

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\  
 Data File : VX011017.D  
 Acq On : 19 Jul 2019 20:55  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 20 01:06:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 17 06:57:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 236394   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 356165   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 324982   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 173662   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 125834   | 50.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.08% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 111360   | 49.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.52%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 418298   | 49.33 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.66%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 160412   | 51.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.94% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 119248   | 47.337  | ug/l  | 99     |
| 3) Chloromethane              | 1.32 | 50   | 102432   | 47.120  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.41 | 62   | 107681   | 48.563  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 50084    | 40.082  | ug/l  | 99     |
| 6) Chloroethane               | 1.71 | 64   | 65805    | 46.700  | ug/l  | 94     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 181414   | 48.333  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.19 | 74   | 61599    | 47.632  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 102435   | 47.798  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 118080   | 41.986  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 3.06 | 59   | 142553   | 243.393 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 101691   | 48.295  | ug/l  | 99     |
| 13) Acrolein                  | 2.29 | 56   | 72562    | 214.432 | ug/l  | 98     |
| 14) Allyl chloride            | 2.73 | 41   | 146022   | 47.743  | ug/l  | 100    |
| 15) Acrylonitrile             | 3.14 | 53   | 293329   | 247.849 | ug/l  | 100    |
| 16) Acetone                   | 2.45 | 43   | 250843   | 220.844 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.57 | 76   | 236281   | 43.746  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 127498   | 49.297  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 340169   | 50.184  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.85 | 84   | 115280   | 47.892  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 107167   | 47.967  | ug/l  | 93     |
| 22) Diisopropyl ether         | 3.86 | 45   | 315812   | 48.959  | ug/l  | 90     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1375005  | 251.578 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 181697   | 48.502  | ug/l  | 99     |
| 25) 2-Butanone                | 4.68 | 43   | 407066   | 249.660 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 130457   | 42.412  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 124756   | 48.249  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.02 | 49   | 79044    | 44.776  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 262278   | 253.946 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 195831   | 48.363  | ug/l  | 100    |
| 31) Cyclohexane               | 5.58 | 56   | 158900   | 46.535  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 173195   | 49.439  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 139839   | 47.799  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.84 | 43   | 151552   | 50.590  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 150055   | 49.222  | ug/l  | 94     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jul 20 01:06:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 17 06:57:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 178155   | 46.958  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 431472   | 48.146  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.04  | 41   | 82337    | 48.417  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 153108   | 49.137  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 246224   | 49.986  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 124264   | 46.845  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 110313   | 48.364  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 79025    | 48.486  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 144376   | 49.763  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 121189   | 50.503  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 64855    | 966.210 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 823826   | 258.001 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 281238   | 47.771  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 155724   | 49.918  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 171505   | 49.406  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 119321   | 49.225  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 186457   | 52.586  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 187886   | 48.860  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 424596   | 250.854 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 644846   | 260.372 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 127545   | 45.936  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 127911   | 49.722  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 121851   | 47.662  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 317863   | 47.621  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 119036   | 50.742  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 561451   | 49.417  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 432745   | 99.296  | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 210091   | 49.394  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 359988   | 50.772  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 95102    | 44.803  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 566940   | 48.315  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 228946   | 51.063  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 188166   | 49.000  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 204855   | 65.369  | ug/l   | 82       |
| 77) Bromobenzene               | 11.26 | 156  | 154574   | 47.756  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 638520   | 49.248  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 375186   | 48.171  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 484652   | 49.428  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 52084    | 42.736  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 445223   | 49.114  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 471919   | 48.999  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 489985   | 49.580  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 565005   | 50.066  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 519756   | 49.818  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 271584   | 48.350  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 271606   | 47.146  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 446285   | 49.999  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 80866    | 49.141  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 268342   | 48.203  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 41186    | 51.309  | ug/l   | 98       |

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Acq On : 19 Jul 2019 20:55  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

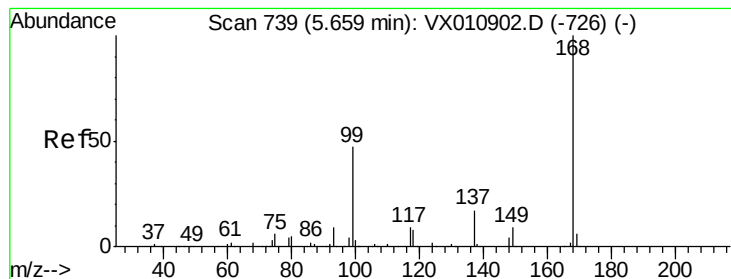
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jul 20 01:06:55 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 17 06:57:45 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 184704   | 48.957 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 88567    | 47.372 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 573540   | 51.481 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 184687   | 49.199 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

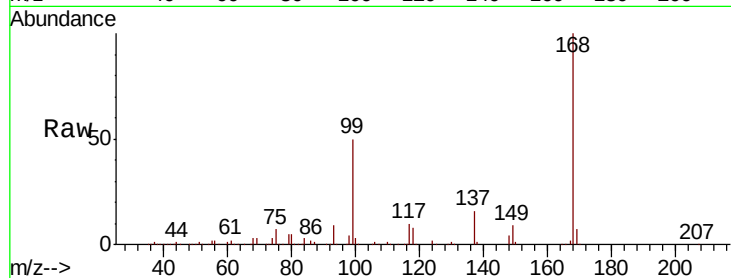
VSTDCCC050EC

Tot Ion:168 Resp: 236394

Ion Ratio Lower Upper

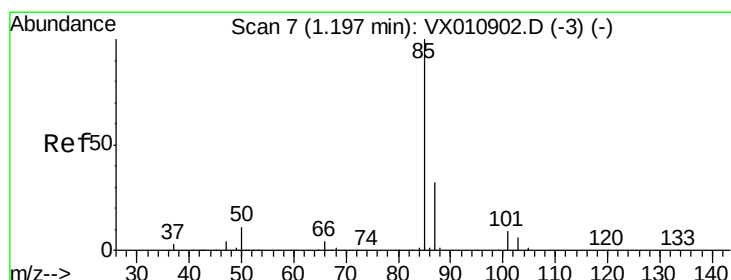
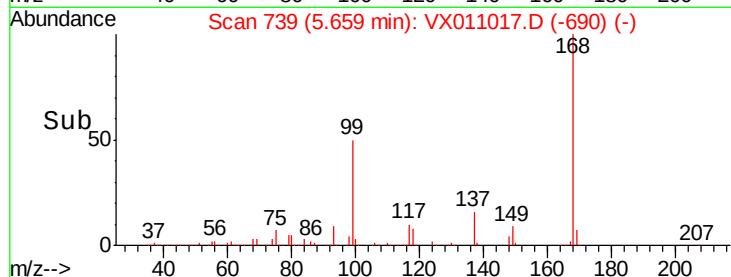
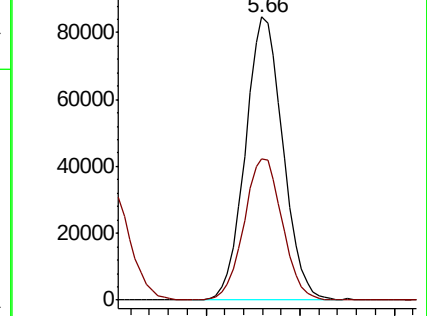
168 100

99 49.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.337 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011017.D

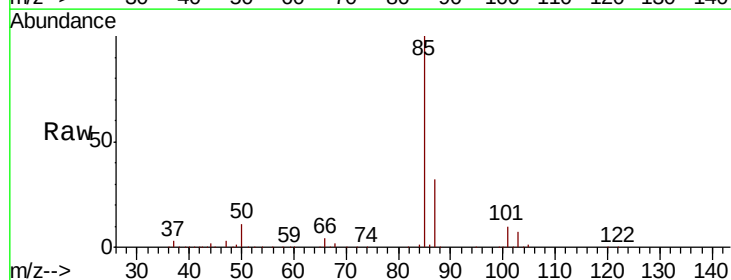
Acq: 19 Jul 2019 20:55

Tgt Ion: 85 Resp: 119248

Ion Ratio Lower Upper

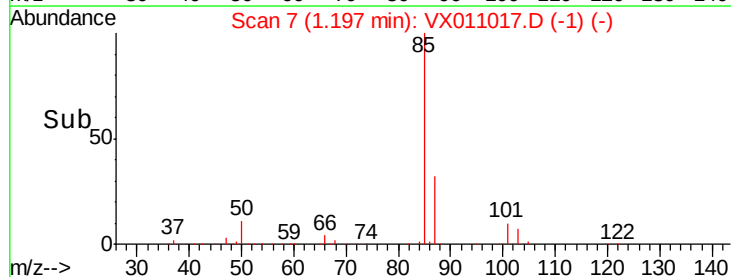
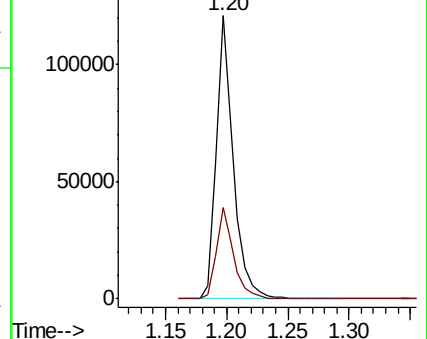
85 100

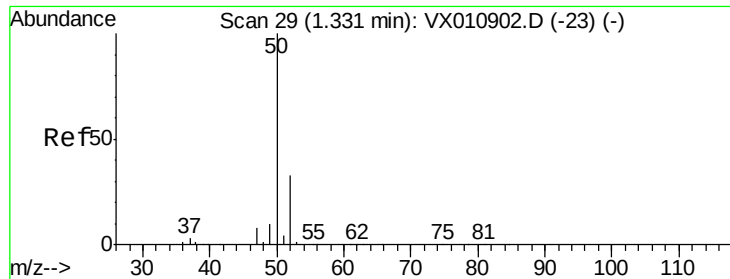
87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.120 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

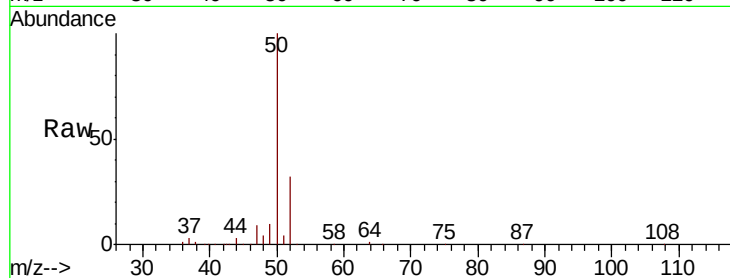
VSTDCCC050EC

Tot Ion: 50 Resp: 102432

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

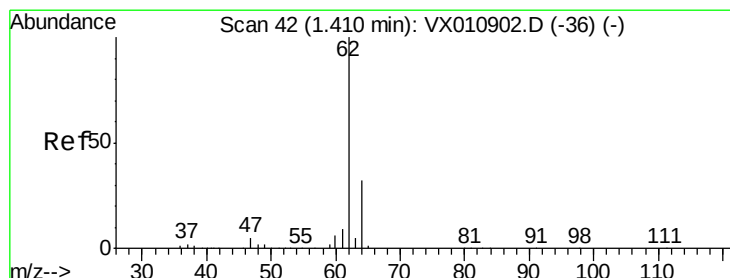
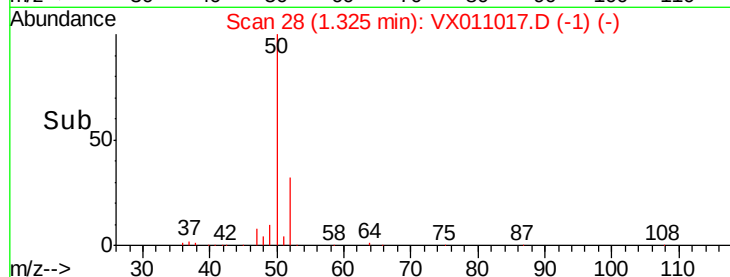
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 48.563 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011017.D

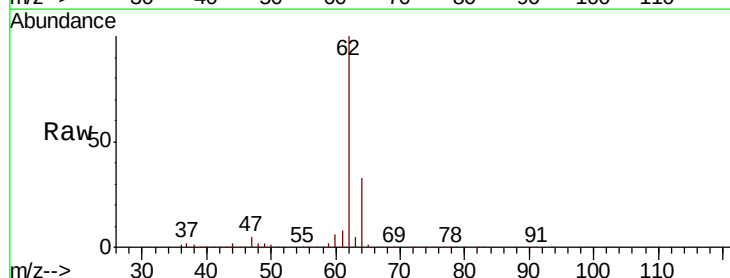
Acq: 19 Jul 2019 20:55

Tgt Ion: 62 Resp: 107681

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

120000

100000

80000

60000

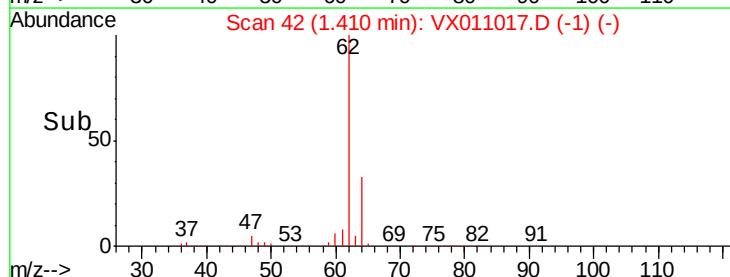
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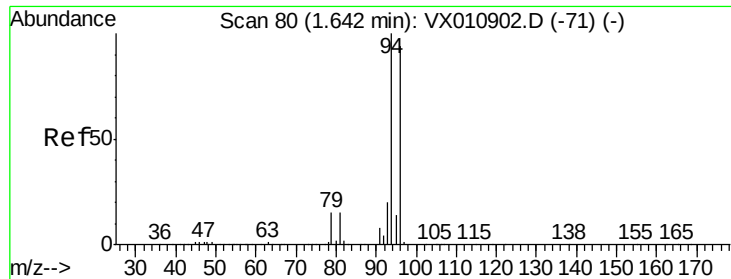
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0

1.30 1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 40.082 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

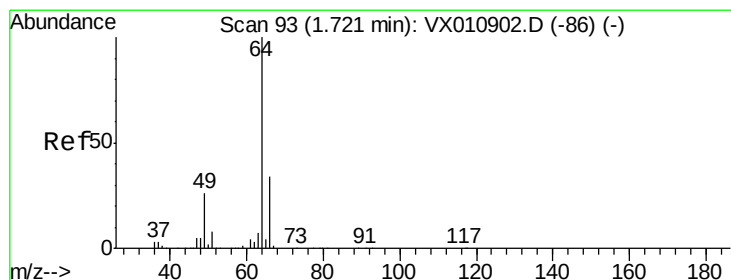
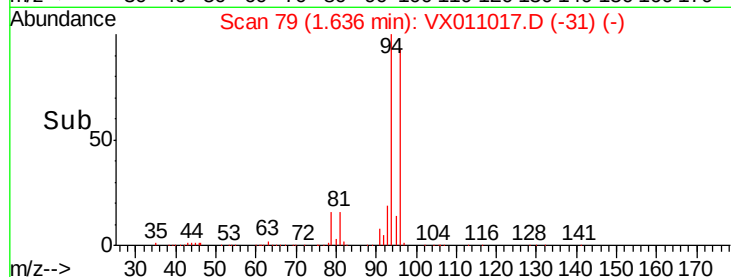
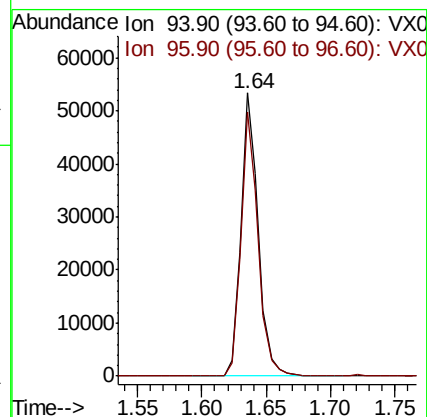
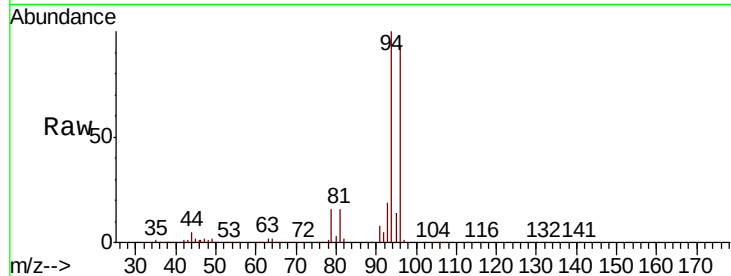
VSTDCCC050EC

Tot Ion: 94 Resp: 50084

Ion Ratio Lower Upper

94 100

96 93.3 75.6 113.4



#6

Chloroethane

Concen: 46.700 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011017.D

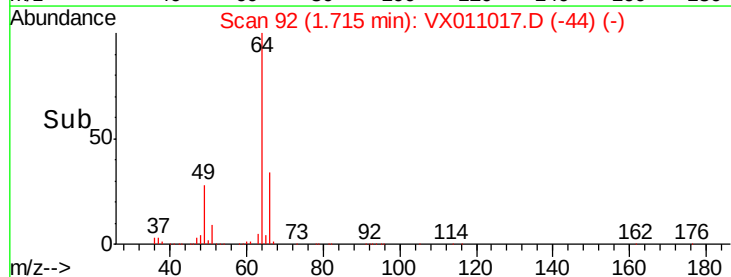
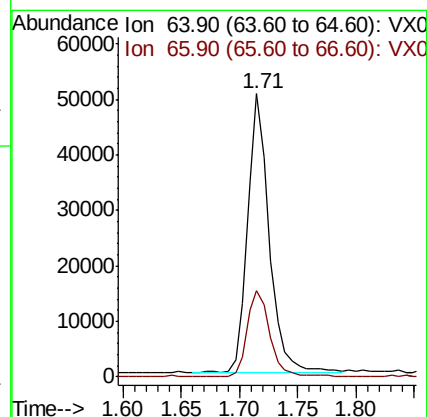
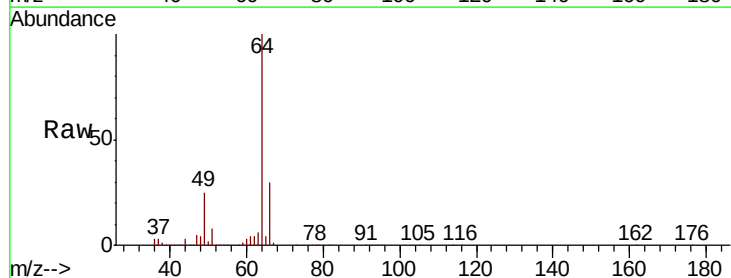
Acq: 19 Jul 2019 20:55

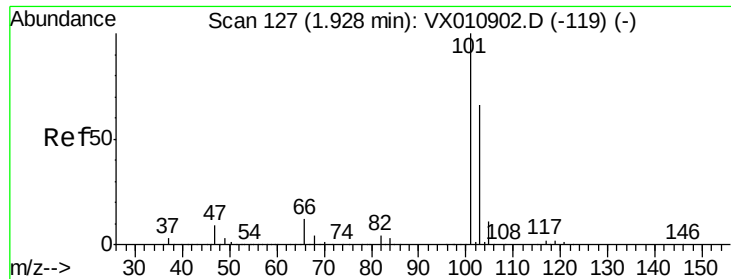
Tgt Ion: 64 Resp: 65805

Ion Ratio Lower Upper

64 100

66 30.5 27.0 40.6



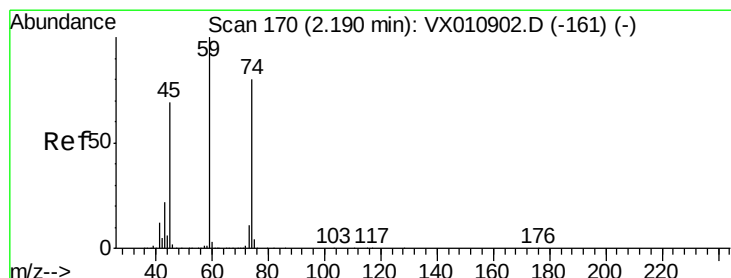
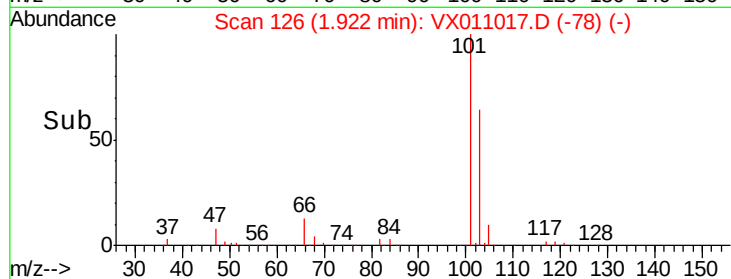
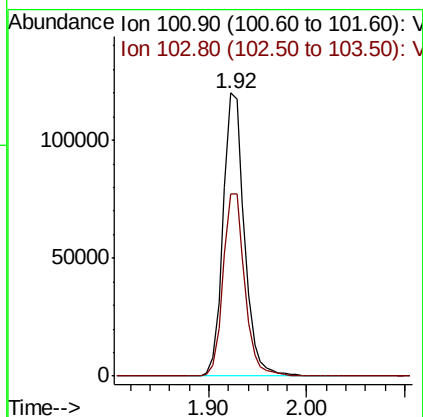
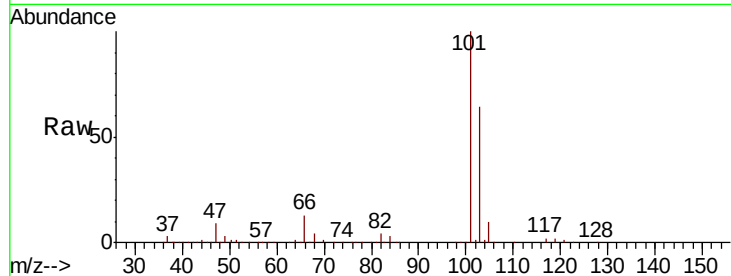


#7

Trichlorofluoromethane  
Concen: 48.333 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.01 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

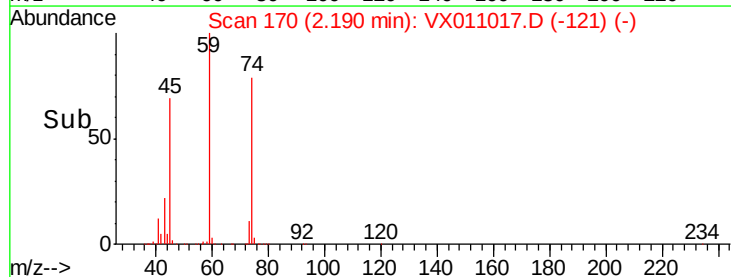
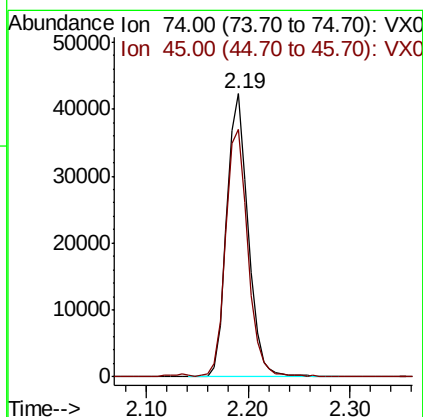
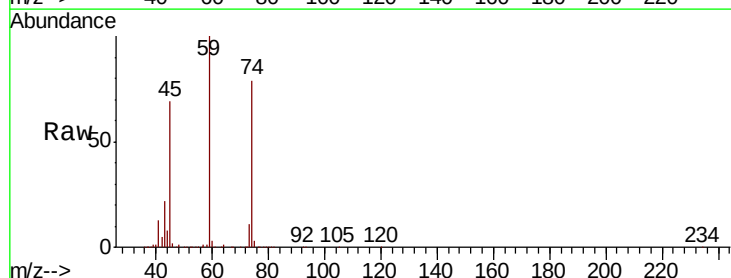
Tot Ion:101 Resp: 181414  
Ion Ratio Lower Upper  
101 100  
103 64.3 52.6 78.8



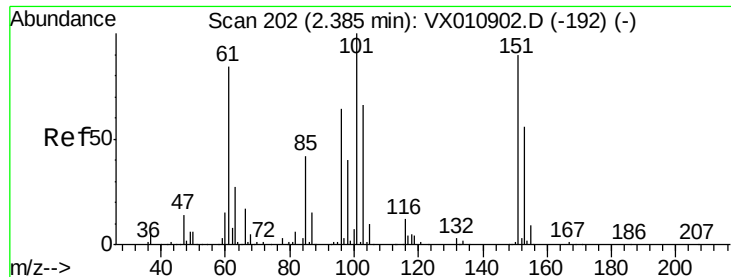
#8

Diethyl Ether  
Concen: 47.632 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 74 Resp: 61599  
Ion Ratio Lower Upper  
74 100  
45 89.7 45.5 136.5







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.798 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

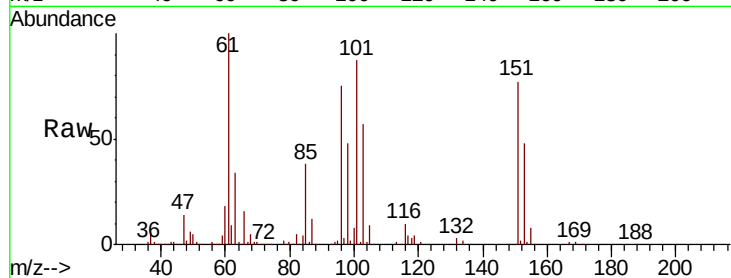
Tot Ion:101 Resp: 102435

Ion Ratio Lower Upper

101 100

85 42.7 34.6 52.0

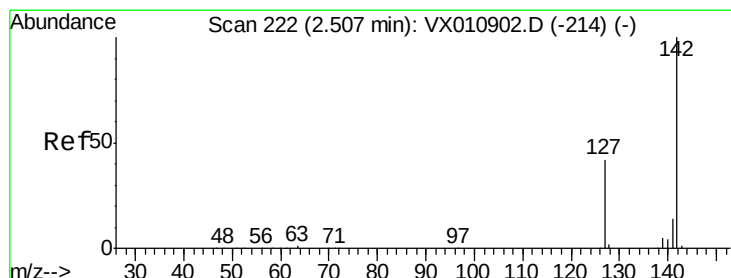
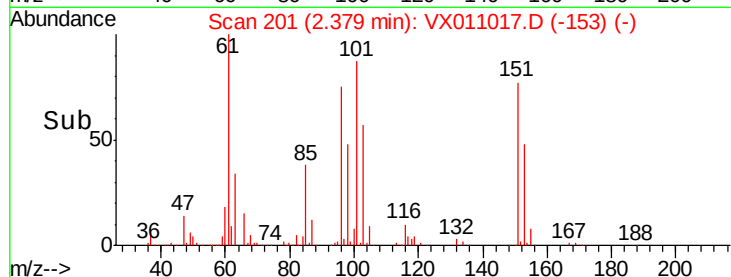
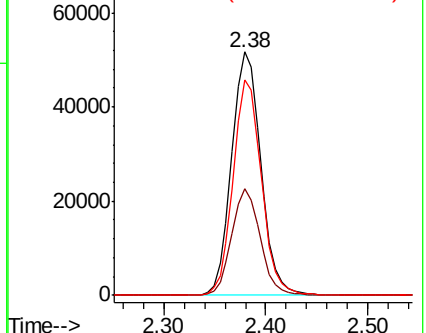
151 85.9 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.986 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

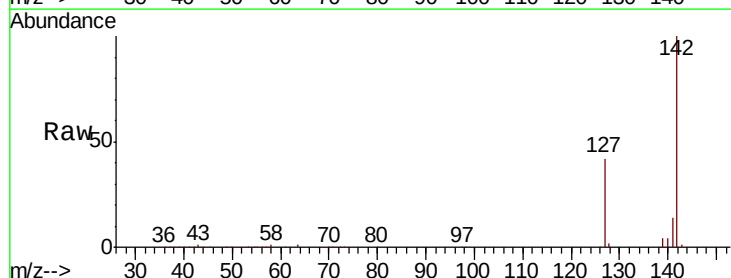
Tgt Ion:142 Resp: 118080

Ion Ratio Lower Upper

142 100

127 42.8 34.2 51.4

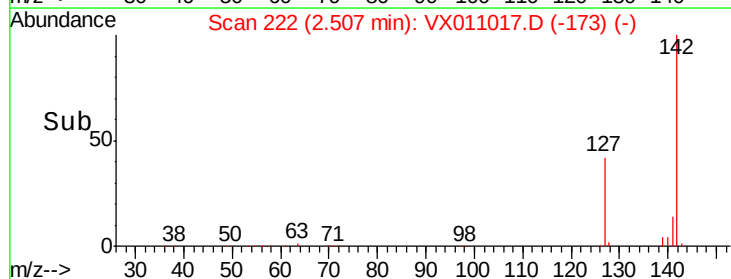
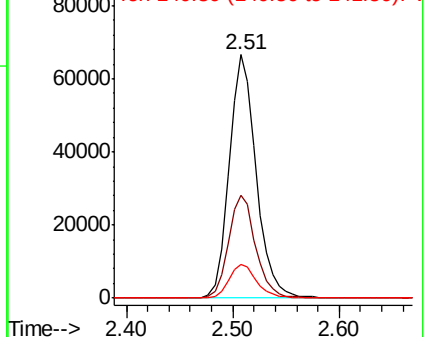
141 14.3 11.7 17.5

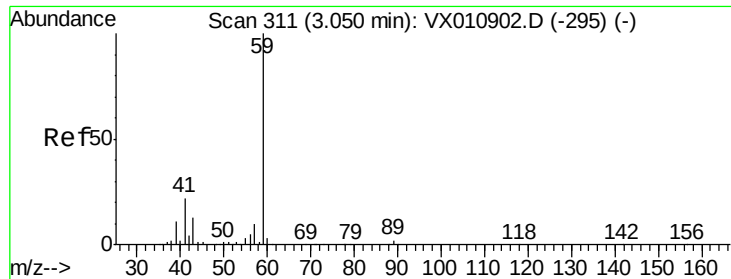


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



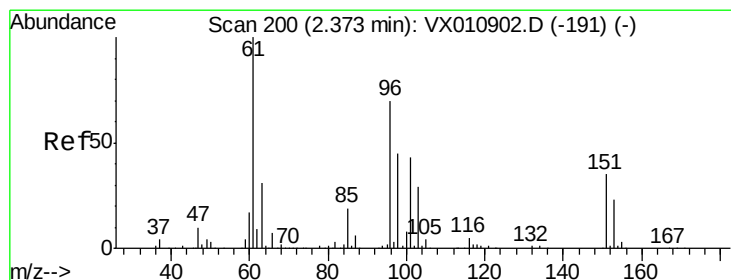
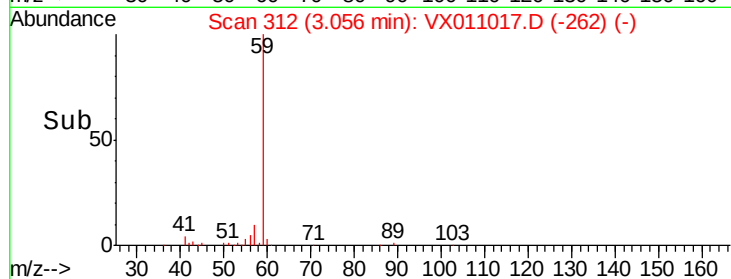
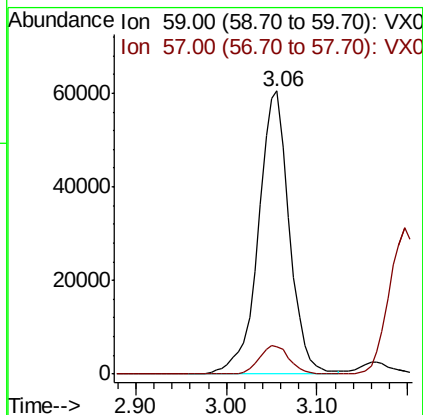
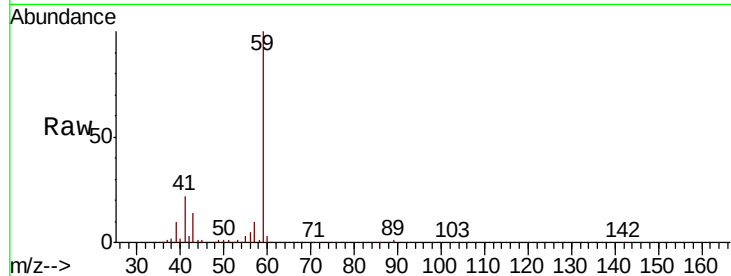


#11

Tert butyl alcohol  
Concen: 243.393 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. 0.01 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

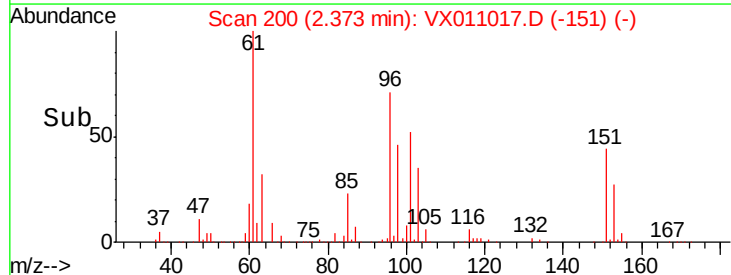
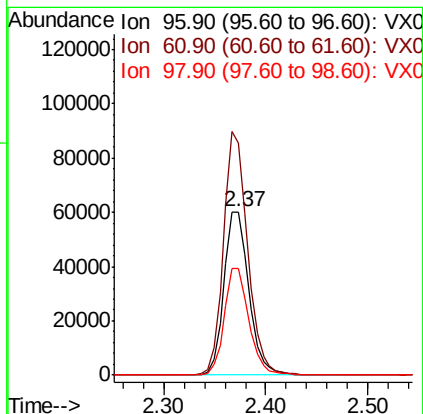
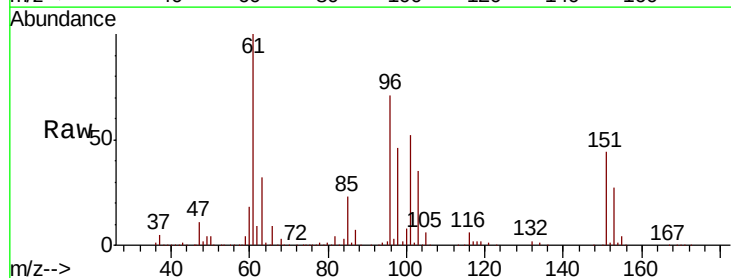
Tot Ion: 59 Resp: 142553  
Ion Ratio Lower Upper  
59 100  
57 10.0 7.9 11.9

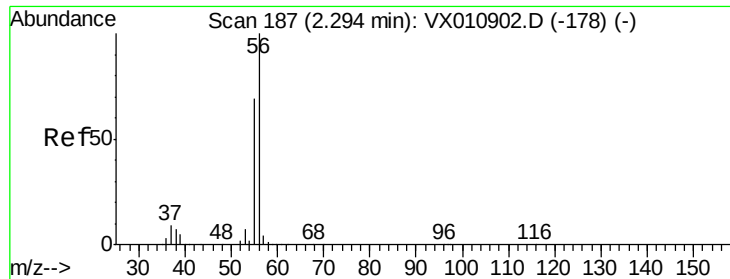


#12

1,1-Dichloroethene  
Concen: 48.295 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 96 Resp: 101691  
Ion Ratio Lower Upper  
96 100  
61 141.7 115.0 172.4  
98 65.1 52.2 78.2





#13

Acrolein

Concen: 214.432 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

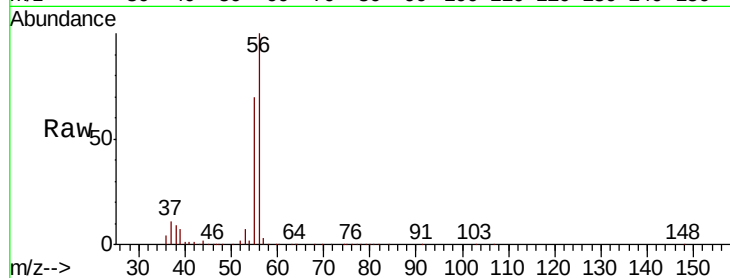
VSTDCCC050EC

Tot Ion: 56 Resp: 72562

Ion Ratio Lower Upper

56 100

55 71.9 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

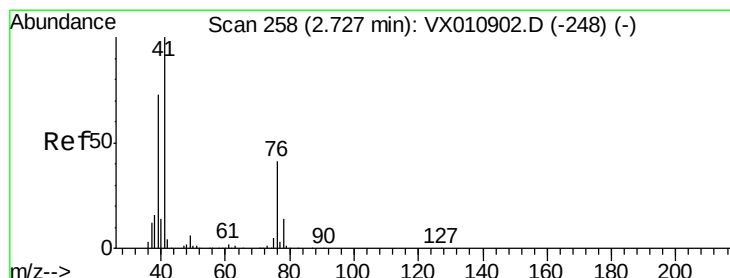
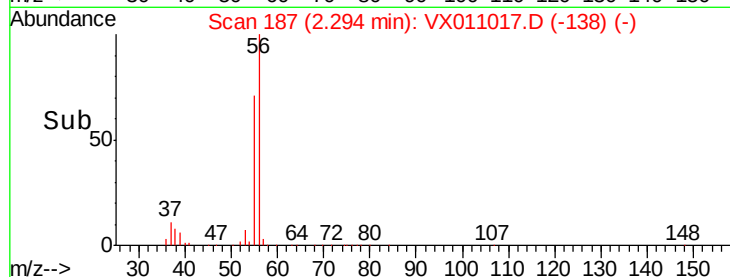
20000

10000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 47.743 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

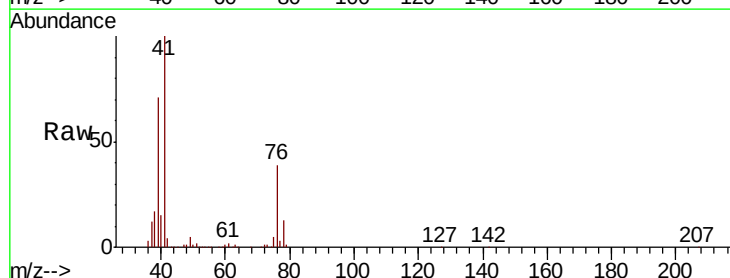
Tgt Ion: 41 Resp: 146022

Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 37.4 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

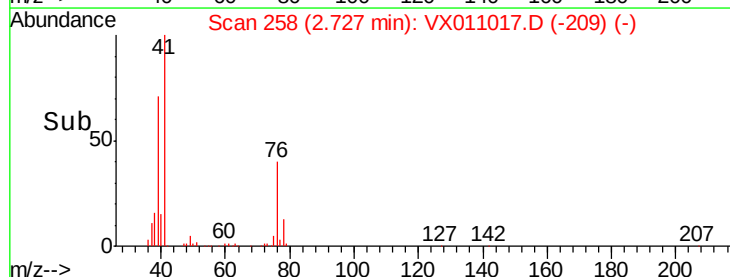
40000

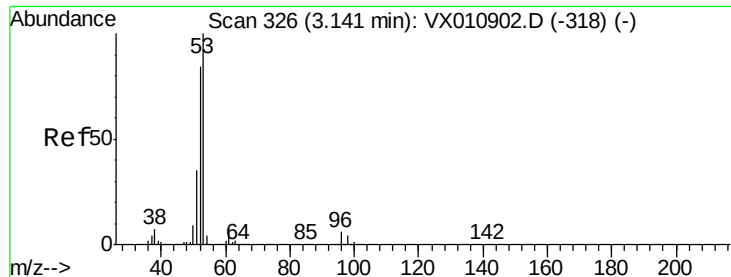
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 247.849 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

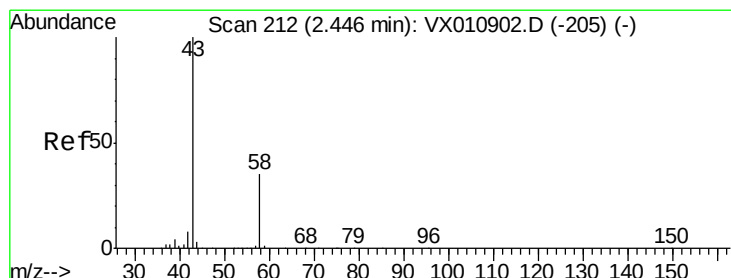
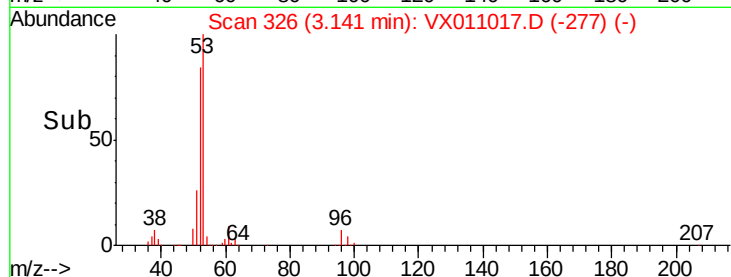
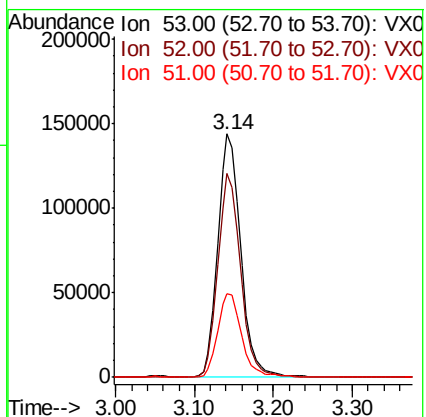
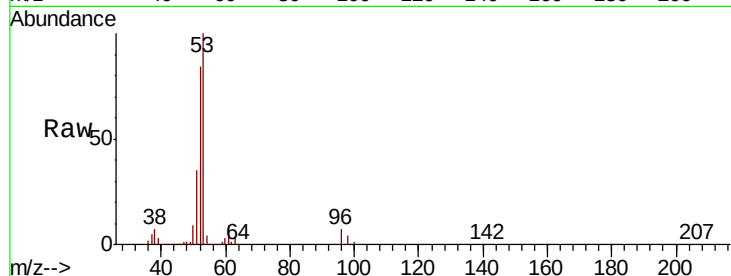
Tot Ion: 53 Resp: 293329

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 36.2 28.2 42.4



#16

Acetone

Concen: 220.844 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011017.D

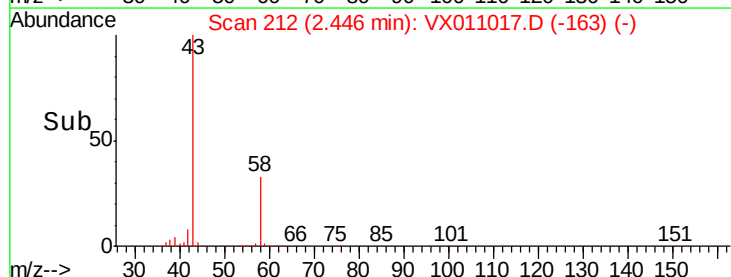
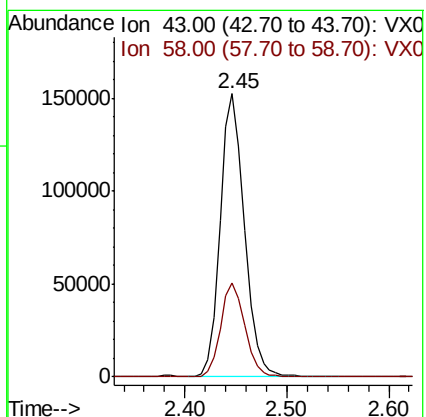
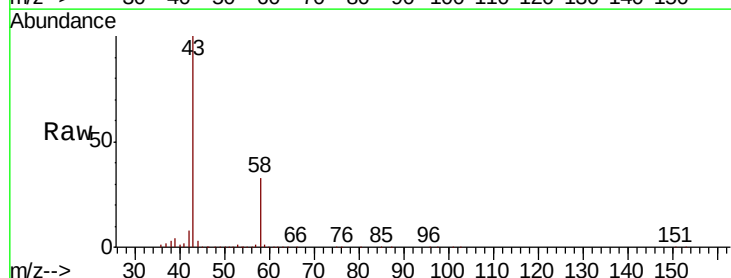
Acq: 19 Jul 2019 20:55

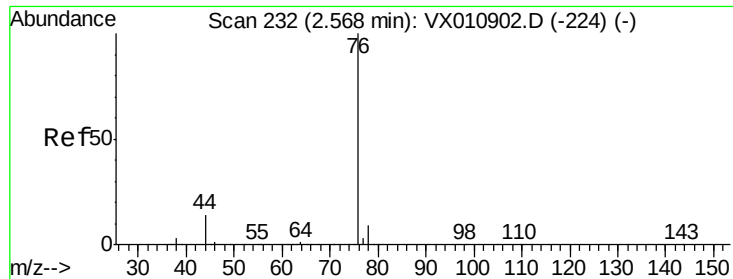
Tgt Ion: 43 Resp: 250843

Ion Ratio Lower Upper

43 100

58 33.4 27.7 41.5

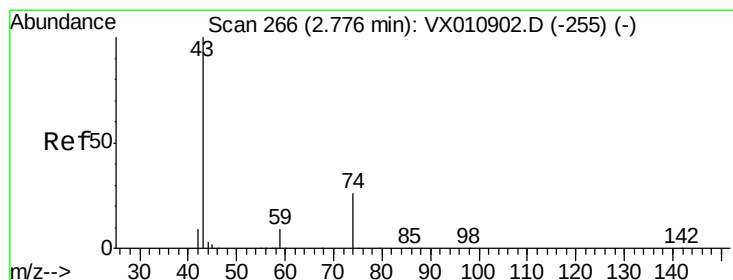
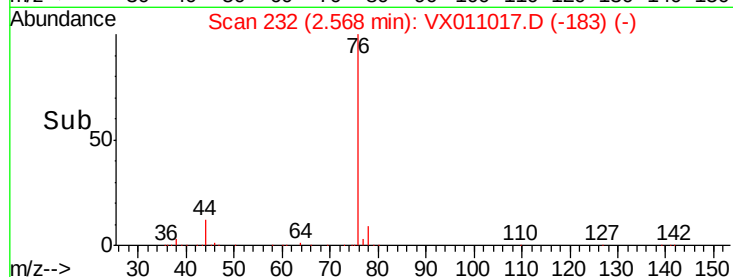
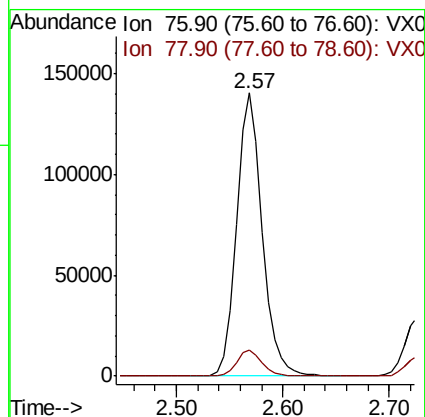
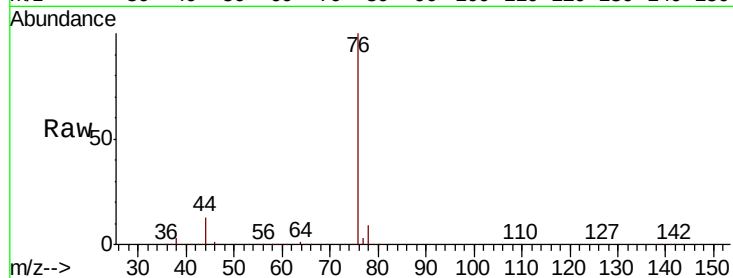




#17  
Carbon Disulfide  
Concen: 43.746 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

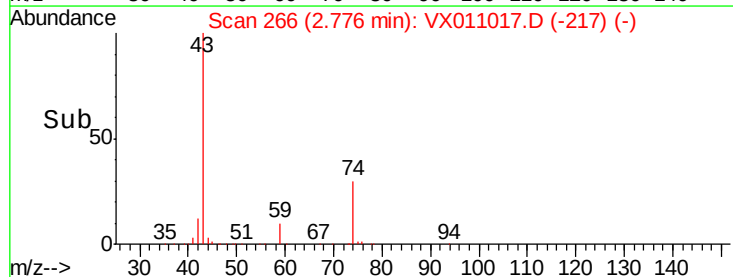
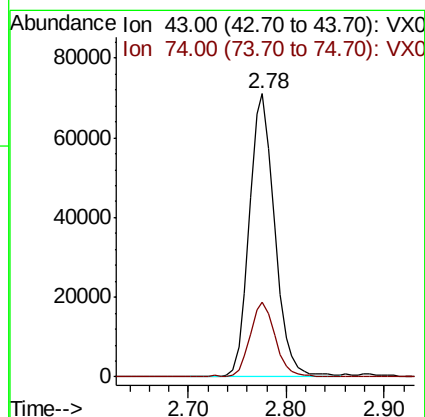
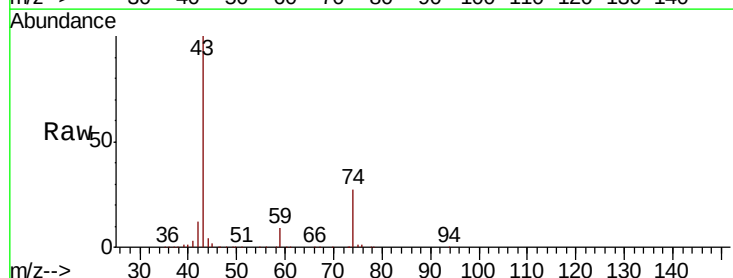
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

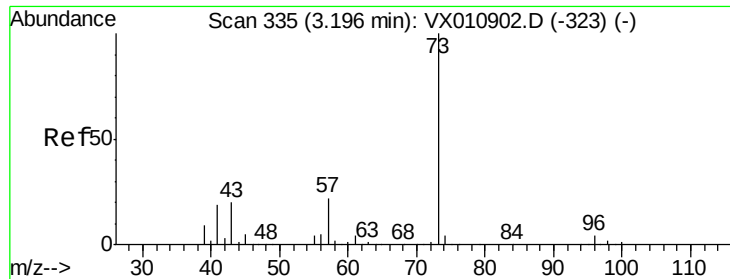
Tot Ion: 76 Resp: 236281  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 49.297 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 43 Resp: 127498  
Ion Ratio Lower Upper  
43 100  
74 26.6 21.5 32.3

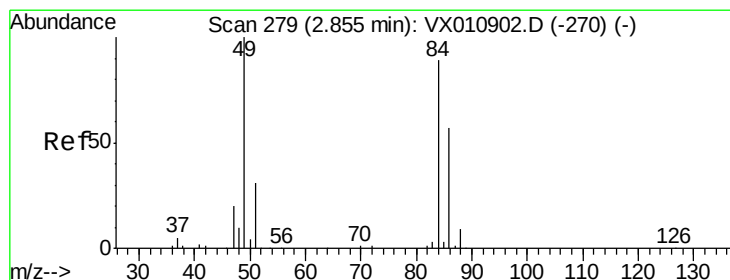
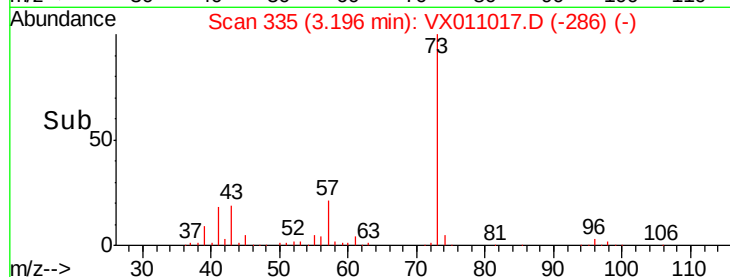
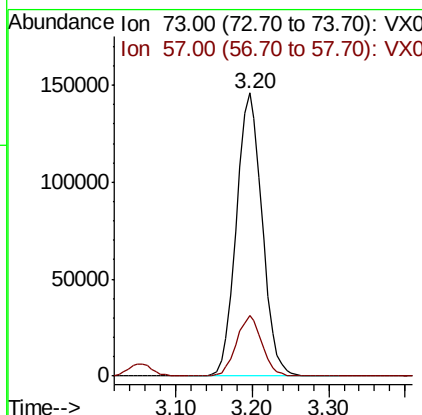
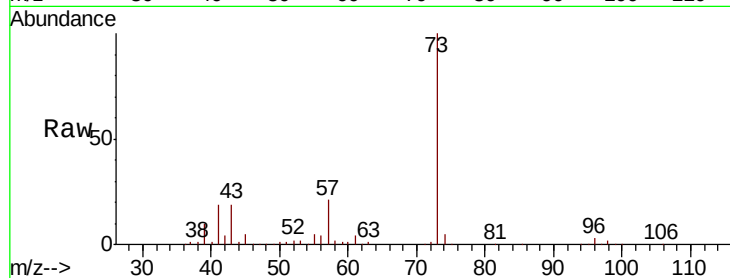




#19  
Methyl tert-butyl Ether  
Concen: 50.184 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

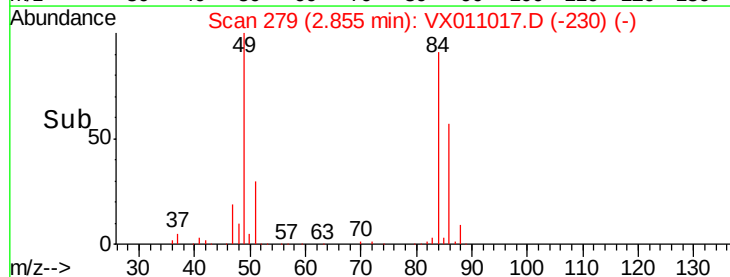
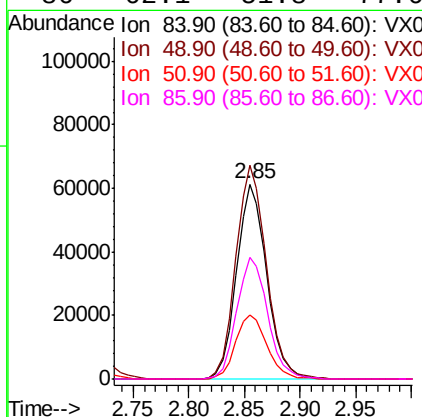
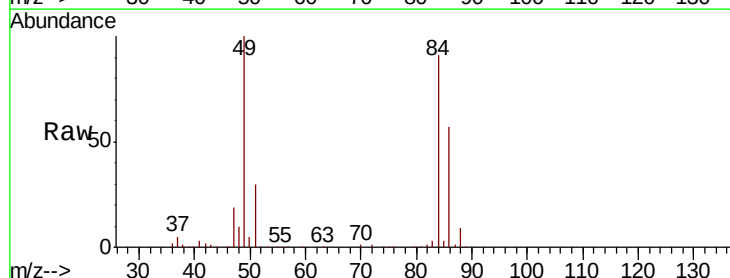
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

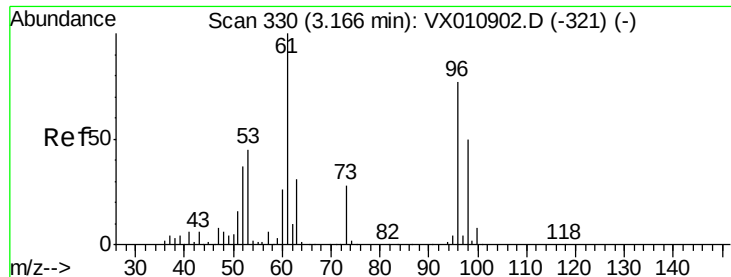
Tot Ion: 73 Resp: 340169  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 47.892 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 84 Resp: 115280  
Ion Ratio Lower Upper  
84 100  
49 109.6 89.9 134.9  
51 32.8 27.8 41.6  
86 62.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.967 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

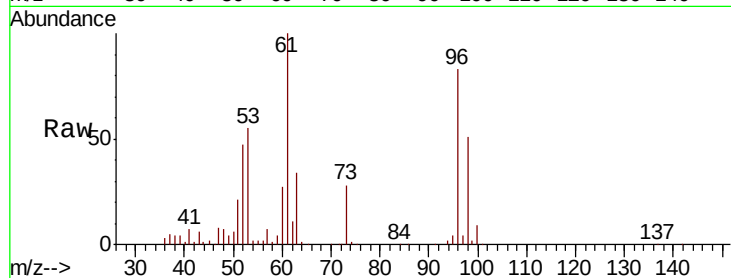
Tot Ion: 96 Resp: 107167

Ion Ratio Lower Upper

96 100

61 120.3 104.2 156.2

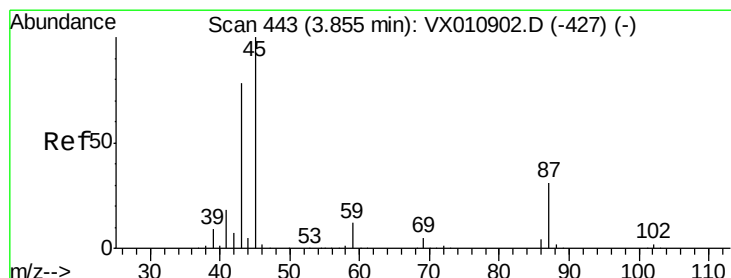
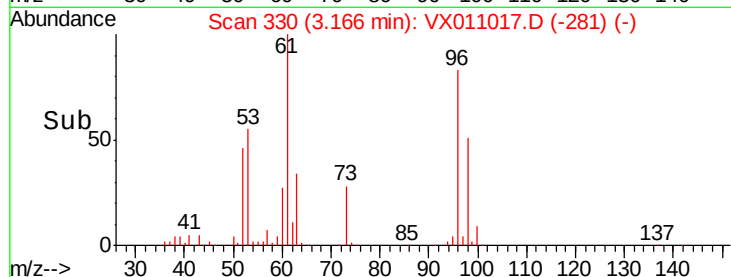
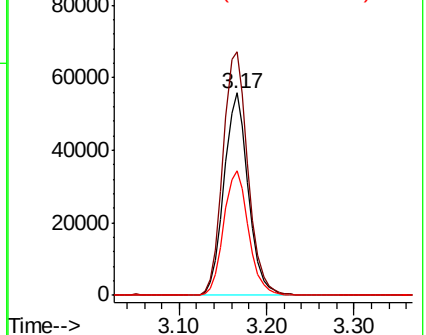
98 61.5 52.2 78.4



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: 48.959 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion: 45 Resp: 315812

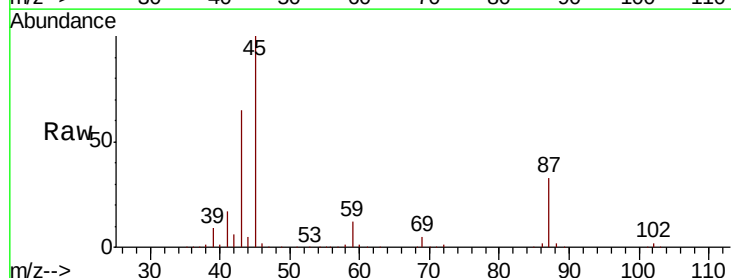
Ion Ratio Lower Upper

45 100

43 64.9 62.3 93.5

87 32.9 25.0 37.4

59 12.2 9.9 14.9

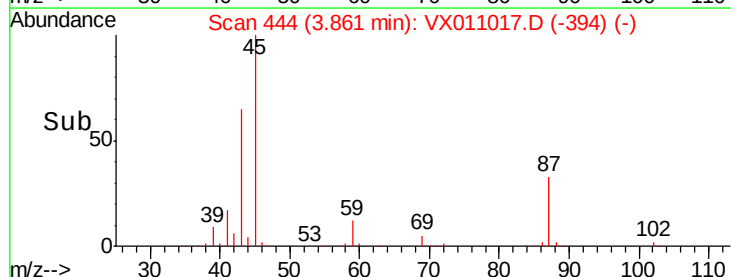
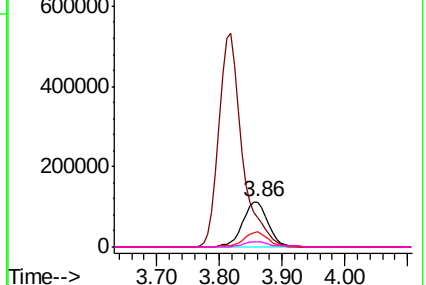


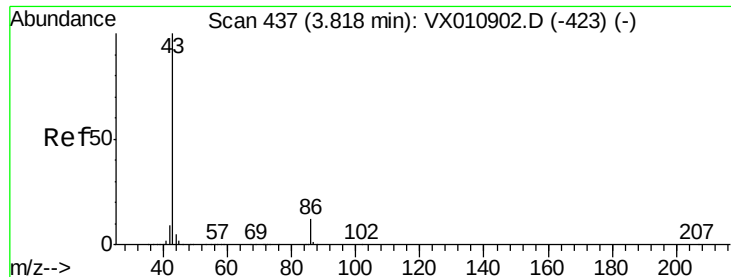
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 251.578 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

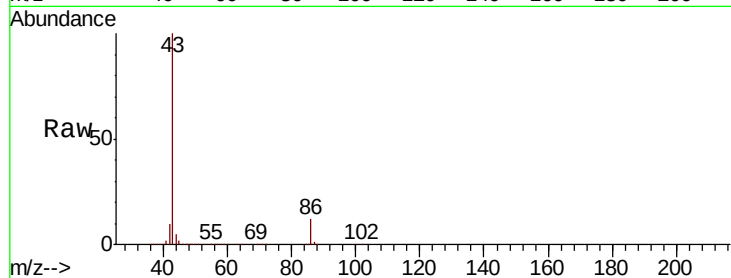
VSTDCCC050EC

Tot Ion: 43 Resp: 1375005

Ion Ratio Lower Upper

43 100

86 11.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

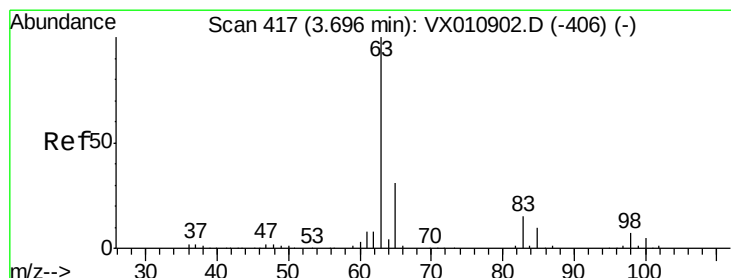
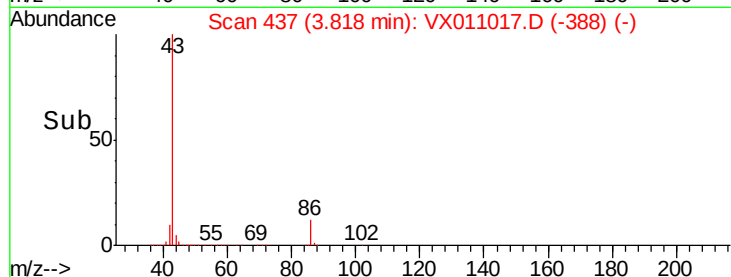
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.502 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

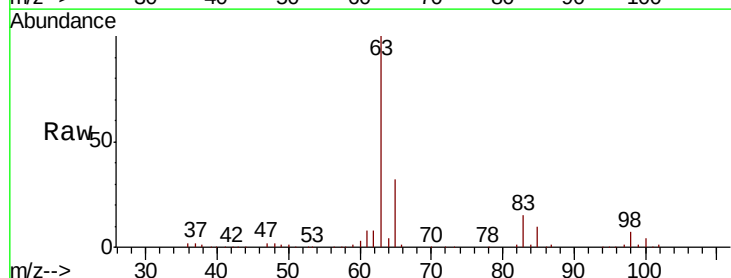
Tgt Ion: 63 Resp: 181697

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

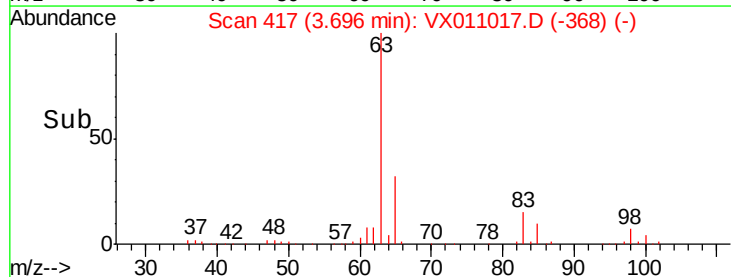
60000

40000

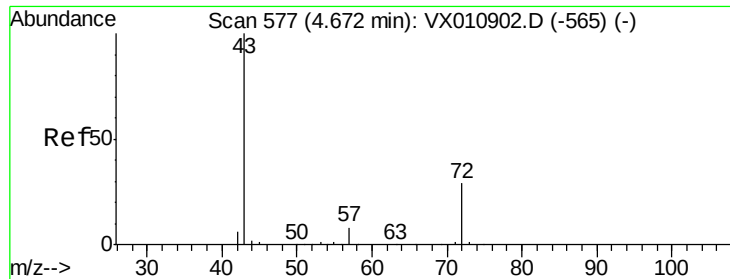
20000

0

Time-->







#25

2-Butanone

Concen: 249.660 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

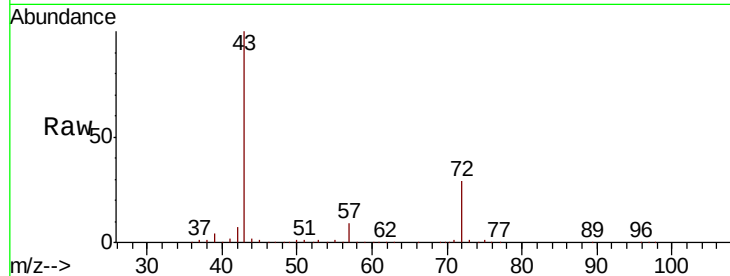
VSTDCCC050EC

Tot Ion: 43 Resp: 407066

Ion Ratio Lower Upper

43 100

72 29.1 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

150000

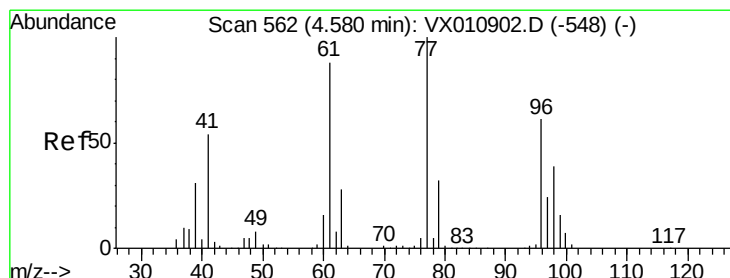
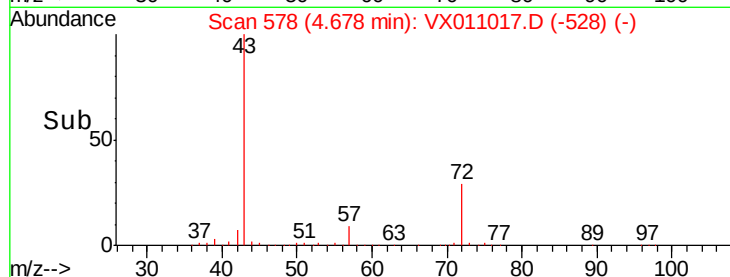
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.412 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011017.D

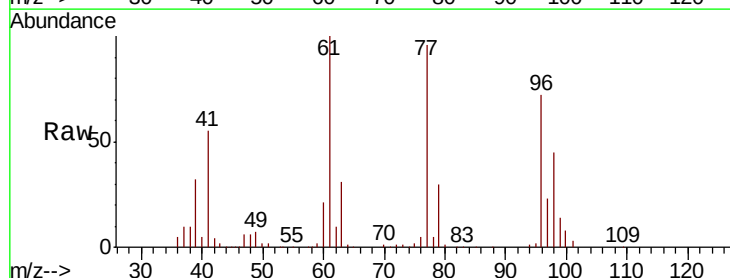
Acq: 19 Jul 2019 20:55

Tgt Ion: 77 Resp: 130457

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

30000

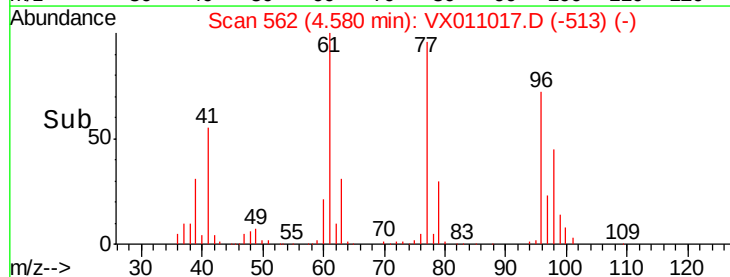
20000

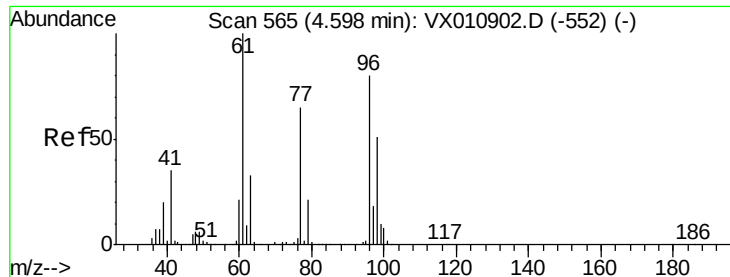
10000

0

4.50 4.60 4.70

Time-->



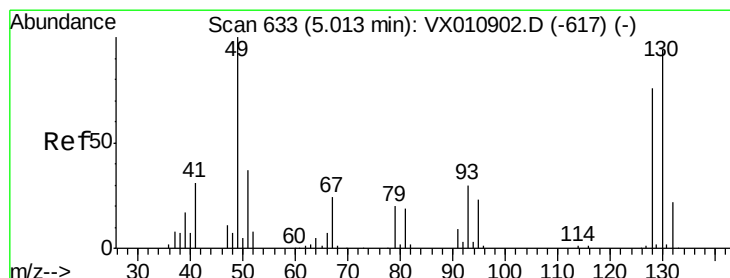
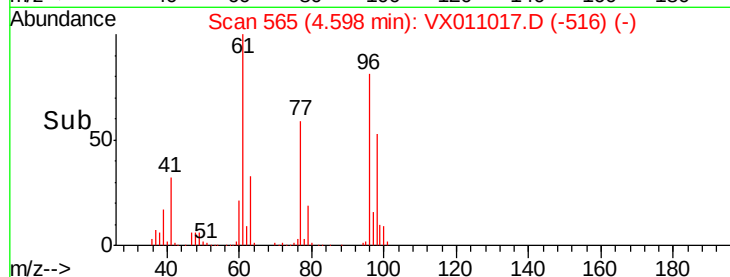
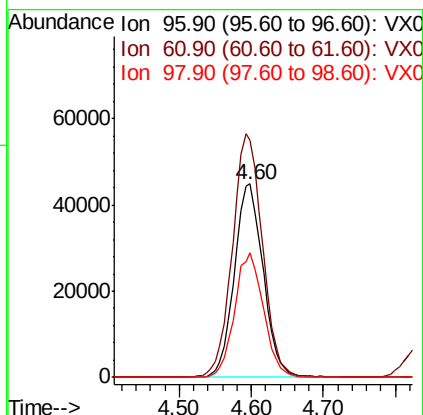
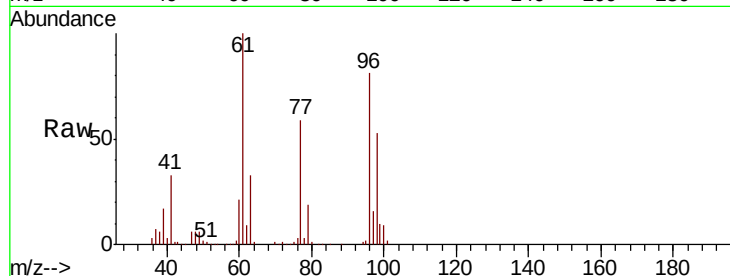


#27

cis-1,2-Dichloroethene  
 Concen: 48.249 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

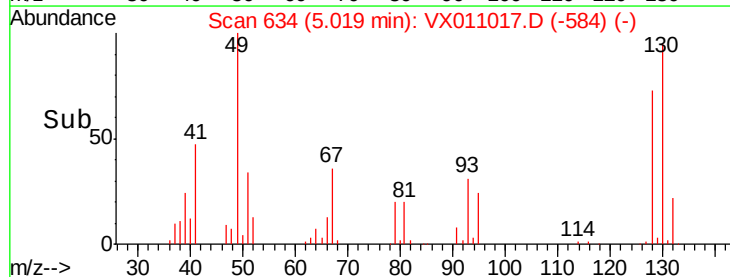
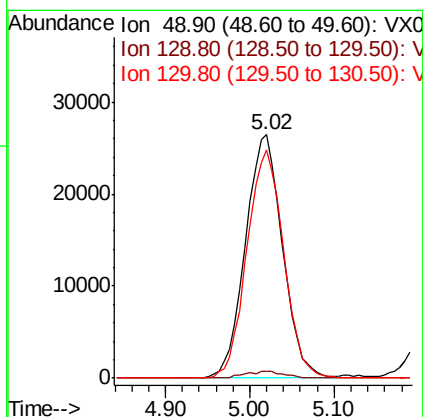
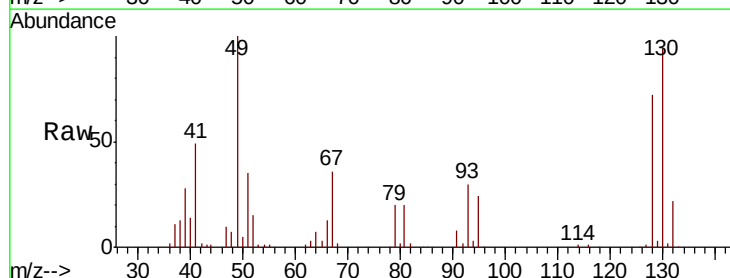
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 131.1 | 0.0   | 269.0 |
| 98      | 64.5  | 0.0   | 131.4 |

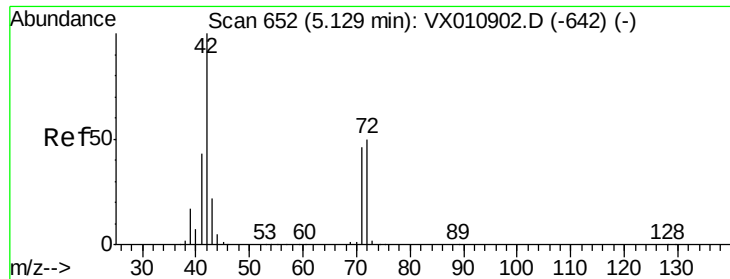


#28

Bromochloromethane  
 Concen: 44.776 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. 0.01 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.9   | 0.0   | 5.2   |
| 130     | 93.2  | 76.9  | 115.3 |





#29

Tetrahydrofuran

Concen: 253.946 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

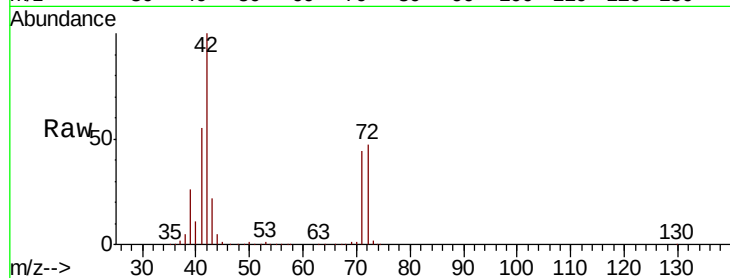
Tot Ion: 42 Resp: 262278

Ion Ratio Lower Upper

42 100

72 49.0 39.8 59.8

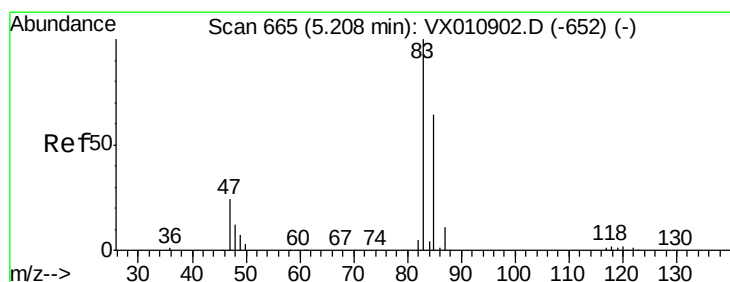
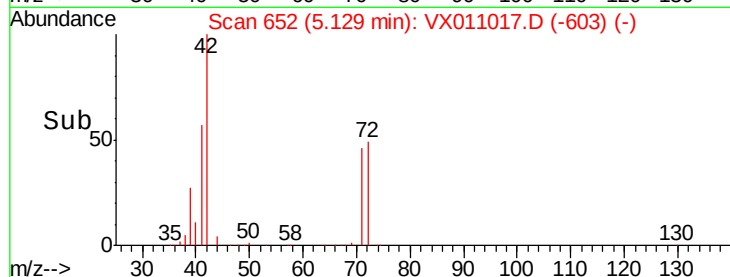
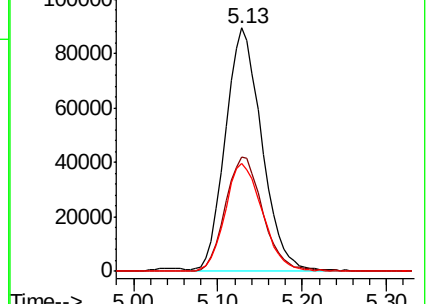
71 45.7 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.363 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011017.D

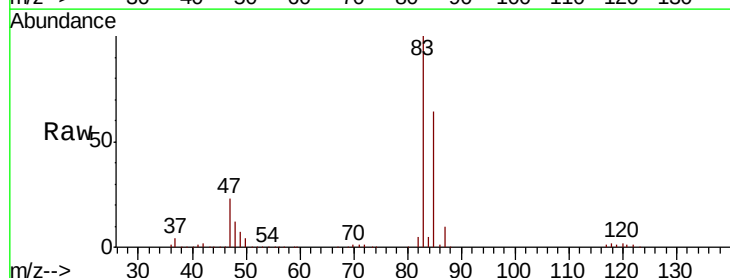
Acq: 19 Jul 2019 20:55

Tgt Ion: 83 Resp: 195831

Ion Ratio Lower Upper

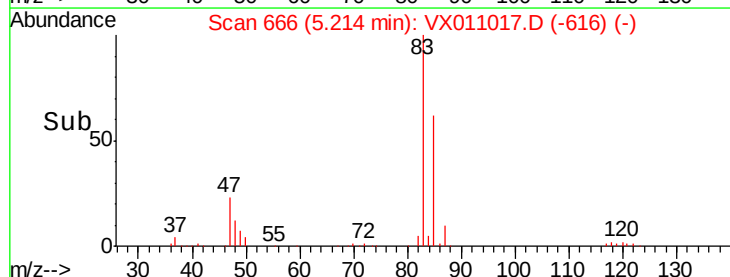
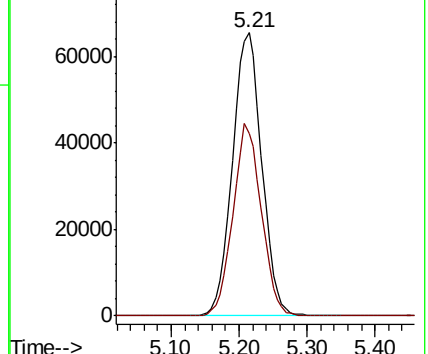
83 100

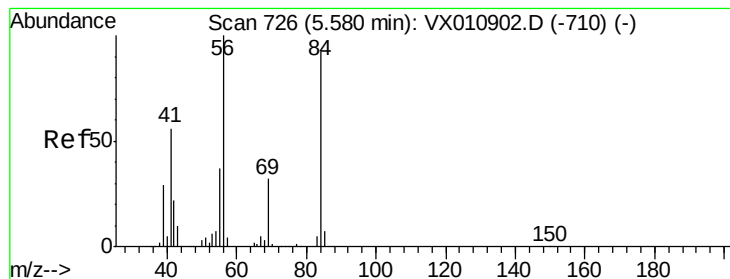
85 64.4 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.535 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

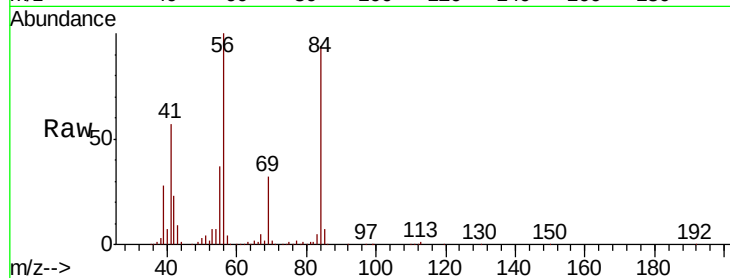
Tot Ion: 56 Resp: 158900

Ion Ratio Lower Upper

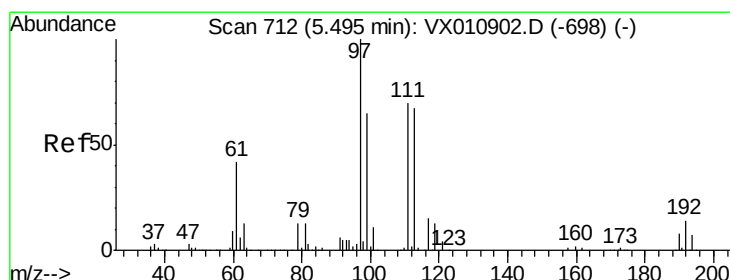
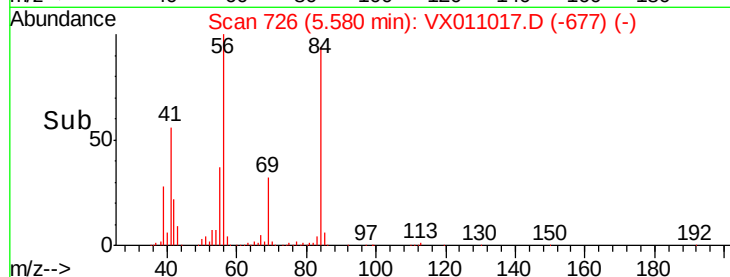
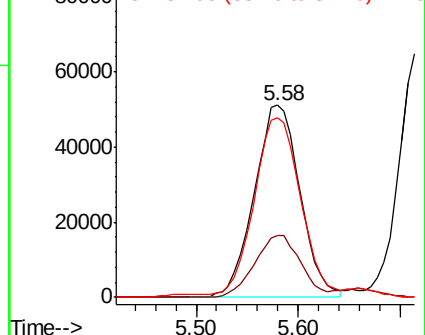
56 100

69 32.4 25.8 38.8

84 91.9 73.8 110.6



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: 49.439 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

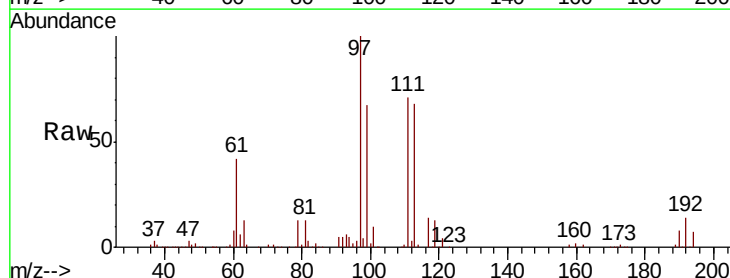
Tgt Ion: 97 Resp: 173195

Ion Ratio Lower Upper

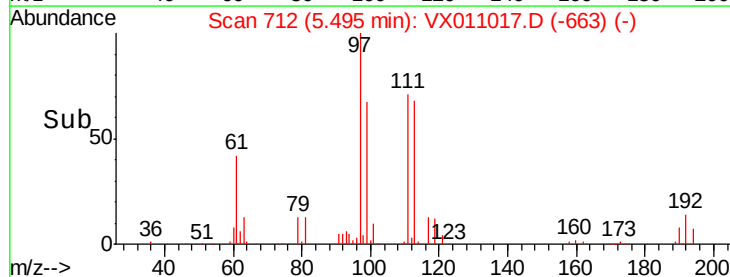
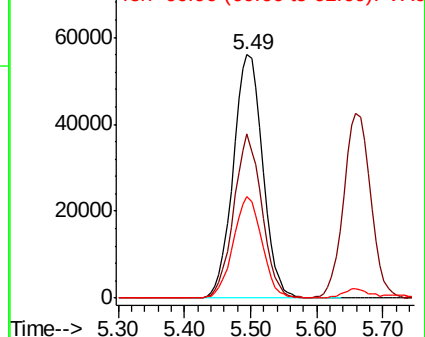
97 100

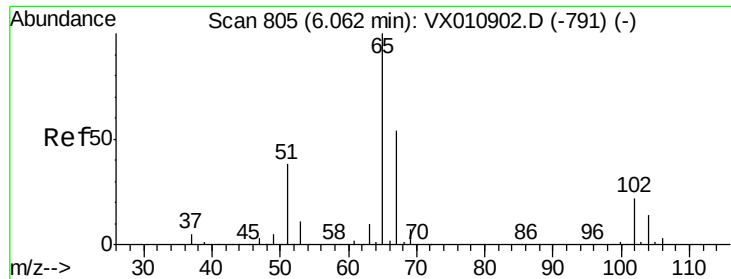
99 64.2 51.4 77.0

61 40.9 33.0 49.6



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

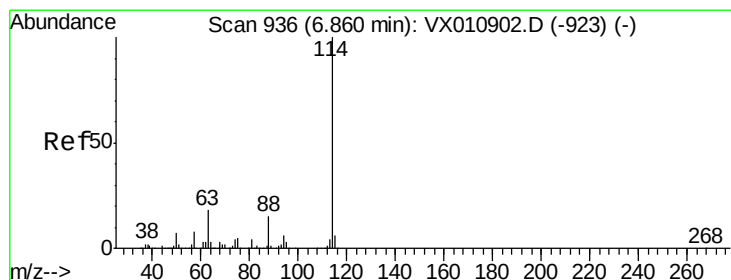
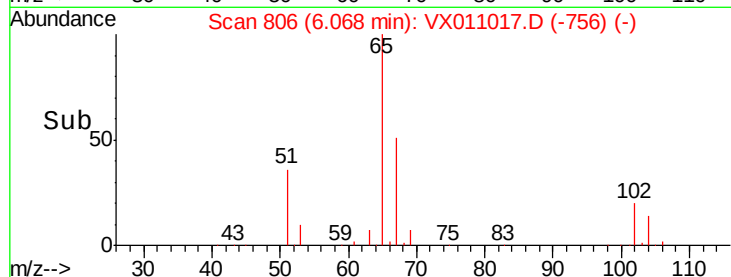
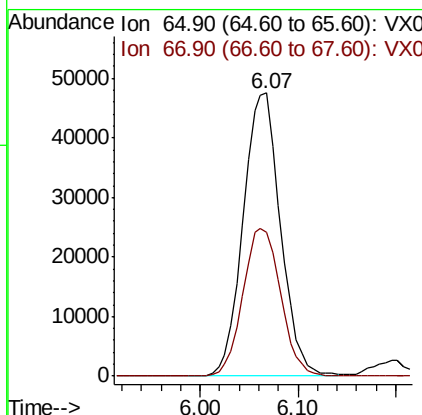
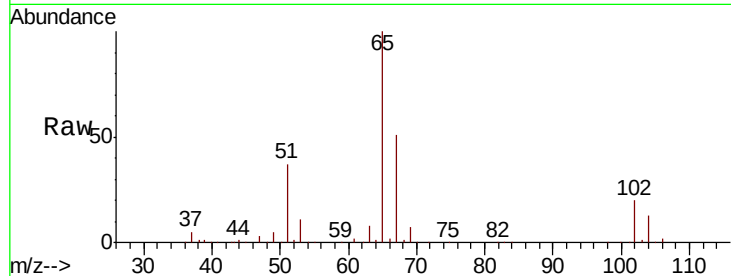




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.036 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.01 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

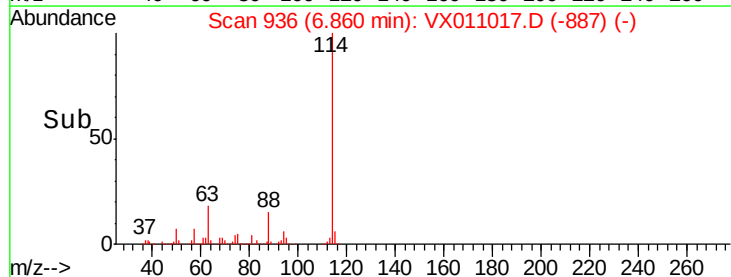
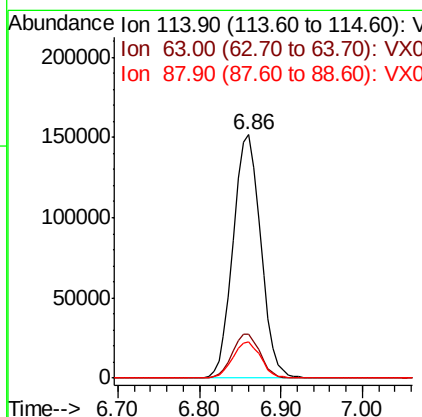
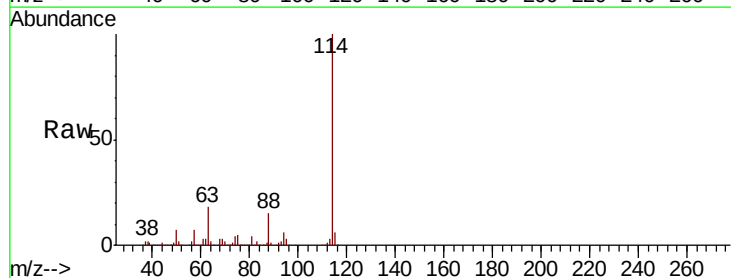
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

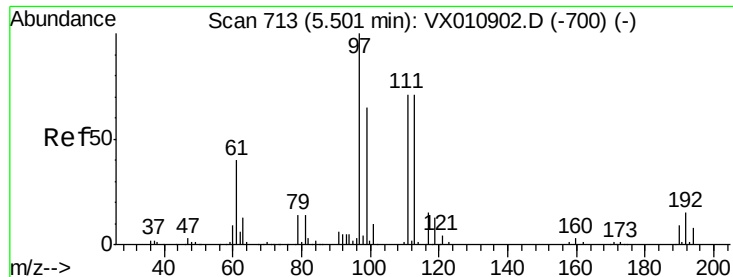
Tot Ion: 65 Resp: 125834  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Tgt Ion: 114 Resp: 356165  
 Ion Ratio Lower Upper  
 114 100  
 63 18.0 0.0 35.6  
 88 14.7 0.0 29.8

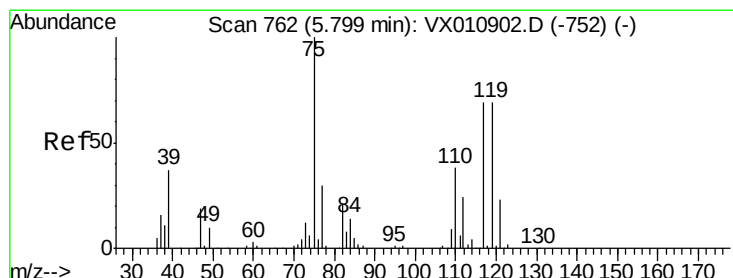
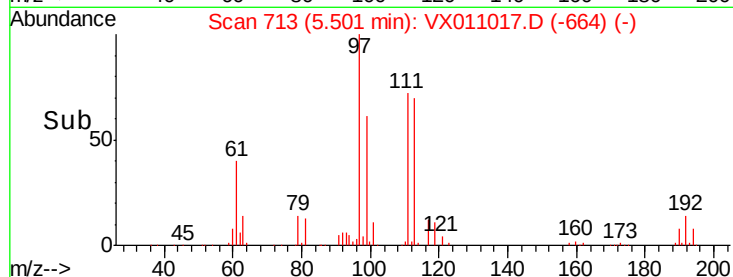
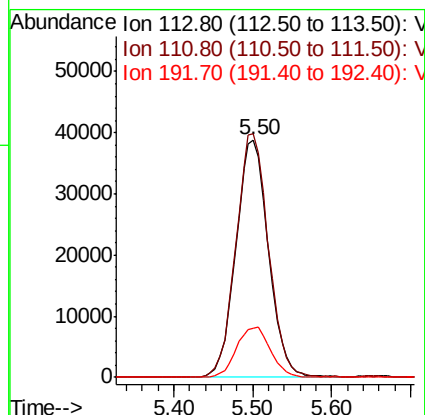
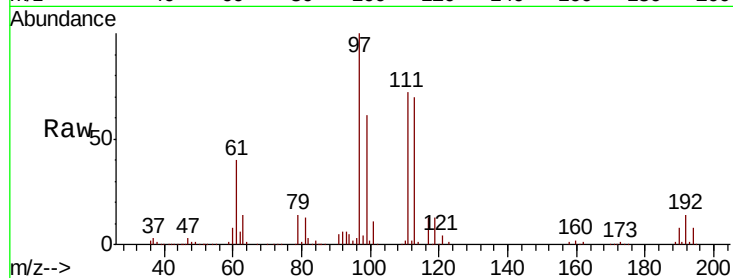




#35  
 Dibromofluoromethane  
 Concen: 49.260 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

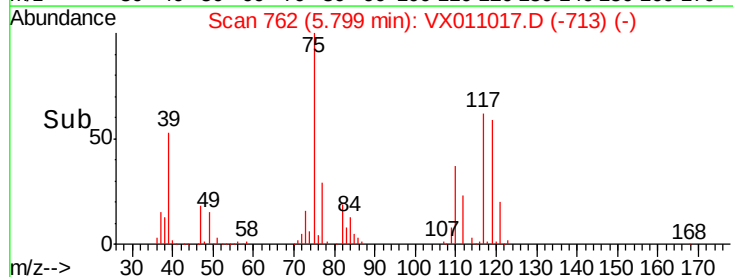
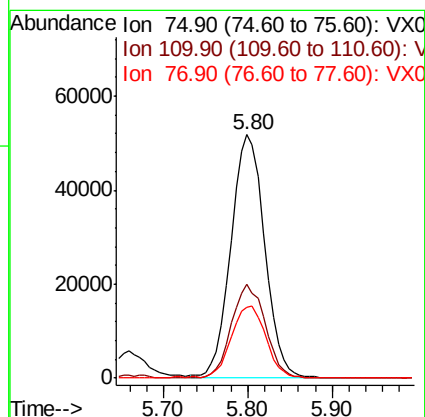
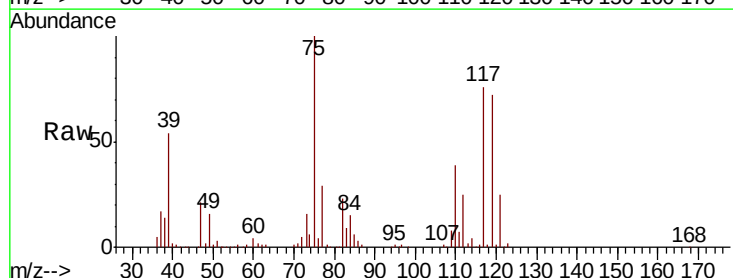
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

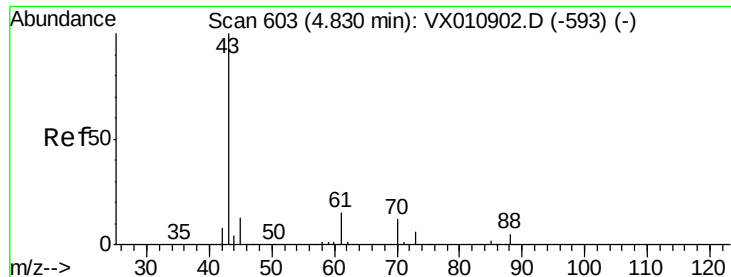
Tot Ion:113 Resp: 111360  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 82.3 123.5  
 192 22.1 17.4 26.2



#36  
 1,1-Dichloropropene  
 Concen: 47.799 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Tgt Ion: 75 Resp: 139839  
 Ion Ratio Lower Upper  
 75 100  
 110 38.9 19.9 59.7  
 77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 50.590 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

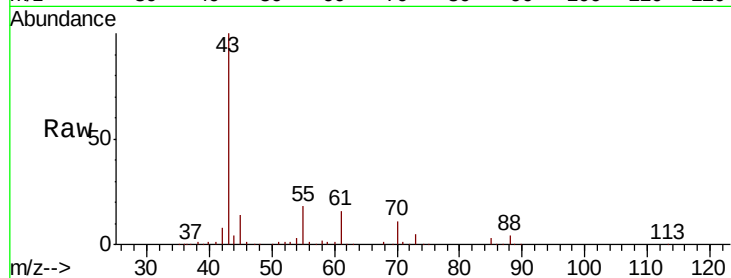
Tot Ion: 43 Resp: 151552

Ion Ratio Lower Upper

43 100

61 15.1 11.6 17.4

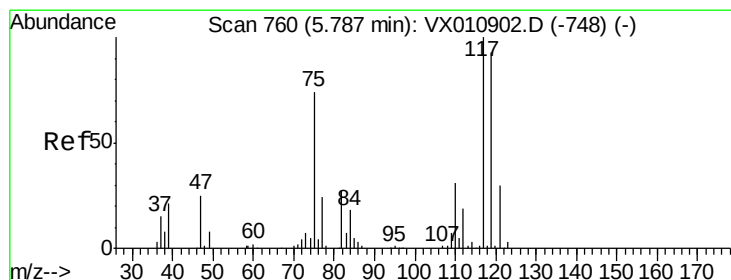
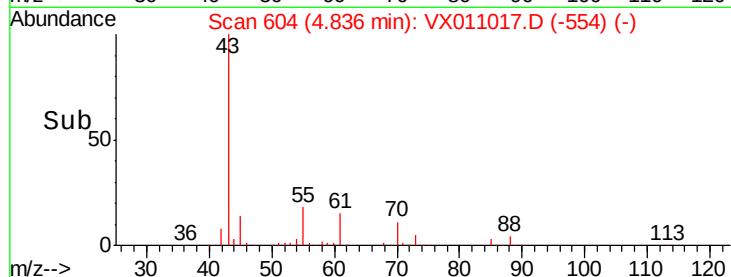
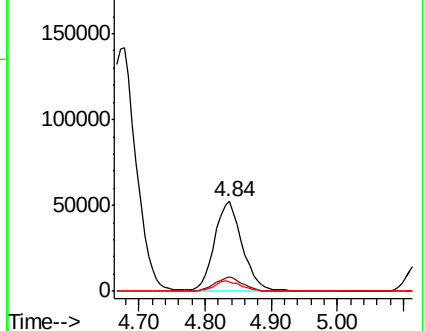
70 11.6 9.1 13.7



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: 49.222 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

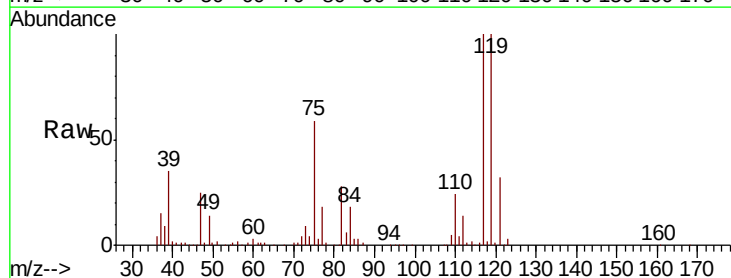
Tgt Ion: 117 Resp: 150055

Ion Ratio Lower Upper

117 100

119 99.6 74.2 111.2

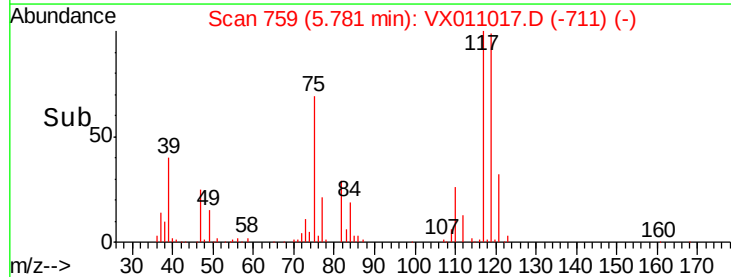
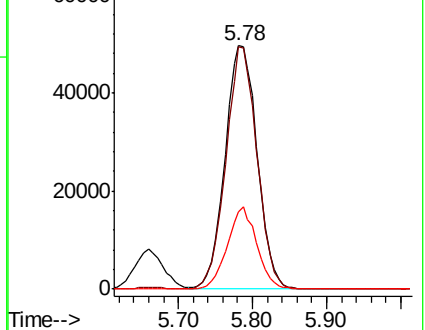
121 31.5 24.2 36.2

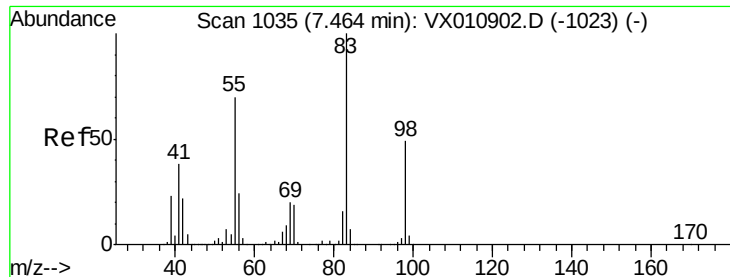


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

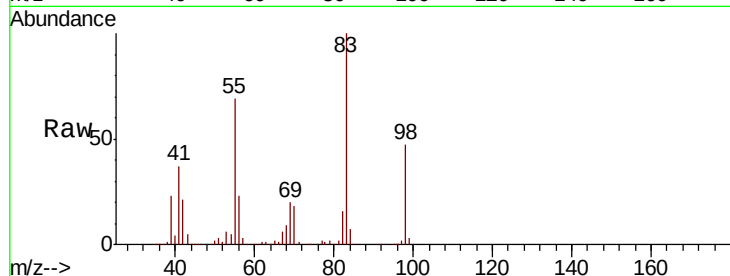




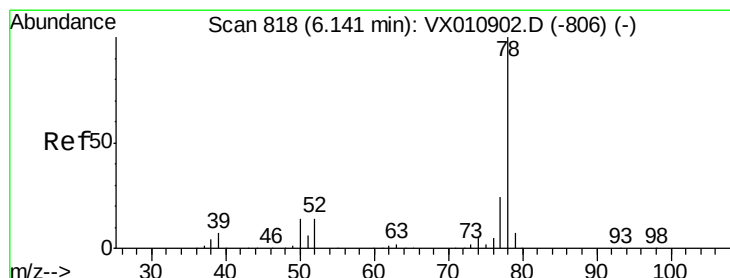
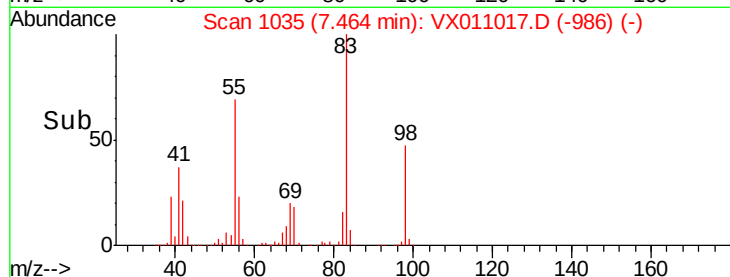
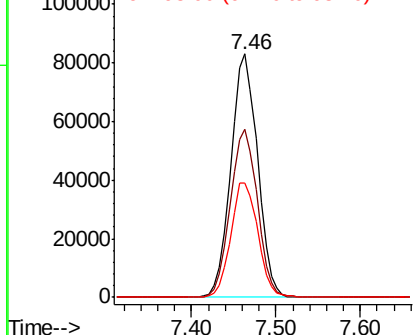
#39  
Methylvlcyclohexane  
Concen: 46.958 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 178155  
Ion Ratio Lower Upper  
83 100  
55 69.2 56.2 84.4  
98 47.2 39.0 58.4

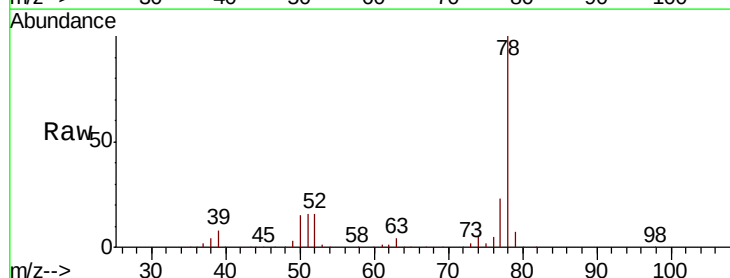


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

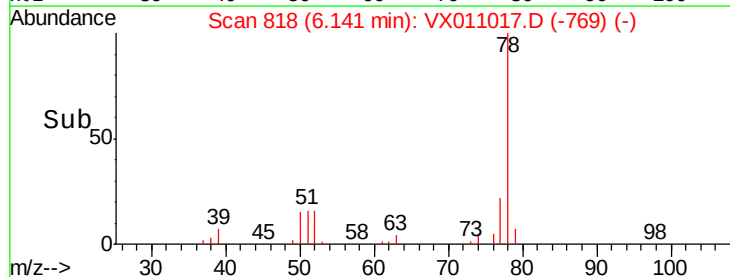
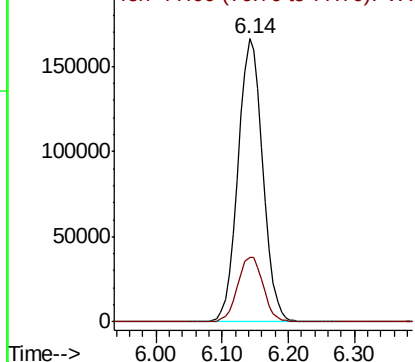


#40  
Benzene  
Concen: 48.146 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

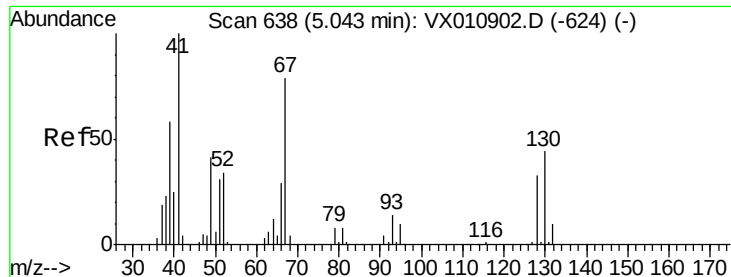
Tgt Ion: 78 Resp: 431472  
Ion Ratio Lower Upper  
78 100  
77 22.8 19.0 28.6



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



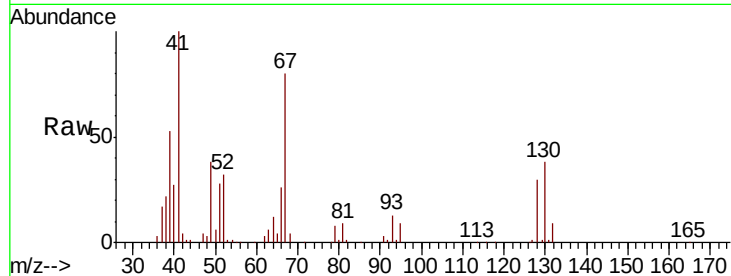




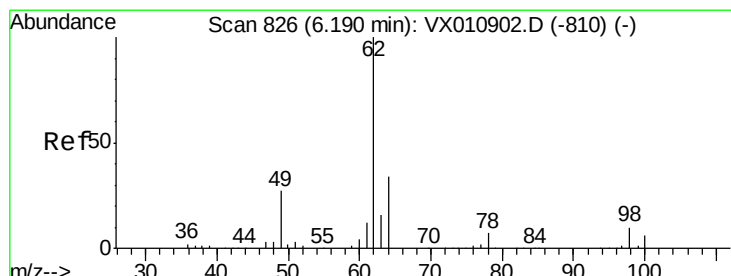
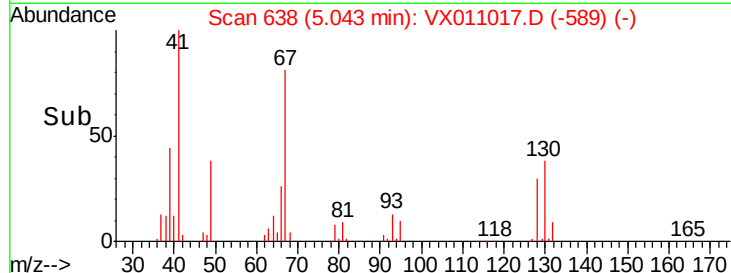
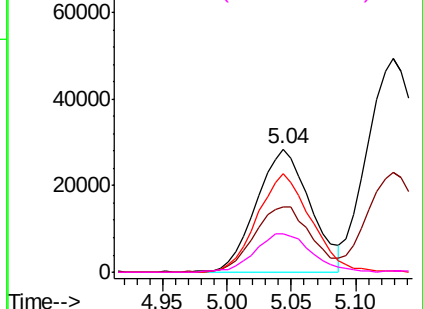
#41  
Methacrylonitrile  
Concen: 48.417 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 82337 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.7  | 45.4  | 68.2  |
| 67       | 80.6  | 65.9  | 98.9  |
| 52       | 33.3  | 26.2  | 39.2  |

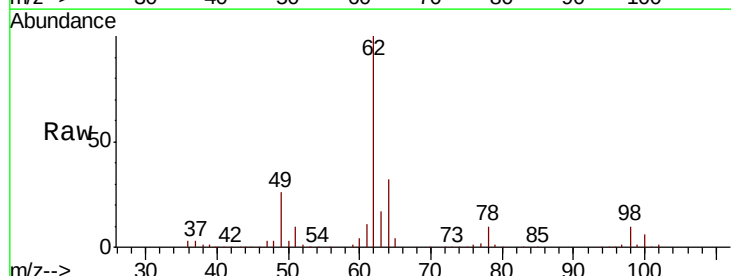


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

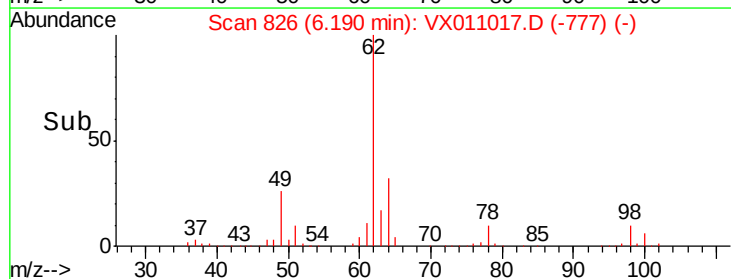
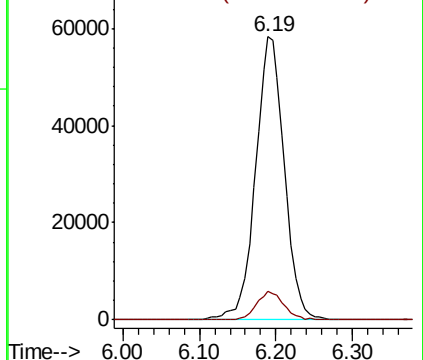


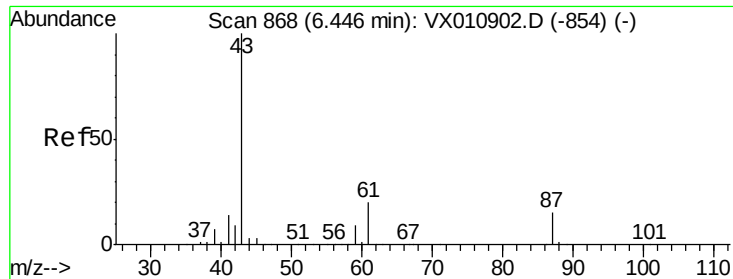
#42  
1,2-Dichloroethane  
Concen: 49.137 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 153108 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.7   | 0.0   | 20.0   |



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





#43

Isopropyl Acetate

Concen: 49.986 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

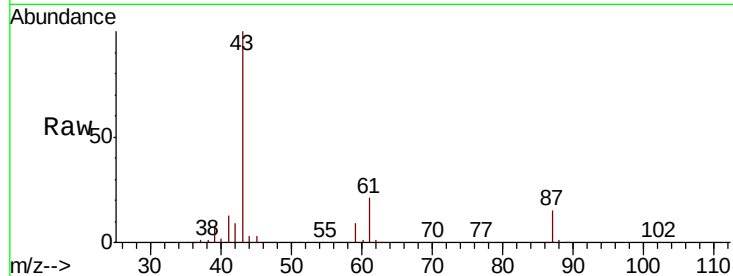
Tot Ion: 43 Resp: 246224

Ion Ratio Lower Upper

43 100

61 21.0 17.1 25.7

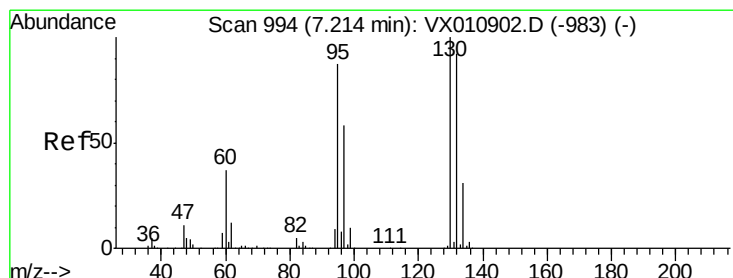
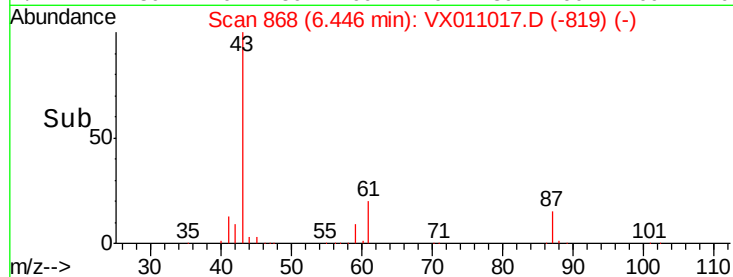
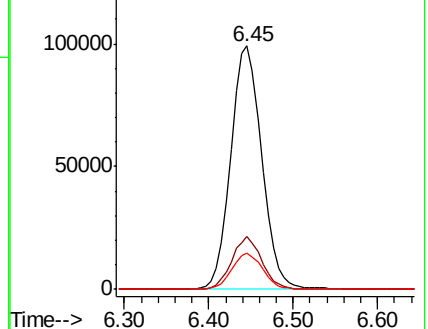
87 14.8 12.0 18.0



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: 46.845 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011017.D

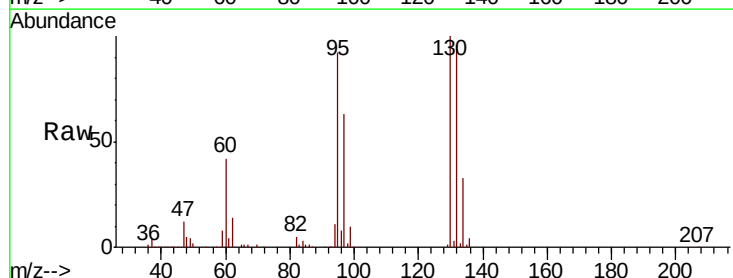
Acq: 19 Jul 2019 20:55

Tgt Ion:130 Resp: 124264

Ion Ratio Lower Upper

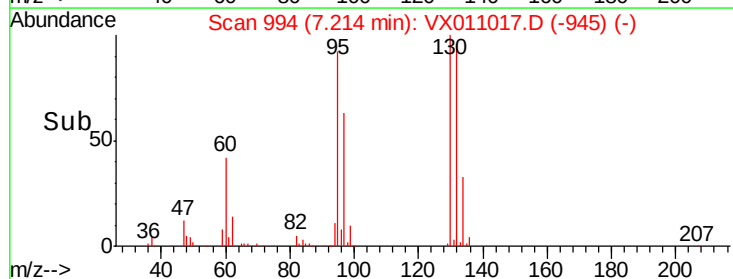
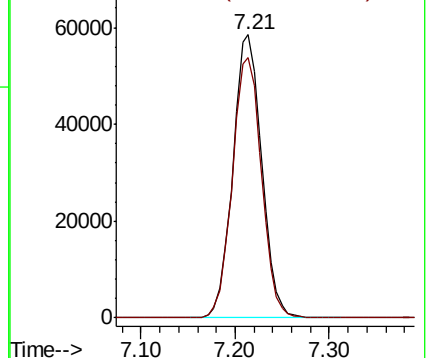
130 100

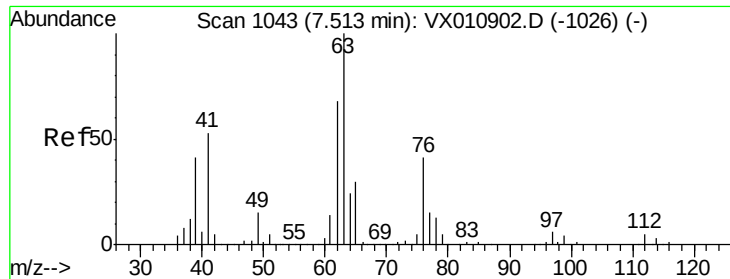
95 92.1 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.364 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

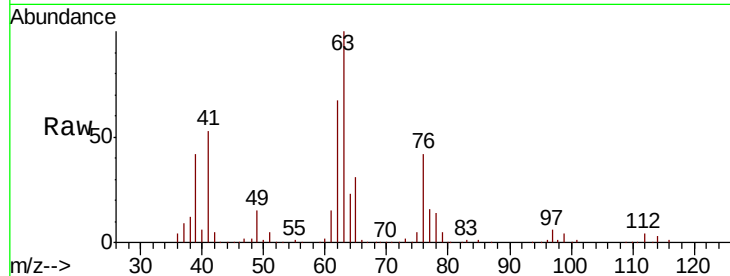
VSTDCCC050EC

Tot Ion: 63 Resp: 110313

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

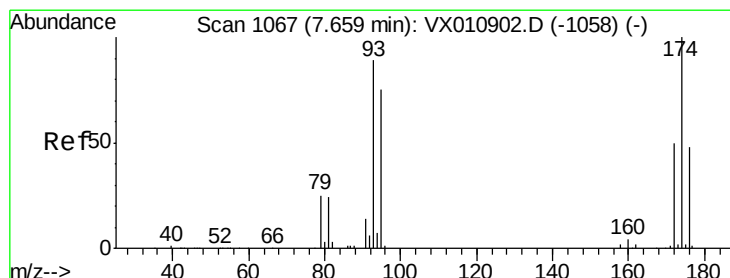
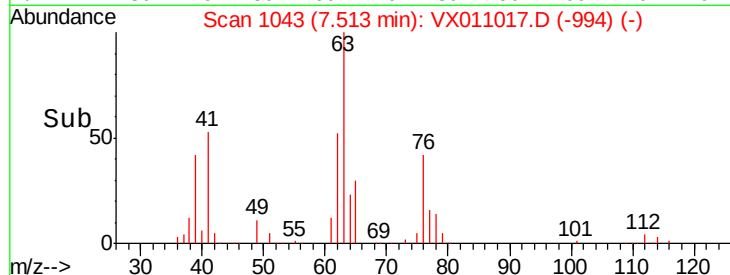
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 48.486 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

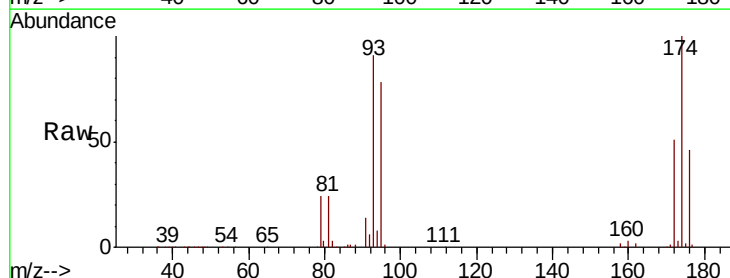
Tgt Ion: 93 Resp: 79025

Ion Ratio Lower Upper

93 100

95 85.1 67.2 100.8

174 113.2 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

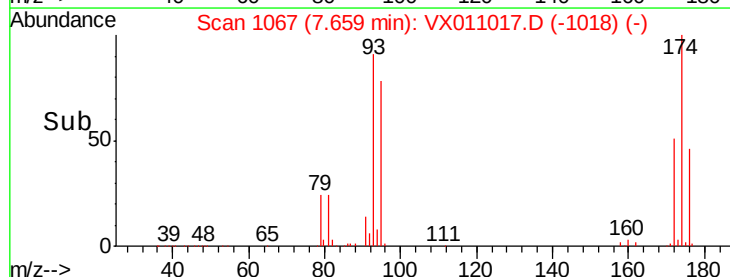
20000

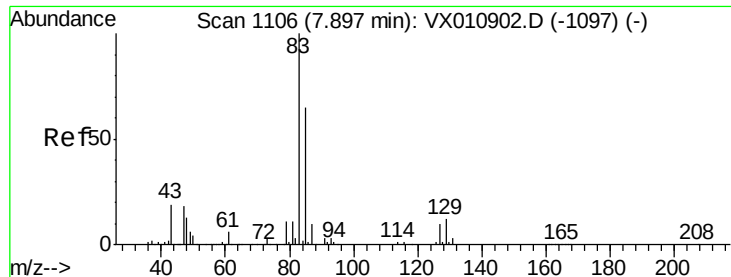
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 49.763 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

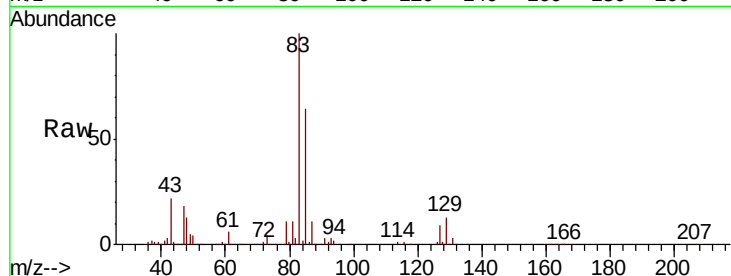
Tot Ion: 83 Resp: 144376

Ion Ratio Lower Upper

83 100

85 63.8 52.5 78.7

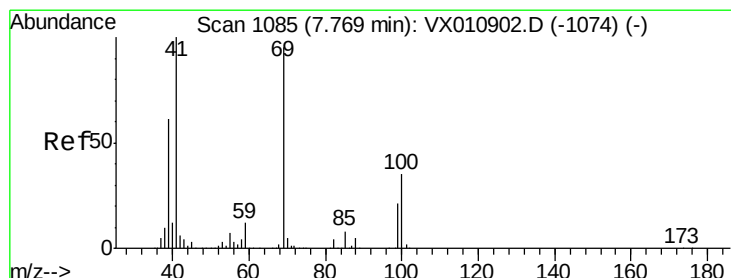
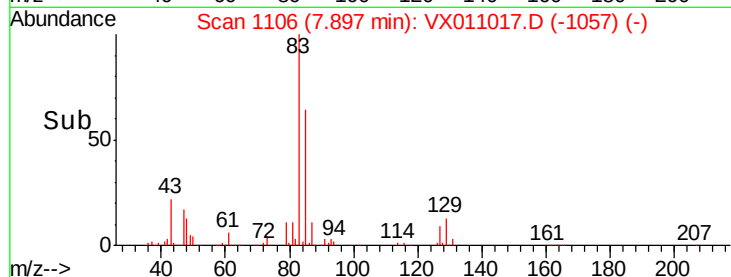
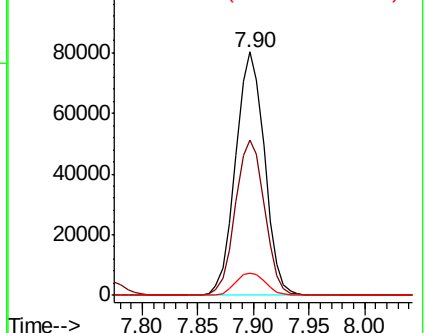
127 9.3 7.8 11.8



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: 50.503 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

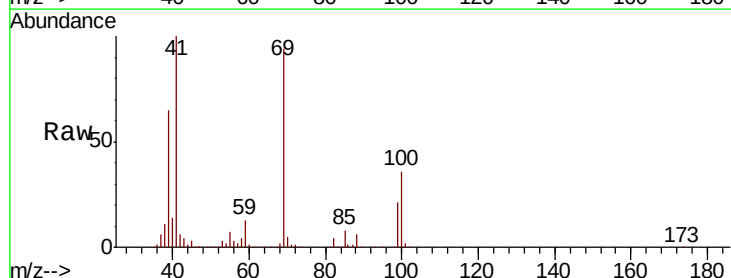
Tgt Ion: 41 Resp: 121189

Ion Ratio Lower Upper

41 100

69 90.7 74.4 111.6

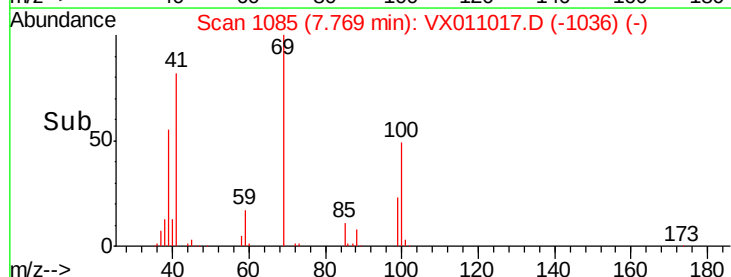
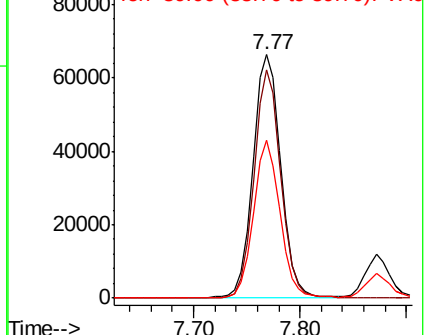
39 61.6 48.9 73.3

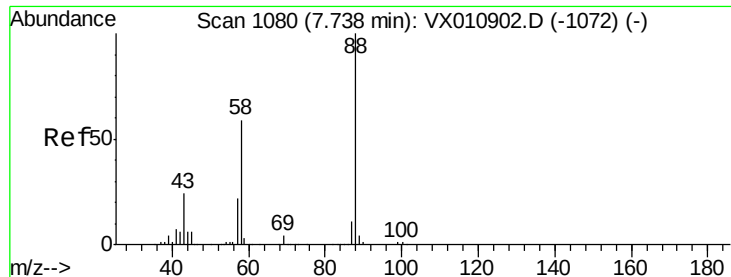


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

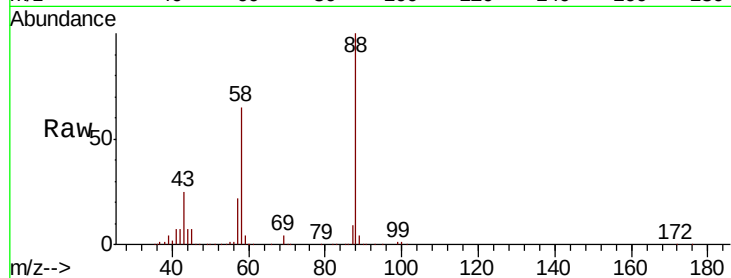




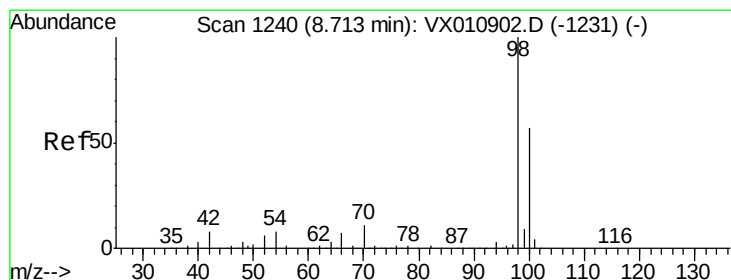
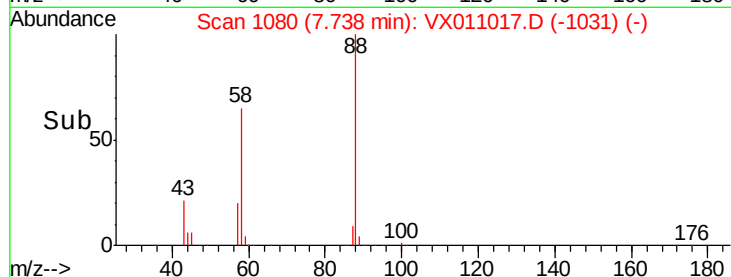
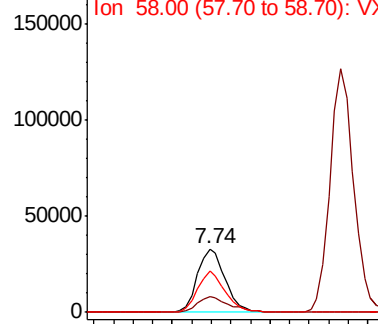
#49  
1,4-Dioxane  
Concen: 966.210 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 88 Resp: 64855  
Ion Ratio Lower Upper  
88 100  
43 29.3 22.9 34.3  
58 64.6 49.8 74.8

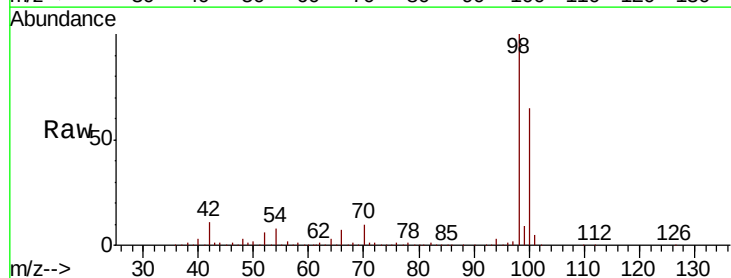


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

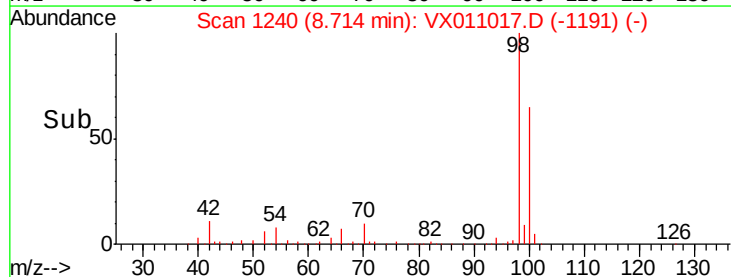
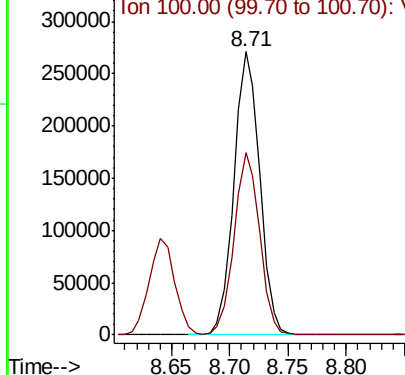


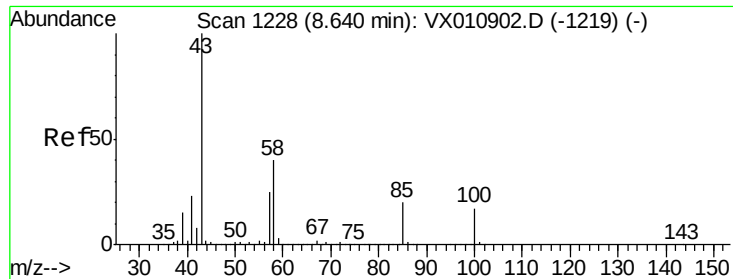
#50  
Toluene-d8  
Concen: 49.334 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 98 Resp: 418298  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.6 75.8



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





#51

4-Methyl-2-Pentanone

Concen: 258.001 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

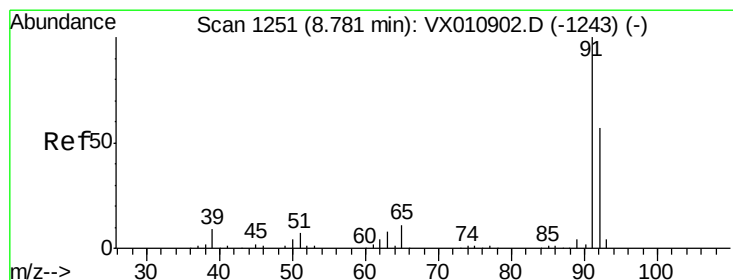
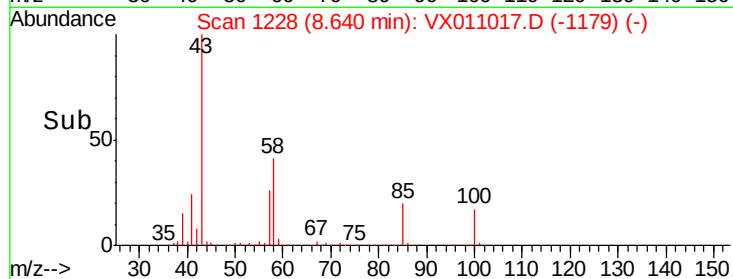
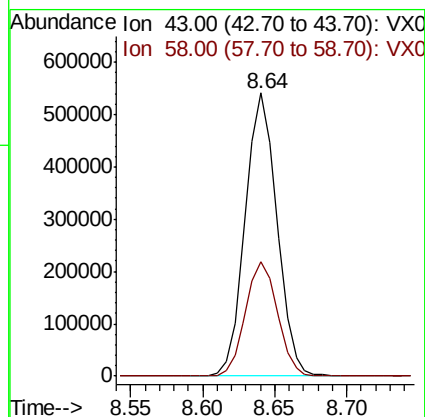
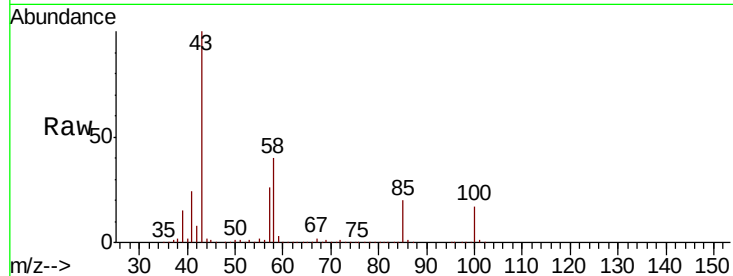
VSTDCCC050EC

Tot Ion: 43 Resp: 823826

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.4



#52

Toluene

Concen: 47.771 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011017.D

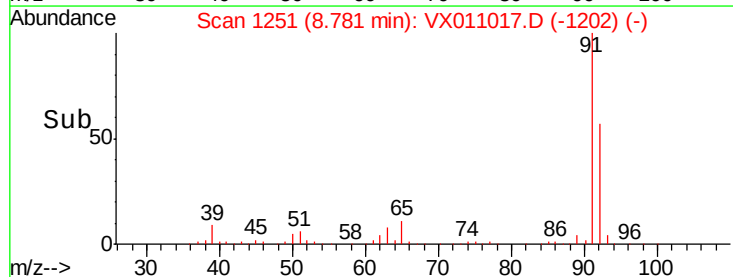
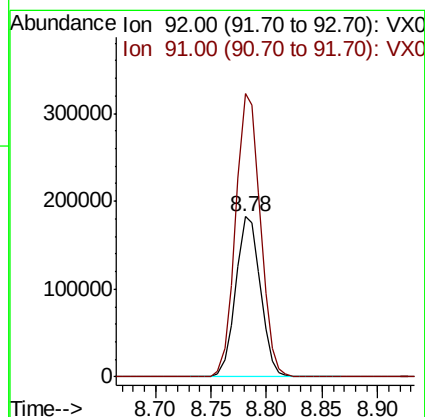
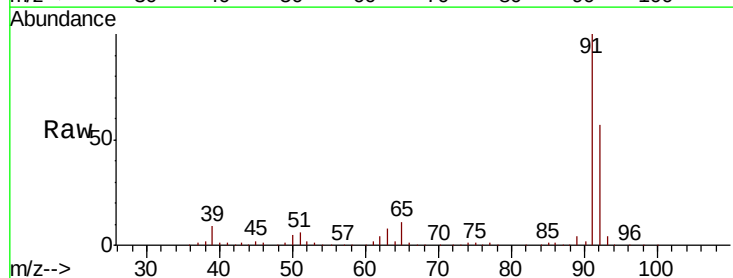
Acq: 19 Jul 2019 20:55

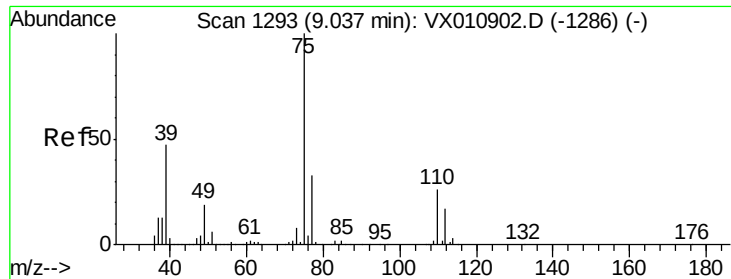
Tgt Ion: 92 Resp: 281238

Ion Ratio Lower Upper

92 100

91 177.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 49.918 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

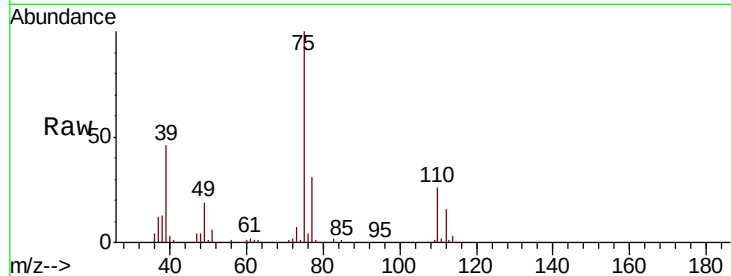
VSTDCCC050EC

Tot Ion: 75 Resp: 155724

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

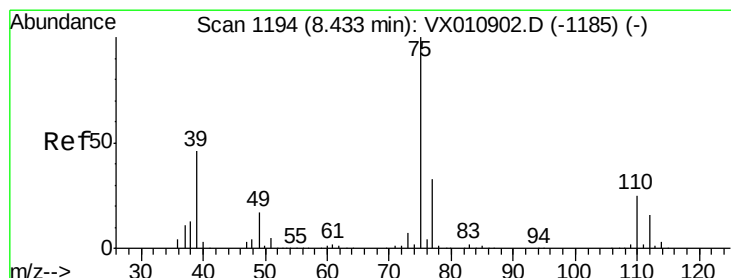
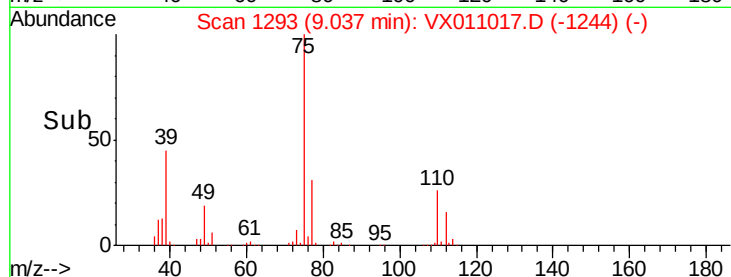
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.406 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

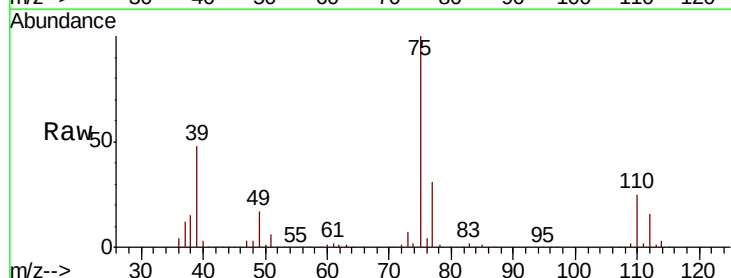
Tgt Ion: 75 Resp: 171505

Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

39 47.8 36.6 54.8



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

8.43

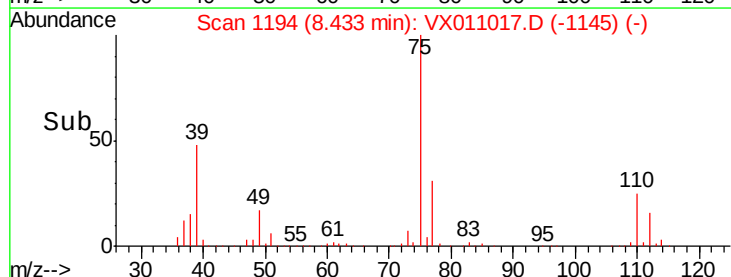
150000

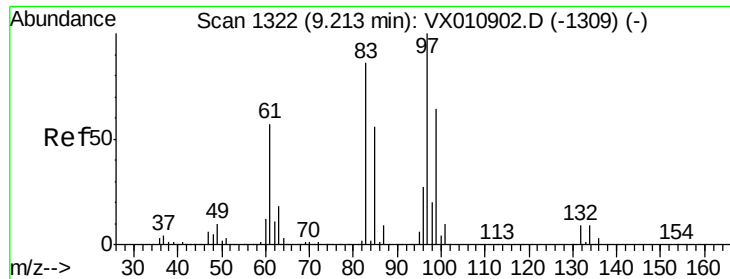
100000

50000

0

Time-->

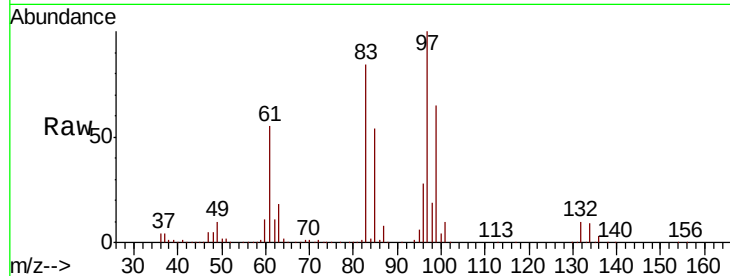




#55  
1,1,2-Trichloroethane  
Concen: 49.225 ug/l  
RT: 9.21 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 119321 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.1  | 69.2  | 103.8  |
| 85       | 53.7  | 44.6  | 66.8   |
| 99       | 64.5  | 51.2  | 76.8   |



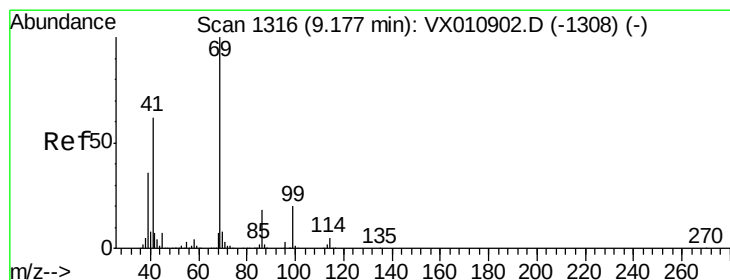
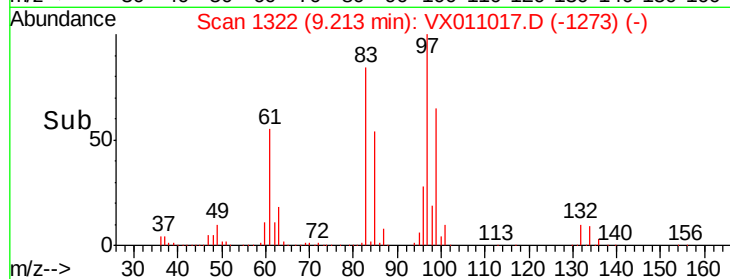
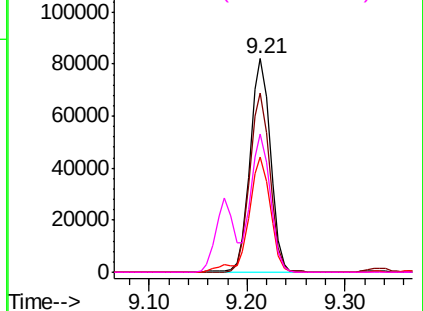
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

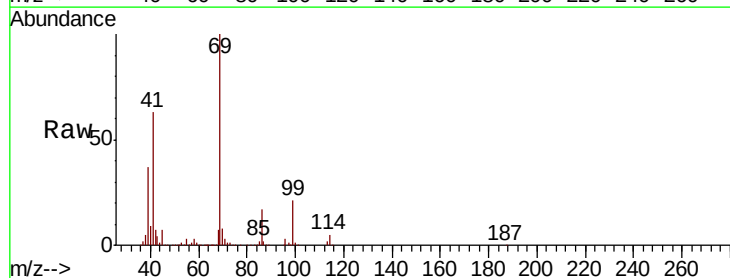
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56  
Ethyl methacrylate  
Concen: 52.586 ug/l  
RT: 9.18 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 186457 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.6  | 49.7  | 74.5   |
| 39       | 37.2  | 29.6  | 44.4   |

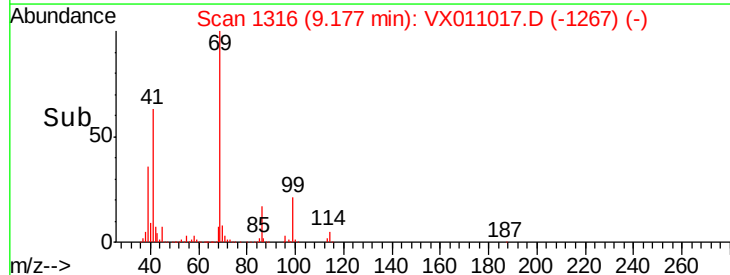
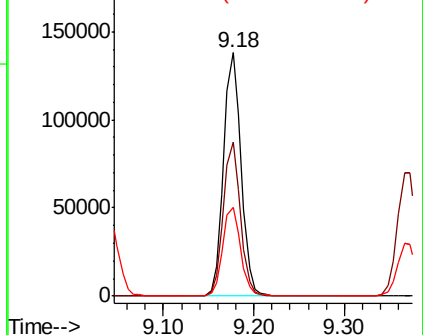


Abundance

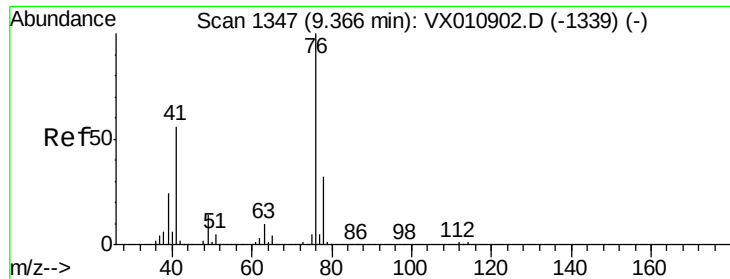
Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0







#57

1,3-Dichloropropane

Concen: 48.860 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

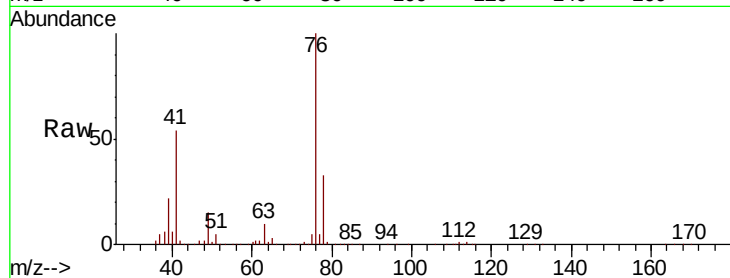
VSTDCCC050EC

Tot Ion: 76 Resp: 187886

Ion Ratio Lower Upper

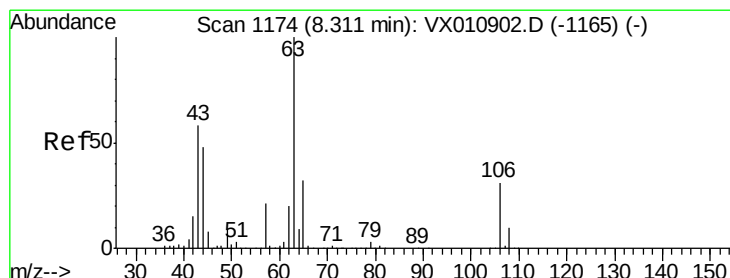
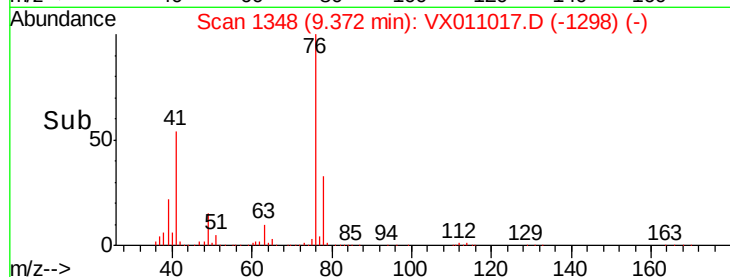
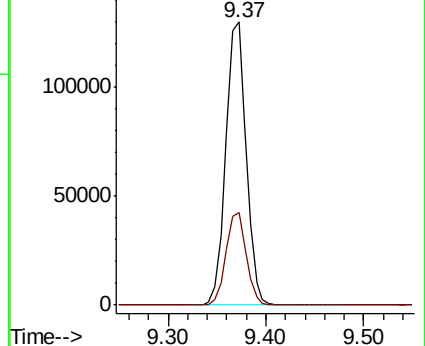
76 100

78 32.7 25.6 38.4



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: 250.854 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011017.D

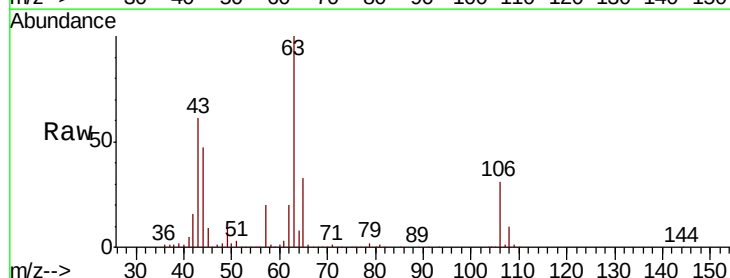
Acq: 19 Jul 2019 20:55

Tgt Ion: 63 Resp: 424596

Ion Ratio Lower Upper

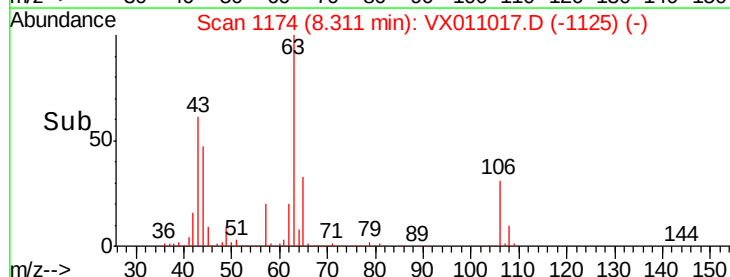
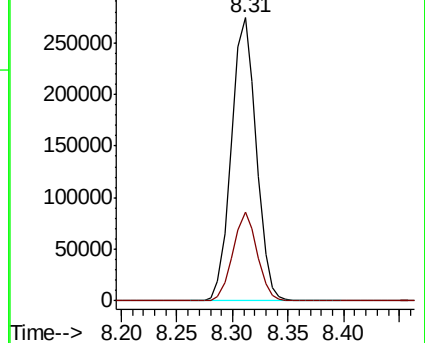
63 100

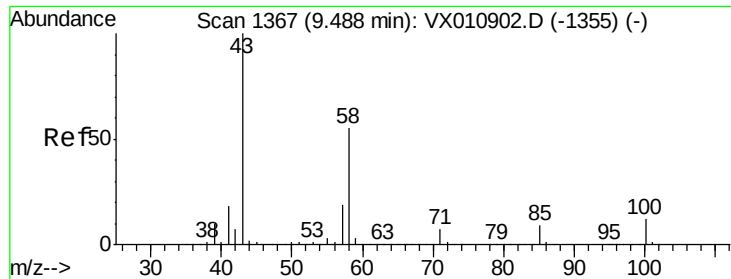
106 30.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

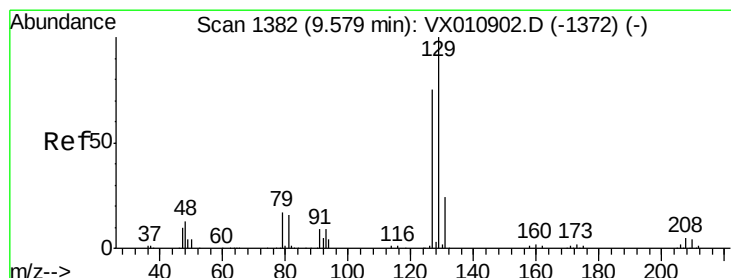
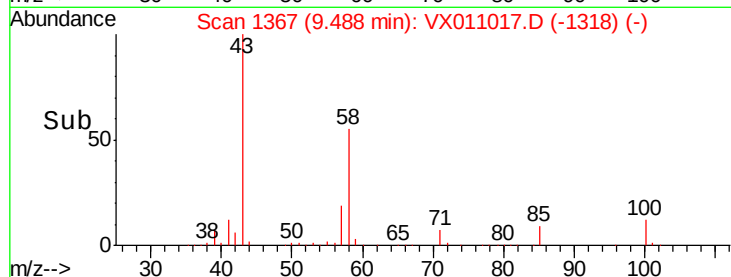
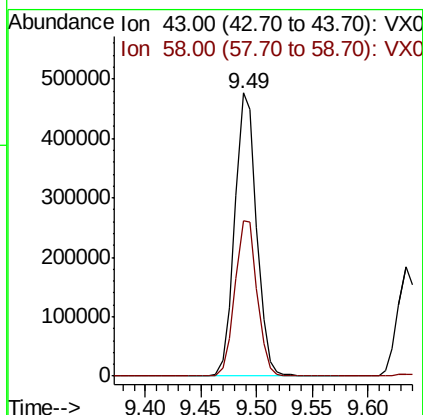
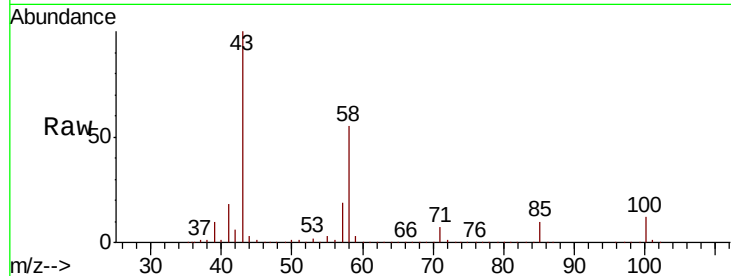




#59  
2-Hexanone  
Concen: 260.372 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

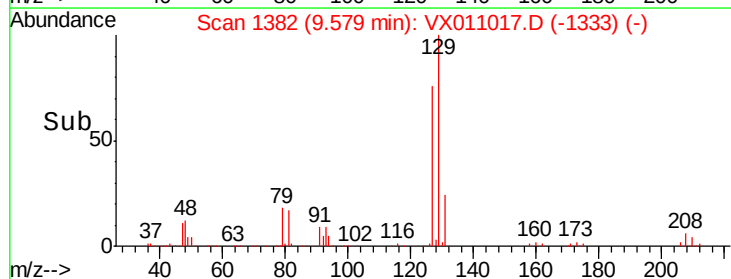
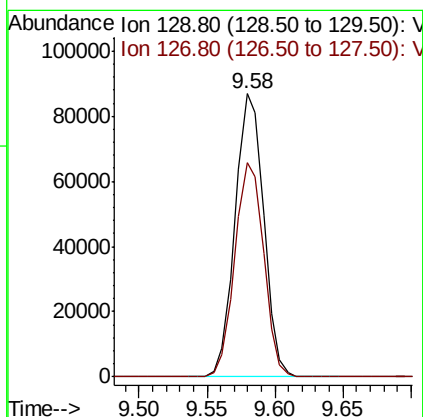
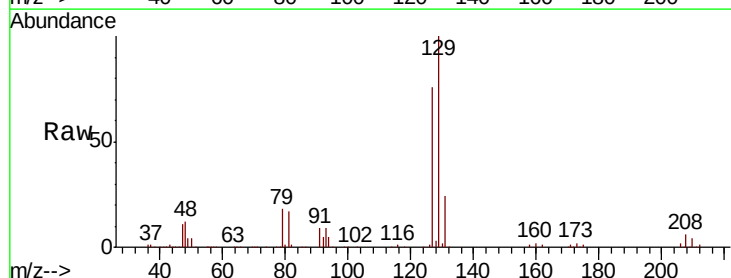
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

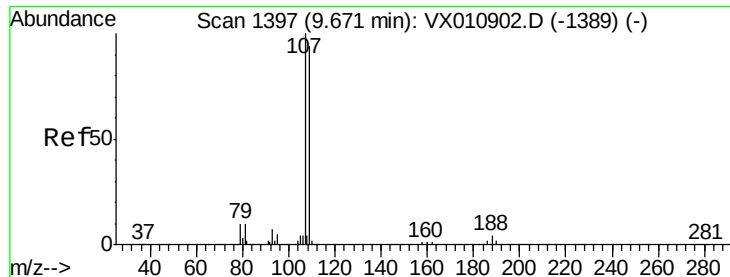
Tot Ion: 43 Resp: 644846  
Ion Ratio Lower Upper  
43 100  
58 56.4 28.0 83.9



#60  
Dibromochloromethane  
Concen: 45.936 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion:129 Resp: 127545  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.722 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

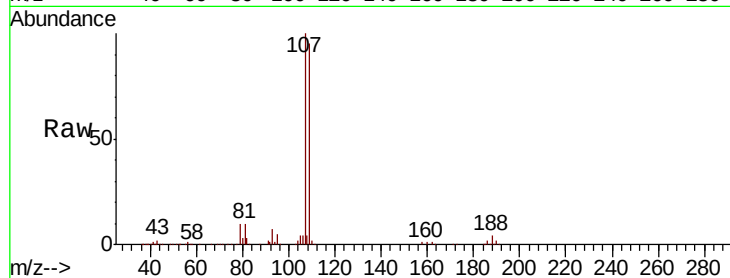
VSTDCCC050EC

Tot Ion:107 Resp: 127911

Ion Ratio Lower Upper

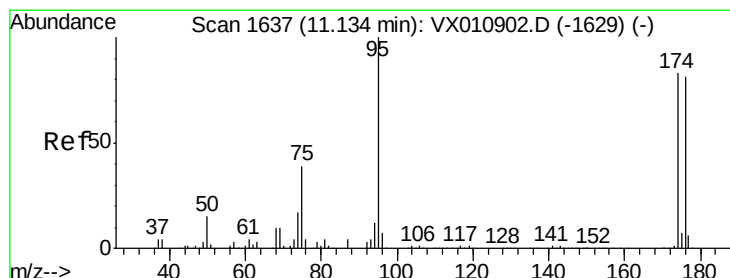
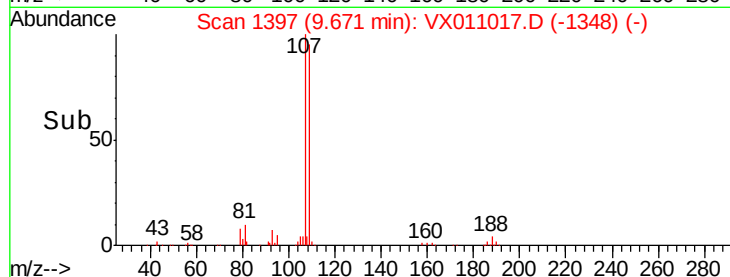
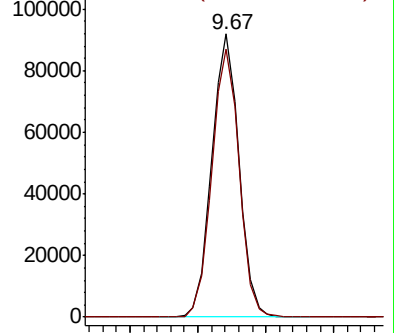
107 100

109 95.2 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.470 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

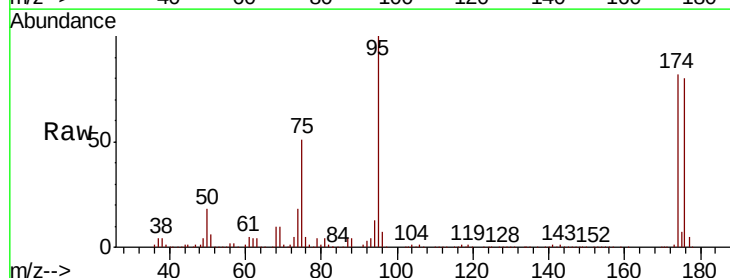
Tgt Ion: 95 Resp: 160412

Ion Ratio Lower Upper

95 100

174 86.6 0.0 180.6

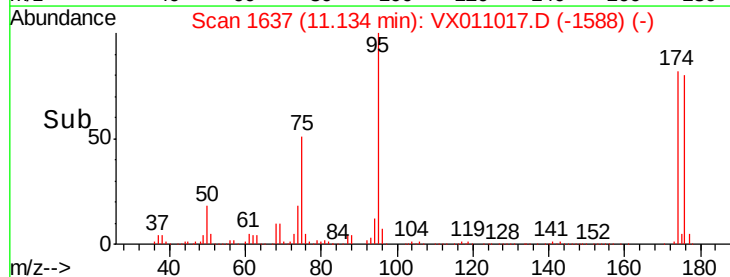
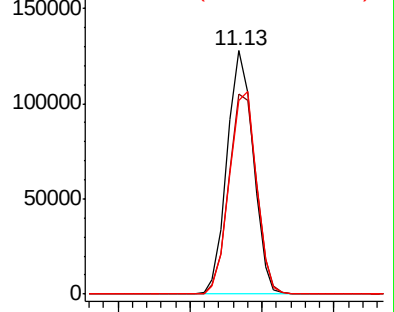
176 86.2 0.0 173.8

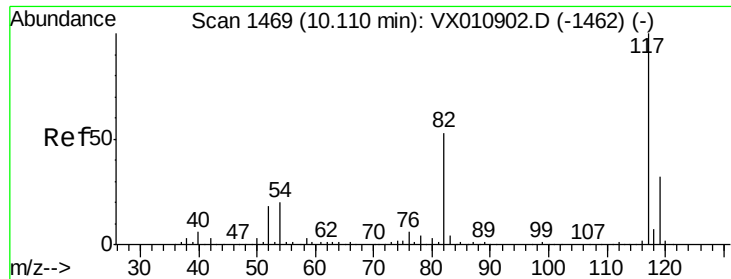


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

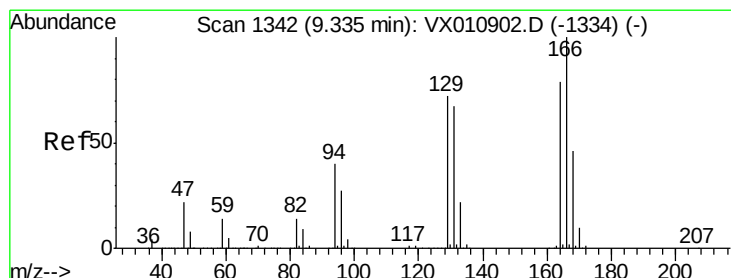
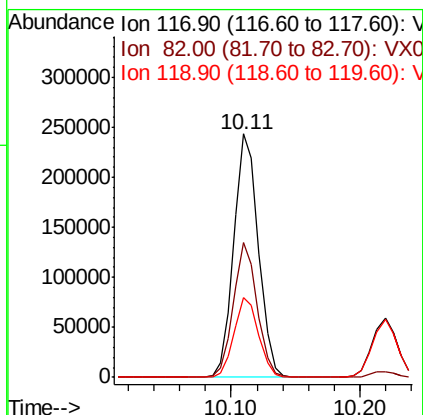
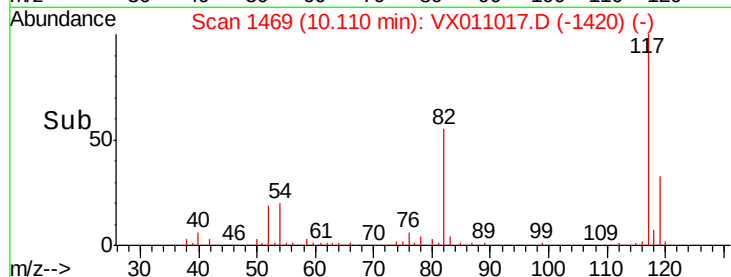
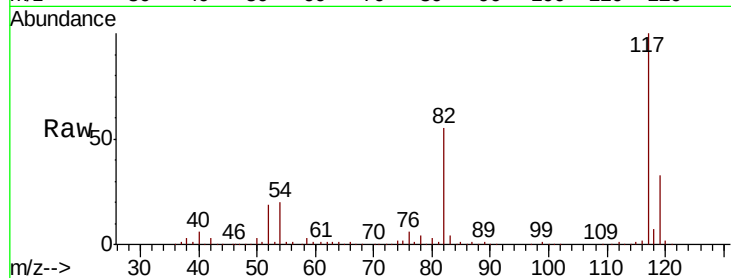




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

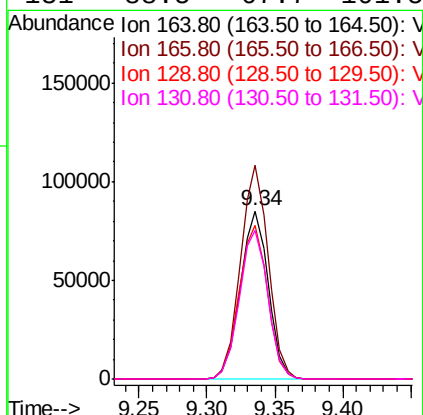
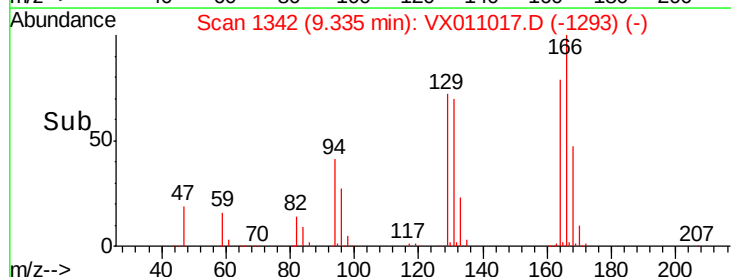
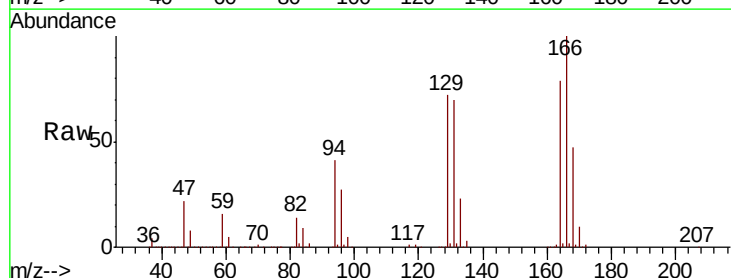
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

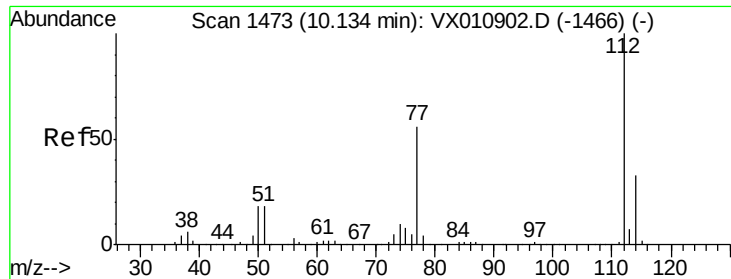
Tot Ion:117 Resp: 324982  
Ion Ratio Lower Upper  
117 100  
82 55.3 42.6 63.8  
119 32.7 25.9 38.9



#64  
Tetrachloroethene  
Concen: 47.662 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion:164 Resp: 121851  
Ion Ratio Lower Upper  
164 100  
166 127.0 100.8 151.2  
129 91.7 72.6 109.0  
131 88.5 67.7 101.5

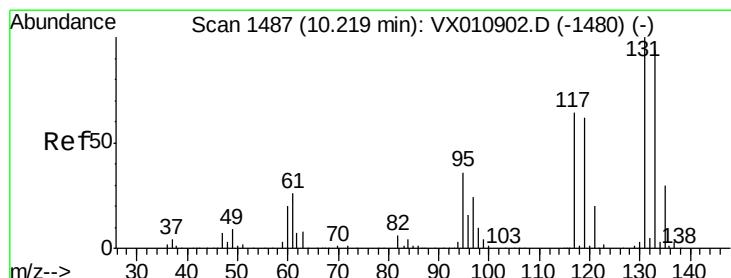
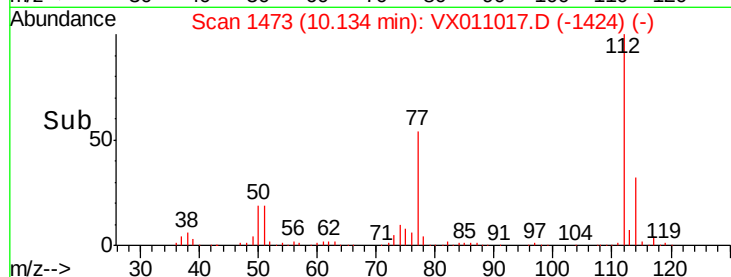
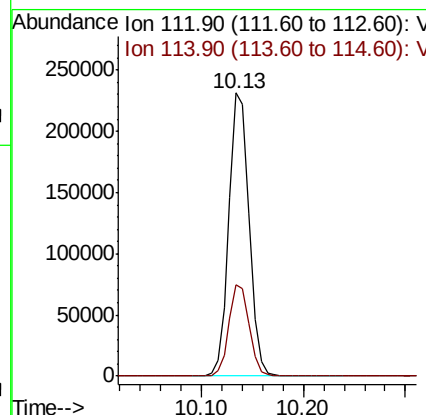
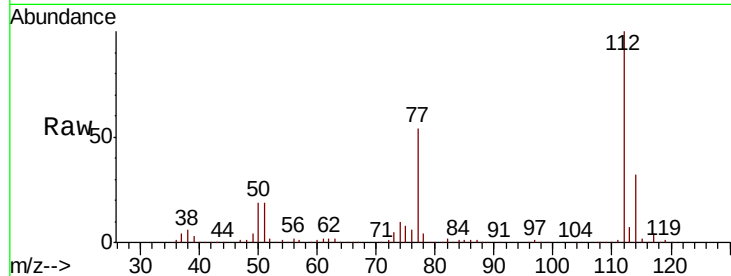




#65  
Chlorobenzene  
Concen: 47.621 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

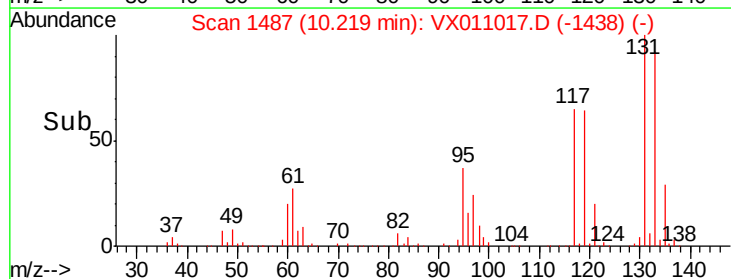
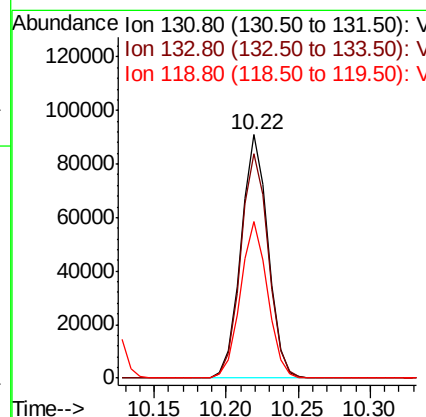
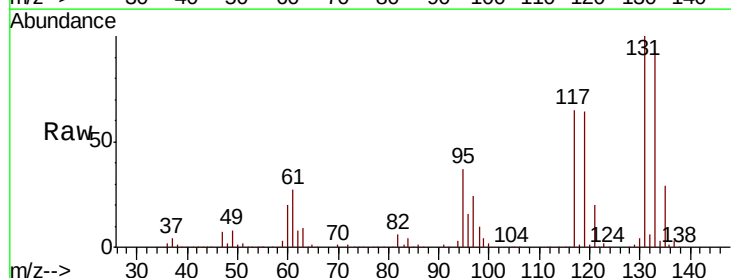
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

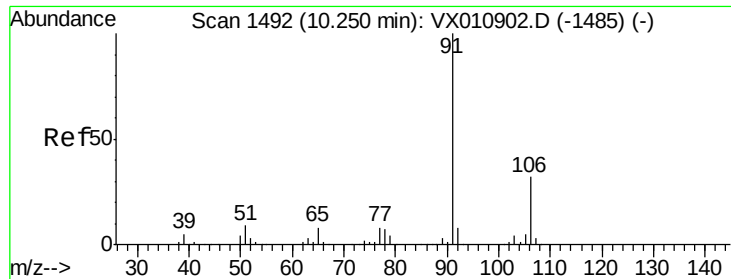
Tot Ion:112 Resp: 317863  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.742 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion:131 Resp: 119036  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.1 141.4  
119 64.4 31.9 95.7

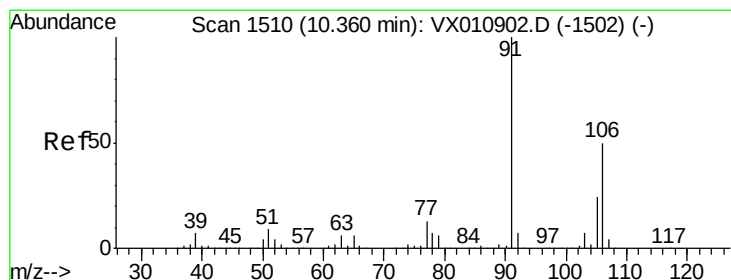
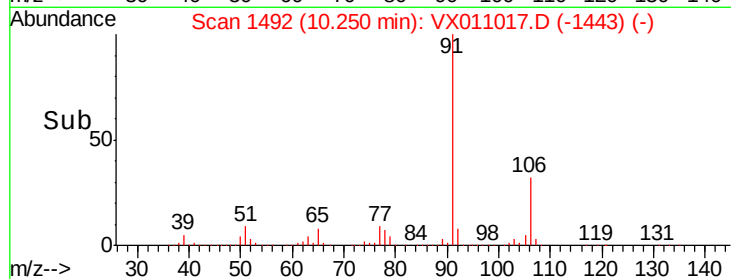
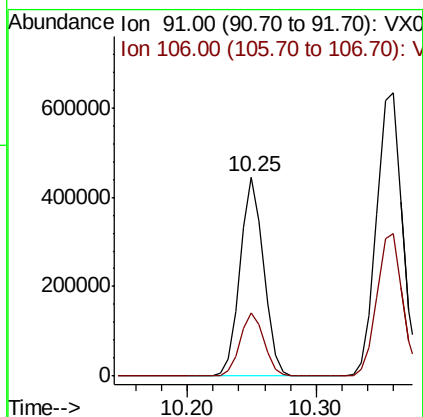
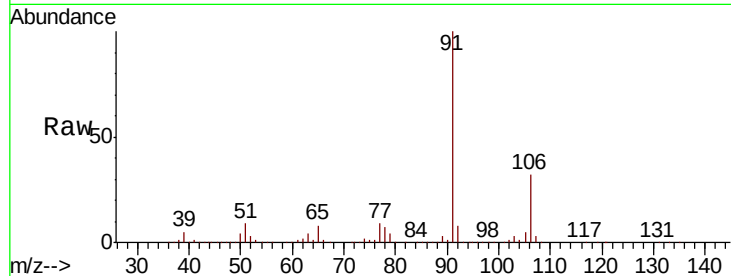




#67  
Ethyl Benzene  
Concen: 49.417 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

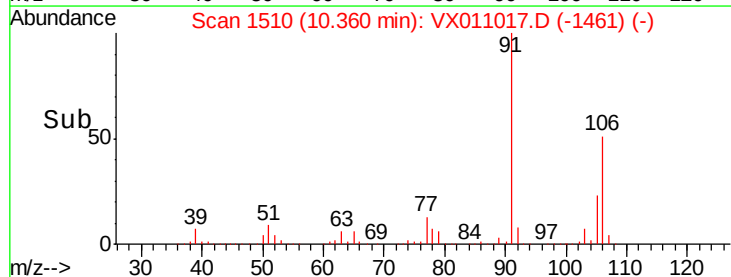
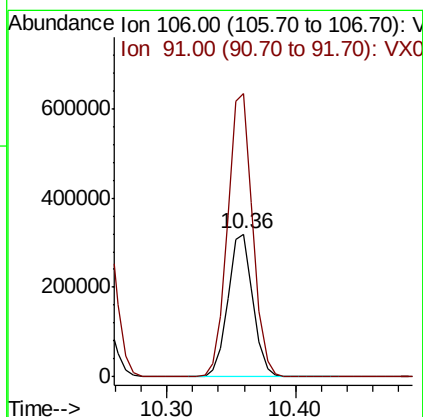
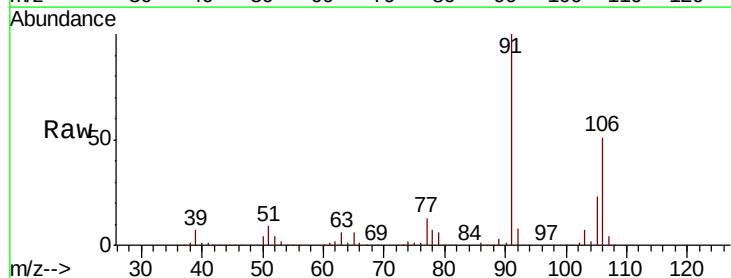
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

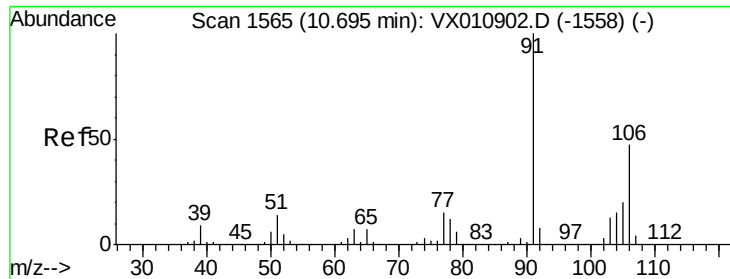
Tot Ion: 91 Resp: 561451  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.4 38.2



#68  
m/p-Xylenes  
Concen: 99.296 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 106 Resp: 432745  
Ion Ratio Lower Upper  
106 100  
91 200.3 160.1 240.1

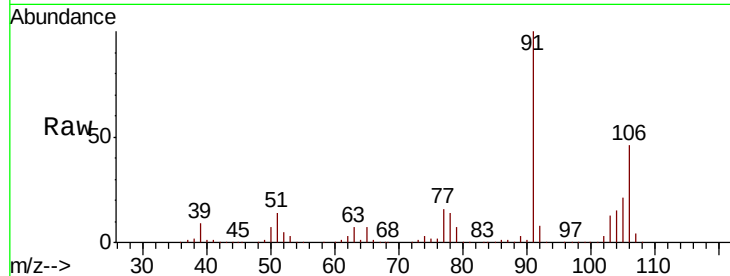




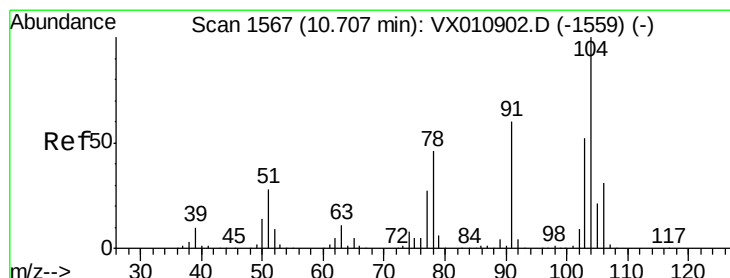
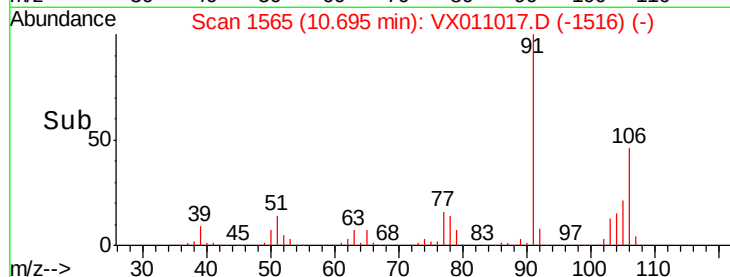
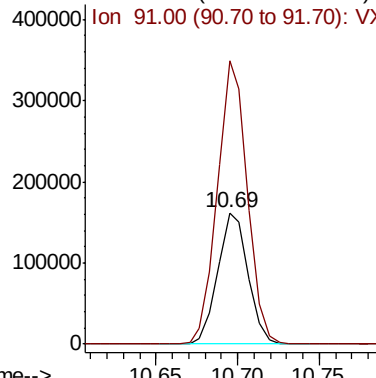
#69  
o-Xylene  
Concen: 49.394 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 210091  
Ion Ratio Lower Upper  
106 100  
91 213.4 105.1 315.3

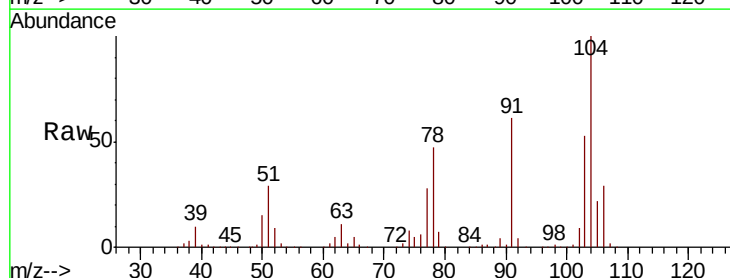


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

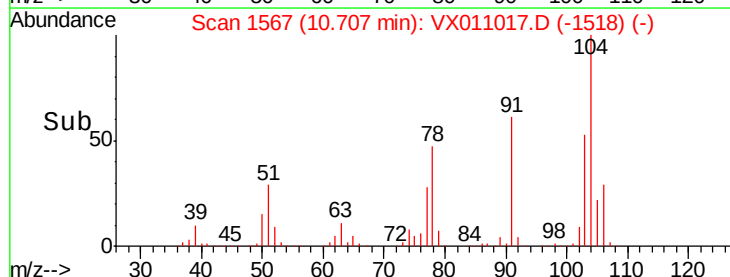
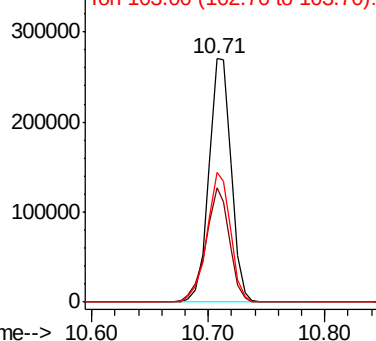


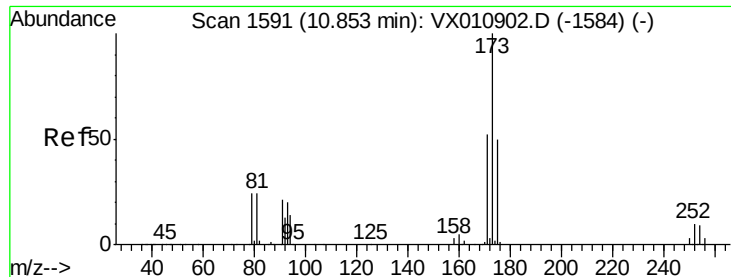
#70  
Styrene  
Concen: 50.772 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion:104 Resp: 359988  
Ion Ratio Lower Upper  
104 100  
78 49.6 38.8 58.2  
103 56.2 44.2 66.4



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





#71

Bromoform

Concen: 44.803 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

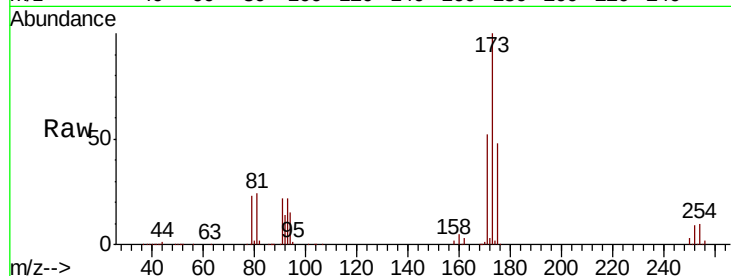
Tot Ion:173 Resp: 95102

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.6

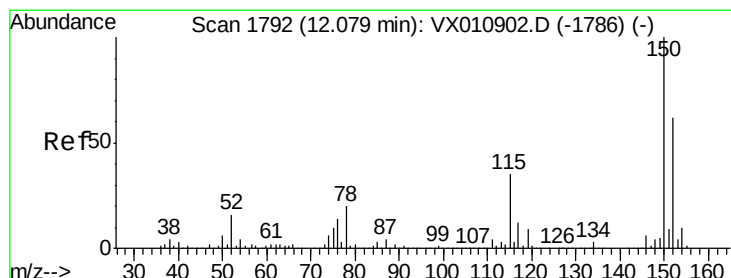
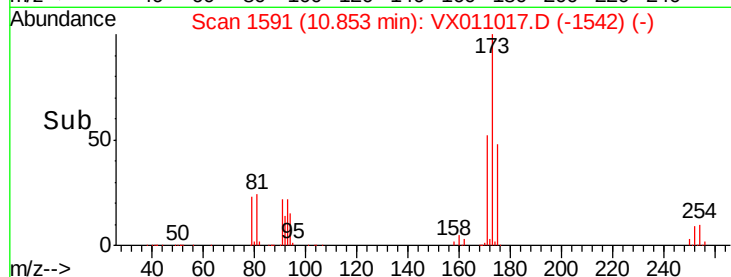
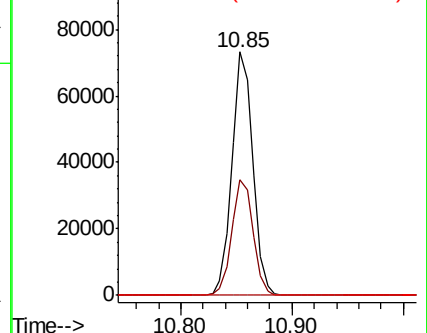
254 0.1 0.1 0.1#



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: VX011017.D

Acq: 19 Jul 2019 20:55

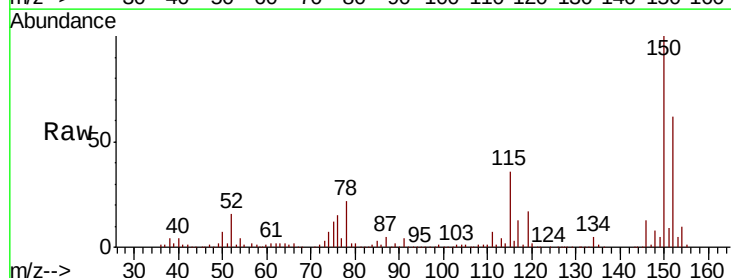
Tgt Ion:152 Resp: 173662

Ion Ratio Lower Upper

152 100

115 80.8 39.7 119.1

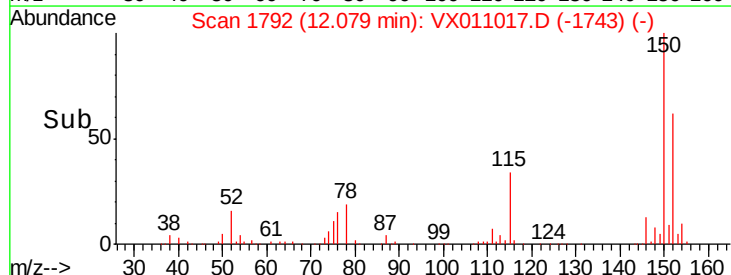
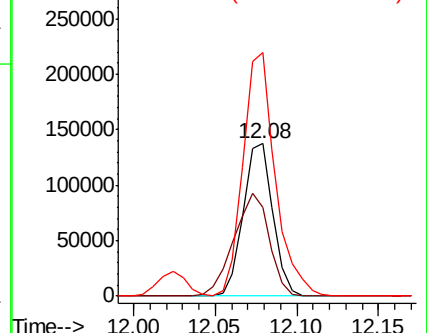
150 173.8 0.0 345.6



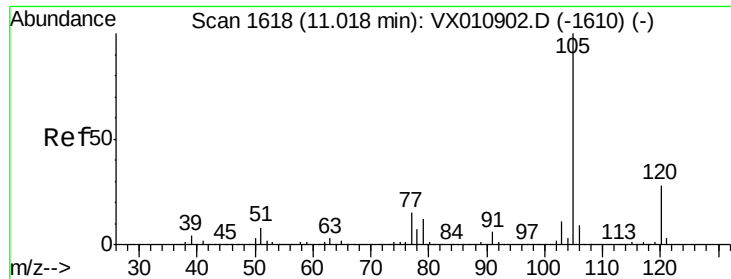
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 48.315 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

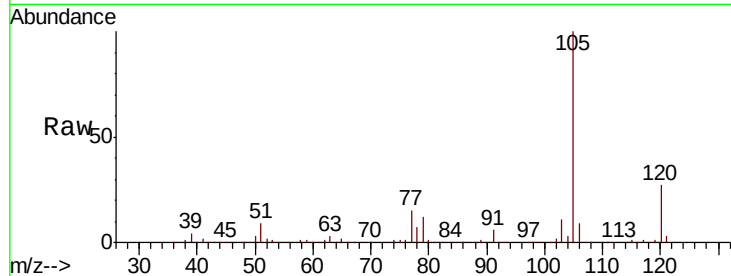
VSTDCCC050EC

Tot Ion:105 Resp: 566940

Ion Ratio Lower Upper

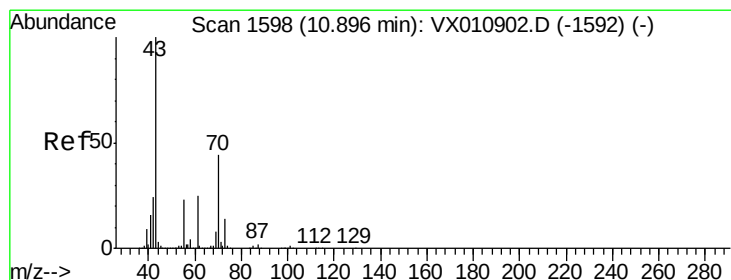
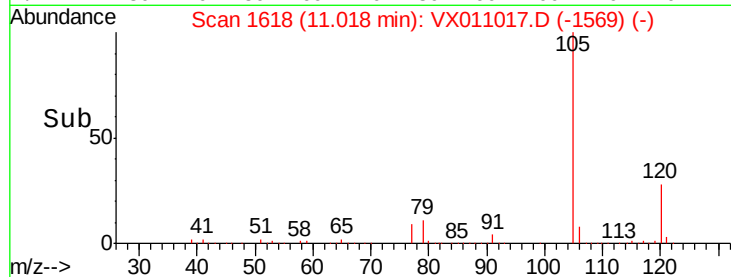
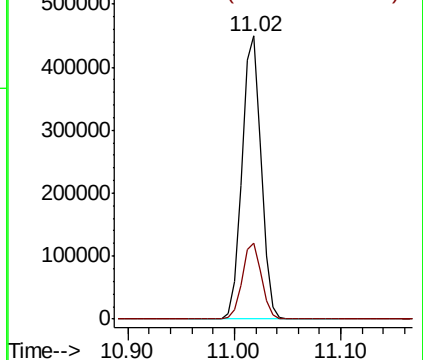
105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.063 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion: 43 Resp: 228946

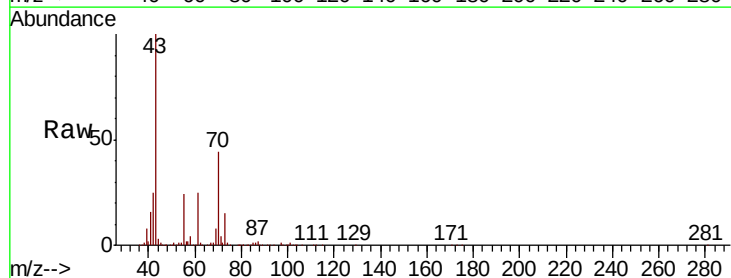
Ion Ratio Lower Upper

43 100

70 43.8 34.7 52.1

55 24.1 19.1 28.7

61 24.9 19.9 29.9

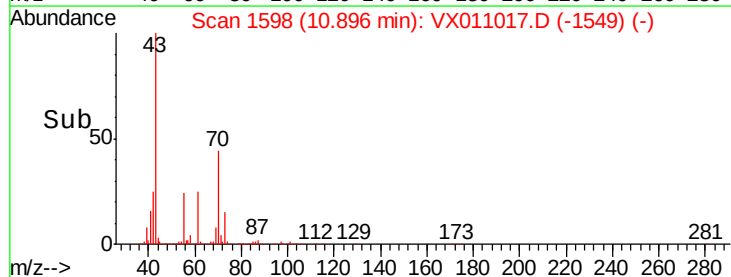
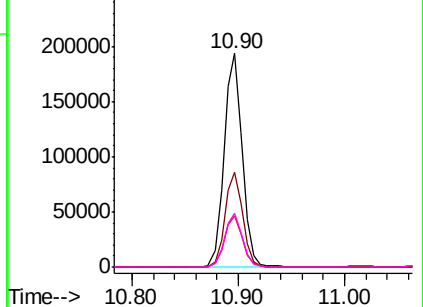


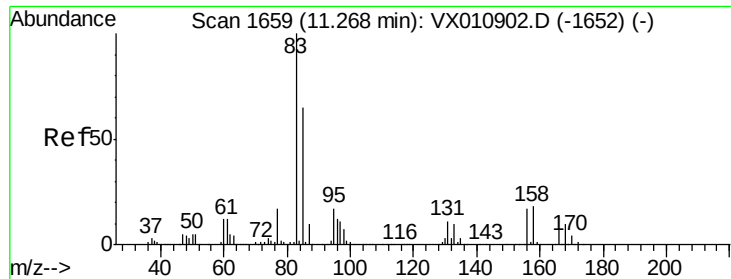
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.000 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

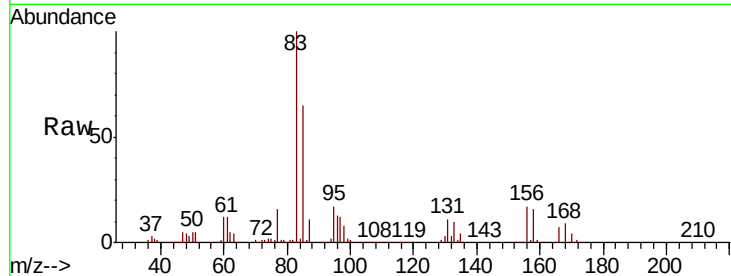
Tot Ion: 83 Resp: 188166

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

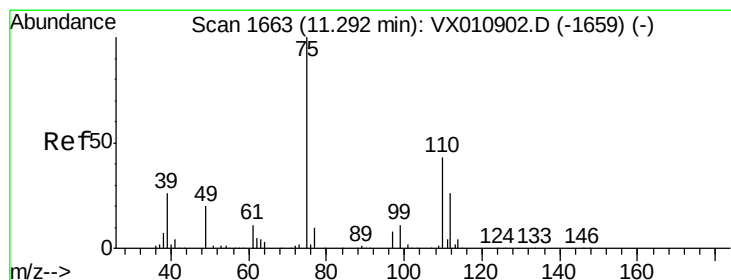
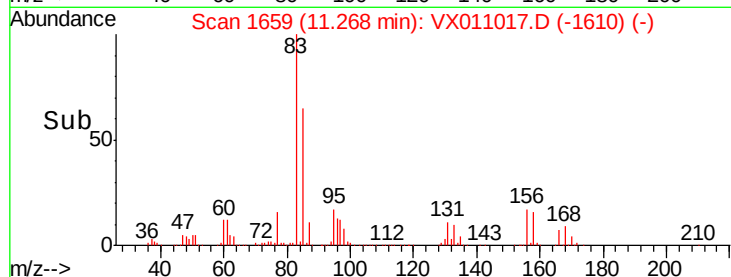
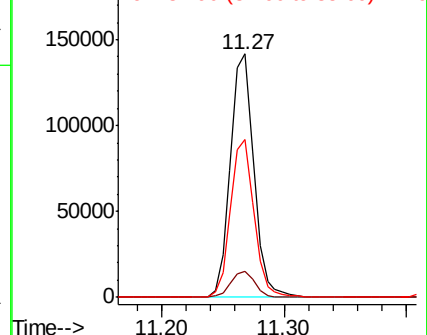
85 64.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.369 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011017.D

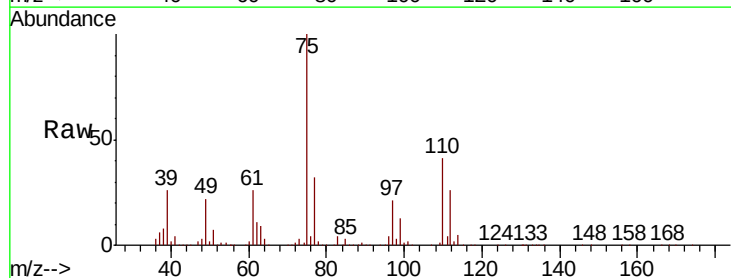
Acq: 19 Jul 2019 20:55

Tgt Ion: 75 Resp: 204855

Ion Ratio Lower Upper

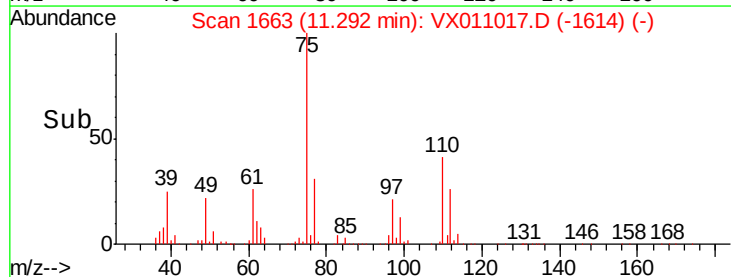
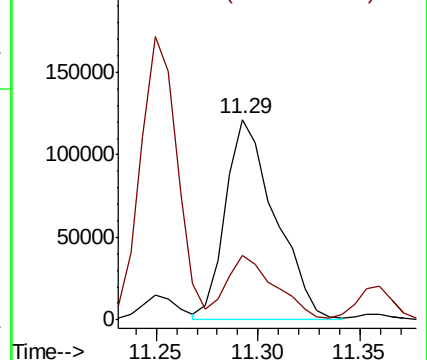
75 100

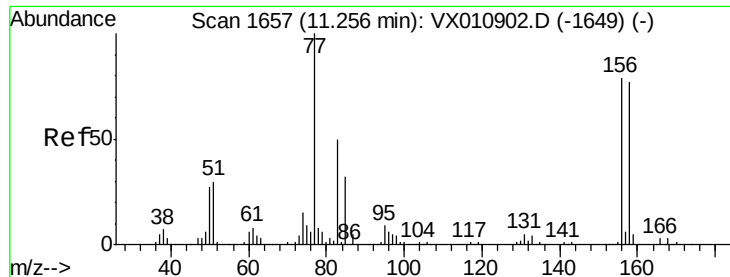
77 31.4 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.756 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

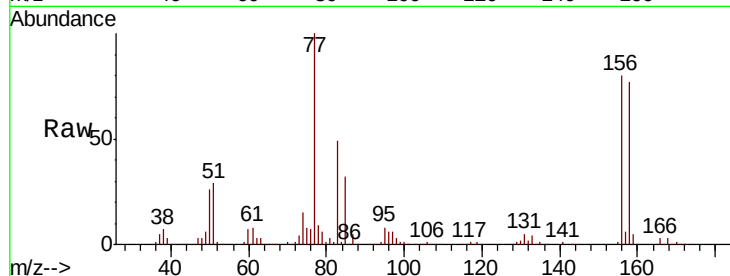
Tot Ion:156 Resp: 154574

Ion Ratio Lower Upper

156 100

77 139.5 68.7 206.1

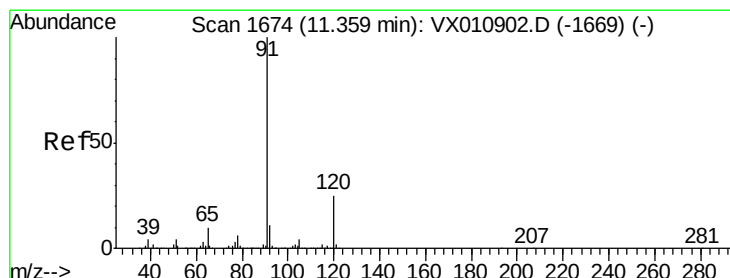
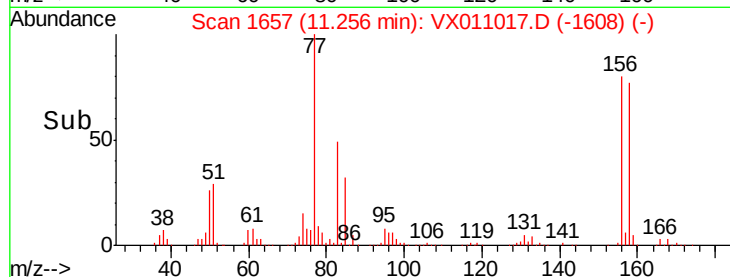
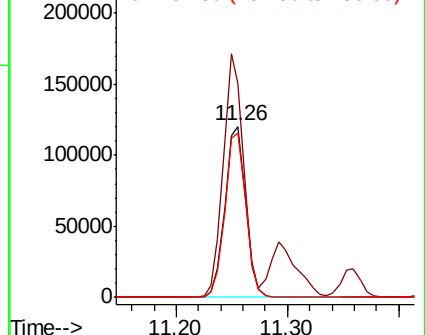
158 97.3 47.9 143.7



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: 49.248 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011017.D

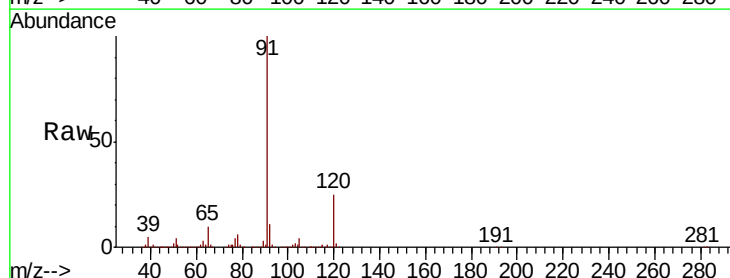
Acq: 19 Jul 2019 20:55

Tgt Ion: 91 Resp: 638520

Ion Ratio Lower Upper

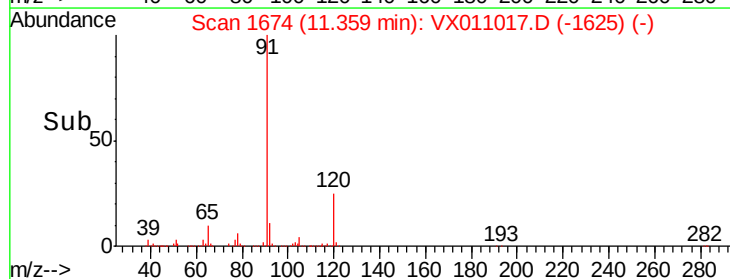
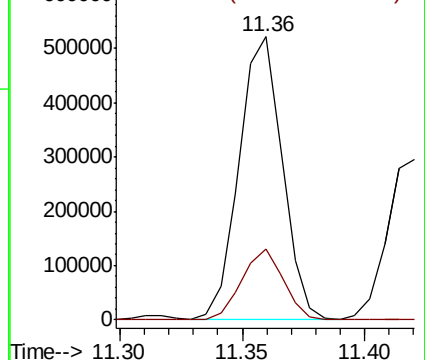
91 100

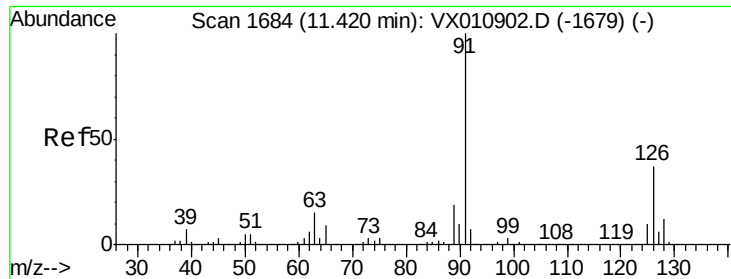
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.171 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

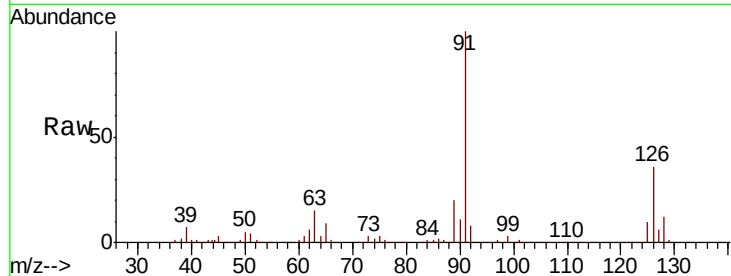
VSTDCCC050EC

Tot Ion: 91 Resp: 375186

Ion Ratio Lower Upper

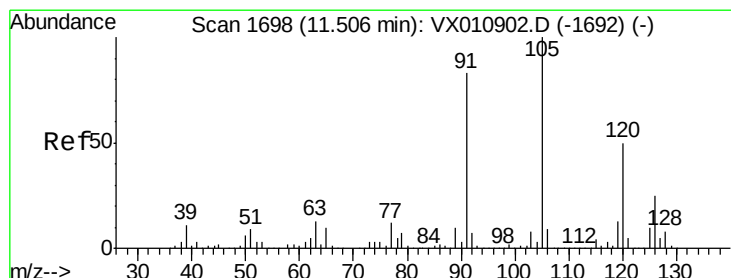
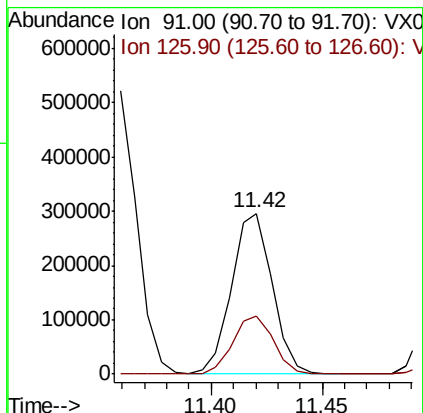
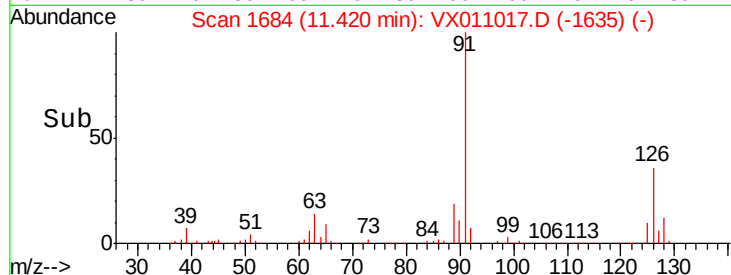
91 100

126 36.5 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX011017.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011017.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.428 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011017.D

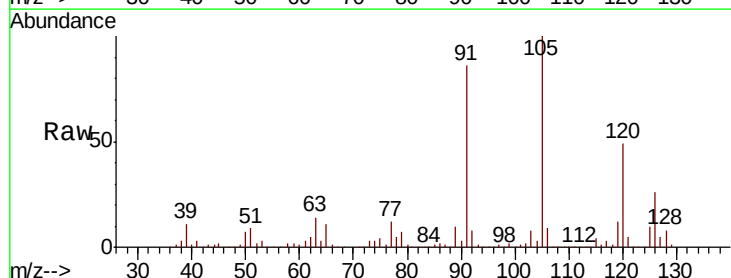
Acq: 19 Jul 2019 20:55

Tgt Ion: 105 Resp: 484652

Ion Ratio Lower Upper

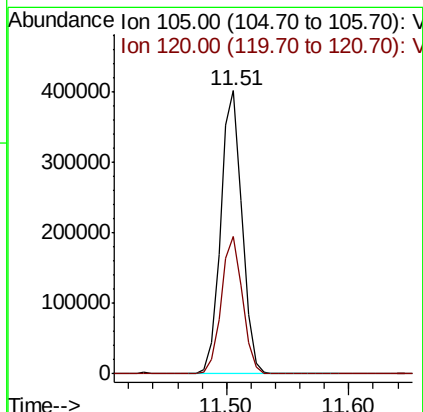
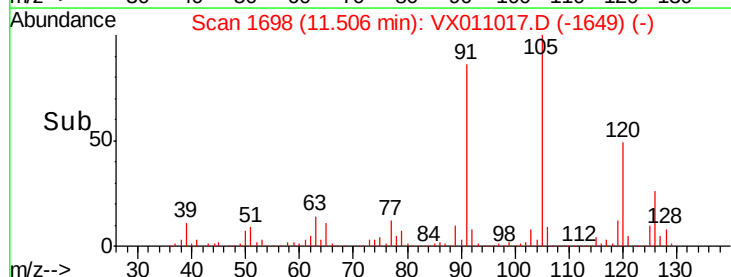
105 100

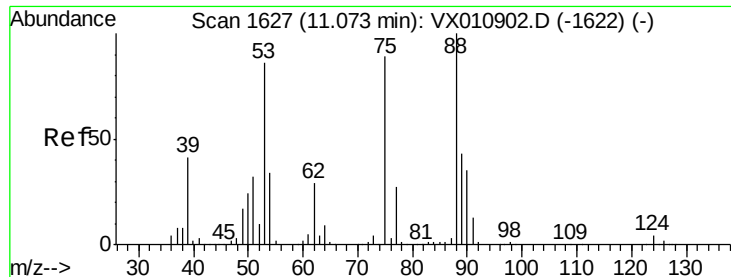
120 48.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011017.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011017.D (-1649) (-)

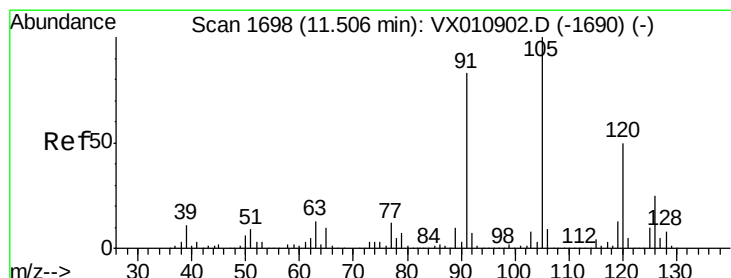
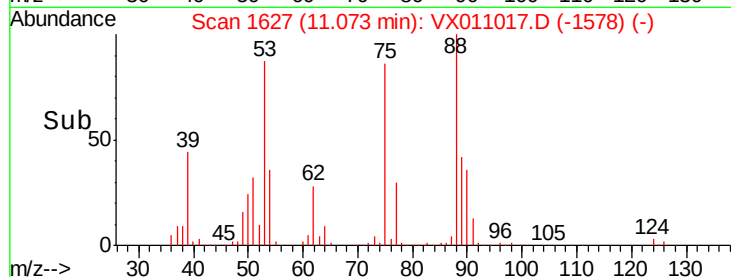
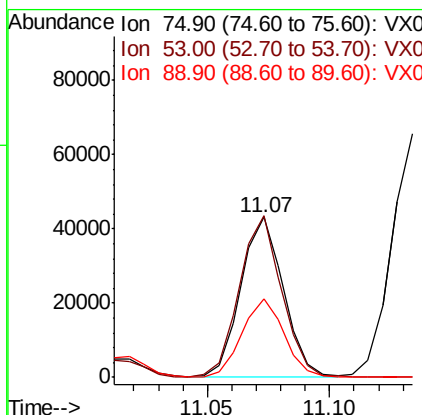
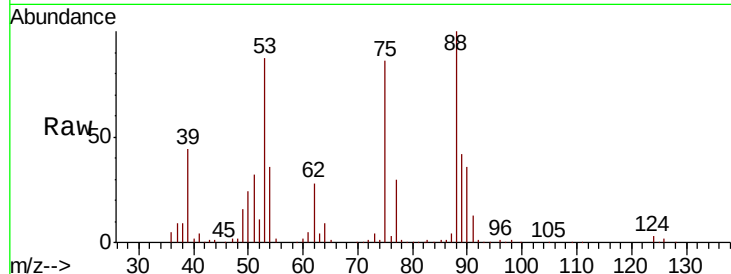




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.736 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

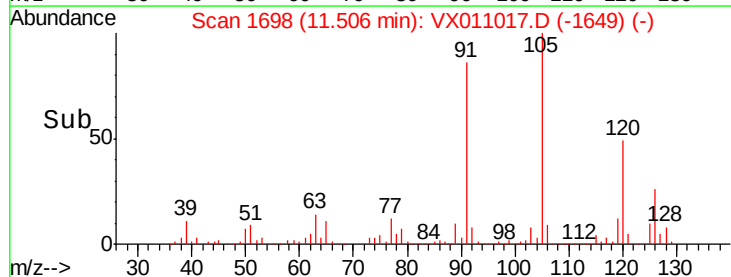
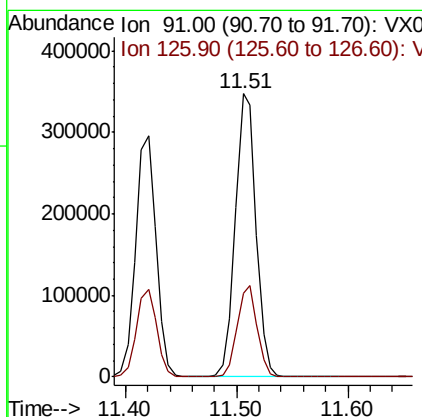
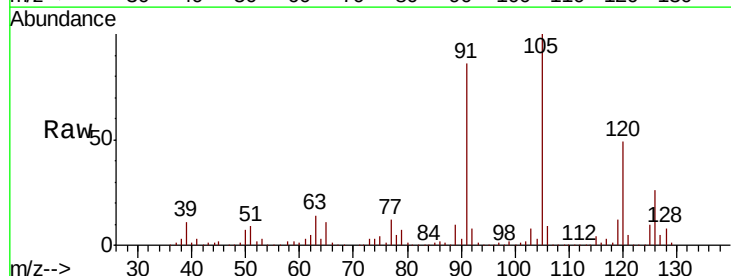
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

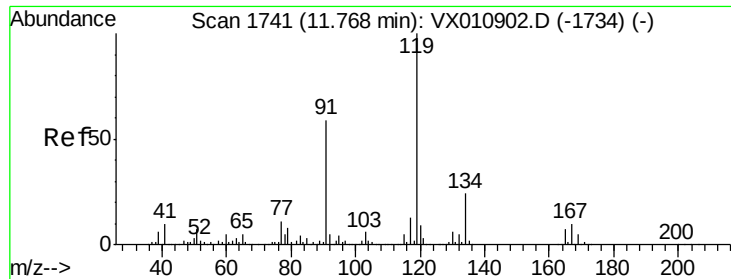
Tot Ion: 75 Resp: 52084  
Ion Ratio Lower Upper  
75 100  
53 100.4 76.7 115.1  
89 49.0 38.5 57.7



#82  
4-Chlorotoluene  
Concen: 49.114 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 91 Resp: 445223  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.9 47.7

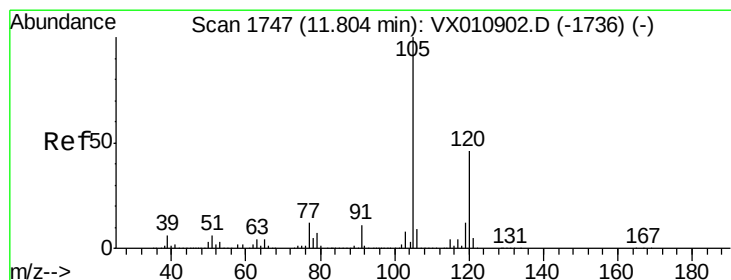
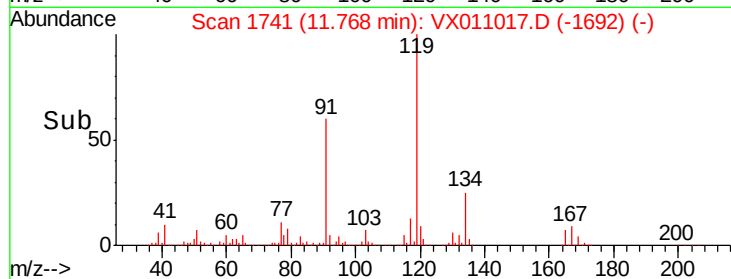
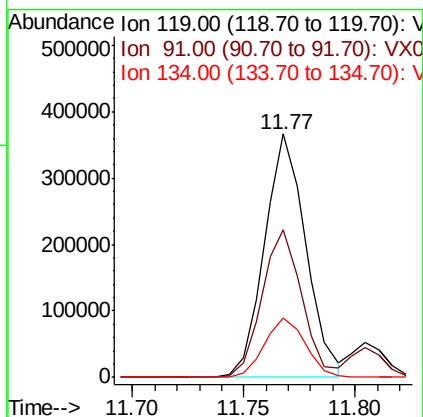
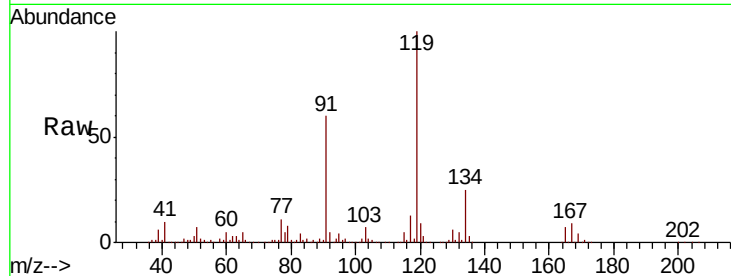




#83  
 tert-Butylbenzene  
 Concen: 48.999 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

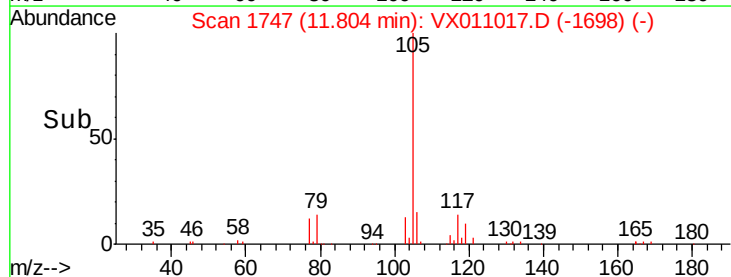
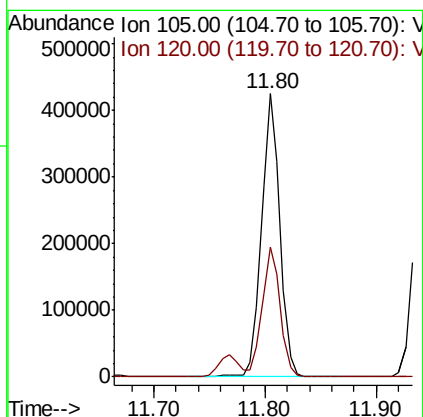
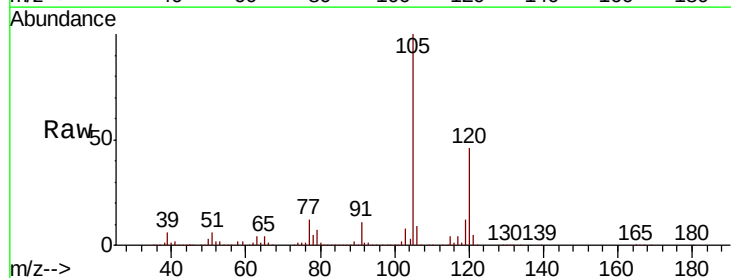
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

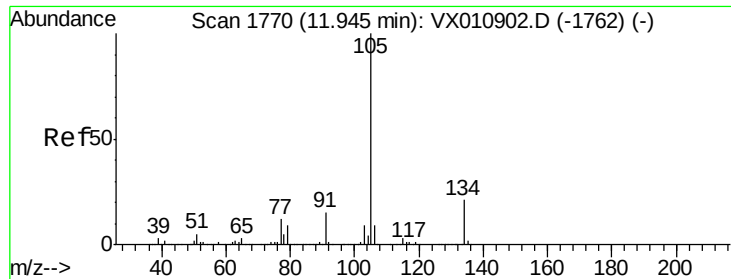
Tot Ion:119 Resp: 471919  
 Ion Ratio Lower Upper  
 119 100  
 91 58.7 28.6 85.8  
 134 24.1 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.580 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Tgt Ion:105 Resp: 489985  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 50.066 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA\_X

ClientSampleId :

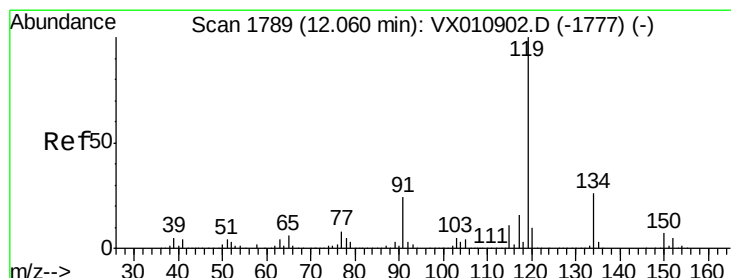
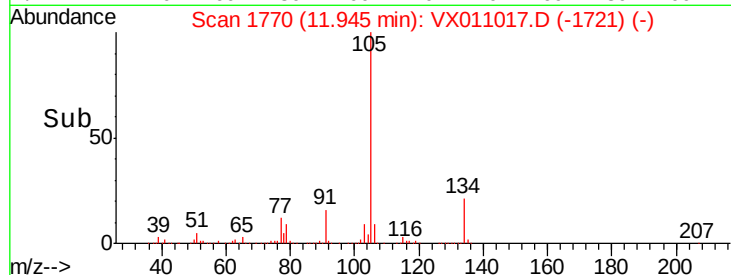
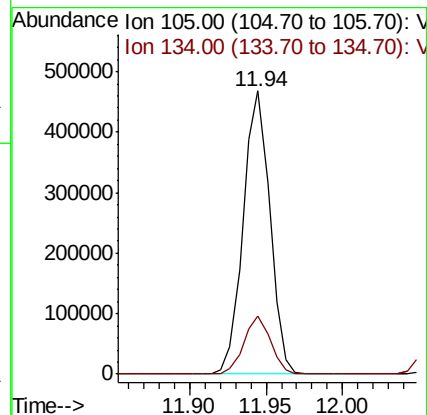
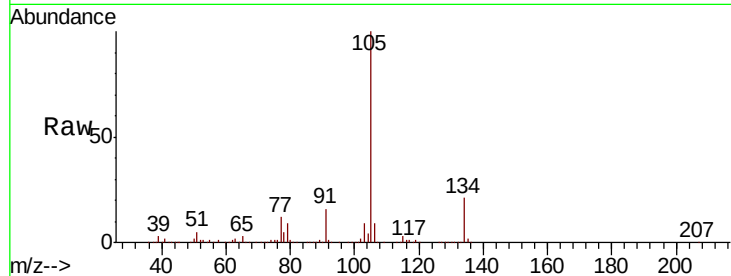
VSTDCCC050EC

Tot Ion:105 Resp: 565005

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.4



#86

p-Isopropyltoluene

Concen: 49.818 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

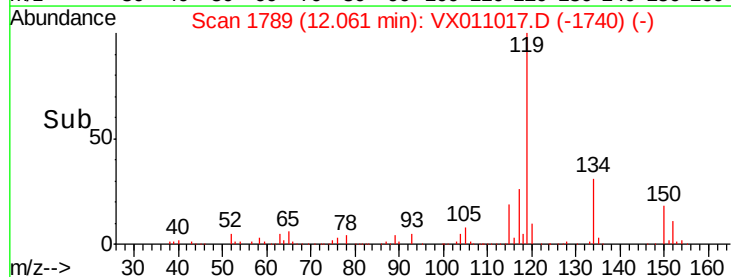
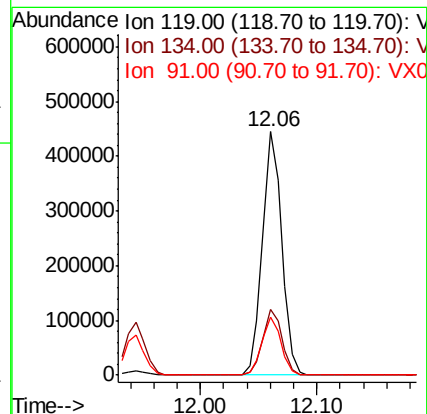
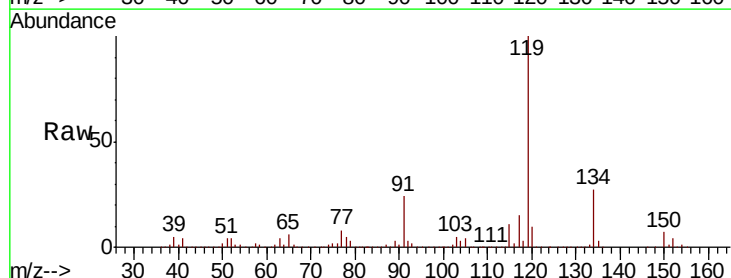
Tgt Ion:119 Resp: 519756

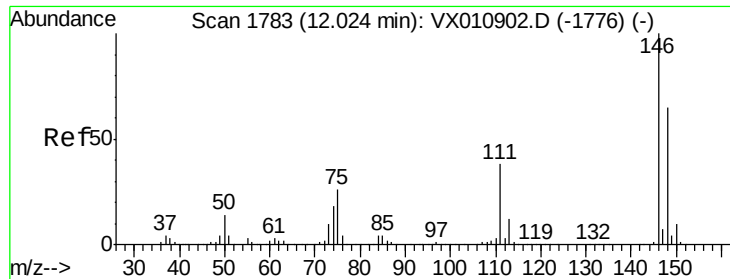
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.6 11.8 35.4

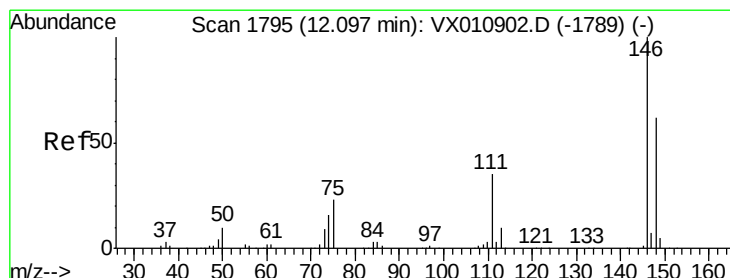
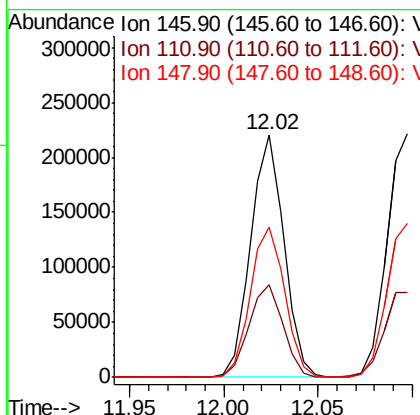
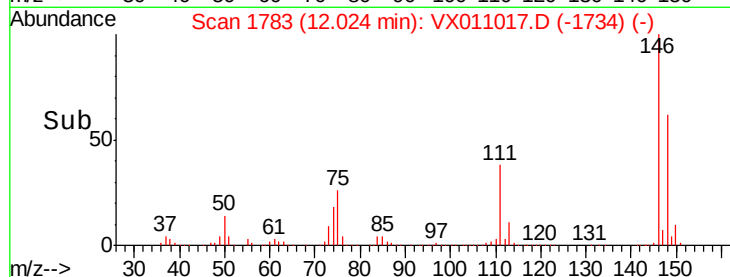
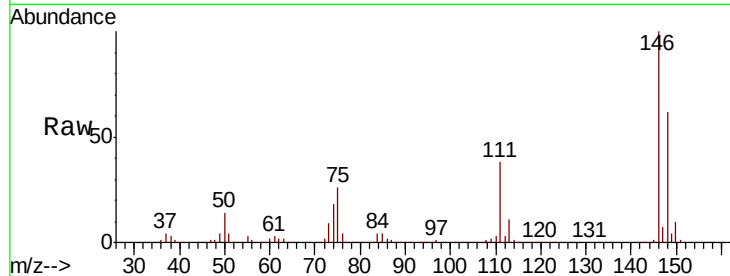




#87  
 1,3-Dichlorobenzene  
 Concen: 48.350 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

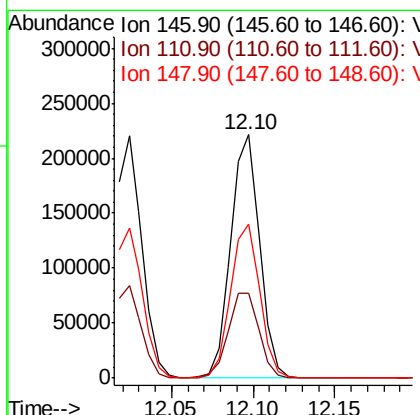
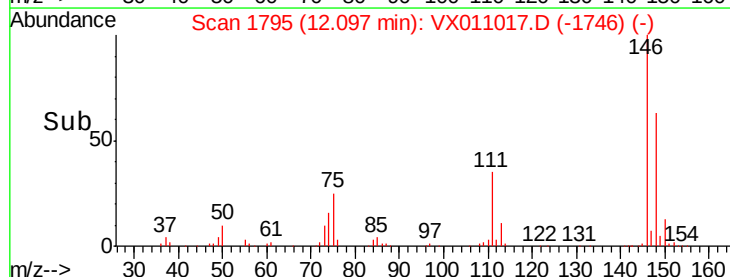
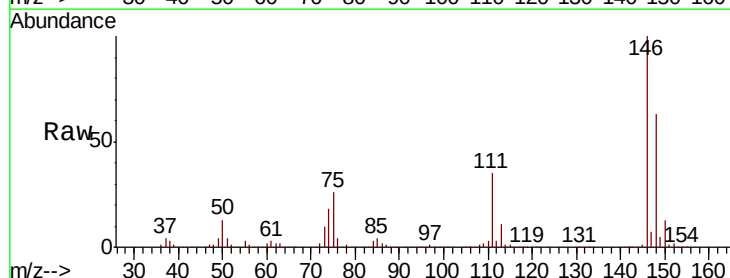
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:146 Resp: 271584  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 18.9 56.9  
 148 63.8 32.2 96.6

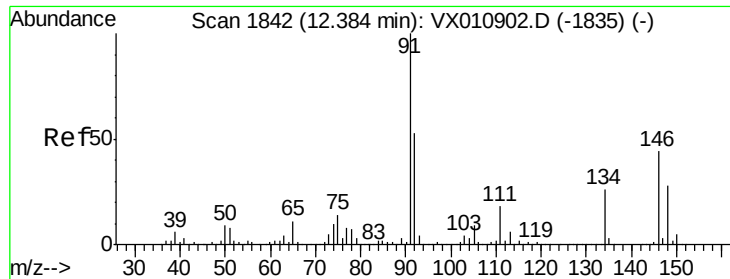


#88  
 1,4-Dichlorobenzene  
 Concen: 47.146 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Tgt Ion:146 Resp: 271606  
 Ion Ratio Lower Upper  
 146 100  
 111 37.6 18.6 55.8  
 148 63.8 31.6 94.7



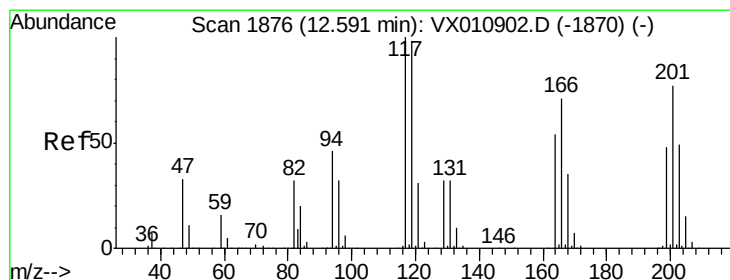
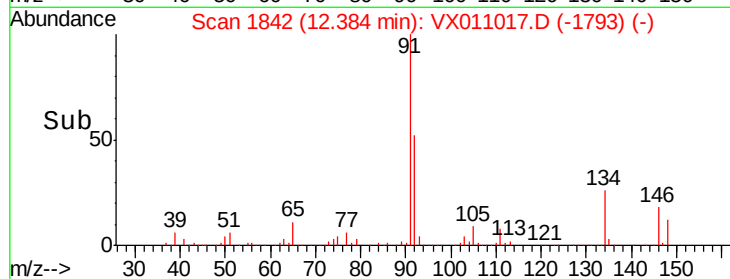
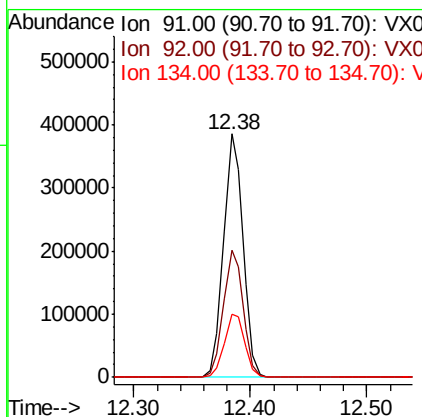
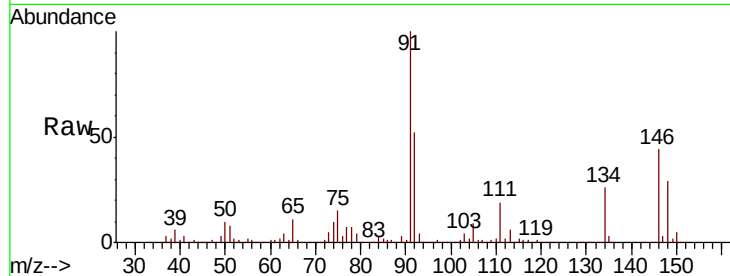




#89  
n-Butylbenzene  
Concen: 49.999 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

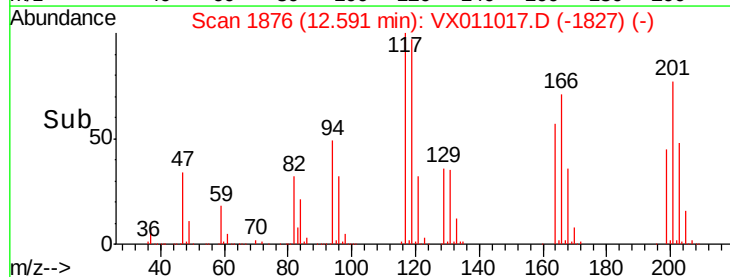
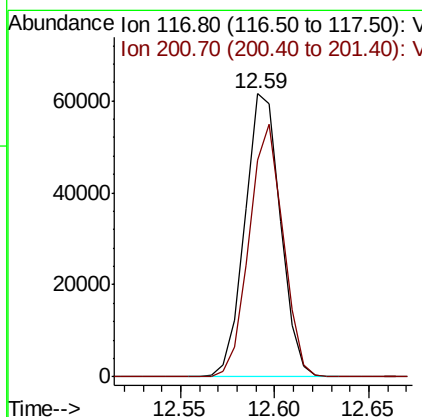
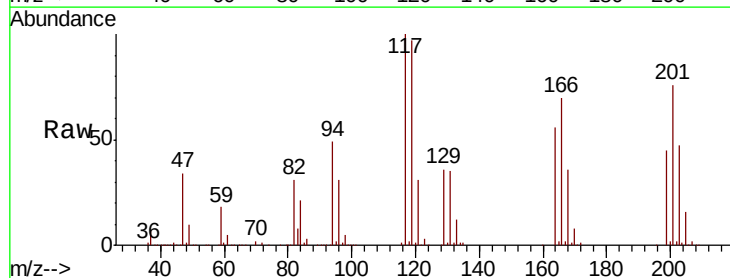
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

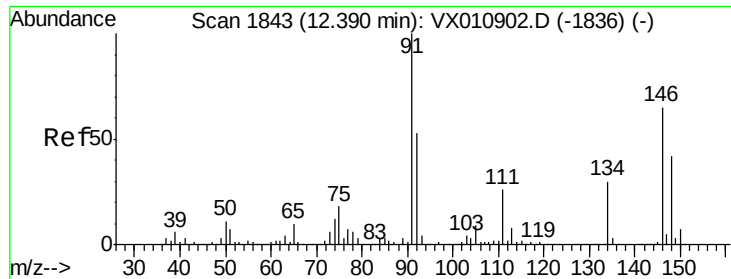
Tot Ion: 91 Resp: 446285  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.2 78.5  
134 27.3 13.8 41.3



#90  
Hexachloroethane  
Concen: 49.141 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion: 117 Resp: 80866  
Ion Ratio Lower Upper  
117 100  
201 84.8 43.3 129.8

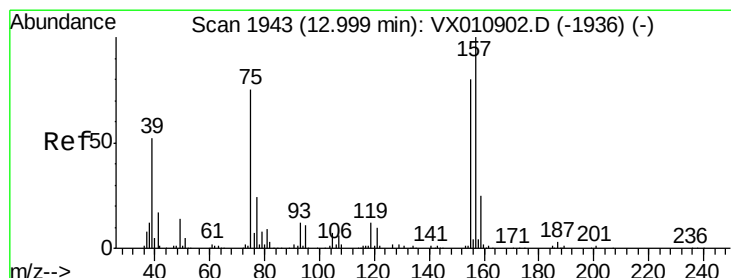
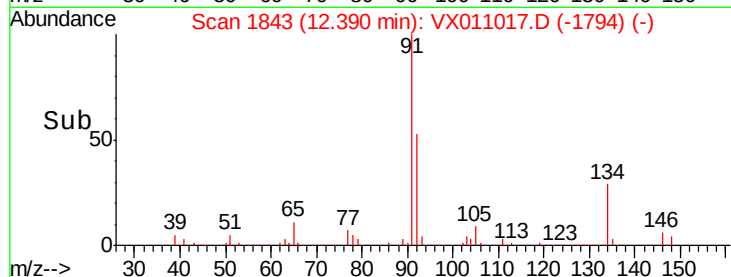
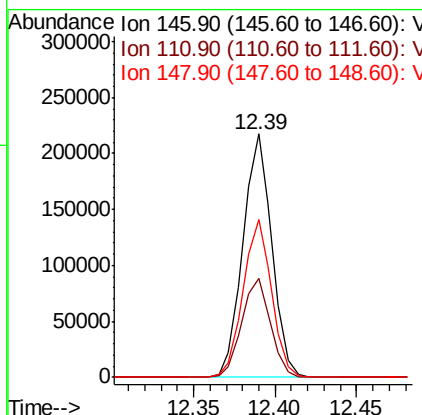
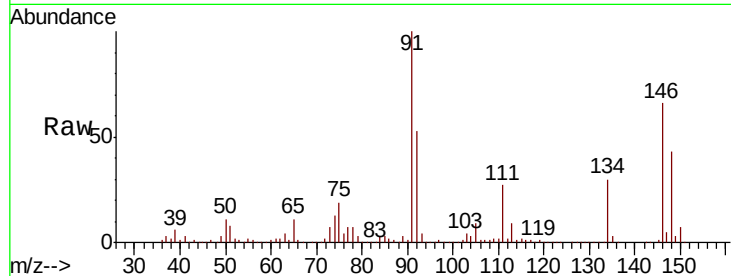




#91  
 1,2-Dichlorobenzene  
 Concen: 48.203 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

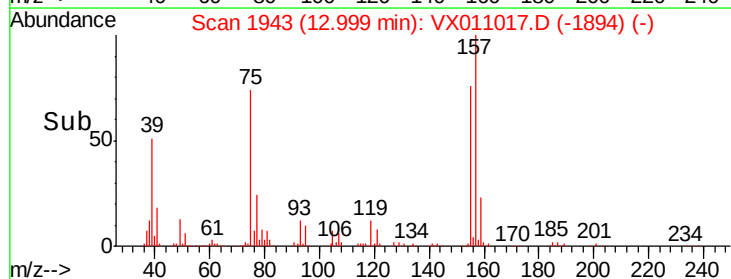
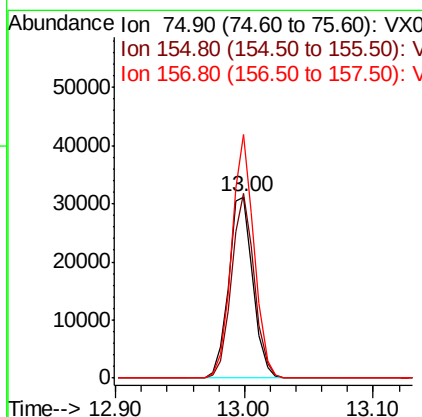
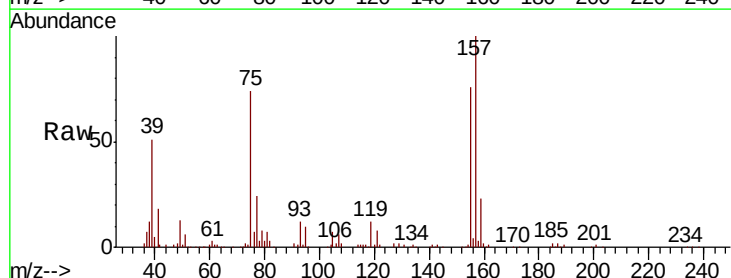
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

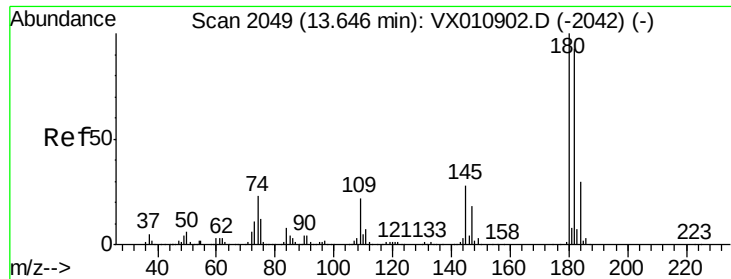
Tot Ion:146 Resp: 268342  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 19.9 59.7  
 148 63.8 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.309 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Tgt Ion: 75 Resp: 41186  
 Ion Ratio Lower Upper  
 75 100  
 155 95.0 48.7 146.1  
 157 123.1 62.5 187.6

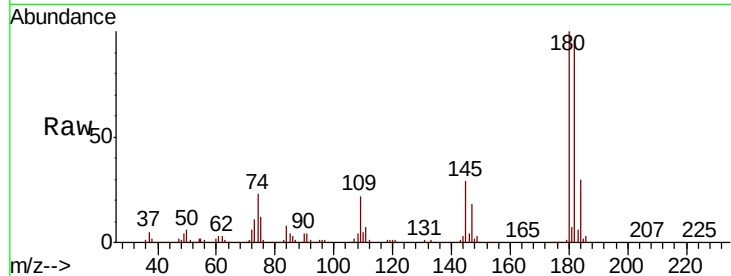




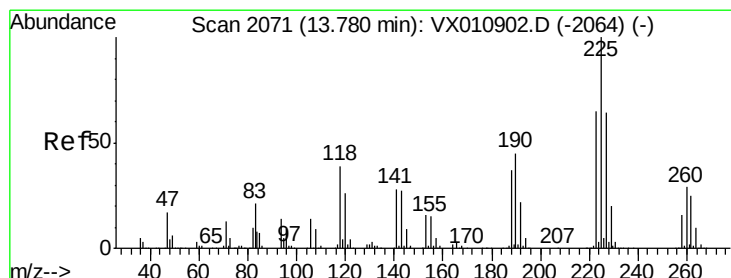
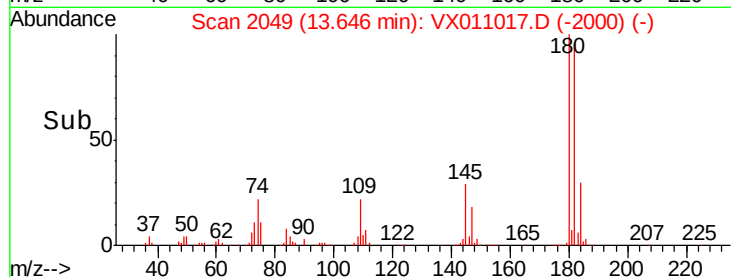
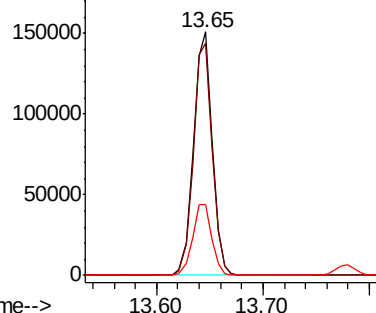
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.957 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 184704  
 Ion Ratio Lower Upper  
 180 100  
 182 96.2 47.1 141.3  
 145 30.2 14.8 44.4

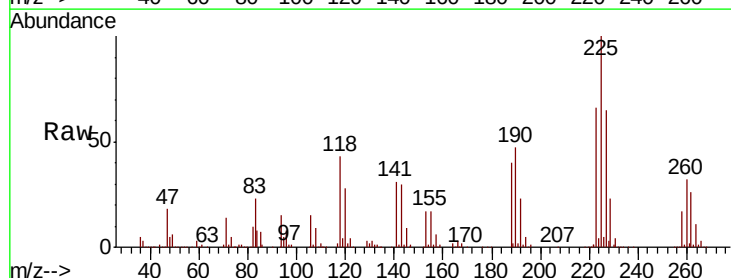


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

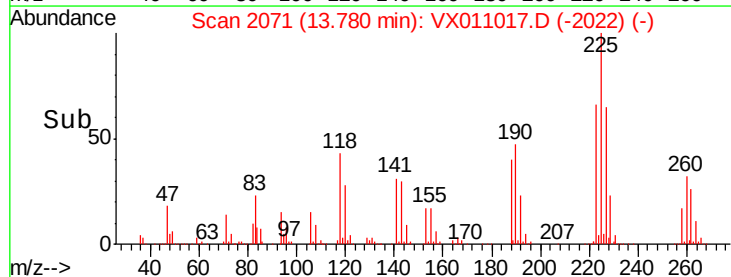
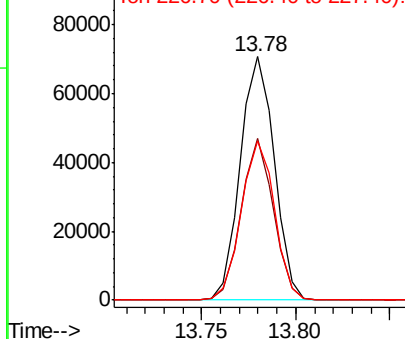


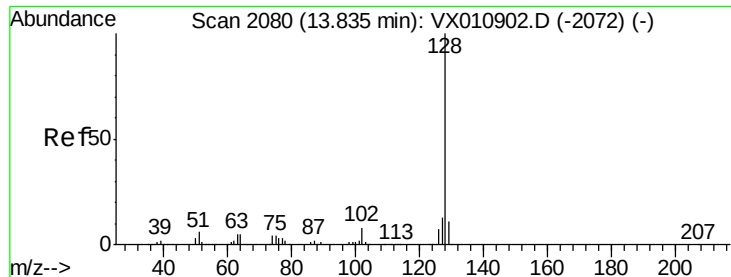
#94  
 Hexachlorobutadiene  
 Concen: 47.372 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX011017.D  
 Acq: 19 Jul 2019 20:55

Tgt Ion:225 Resp: 88567  
 Ion Ratio Lower Upper  
 225 100  
 223 63.0 31.9 95.9  
 227 64.2 32.5 97.4



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

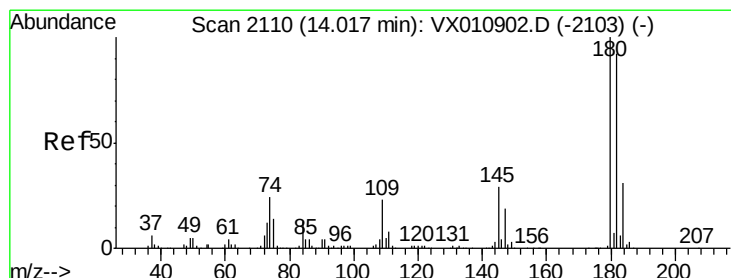
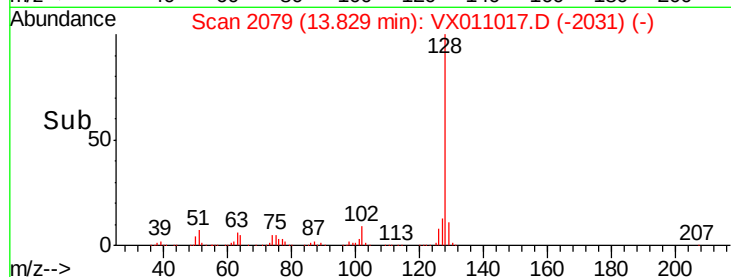
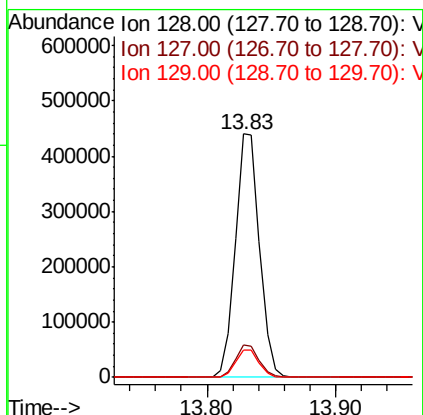
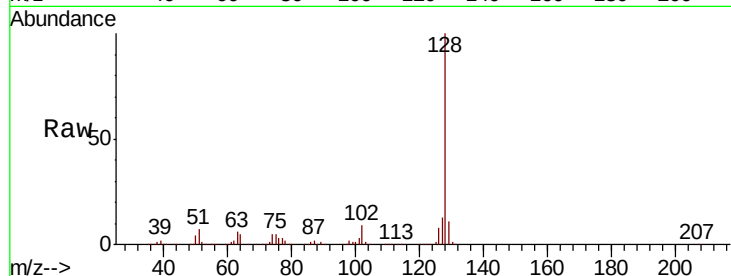




#95  
Naphthalene  
Concen: 51.481 ug/l  
RT: 13.83 min Scan# 2079  
Delta R.T. -0.01 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 573540  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 11.0 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 49.199 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX011017.D  
Acq: 19 Jul 2019 20:55

Tgt Ion:180 Resp: 184687  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.4 142.3  
145 32.2 15.1 45.3

