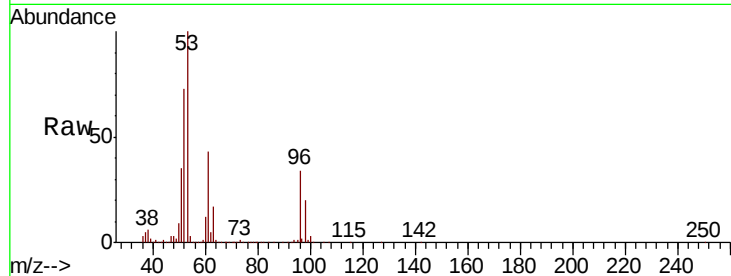
98 59.0 51.8 77.8

Manual Integrations

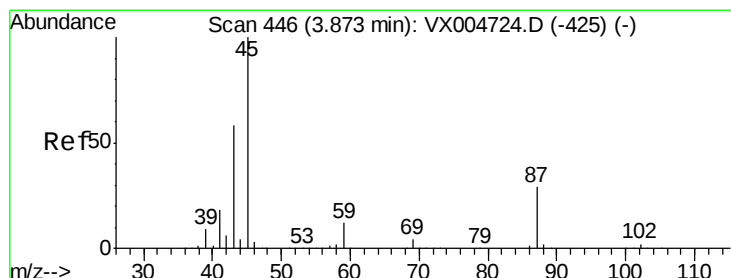
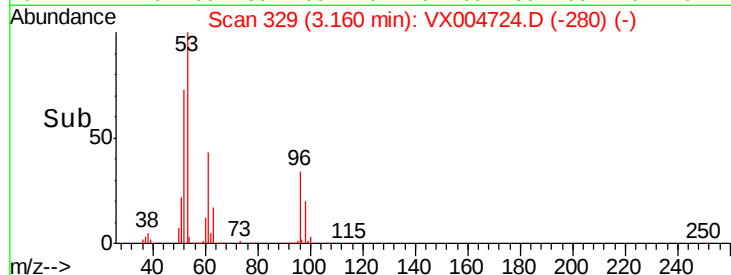
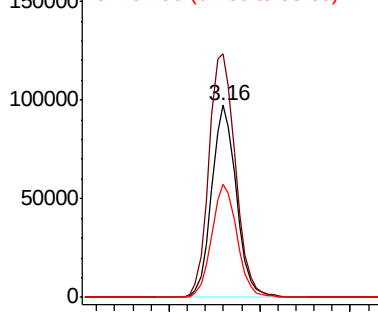
APPROVED

MMDadoda

10/1/2018 1:30:59 PM



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



#22

Diisopropyl ether

Concen: 50.000 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Tgt Ion: 45 Resp: 611098

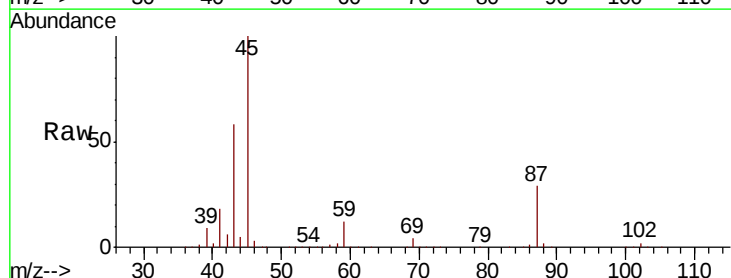
Ion Ratio Lower Upper

45 100

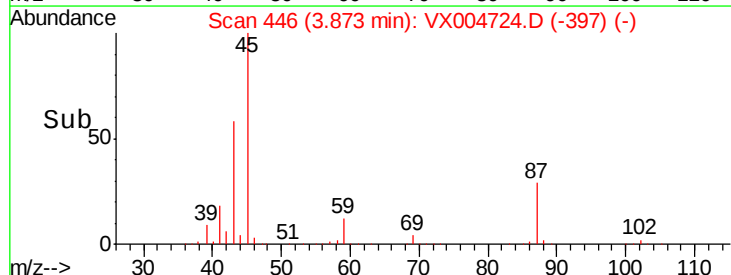
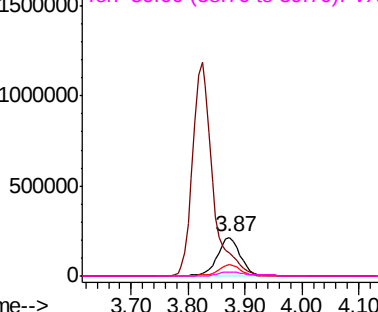
43 58.4 42.8 64.2

87 28.6 22.6 34.0

59 11.6 9.6 14.4



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





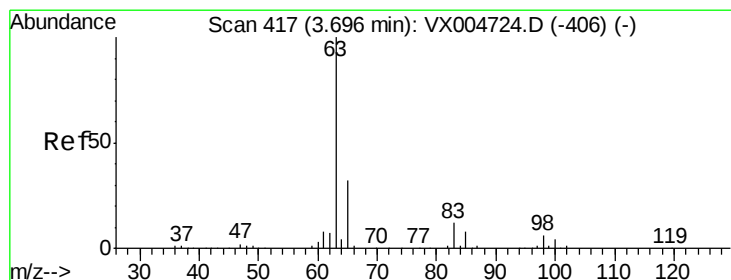
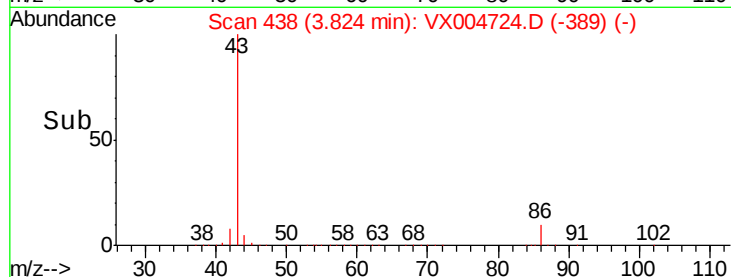
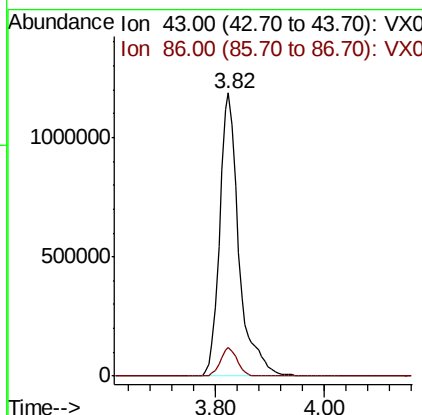
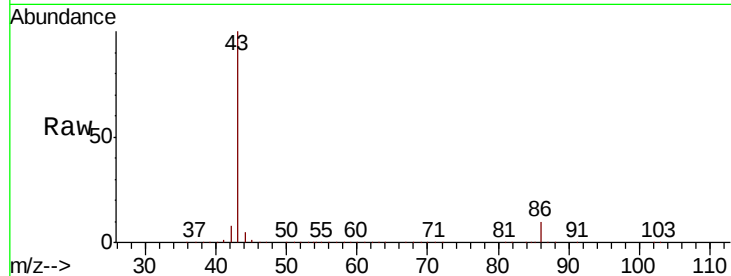
#23  
 Vinyl Acetate  
 Concen: 250.000 ug/l  
 RT: 3.82 min Scan# 438  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDICCC050

Tot Ion: 43 Resp: 2898961  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.9 13.3

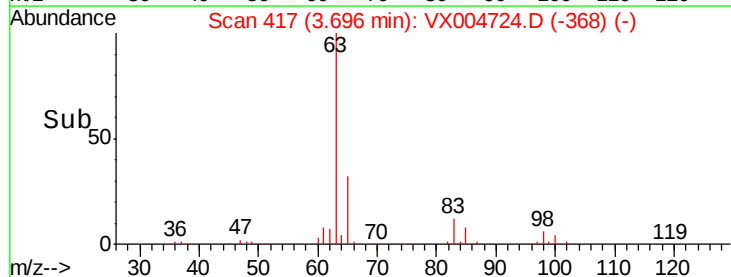
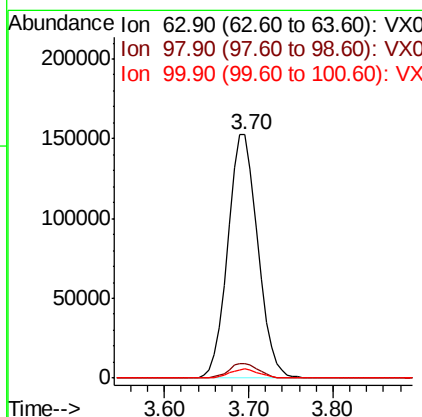
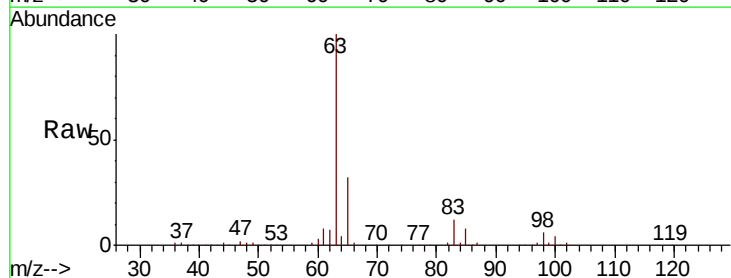
Manual Integrations  
 APPROVED

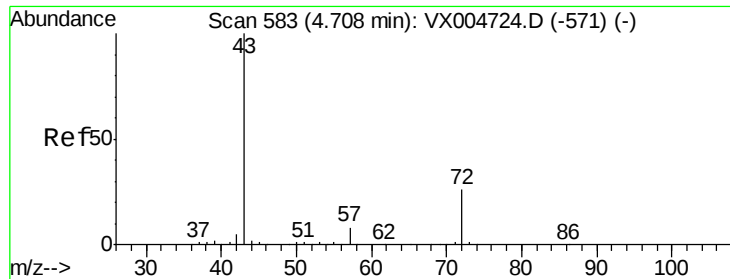
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 50.000 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Tgt Ion: 63 Resp: 368219  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.5 10.4  
 100 3.9 2.4 7.1





#25

2-Butanone

Concen: 250.000 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 937380

Ion Ratio Lower Upper

43 100

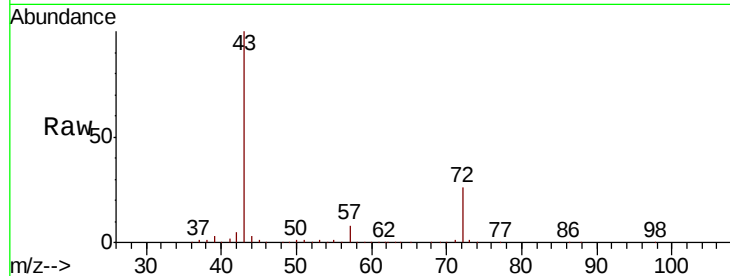
72 26.0 22.0 33.0

Manual Integrations

APPROVED

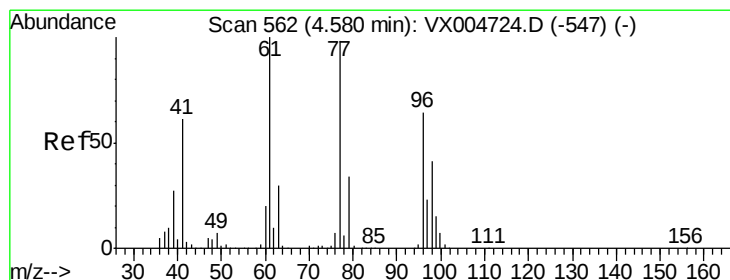
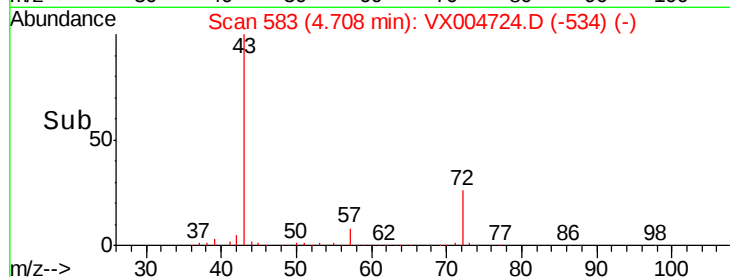
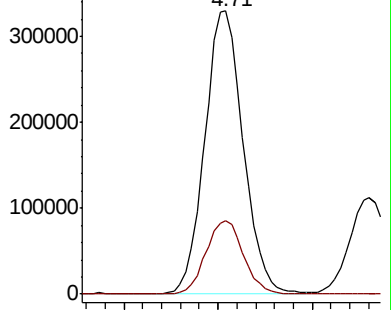
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.000 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004724.D

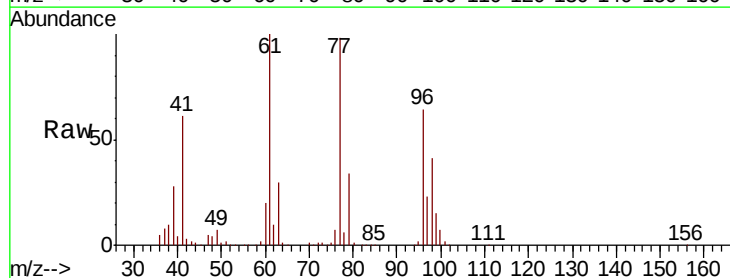
Acq: 26 Sep 2018 12:54

Tgt Ion: 77 Resp: 244634

Ion Ratio Lower Upper

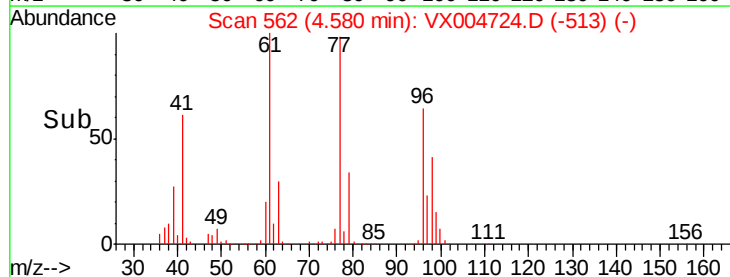
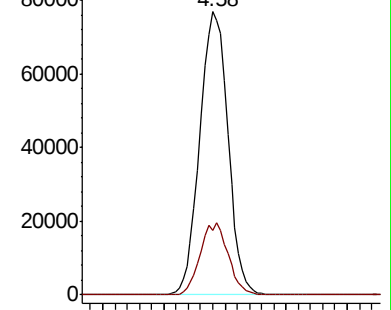
77 100

97 25.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

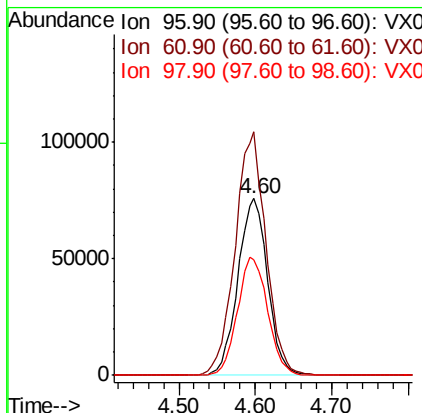
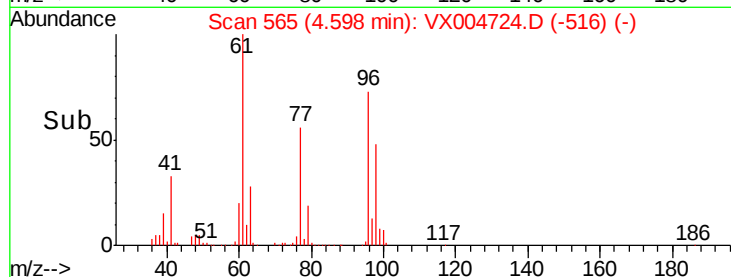
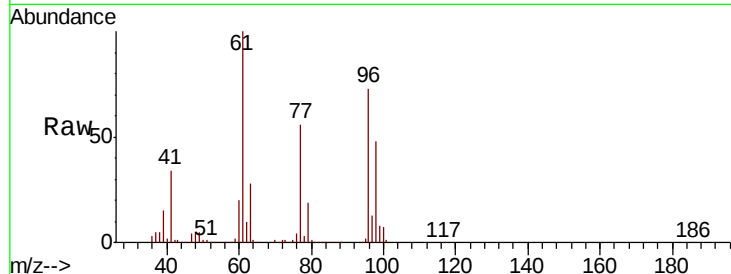
cis-1,2-Dichloroethene  
Concen: 50.000 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 142.9 | 0.0  | 282.6 |       |
| 98      | 68.1  | 0.0  | 130.2 |       |

Manual Integrations  
APPROVED

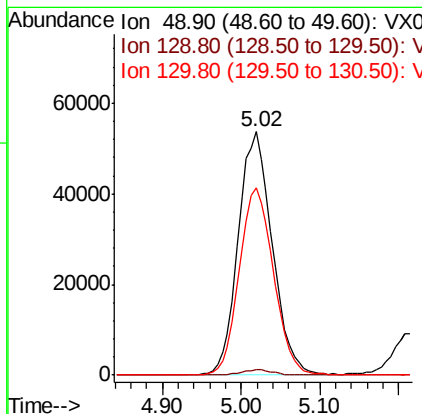
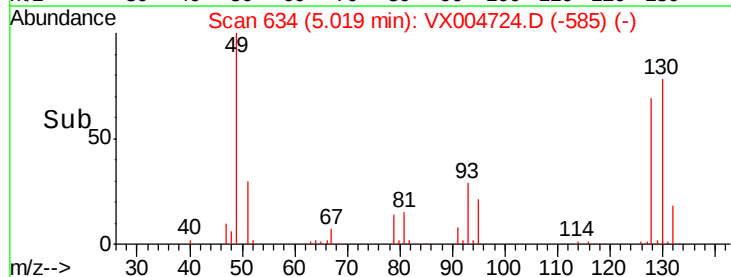
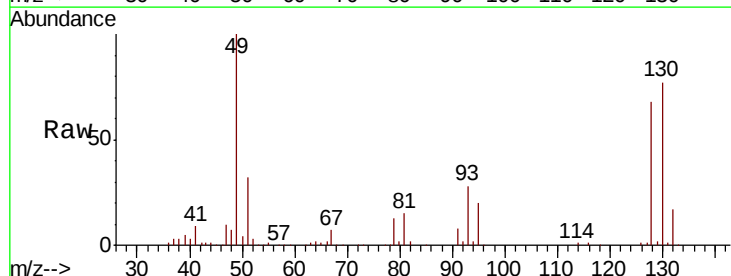
MMDadoda  
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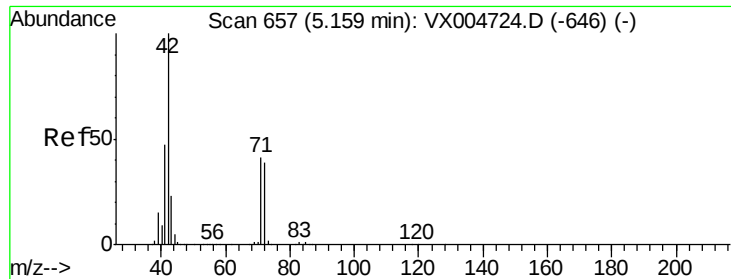


#28

Bromochloromethane  
Concen: 50.000 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.1   | 0.0  | 4.2   |       |
| 130     | 77.5  | 67.5 | 101.3 |       |





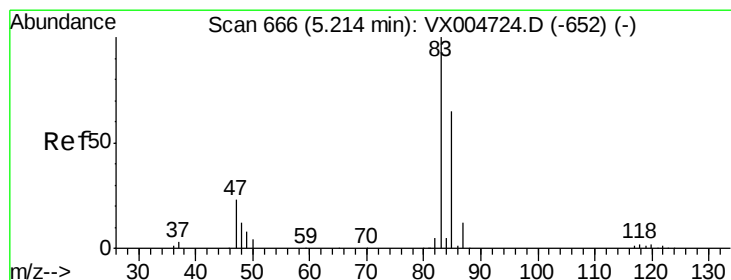
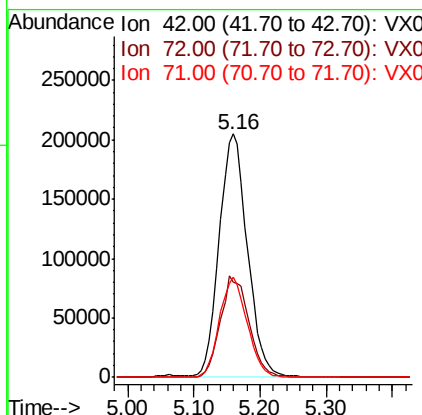
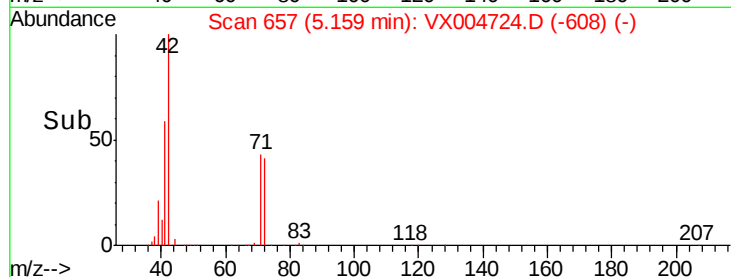
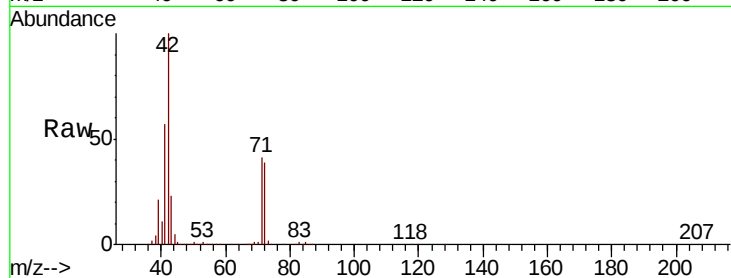
#29  
Tetrahydrofuran  
Concen: 250.000 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.1  | 37.4  | 56.0  |
| 71      | 40.3  | 34.5  | 51.7  |

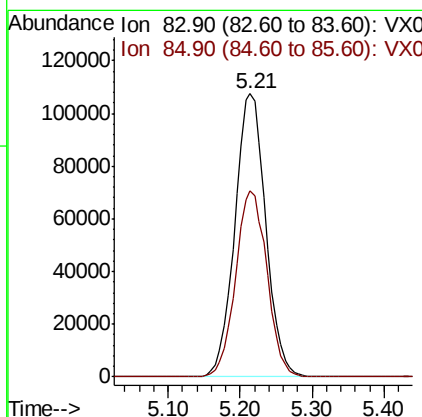
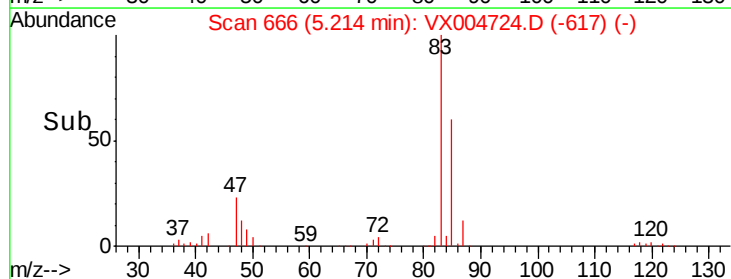
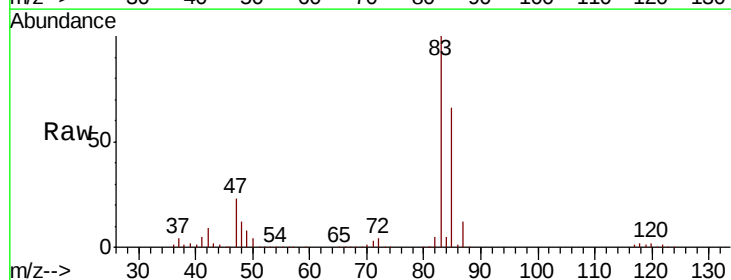
Manual Integrations  
APPROVED

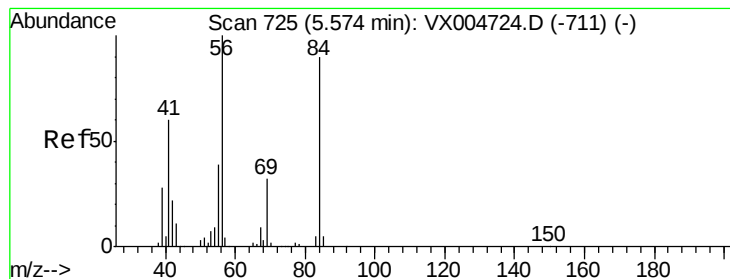
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#30  
Chloroform  
Concen: 50.000 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 52.6  | 79.0  |





#31

Cyclohexane

Concen: 50.000 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

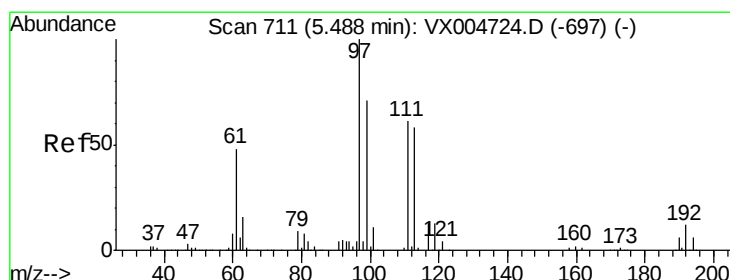
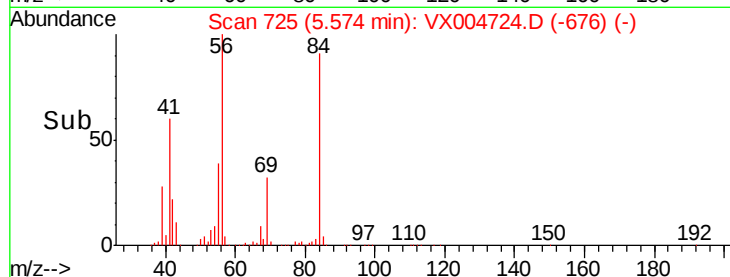
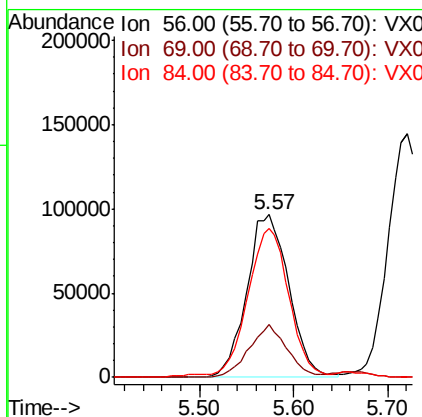
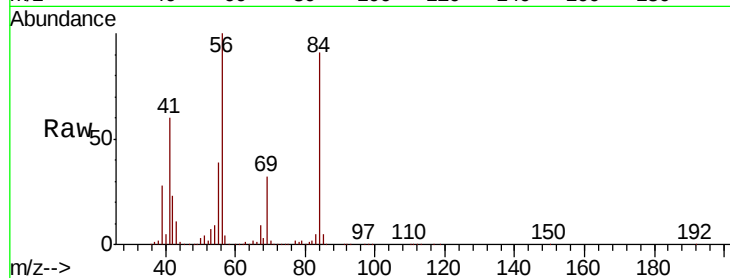
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 301691 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 32.4  | 25.4  | 38.2   |
| 84       | 89.9  | 71.4  | 107.2  |

Manual Integrations  
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#32

1,1,1-Trichloroethane

Concen: 50.000 ug/l

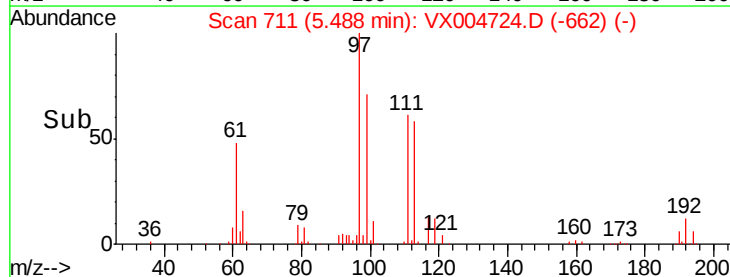
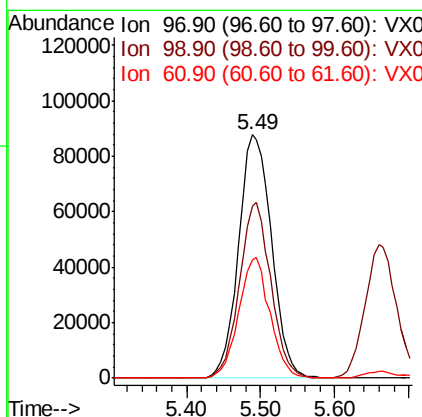
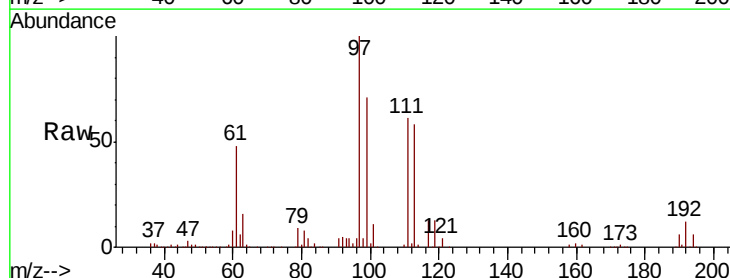
RT: 5.49 min Scan# 711

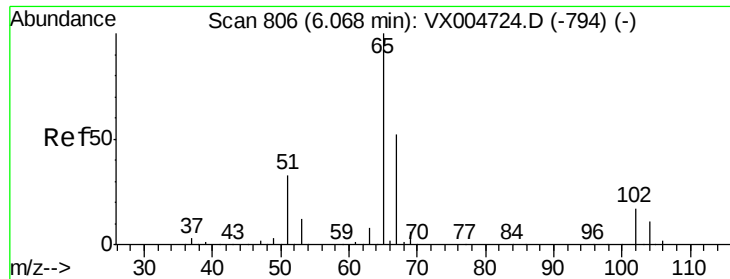
Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 273668 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 68.3  | 52.0  | 78.0   |
| 61       | 46.9  | 34.9  | 52.3   |





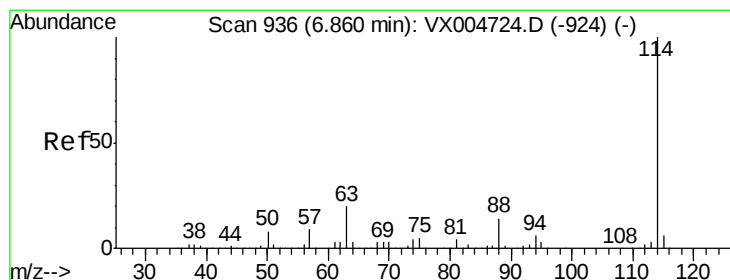
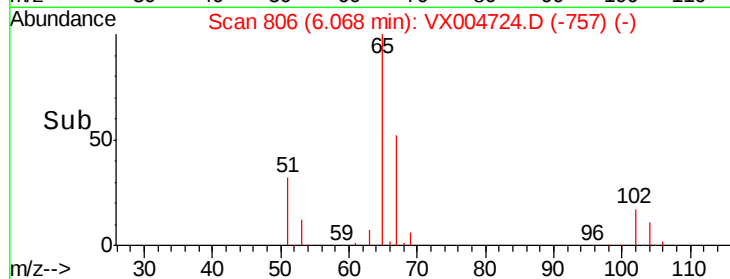
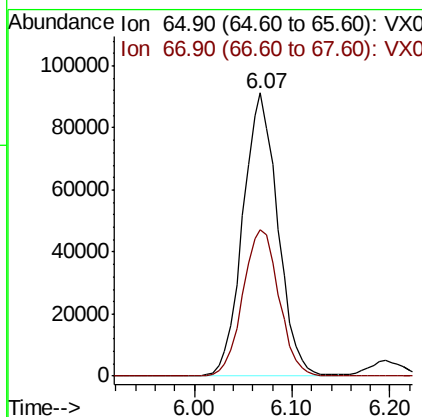
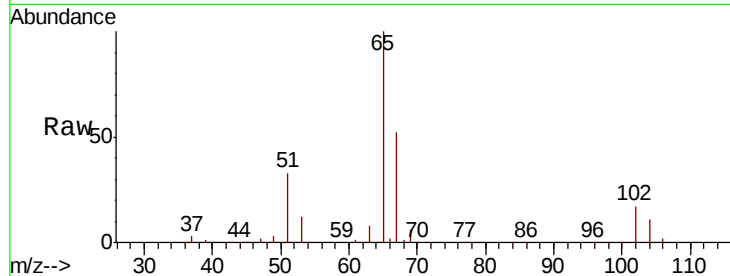
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.000 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 226631 |       |       |
| 67      | 53.7  | 0.0    | 106.8 |       |

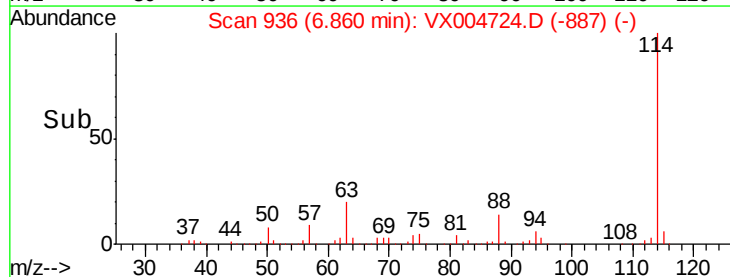
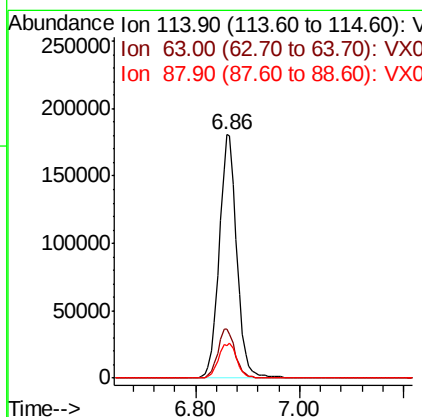
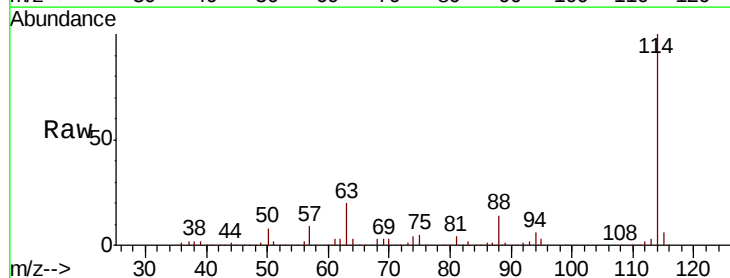
Manual Integrations  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 431300 |       |       |
| 63      | 19.9  | 0.0    | 39.0  |       |
| 88      | 13.5  | 0.0    | 30.4  |       |





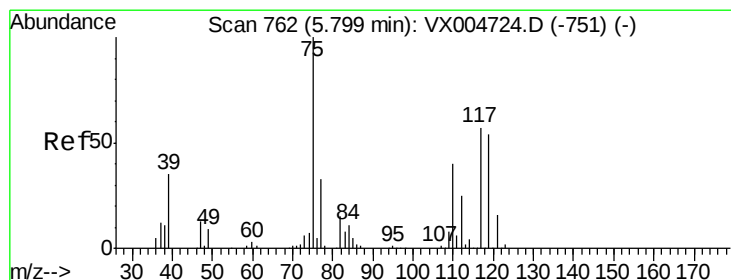
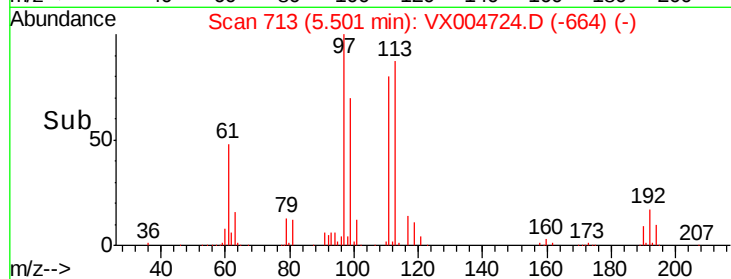
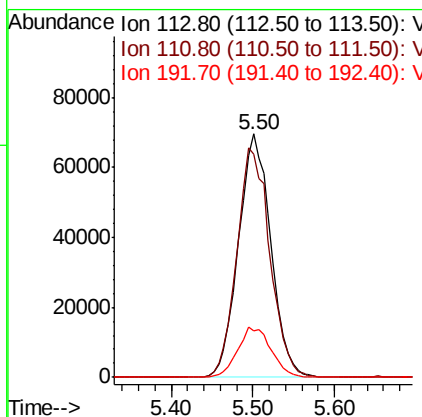
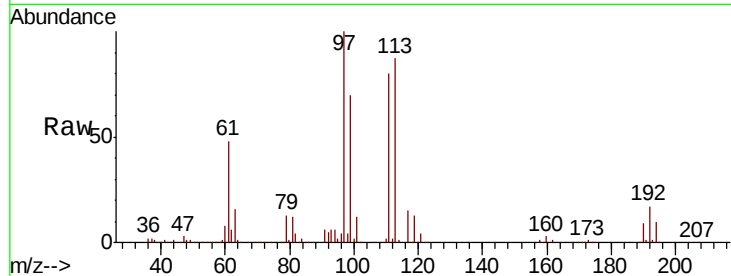
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 191486 |       |       |
| 111     | 96.2  | 82.4   | 123.6 |       |
| 192     | 21.3  | 19.4   | 29.2  |       |

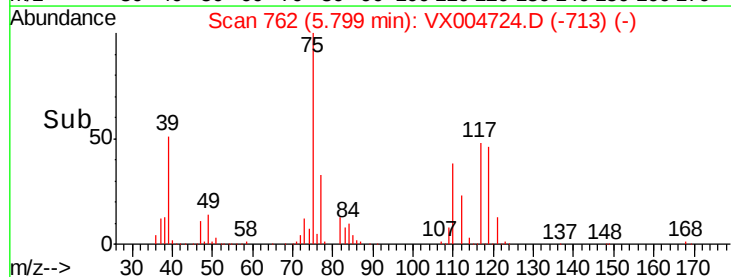
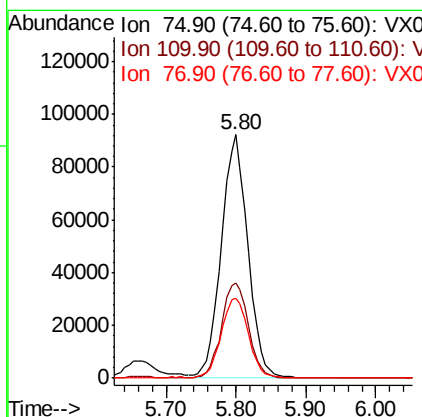
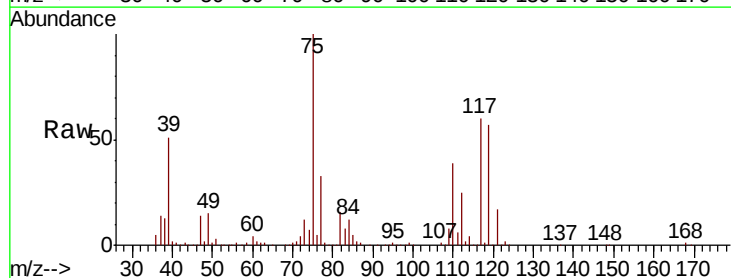
Manual Integrations  
 APPROVED

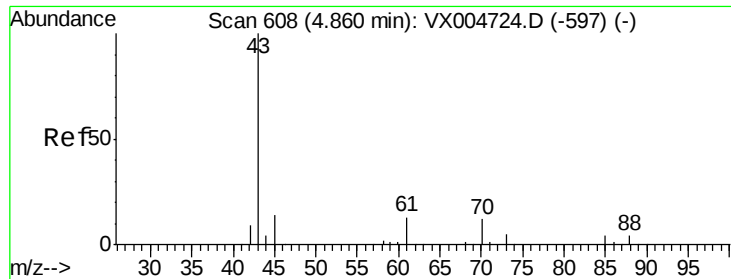
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 50.000 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 242970 |       |       |
| 110     | 39.9  | 18.0   | 54.0  |       |
| 77      | 33.9  | 24.6   | 36.8  |       |





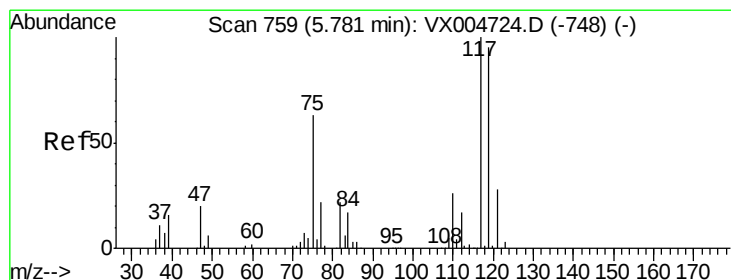
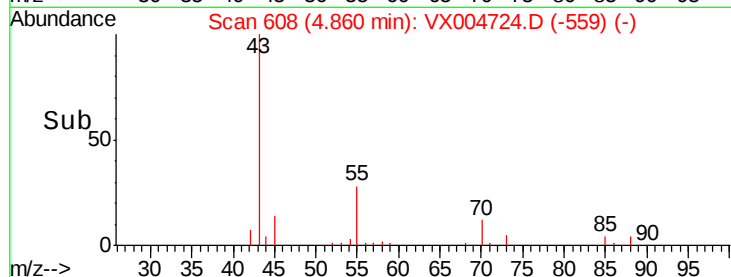
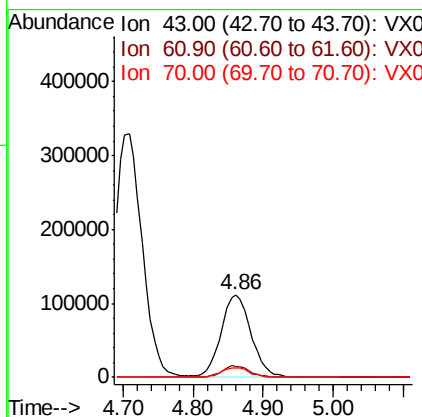
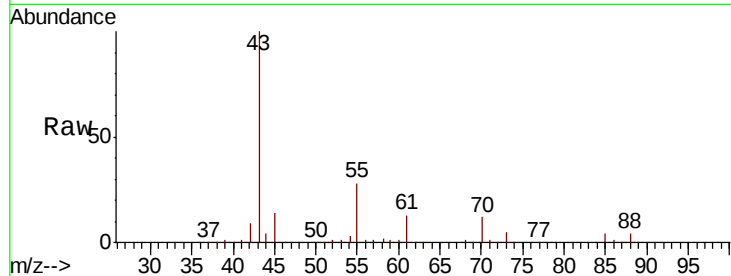
#37  
Ethyl Acetate  
Concen: 50.000 ug/l  
RT: 4.86 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.0  | 11.5  | 17.3  |
| 70      | 10.9  | 9.0   | 13.6  |

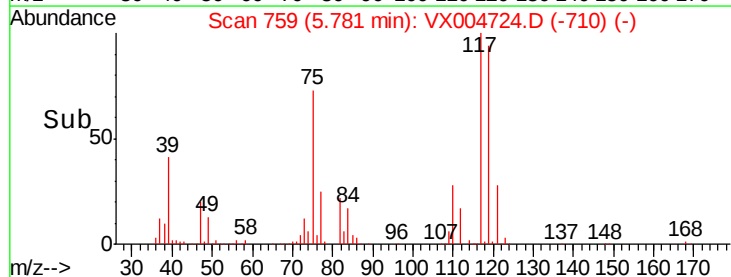
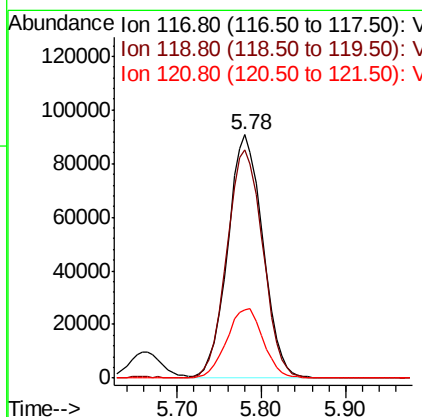
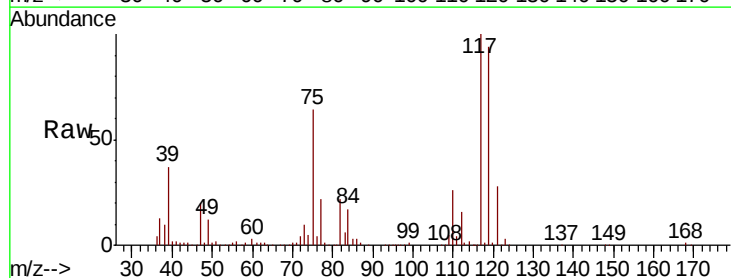
Manual Integrations  
APPROVED

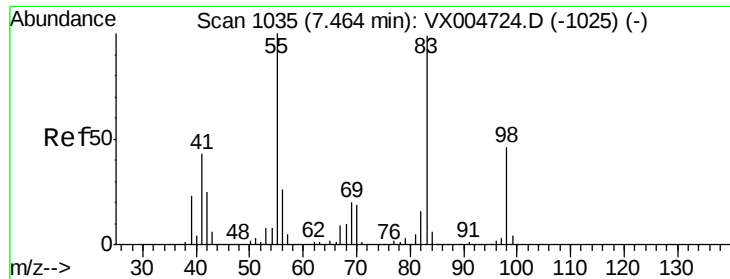
MMDadoda  
10/1/2018 1:30:59 PM



#38  
Carbon Tetrachloride  
Concen: 50.000 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.0  | 78.8  | 118.2 |
| 121     | 28.1  | 24.9  | 37.3  |





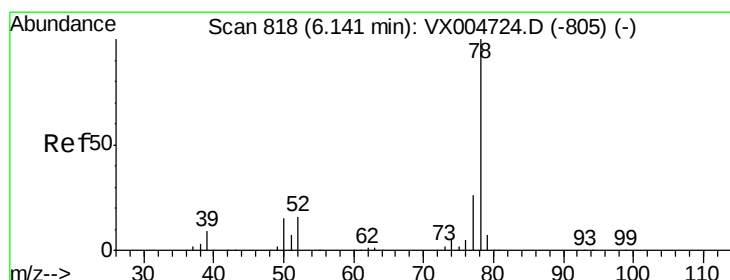
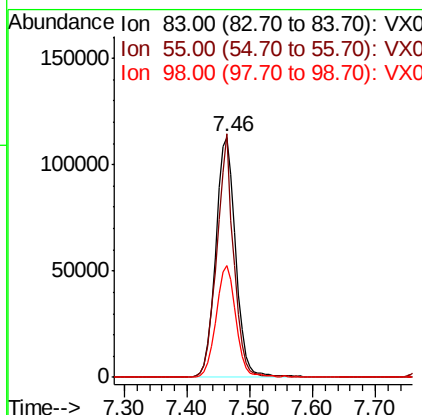
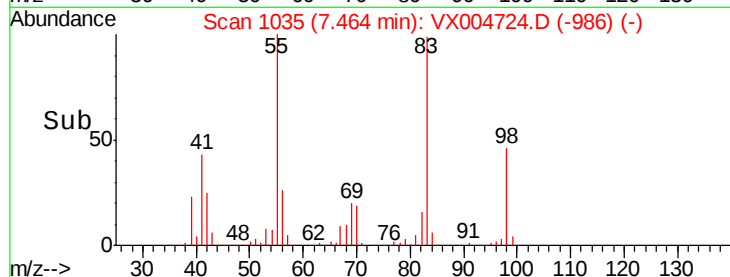
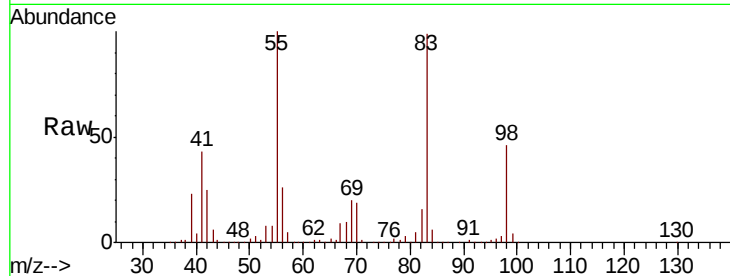
#39  
Methvlcvclohexane  
Concen: 50.000 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 101.4 | 61.0  | 91.4# |
| 98      | 46.6  | 39.6  | 59.4  |

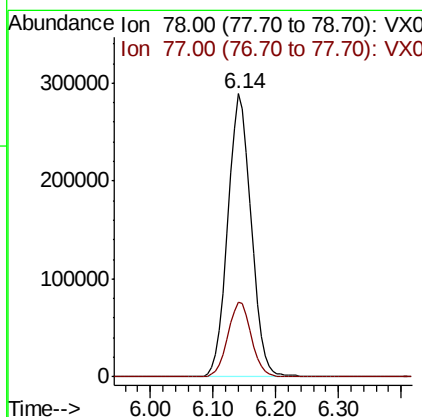
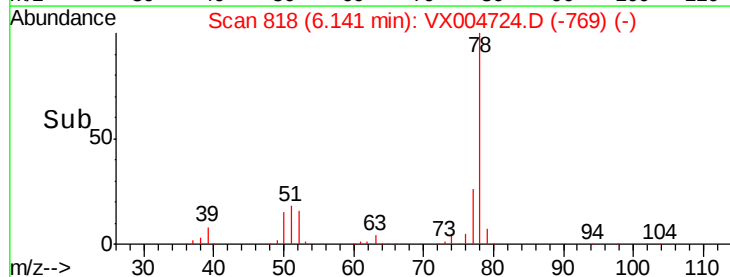
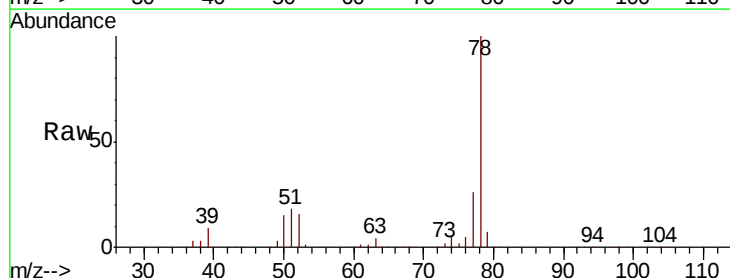
Manual Integrations  
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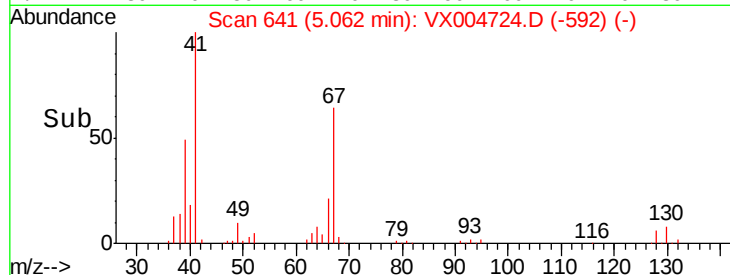
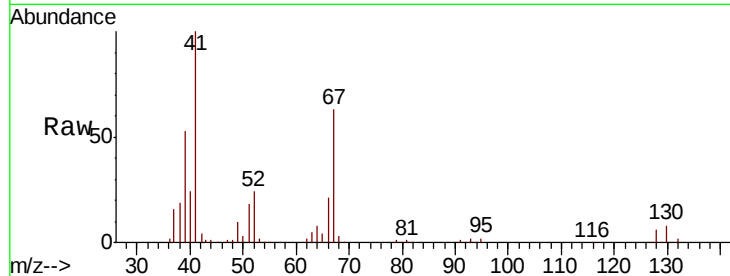
MMDadoda  
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#40  
Benzene  
Concen: 50.000 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 26.2  | 19.0  | 28.4  |





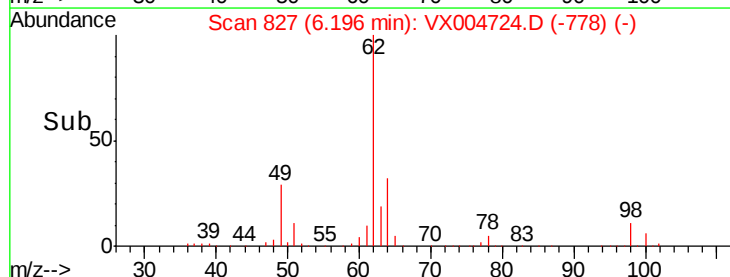
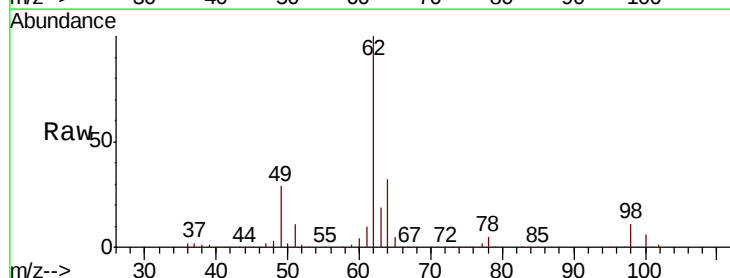
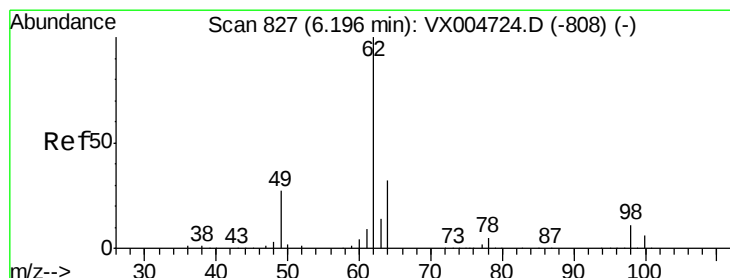
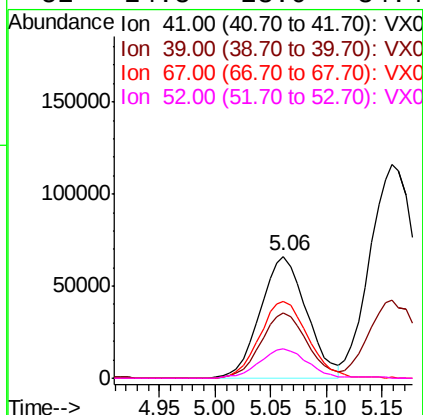
#41  
Methacrylonitrile  
Concen: 50.000 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 191236 |       |       |
| 39      | 53.1 | 42.4  | 63.6   |       |       |
| 67      | 66.3 | 59.2  | 88.8   |       |       |
| 52      | 24.8 | 23.0  | 34.4   |       |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

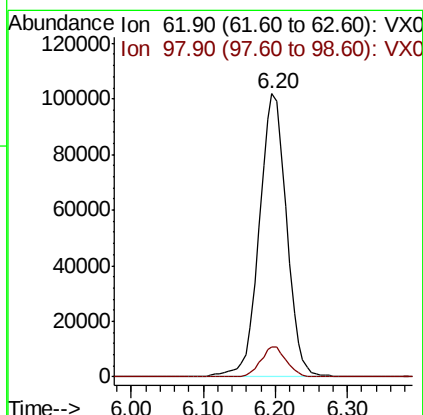
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#42  
1,2-Dichloroethane  
Concen: 50.000 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 268551 |       |       |
| 98      | 10.1 | 0.0   | 20.6   |       |       |





#43

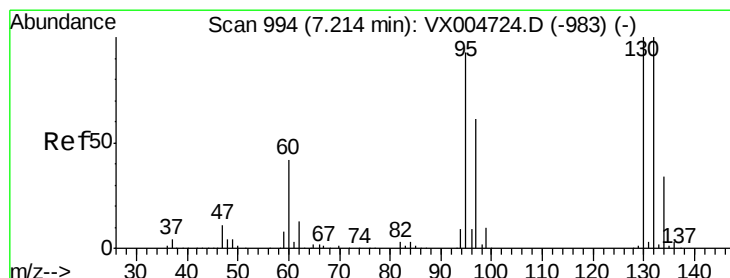
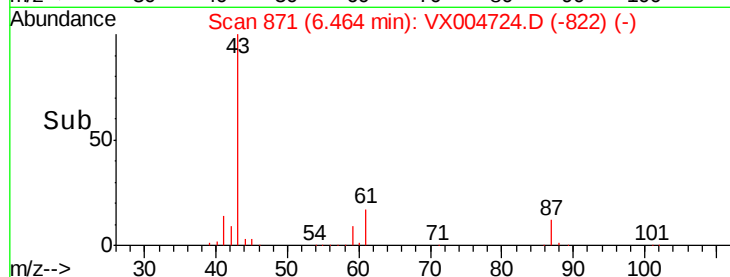
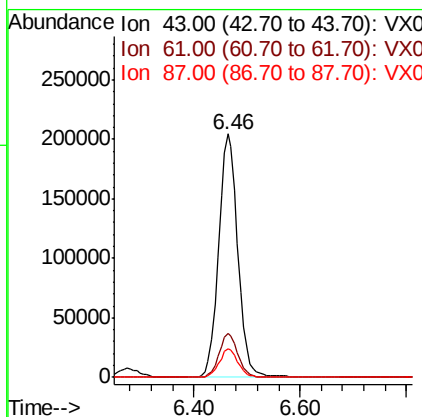
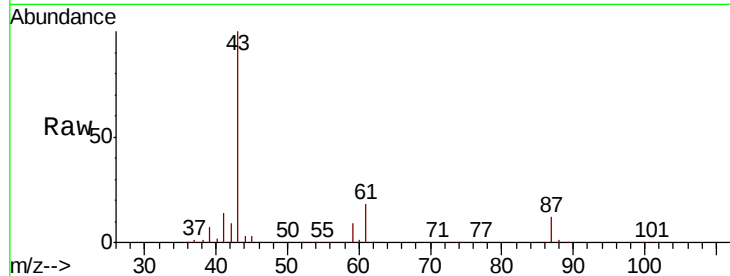
Isopropyl Acetate  
 Concen: 50.000 ug/l  
 RT: 6.46 min Scan# 871  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDICCC050

| Tot Ion | 43     | 61   | 87   |
|---------|--------|------|------|
| Resp    | 511380 |      |      |
| Ratio   | 100    | 17.8 | 11.6 |
| Lower   |        | 17.0 | 11.4 |
| Upper   |        | 25.4 | 17.2 |

Manual Integrations  
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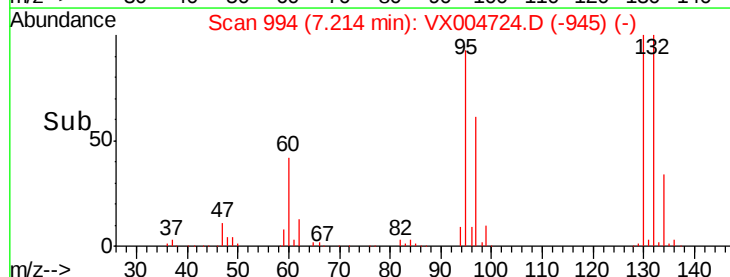
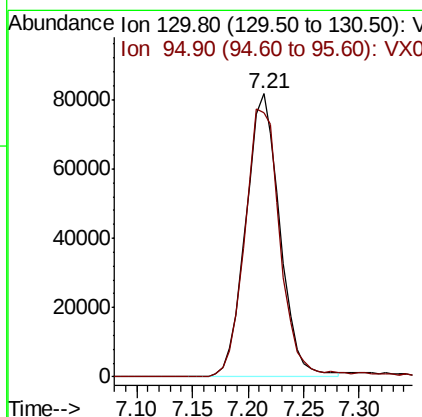
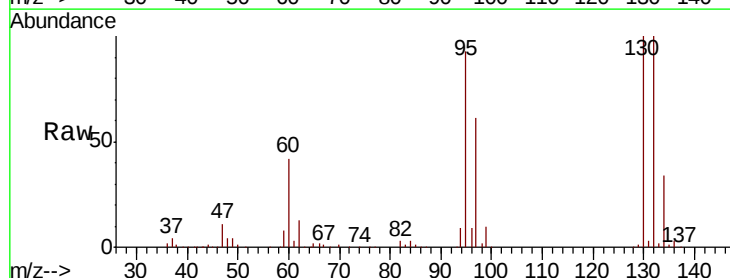
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#44

Trichloroethene  
 Concen: 50.000 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | 130    | 95    |
|---------|--------|-------|
| Resp    | 174333 |       |
| Ratio   | 100    | 93.4  |
| Lower   |        | 0.0   |
| Upper   |        | 181.6 |





#45

1,2-Dichloropropane

Concen: 50.000 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 179045

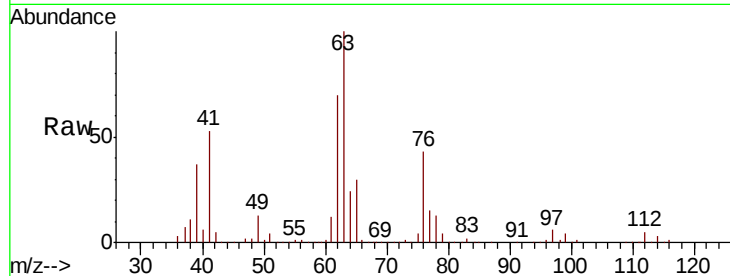
Ion Ratio Lower Upper

63 100

65 29.9 24.3 36.5

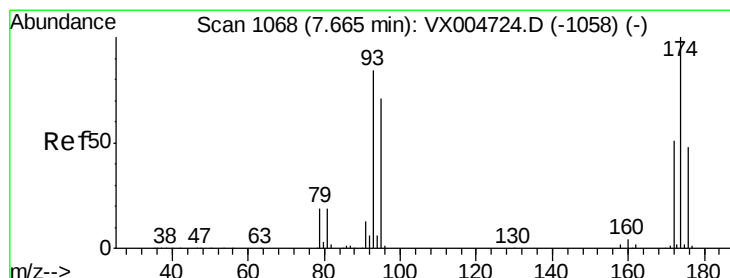
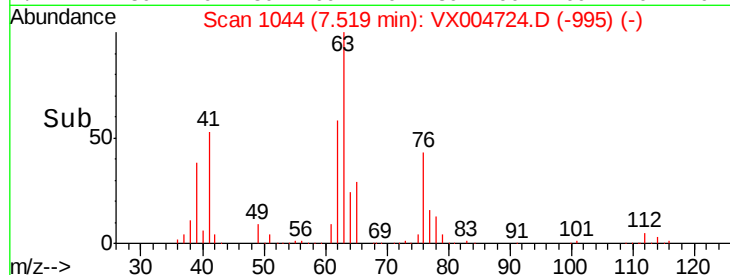
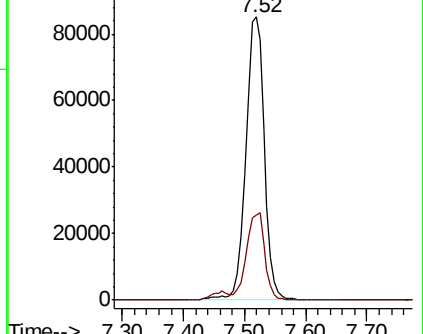
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

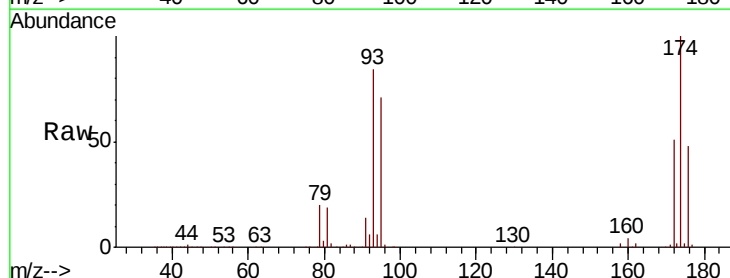
Tgt Ion: 93 Resp: 111612

Ion Ratio Lower Upper

93 100

95 83.4 65.5 98.3

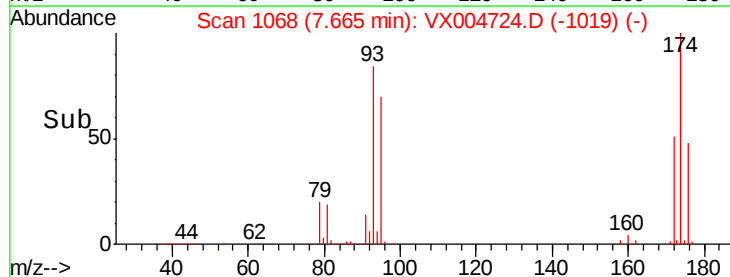
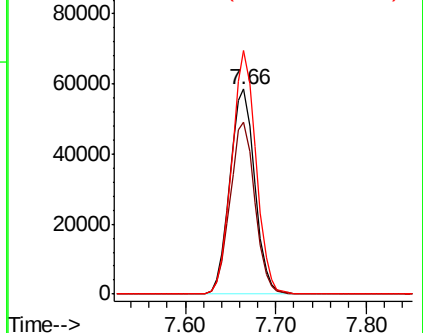
174 115.9 94.2 141.4

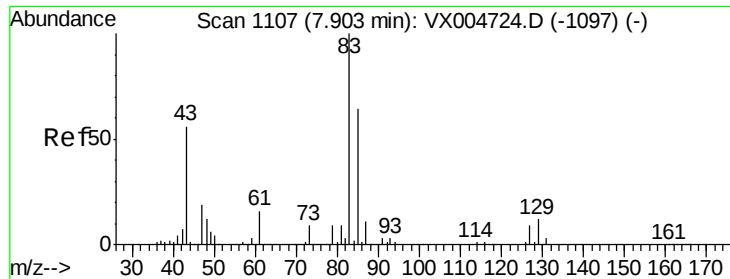


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.000 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

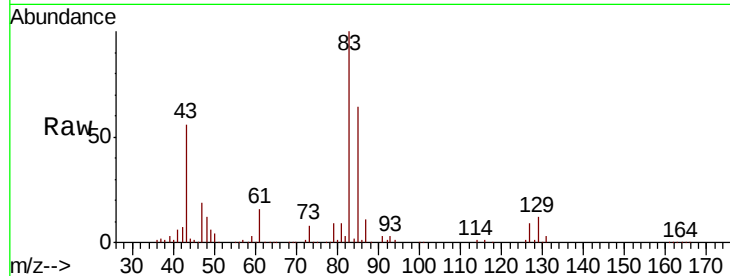
ClientSampleId :

VSTDICCC050

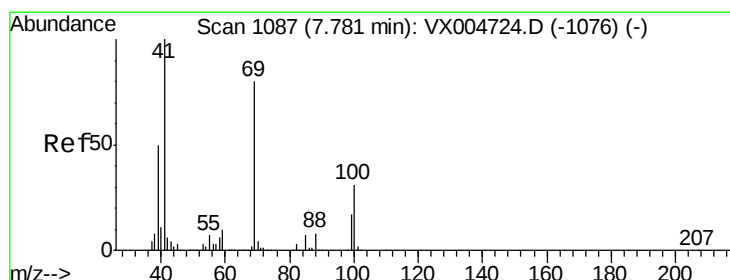
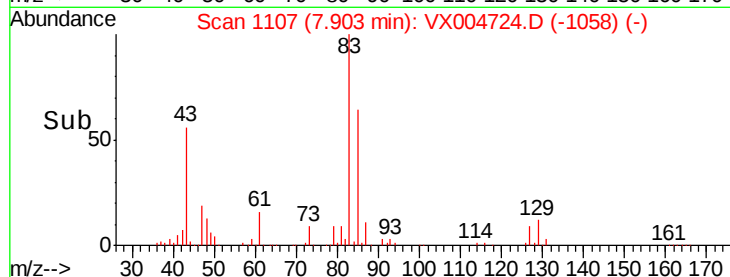
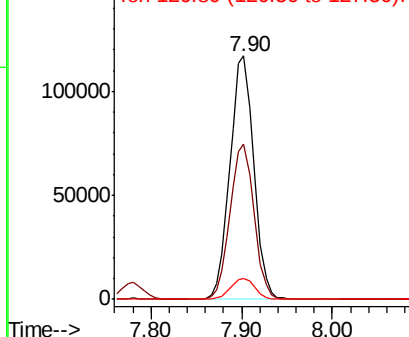
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 213725 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.0  | 50.9  | 76.3   |
| 127       | 8.8   | 7.3   | 10.9   |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.000 ug/l

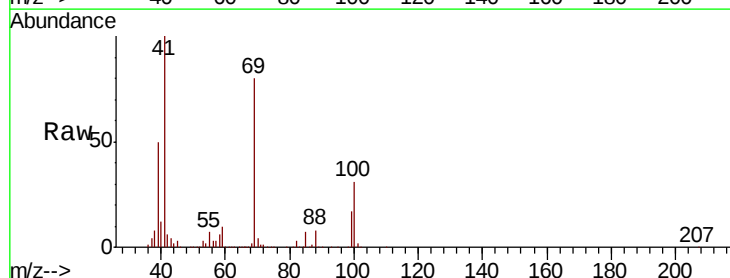
RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

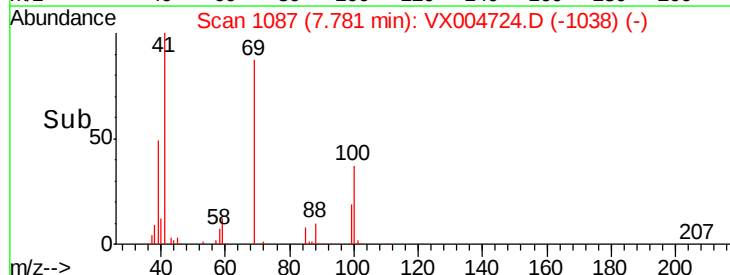
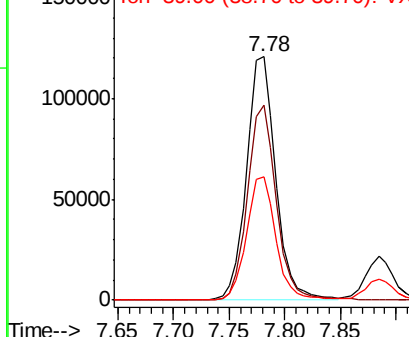
Lab File: VX004724.D

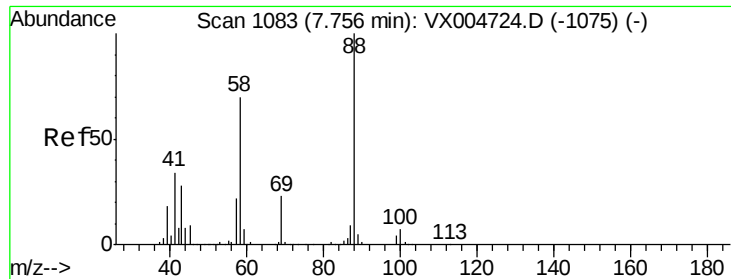
Acq: 26 Sep 2018 12:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 220638 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 79.7  | 70.2  | 105.4  |
| 39        | 50.9  | 42.7  | 64.1   |



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0





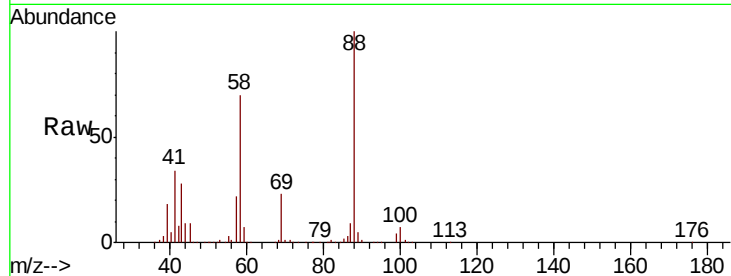
#49  
1,4-Dioxane  
Concen: 1000.000 ug/l  
RT: 7.76 min Scan# 1083  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.4  | 24.7  | 37.1  |
| 58      | 70.2  | 55.3  | 82.9  |

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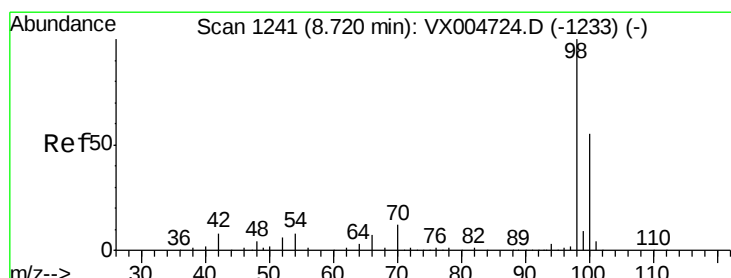
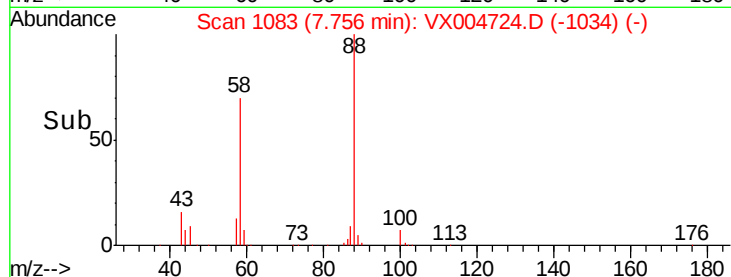
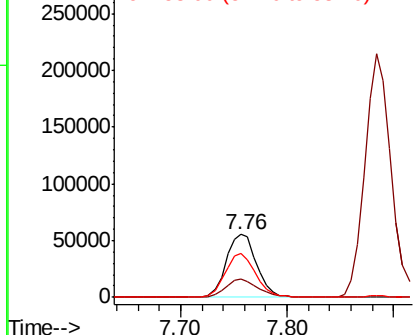


Abundance

Ion 88.00 (87.70 to 88.70): VX0

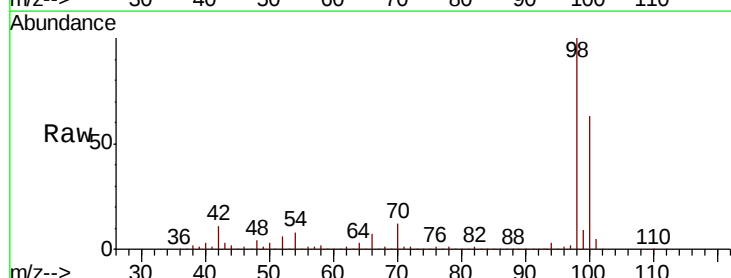
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 50.000 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

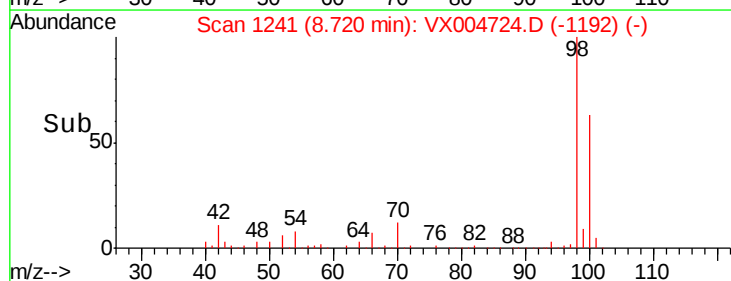
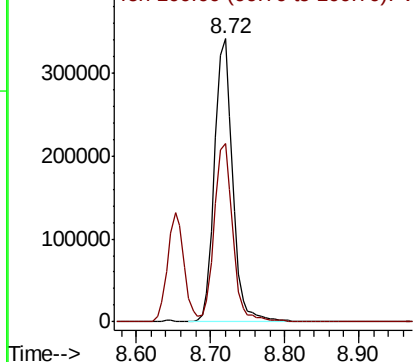
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.9  | 52.9  | 79.3  |



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





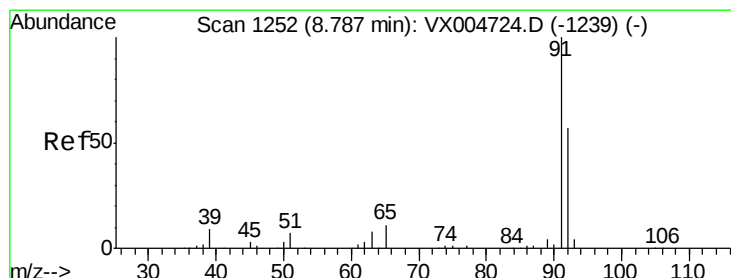
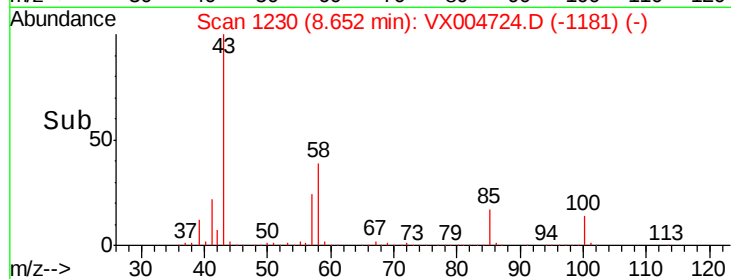
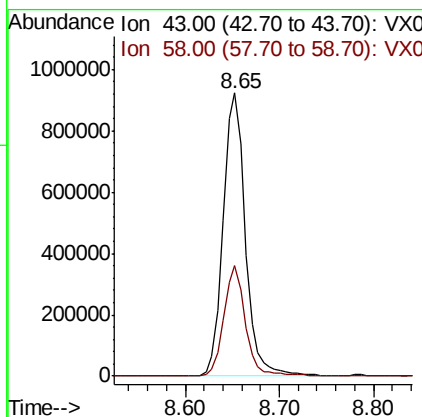
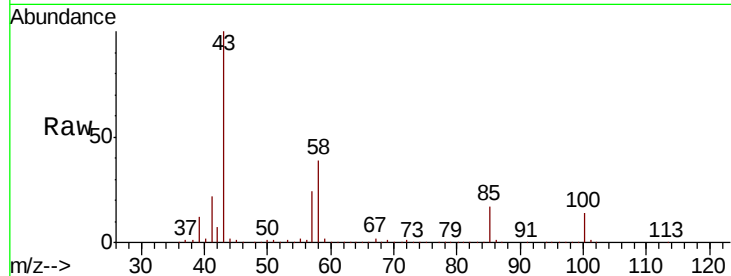
#51  
4-Methyl-2-Pentanone  
Concen: 250.000 ug/l  
RT: 8.65 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

Tot Ion: 43 Resp: 1512649  
Ion Ratio Lower Upper  
43 100  
58 38.1 33.1 49.7

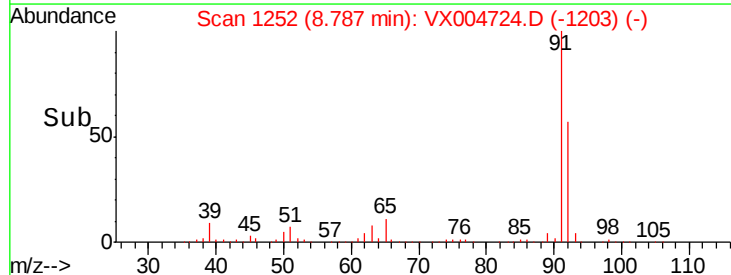
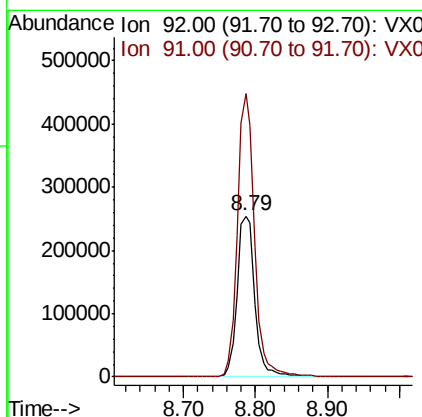
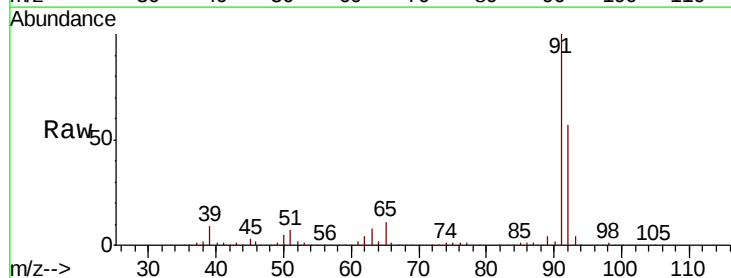
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#52  
Toluene  
Concen: 50.000 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Tgt Ion: 92 Resp: 430232  
Ion Ratio Lower Upper  
92 100  
91 170.9 136.4 204.6





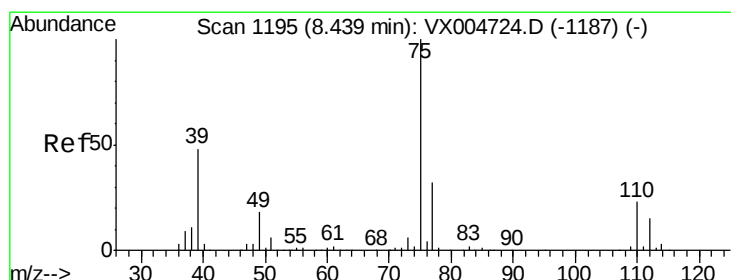
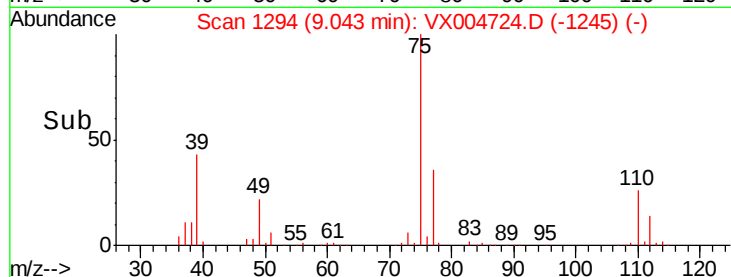
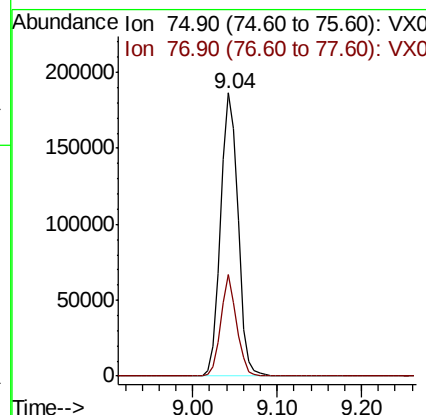
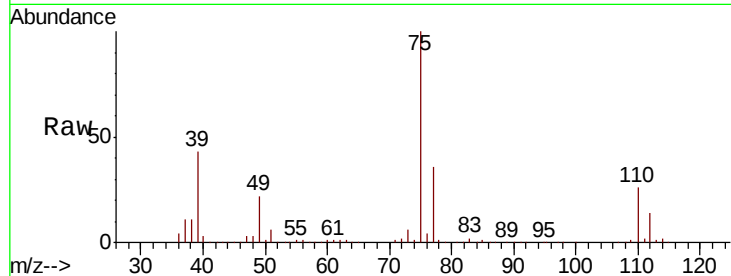
#53  
t-1,3-Dichloropropene  
Concen: 50.000 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 36.1  | 24.6  | 37.0  |

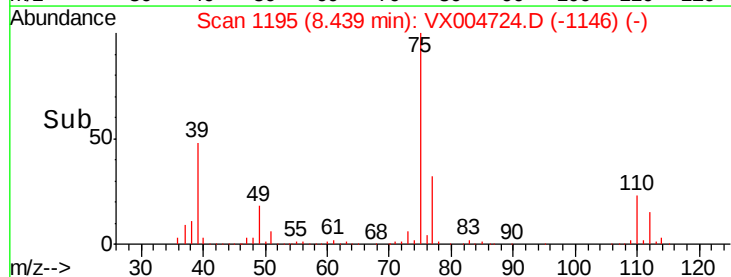
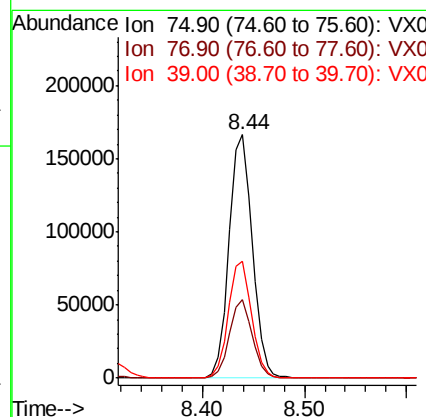
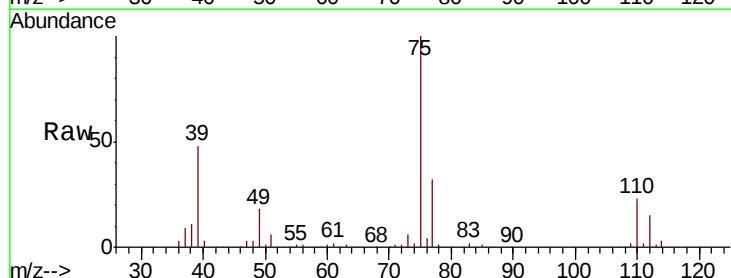
Manual Integrations  
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10/1/2018 1:30:59 PM



#54  
cis-1,3-Dichloropropene  
Concen: 50.000 ug/l  
RT: 8.44 min Scan# 1195  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.1  | 26.2  | 39.2  |
| 39      | 47.9  | 36.4  | 54.6  |





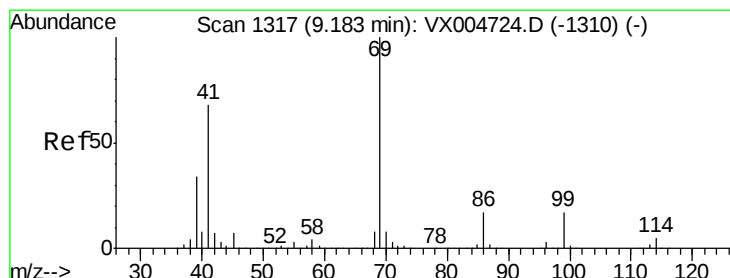
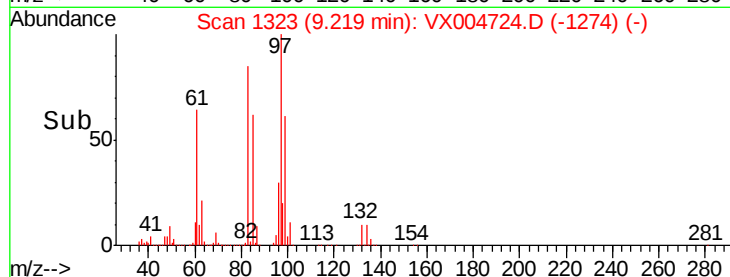
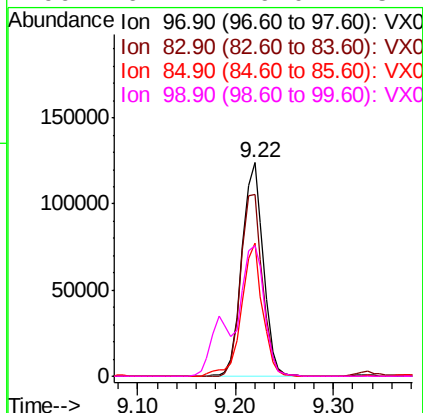
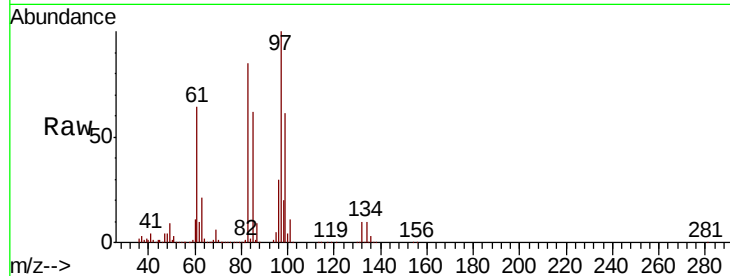
#55  
 1,1,2-Trichloroethane  
 Concen: 50.000 ug/l  
 RT: 9.22 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 187750 |       |       |
| 83      | 85.2 | 66.4  | 99.6   |       |       |
| 85      | 62.4 | 43.3  | 64.9   |       |       |
| 99      | 61.1 | 49.0  | 73.4   |       |       |

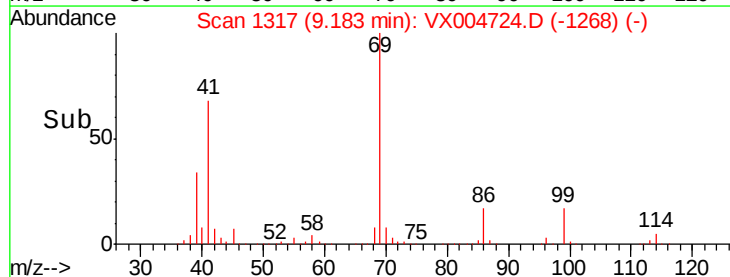
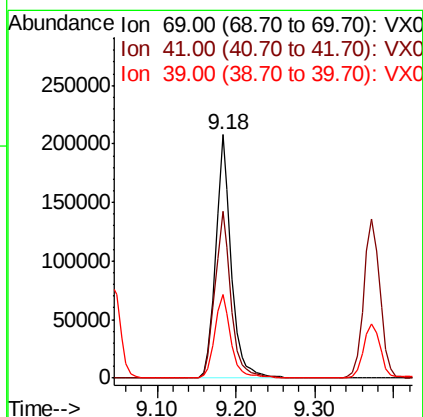
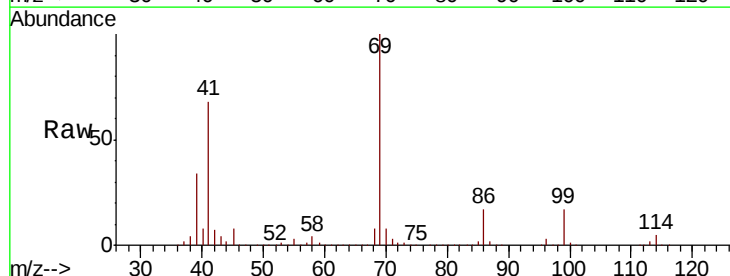
Manual Integrations  
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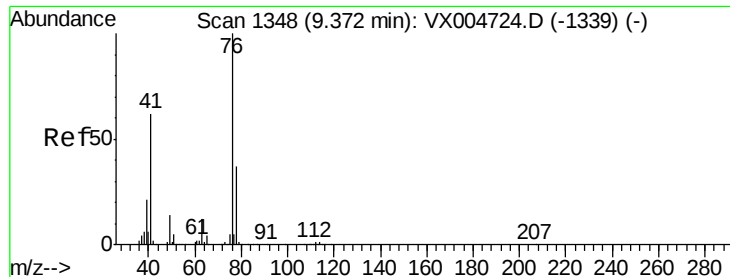
MMDadoda  
 10/1/2018 1:30:59 PM



#56  
 Ethyl methacrylate  
 Concen: 50.000 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 285769 |       |       |
| 41      | 71.1 | 51.0  | 76.4   |       |       |
| 39      | 35.5 | 26.1  | 39.1   |       |       |





#57

1,3-Dichloropropane

Concen: 50.000 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampled :

VSTDICCC050

Tot Ion: 76 Resp: 321124

Ion Ratio Lower Upper

76 100

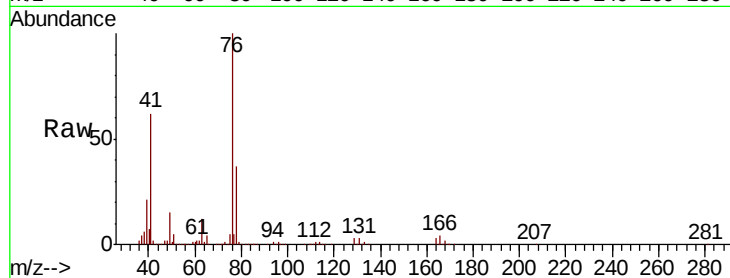
78 33.3 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

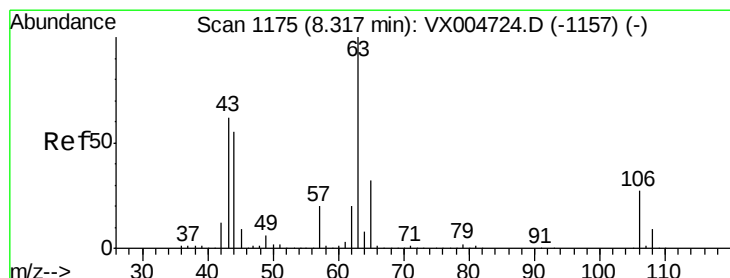
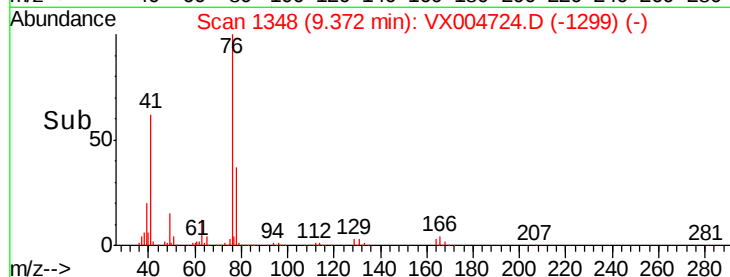
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.000 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004724.D

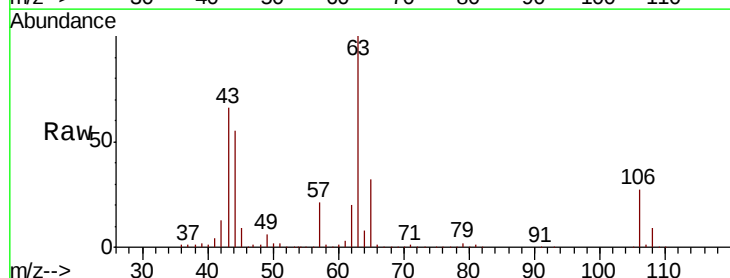
Acq: 26 Sep 2018 12:54

Tgt Ion: 63 Resp: 763762

Ion Ratio Lower Upper

63 100

106 26.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

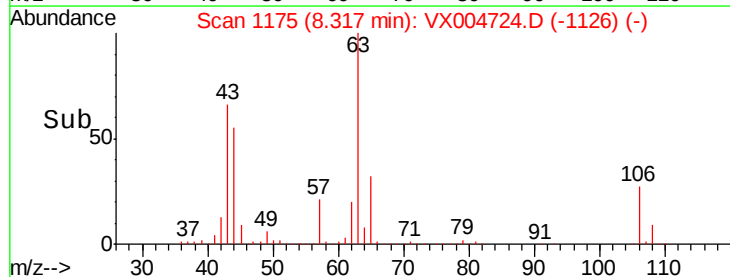
200000

100000

0

8.20 8.30 8.40

Time-->





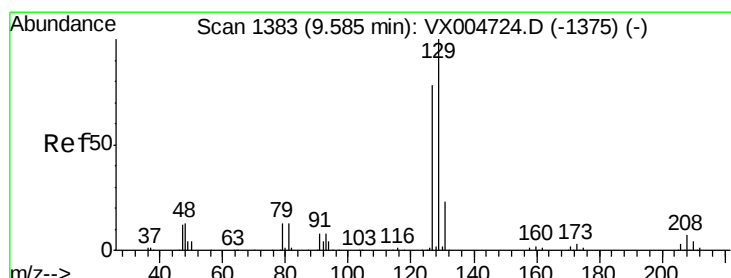
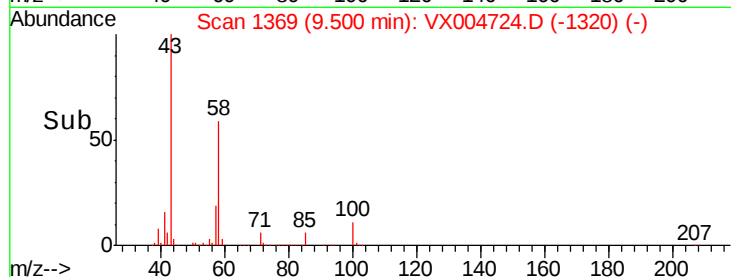
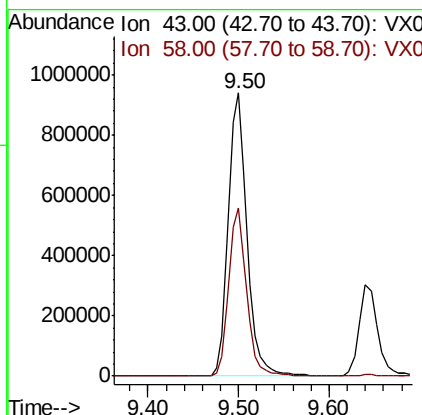
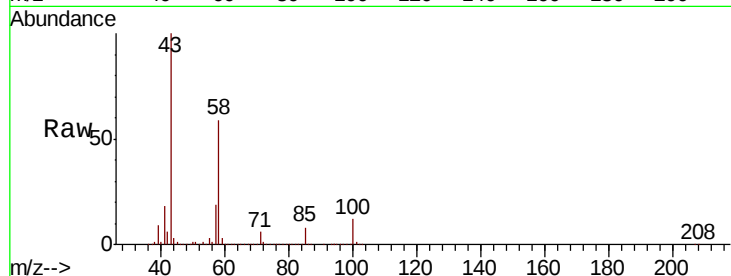
#59  
2-Hexanone  
Concen: 250.000 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 1350450  
Ion Ratio Lower Upper  
43 100  
58 56.9 29.0 87.0

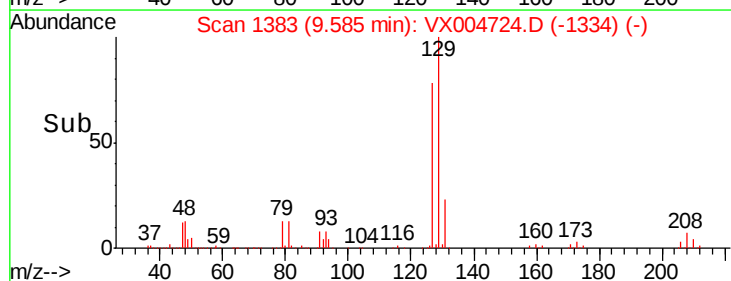
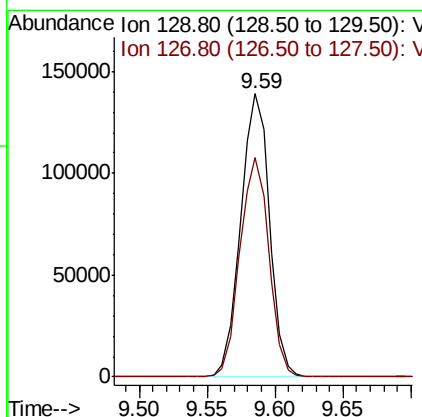
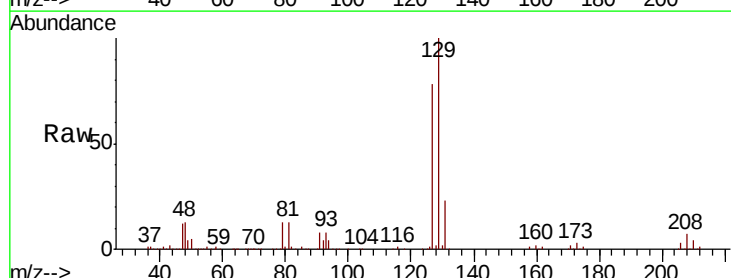
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#60  
Dibromochloromethane  
Concen: 50.000 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Tgt Ion: 129 Resp: 205131  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.5 115.5





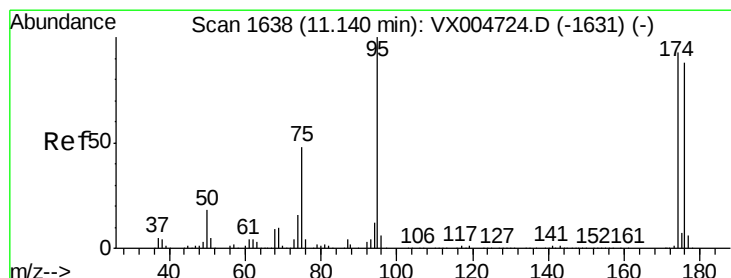
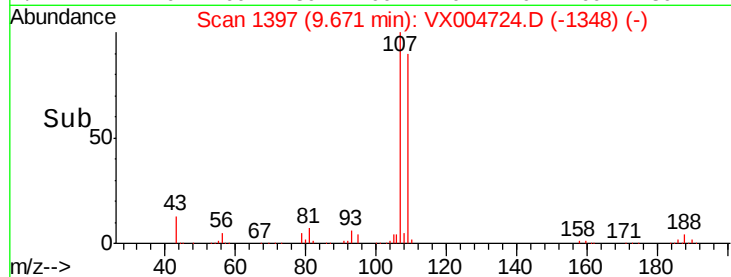
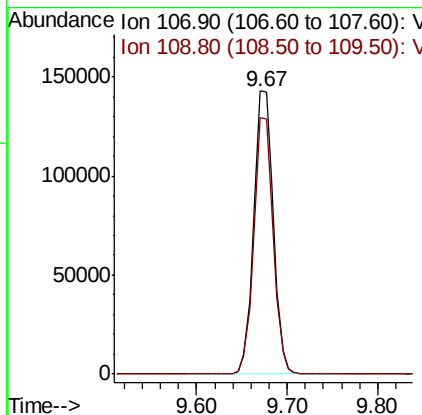
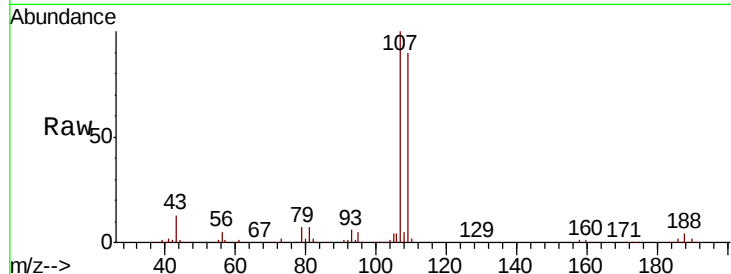
#61  
 1,2-Dibromoethane  
 Concen: 50.000 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 213186 |       |       |
| 109     | 90.1  | 76.0   | 114.0 |       |

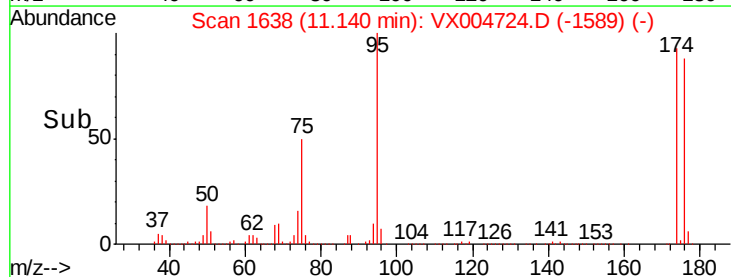
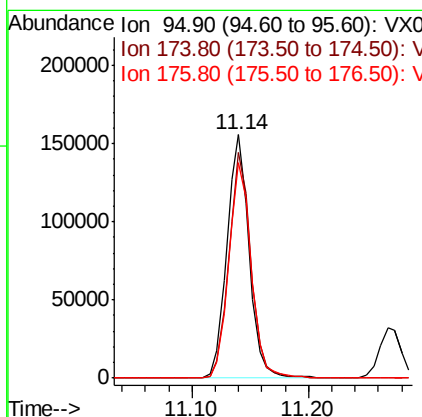
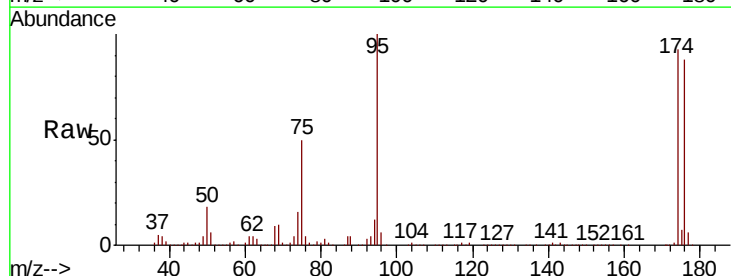
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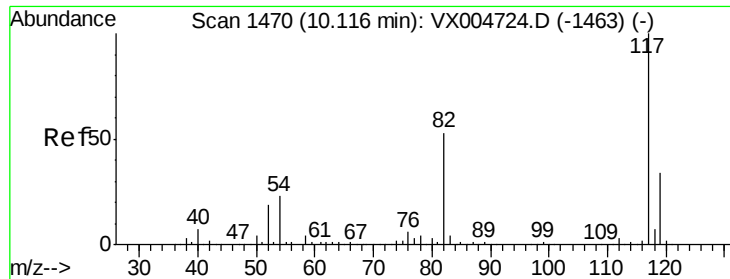
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#62  
 4-Bromofluorobenzene  
 Concen: 50.000 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 205481 |       |       |
| 174     | 92.5  | 0.0    | 185.2 |       |
| 176     | 90.1  | 0.0    | 178.6 |       |





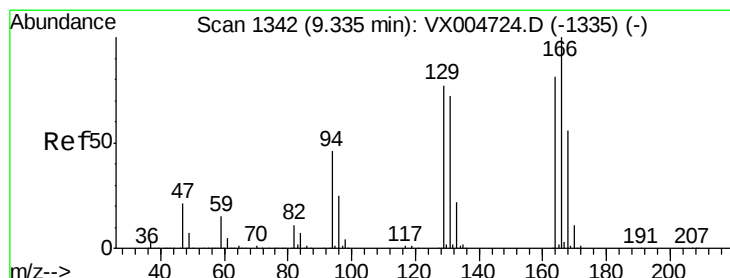
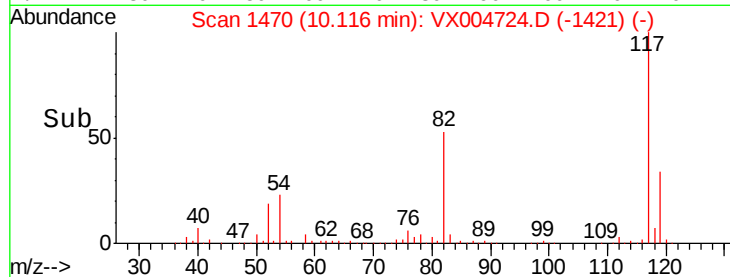
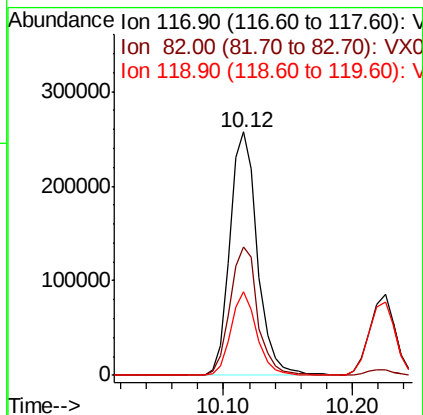
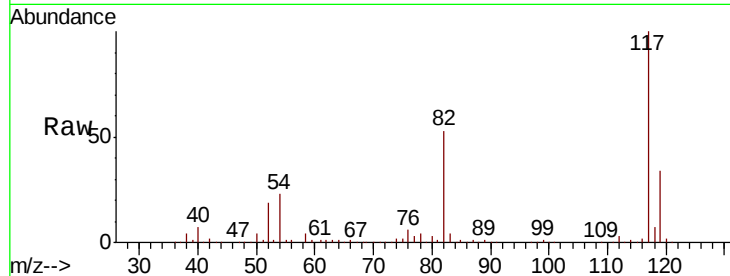
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.8  | 47.8  | 71.6  |
| 119     | 34.2  | 29.3  | 43.9  |

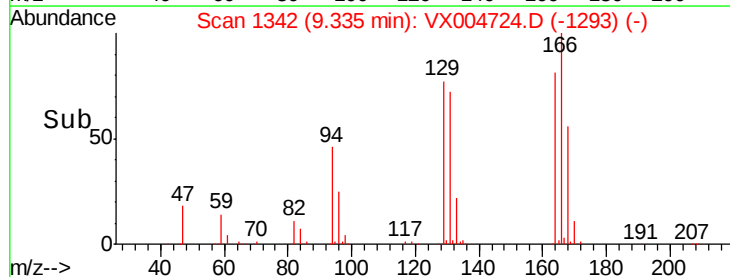
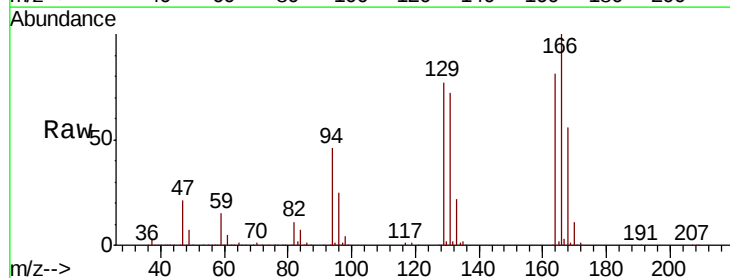
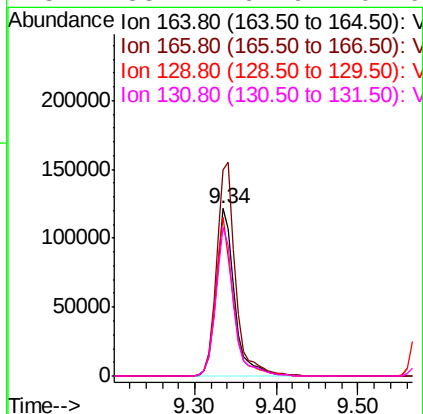
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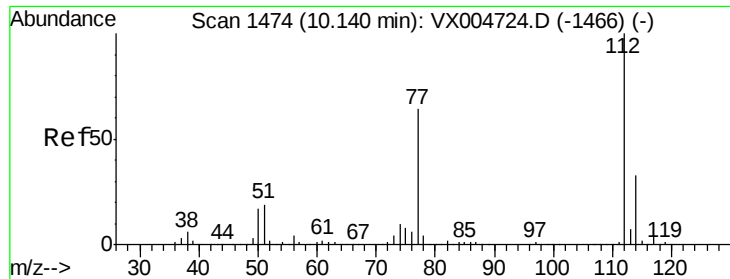
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 50.000 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.0 | 102.8 | 154.2 |
| 129     | 95.1  | 69.4  | 104.0 |
| 131     | 88.7  | 67.9  | 101.9 |





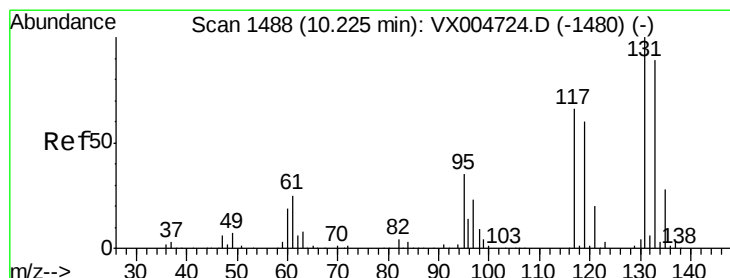
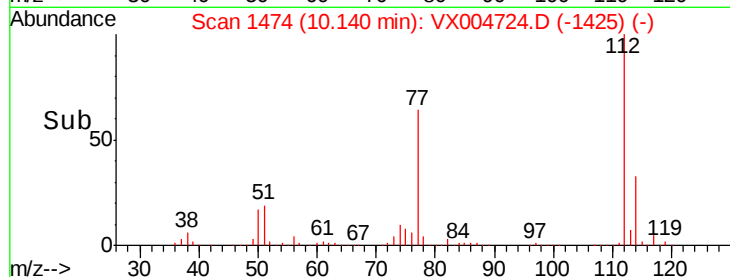
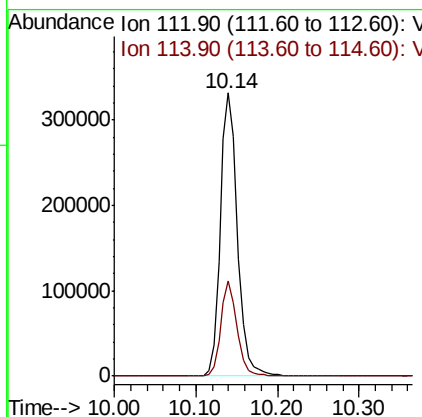
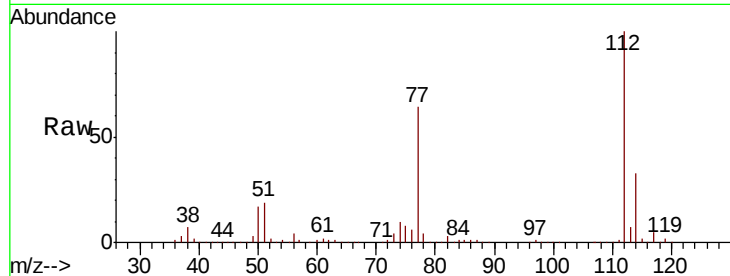
#65  
Chlorobenzene  
Concen: 50.000 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion:112 Resp: 484159  
Ion Ratio Lower Upper  
112 100  
114 33.4 27.8 41.8

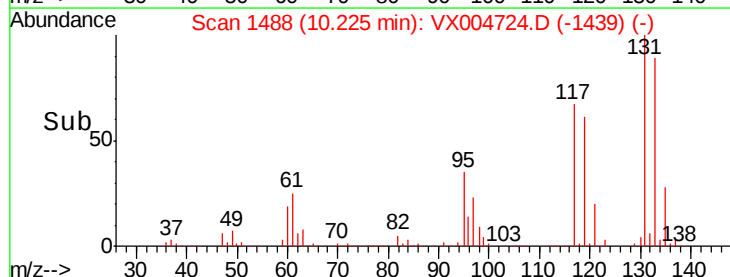
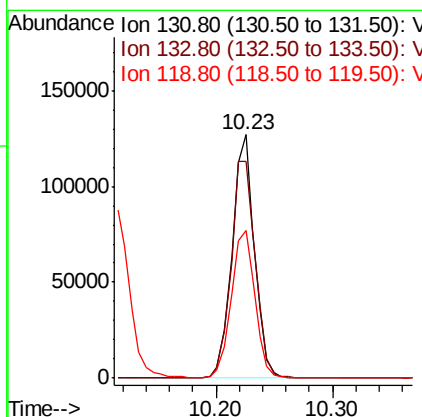
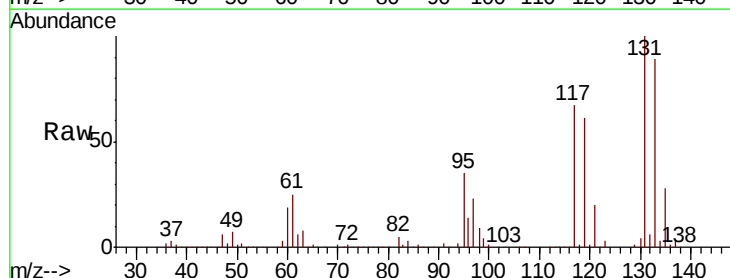
Manual Integrations  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.000 ug/l  
RT: 10.23 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Tgt Ion:131 Resp: 169108  
Ion Ratio Lower Upper  
131 100  
133 96.7 48.1 144.4  
119 64.5 32.9 98.6





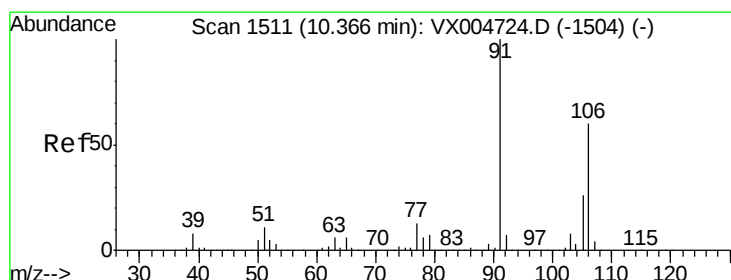
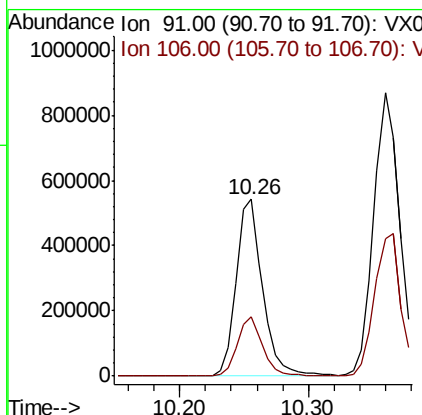
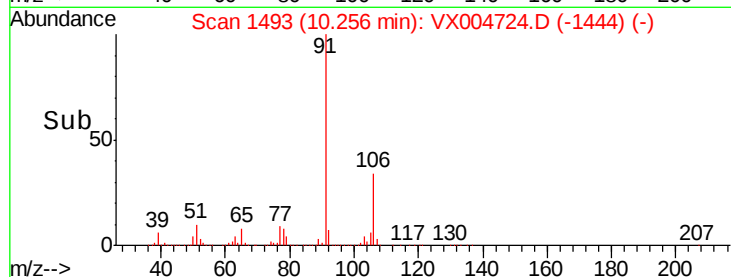
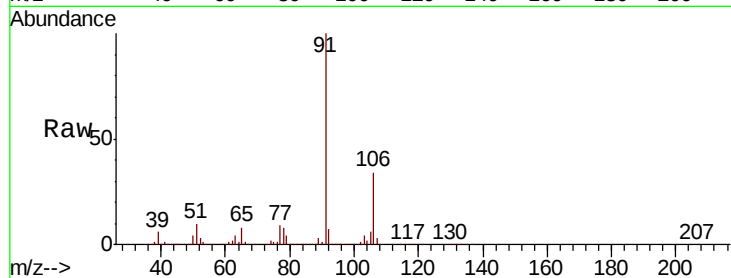
#67  
Ethyl Benzene  
Concen: 50.000 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 33.6  | 25.9  | 38.9  |

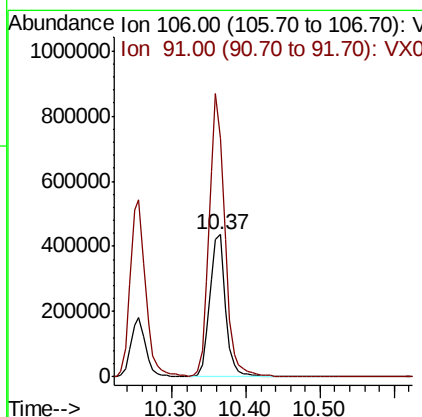
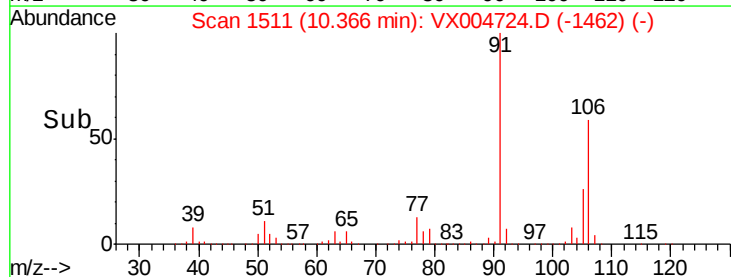
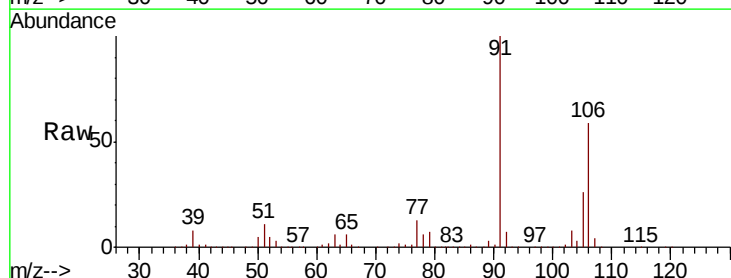
Manual Integrations  
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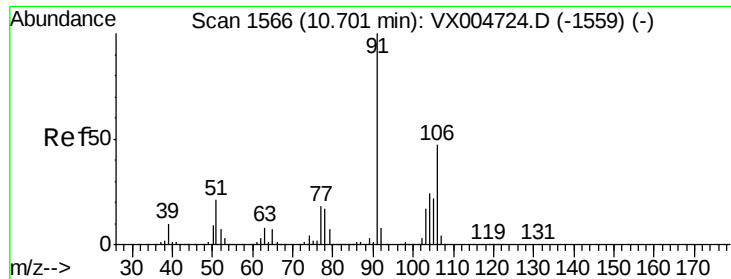
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 100.000 ug/l  
RT: 10.37 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 196.9 | 157.1 | 235.7 |





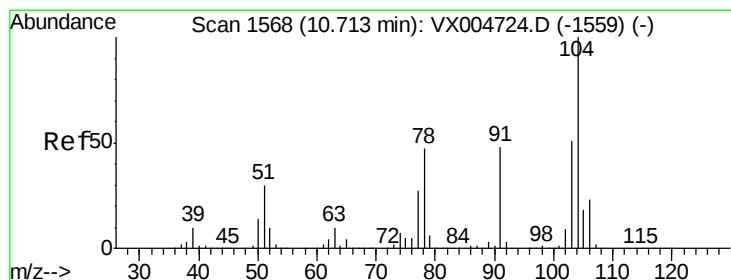
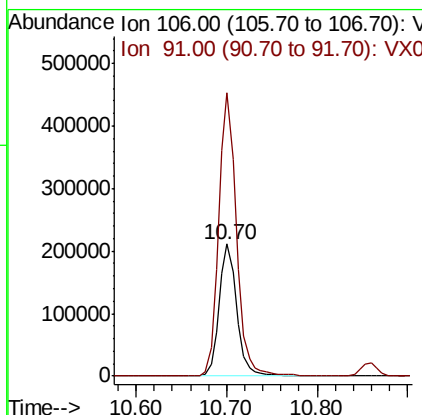
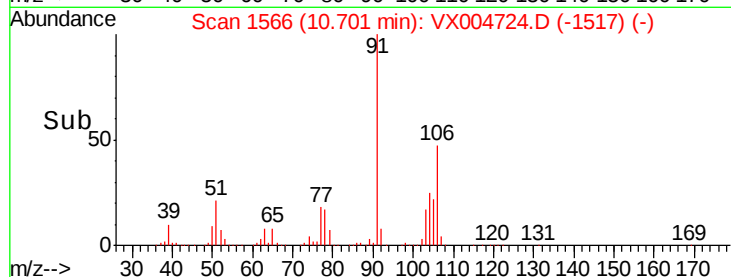
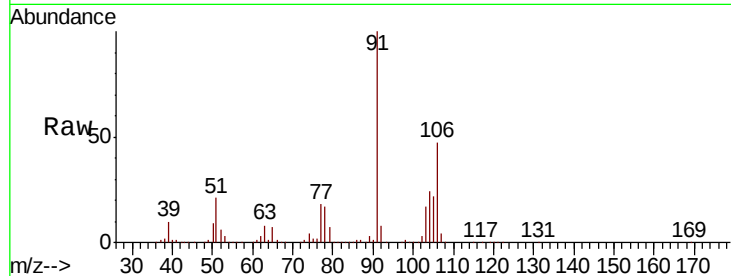
#69  
o-Xylene  
Concen: 50.000 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 286576 |       |       |
| 91      | 91  | 216.5 | 105.1  | 315.1 |       |

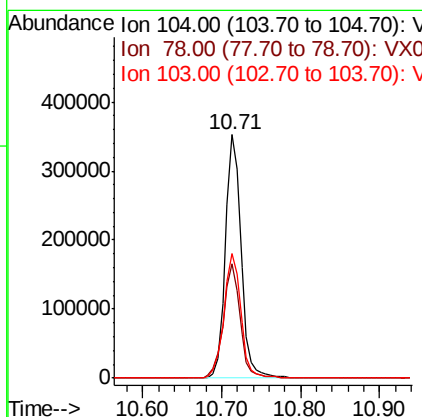
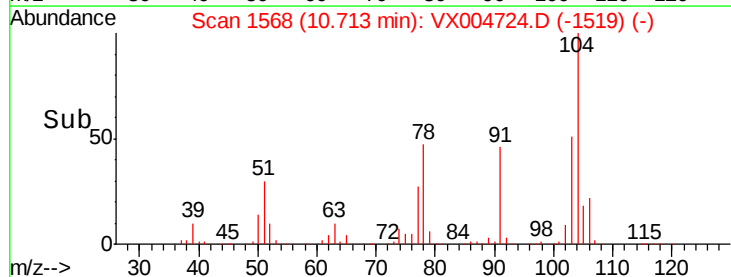
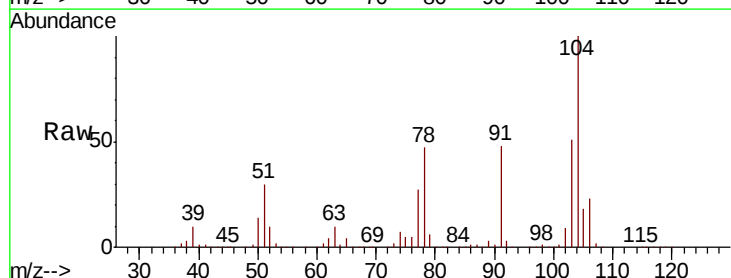
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#70  
Styrene  
Concen: 50.000 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 490393 |       |       |
| 78      | 78  | 50.0  | 37.4   | 56.0  |       |
| 103     | 103 | 55.4  | 43.8   | 65.6  |       |





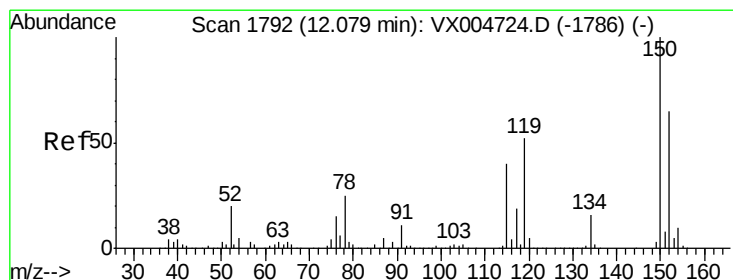
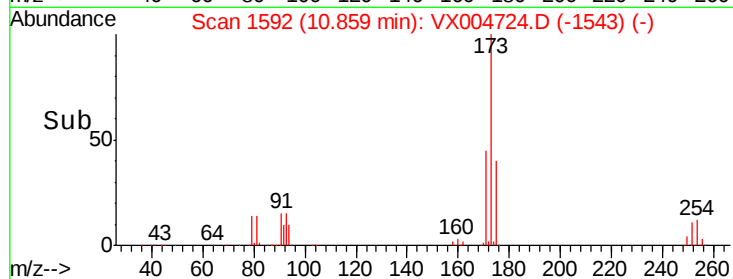
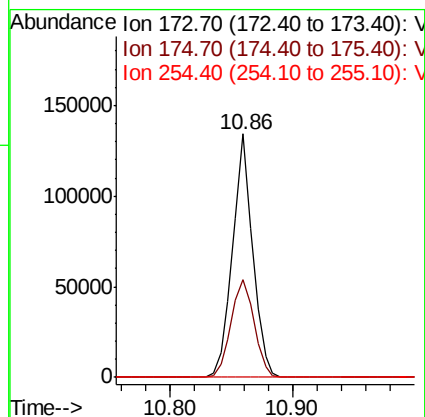
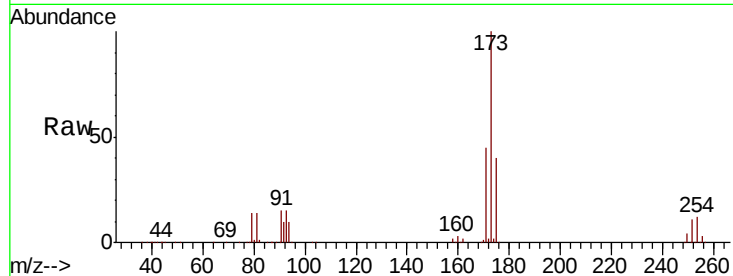
#71  
Bromoform  
Concen: 50.000 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 46.5  | 24.1  | 72.3  |
| 254     | 0.2   | 0.2   | 0.2   |

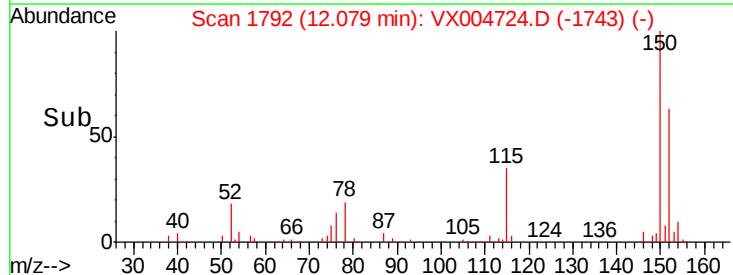
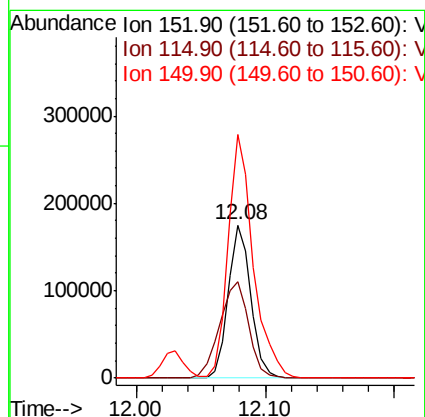
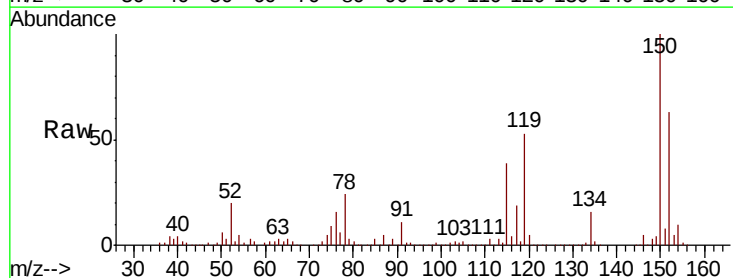
Manual Integrations  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 80.4  | 39.0  | 117.0 |
| 150     | 175.5 | 0.0   | 351.0 |





#73

Isopropylbenzene

Concen: 50.000 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 764088

Ion Ratio Lower Upper

105 100

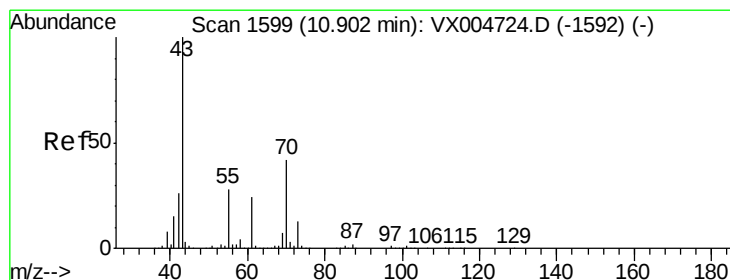
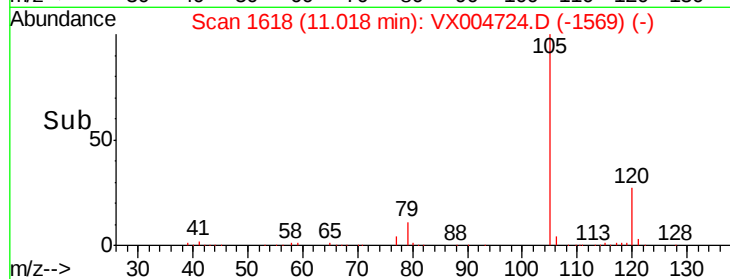
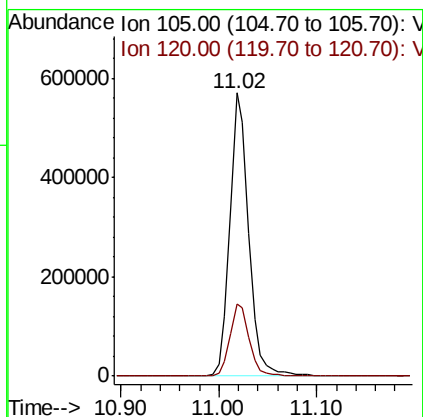
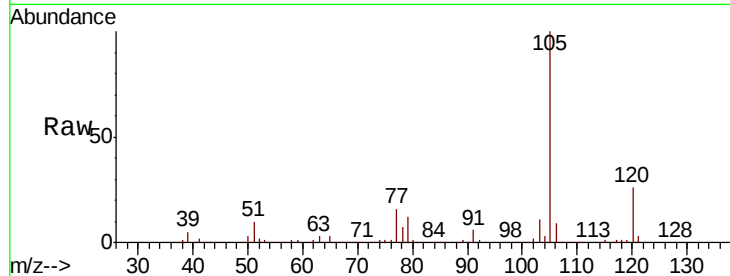
120 26.3 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.000 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Tgt Ion: 43 Resp: 373217

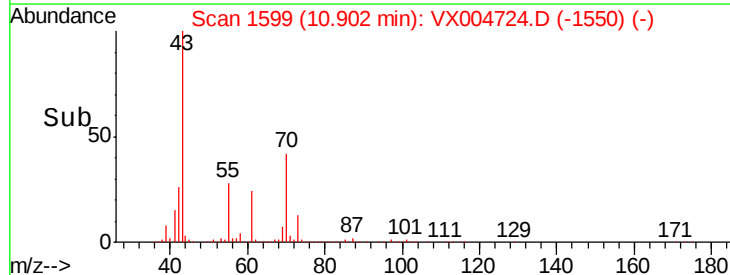
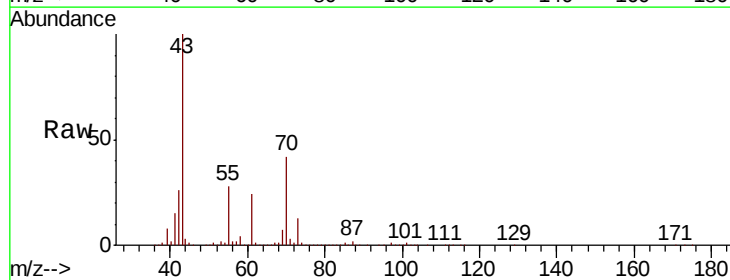
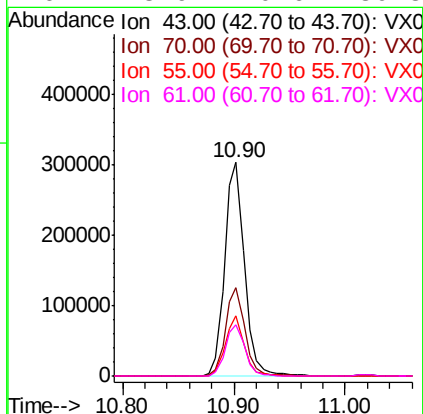
Ion Ratio Lower Upper

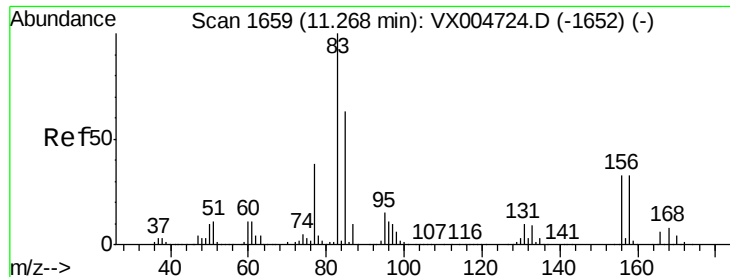
43 100

70 40.7 37.4 56.0

55 27.0 21.8 32.8

61 23.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.000 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 274867  
Ion Ratio Lower Upper

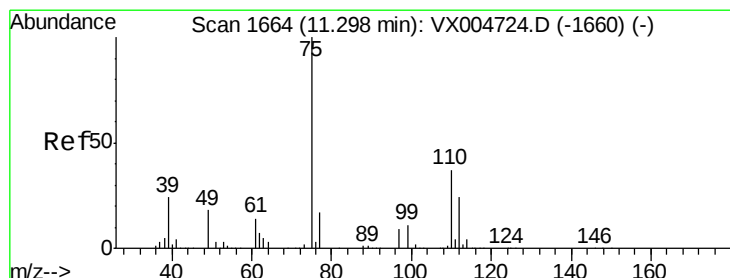
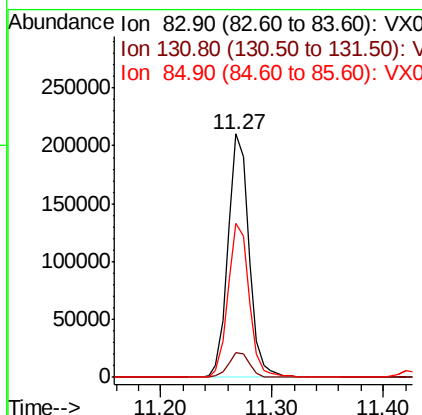
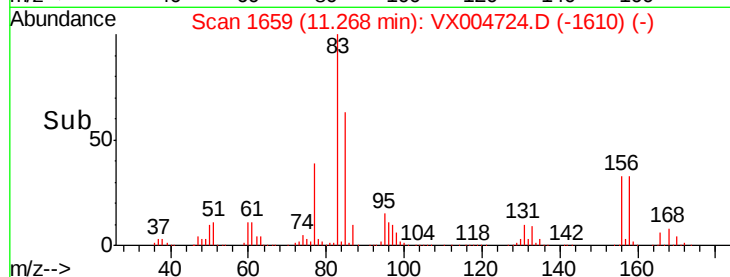
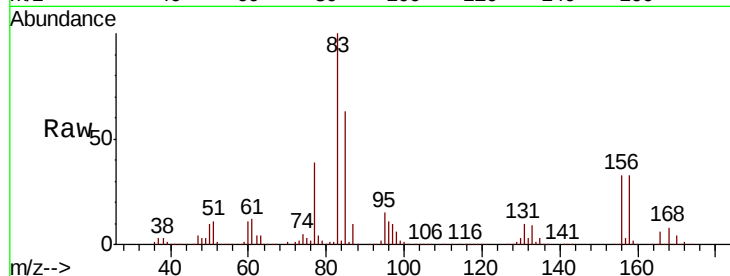
83 100

131 10.2 5.2 15.6

85 63.9 32.3 96.8

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 50.000 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

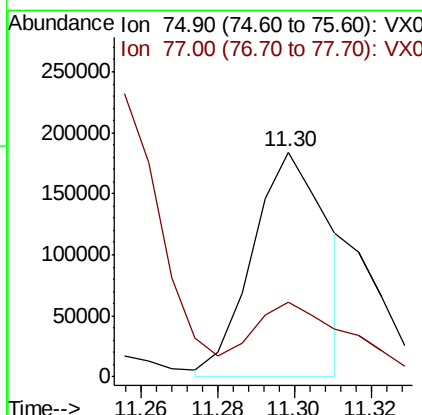
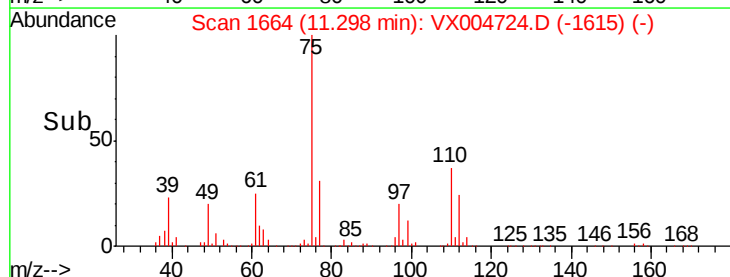
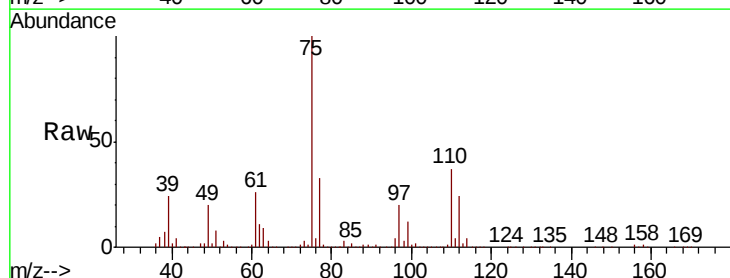
Lab File: VX004724.D

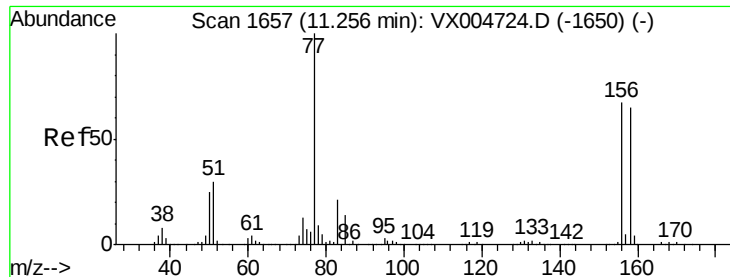
Acq: 26 Sep 2018 12:54

Tgt Ion: 75 Resp: 251869  
Ion Ratio Lower Upper

75 100

77 42.9 20.2 60.6





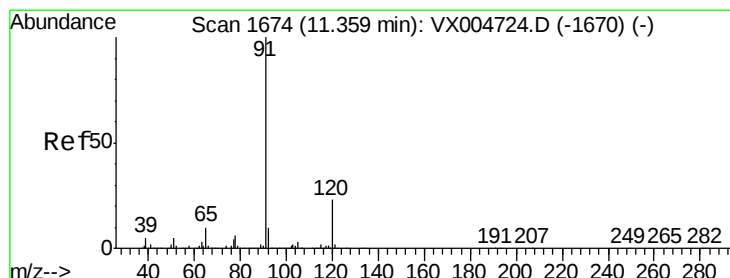
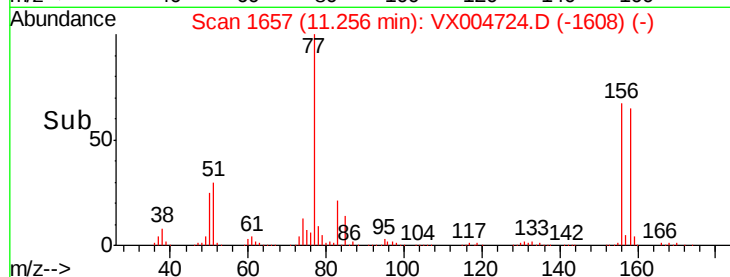
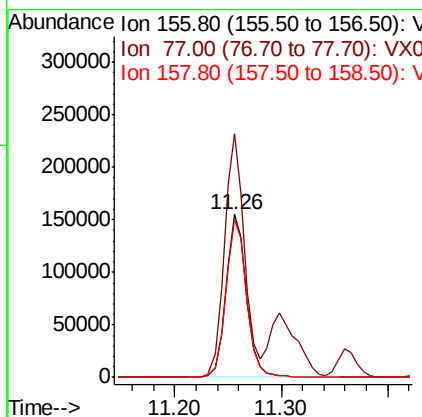
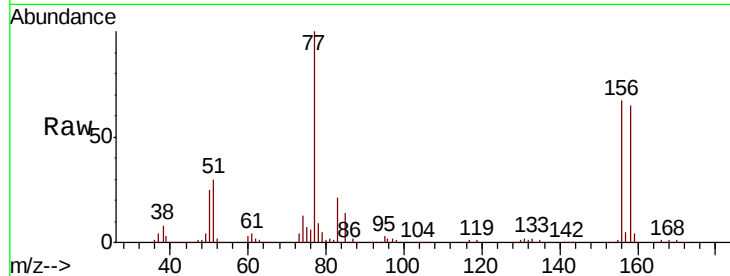
#77  
Bromobenzene  
Concen: 50.000 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 146.8 | 71.5  | 214.3 |
| 158     | 98.3  | 48.9  | 146.8 |

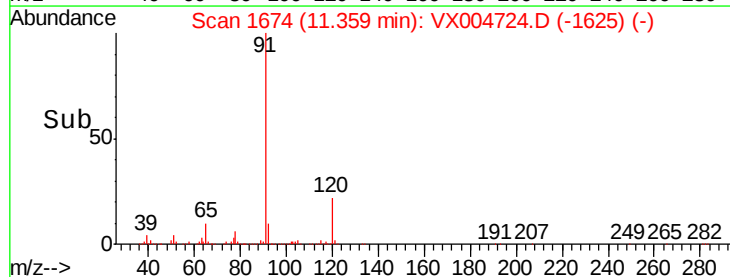
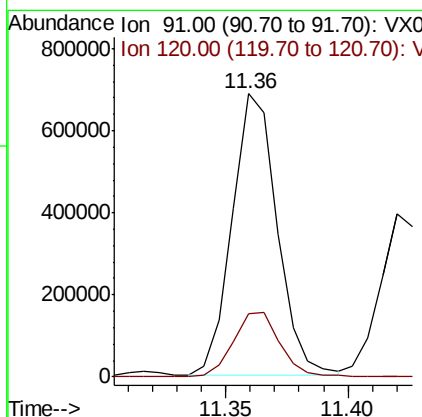
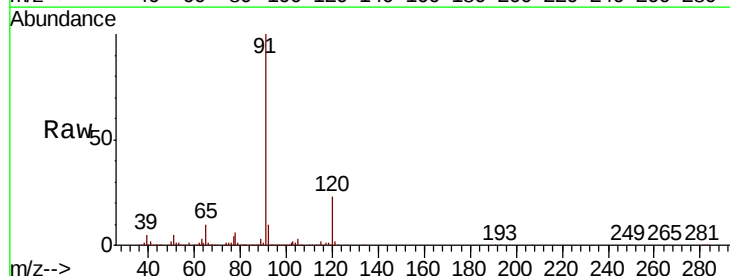
Manual Integrations  
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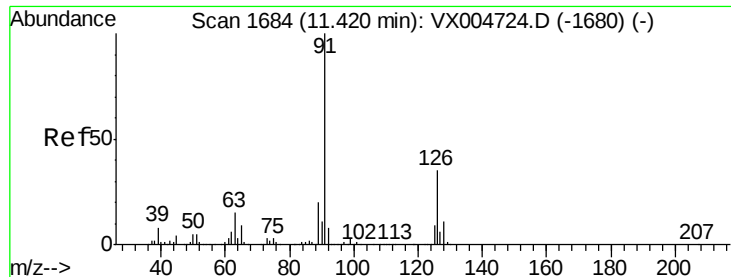
MMDadoda  
10/1/2018 1:30:59 PM



#78  
n-propylbenzene  
Concen: 50.000 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.0  | 11.9  | 35.9  |





#79

2-Chlorotoluene

Concen: 50.000 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 530321

Ion Ratio Lower Upper

91 100

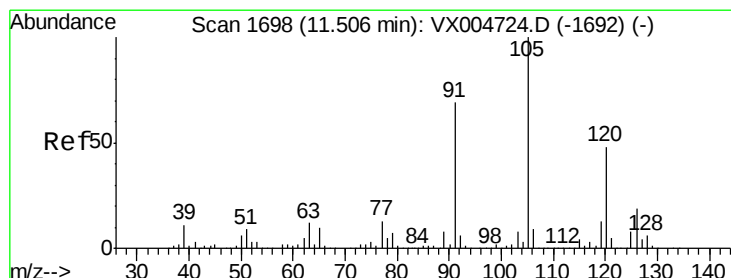
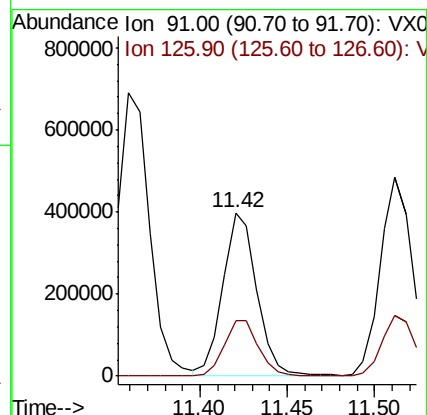
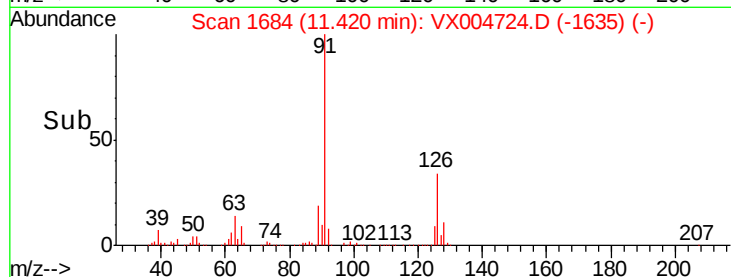
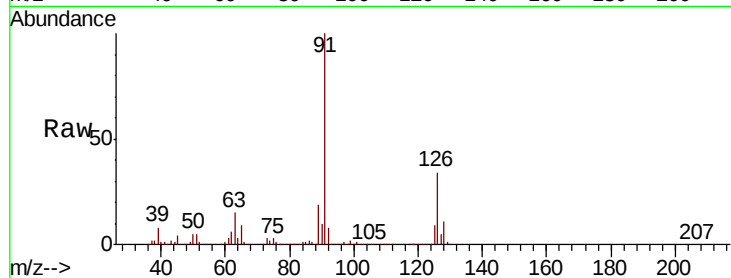
126 35.3 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004724.D

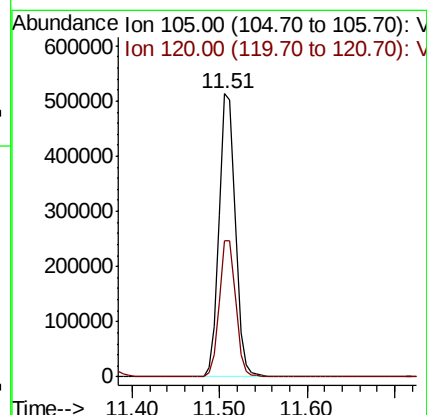
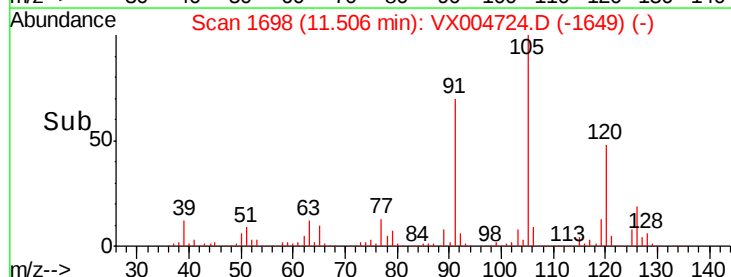
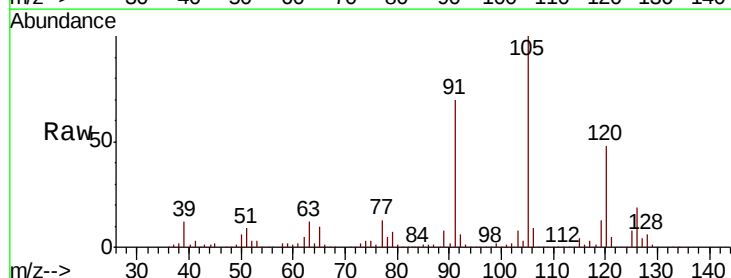
Acq: 26 Sep 2018 12:54

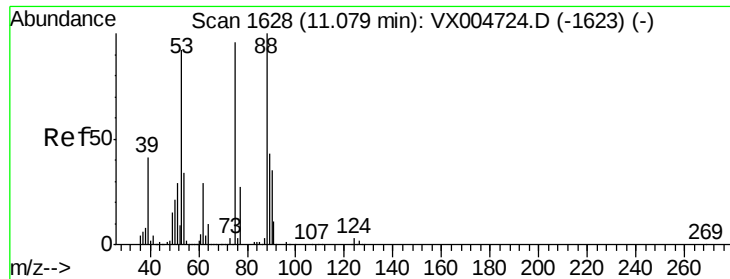
Tgt Ion: 105 Resp: 658055

Ion Ratio Lower Upper

105 100

120 48.5 25.6 76.8





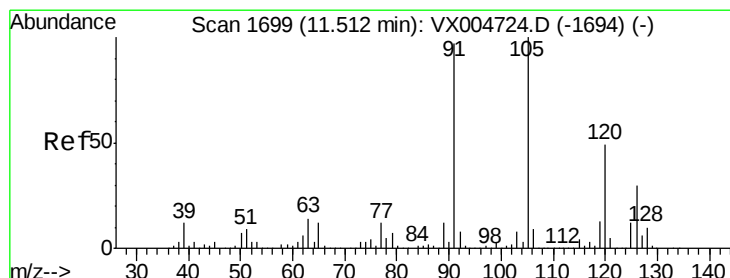
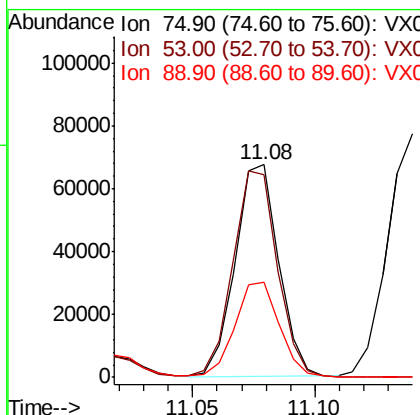
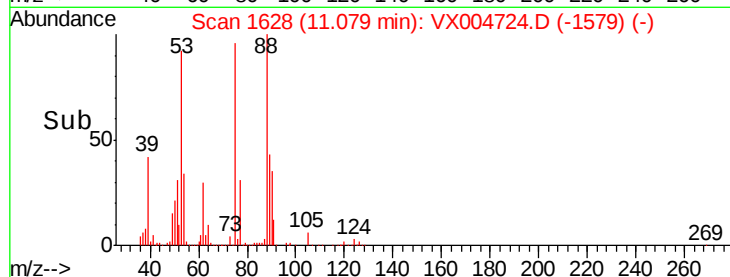
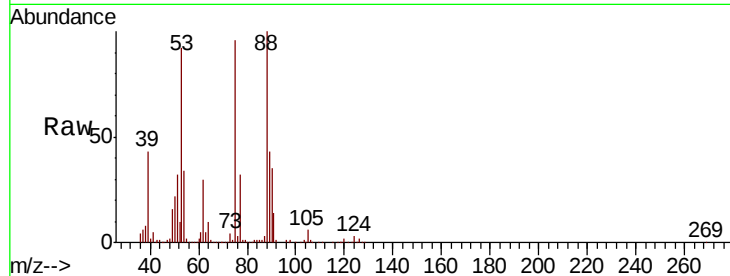
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.000 ug/l  
RT: 11.08 min Scan# 1628  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.3 | 80.1  | 120.1 |
| 89      | 46.4  | 37.2  | 55.8  |

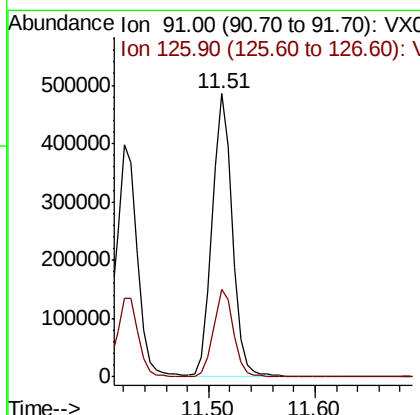
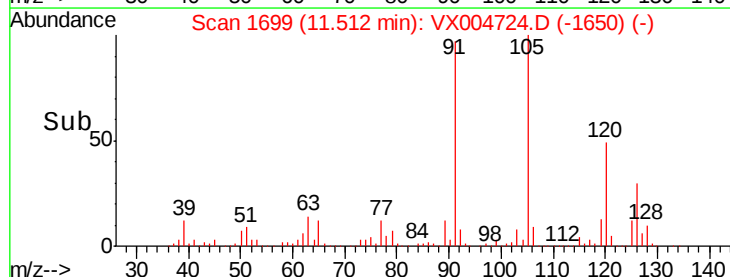
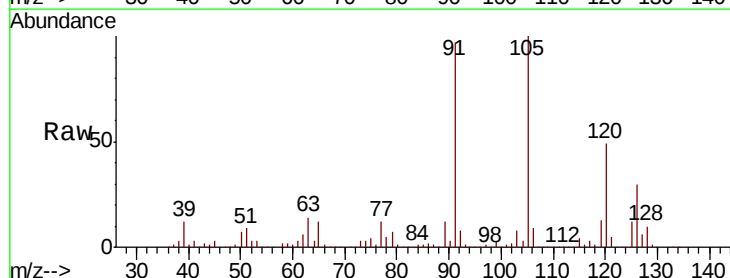
Manual Integrations  
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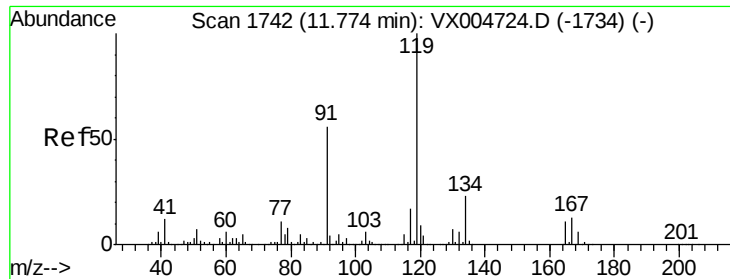
MMDadoda  
10/1/2018 1:30:59 PM



#82  
4-Chlorotoluene  
Concen: 50.000 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.0  | 15.5  | 46.5  |





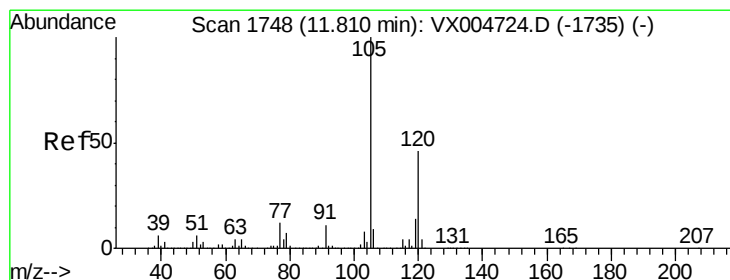
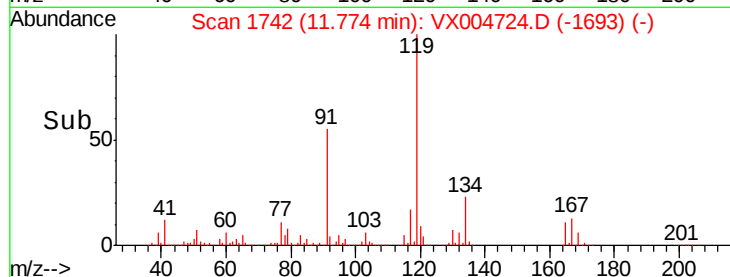
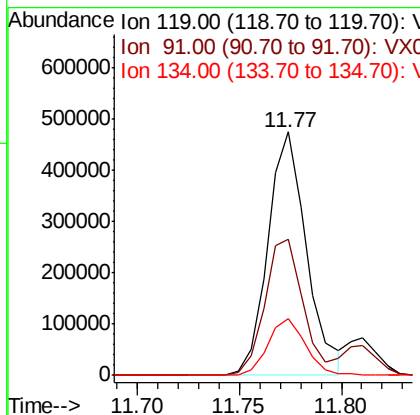
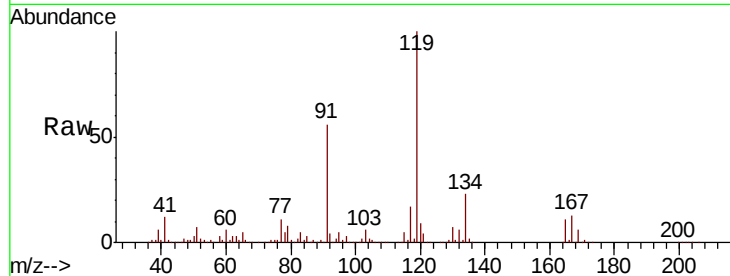
#83  
 tert-Butylbenzene  
 Concen: 50.000 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 55.0  | 27.0  | 81.0  |
| 134     | 22.9  | 11.7  | 35.1  |

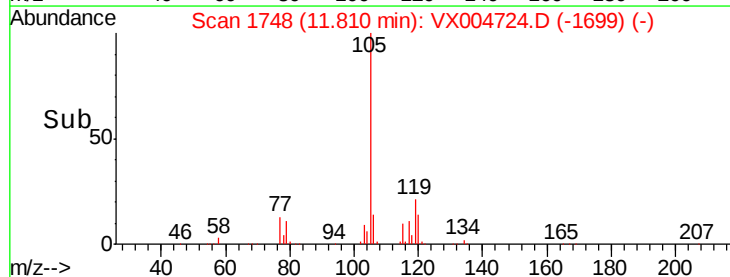
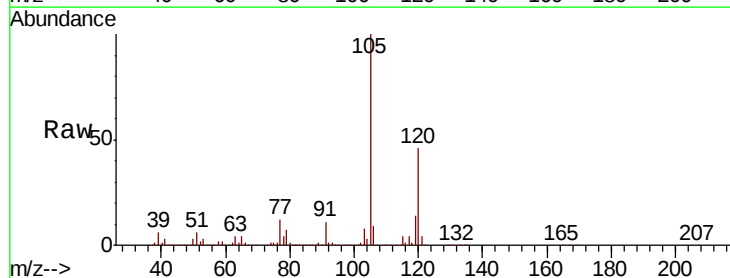
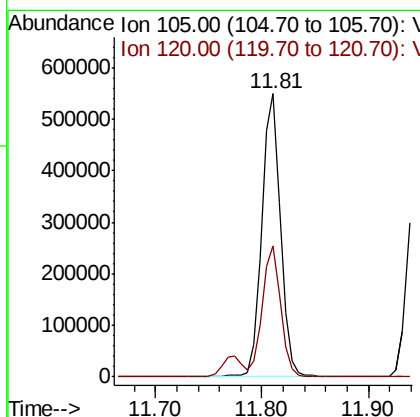
Manual Integrations  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.000 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.5  | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 50.000 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 762002

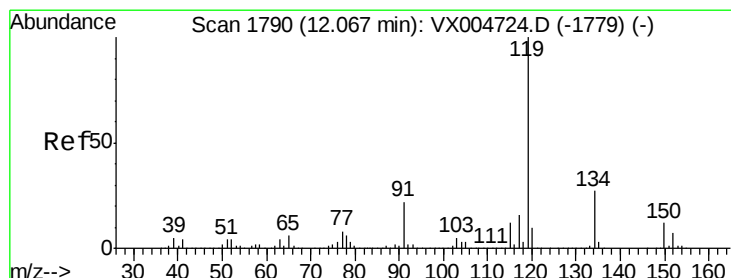
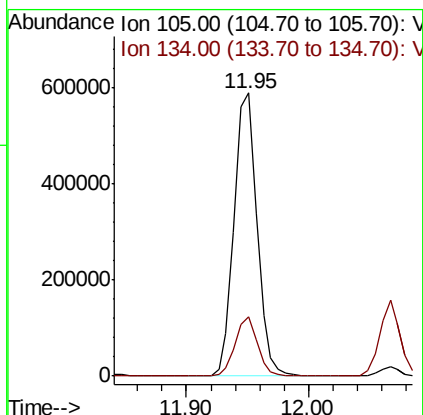
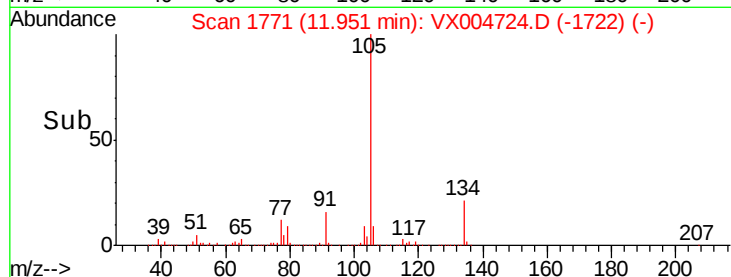
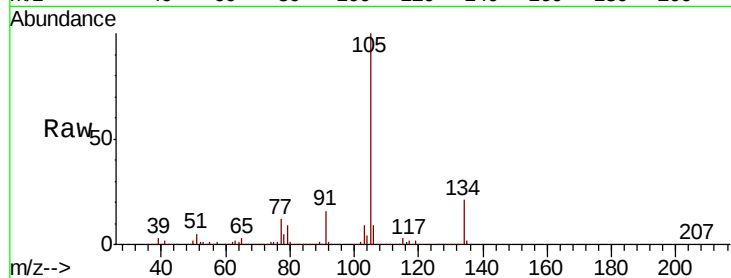
Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5

Manual Integrations  
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10/1/2018 1:30:59 PM



#86

p-Isopropyltoluene

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004724.D

Acq: 26 Sep 2018 12:54

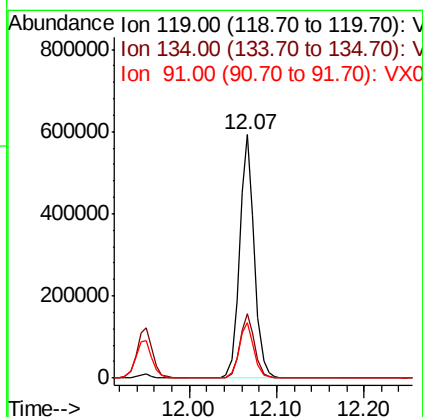
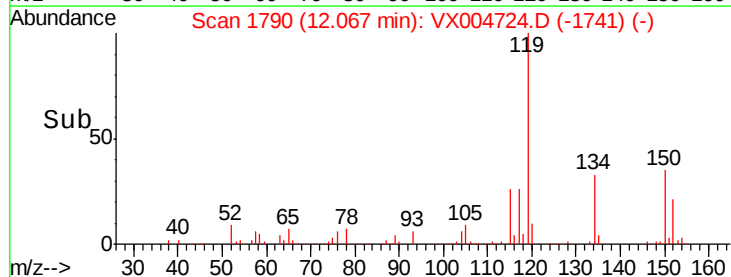
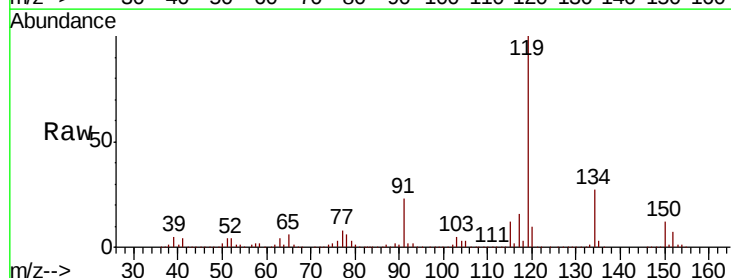
Tgt Ion:119 Resp: 692511

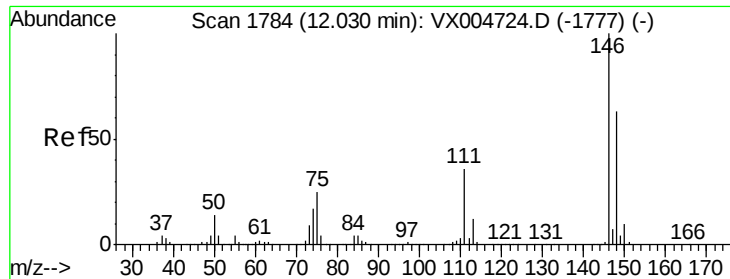
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.9 10.9 32.7





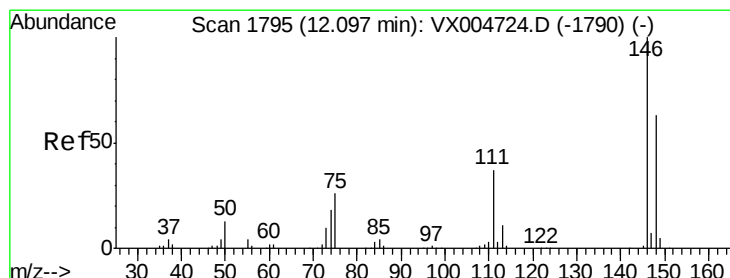
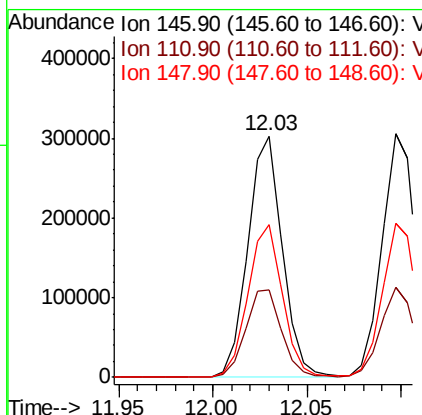
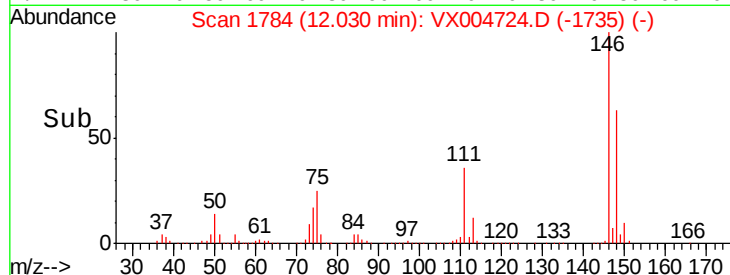
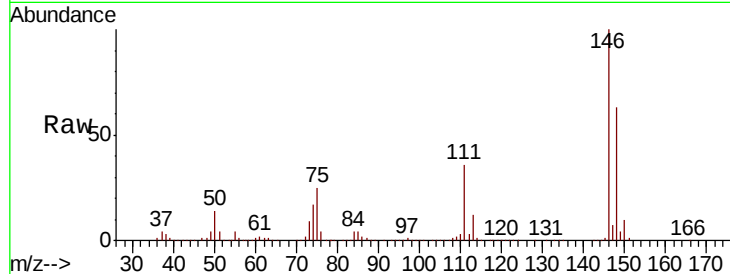
#87  
 1,3-Dichlorobenzene  
 Concen: 50.000 ug/l  
 RT: 12.03 min Scan# 1784  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 384395 |       |       |
| 111     | 37.9  |        | 18.7  | 56.1  |
| 148     | 63.5  |        | 32.1  | 96.5  |

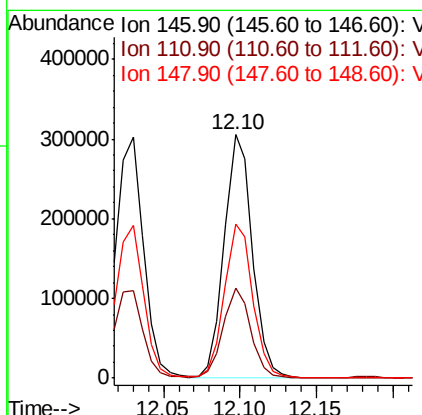
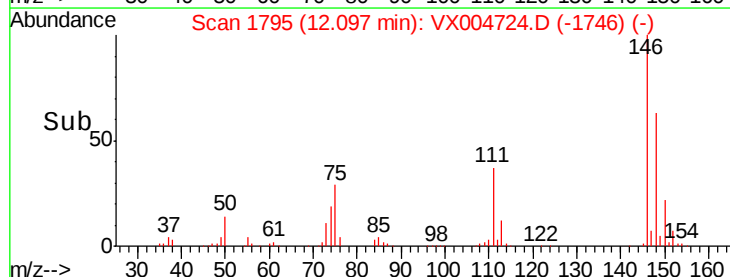
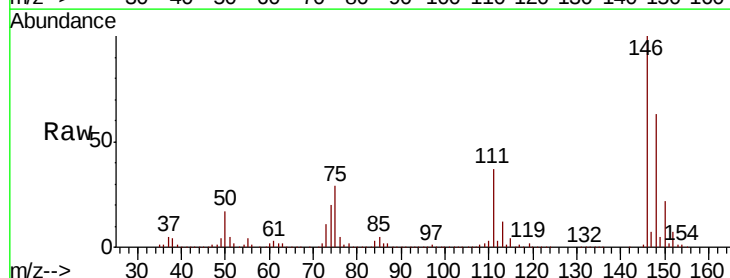
Manual Integrations  
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.000 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 390162 |       |       |
| 111     | 36.8  |        | 18.1  | 54.1  |
| 148     | 64.0  |        | 32.0  | 96.0  |





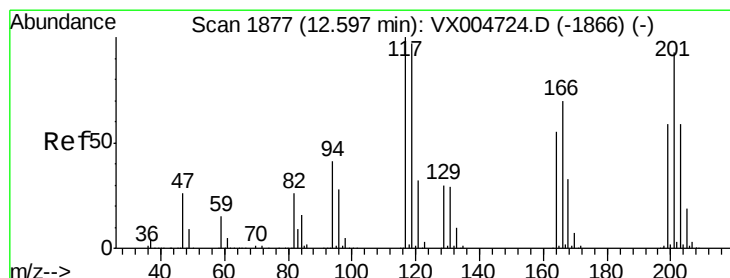
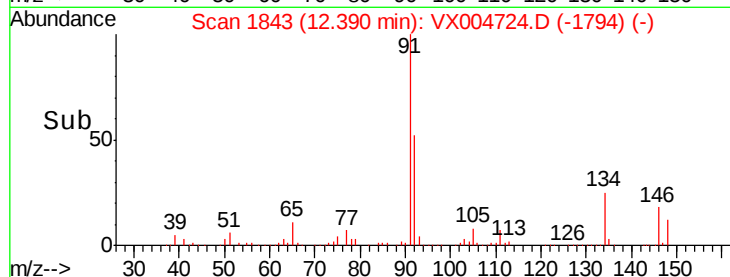
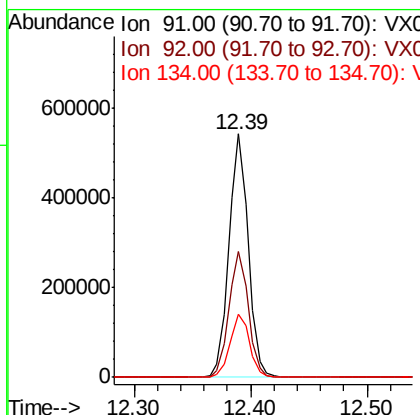
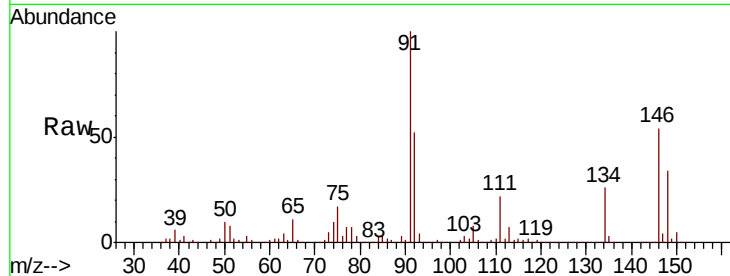
#89  
n-Butylbenzene  
Concen: 50.000 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.0  | 27.3  | 81.9  |
| 134     | 26.4  | 13.6  | 40.7  |

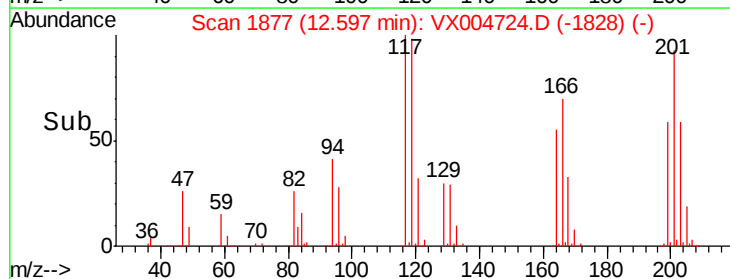
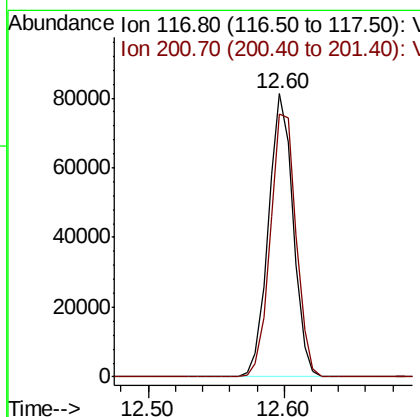
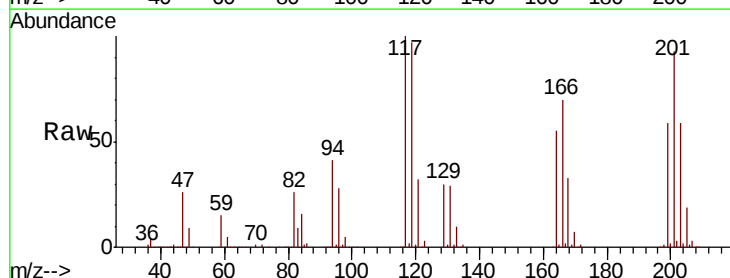
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#90  
Hexachloroethane  
Concen: 50.000 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 96.7  | 46.9  | 140.6 |





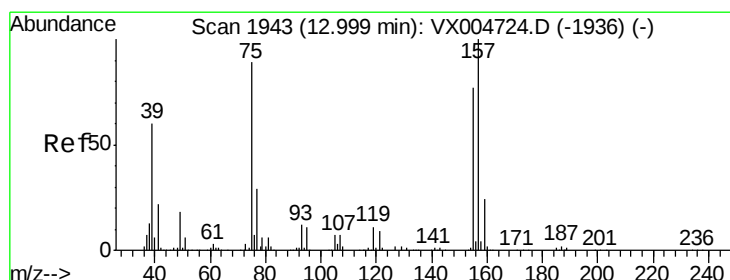
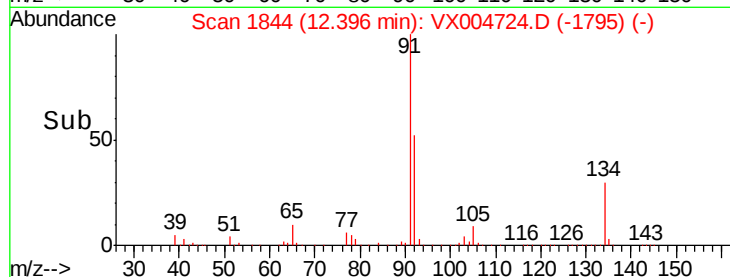
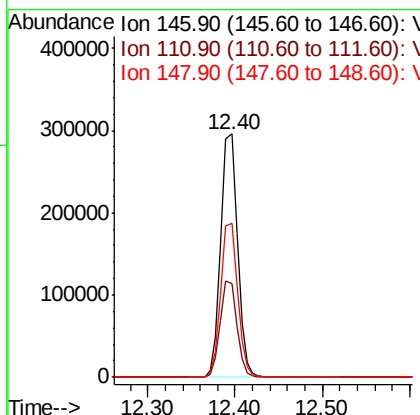
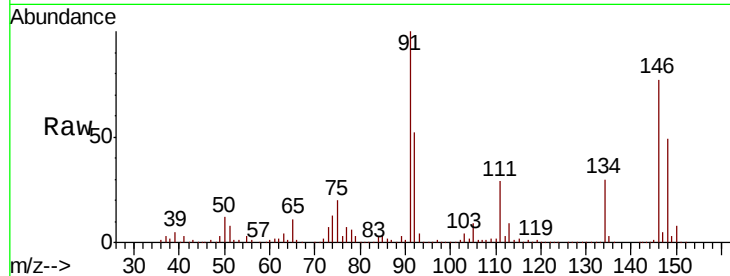
#91  
 1,2-Dichlorobenzene  
 Concen: 50.000 ug/l  
 RT: 12.40 min Scan# 1844  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.4  | 58.1  |
| 148     | 63.6  | 32.8  | 98.3  |

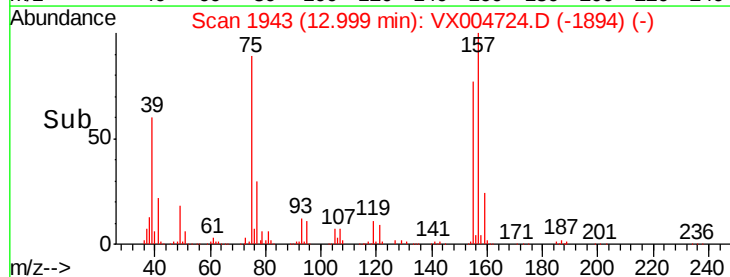
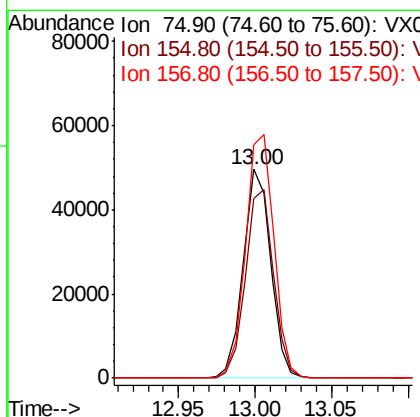
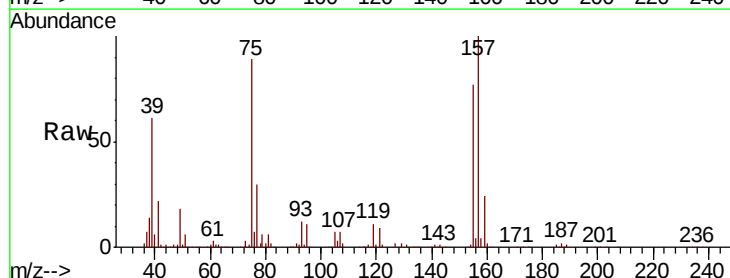
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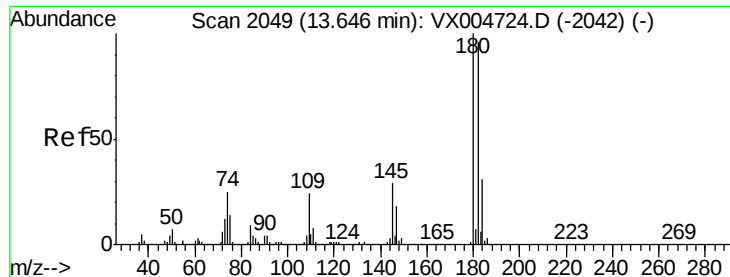
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.000 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.2  | 48.0  | 144.2 |
| 157     | 120.4 | 61.4  | 184.1 |





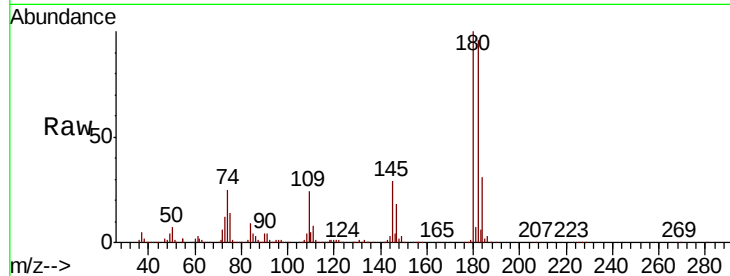
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.000 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 288560 |       |       |
| 182     | 95.6  | 48.4   | 145.0 |       |
| 145     | 28.3  | 14.3   | 42.9  |       |

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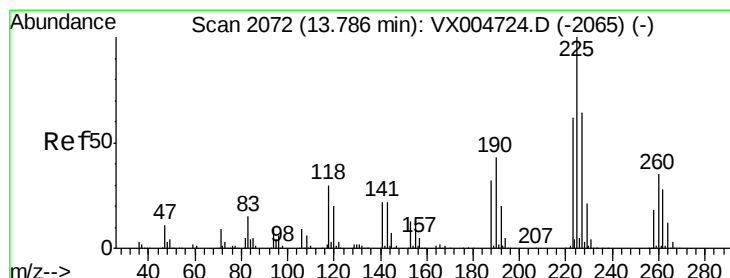
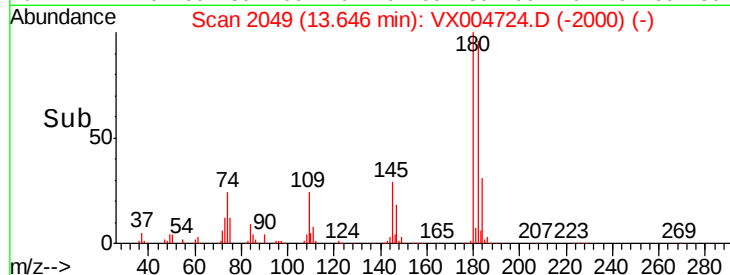
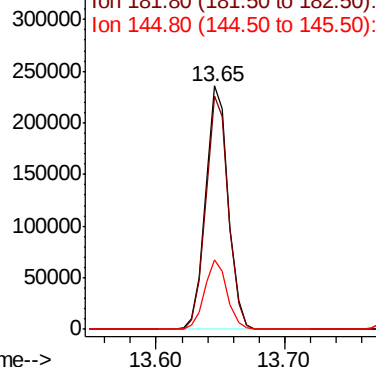


Abundance

Ion 179.80 (179.50 to 180.50): V

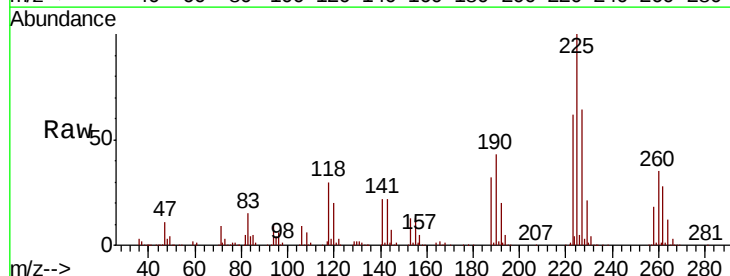
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 50.000 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. 0.00 min  
 Lab File: VX004724.D  
 Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 138487 |       |       |
| 223     | 62.5  | 30.1   | 90.5  |       |
| 227     | 63.7  | 30.8   | 92.4  |       |

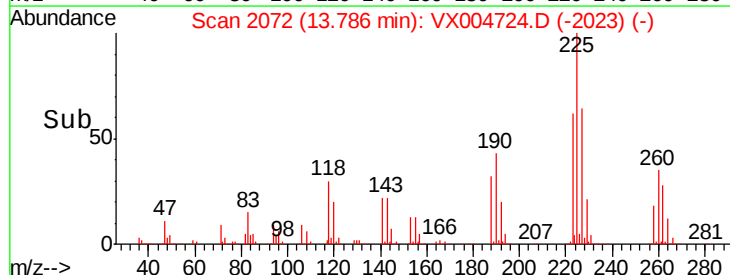
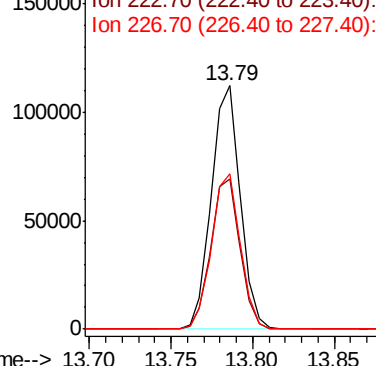


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





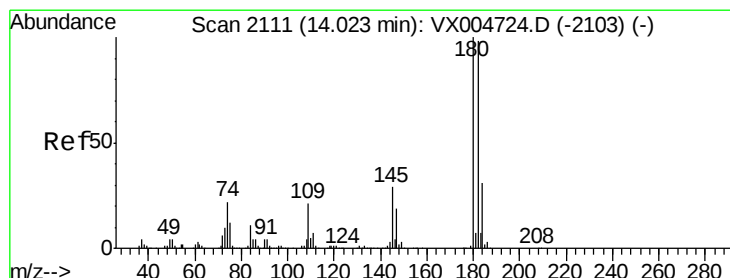
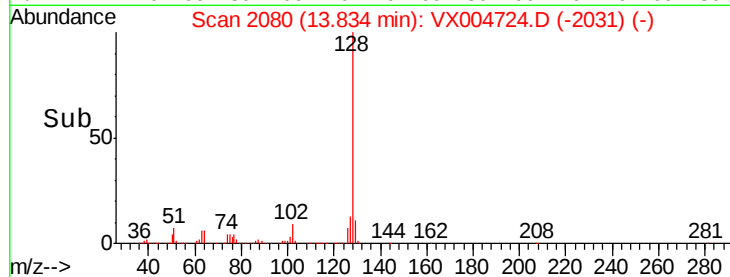
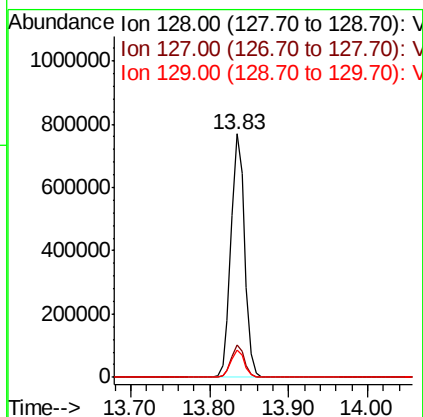
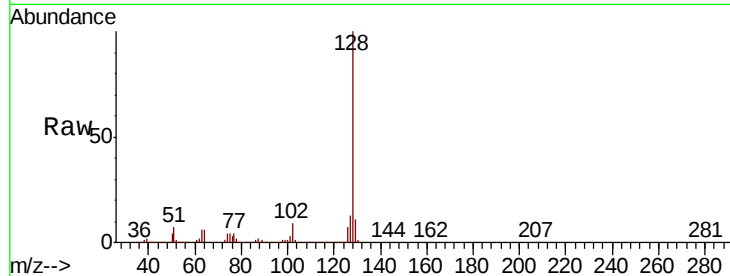
#95  
Naphthalene  
Concen: 50.000 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 925561 |       |       |
| 127     | 13.0  |        | 10.2  | 15.2  |
| 129     | 10.9  |        | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.000 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: VX004724.D  
Acq: 26 Sep 2018 12:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 297344 |       |       |
| 182     | 95.9  |        | 48.5  | 145.6 |
| 145     | 30.0  |        | 14.9  | 44.9  |

