

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX080719\  
 Data File : VX011377.D  
 Acq On : 07 Aug 2019 20:48  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 08 07:07:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 159469   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 240425   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 225954   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 122186   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 88124    | 54.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.74% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 77531    | 49.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.78%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 289522   | 48.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.72%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 108879   | 51.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.94% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 58077   | 47.154  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 64651   | 46.744  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 71295   | 46.862  | ug/l | 99     |
| 5) Bromomethane               | 1.63 | 94  | 45576   | 42.004  | ug/l | 96     |
| 6) Chloroethane               | 1.71 | 64  | 48468   | 51.539  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 132433  | 48.956  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 45475   | 47.079  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 72234   | 49.351  | ug/l | 97     |
| 10) Methyl Iodide             | 2.50 | 142 | 93043   | 50.421  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 88887   | 277.564 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 70591   | 48.653  | ug/l | 93     |
| 13) Acrolein                  | 2.29 | 56  | 44613   | 224.127 | ug/l | 94     |
| 14) Allyl chloride            | 2.72 | 41  | 107913  | 55.790  | ug/l | 96     |
| 15) Acrylonitrile             | 3.13 | 53  | 208705  | 273.106 | ug/l | 97     |
| 16) Acetone                   | 2.43 | 43  | 178803  | 233.914 | ug/l | 95     |
| 17) Carbon Disulfide          | 2.56 | 76  | 169588  | 49.809  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 98106   | 56.161  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 236840  | 55.391  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 83045   | 49.607  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 76650   | 49.941  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.85 | 45  | 234424  | 55.143  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.81 | 43  | 1025361 | 290.804 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 133716  | 53.342  | ug/l | 100    |
| 25) 2-Butanone                | 4.67 | 43  | 295956  | 272.180 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 98286   | 50.438  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 90432   | 51.154  | ug/l | 97     |
| 28) Bromochloromethane        | 5.01 | 49  | 59161   | 51.769  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.12 | 42  | 186472  | 279.690 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 148609  | 54.546  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 107049  | 51.762  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 129446  | 55.463  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 102857  | 49.000  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.82 | 43  | 112027  | 53.205  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 115215  | 54.556  | ug/l | 97     |

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 Sample : VSTDCCC050  
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Aug 08 07:07:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 115188   | 46.294  | ug/l  | 97       |
| 40) Benzene                    | 6.13  | 78   | 319725   | 51.042  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 61043    | 53.084  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 116561   | 55.029  | ug/l  | 98       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 179857   | 53.428  | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 93584    | 49.358  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 81108    | 49.997  | ug/l  | 96       |
| 46) Dibromomethane             | 7.66  | 93   | 60249    | 50.874  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 111799   | 55.758  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 89725    | 56.636  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 44128    | 960.792 | ug/l  | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 608383   | 280.036 | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 210671   | 50.868  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 117826   | 50.433  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 128879   | 55.025  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 91328    | 53.633  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 134684   | 55.503  | ug/l  | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 141568   | 52.569  | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 321980   | 269.858 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 470789   | 279.773 | ug/l  | 98       |
| 60) Dibromochloromethane       | 9.58  | 129  | 98568    | 56.539  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 96118    | 52.246  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 102977   | 53.665  | ug/l  | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 240721   | 49.687  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 90362    | 54.480  | ug/l  | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 417695   | 51.480  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 320625   | 102.163 | ug/l  | 96       |
| 69) o-Xylene                   | 10.69 | 106  | 157411   | 51.048  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 274868   | 53.872  | ug/l  | 98       |
| 71) Bromoform                  | 10.85 | 173  | 74654    | 50.320  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 429218   | 51.362  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 169692   | 56.198  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 141501   | 50.811  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 158176   | 71.085  | ug/l  | 84       |
| 77) Bromobenzene               | 11.25 | 156  | 115317   | 49.764  | ug/l  | 96       |
| 78) n-propylbenzene            | 11.36 | 91   | 477566   | 51.389  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 286314   | 51.691  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 359756   | 51.427  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 40553    | 48.786  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 336000   | 52.051  | ug/l  | 97       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 355105   | 51.758  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 366515   | 52.624  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 419667   | 50.911  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 386783   | 51.004  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 205818   | 50.268  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 204108   | 48.344  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 332784   | 50.936  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 61462    | 54.820  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 204437   | 49.694  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 31016    | 57.486  | ug/l  | 94       |

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Acq On : 07 Aug 2019 20:48  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

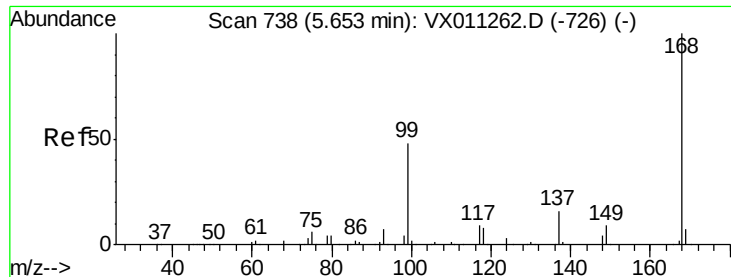
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Aug 08 07:07:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 135984   | 49.842 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 65234    | 47.127 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 435375   | 54.568 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 138654   | 49.990 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

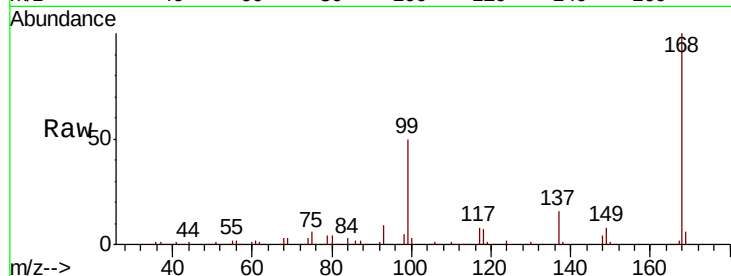
VSTDCCC050EC

Tgt Ion:168 Resp: 159469

Ion Ratio Lower Upper

168 100

99 49.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

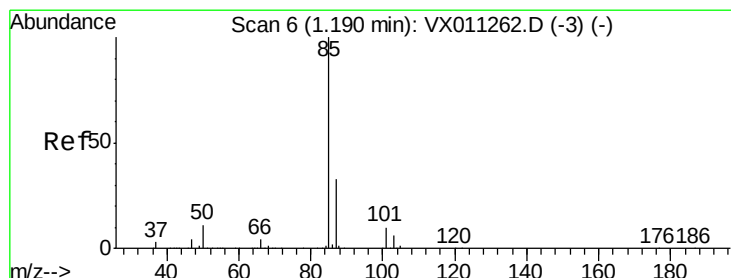
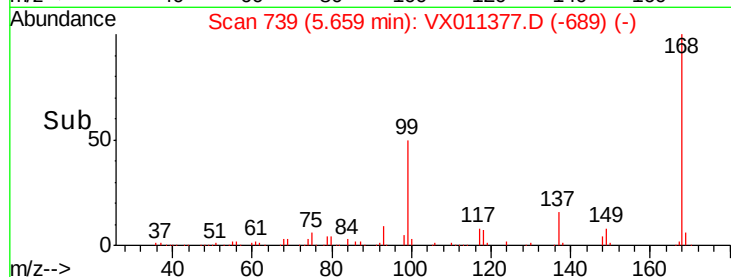
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.154 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011377.D

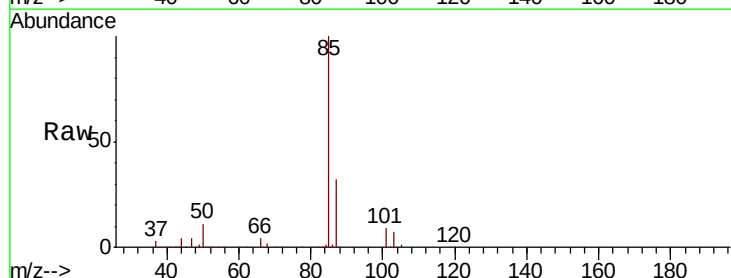
Acq: 07 Aug 2019 20:48

Tgt Ion: 85 Resp: 58077

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

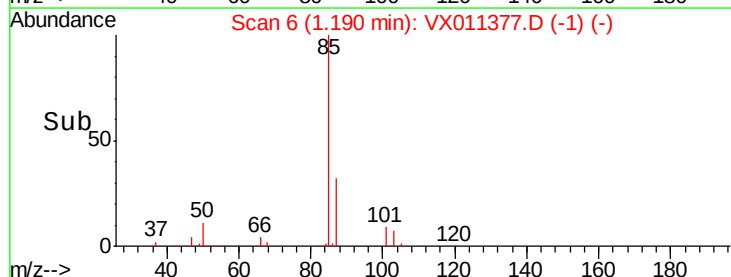
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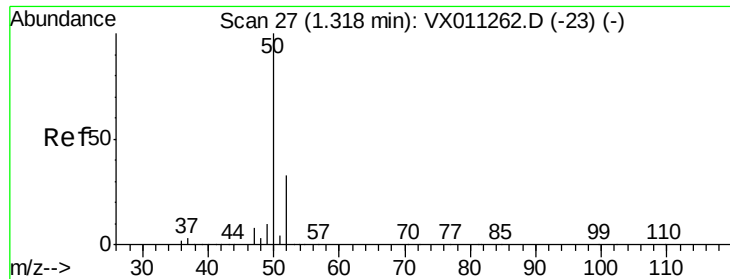
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.744 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

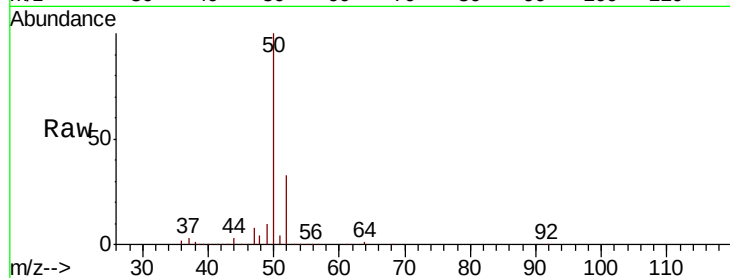
VSTDCCC050EC

Tgt Ion: 50 Resp: 64651

Ion Ratio Lower Upper

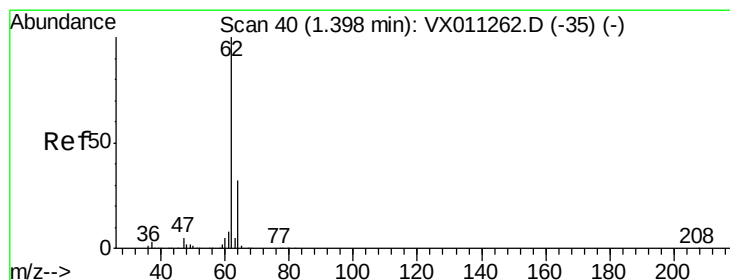
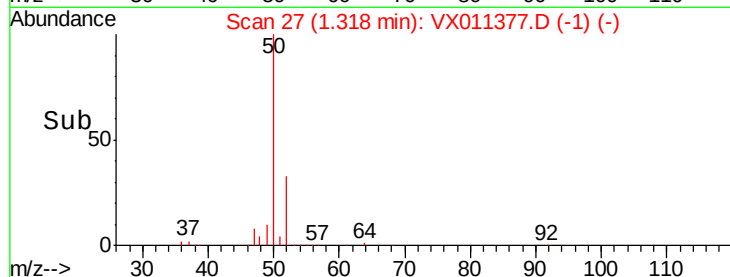
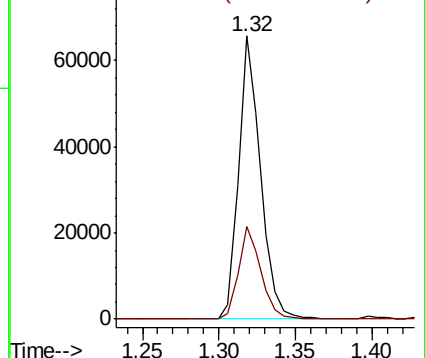
50 100

52 32.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.862 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011377.D

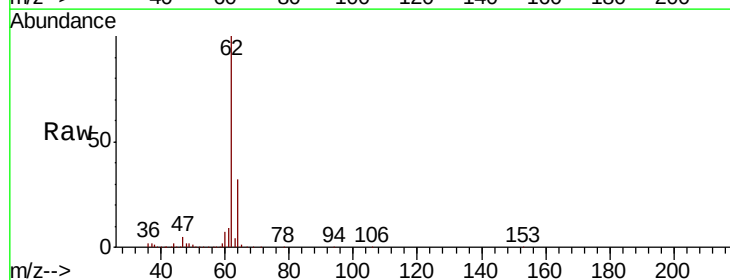
Acq: 07 Aug 2019 20:48

Tgt Ion: 62 Resp: 71295

Ion Ratio Lower Upper

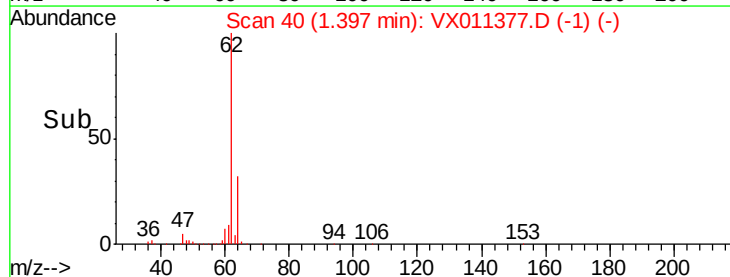
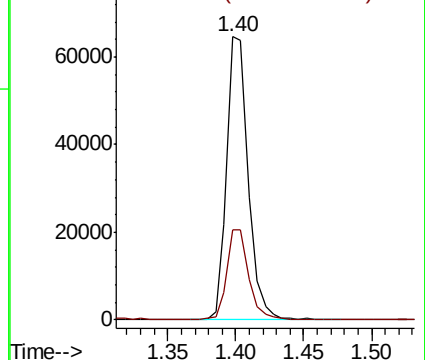
62 100

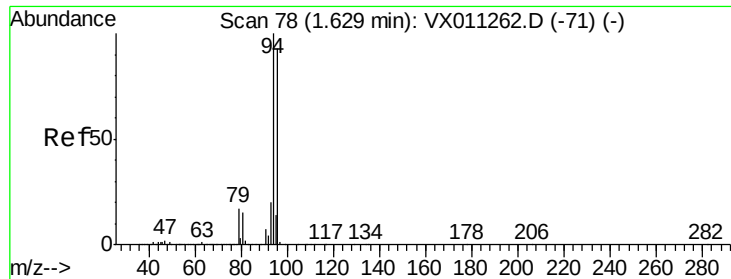
64 31.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.004 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

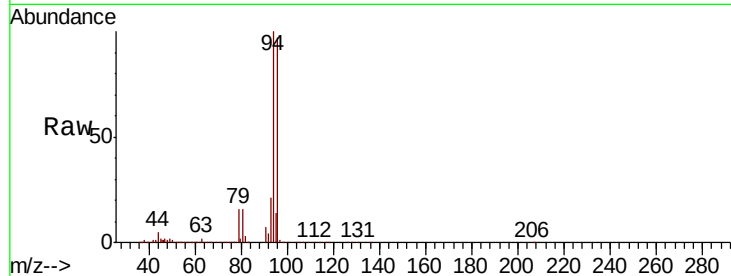
VSTDCCC050EC

Tgt Ion: 94 Resp: 45576

Ion Ratio Lower Upper

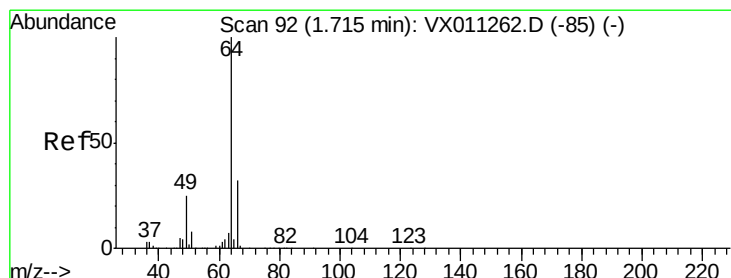
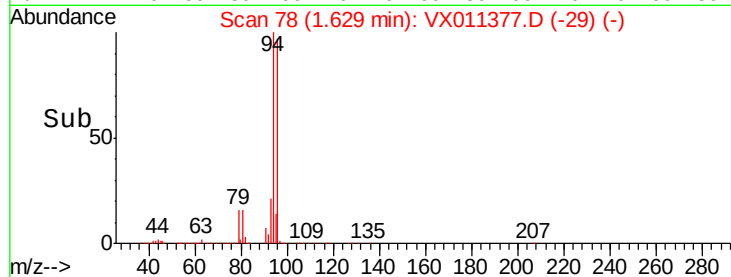
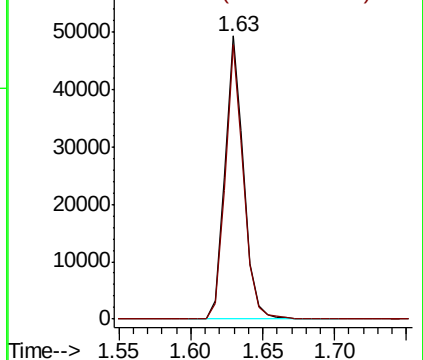
94 100

96 97.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.539 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011377.D

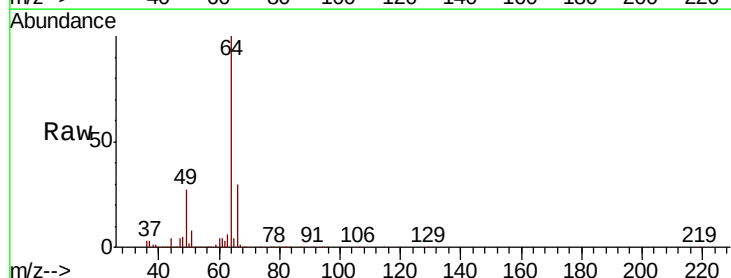
Acq: 07 Aug 2019 20:48

Tgt Ion: 64 Resp: 48468

Ion Ratio Lower Upper

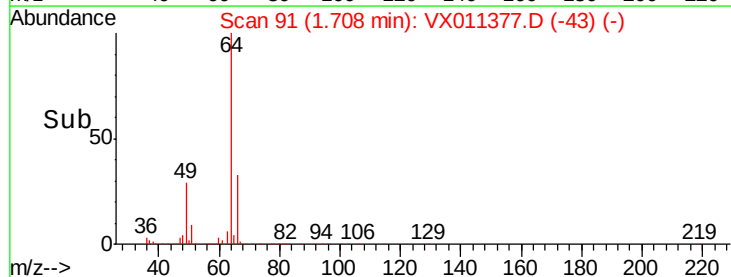
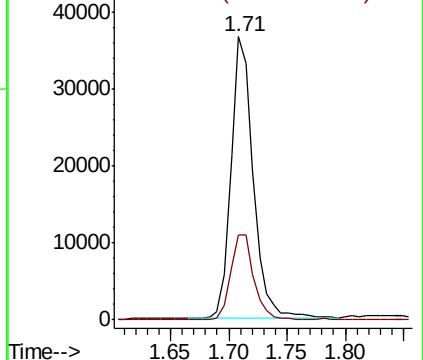
64 100

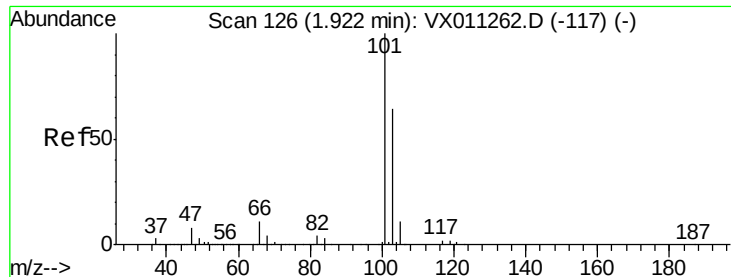
66 30.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



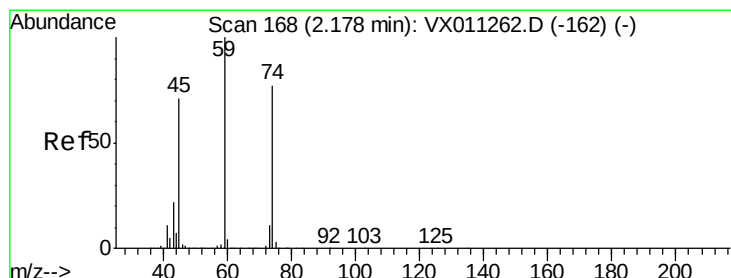
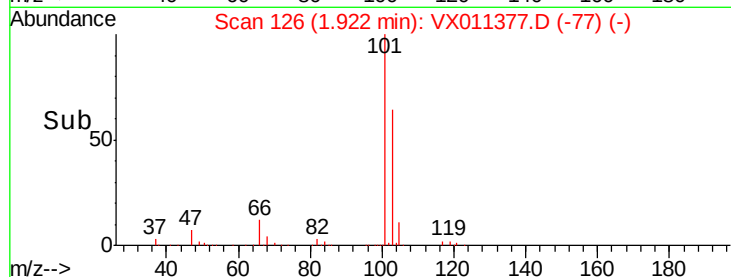
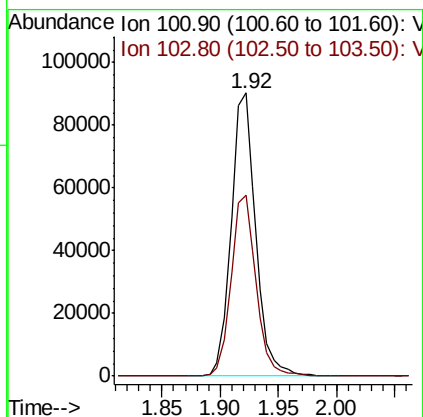
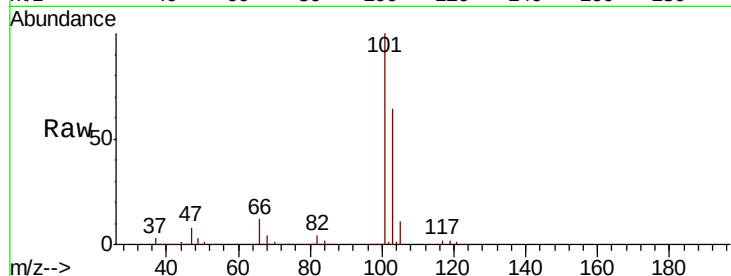


#7

Trichlorofluoromethane  
Concen: 48.956 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

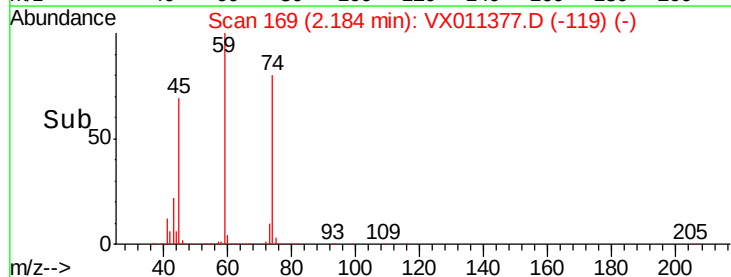
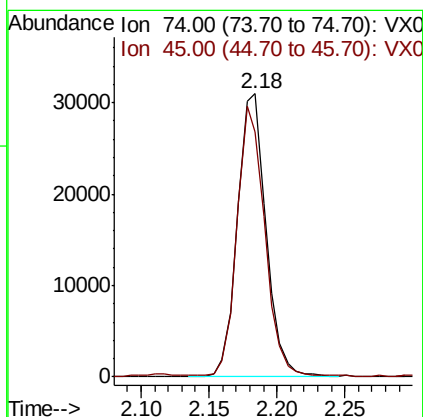
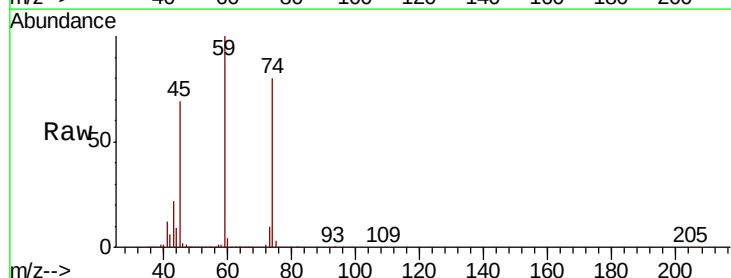
Tgt Ion:101 Resp: 132433  
Ion Ratio Lower Upper  
101 100  
103 64.1 50.9 76.3



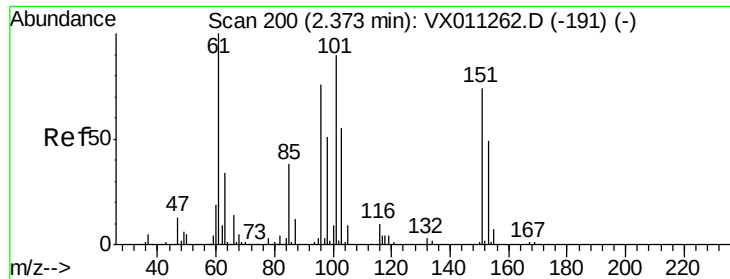
#8

Diethyl Ether  
Concen: 47.079 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. 0.01 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion: 74 Resp: 45475  
Ion Ratio Lower Upper  
74 100  
45 93.9 46.1 138.3







#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.351 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

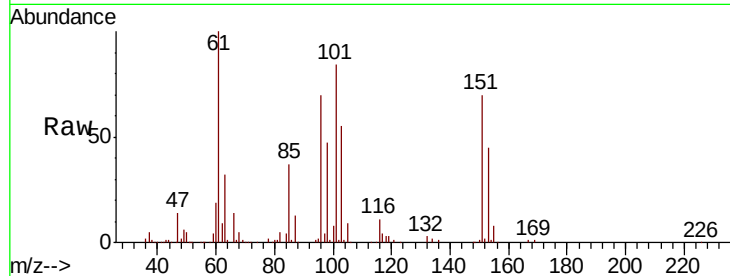
Tgt Ion:101 Resp: 72234

Ion Ratio Lower Upper

101 100

85 43.3 33.8 50.6

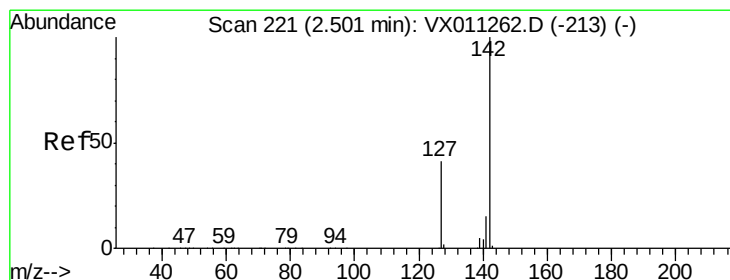
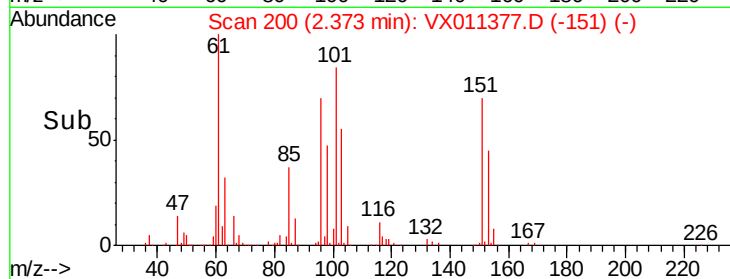
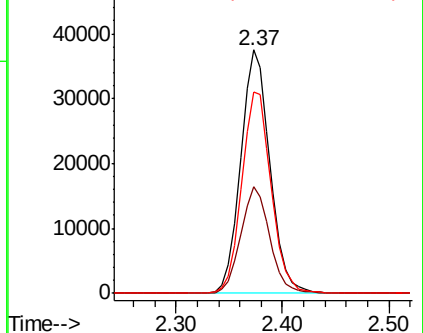
151 83.5 69.5 104.3



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: 50.421 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

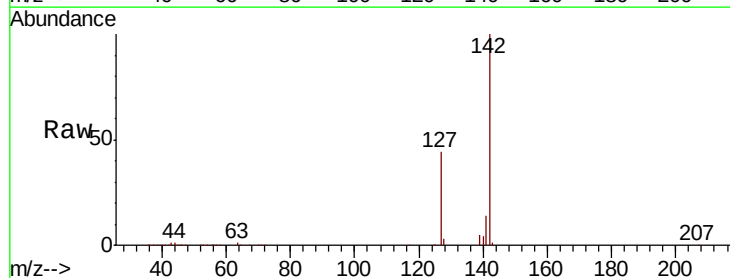
Tgt Ion:142 Resp: 93043

Ion Ratio Lower Upper

142 100

127 44.0 33.8 50.8

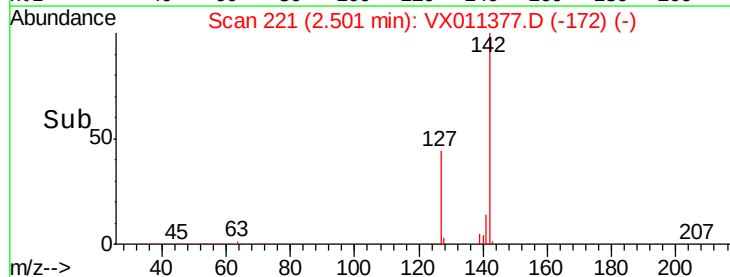
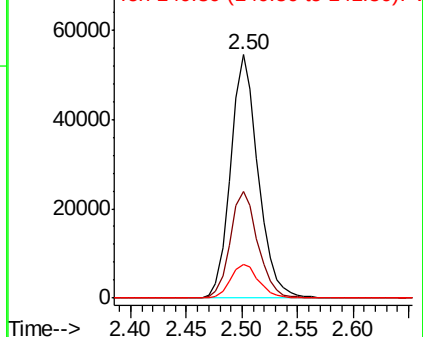
141 14.3 11.4 17.2

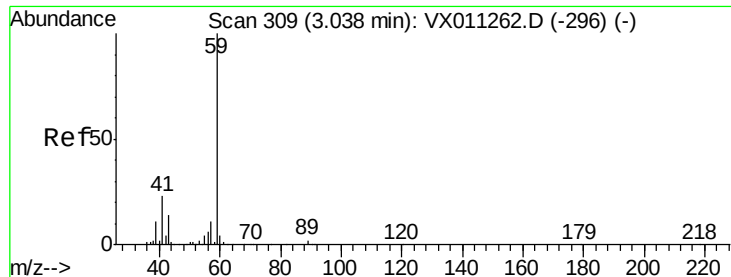


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

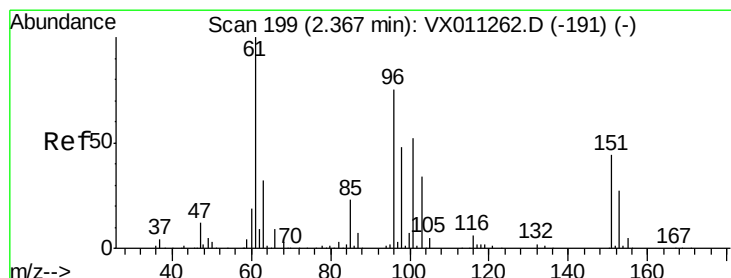
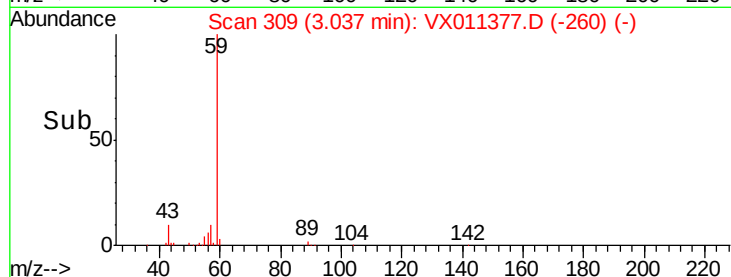
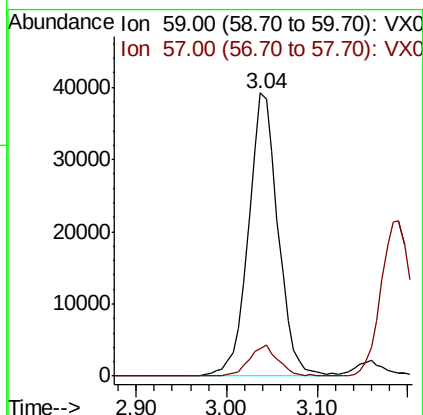
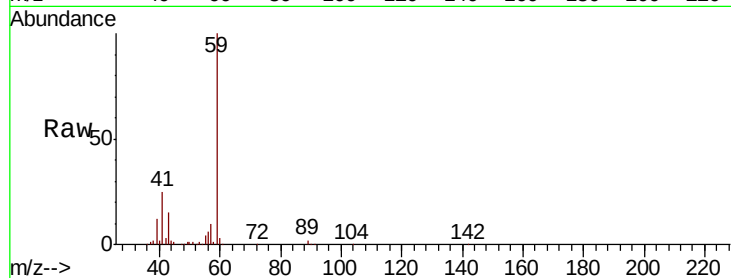




#11  
Tert butyl alcohol  
Concen: 277.564 ug/l  
RT: 3.04 min Scan# 309  
Delta R.T. 0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

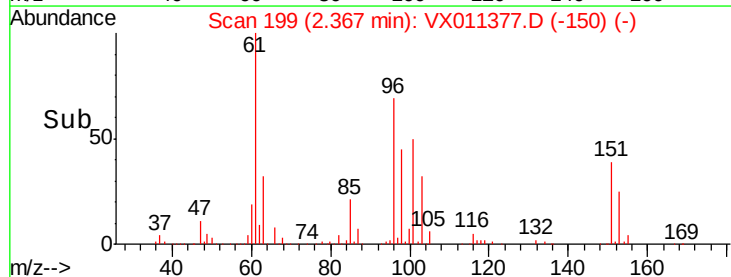
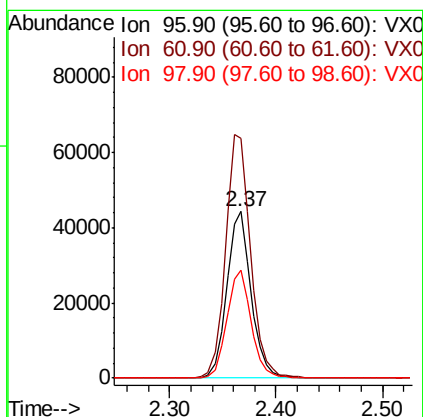
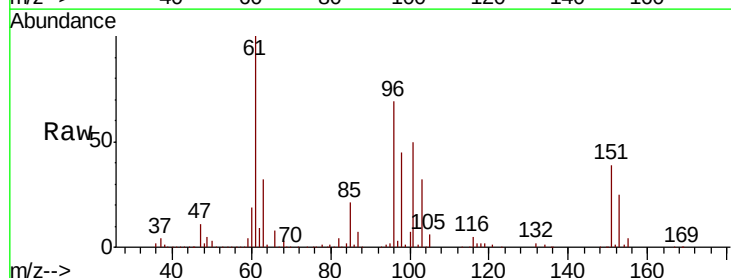
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

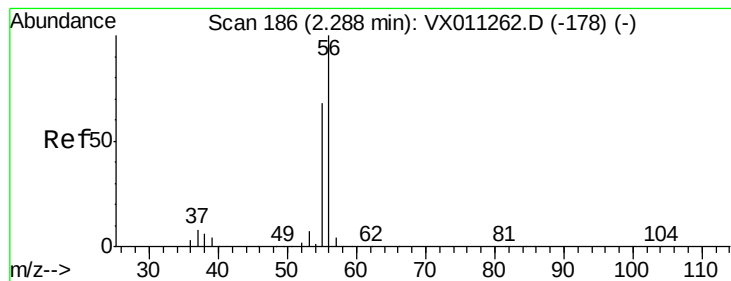
Tgt Ion: 59 Resp: 88887  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 48.653 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion: 96 Resp: 70591  
Ion Ratio Lower Upper  
96 100  
61 144.0 106.2 159.2  
98 64.6 50.6 75.8





#13

Acrolein

Concen: 224.127 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

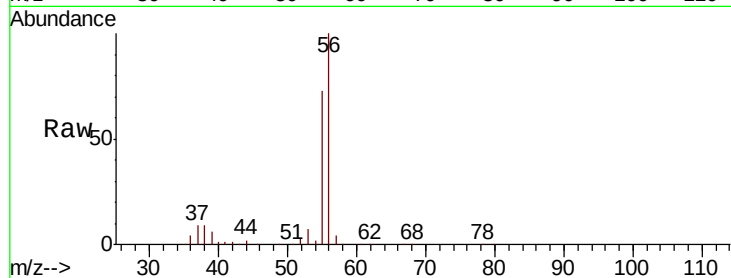
VSTDCCC050EC

Tgt Ion: 56 Resp: 44613

Ion Ratio Lower Upper

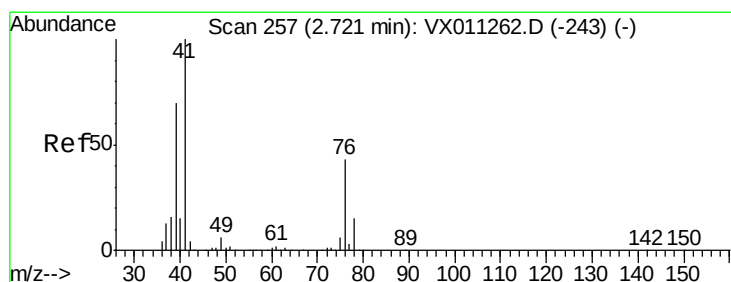
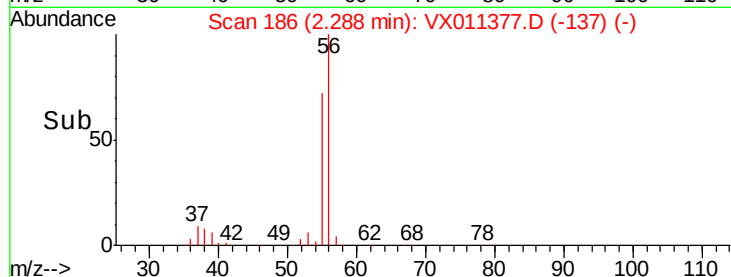
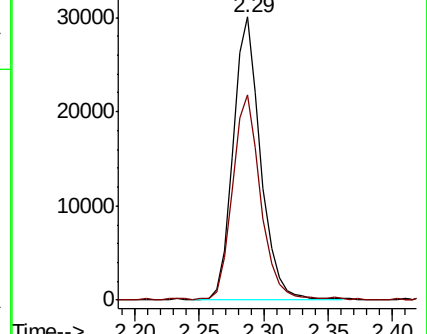
56 100

55 74.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 55.790 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

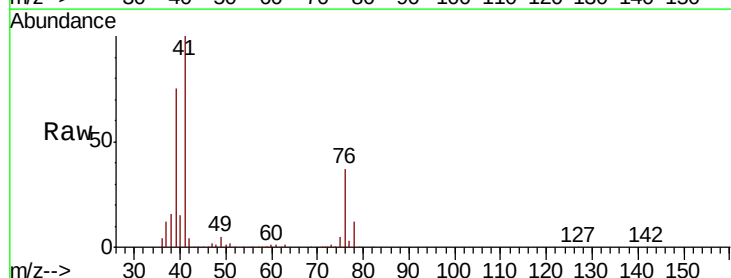
Tgt Ion: 41 Resp: 107913

Ion Ratio Lower Upper

41 100

39 69.3 52.8 79.2

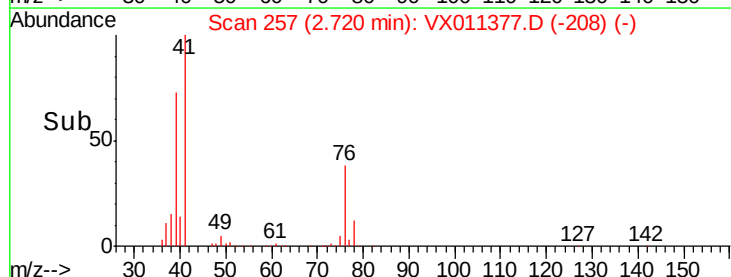
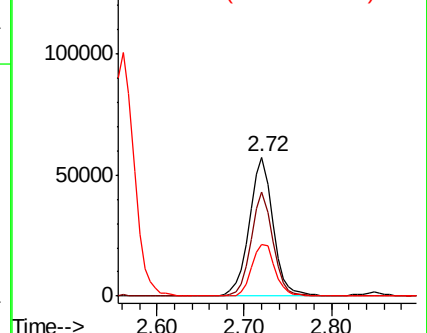
76 36.3 31.1 46.7

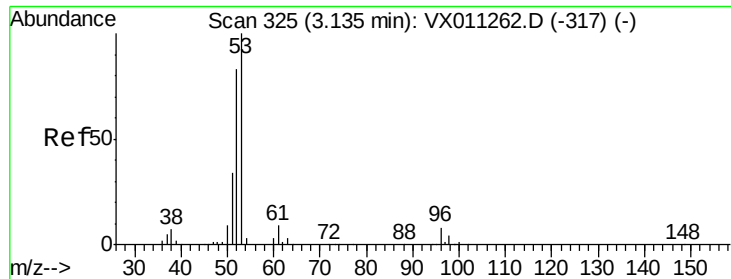


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 273.106 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

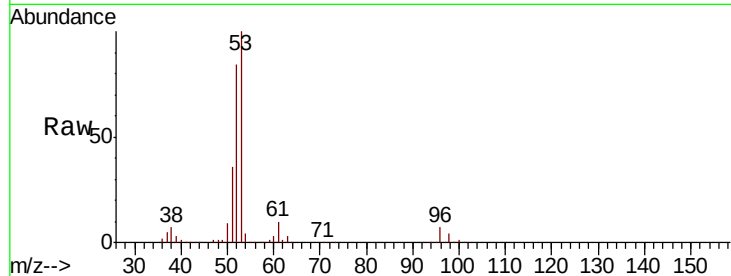
Tgt Ion: 53 Resp: 208705

Ion Ratio Lower Upper

53 100

52 83.9 65.5 98.3

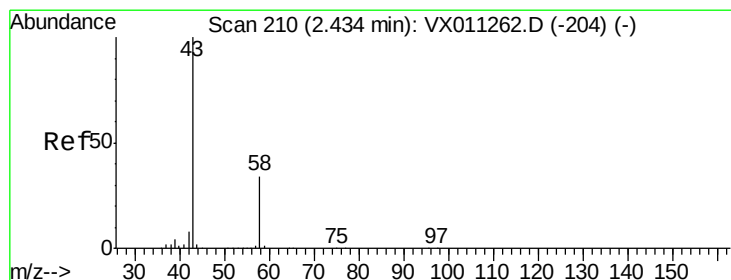
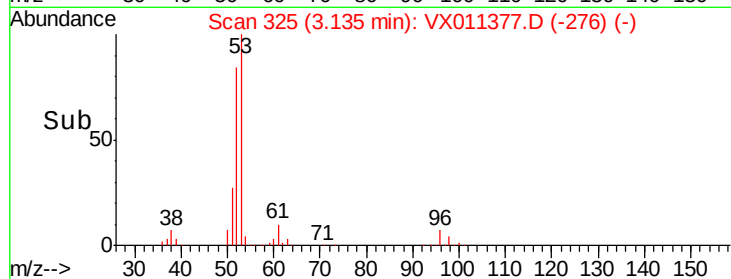
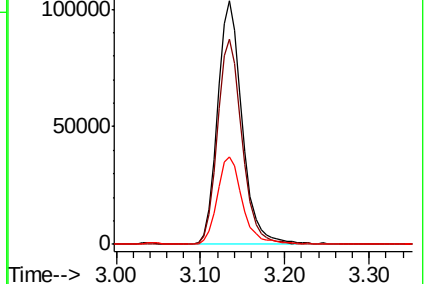
51 36.7 27.9 41.9



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: 233.914 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011377.D

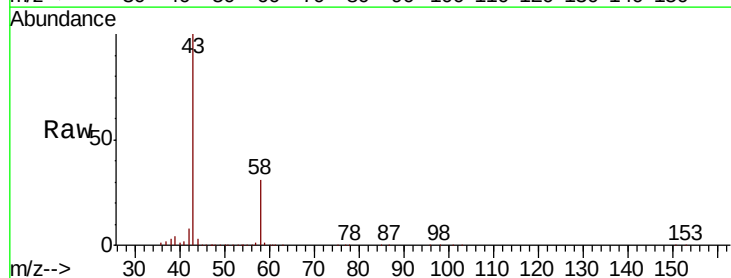
Acq: 07 Aug 2019 20:48

Tgt Ion: 43 Resp: 178803

Ion Ratio Lower Upper

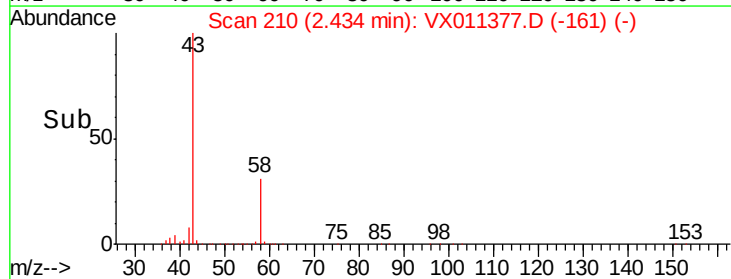
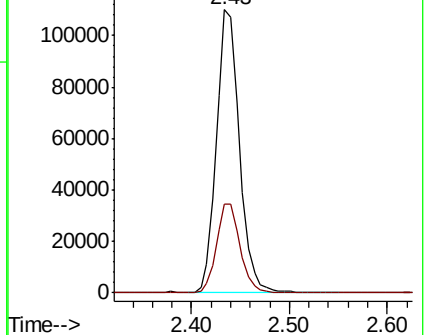
43 100

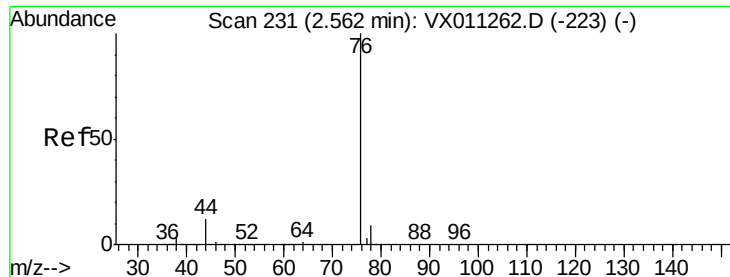
58 31.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.809 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

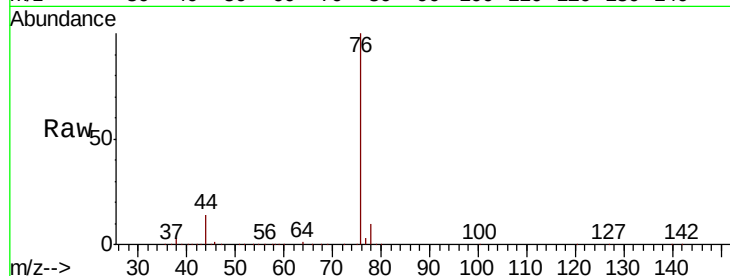
VSTDCCC050EC

Tgt Ion: 76 Resp: 169588

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

60000

40000

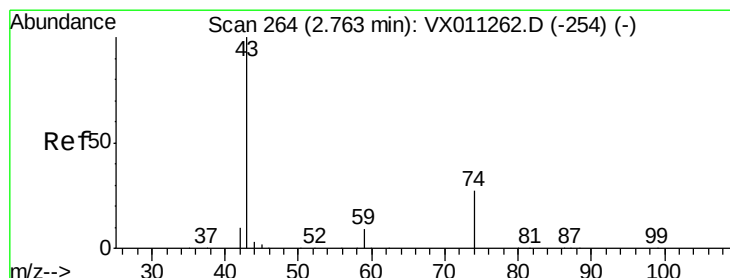
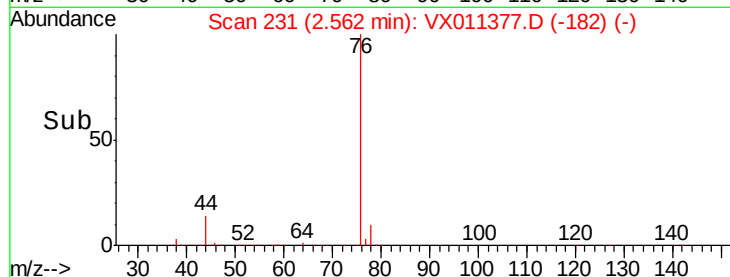
20000

0

Time-->

2.50

2.60



#18

Methyl Acetate

Concen: 56.161 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011377.D

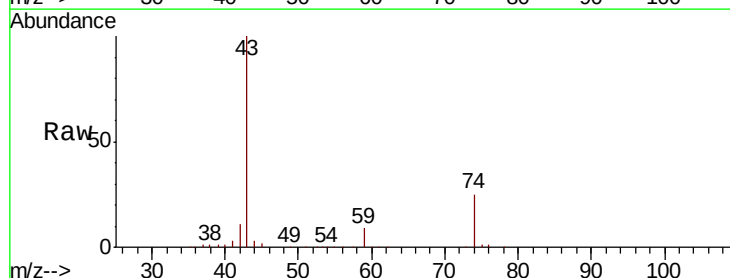
Acq: 07 Aug 2019 20:48

Tgt Ion: 43 Resp: 98106

Ion Ratio Lower Upper

43 100

74 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

50000

40000

30000

20000

10000

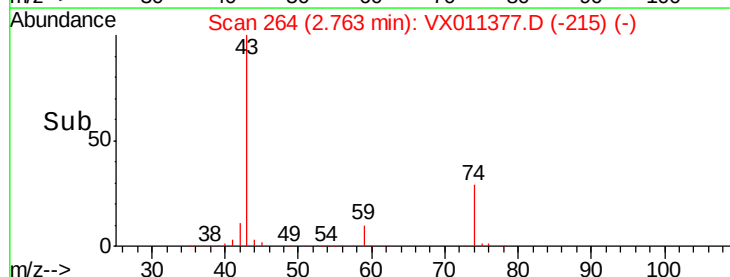
0

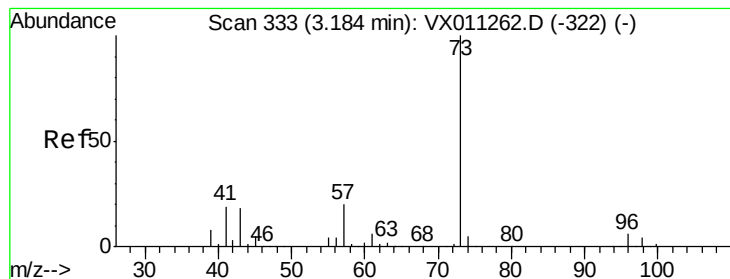
Time-->

2.70

2.80

2.90





#19

Methyl tert-butyl Ether

Concen: 55.391 ug/l

RT: 3.18 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

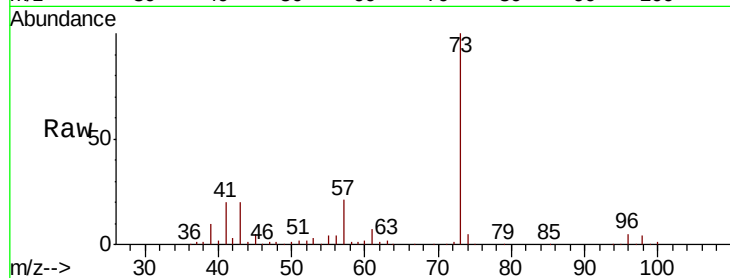
VSTDCCC050EC

Tgt Ion: 73 Resp: 236840

Ion Ratio Lower Upper

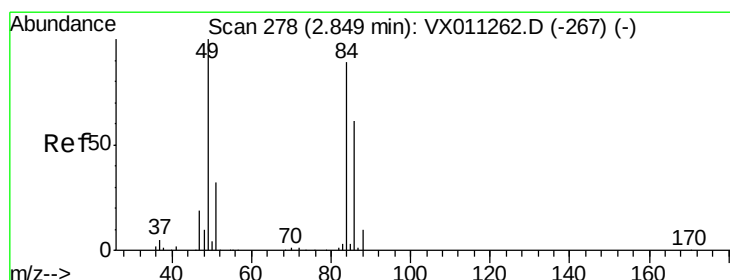
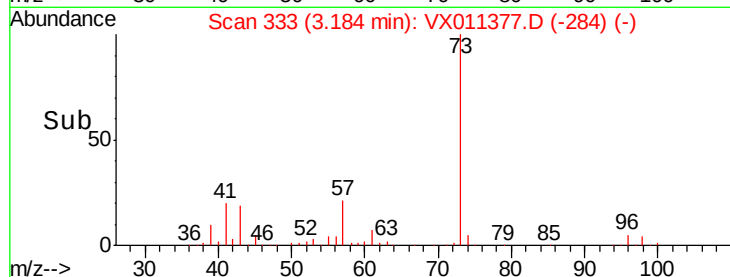
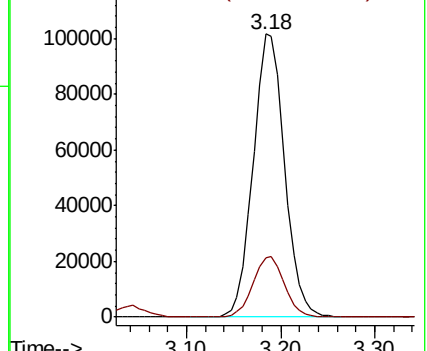
73 100

57 20.8 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 49.607 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Tgt Ion: 84 Resp: 83045

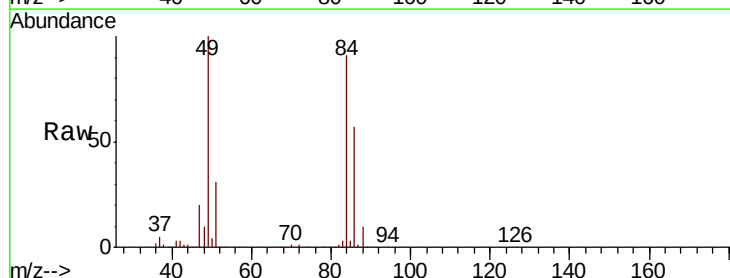
Ion Ratio Lower Upper

84 100

49 109.4 89.3 133.9

51 34.1 28.3 42.5

86 62.5 54.5 81.7

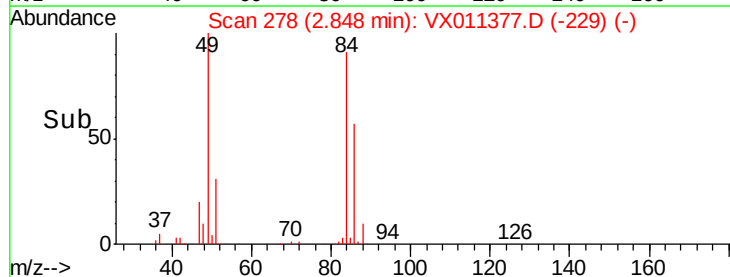
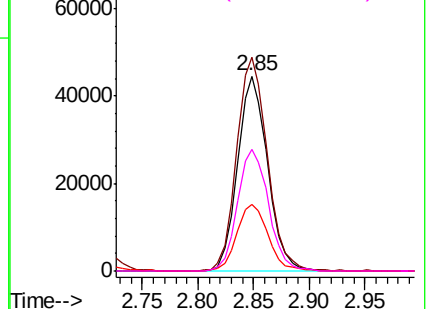


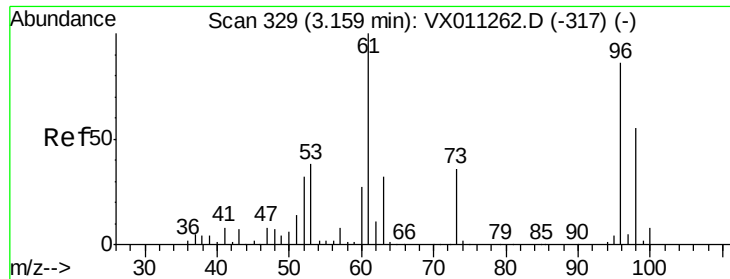
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 49.941 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

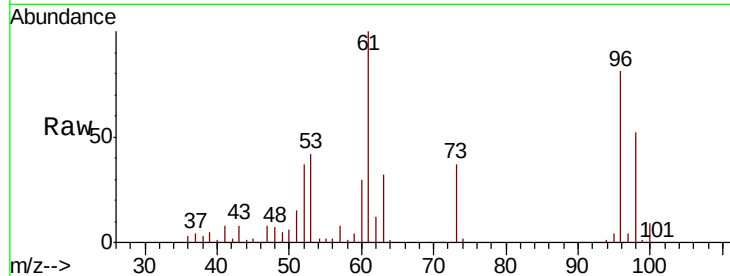
Tgt Ion: 96 Resp: 76650

Ion Ratio Lower Upper

96 100

61 123.2 92.8 139.2

98 64.2 51.2 76.8

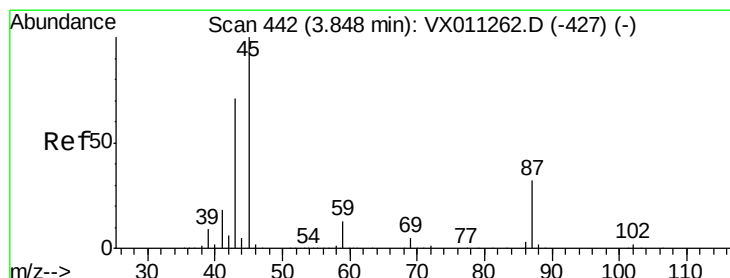
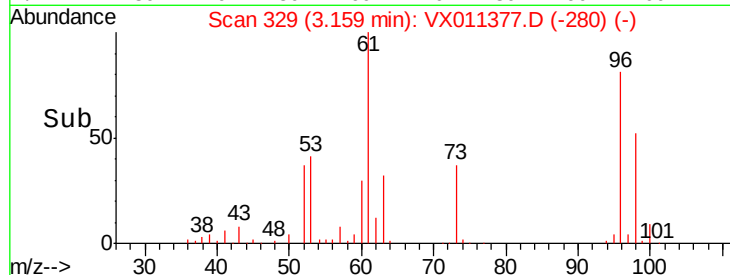
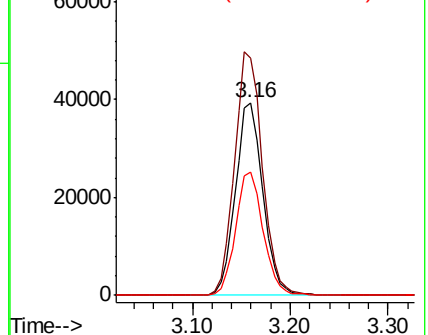


Abundance

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



#22

Diisopropyl ether

Concen: 55.143 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Tgt Ion: 45 Resp: 234424

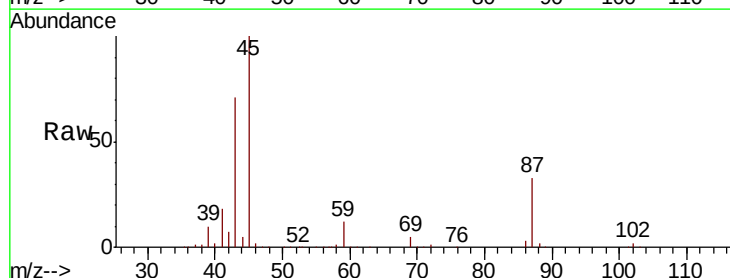
Ion Ratio Lower Upper

45 100

43 70.8 56.8 85.2

87 32.9 25.8 38.6

59 11.9 10.3 15.5



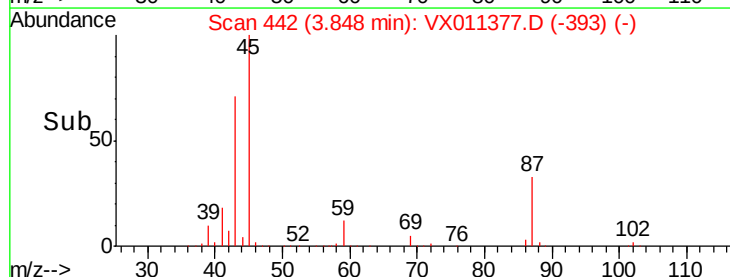
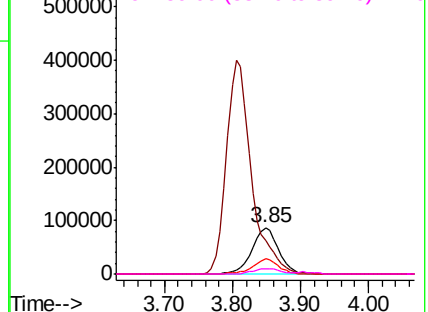
Abundance

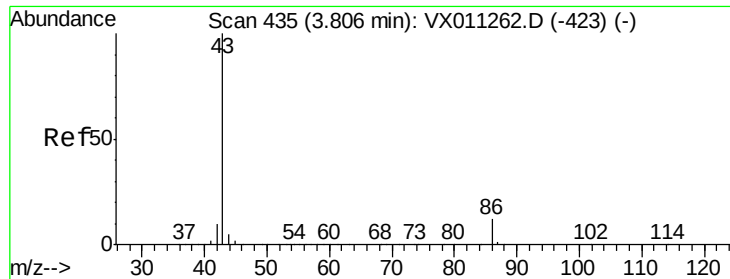
Ion 45.00 (44.70 to 45.70): VX0

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: 290.804 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

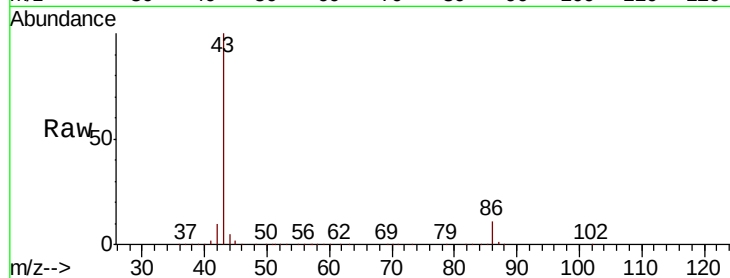
VSTDCCC050EC

Tgt Ion: 43 Resp: 1025361

Ion Ratio Lower Upper

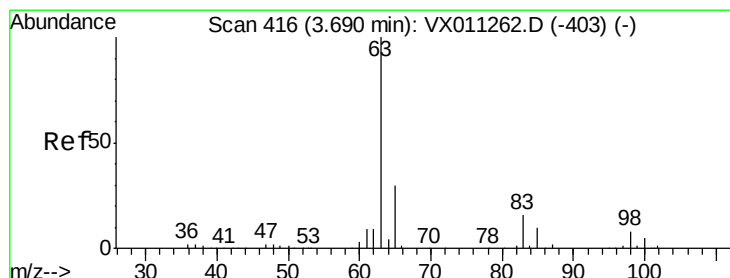
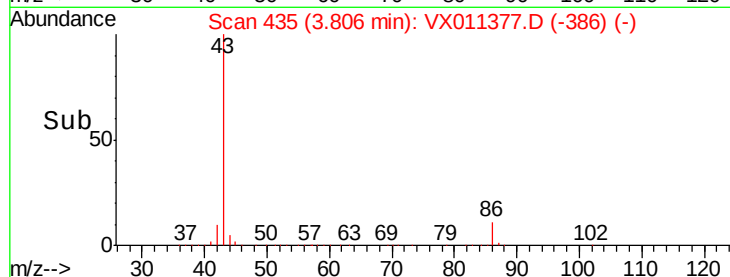
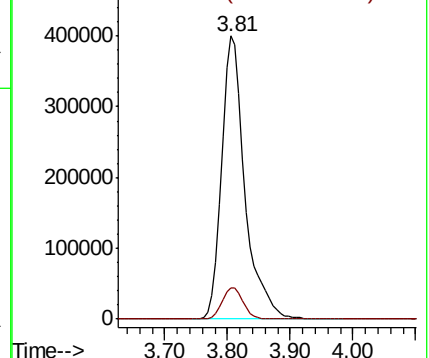
43 100

86 11.2 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.342 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

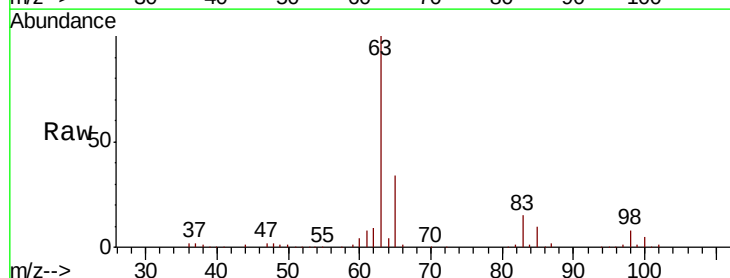
Tgt Ion: 63 Resp: 133716

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

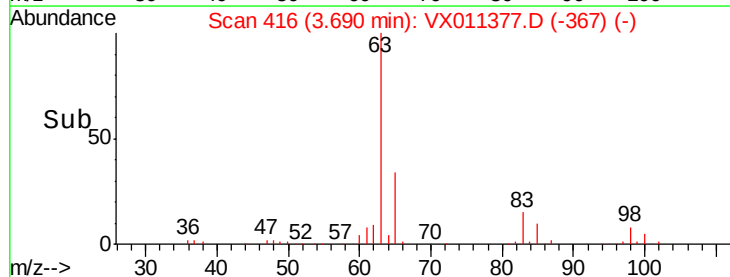
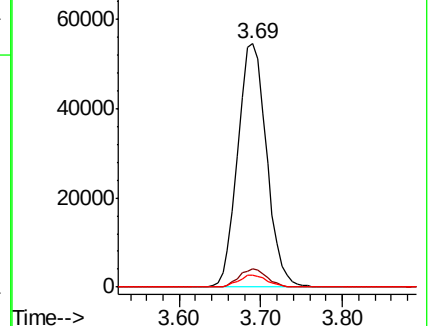
100 5.2 2.7 8.1



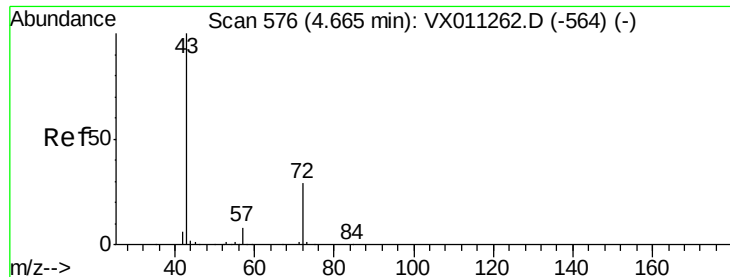
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0







#25

2-Butanone

Concen: 272.180 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

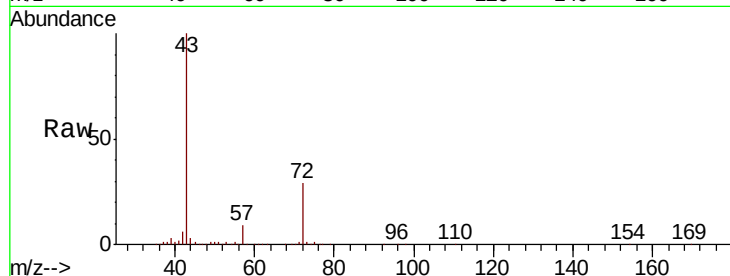
VSTDCCC050EC

Tgt Ion: 43 Resp: 295956

Ion Ratio Lower Upper

43 100

72 28.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

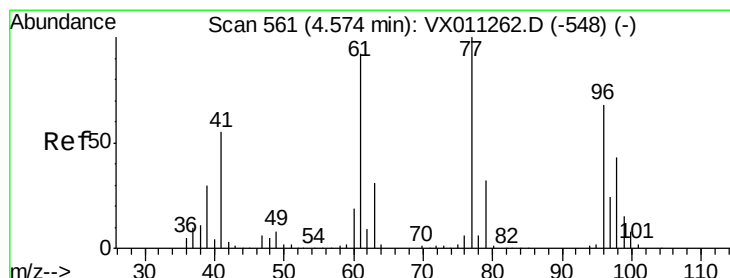
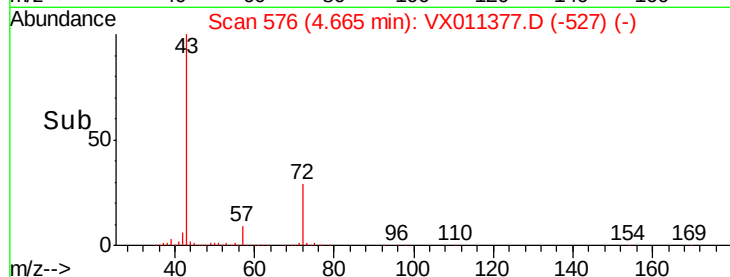
40000

20000

0

4.60 4.65 4.70 4.75 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.438 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011377.D

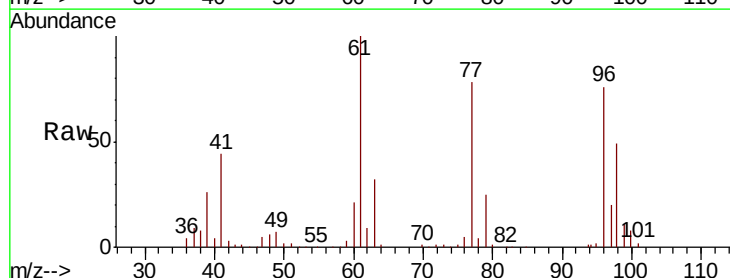
Acq: 07 Aug 2019 20:48

Tgt Ion: 77 Resp: 98286

Ion Ratio Lower Upper

77 100

97 24.6 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

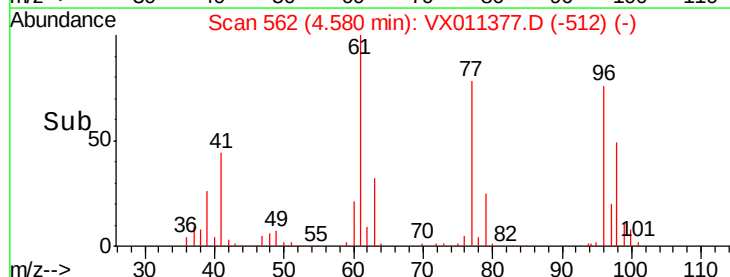
20000

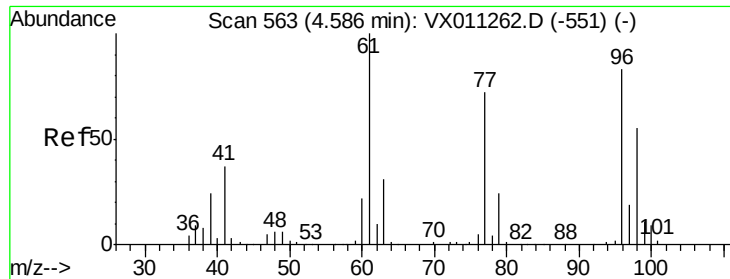
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->



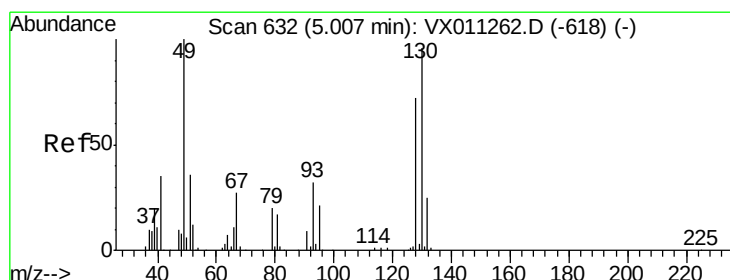
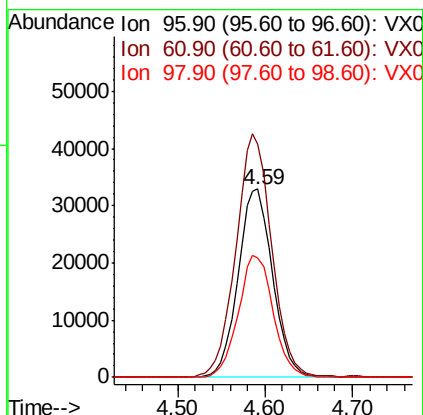
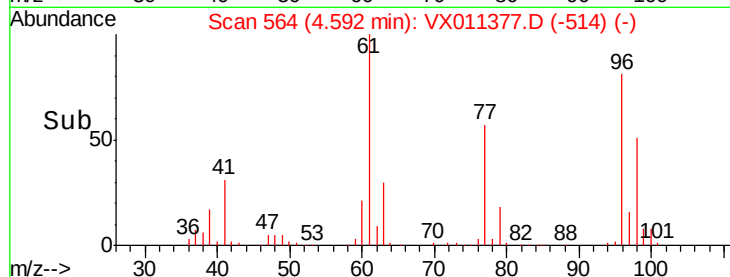
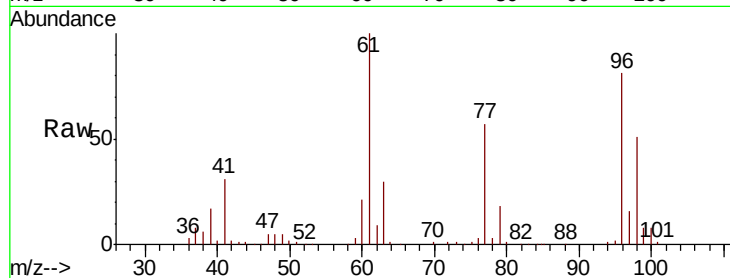


#27

cis-1,2-Dichloroethene  
Concen: 51.154 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. 0.01 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

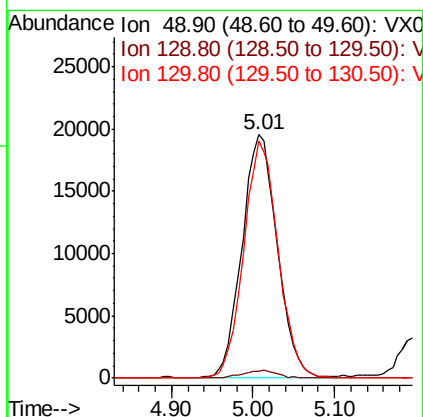
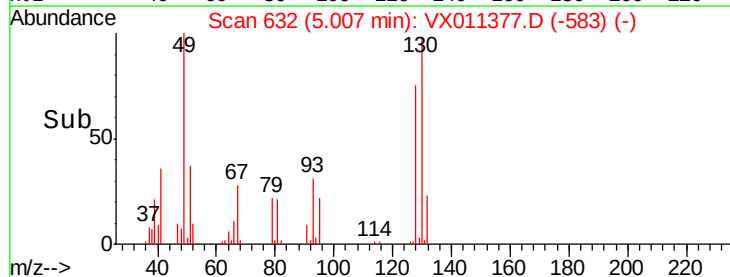
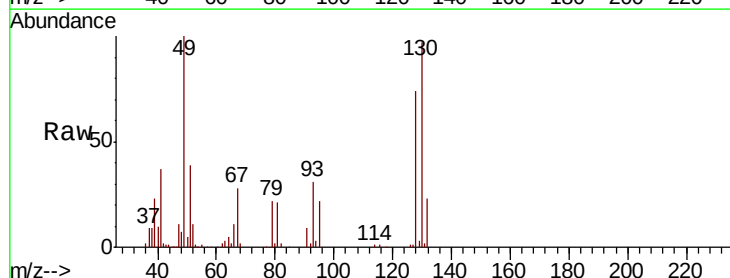
Tgt Ion: 96 Resp: 90432  
Ion Ratio Lower Upper  
96 100  
61 133.8 0.0 260.2  
98 65.2 0.0 133.2

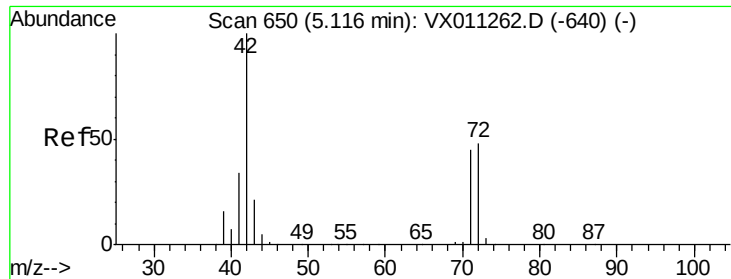


#28

Bromochloromethane  
Concen: 51.769 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion: 49 Resp: 59161  
Ion Ratio Lower Upper  
49 100  
129 3.0 0.0 5.8  
130 94.5 77.9 116.9





#29

Tetrahydrofuran

Concen: 279.690 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

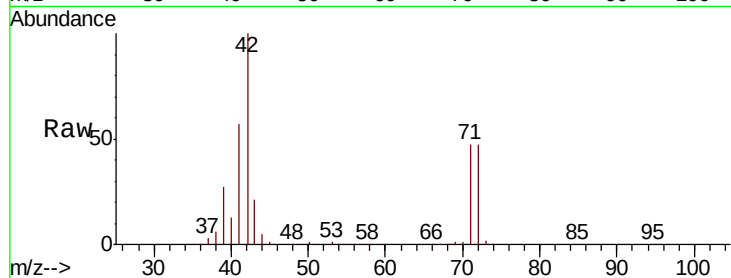
Tgt Ion: 42 Resp: 186472

Ion Ratio Lower Upper

42 100

72 48.8 39.9 59.9

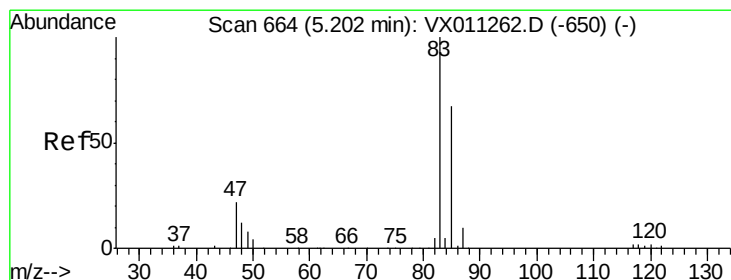
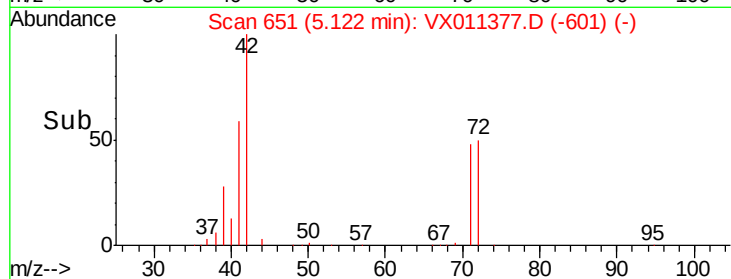
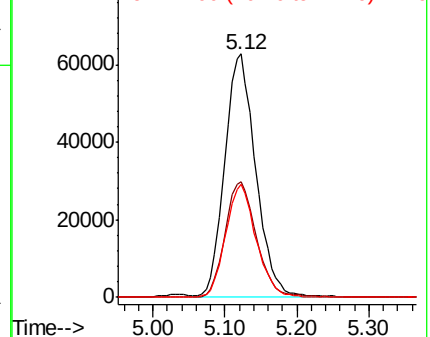
71 46.0 36.9 55.3



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: 54.546 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011377.D

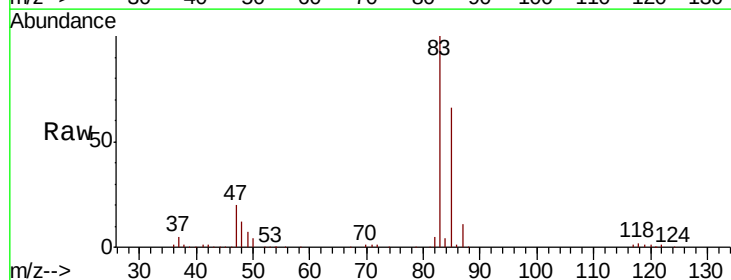
Acq: 07 Aug 2019 20:48

Tgt Ion: 83 Resp: 148609

Ion Ratio Lower Upper

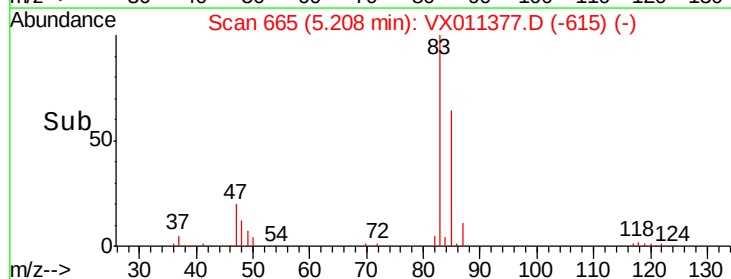
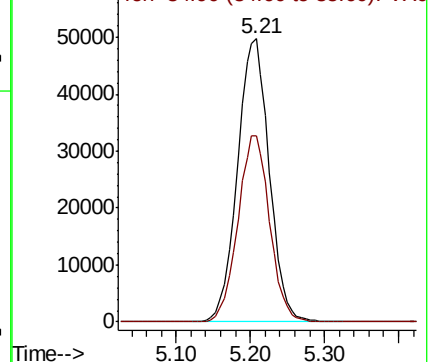
83 100

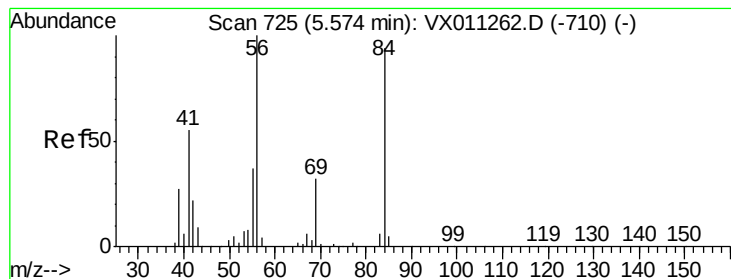
85 65.7 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.762 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

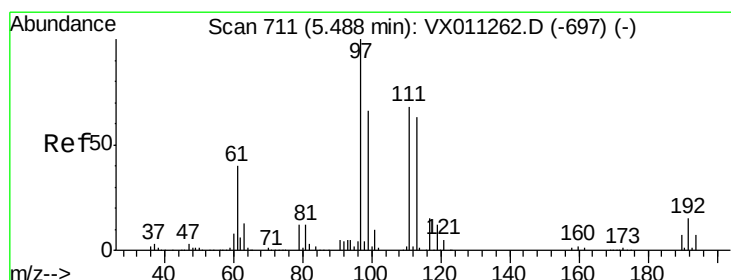
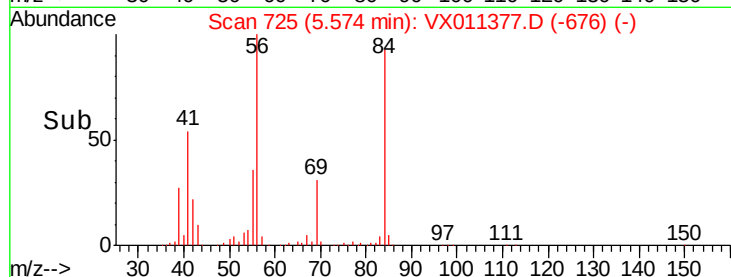
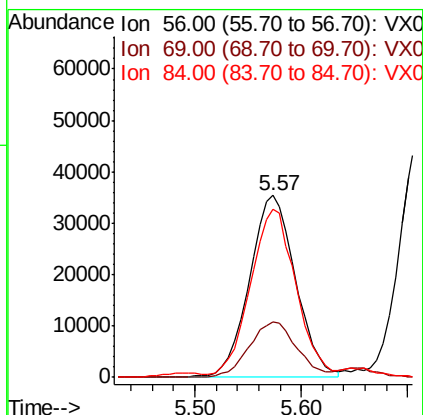
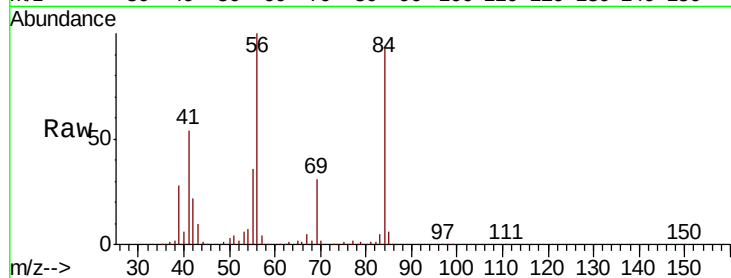
Tgt Ion: 56 Resp: 107049

Ion Ratio Lower Upper

56 100

69 30.7 25.5 38.3

84 90.6 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 55.463 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

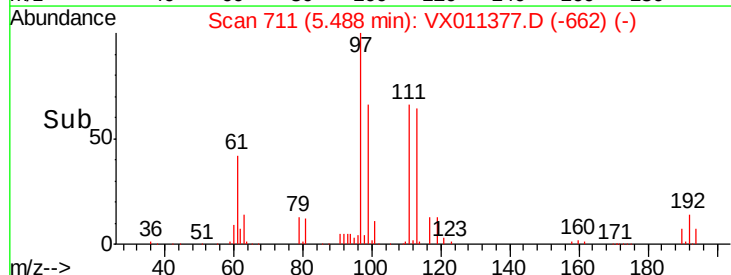
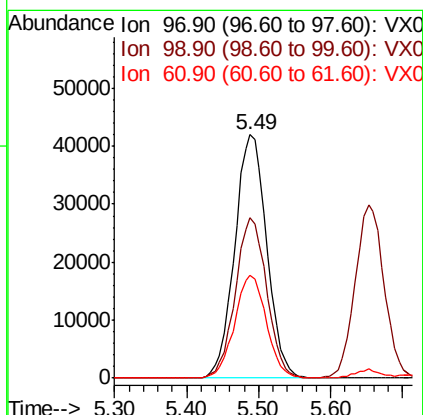
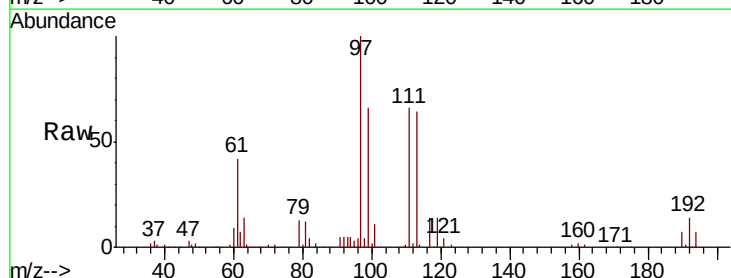
Tgt Ion: 97 Resp: 129446

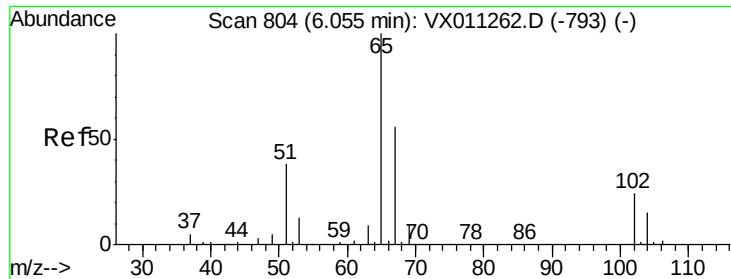
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 42.2 32.3 48.5

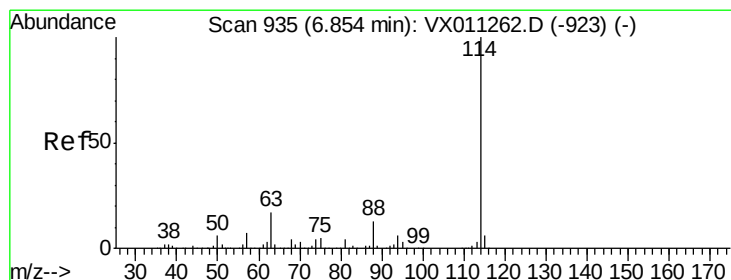
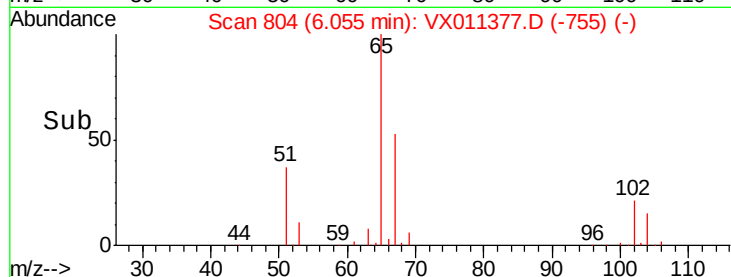
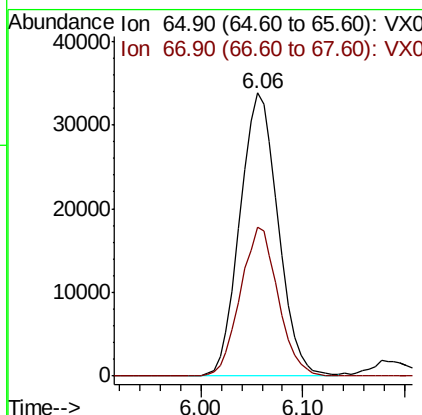
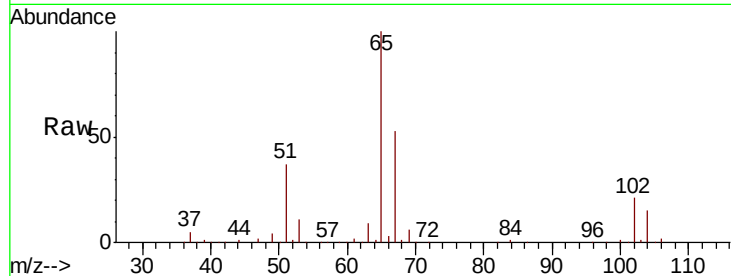




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.874 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

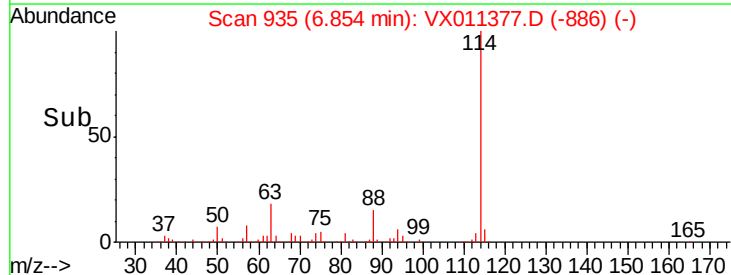
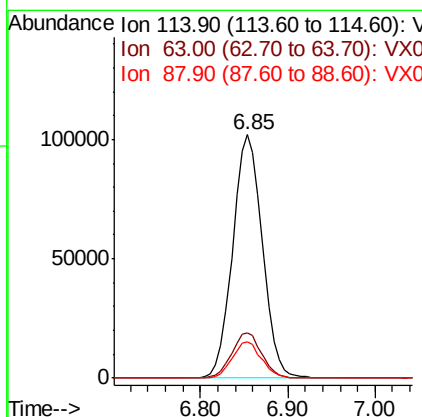
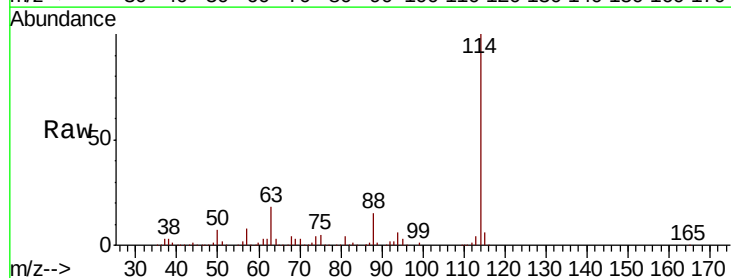
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

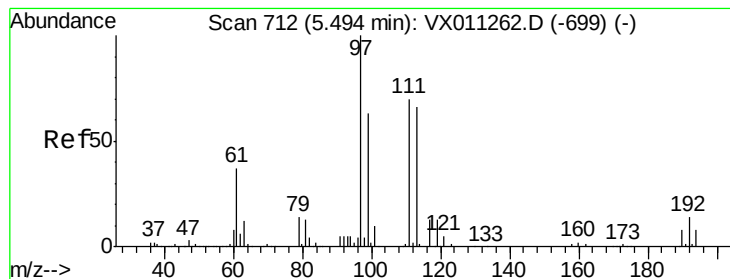
Tgt Ion: 65 Resp: 88124  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion: 114 Resp: 240425  
 Ion Ratio Lower Upper  
 114 100  
 63 18.4 0.0 34.0  
 88 14.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.393 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

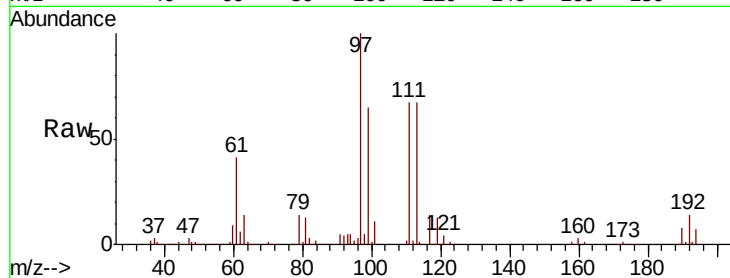
Tgt Ion:113 Resp: 77531

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

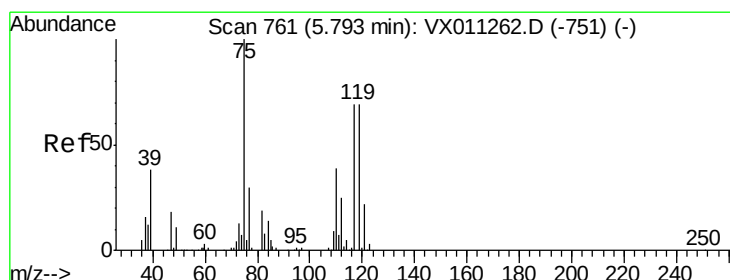
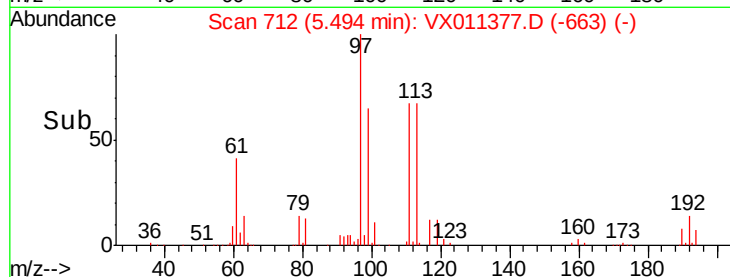
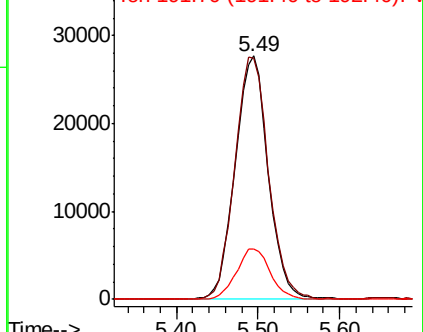
192 21.3 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.000 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

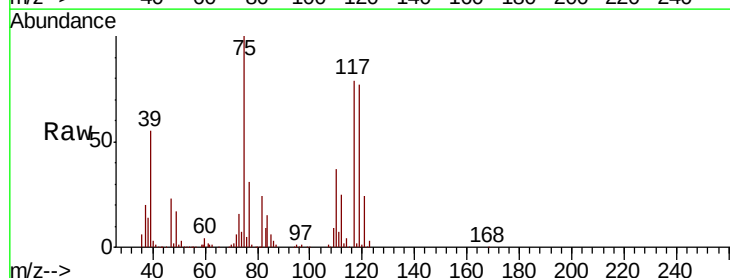
Tgt Ion: 75 Resp: 102857

Ion Ratio Lower Upper

75 100

110 39.1 20.0 59.9

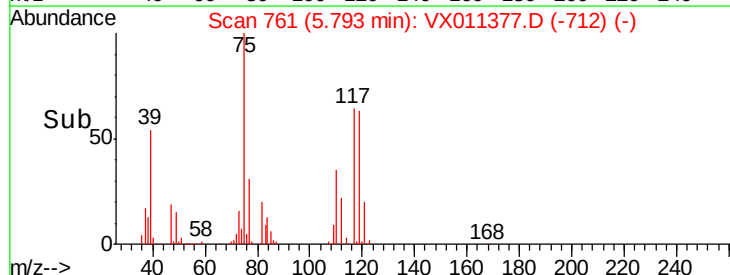
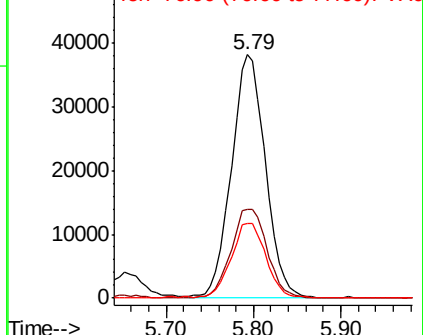
77 31.6 24.8 37.2

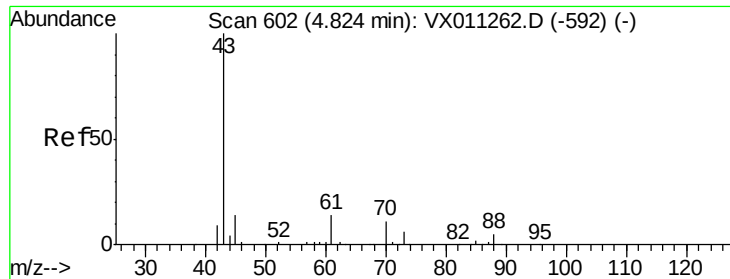


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.205 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

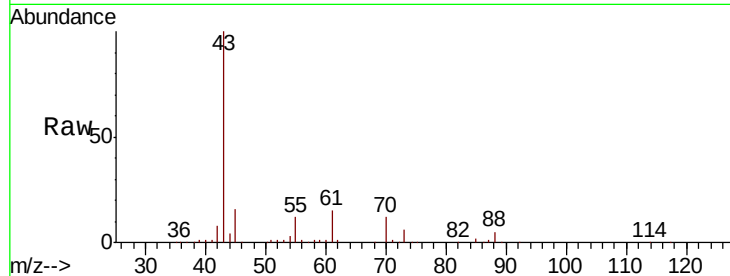
Tgt Ion: 43 Resp: 112027

Ion Ratio Lower Upper

43 100

61 14.9 12.6 18.8

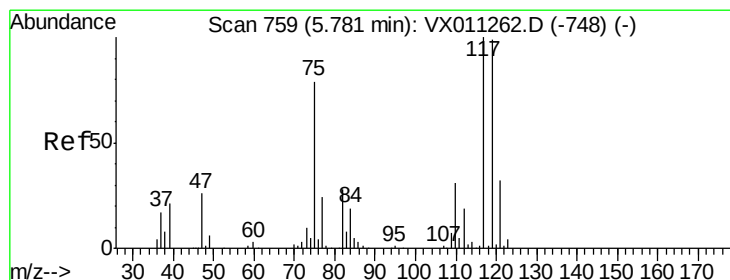
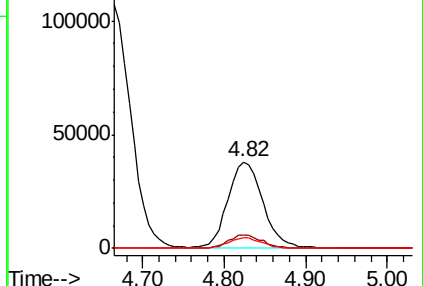
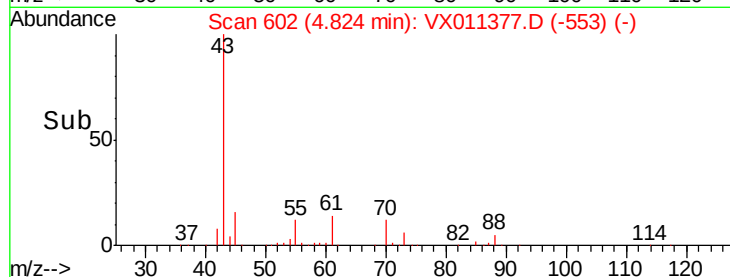
70 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 54.556 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

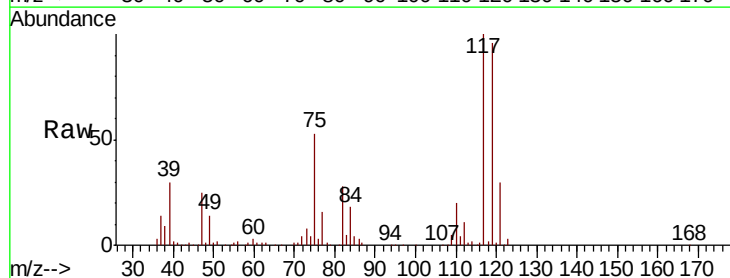
Tgt Ion: 117 Resp: 115215

Ion Ratio Lower Upper

117 100

119 96.0 79.0 118.4

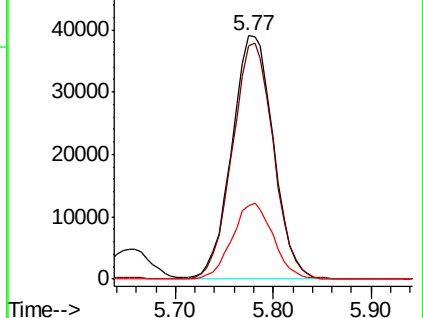
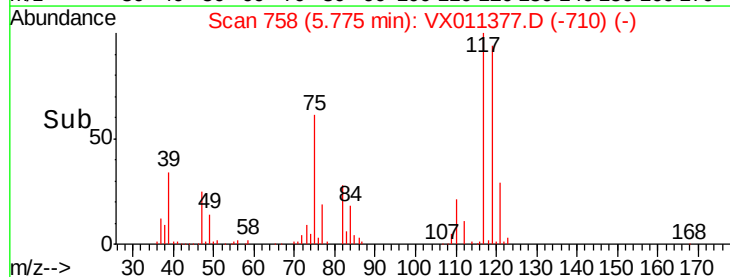
121 29.9 25.9 38.9

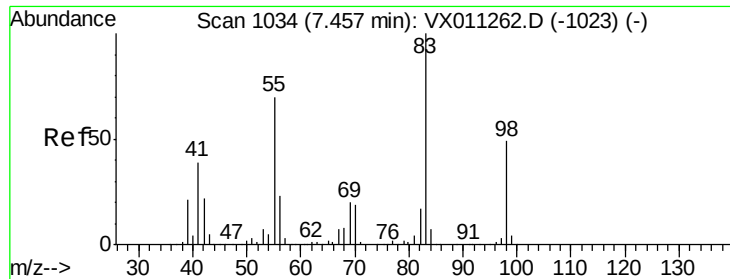


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

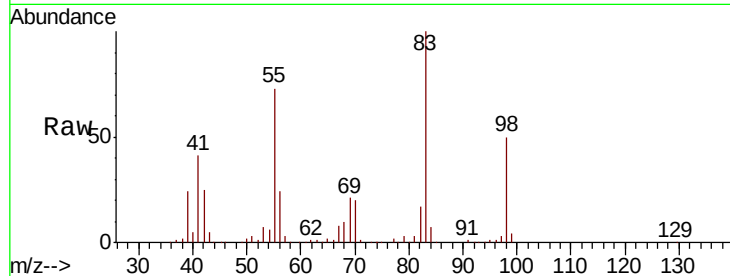




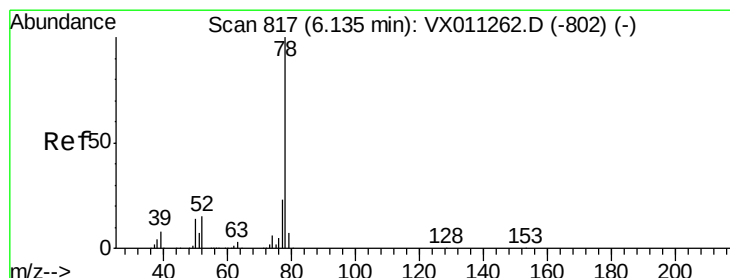
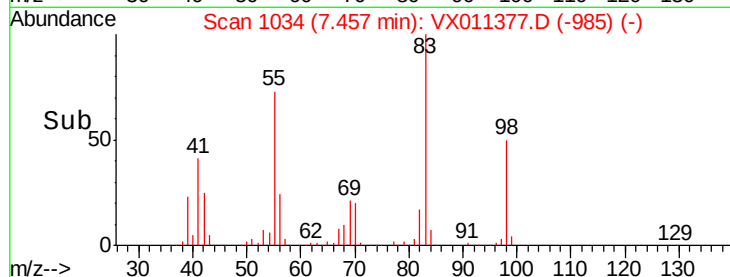
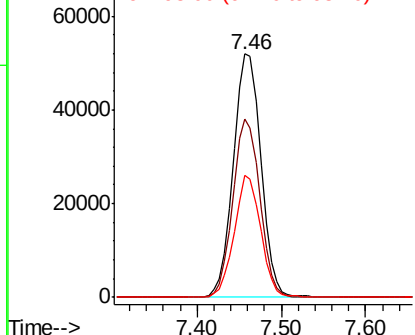
#39  
Methylcyclohexane  
Concen: 46.294 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 115188  
Ion Ratio Lower Upper  
83 100  
55 73.3 56.1 84.1  
98 50.1 39.0 58.4

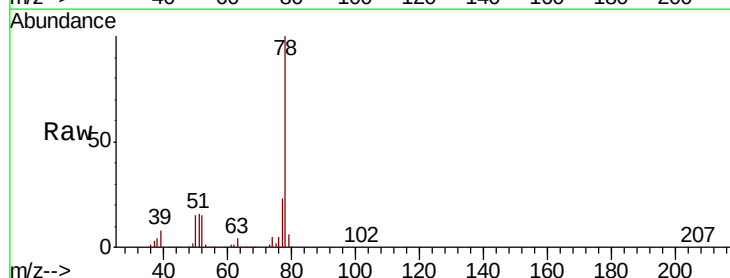


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

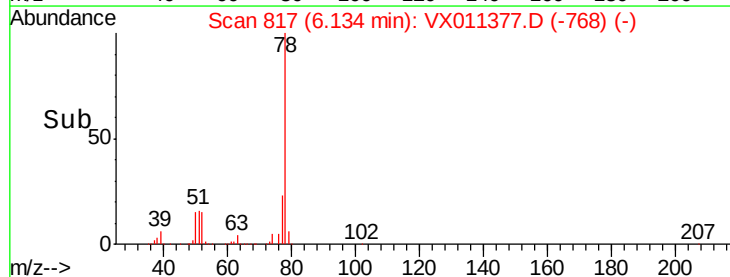
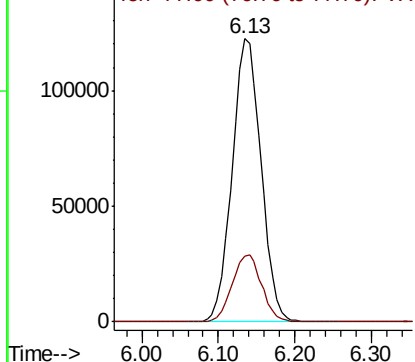


#40  
Benzene  
Concen: 51.042 ug/l  
RT: 6.13 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

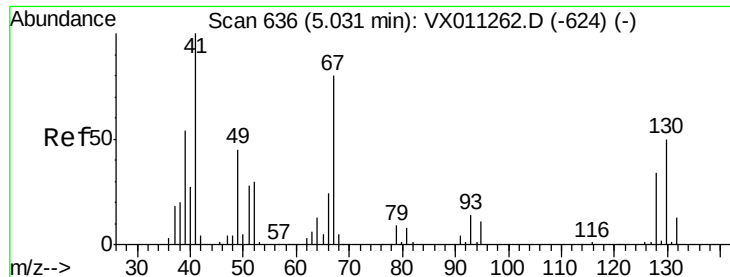
Tgt Ion: 78 Resp: 319725  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.2 27.2



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



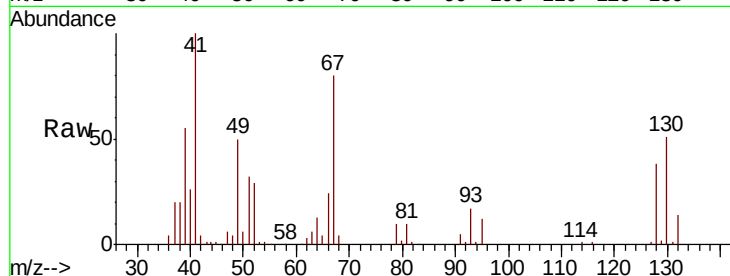




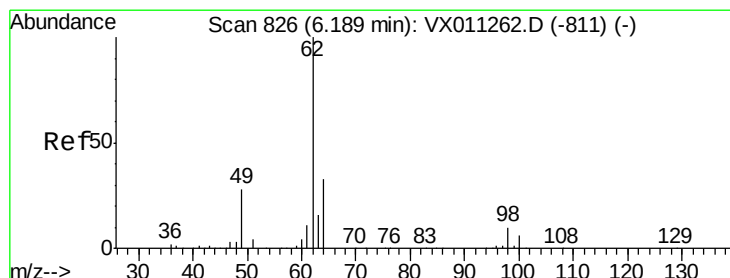
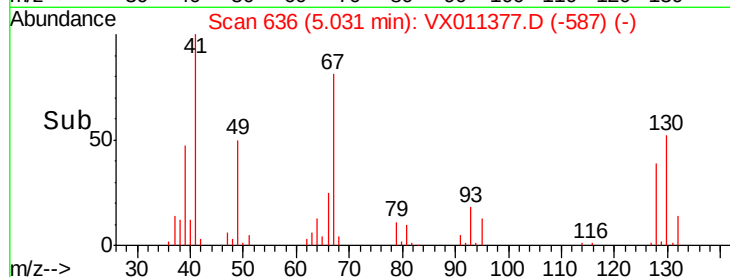
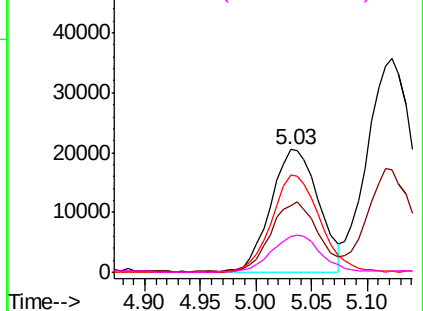
#41  
Methacrylonitrile  
Concen: 53.084 ug/l  
RT: 5.03 min Scan# 636  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 61043 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.1  | 43.0  | 64.6  |
| 67       | 80.4  | 65.1  | 97.7  |
| 52       | 32.0  | 24.8  | 37.2  |

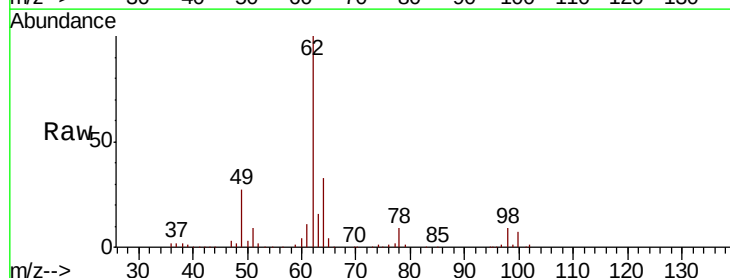


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

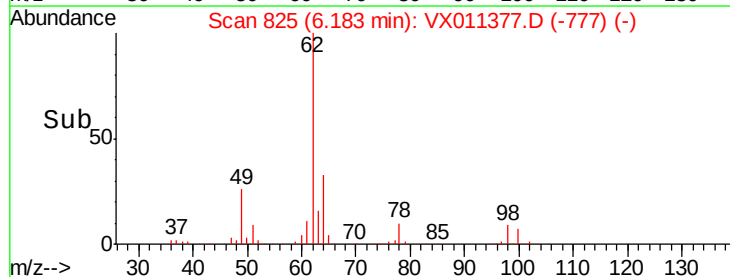
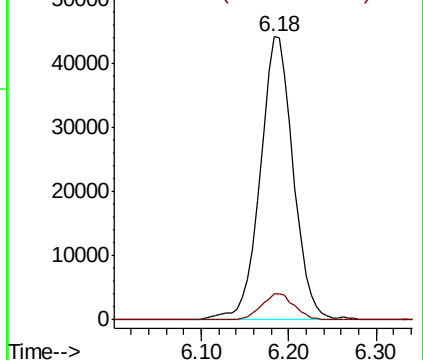


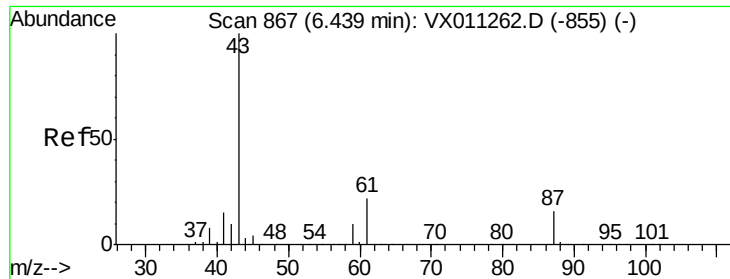
#42  
1,2-Dichloroethane  
Concen: 55.029 ug/l  
RT: 6.18 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 116561 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 20.6   |



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





#43

Isopropyl Acetate

Concen: 53.428 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

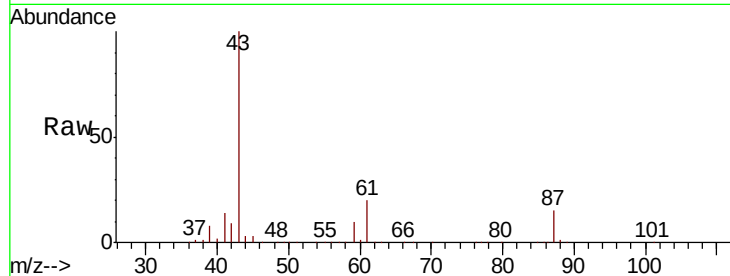
Tgt Ion: 43 Resp: 179857

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

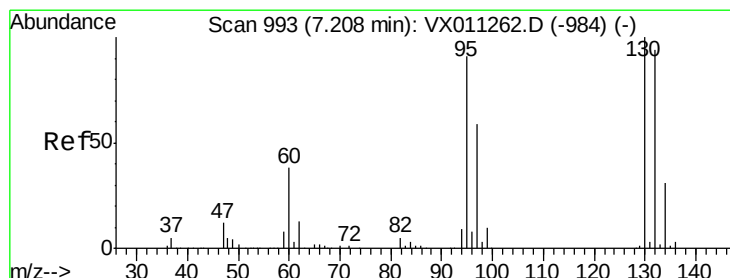
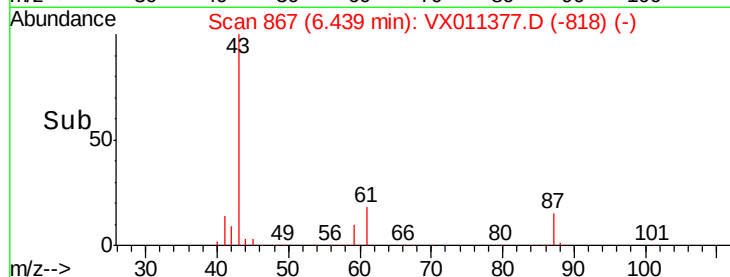
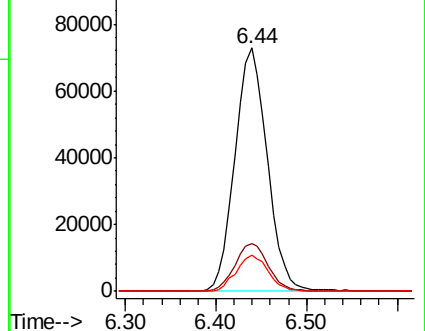
87 14.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.358 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011377.D

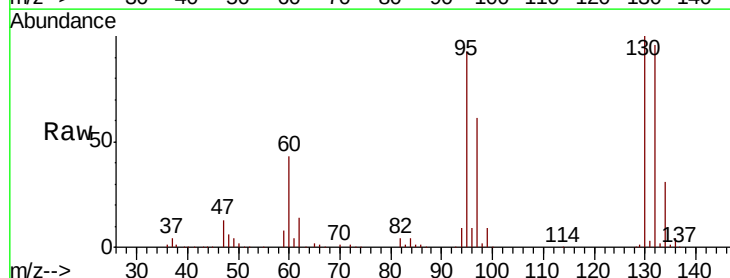
Acq: 07 Aug 2019 20:48

Tgt Ion: 130 Resp: 93584

Ion Ratio Lower Upper

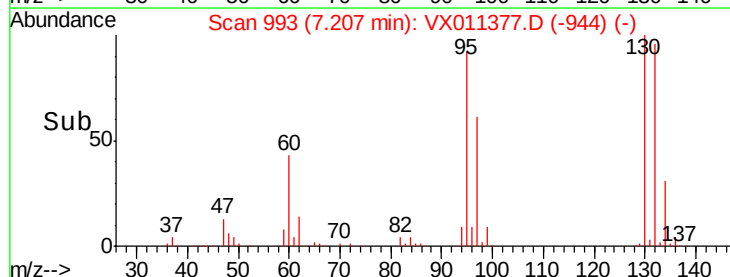
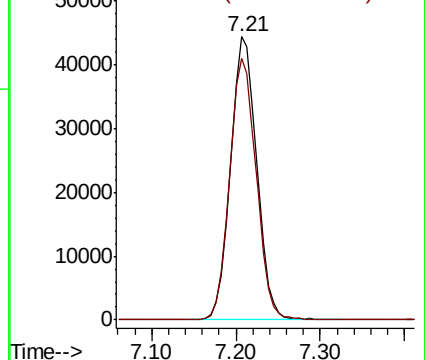
130 100

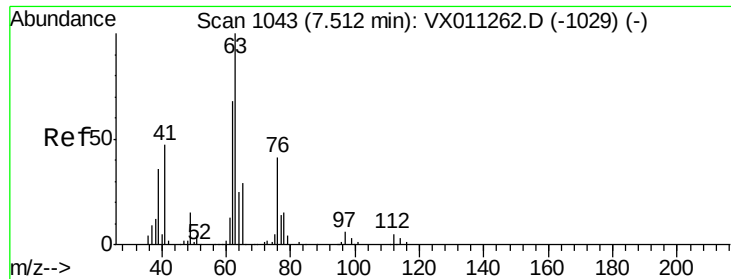
95 92.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

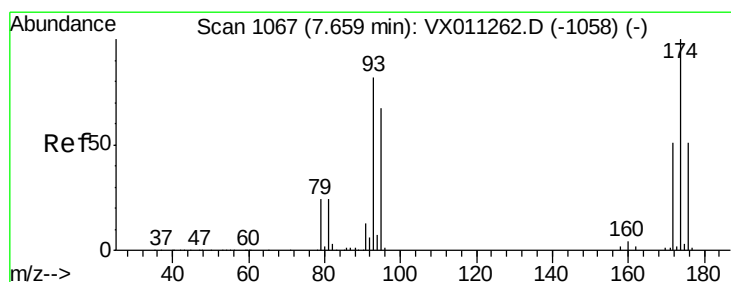
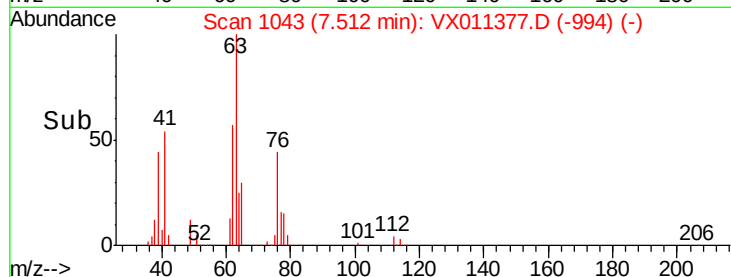
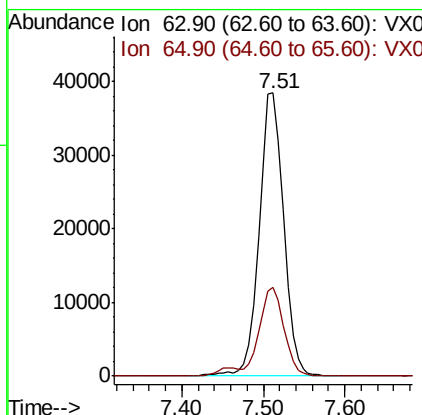
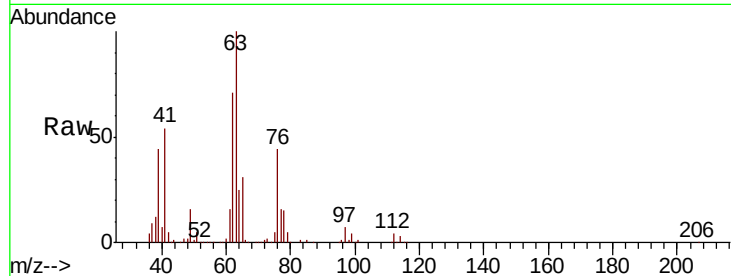




#45  
 1,2-Dichloropropane  
 Concen: 49.997 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

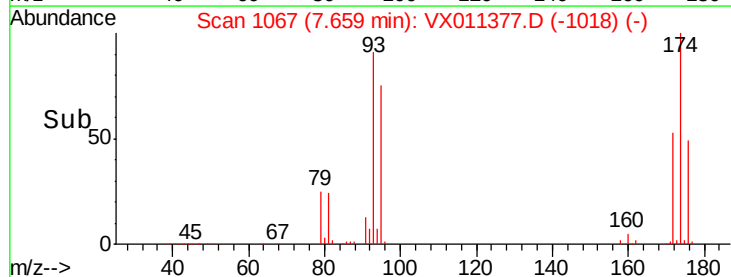
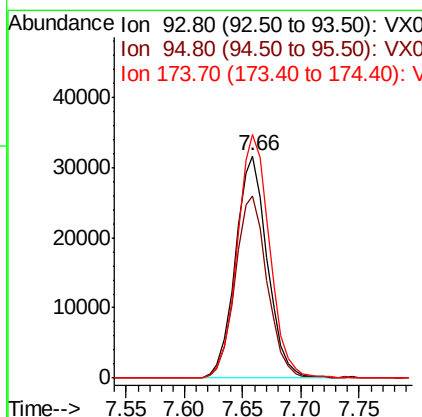
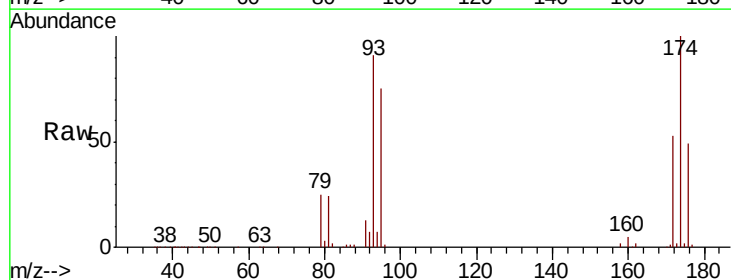
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

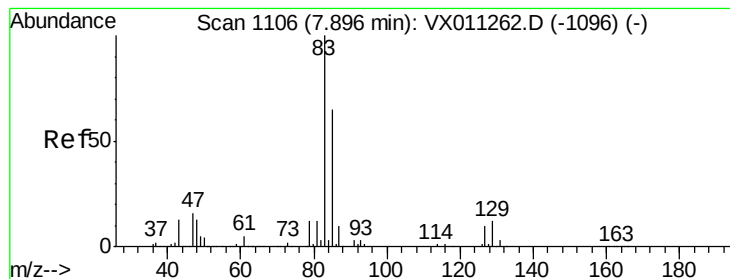
Tgt Ion: 63 Resp: 81108  
 Ion Ratio Lower Upper  
 63 100  
 65 31.5 23.3 34.9



#46  
 Dibromomethane  
 Concen: 50.874 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion: 93 Resp: 60249  
 Ion Ratio Lower Upper  
 93 100  
 95 82.7 66.4 99.6  
 174 111.2 93.4 140.2





#47

Bromodichloromethane

Concen: 55.758 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

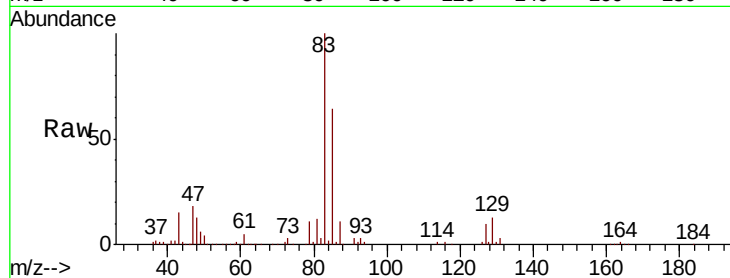
Tgt Ion: 83 Resp: 111799

Ion Ratio Lower Upper

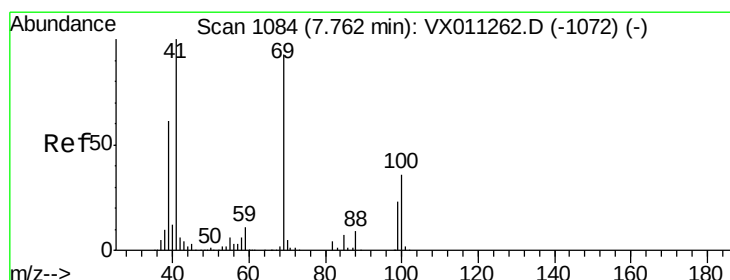
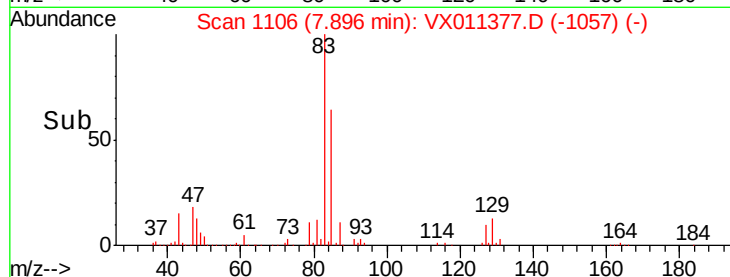
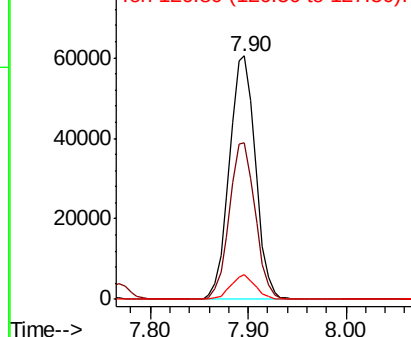
83 100

85 64.1 52.2 78.2

127 10.4 7.8 11.8



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: 56.636 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

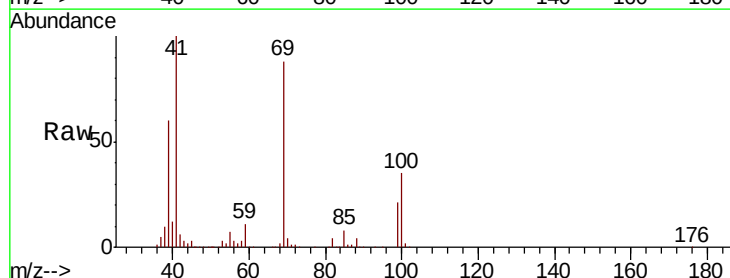
Tgt Ion: 41 Resp: 89725

Ion Ratio Lower Upper

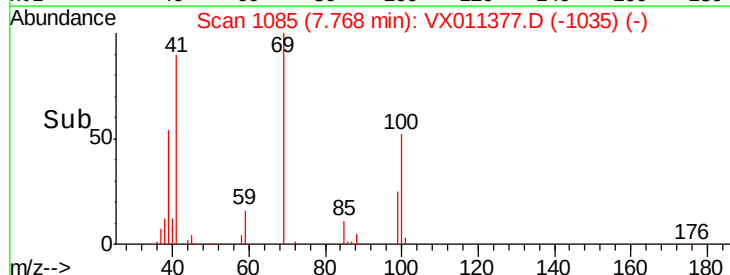
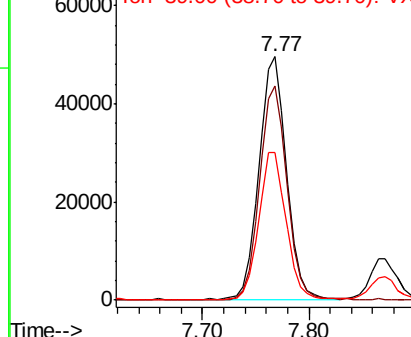
41 100

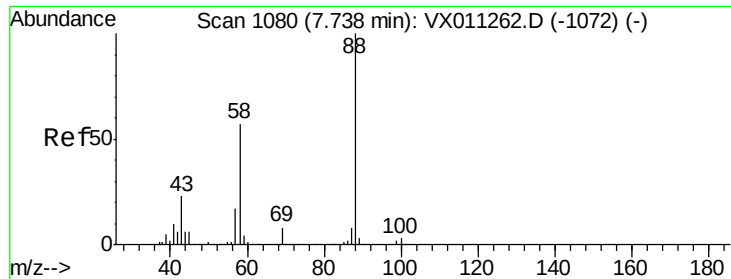
69 88.4 74.5 111.7

39 61.4 48.6 72.8



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

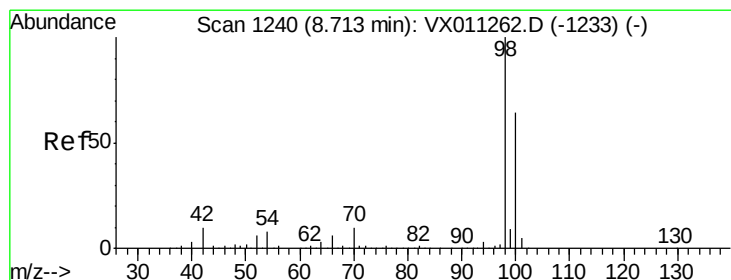
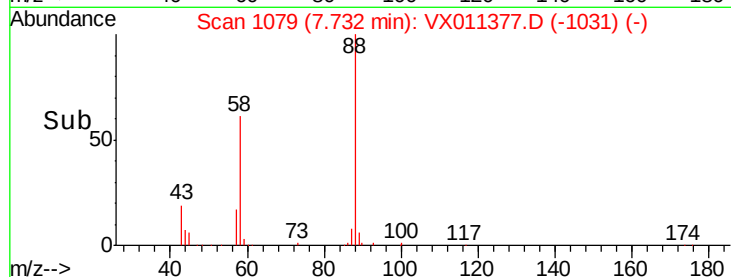
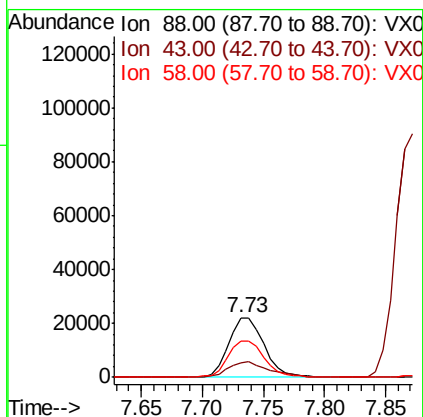
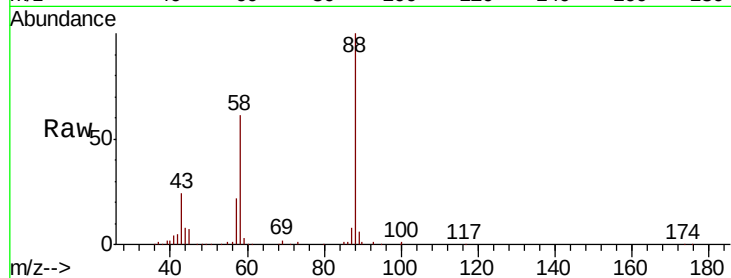




#49  
 1,4-Dioxane  
 Concen: 960.792 ug/l  
 RT: 7.73 min Scan# 1079  
 Delta R.T. -0.01 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

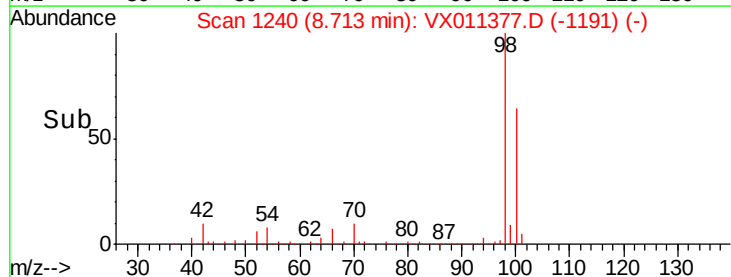
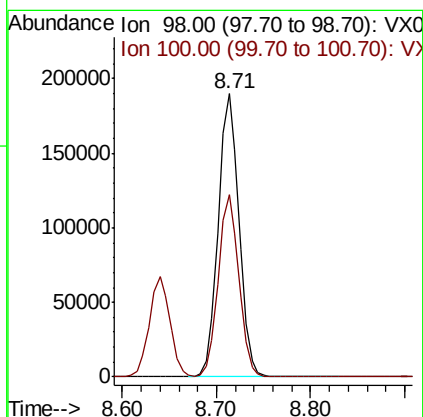
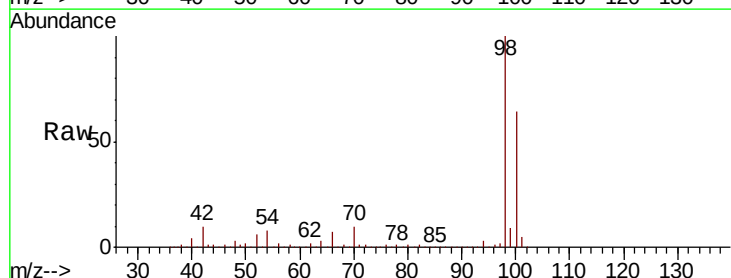
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

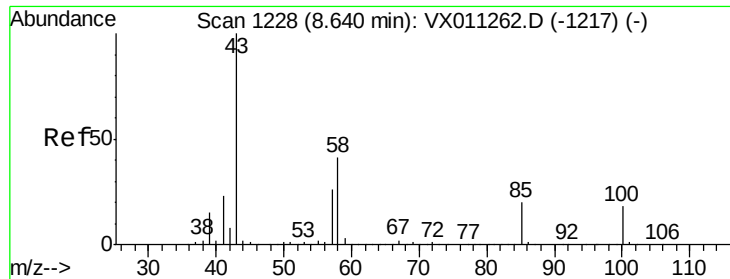
Tgt Ion: 88 Resp: 44128  
 Ion Ratio Lower Upper  
 88 100  
 43 29.5 22.2 33.2  
 58 63.6 47.8 71.8



#50  
 Toluene-d8  
 Concen: 48.864 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion: 98 Resp: 289522  
 Ion Ratio Lower Upper  
 98 100  
 100 63.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 280.036 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

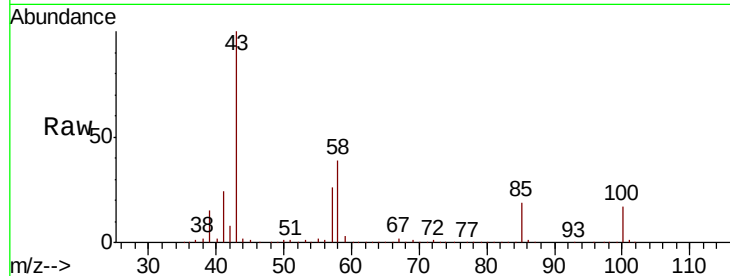
VSTDCCC050EC

Tgt Ion: 43 Resp: 608383

Ion Ratio Lower Upper

43 100

58 39.8 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

400000

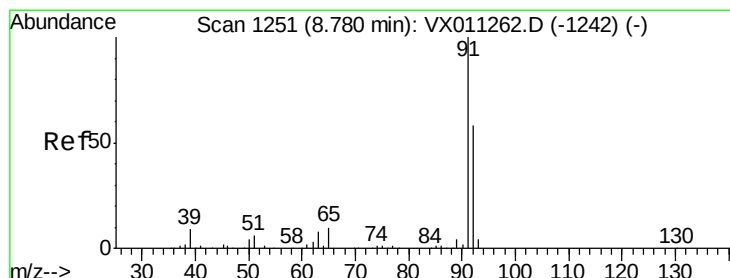
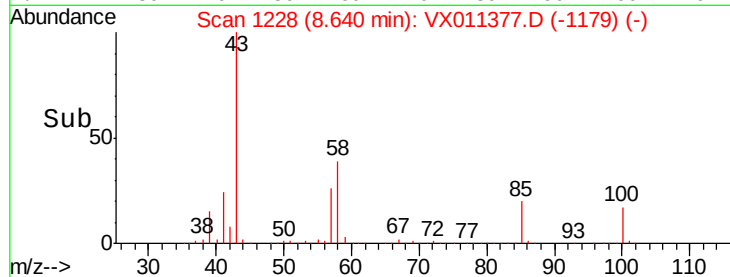
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.868 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011377.D

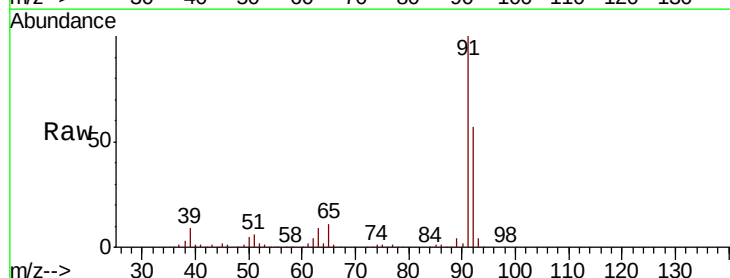
Acq: 07 Aug 2019 20:48

Tgt Ion: 92 Resp: 210671

Ion Ratio Lower Upper

92 100

91 175.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

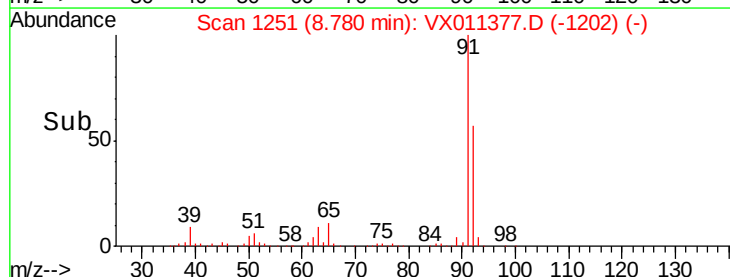
150000

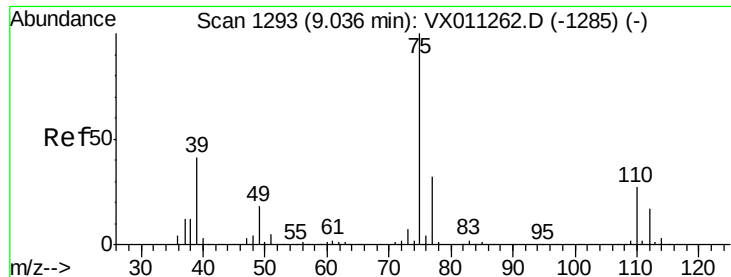
100000

50000

0

Time-->

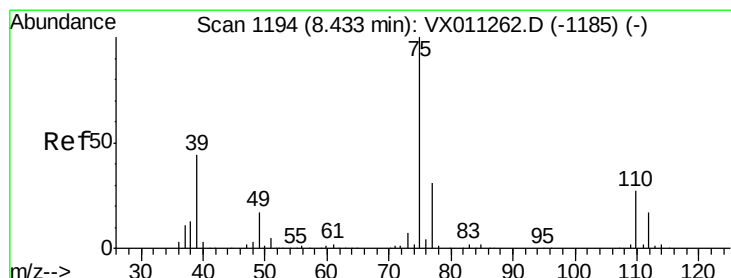
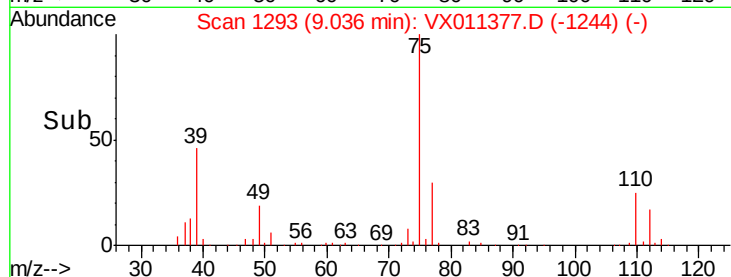
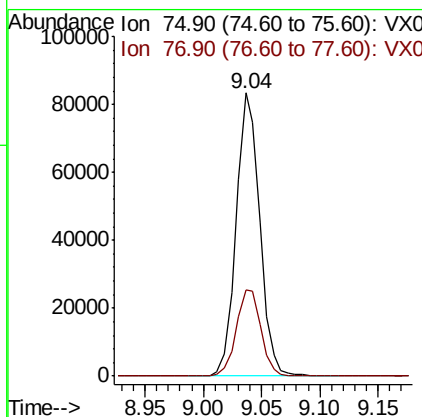
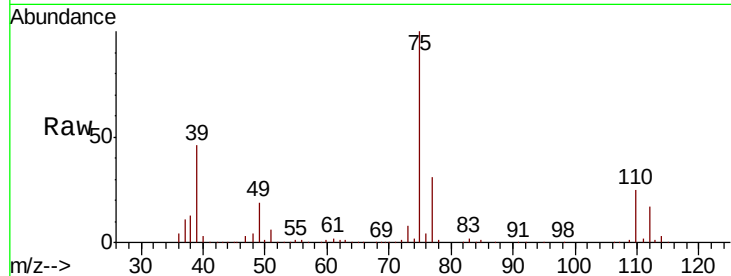




#53  
 t-1,3-Dichloropropene  
 Concen: 50.433 ug/l  
 RT: 9.04 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

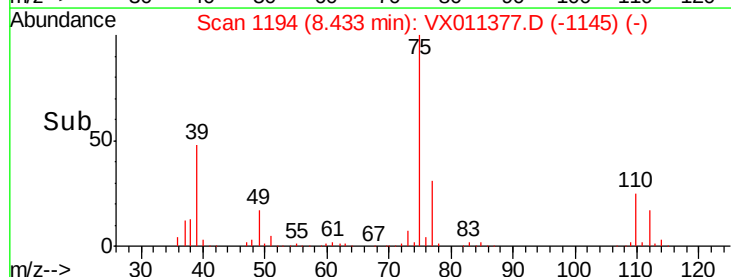
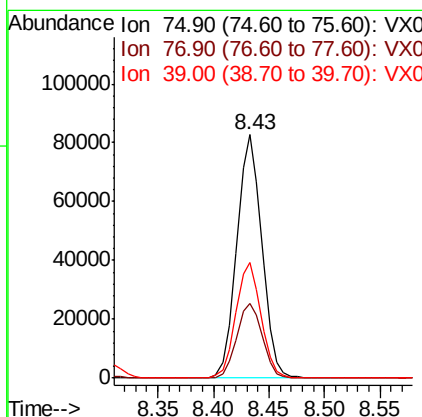
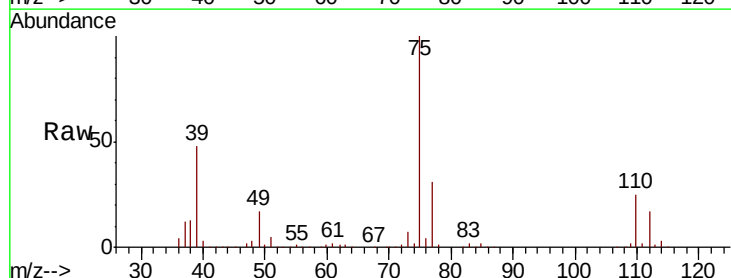
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

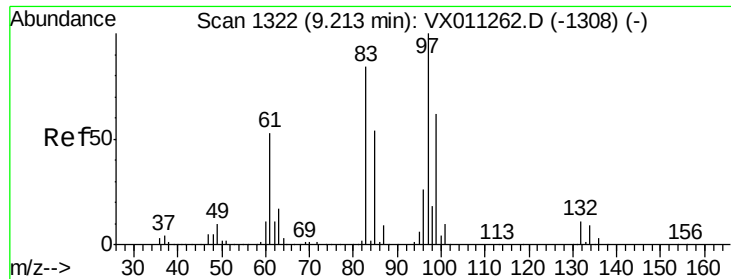
Tgt Ion: 75 Resp: 117826  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 55.025 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion: 75 Resp: 128879  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.0 37.6  
 39 47.5 35.3 52.9

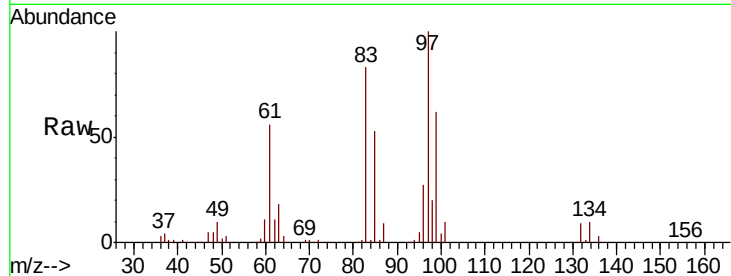




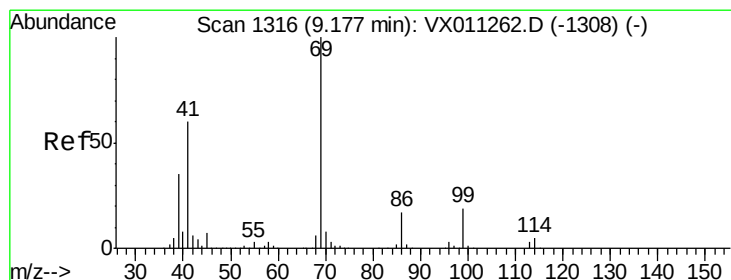
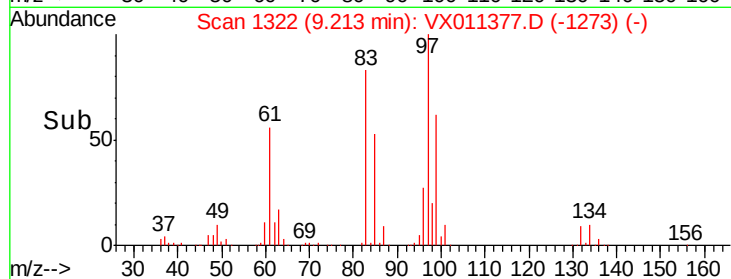
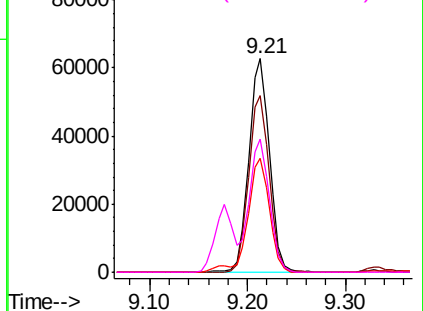
#55  
 1,1,2-Trichloroethane  
 Concen: 53.633 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 91328 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.8  | 67.6  | 101.4 |
| 85       | 53.1  | 43.4  | 65.0  |
| 99       | 62.4  | 49.6  | 74.4  |

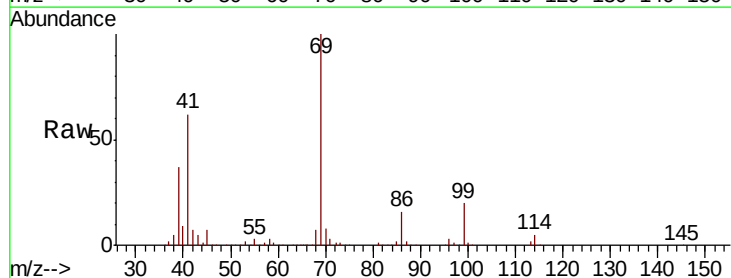


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

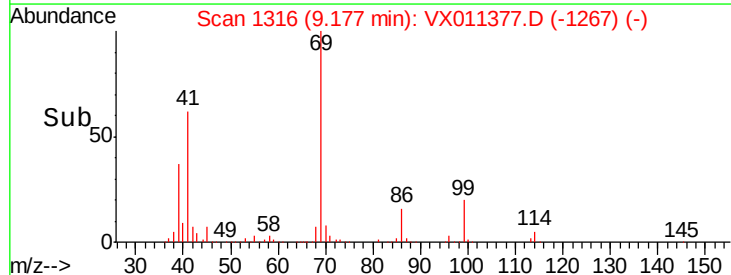
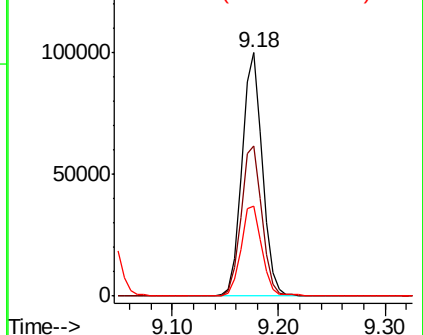


#56  
 Ethyl methacrylate  
 Concen: 55.503 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

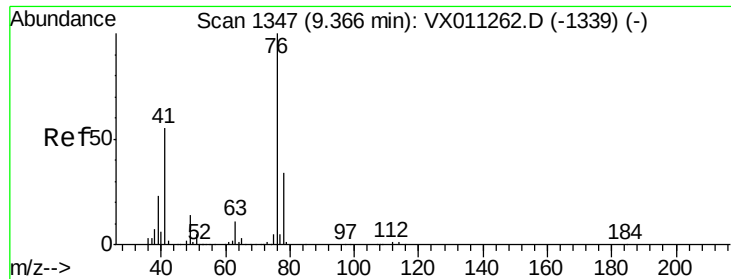
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 134684 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.3  | 48.6  | 73.0   |
| 39       | 37.7  | 29.4  | 44.2   |



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



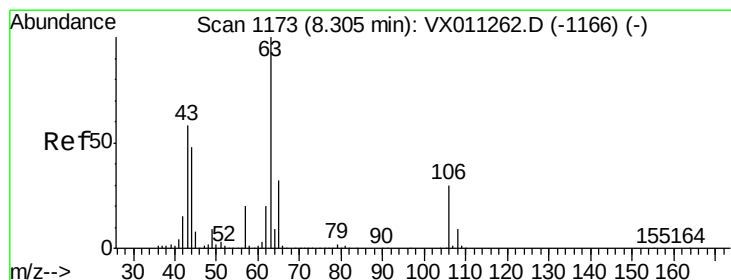
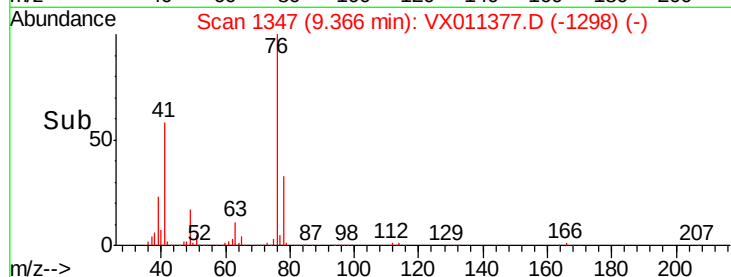
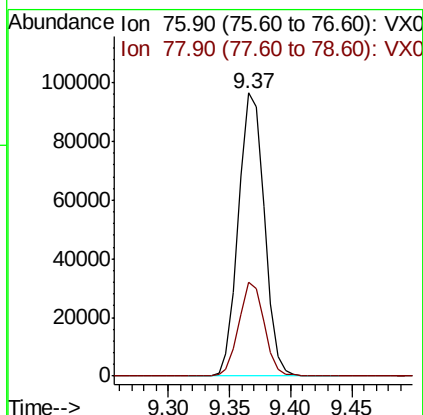
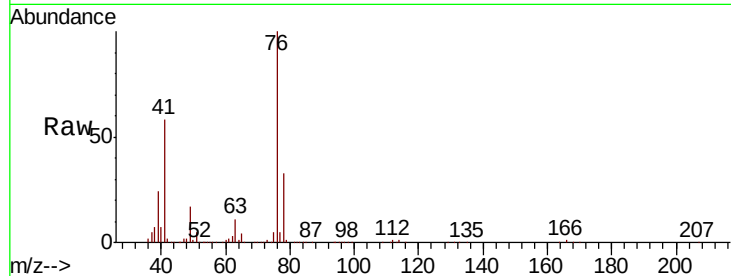




#57  
 1,3-Dichloropropane  
 Concen: 52.569 ug/l  
 RT: 9.37 min Scan# 1347  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

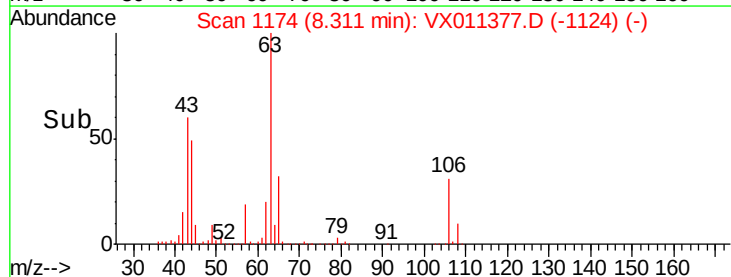
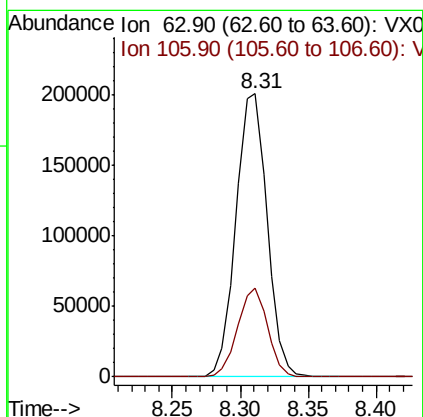
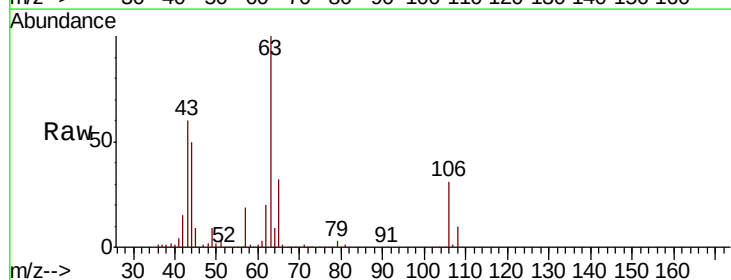
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

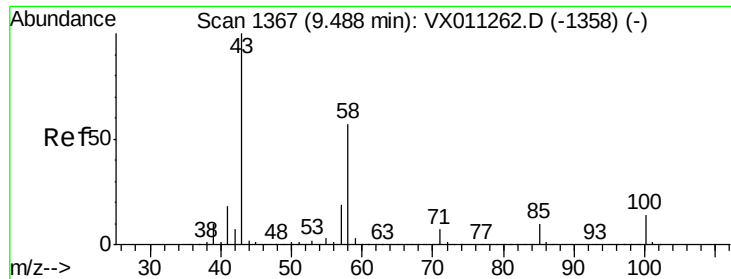
Tgt Ion: 76 Resp: 141568  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 26.6 40.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 269.858 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.01 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion: 63 Resp: 321980  
 Ion Ratio Lower Upper  
 63 100  
 106 30.2 24.4 36.6

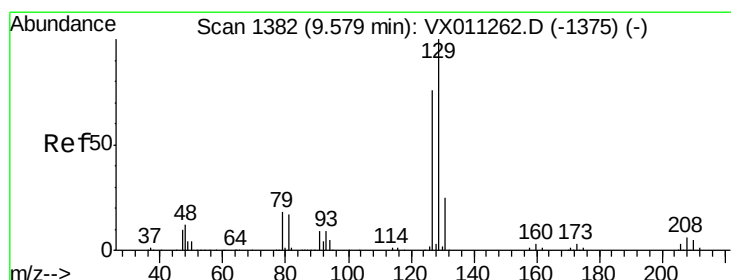
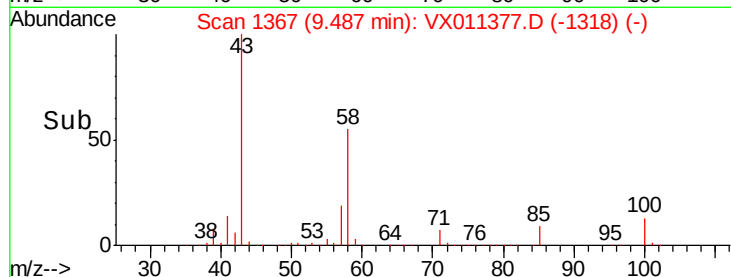
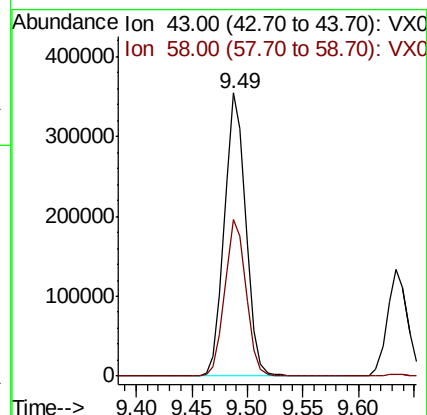
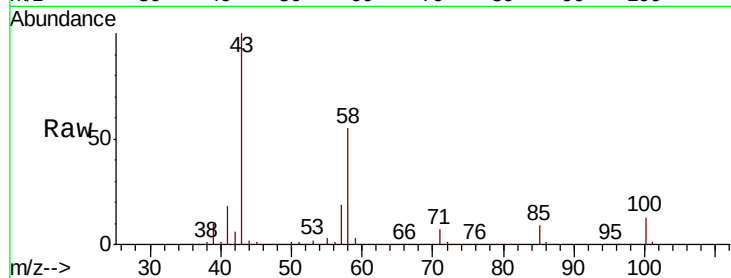




#59  
2-Hexanone  
Concen: 279.773 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

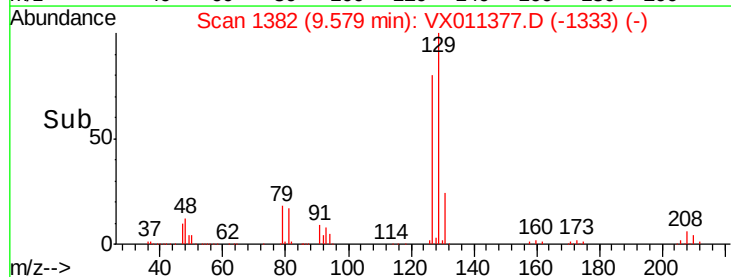
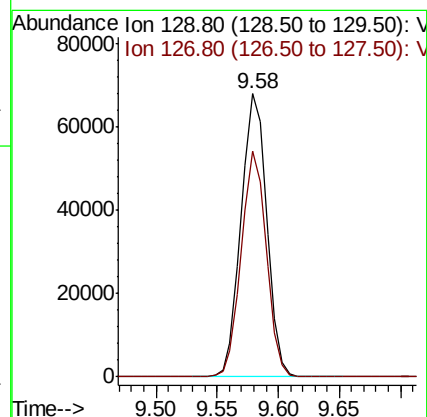
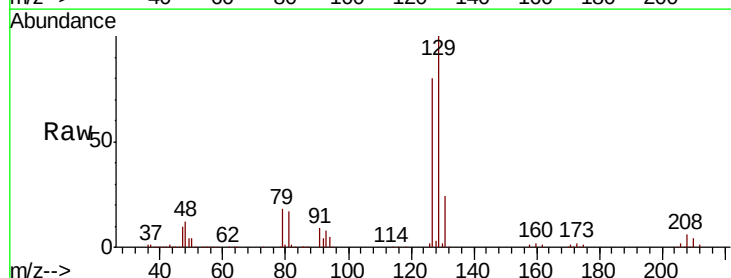
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

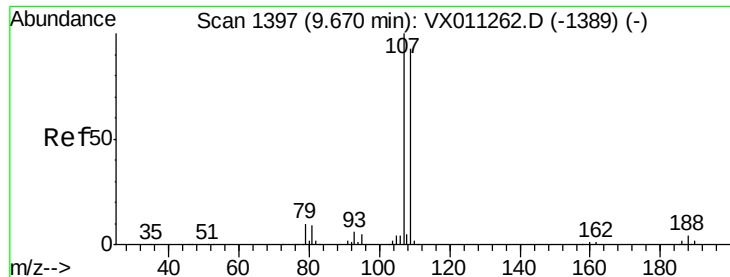
Tgt Ion: 43 Resp: 470789  
Ion Ratio Lower Upper  
43 100  
58 55.3 28.2 84.6



#60  
Dibromochloromethane  
Concen: 56.539 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion: 129 Resp: 98568  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.2 117.6

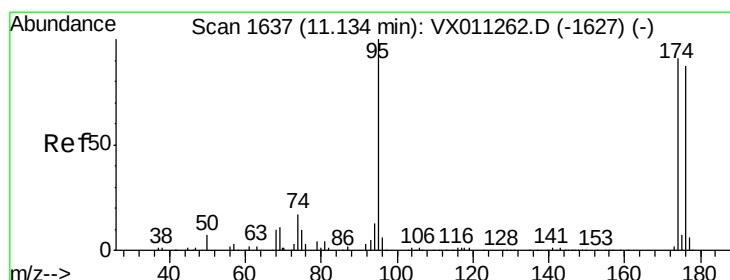
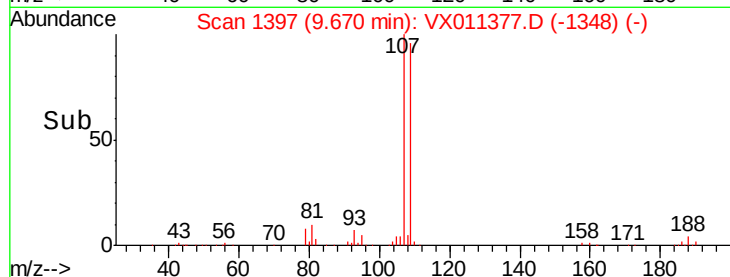
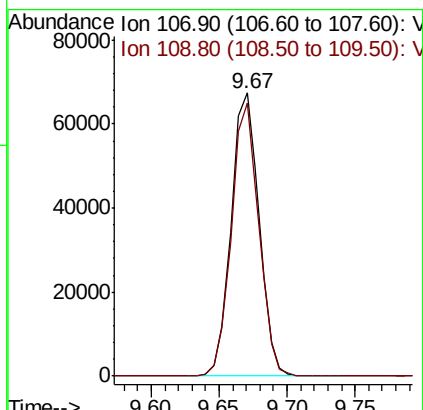
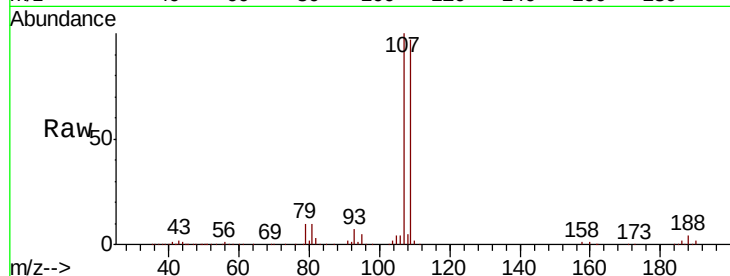




#61  
 1,2-Dibromoethane  
 Concen: 52.246 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

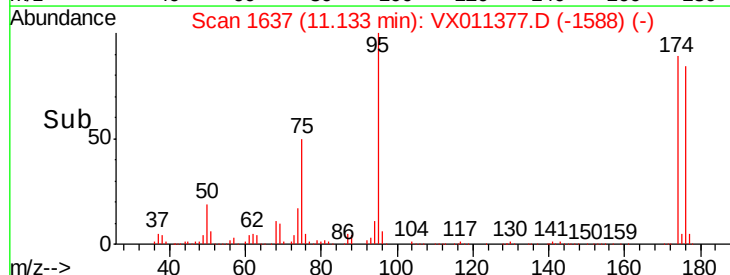
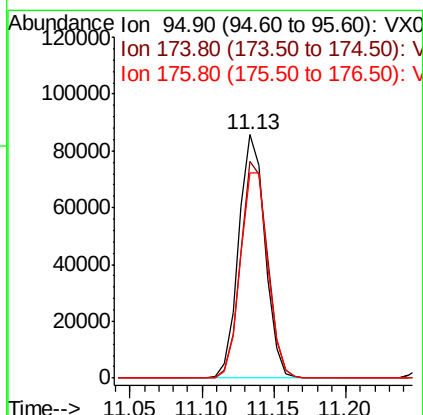
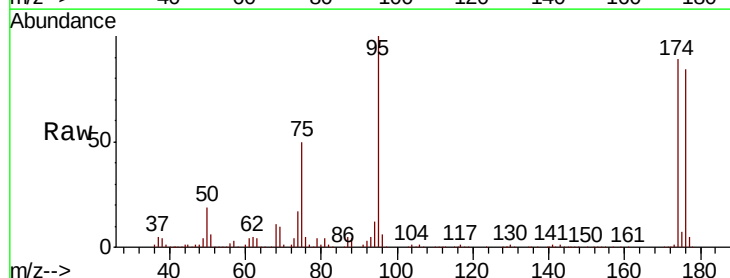
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

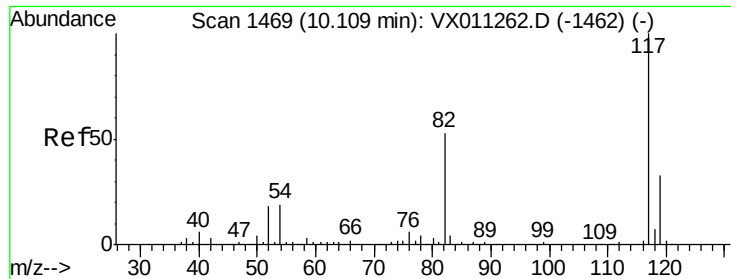
Tgt Ion: 107 Resp: 96118  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 51.469 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion: 95 Resp: 108879  
 Ion Ratio Lower Upper  
 95 100  
 174 90.9 0.0 191.2  
 176 88.4 0.0 184.8

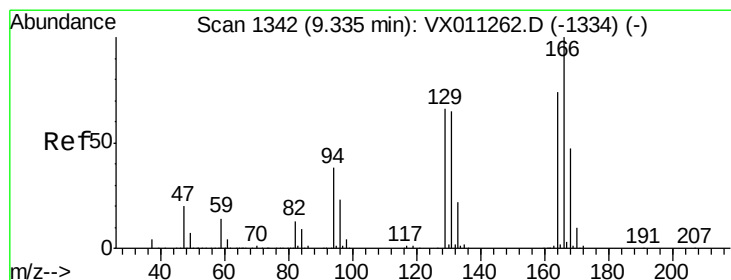
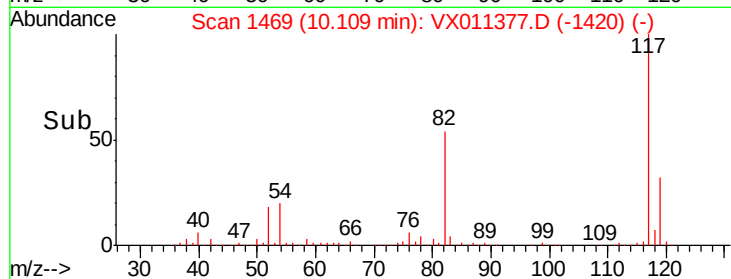
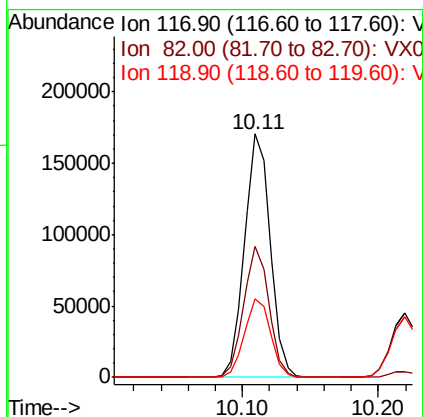
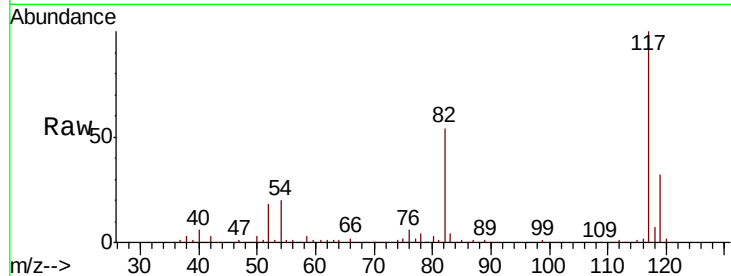




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

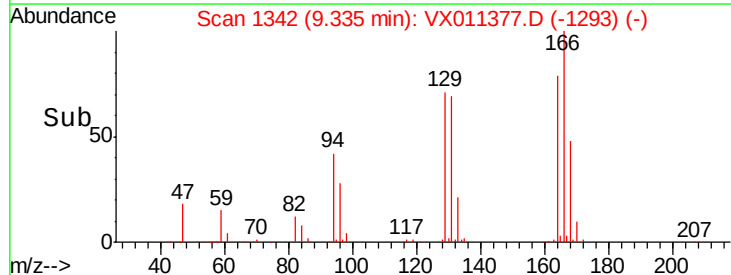
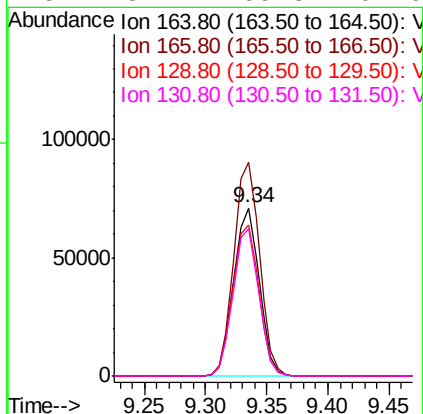
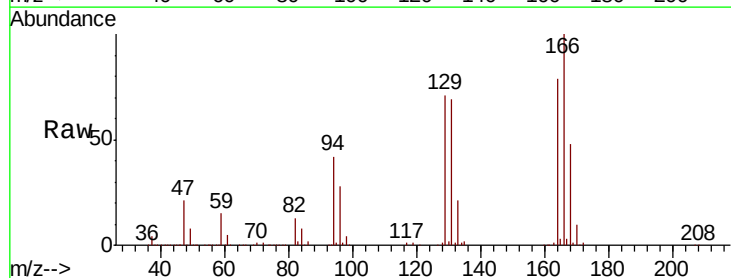
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

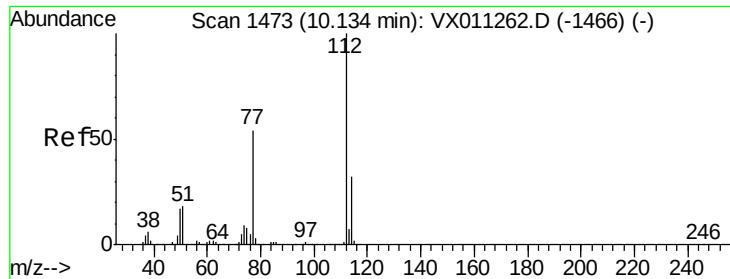
Tgt Ion:117 Resp: 225954  
Ion Ratio Lower Upper  
117 100  
82 54.0 42.2 63.2  
119 32.0 26.6 39.8



#64  
Tetrachloroethene  
Concen: 53.665 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion:164 Resp: 102977  
Ion Ratio Lower Upper  
164 100  
166 127.1 107.5 161.3  
129 89.8 71.0 106.4  
131 87.4 69.8 104.6

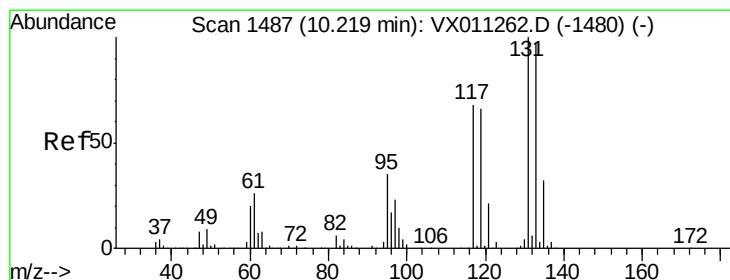
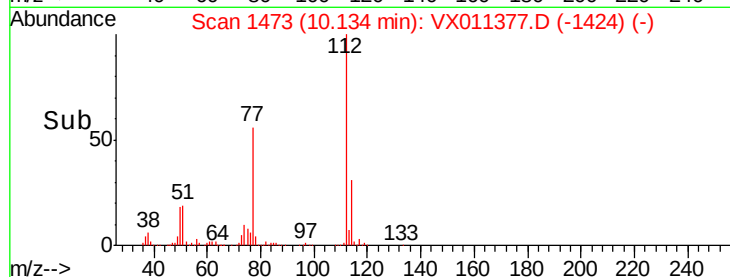
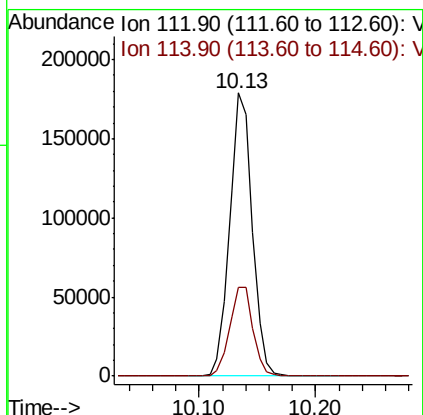
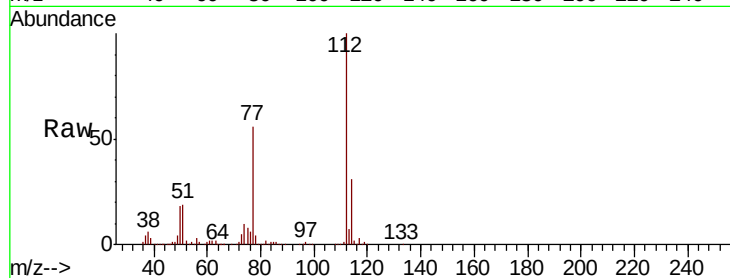




#65  
Chlorobenzene  
Concen: 49.687 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

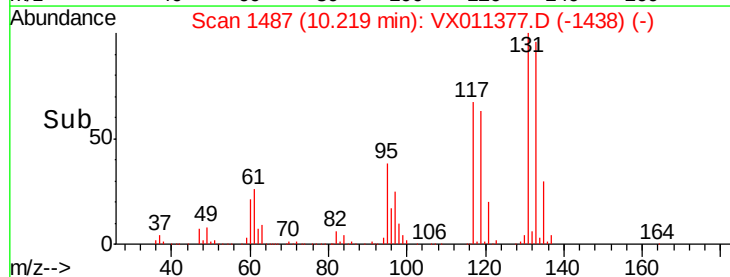
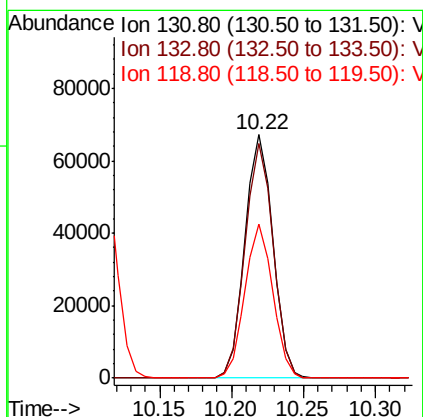
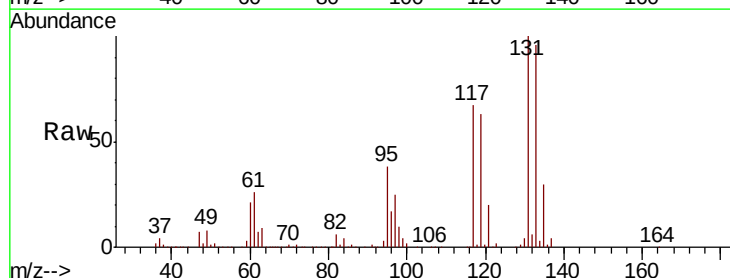
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

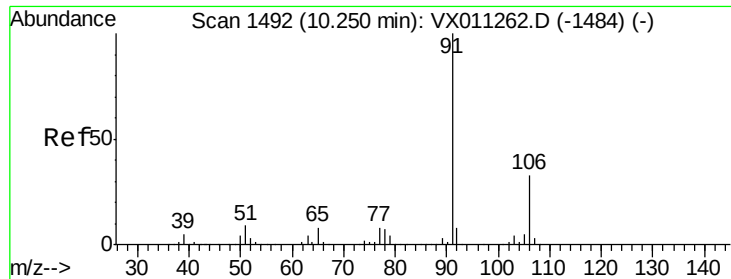
Tgt Ion:112 Resp: 240721  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.480 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion:131 Resp: 90362  
Ion Ratio Lower Upper  
131 100  
133 96.8 47.7 143.1  
119 63.5 32.8 98.3





#67

Ethyl Benzene

Concen: 51.480 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

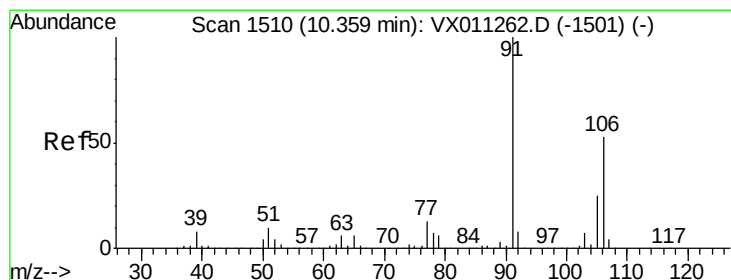
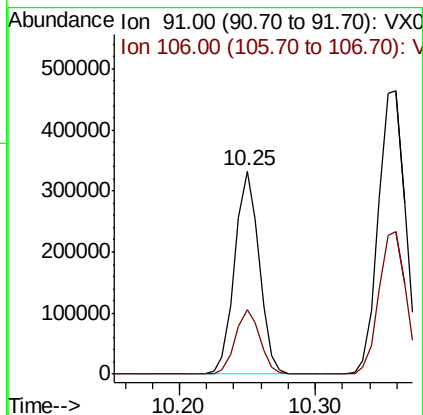
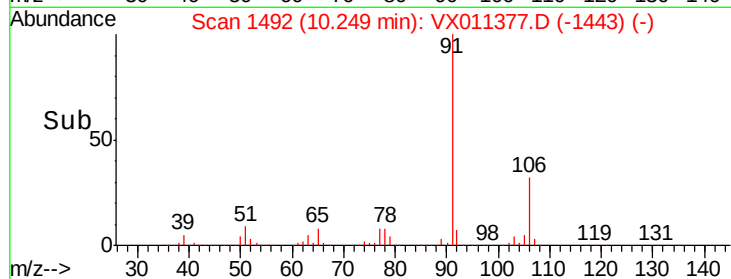
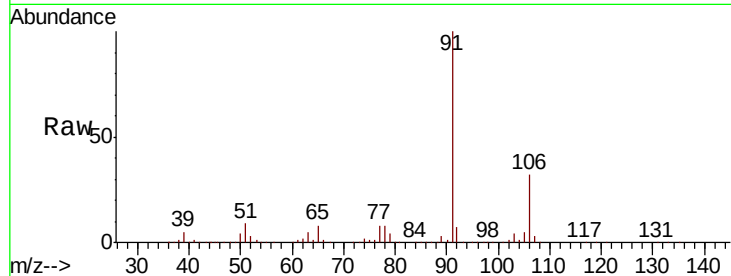
VSTDCCC050EC

Tgt Ion: 91 Resp: 417695

Ion Ratio Lower Upper

91 100

106 32.1 26.2 39.4



#68

m/p-Xylenes

Concen: 102.163 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011377.D

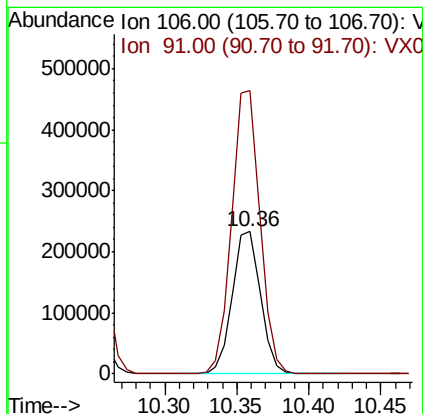
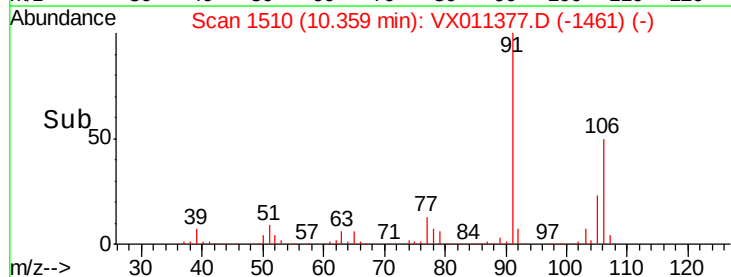
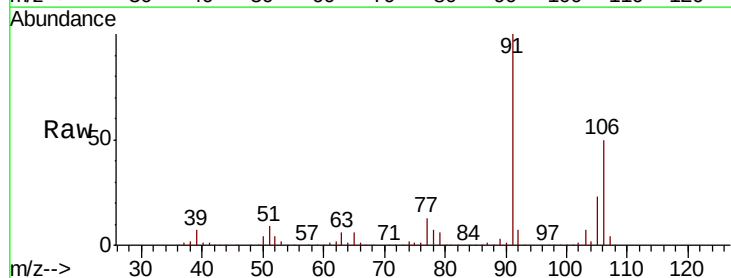
Acq: 07 Aug 2019 20:48

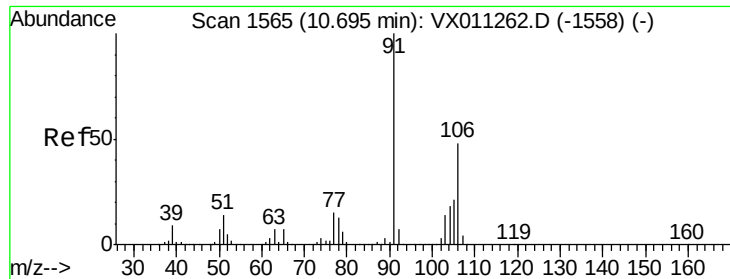
Tgt Ion: 106 Resp: 320625

Ion Ratio Lower Upper

106 100

91 200.2 155.9 233.9

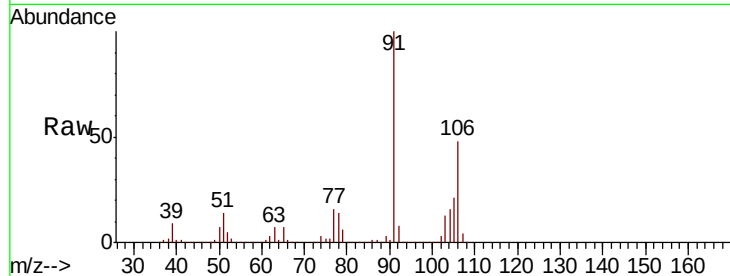




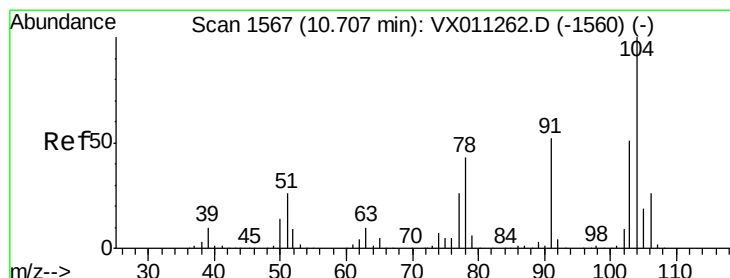
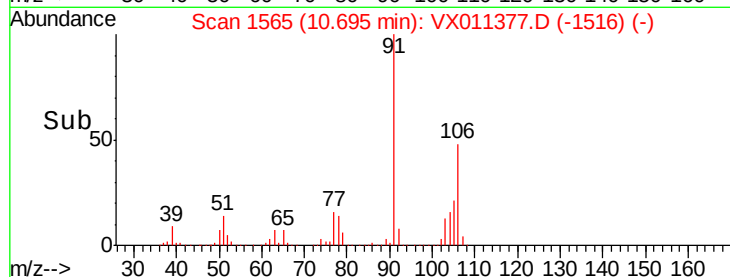
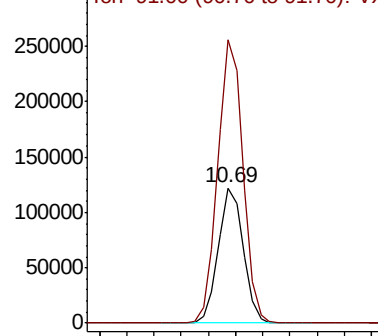
#69  
o-Xylene  
Concen: 51.048 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 157411  
Ion Ratio Lower Upper  
106 100  
91 211.0 103.8 311.3

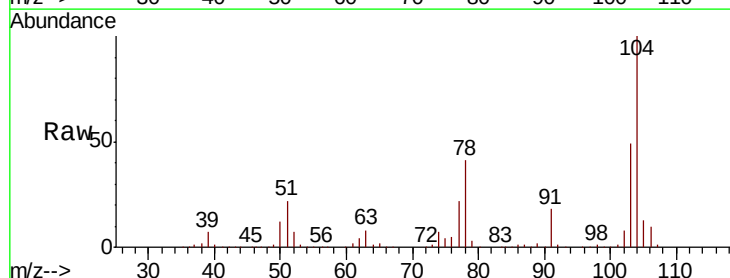


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

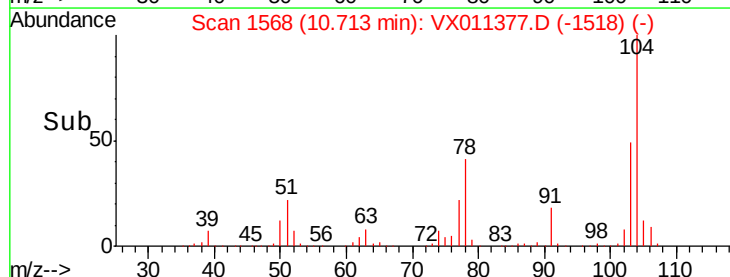
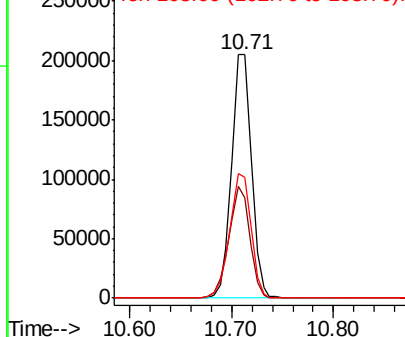


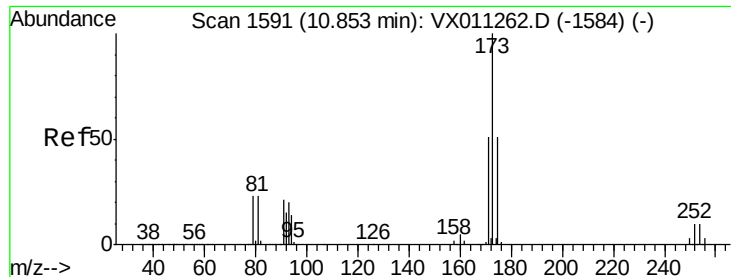
#70  
Styrene  
Concen: 53.872 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.01 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion:104 Resp: 274868  
Ion Ratio Lower Upper  
104 100  
78 48.5 36.9 55.3  
103 55.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.320 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

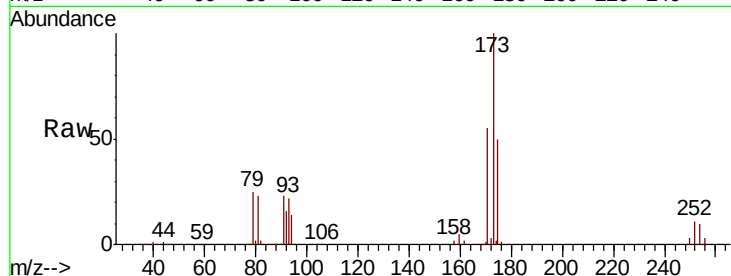
Tgt Ion:173 Resp: 74654

Ion Ratio Lower Upper

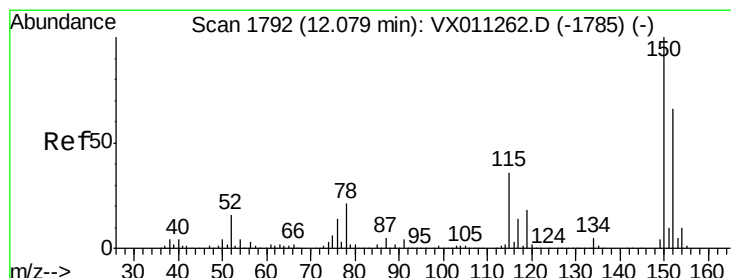
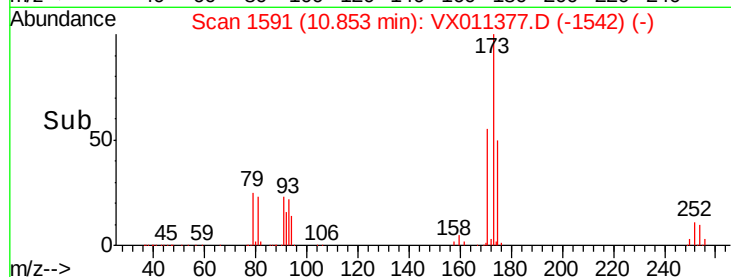
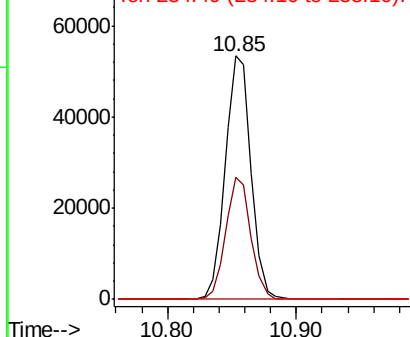
173 100

175 49.1 24.4 73.4

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# 1792

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

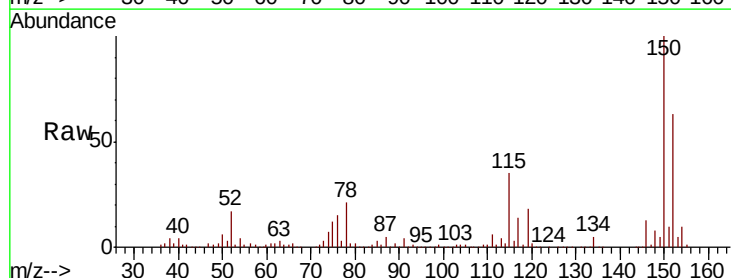
Tgt Ion:152 Resp: 122186

Ion Ratio Lower Upper

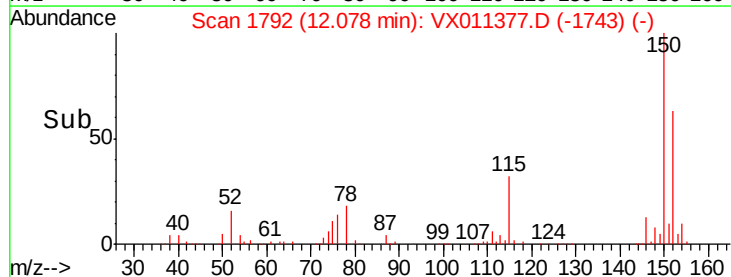
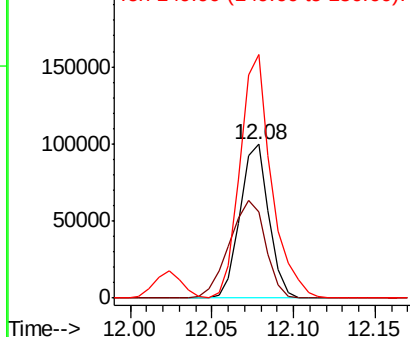
152 100

115 80.2 40.0 119.9

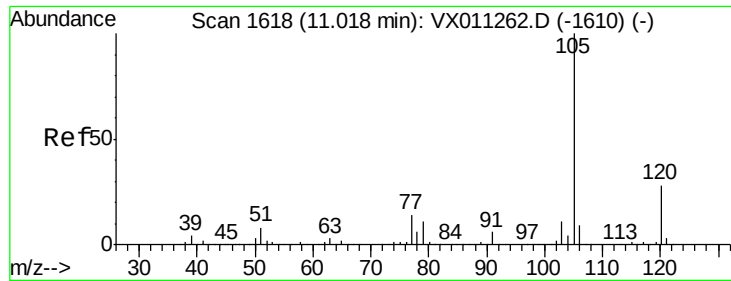
150 173.5 0.0 350.4



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



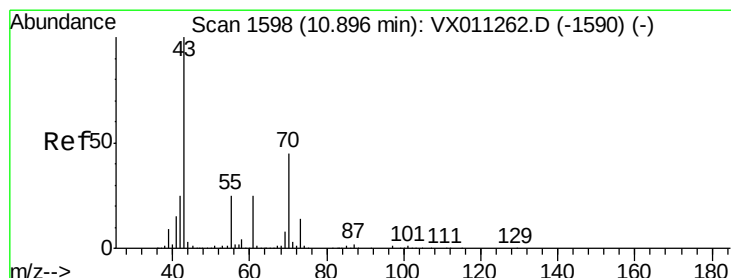
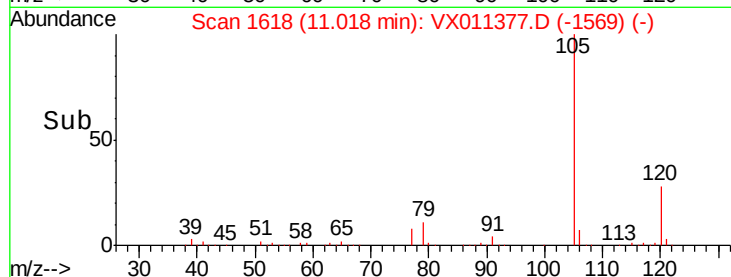
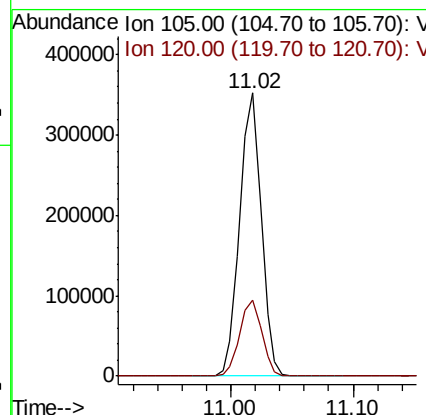
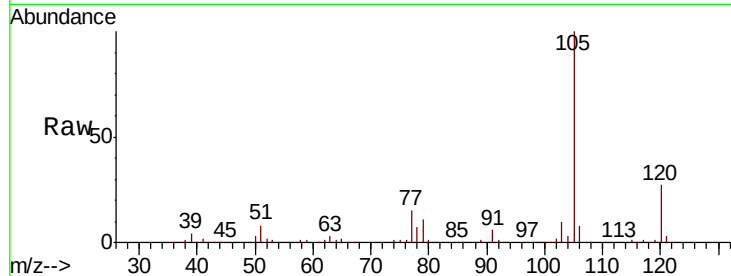




#73  
Isopropylbenzene  
Concen: 51.362 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

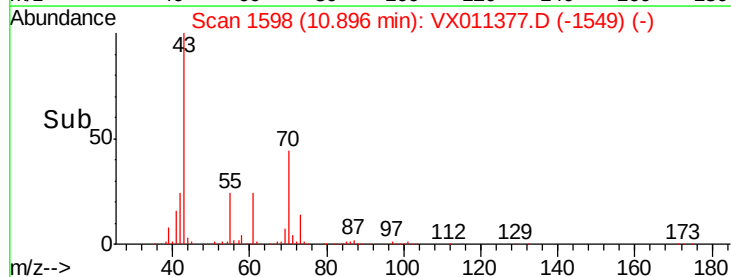
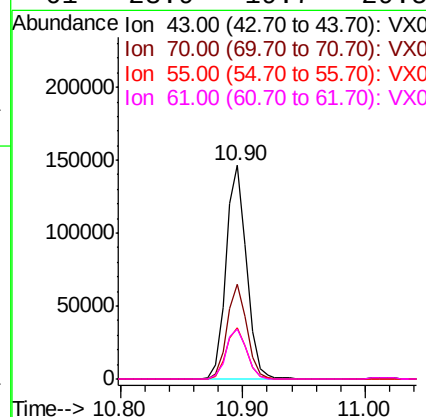
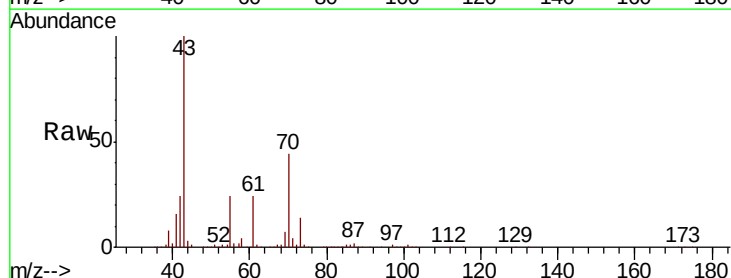
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

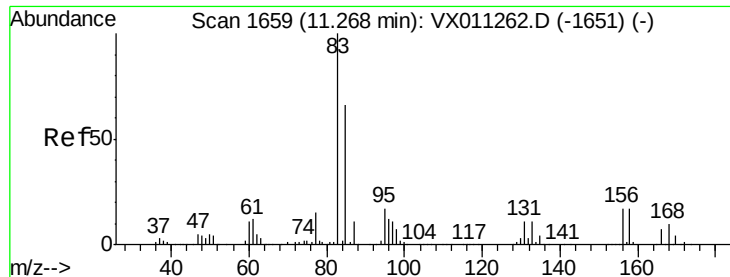
Tgt Ion: 105 Resp: 429218  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.7 41.1



#74  
N-ethyl acetate  
Concen: 56.198 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion: 43 Resp: 169692  
Ion Ratio Lower Upper  
43 100  
70 42.9 35.9 53.9  
55 24.6 19.8 29.6  
61 23.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.811 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

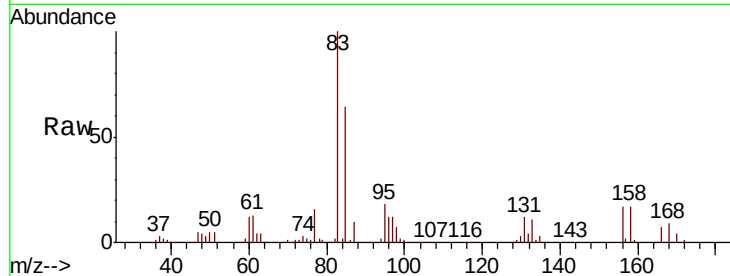
Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

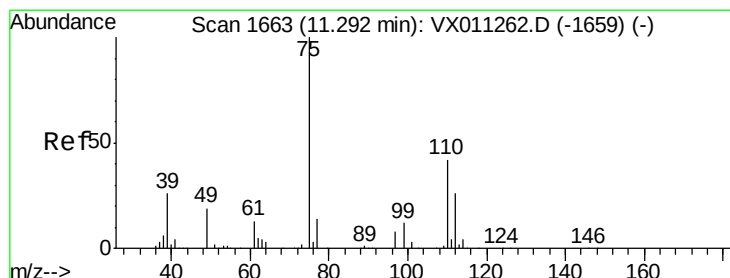
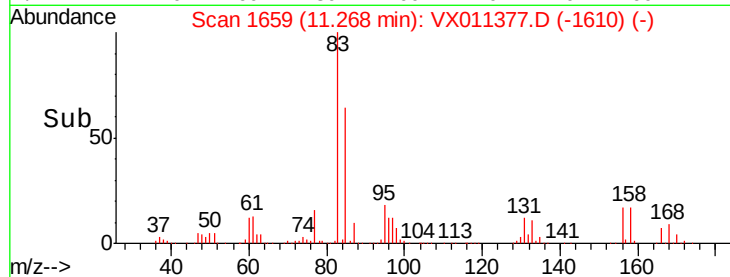
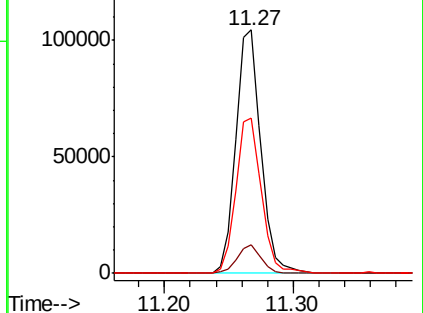
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 141501 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 11.1  | 5.6   | 16.8   |
| 85       | 64.8  | 32.1  | 96.5   |



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: 71.085 ug/l

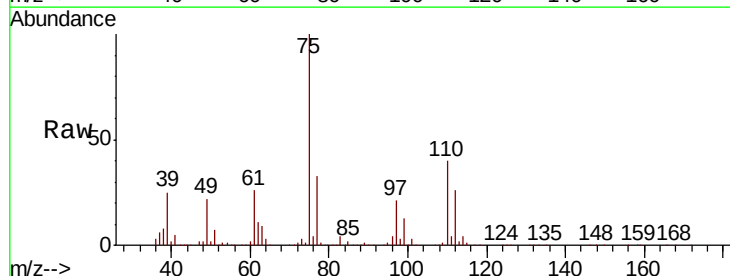
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011377.D

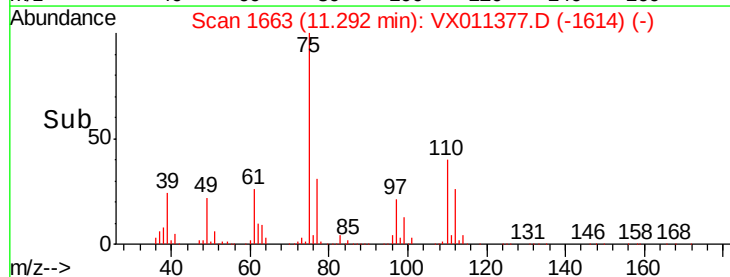
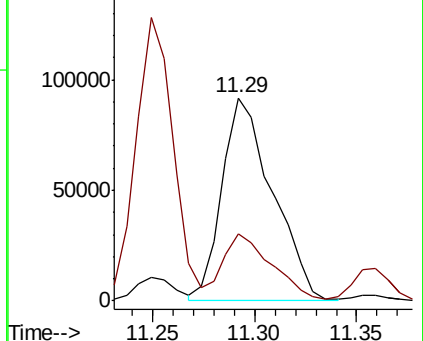
Acq: 07 Aug 2019 20:48

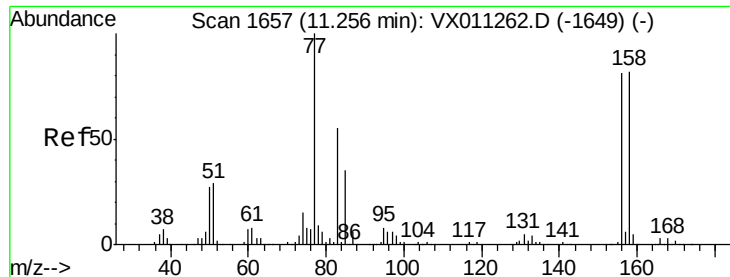
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 158176 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 32.0  | 21.1  | 63.4   |



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.764 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

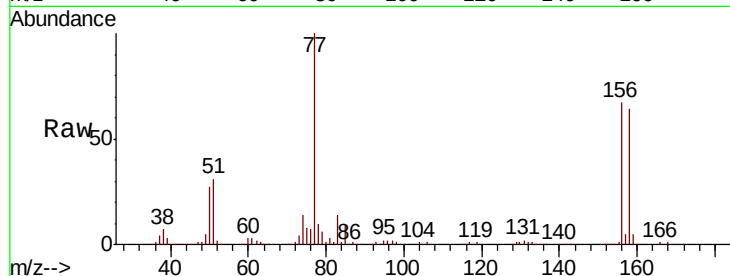
Tgt Ion:156 Resp: 115317

Ion Ratio Lower Upper

156 100

77 140.5 66.2 198.6

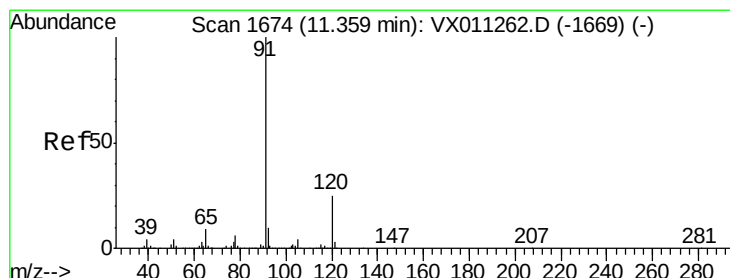
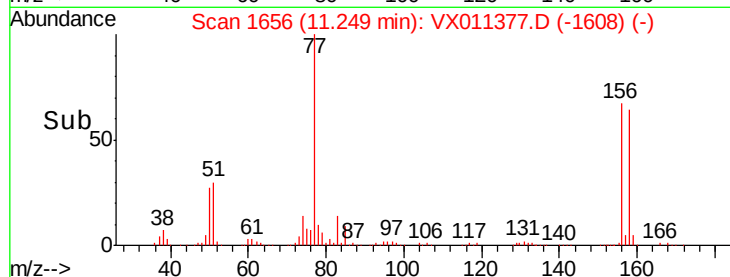
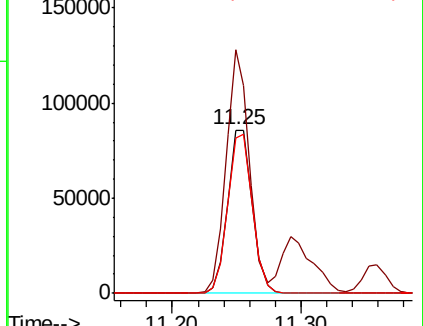
158 97.7 49.1 147.3



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: 51.389 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011377.D

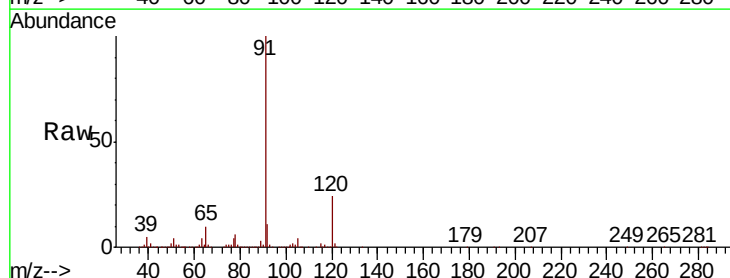
Acq: 07 Aug 2019 20:48

Tgt Ion: 91 Resp: 477566

Ion Ratio Lower Upper

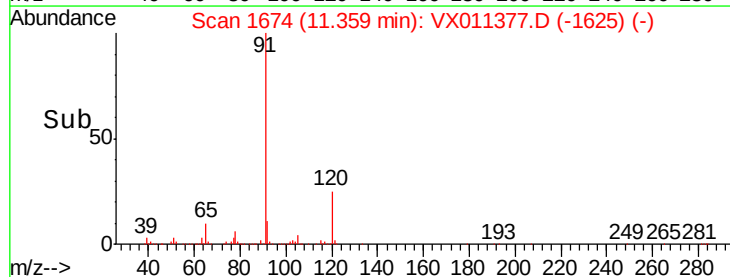
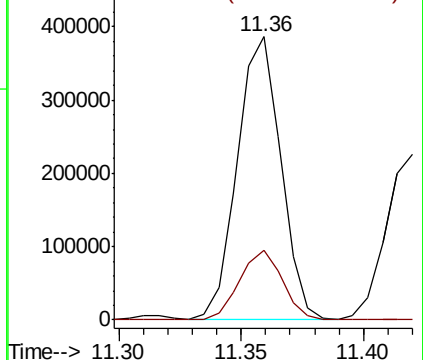
91 100

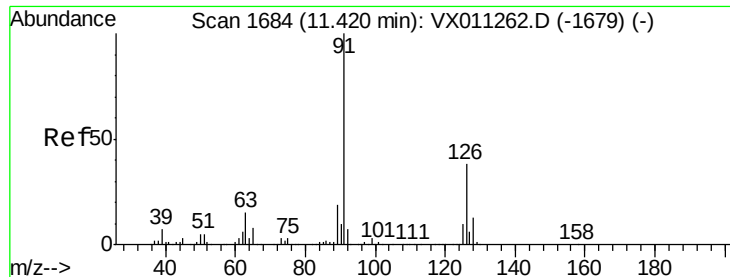
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.691 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

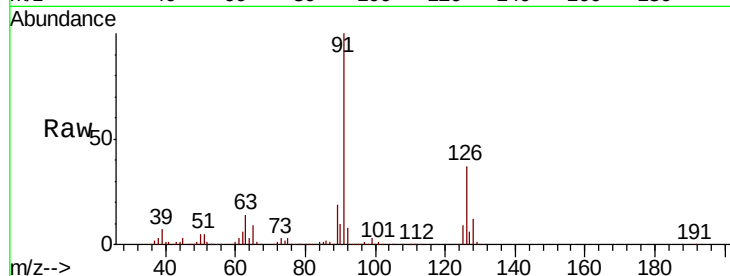
VSTDCCC050EC

Tgt Ion: 91 Resp: 286314

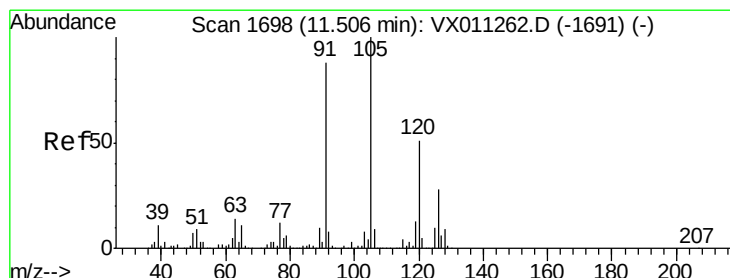
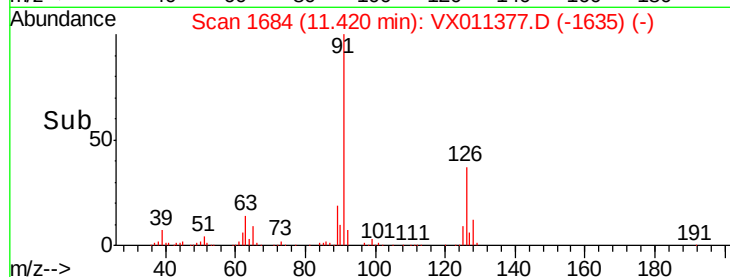
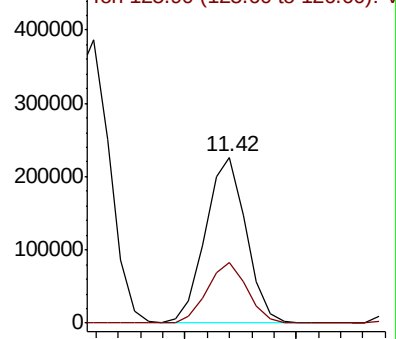
Ion Ratio Lower Upper

91 100

126 36.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.427 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011377.D

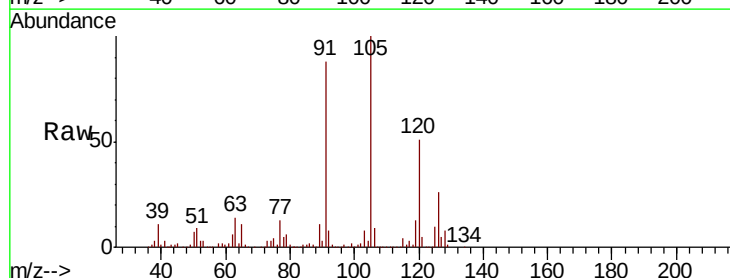
Acq: 07 Aug 2019 20:48

Tgt Ion: 105 Resp: 359756

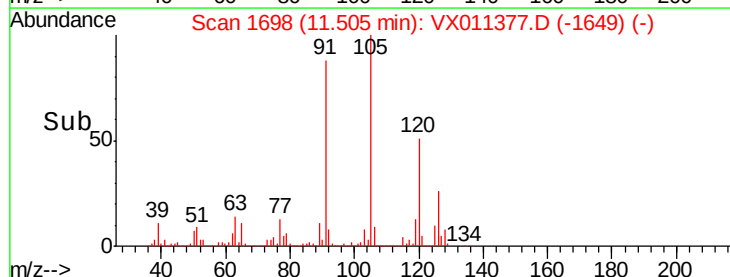
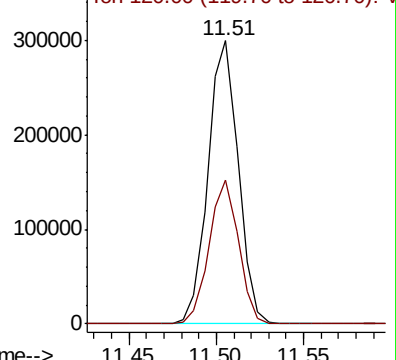
Ion Ratio Lower Upper

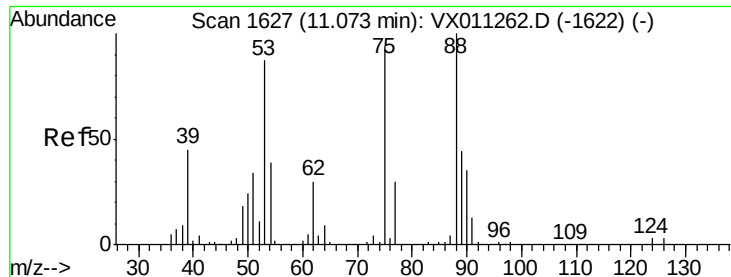
105 100

120 49.5 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1691) (-)

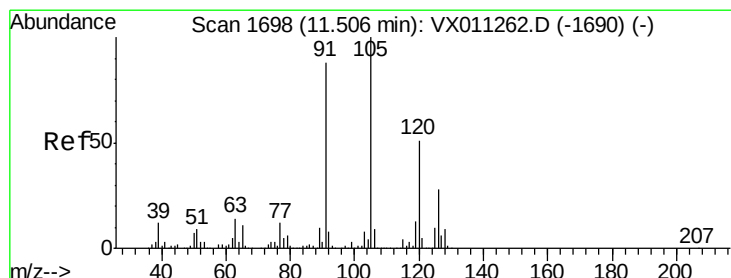
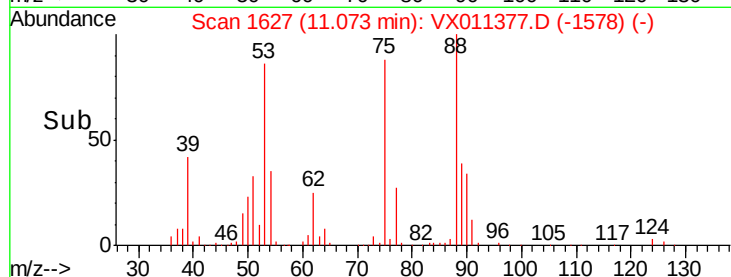
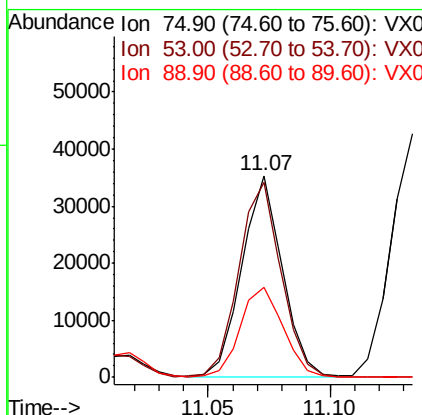
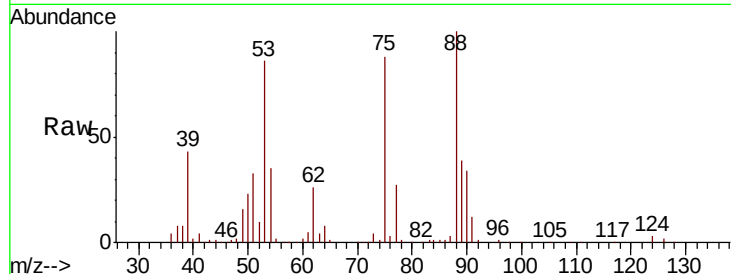




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.786 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

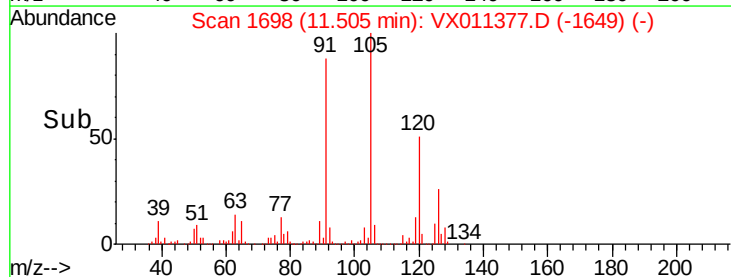
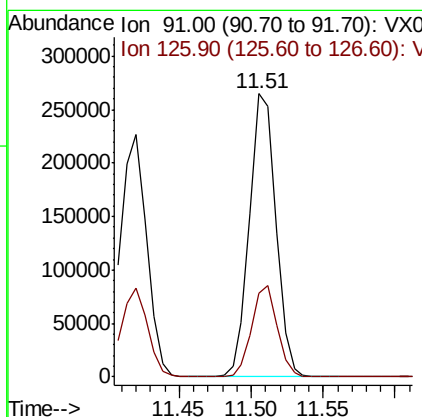
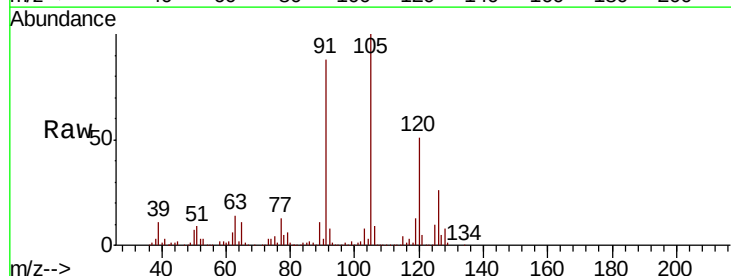
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

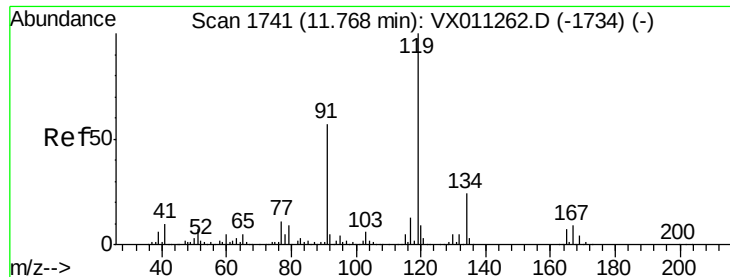
Tgt Ion: 75 Resp: 40553  
Ion Ratio Lower Upper  
75 100  
53 101.3 78.2 117.4  
89 47.8 37.9 56.9



#82  
4-Chlorotoluene  
Concen: 52.051 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion: 91 Resp: 336000  
Ion Ratio Lower Upper  
91 100  
126 31.3 16.4 49.2

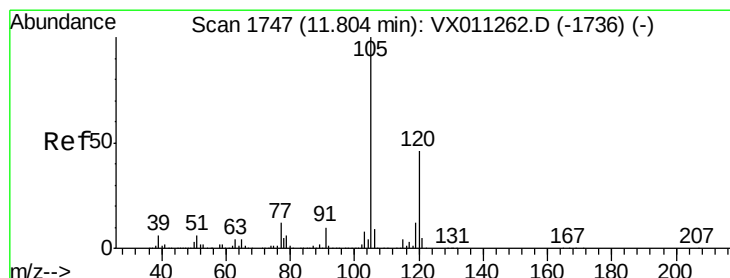
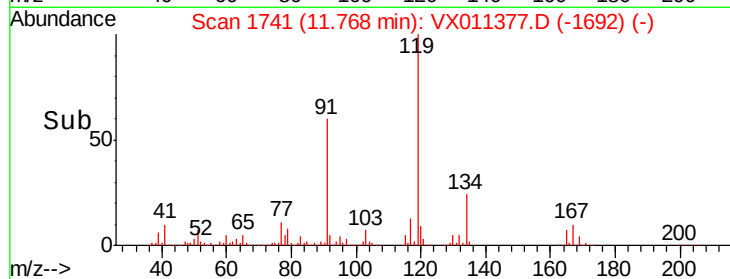
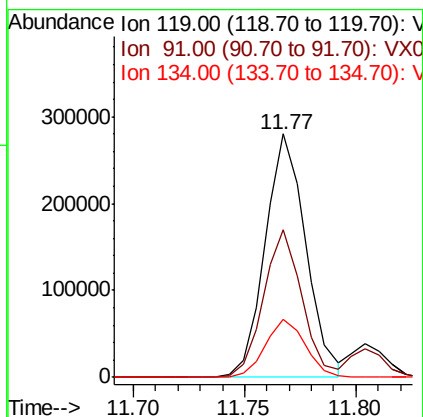
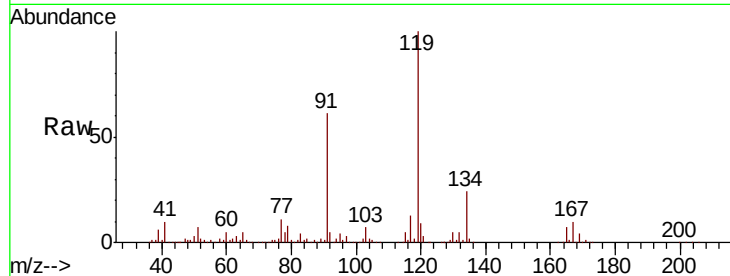




#83  
 tert-Butylbenzene  
 Concen: 51.758 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

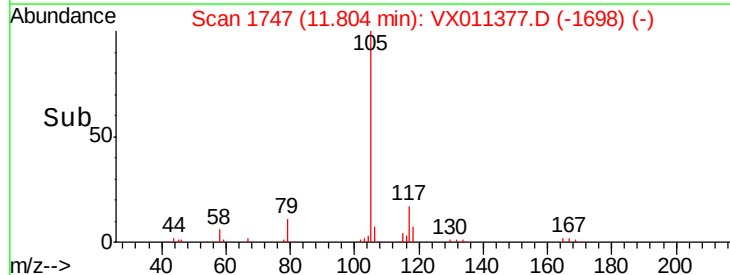
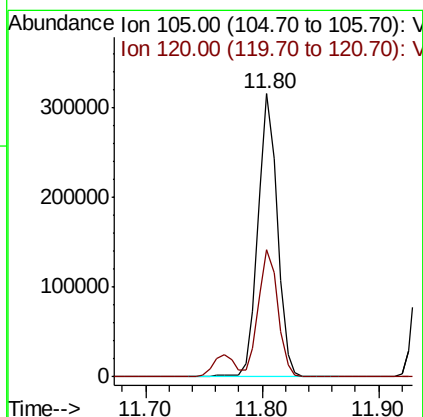
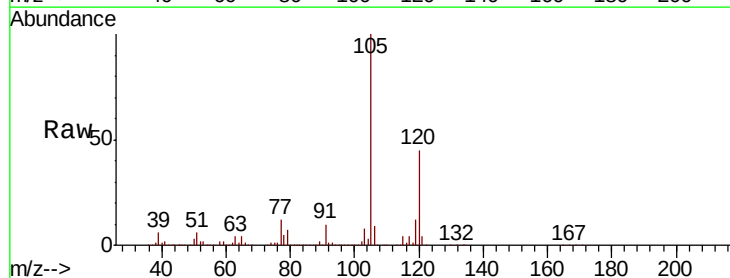
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

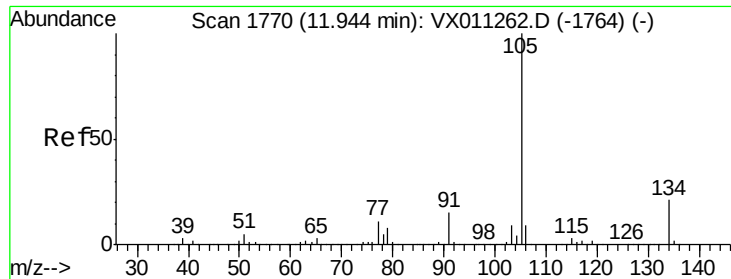
Tgt Ion:119 Resp: 355105  
 Ion Ratio Lower Upper  
 119 100  
 91 57.7 28.0 84.0  
 134 23.4 11.9 35.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.624 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion:105 Resp: 366515  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 23.0 69.0

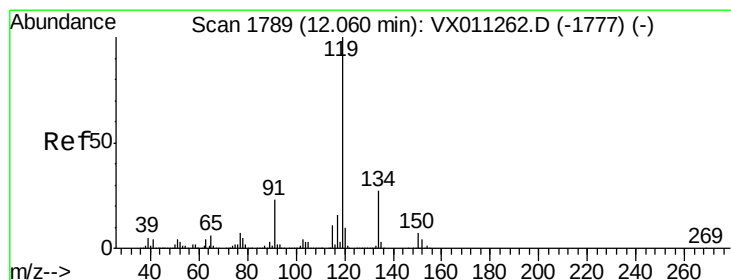
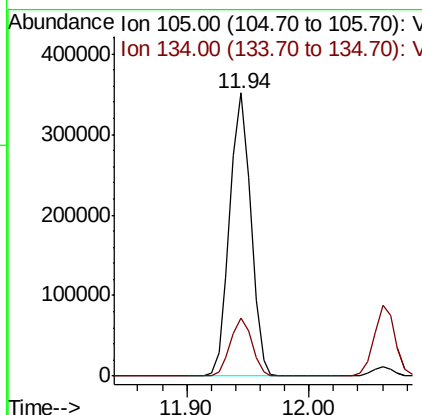
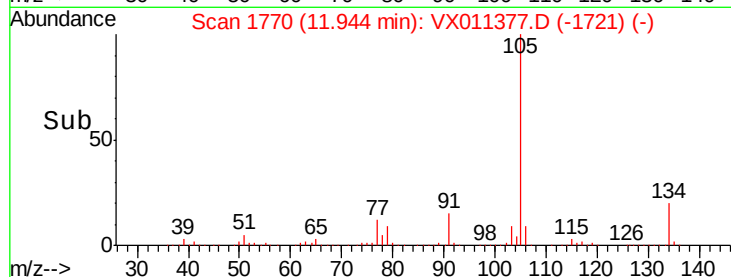
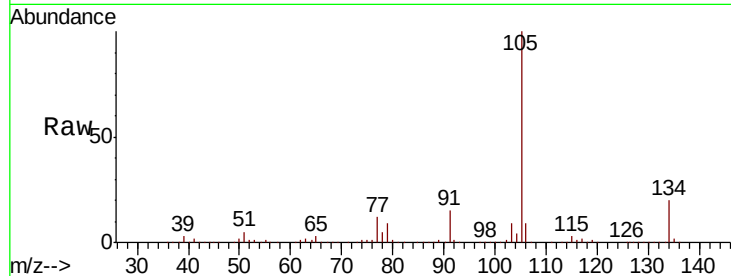




#85  
 sec-Butylbenzene  
 Concen: 50.911 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

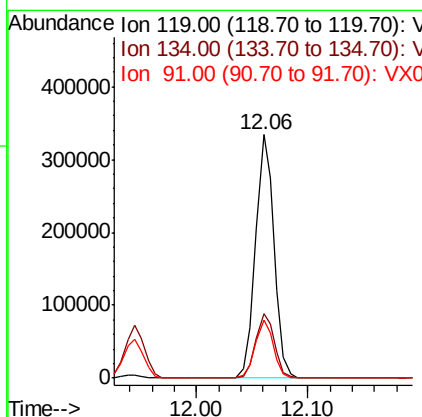
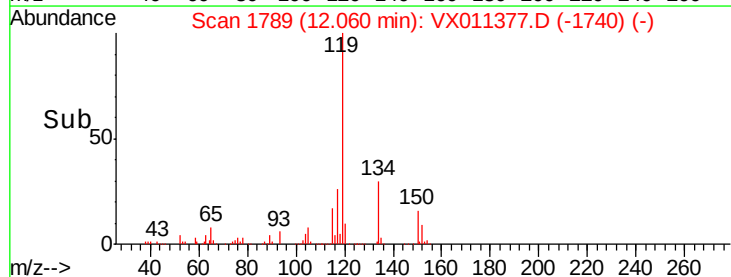
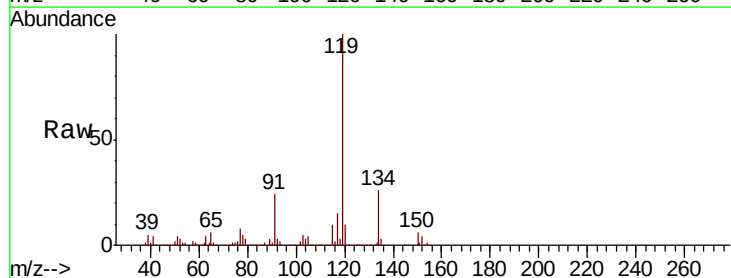
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

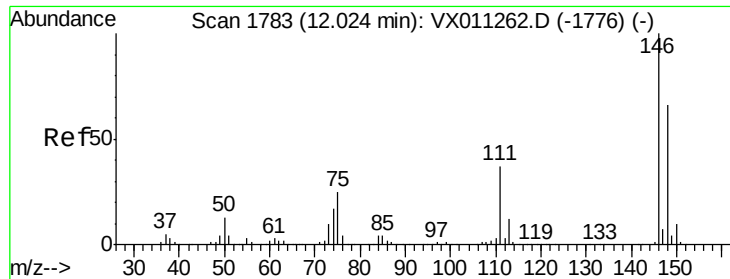
Tgt Ion:105 Resp: 419667  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.4



#86  
 p-Isopropyltoluene  
 Concen: 51.004 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion:119 Resp: 386783  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.7 41.0  
 91 23.3 11.4 34.2

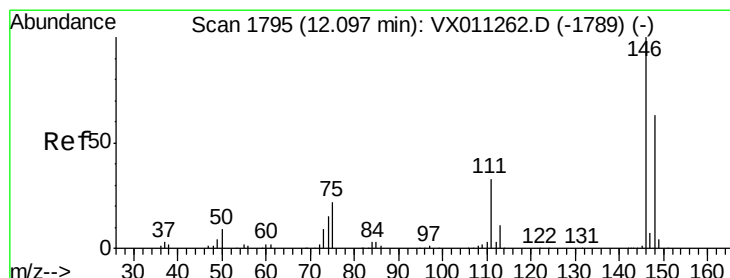
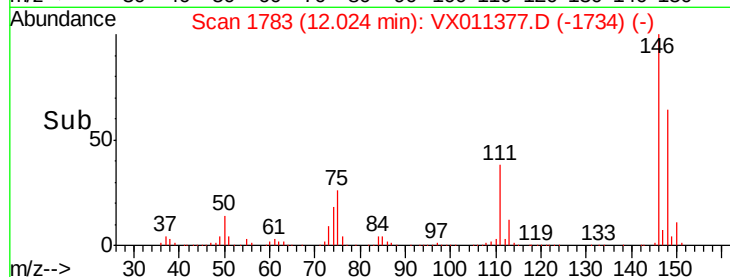
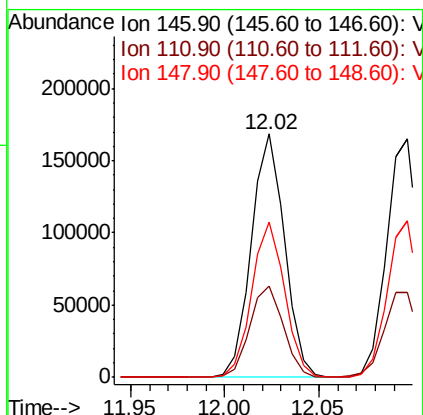
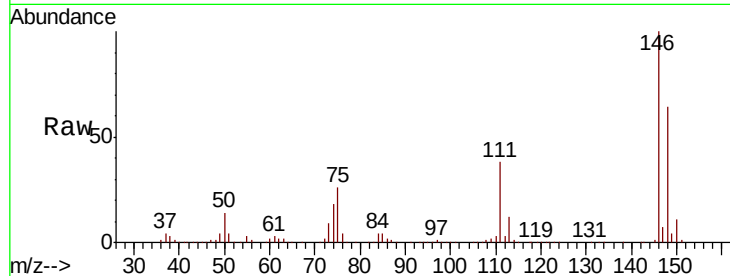




#87  
 1,3-Dichlorobenzene  
 Concen: 50.268 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

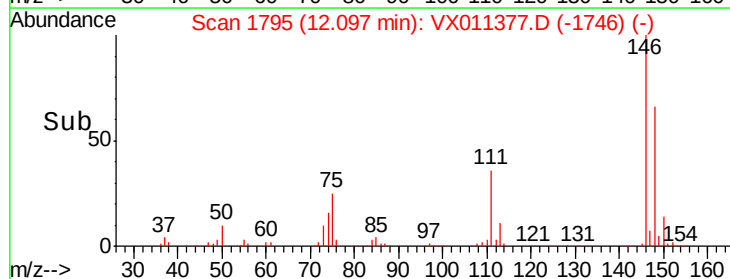
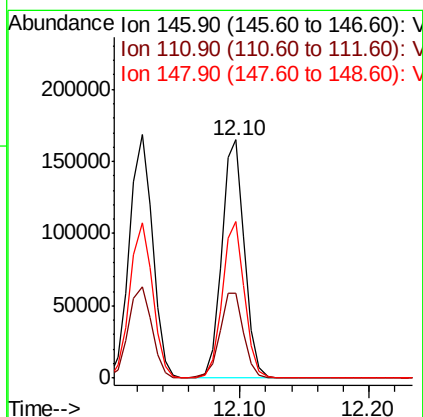
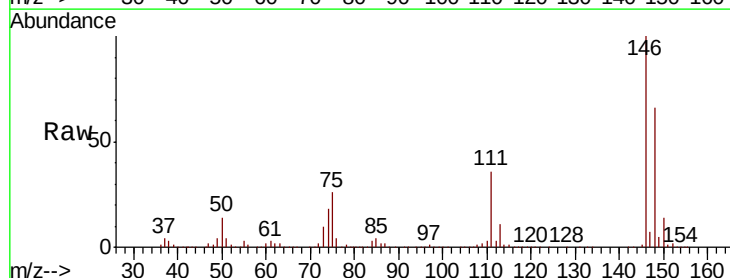
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:146 Resp: 205818  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 18.6 55.8  
 148 63.4 32.5 97.5

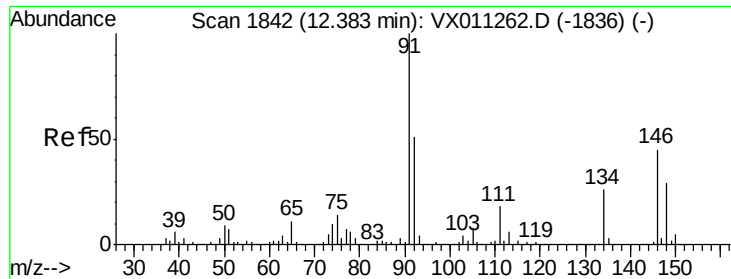


#88  
 1,4-Dichlorobenzene  
 Concen: 48.344 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion:146 Resp: 204108  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 17.8 53.4  
 148 64.4 31.8 95.3



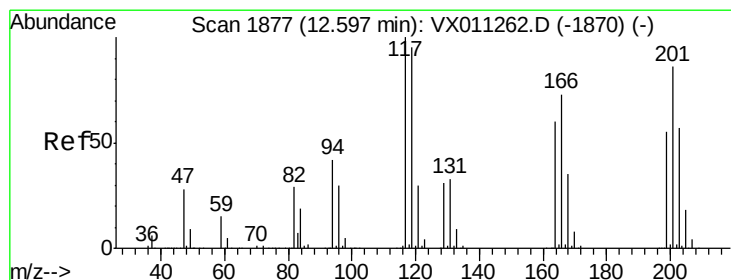
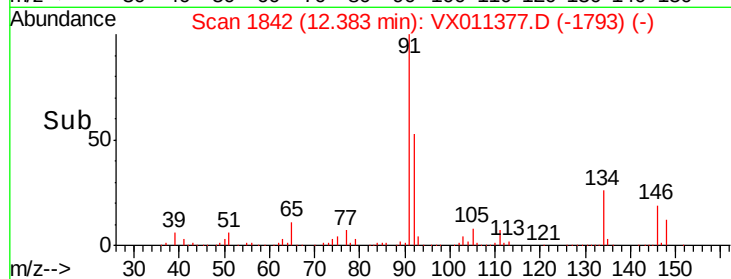
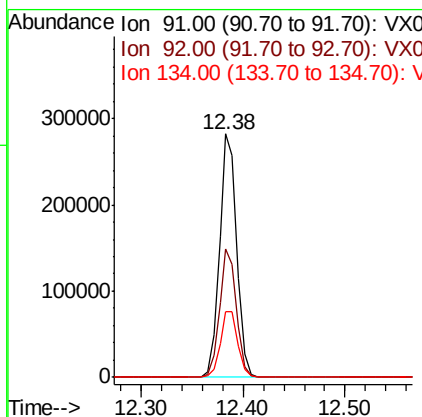
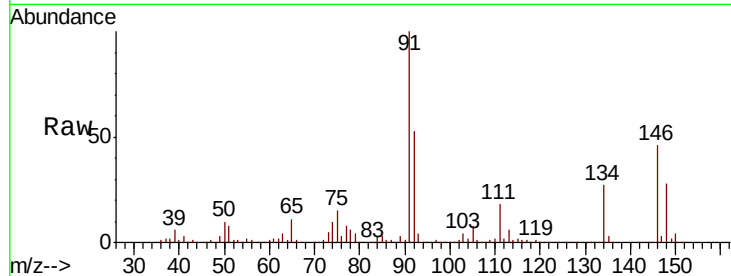




#89  
n-Butylbenzene  
Concen: 50.936 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

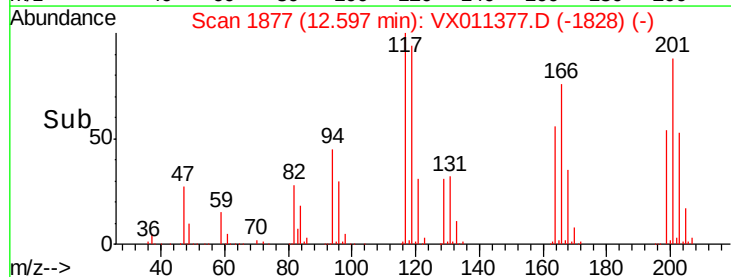
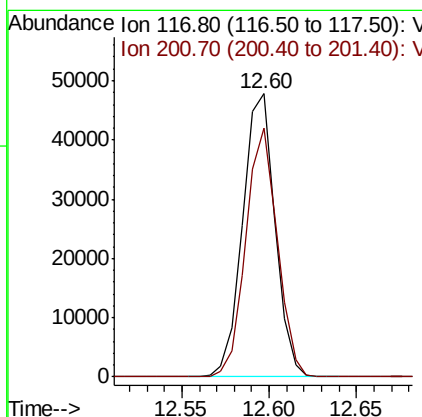
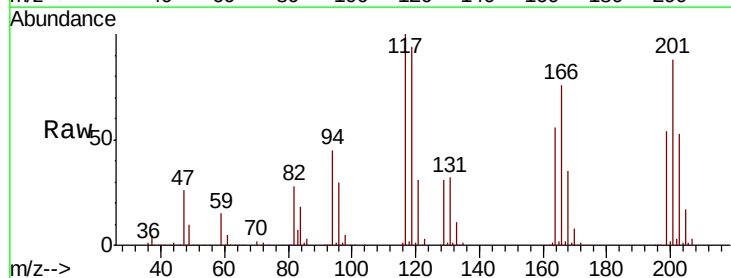
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

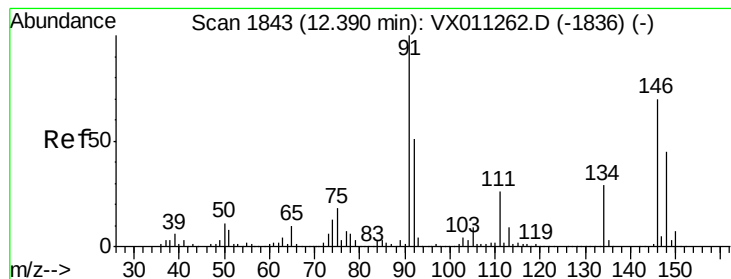
Tgt Ion: 91 Resp: 332784  
Ion Ratio Lower Upper  
91 100  
92 51.8 25.8 77.3  
134 27.3 13.7 41.0



#90  
Hexachloroethane  
Concen: 54.820 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion: 117 Resp: 61462  
Ion Ratio Lower Upper  
117 100  
201 85.5 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 49.694 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

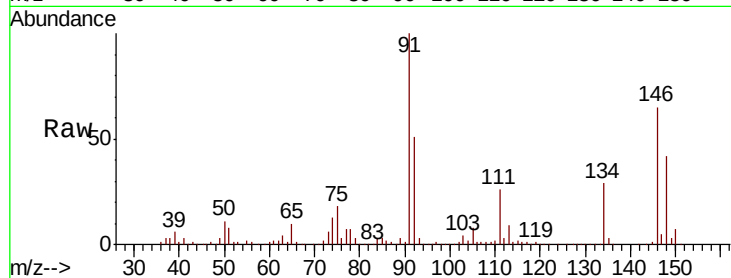
Tgt Ion:146 Resp: 204437

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.1

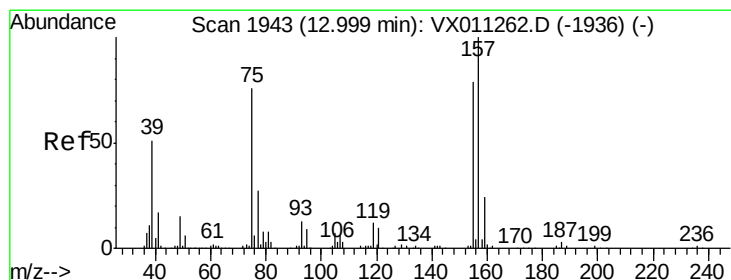
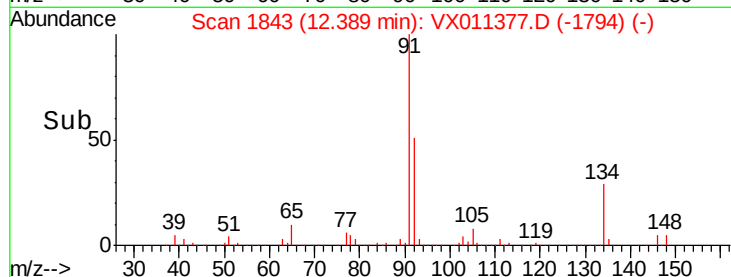
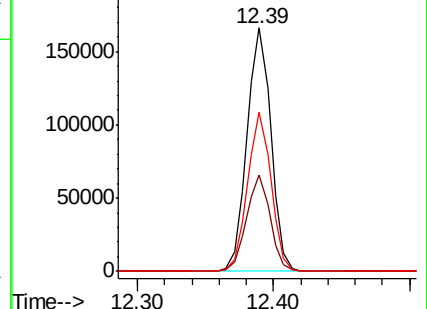
148 64.0 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.486 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011377.D

Acq: 07 Aug 2019 20:48

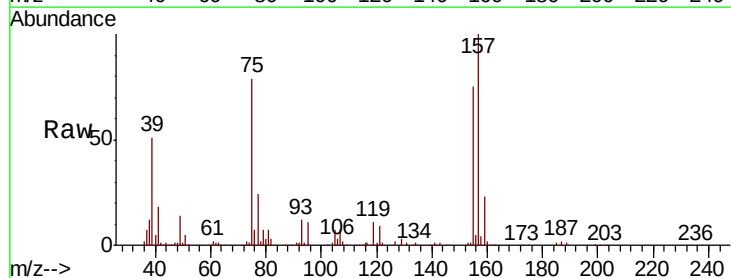
Tgt Ion: 75 Resp: 31016

Ion Ratio Lower Upper

75 100

155 95.3 51.9 155.8

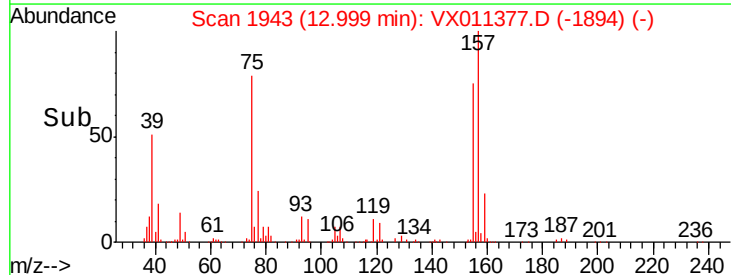
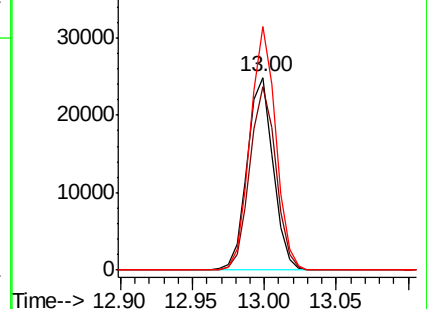
157 124.3 64.3 192.7

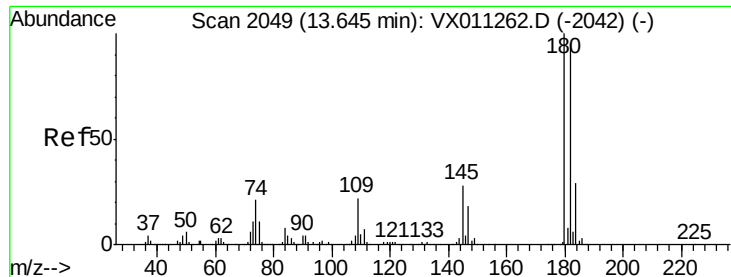


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

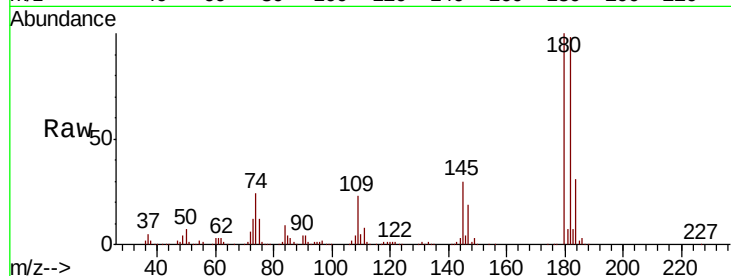




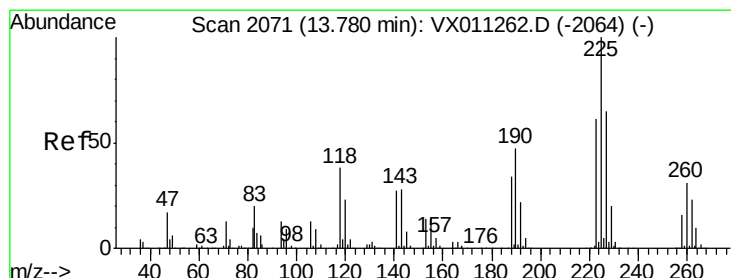
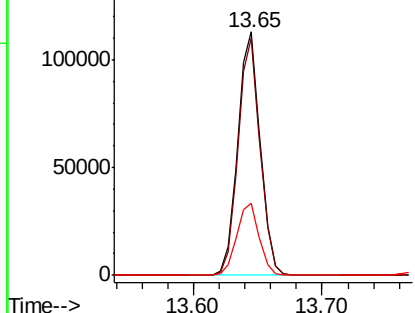
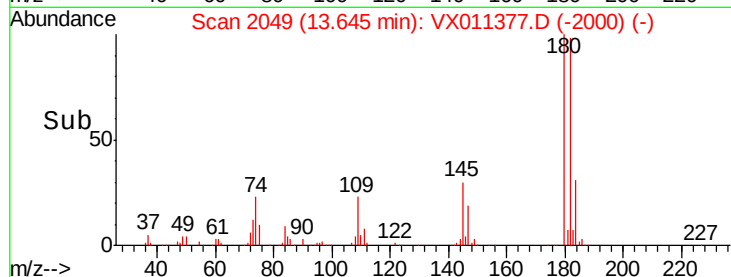
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.842 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:180 Resp: 135984  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 47.8 143.4  
 145 29.8 14.8 44.3

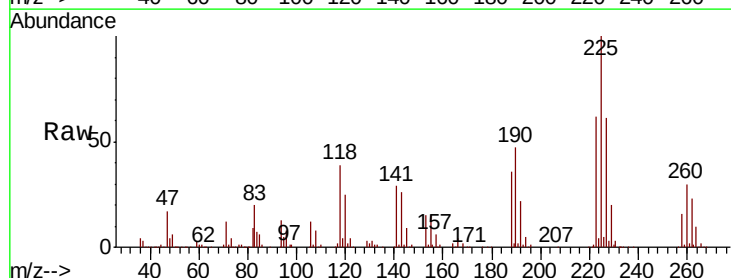


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

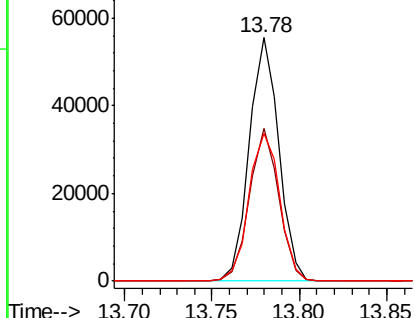
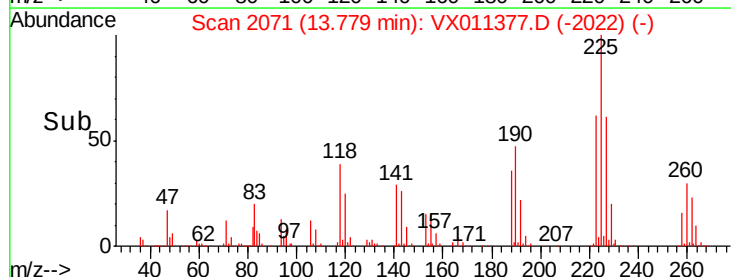


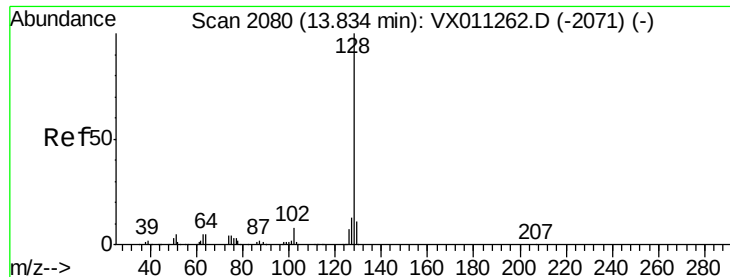
#94  
 Hexachlorobutadiene  
 Concen: 47.127 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX011377.D  
 Acq: 07 Aug 2019 20:48

Tgt Ion:225 Resp: 65234  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 31.0 93.0  
 227 63.3 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

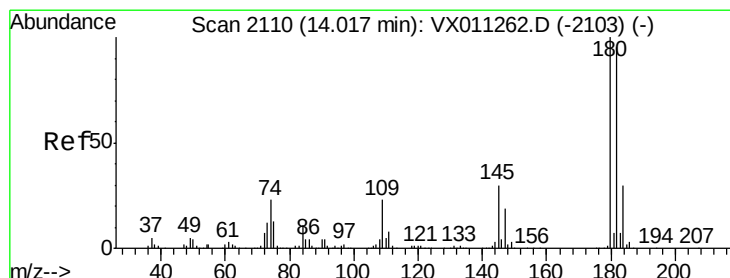
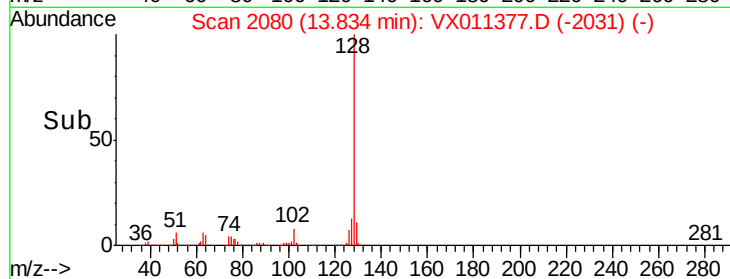
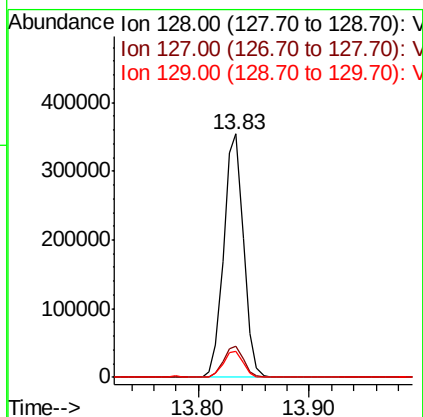
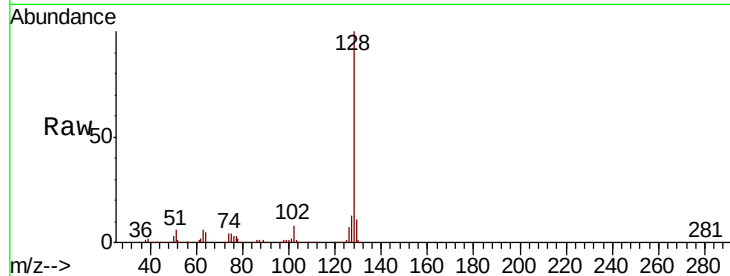




#95  
Naphthalene  
Concen: 54.568 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 435375  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 11.0 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 49.990 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX011377.D  
Acq: 07 Aug 2019 20:48

Tgt Ion:180 Resp: 138654  
Ion Ratio Lower Upper  
180 100  
182 96.4 47.4 142.3  
145 31.2 15.2 45.6

