

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\  
 Data File : VX011267.D  
 Acq On : 01 Aug 2019 18:33  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 02 02:05:45 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      | 5.65  | 168  | 166737   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 242976   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 226779   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 120895   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 72175    | 42.98 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.96% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 70698    | 44.57 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.14% |          |
| 50) Toluene-d8              | 8.71  | 98   | 265301   | 44.31 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.62% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 96590    | 45.18 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.36% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85   | 58341    | 45.304  | ug/l  | 99     |
| 3) Chloromethane              | 1.32 | 50   | 64454    | 44.570  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.40 | 62   | 71818    | 45.148  | ug/l  | 99     |
| 5) Bromomethane               | 1.63 | 94   | 52565    | 46.333  | ug/l  | 99     |
| 6) Chloroethane               | 1.71 | 64   | 48591    | 49.304  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 130559   | 46.160  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.18 | 74   | 46105    | 45.651  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 69384    | 45.337  | ug/l  | 100    |
| 10) Methyl Iodide             | 2.50 | 142  | 83516    | 43.285  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.04 | 59   | 80482    | 240.367 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 68180    | 44.943  | ug/l  | 99     |
| 13) Acrolein                  | 2.28 | 56   | 47703    | 229.214 | ug/l  | 99     |
| 14) Allyl chloride            | 2.72 | 41   | 97349    | 48.135  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.14 | 53   | 193765   | 242.503 | ug/l  | 100    |
| 16) Acetone                   | 2.43 | 43   | 164706   | 206.080 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.56 | 76   | 166461   | 46.759  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.76 | 43   | 84672    | 46.358  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73   | 211228   | 47.248  | ug/l  | 97     |
| 20) Methylene Chloride        | 2.85 | 84   | 77562    | 44.312  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 72921    | 45.441  | ug/l  | 94     |
| 22) Diisopropyl ether         | 3.85 | 45   | 208389   | 46.882  | ug/l  | 98     |
| 23) Vinyl Acetate             | 3.81 | 43   | 916411   | 248.575 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 121038   | 46.180  | ug/l  | 99     |
| 25) 2-Butanone                | 4.67 | 43   | 263966   | 232.178 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.57 | 77   | 94373    | 46.319  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 86230    | 46.651  | ug/l  | 97     |
| 28) Bromochloromethane        | 5.01 | 49   | 56770    | 47.511  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 5.12 | 42   | 168361   | 241.518 | ug/l  | 100    |
| 30) Chloroform                | 5.20 | 83   | 131893   | 46.300  | ug/l  | 98     |
| 31) Cyclohexane               | 5.57 | 56   | 98915    | 45.744  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 113916   | 46.681  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 94763    | 44.670  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.82 | 43   | 100786   | 47.363  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 101905   | 47.747  | ug/l  | 96     |

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 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 02 02:05:45 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   | 112165   | 44.606  | ug/l   | 96       |
| 40) Benzene                    | 6.13  | 78   | 296531   | 46.842  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.04  | 41   | 52949    | 45.562  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 99353    | 46.413  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 158841   | 46.690  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 86708    | 45.251  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 74696    | 45.561  | ug/l   | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 54104    | 45.206  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 98095    | 48.410  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 76968    | 48.073  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 42877    | 923.752 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 536058   | 244.155 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 194965   | 46.581  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 104142   | 44.464  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 117585   | 49.676  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 81527    | 47.375  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 120064   | 48.958  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 124452   | 45.728  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 290064   | 240.556 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 421235   | 247.697 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 87254    | 49.524  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 88290    | 47.487  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 85985    | 44.647  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 223668   | 45.999  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 80398    | 48.296  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 382443   | 46.964  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 300343   | 95.352  | ug/l   | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 145773   | 47.102  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 251545   | 49.122  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 64281    | 43.573  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 390185   | 47.190  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 150440   | 50.355  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 129176   | 46.881  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 139450   | 63.339  | ug/l   | 85       |
| 77) Bromobenzene               | 11.26 | 156  | 107177   | 46.746  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 438333   | 47.671  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 255333   | 46.590  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 329679   | 47.631  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 37262    | 45.629  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 299769   | 46.934  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 324589   | 47.815  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 335845   | 48.735  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 384326   | 47.122  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 361042   | 48.118  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 192934   | 47.625  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 189699   | 45.411  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 308760   | 47.764  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 54441    | 49.077  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 188627   | 46.340  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 26710    | 50.034  | ug/l   | 98       |

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Acq On : 01 Aug 2019 18:33  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 11 Sample Multiplier: 1

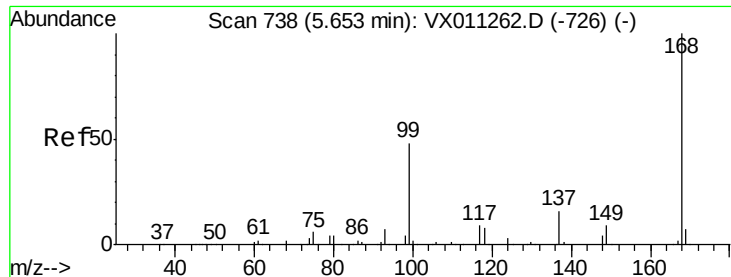
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Aug 02 02:05:45 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  | 127888   | 47.375 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 64558    | 47.137 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 398348   | 50.461 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 128144   | 46.694 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

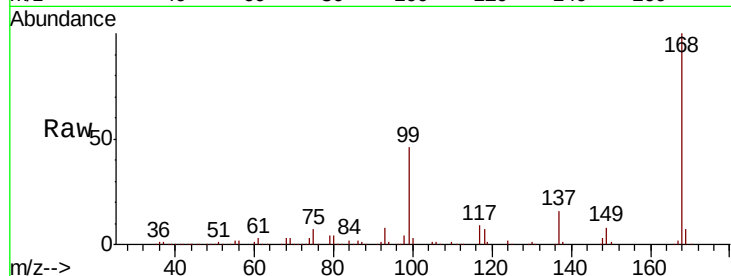
VSTDCCC050

Tot Ion:168 Resp: 166737

Ion Ratio Lower Upper

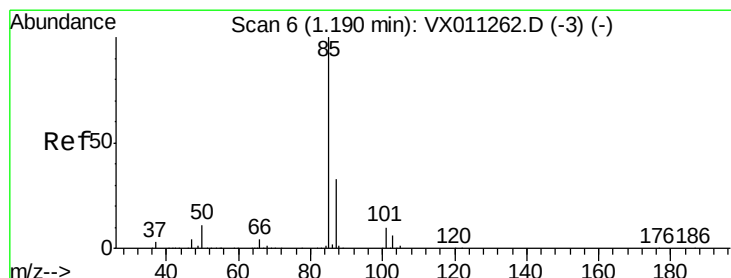
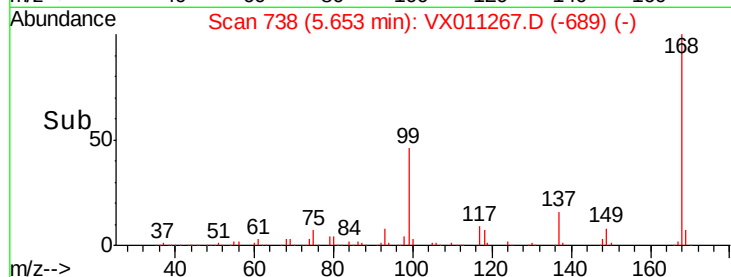
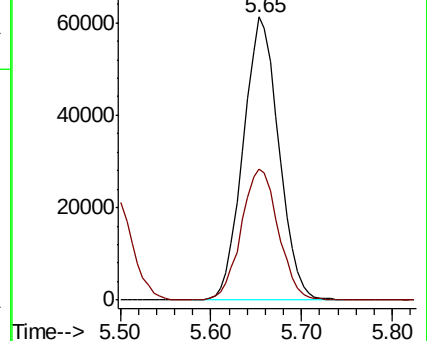
168 100

99 46.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.304 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011267.D

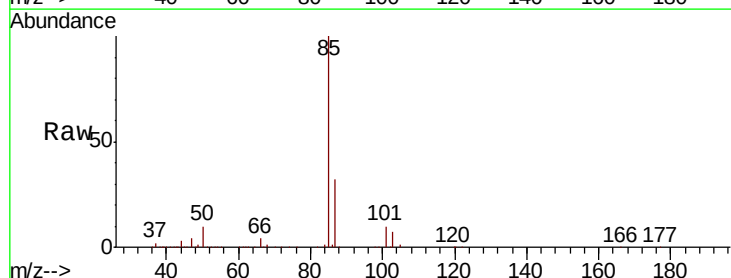
Acq: 01 Aug 2019 18:33

Tgt Ion: 85 Resp: 58341

Ion Ratio Lower Upper

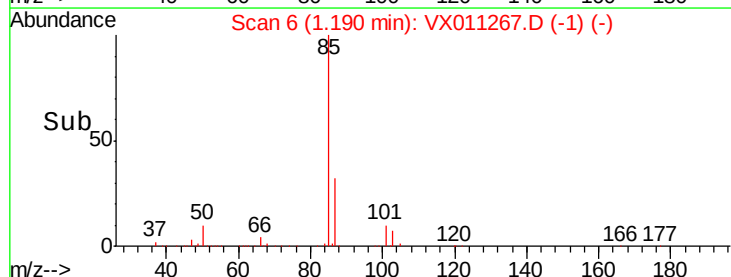
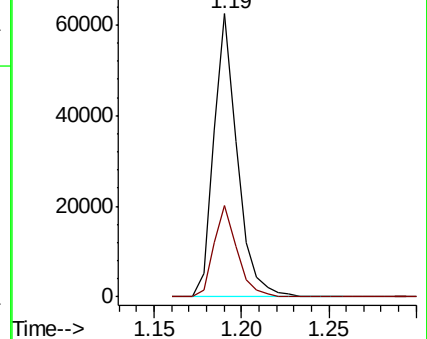
85 100

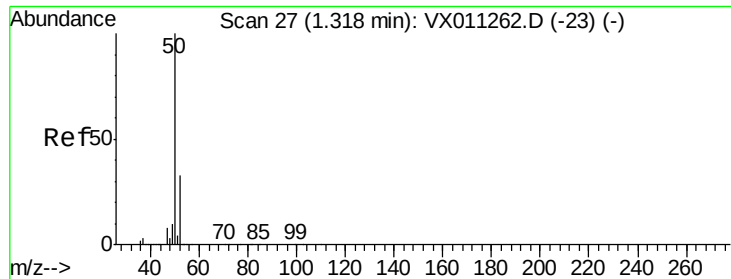
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.570 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

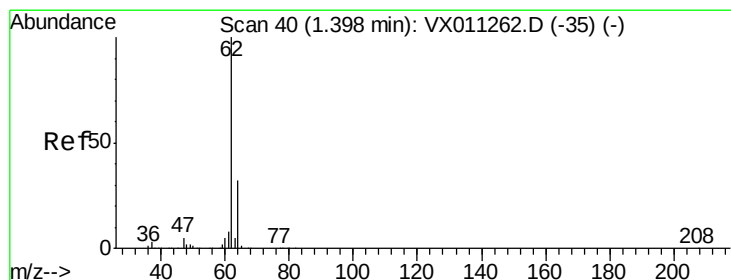
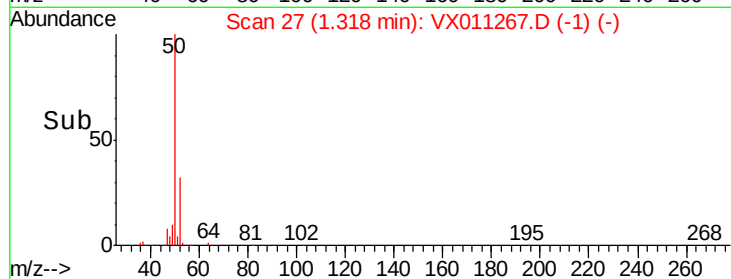
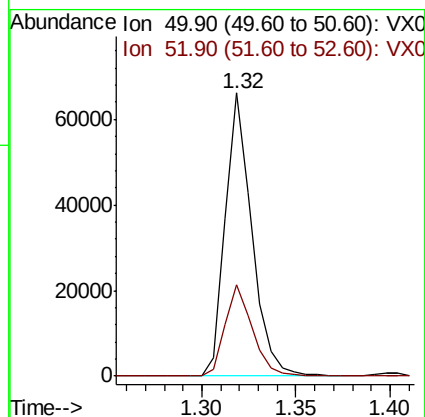
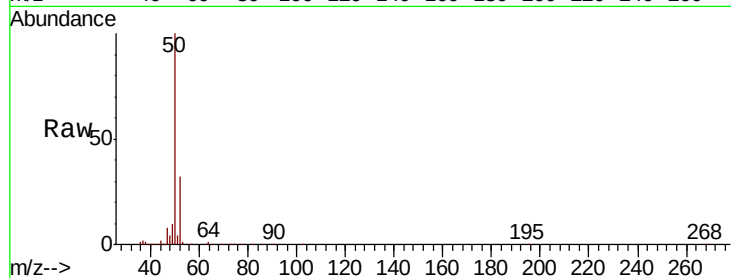
VSTDCCC050

Tot Ion: 50 Resp: 64454

Ion Ratio Lower Upper

50 100

52 32.0 26.4 39.6



#4

Vinyl Chloride

Concen: 45.148 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011267.D

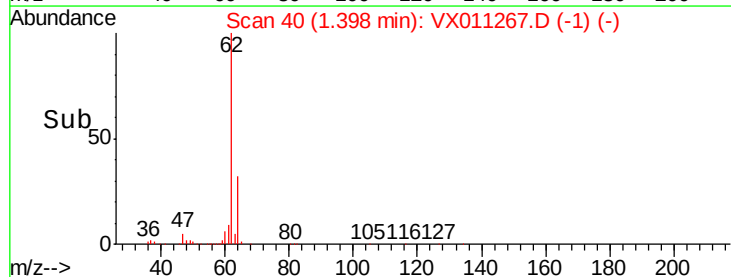
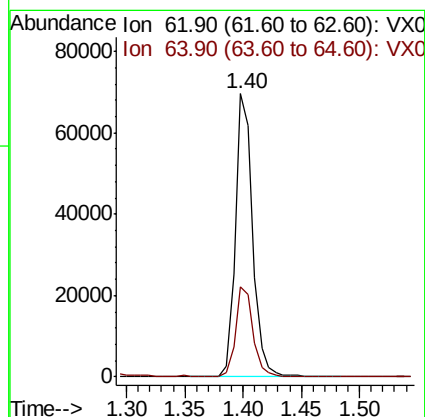
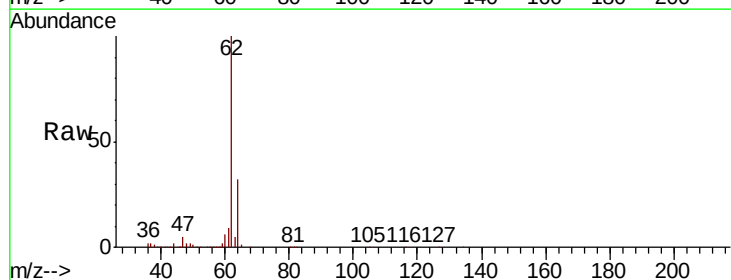
Acq: 01 Aug 2019 18:33

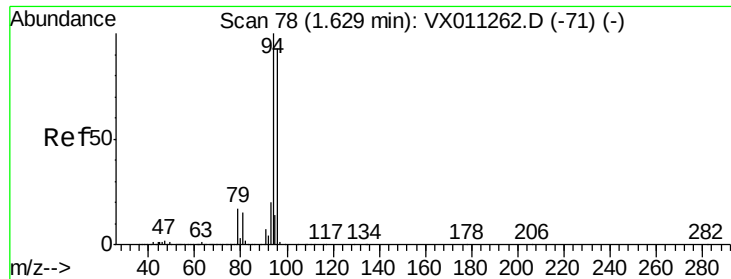
Tgt Ion: 62 Resp: 71818

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 46.333 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

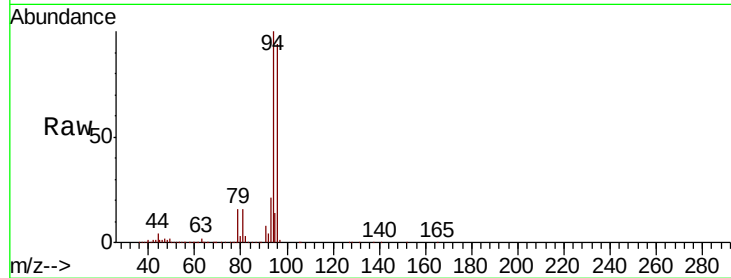
VSTDCCC050

Tot Ion: 94 Resp: 52565

Ion Ratio Lower Upper

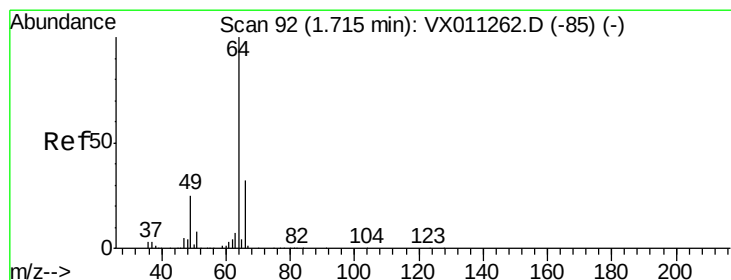
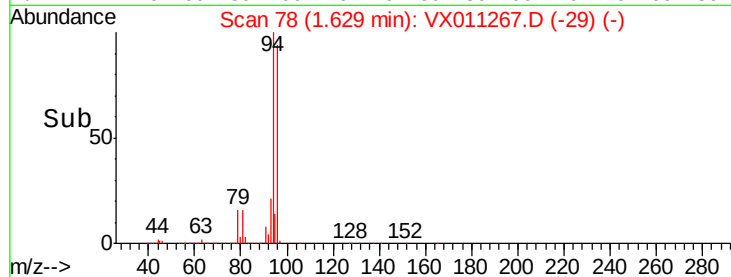
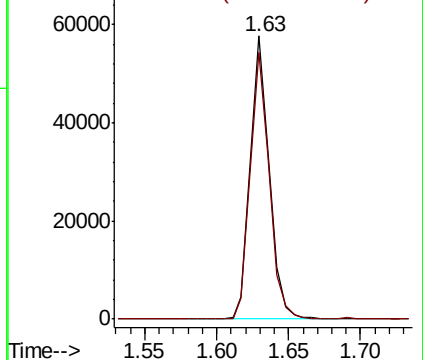
94 100

96 94.3 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: 49.304 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011267.D

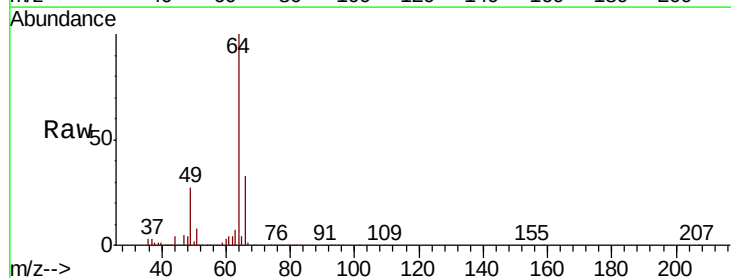
Acq: 01 Aug 2019 18:33

Tgt Ion: 64 Resp: 48591

Ion Ratio Lower Upper

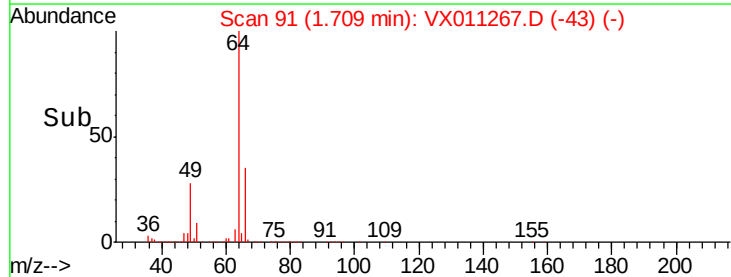
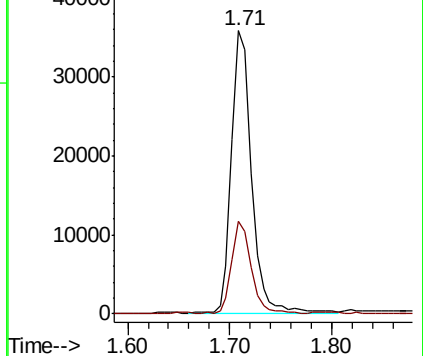
64 100

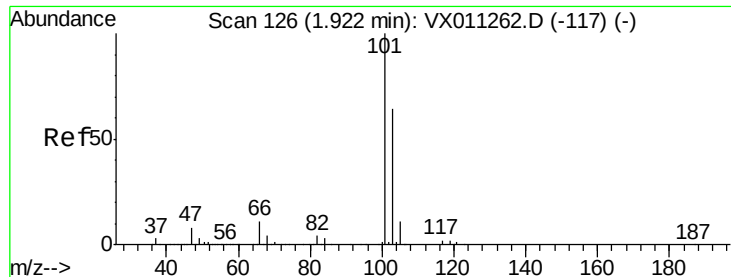
66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



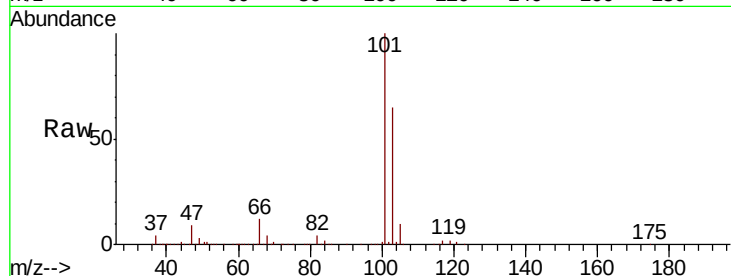


#7

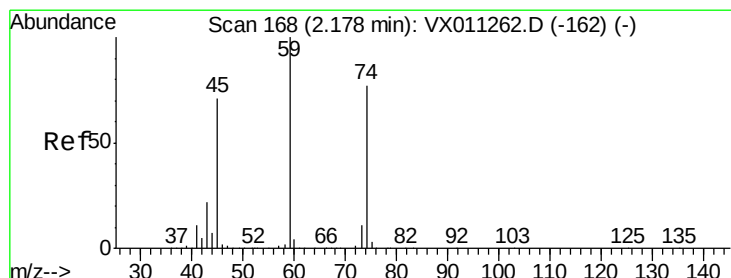
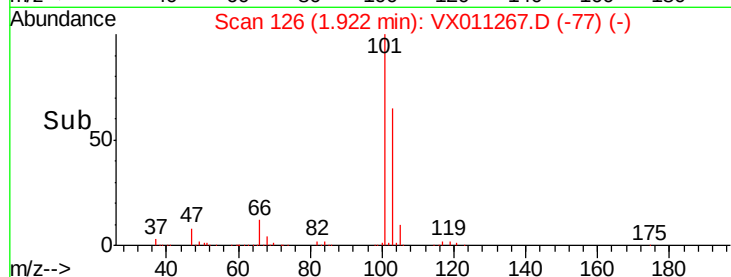
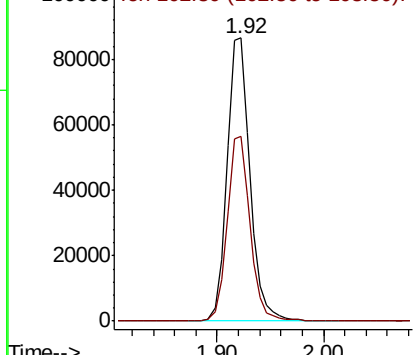
Trichlorofluoromethane  
Concen: 46.160 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 130559  
Ion Ratio Lower Upper  
101 100  
103 65.3 50.9 76.3



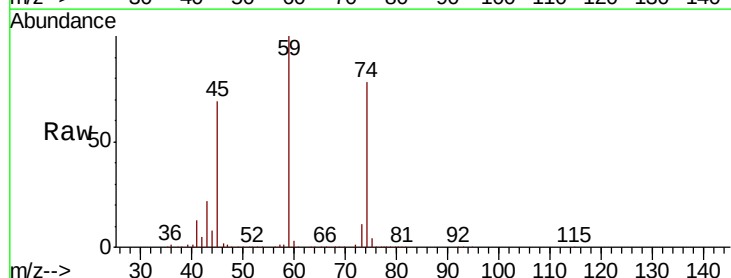
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



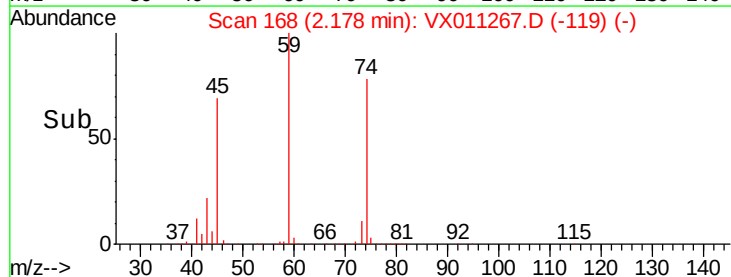
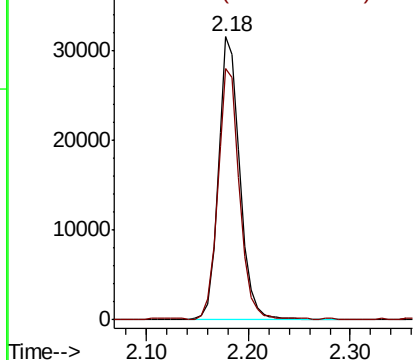
#8

Diethyl Ether  
Concen: 45.651 ug/l  
RT: 2.18 min Scan# 168  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

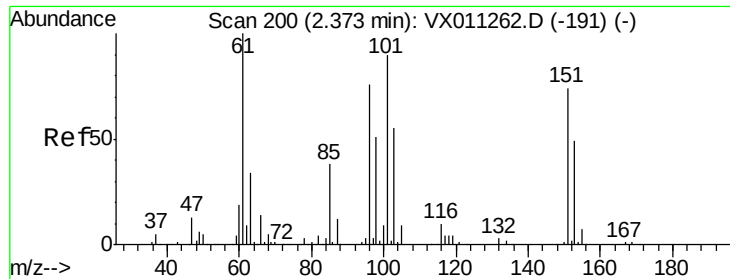
Tgt Ion: 74 Resp: 46105  
Ion Ratio Lower Upper  
74 100  
45 89.2 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0  
Ion 45.00 (44.70 to 45.70): VX0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.337 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

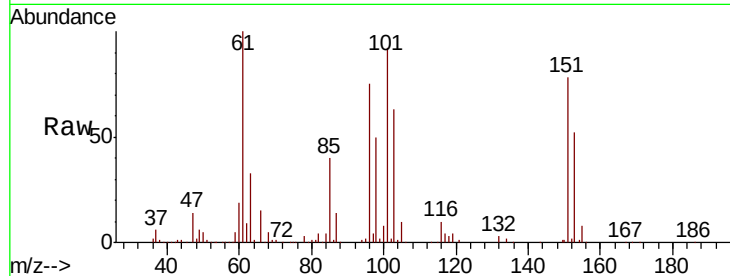
Tot Ion:101 Resp: 69384

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

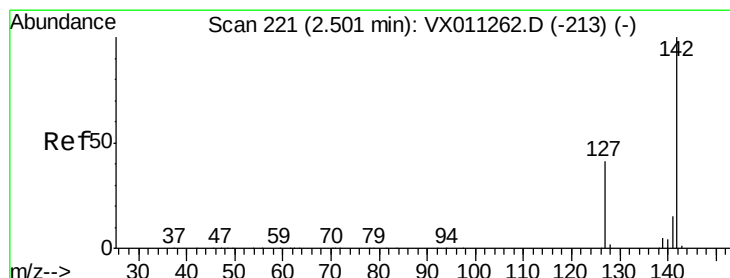
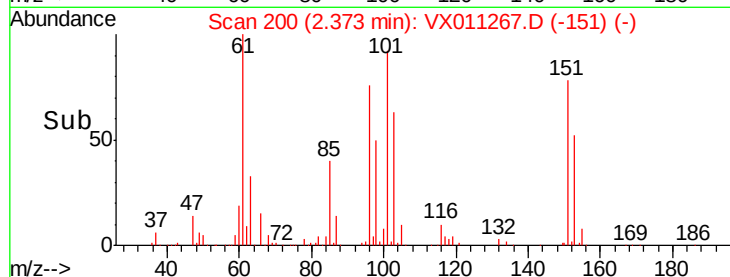
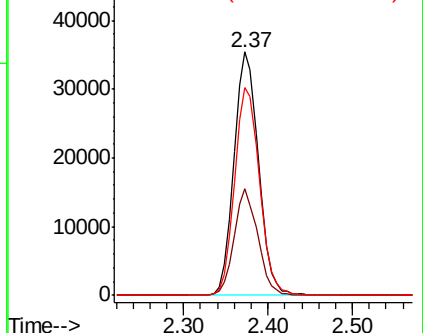
151 86.6 69.5 104.3



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: 43.285 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

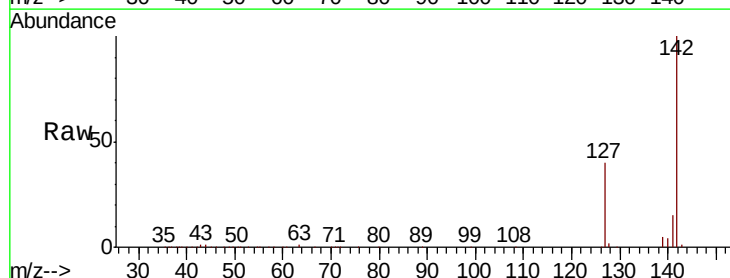
Tgt Ion:142 Resp: 83516

Ion Ratio Lower Upper

142 100

127 41.4 33.8 50.8

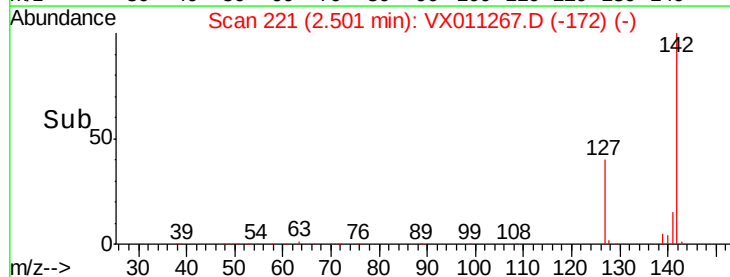
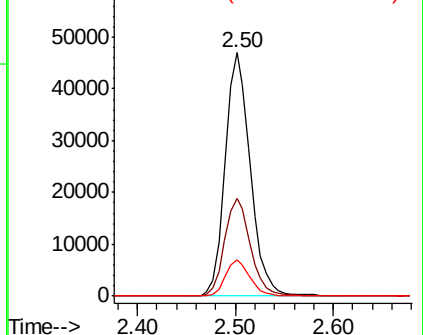
141 14.7 11.4 17.2

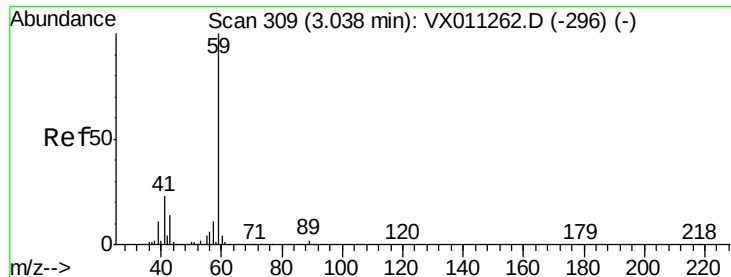


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

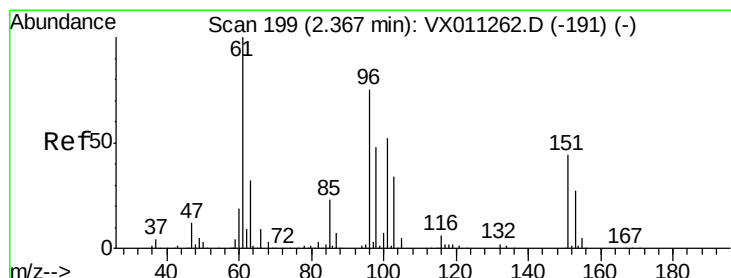
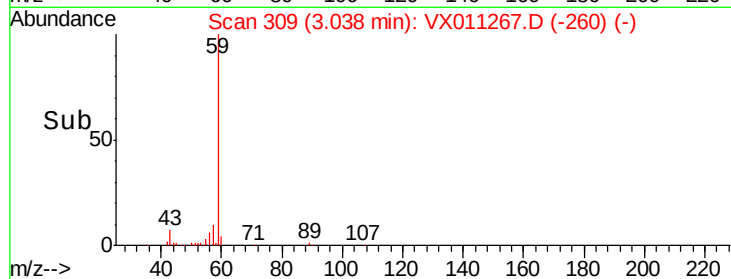
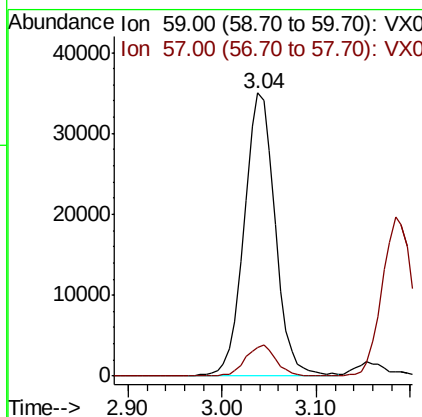
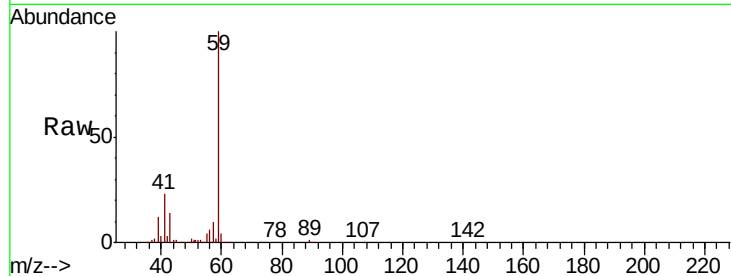




#11  
Tert butyl alcohol  
Concen: 240.367 ug/l  
RT: 3.04 min Scan# 309  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

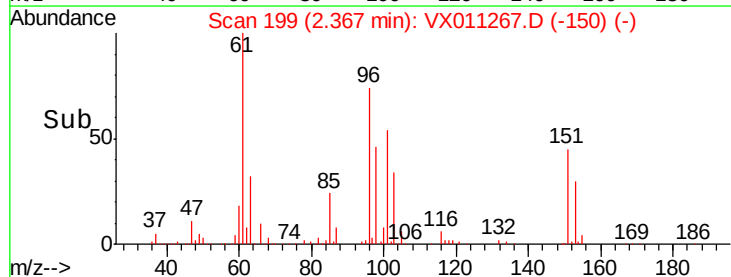
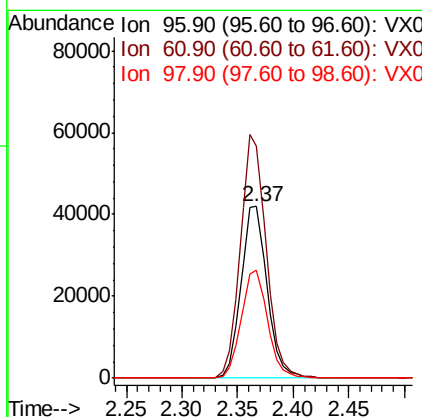
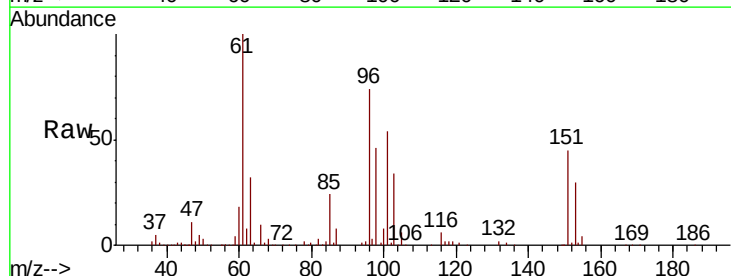
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

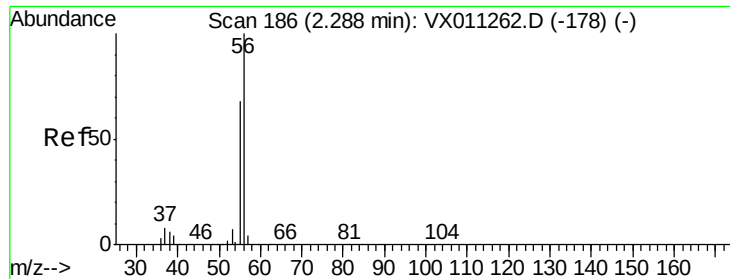
Tot Ion: 59 Resp: 80482  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 44.943 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion: 96 Resp: 68180  
Ion Ratio Lower Upper  
96 100  
61 135.0 106.2 159.2  
98 62.8 50.6 75.8

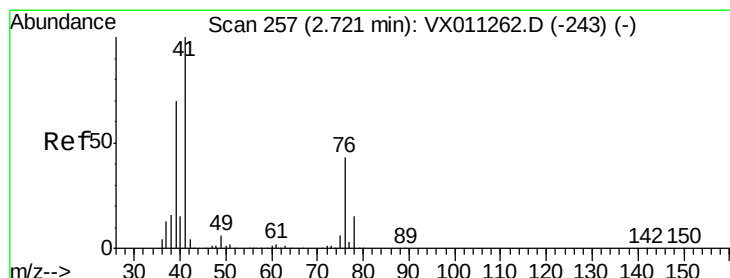
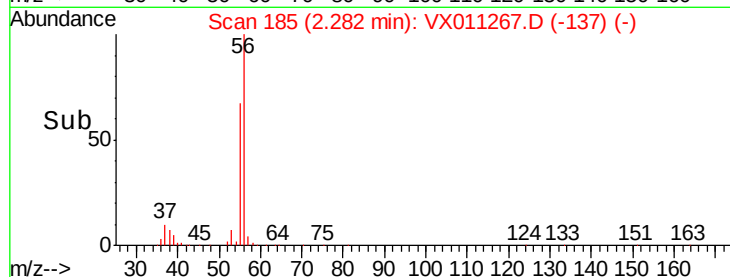
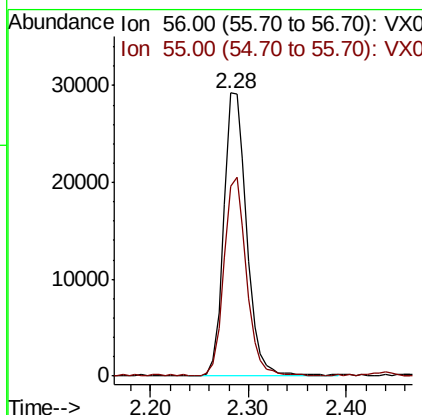
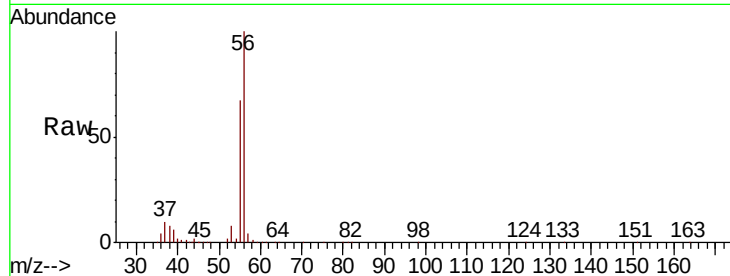




#13  
Acrolein  
Concen: 229.214 ug/l  
RT: 2.28 min Scan# 185  
Delta R.T. -0.01 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

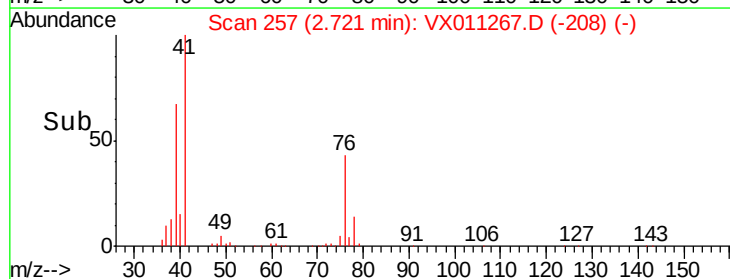
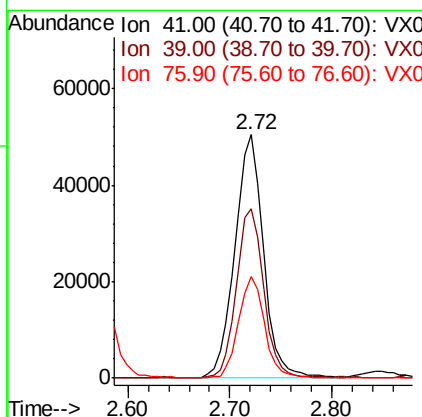
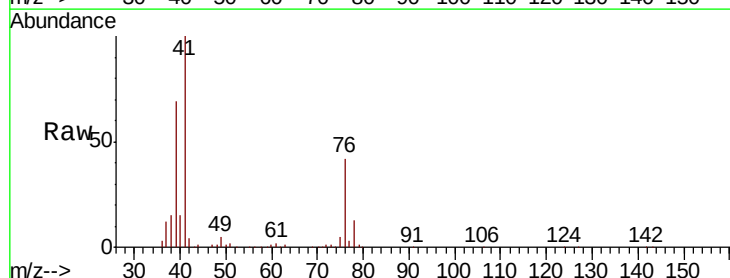
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

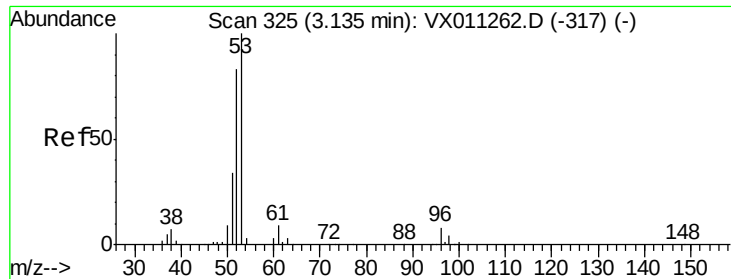
Tot Ion: 56 Resp: 47703  
Ion Ratio Lower Upper  
56 100  
55 69.3 56.0 84.0



#14  
Allyl chloride  
Concen: 48.135 ug/l  
RT: 2.72 min Scan# 257  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion: 41 Resp: 97349  
Ion Ratio Lower Upper  
41 100  
39 66.1 52.8 79.2  
76 38.2 31.1 46.7





#15

Acrylonitrile

Concen: 242.503 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

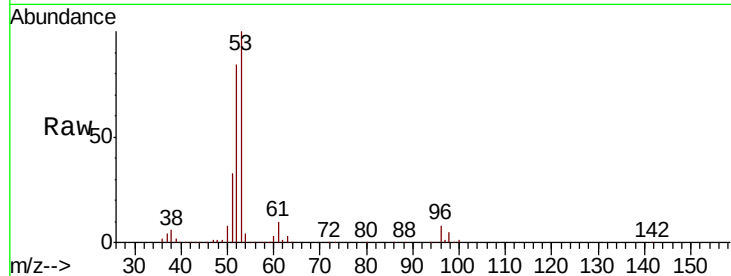
MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 193765

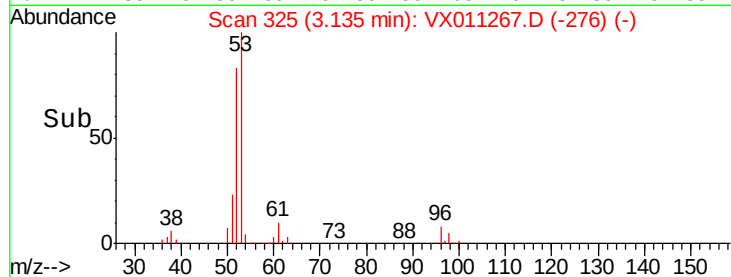
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.1  | 65.5  | 98.3  |
| 51  | 35.1  | 27.9  | 41.9  |



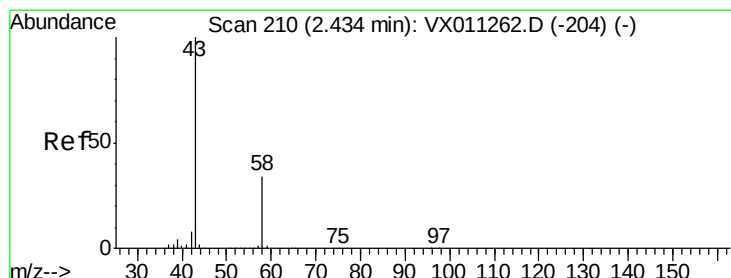
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time--> 3.00 3.10 3.20 3.30



#16

Acetone

Concen: 206.080 ug/l

RT: 2.43 min Scan# 210

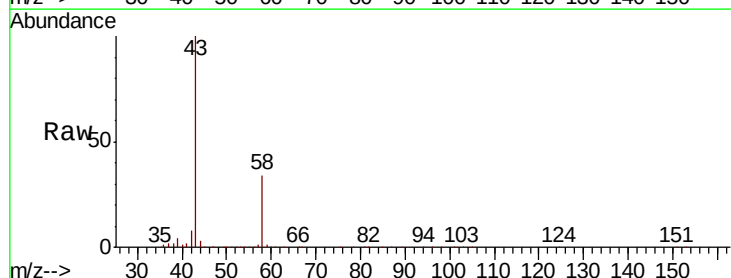
Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

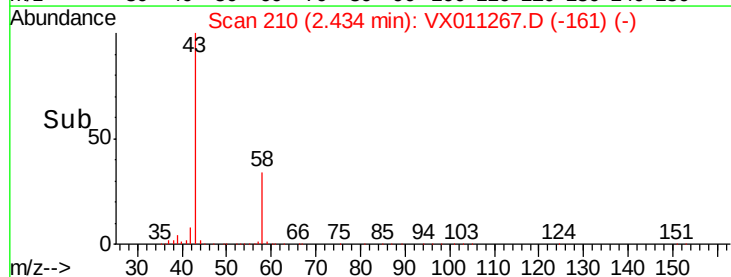
Tgt Ion: 43 Resp: 164706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.2  | 27.4  | 41.0  |

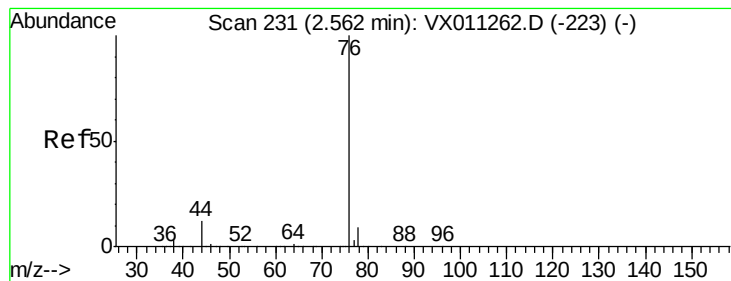


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 2.35 2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: 46.759 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

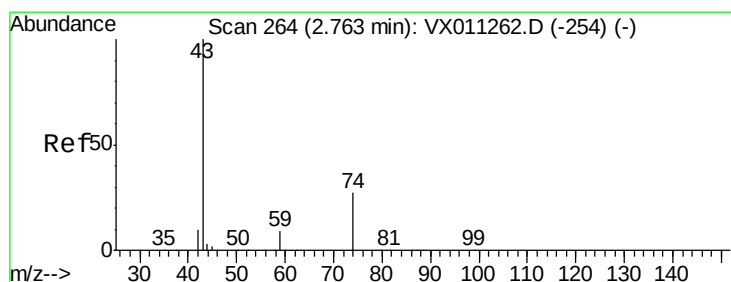
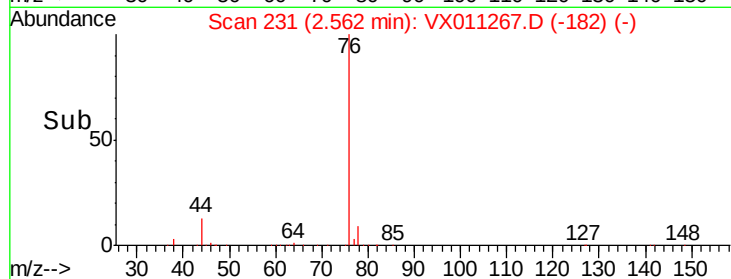
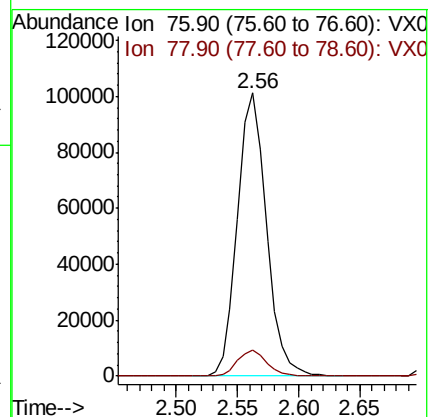
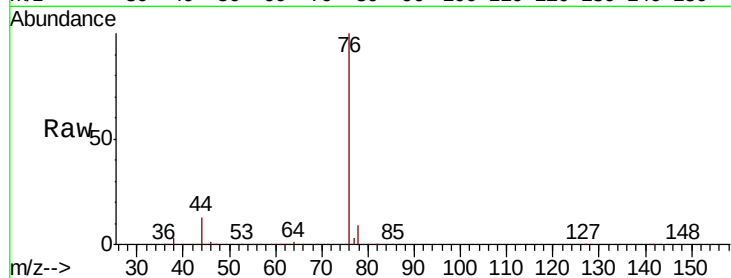
VSTDCCC050

Tot Ion: 76 Resp: 166461

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 46.358 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011267.D

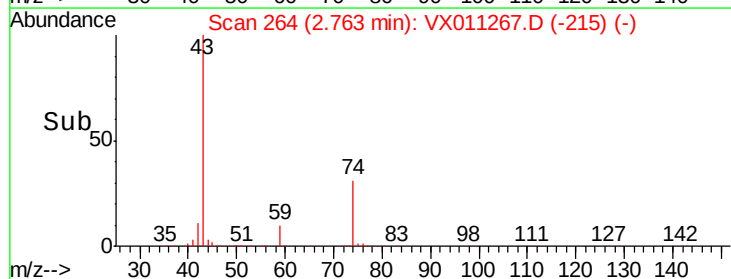
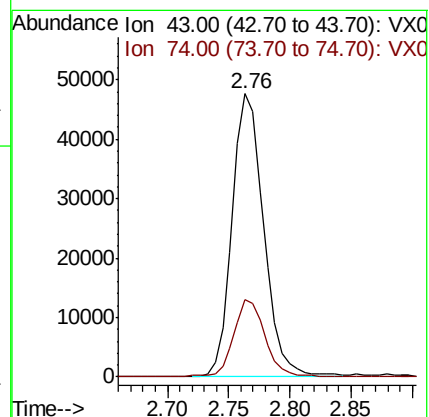
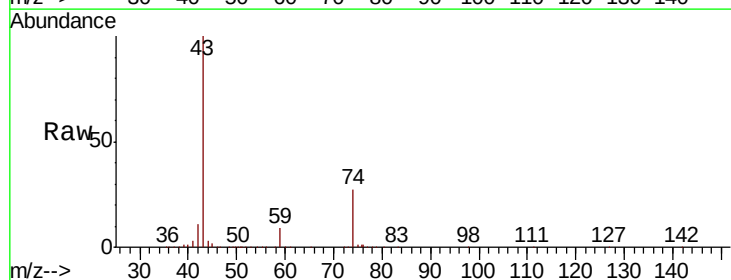
Acq: 01 Aug 2019 18:33

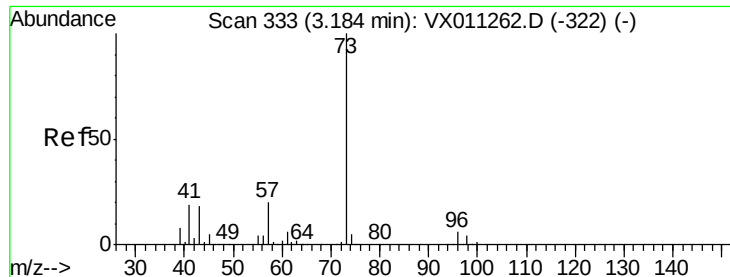
Tgt Ion: 43 Resp: 84672

Ion Ratio Lower Upper

43 100

74 27.3 21.0 31.6

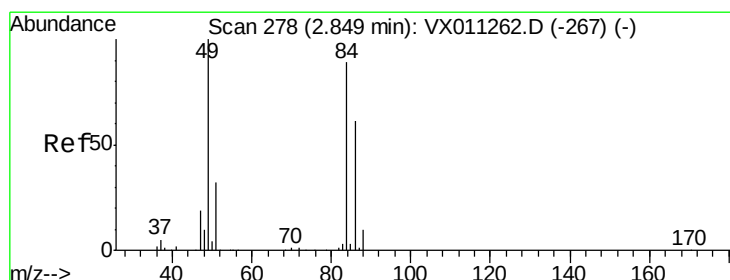
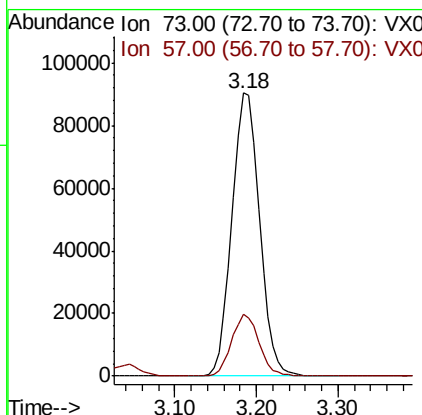
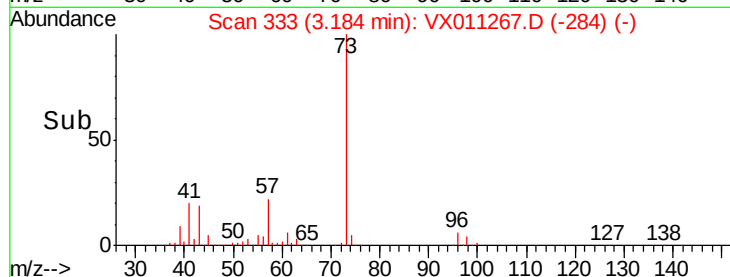
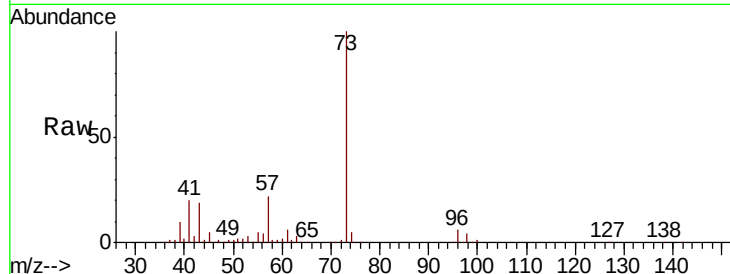




#19  
Methyl tert-butyl Ether  
Concen: 47.248 ug/l  
RT: 3.18 min Scan# 333  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

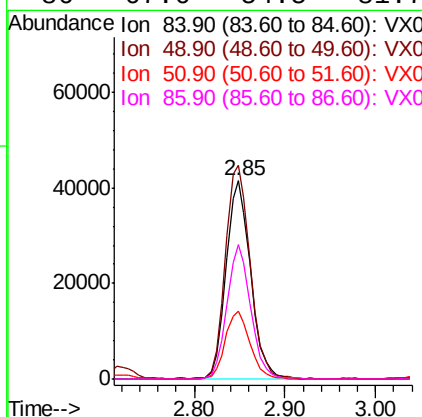
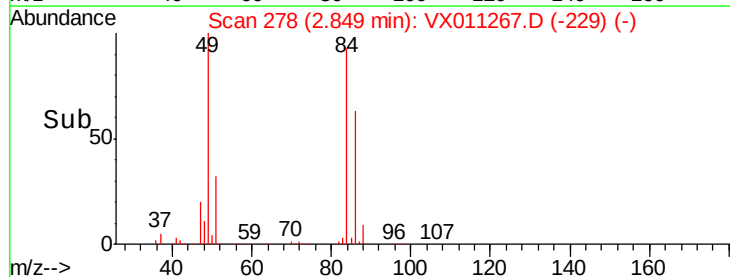
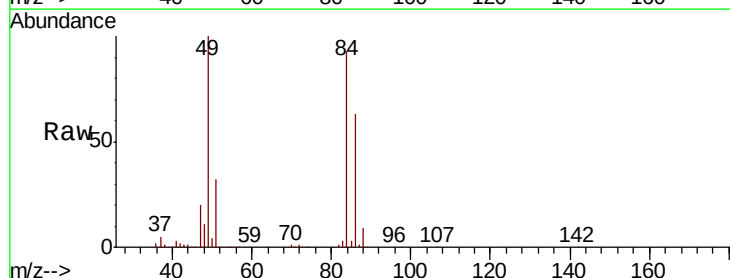
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

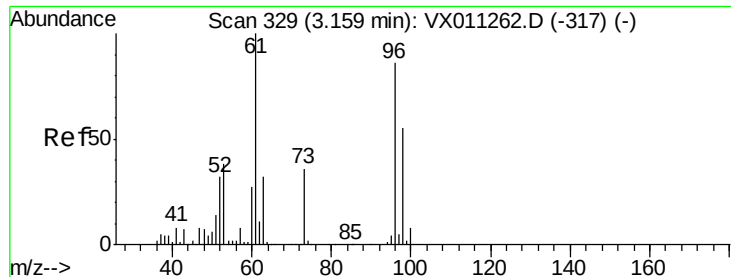
Tot Ion: 73 Resp: 211228  
Ion Ratio Lower Upper  
73 100  
57 21.7 16.2 24.2



#20  
Methylene Chloride  
Concen: 44.312 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion: 84 Resp: 77562  
Ion Ratio Lower Upper  
84 100  
49 107.7 89.3 133.9  
51 34.4 28.3 42.5  
86 67.6 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 45.441 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

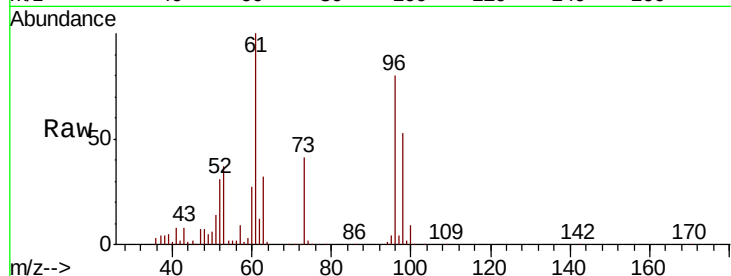
Tot Ion: 96 Resp: 72921

Ion Ratio Lower Upper

96 100

61 124.6 92.8 139.2

98 66.0 51.2 76.8

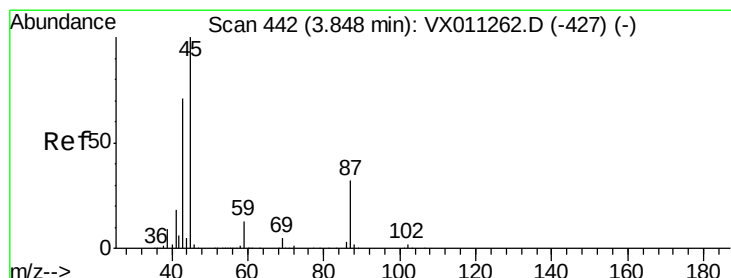
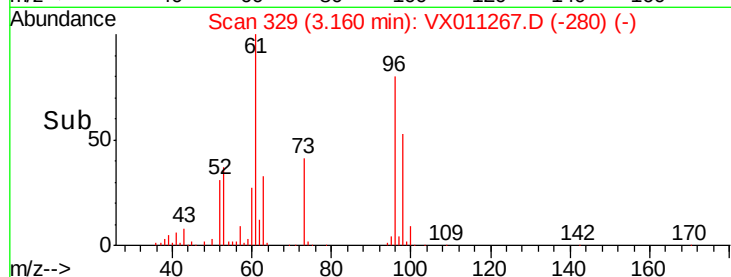
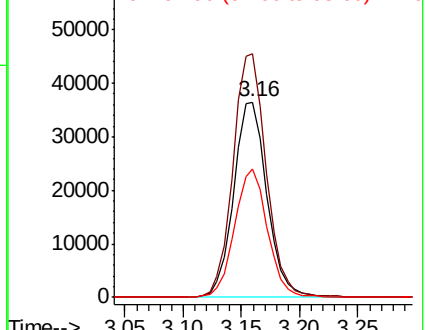


Abundance

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: 46.882 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion: 45 Resp: 208389

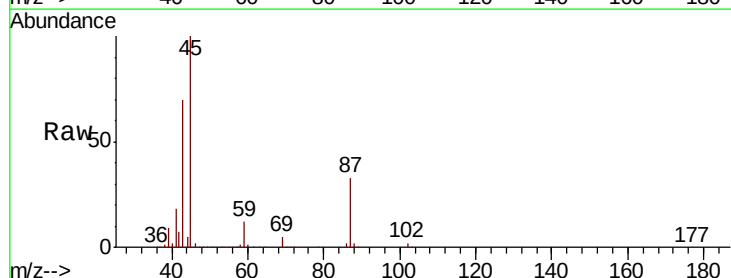
Ion Ratio Lower Upper

45 100

43 69.2 56.8 85.2

87 32.7 25.8 38.6

59 12.0 10.3 15.5



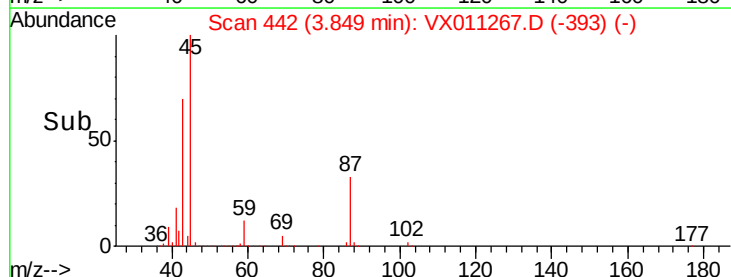
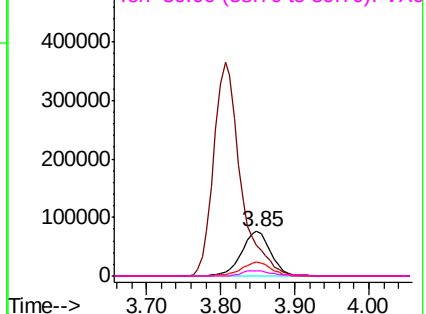
Abundance

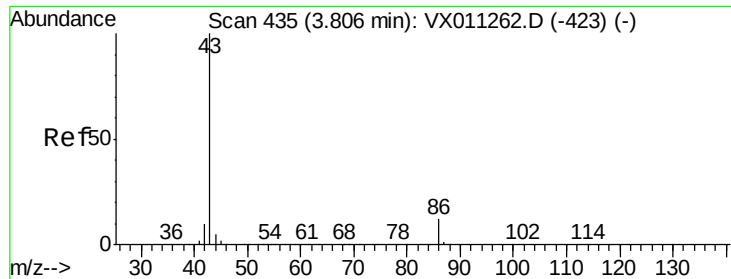
Ion 45.00 (44.70 to 45.70): VX0

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

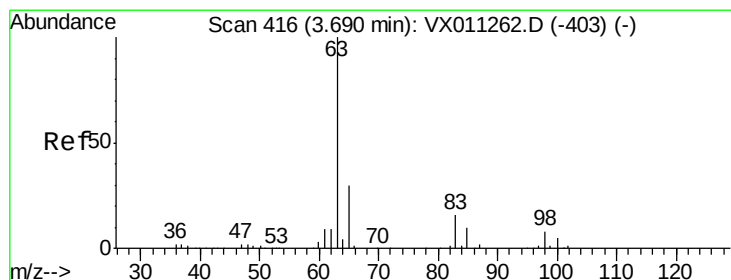
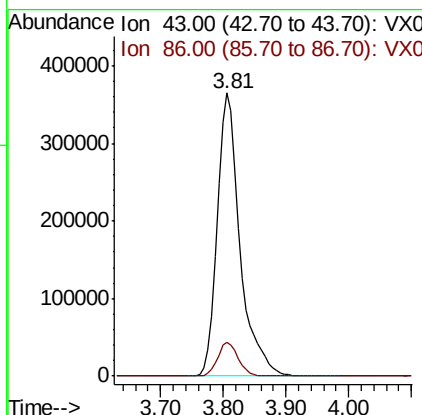
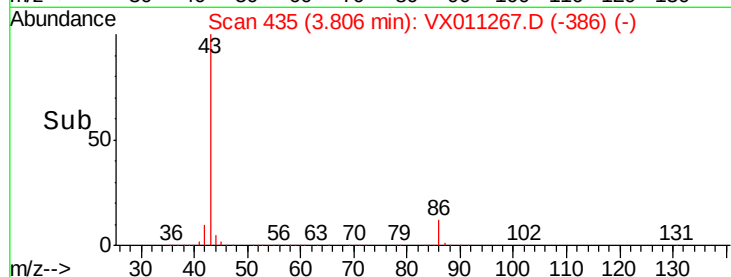
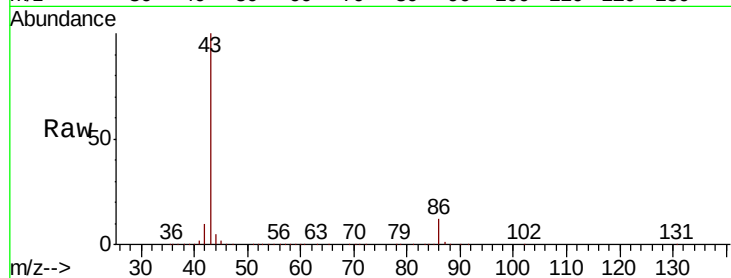




#23  
 Vinyl Acetate  
 Concen: 248.575 ug/l  
 RT: 3.81 min Scan# 435  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

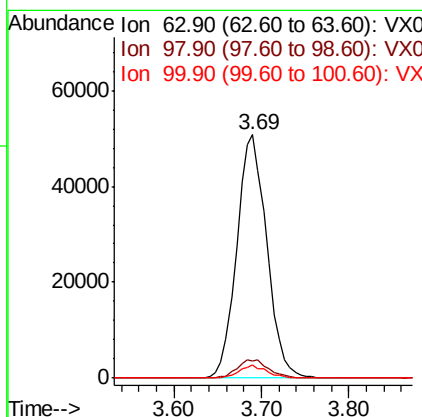
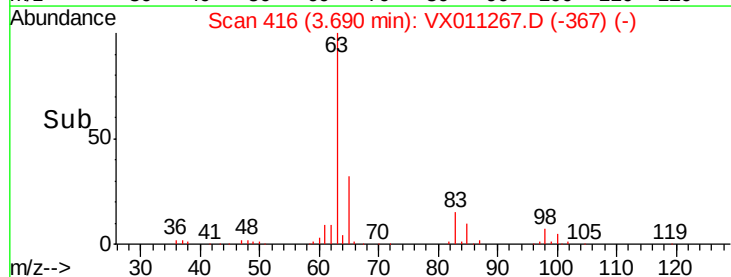
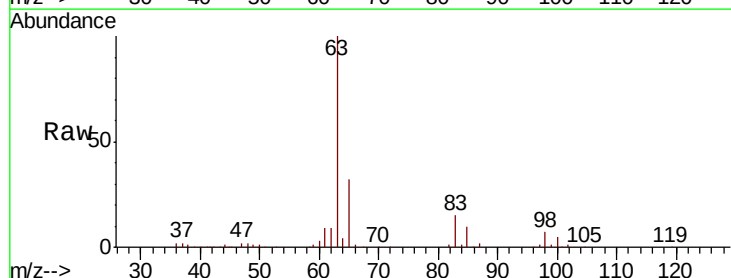
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 916411  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 9.6 14.4

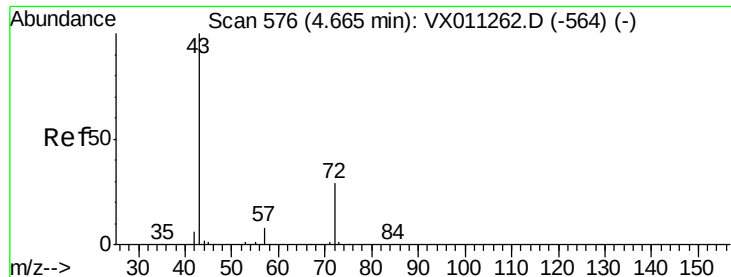


#24  
 1,1-Dichloroethane  
 Concen: 46.180 ug/l  
 RT: 3.69 min Scan# 416  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion: 63 Resp: 121038  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.9 11.5  
 100 5.5 2.7 8.1







#25

2-Butanone

Concen: 232.178 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

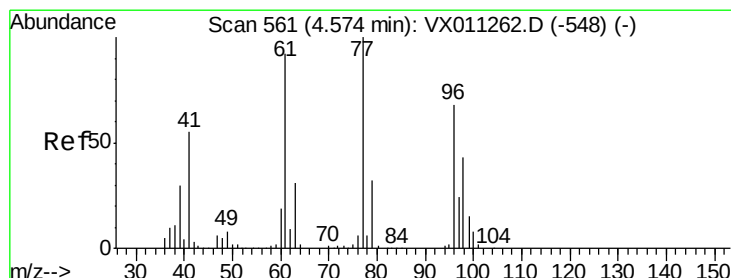
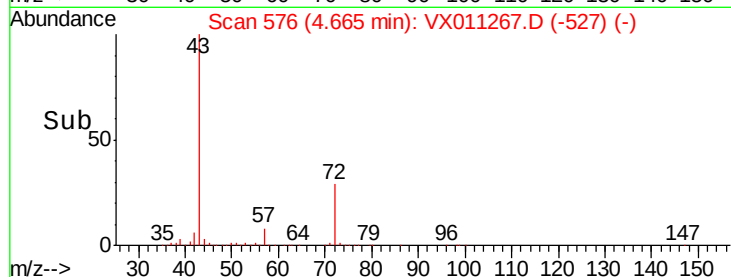
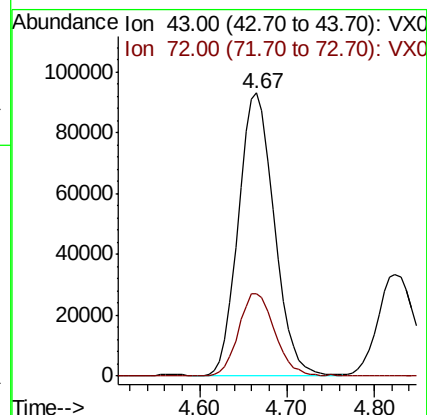
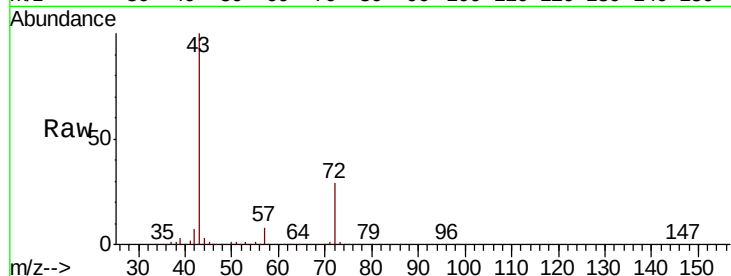
VSTDCCC050

Tot Ion: 43 Resp: 263966

Ion Ratio Lower Upper

43 100

72 29.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 46.319 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011267.D

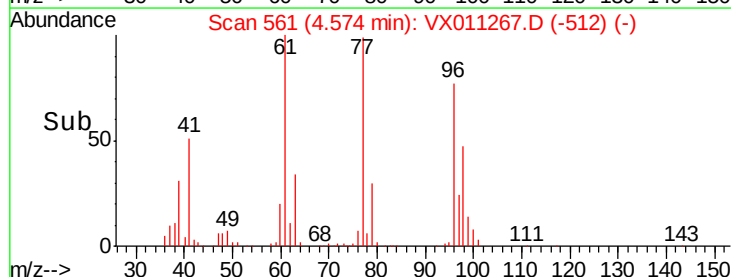
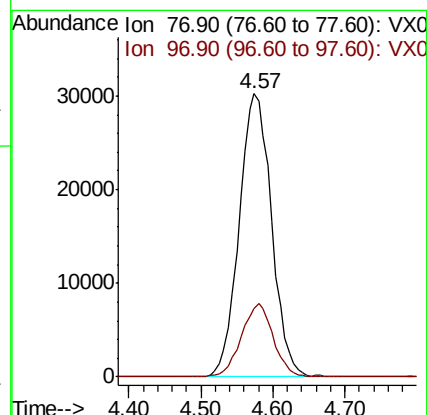
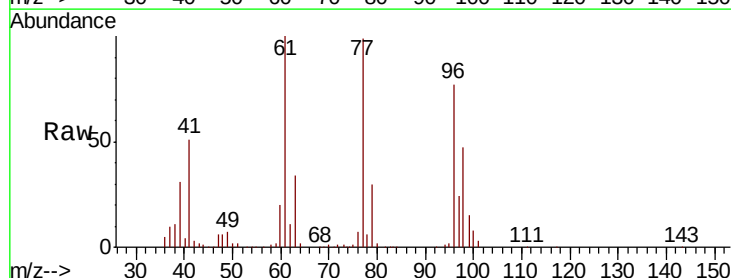
Acq: 01 Aug 2019 18:33

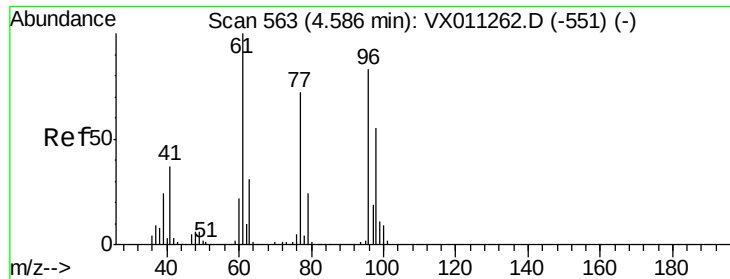
Tgt Ion: 77 Resp: 94373

Ion Ratio Lower Upper

77 100

97 25.5 12.8 38.4





#27

cis-1,2-Dichloroethene

Concen: 46.651 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

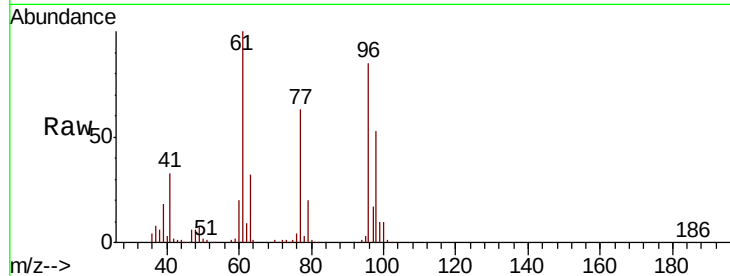
Tot Ion: 96 Resp: 86230

Ion Ratio Lower Upper

96 100

61 126.1 0.0 260.2

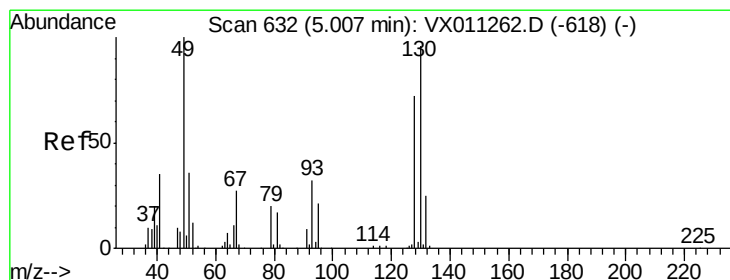
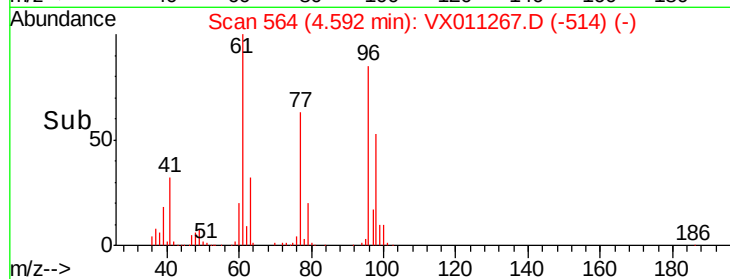
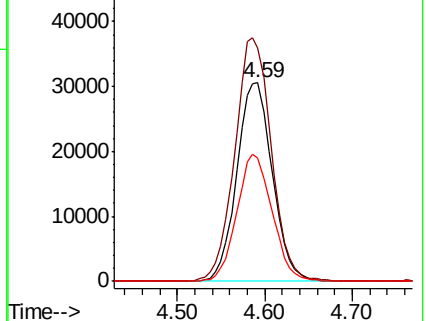
98 63.8 0.0 133.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 47.511 ug/l

RT: 5.01 min Scan# 632

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

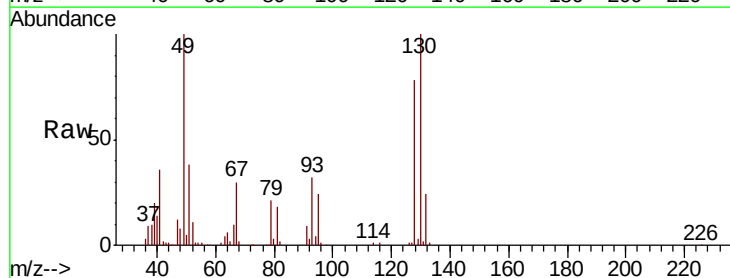
Tgt Ion: 49 Resp: 56770

Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.8

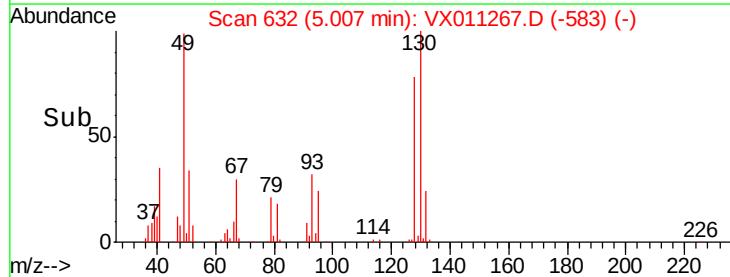
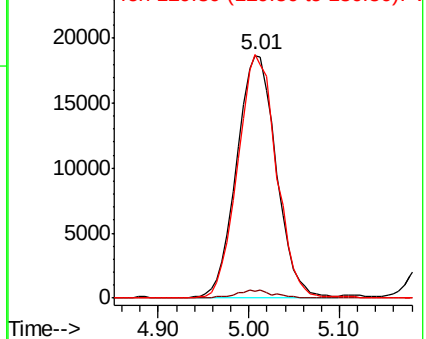
130 97.4 77.9 116.9

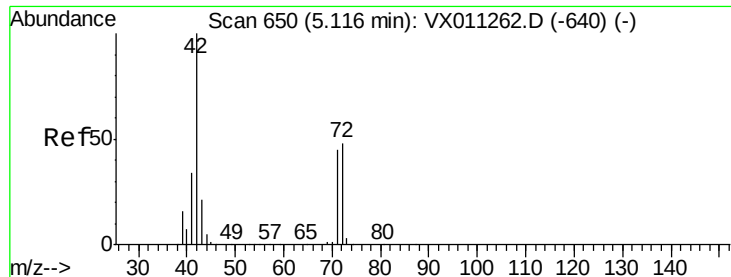


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

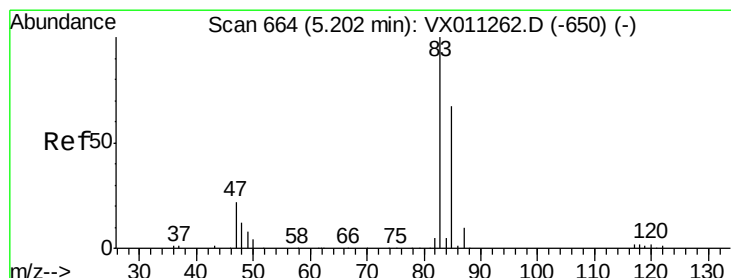
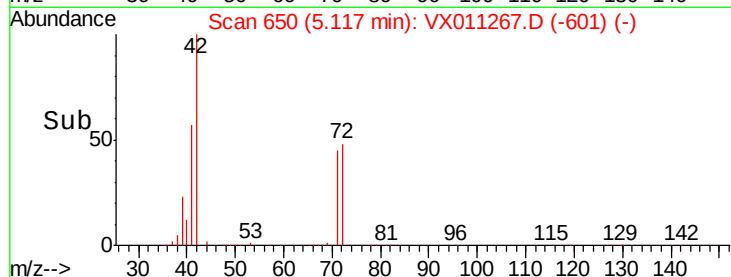
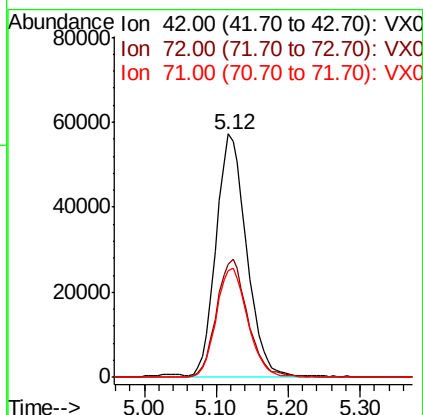
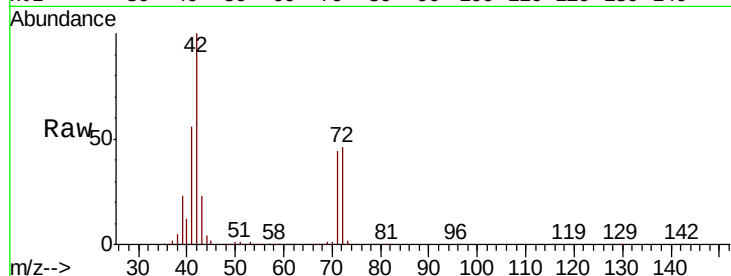




#29  
Tetrahydrofuran  
Concen: 241.518 ug/l  
RT: 5.12 min Scan# 650  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

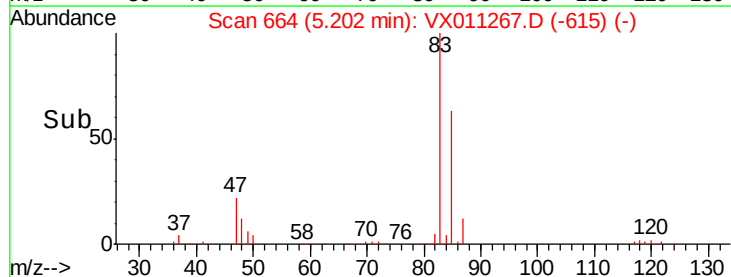
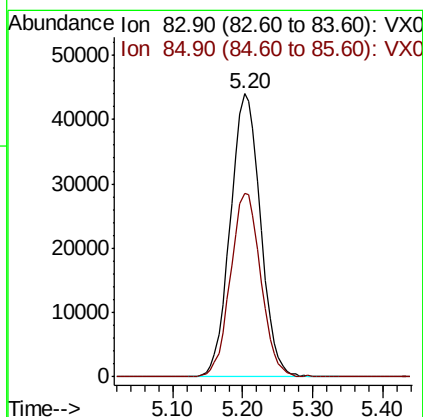
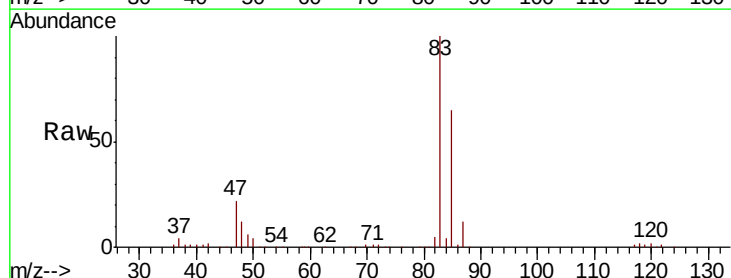
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

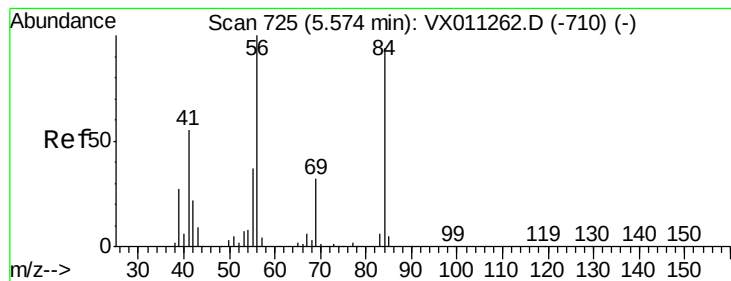
Tot Ion: 42 Resp: 168361  
Ion Ratio Lower Upper  
42 100  
72 50.0 39.9 59.9  
71 46.4 36.9 55.3



#30  
Chloroform  
Concen: 46.300 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion: 83 Resp: 131893  
Ion Ratio Lower Upper  
83 100  
85 65.0 53.4 80.0





#31

Cyclohexane

Concen: 45.744 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

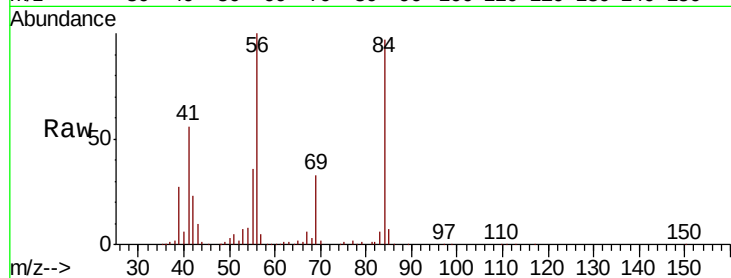
Tot Ion: 56 Resp: 98915

Ion Ratio Lower Upper

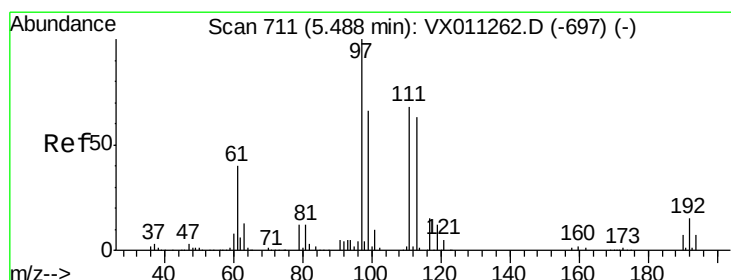
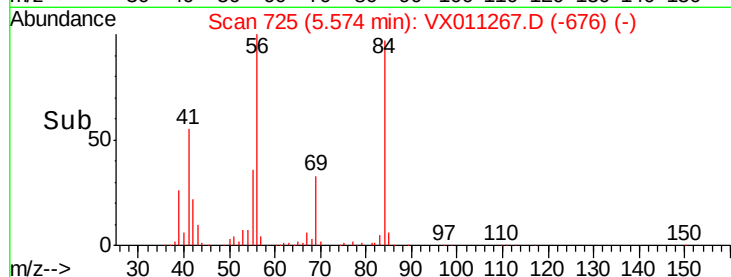
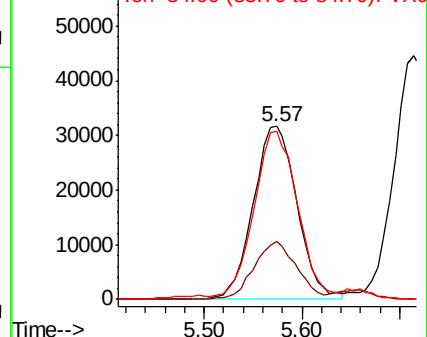
56 100

69 33.3 25.5 38.3

84 95.2 75.0 112.4



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



#32

1,1,1-Trichloroethane

Concen: 46.681 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

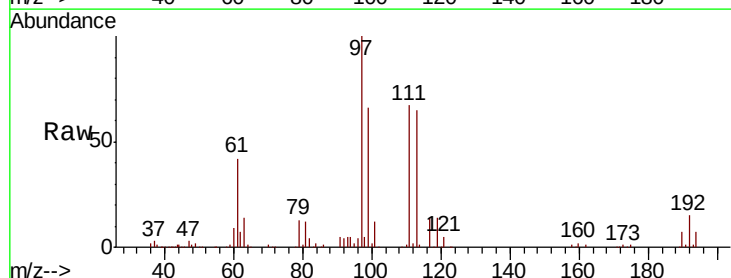
Tgt Ion: 97 Resp: 113916

Ion Ratio Lower Upper

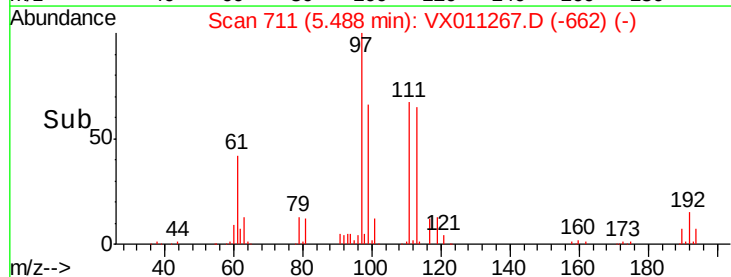
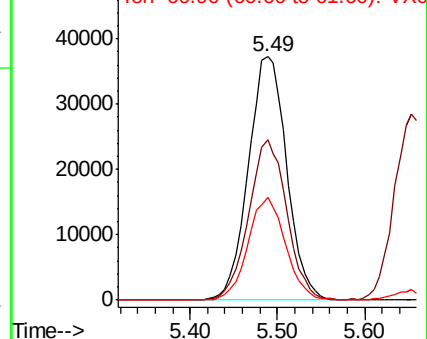
97 100

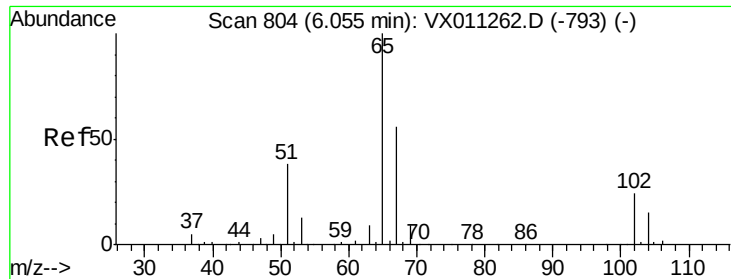
99 65.2 51.6 77.4

61 41.4 32.3 48.5



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

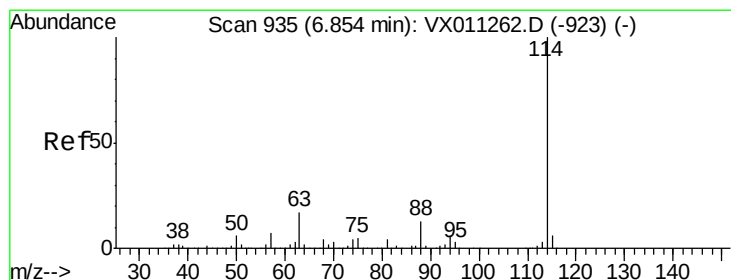
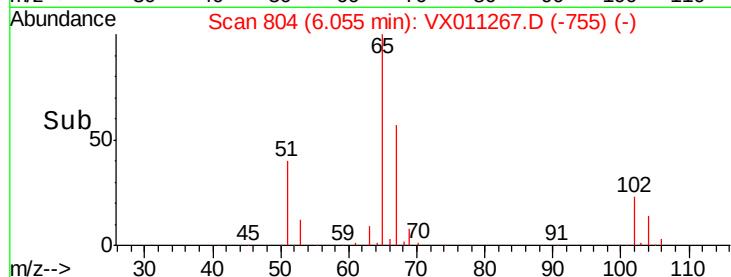
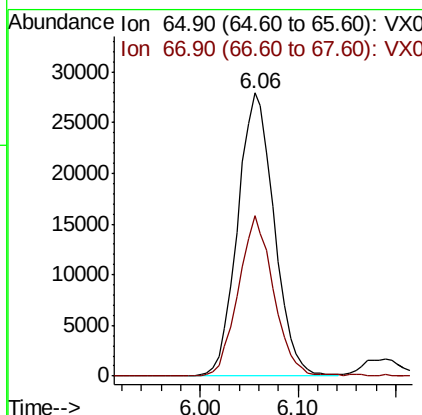
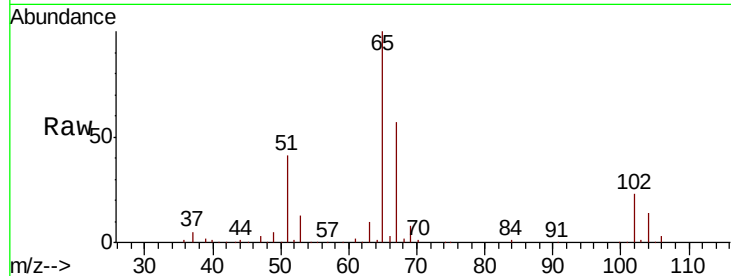




#33  
 1,2-Dichloroethane-d4  
 Concen: 42.984 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

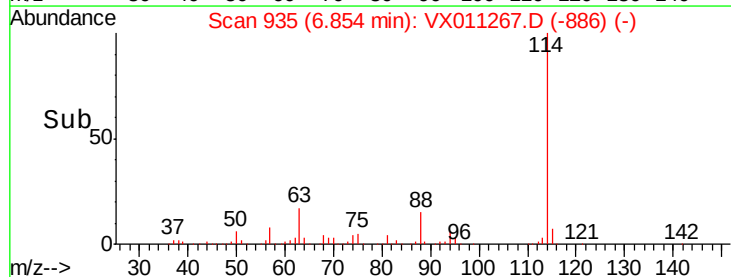
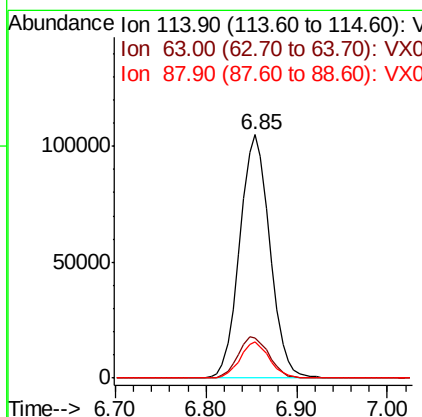
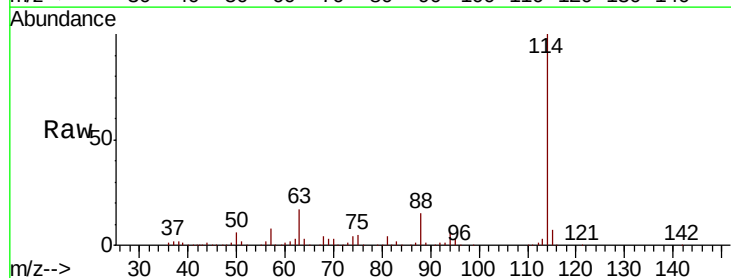
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

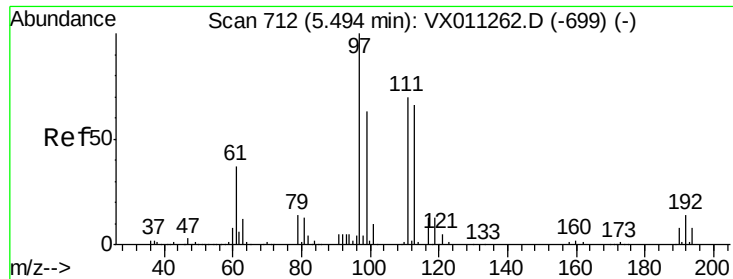
Tot Ion: 65 Resp: 72175  
 Ion Ratio Lower Upper  
 65 100  
 67 54.9 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion: 114 Resp: 242976  
 Ion Ratio Lower Upper  
 114 100  
 63 16.7 0.0 34.0  
 88 14.9 0.0 26.4

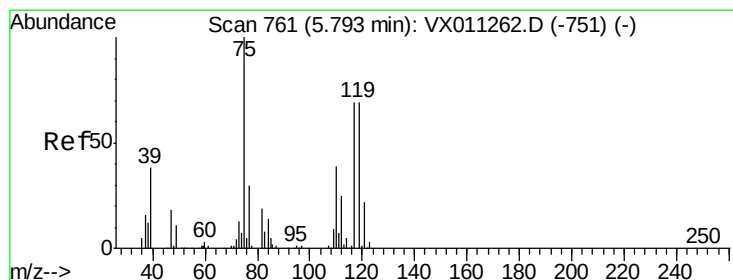
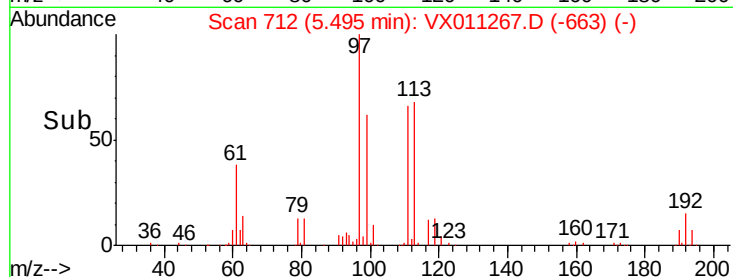
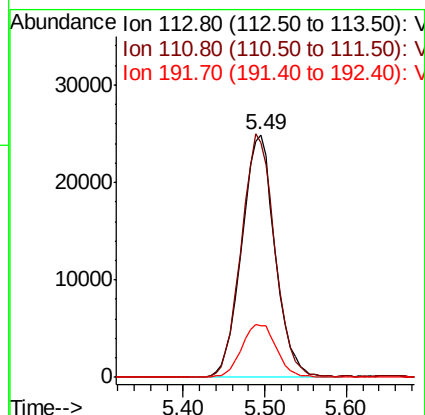
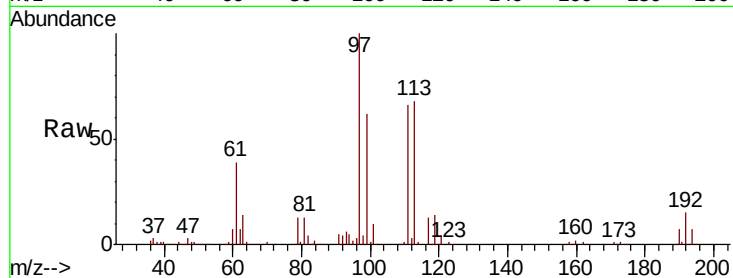




#35  
 Dibromofluoromethane  
 Concen: 44.567 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

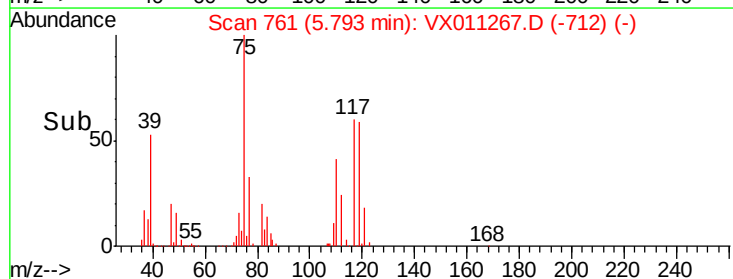
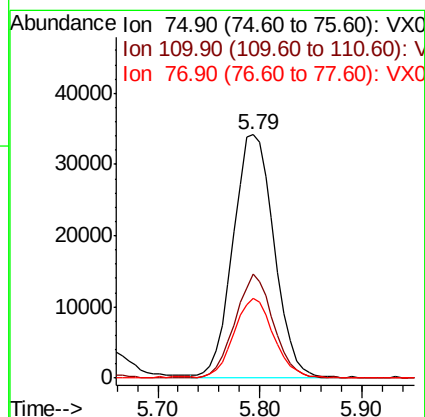
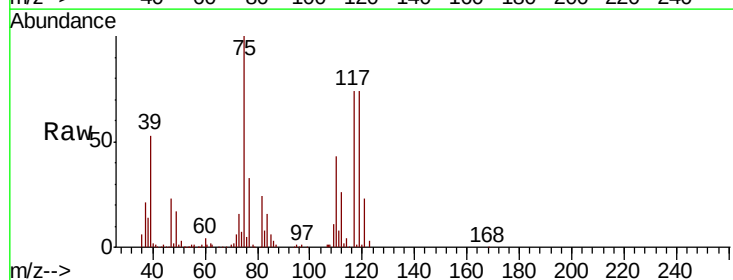
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

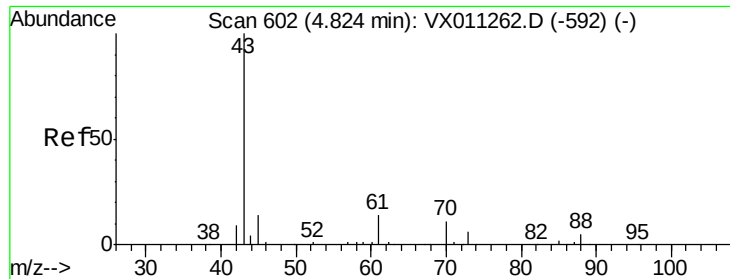
Tot Ion:113 Resp: 70698  
 Ion Ratio Lower Upper  
 113 100  
 111 100.6 81.9 122.9  
 192 22.7 17.8 26.8



#36  
 1,1-Dichloropropene  
 Concen: 44.670 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion: 75 Resp: 94763  
 Ion Ratio Lower Upper  
 75 100  
 110 40.1 20.0 59.9  
 77 32.0 24.8 37.2





#37

Ethyl Acetate

Concen: 47.363 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

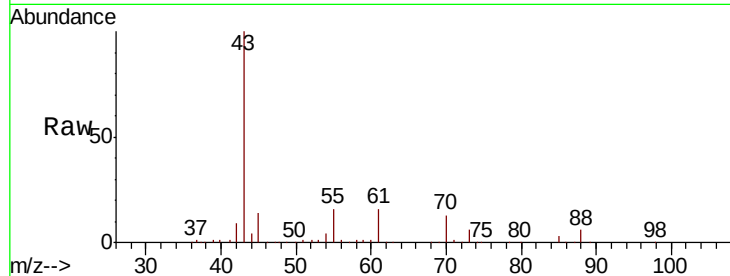
Tot Ion: 43 Resp: 100786

Ion Ratio Lower Upper

43 100

61 15.6 12.6 18.8

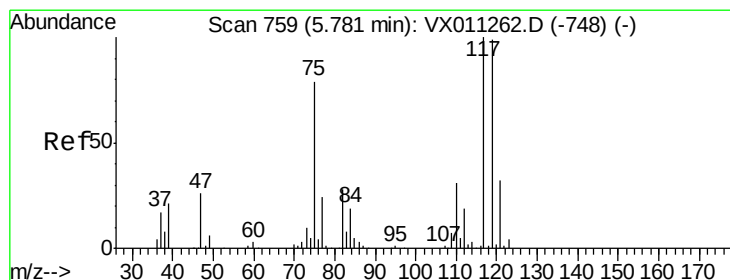
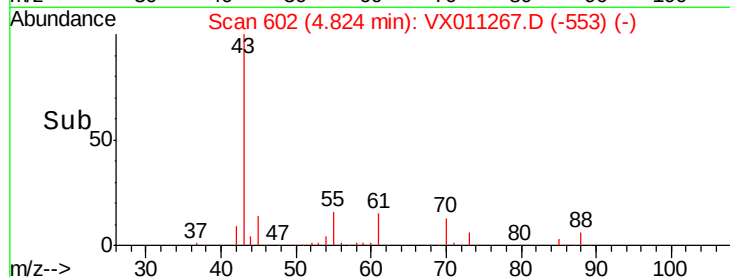
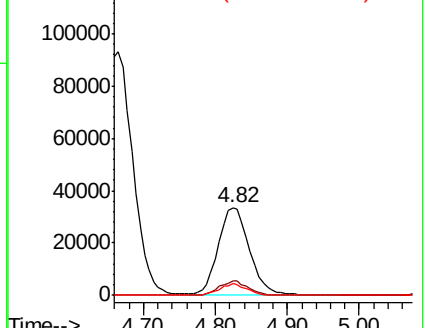
70 11.7 9.1 13.7



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: 47.747 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

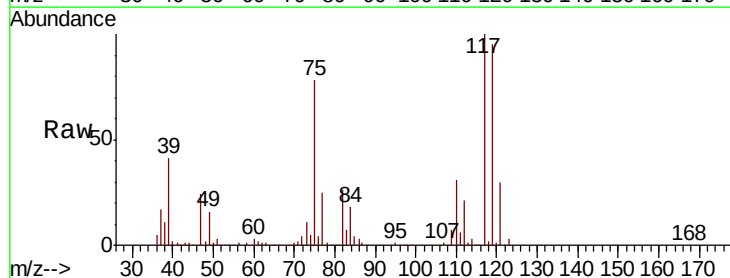
Tgt Ion: 117 Resp: 101905

Ion Ratio Lower Upper

117 100

119 95.1 79.0 118.4

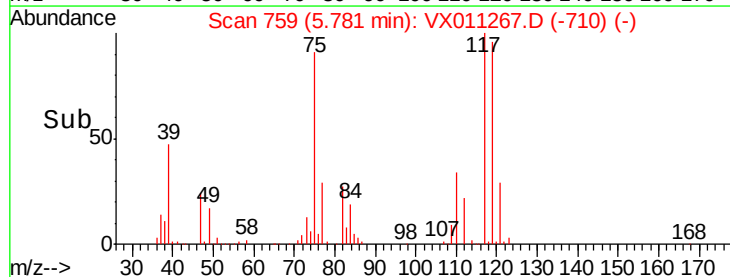
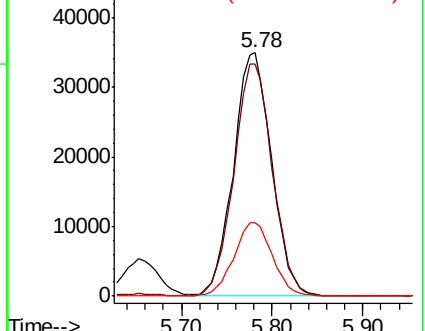
121 30.0 25.9 38.9

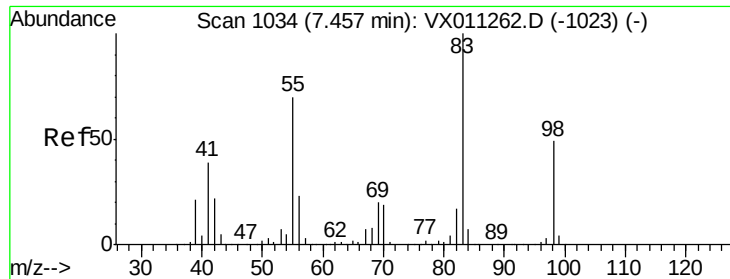


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

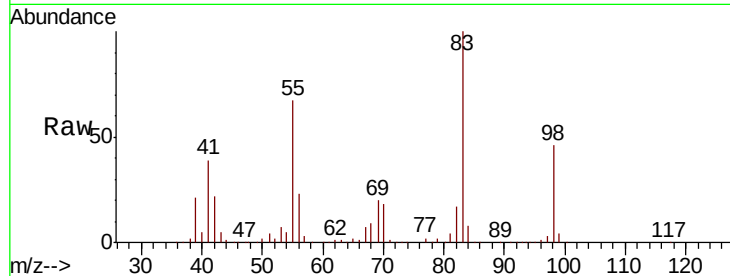




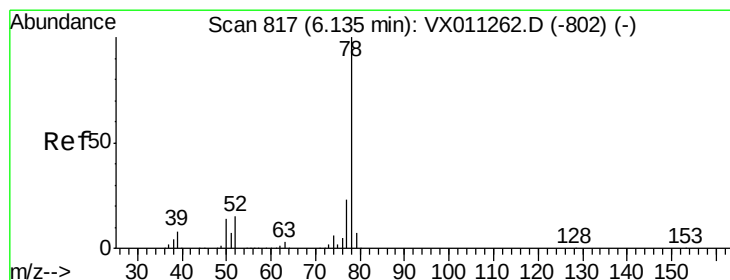
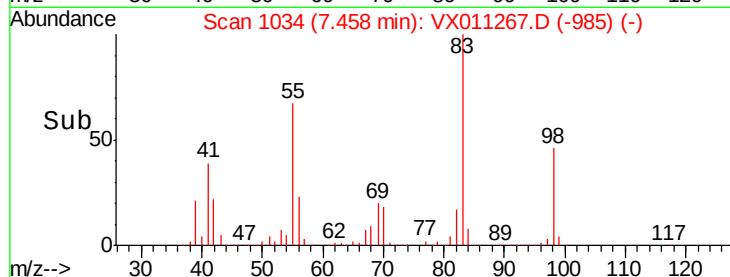
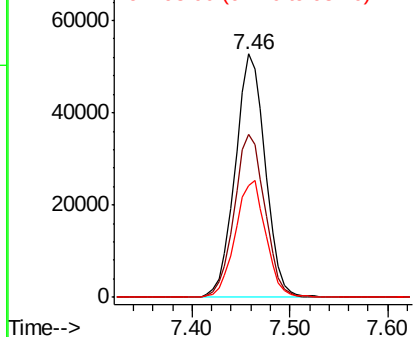
#39  
Methylvlcyclohexane  
Concen: 44.606 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 112165  
Ion Ratio Lower Upper  
83 100  
55 66.8 56.1 84.1  
98 45.9 39.0 58.4

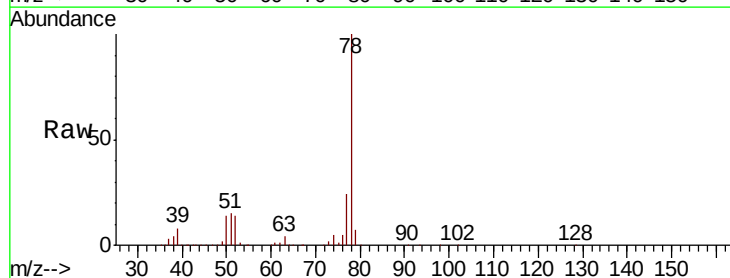


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

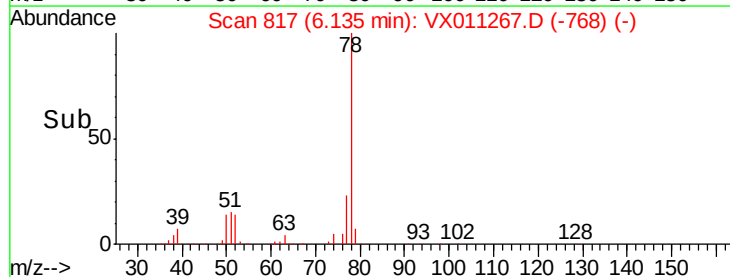
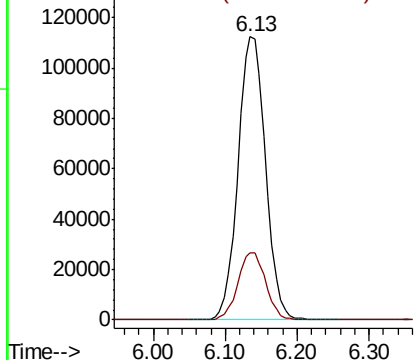


#40  
Benzene  
Concen: 46.842 ug/l  
RT: 6.13 min Scan# 817  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

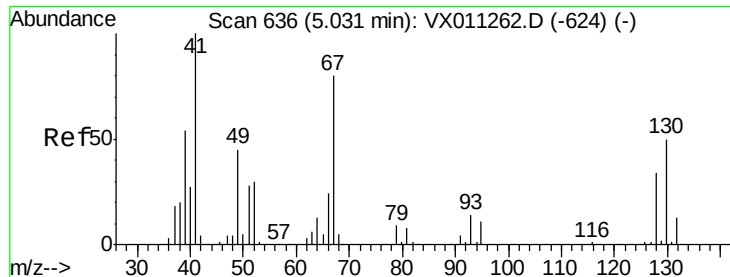
Tgt Ion: 78 Resp: 296531  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.2 27.2



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







#41

Methacrylonitrile

Concen: 45.562 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 52949

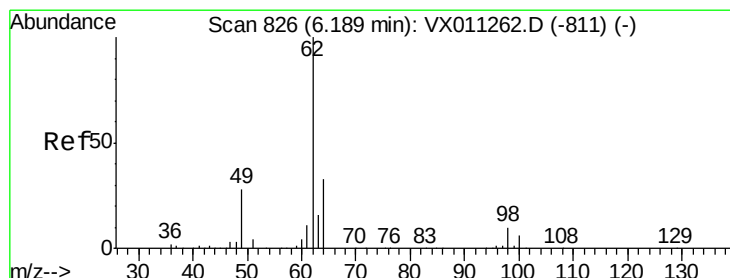
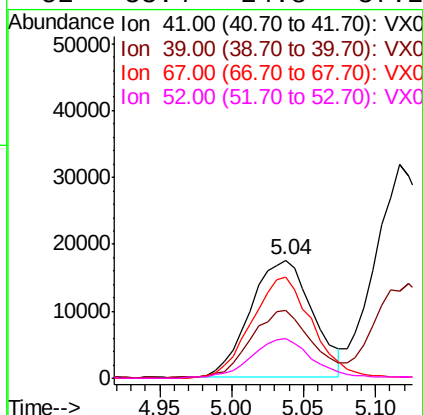
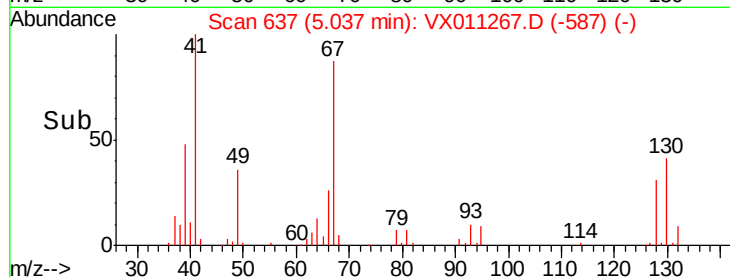
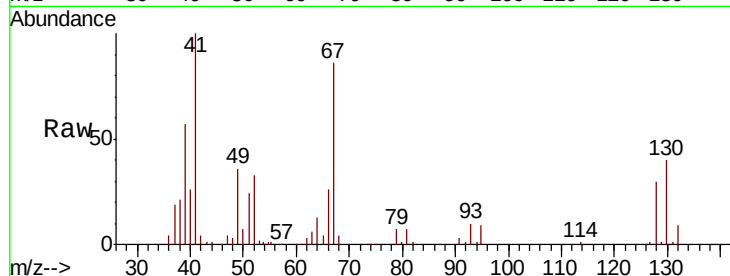
Ion Ratio Lower Upper

41 100

39 57.0 43.0 64.6

67 84.3 65.1 97.7

52 33.4 24.8 37.2



#42

1,2-Dichloroethane

Concen: 46.413 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011267.D

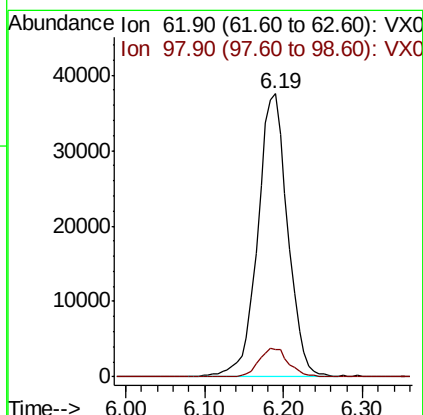
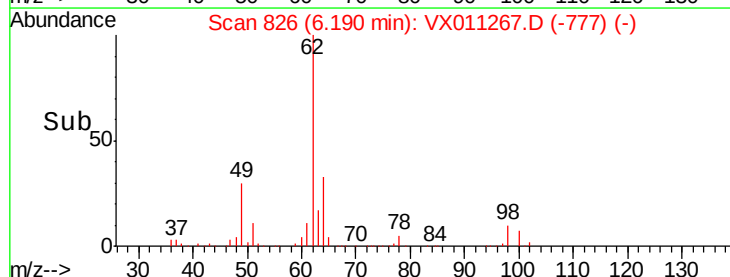
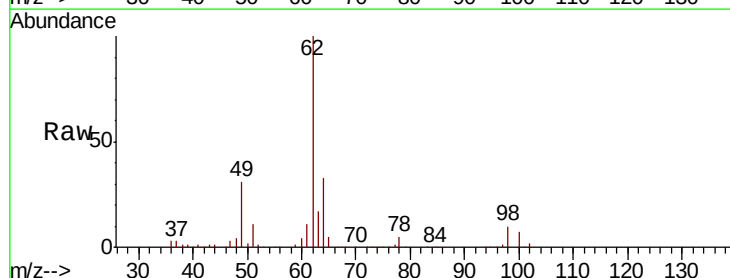
Acq: 01 Aug 2019 18:33

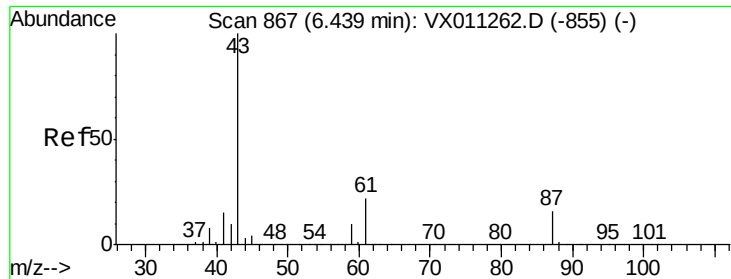
Tgt Ion: 62 Resp: 99353

Ion Ratio Lower Upper

62 100

98 10.0 0.0 20.6



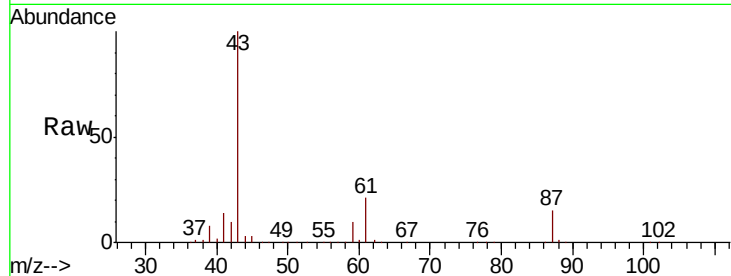


#43

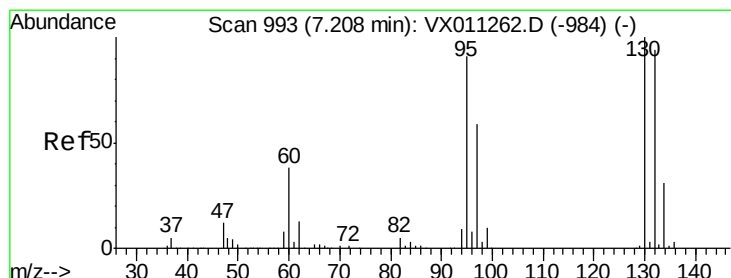
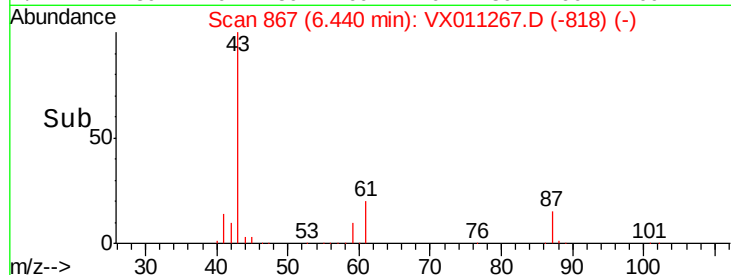
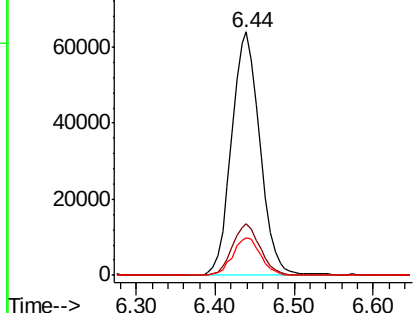
Isopropyl Acetate  
 Concen: 46.690 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 158841  
 Ion Ratio Lower Upper  
 43 100  
 61 21.0 16.5 24.7  
 87 15.3 12.1 18.1



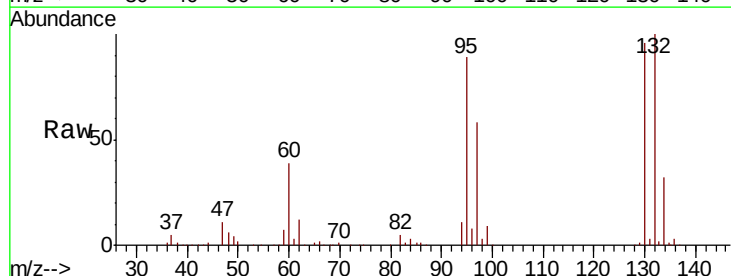
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



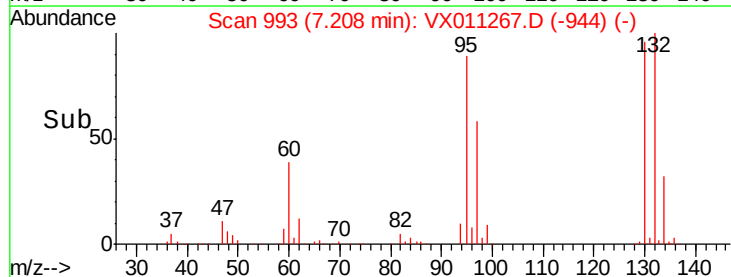
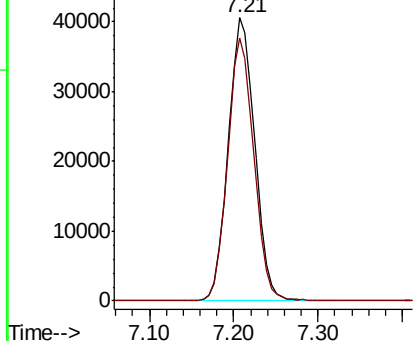
#44

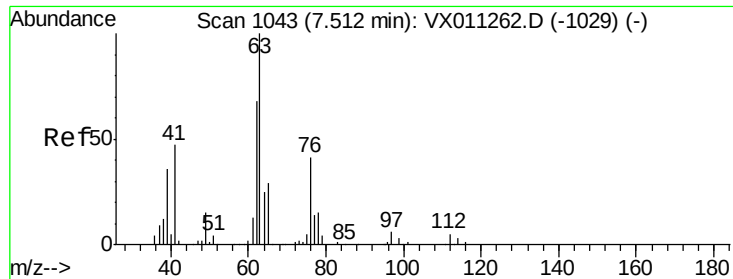
Trichloroethene  
 Concen: 45.251 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion: 130 Resp: 86708  
 Ion Ratio Lower Upper  
 130 100  
 95 93.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0

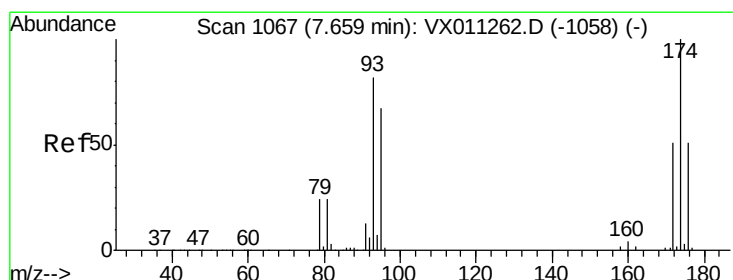
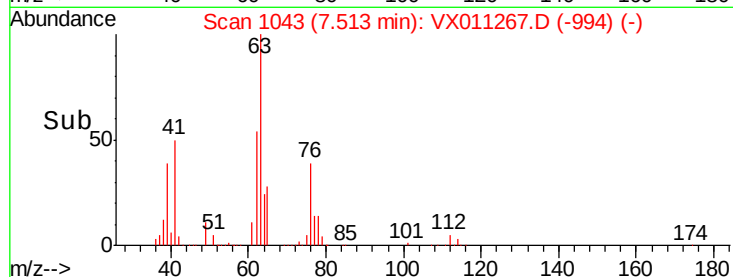
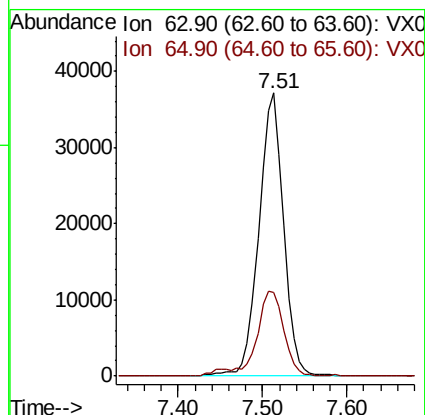
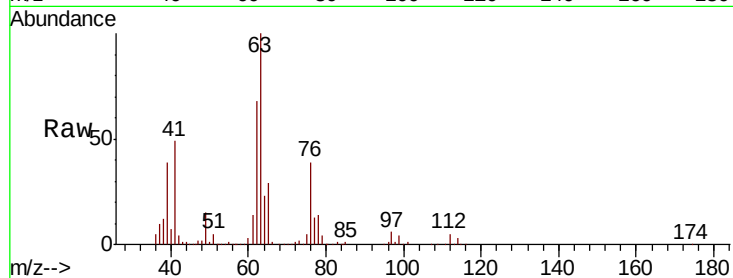




#45  
 1,2-Dichloropropane  
 Concen: 45.561 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

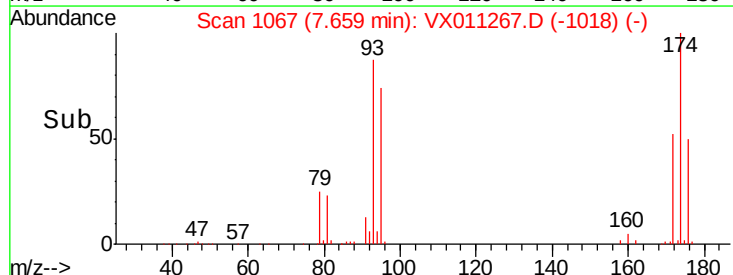
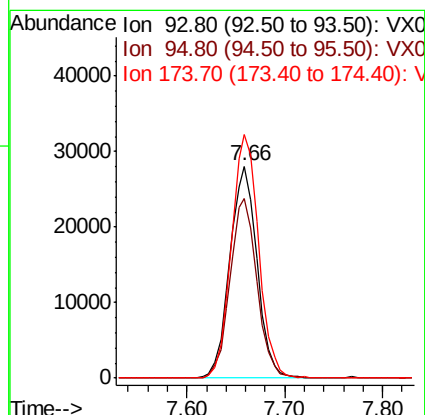
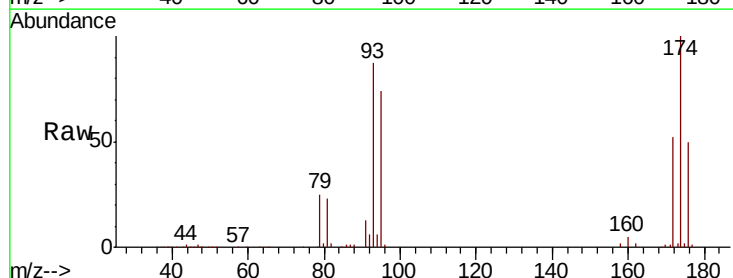
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

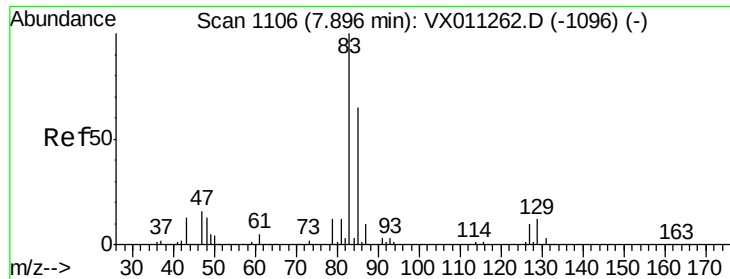
Tot Ion: 63 Resp: 74696  
 Ion Ratio Lower Upper  
 63 100  
 65 29.3 23.3 34.9



#46  
 Dibromomethane  
 Concen: 45.206 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion: 93 Resp: 54104  
 Ion Ratio Lower Upper  
 93 100  
 95 83.8 66.4 99.6  
 174 115.2 93.4 140.2





#47

Bromodichloromethane

Concen: 48.410 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

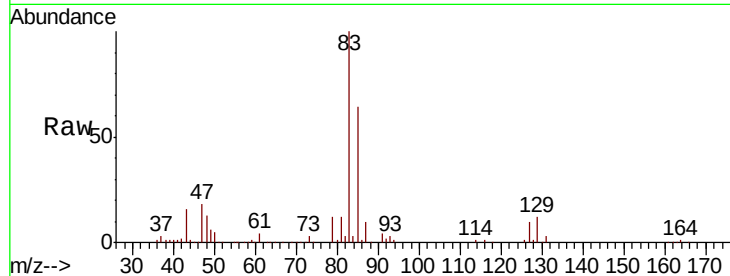
Tot Ion: 83 Resp: 98095

Ion Ratio Lower Upper

83 100

85 64.4 52.2 78.2

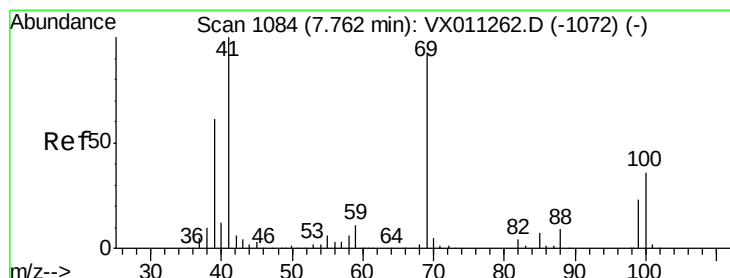
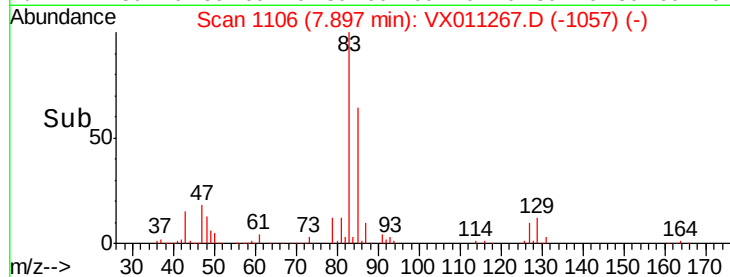
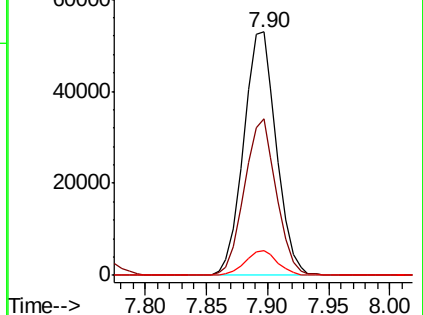
127 10.0 7.8 11.8



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: 48.073 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

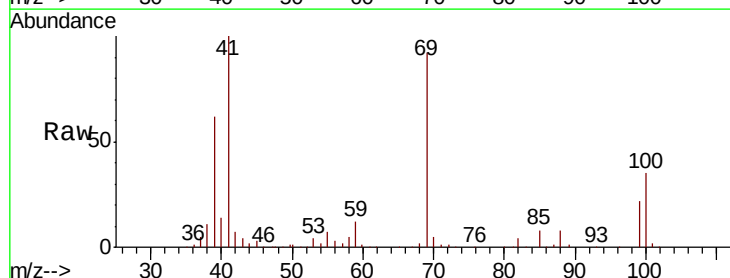
Tgt Ion: 41 Resp: 76968

Ion Ratio Lower Upper

41 100

69 94.2 74.5 111.7

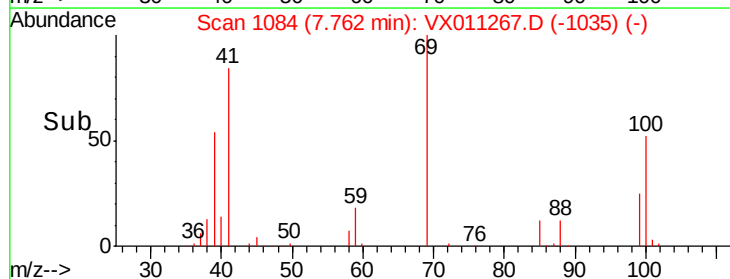
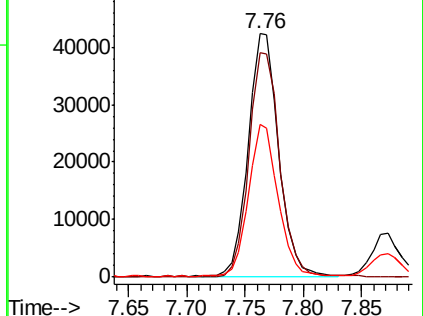
39 60.4 48.6 72.8

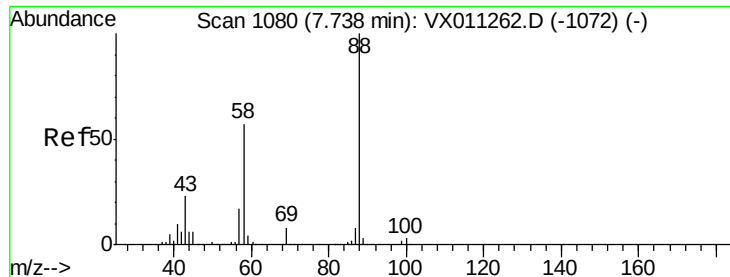


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

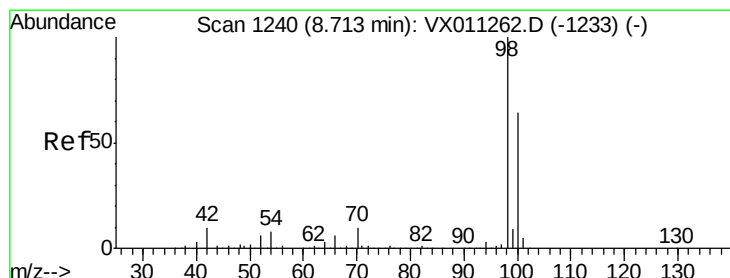
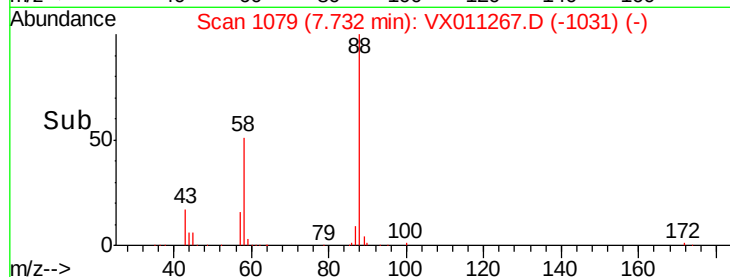
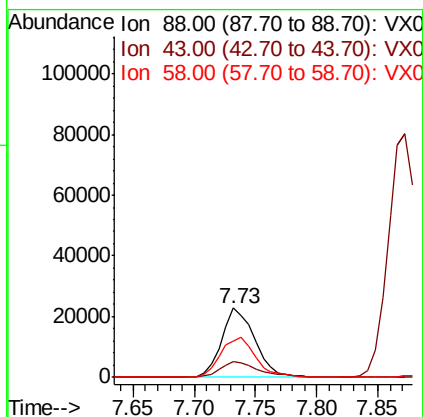
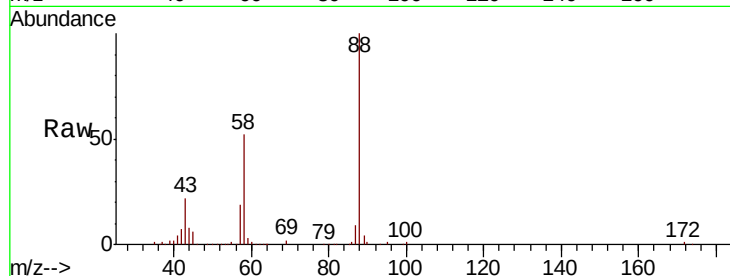




#49  
 1,4-Dioxane  
 Concen: 923.752 ug/l  
 RT: 7.73 min Scan# 1079  
 Delta R.T. -0.01 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

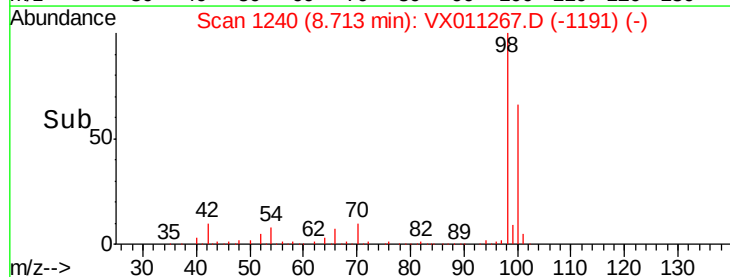
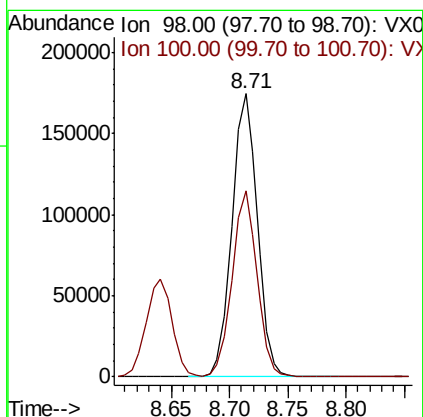
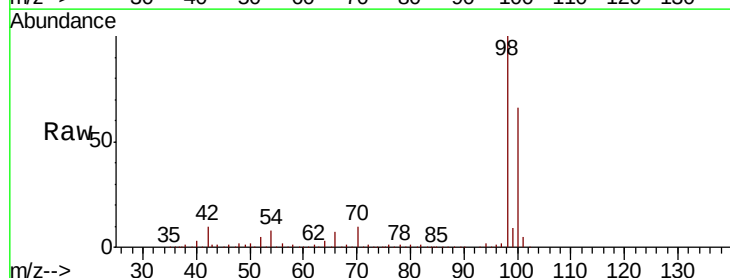
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

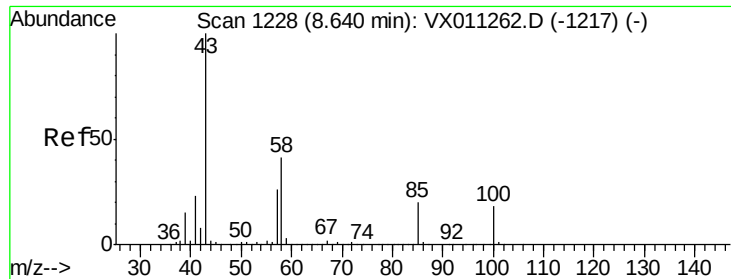
Tot Ion: 88 Resp: 42877  
 Ion Ratio Lower Upper  
 88 100  
 43 26.3 22.2 33.2  
 58 61.4 47.8 71.8



#50  
 Toluene-d8  
 Concen: 44.306 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion: 98 Resp: 265301  
 Ion Ratio Lower Upper  
 98 100  
 100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 244.155 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

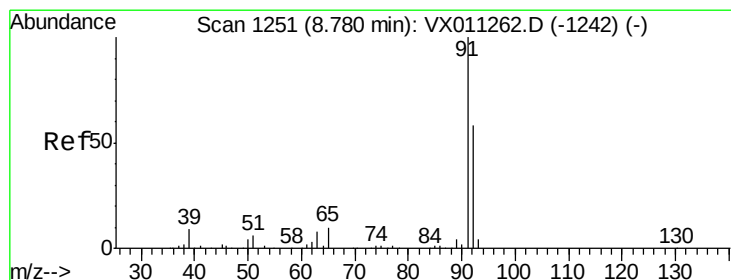
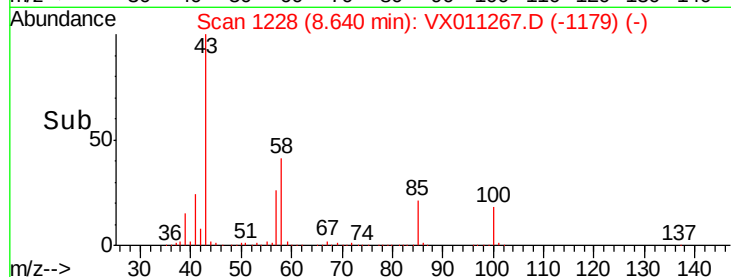
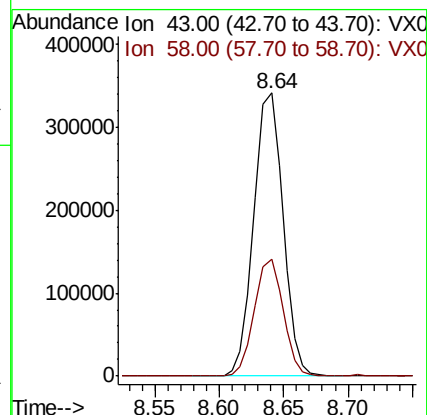
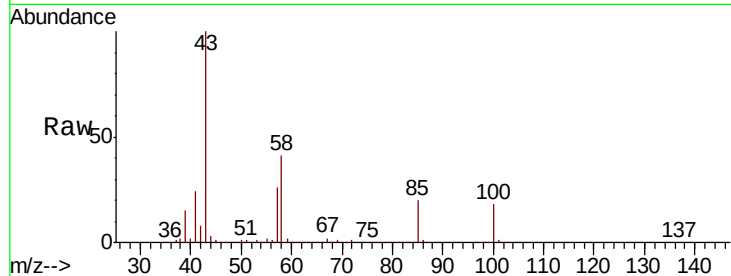
VSTDCCC050

Tot Ion: 43 Resp: 536058

Ion Ratio Lower Upper

43 100

58 40.8 32.3 48.5



#52

Toluene

Concen: 46.581 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011267.D

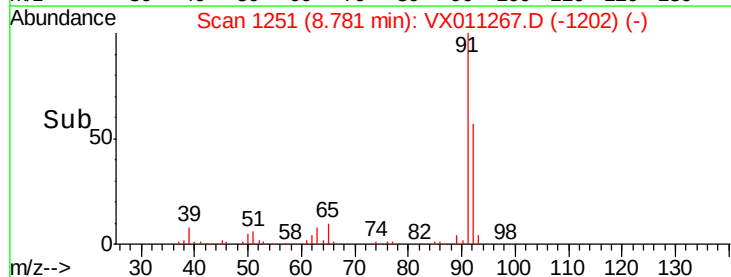
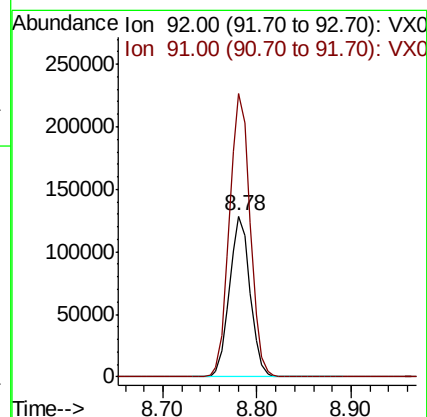
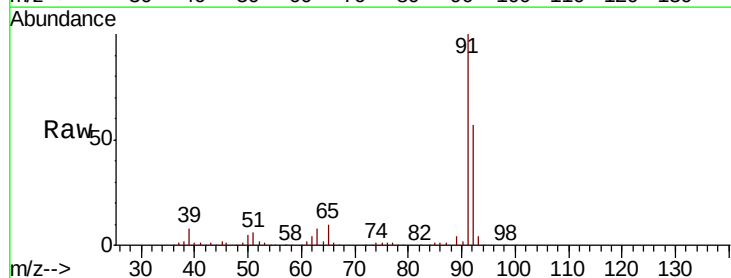
Acq: 01 Aug 2019 18:33

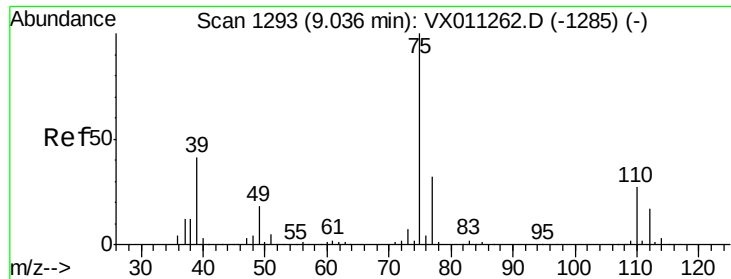
Tgt Ion: 92 Resp: 194965

Ion Ratio Lower Upper

92 100

91 177.9 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 44.464 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

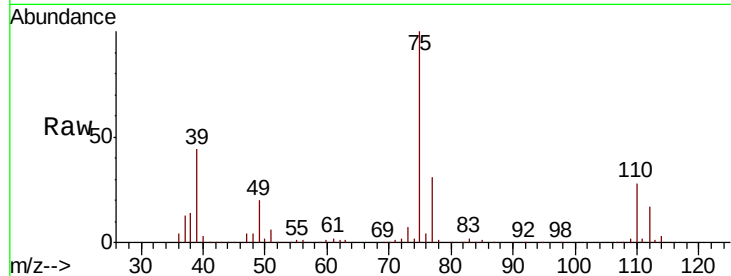
VSTDCCC050

Tot Ion: 75 Resp: 104142

Ion Ratio Lower Upper

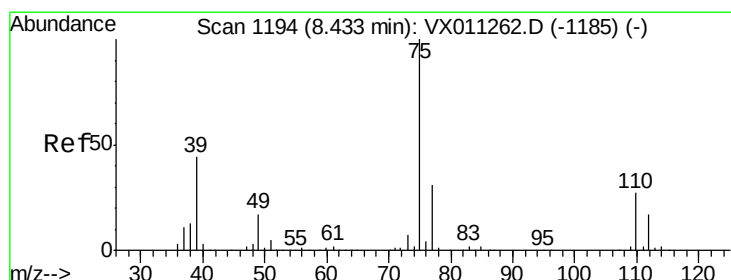
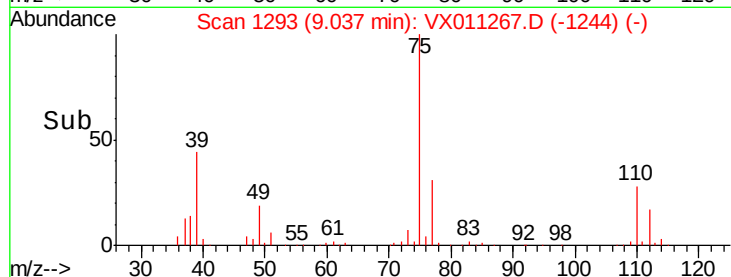
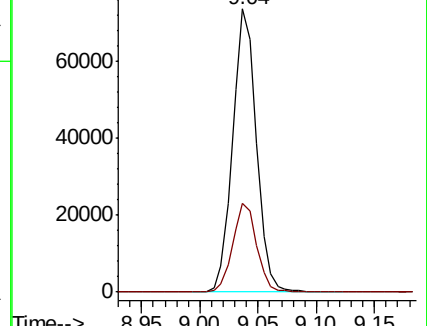
75 100

77 31.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.676 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

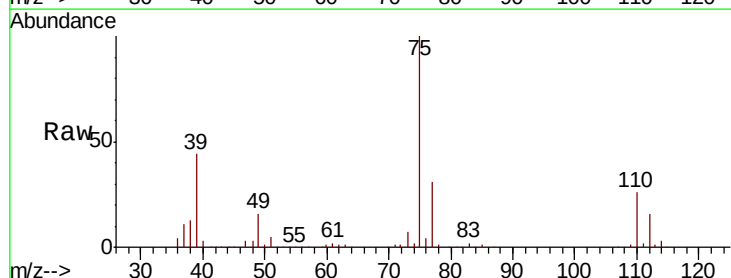
Tgt Ion: 75 Resp: 117585

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

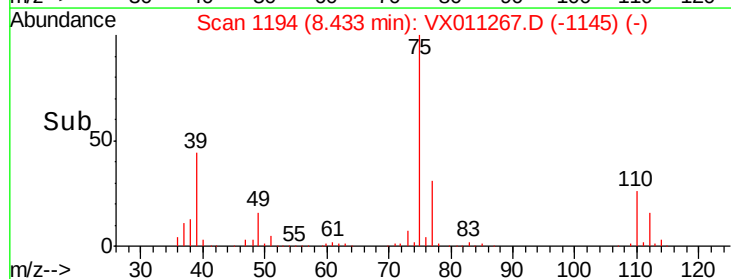
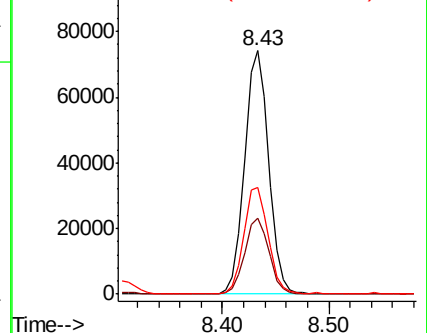
39 43.7 35.3 52.9

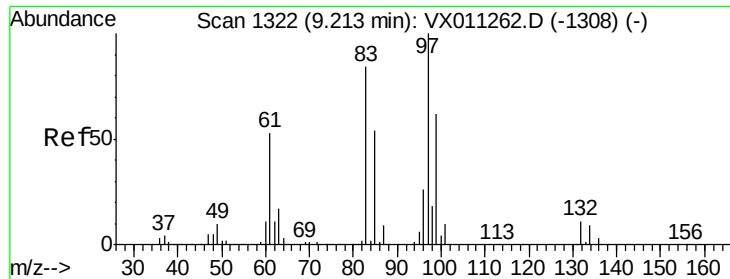


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 47.375 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 81527

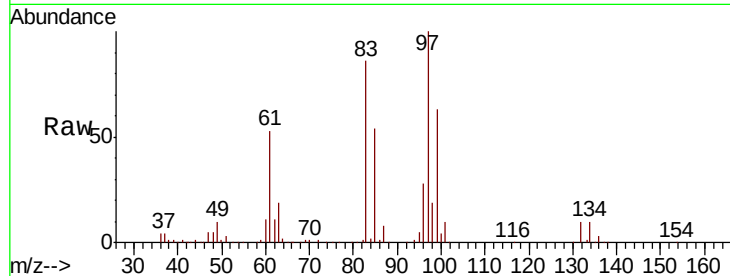
Ion Ratio Lower Upper

97 100

83 85.8 67.6 101.4

85 54.5 43.4 65.0

99 63.4 49.6 74.4



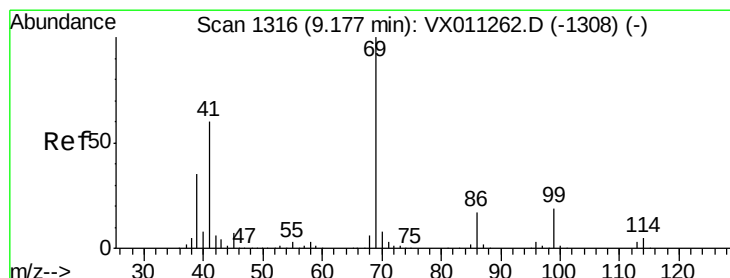
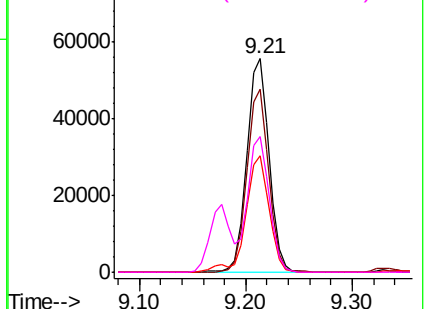
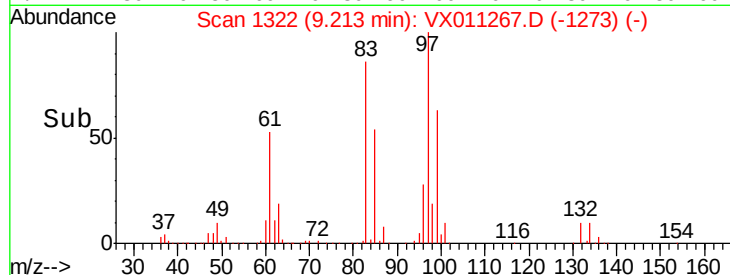
Abundance

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: 48.958 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

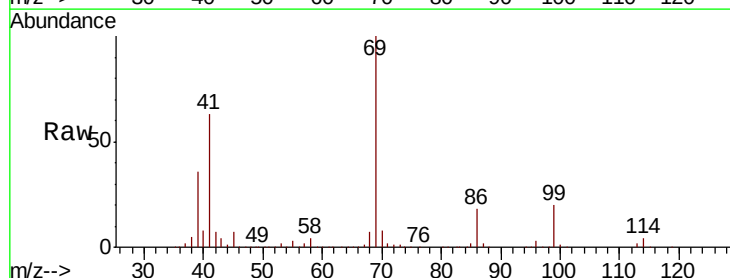
Tgt Ion: 69 Resp: 120064

Ion Ratio Lower Upper

69 100

41 62.0 48.6 73.0

39 36.7 29.4 44.2

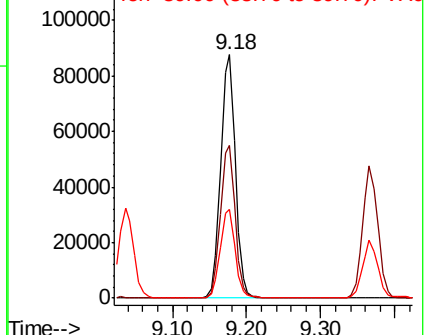
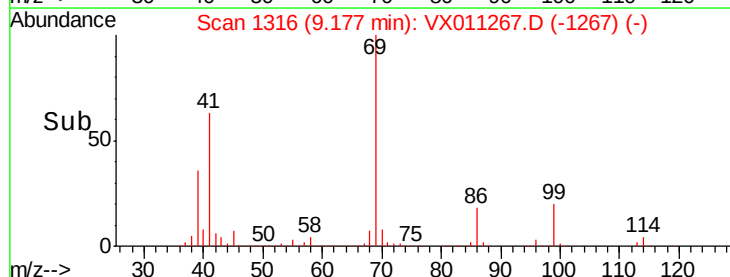


Abundance

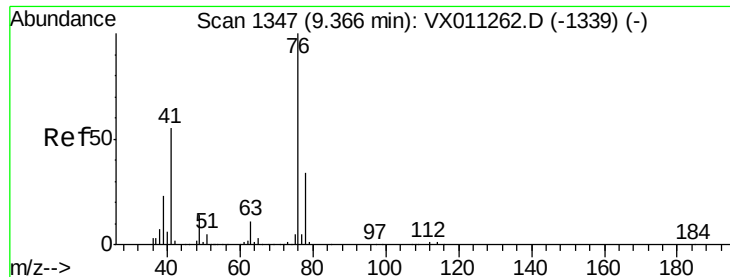
Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0







#57

1,3-Dichloropropane

Concen: 45.728 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

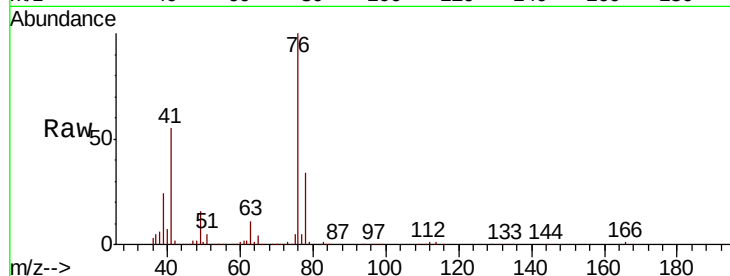
VSTDCCC050

Tot Ion: 76 Resp: 124452

Ion Ratio Lower Upper

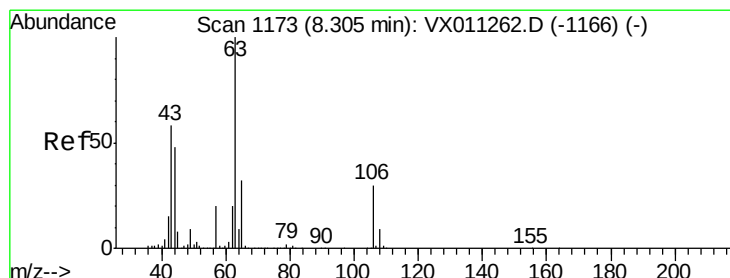
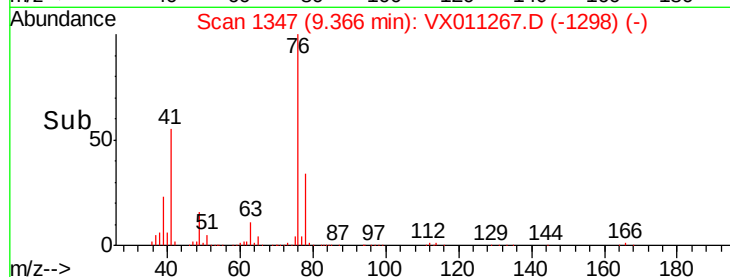
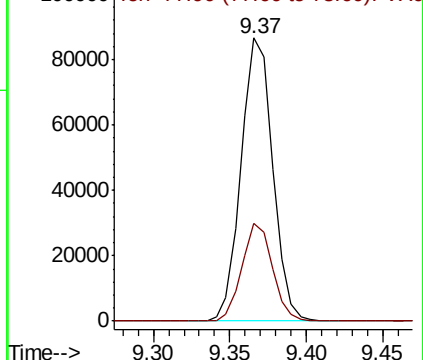
76 100

78 33.3 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 240.556 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011267.D

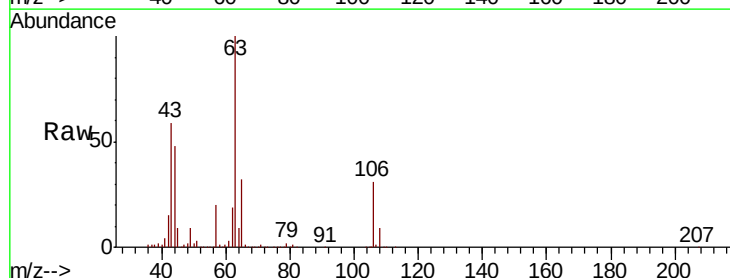
Acq: 01 Aug 2019 18:33

Tgt Ion: 63 Resp: 290064

Ion Ratio Lower Upper

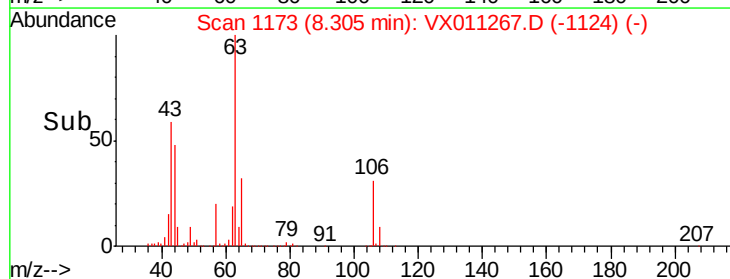
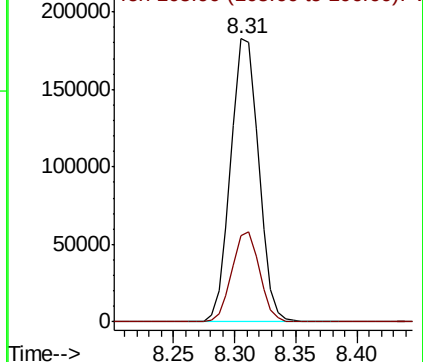
63 100

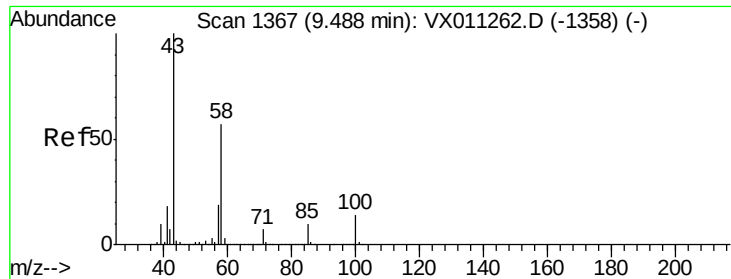
106 31.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

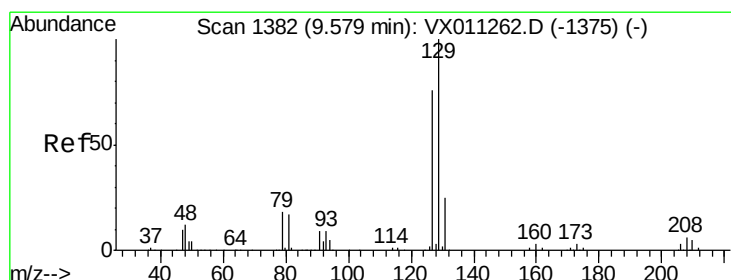
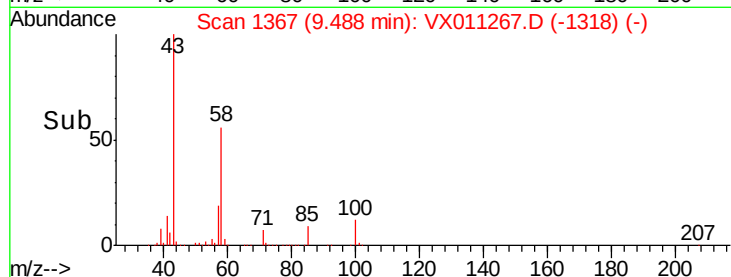
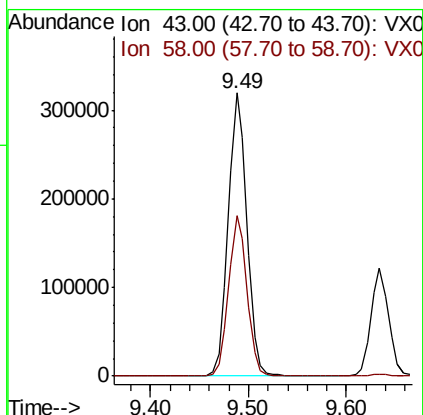
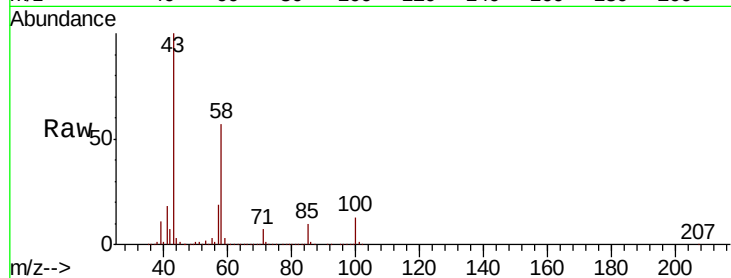




#59  
2-Hexanone  
Concen: 247.697 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

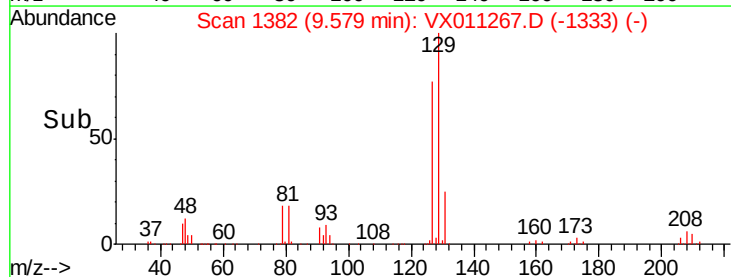
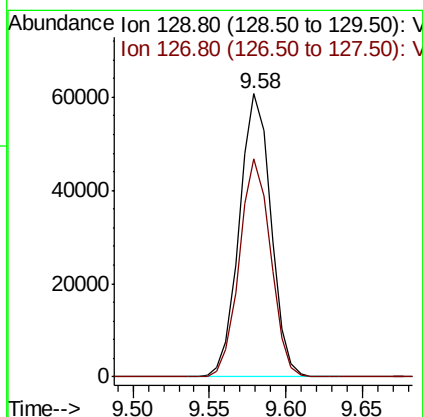
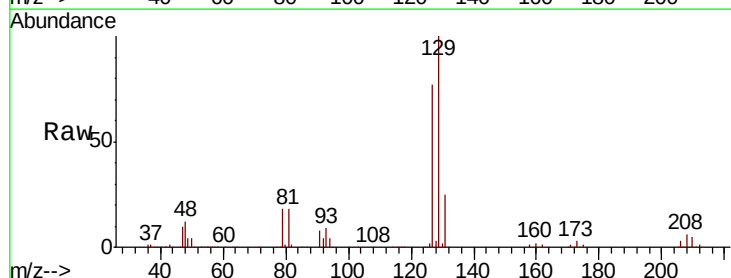
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

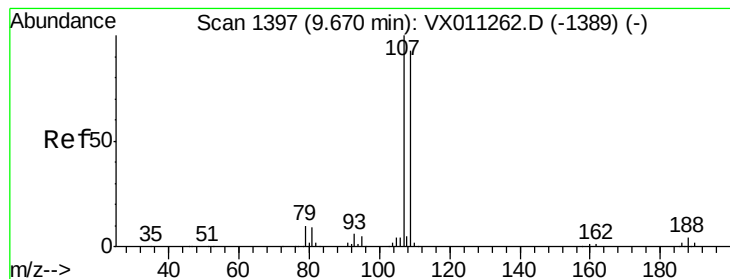
Tot Ion: 43 Resp: 421235  
Ion Ratio Lower Upper  
43 100  
58 56.3 28.2 84.6



#60  
Dibromochloromethane  
Concen: 49.524 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion:129 Resp: 87254  
Ion Ratio Lower Upper  
129 100  
127 76.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 47.487 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

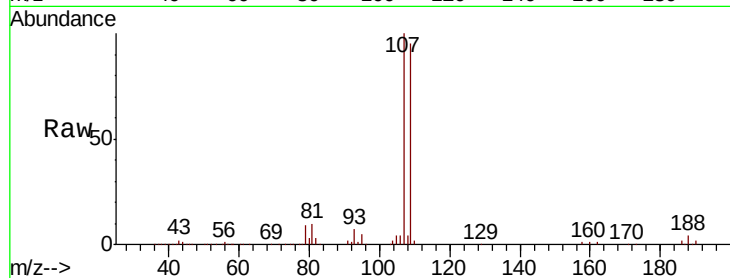
VSTDCCC050

Tot Ion:107 Resp: 88290

Ion Ratio Lower Upper

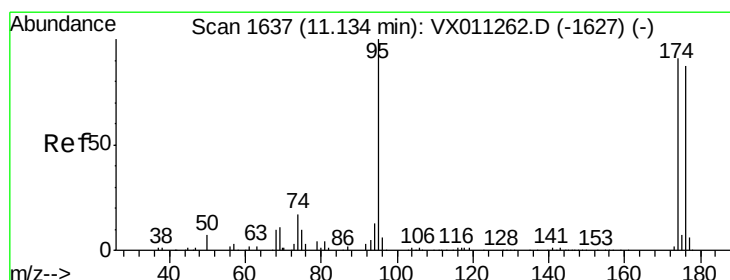
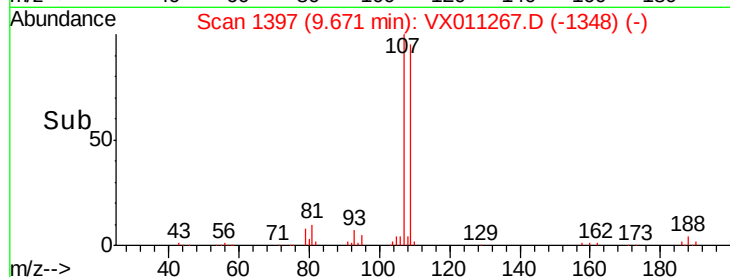
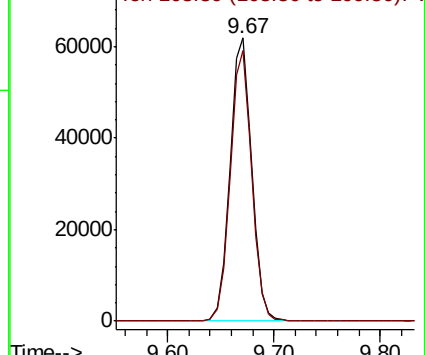
107 100

109 94.6 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.181 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

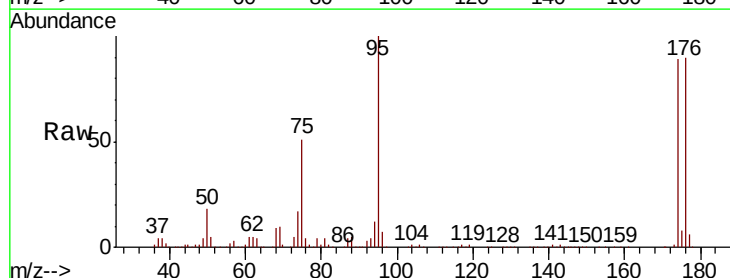
Tgt Ion: 95 Resp: 96590

Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.2

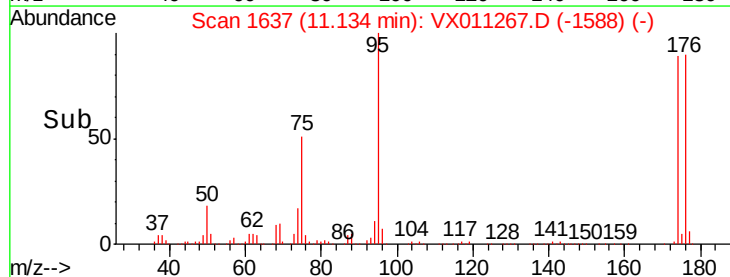
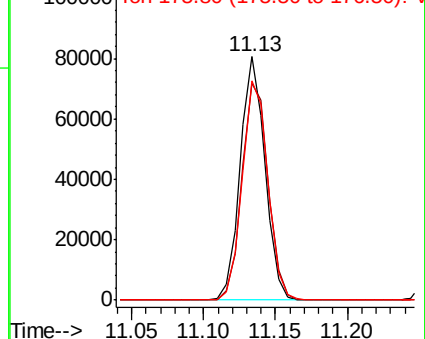
176 92.3 0.0 184.8

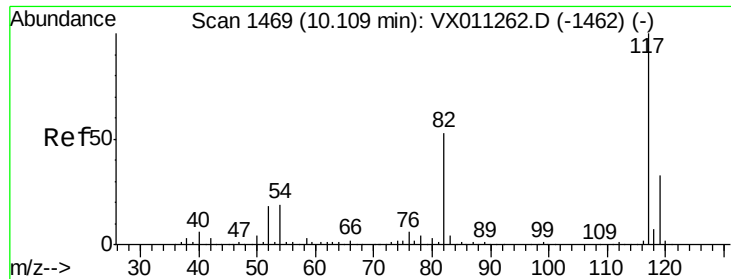


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

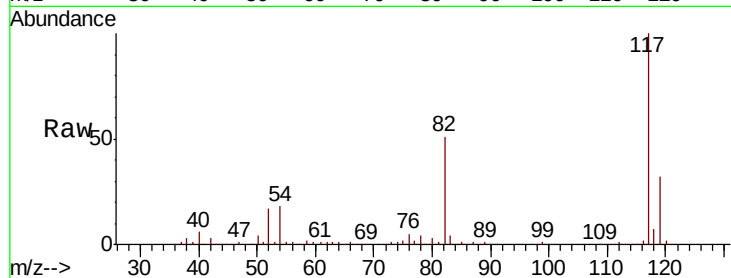




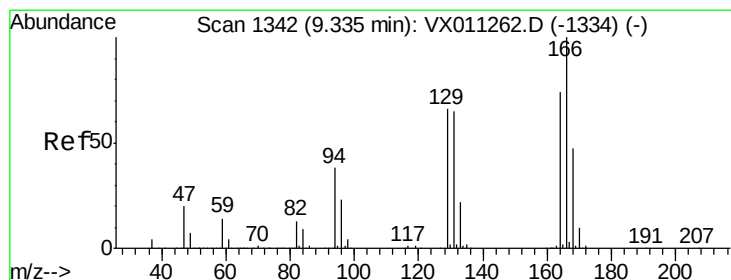
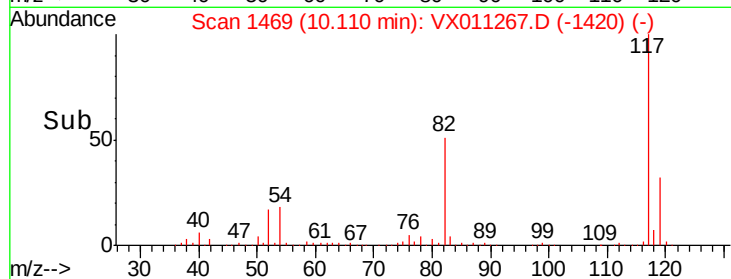
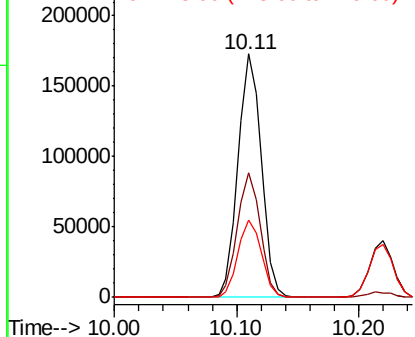
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 226779  
Ion Ratio Lower Upper  
117 100  
82 51.0 42.2 63.2  
119 31.8 26.6 39.8

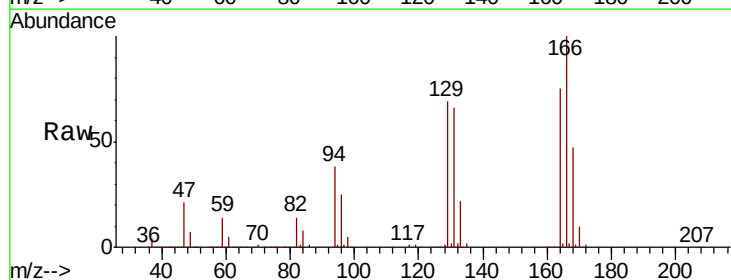


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

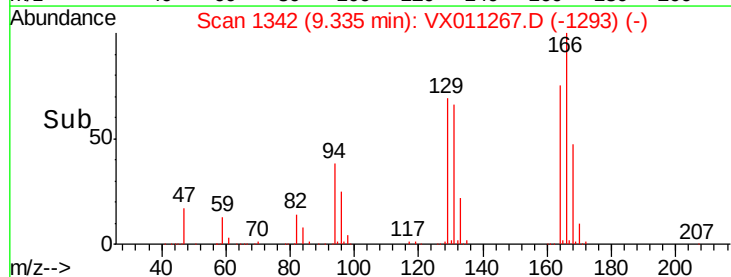
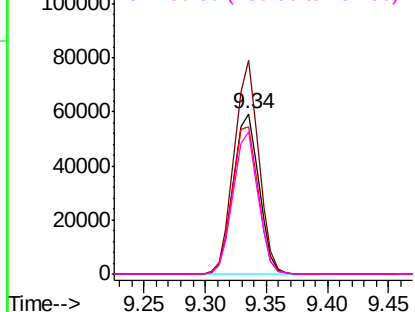


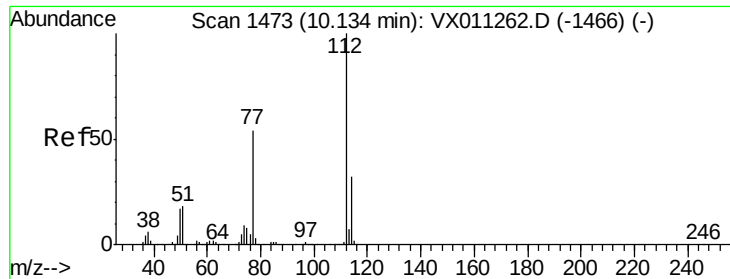
#64  
Tetrachloroethene  
Concen: 44.647 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion:164 Resp: 85985  
Ion Ratio Lower Upper  
164 100  
166 133.2 107.5 161.3  
129 91.5 71.0 106.4  
131 88.3 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

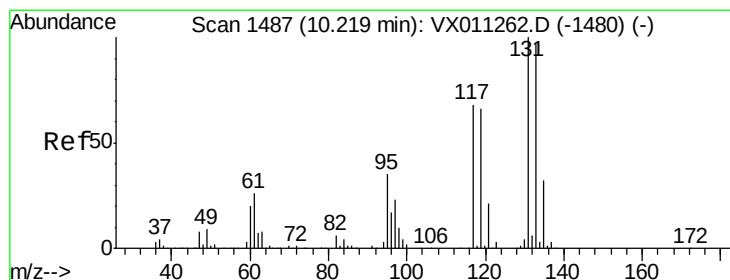
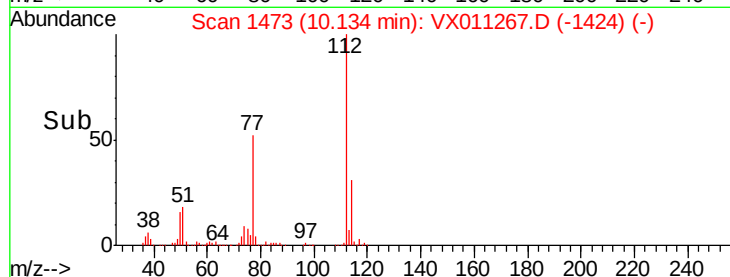
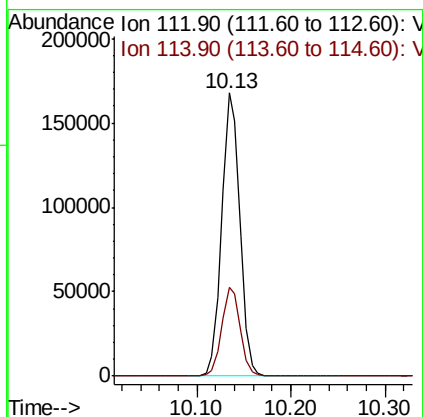
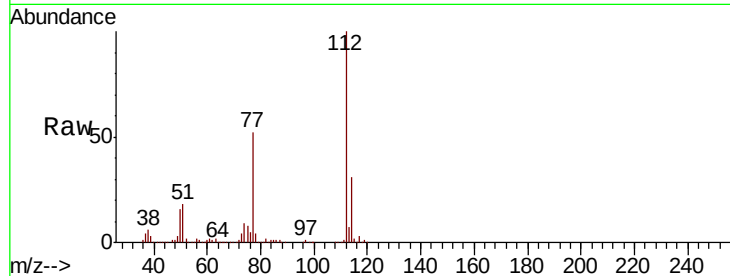




#65  
Chlorobenzene  
Concen: 45.999 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

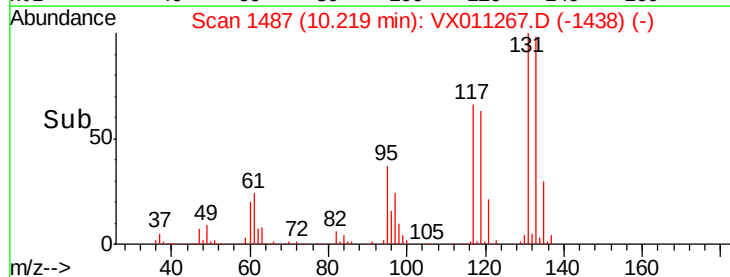
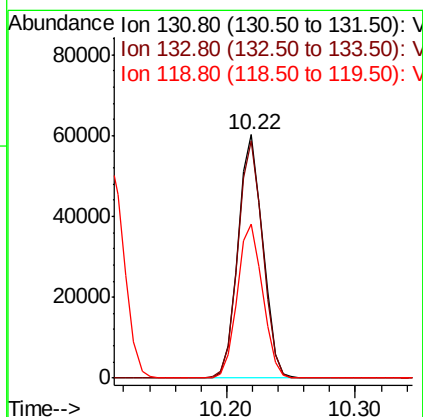
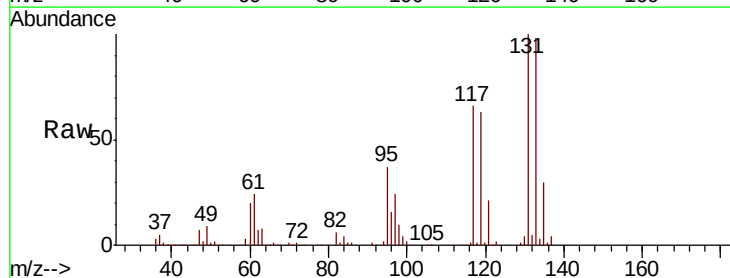
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

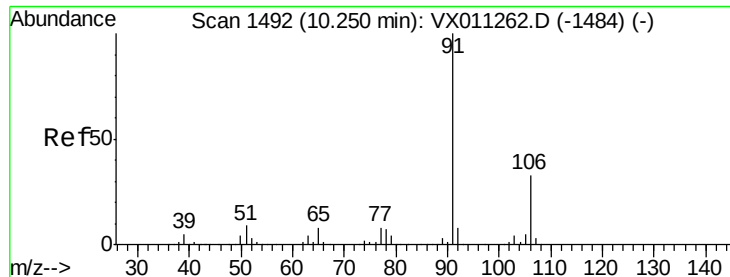
Tot Ion:112 Resp: 223668  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.296 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion:131 Resp: 80398  
Ion Ratio Lower Upper  
131 100  
133 97.2 47.7 143.1  
119 64.8 32.8 98.3





#67

Ethyl Benzene

Concen: 46.964 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

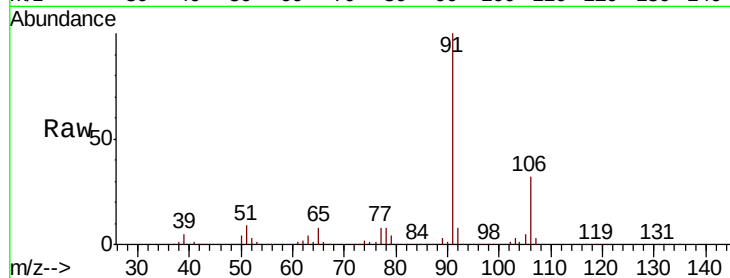
VSTDCCC050

Tot Ion: 91 Resp: 382443

Ion Ratio Lower Upper

91 100

106 32.1 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

500000

400000

300000

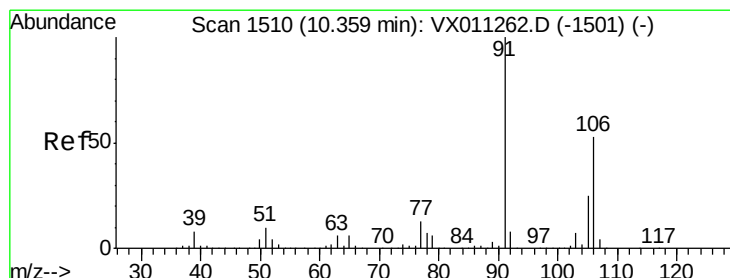
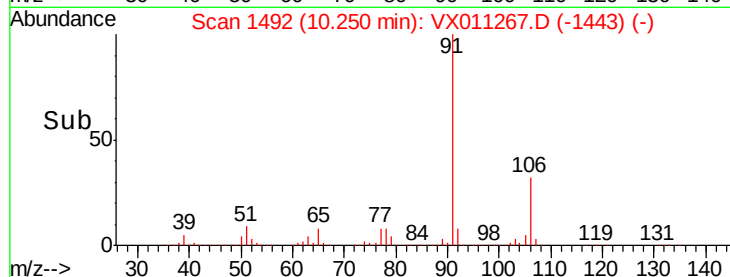
200000

100000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 95.352 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011267.D

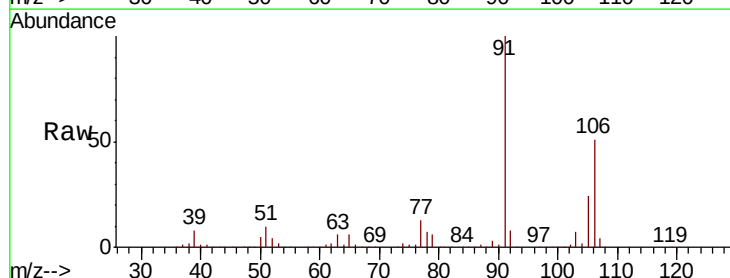
Acq: 01 Aug 2019 18:33

Tgt Ion: 106 Resp: 300343

Ion Ratio Lower Upper

106 100

91 195.7 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

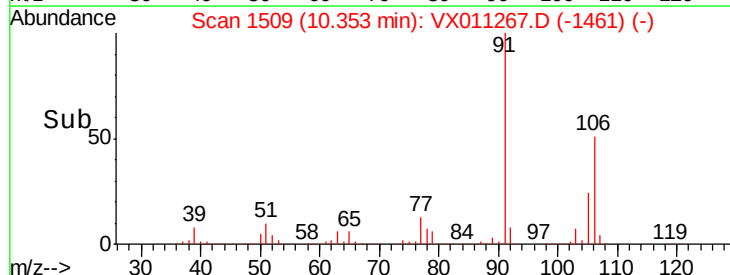
200000

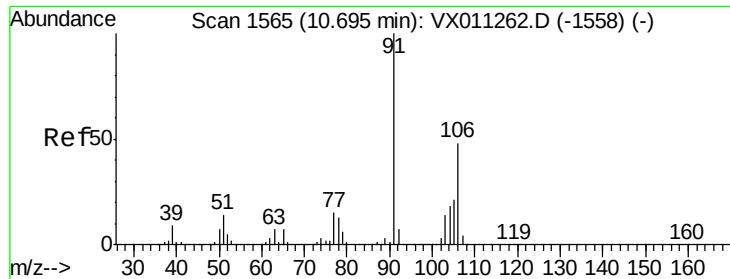
100000

0

10.30 10.40

Time-->

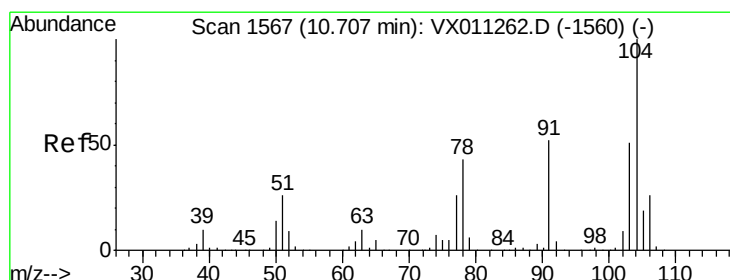
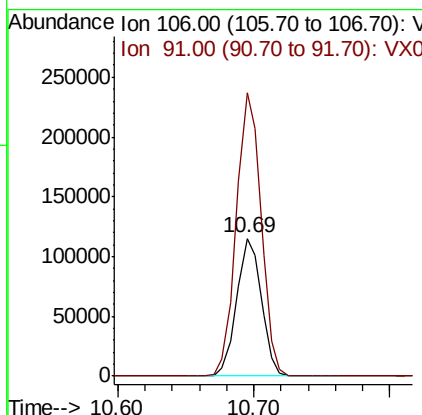
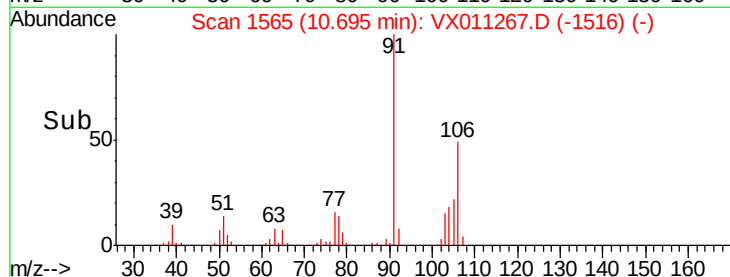
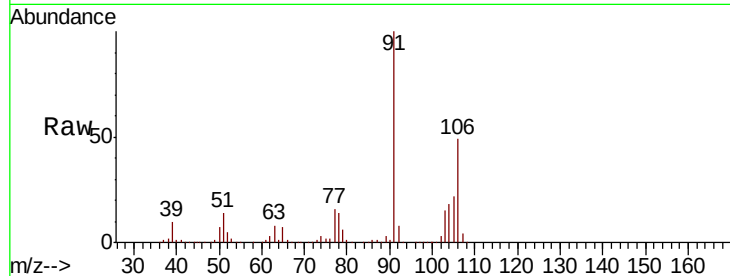




#69  
o-Xylene  
Concen: 47.102 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

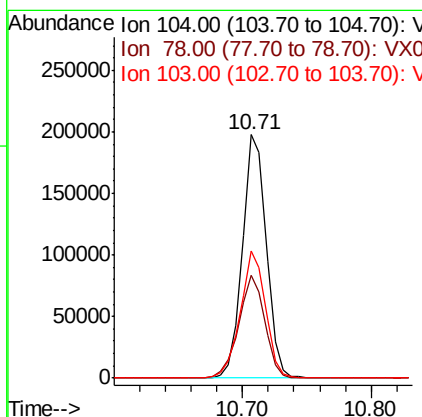
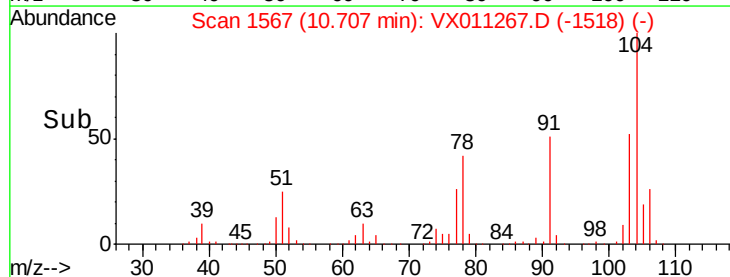
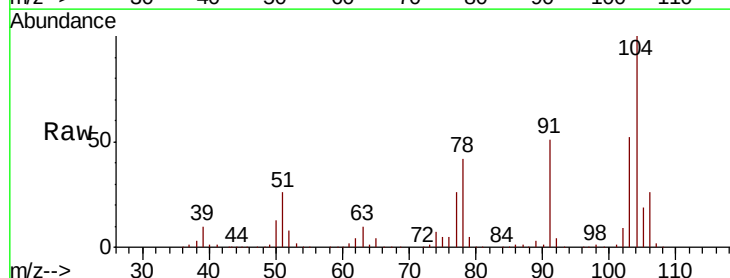
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

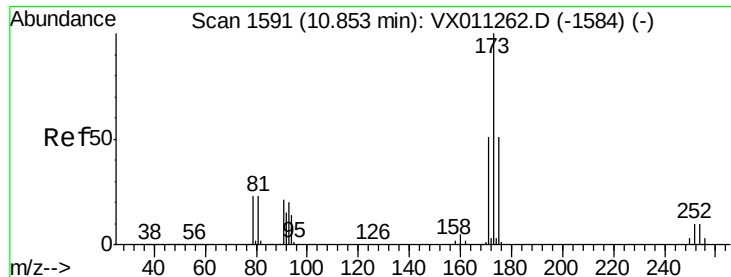
Tot Ion:106 Resp: 145773  
Ion Ratio Lower Upper  
106 100  
91 206.3 103.8 311.3



#70  
Styrene  
Concen: 49.122 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion:104 Resp: 251545  
Ion Ratio Lower Upper  
104 100  
78 46.6 36.9 55.3  
103 55.2 44.4 66.6





#71

Bromoform

Concen: 43.573 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

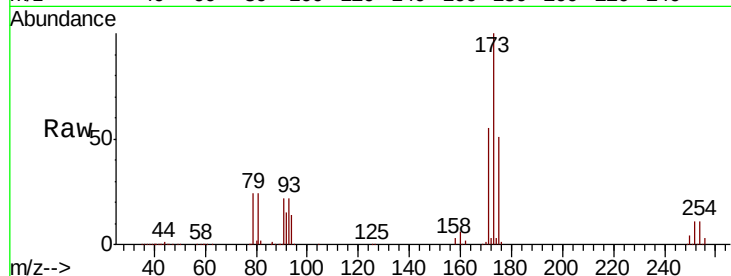
Tot Ion:173 Resp: 64281

Ion Ratio Lower Upper

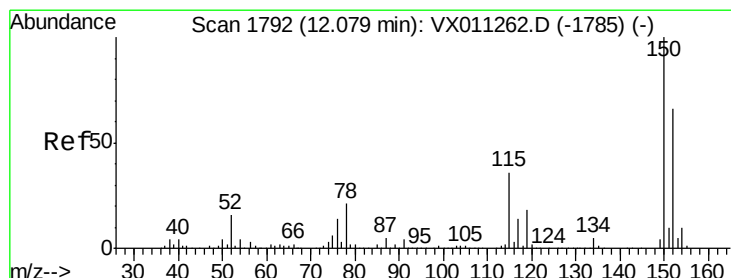
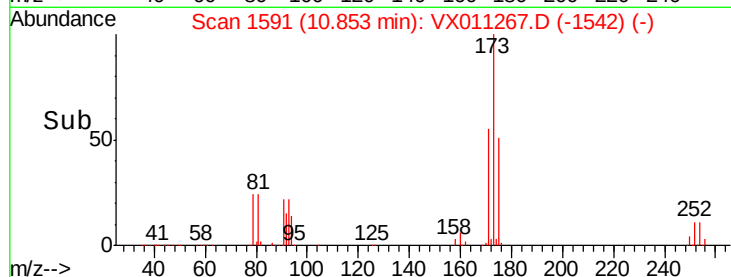
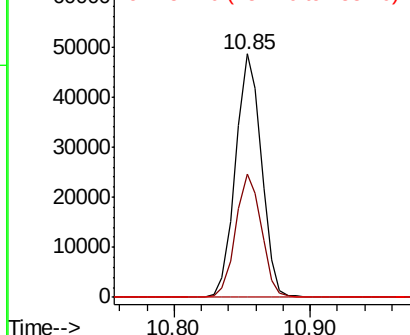
173 100

175 50.5 24.4 73.4

254 0.1 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: VX011267.D

Acq: 01 Aug 2019 18:33

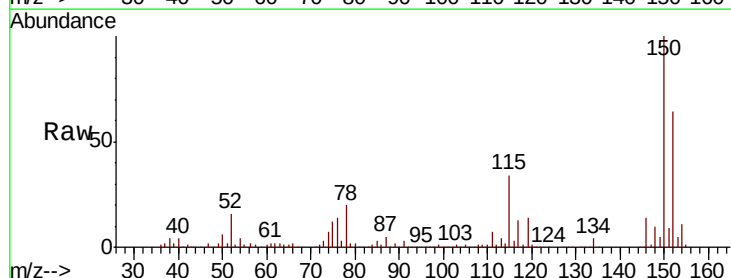
Tgt Ion:152 Resp: 120895

Ion Ratio Lower Upper

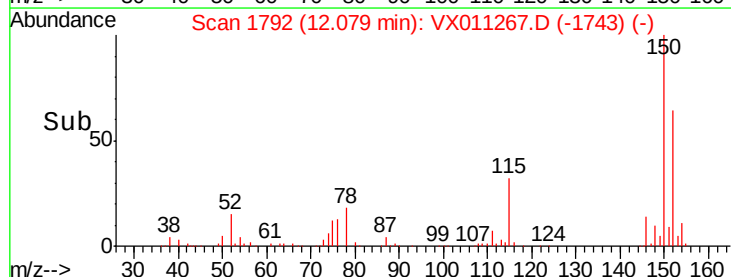
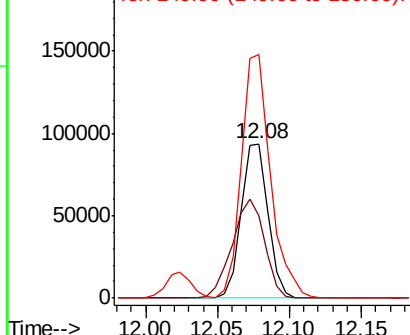
152 100

115 78.2 40.0 119.9

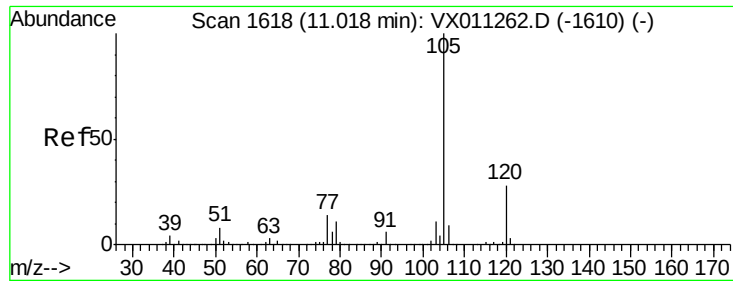
150 171.6 0.0 350.4



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: 47.190 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

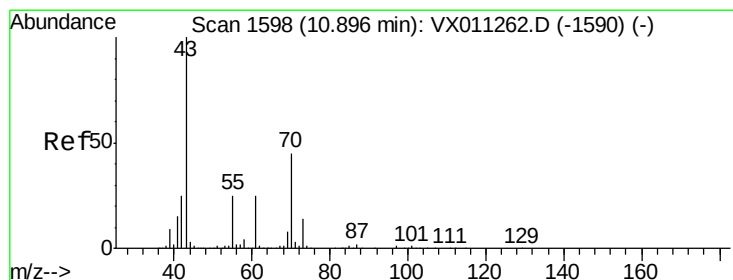
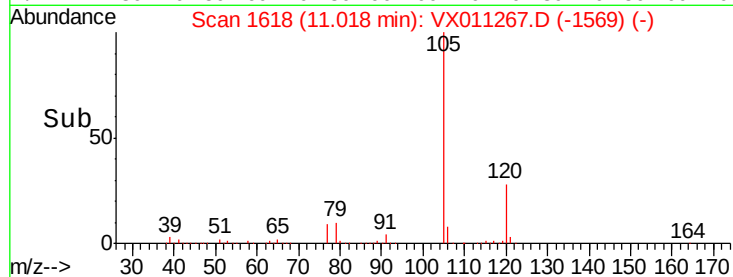
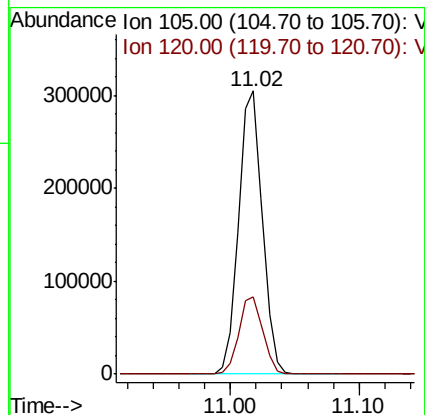
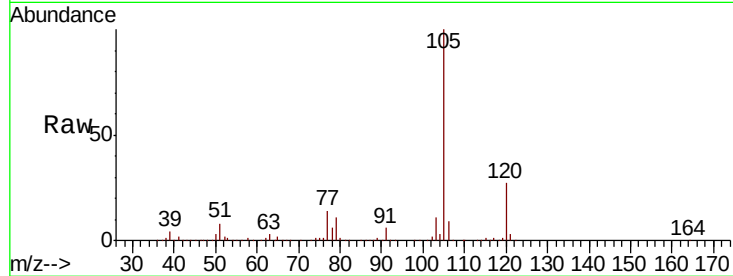
VSTDCCC050

Tot Ion:105 Resp: 390185

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



#74

N-ethyl acetate

Concen: 50.355 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion: 43 Resp: 150440

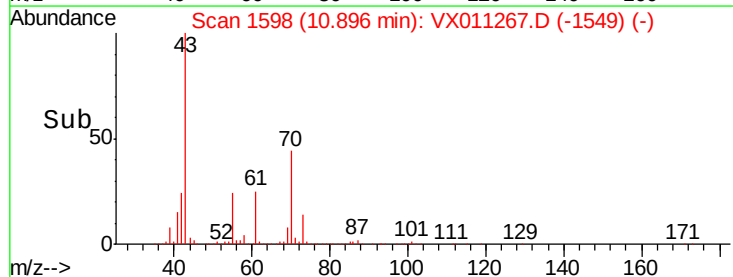
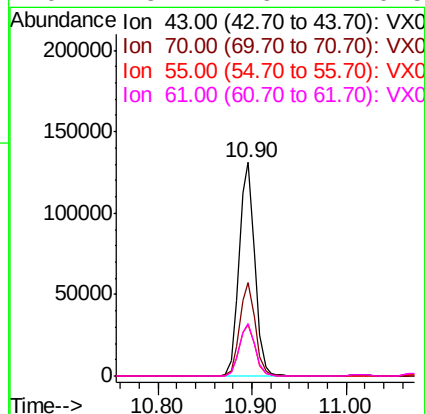
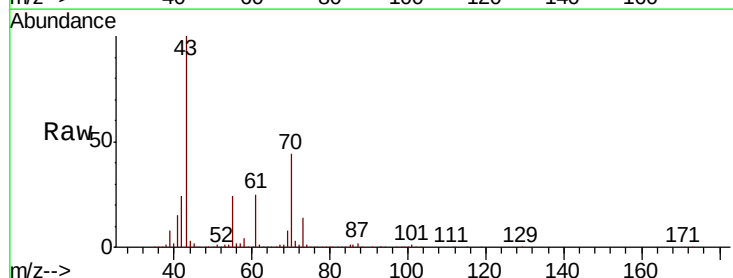
Ion Ratio Lower Upper

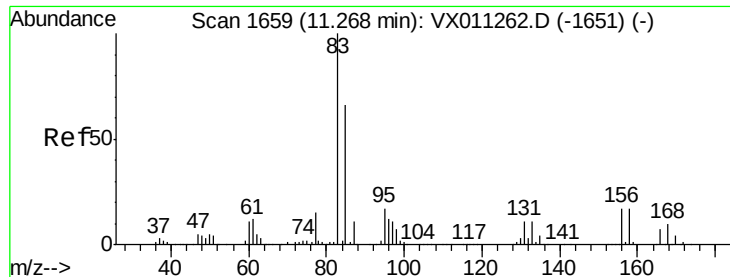
43 100

70 43.5 35.9 53.9

55 24.8 19.8 29.6

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.881 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

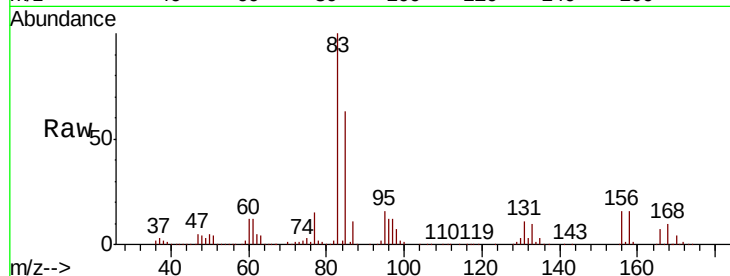
MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 129176

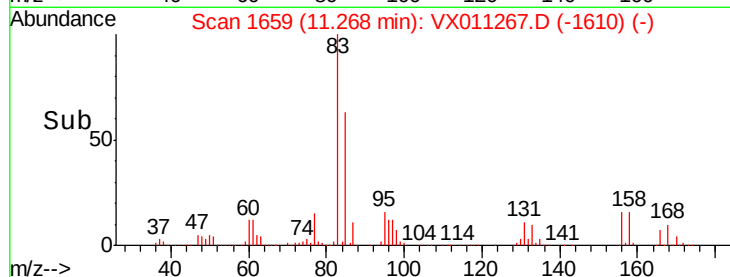
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 11.0  | 5.6   | 16.8  |
| 85  | 64.7  | 32.1  | 96.5  |



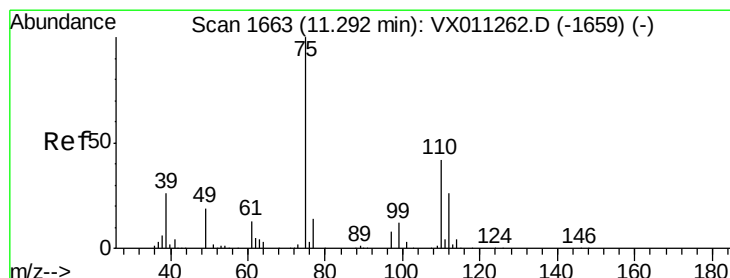
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 63.339 ug/l

RT: 11.29 min Scan# 1663

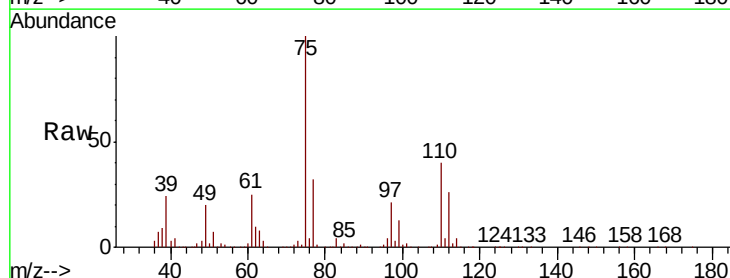
Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

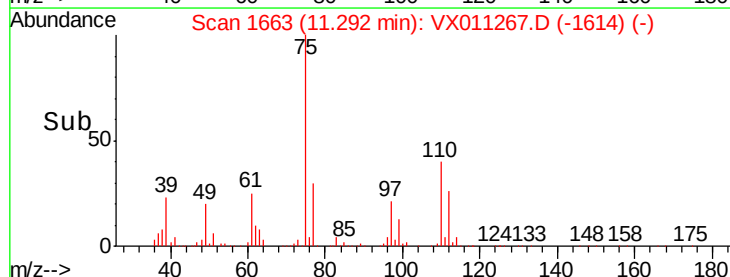
Tgt Ion: 75 Resp: 139450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 32.6  | 21.1  | 63.4  |

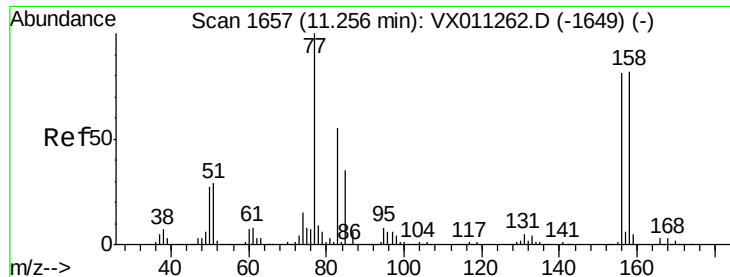


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 46.746 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

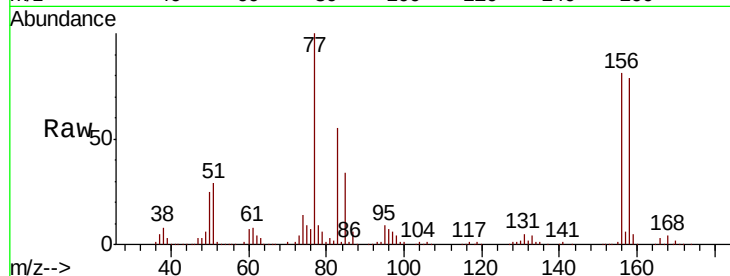
Tot Ion:156 Resp: 107177

Ion Ratio Lower Upper

156 100

77 133.5 66.2 198.6

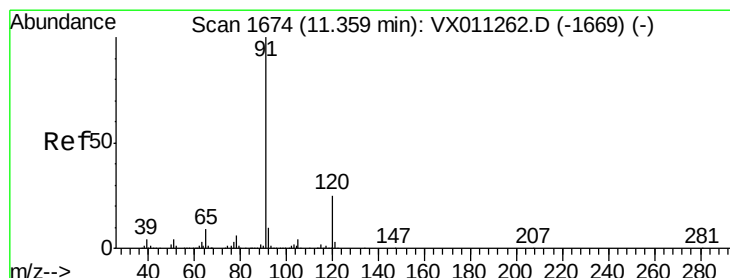
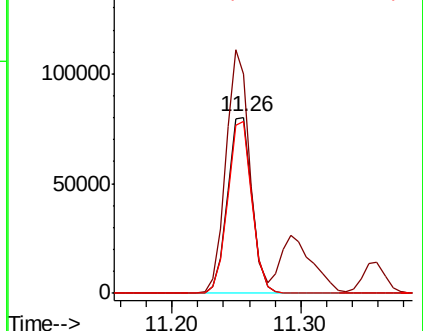
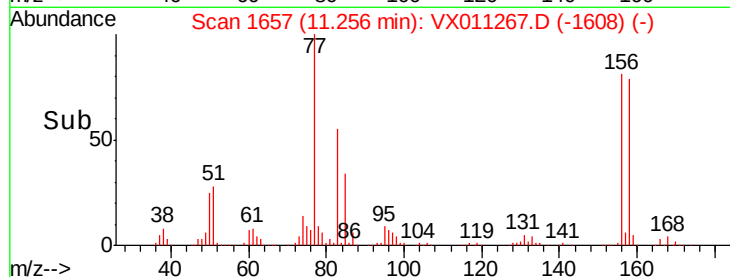
158 96.7 49.1 147.3



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: 47.671 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011267.D

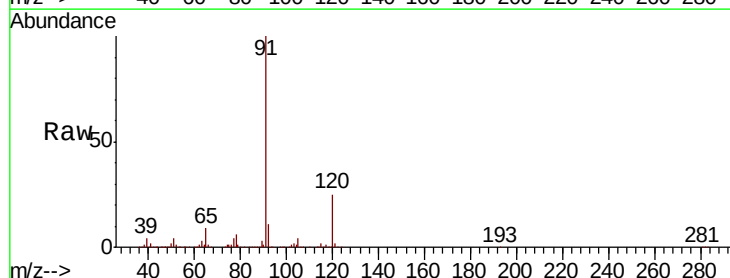
Acq: 01 Aug 2019 18:33

Tgt Ion: 91 Resp: 438333

Ion Ratio Lower Upper

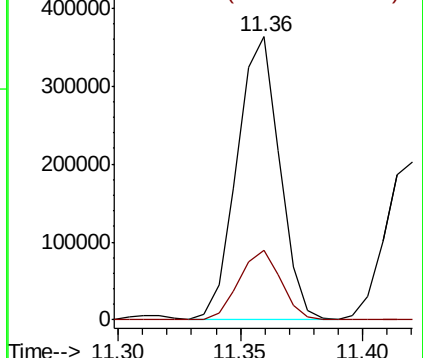
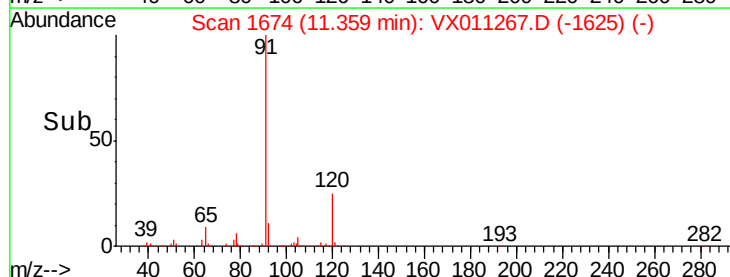
91 100

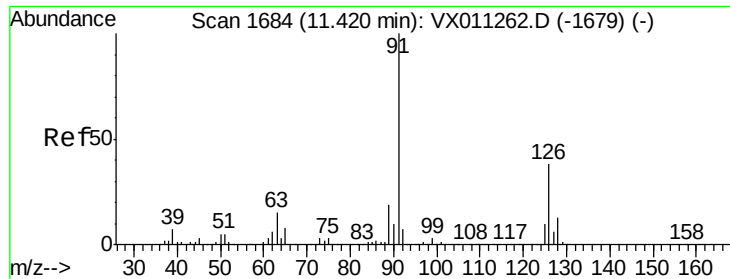
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.590 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

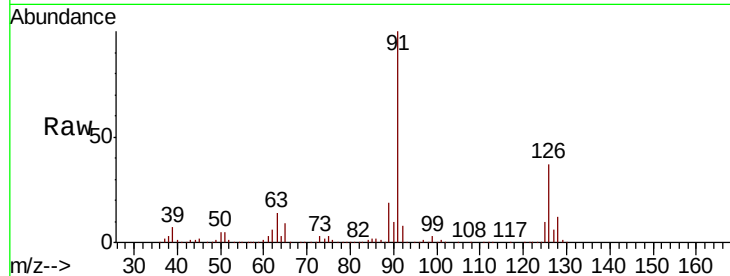
VSTDCCC050

Tot Ion: 91 Resp: 255333

Ion Ratio Lower Upper

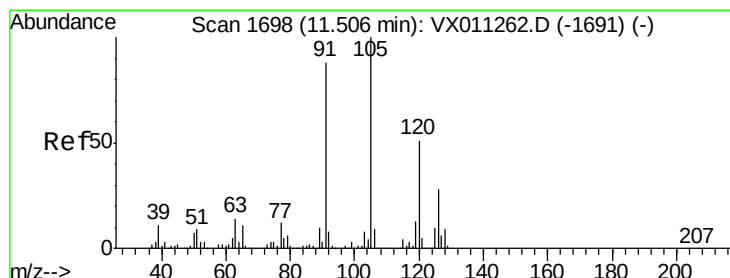
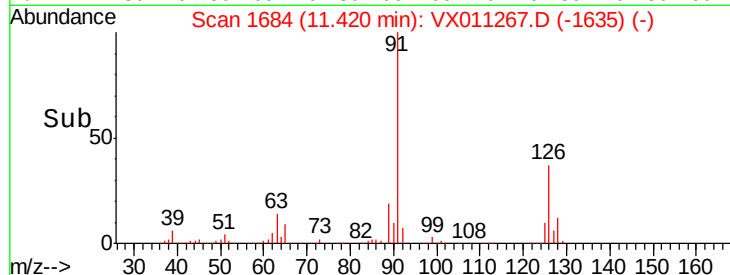
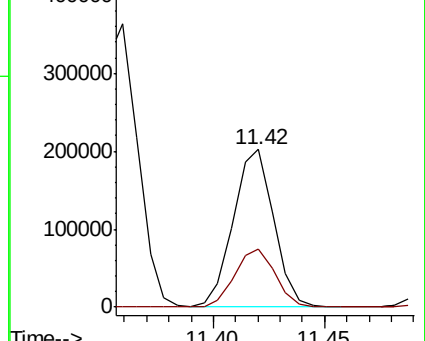
91 100

126 37.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.631 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011267.D

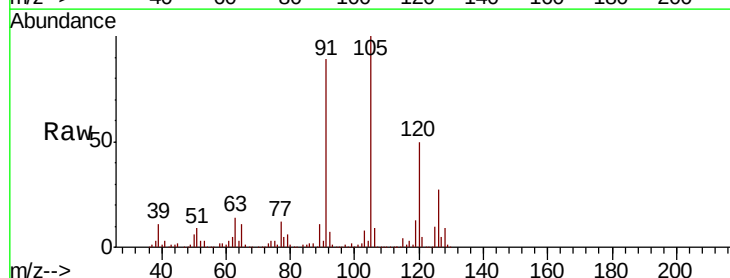
Acq: 01 Aug 2019 18:33

Tgt Ion:105 Resp: 329679

Ion Ratio Lower Upper

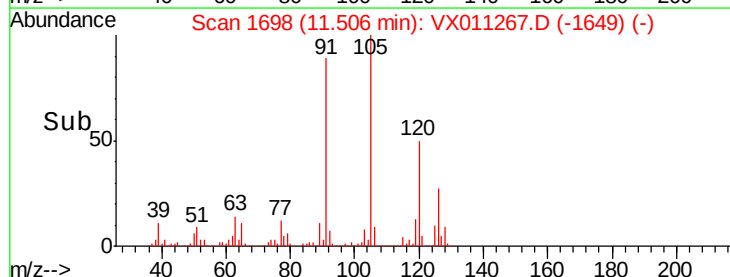
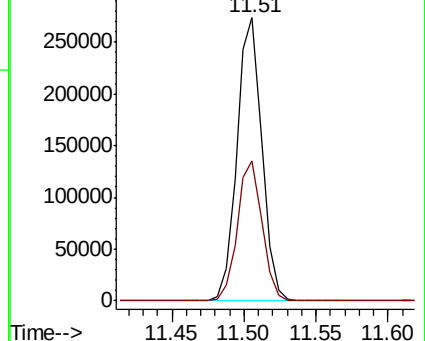
105 100

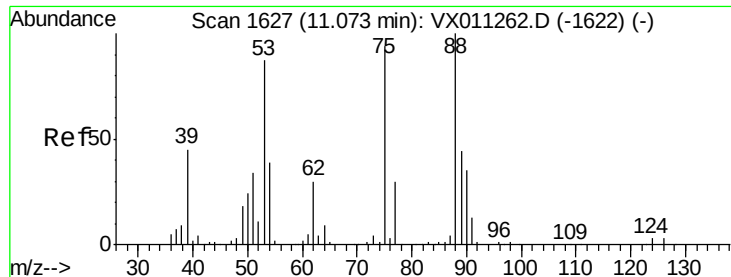
120 49.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

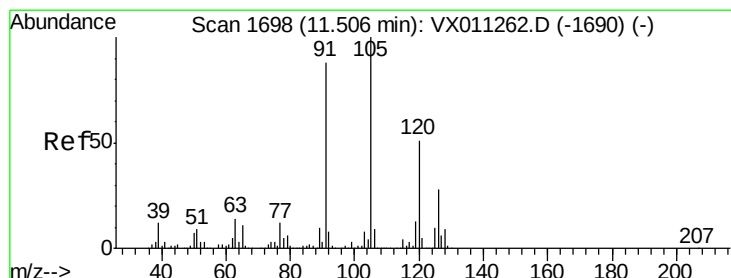
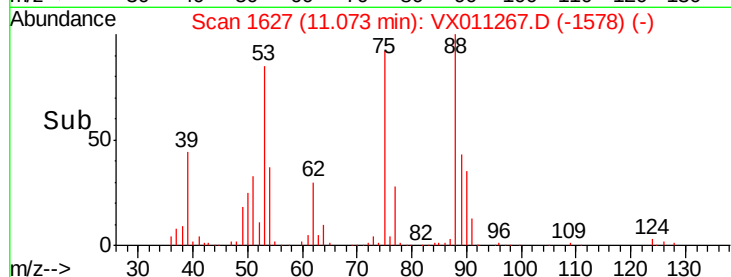
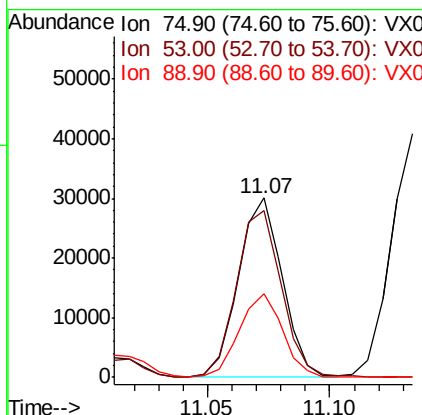
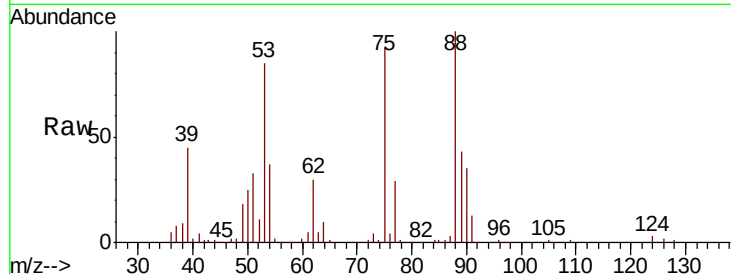




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.629 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

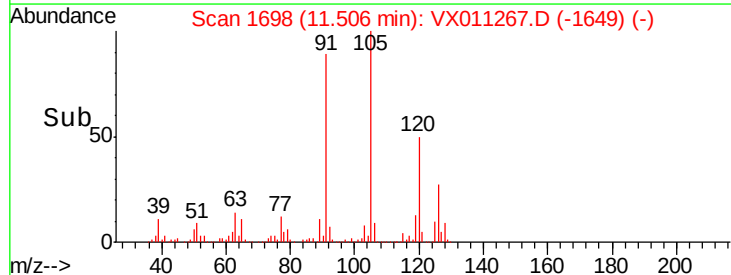
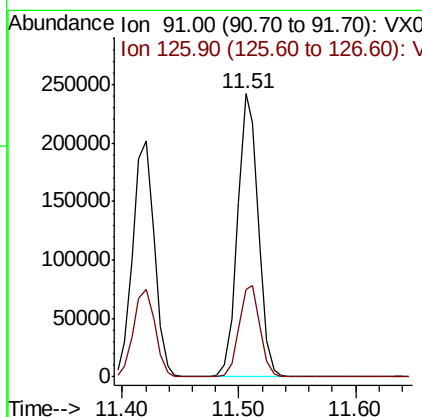
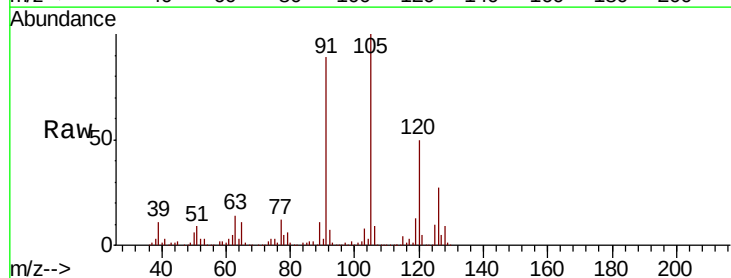
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

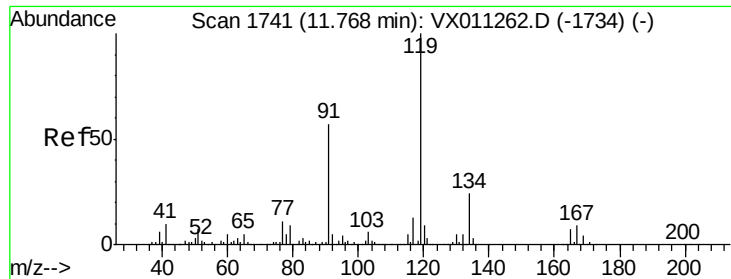
Tot Ion: 75 Resp: 37262  
Ion Ratio Lower Upper  
75 100  
53 95.8 78.2 117.4  
89 46.7 37.9 56.9



#82  
4-Chlorotoluene  
Concen: 46.934 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion: 91 Resp: 299769  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.2

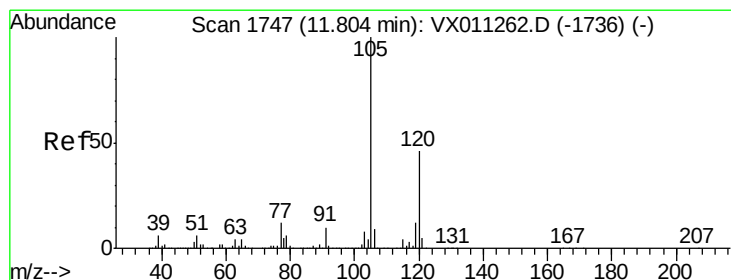
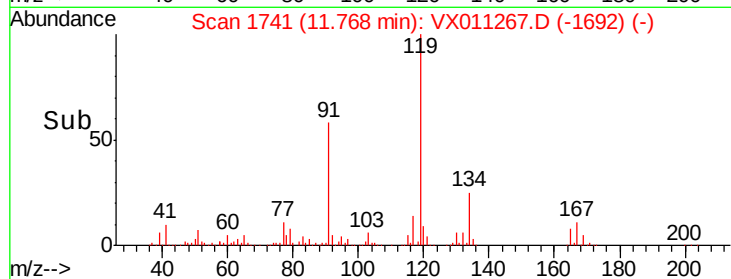
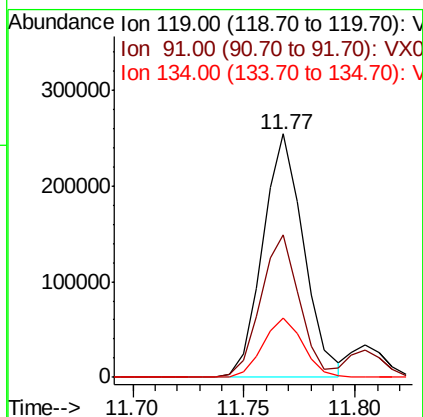
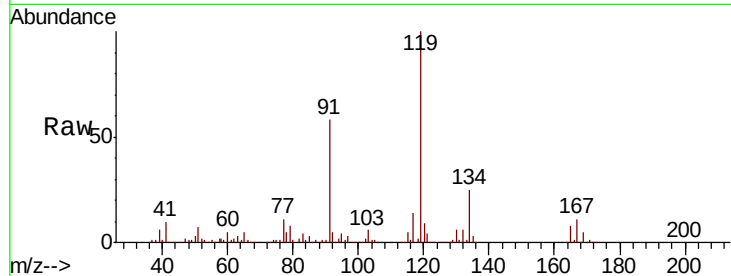




#83  
 tert-Butylbenzene  
 Concen: 47.815 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

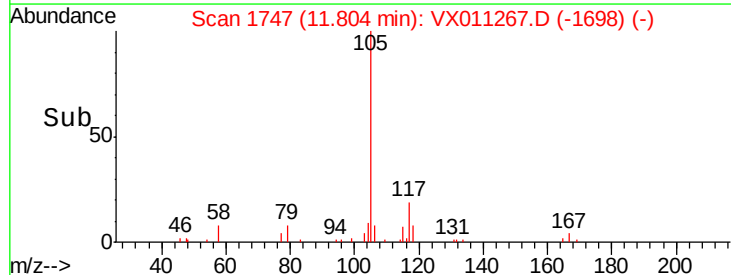
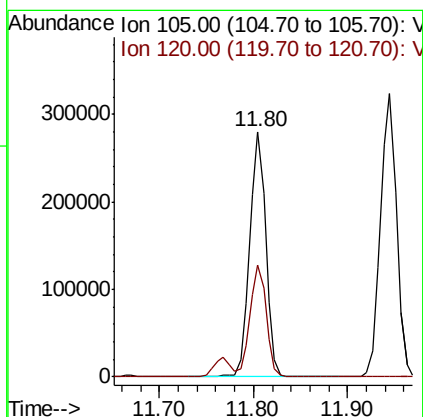
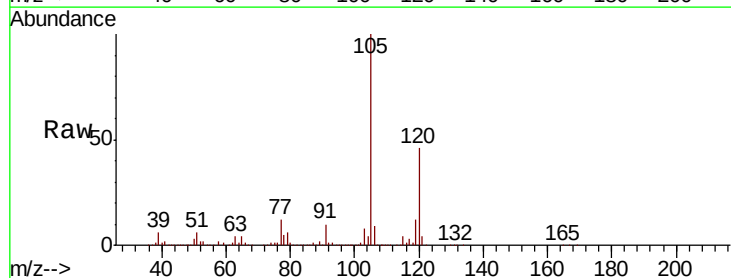
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

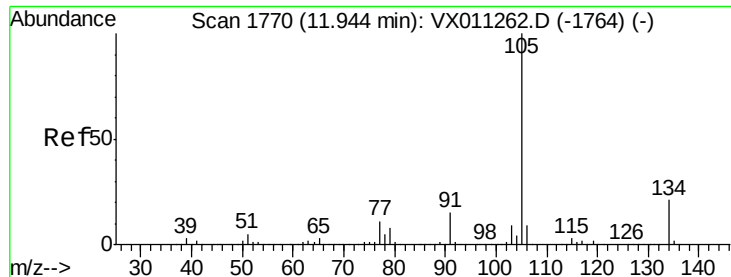
Tot Ion:119 Resp: 324589  
 Ion Ratio Lower Upper  
 119 100  
 91 54.9 28.0 84.0  
 134 23.8 11.9 35.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.735 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion:105 Resp: 335845  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.122 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA\_X

ClientSampleId :

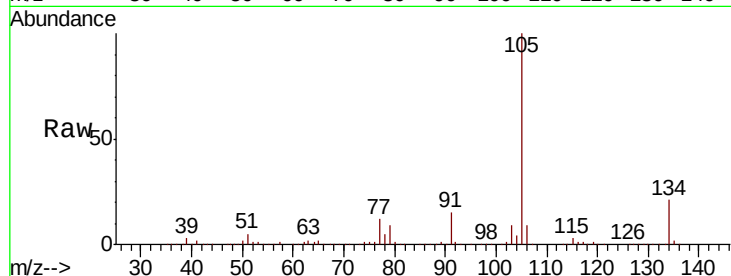
VSTDCCC050

Tot Ion:105 Resp: 384326

Ion Ratio Lower Upper

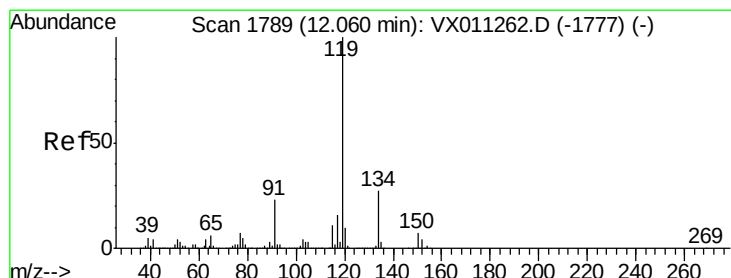
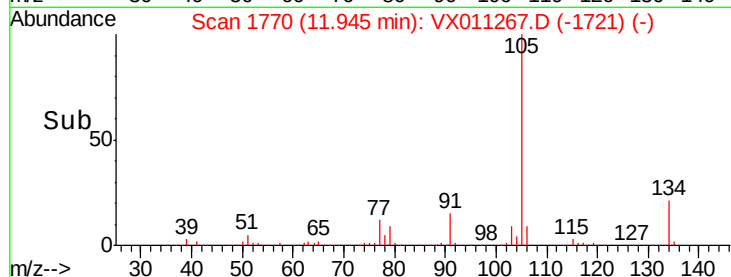
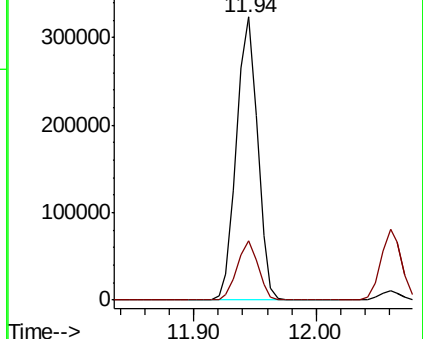
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.118 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

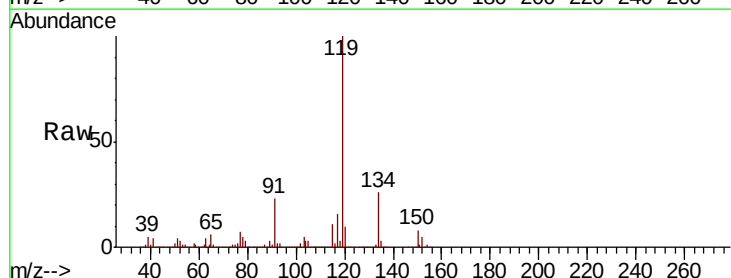
Tgt Ion:119 Resp: 361042

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

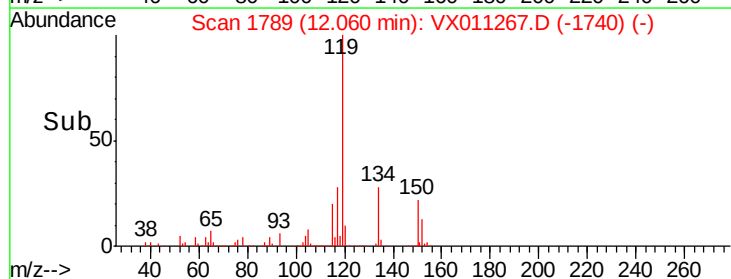
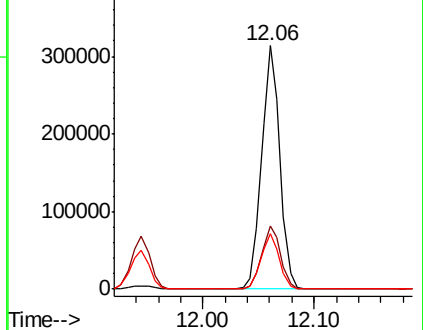
91 22.8 11.4 34.2

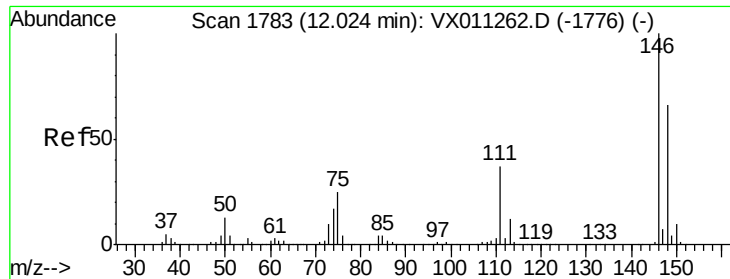


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

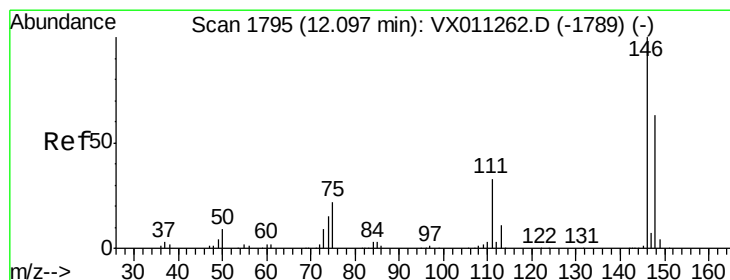
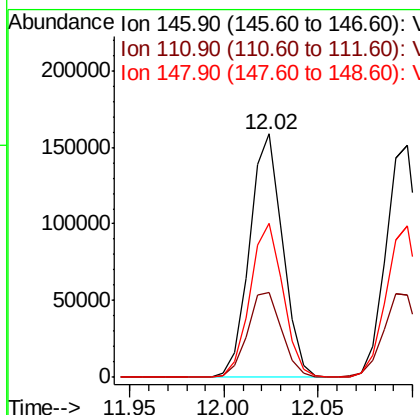
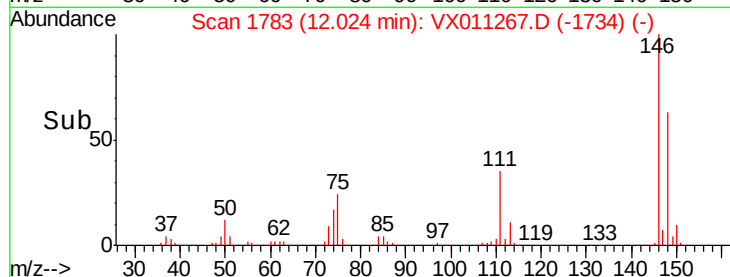
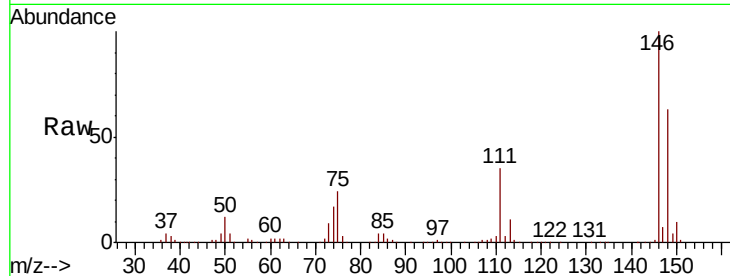




#87  
 1,3-Dichlorobenzene  
 Concen: 47.625 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

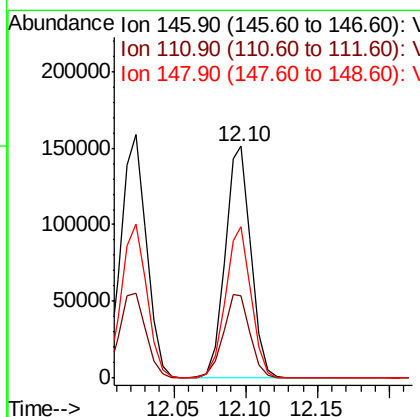
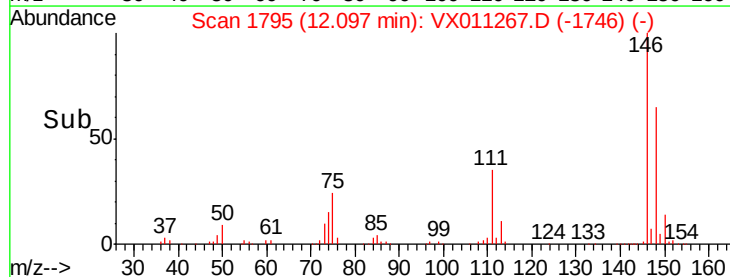
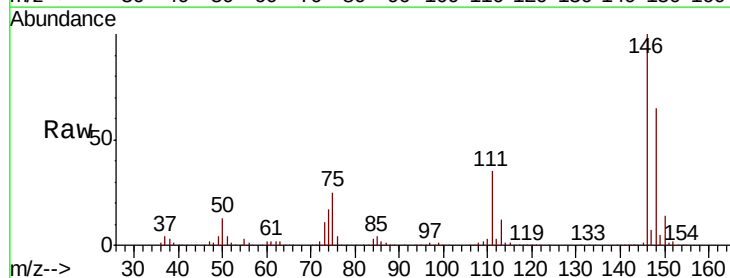
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 192934  
 Ion Ratio Lower Upper  
 146 100  
 111 36.7 18.6 55.8  
 148 63.0 32.5 97.5

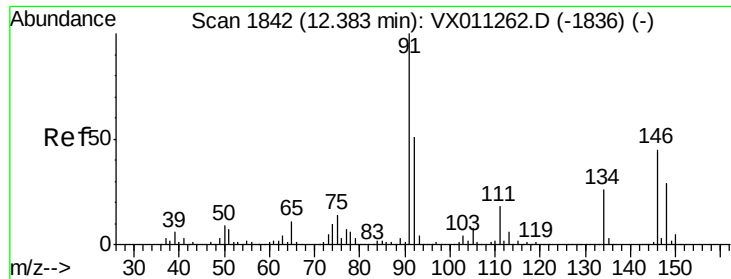


#88  
 1,4-Dichlorobenzene  
 Concen: 45.411 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion:146 Resp: 189699  
 Ion Ratio Lower Upper  
 146 100  
 111 37.5 17.8 53.4  
 148 65.0 31.8 95.3



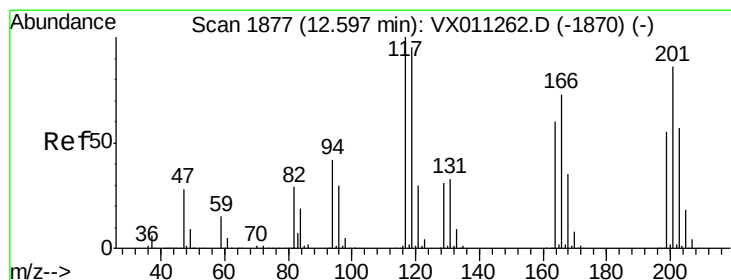
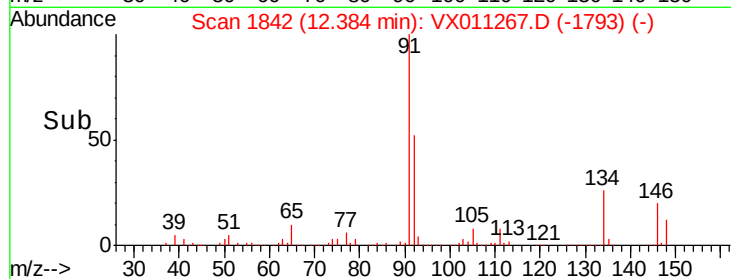
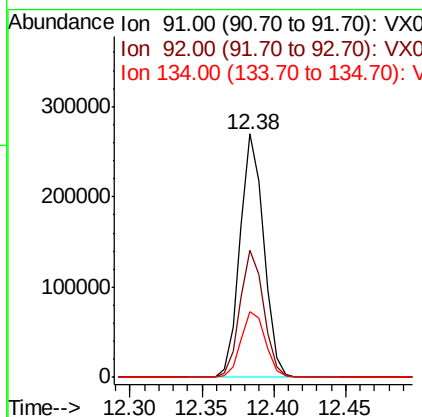
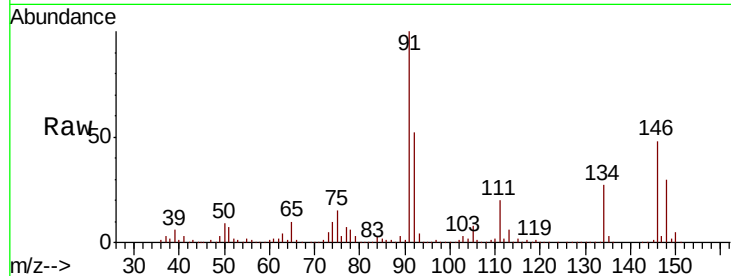




#89  
n-Butylbenzene  
Concen: 47.764 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

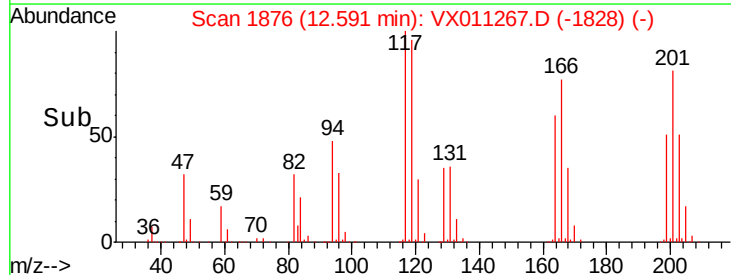
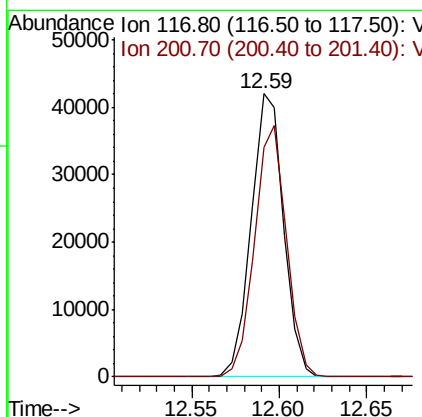
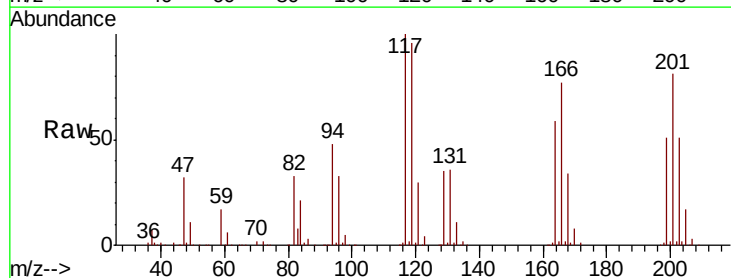
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

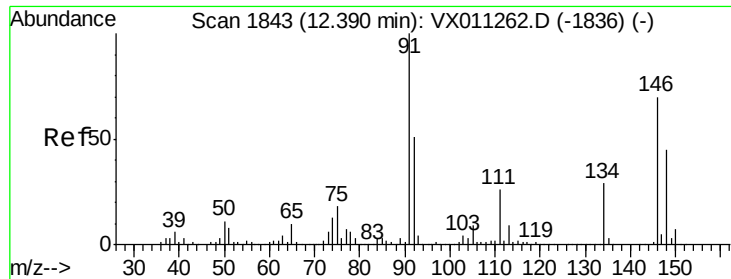
Tot Ion: 91 Resp: 308760  
Ion Ratio Lower Upper  
91 100  
92 52.3 25.8 77.3  
134 27.8 13.7 41.0



#90  
Hexachloroethane  
Concen: 49.077 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion: 117 Resp: 54441  
Ion Ratio Lower Upper  
117 100  
201 87.4 41.8 125.4

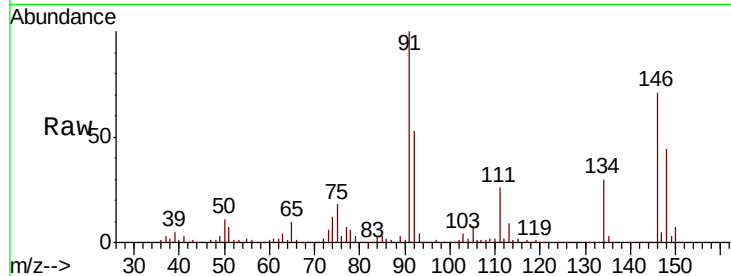




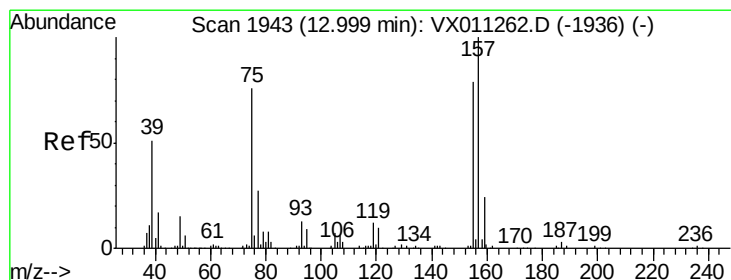
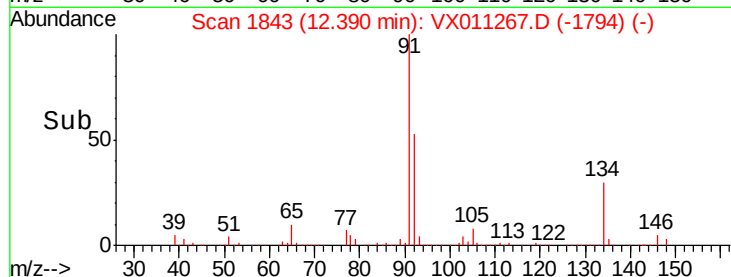
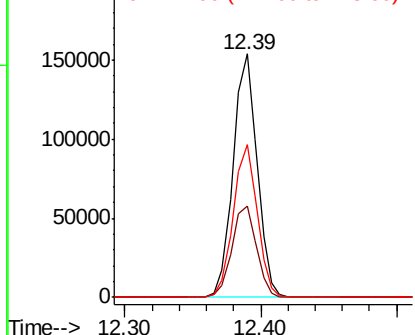
#91  
 1,2-Dichlorobenzene  
 Concen: 46.340 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 188627  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 19.1 57.1  
 148 62.8 32.3 96.8

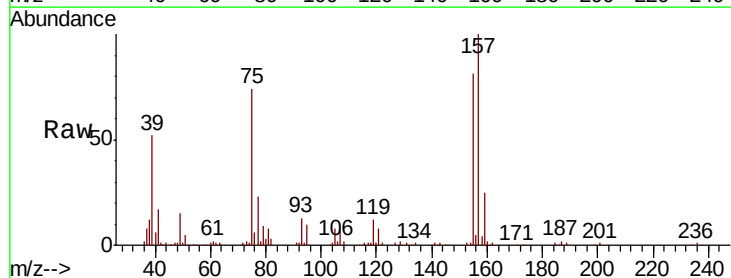


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

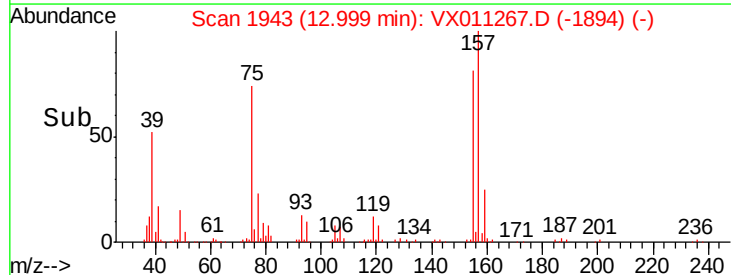
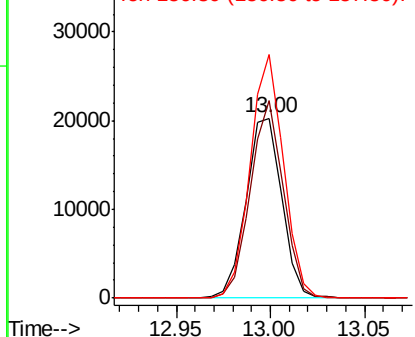


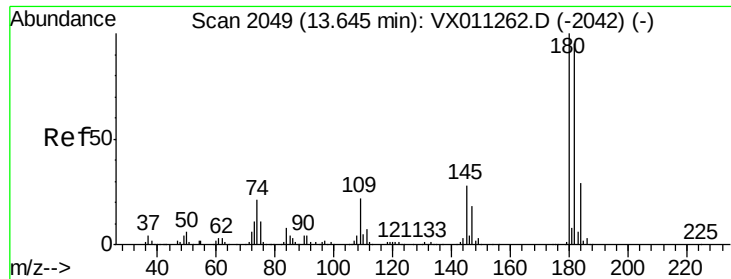
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.034 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

Tgt Ion: 75 Resp: 26710  
 Ion Ratio Lower Upper  
 75 100  
 155 101.4 51.9 155.8  
 157 126.3 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

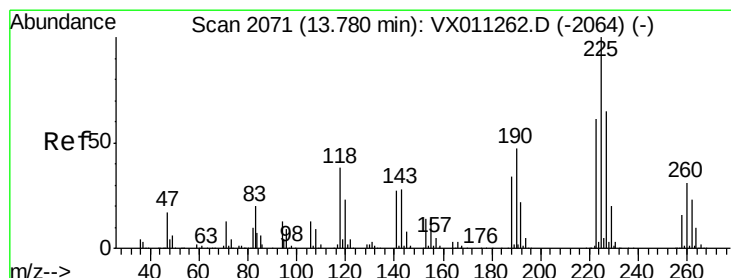
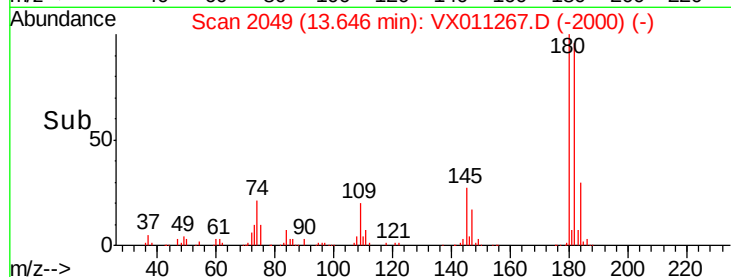
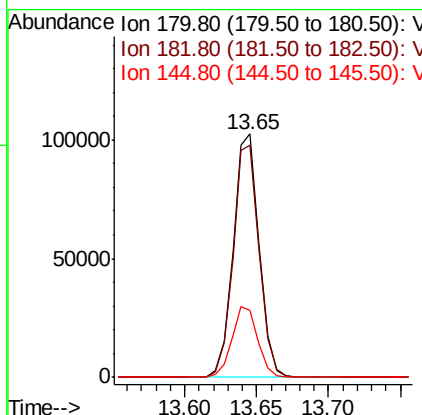
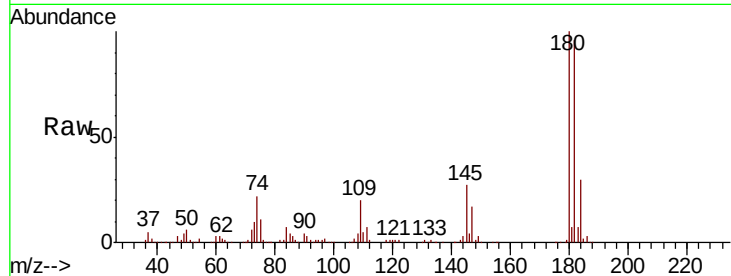




#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.375 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

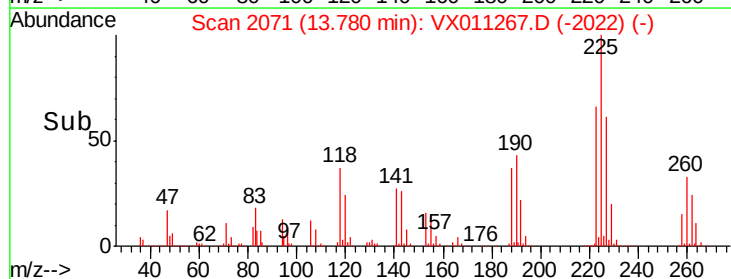
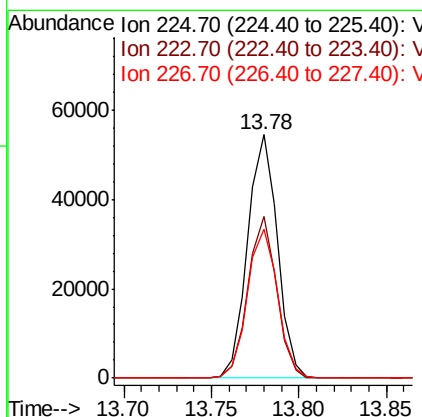
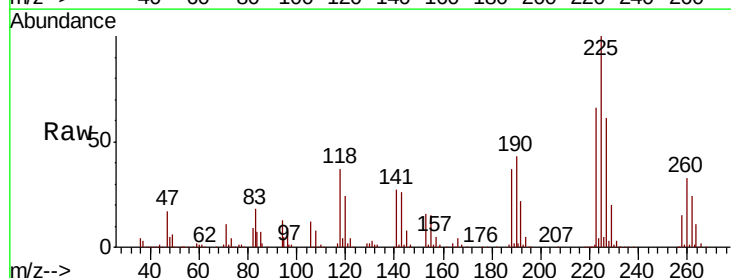
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

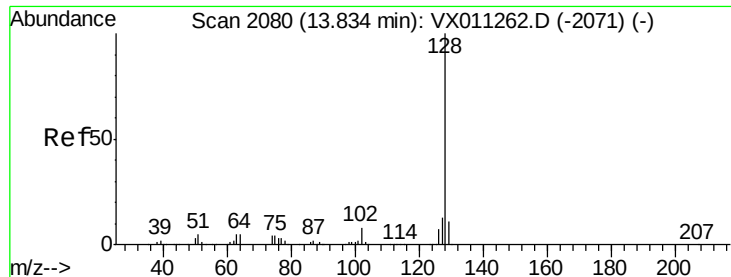
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 47.8  | 143.4 |
| 145     | 29.1  | 14.8  | 44.3  |



#94  
 Hexachlorobutadiene  
 Concen: 47.137 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX011267.D  
 Acq: 01 Aug 2019 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.9  | 31.0  | 93.0  |
| 227     | 62.3  | 32.2  | 96.6  |

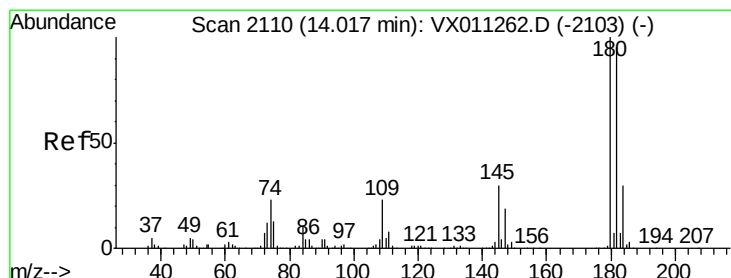
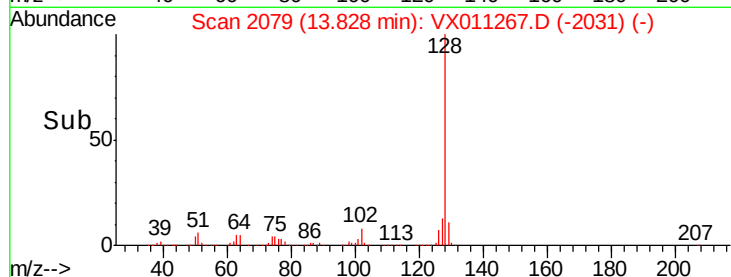
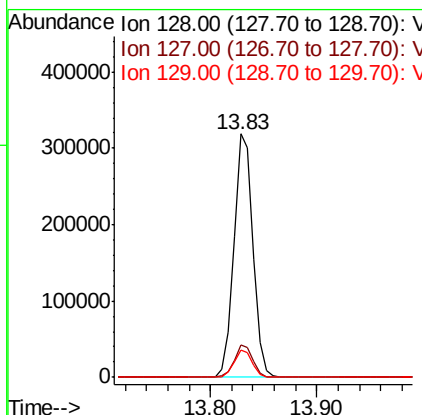
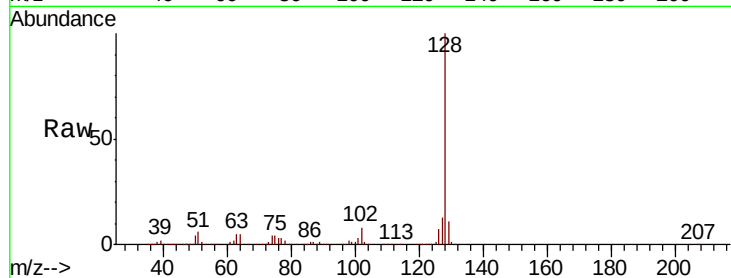




#95  
Naphthalene  
Concen: 50.461 ug/l  
RT: 13.83 min Scan# 2079  
Delta R.T. -0.01 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 398348  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 10.9 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 46.694 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX011267.D  
Acq: 01 Aug 2019 18:33

Tgt Ion:180 Resp: 128144  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.4 142.3  
145 30.8 15.2 45.6

