

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\  
 Data File : VX015832.D  
 Acq On : 22 Apr 2020 10:21  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Quant Time: Apr 22 11:50:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 22 11:43:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 975652   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 1475582  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1370454  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 754459   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 56879    | 4.89 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.78% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 43917    | 4.71 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.42% |          |
| 50) Toluene-d8              | 8.70  | 98   | 176886   | 4.98 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.96% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 73069    | 4.70 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.40% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85   | 32761    | 4.154  | ug/l   | 95     |
| 3) Chloromethane              | 1.31 | 50   | 40012    | 4.789  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.39 | 62   | 47452    | 4.820  | ug/l   | 94     |
| 5) Bromomethane               | 1.62 | 94   | 18225    | 4.594  | ug/l   | 97     |
| 6) Chloroethane               | 1.71 | 64   | 26717    | 4.732  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 59668    | 4.806  | ug/l   | 98     |
| 8) Diethyl Ether              | 2.17 | 74   | 26641    | 5.312  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 40223    | 4.783  | ug/l   | 96     |
| 10) Methyl Iodide             | 2.49 | 142  | 45600    | 4.727  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 3.01 | 59   | 55631    | 25.322 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 42538    | 4.984  | ug/l   | 95     |
| 13) Acrolein                  | 2.27 | 56   | 38800    | 28.804 | ug/l   | 99     |
| 14) Allyl chloride            | 2.71 | 41   | 89292    | 4.886  | ug/l   | 94     |
| 15) Acrylonitrile             | 3.12 | 53   | 131701   | 25.350 | ug/l   | 97     |
| 16) Acetone                   | 2.42 | 43   | 124689   | 24.881 | ug/l   | 96     |
| 17) Carbon Disulfide          | 2.55 | 76   | 150444   | 4.350  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.75 | 43   | 78163    | 4.915  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 152932   | 5.096  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.83 | 84   | 48675    | 4.895  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 48871    | 5.109  | ug/l   | 97     |
| 22) Diisopropyl ether         | 3.83 | 45   | 168849   | 5.133  | ug/l   | 90     |
| 23) Vinyl Acetate             | 3.79 | 43   | 723654   | 26.312 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 88358    | 5.211  | ug/l   | 99     |
| 25) 2-Butanone                | 4.64 | 43   | 192417   | 25.397 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 4.55 | 77   | 76332    | 5.010  | ug/l   | 92     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96   | 52627    | 4.917  | ug/l   | 95     |
| 28) Bromochloromethane        | 4.98 | 49   | 47979    | 5.209  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 5.09 | 42   | 128562   | 25.549 | ug/l   | 97     |
| 30) Chloroform                | 5.19 | 83   | 86593    | 5.013  | ug/l   | 92     |
| 31) Cyclohexane               | 5.56 | 56   | 82604    | 5.010  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97   | 79479    | 5.214  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.78 | 75   | 64211    | 4.958  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.79 | 43   | 79508    | 5.105  | ug/l # | 97     |
| 38) Carbon Tetrachloride      | 5.76 | 117  | 64932    | 5.161  | ug/l   | 93     |

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 Acq On : 22 Apr 2020 10:21  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Quant Time: Apr 22 11:50:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 22 11:43:26 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 80890    | 4.848  | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 198964   | 5.017  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.01  | 41   | 45024    | 6.122  | ug/l # | 96       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 70700    | 4.959  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 133438   | 5.105  | ug/l   | 98       |
| 44) Trichloroethene            | 7.19  | 130  | 70434    | 5.081  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 53983    | 5.239  | ug/l   | 95       |
| 46) Dibromomethane             | 7.64  | 93   | 37526    | 4.839  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.87  | 83   | 64595    | 4.923  | ug/l   | 95       |
| 48) Methyl methacrylate        | 7.75  | 41   | 63370    | 4.979  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 23741    | 96.057 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 388606   | 25.644 | ug/l   | 99       |
| 52) Toluene                    | 8.77  | 92   | 127906   | 5.025  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 81378    | 4.978  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 88112    | 5.057  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 51643    | 5.264  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 82353    | 5.008  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 86136    | 5.043  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 215569   | 25.972 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 299289   | 26.184 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 47000    | 4.898  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 55144    | 5.035  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 99519    | 5.182  | ug/l   | 92       |
| 65) Chlorobenzene              | 10.12 | 112  | 141466   | 5.112  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 49429    | 4.869  | ug/l   | 96       |
| 67) Ethyl Benzene              | 10.23 | 91   | 247667   | 5.060  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.34 | 106  | 186420   | 10.190 | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 89649    | 4.992  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 157436   | 5.100  | ug/l   | 98       |
| 71) Bromoform                  | 10.84 | 173  | 28917    | 4.949  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.00 | 105  | 243244   | 5.044  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 123017   | 5.005  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 51435    | 5.176  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 92795    | 5.330  | ug/l   | 82       |
| 77) Bromobenzene               | 11.24 | 156  | 67064    | 5.131  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 277679   | 5.020  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 166151   | 5.046  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 207659   | 5.095  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 27647    | 4.970  | ug/l # | 94       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 198633   | 5.059  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 184572   | 5.092  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 210096   | 4.958  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 244052   | 5.097  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 224391   | 5.035  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 120592   | 5.012  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 122132   | 5.094  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.37 | 91   | 197439   | 4.971  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 17649    | 4.492  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 115632   | 5.097  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 14589    | 5.111  | ug/l   | 96       |

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Data File : VX015832.D  
Acq On : 22 Apr 2020 10:21  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

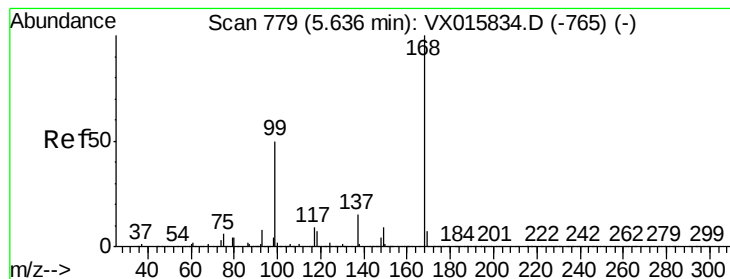
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Quant Time: Apr 22 11:50:58 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 22 11:43:26 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 92196    | 5.147 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 40229    | 5.048 | ug/l  | 98       |
| 95) Naphthalene            | 13.82 | 128  | 254454   | 4.950 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 84032    | 4.851 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

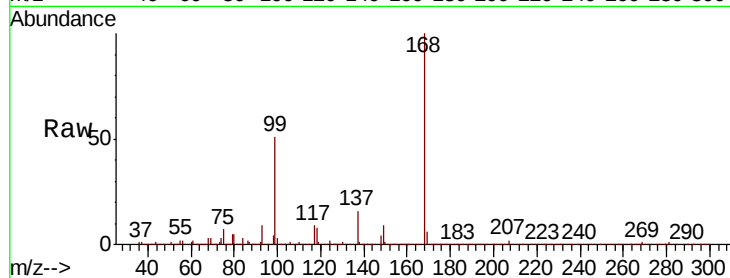
VSTDIC005

Tot Ion:168 Resp: 975652

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

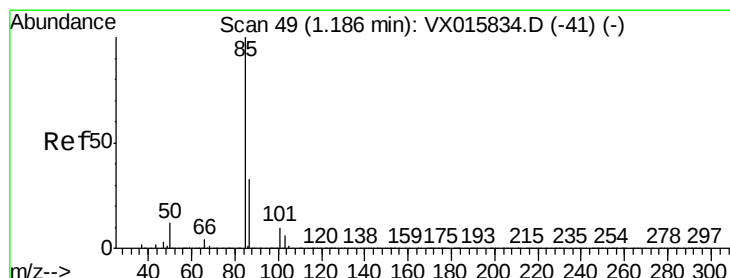
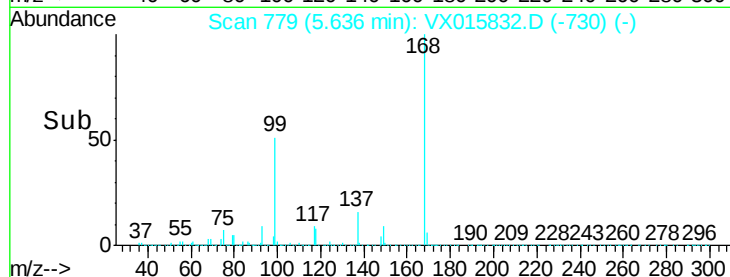
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.154 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015832.D

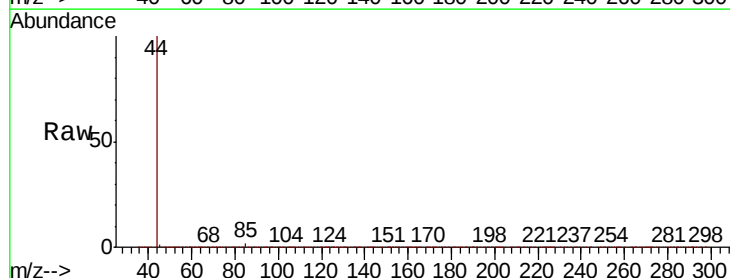
Acq: 22 Apr 2020 10:21

Tgt Ion: 85 Resp: 32761

Ion Ratio Lower Upper

85 100

87 30.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

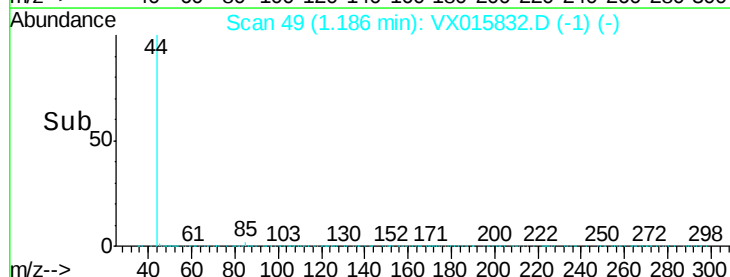
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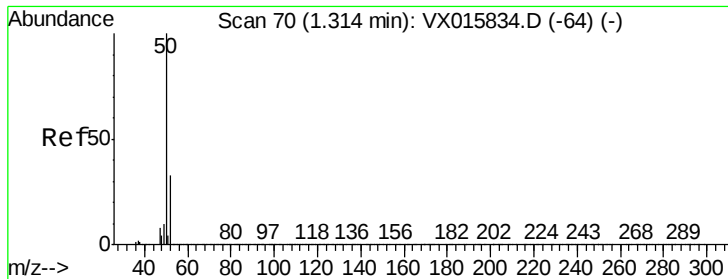
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Time-->

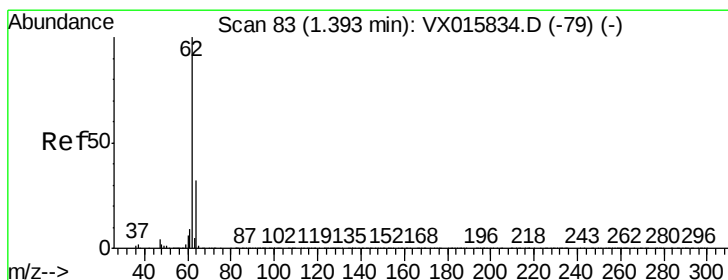
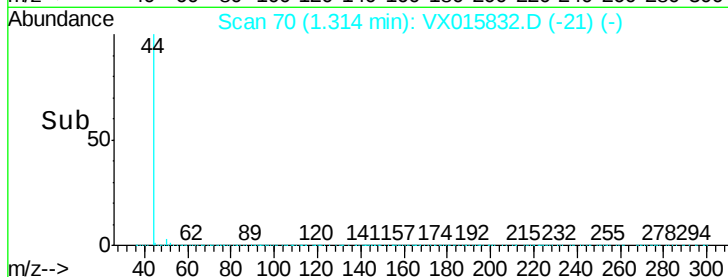
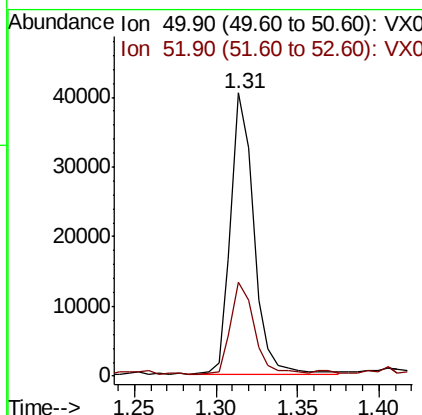
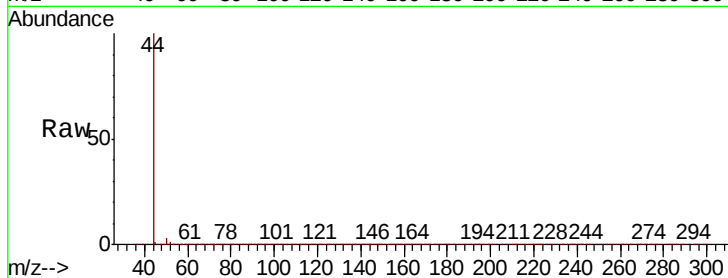




#3  
Chloromethane  
Concen: 4.789 ug/l  
RT: 1.31 min Scan# 70  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

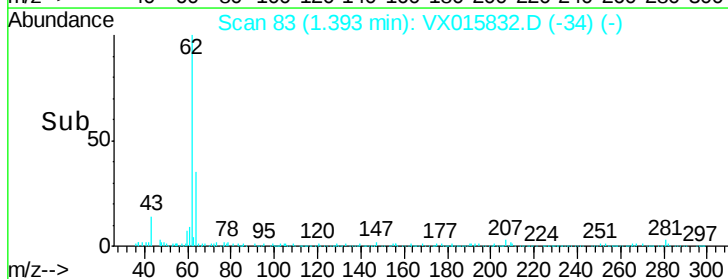
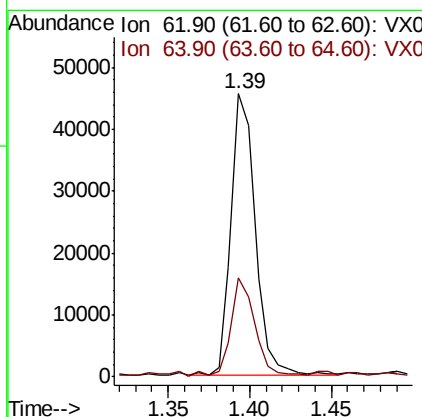
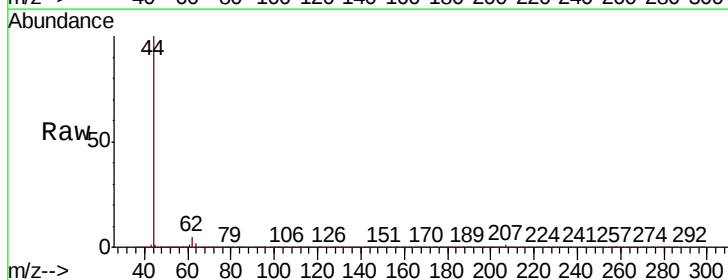
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

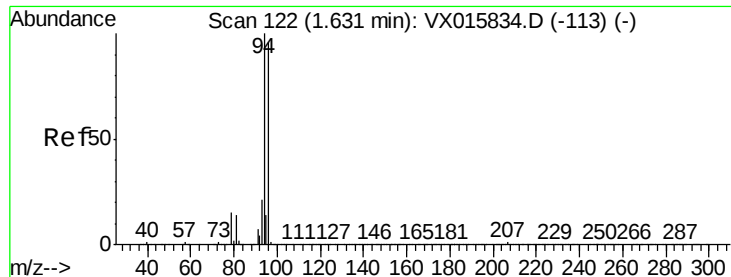
Tot Ion: 50 Resp: 40012  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.2 39.4



#4  
Vinyl Chloride  
Concen: 4.820 ug/l  
RT: 1.39 min Scan# 83  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 62 Resp: 47452  
Ion Ratio Lower Upper  
62 100  
64 35.1 25.4 38.2





#5

Bromomethane

Concen: 4.594 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

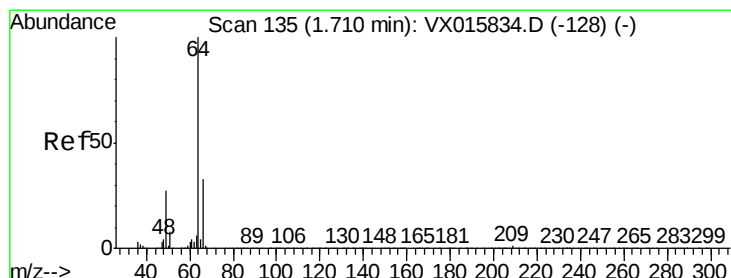
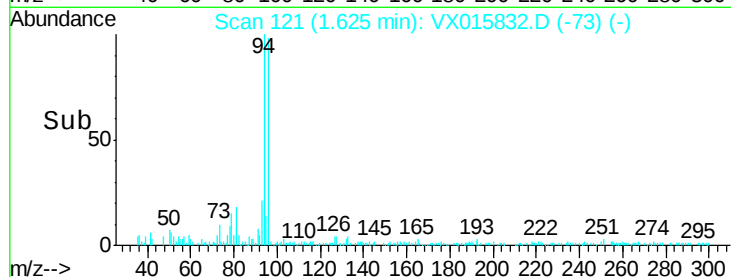
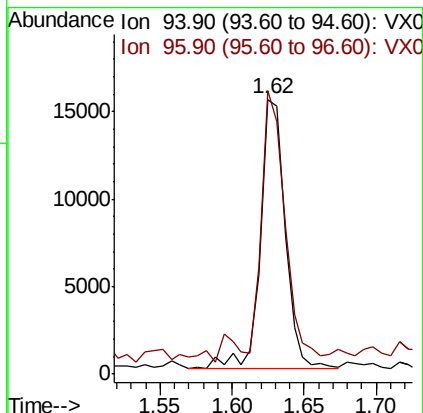
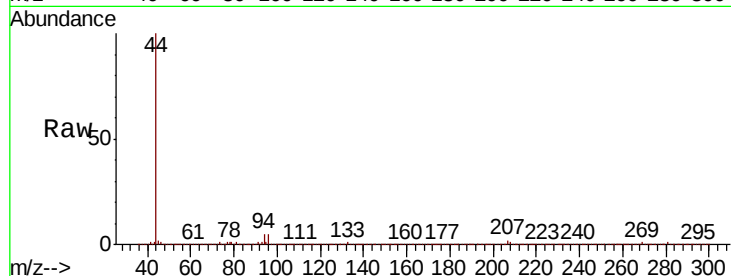
VSTDIC005

Tot Ion: 94 Resp: 18225

Ion Ratio Lower Upper

94 100

96 99.0 76.7 115.1



#6

Chloroethane

Concen: 4.732 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015832.D

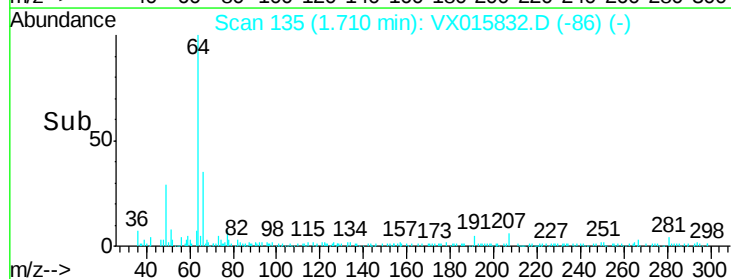
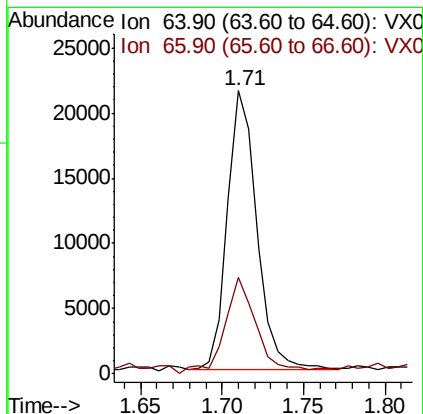
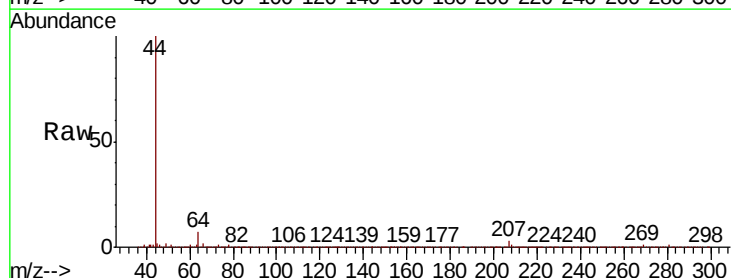
Acq: 22 Apr 2020 10:21

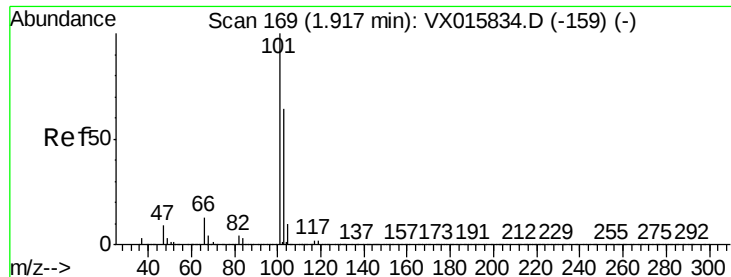
Tgt Ion: 64 Resp: 26717

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.2



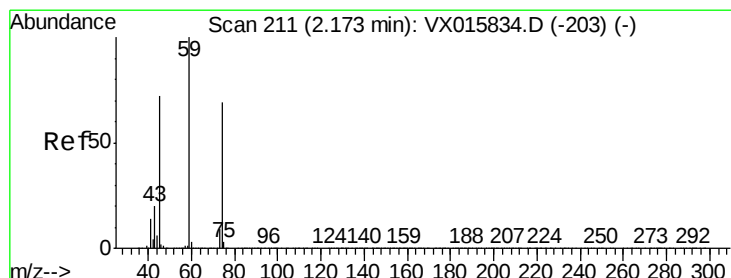
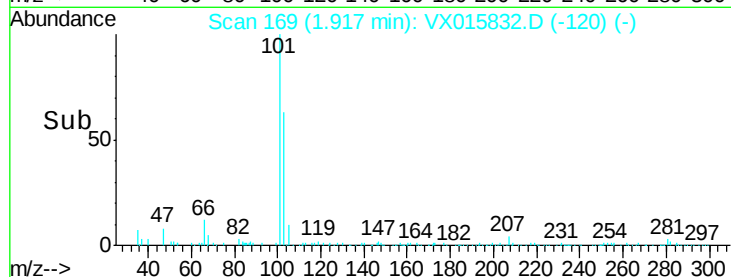
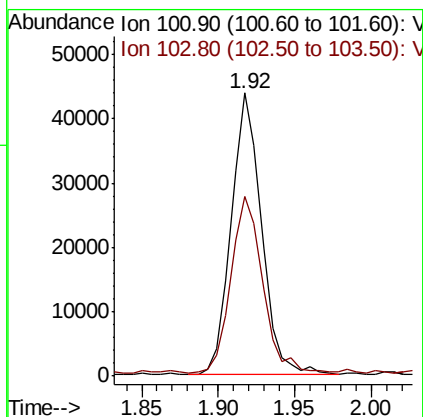
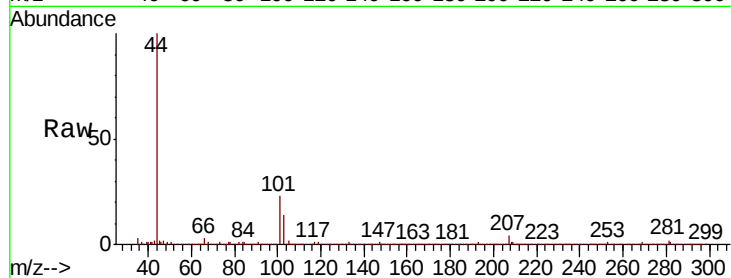


#7

Trichlorofluoromethane  
Concen: 4.806 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

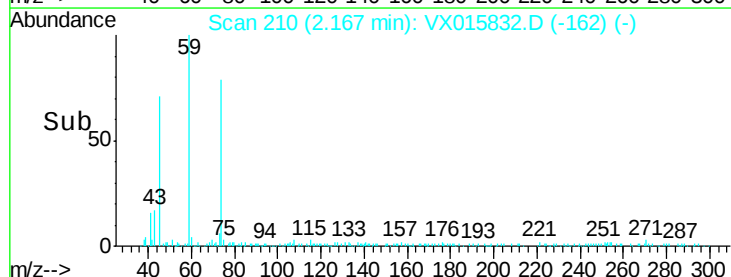
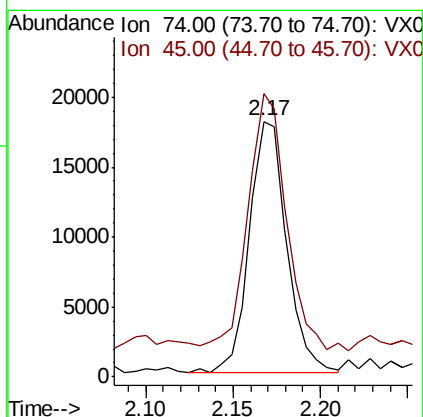
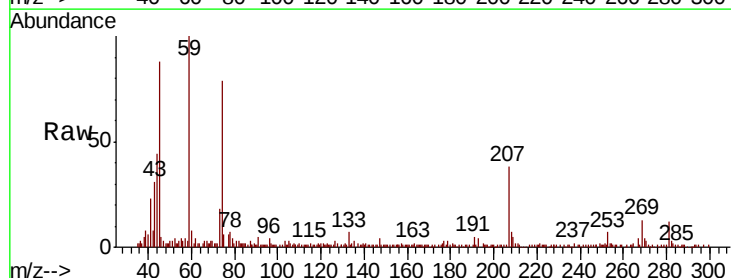
Tot Ion:101 Resp: 59668  
Ion Ratio Lower Upper  
101 100  
103 62.9 51.4 77.0

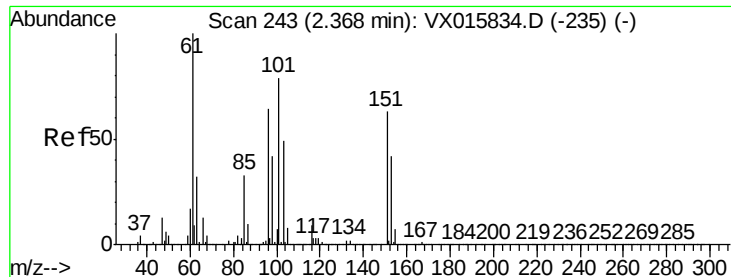


#8

Diethyl Ether  
Concen: 5.312 ug/l  
RT: 2.17 min Scan# 210  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 74 Resp: 26641  
Ion Ratio Lower Upper  
74 100  
45 106.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.783 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

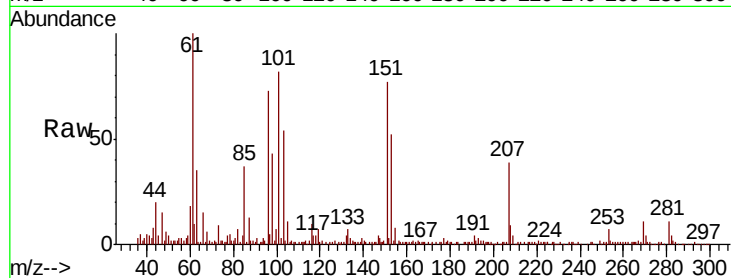
Tot Ion:101 Resp: 40223

Ion Ratio Lower Upper

101 100

85 47.9 33.8 50.6

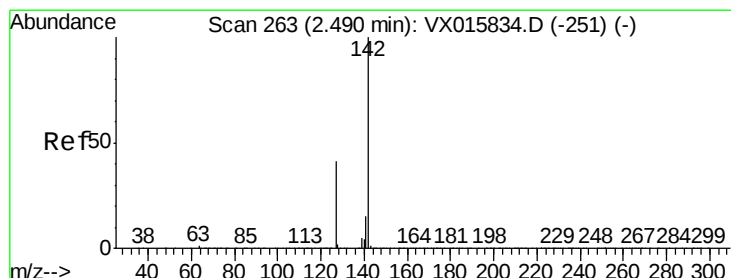
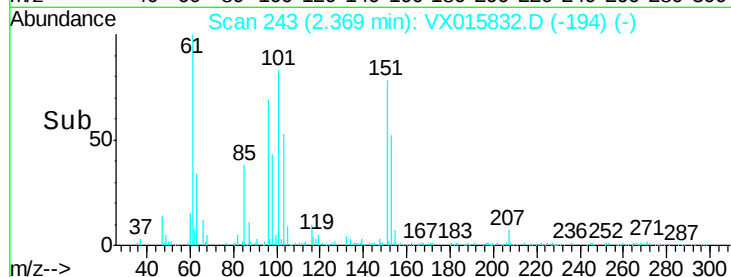
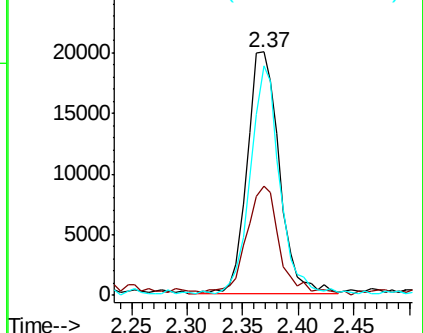
151 86.7 67.8 101.6



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: 4.727 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

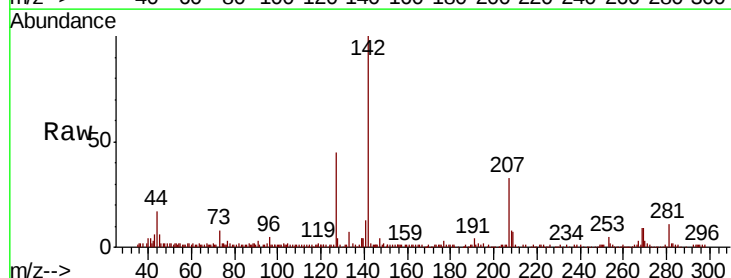
Tgt Ion:142 Resp: 45600

Ion Ratio Lower Upper

142 100

127 42.2 33.3 49.9

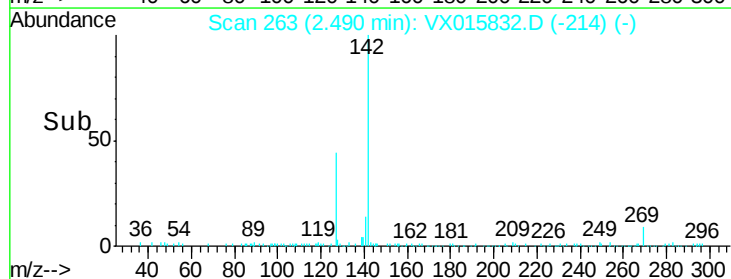
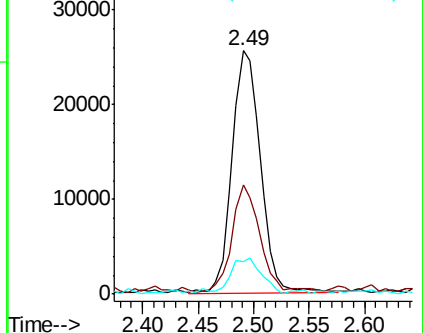
141 16.6 11.8 17.6

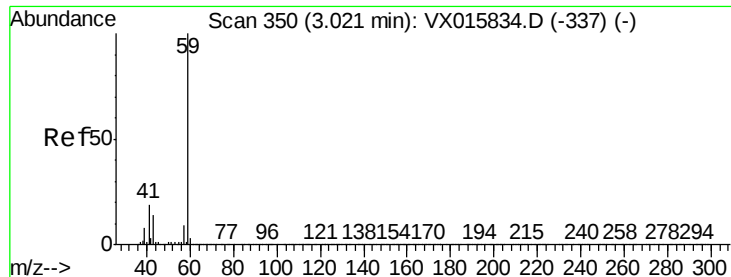


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

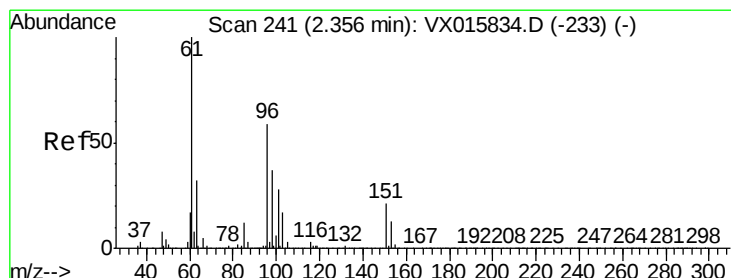
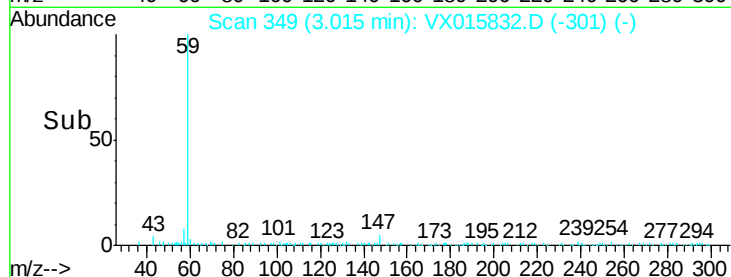
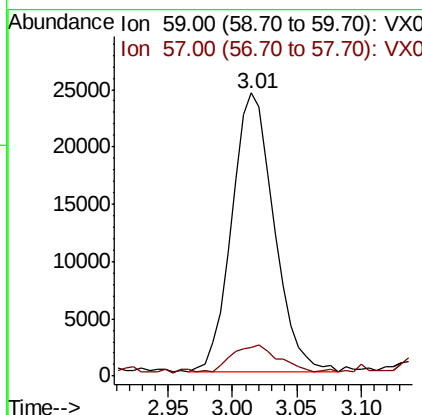
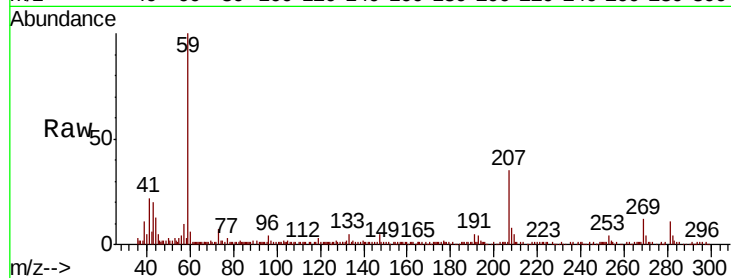




#11  
Tert butyl alcohol  
Concen: 25.322 ug/l  
RT: 3.01 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

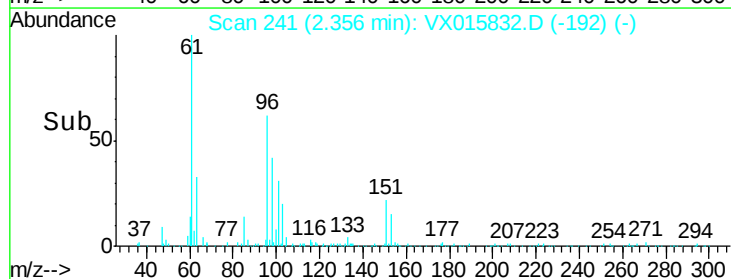
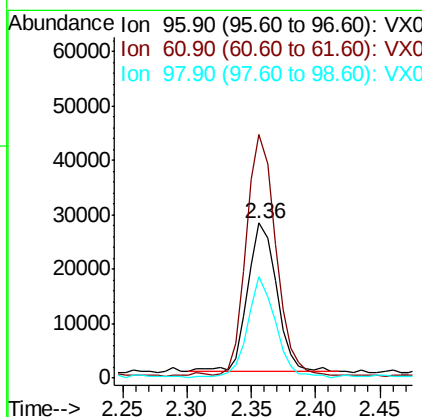
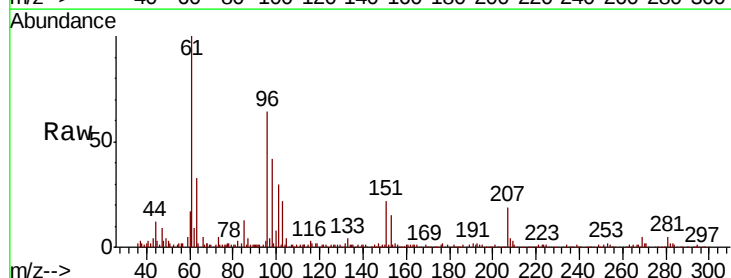
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

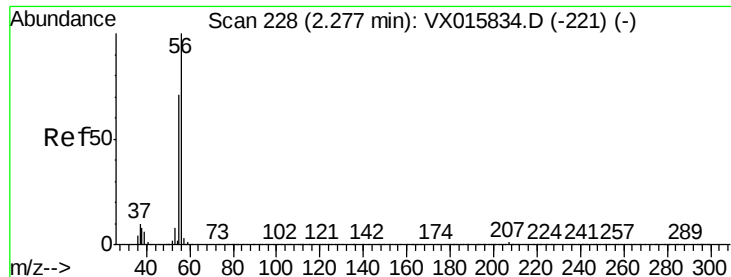
Tot Ion: 59 Resp: 55631  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 4.984 ug/l  
RT: 2.36 min Scan# 241  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 96 Resp: 42538  
Ion Ratio Lower Upper  
96 100  
61 162.6 135.0 202.6  
98 68.0 50.6 76.0

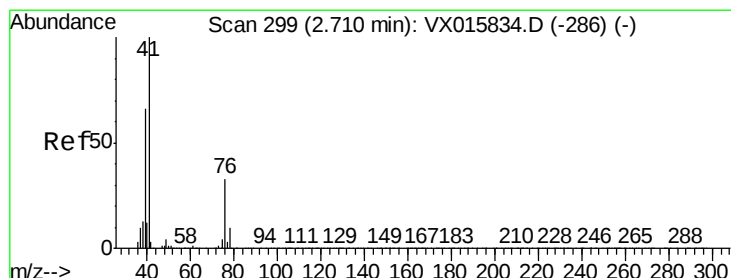
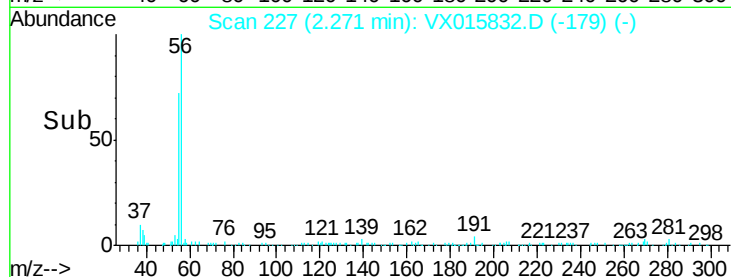
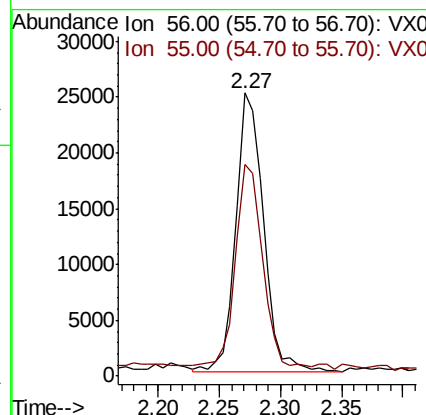
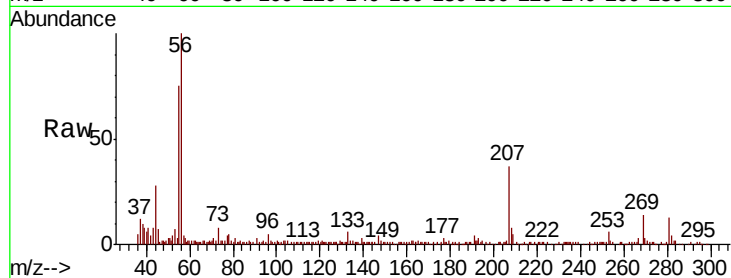




#13  
Acrolein  
Concen: 28.804 ug/l  
RT: 2.27 min Scan# 227  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

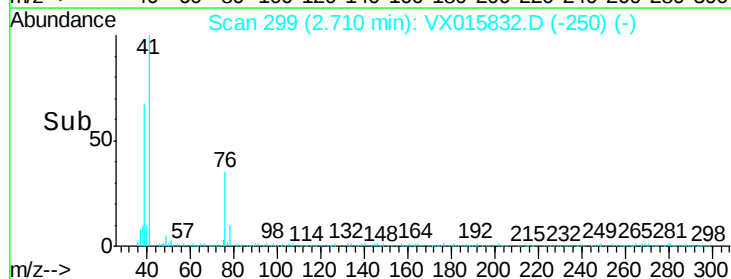
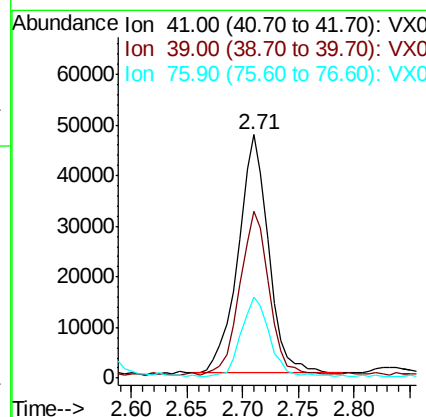
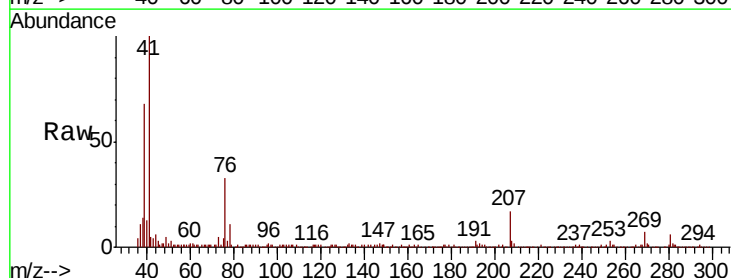
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

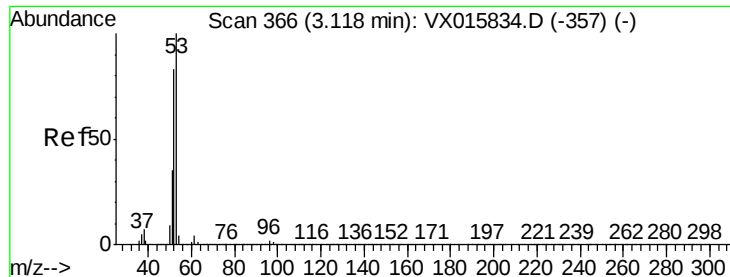
Tot Ion: 56 Resp: 38800  
Ion Ratio Lower Upper  
56 100  
55 69.2 56.1 84.1



#14  
Allyl chloride  
Concen: 4.886 ug/l  
RT: 2.71 min Scan# 299  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 41 Resp: 89292  
Ion Ratio Lower Upper  
41 100  
39 66.4 48.4 72.6  
76 31.4 23.8 35.8





#15

Acrylonitrile

Concen: 25.350 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

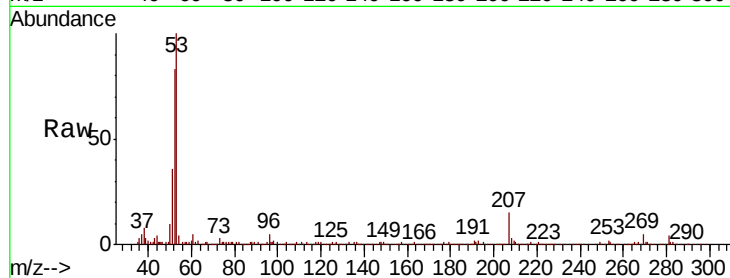
Tot Ion: 53 Resp: 131701

Ion Ratio Lower Upper

53 100

52 85.5 66.2 99.4

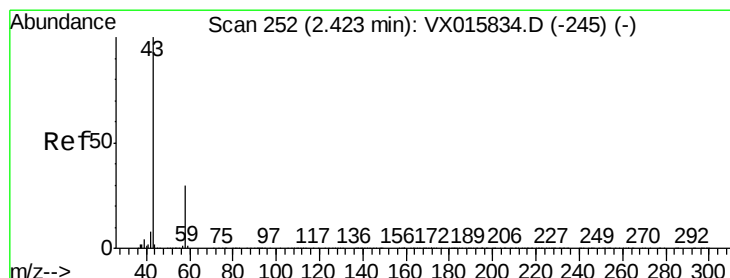
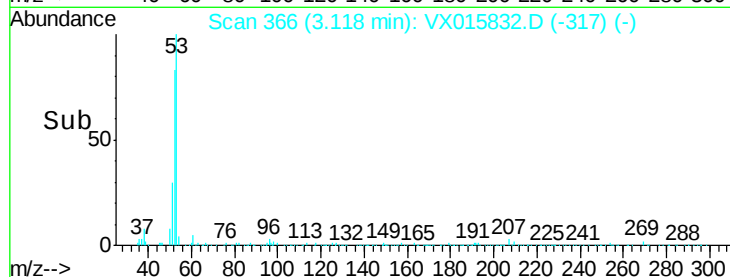
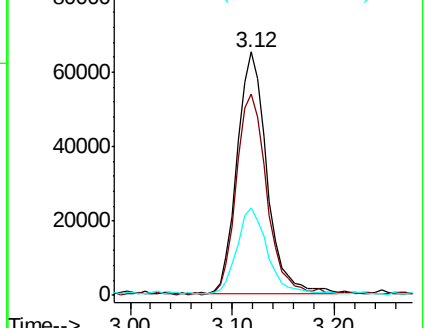
51 37.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 24.881 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015832.D

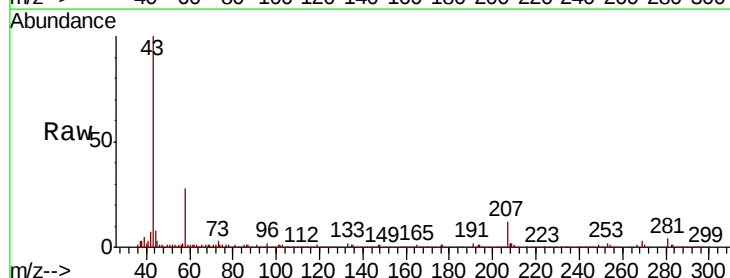
Acq: 22 Apr 2020 10:21

Tgt Ion: 43 Resp: 124689

Ion Ratio Lower Upper

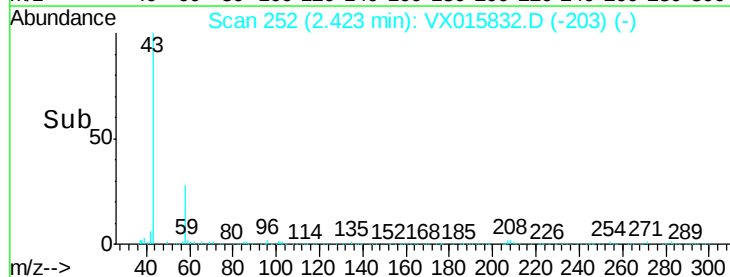
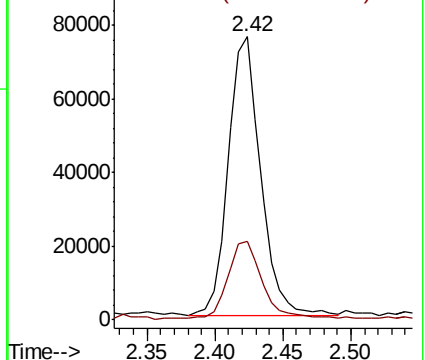
43 100

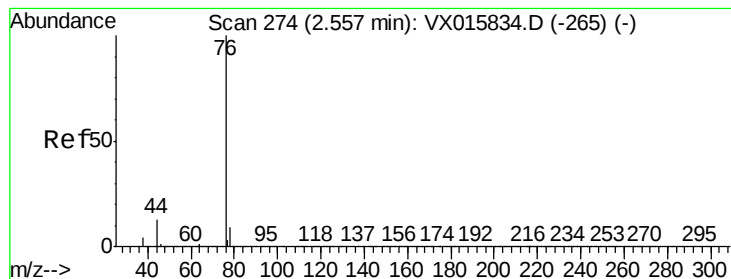
58 27.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.350 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

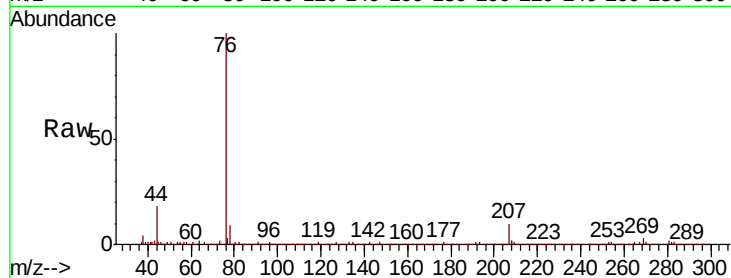
VSTDIC005

Tot Ion: 76 Resp: 150444

Ion Ratio Lower Upper

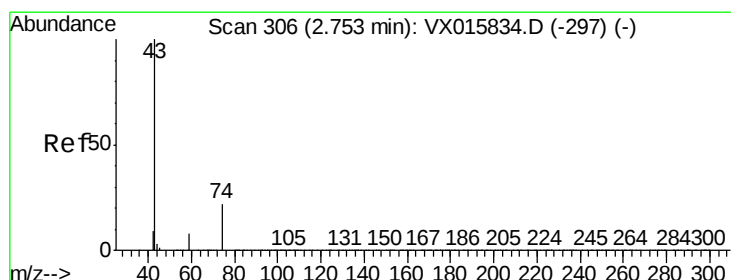
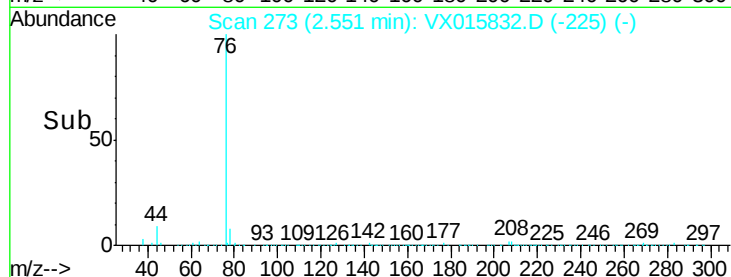
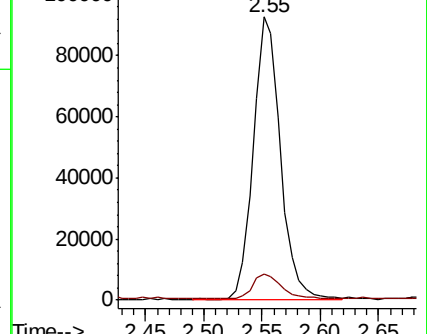
76 100

78 8.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 4.915 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015832.D

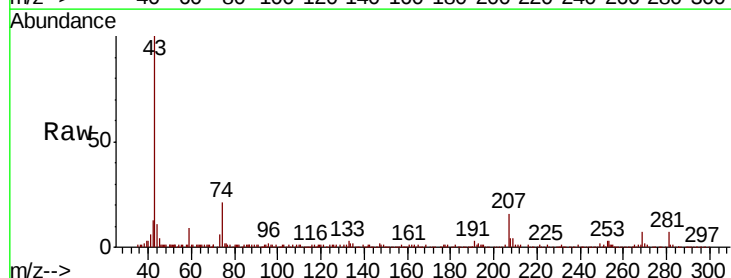
Acq: 22 Apr 2020 10:21

Tgt Ion: 43 Resp: 78163

Ion Ratio Lower Upper

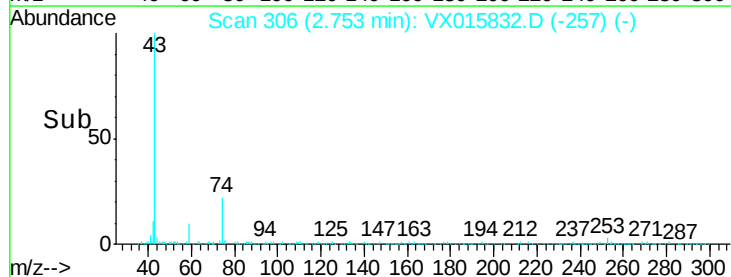
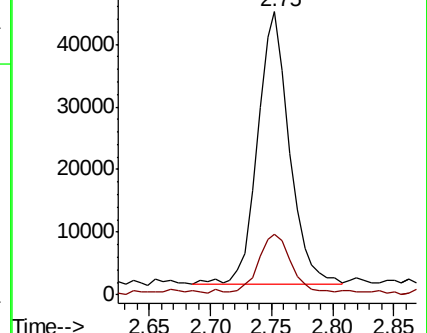
43 100

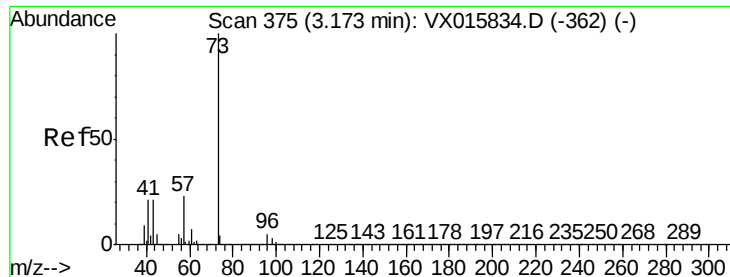
74 21.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



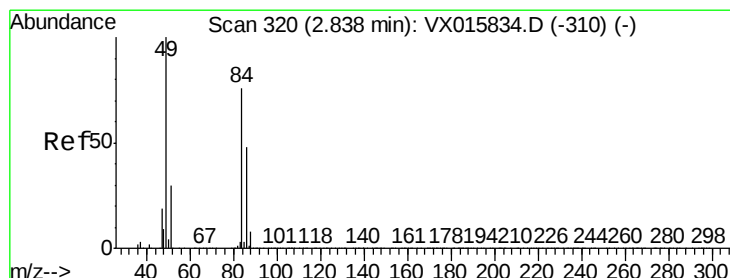
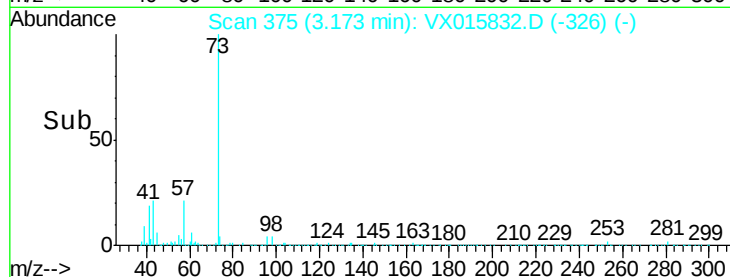
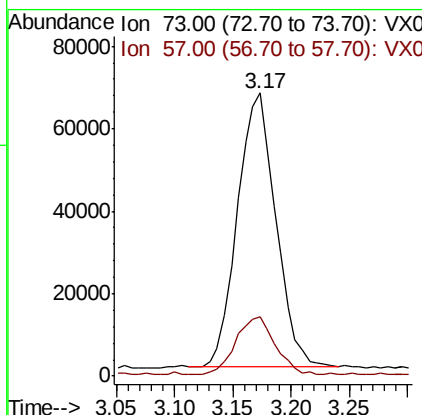
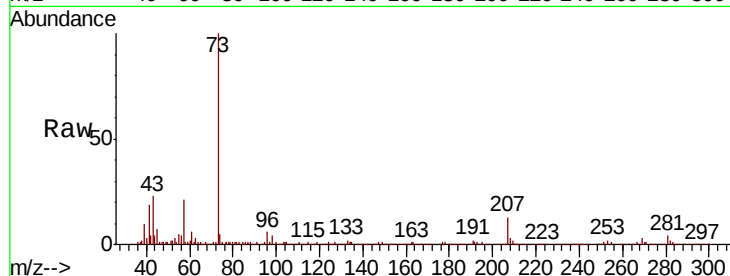


#19

Methyl tert-butyl Ether  
 Concen: 5.096 ug/l  
 RT: 3.17 min Scan# 375  
 Delta R.T. 0.00 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

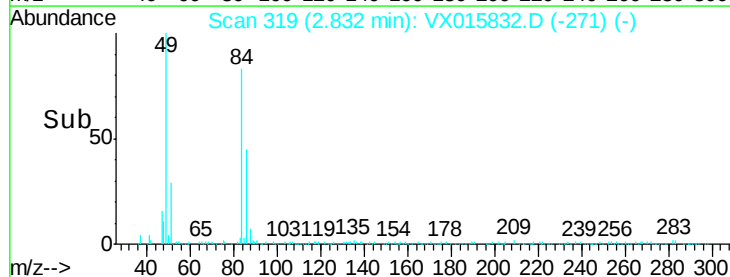
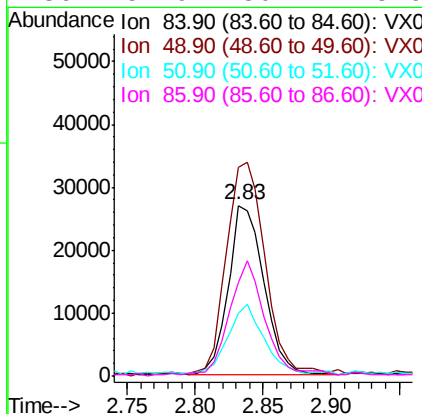
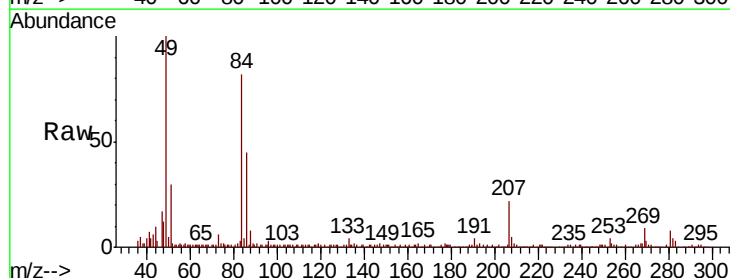
Tot Ion: 73 Resp: 152932  
 Ion Ratio Lower Upper  
 73 100  
 57 21.1 18.1 27.1

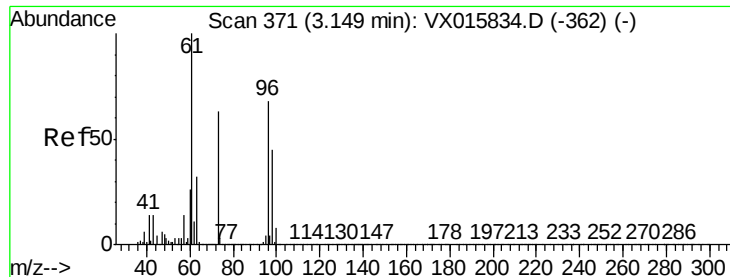


#20

Methylene Chloride  
 Concen: 4.895 ug/l  
 RT: 2.83 min Scan# 319  
 Delta R.T. -0.01 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

Tgt Ion: 84 Resp: 48675  
 Ion Ratio Lower Upper  
 84 100  
 49 122.3 104.9 157.3  
 51 36.2 32.0 48.0  
 86 54.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 5.109 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

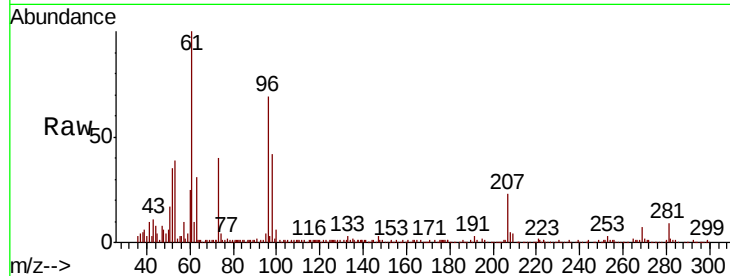
Tot Ion: 96 Resp: 48871

Ion Ratio Lower Upper

96 100

61 150.0 117.5 176.3

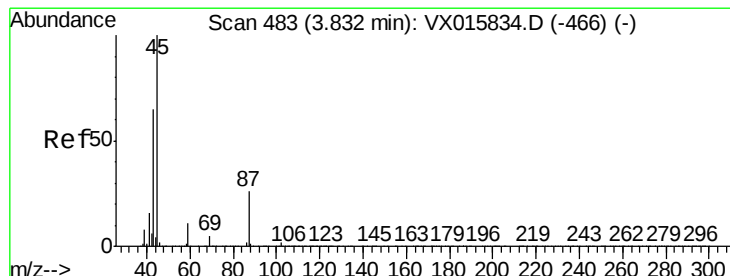
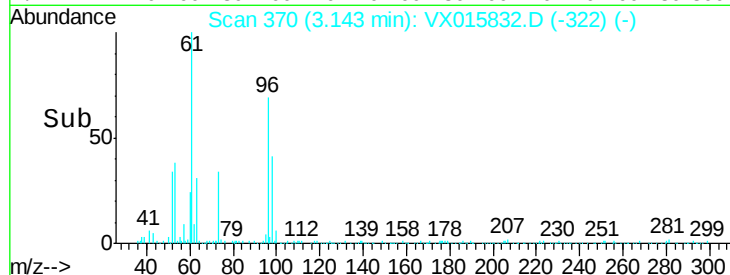
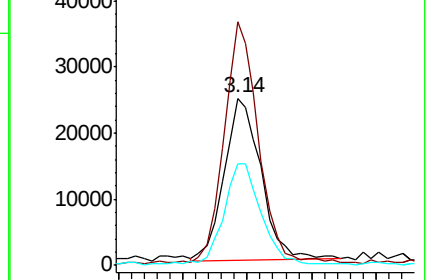
98 62.3 52.7 79.1



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: 5.133 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Tgt Ion: 45 Resp: 168849

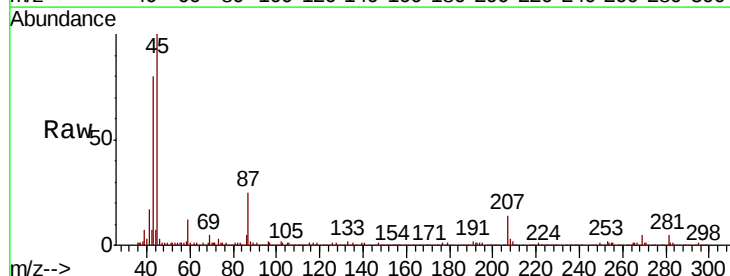
Ion Ratio Lower Upper

45 100

43 77.2 52.4 78.6

87 24.8 20.7 31.1

59 10.9 8.6 12.8

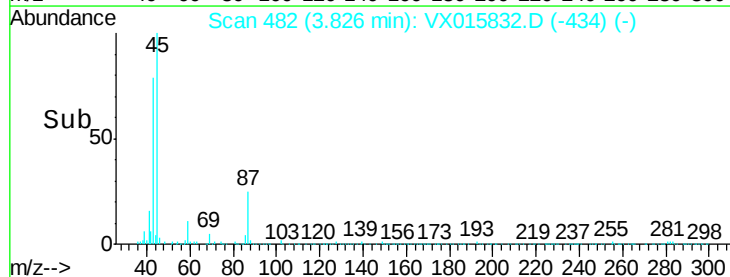
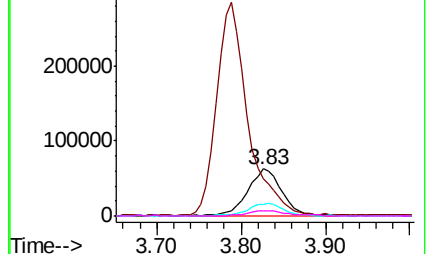


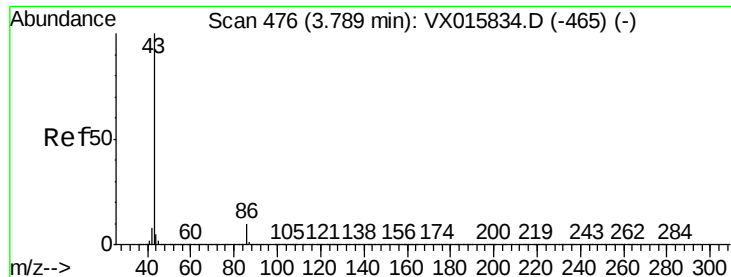
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 26.312 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

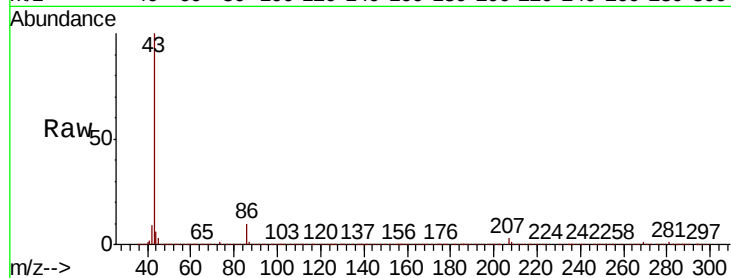
VSTDIC005

Tot Ion: 43 Resp: 723654

Ion Ratio Lower Upper

43 100

86 9.5 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

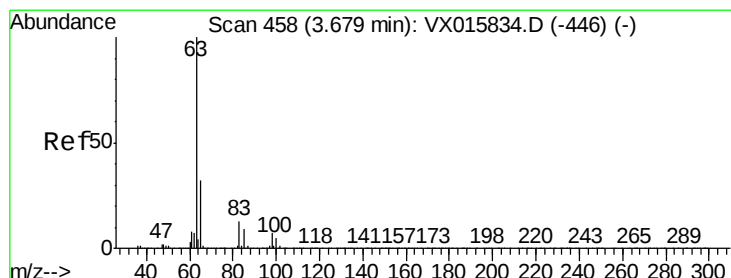
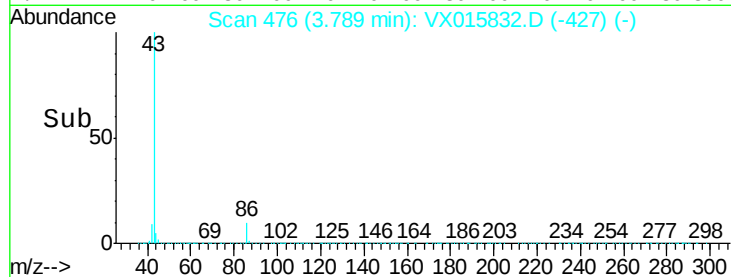
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 5.211 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

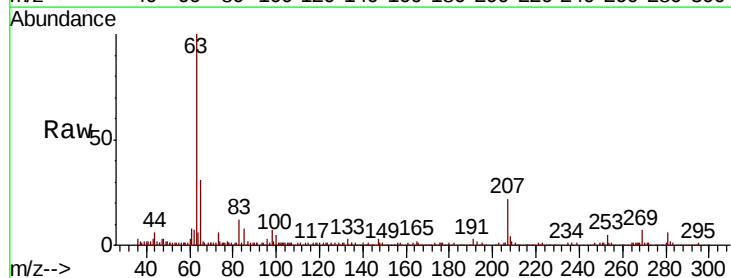
Tgt Ion: 63 Resp: 88358

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 4.7 2.3 6.8



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

50000

40000

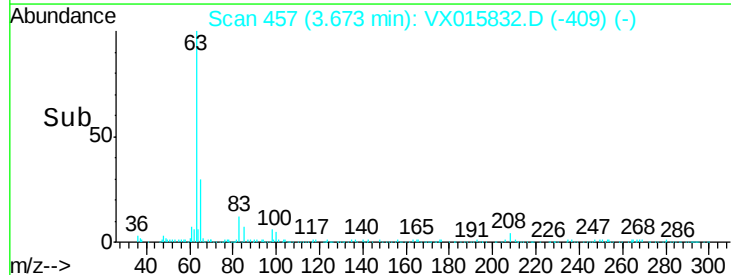
30000

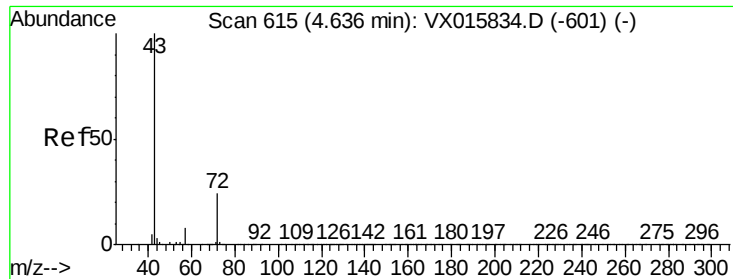
20000

10000

0

Time-->

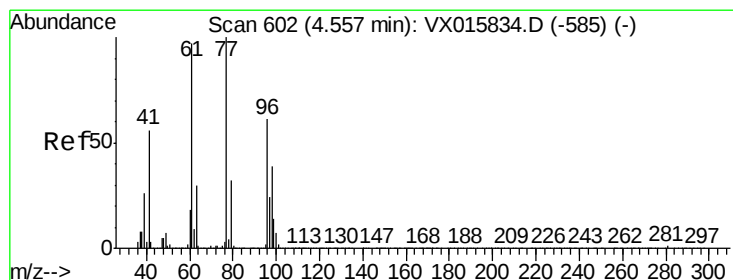
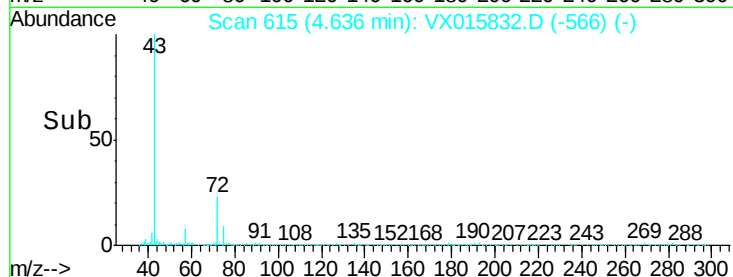
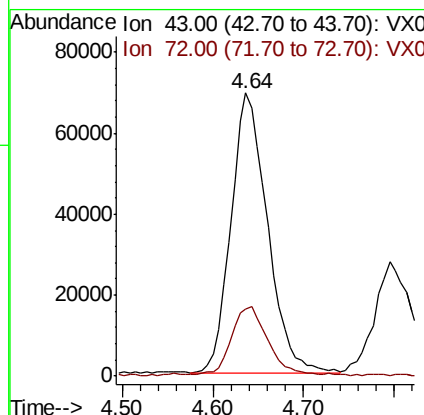
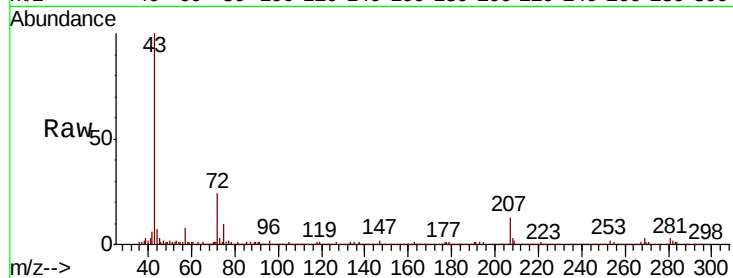




#25  
2-Butanone  
Concen: 25.397 ug/l  
RT: 4.64 min Scan# 615  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

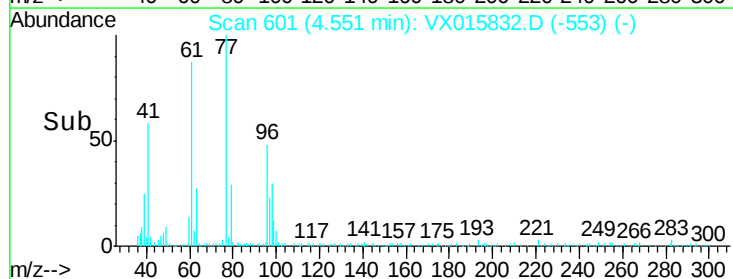
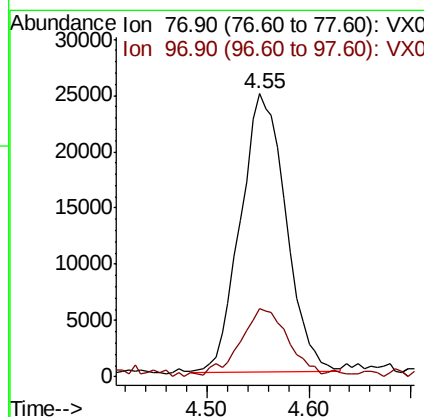
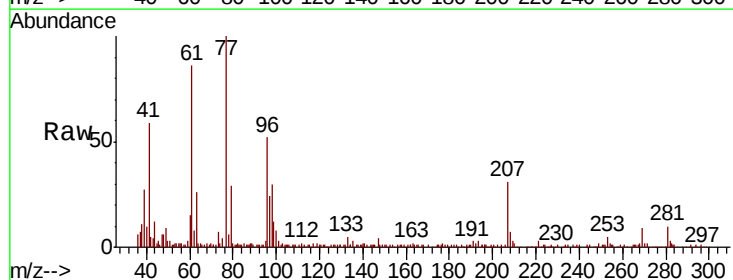
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

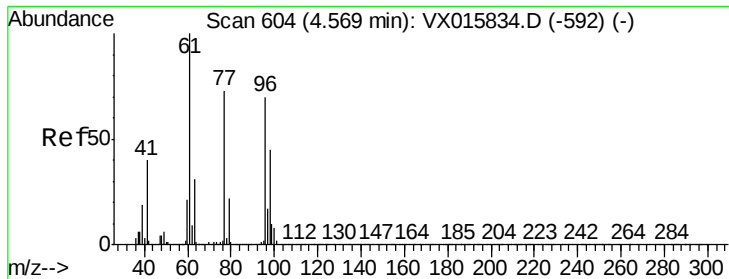
Tot Ion: 43 Resp: 192417  
Ion Ratio Lower Upper  
43 100  
72 23.2 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 5.010 ug/l  
RT: 4.55 min Scan# 601  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 77 Resp: 76332  
Ion Ratio Lower Upper  
77 100  
97 26.6 11.4 34.1



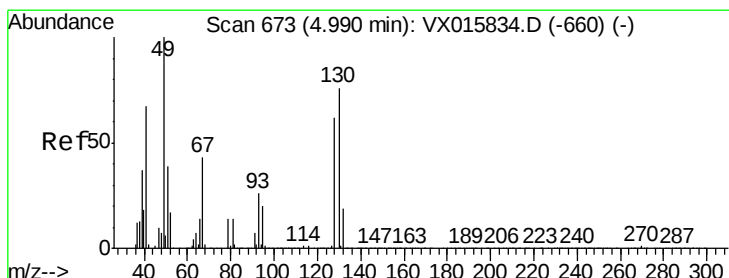
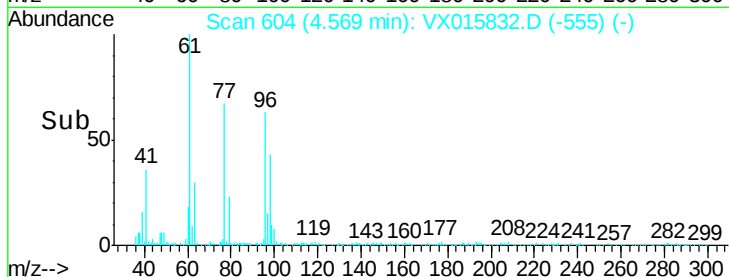
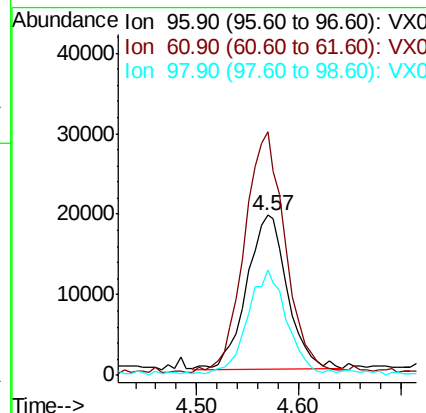
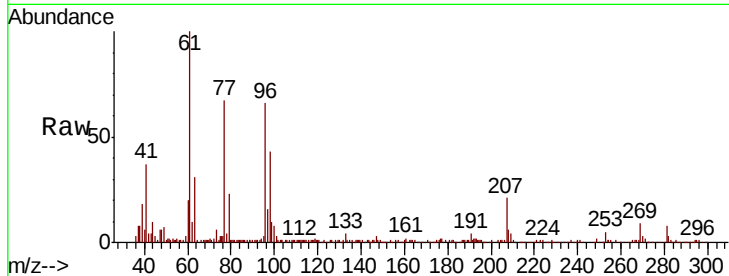


#27

cis-1,2-Dichloroethene  
Concen: 4.917 ug/l  
RT: 4.57 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

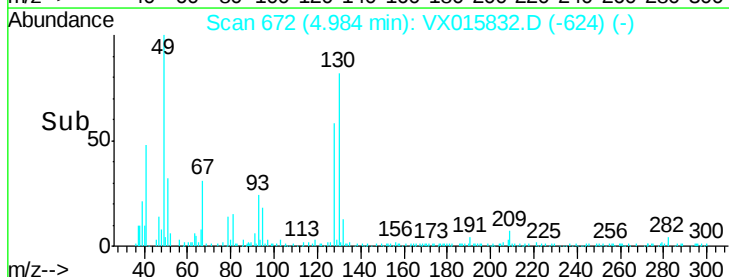
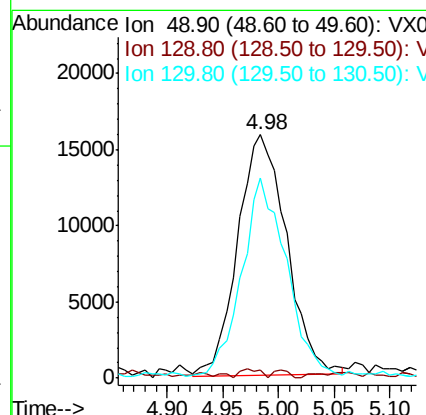
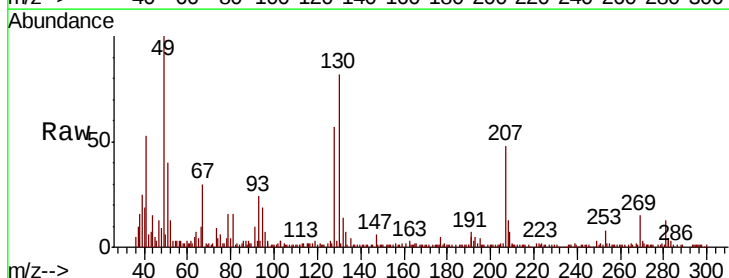
| Tot Ion | 96    | Resp  | 52627 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 158.0 | 0.0   | 299.4 |
| 98      | 65.5  | 0.0   | 129.6 |

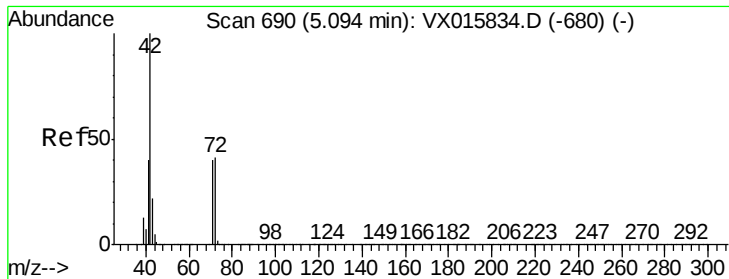


#28

Bromochloromethane  
Concen: 5.209 ug/l  
RT: 4.98 min Scan# 672  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

| Tgt Ion | 49    | Resp  | 47979 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 1.6   | 0.0   | 1.8   |
| 130     | 75.1  | 62.4  | 93.6  |





#29

Tetrahydrofuran

Concen: 25.549 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

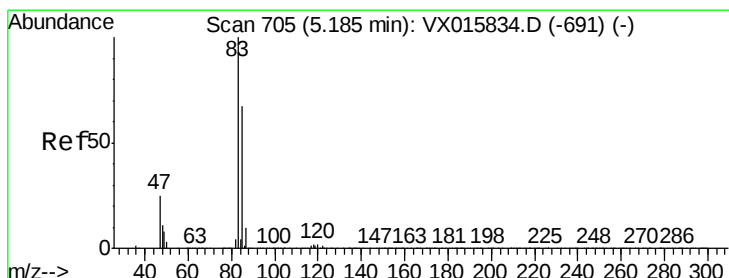
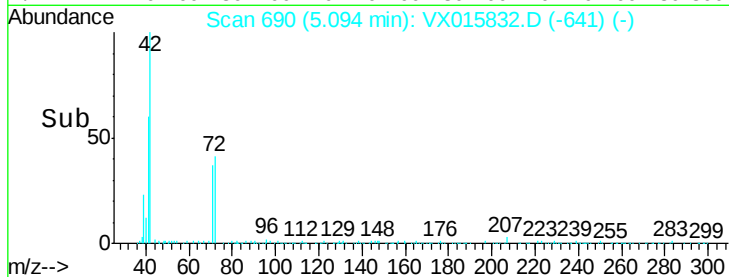
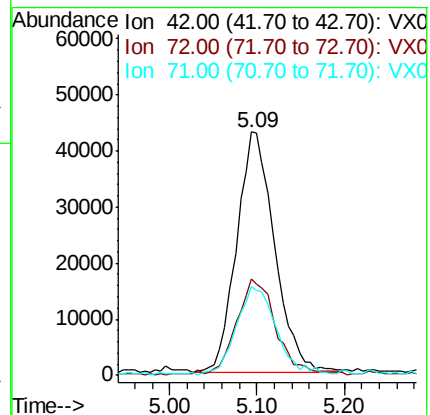
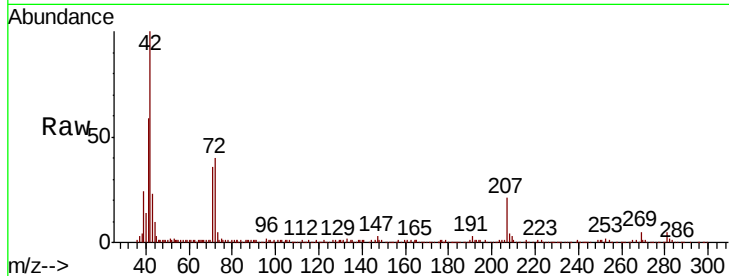
Tot Ion: 42 Resp: 128562

Ion Ratio Lower Upper

42 100

72 39.3 33.0 49.6

71 39.5 30.6 45.8



#30

Chloroform

Concen: 5.013 ug/l

RT: 5.19 min Scan# 706

Delta R.T. 0.01 min

Lab File: VX015832.D

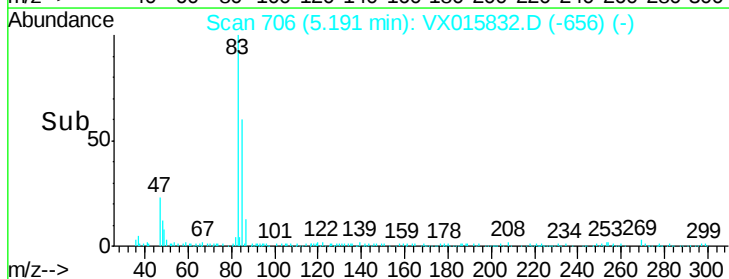
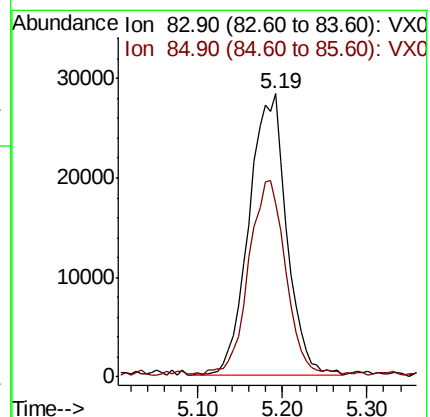
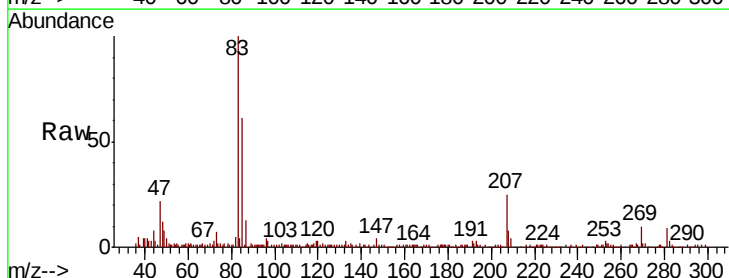
Acq: 22 Apr 2020 10:21

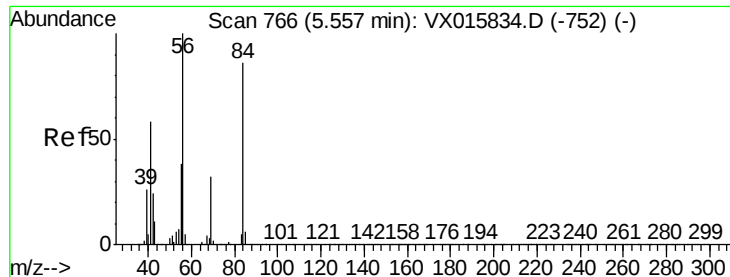
Tgt Ion: 83 Resp: 86593

Ion Ratio Lower Upper

83 100

85 60.4 53.4 80.0

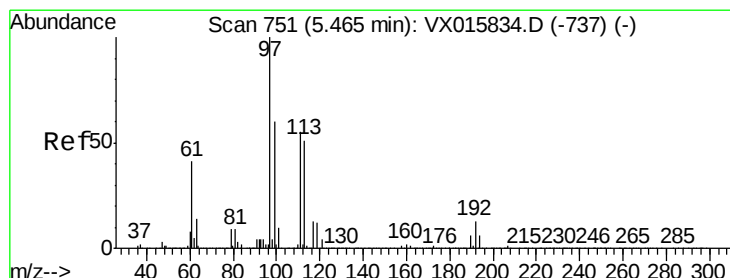
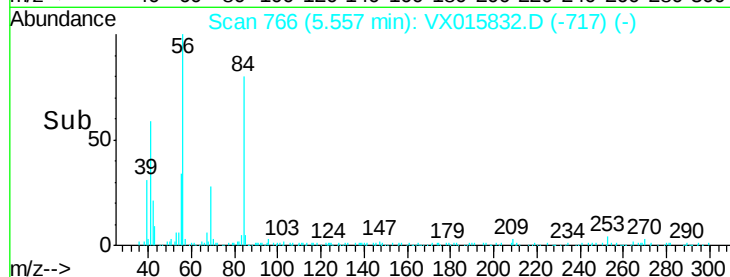
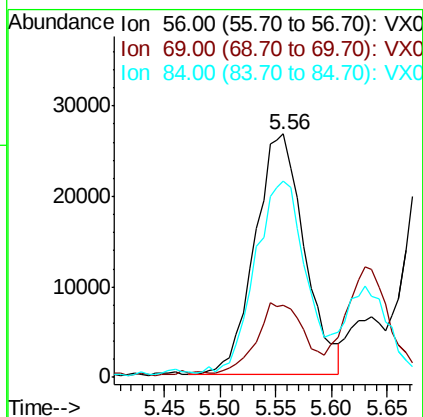
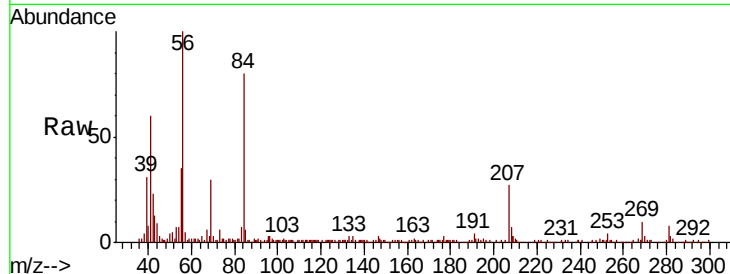




#31  
Cyclohexane  
Concen: 5.010 ug/l  
RT: 5.56 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

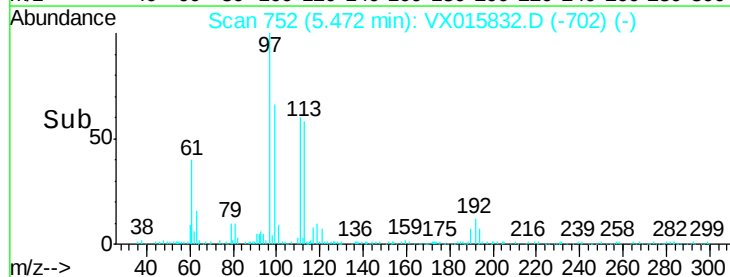
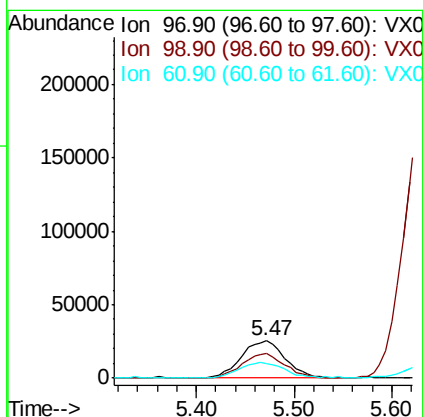
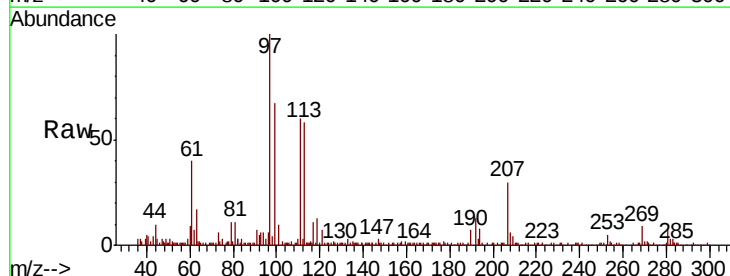
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

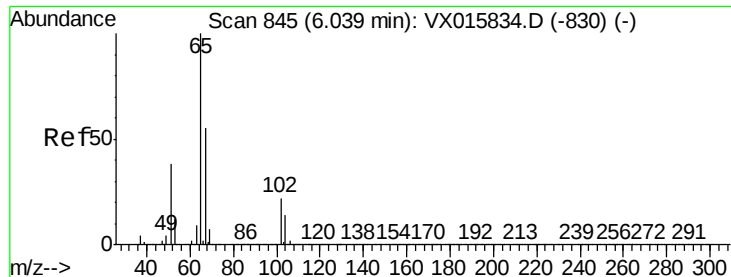
Tot Ion: 56 Resp: 82604  
Ion Ratio Lower Upper  
56 100  
69 28.2 25.3 37.9  
84 79.0 69.1 103.7



#32  
1,1,1-Trichloroethane  
Concen: 5.214 ug/l  
RT: 5.47 min Scan# 752  
Delta R.T. 0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 97 Resp: 79479  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.2 76.8  
61 39.2 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 4.893 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

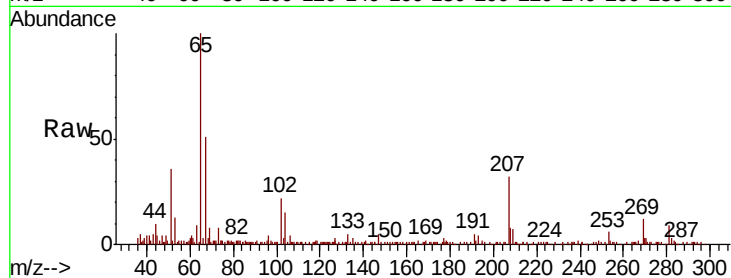
VSTDIC005

Tot Ion: 65 Resp: 56879

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

25000

20000

15000

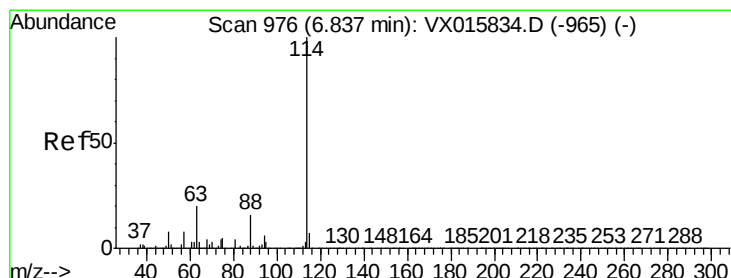
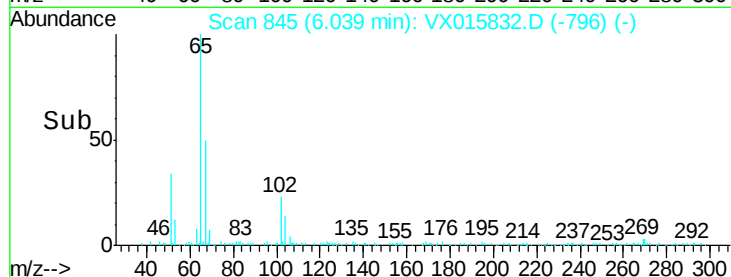
10000

5000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

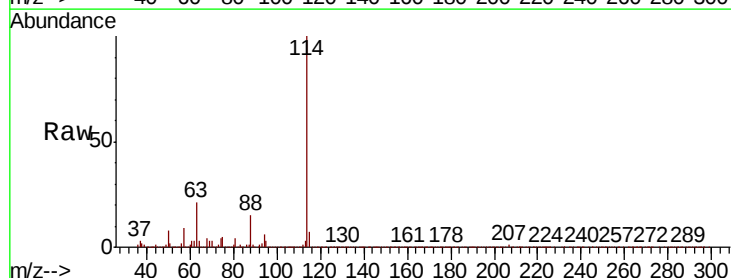
Tgt Ion: 114 Resp: 1475582

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

88 14.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

600000

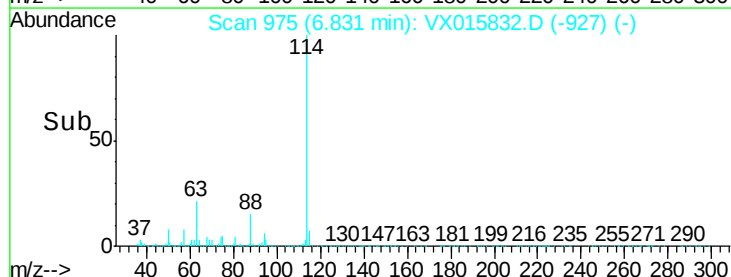
400000

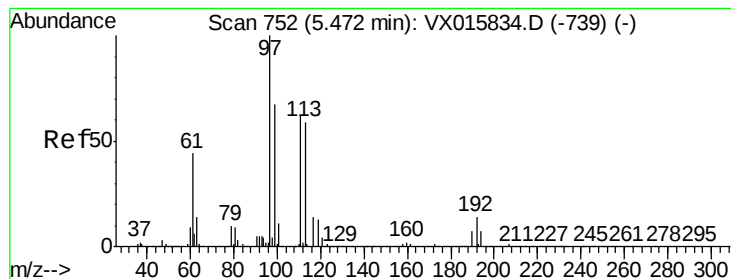
200000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 4.707 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

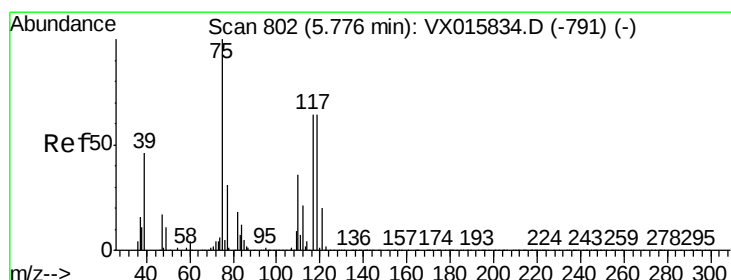
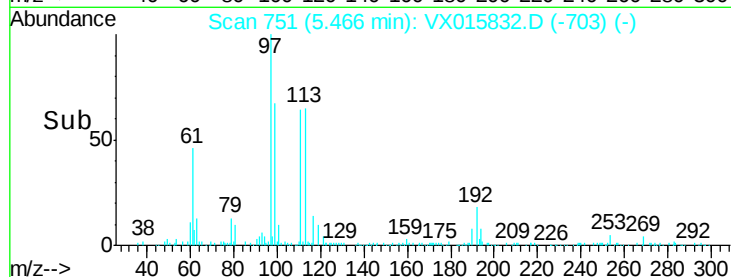
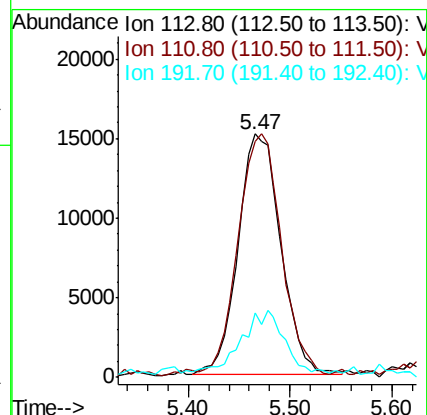
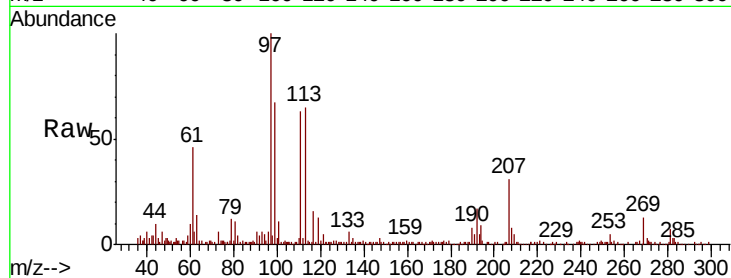
Tot Ion:113 Resp: 43917

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 29.0 19.3 28.9#



#36

1,1-Dichloropropene

Concen: 4.958 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

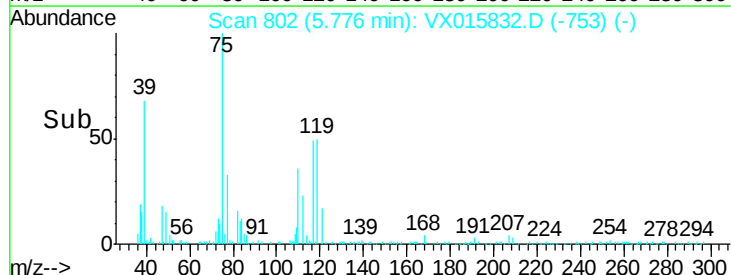
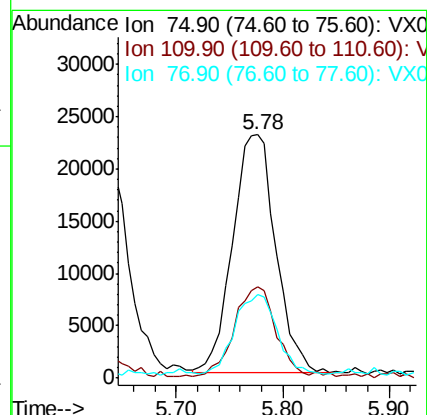
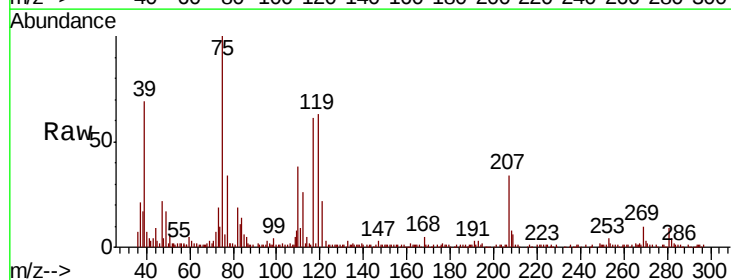
Tgt Ion: 75 Resp: 64211

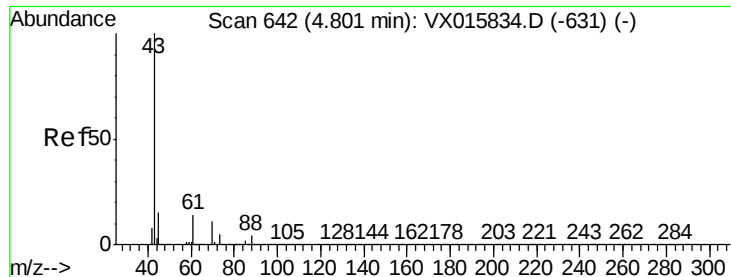
Ion Ratio Lower Upper

75 100

110 36.5 17.9 53.8

77 33.5 24.5 36.7

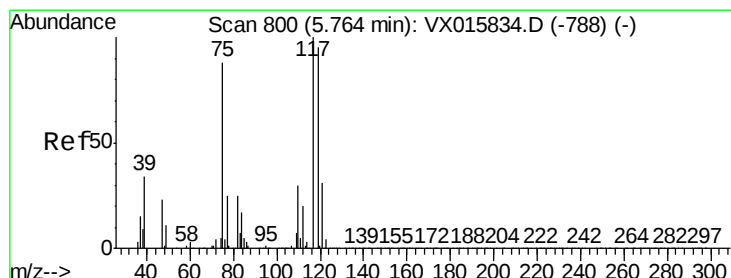
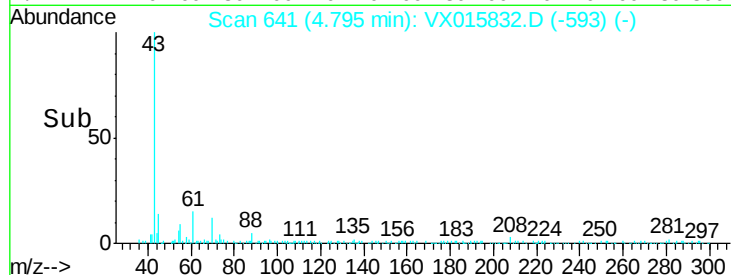
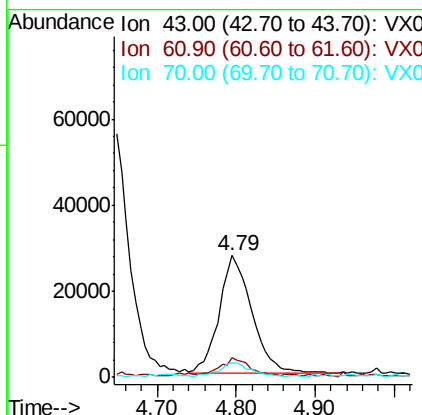
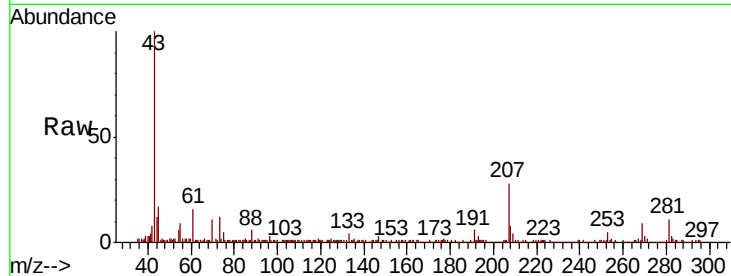




#37  
Ethyl Acetate  
Concen: 5.105 ug/l  
RT: 4.79 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

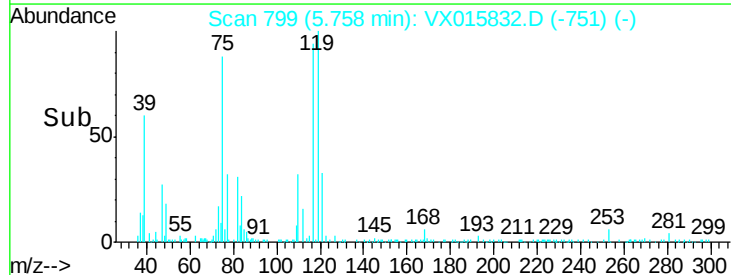
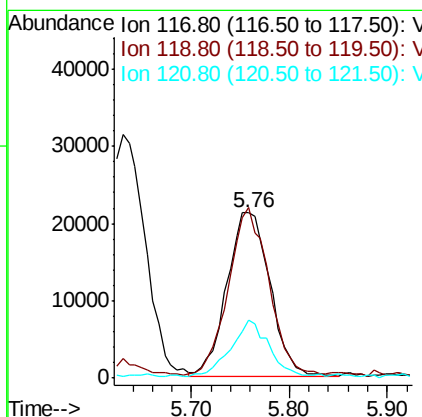
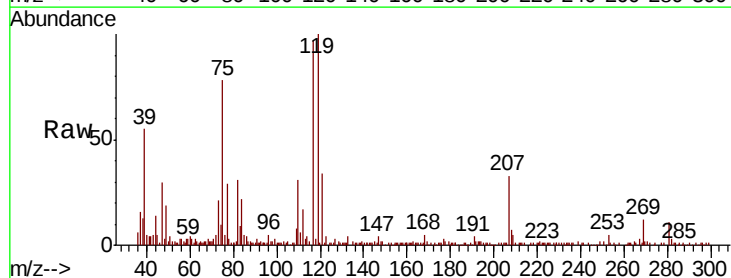
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

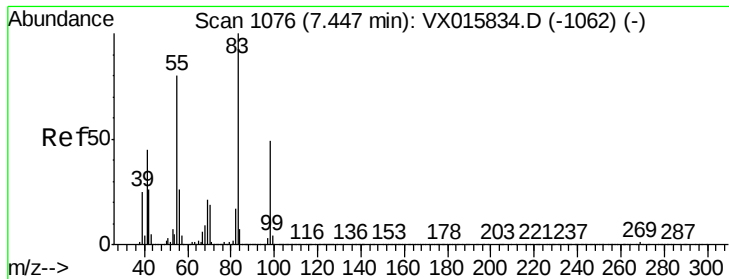
Tot Ion: 43 Resp: 79508  
Ion Ratio Lower Upper  
43 100  
61 13.4 10.8 16.2  
70 12.4 8.2 12.2#



#38  
Carbon Tetrachloride  
Concen: 5.161 ug/l  
RT: 5.76 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 117 Resp: 64932  
Ion Ratio Lower Upper  
117 100  
119 101.7 75.7 113.5  
121 34.2 25.0 37.6

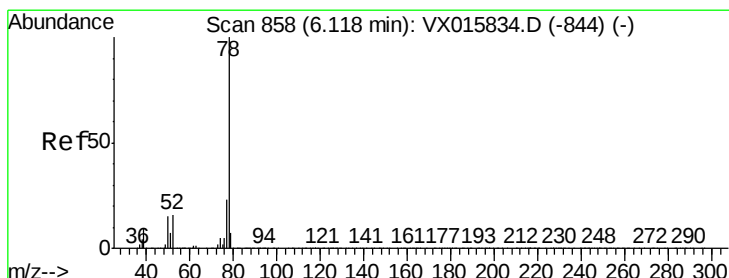
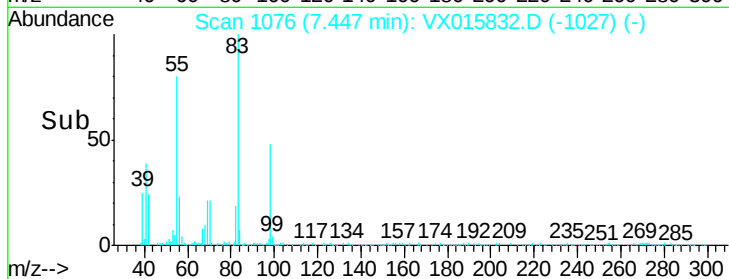
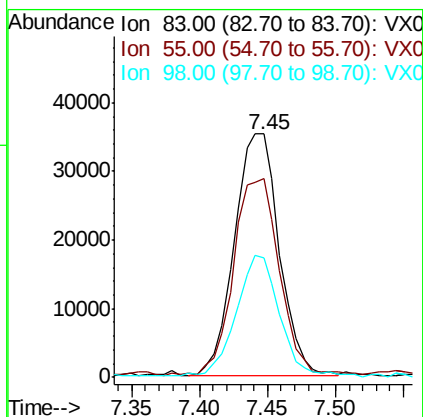
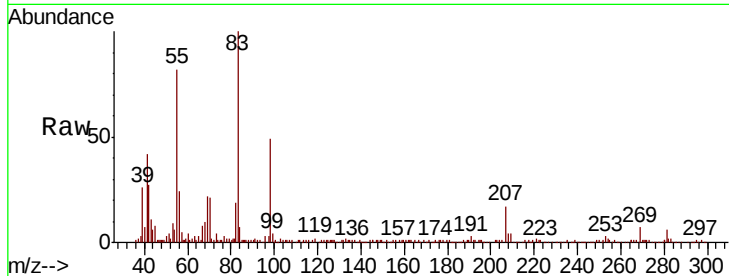




#39  
Methvlcvclohexane  
Concen: 4.848 ug/l  
RT: 7.45 min Scan# 1076  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

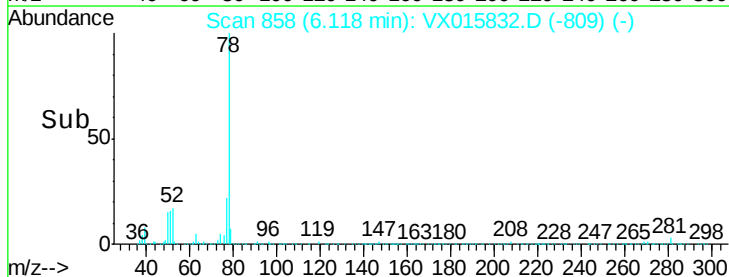
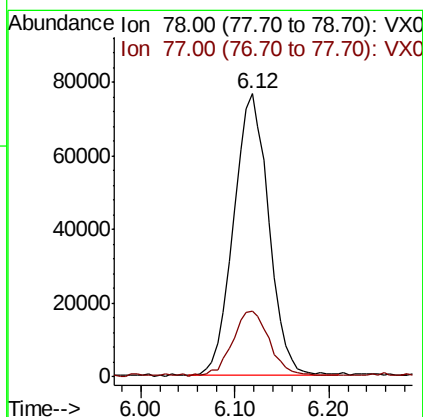
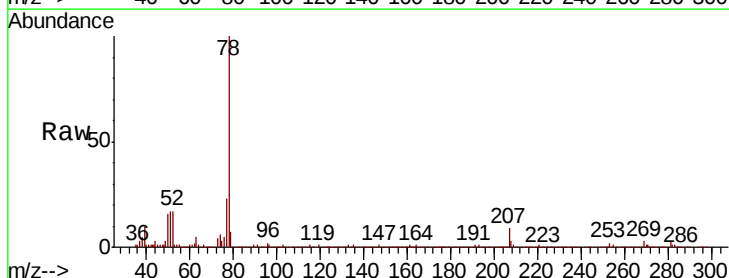
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

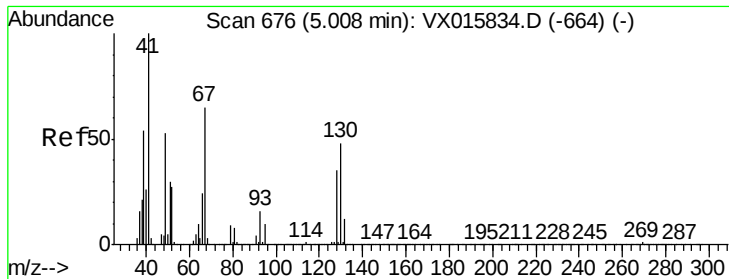
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 80.4  | 64.2  | 96.4  |
| 98      | 47.9  | 39.3  | 58.9  |



#40  
Benzene  
Concen: 5.017 ug/l  
RT: 6.12 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.9  | 18.6  | 27.8  |

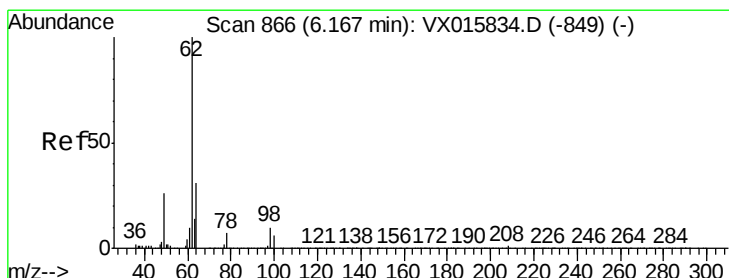
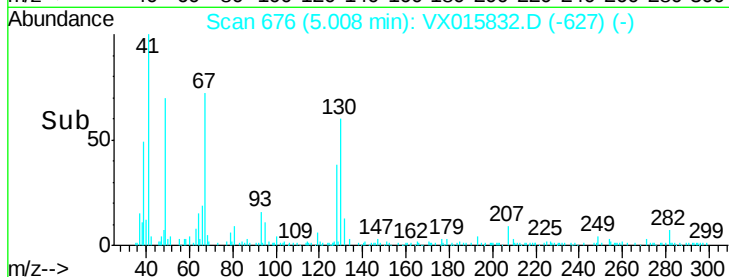
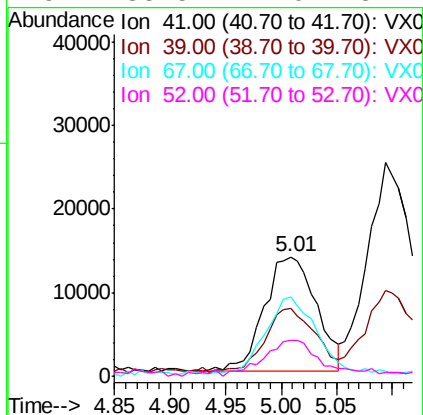
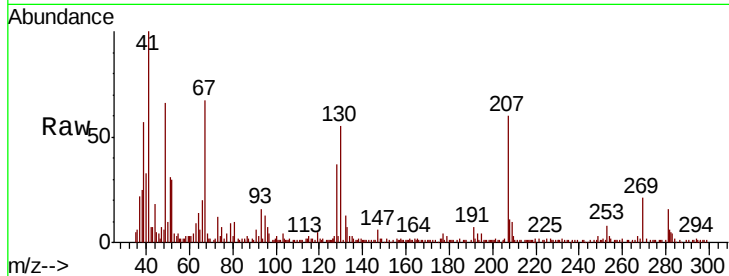




#41  
Methacrylonitrile  
Concen: 6.122 ug/l  
RT: 5.01 min Scan# 676  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

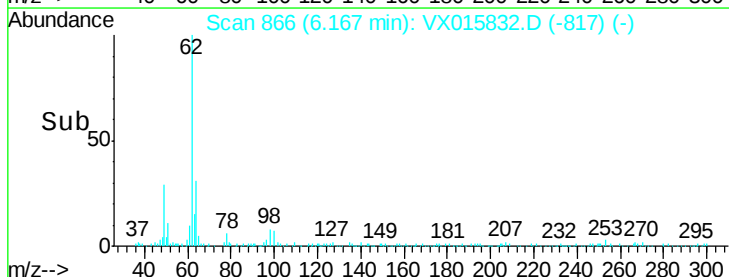
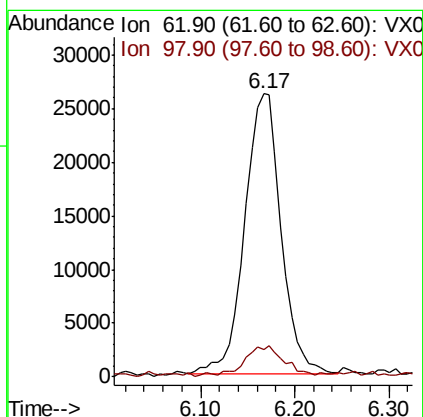
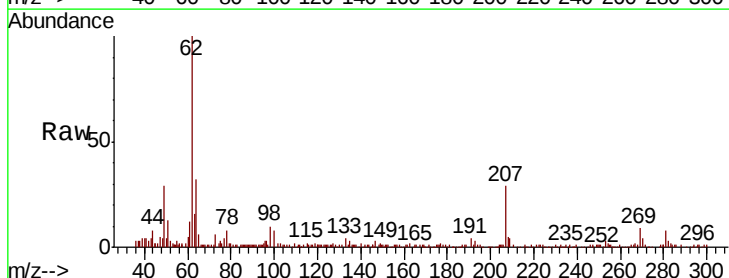
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

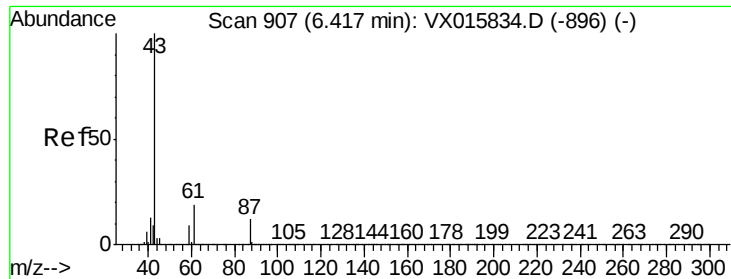
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 45024 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 50.5  | 42.4  | 63.6  |
| 67       | 64.1  | 51.9  | 77.9  |
| 52       | 33.5  | 21.0  | 31.4# |



#42  
1,2-Dichloroethane  
Concen: 4.959 ug/l  
RT: 6.17 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 70700 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.3  | 0.0   | 20.0  |





#43

Isopropyl Acetate

Concen: 5.105 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

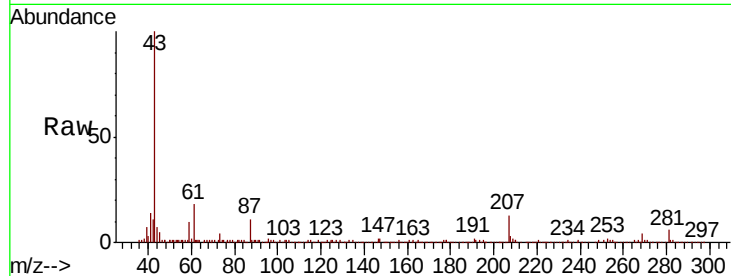
Tot Ion: 43 Resp: 133438

Ion Ratio Lower Upper

43 100

61 18.7 15.4 23.2

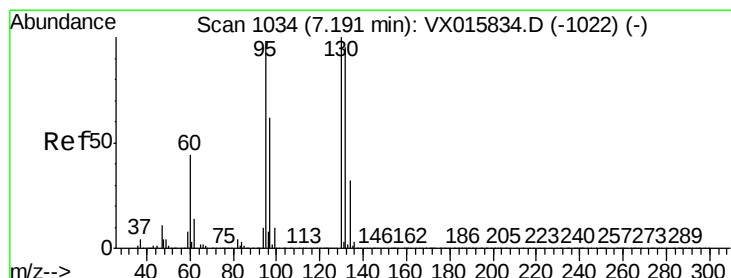
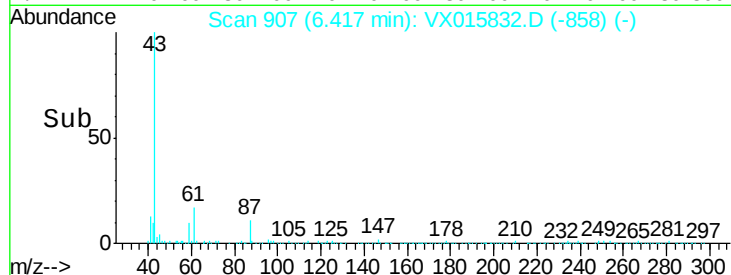
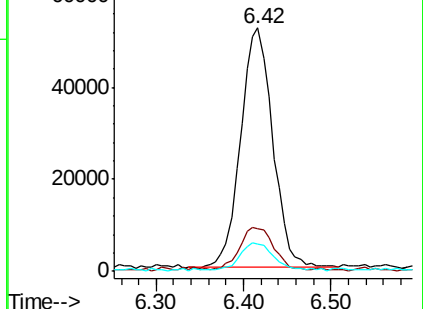
87 13.3 9.8 14.6



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: 5.081 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015832.D

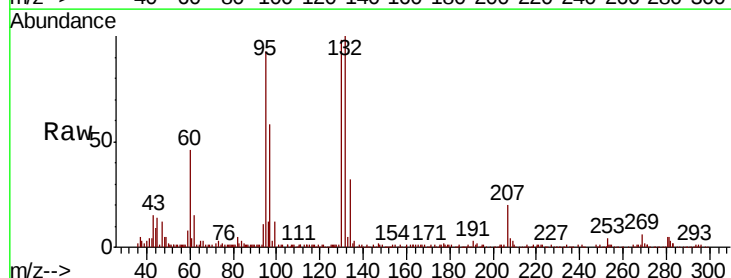
Acq: 22 Apr 2020 10:21

Tgt Ion: 130 Resp: 70434

Ion Ratio Lower Upper

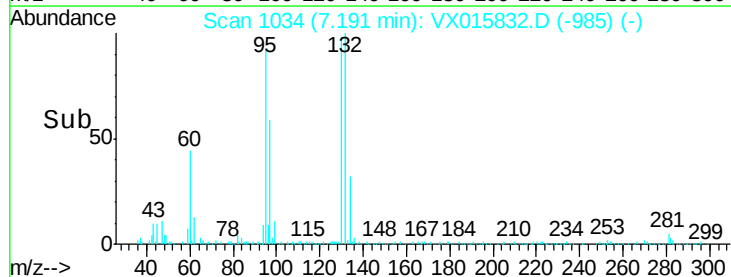
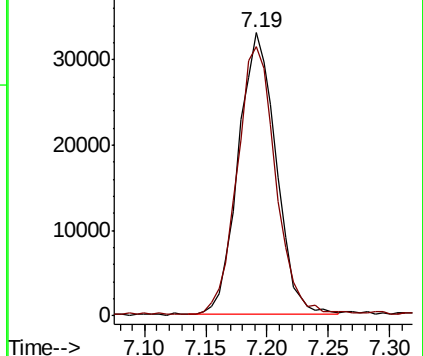
130 100

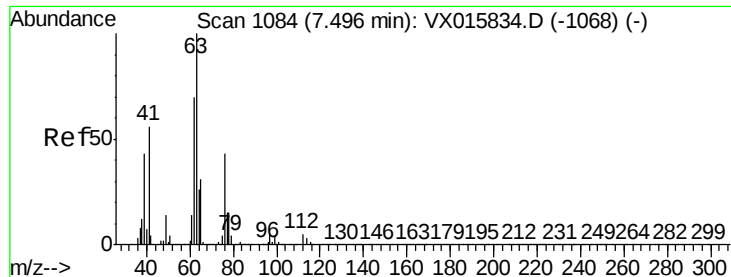
95 95.1 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.239 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

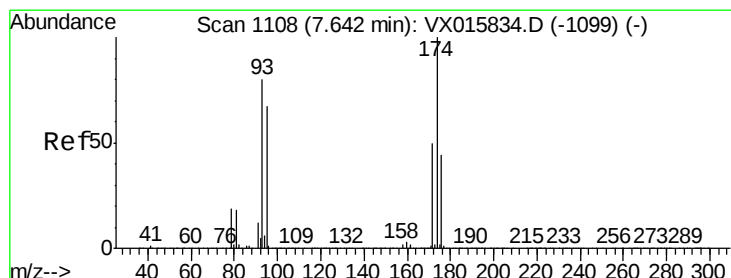
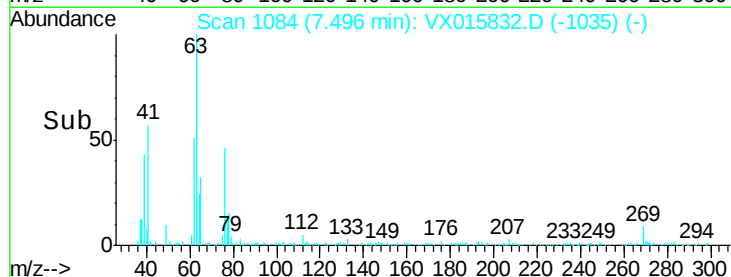
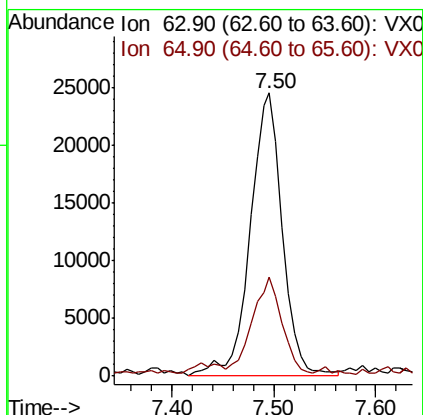
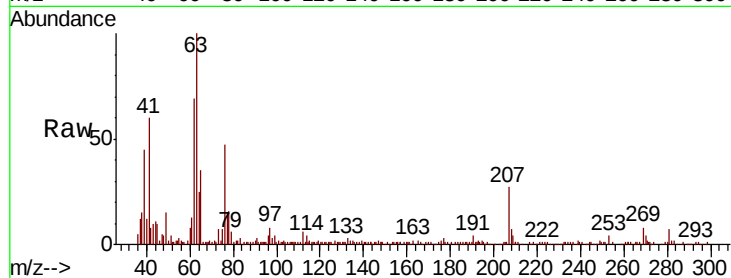
VSTDIC005

Tot Ion: 63 Resp: 53983

Ion Ratio Lower Upper

63 100

65 33.1 24.5 36.7



#46

Dibromomethane

Concen: 4.839 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

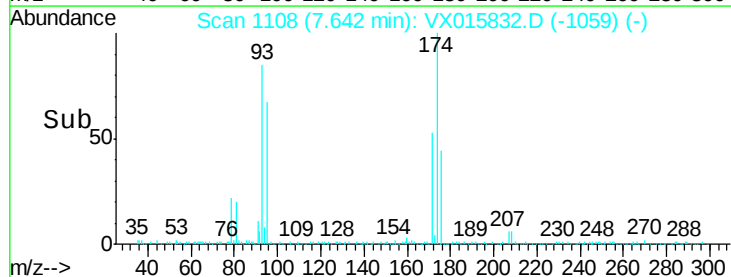
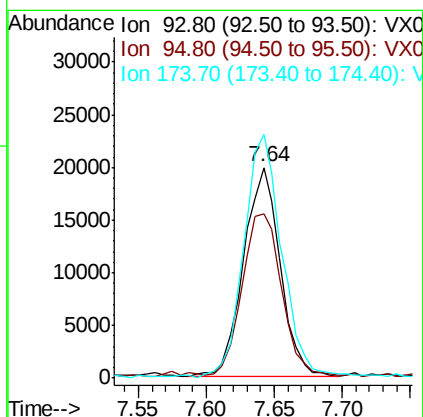
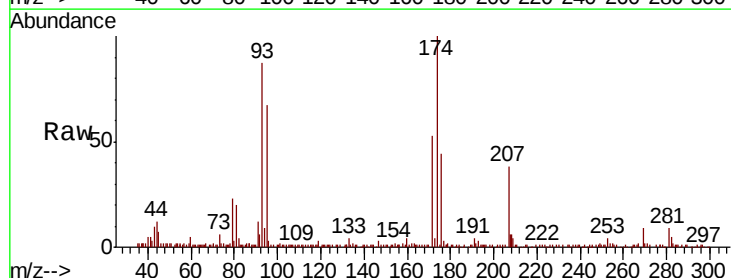
Tgt Ion: 93 Resp: 37526

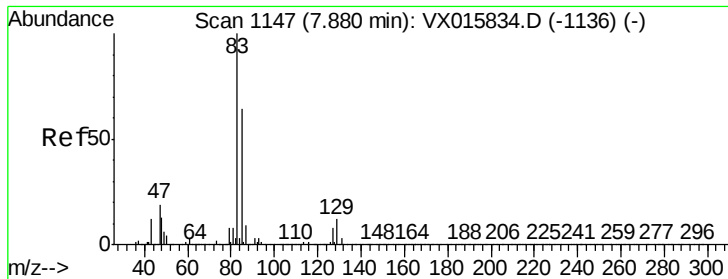
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

174 122.6 95.6 143.4





#47

Bromodichloromethane

Concen: 4.923 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

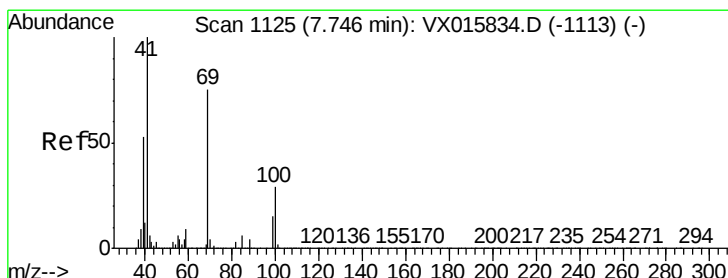
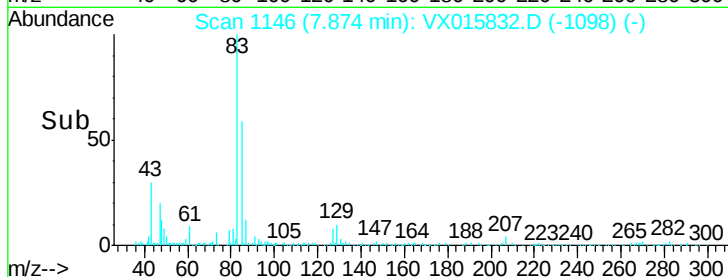
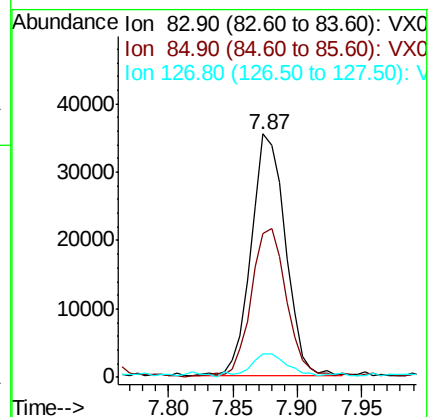
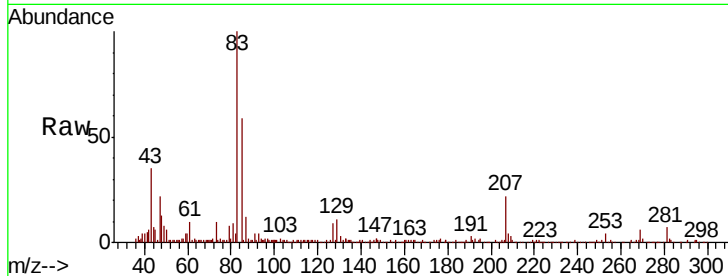
Tot Ion: 83 Resp: 64595

Ion Ratio Lower Upper

83 100

85 59.0 50.8 76.2

127 7.9 6.6 10.0



#48

Methyl methacrylate

Concen: 4.979 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

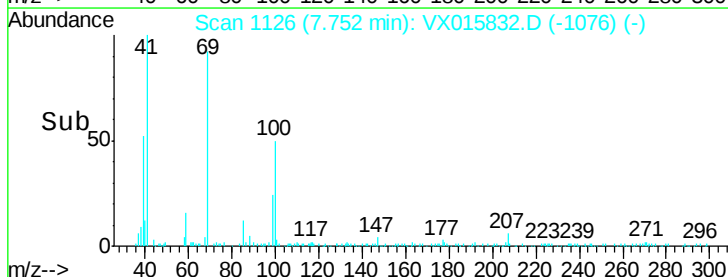
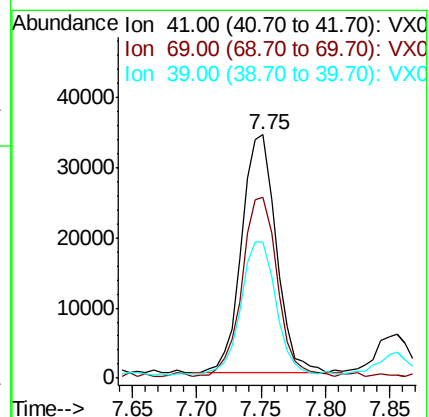
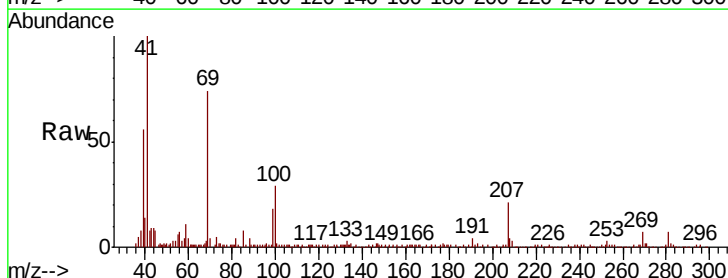
Tgt Ion: 41 Resp: 63370

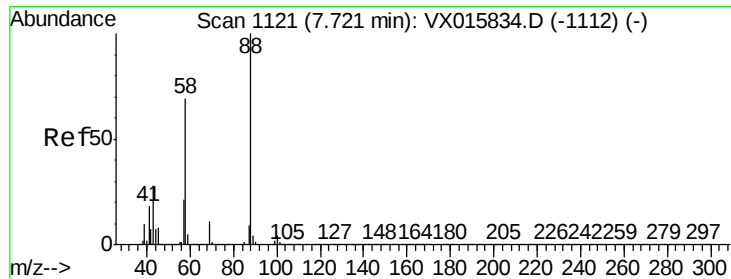
Ion Ratio Lower Upper

41 100

69 77.1 60.5 90.7

39 56.0 42.1 63.1





#49

1,4-Dioxane

Concen: 96.057 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

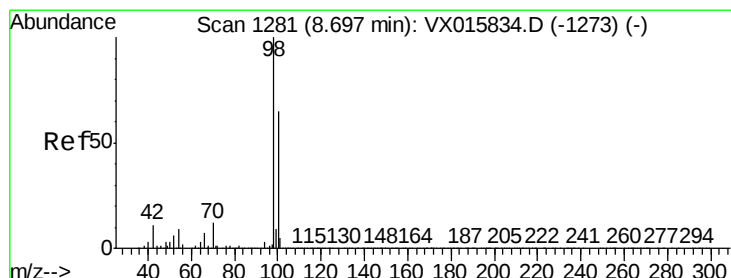
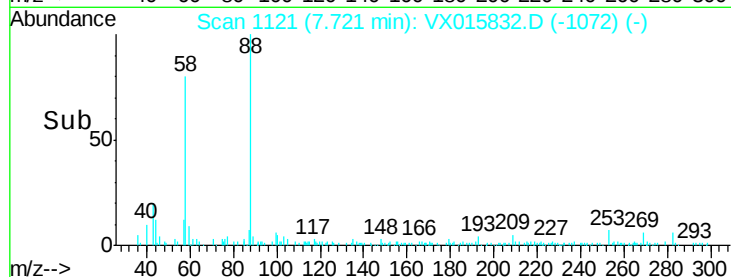
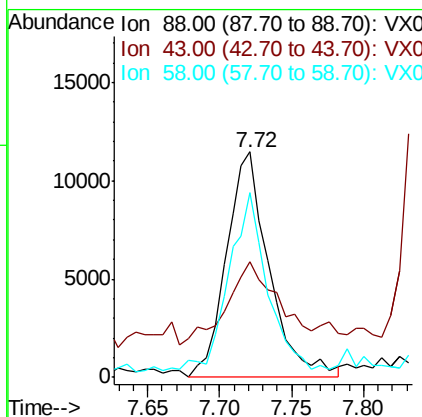
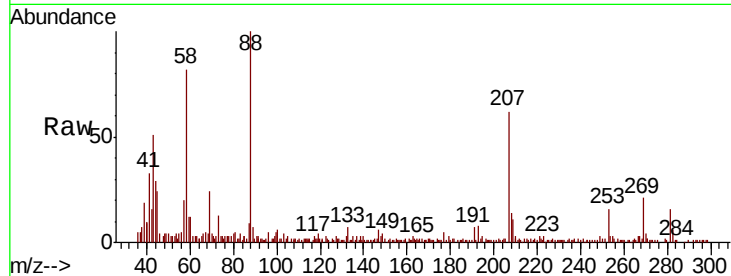
Tot Ion: 88 Resp: 23741

Ion Ratio Lower Upper

88 100

43 43.7 28.2 42.4#

58 73.1 58.9 88.3



#50

Toluene-d8

Concen: 4.982 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015832.D

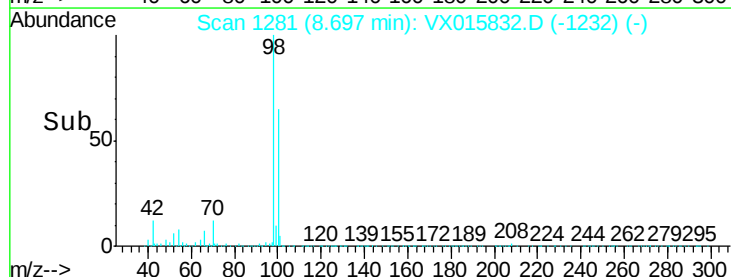
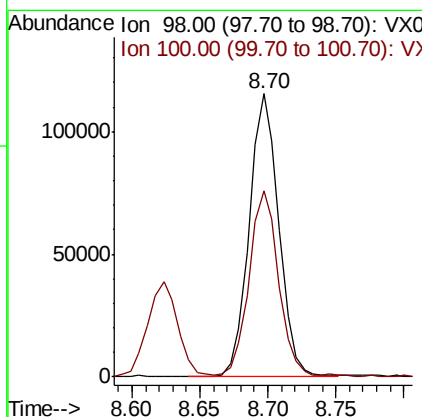
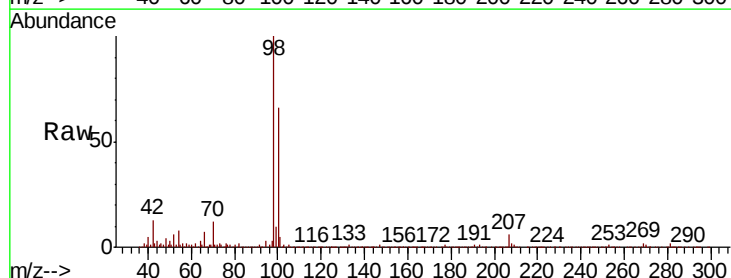
Acq: 22 Apr 2020 10:21

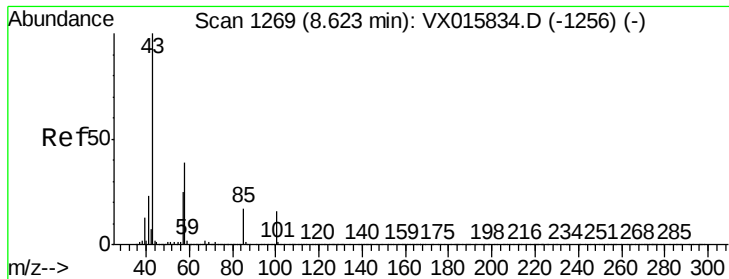
Tgt Ion: 98 Resp: 176886

Ion Ratio Lower Upper

98 100

100 65.1 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 25.644 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampled :

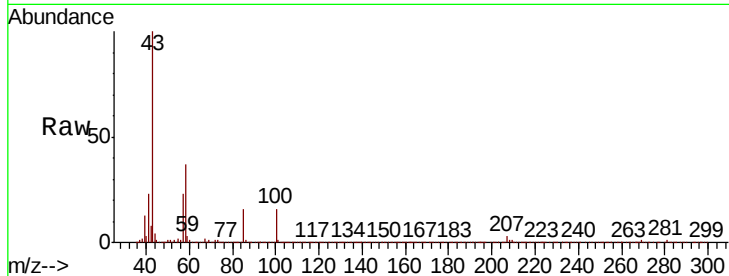
VSTDIC005

Tot Ion: 43 Resp: 388606

Ion Ratio Lower Upper

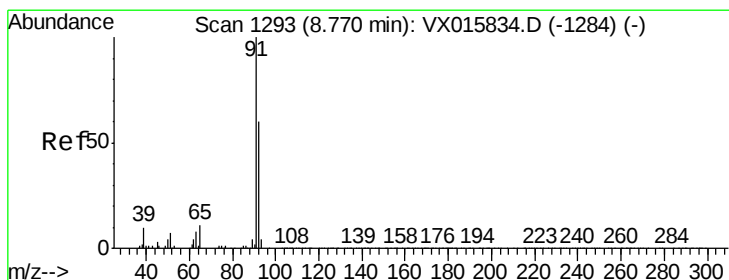
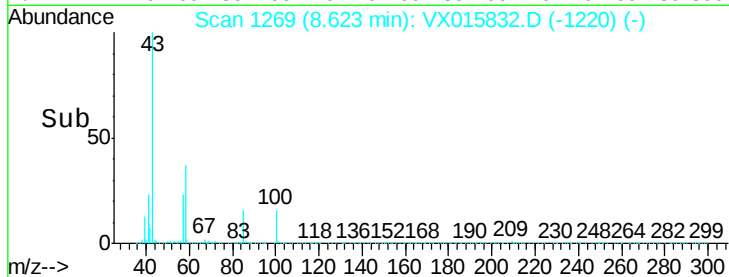
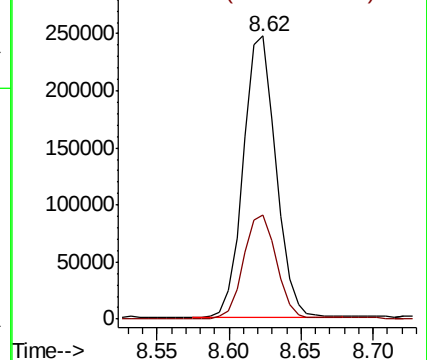
43 100

58 37.4 30.6 45.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.025 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015832.D

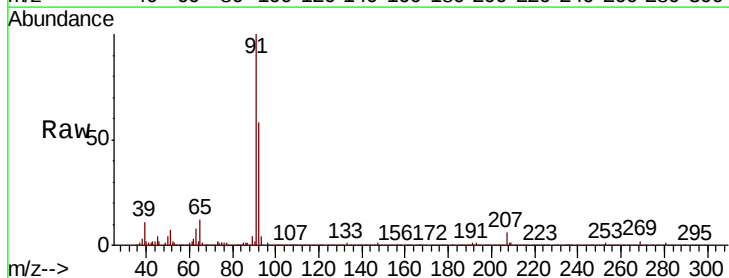
Acq: 22 Apr 2020 10:21

Tgt Ion: 92 Resp: 127906

Ion Ratio Lower Upper

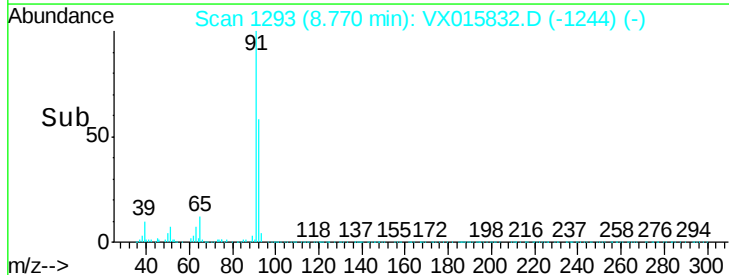
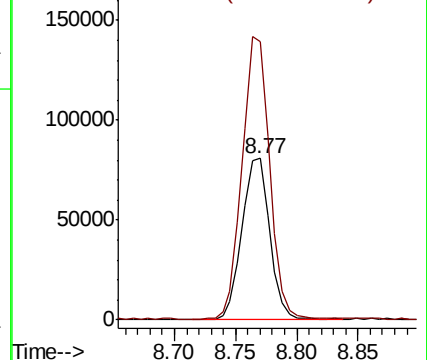
92 100

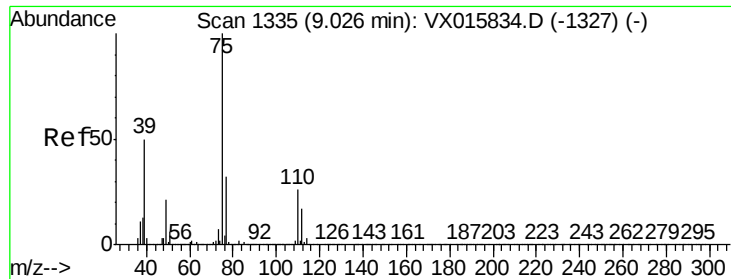
91 172.1 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

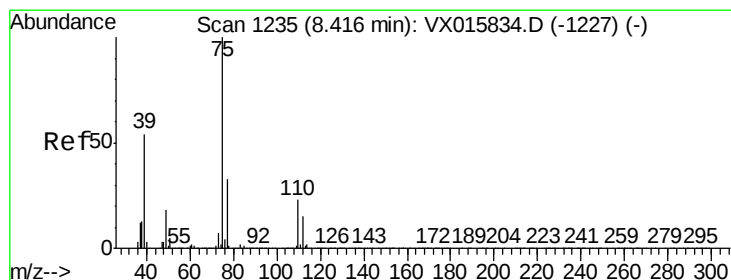
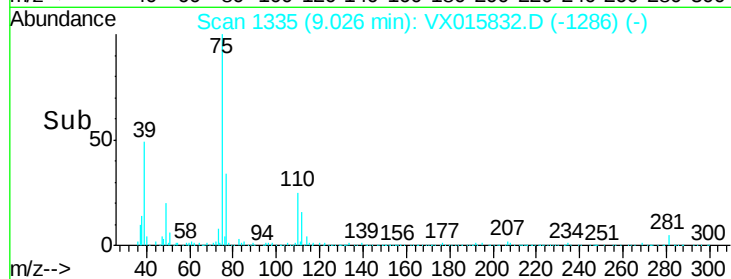
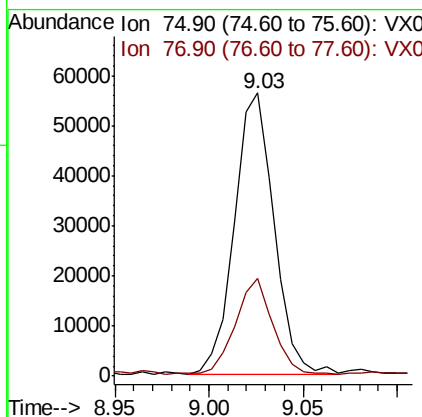
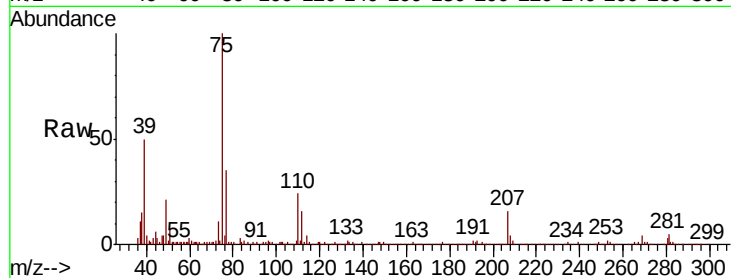




#53  
t-1,3-Dichloropropene  
Concen: 4.978 ug/l  
RT: 9.03 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

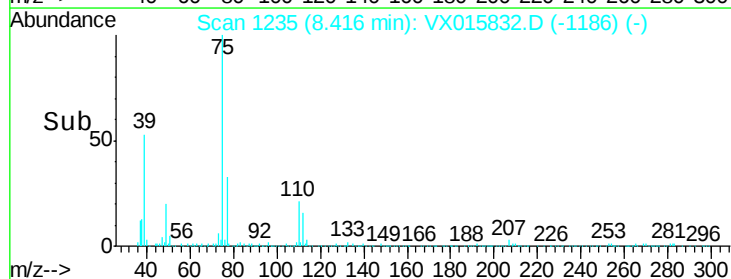
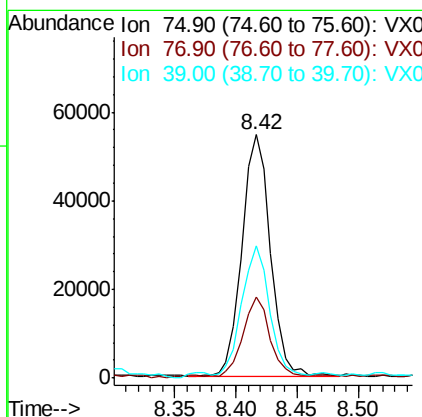
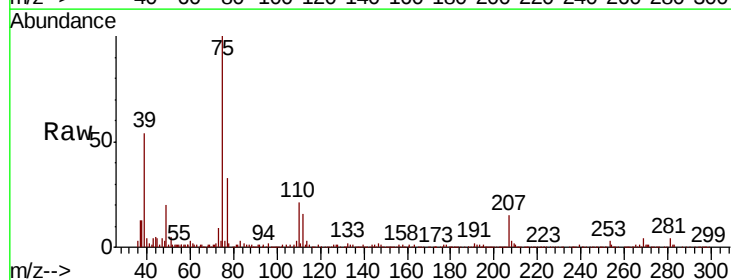
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

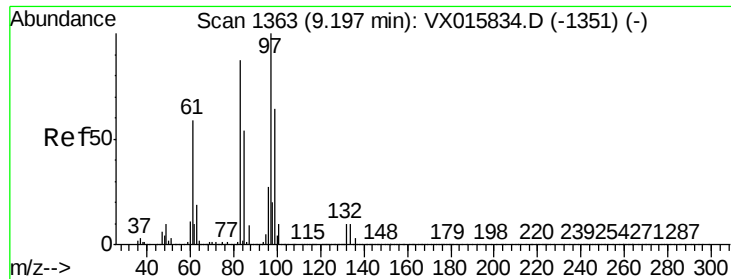
Tot Ion: 75 Resp: 81378  
Ion Ratio Lower Upper  
75 100  
77 34.3 25.9 38.9



#54  
cis-1,3-Dichloropropene  
Concen: 5.057 ug/l  
RT: 8.42 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 75 Resp: 88112  
Ion Ratio Lower Upper  
75 100  
77 32.4 26.0 39.0  
39 53.4 42.8 64.2

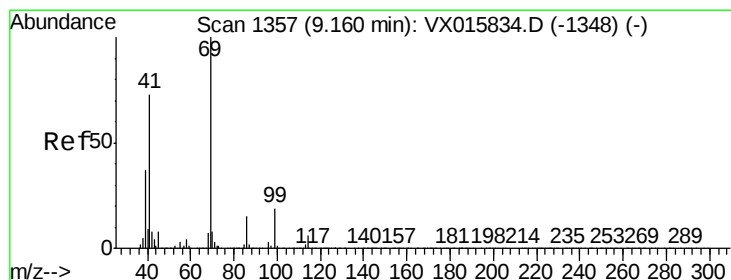
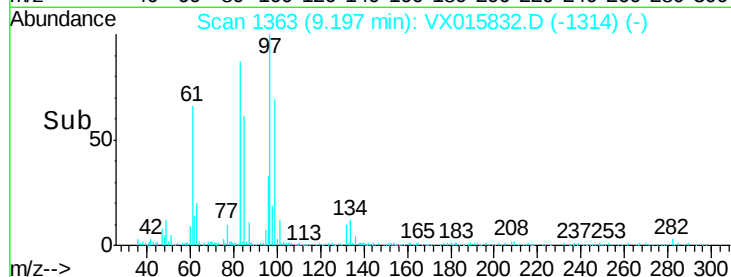
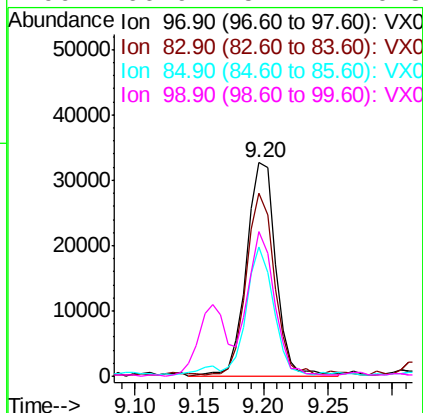
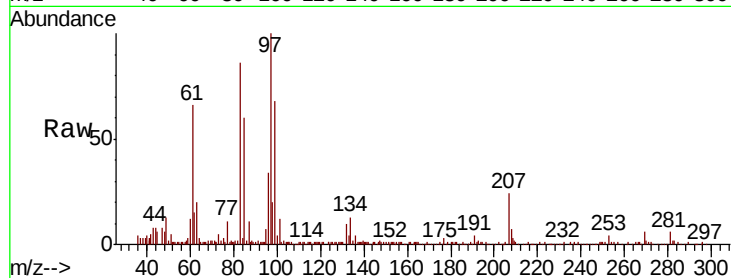




#55  
 1,1,2-Trichloroethane  
 Concen: 5.264 ug/l  
 RT: 9.20 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

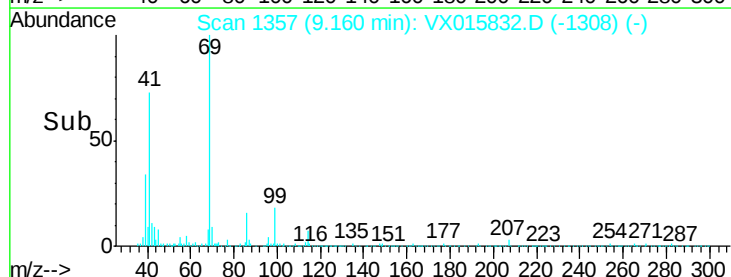
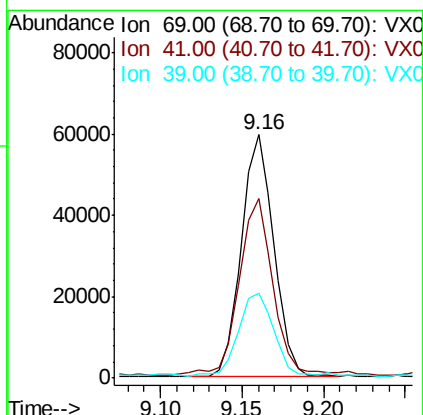
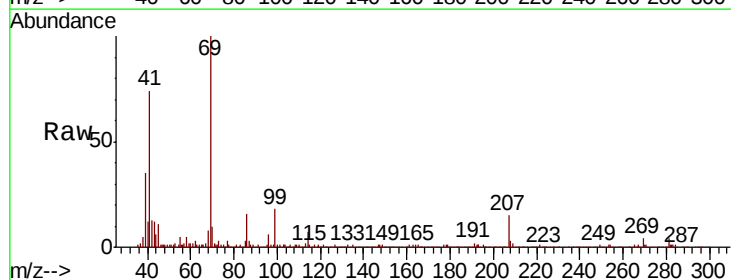
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

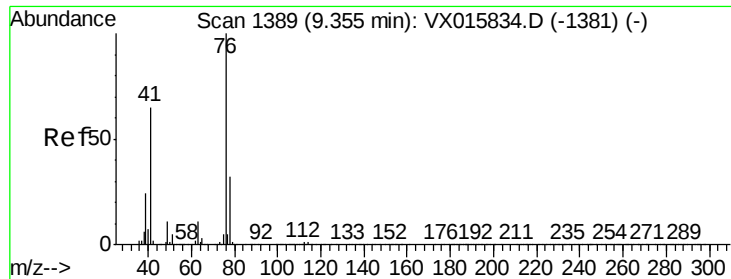
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 51643 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.7  | 69.8  | 104.8 |
| 85       | 59.0  | 43.4  | 65.2  |
| 99       | 66.9  | 51.2  | 76.8  |



#56  
 Ethyl methacrylate  
 Concen: 5.008 ug/l  
 RT: 9.16 min Scan# 1357  
 Delta R.T. 0.00 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 82353 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.3  | 57.4  | 86.2  |
| 39       | 37.7  | 29.7  | 44.5  |





#57

1,3-Dichloropropane

Concen: 5.043 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

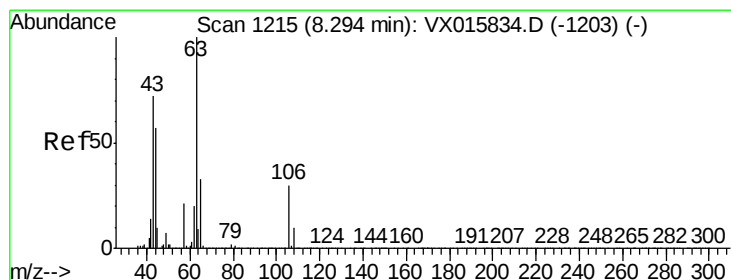
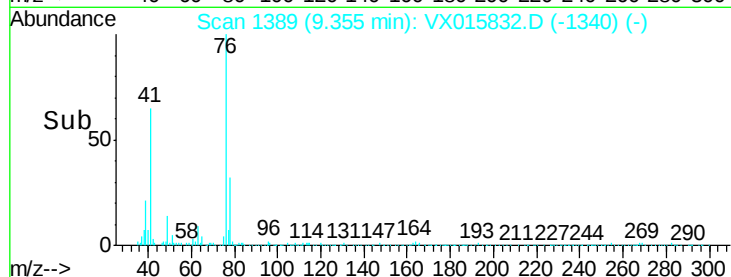
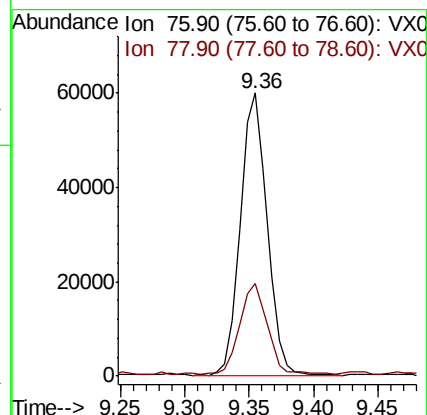
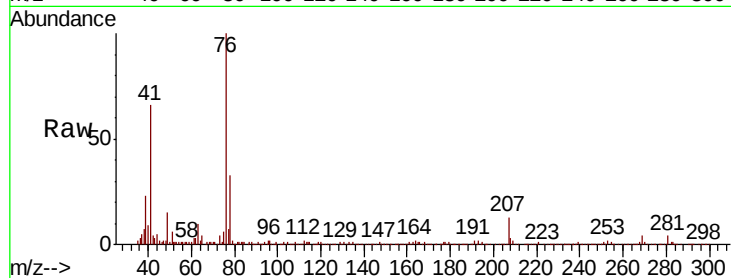
VSTDIC005

Tot Ion: 76 Resp: 86136

Ion Ratio Lower Upper

76 100

78 34.4 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 25.972 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015832.D

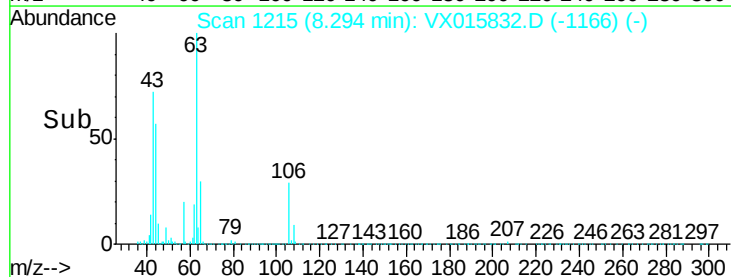
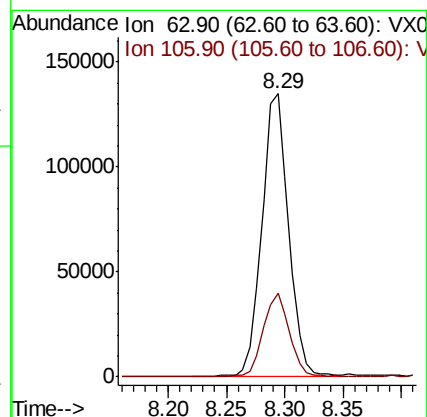
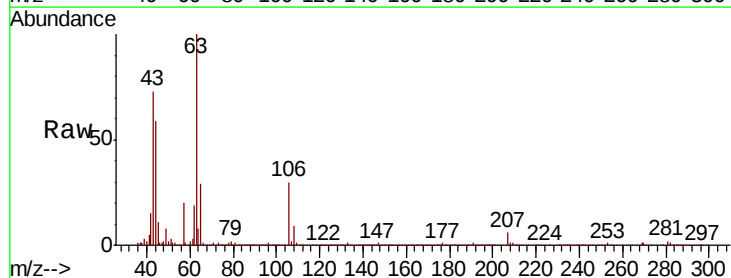
Acq: 22 Apr 2020 10:21

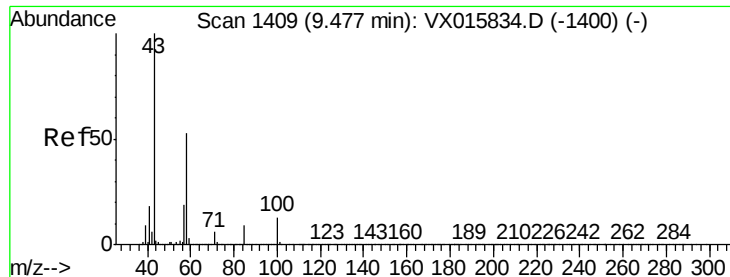
Tgt Ion: 63 Resp: 215569

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8

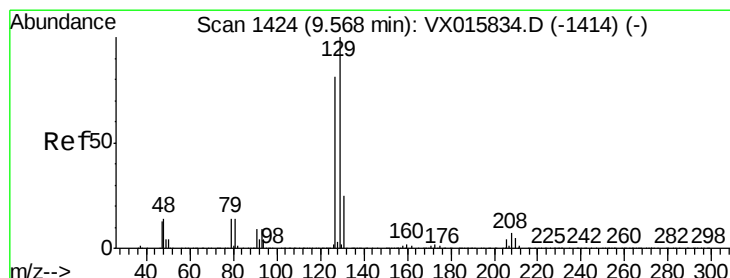
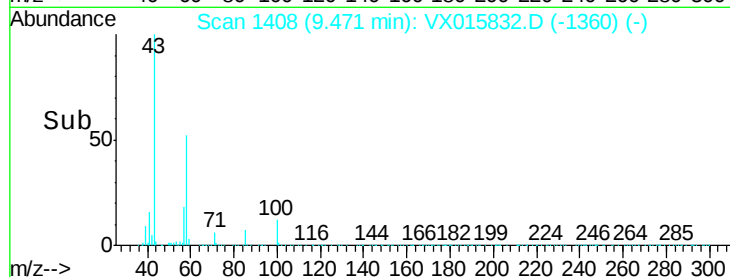
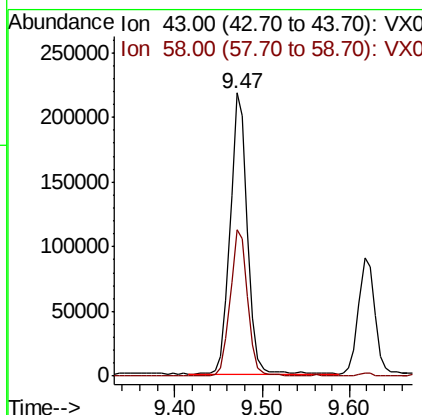
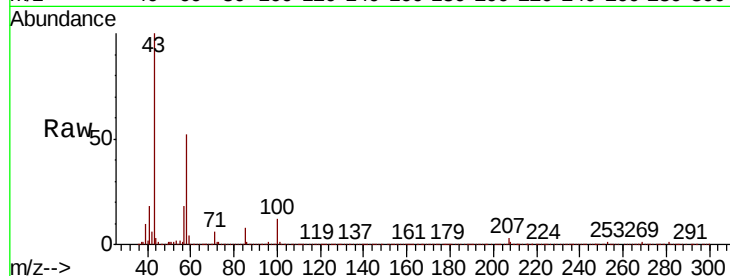




#59  
2-Hexanone  
Concen: 26.184 ug/l  
RT: 9.47 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

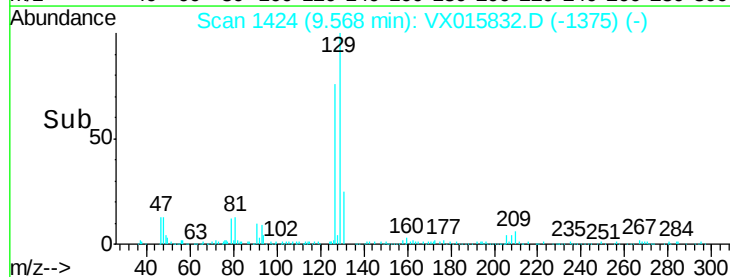
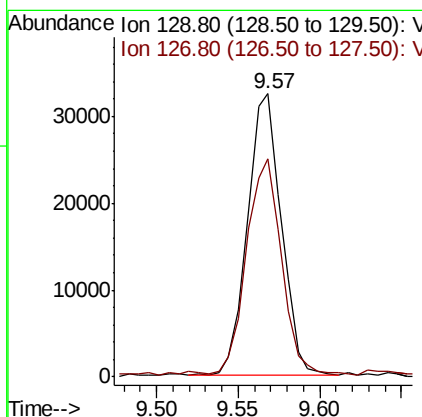
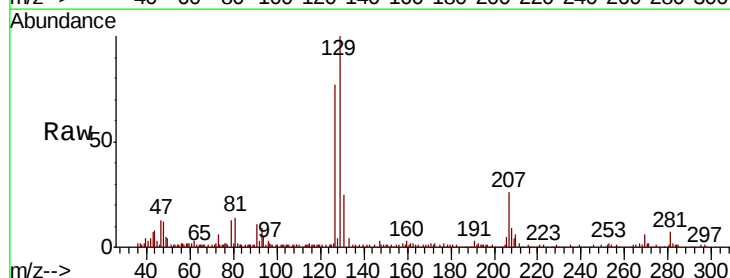
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

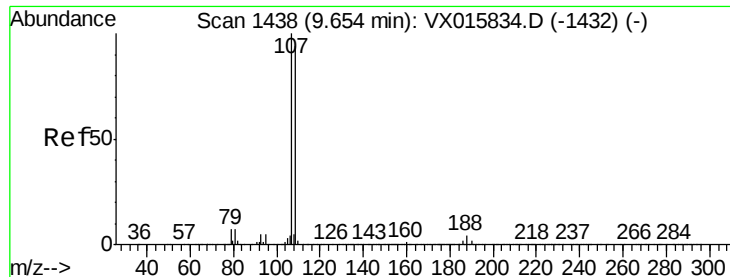
Tot Ion: 43 Resp: 299289  
Ion Ratio Lower Upper  
43 100  
58 51.8 26.5 79.4



#60  
Dibromochloromethane  
Concen: 4.898 ug/l  
RT: 9.57 min Scan# 1424  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion: 129 Resp: 47000  
Ion Ratio Lower Upper  
129 100  
127 79.2 40.0 120.0





#61

1,2-Dibromoethane

Concen: 5.035 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

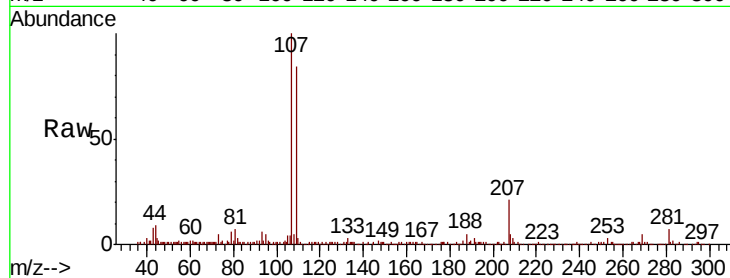
VSTDIC005

Tot Ion:107 Resp: 55144

Ion Ratio Lower Upper

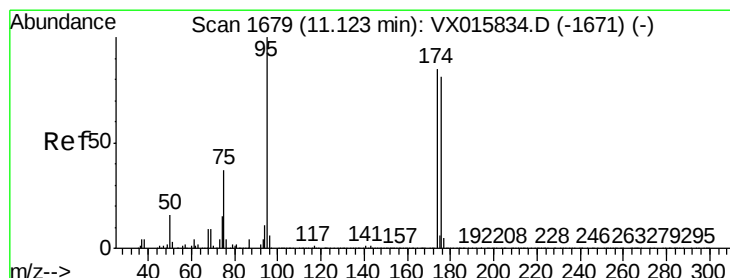
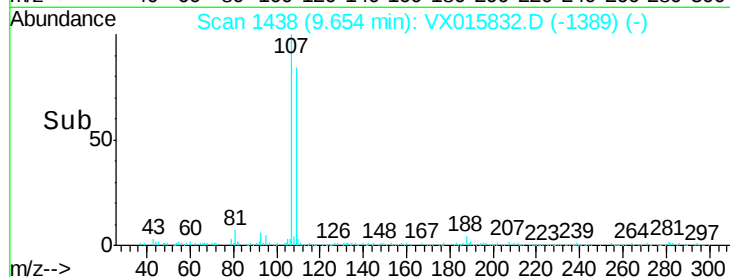
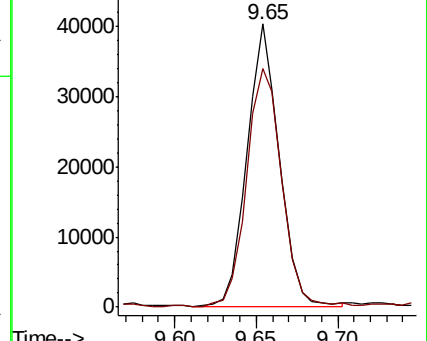
107 100

109 92.9 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: 4.701 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

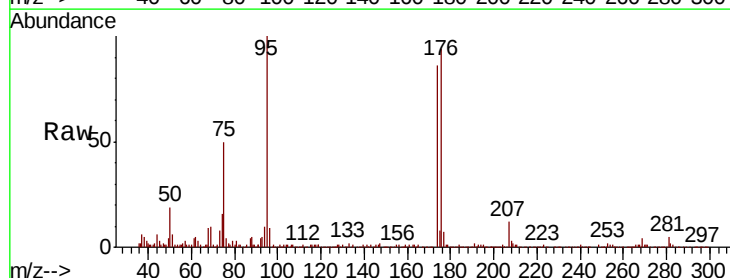
Tgt Ion: 95 Resp: 73069

Ion Ratio Lower Upper

95 100

174 85.0 0.0 172.4

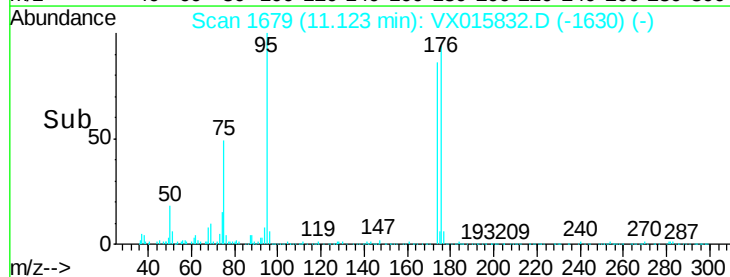
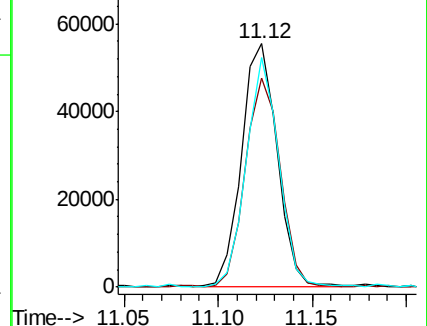
176 85.4 0.0 167.0

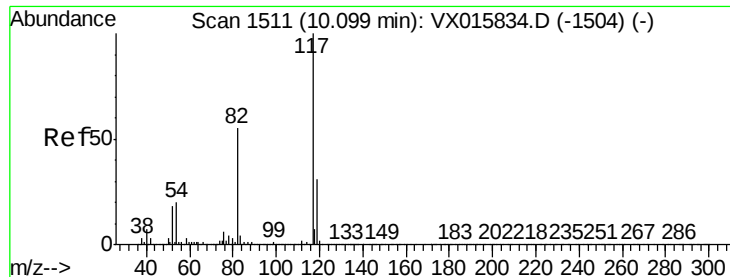


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

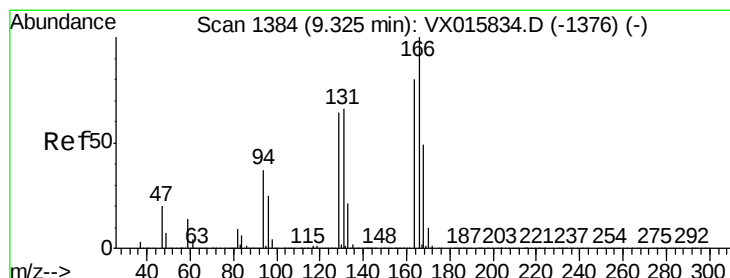
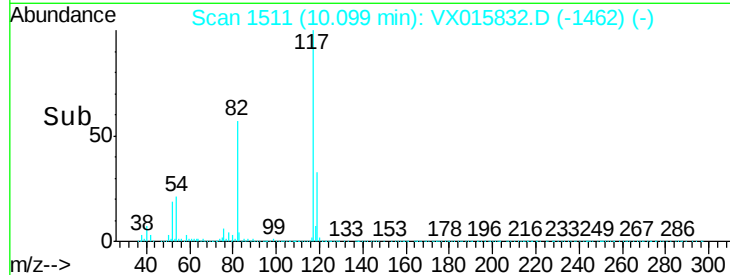
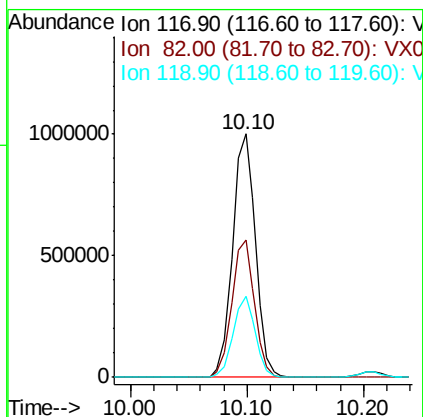
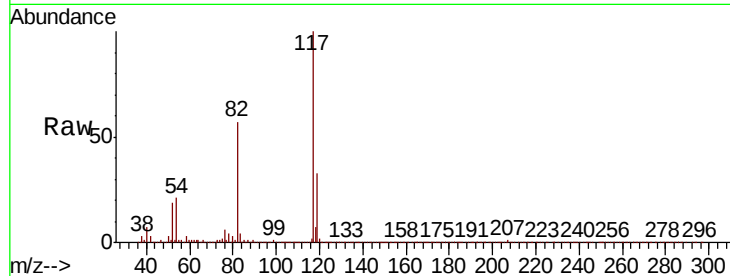




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

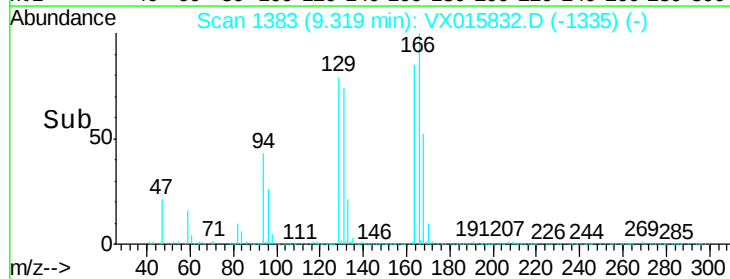
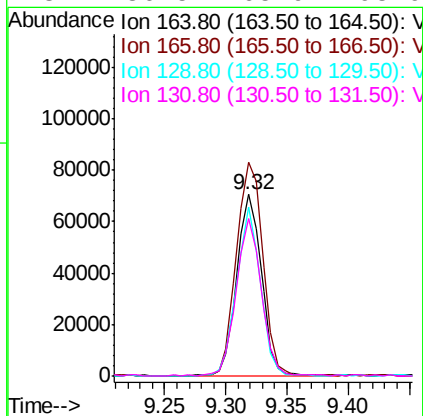
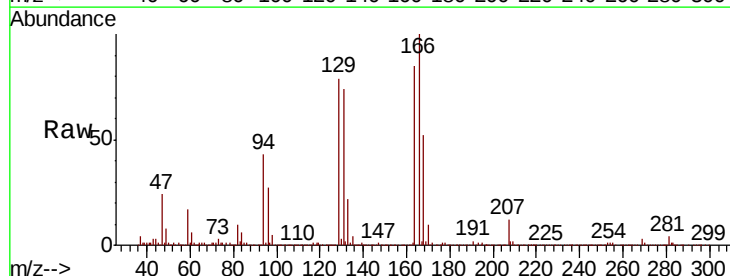
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

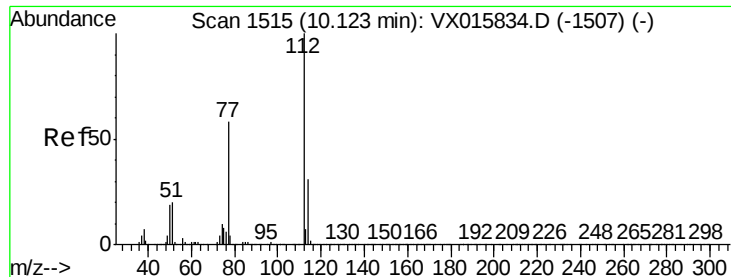
Tot Ion:117 Resp: 1370454  
Ion Ratio Lower Upper  
117 100  
82 56.5 43.9 65.9  
119 33.4 25.1 37.7



#64  
Tetrachloroethene  
Concen: 5.182 ug/l  
RT: 9.32 min Scan# 1383  
Delta R.T. -0.01 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion:164 Resp: 99519  
Ion Ratio Lower Upper  
164 100  
166 117.4 100.2 150.2  
129 93.3 64.5 96.7  
131 86.5 65.9 98.9





#65

Chlorobenzene

Concen: 5.112 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

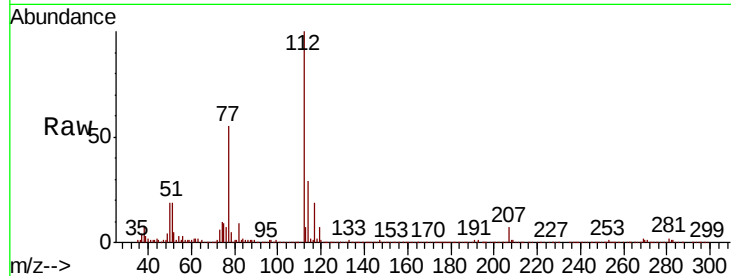
VSTDIC005

Tot Ion:112 Resp: 141466

Ion Ratio Lower Upper

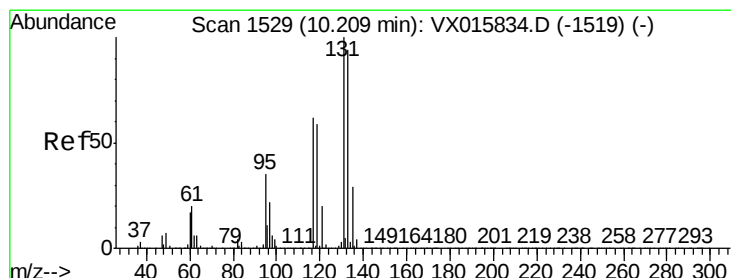
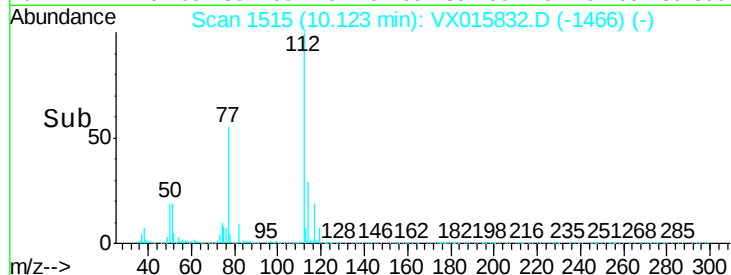
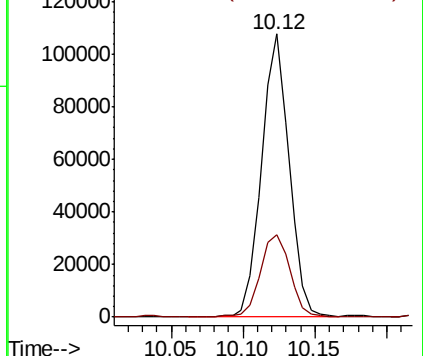
112 100

114 28.9 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.869 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

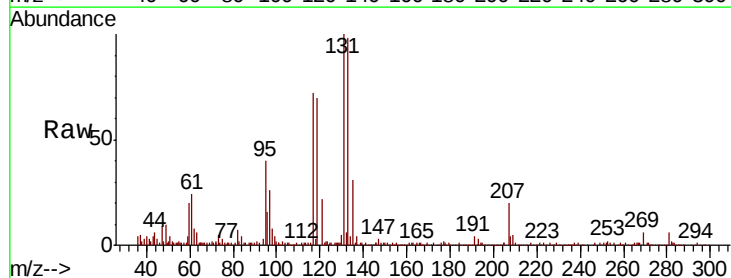
Tgt Ion:131 Resp: 49429

Ion Ratio Lower Upper

131 100

133 96.1 47.0 141.2

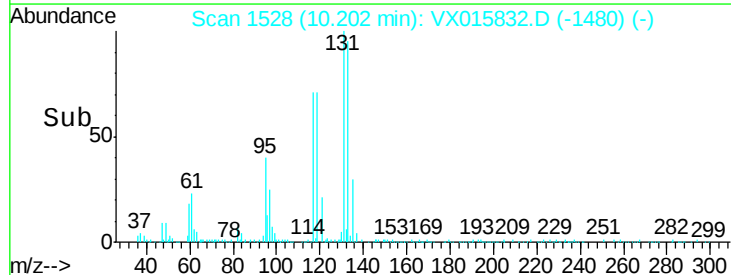
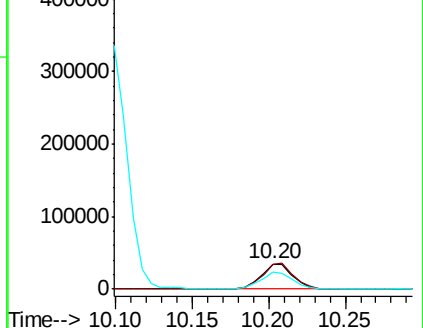
119 66.8 30.9 92.8

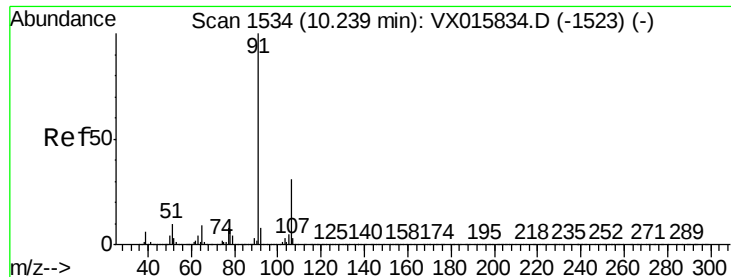


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.060 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

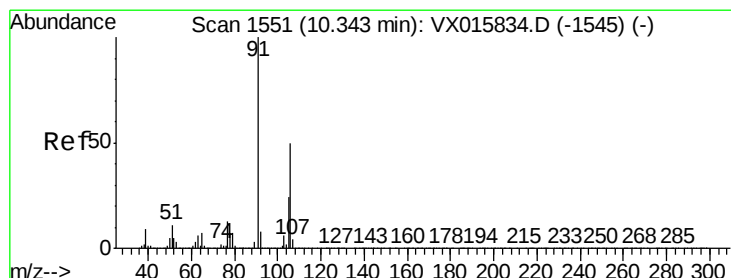
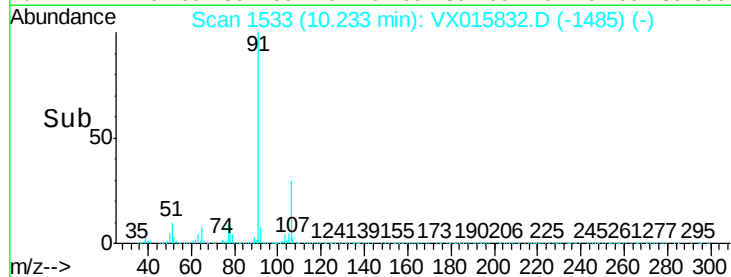
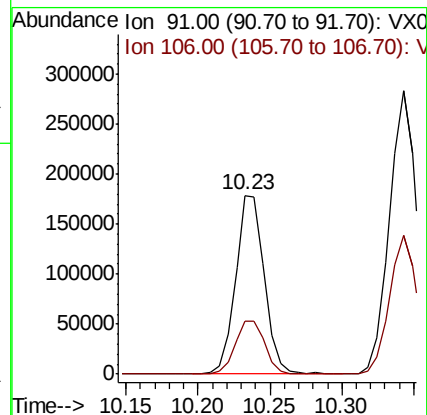
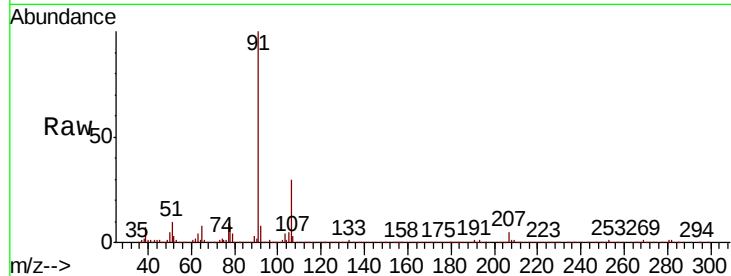
VSTDIC005

Tot Ion: 91 Resp: 247667

Ion Ratio Lower Upper

91 100

106 29.7 25.0 37.4



#68

m/p-Xylenes

Concen: 10.190 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015832.D

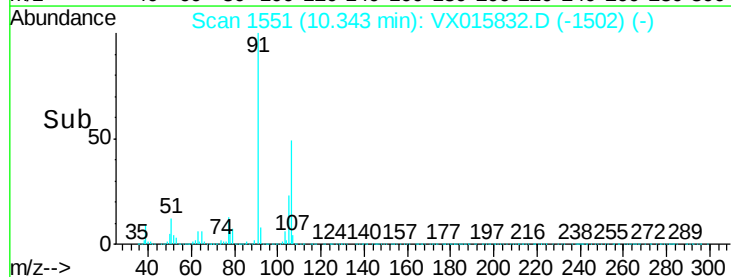
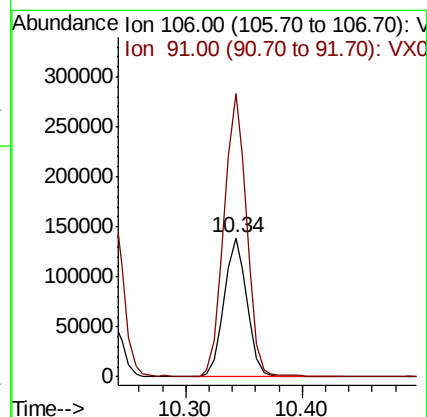
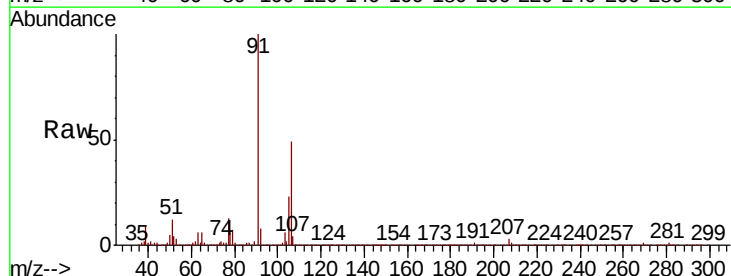
Acq: 22 Apr 2020 10:21

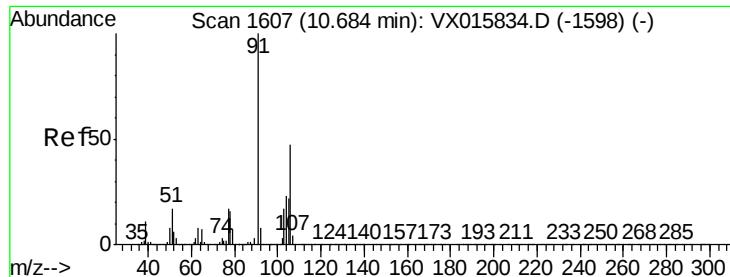
Tgt Ion: 106 Resp: 186420

Ion Ratio Lower Upper

106 100

91 202.4 161.1 241.7

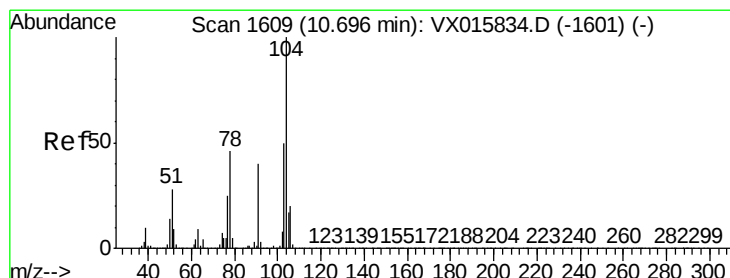
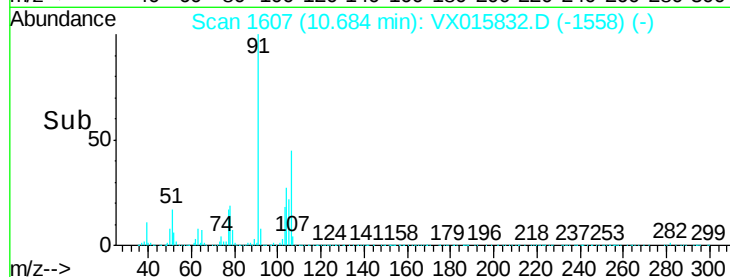
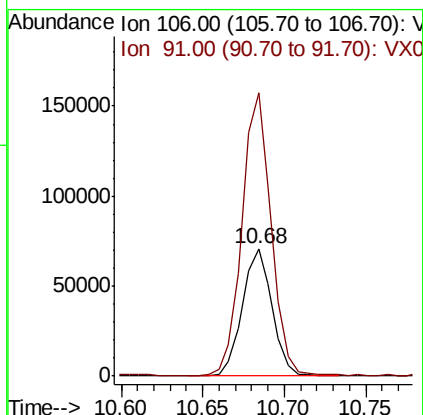
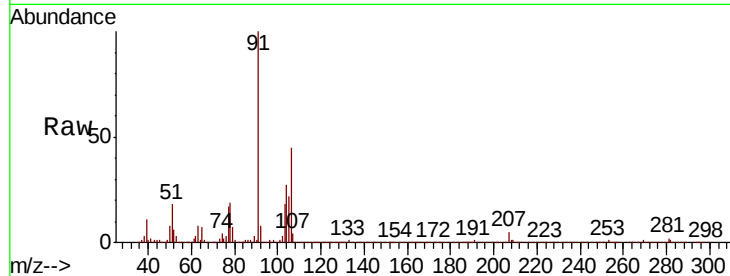




#69  
o-Xylene  
Concen: 4.992 ug/l  
RT: 10.68 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

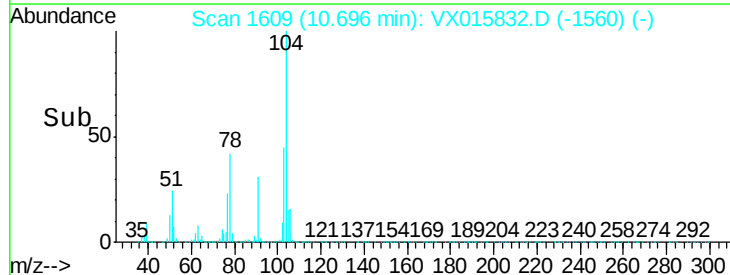
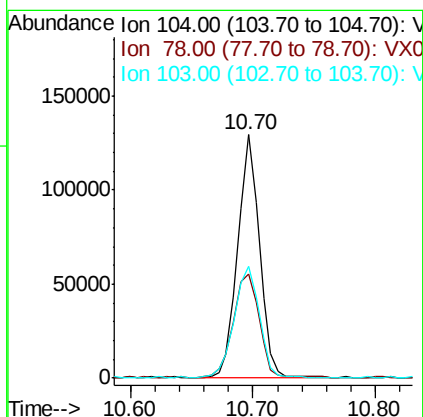
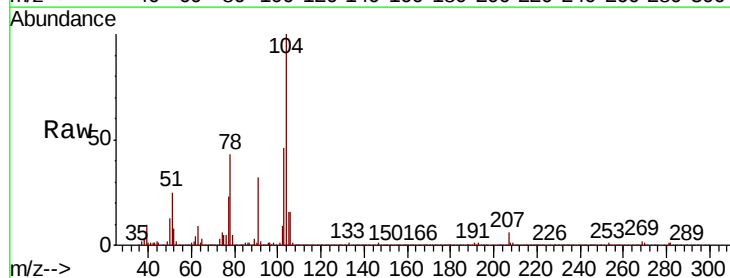
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

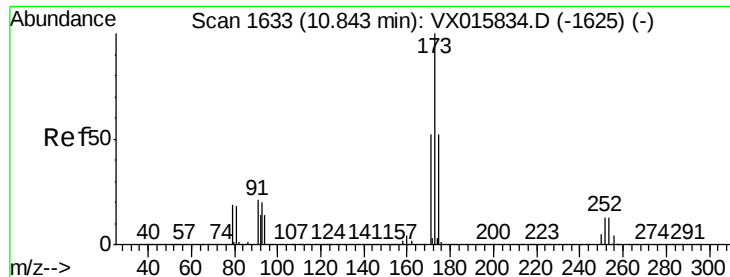
Tot Ion:106 Resp: 89649  
Ion Ratio Lower Upper  
106 100  
91 218.0 107.1 321.3



#70  
Styrene  
Concen: 5.100 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Tgt Ion:104 Resp: 157436  
Ion Ratio Lower Upper  
104 100  
78 52.2 40.1 60.1  
103 53.0 43.3 64.9





#71

Bromoform

Concen: 4.949 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

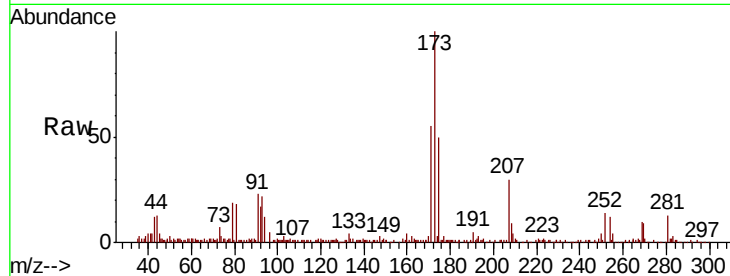
Tot Ion:173 Resp: 28917

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.4

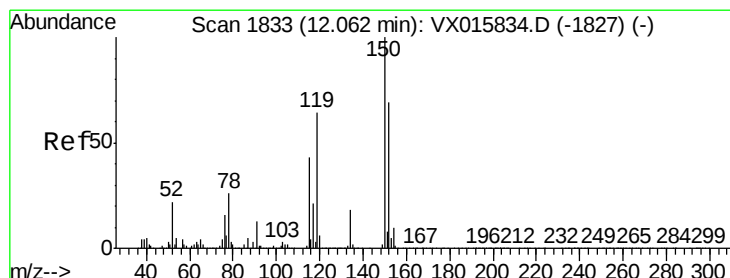
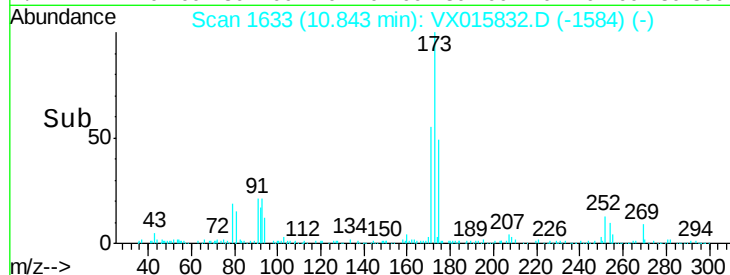
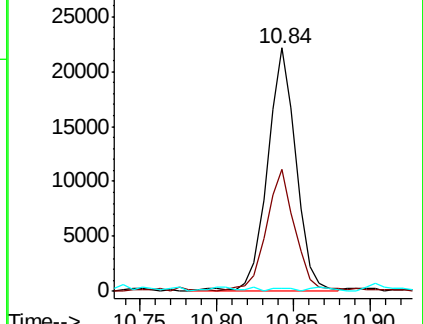
254 1.0 0.3 0.5#



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: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

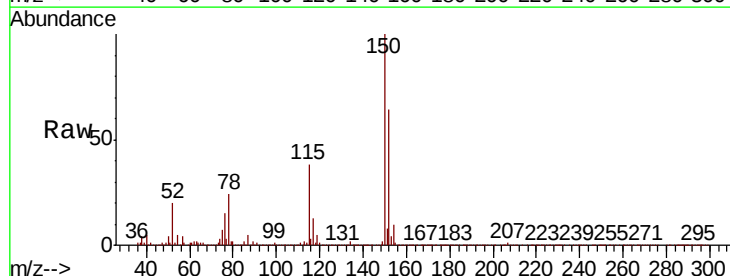
Tgt Ion:152 Resp: 754459

Ion Ratio Lower Upper

152 100

115 59.5 39.0 116.9

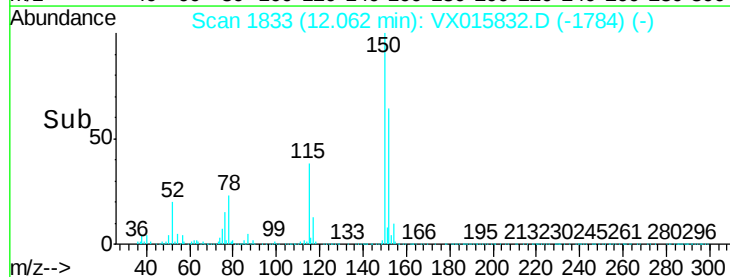
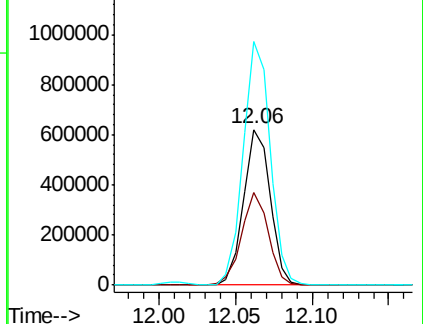
150 157.6 0.0 336.8

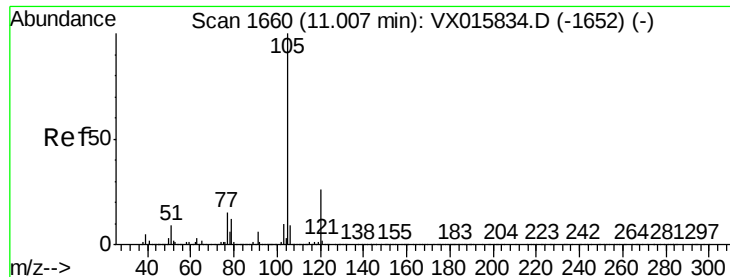


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.044 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

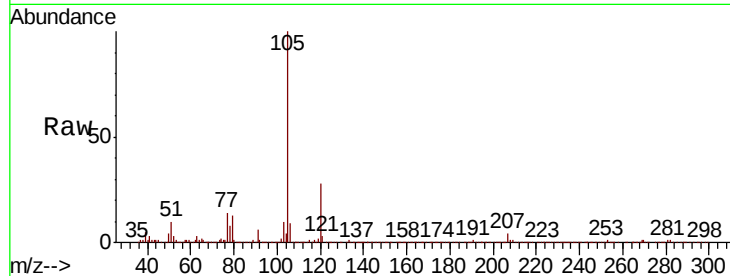
VSTDIC005

Tot Ion:105 Resp: 243244

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

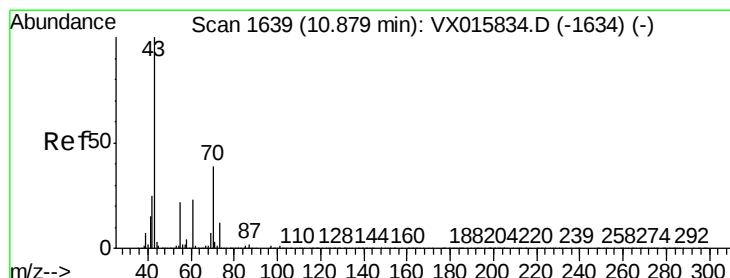
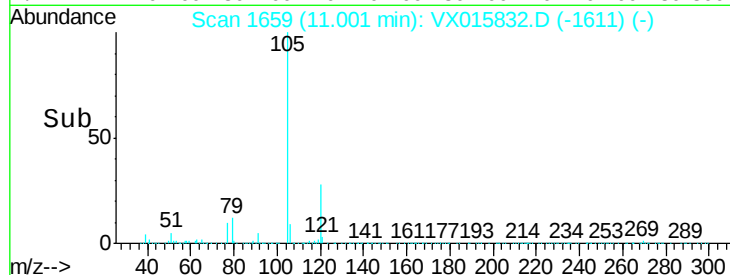
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 5.005 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Tgt Ion: 43 Resp: 123017

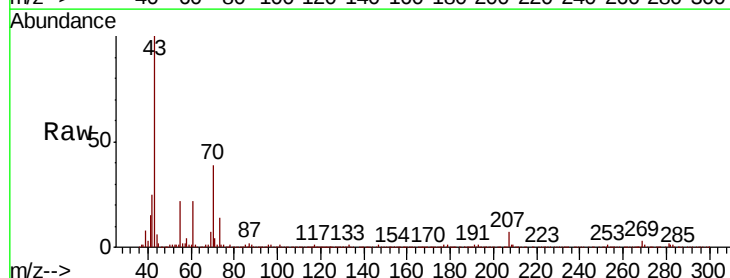
Ion Ratio Lower Upper

43 100

70 39.1 32.6 49.0

55 22.6 18.3 27.5

61 22.0 18.7 28.1



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

150000

100000

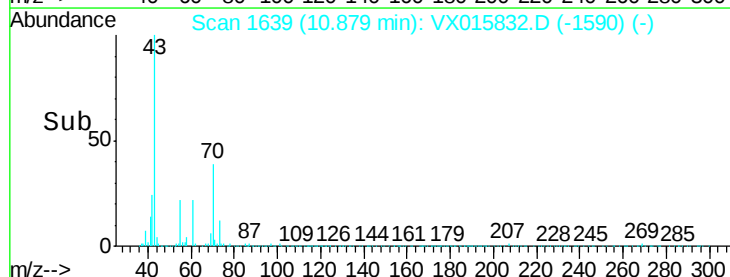
50000

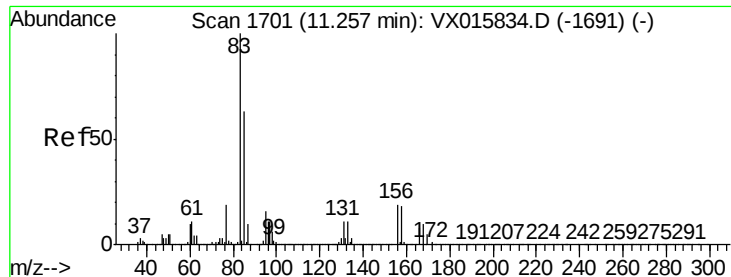
0

10.88

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.176 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

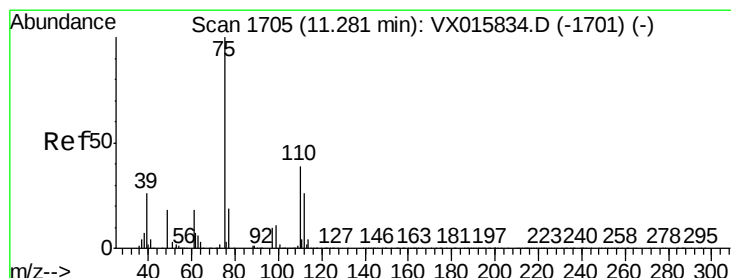
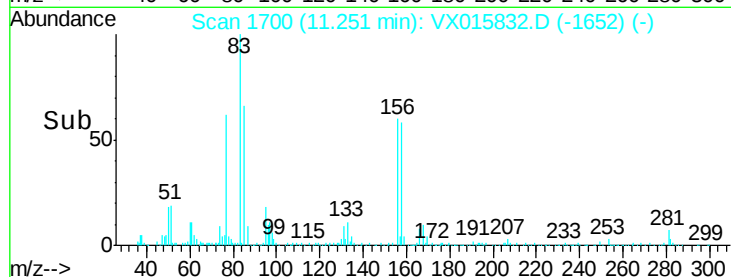
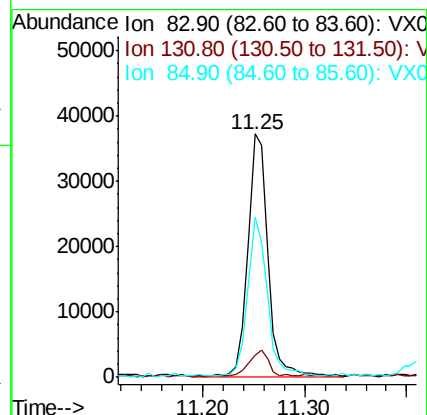
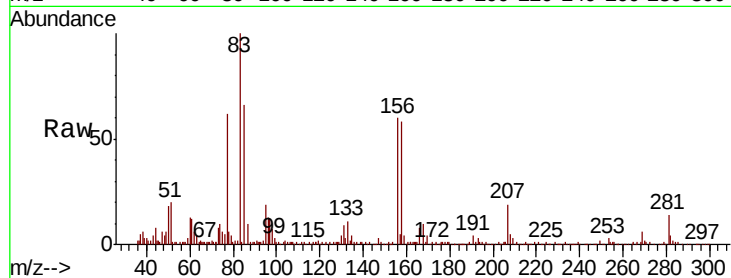
Tot Ion: 83 Resp: 51435

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 63.0 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 5.330 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015832.D

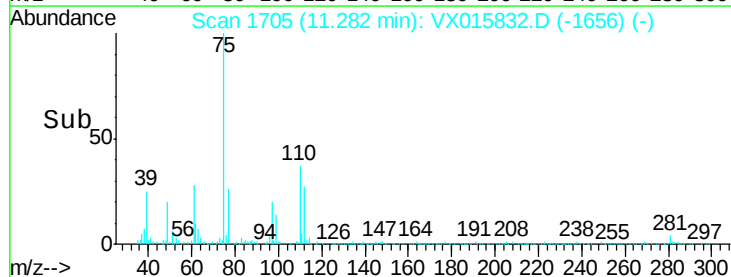
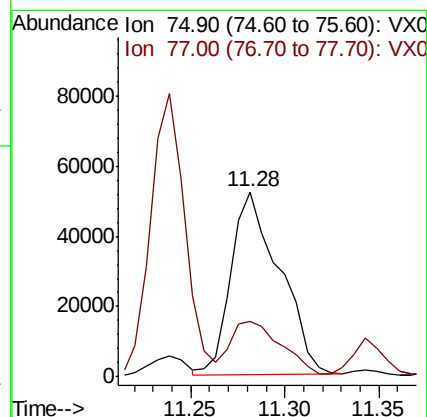
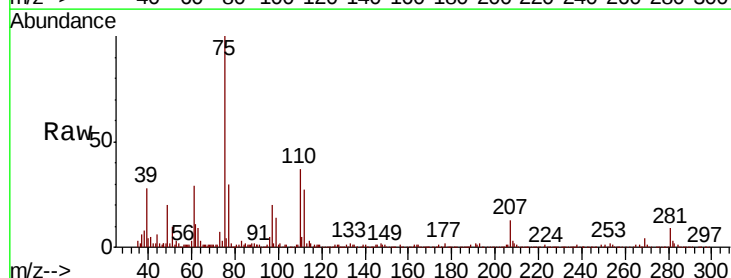
Acq: 22 Apr 2020 10:21

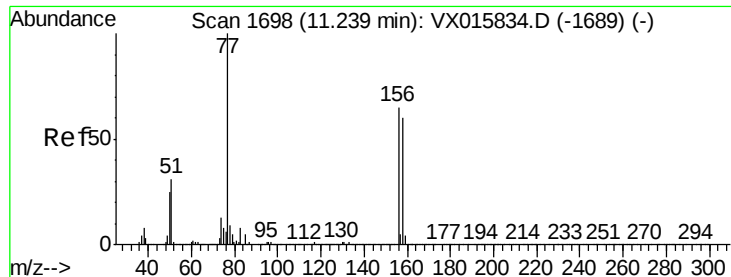
Tgt Ion: 75 Resp: 92795

Ion Ratio Lower Upper

75 100

77 31.4 21.3 63.9





#77

Bromobenzene

Concen: 5.131 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

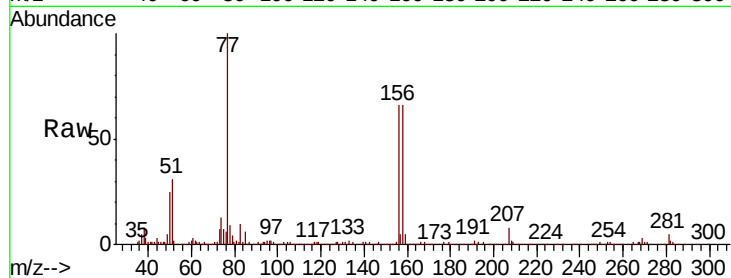
Tot Ion:156 Resp: 67064

Ion Ratio Lower Upper

156 100

77 151.8 75.2 225.6

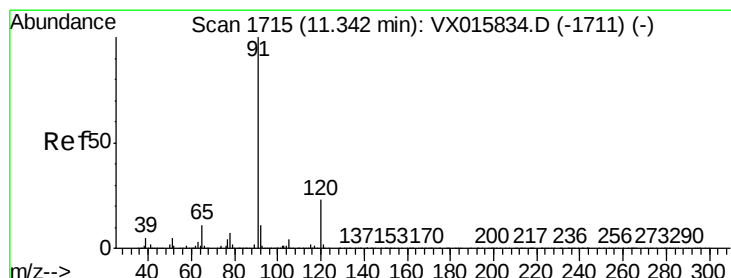
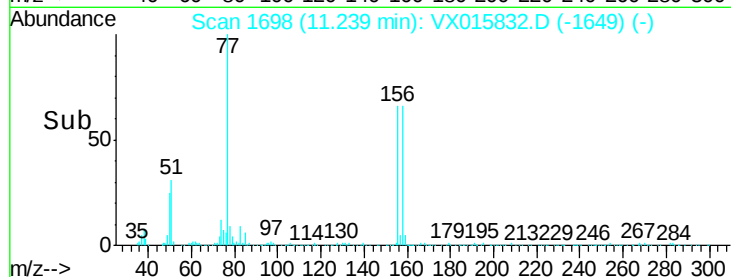
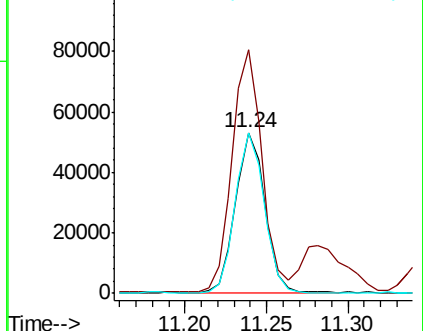
158 97.7 47.9 143.6



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: 5.020 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015832.D

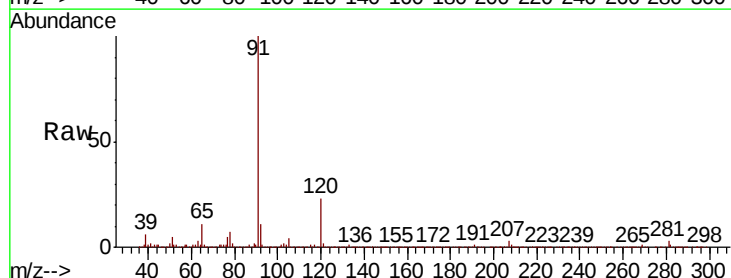
Acq: 22 Apr 2020 10:21

Tgt Ion: 91 Resp: 277679

Ion Ratio Lower Upper

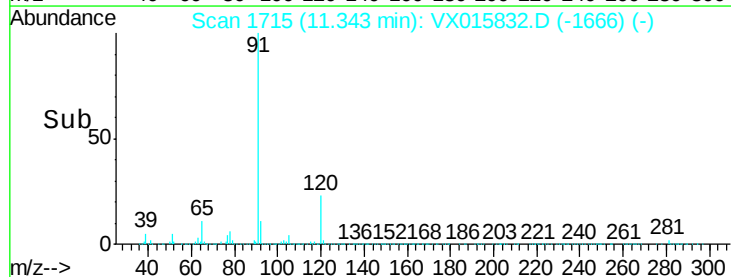
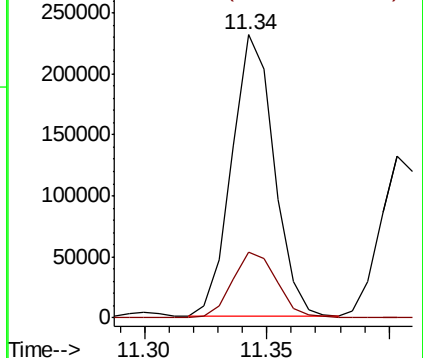
91 100

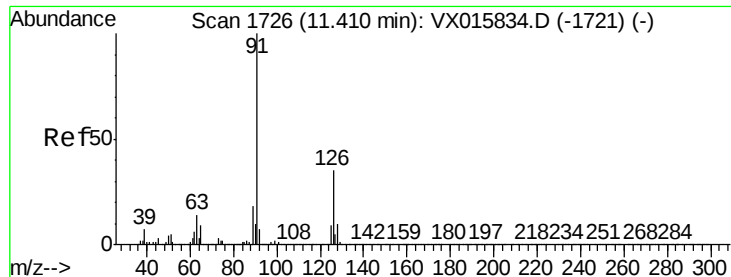
120 24.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.046 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampled :

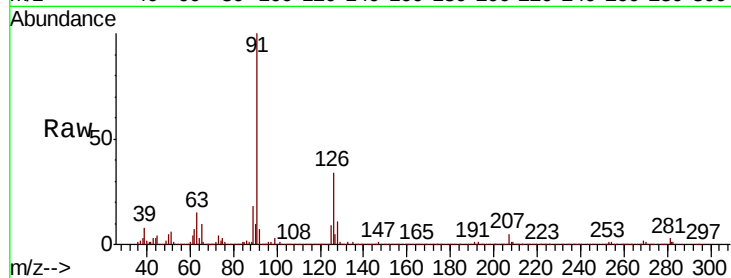
VSTDIC005

Tot Ion: 91 Resp: 166151

Ion Ratio Lower Upper

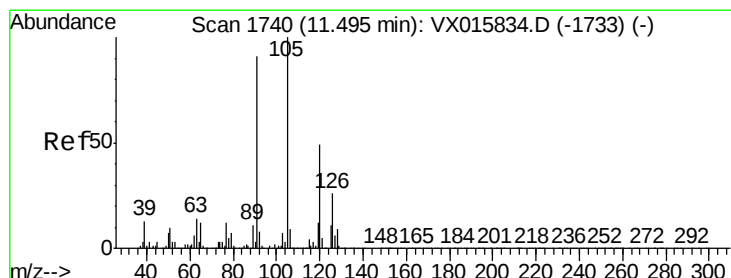
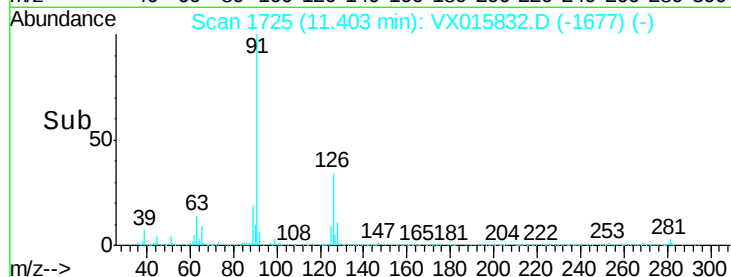
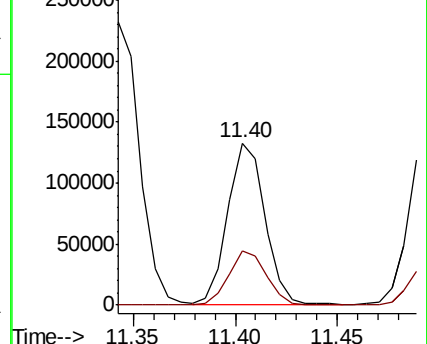
91 100

126 34.1 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.095 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015832.D

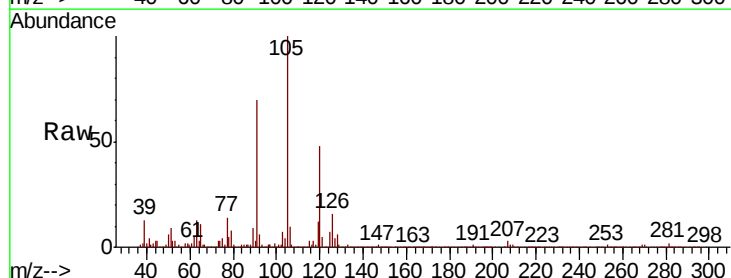
Acq: 22 Apr 2020 10:21

Tgt Ion: 105 Resp: 207659

Ion Ratio Lower Upper

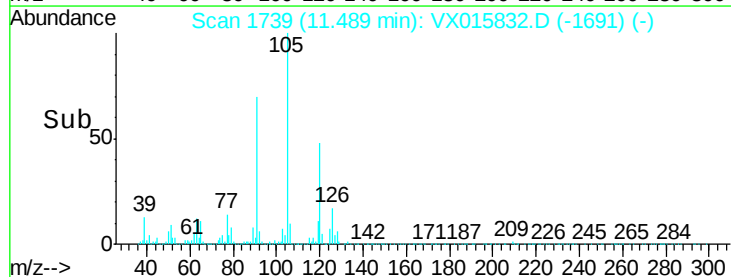
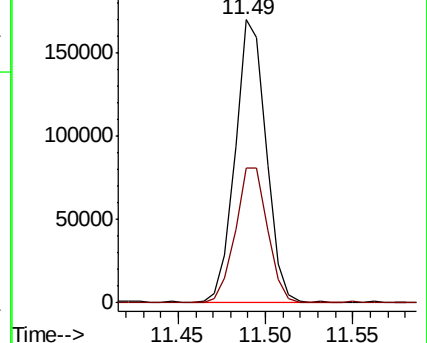
105 100

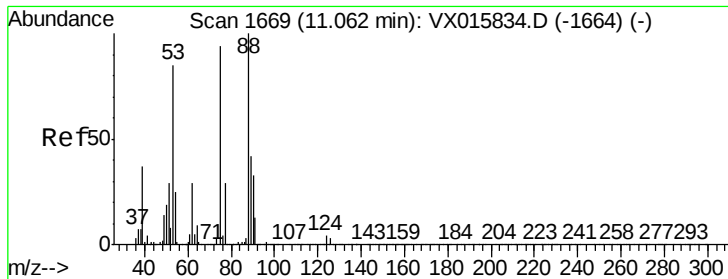
120 49.9 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.970 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

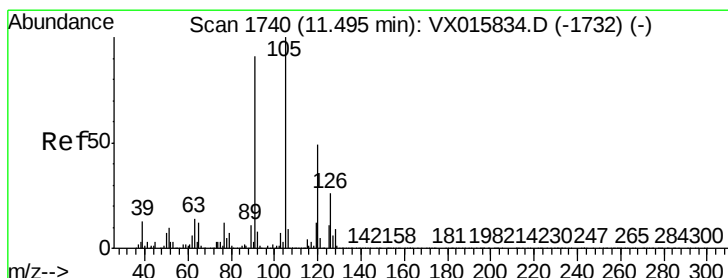
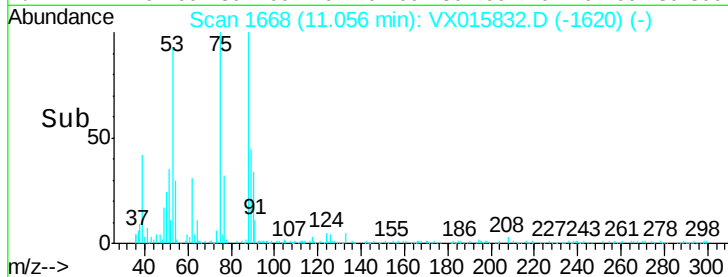
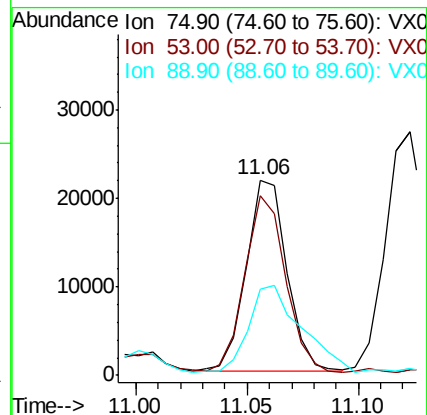
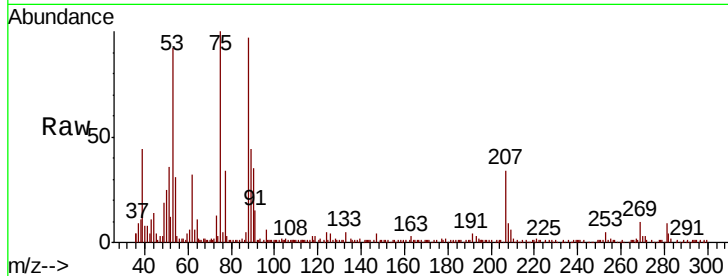
Tot Ion: 75 Resp: 27647

Ion Ratio Lower Upper

75 100

53 92.2 74.2 111.2

89 59.6 38.0 57.0#



#82

4-Chlorotoluene

Concen: 5.059 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015832.D

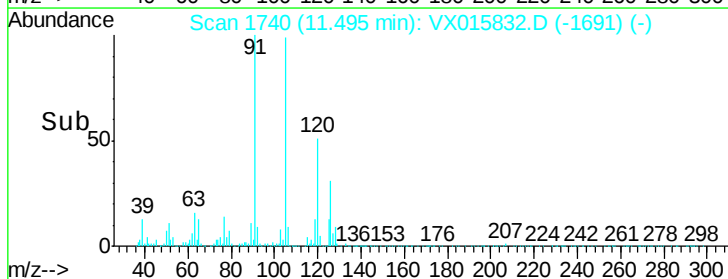
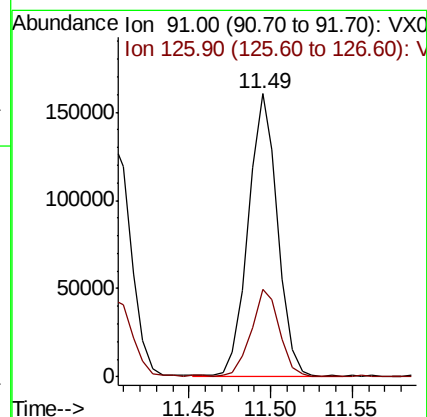
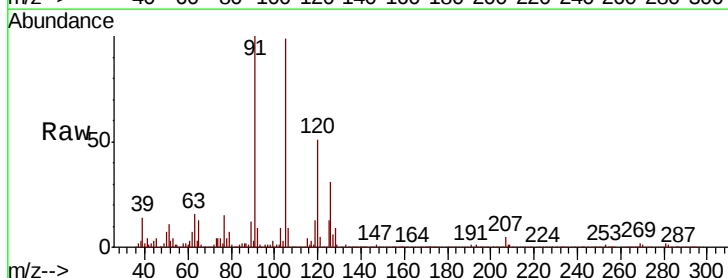
Acq: 22 Apr 2020 10:21

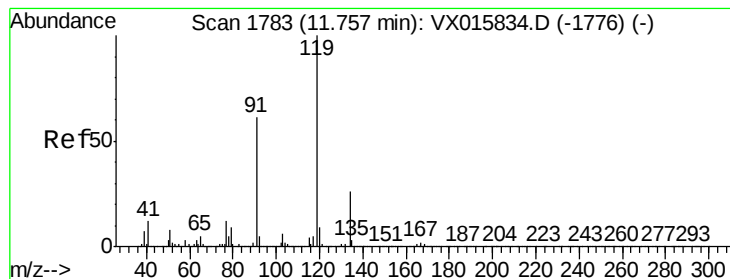
Tgt Ion: 91 Resp: 198633

Ion Ratio Lower Upper

91 100

126 30.1 15.0 45.0





#83

tert-Butylbenzene

Concen: 5.092 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

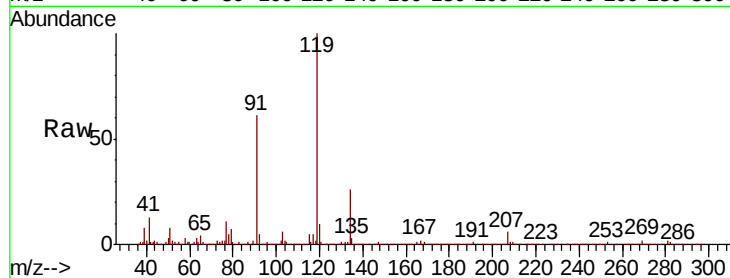
Tot Ion:119 Resp: 184572

Ion Ratio Lower Upper

119 100

91 62.9 30.9 92.7

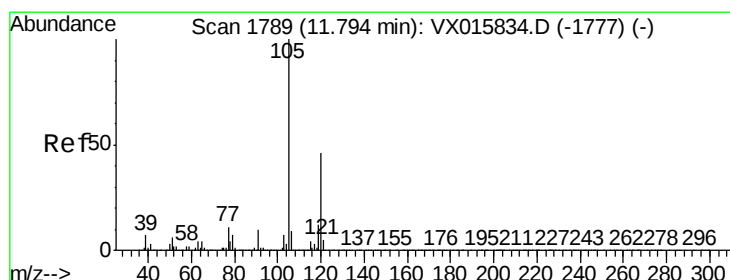
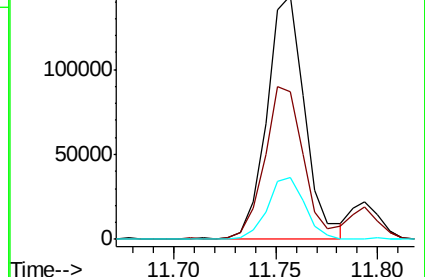
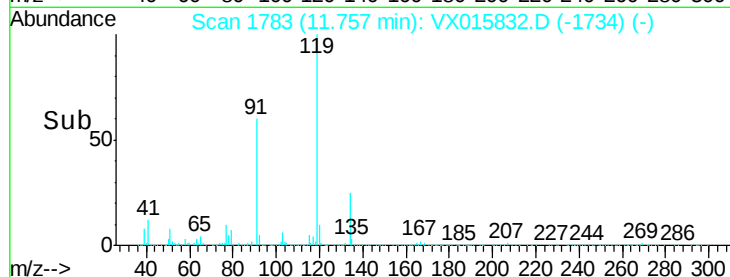
134 25.5 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.958 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015832.D

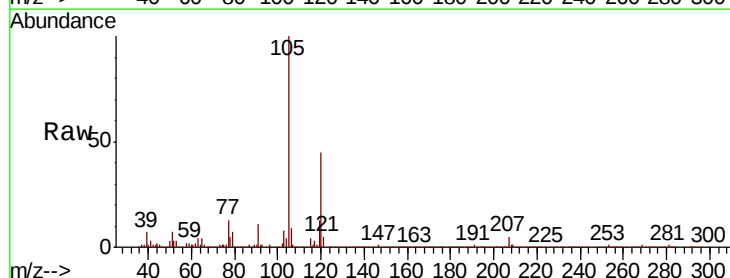
Acq: 22 Apr 2020 10:21

Tgt Ion:105 Resp: 210096

Ion Ratio Lower Upper

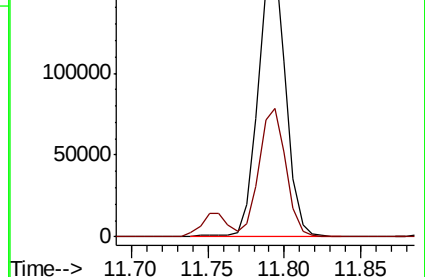
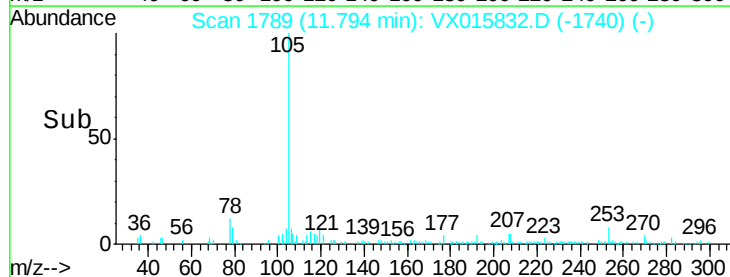
105 100

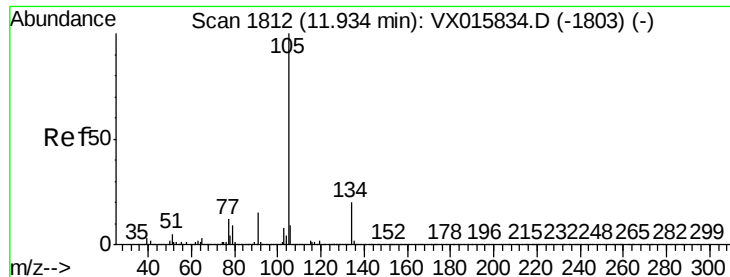
120 45.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

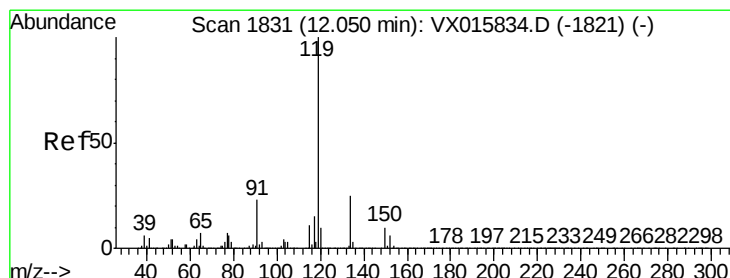
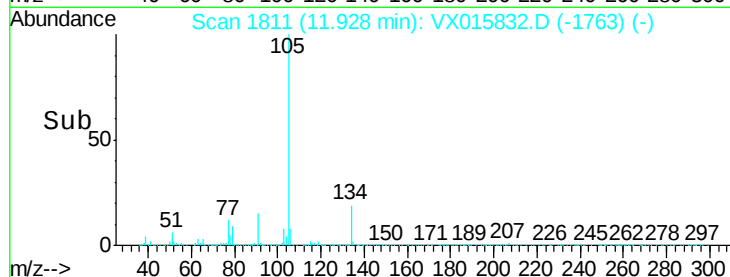
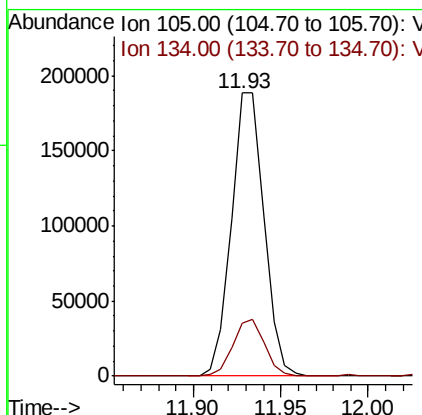
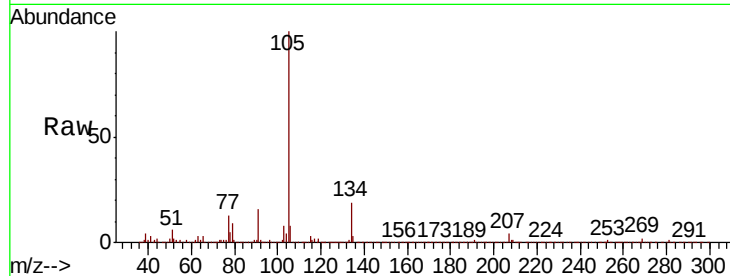




#85  
 sec-Butylbenzene  
 Concen: 5.097 ug/l  
 RT: 11.93 min Scan# 1811  
 Delta R.T. -0.01 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

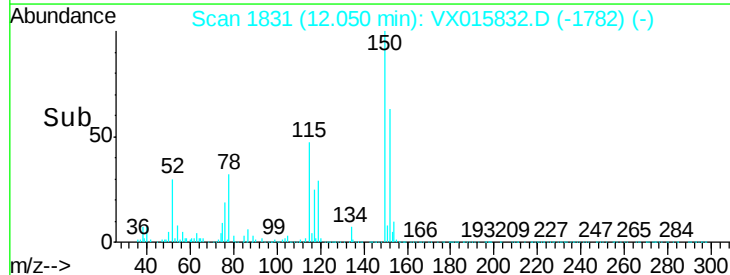
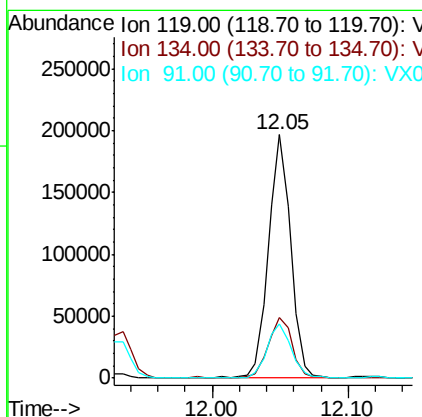
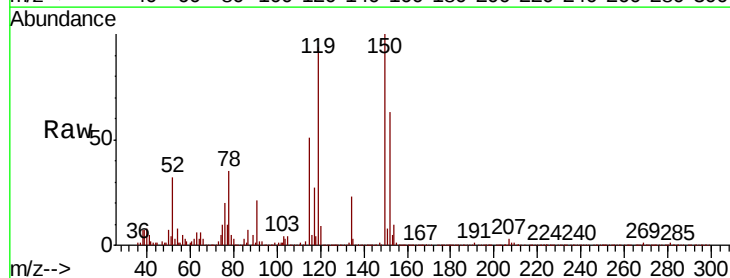
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

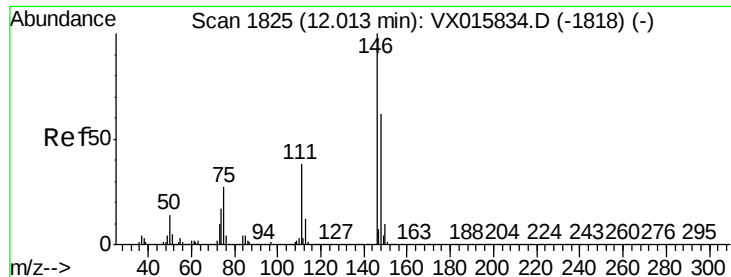
Tot Ion:105 Resp: 244052  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 5.035 ug/l  
 RT: 12.05 min Scan# 1831  
 Delta R.T. 0.00 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

Tgt Ion:119 Resp: 224391  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.0 38.9  
 91 24.3 11.5 34.5

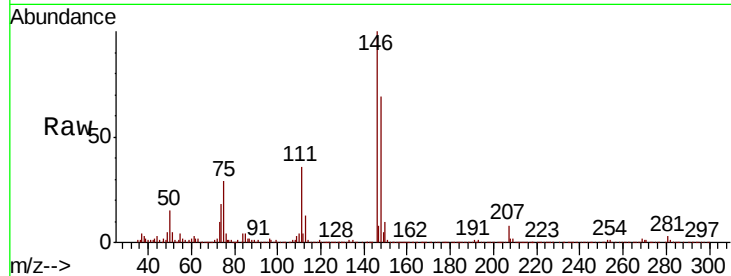




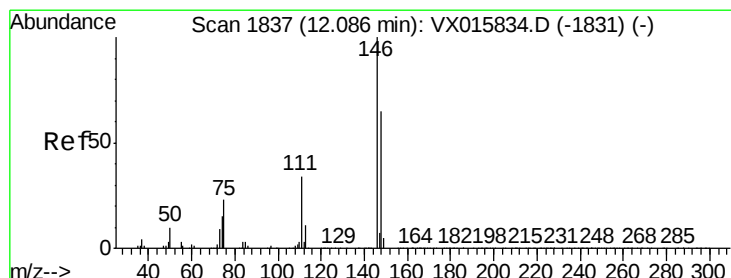
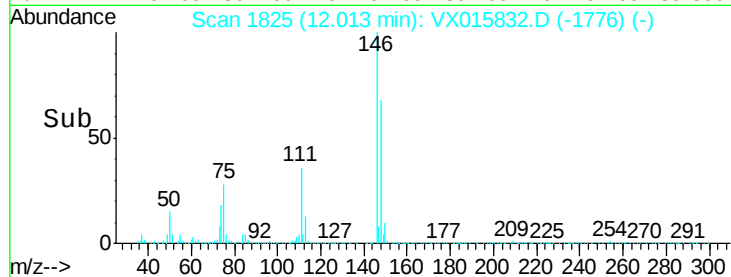
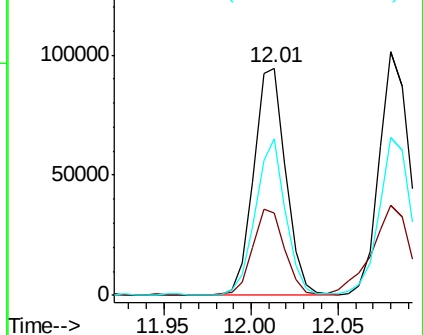
#87  
 1,3-Dichlorobenzene  
 Concen: 5.012 ug/l  
 RT: 12.01 min Scan# 1825  
 Delta R.T. 0.00 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 19.1  | 57.1  |
| 148     | 64.0  | 30.9  | 92.7  |

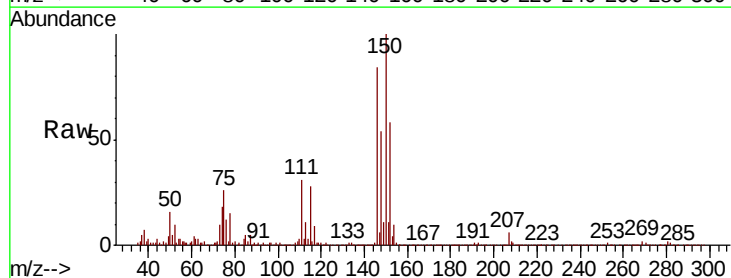


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

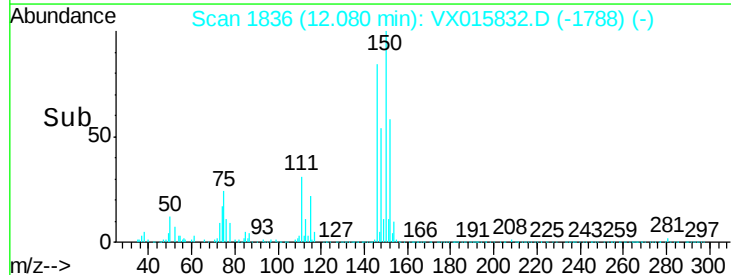
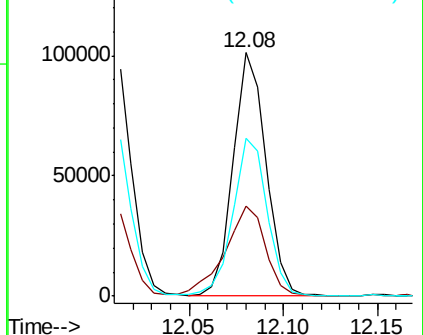


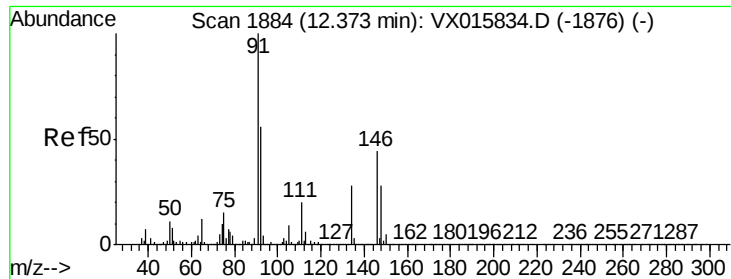
#88  
 1,4-Dichlorobenzene  
 Concen: 5.094 ug/l  
 RT: 12.08 min Scan# 1836  
 Delta R.T. -0.01 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.4  | 19.4  | 58.2  |
| 148     | 67.6  | 33.8  | 101.4 |



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

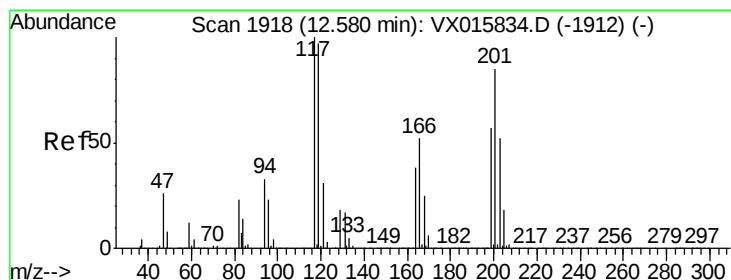
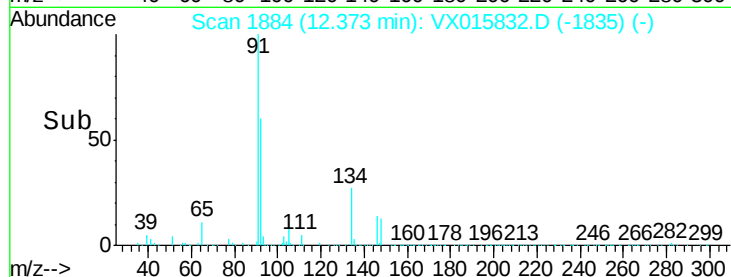
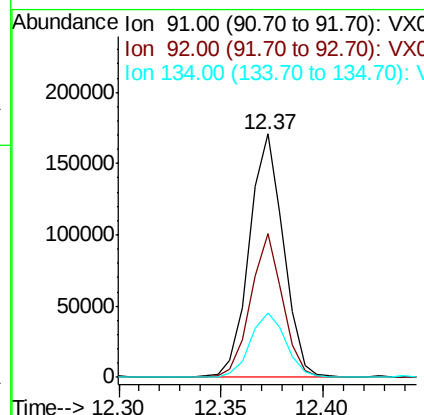
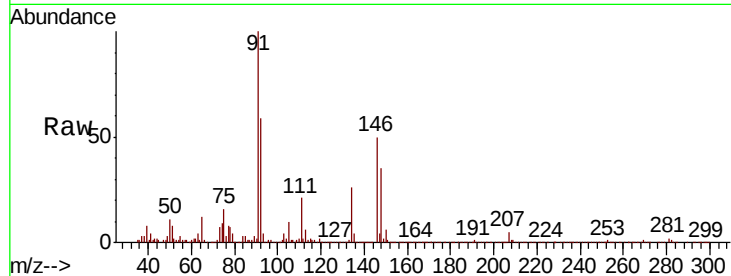




#89  
n-Butylbenzene  
Concen: 4.971 ug/l  
RT: 12.37 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

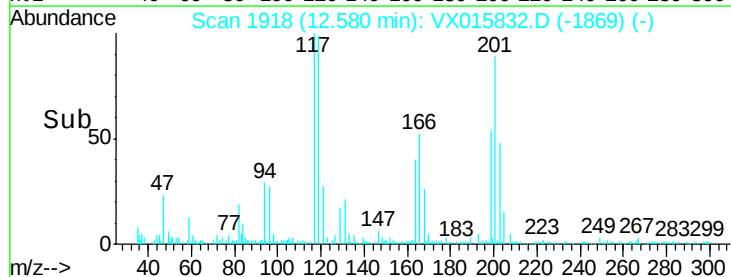
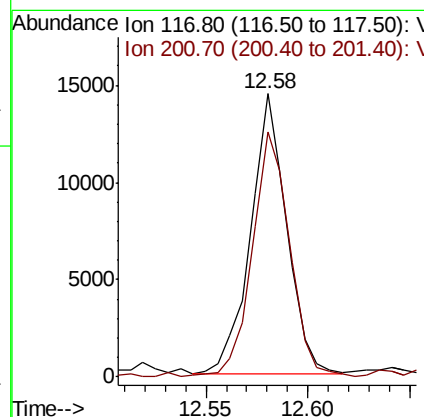
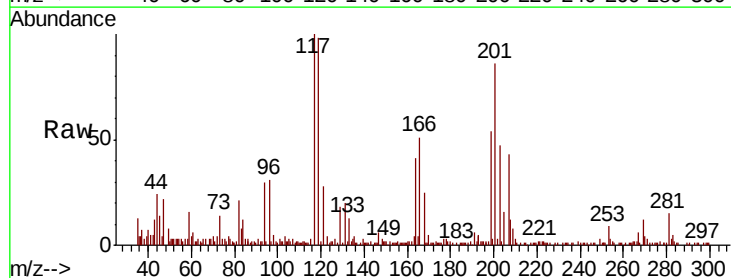
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

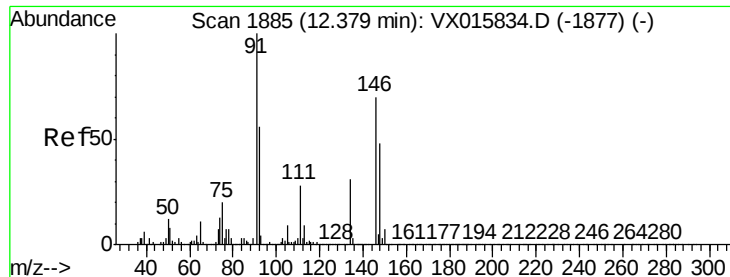
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.6  | 27.7  | 83.1  |
| 134     | 26.9  | 14.1  | 42.4  |



#90  
Hexachloroethane  
Concen: 4.492 ug/l  
RT: 12.58 min Scan# 1918  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 91.1  | 45.6  | 136.9 |





#91

1,2-Dichlorobenzene

Concen: 5.097 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

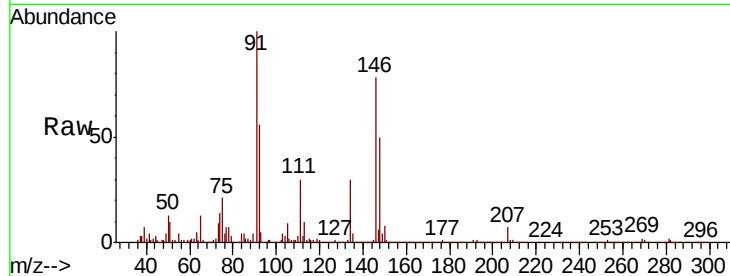
Tot Ion:146 Resp: 115632

Ion Ratio Lower Upper

146 100

111 39.8 20.3 61.0

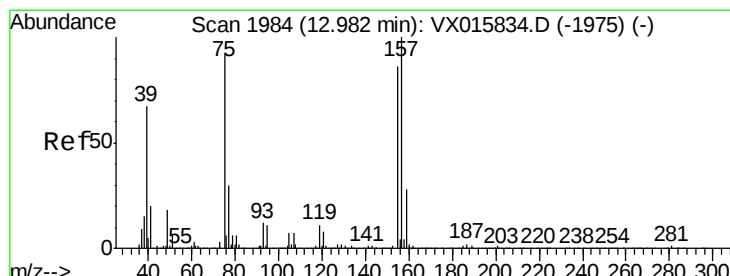
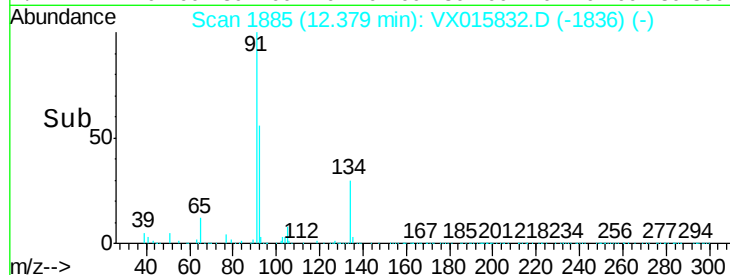
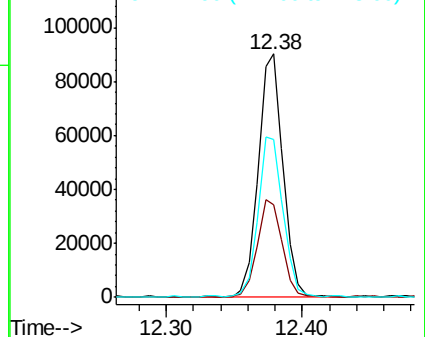
148 65.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.111 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015832.D

Acq: 22 Apr 2020 10:21

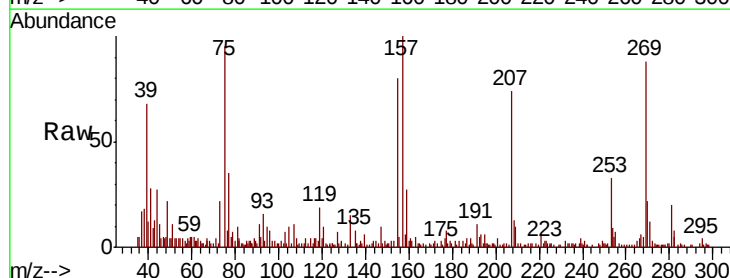
Tgt Ion: 75 Resp: 14589

Ion Ratio Lower Upper

75 100

155 92.0 48.1 144.4

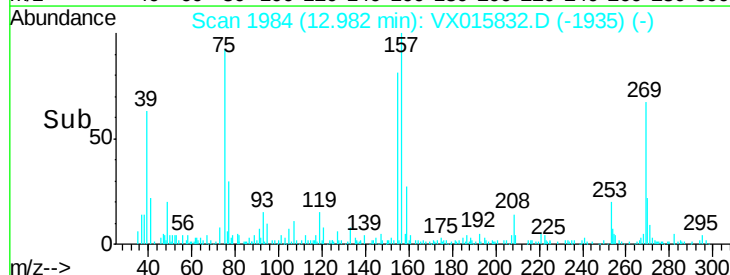
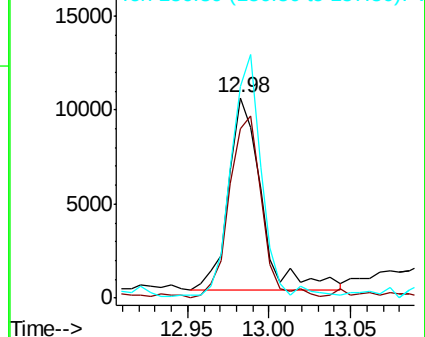
157 114.1 58.9 176.7

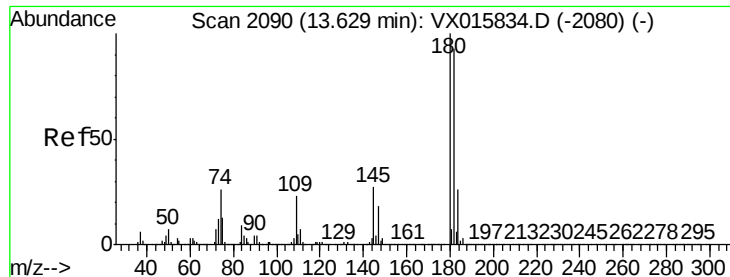


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

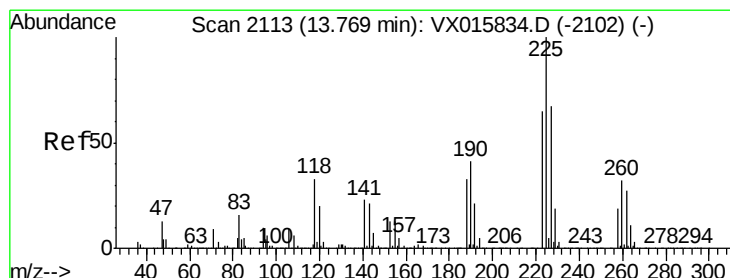
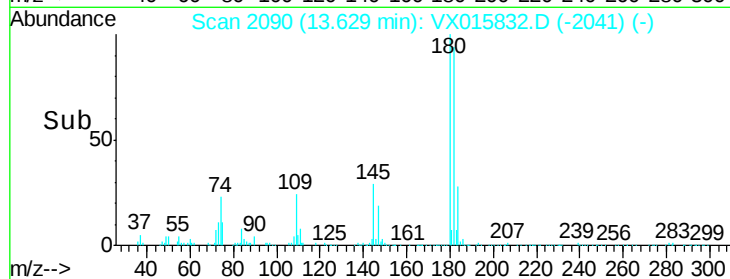
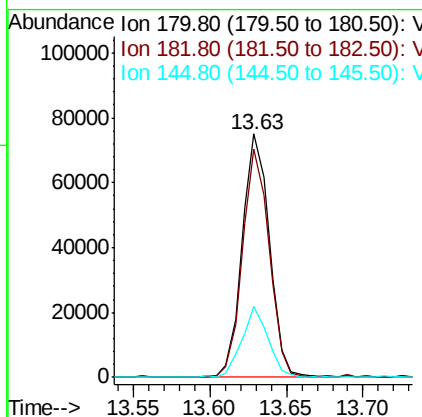
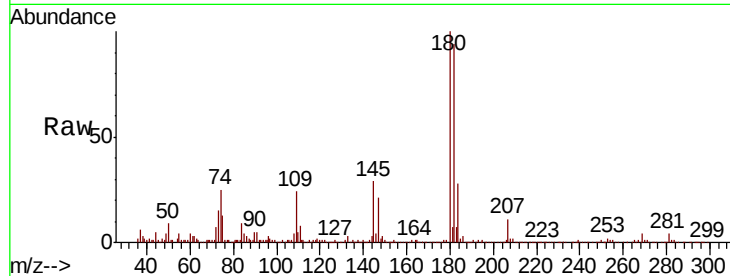




#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.147 ug/l  
 RT: 13.63 min Scan# 2090  
 Delta R.T. 0.00 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

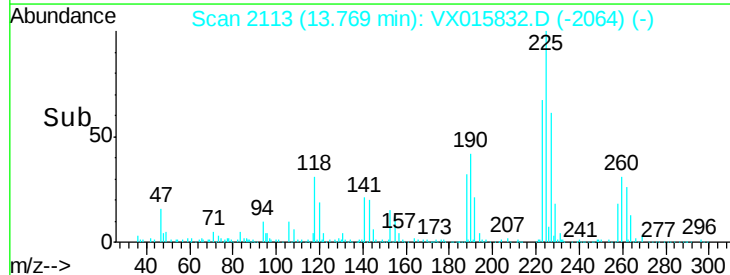
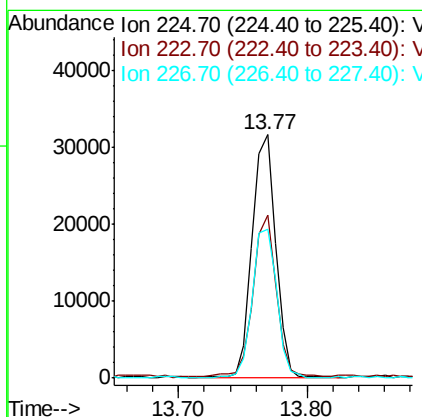
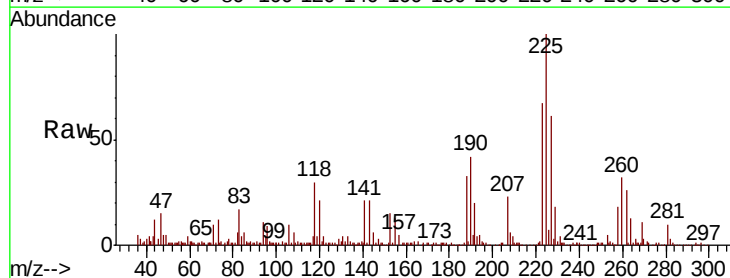
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

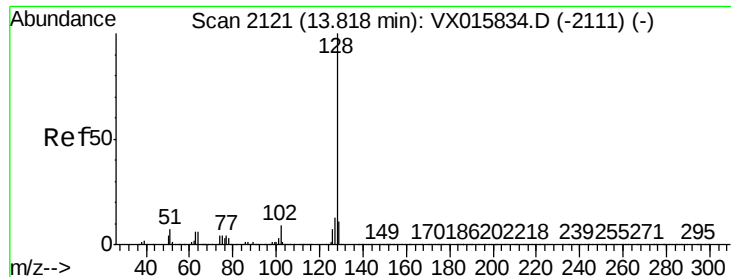
Tot Ion:180 Resp: 92196  
 Ion Ratio Lower Upper  
 180 100  
 182 92.2 47.7 143.1  
 145 28.1 14.5 43.5



#94  
 Hexachlorobutadiene  
 Concen: 5.048 ug/l  
 RT: 13.77 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VX015832.D  
 Acq: 22 Apr 2020 10:21

Tgt Ion:225 Resp: 40229  
 Ion Ratio Lower Upper  
 225 100  
 223 64.1 31.3 93.8  
 227 63.3 32.6 97.8

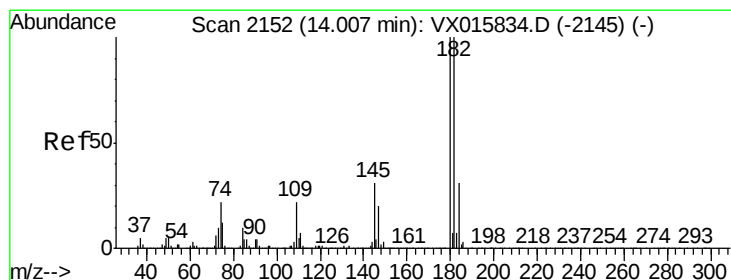
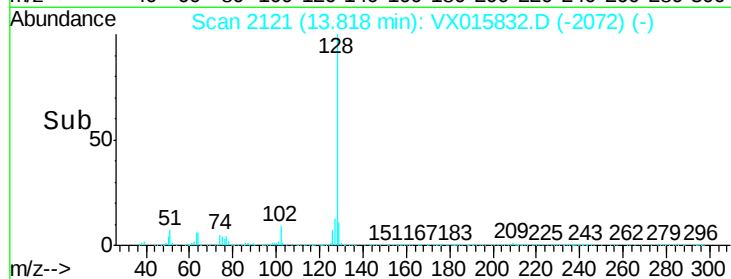
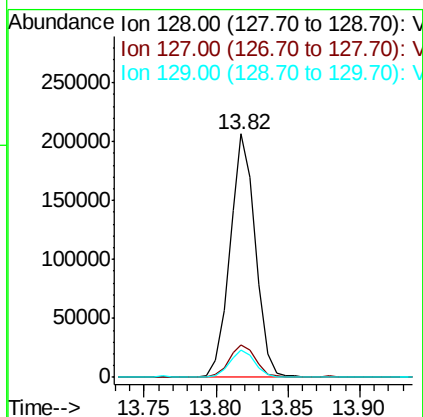
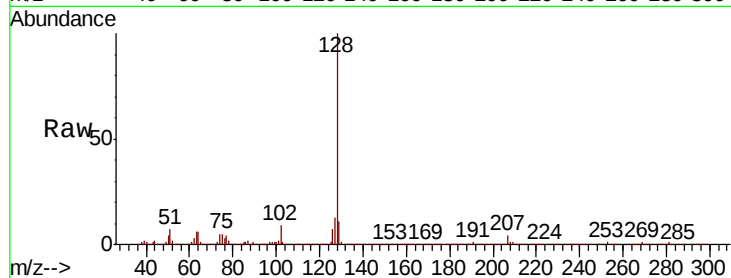




#95  
Naphthalene  
Concen: 4.950 ug/l  
RT: 13.82 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.8  | 10.5  | 15.7  |
| 129     | 11.2  | 8.5   | 12.7  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.851 ug/l  
RT: 14.01 min Scan# 2152  
Delta R.T. 0.00 min  
Lab File: VX015832.D  
Acq: 22 Apr 2020 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.5  | 47.9  | 143.7 |
| 145     | 30.6  | 15.2  | 45.5  |

