

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081418\  
 Data File : VX004027.D  
 Acq On : 14 Aug 2018 12:54  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: Aug 24 06:38:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 14 13:27:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 317934   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 478781   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 463038   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 304990   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |      |
|-----------------------------|--------|-----|----------|--------|---------|------|
| System Monitoring Compounds |        |     |          |        |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 647754   | 144.60 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 289.20% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 524335   | 146.33 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 292.66% |      |
| 50) Toluene-d8              | 8.72   | 98  | 2138300  | 147.18 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 294.36% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 846901   | 160.72 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 321.44% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 463504  | 149.764 | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 559558  | 147.332 | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 601205  | 146.305 | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 315144  | 151.701 | ug/l | 100    |
| 6) Chloroethane               | 1.70 | 64  | 390305  | 147.883 | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 816217  | 141.595 | ug/l | 100    |
| 8) Diethyl Ether              | 2.18 | 74  | 366781  | 145.746 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 503975  | 140.144 | ug/l | 100    |
| 10) Methyl Iodide             | 2.51 | 142 | 628636  | 152.282 | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 681975  | 756.015 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 489419  | 146.331 | ug/l | 95     |
| 13) Acrolein                  | 2.29 | 56  | 476450  | 755.344 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 923896  | 145.175 | ug/l | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 1650994 | 734.066 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 1618658 | 695.000 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 1422886 | 149.989 | ug/l | 100    |
| 18) Methyl Acetate            | 2.77 | 43  | 743519  | 143.659 | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 1738654 | 147.546 | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 568865  | 150.661 | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 541195  | 142.477 | ug/l | 98     |
| 22) Diisopropyl ether         | 3.87 | 45  | 1832998 | 146.988 | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 7755621 | 757.202 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 1006901 | 142.552 | ug/l | 100    |
| 25) 2-Butanone                | 4.70 | 43  | 2749497 | 725.565 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 788940  | 140.490 | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 612641  | 143.430 | ug/l | 99     |
| 28) Bromochloromethane        | 5.03 | 49  | 450740  | 139.088 | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 1408006 | 727.247 | ug/l | 98     |
| 30) Chloroform                | 5.22 | 83  | 979268  | 142.054 | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 891899  | 144.037 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 853423  | 148.149 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 785266  | 144.135 | ug/l | 100    |
| 37) Ethyl Acetate             | 4.85 | 43  | 849613  | 143.202 | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 776361  | 146.669 | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX081418\  
 Data File : VX004027.D  
 Acq On : 14 Aug 2018 12:54  
 Operator : JC/MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Quant Time: Aug 24 06:38:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 14 13:27:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 962078   | 155.656  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 2353495  | 143.861  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 480434   | 144.589  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 797276   | 139.224  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.47  | 43   | 1368261  | 156.460  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 636771   | 143.376  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 604707   | 144.390  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 395858   | 144.638  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 791814   | 152.757  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 716552   | 162.770  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 316602   | 3194.351 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 5644636  | 787.195  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 1523899  | 147.288  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 947878   | 169.271  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 994074   | 160.297  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 613590   | 143.610  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 1021119  | 175.749  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 1044719  | 147.374  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 2489524  | 841.475  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.51  | 43   | 4354437  | 806.880  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.59  | 129  | 663911   | 161.470  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 654674   | 150.306  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 607115   | 138.339  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.14 | 112  | 1713665  | 143.273  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 619271   | 151.803  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 2802626  | 147.973  | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.36 | 106  | 2279222  | 307.304  | ug/l   | 93       |
| 69) o-Xylene                   | 10.70 | 106  | 1137816  | 160.524  | ug/l   | 95       |
| 70) Styrene                    | 10.71 | 104  | 1976716  | 165.708  | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 564512   | 174.507  | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 3034637  | 147.031  | ug/l   | 96       |
| 74) N-amyl acetate             | 6.47  | 43   | 1368261  | 140.944  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 1021471  | 141.720  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 1217942  | 199.129  | ug/l   | 84       |
| 77) Bromobenzene               | 11.26 | 156  | 820702   | 144.246  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 3426383  | 148.343  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 2041535  | 145.037  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 2600121  | 153.854  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 345567   | 174.895  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 2500225  | 150.266  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 2637179  | 154.770  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 2671048  | 152.603  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 3073685  | 154.123  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 2821825  | 156.295  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 1535928  | 141.542  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 1559589  | 139.645  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 2256212  | 158.591  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 430326   | 159.297  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 1437750  | 146.913  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 198782   | 156.921  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081418\  
Data File : VX004027.D  
Acq On : 14 Aug 2018 12:54  
Operator : JC/MD  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

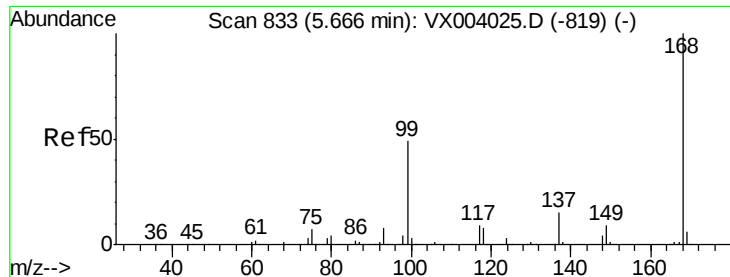
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 24 06:38:02 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 14 13:27:25 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 1115430  | 166.737 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 482352   | 143.841 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 3257322  | 150.398 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 1152914  | 158.049 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

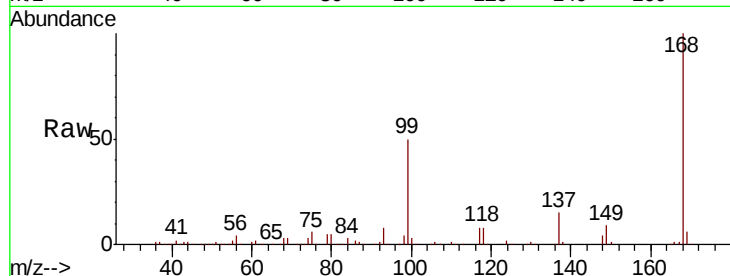
VSTDIC150

Tgt Ion:168 Resp: 317934

Ion Ratio Lower Upper

168 100

99 50.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

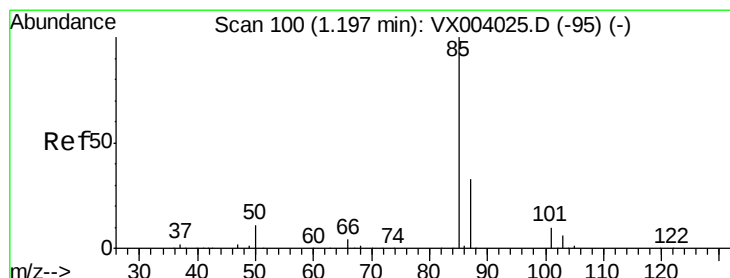
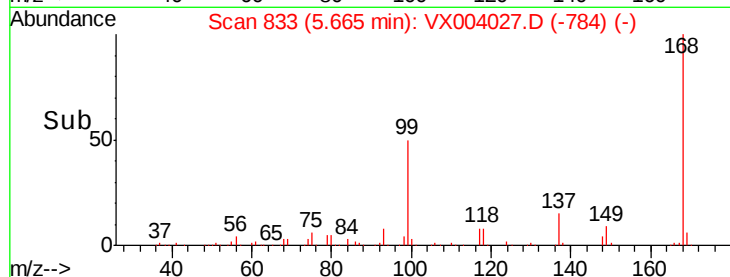
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 149.764 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004027.D

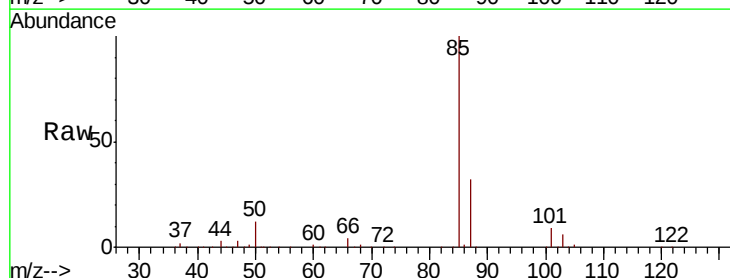
Acq: 14 Aug 2018 12:54

Tgt Ion: 85 Resp: 463504

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

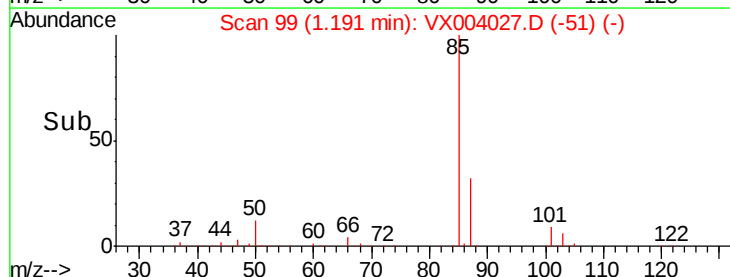
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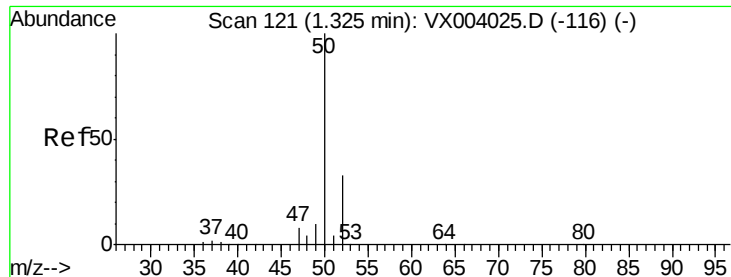
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0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 147.332 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampled :

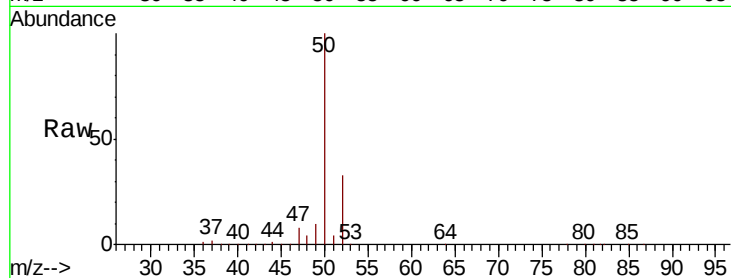
VSTDIC150

Tgt Ion: 50 Resp: 559558

Ion Ratio Lower Upper

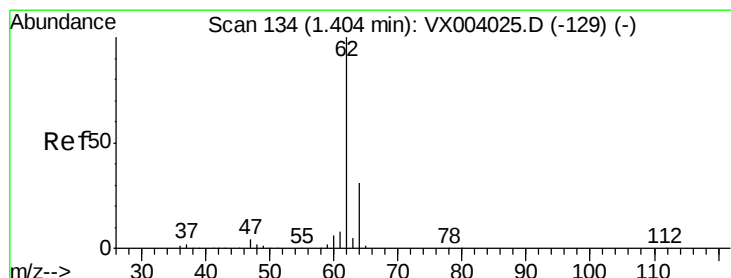
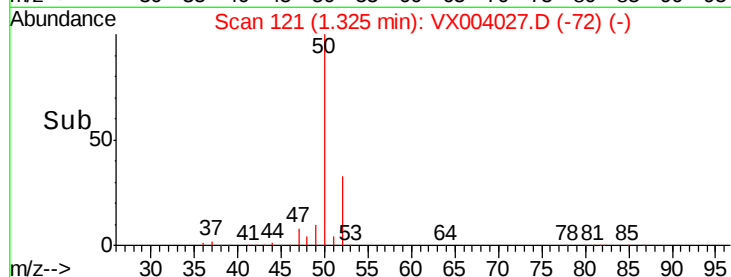
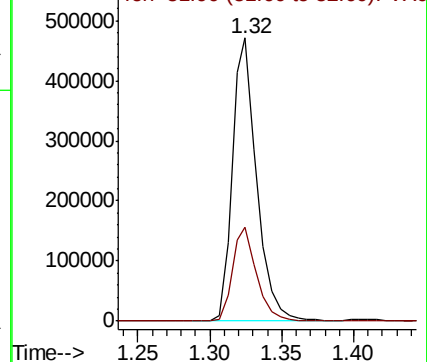
50 100

52 33.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 146.305 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004027.D

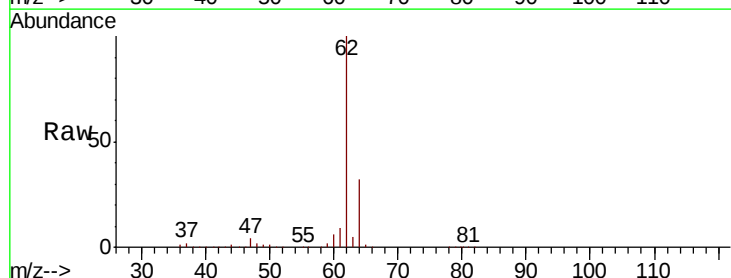
Acq: 14 Aug 2018 12:54

Tgt Ion: 62 Resp: 601205

Ion Ratio Lower Upper

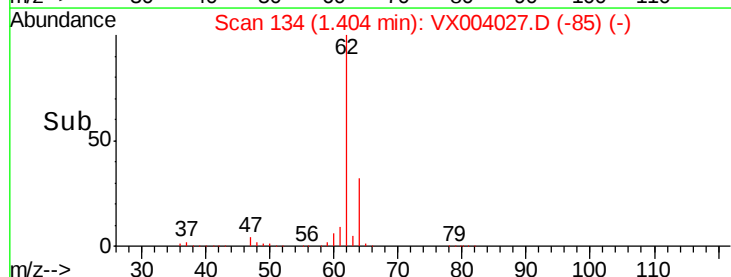
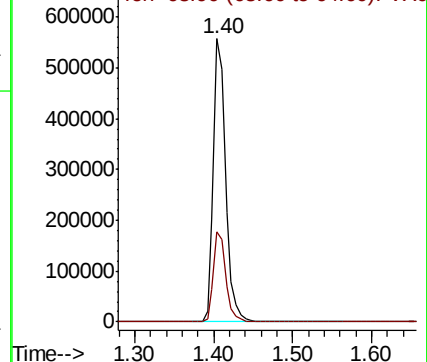
62 100

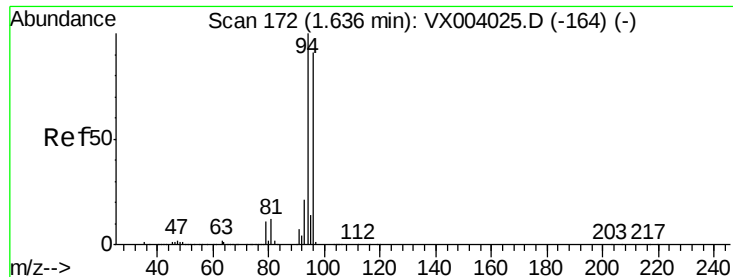
64 31.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 151.701 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

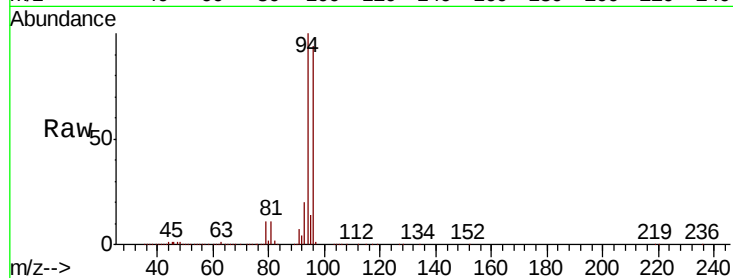
VSTDICC150

Tgt Ion: 94 Resp: 315144

Ion Ratio Lower Upper

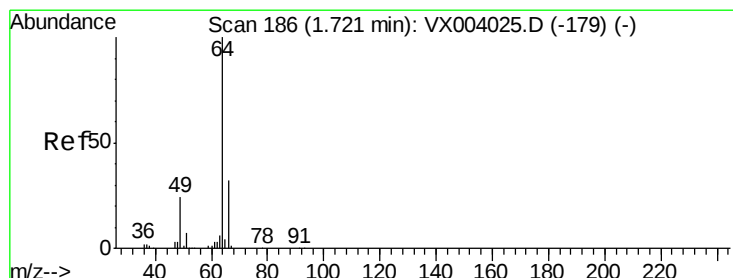
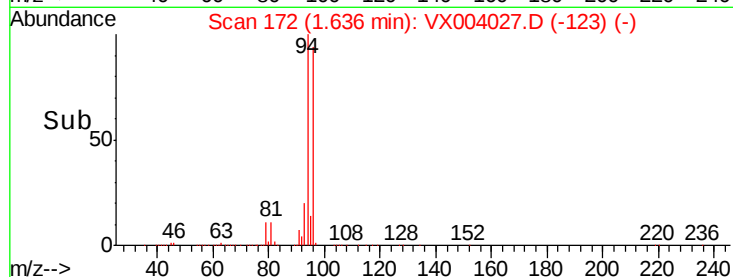
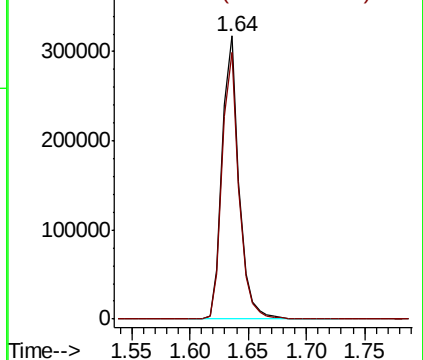
94 100

96 94.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 147.883 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX004027.D

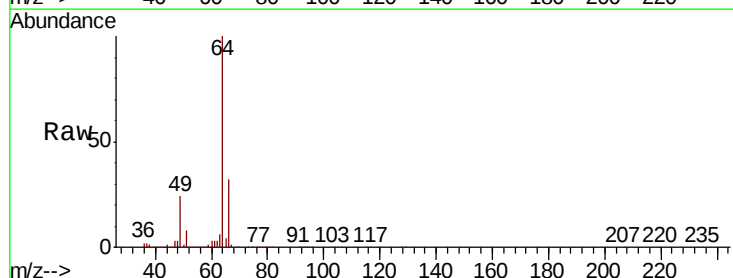
Acq: 14 Aug 2018 12:54

Tgt Ion: 64 Resp: 390305

Ion Ratio Lower Upper

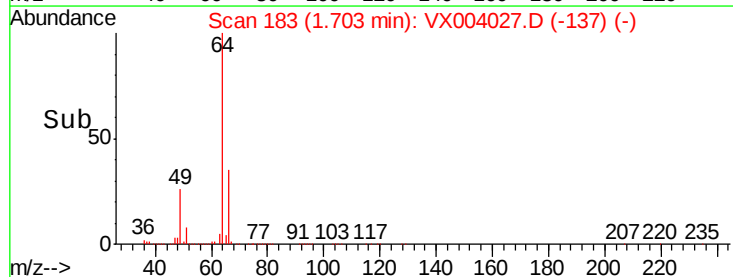
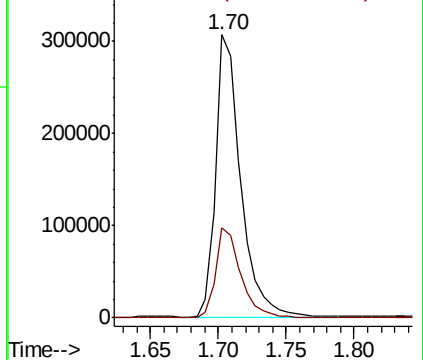
64 100

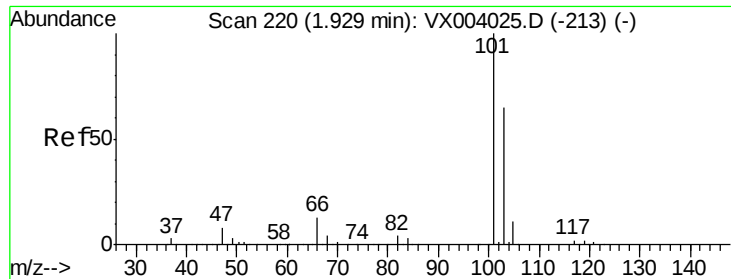
66 32.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



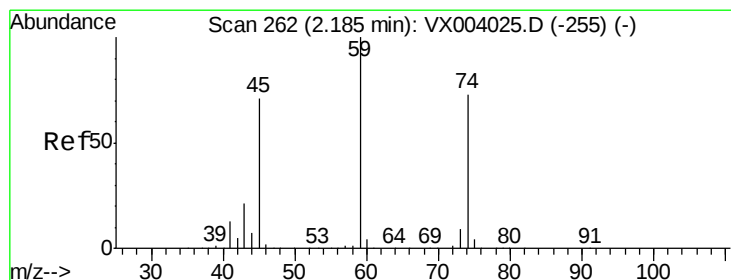
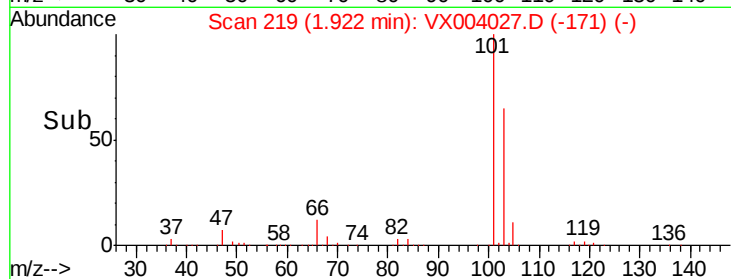
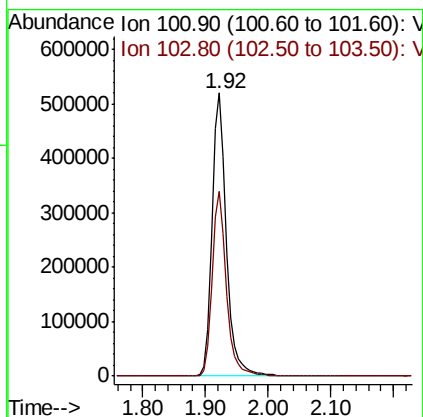
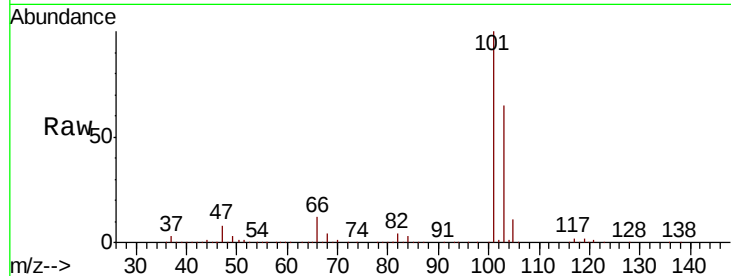


#7

Trichlorofluoromethane  
 Concen: 141.595 ug/l  
 RT: 1.92 min Scan# 219  
 Delta R.T. -0.01 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

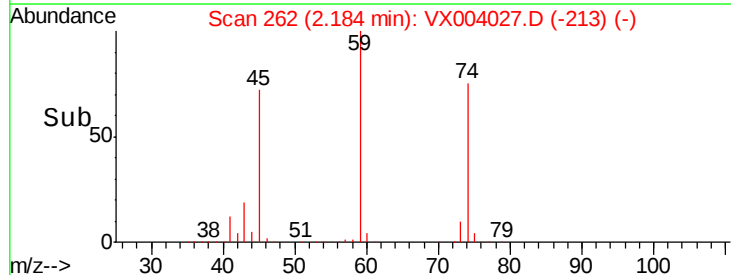
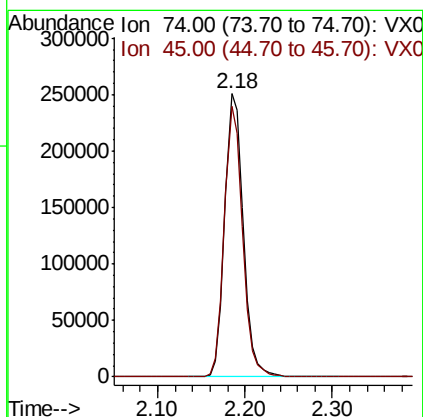
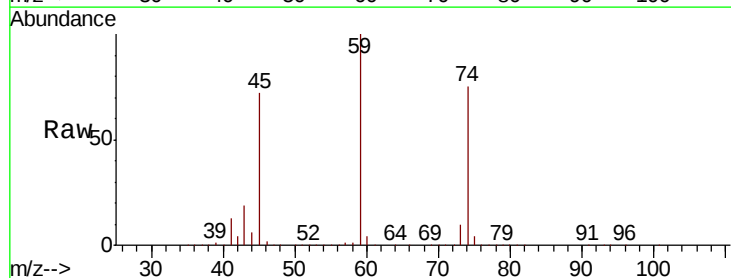
Tgt Ion: 101 Resp: 816217  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 52.3 78.5

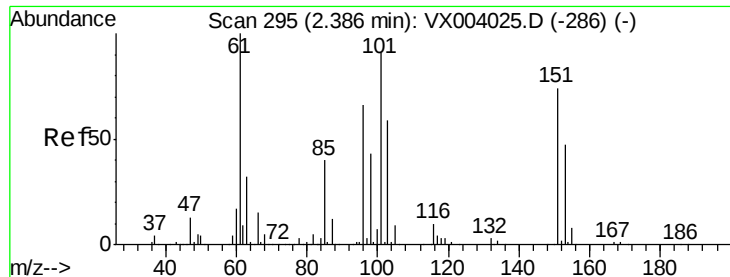


#8

Diethyl Ether  
 Concen: 145.746 ug/l  
 RT: 2.18 min Scan# 262  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion: 74 Resp: 366781  
 Ion Ratio Lower Upper  
 74 100  
 45 94.8 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.144 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

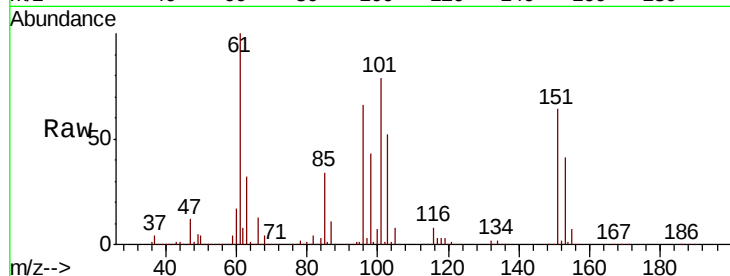
Tgt Ion:101 Resp: 503975

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

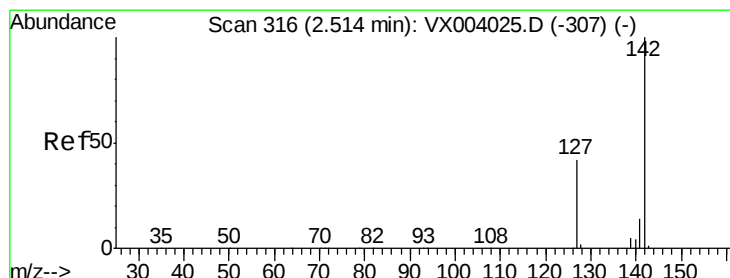
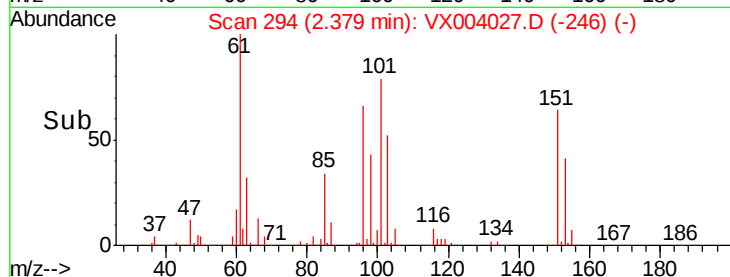
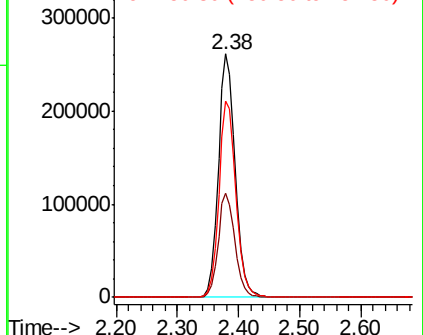
151 81.5 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 152.282 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

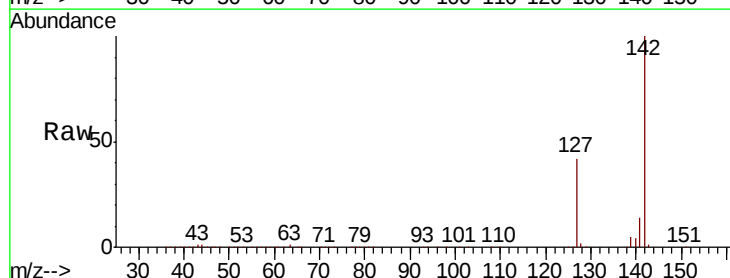
Tgt Ion:142 Resp: 628636

Ion Ratio Lower Upper

142 100

127 41.2 33.1 49.7

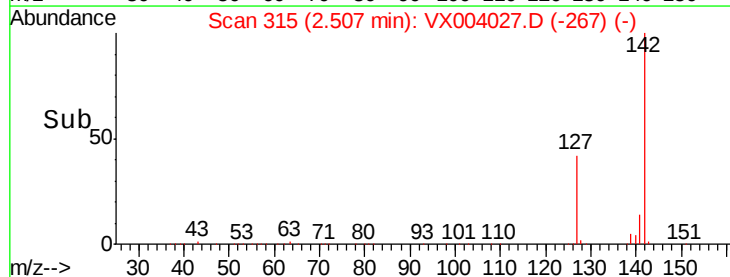
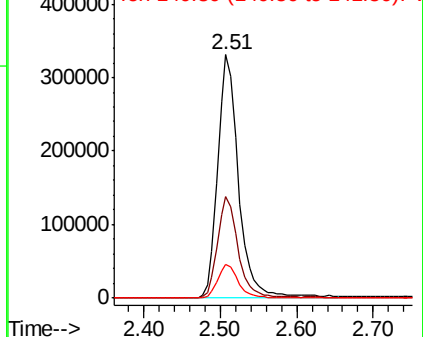
141 13.9 11.1 16.7

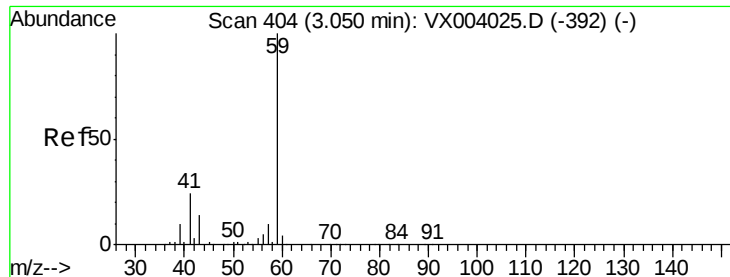


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

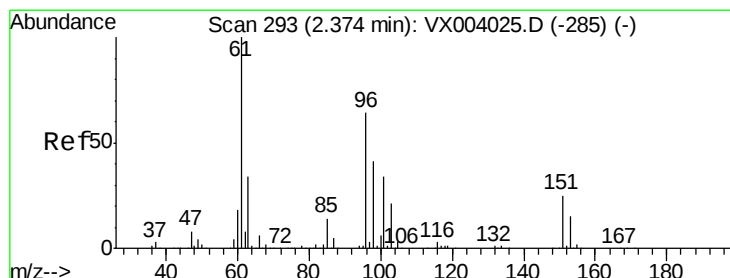
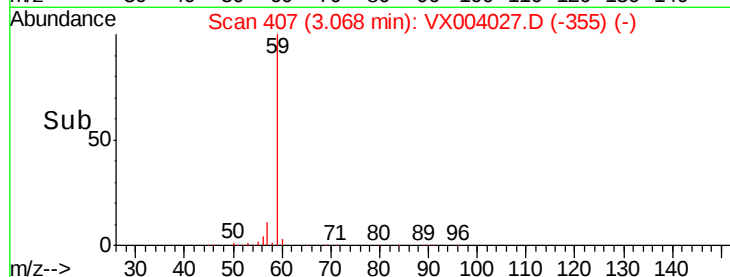
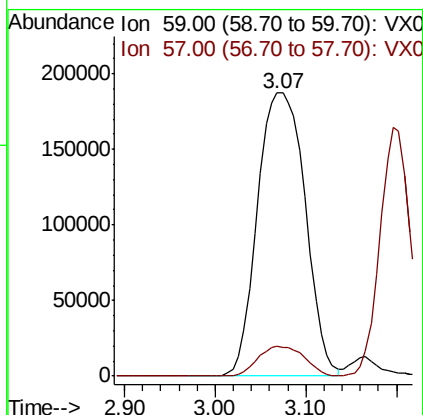
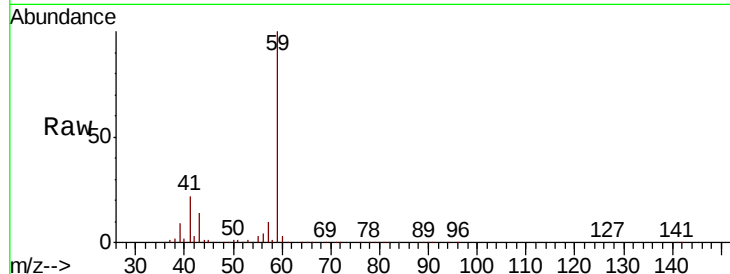




#11  
Tert butyl alcohol  
Concen: 756.015 ug/l  
RT: 3.07 min Scan# 407  
Delta R.T. 0.02 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

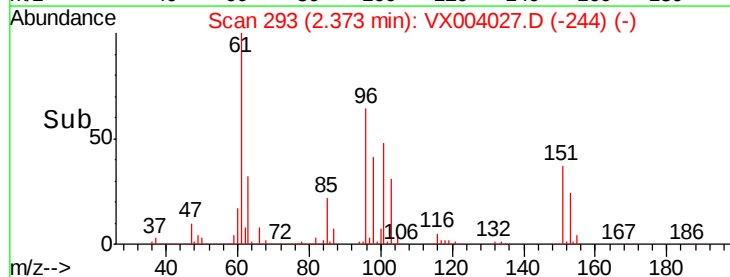
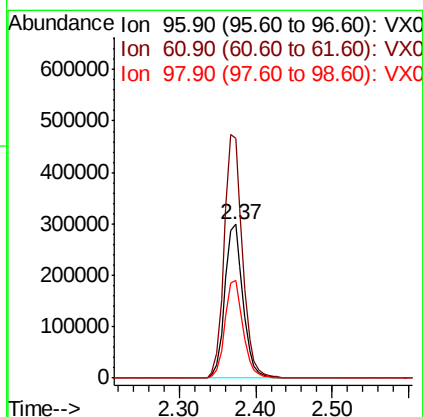
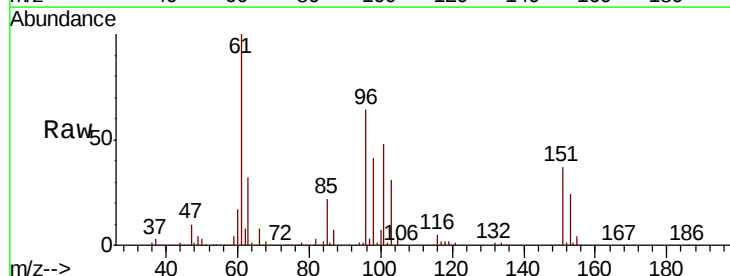
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

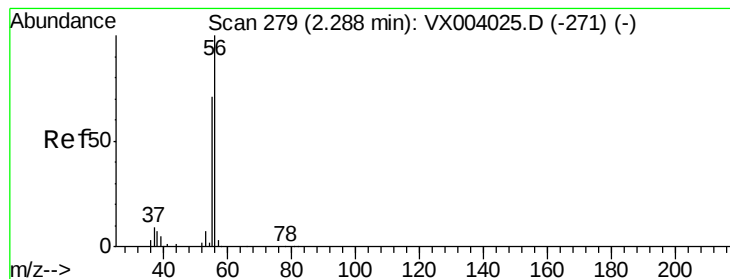
Tgt Ion: 59 Resp: 681975  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 146.331 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 96 Resp: 489419  
Ion Ratio Lower Upper  
96 100  
61 155.7 131.3 196.9  
98 63.4 51.8 77.6





#13

Acrolein

Concen: 755.344 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

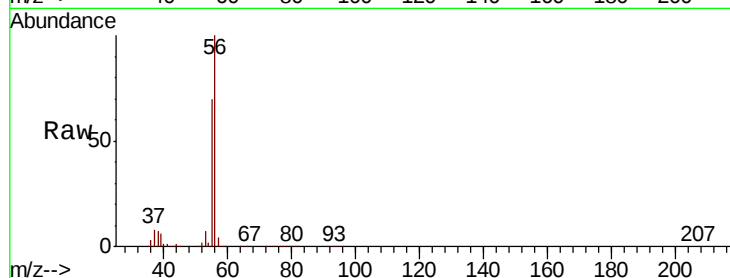
VSTDIC150

Tgt Ion: 56 Resp: 476450

Ion Ratio Lower Upper

56 100

55 70.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

300000

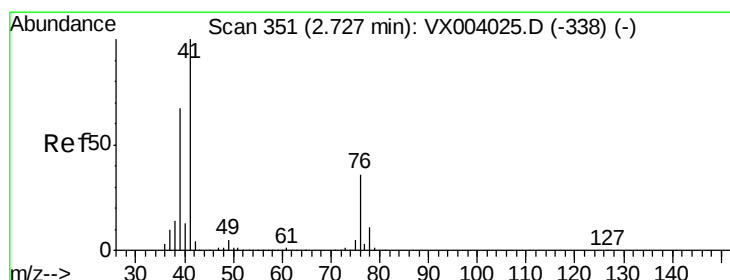
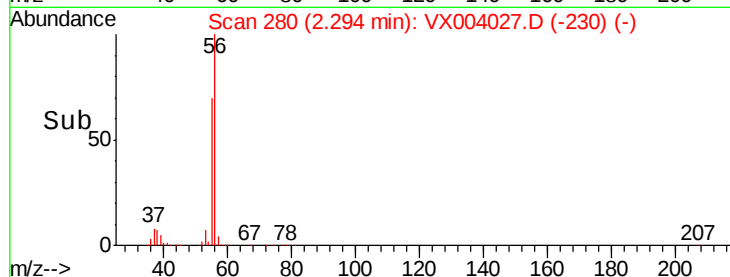
200000

100000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 145.175 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

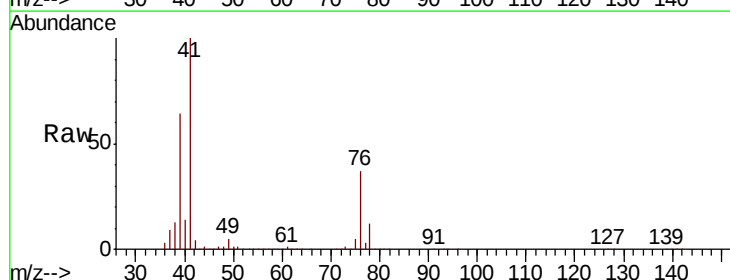
Tgt Ion: 41 Resp: 923896

Ion Ratio Lower Upper

41 100

39 61.7 47.4 71.0

76 34.2 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

600000

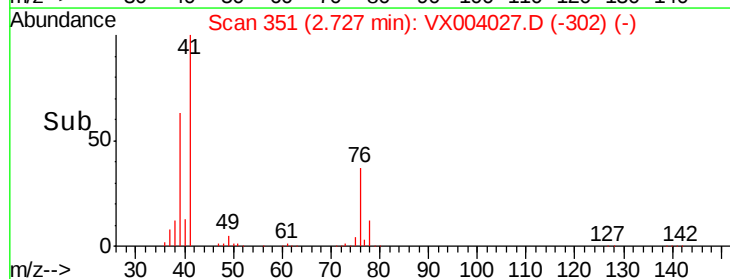
400000

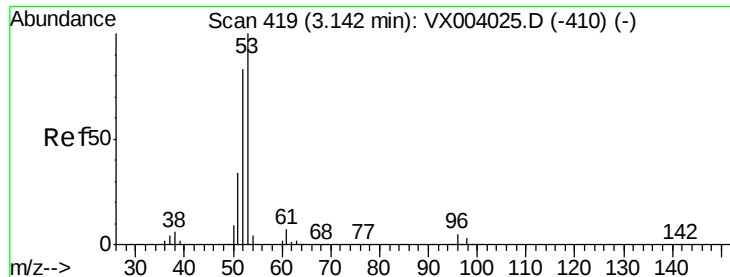
200000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 734.066 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

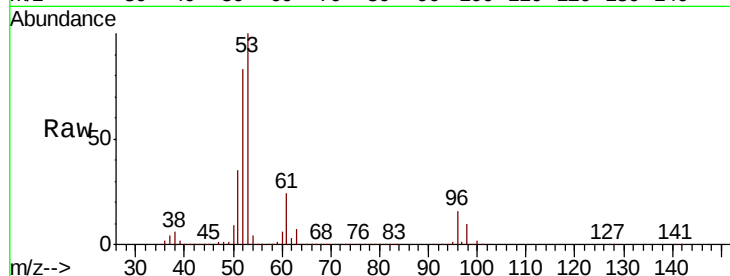
Tgt Ion: 53 Resp: 1650994

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

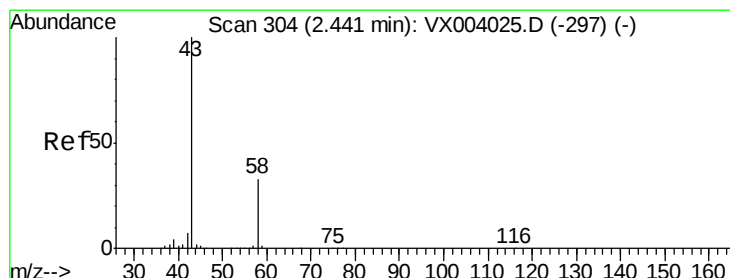
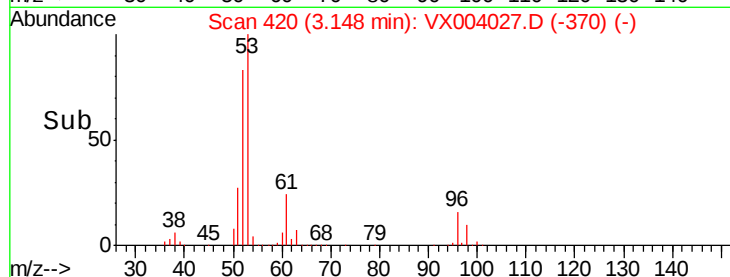
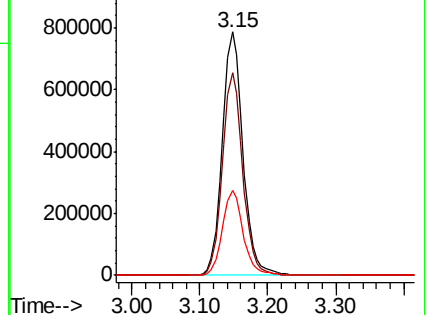
51 35.2 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 695.000 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004027.D

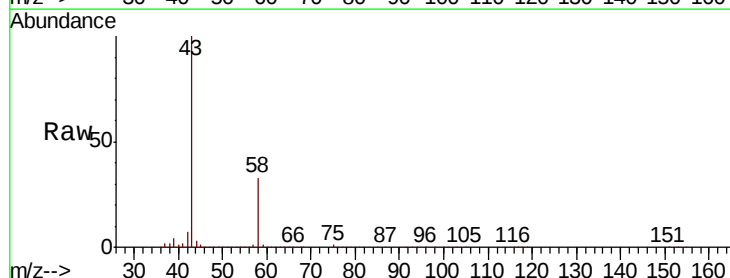
Acq: 14 Aug 2018 12:54

Tgt Ion: 43 Resp: 1618658

Ion Ratio Lower Upper

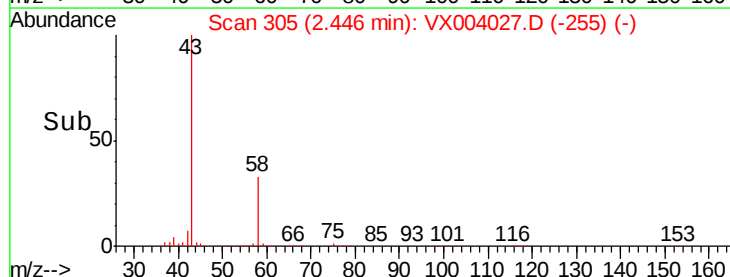
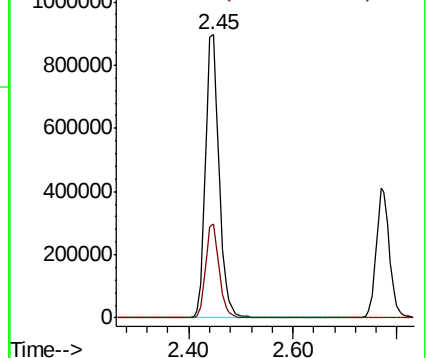
43 100

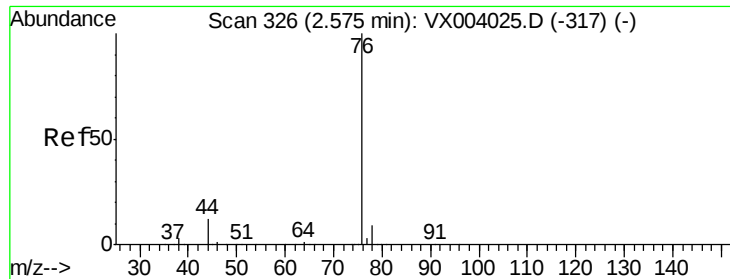
58 33.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

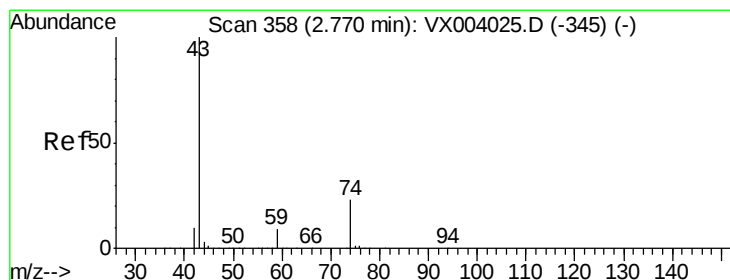
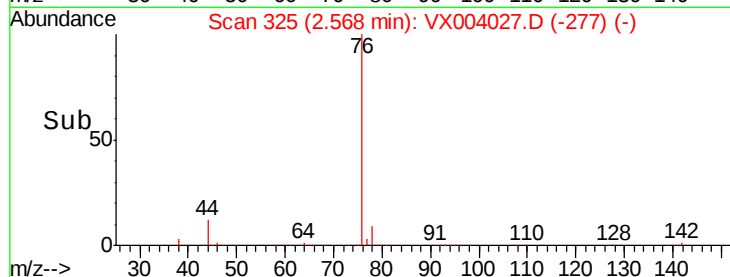
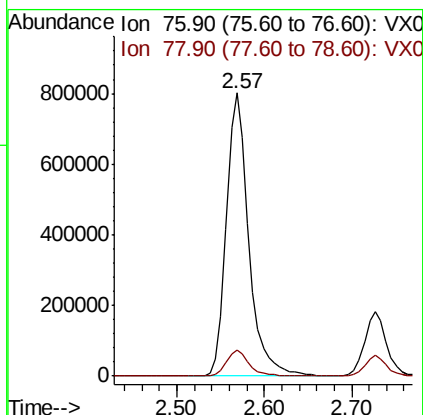
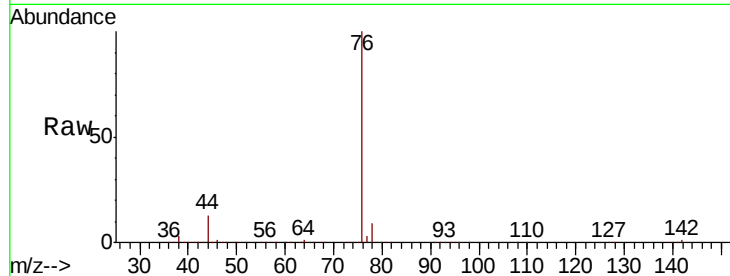




#17  
Carbon Disulfide  
Concen: 149.989 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.01 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

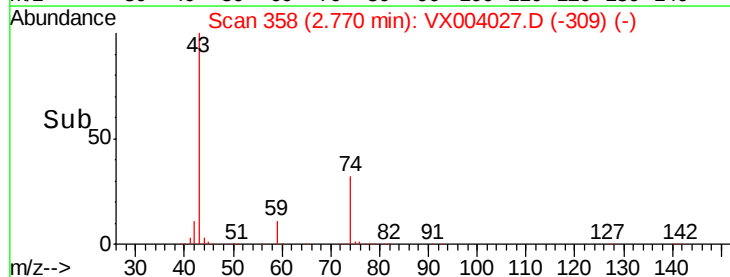
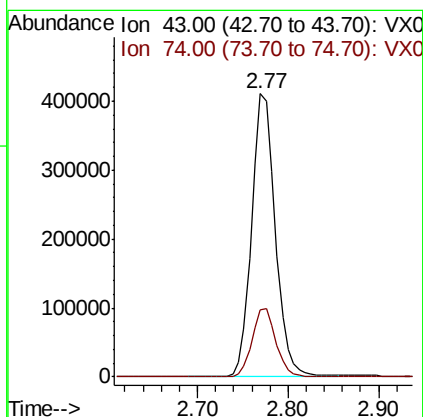
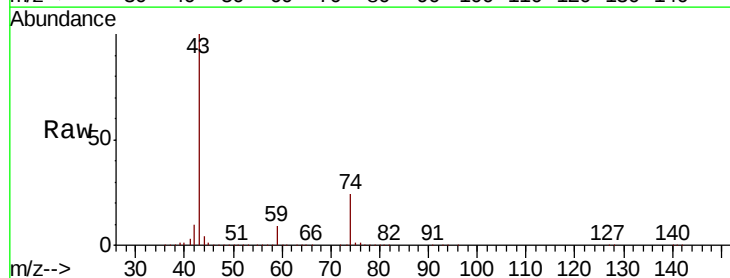
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

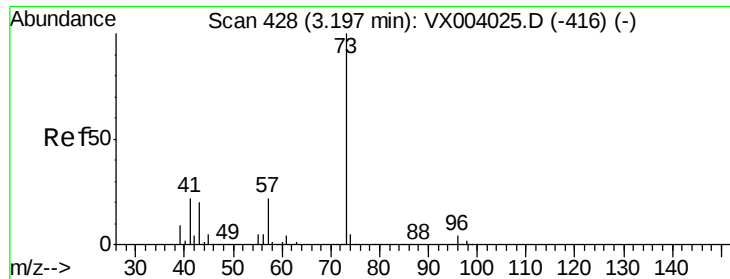
Tgt Ion: 76 Resp: 1422886  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.5 11.3



#18  
Methyl Acetate  
Concen: 143.659 ug/l  
RT: 2.77 min Scan# 358  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 43 Resp: 743519  
Ion Ratio Lower Upper  
43 100  
74 24.6 18.9 28.3

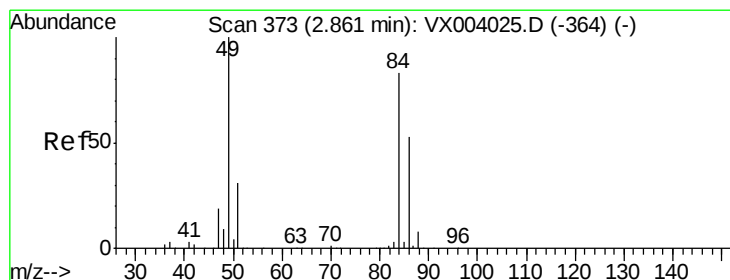
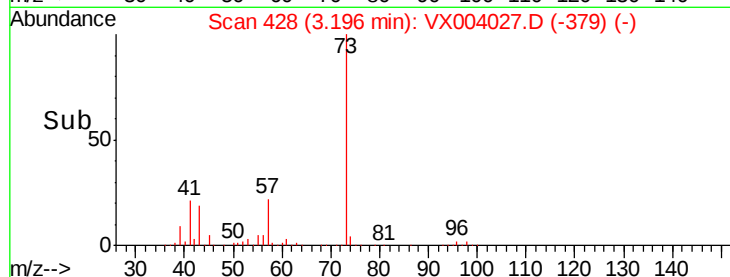
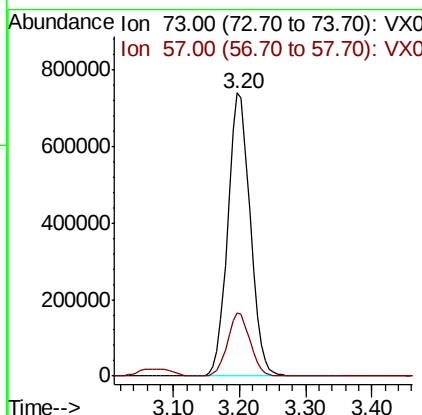
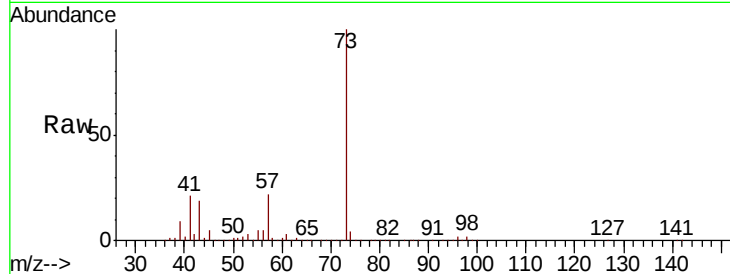




#19  
Methyl tert-butyl Ether  
Concen: 147.546 ug/l  
RT: 3.20 min Scan# 428  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

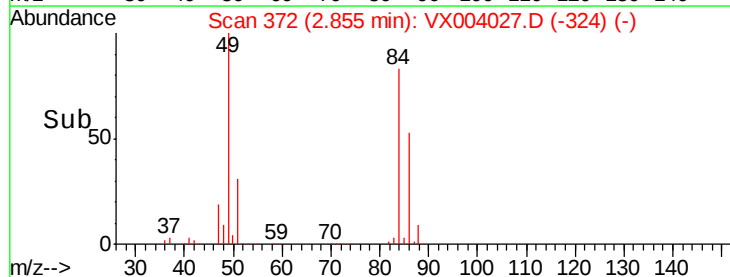
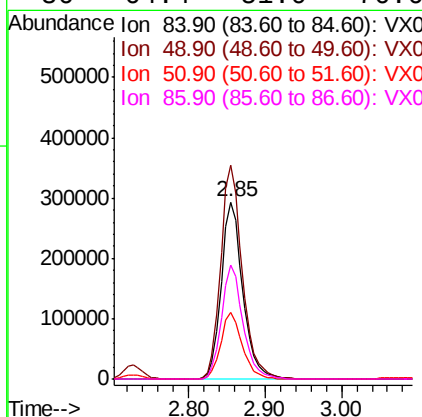
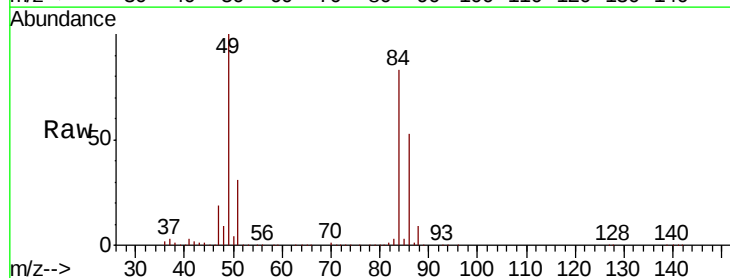
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

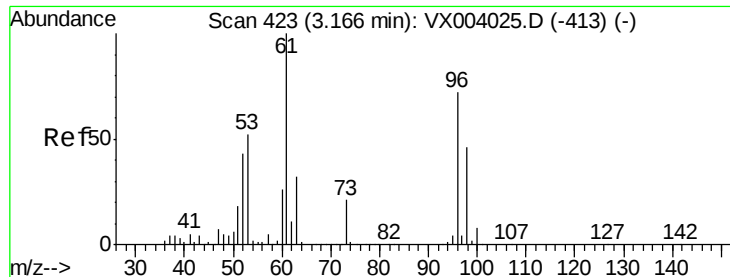
Tgt Ion: 73 Resp: 1738654  
Ion Ratio Lower Upper  
73 100  
57 22.2 18.0 27.0



#20  
Methylene Chloride  
Concen: 150.661 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. -0.01 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 84 Resp: 568865  
Ion Ratio Lower Upper  
84 100  
49 120.9 98.9 148.3  
51 37.7 29.9 44.9  
86 64.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 142.477 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

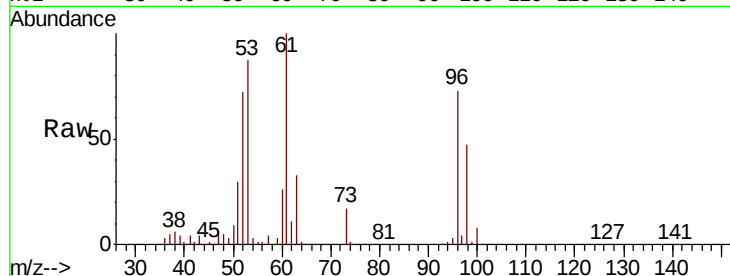
Tgt Ion: 96 Resp: 541195

Ion Ratio Lower Upper

96 100

61 136.6 111.8 167.6

98 64.2 51.8 77.6

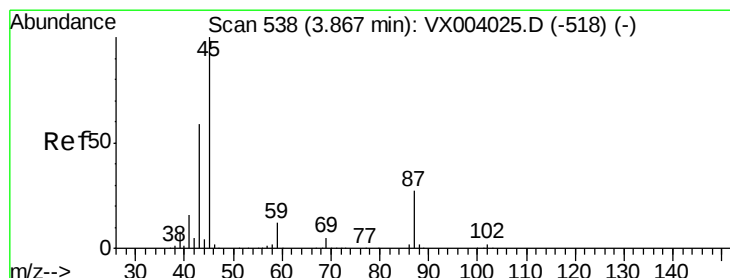
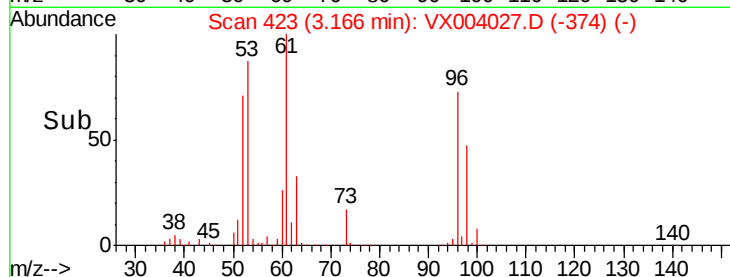
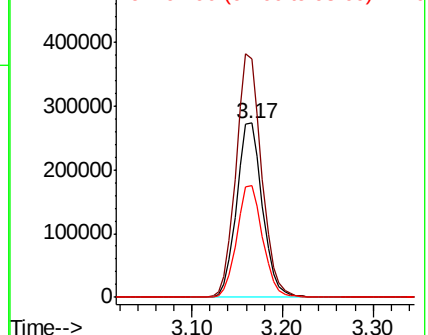


Abundance

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: 146.988 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Tgt Ion: 45 Resp: 1832998

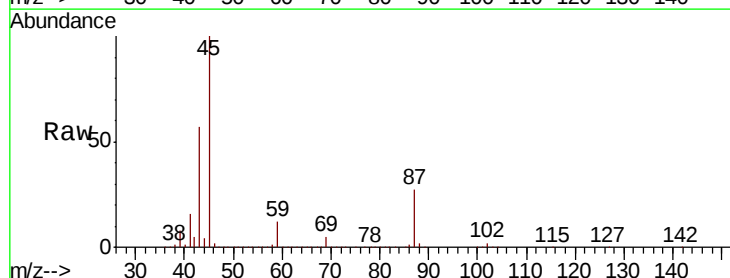
Ion Ratio Lower Upper

45 100

43 57.3 45.3 67.9

87 27.4 22.7 34.1

59 11.9 9.6 14.4



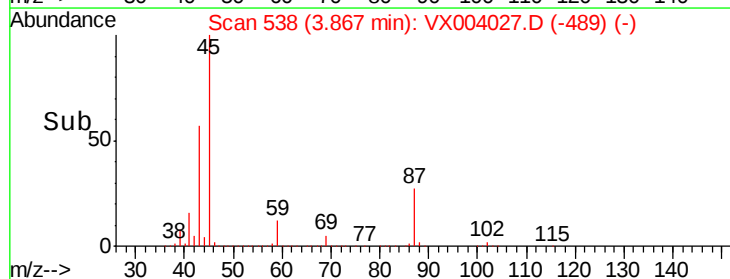
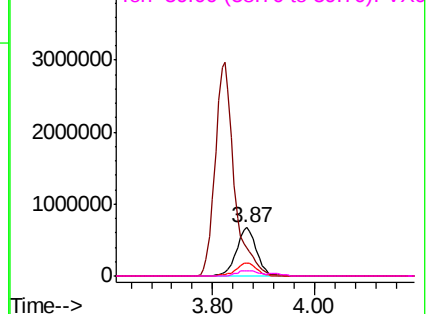
Abundance

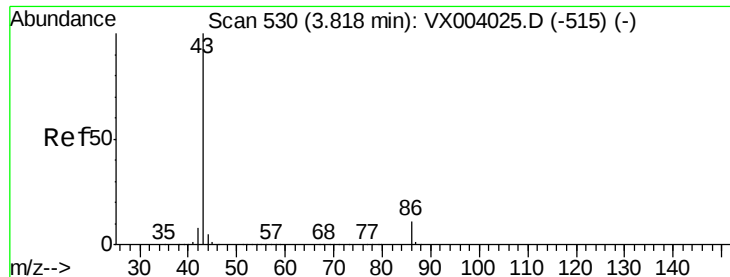
Ion 45.00 (44.70 to 45.70): VX0

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: 757.202 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

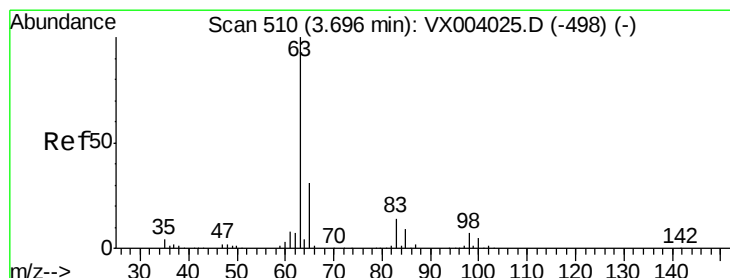
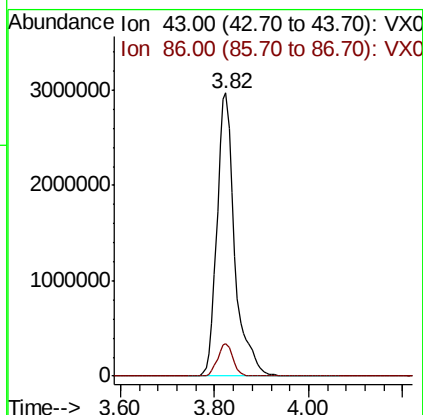
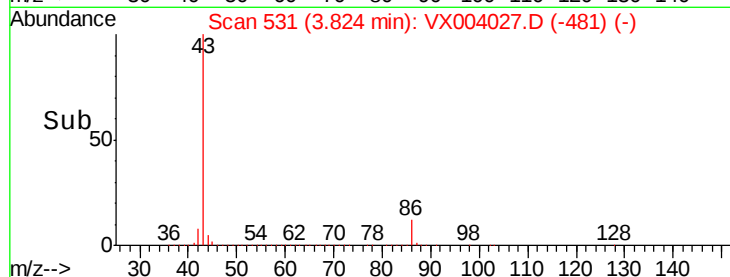
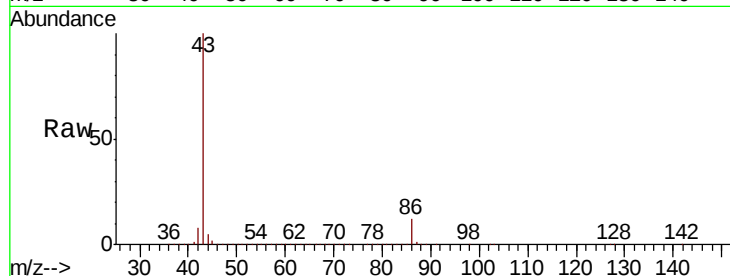
VSTDIC150

Tgt Ion: 43 Resp: 7755621

Ion Ratio Lower Upper

43 100

86 11.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 142.552 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

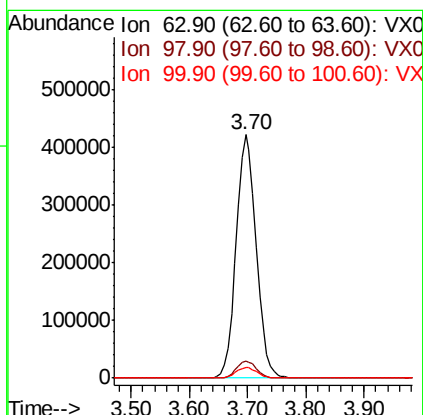
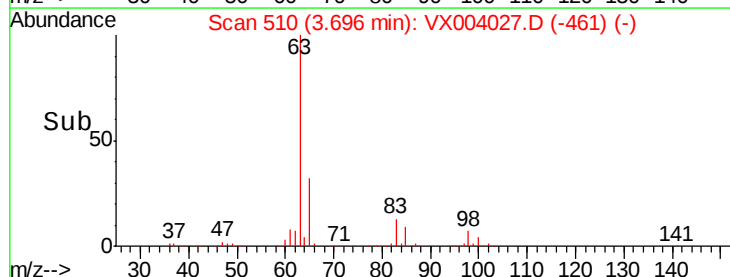
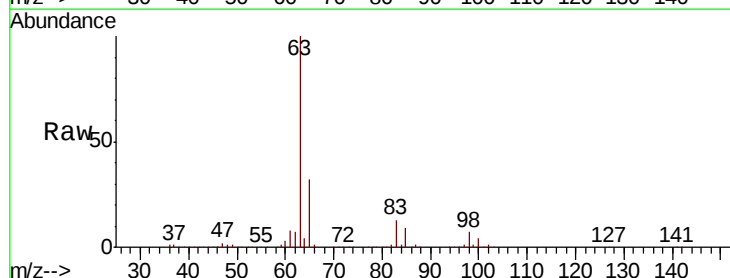
Tgt Ion: 63 Resp: 1006901

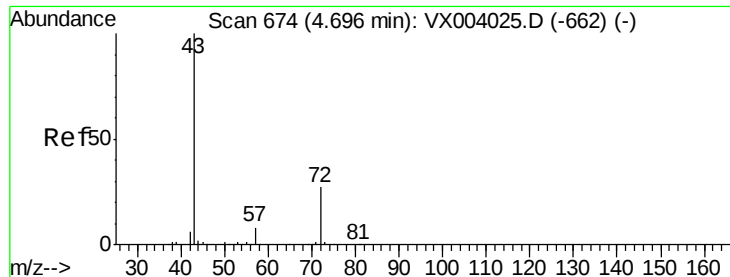
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 725.565 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

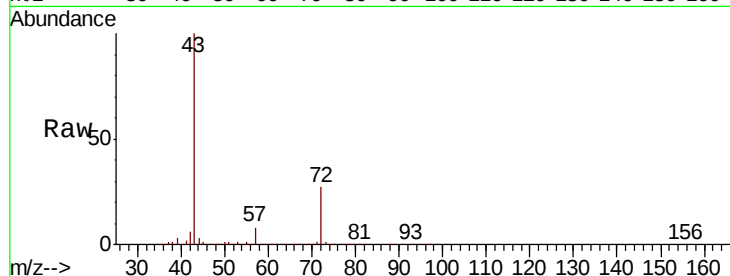
VSTDIC150

Tgt Ion: 43 Resp: 2749497

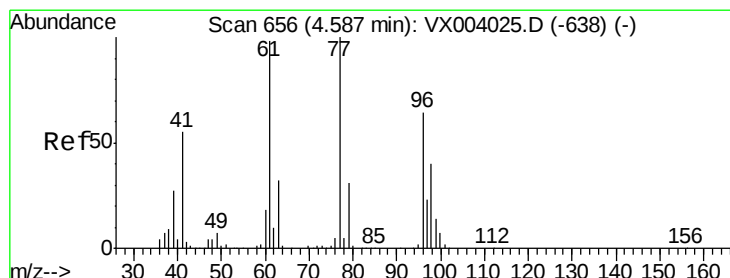
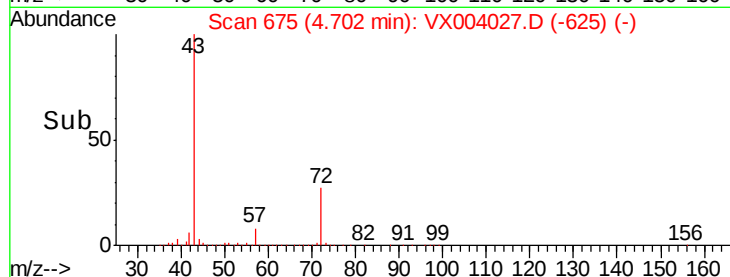
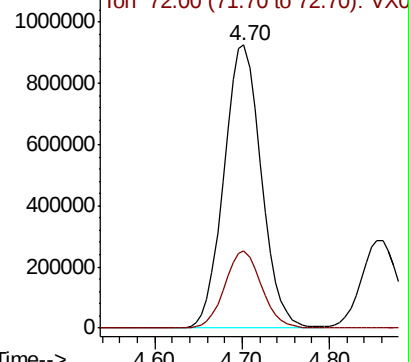
Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 140.490 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004027.D

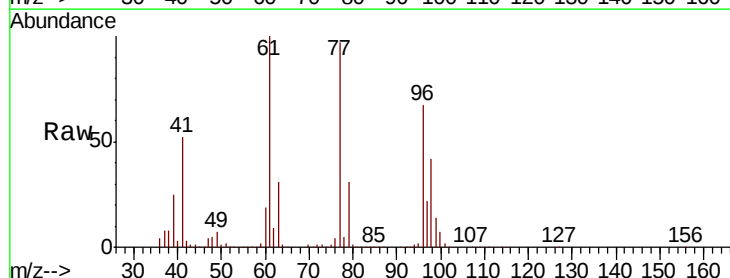
Acq: 14 Aug 2018 12:54

Tgt Ion: 77 Resp: 788940

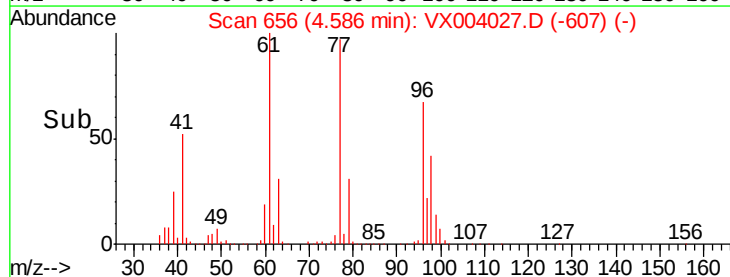
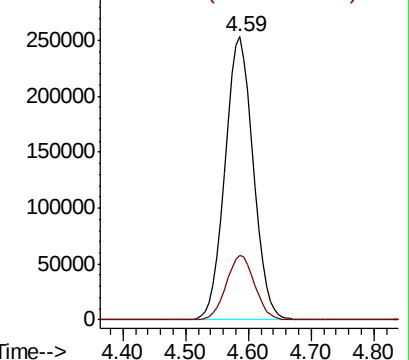
Ion Ratio Lower Upper

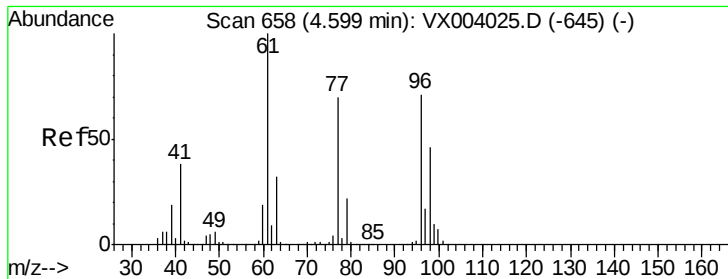
77 100

97 23.0 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0



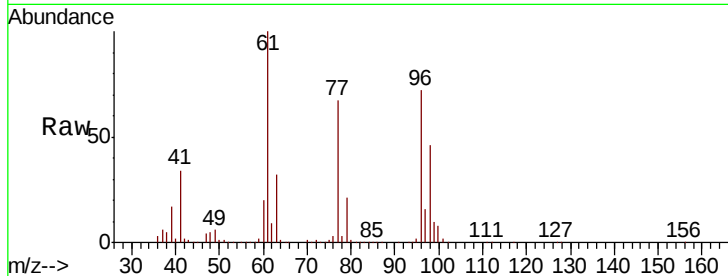


#27

cis-1,2-Dichloroethene  
 Concen: 143.430 ug/l  
 RT: 4.60 min Scan# 658  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tgt Ion   | Resp   | Lower | Upper |
|-----------|--------|-------|-------|
| 96        | 612641 |       |       |
| Ion Ratio |        |       |       |
| 96        | 100    |       |       |
| 61        | 146.0  | 0.0   | 293.0 |
| 98        | 64.8   | 0.0   | 131.8 |

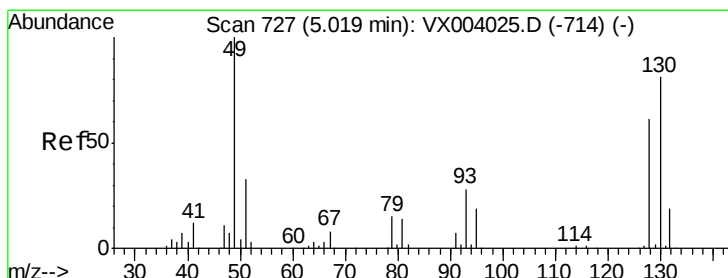
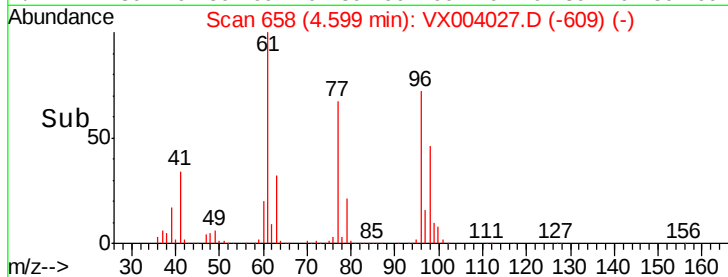
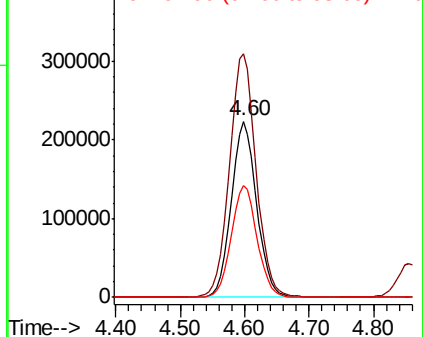


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

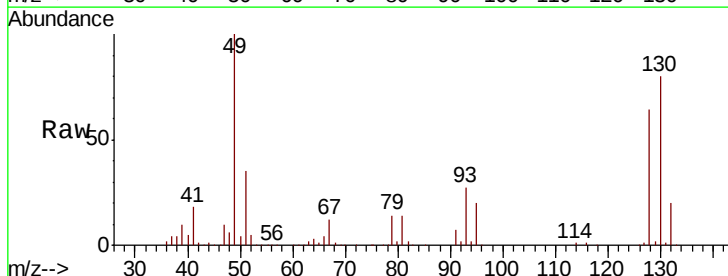
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane  
 Concen: 139.088 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. 0.01 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

| Tgt Ion   | Resp   | Lower | Upper |
|-----------|--------|-------|-------|
| 49        | 450740 |       |       |
| Ion Ratio |        |       |       |
| 49        | 100    |       |       |
| 129       | 2.0    | 0.0   | 4.2   |
| 130       | 79.1   | 66.5  | 99.7  |

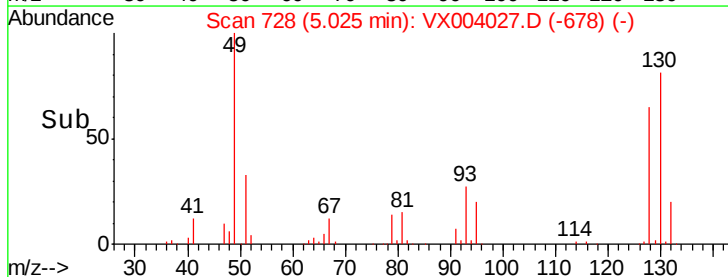
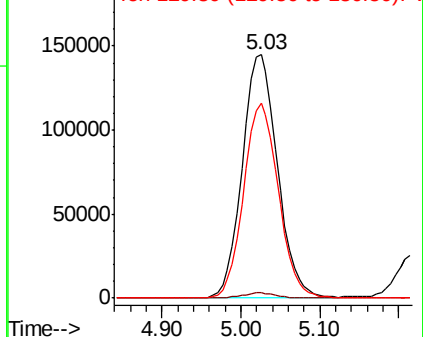


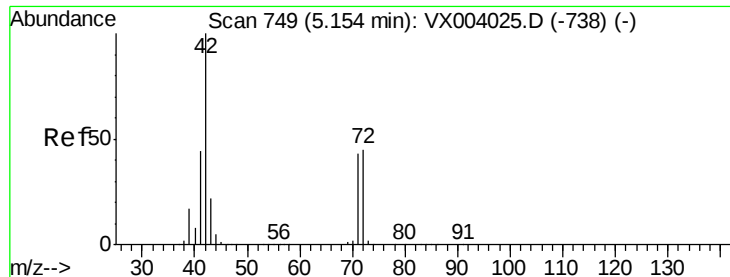
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 727.247 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

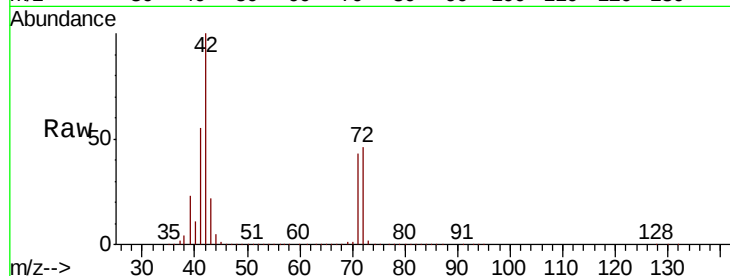
Tgt Ion: 42 Resp: 1408006

Ion Ratio Lower Upper

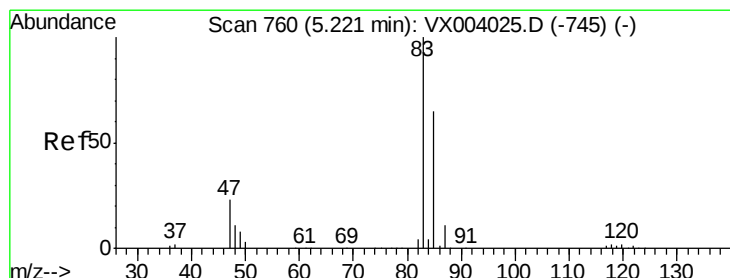
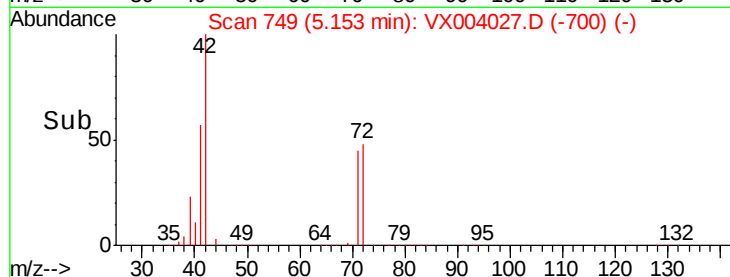
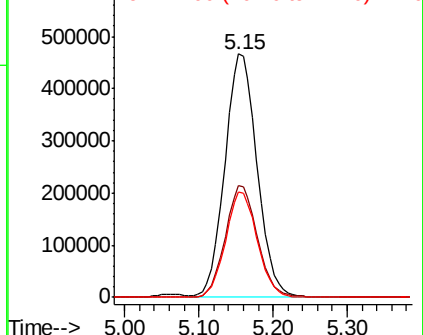
42 100

72 45.9 37.7 56.5

71 42.7 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 142.054 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX004027.D

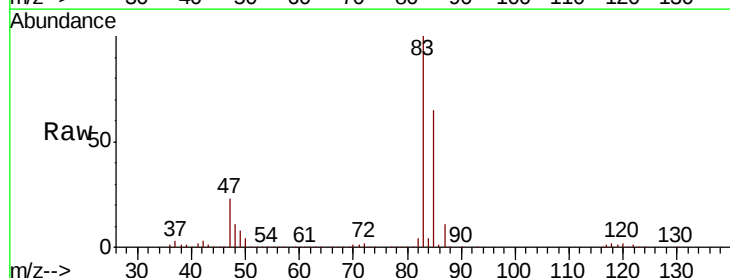
Acq: 14 Aug 2018 12:54

Tgt Ion: 83 Resp: 979268

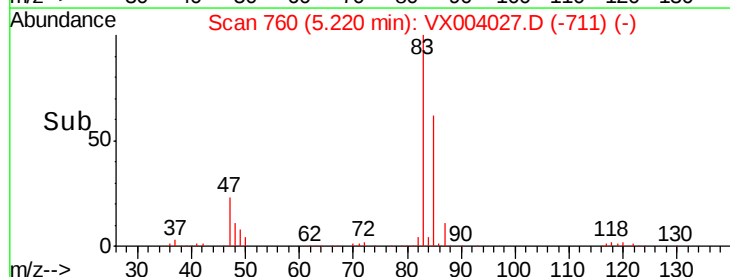
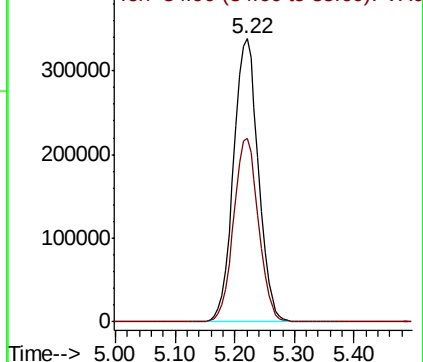
Ion Ratio Lower Upper

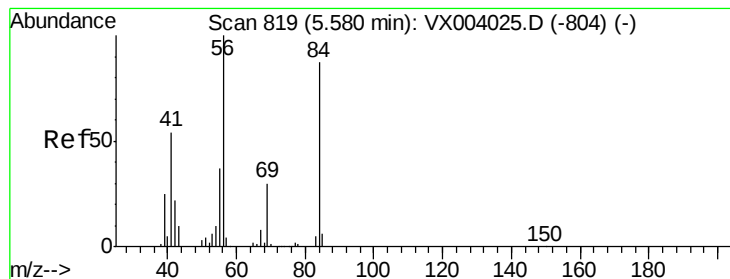
83 100

85 64.8 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 144.037 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

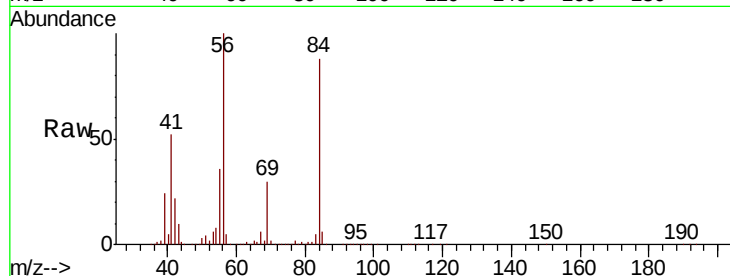
Tgt Ion: 56 Resp: 891899

Ion Ratio Lower Upper

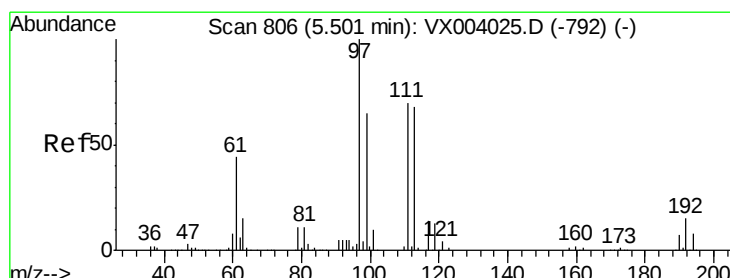
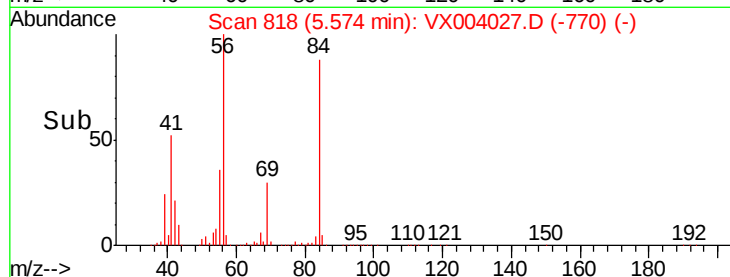
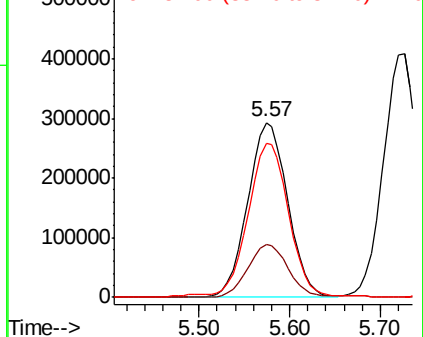
56 100

69 30.3 24.9 37.3

84 86.8 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 148.149 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

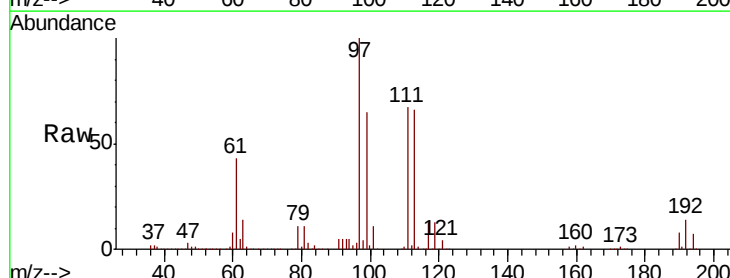
Tgt Ion: 97 Resp: 853423

Ion Ratio Lower Upper

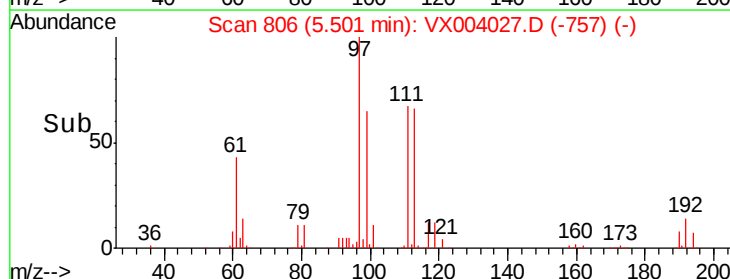
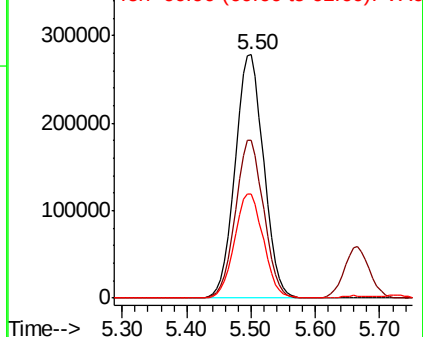
97 100

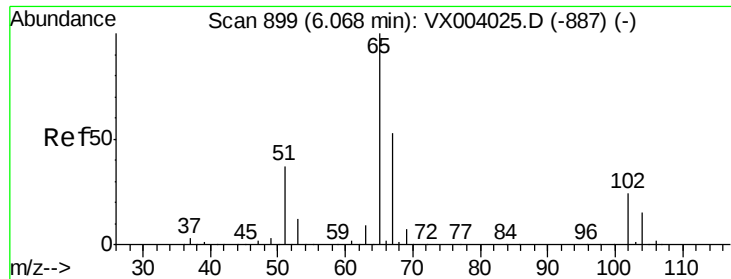
99 64.3 51.8 77.8

61 43.6 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

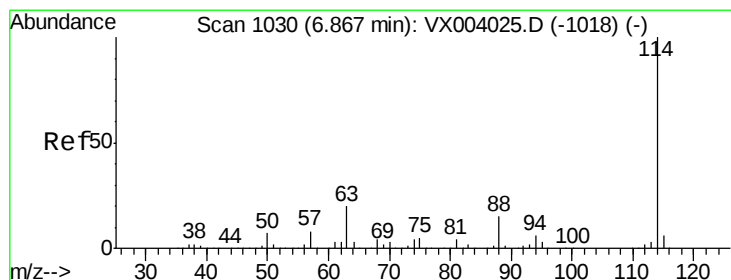
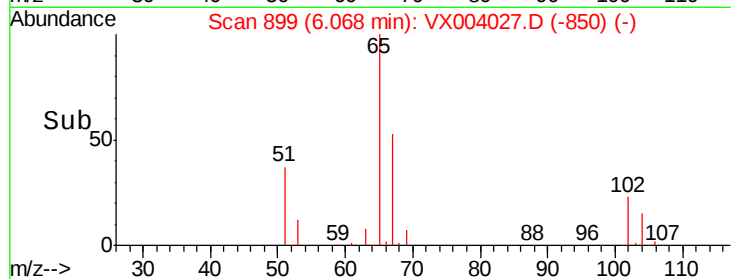
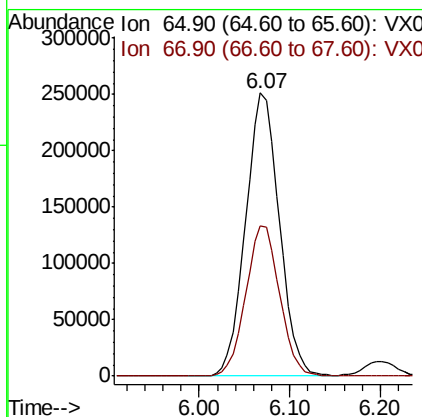
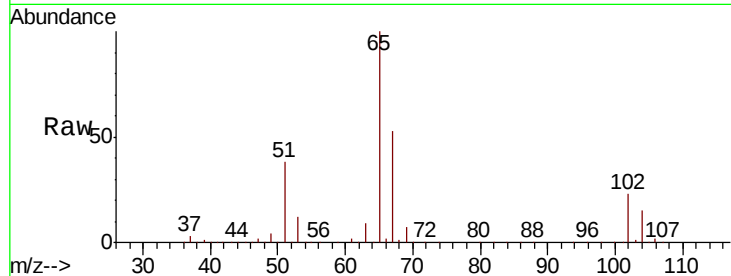




#33  
 1,2-Dichloroethane-d4  
 Concen: 144.603 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

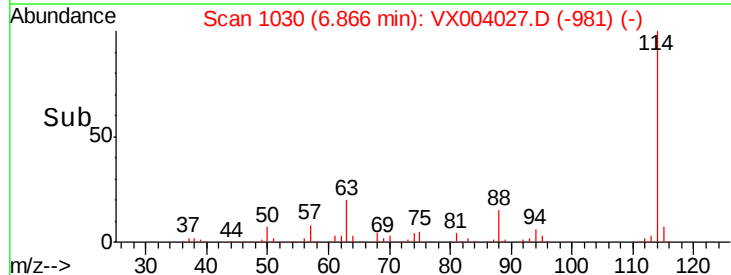
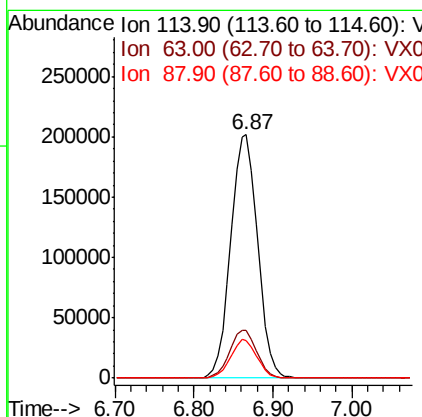
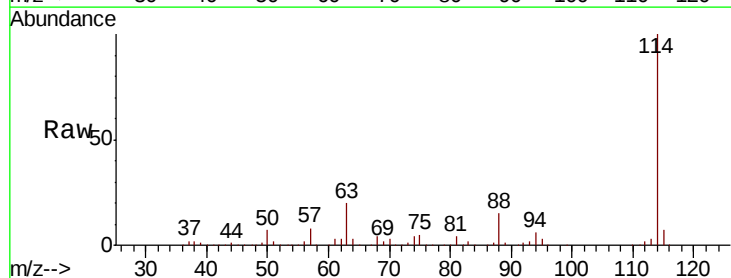
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

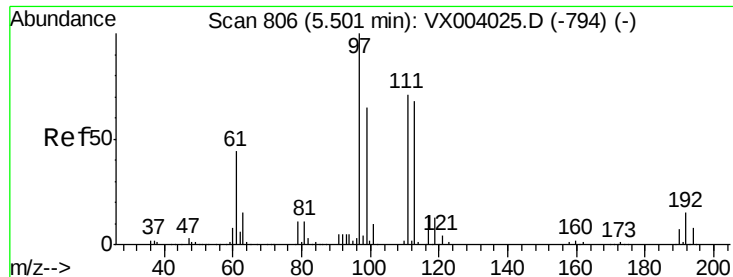
Tgt Ion: 65 Resp: 647754  
 Ion Ratio Lower Upper  
 65 100  
 67 53.4 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion: 114 Resp: 478781  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 39.0  
 88 15.2 0.0 32.0

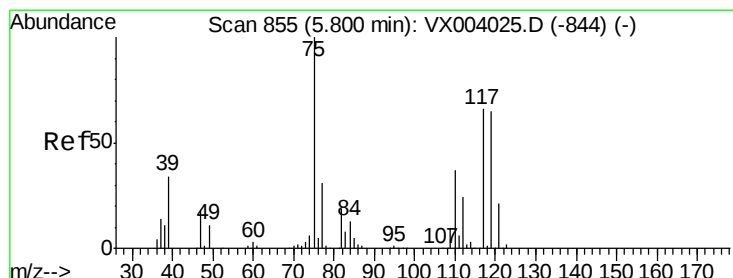
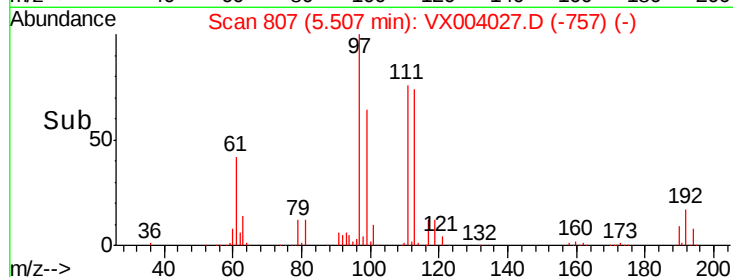
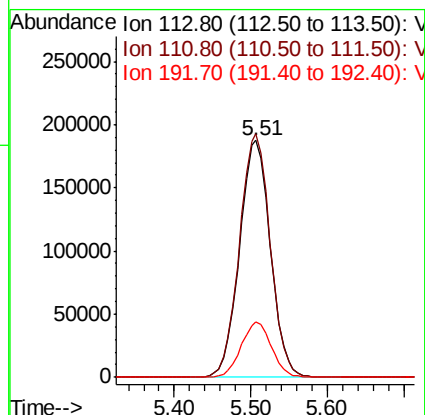
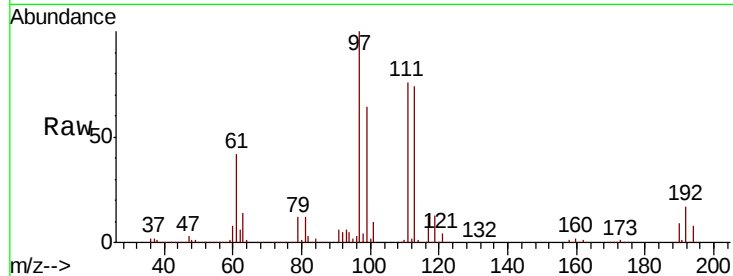




#35  
 Dibromofluoromethane  
 Concen: 146.328 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. 0.01 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

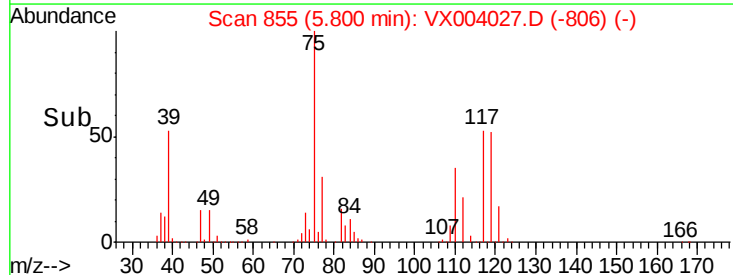
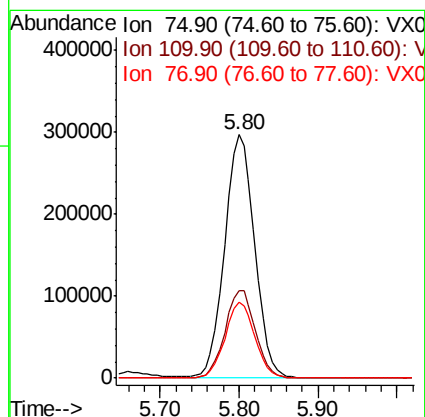
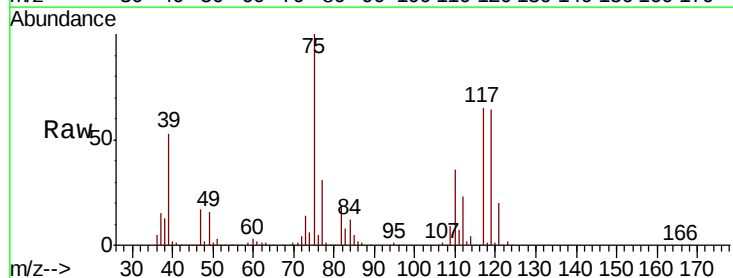
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

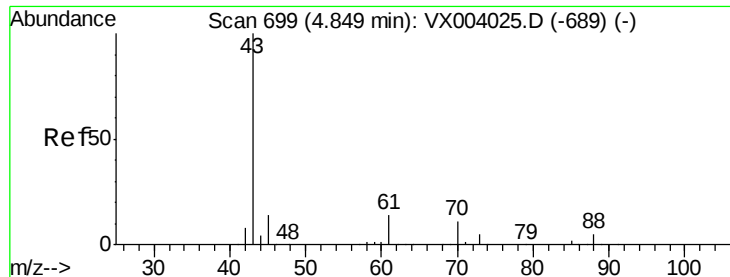
Tgt Ion:113 Resp: 524335  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 82.0 123.0  
 192 23.0 19.0 28.4



#36  
 1,1-Dichloropropene  
 Concen: 144.135 ug/l  
 RT: 5.80 min Scan# 855  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion: 75 Resp: 785266  
 Ion Ratio Lower Upper  
 75 100  
 110 36.4 18.2 54.6  
 77 31.0 25.0 37.4

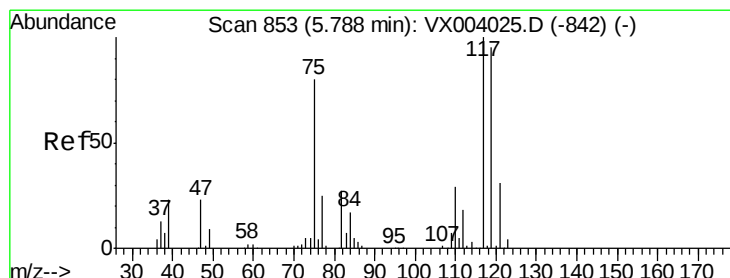
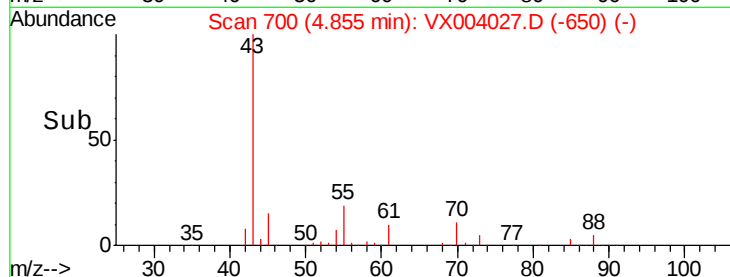
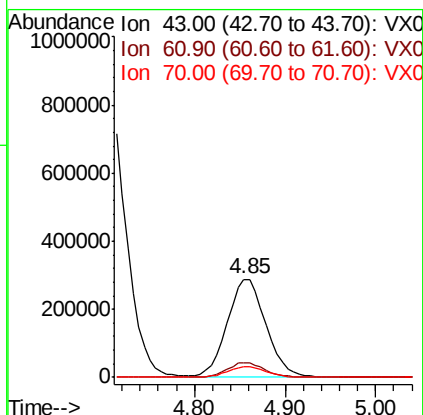
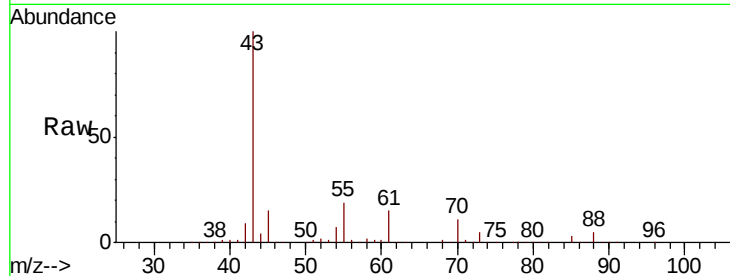




#37  
Ethyl Acetate  
Concen: 143.202 ug/l  
RT: 4.85 min Scan# 700  
Delta R.T. 0.01 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

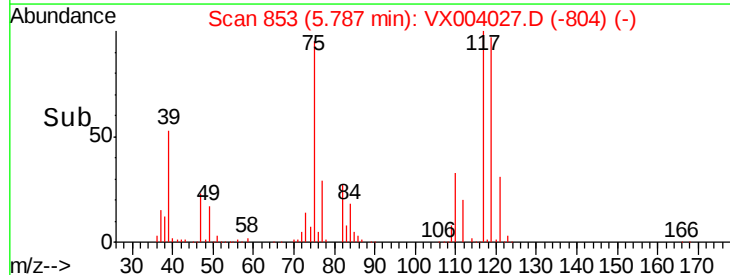
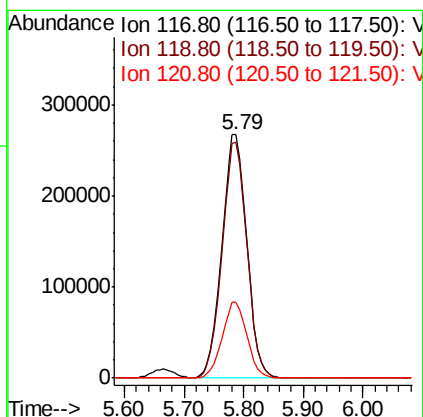
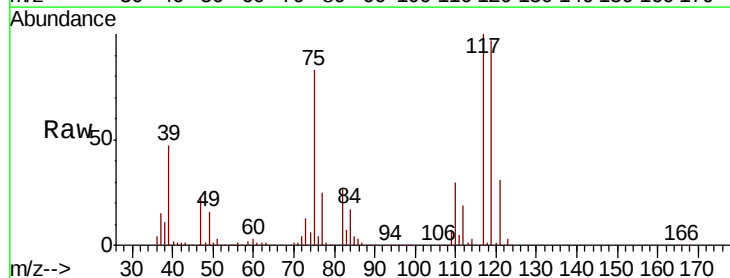
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

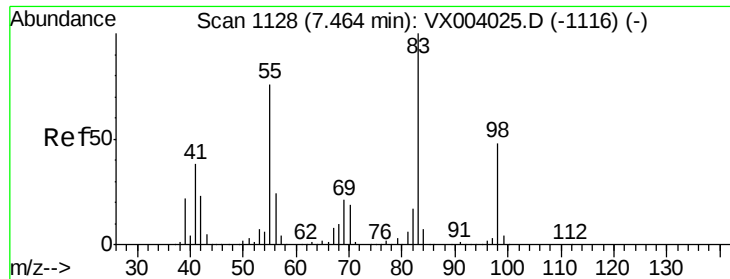
Tgt Ion: 43 Resp: 849613  
Ion Ratio Lower Upper  
43 100  
61 14.6 11.5 17.3  
70 11.2 9.0 13.4



#38  
Carbon Tetrachloride  
Concen: 146.669 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 117 Resp: 776361  
Ion Ratio Lower Upper  
117 100  
119 97.1 79.5 119.3  
121 31.1 25.0 37.4

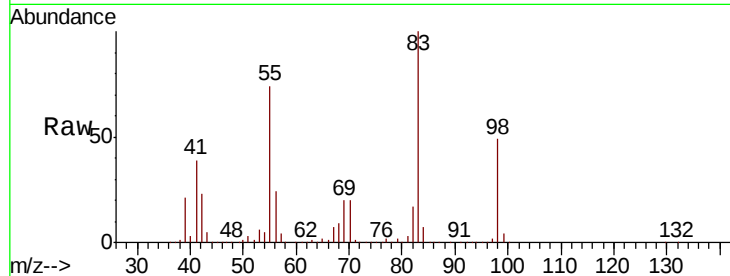




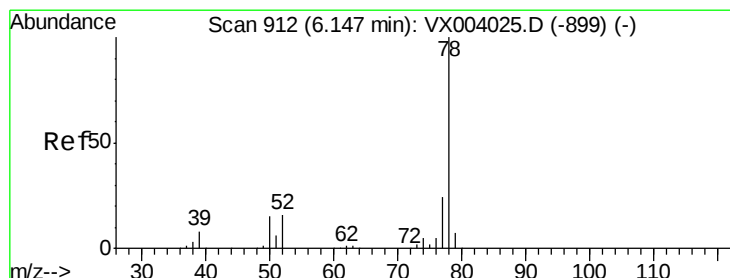
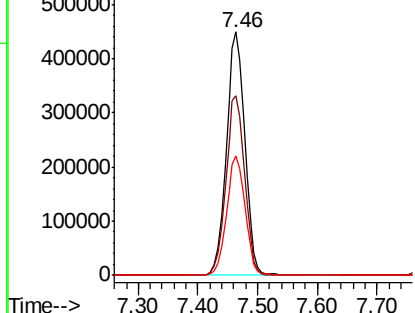
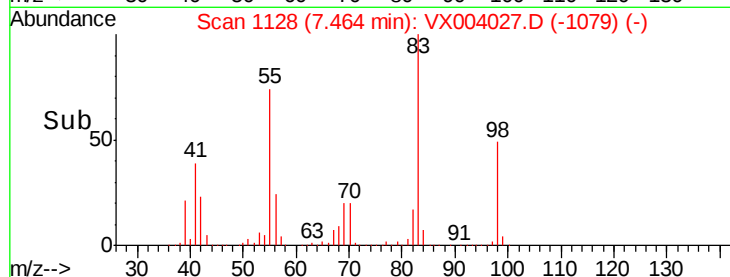
#39  
Methylcyclohexane  
Concen: 155.656 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 83 Resp: 962078  
Ion Ratio Lower Upper  
83 100  
55 73.9 61.0 91.6  
98 48.9 38.6 57.8

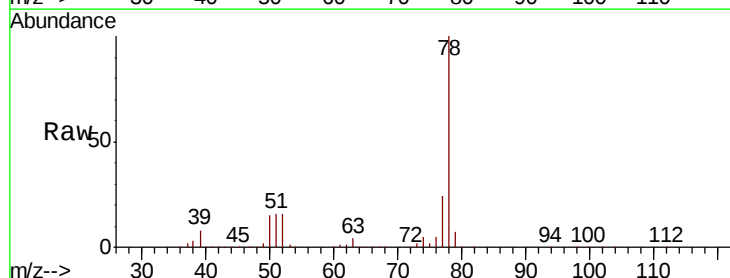


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

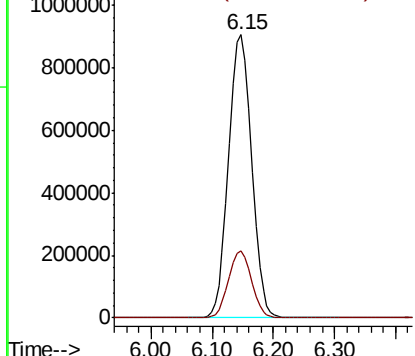
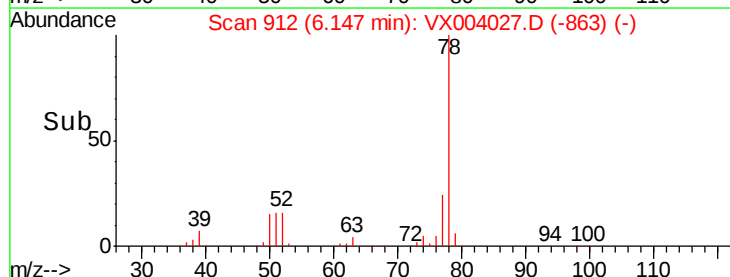


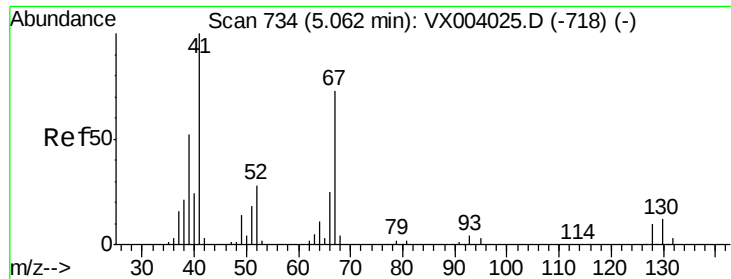
#40  
Benzene  
Concen: 143.861 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 78 Resp: 2353495  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 144.589 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 480434

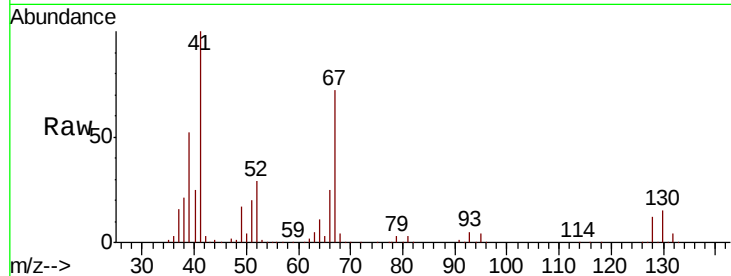
Ion Ratio Lower Upper

41 100

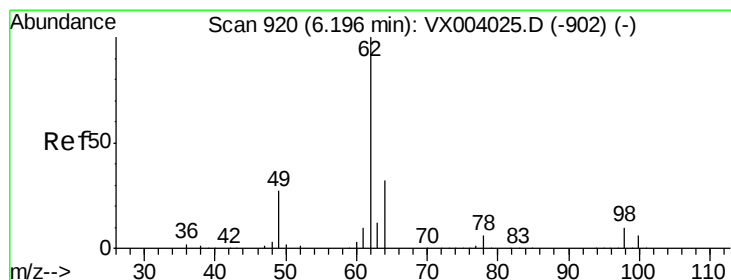
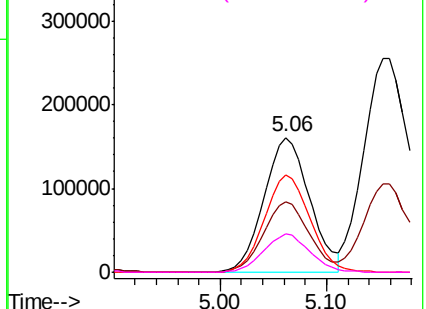
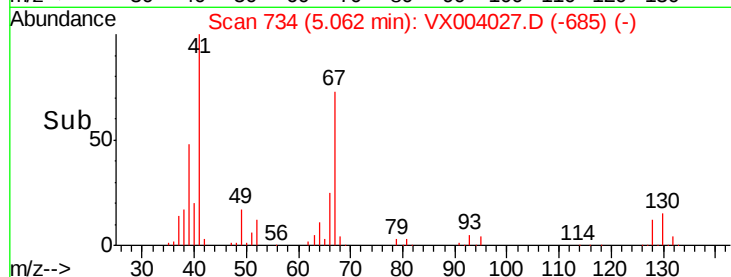
39 52.3 42.7 64.1

67 72.1 58.9 88.3

52 28.5 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 139.224 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX004027.D

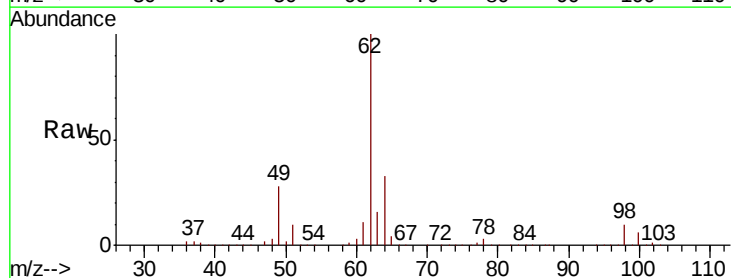
Acq: 14 Aug 2018 12:54

Tgt Ion: 62 Resp: 797276

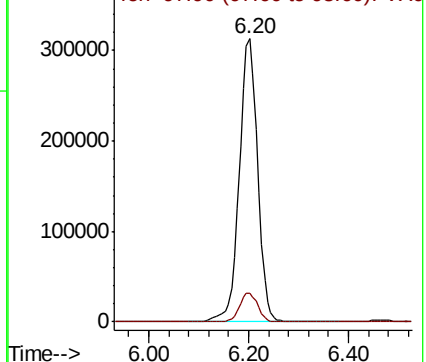
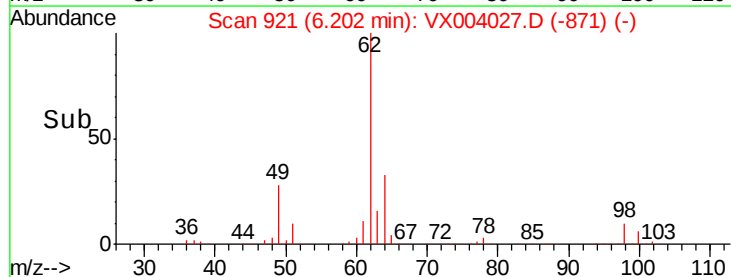
Ion Ratio Lower Upper

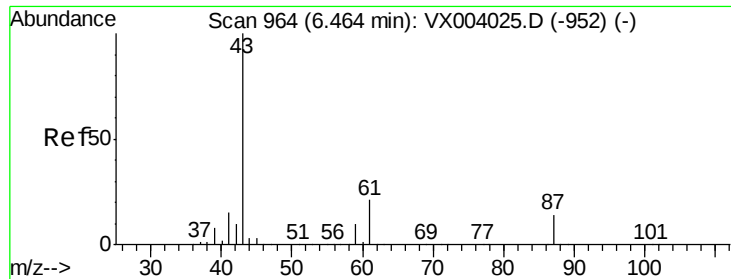
62 100

98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 156.460 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

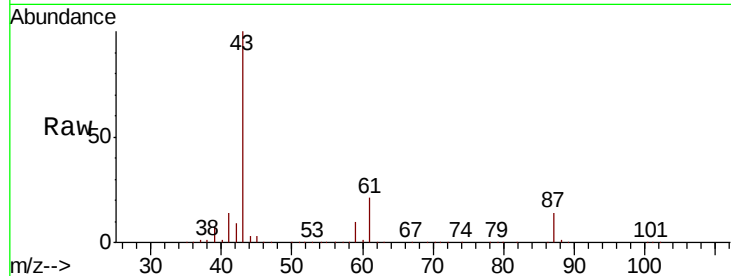
Tgt Ion: 43 Resp: 1368261

Ion Ratio Lower Upper

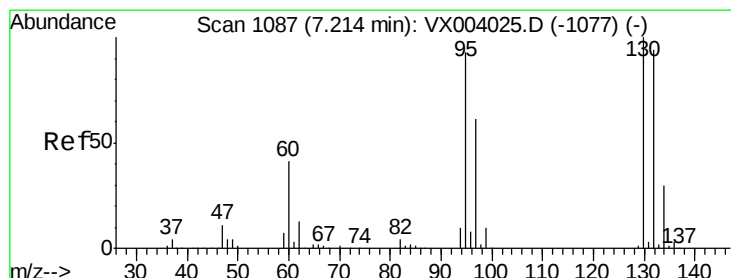
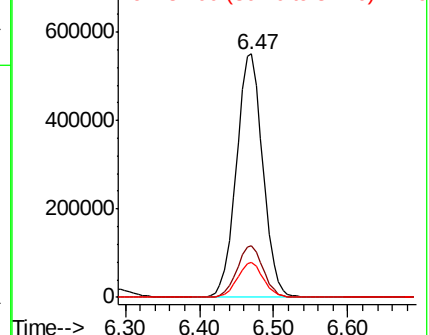
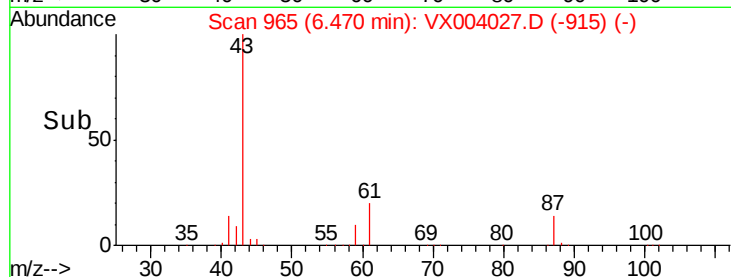
43 100

61 21.2 16.9 25.3

87 14.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX004027.D (-915) (-)



#44

Trichloroethene

Concen: 143.376 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004027.D

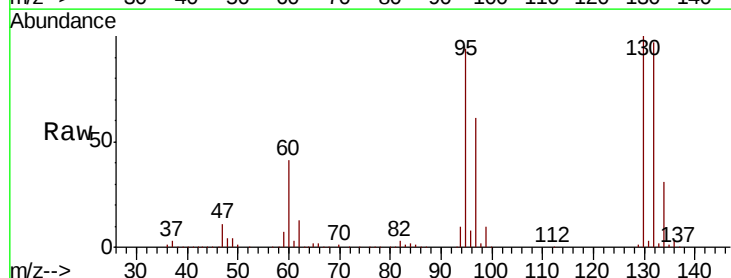
Acq: 14 Aug 2018 12:54

Tgt Ion: 130 Resp: 636771

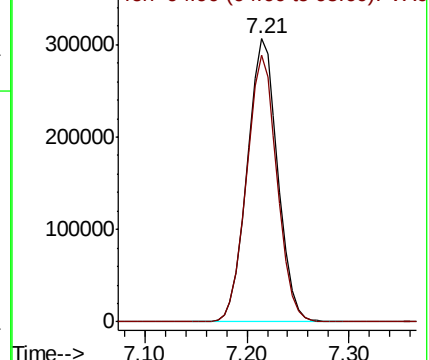
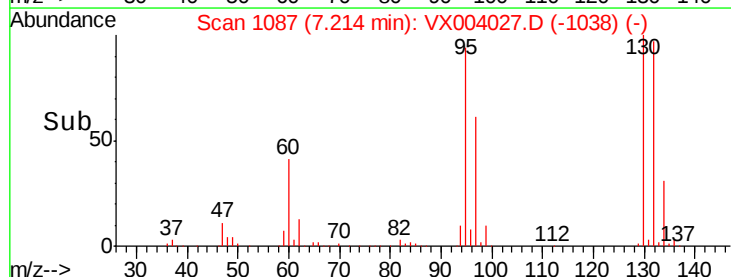
Ion Ratio Lower Upper

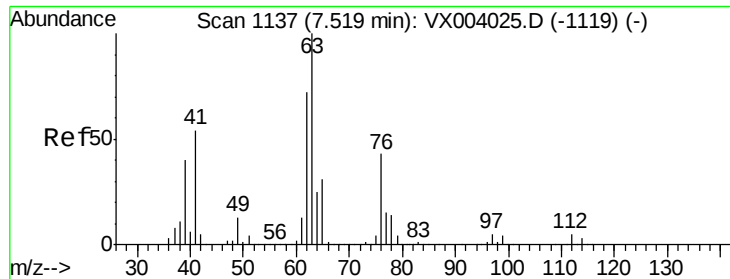
130 100

95 94.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VX004027.D (-1038) (-)

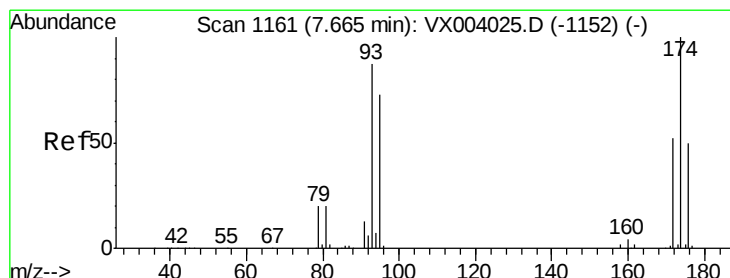
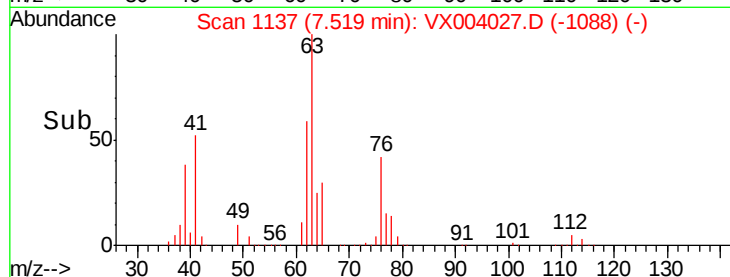
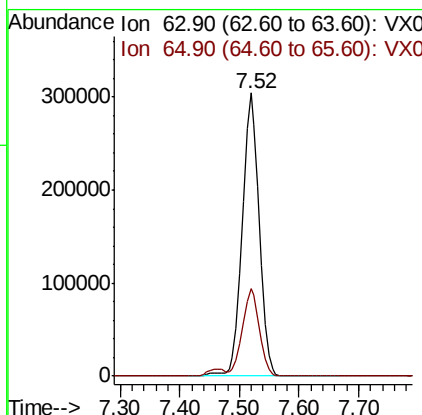
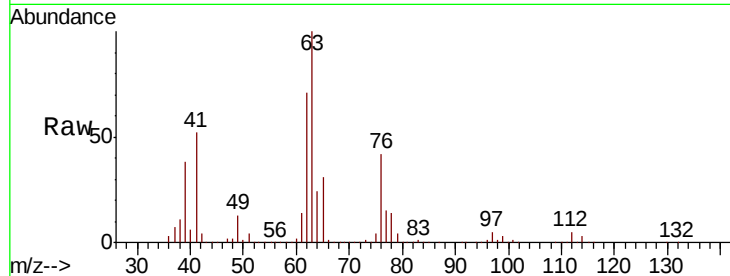




#45  
 1,2-Dichloropropane  
 Concen: 144.390 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

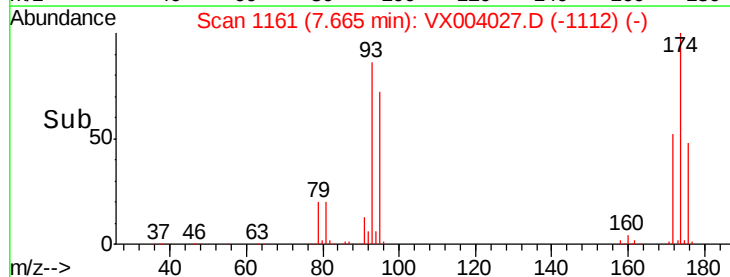
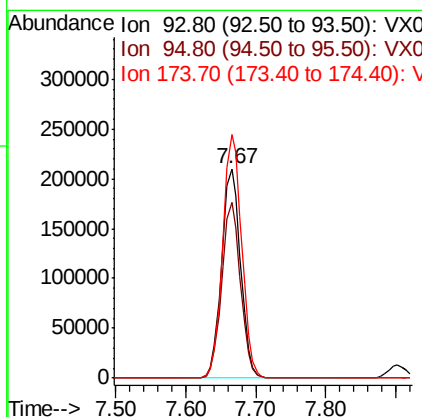
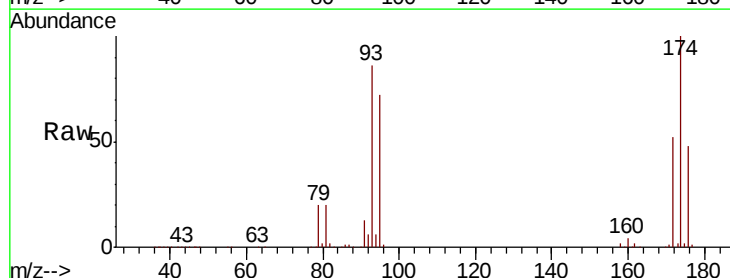
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

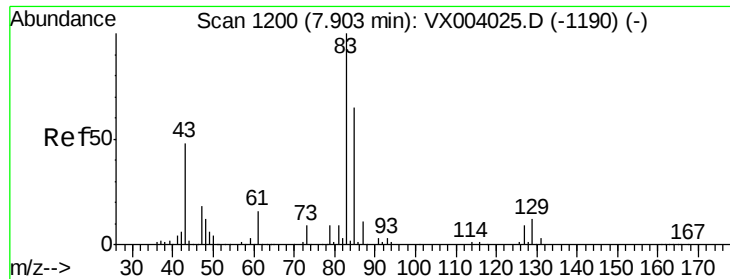
Tgt Ion: 63 Resp: 604707  
 Ion Ratio Lower Upper  
 63 100  
 65 31.0 24.6 36.8



#46  
 Dibromomethane  
 Concen: 144.638 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion: 93 Resp: 395858  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 66.4 99.6  
 174 116.7 94.3 141.5





#47

Bromodichloromethane

Concen: 152.757 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

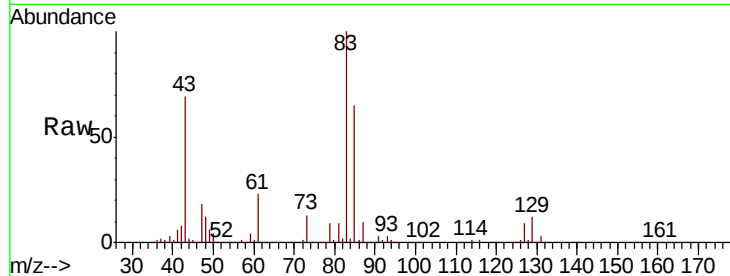
Tgt Ion: 83 Resp: 791814

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

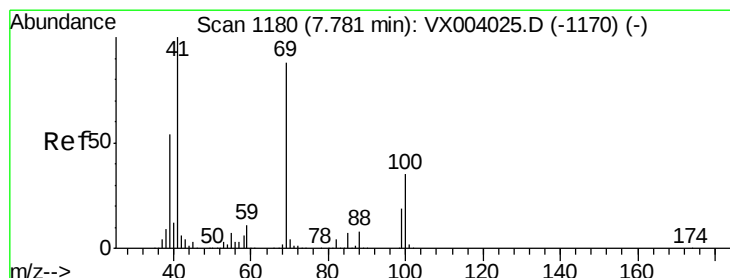
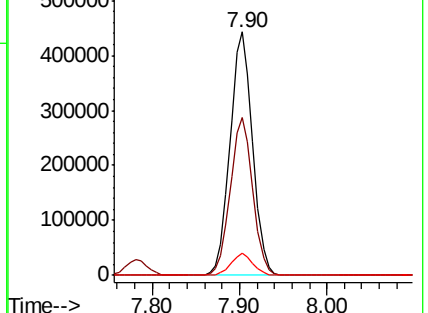
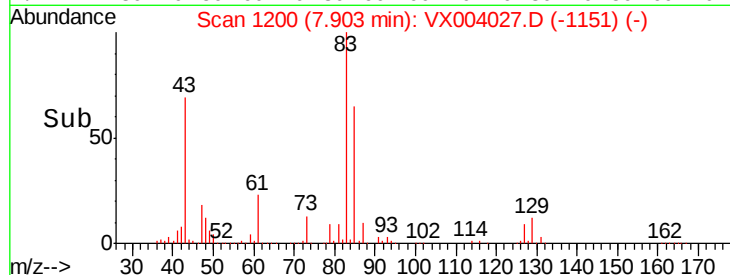
127 9.0 7.2 10.8



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: 162.770 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

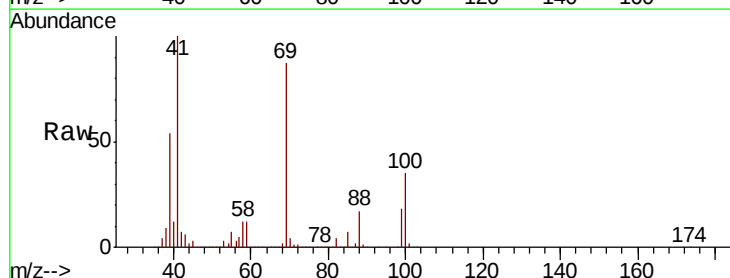
Tgt Ion: 41 Resp: 716552

Ion Ratio Lower Upper

41 100

69 87.4 68.8 103.2

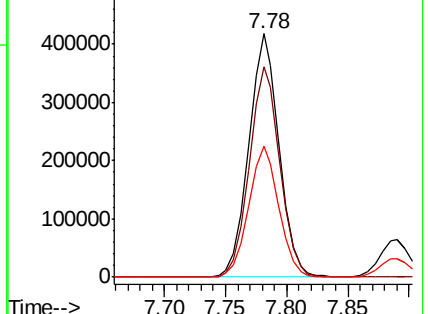
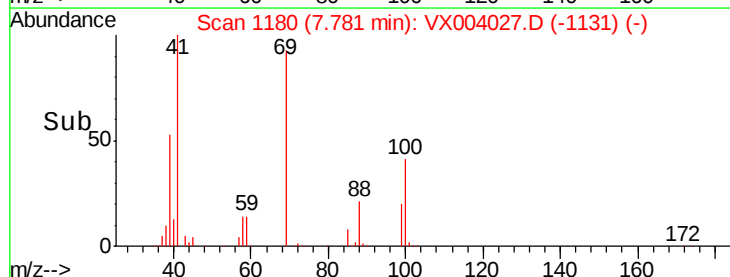
39 53.7 42.3 63.5

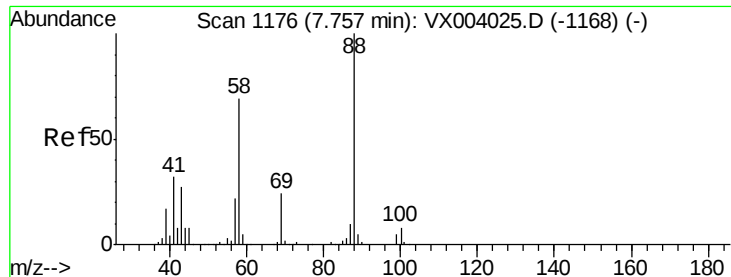


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

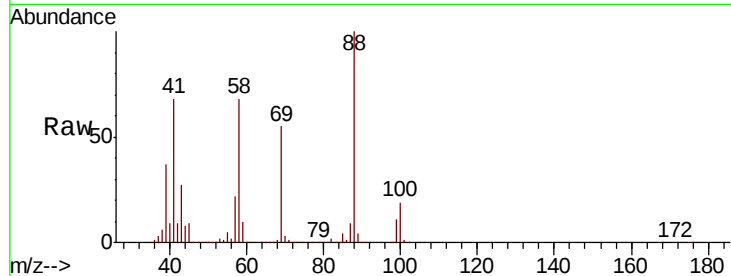




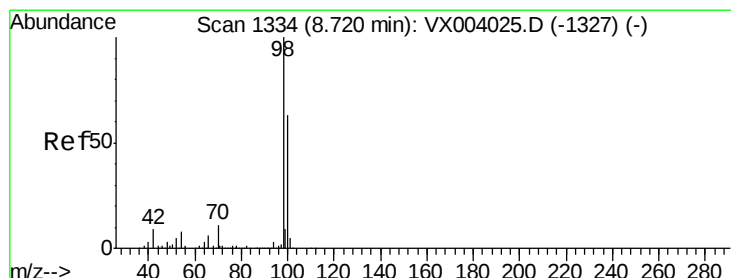
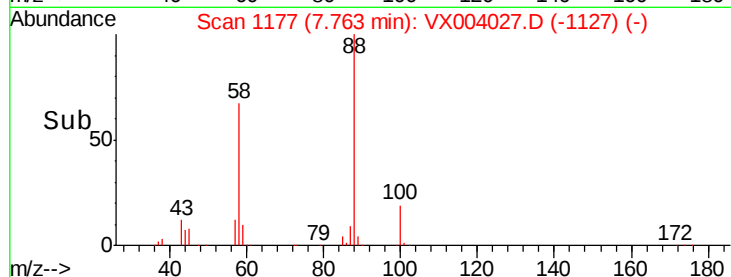
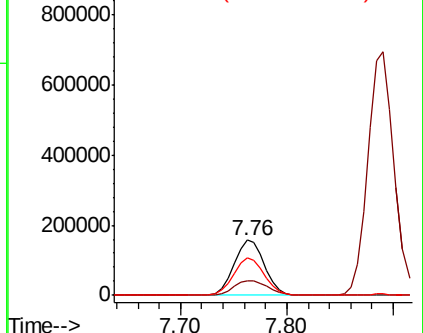
#49  
 1,4-Dioxane  
 Concen: 3194.351 ug/l  
 RT: 7.76 min Scan# 1177  
 Delta R.T. 0.01 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 88 Resp: 316602  
 Ion Ratio Lower Upper  
 88 100  
 43 30.4 23.8 35.8  
 58 68.6 55.4 83.0

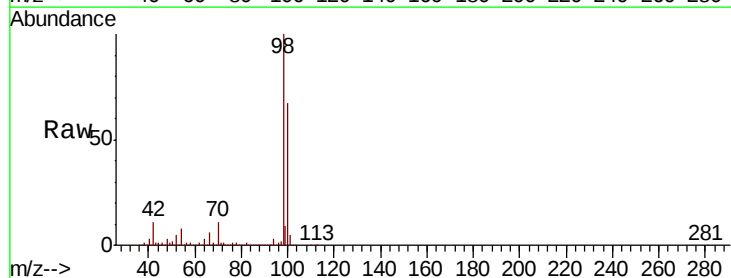


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

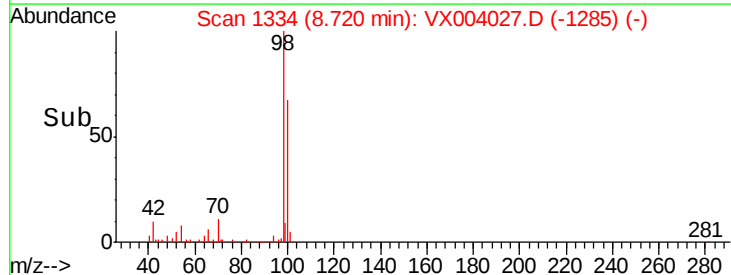
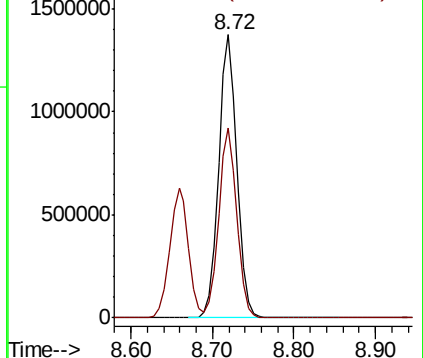


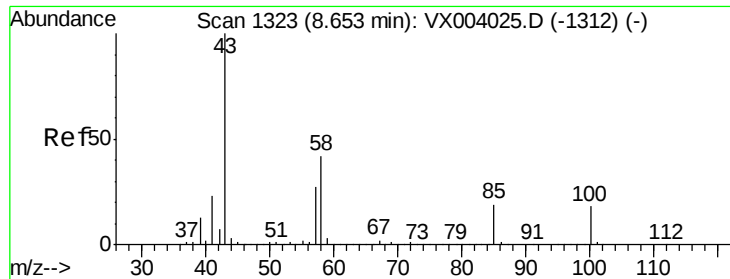
#50  
 Toluene-d8  
 Concen: 147.182 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion: 98 Resp: 2138300  
 Ion Ratio Lower Upper  
 98 100  
 100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): V

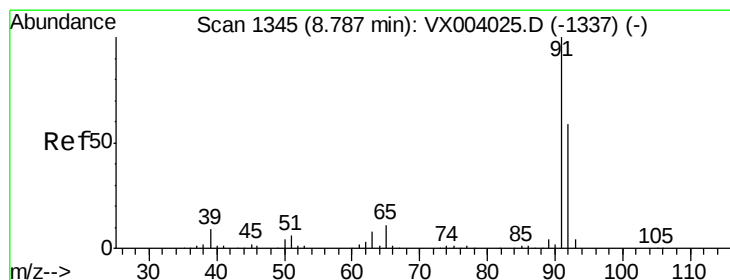
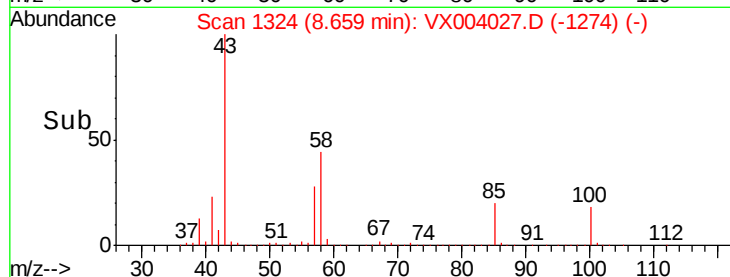
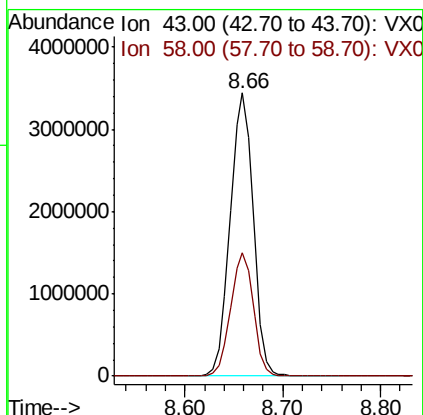
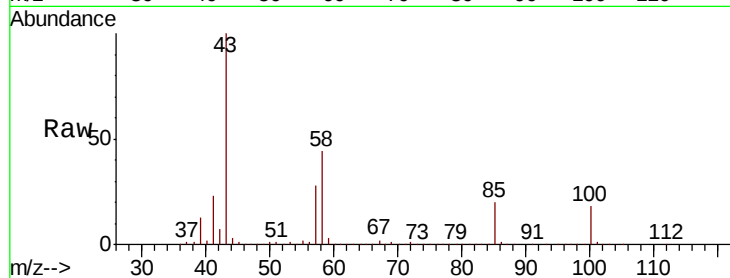




#51  
4-Methyl-2-Pentanone  
Concen: 787.195 ug/l  
RT: 8.66 min Scan# 1324  
Delta R.T. 0.01 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

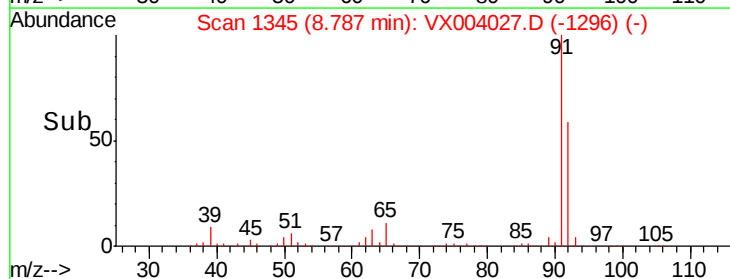
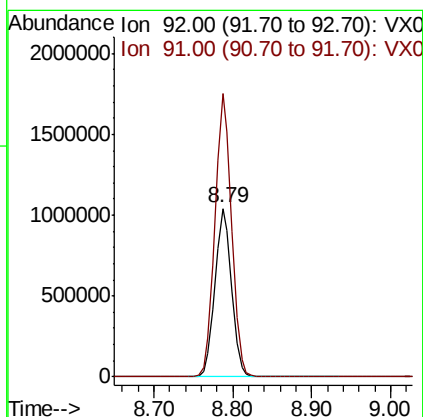
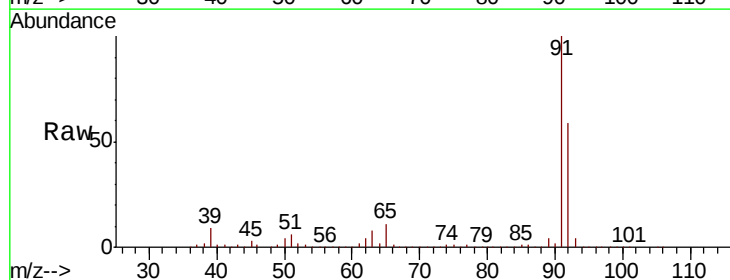
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

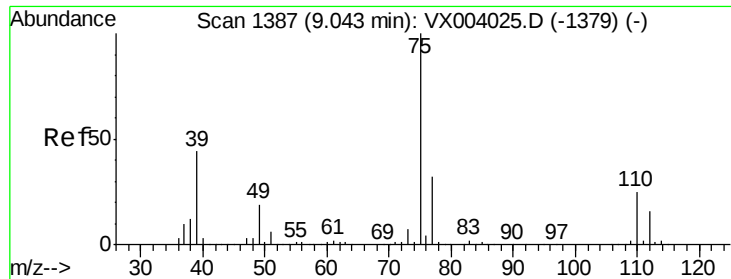
Tgt Ion: 43 Resp: 5644636  
Ion Ratio Lower Upper  
43 100  
58 42.7 33.0 49.6



#52  
Toluene  
Concen: 147.288 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 92 Resp: 1523899  
Ion Ratio Lower Upper  
92 100  
91 169.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 169.271 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

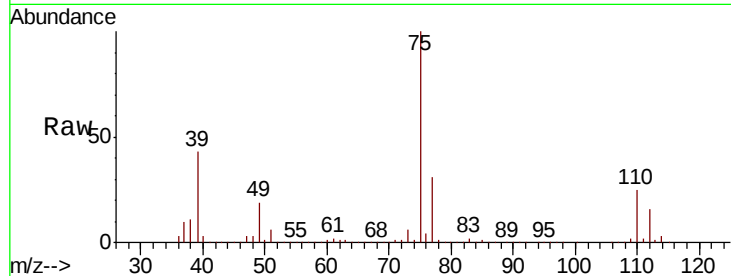
VSTDIC150

Tgt Ion: 75 Resp: 947878

Ion Ratio Lower Upper

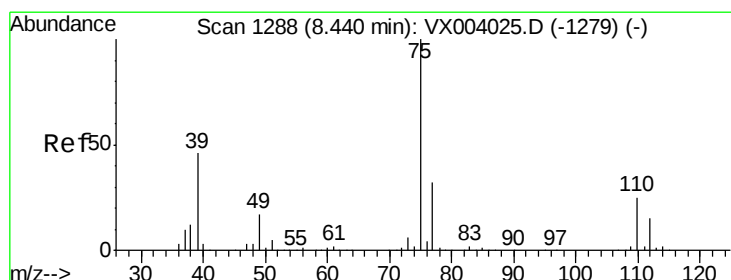
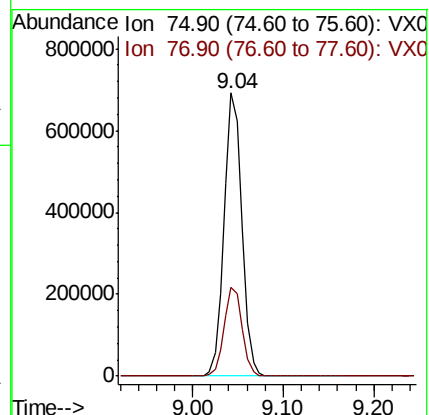
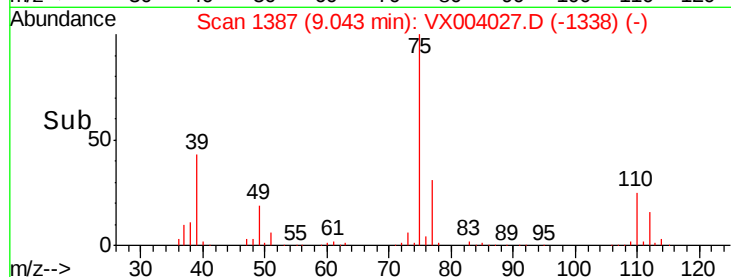
75 100

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 160.297 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

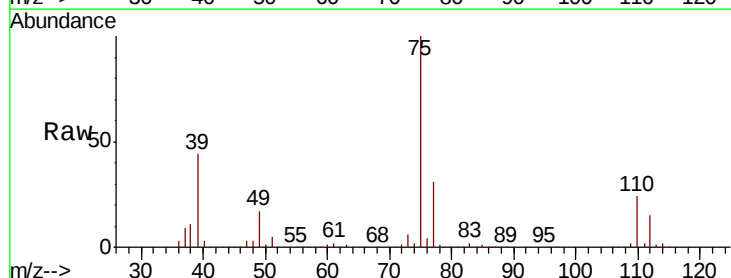
Tgt Ion: 75 Resp: 994074

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

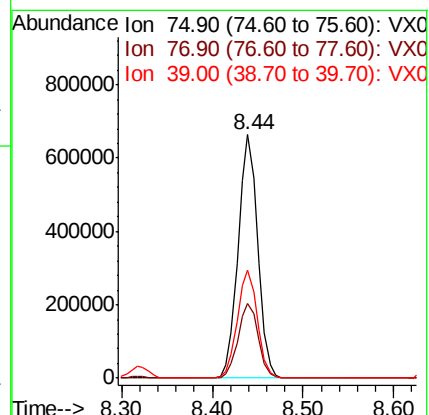
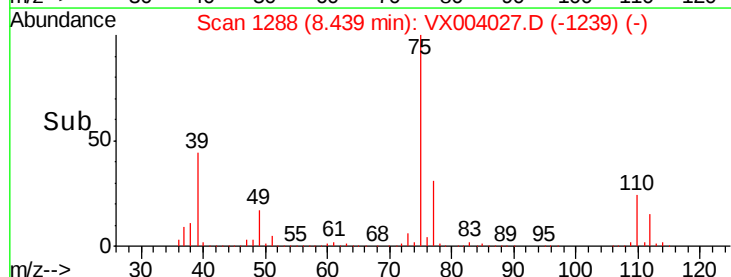
39 44.4 36.2 54.2

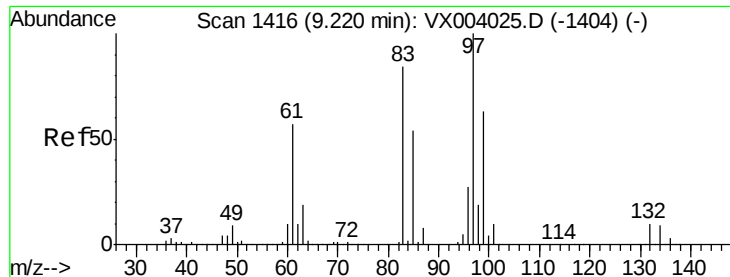


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

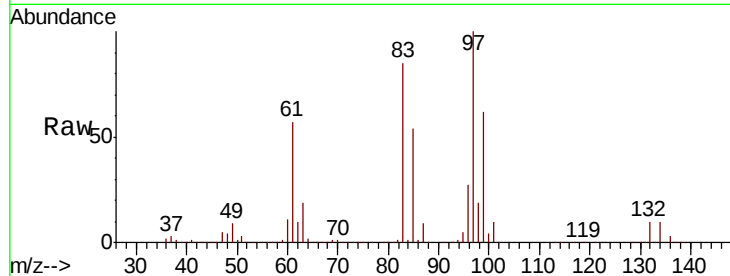




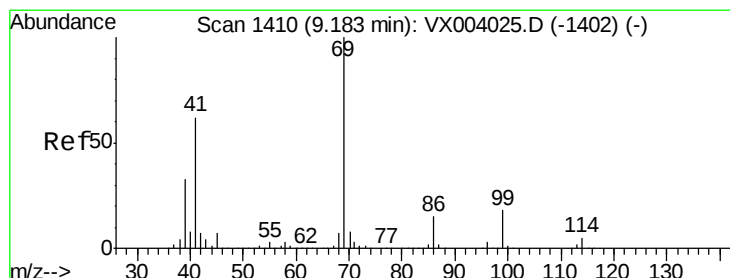
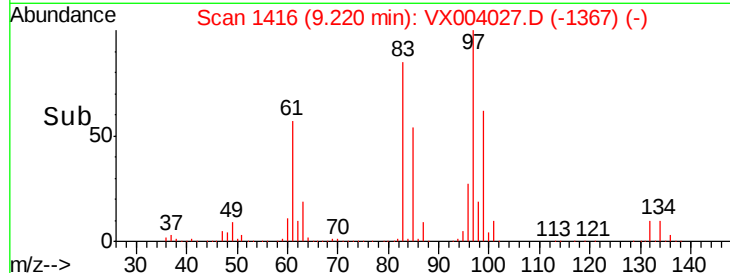
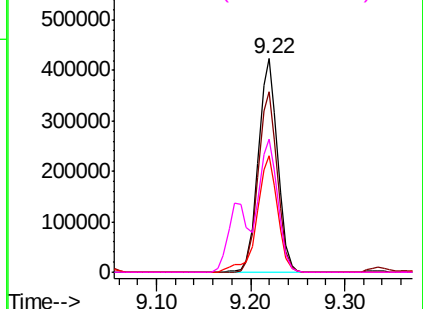
#55  
 1,1,2-Trichloroethane  
 Concen: 143.610 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 613590 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.6  | 67.8  | 101.6  |
| 85       | 54.3  | 44.2  | 66.2   |
| 99       | 62.3  | 50.8  | 76.2   |

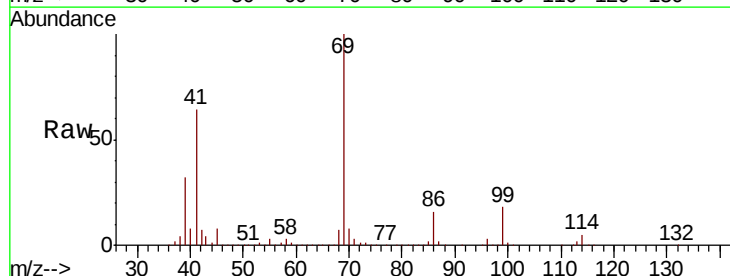


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

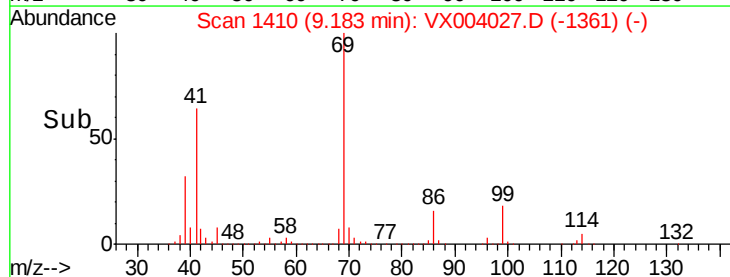
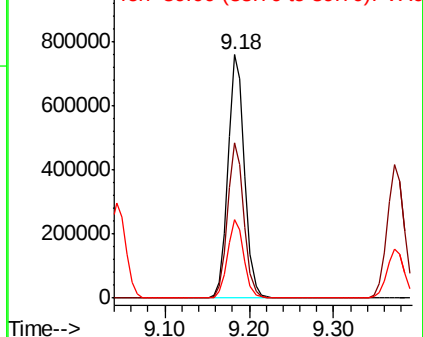


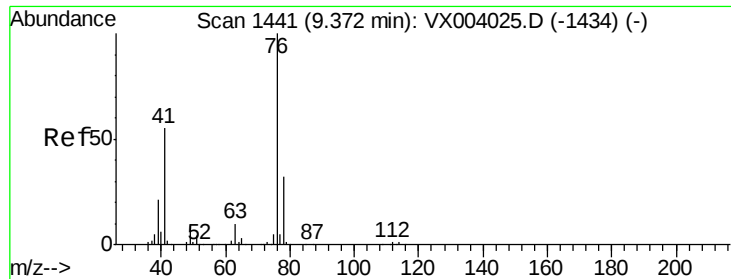
#56  
 Ethyl methacrylate  
 Concen: 175.749 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 69    | Resp: | 1021119 |
| Ion      | Ratio | Lower | Upper   |
| 69       | 100   |       |         |
| 41       | 63.3  | 50.6  | 76.0    |
| 39       | 32.1  | 25.8  | 38.6    |



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

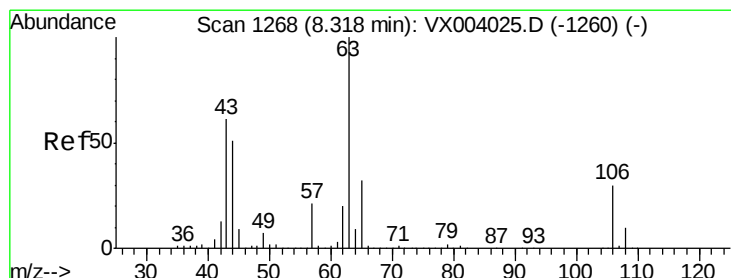
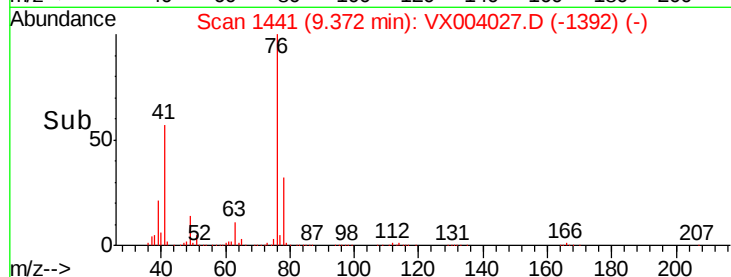
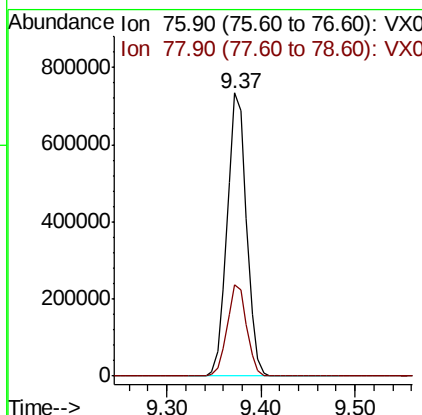
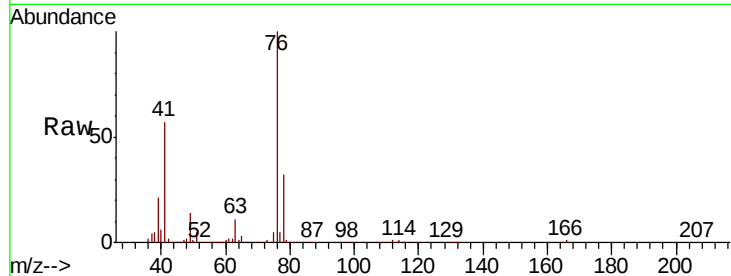




#57  
 1,3-Dichloropropane  
 Concen: 147.374 ug/l  
 RT: 9.37 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

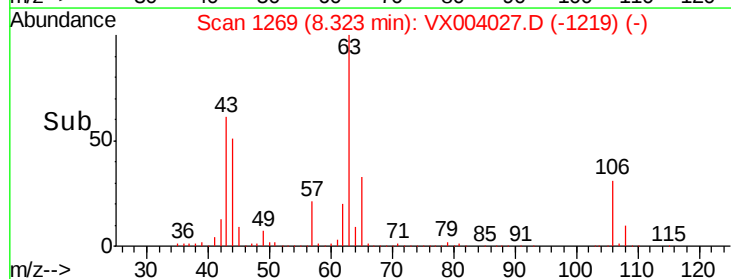
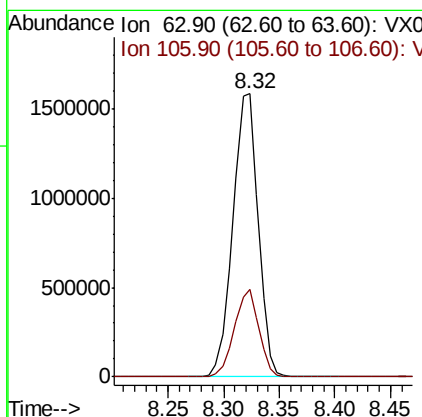
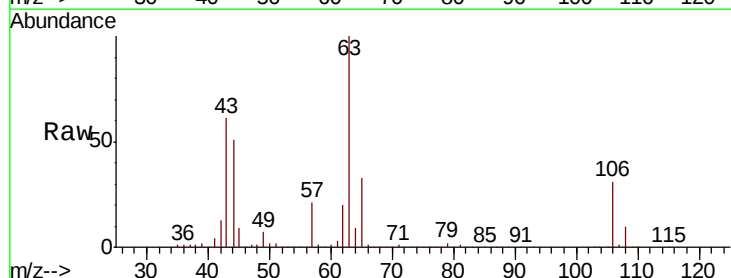
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

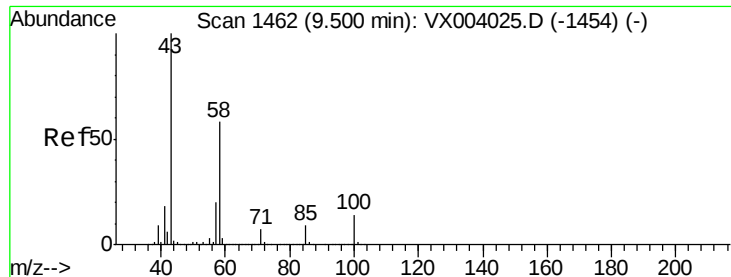
Tgt Ion: 76 Resp: 1044719  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.9 38.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 841.475 ug/l  
 RT: 8.32 min Scan# 1269  
 Delta R.T. 0.01 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion: 63 Resp: 2489524  
 Ion Ratio Lower Upper  
 63 100  
 106 29.8 23.8 35.8

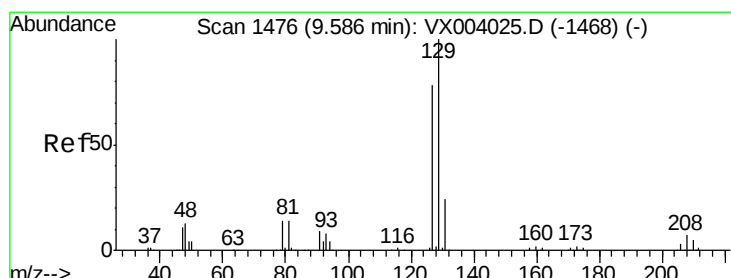
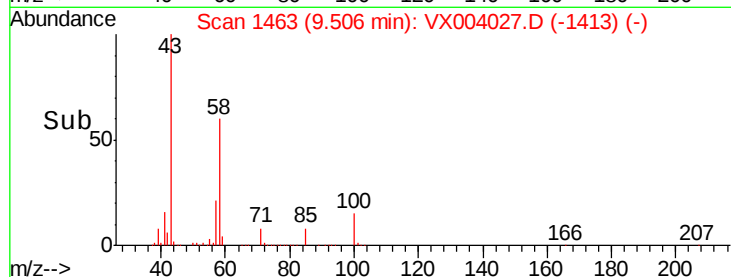
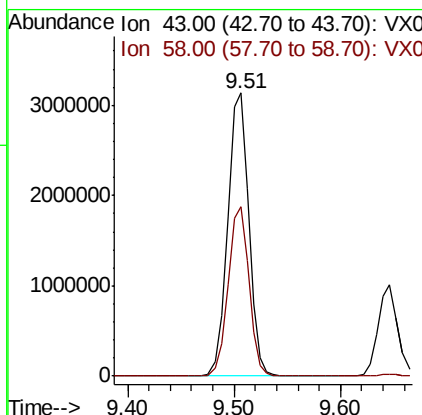
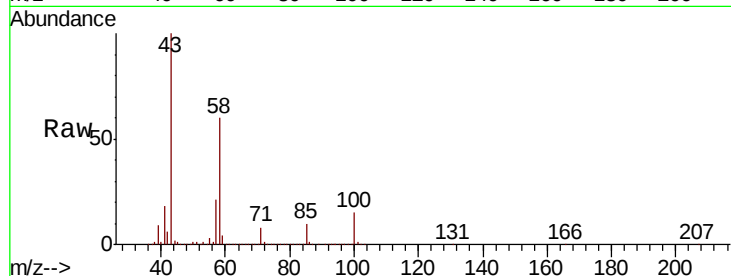




#59  
2-Hexanone  
Concen: 806.880 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. 0.01 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

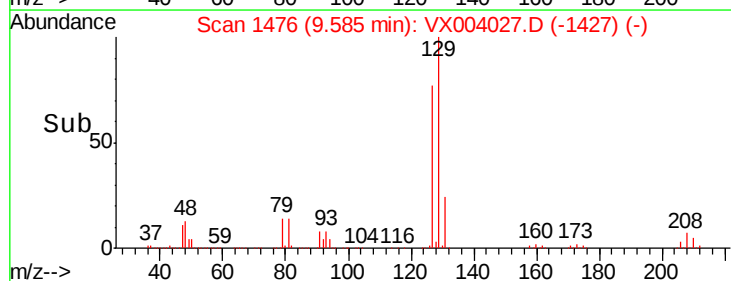
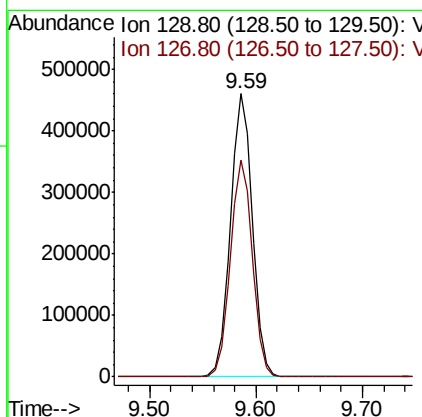
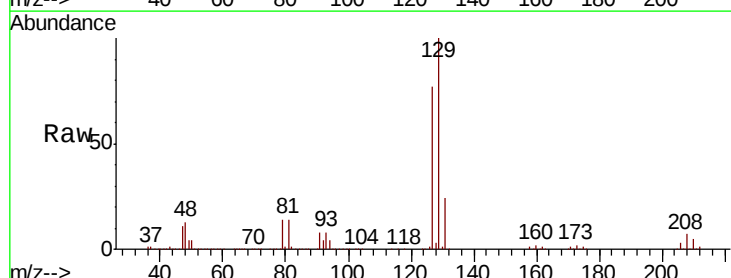
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

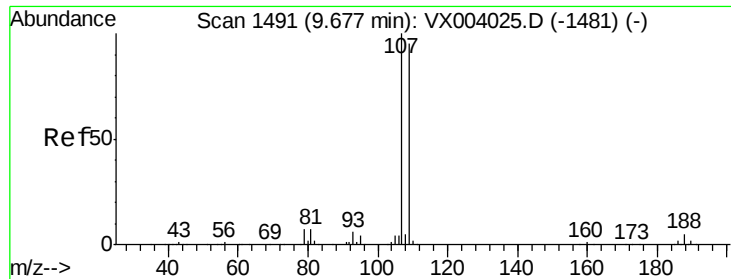
Tgt Ion: 43 Resp: 4354437  
Ion Ratio Lower Upper  
43 100  
58 59.4 29.0 87.0



#60  
Dibromochloromethane  
Concen: 161.470 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 129 Resp: 663911  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 150.306 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

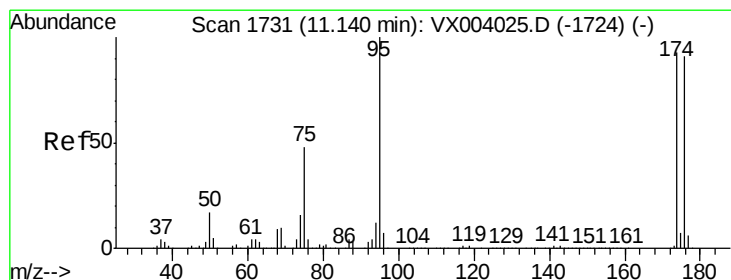
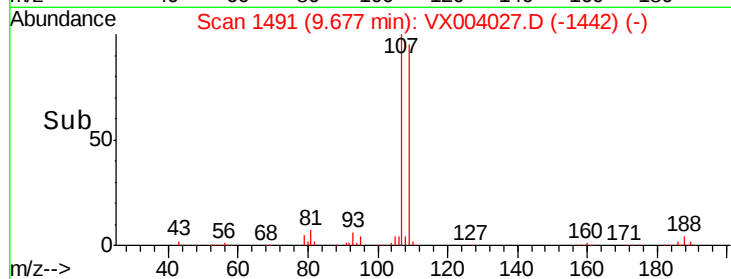
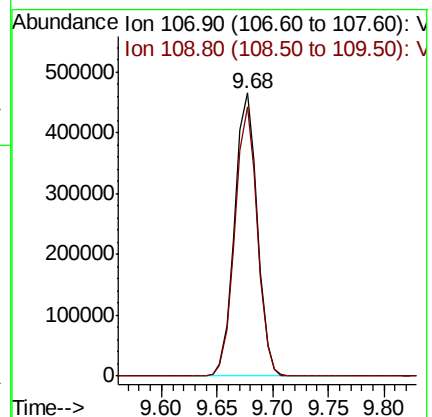
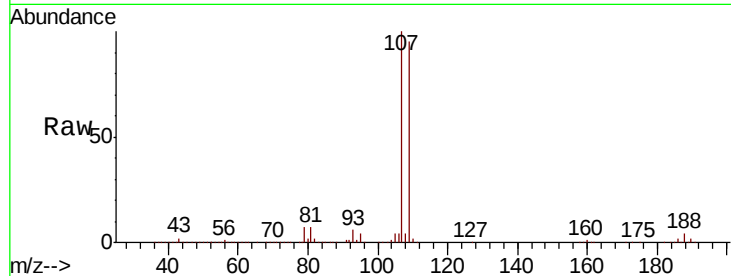
VSTDIC150

Tgt Ion: 107 Resp: 654674

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 160.724 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

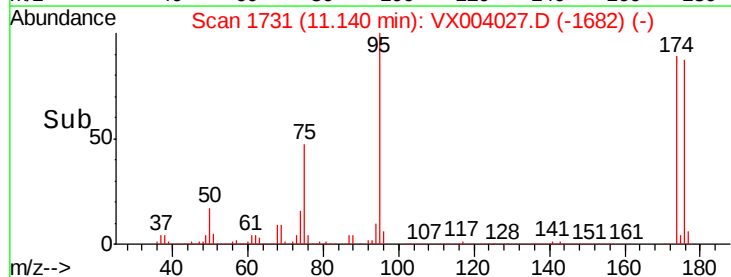
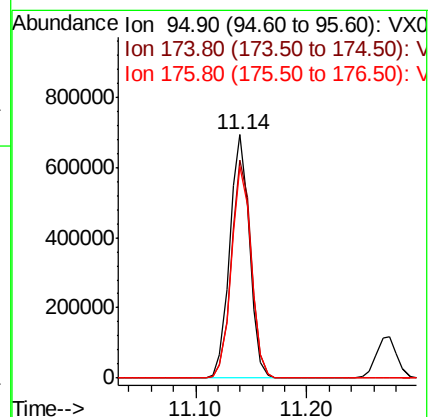
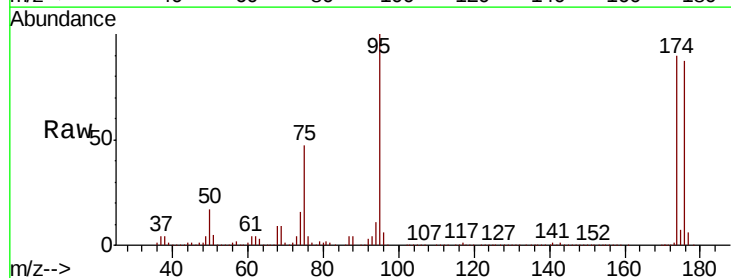
Tgt Ion: 95 Resp: 846901

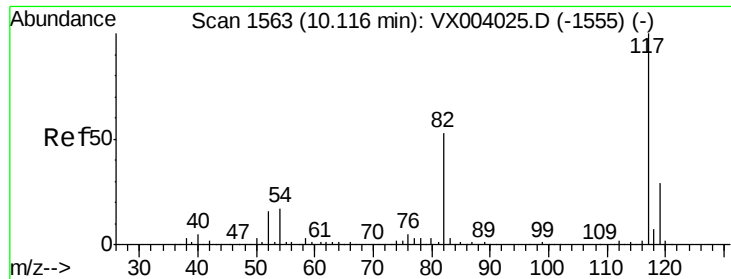
Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.8

176 87.5 0.0 179.0

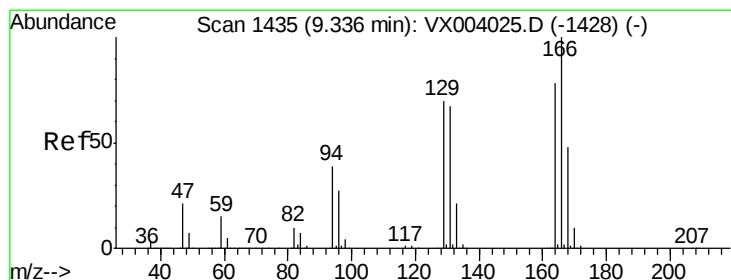
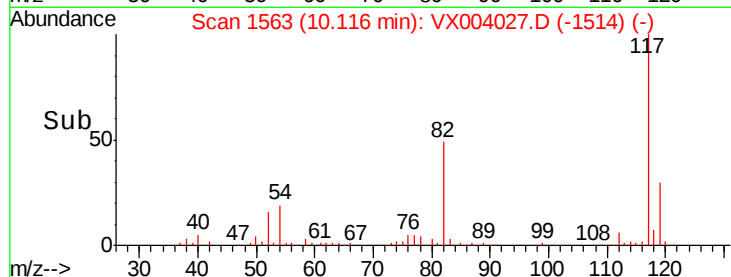
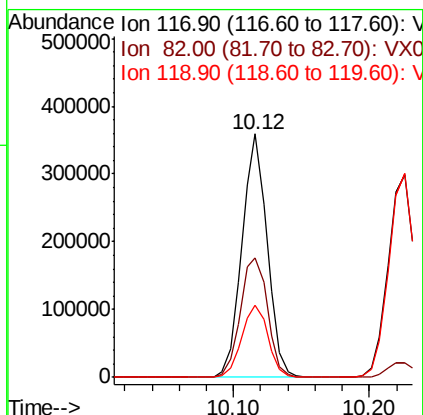
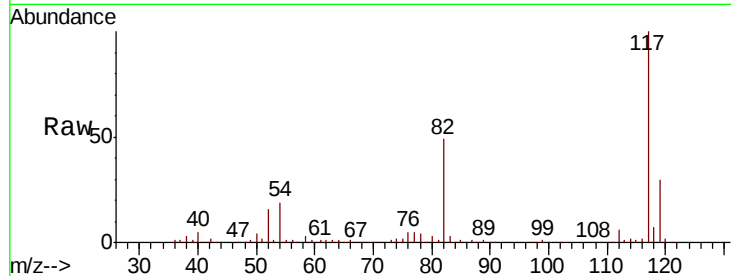




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

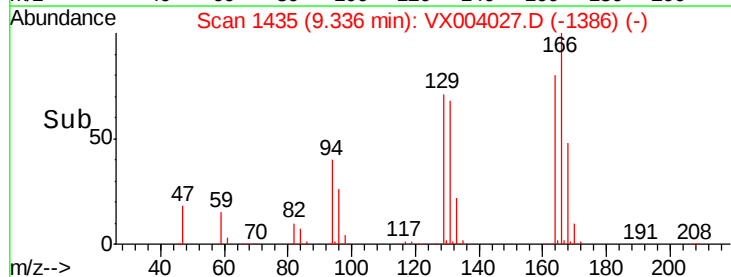
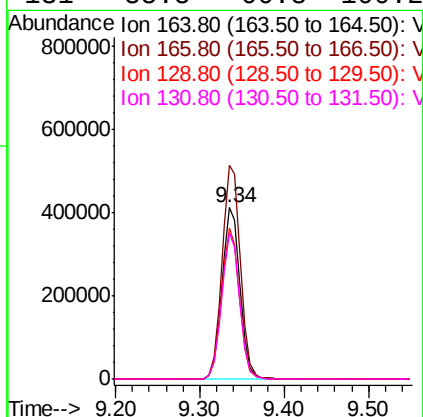
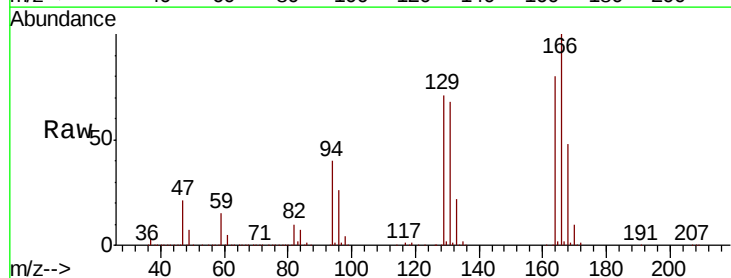
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

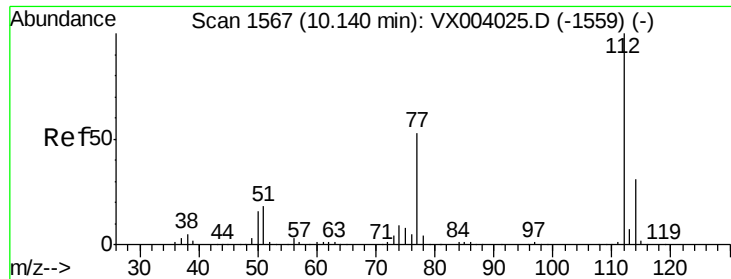
Tgt Ion:117 Resp: 463038  
Ion Ratio Lower Upper  
117 100  
82 49.2 45.4 68.0  
119 29.8 26.6 40.0



#64  
Tetrachloroethene  
Concen: 138.339 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion:164 Resp: 607115  
Ion Ratio Lower Upper  
164 100  
166 124.9 98.0 147.0  
129 88.1 64.3 96.5  
131 85.5 66.8 100.2

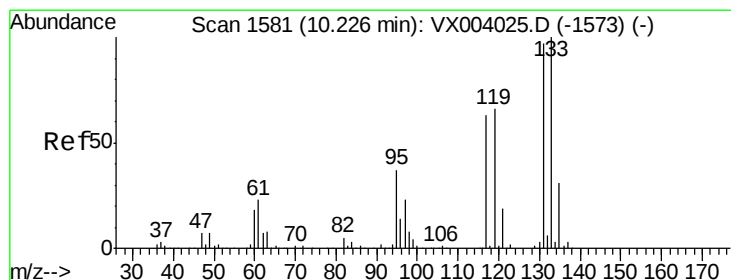
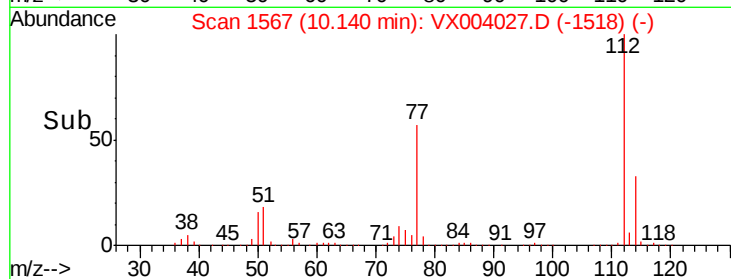
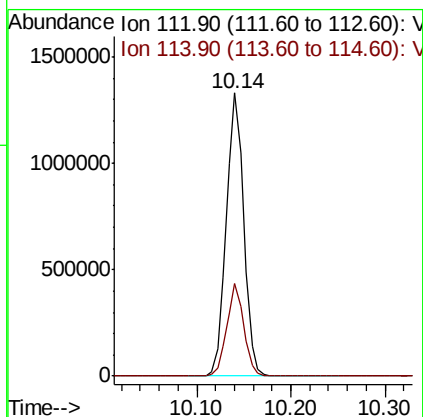
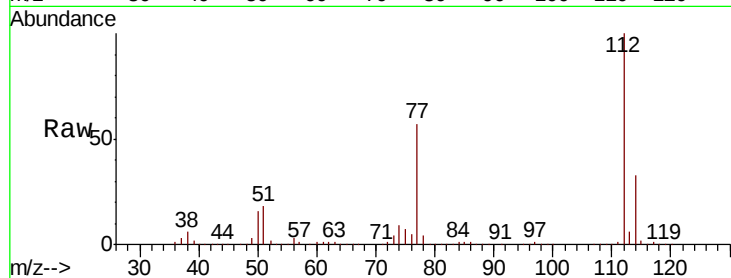




#65  
Chlorobenzene  
Concen: 143.273 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

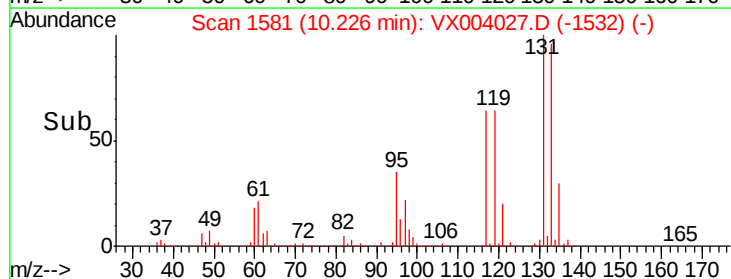
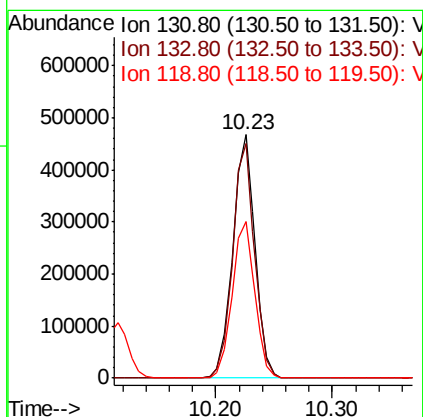
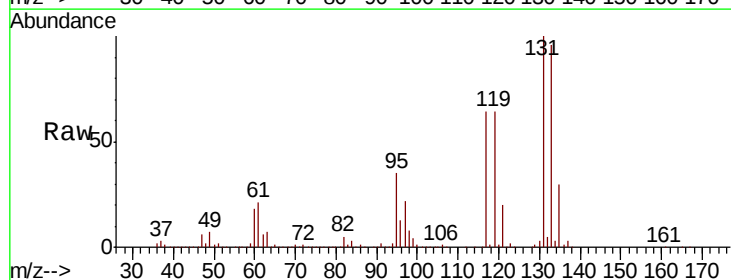
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

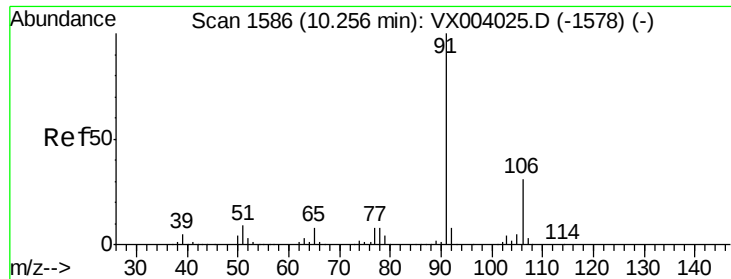
Tgt Ion:112 Resp: 1713665  
Ion Ratio Lower Upper  
112 100  
114 32.8 23.6 35.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 151.803 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion:131 Resp: 619271  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.3 141.8  
119 65.6 31.6 94.8

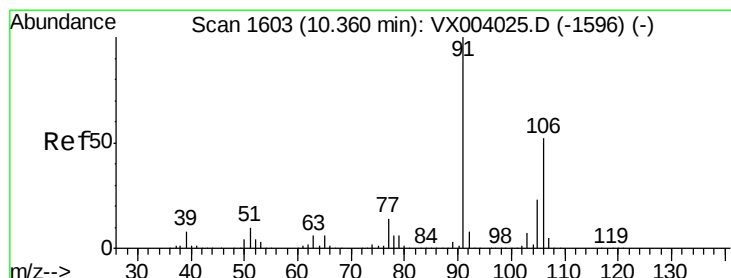
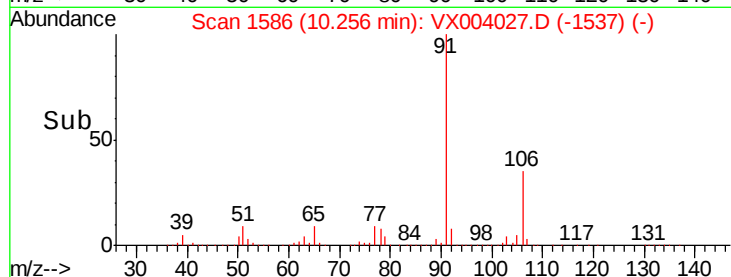
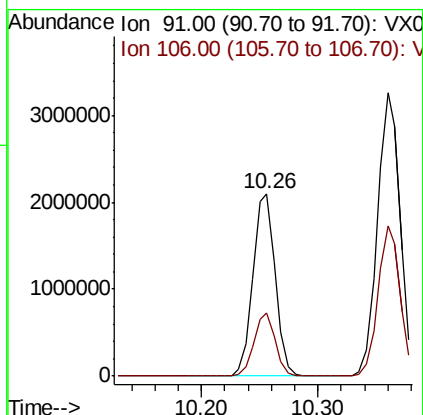
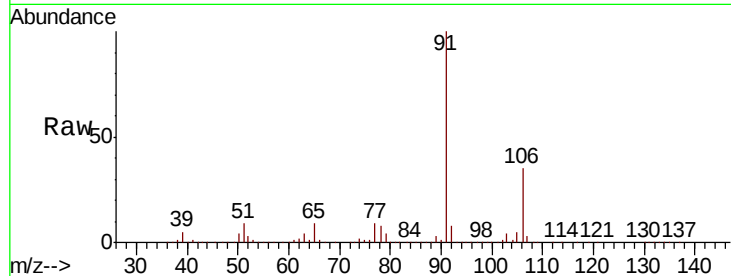




#67  
Ethyl Benzene  
Concen: 147.973 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

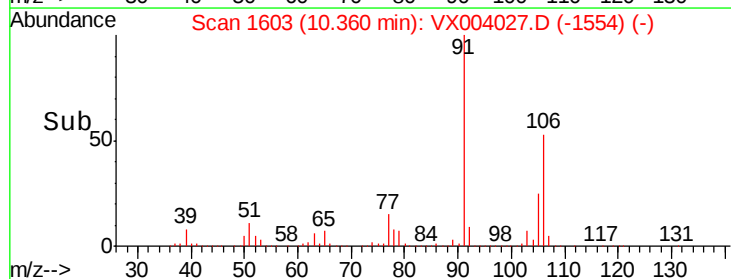
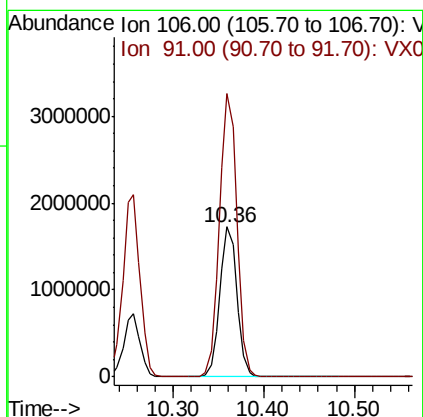
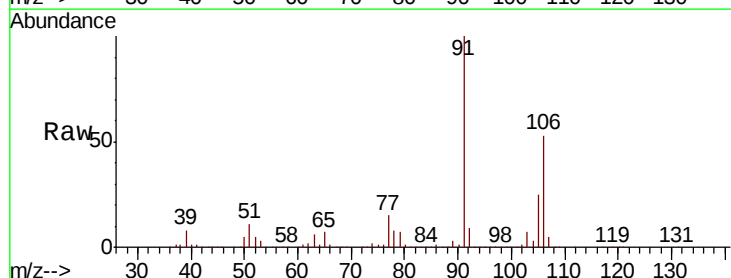
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

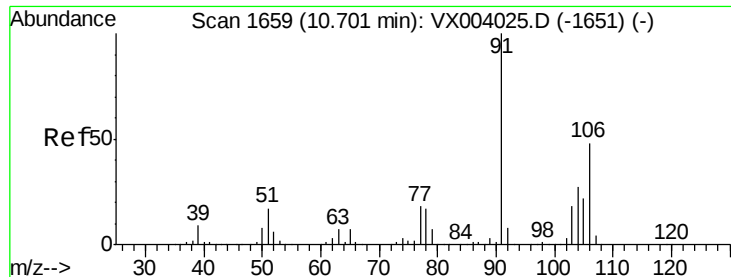
Tgt Ion: 91 Resp: 2802626  
Ion Ratio Lower Upper  
91 100  
106 34.8 25.9 38.9



#68  
m/p-Xylenes  
Concen: 307.304 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 106 Resp: 2279222  
Ion Ratio Lower Upper  
106 100  
91 192.9 162.3 243.5

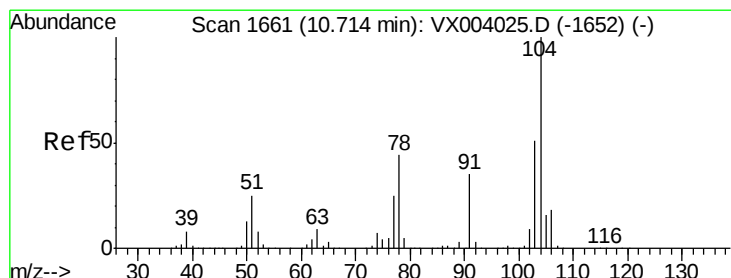
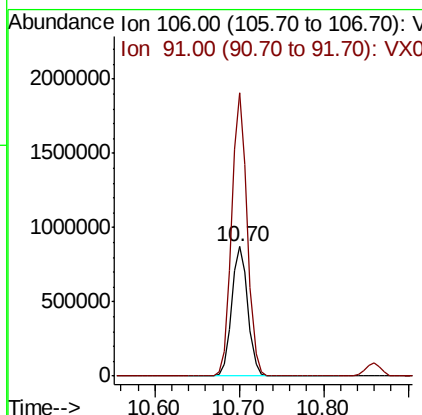
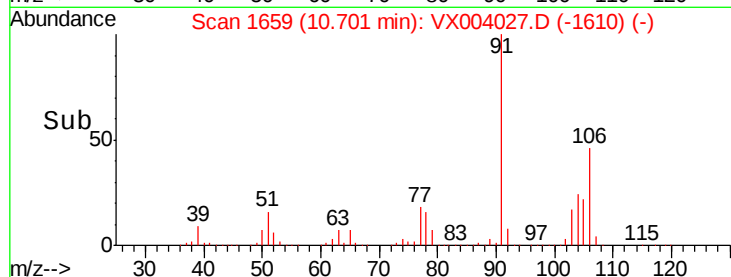
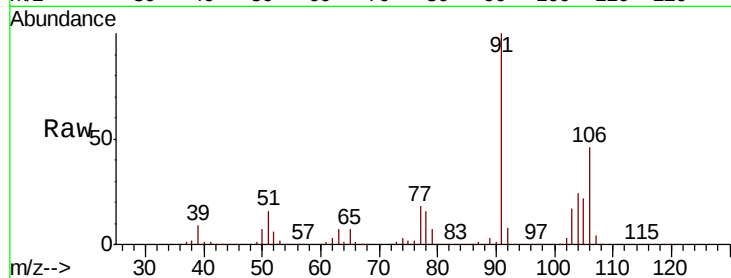




#69  
o-Xylene  
Concen: 160.524 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

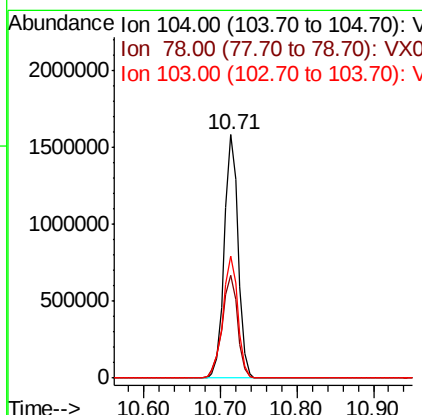
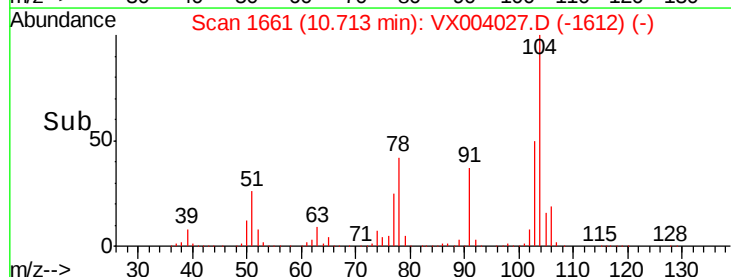
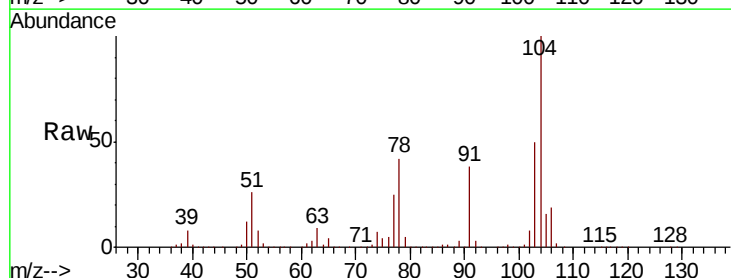
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

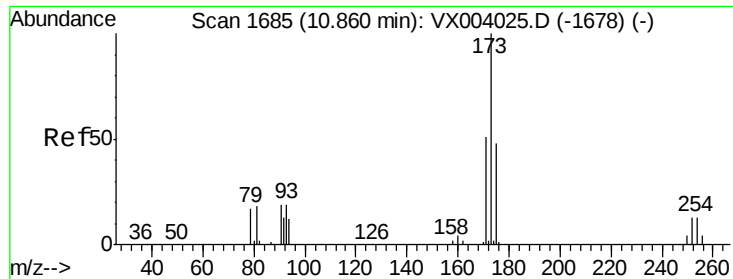
Tgt Ion:106 Resp: 1137816  
Ion Ratio Lower Upper  
106 100  
91 211.4 101.9 305.7



#70  
Styrene  
Concen: 165.708 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion:104 Resp: 1976716  
Ion Ratio Lower Upper  
104 100  
78 47.3 39.8 59.6  
103 54.3 44.3 66.5





#71

Bromoform

Concen: 174.507 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

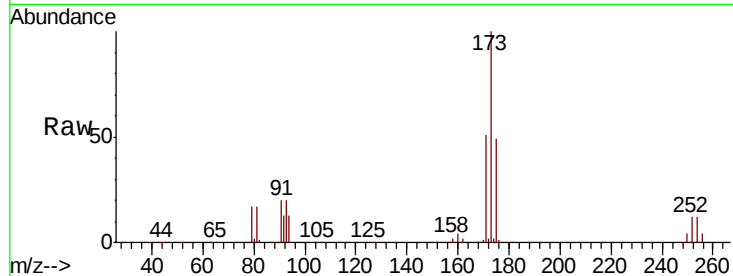
Tgt Ion:173 Resp: 564512

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

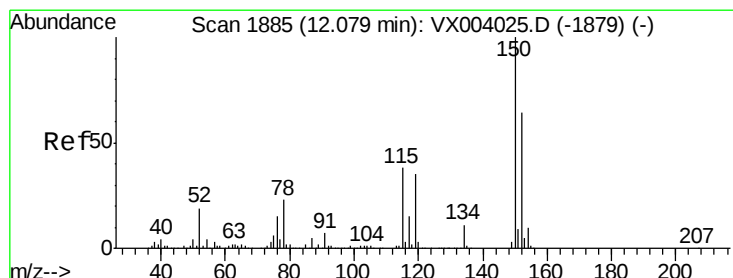
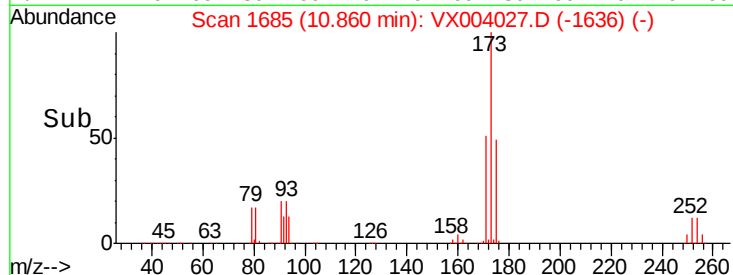
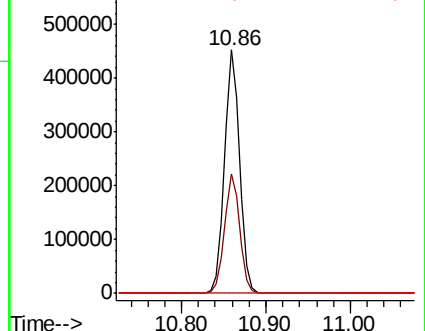
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

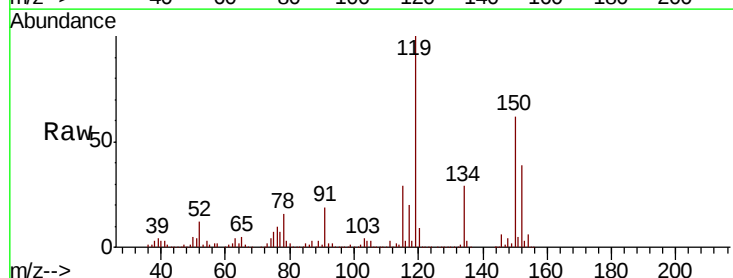
Tgt Ion:152 Resp: 304990

Ion Ratio Lower Upper

152 100

115 121.3 39.1 117.3#

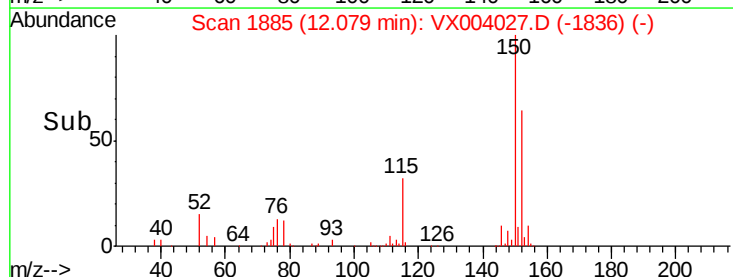
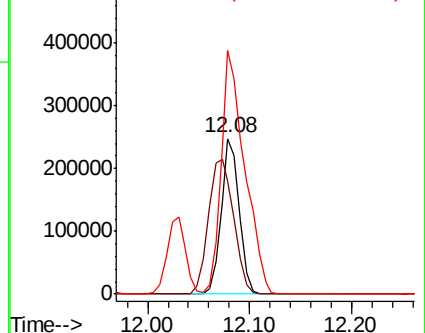
150 205.1 0.0 349.2

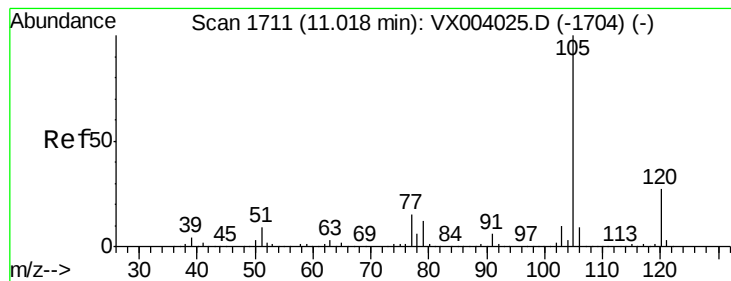


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 147.031 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampled :

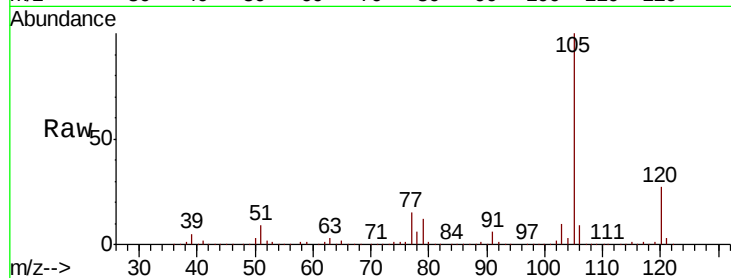
VSTDICC150

Tgt Ion:105 Resp: 3034637

Ion Ratio Lower Upper

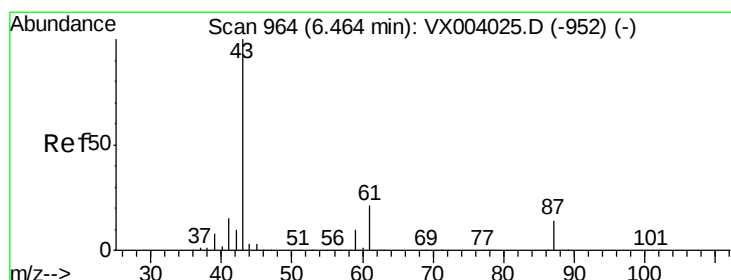
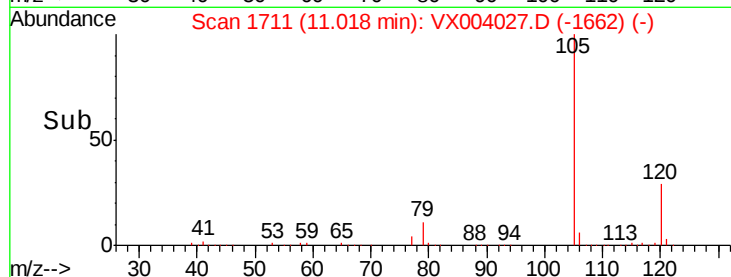
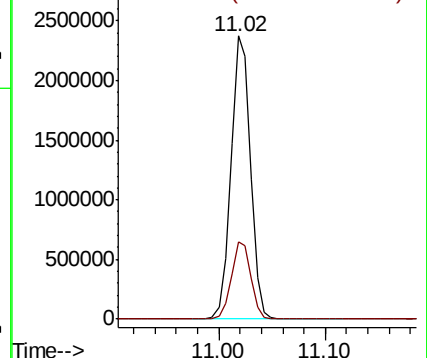
105 100

120 27.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 140.944 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Tgt Ion: 43 Resp: 1368261

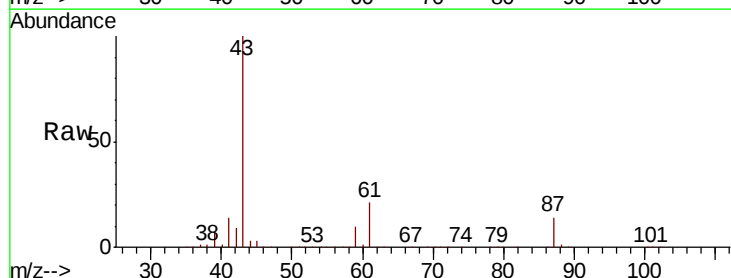
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1#

61 21.2 16.9 25.3

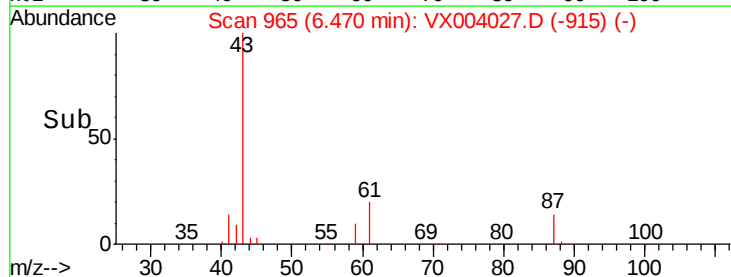
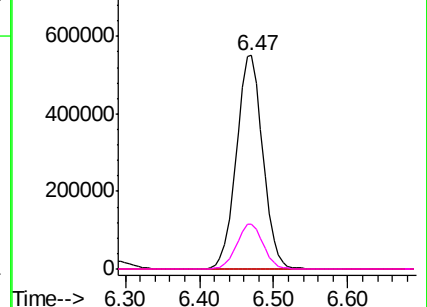


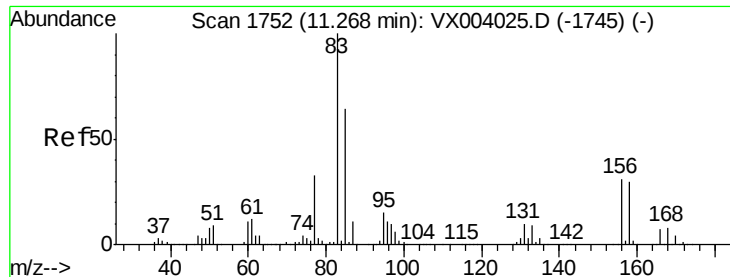
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 141.720 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

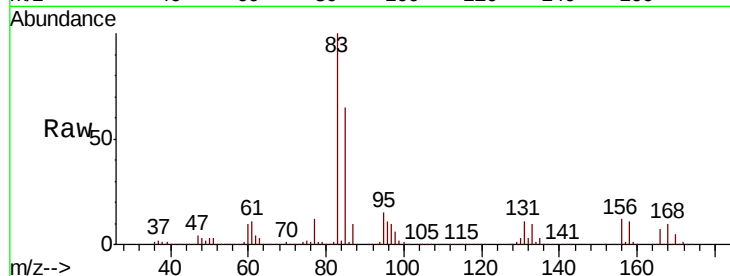
Tgt Ion: 83 Resp: 1021471

Ion Ratio Lower Upper

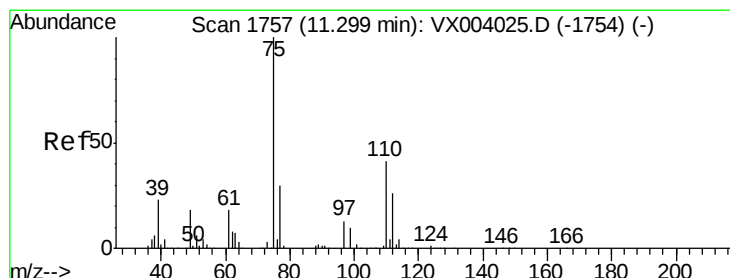
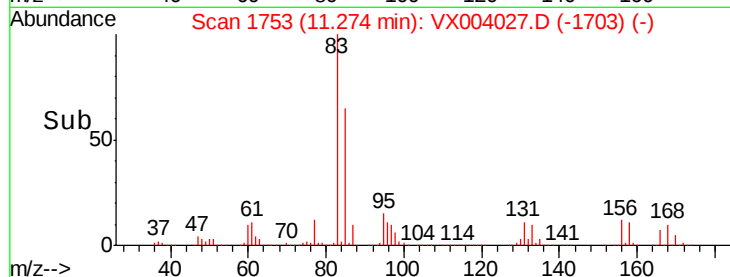
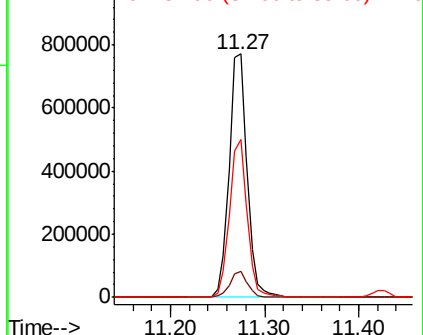
83 100

131 10.4 5.2 15.6

85 64.0 32.2 96.6



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



#76

1,2,3-Trichloropropane

Concen: 199.129 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004027.D

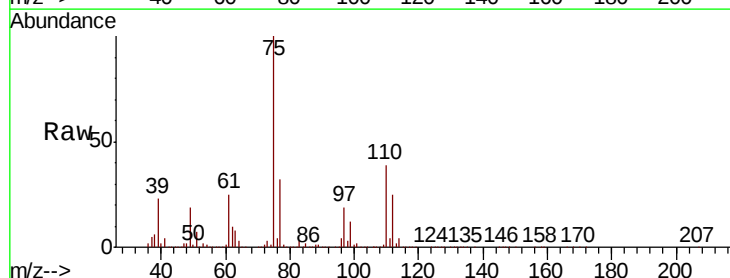
Acq: 14 Aug 2018 12:54

Tgt Ion: 75 Resp: 1217942

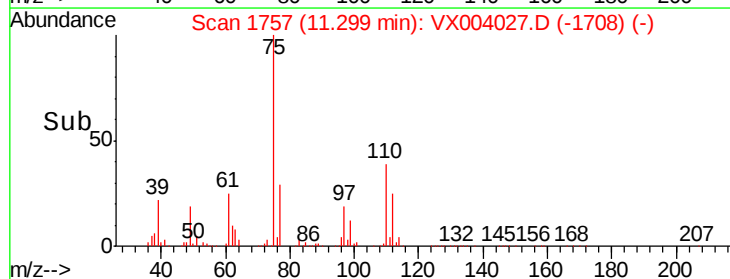
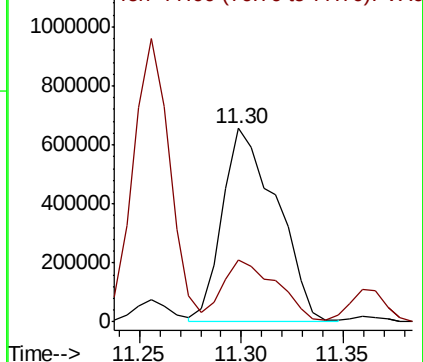
Ion Ratio Lower Upper

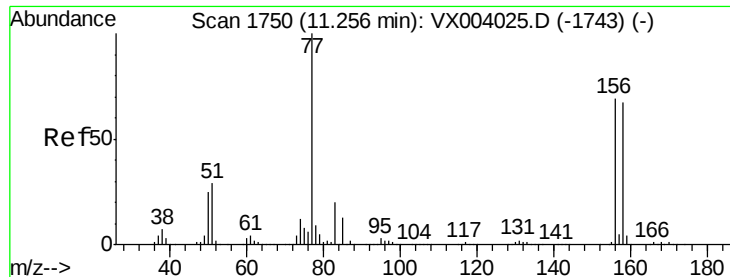
75 100

77 31.7 20.8 62.5



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





#77

Bromobenzene

Concen: 144.246 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

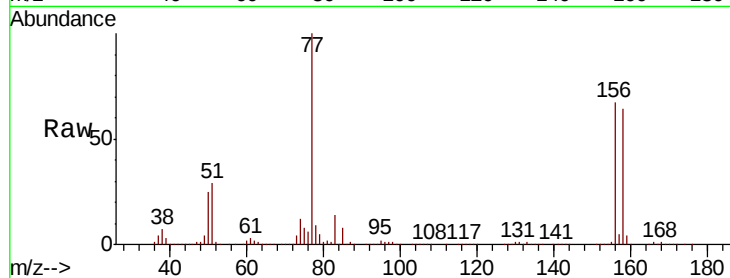
Tgt Ion:156 Resp: 820702

Ion Ratio Lower Upper

156 100

77 146.0 74.1 222.2

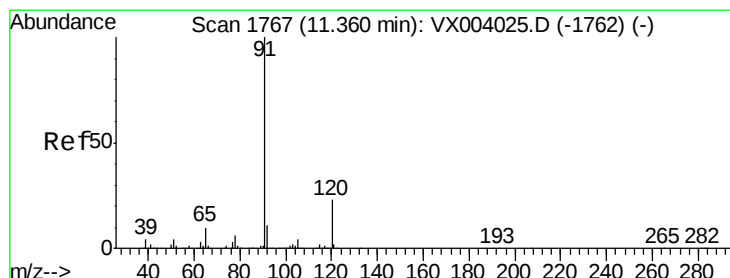
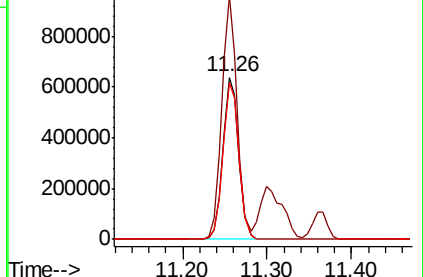
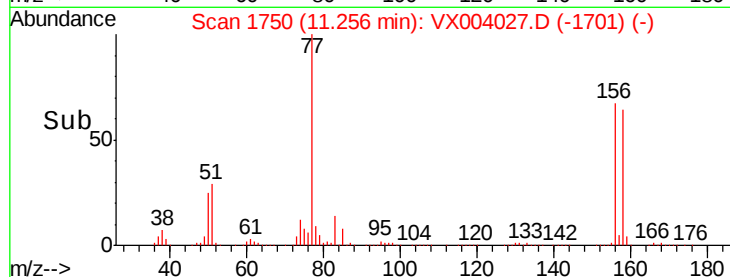
158 97.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 148.343 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004027.D

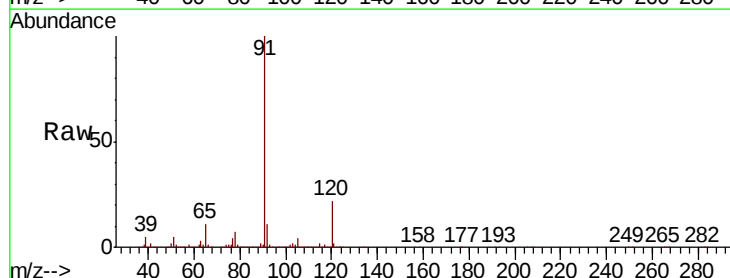
Acq: 14 Aug 2018 12:54

Tgt Ion: 91 Resp: 3426383

Ion Ratio Lower Upper

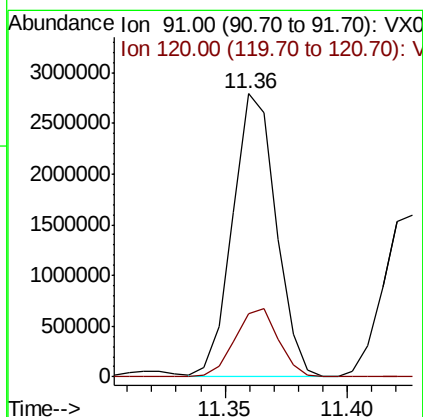
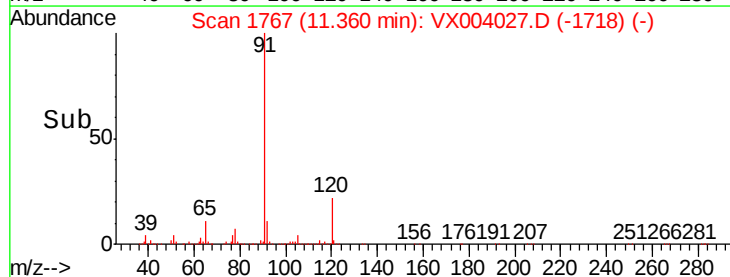
91 100

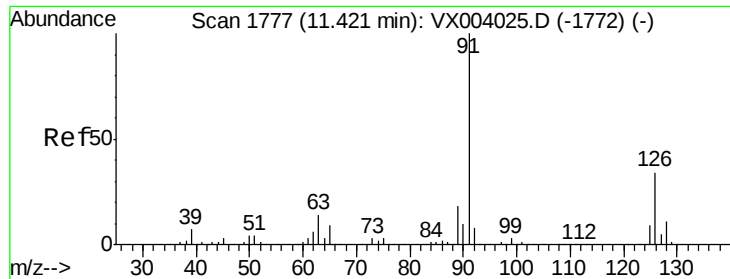
120 24.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 145.037 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

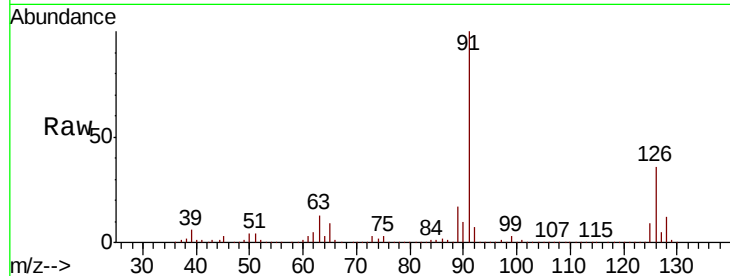
VSTDIC150

Tgt Ion: 91 Resp: 2041535

Ion Ratio Lower Upper

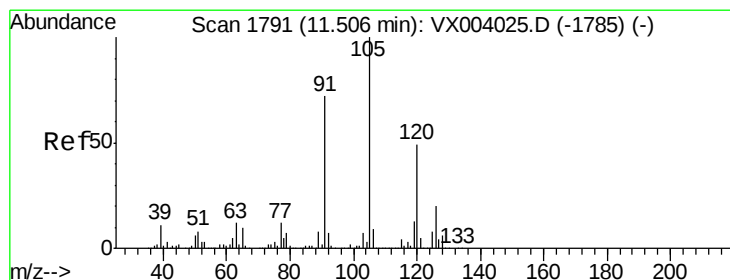
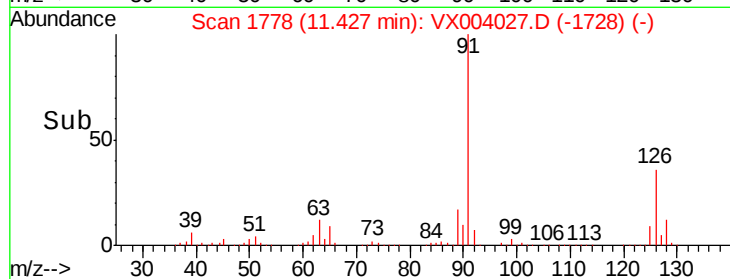
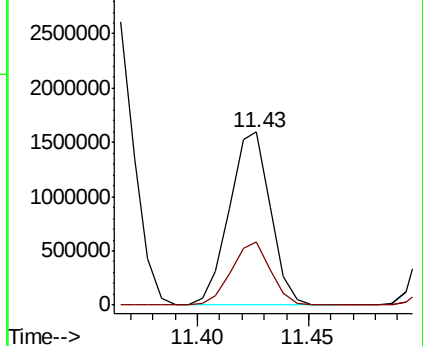
91 100

126 35.4 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 153.854 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX004027.D

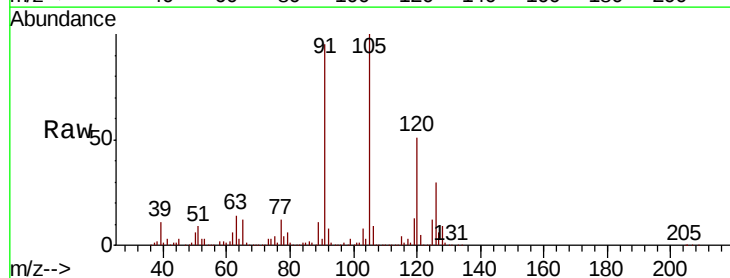
Acq: 14 Aug 2018 12:54

Tgt Ion: 105 Resp: 2600121

Ion Ratio Lower Upper

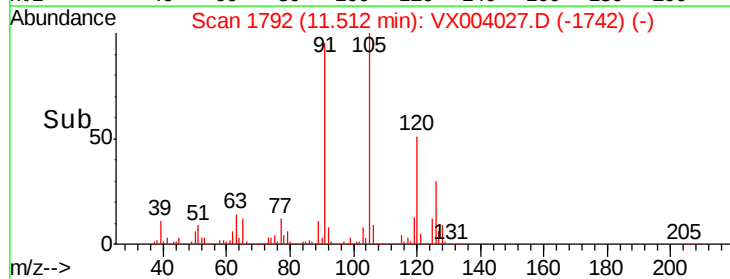
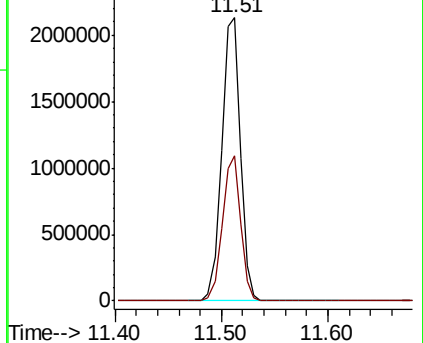
105 100

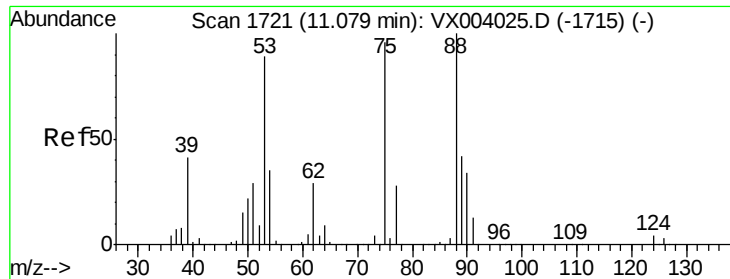
120 50.1 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

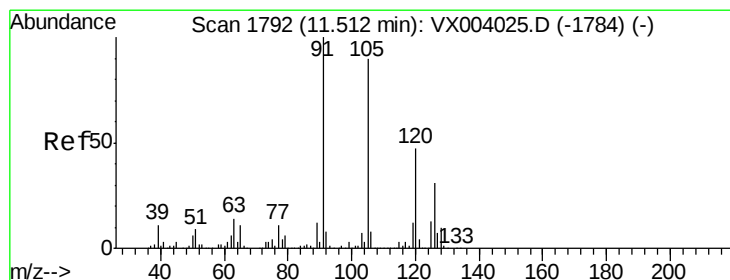
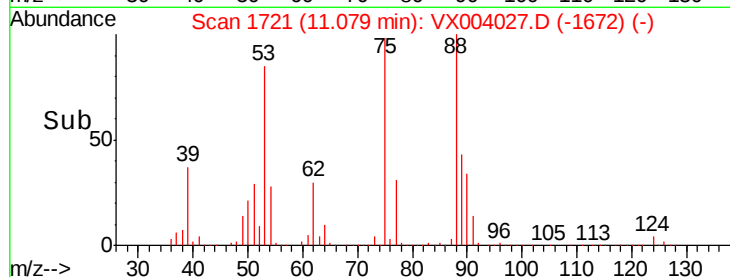
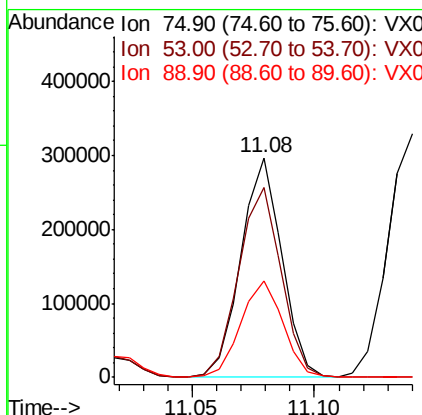
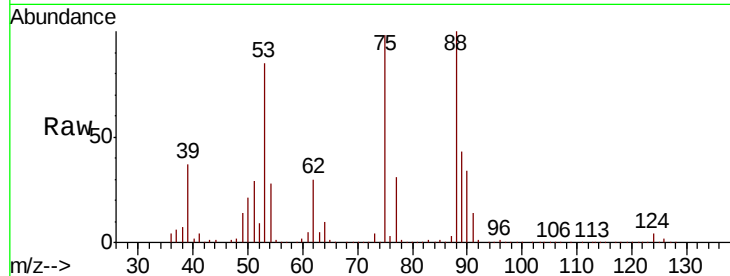




#81  
trans-1,4-Dichloro-2-butene  
Concen: 174.895 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

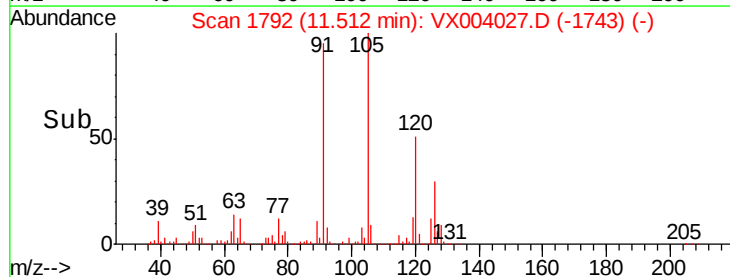
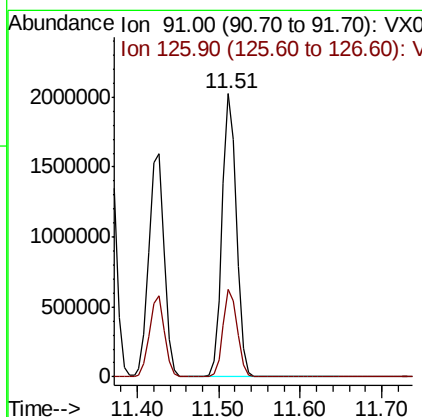
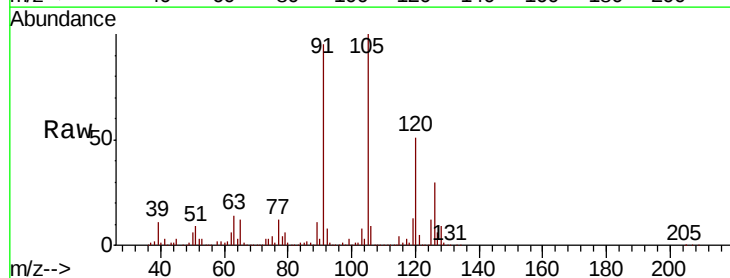
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

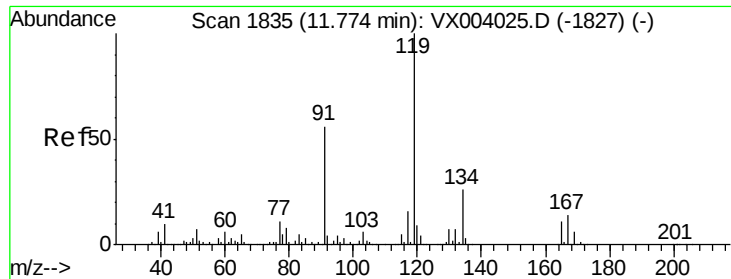
Tgt Ion: 75 Resp: 345567  
Ion Ratio Lower Upper  
75 100  
53 89.9 80.3 120.5  
89 45.2 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 150.266 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion: 91 Resp: 2500225  
Ion Ratio Lower Upper  
91 100  
126 30.7 15.6 46.7

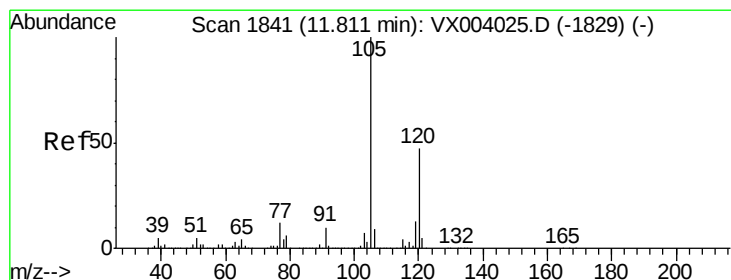
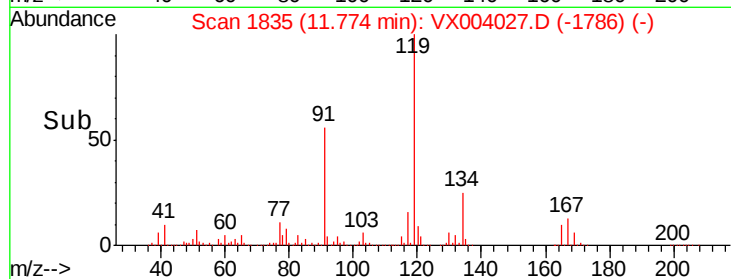
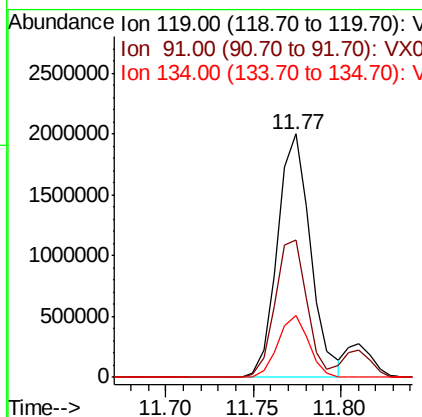
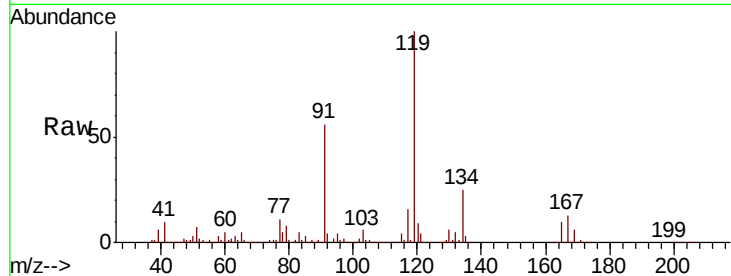




#83  
 tert-Butylbenzene  
 Concen: 154.770 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

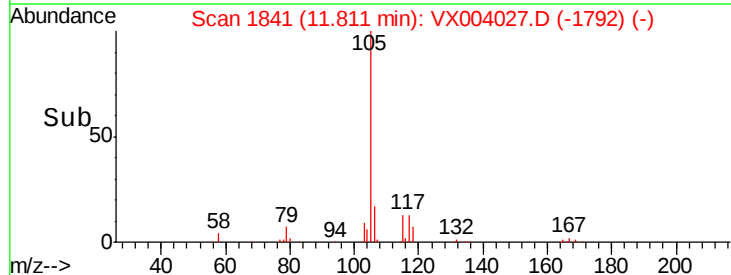
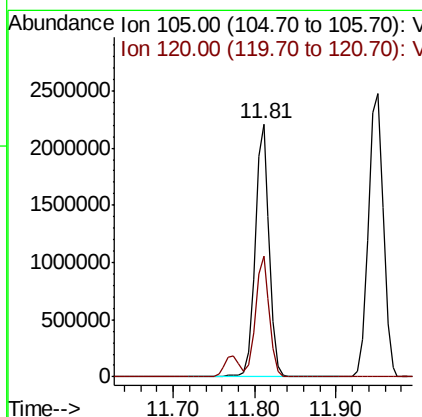
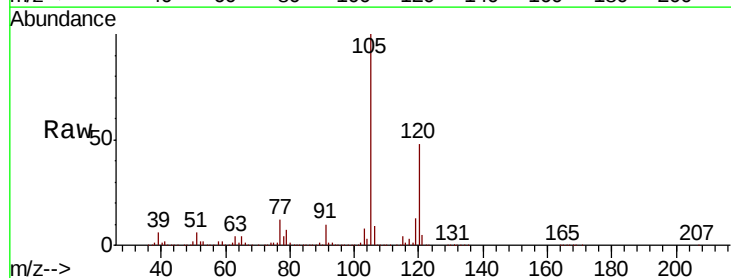
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

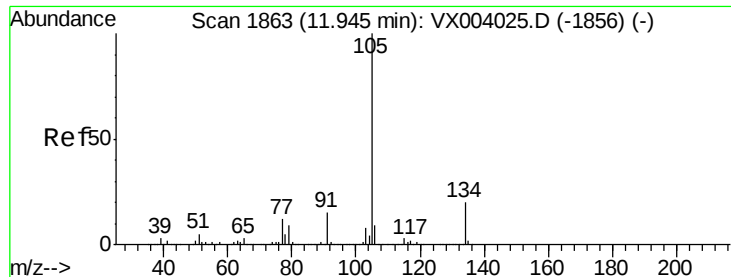
Tgt Ion:119 Resp: 2637179  
 Ion Ratio Lower Upper  
 119 100  
 91 54.0 26.9 80.7  
 134 23.9 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 152.603 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion:105 Resp: 2671048  
 Ion Ratio Lower Upper  
 105 100  
 120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 154.123 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

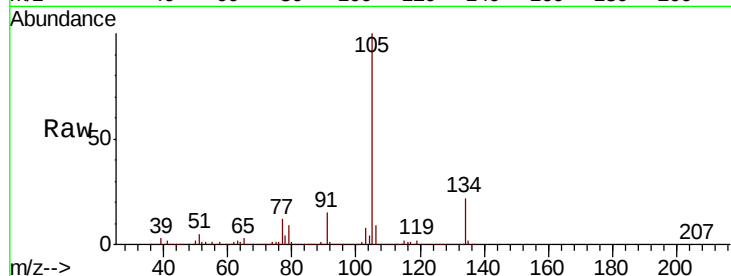
VSTDIC150

Tgt Ion:105 Resp: 3073685

Ion Ratio Lower Upper

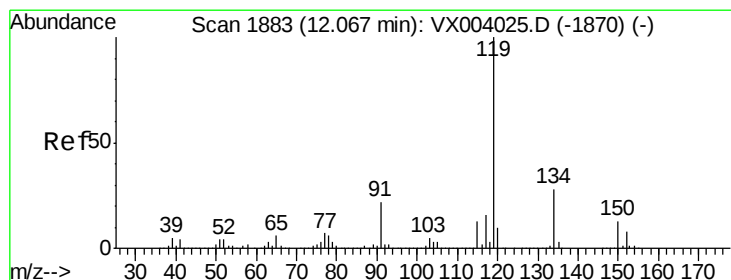
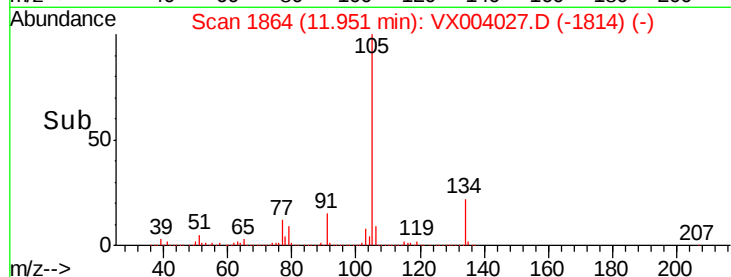
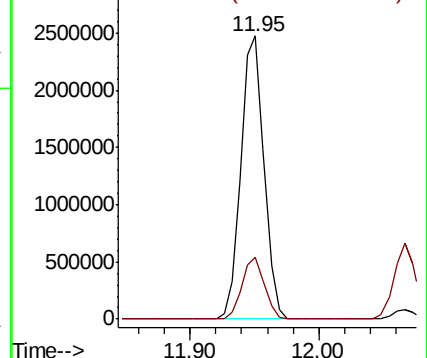
105 100

134 21.3 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 156.295 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

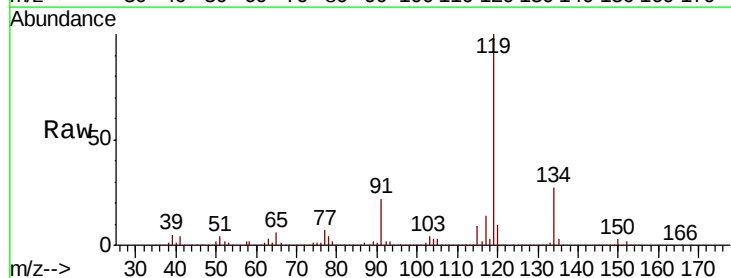
Tgt Ion:119 Resp: 2821825

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

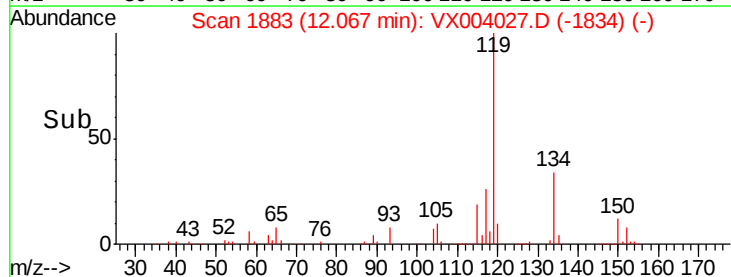
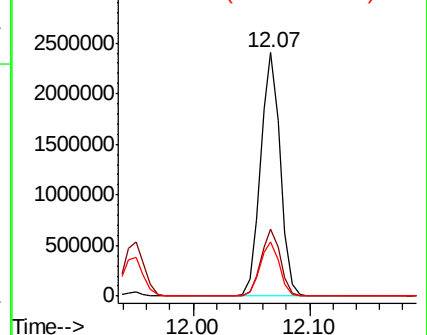
91 22.2 10.9 32.7

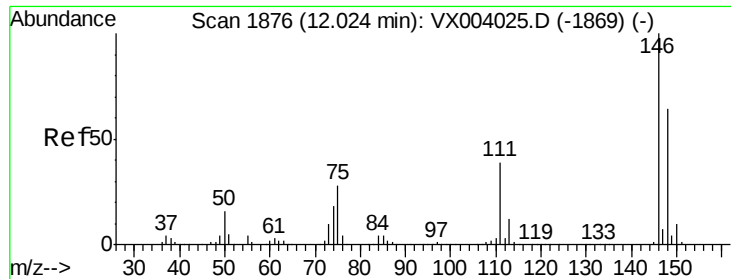


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 141.542 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

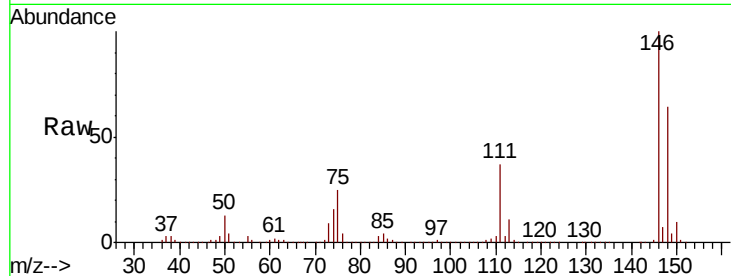
Tgt Ion:146 Resp: 1535928

Ion Ratio Lower Upper

146 100

111 37.9 18.8 56.4

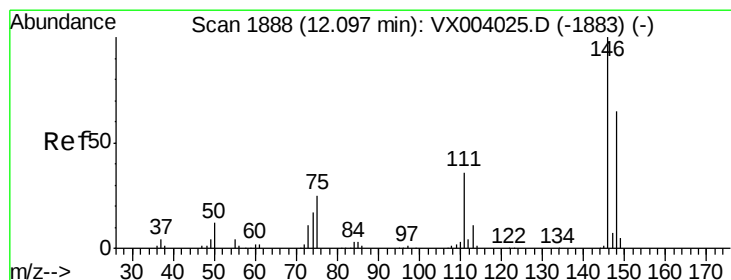
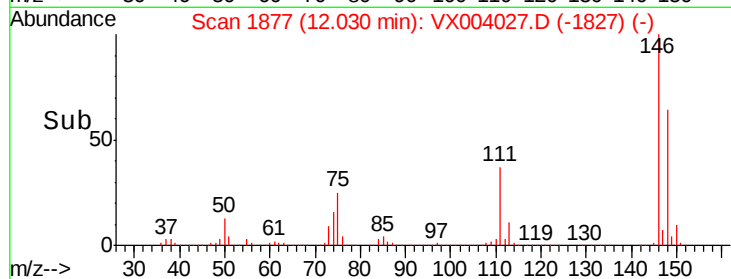
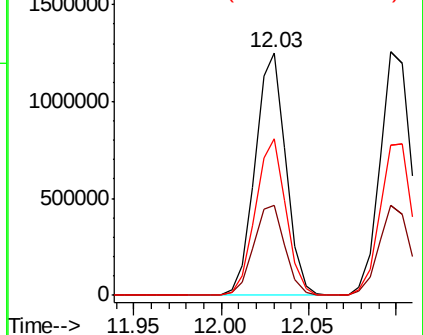
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 139.645 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

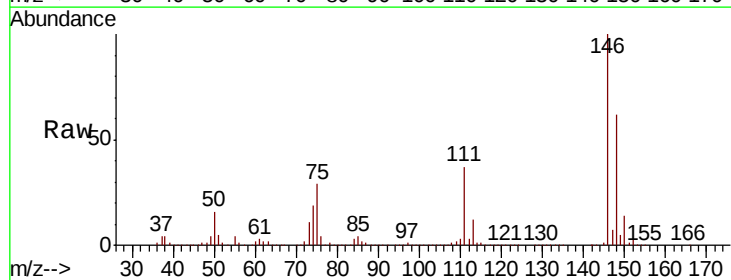
Tgt Ion:146 Resp: 1559589

Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.0

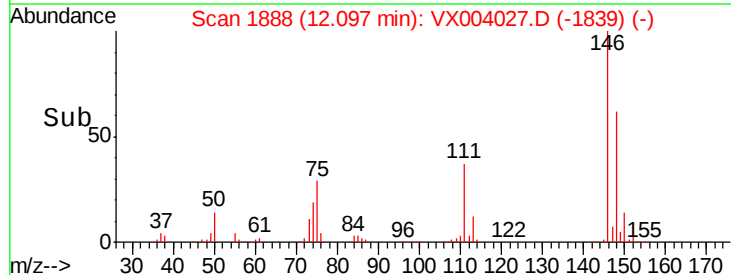
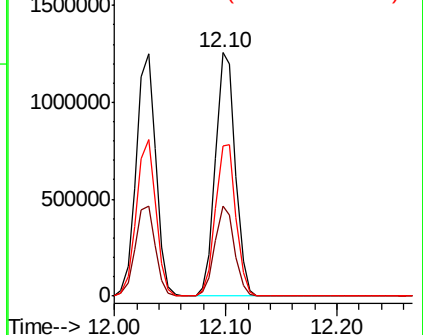
148 63.7 32.3 96.8

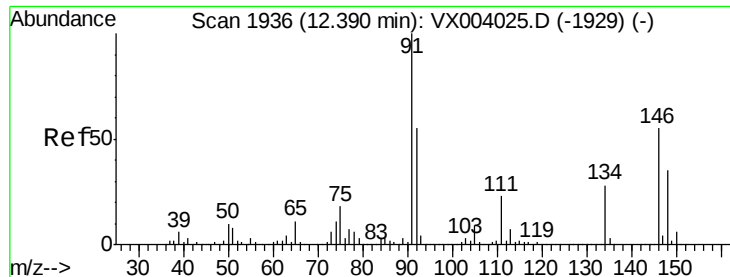


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 158.591 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004027.D

Acq: 14 Aug 2018 12:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

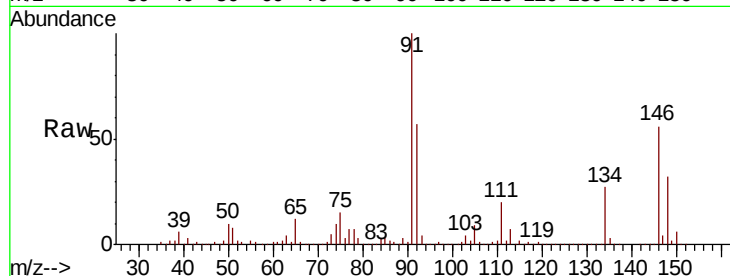
Tgt Ion: 91 Resp: 2256212

Ion Ratio Lower Upper

91 100

92 55.9 27.1 81.3

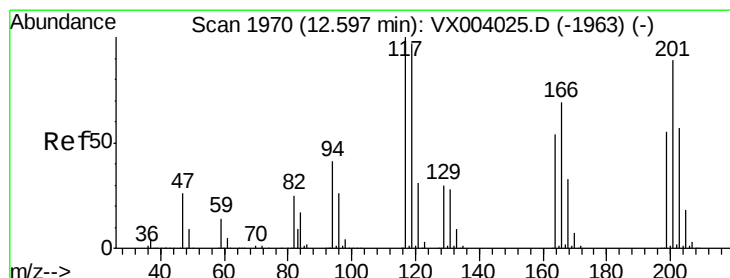
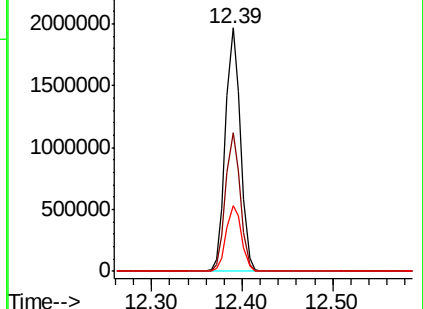
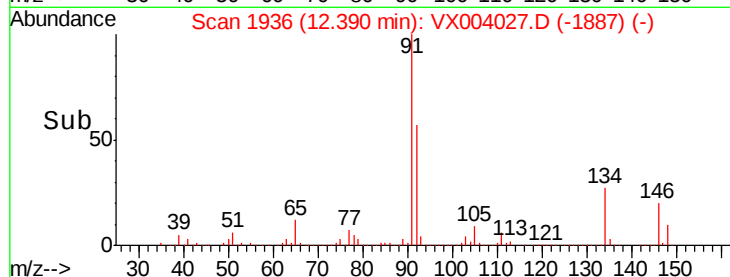
134 27.6 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004027.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX004027.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX004027.D (-1929) (-)



#90

Hexachloroethane

Concen: 159.297 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004027.D

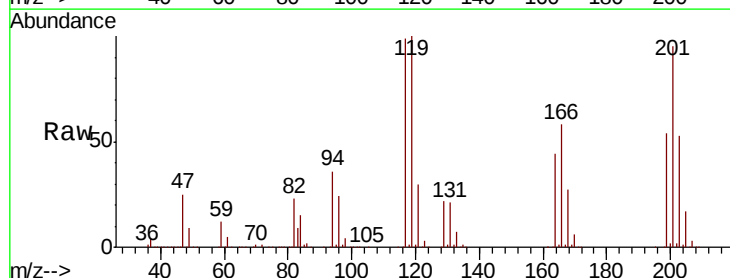
Acq: 14 Aug 2018 12:54

Tgt Ion: 117 Resp: 430326

Ion Ratio Lower Upper

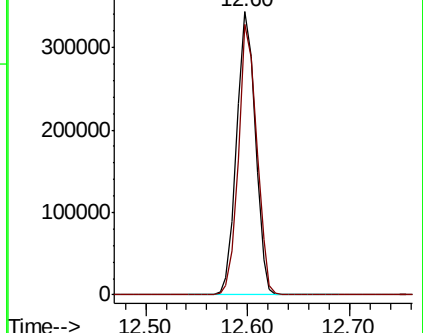
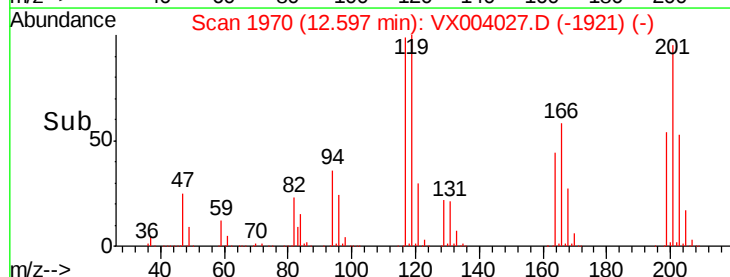
117 100

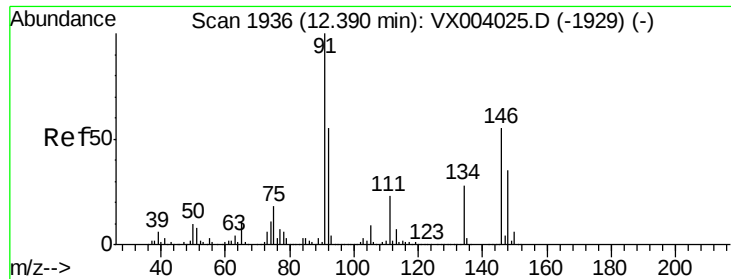
201 93.3 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX004027.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX004027.D (-1963) (-)

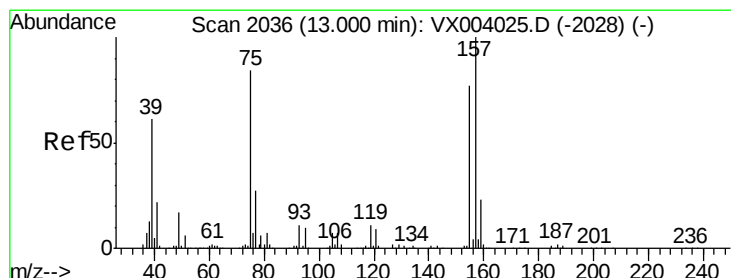
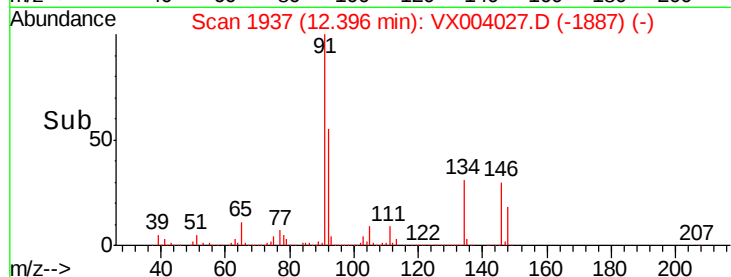
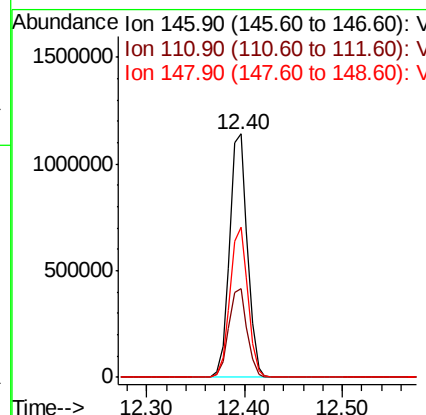
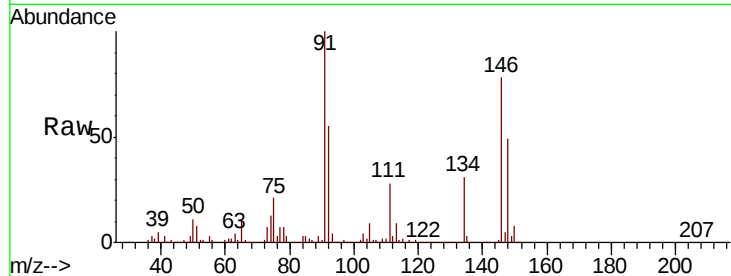




#91  
 1,2-Dichlorobenzene  
 Concen: 146.913 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.01 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

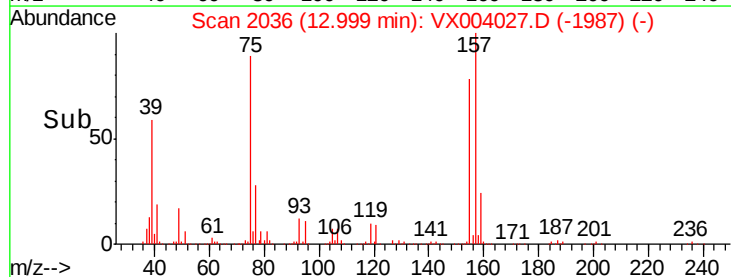
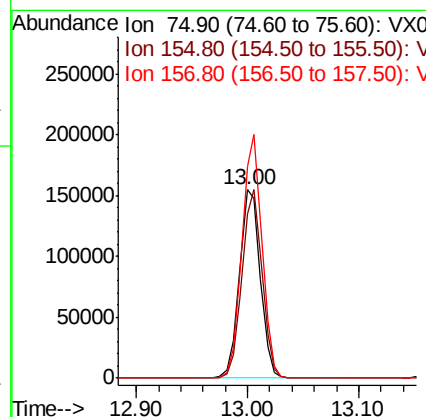
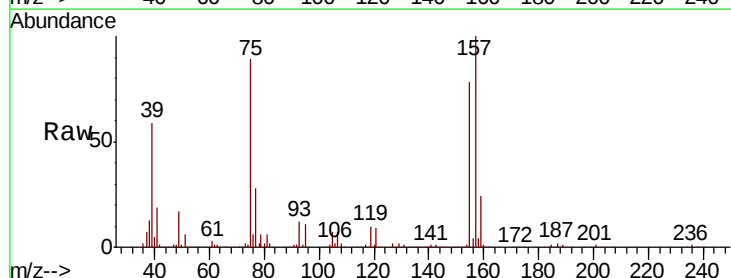
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

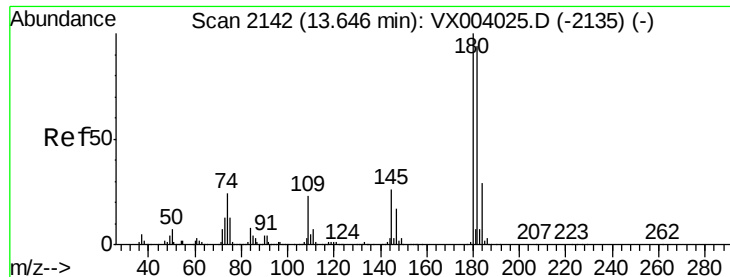
Tgt Ion:146 Resp: 1437750  
 Ion Ratio Lower Upper  
 146 100  
 111 37.5 19.7 59.0  
 148 62.0 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 156.921 ug/l  
 RT: 13.00 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion: 75 Resp: 198782  
 Ion Ratio Lower Upper  
 75 100  
 155 96.8 48.7 146.1  
 157 124.6 62.6 187.8

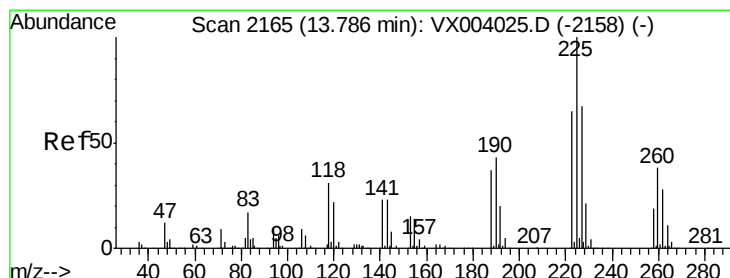
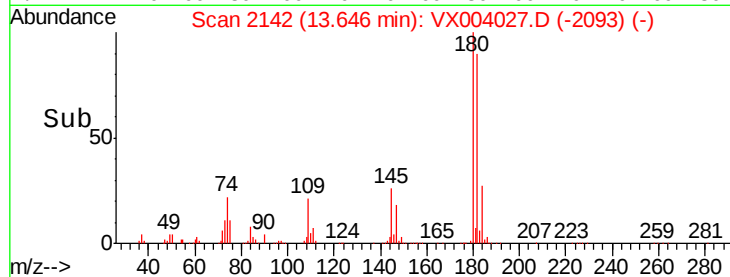
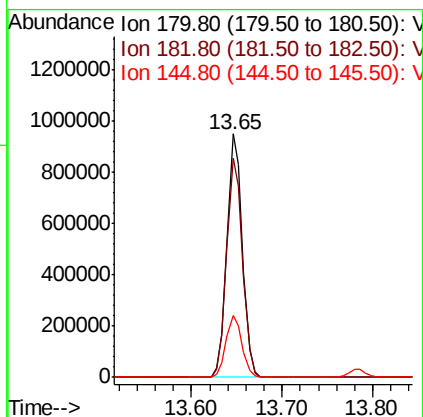
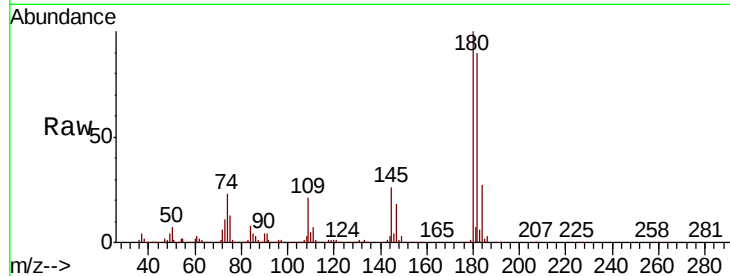




#93  
 1,2,4-Trichlorobenzene  
 Concen: 166.737 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

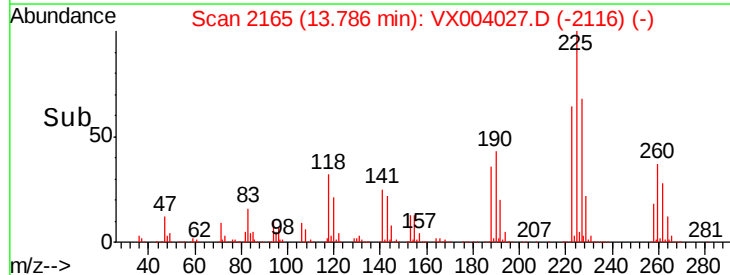
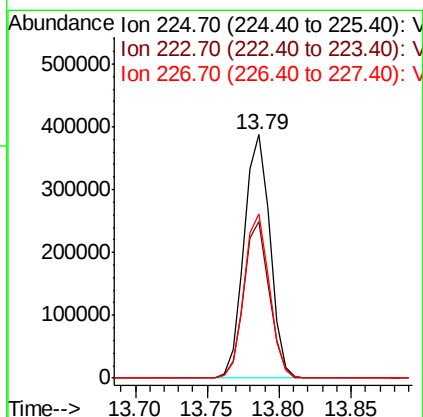
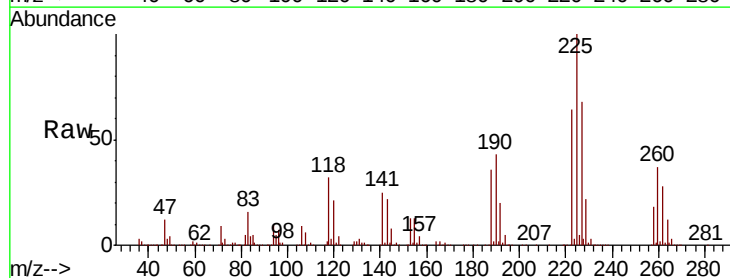
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

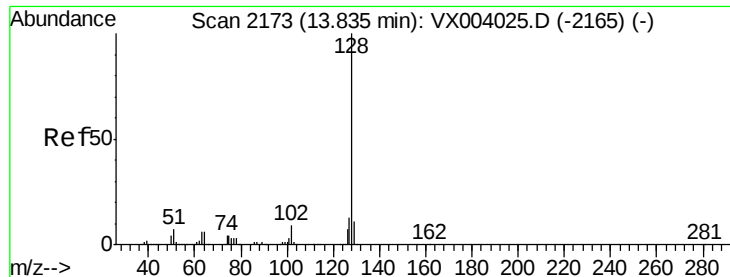
Tgt Ion:180 Resp: 1115430  
 Ion Ratio Lower Upper  
 180 100  
 182 92.7 47.7 143.1  
 145 26.7 13.9 41.6



#94  
 Hexachlorobutadiene  
 Concen: 143.841 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX004027.D  
 Acq: 14 Aug 2018 12:54

Tgt Ion:225 Resp: 482352  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.4 94.0  
 227 65.4 32.1 96.5

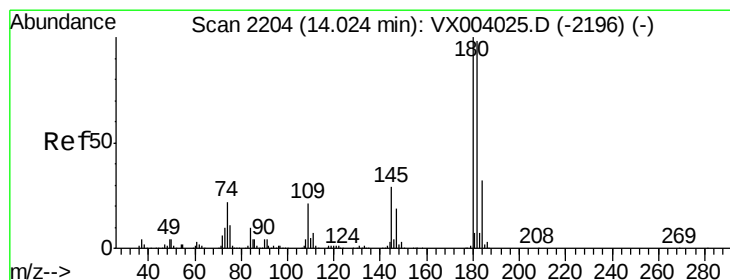
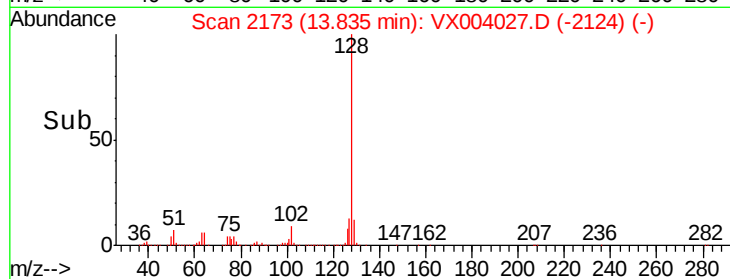
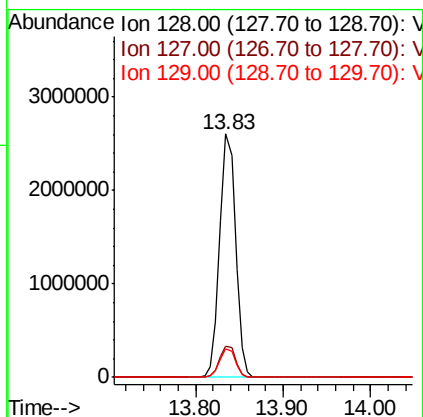
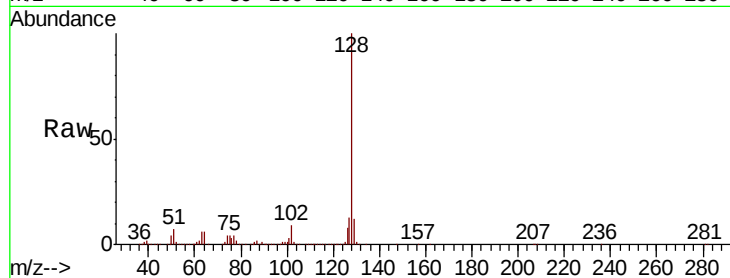




#95  
Naphthalene  
Concen: 150.398 ug/l  
RT: 13.83 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 3257322  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.2  
129 11.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 158.049 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: VX004027.D  
Acq: 14 Aug 2018 12:54

Tgt Ion:180 Resp: 1152914  
Ion Ratio Lower Upper  
180 100  
182 96.0 48.1 144.4  
145 29.6 14.9 44.7

