

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\  
 Data File : VX012955.D  
 Acq On : 09 Oct 2019 20:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 10 01:41:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 09 01:51:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 170432   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 293103   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 262664   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 122261   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 107548   | 50.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.98% |          |
| 35) Dibromofluoromethane    | 5.48  | 113  | 86078    | 51.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.34% |          |
| 50) Toluene-d8              | 8.71  | 98   | 324531   | 49.46 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.92%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 126881   | 49.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.54%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85   | 90554    | 52.125  | ug/l  | 99     |
| 3) Chloromethane              | 1.32 | 50   | 96453    | 51.015  | ug/l  | 97     |
| 4) Vinyl Chloride             | 1.40 | 62   | 98814    | 50.636  | ug/l  | 98     |
| 5) Bromomethane               | 1.63 | 94   | 38759    | 47.780  | ug/l  | 98     |
| 6) Chloroethane               | 1.71 | 64   | 61145    | 51.286  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 140188   | 53.224  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.18 | 74   | 53813    | 50.617  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 89055    | 52.243  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.50 | 142  | 96635    | 50.035  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.04 | 59   | 141115   | 249.897 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 88455    | 51.359  | ug/l  | 92     |
| 13) Acrolein                  | 2.28 | 56   | 84915    | 211.599 | ug/l  | 99     |
| 14) Allyl chloride            | 2.72 | 41   | 158445   | 51.658  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.13 | 53   | 280081   | 261.725 | ug/l  | 99     |
| 16) Acetone                   | 2.43 | 43   | 240774   | 214.437 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.56 | 76   | 239000   | 48.667  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.76 | 43   | 136480   | 51.282  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.19 | 73   | 318865   | 53.611  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.84 | 84   | 104071   | 50.434  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 96368    | 52.204  | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.84 | 45   | 315011   | 53.598  | ug/l  | 95     |
| 23) Vinyl Acetate             | 3.80 | 43   | 1370181  | 270.056 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 173852   | 52.580  | ug/l  | 99     |
| 25) 2-Butanone                | 4.66 | 43   | 390146   | 250.454 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.57 | 77   | 133374   | 47.969  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 111941   | 52.608  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.00 | 49   | 53151    | 53.824  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 5.11 | 42   | 250844   | 261.680 | ug/l  | 99     |
| 30) Chloroform                | 5.20 | 83   | 177483   | 52.314  | ug/l  | 100    |
| 31) Cyclohexane               | 5.57 | 56   | 159500   | 51.589  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97   | 154650   | 53.798  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 134288   | 52.111  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.82 | 43   | 147165   | 51.071  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 131268   | 52.334  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Oct 10 01:41:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 09 01:51:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 162572   | 52.020  | ug/l   | 96       |
| 40) Benzene                    | 6.14  | 78   | 403307   | 52.989  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.03  | 41   | 81397    | 51.407  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 144400   | 52.873  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 242805   | 52.499  | ug/l   | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 102691   | 48.655  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 102484   | 52.831  | ug/l   | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 68539    | 53.031  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.89  | 83   | 135499   | 53.723  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 118137   | 52.417  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 58542    | 969.046 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 757480   | 262.688 | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 253521   | 52.065  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 149219   | 47.520  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 166249   | 53.593  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 101388   | 52.615  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 9.17  | 69   | 166432   | 48.297  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 172794   | 51.838  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 364762   | 257.672 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 582221   | 259.378 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 103980   | 48.545  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 105607   | 52.098  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 91889    | 50.438  | ug/l   | 91       |
| 65) Chlorobenzene              | 10.14 | 112  | 267286   | 51.243  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 96811    | 53.530  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 486294   | 52.486  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 367207   | 106.088 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 177410   | 52.559  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 307939   | 53.664  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 71485    | 46.624  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 475841   | 52.937  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 210989   | 54.501  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 156267   | 52.268  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 182560   | 67.322  | ug/l   | 77       |
| 77) Bromobenzene               | 11.25 | 156  | 110135   | 51.995  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 533353   | 53.923  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 324986   | 52.280  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 405761   | 54.060  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 49167    | 46.900  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 379995   | 53.333  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 381523   | 52.108  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 408799   | 53.778  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 454697   | 53.604  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 425624   | 54.102  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 199757   | 50.783  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 202033   | 50.714  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 352048   | 53.244  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 71428    | 49.063  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 202031   | 52.390  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 38765    | 55.320  | ug/l   | 95       |

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Acq On : 09 Oct 2019 20:01  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

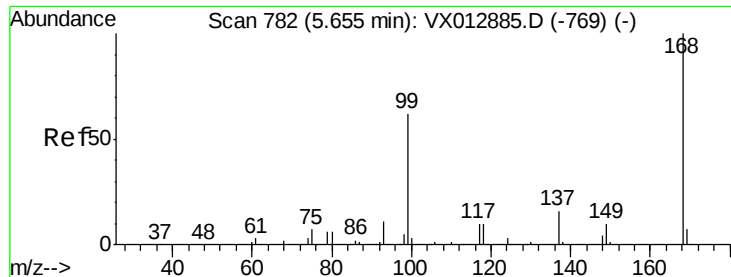
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 10 01:41:12 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 09 01:51:23 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 127253   | 52.679 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 55505    | 49.788 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 465770   | 55.622 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 130276   | 52.187 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

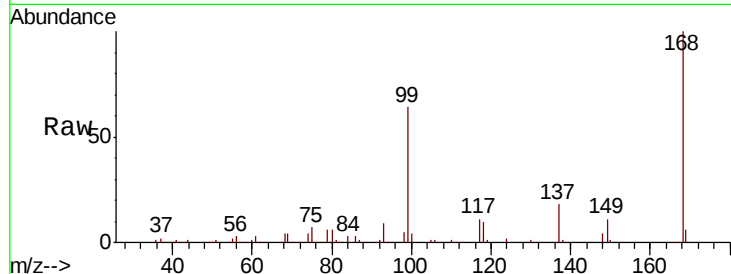
VSTDCCC050EC

Tot Ion:168 Resp: 170432

Ion Ratio Lower Upper

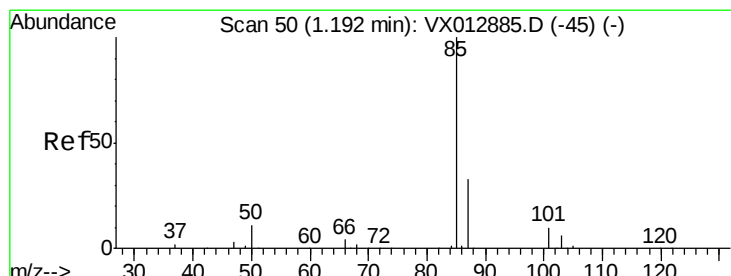
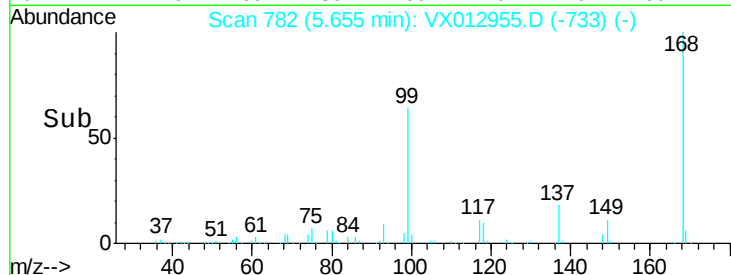
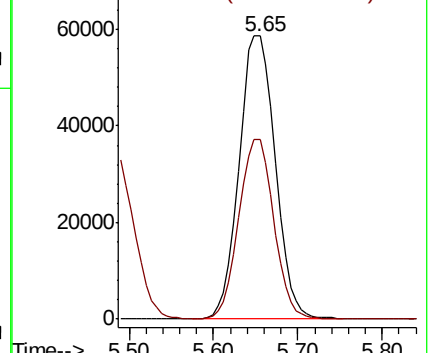
168 100

99 63.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.125 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012955.D

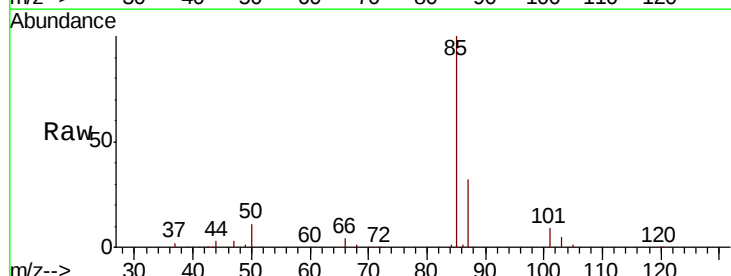
Acq: 09 Oct 2019 20:01

Tgt Ion: 85 Resp: 90554

Ion Ratio Lower Upper

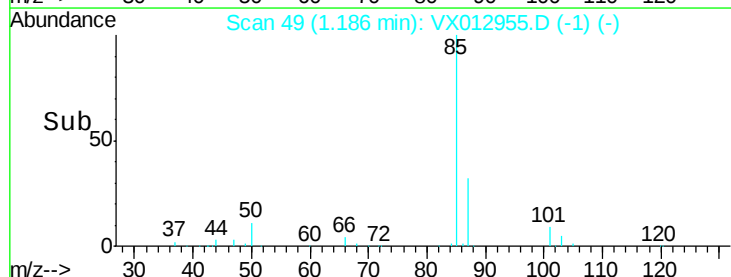
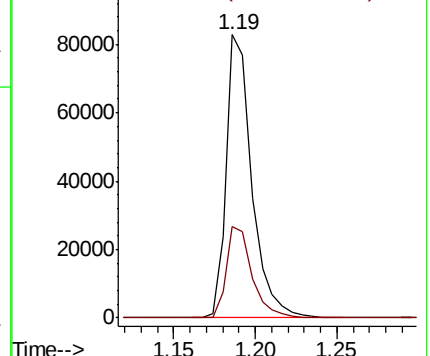
85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.015 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

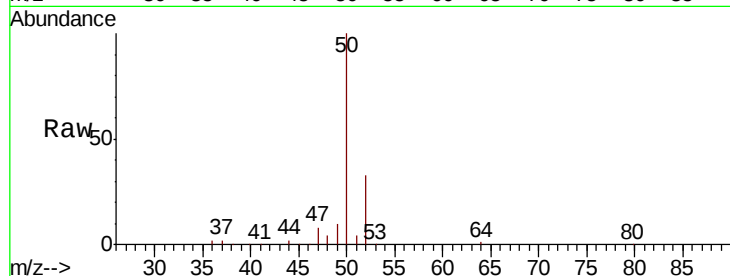
VSTDCCC050EC

Tot Ion: 50 Resp: 96453

Ion Ratio Lower Upper

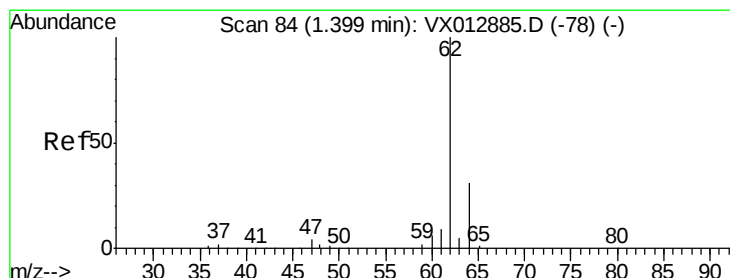
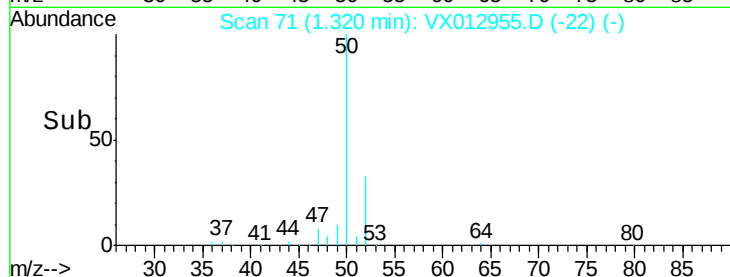
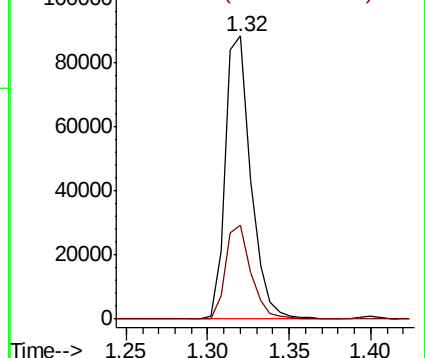
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.636 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012955.D

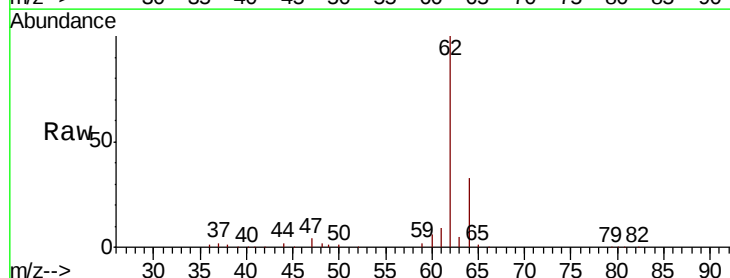
Acq: 09 Oct 2019 20:01

Tgt Ion: 62 Resp: 98814

Ion Ratio Lower Upper

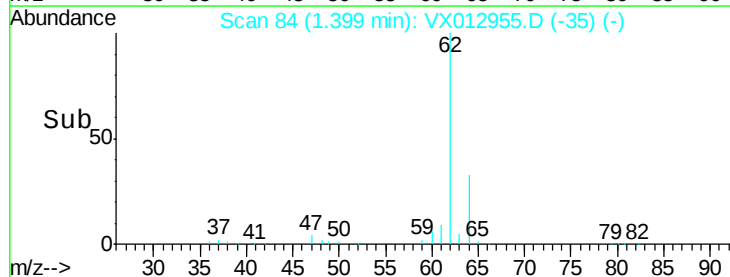
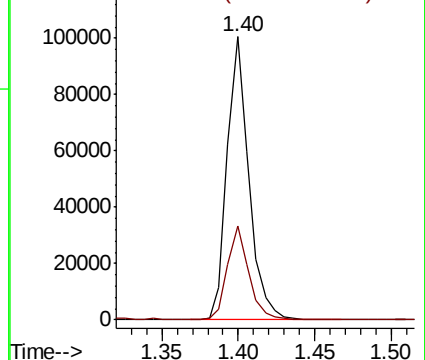
62 100

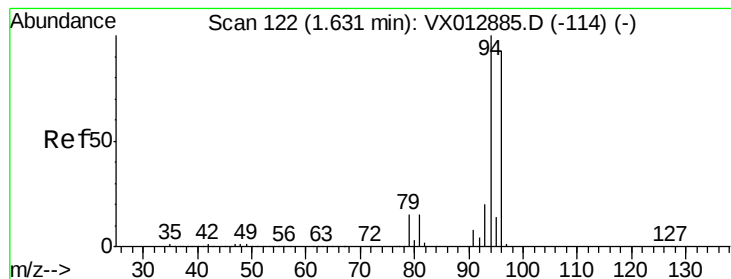
64 32.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.780 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

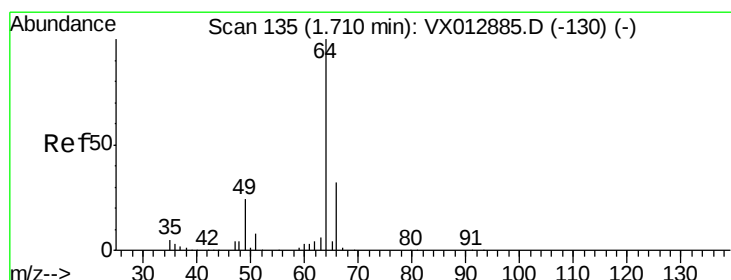
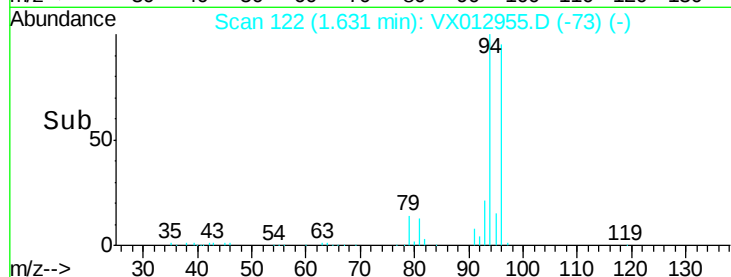
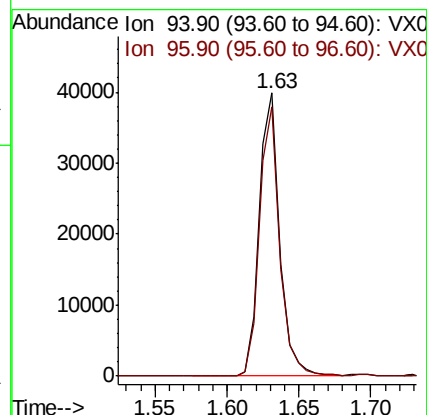
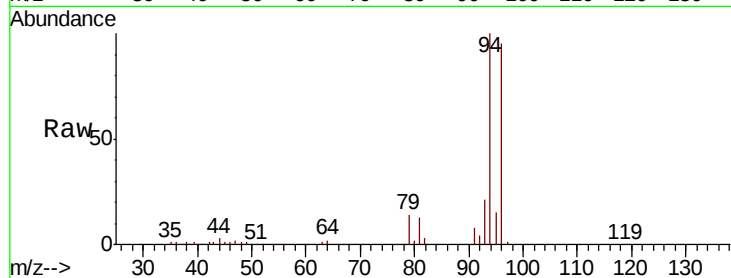
VSTDCCC050EC

Tot Ion: 94 Resp: 38759

Ion Ratio Lower Upper

94 100

96 95.2 74.7 112.1



#6

Chloroethane

Concen: 51.286 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012955.D

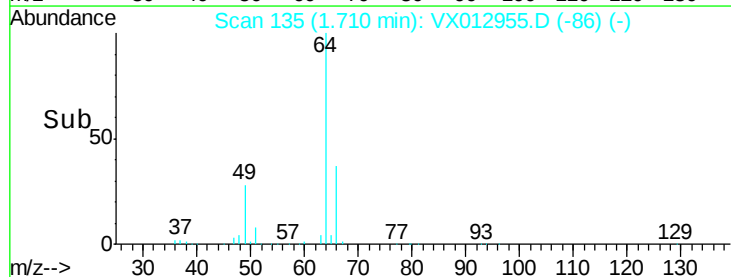
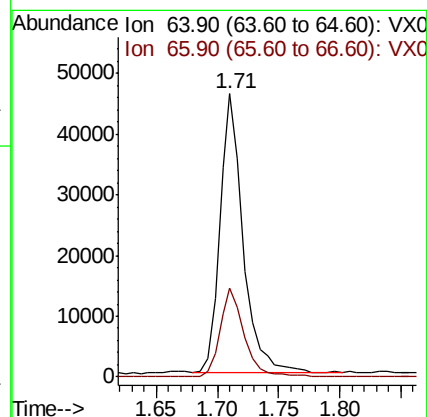
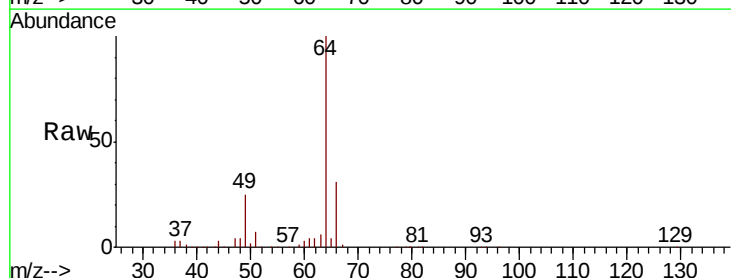
Acq: 09 Oct 2019 20:01

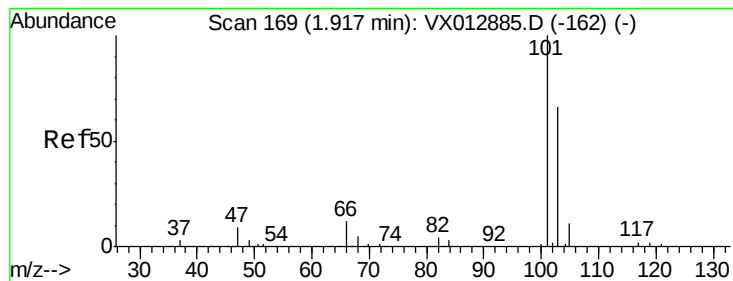
Tgt Ion: 64 Resp: 61145

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4



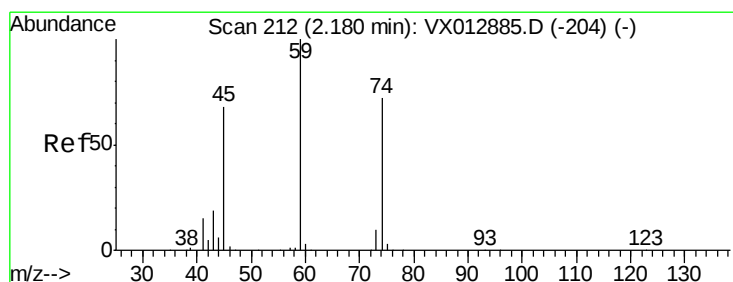
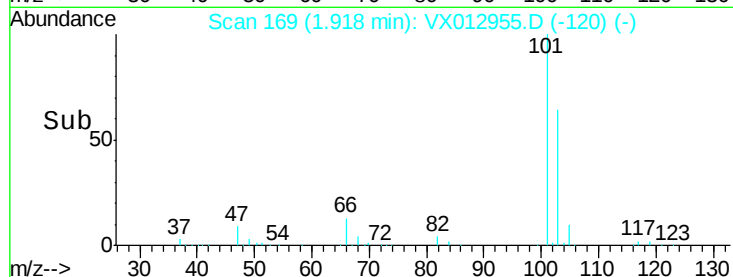
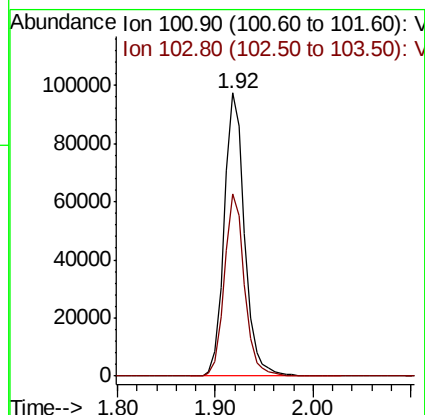
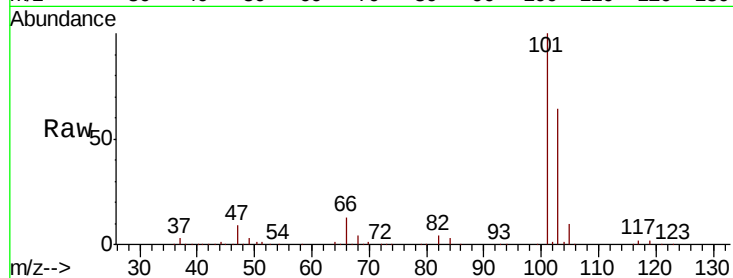


#7

Trichlorofluoromethane  
 Concen: 53.224 ug/l  
 RT: 1.92 min Scan# 169  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

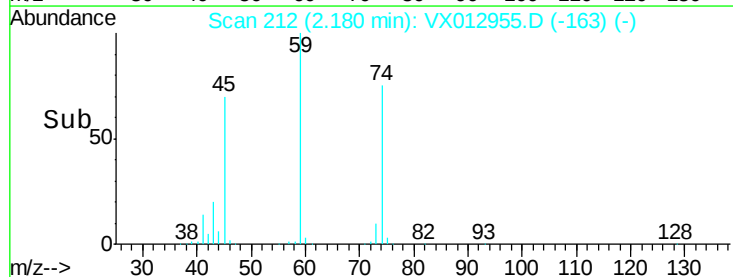
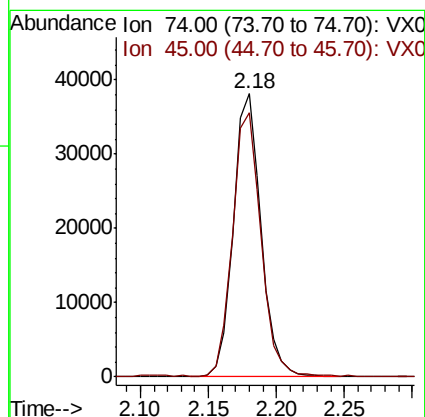
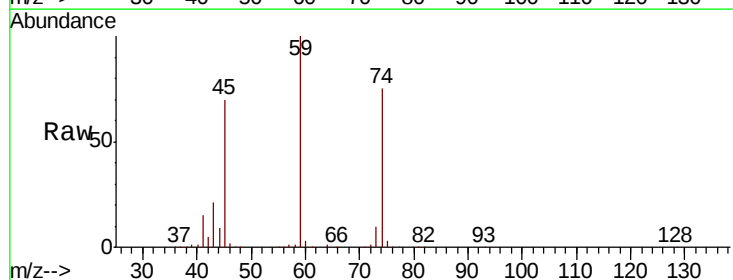
Tot Ion:101 Resp: 140188  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 52.5 78.7

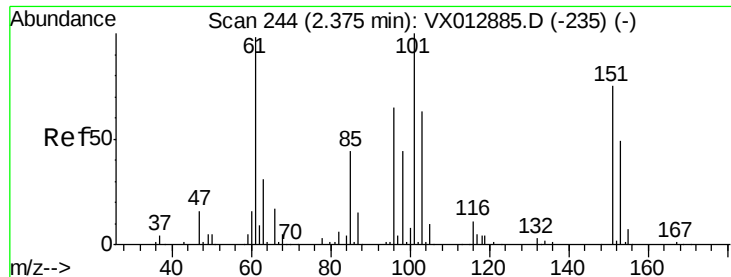


#8

Diethyl Ether  
 Concen: 50.617 ug/l  
 RT: 2.18 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion: 74 Resp: 53813  
 Ion Ratio Lower Upper  
 74 100  
 45 97.2 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.243 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

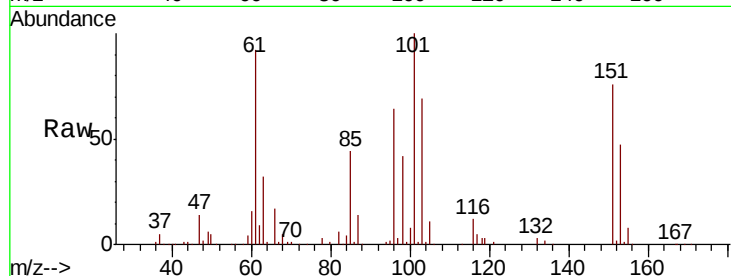
Tot Ion:101 Resp: 89055

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

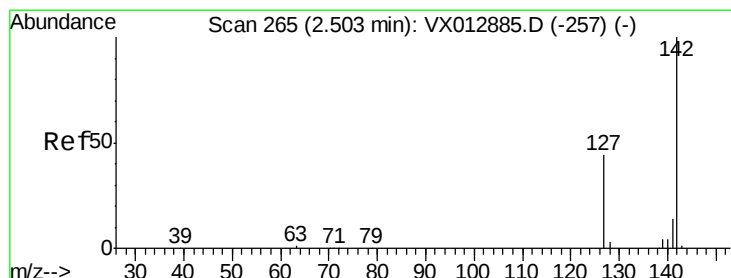
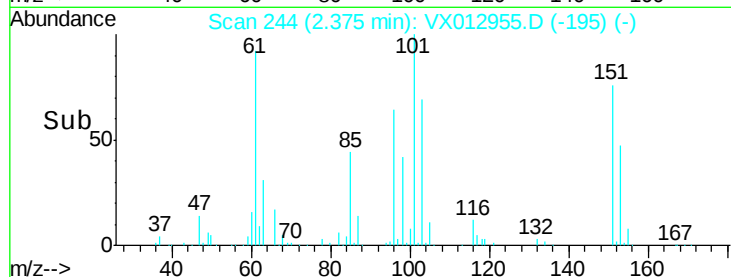
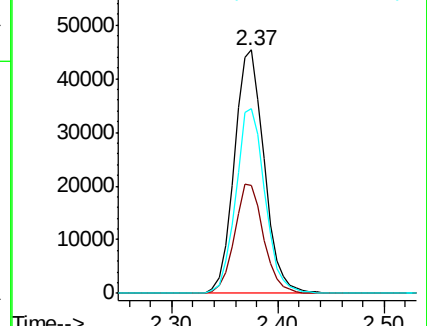
151 74.6 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.035 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

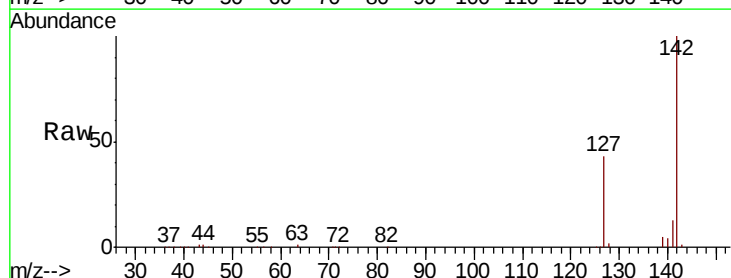
Tgt Ion:142 Resp: 96635

Ion Ratio Lower Upper

142 100

127 43.2 34.9 52.3

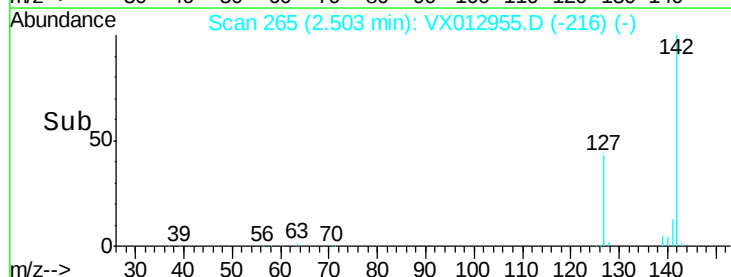
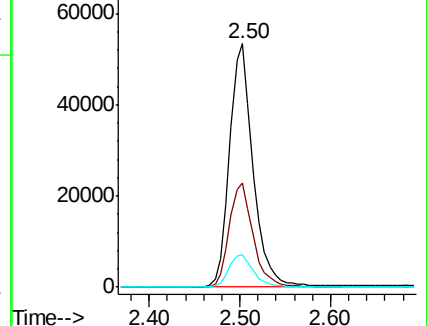
141 13.8 11.6 17.4

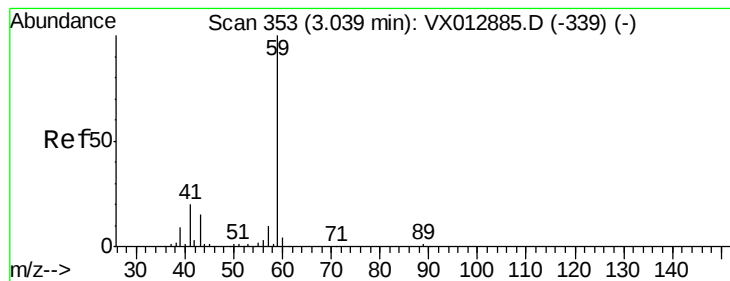


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



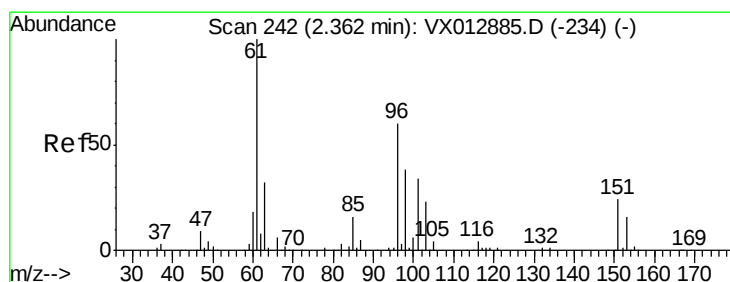
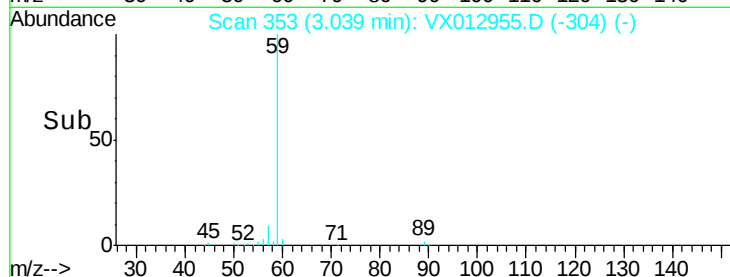
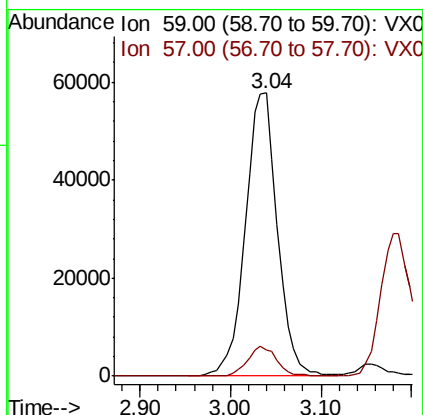
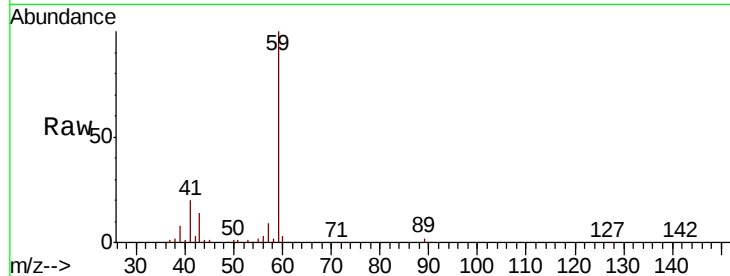


#11

Tert butyl alcohol  
 Concen: 249.897 ug/l  
 RT: 3.04 min Scan# 353  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

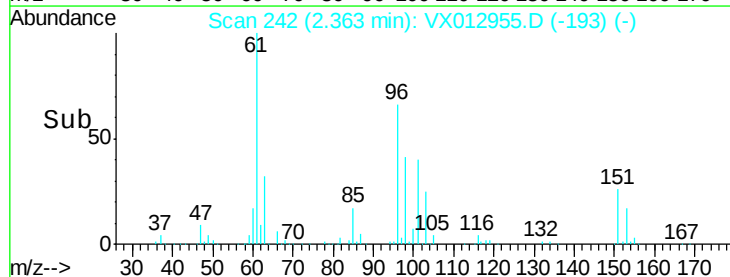
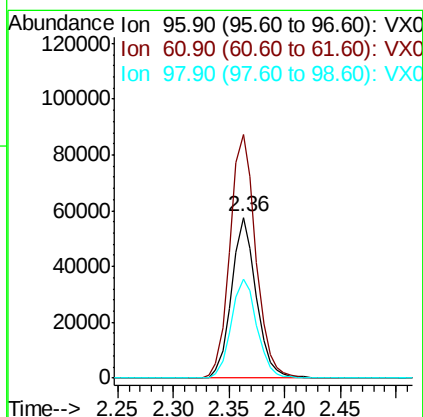
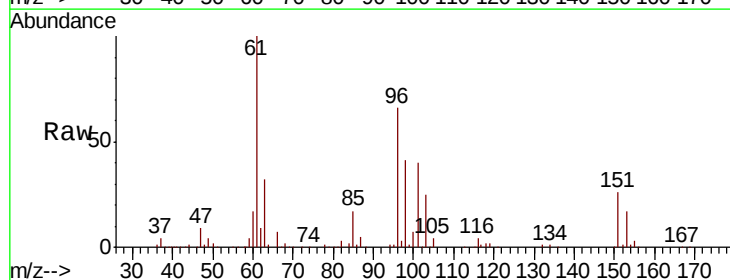
Tot Ion: 59 Resp: 141115  
 Ion Ratio Lower Upper  
 59 100  
 57 9.7 8.3 12.5

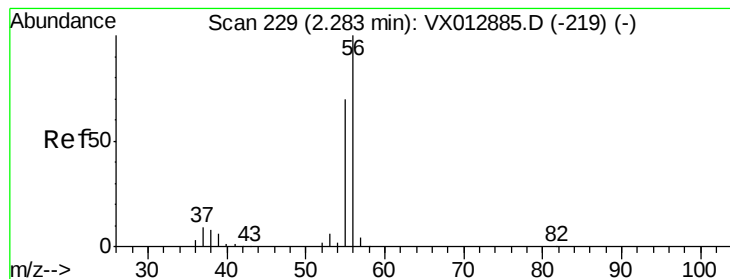


#12

1,1-Dichloroethene  
 Concen: 51.359 ug/l  
 RT: 2.36 min Scan# 242  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion: 96 Resp: 88455  
 Ion Ratio Lower Upper  
 96 100  
 61 151.7 132.2 198.4  
 98 61.9 50.5 75.7





#13

Acrolein

Concen: 211.599 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

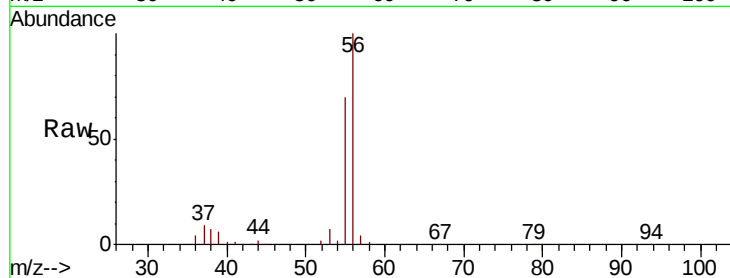
VSTDCCC050EC

Tot Ion: 56 Resp: 84915

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

50000

40000

30000

20000

10000

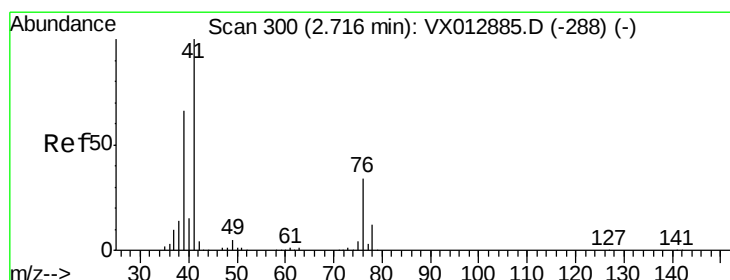
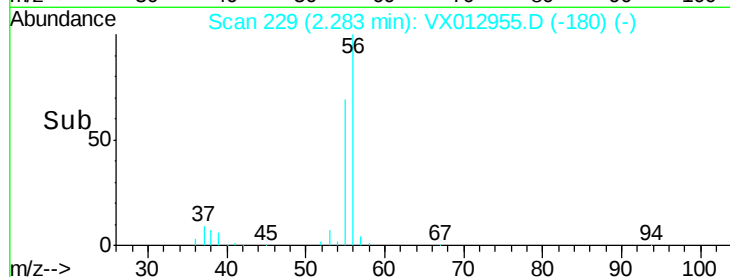
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 51.658 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

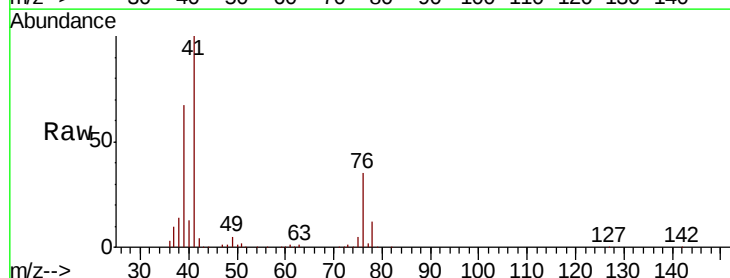
Tgt Ion: 41 Resp: 158445

Ion Ratio Lower Upper

41 100

39 63.1 51.0 76.6

76 33.3 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

60000

40000

20000

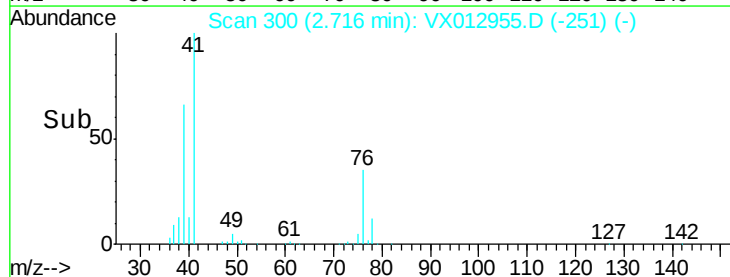
0

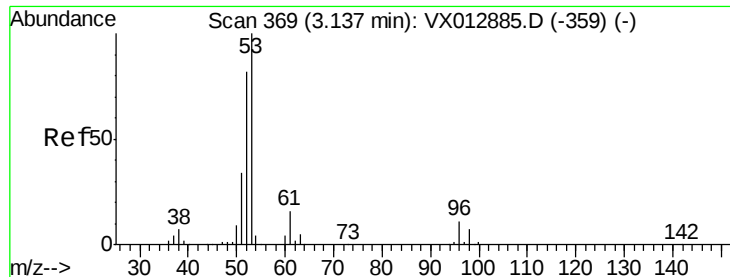
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 261.725 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

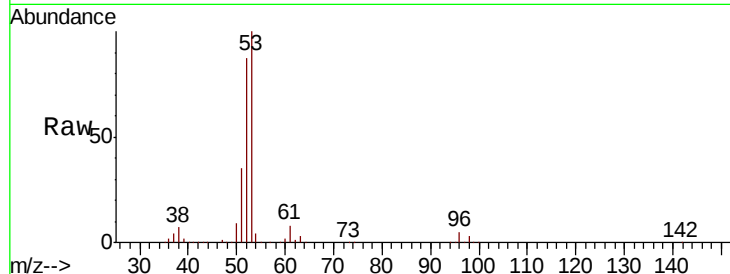
Tot Ion: 53 Resp: 280081

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

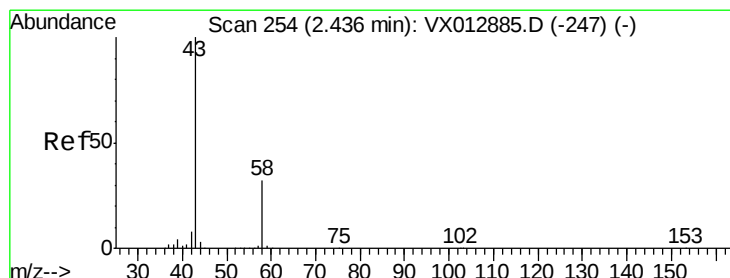
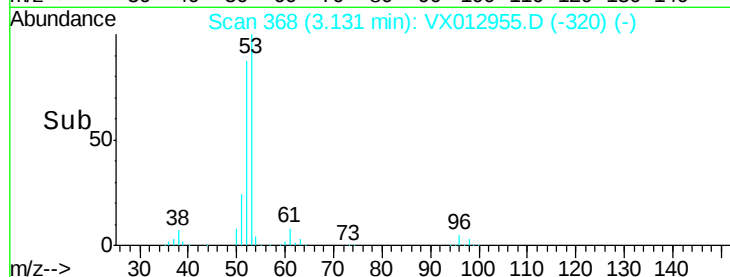
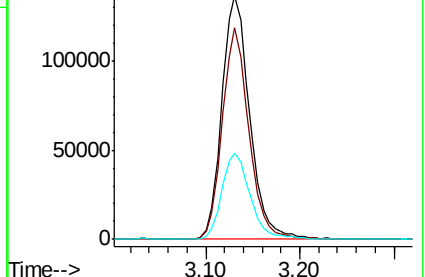
51 36.2 28.2 42.4



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: 214.437 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012955.D

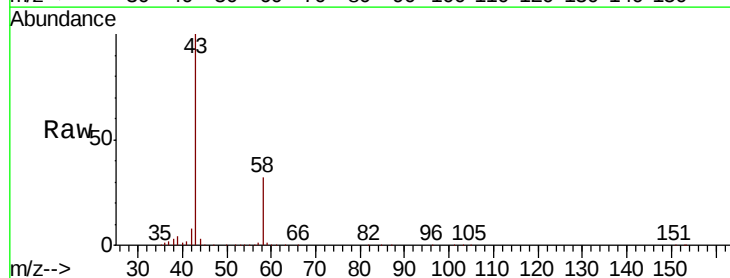
Acq: 09 Oct 2019 20:01

Tgt Ion: 43 Resp: 240774

Ion Ratio Lower Upper

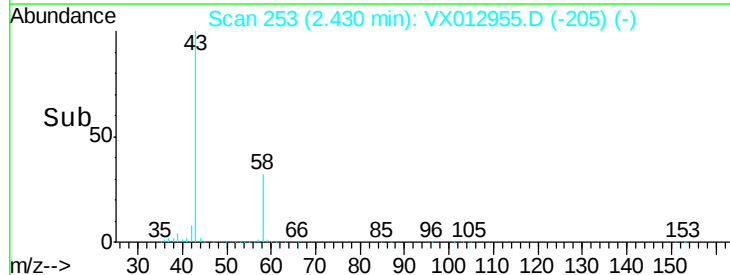
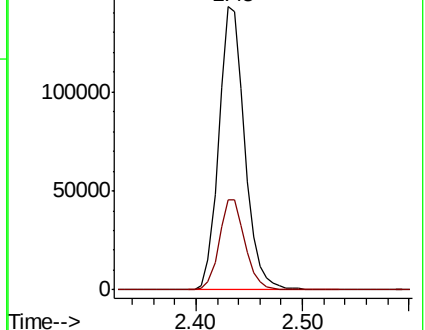
43 100

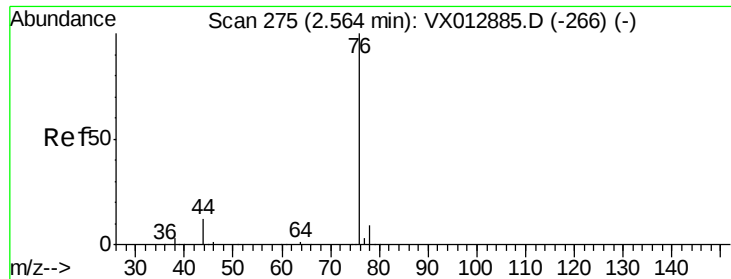
58 31.7 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

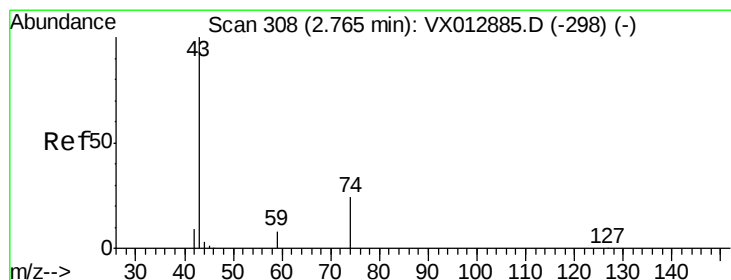
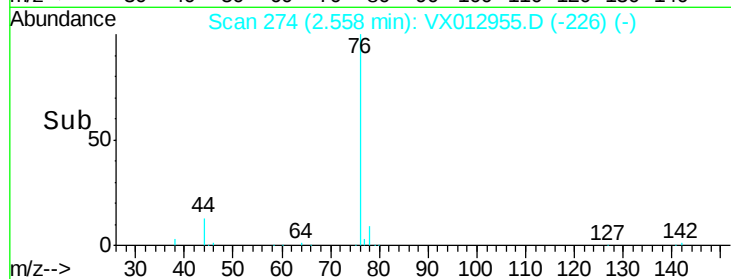
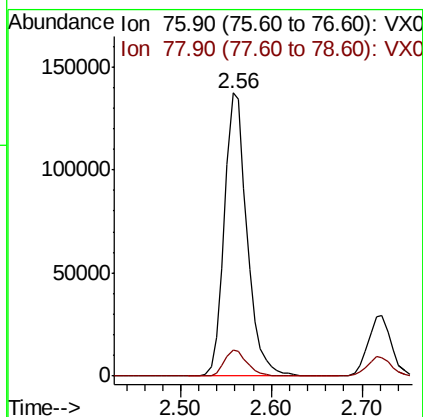
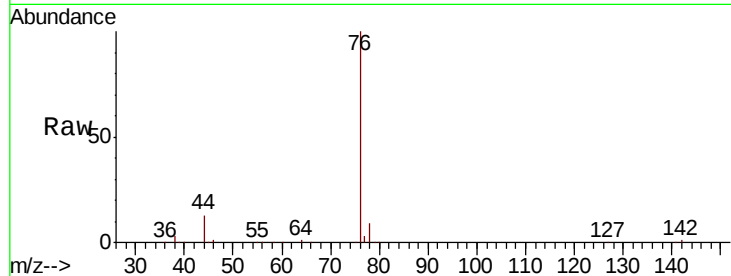




#17  
Carbon Disulfide  
Concen: 48.667 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.01 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

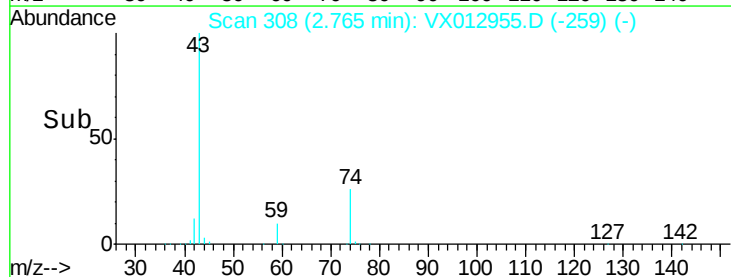
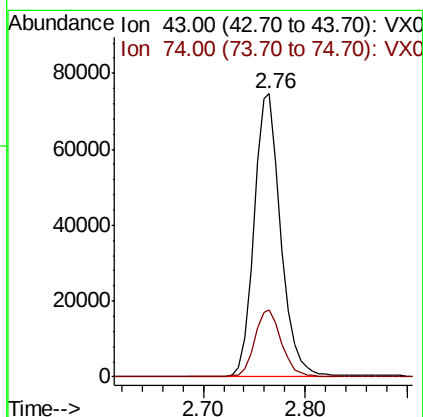
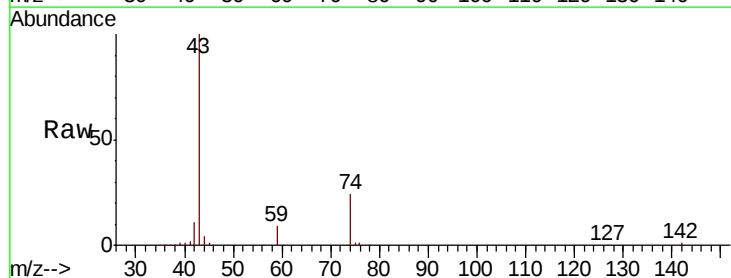
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

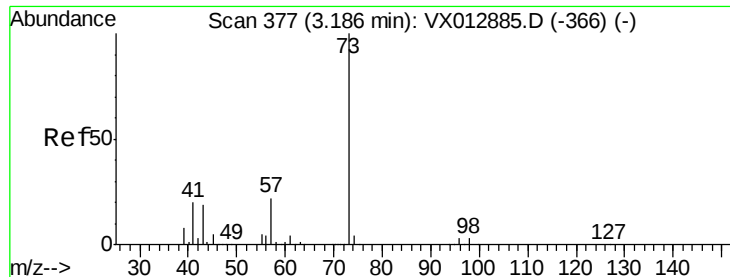
Tot Ion: 76 Resp: 239000  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.1 10.7



#18  
Methyl Acetate  
Concen: 51.282 ug/l  
RT: 2.76 min Scan# 308  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 43 Resp: 136480  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.2 28.8

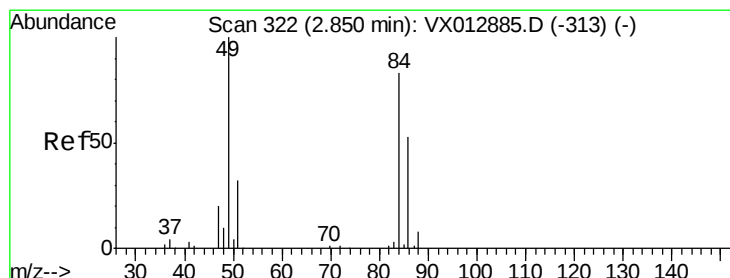
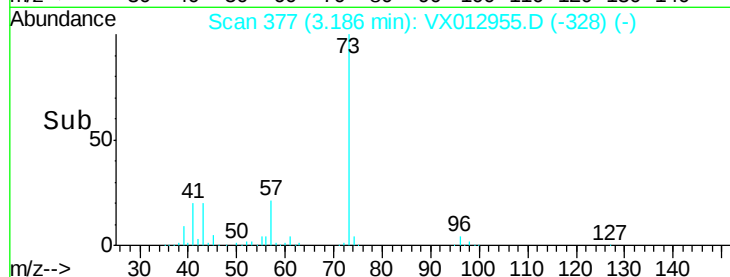
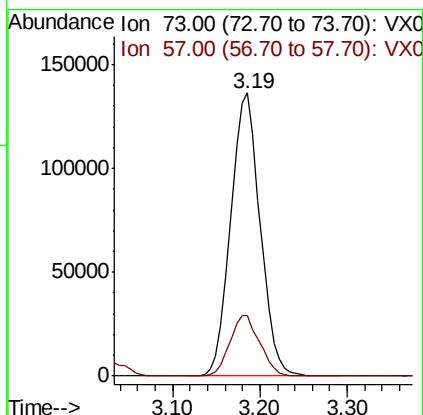
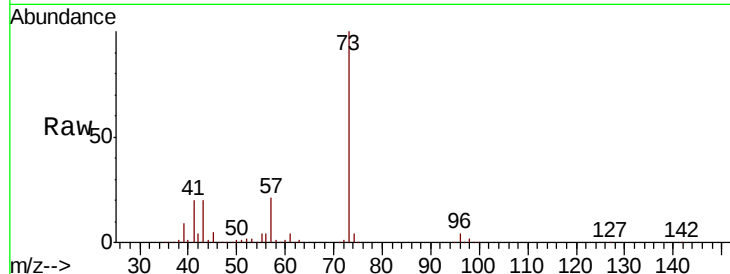




#19  
Methyl tert-butyl Ether  
Concen: 53.611 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

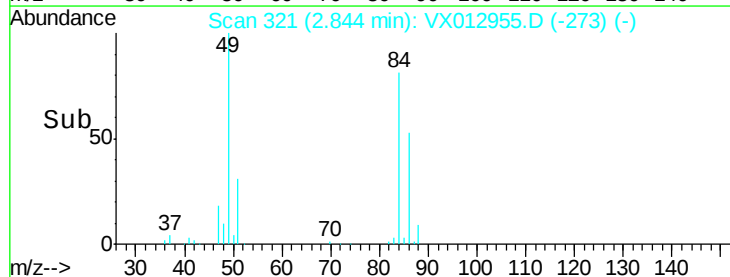
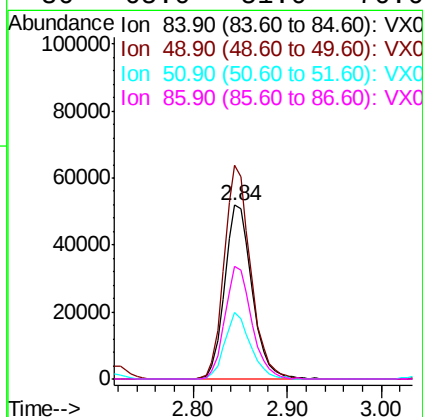
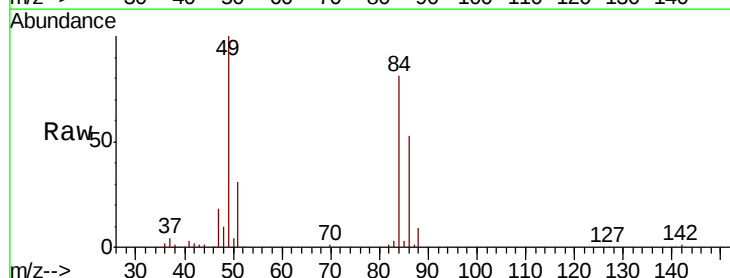
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

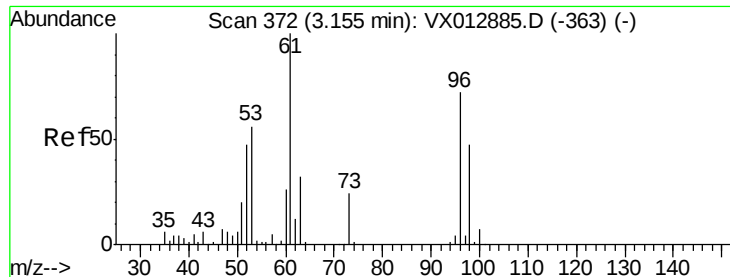
Tot Ion: 73 Resp: 318865  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.8 26.6



#20  
Methylene Chloride  
Concen: 50.434 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 84 Resp: 104071  
Ion Ratio Lower Upper  
84 100  
49 123.0 96.6 144.8  
51 38.4 30.7 46.1  
86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.204 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

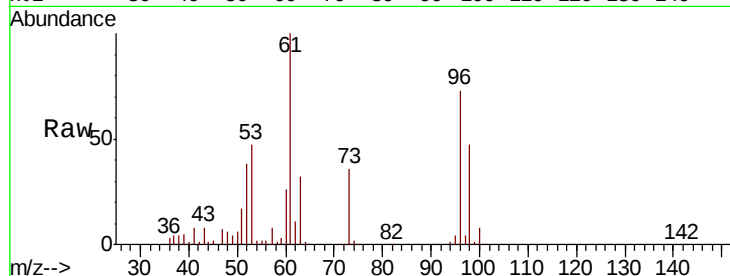
Tot Ion: 96 Resp: 96368

Ion Ratio Lower Upper

96 100

61 136.7 110.4 165.6

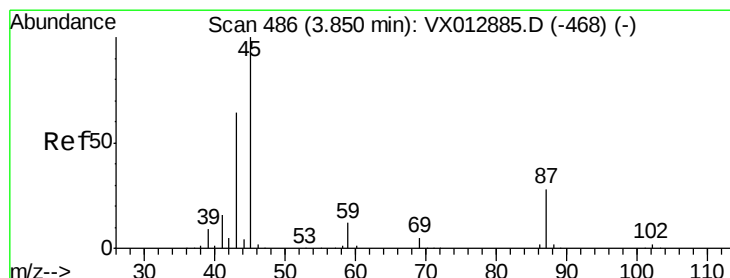
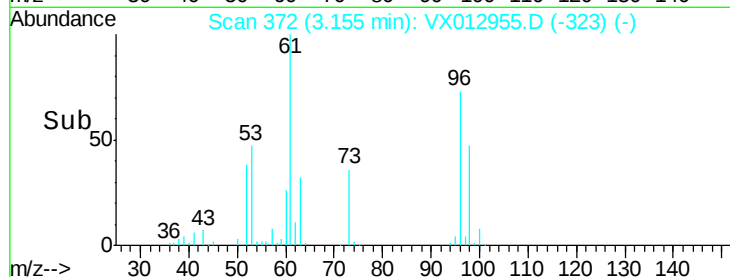
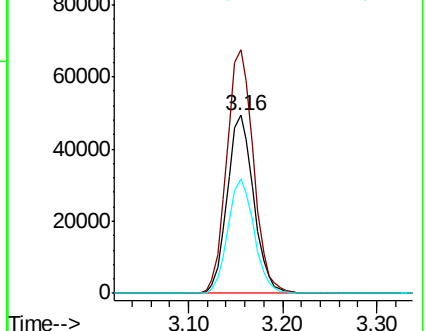
98 64.3 51.5 77.3



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: 53.598 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion: 45 Resp: 315011

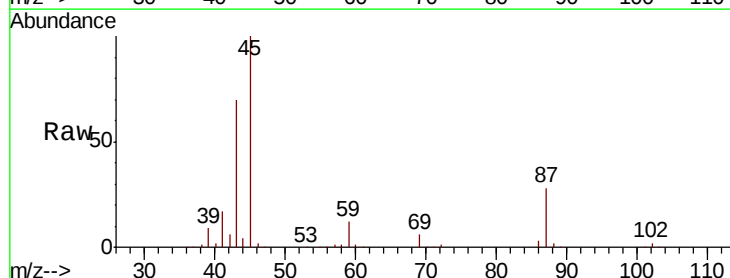
Ion Ratio Lower Upper

45 100

43 69.7 51.4 77.0

87 27.7 22.5 33.7

59 11.9 9.7 14.5

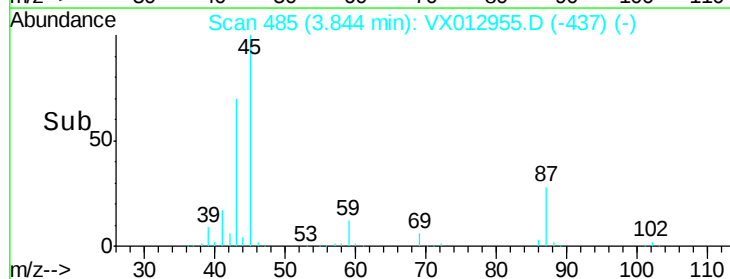
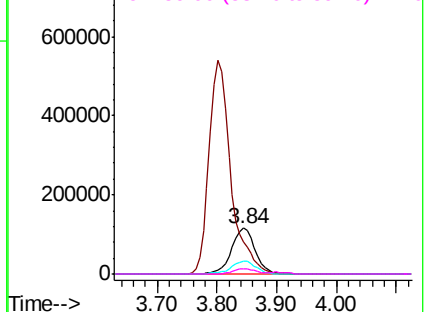


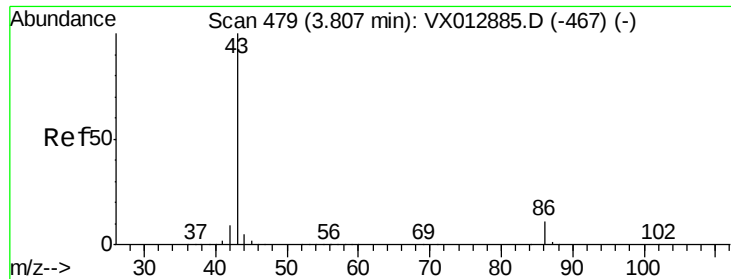
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.056 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

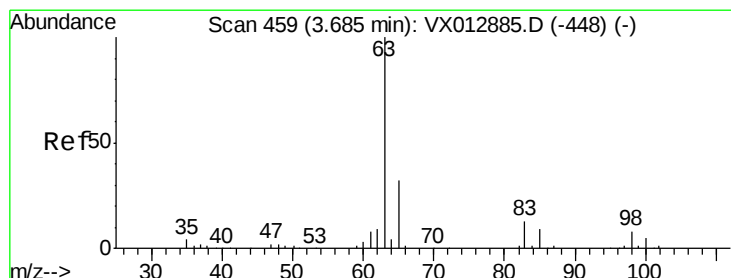
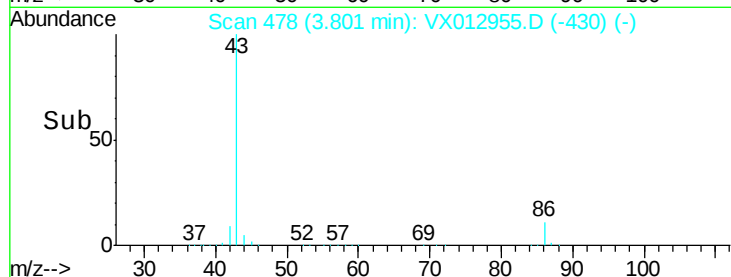
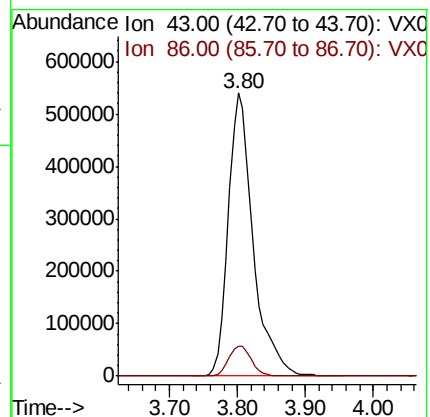
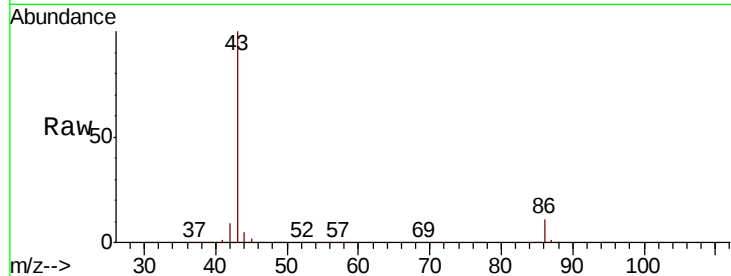
VSTDCCC050EC

Tot Ion: 43 Resp: 1370181

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.6



#24

1,1-Dichloroethane

Concen: 52.580 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

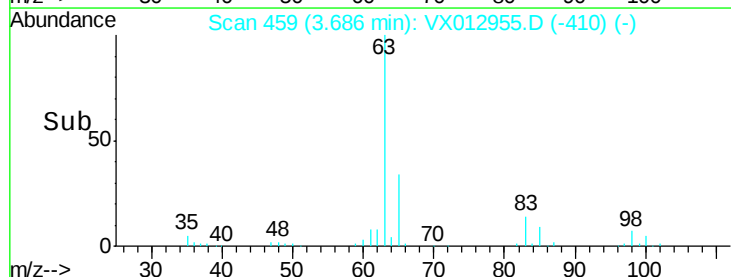
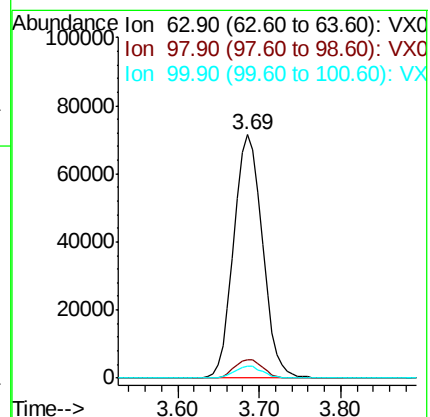
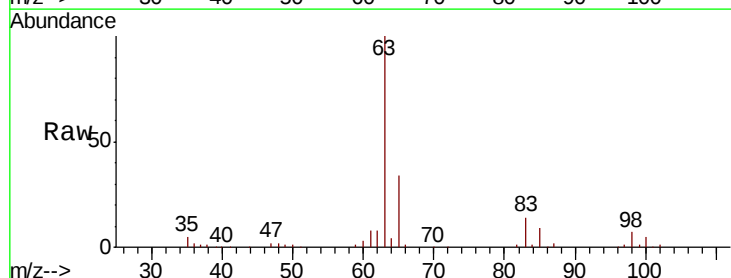
Tgt Ion: 63 Resp: 173852

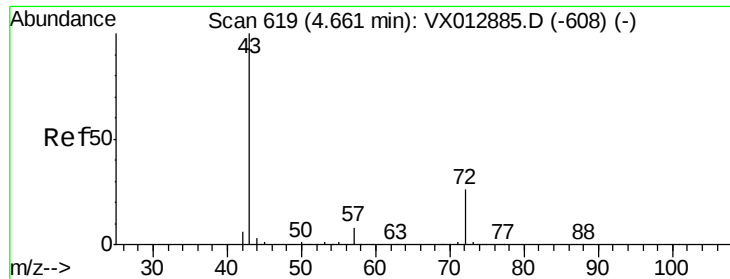
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 250.454 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

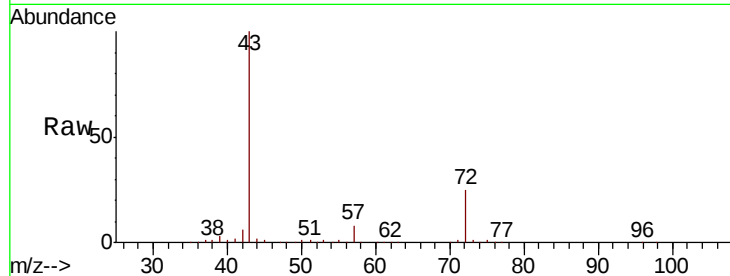
VSTDCCC050EC

Tot Ion: 43 Resp: 390146

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

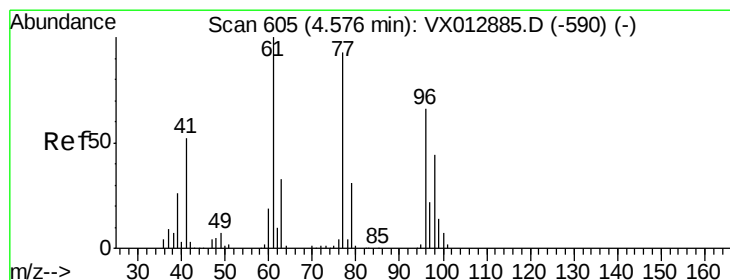
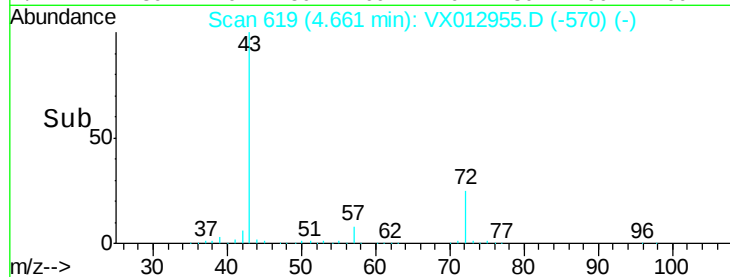
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.969 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012955.D

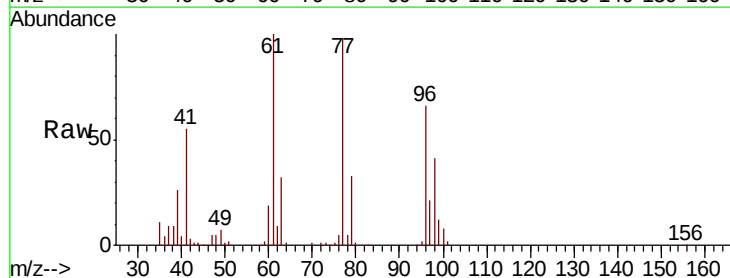
Acq: 09 Oct 2019 20:01

Tgt Ion: 77 Resp: 133374

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

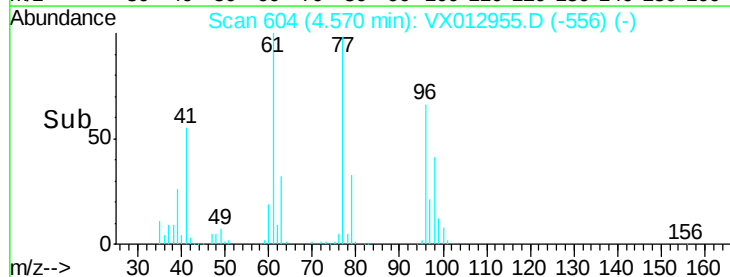
20000

10000

0

4.50 4.60 4.70

Time-->



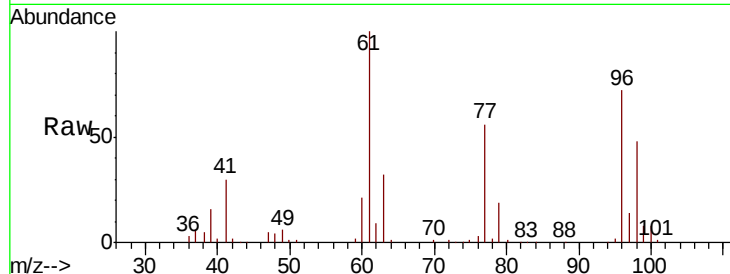


#27

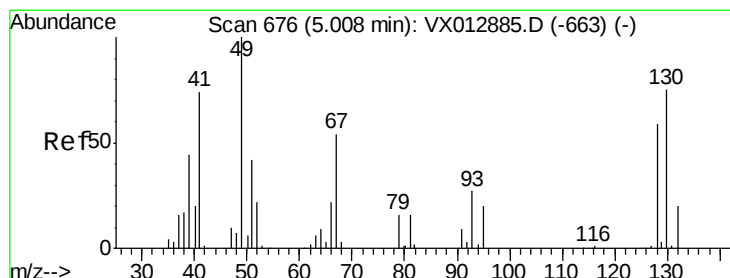
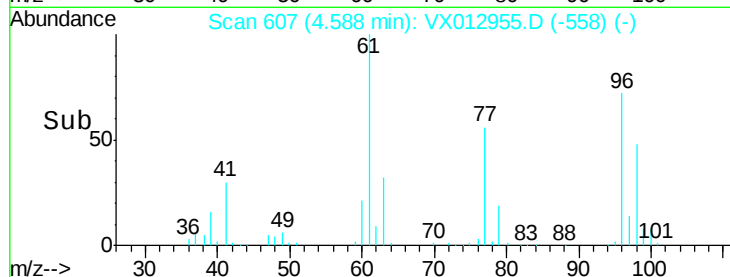
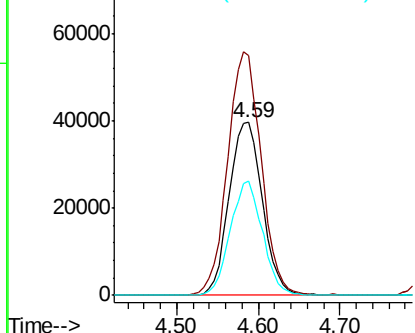
cis-1,2-Dichloroethene  
Concen: 52.608 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 96 Resp: 111941  
Ion Ratio Lower Upper  
96 100  
61 142.1 0.0 290.6  
98 64.0 0.0 128.8



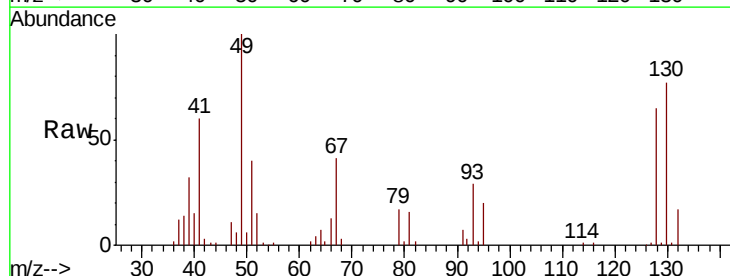
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



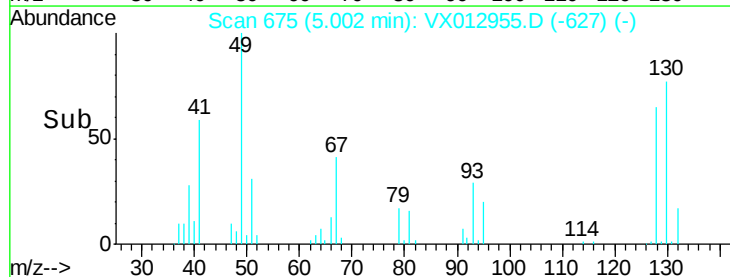
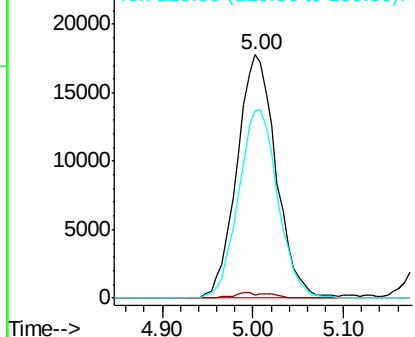
#28

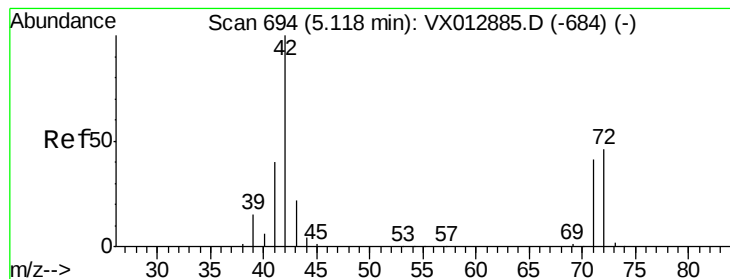
Bromochloromethane  
Concen: 53.824 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 49 Resp: 53151  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.2  
130 77.8 62.1 93.1



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 261.680 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

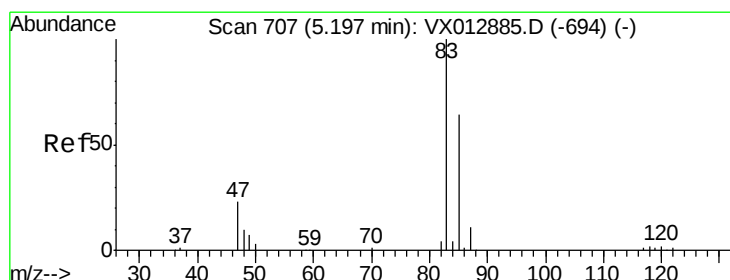
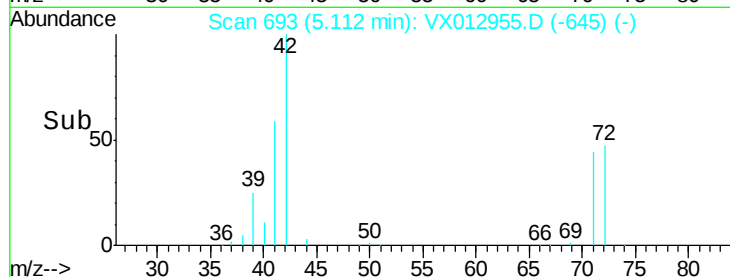
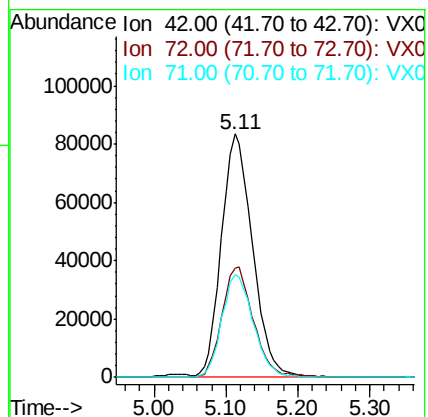
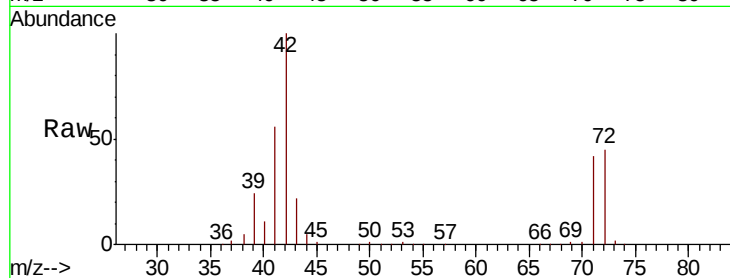
Tot Ion: 42 Resp: 250844

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

71 42.8 33.5 50.3



#30

Chloroform

Concen: 52.314 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012955.D

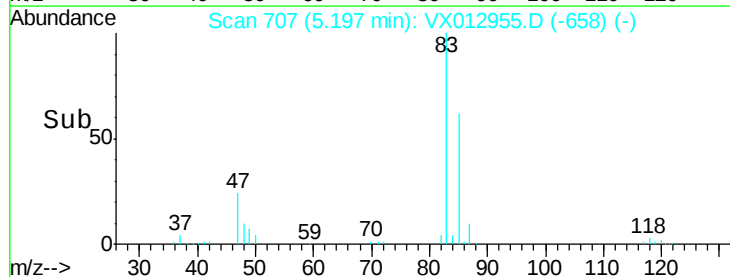
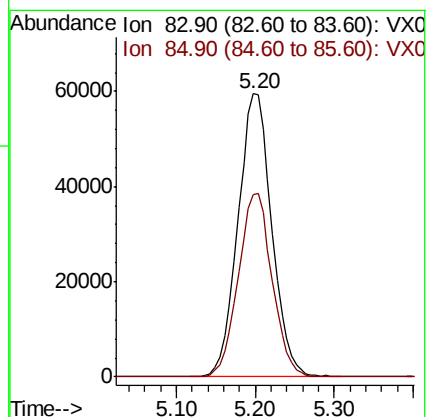
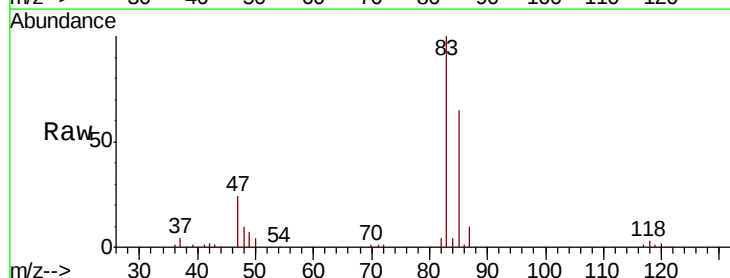
Acq: 09 Oct 2019 20:01

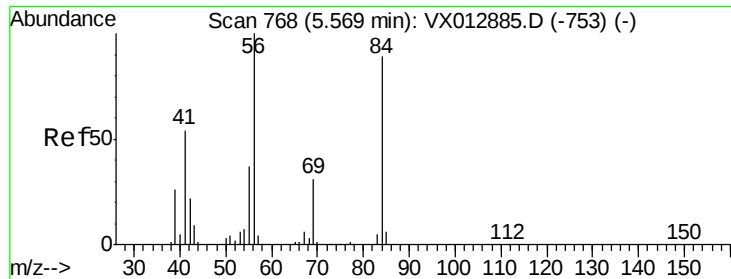
Tgt Ion: 83 Resp: 177483

Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3

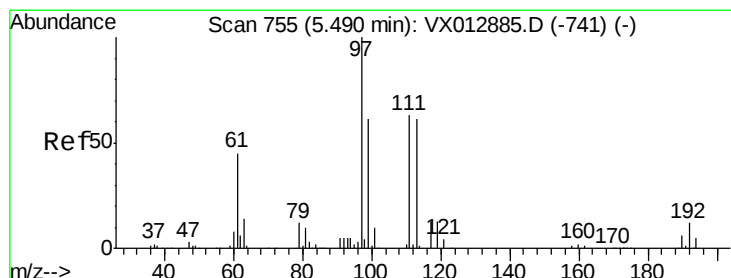
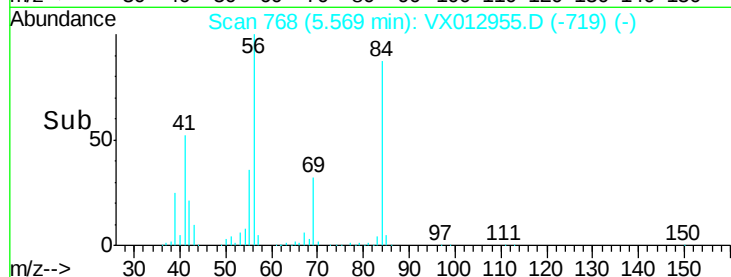
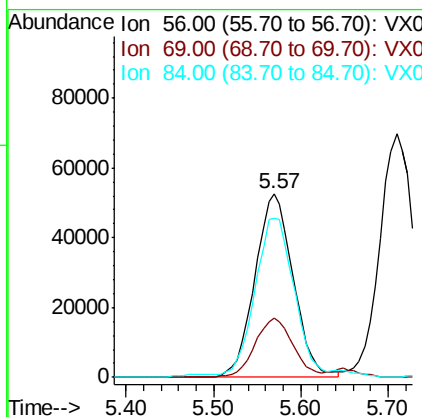
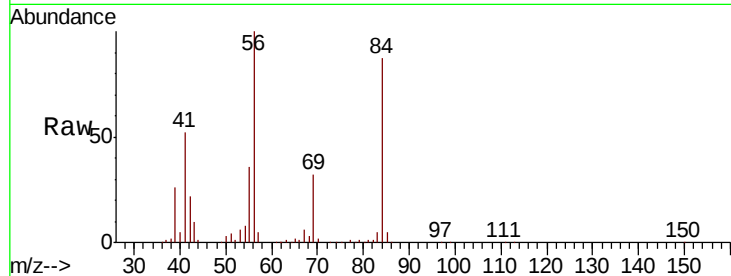




#31  
Cyclohexane  
Concen: 51.589 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

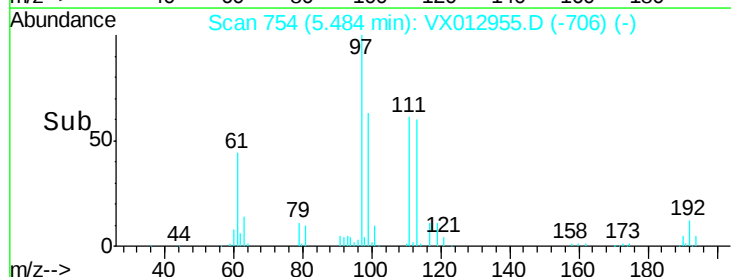
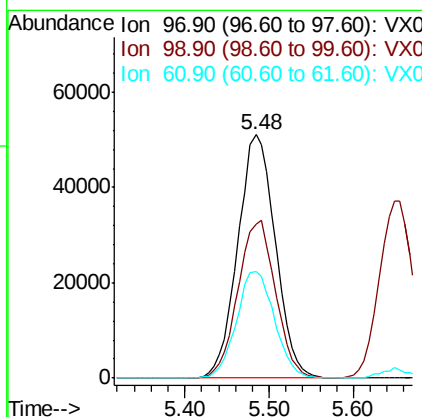
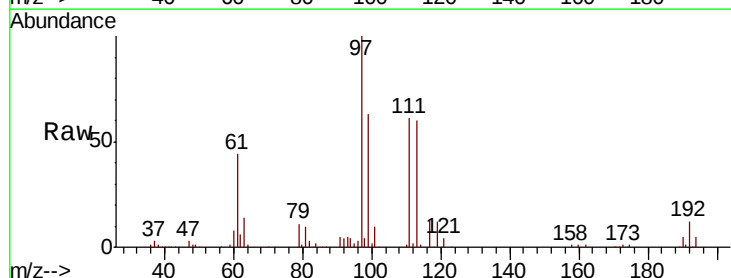
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

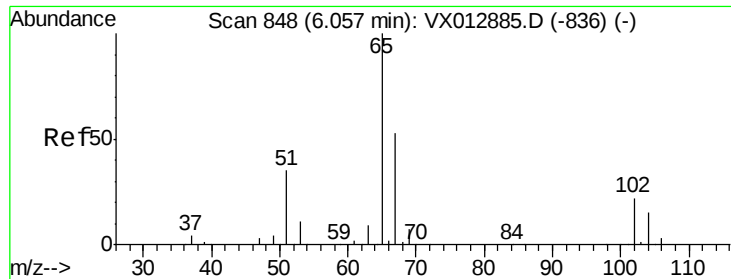
Tot Ion: 56 Resp: 159500  
Ion Ratio Lower Upper  
56 100  
69 32.5 25.2 37.8  
84 85.1 71.3 106.9



#32  
1,1,1-Trichloroethane  
Concen: 53.798 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 97 Resp: 154650  
Ion Ratio Lower Upper  
97 100  
99 64.7 52.3 78.5  
61 44.5 35.0 52.4

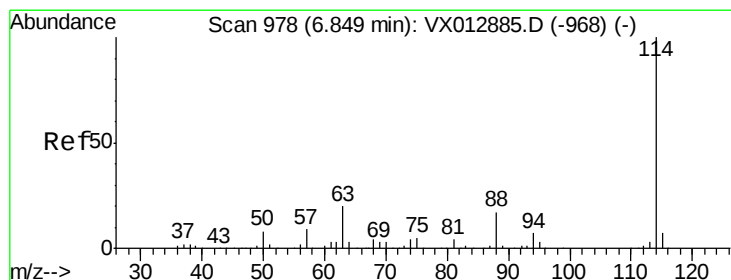
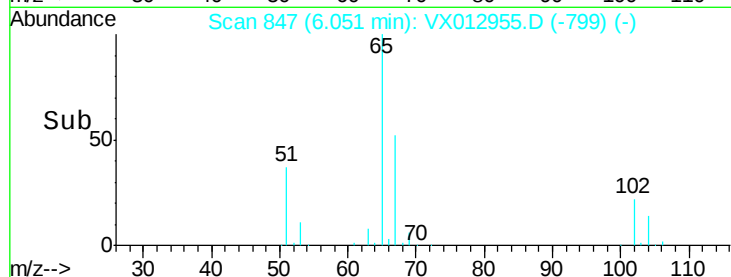
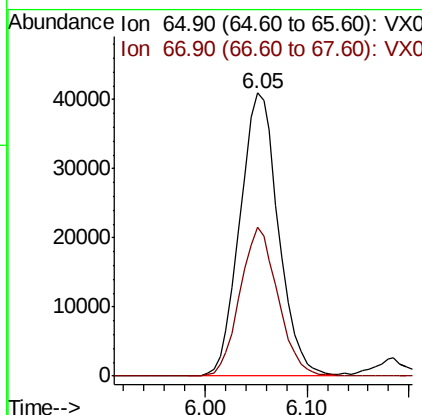
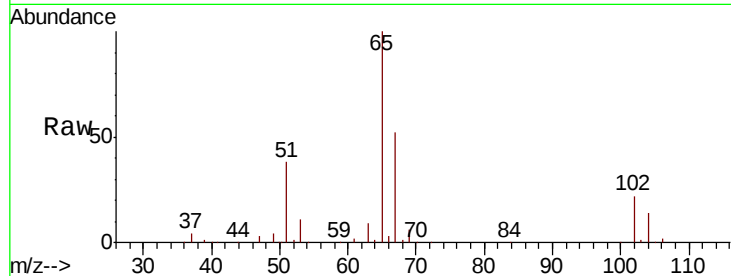




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.488 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.01 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

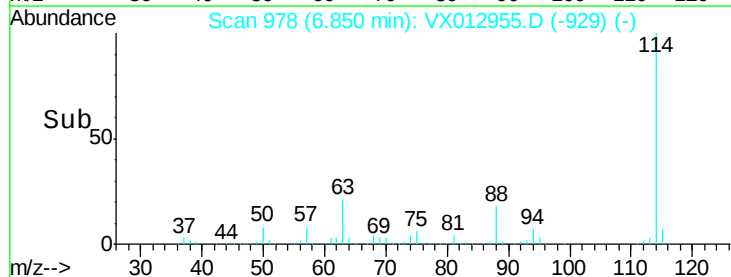
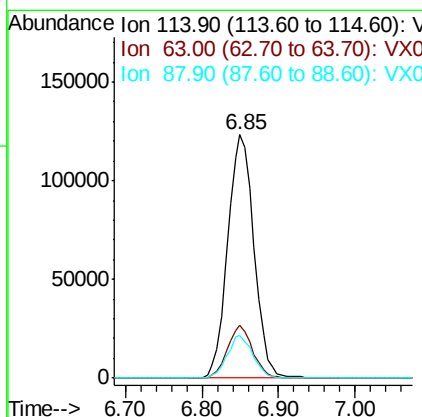
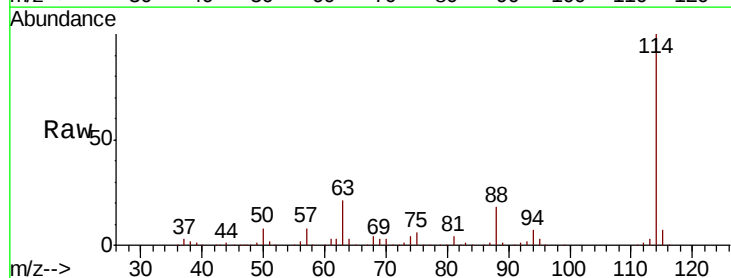
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

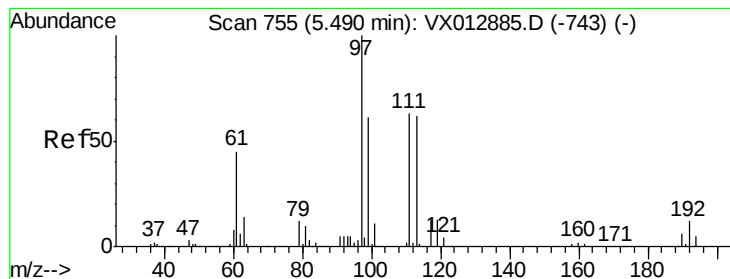
Tot Ion: 65 Resp: 107548  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion: 114 Resp: 293103  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 40.8  
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.168 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

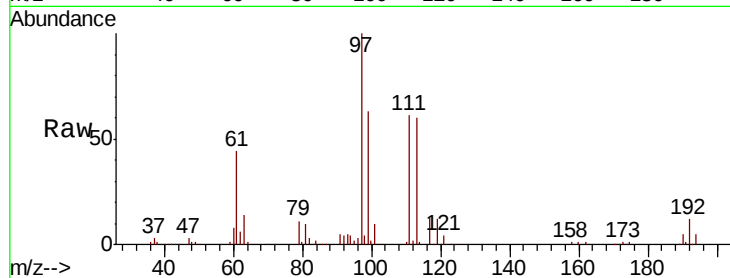
Tot Ion:113 Resp: 86078

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

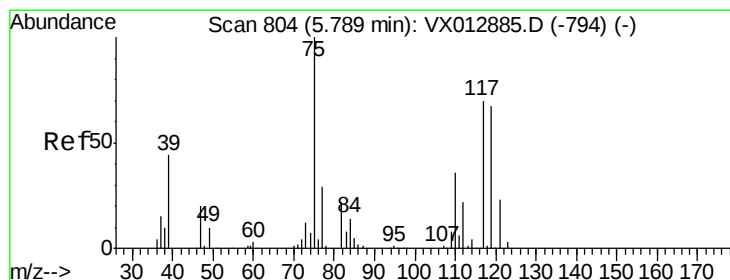
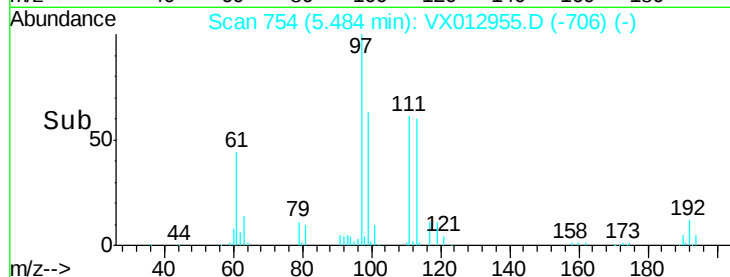
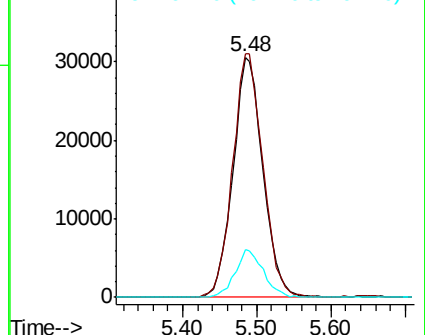
192 18.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.111 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

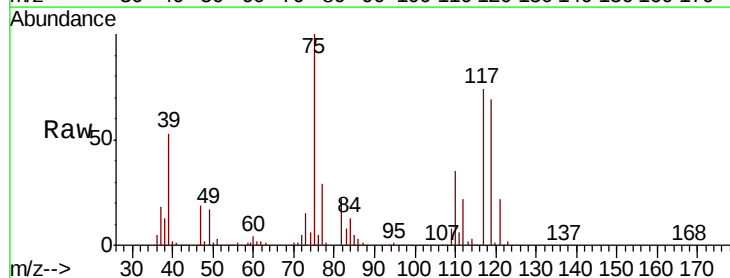
Tgt Ion: 75 Resp: 134288

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

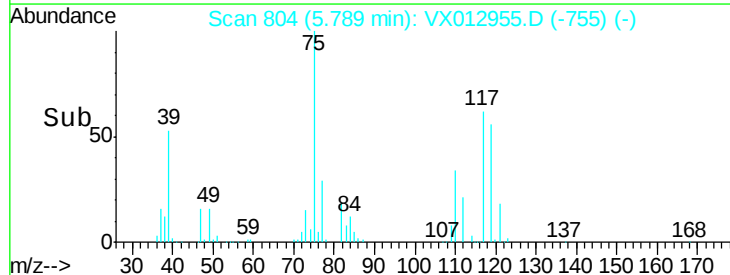
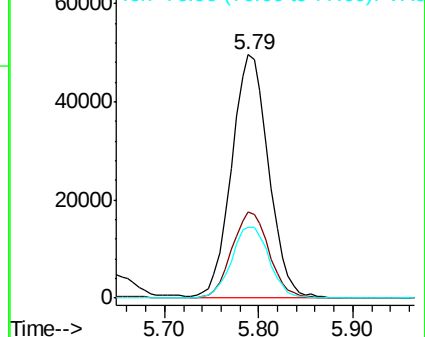
77 30.1 24.4 36.6

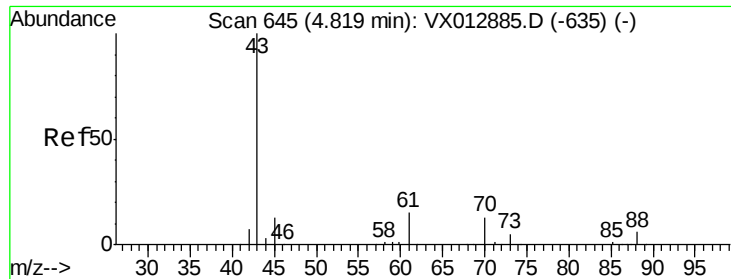


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

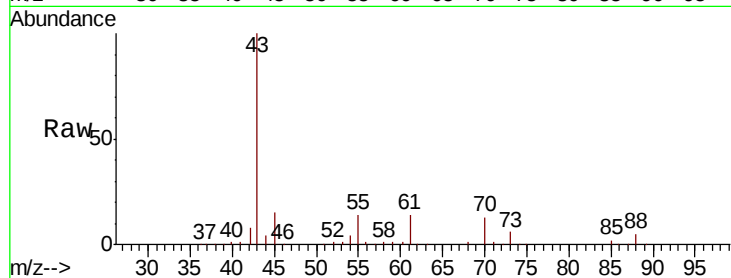




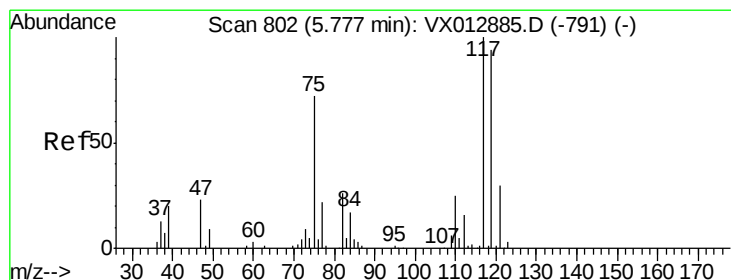
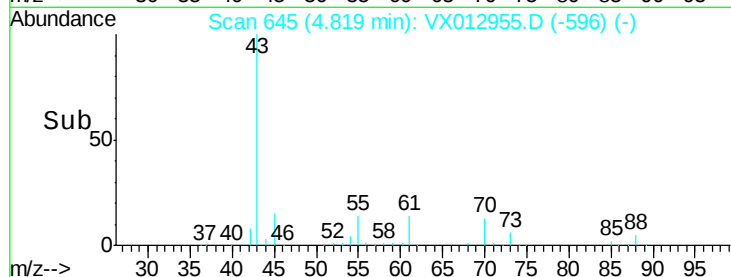
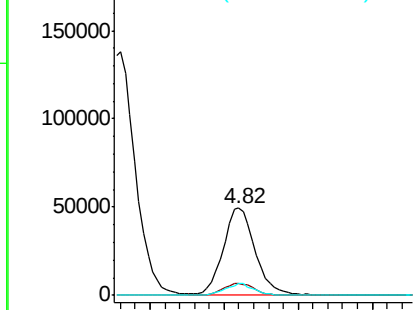
#37  
Ethyl Acetate  
Concen: 51.071 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 147165  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.4 17.0  
70 12.0 9.8 14.6

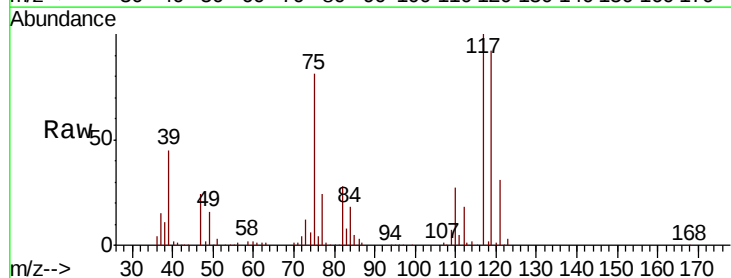


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

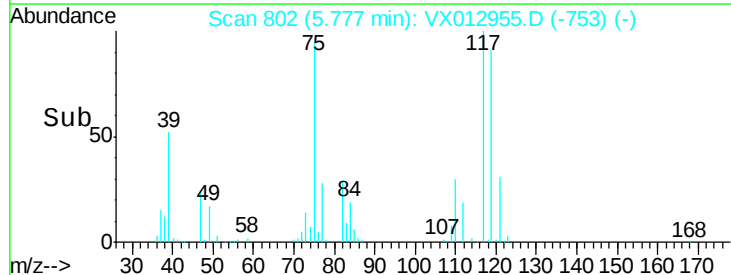
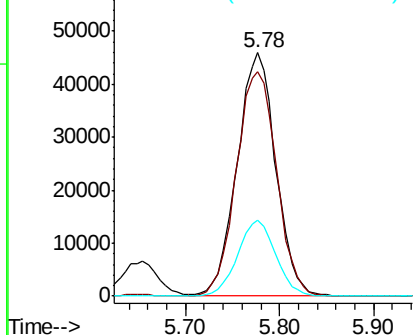


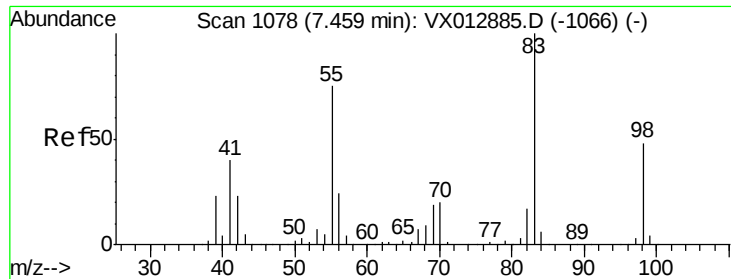
#38  
Carbon Tetrachloride  
Concen: 52.334 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 117 Resp: 131268  
Ion Ratio Lower Upper  
117 100  
119 92.7 74.5 111.7  
121 31.0 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

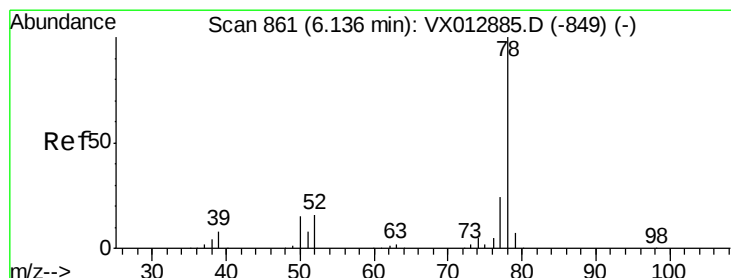
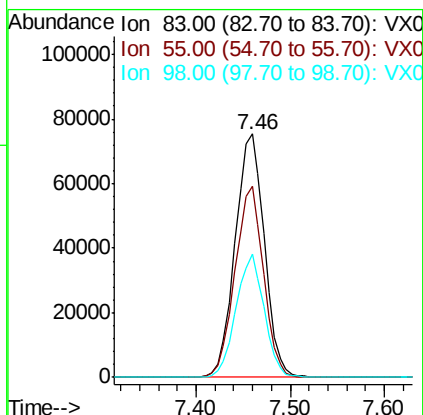
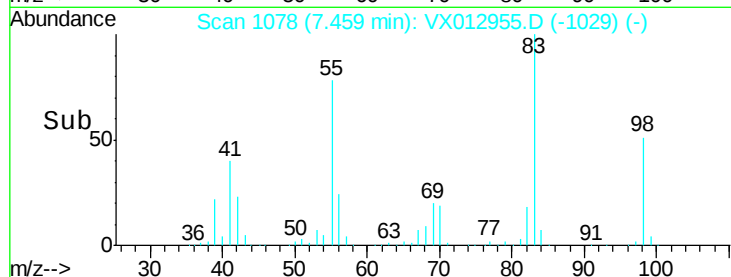
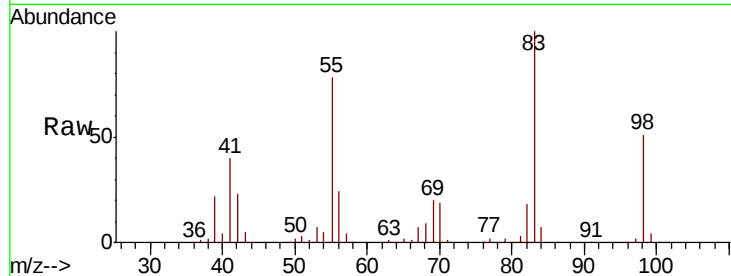




#39  
Methvlcvclohexane  
Concen: 52.020 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

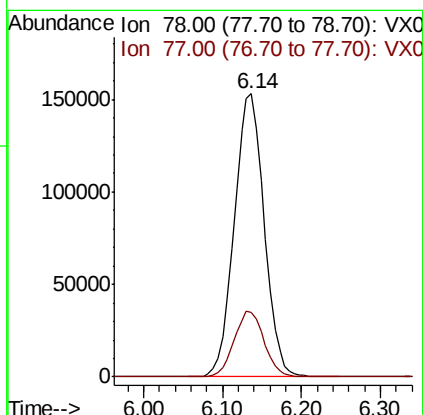
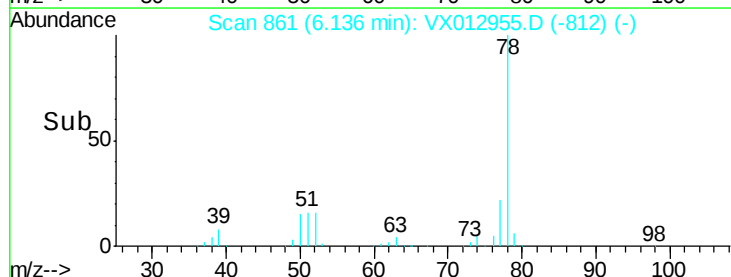
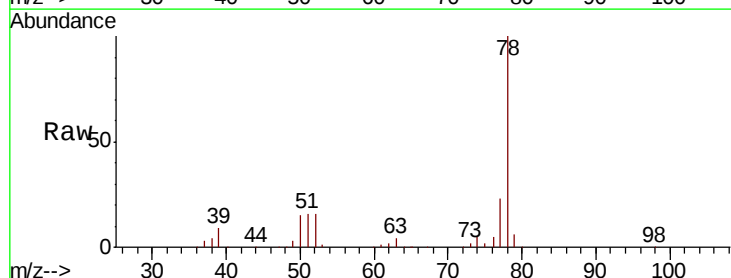
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

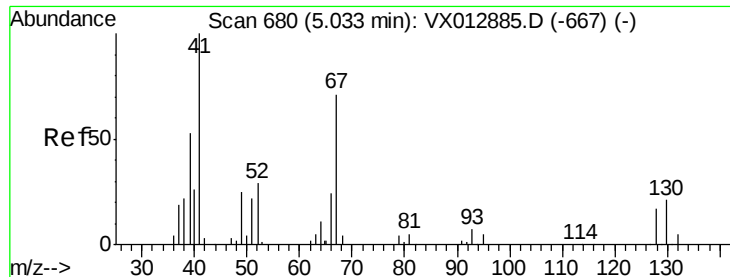
Tot Ion: 83 Resp: 162572  
Ion Ratio Lower Upper  
83 100  
55 78.3 60.2 90.4  
98 50.7 38.5 57.7



#40  
Benzene  
Concen: 52.989 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 78 Resp: 403307  
Ion Ratio Lower Upper  
78 100  
77 22.7 19.0 28.4

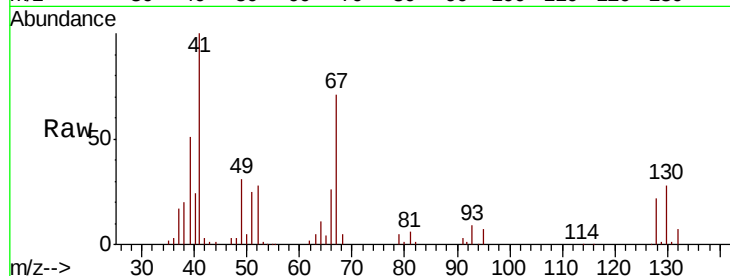




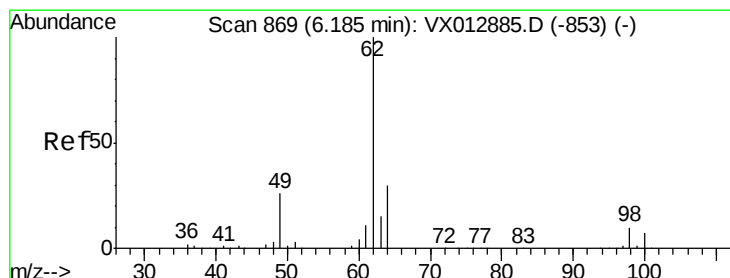
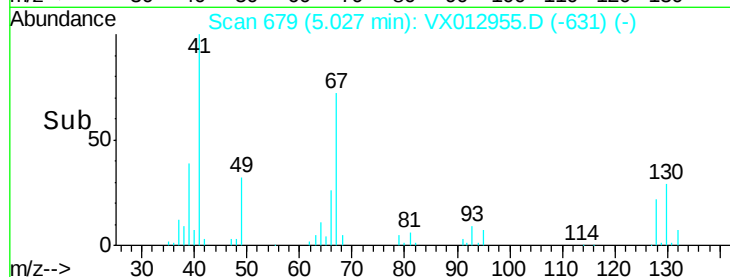
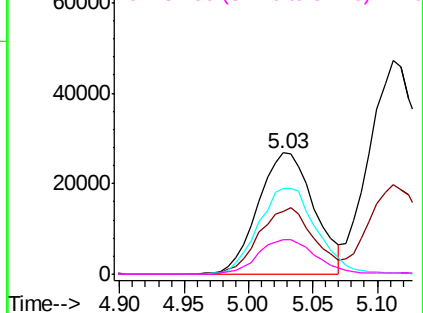
#41  
Methacrylonitrile  
Concen: 51.407 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. -0.01 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 81397 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.6  | 44.0  | 66.0  |
| 67       | 73.9  | 58.5  | 87.7  |
| 52       | 30.1  | 23.8  | 35.8  |

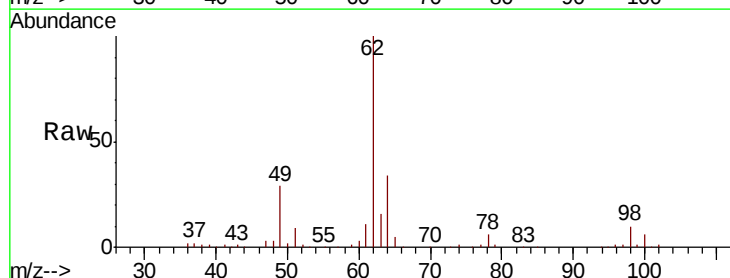


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

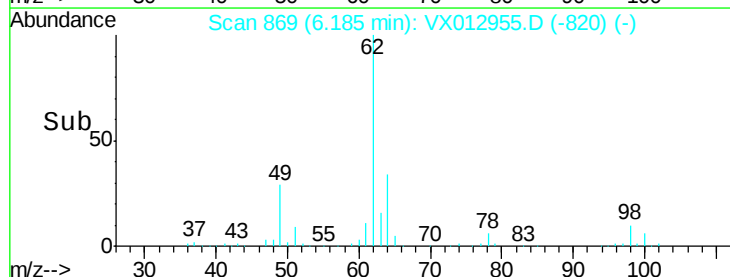
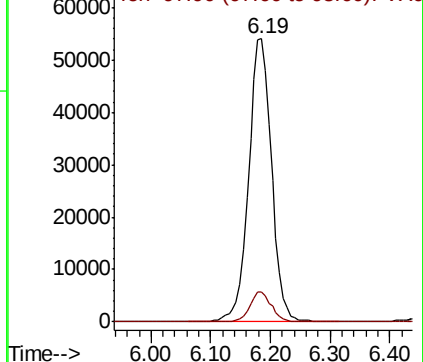


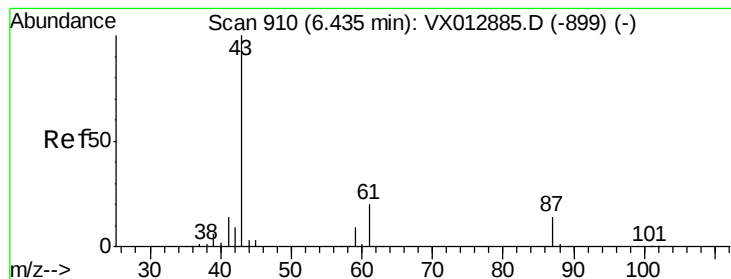
#42  
1,2-Dichloroethane  
Concen: 52.873 ug/l  
RT: 6.19 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 144400 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 20.4   |



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



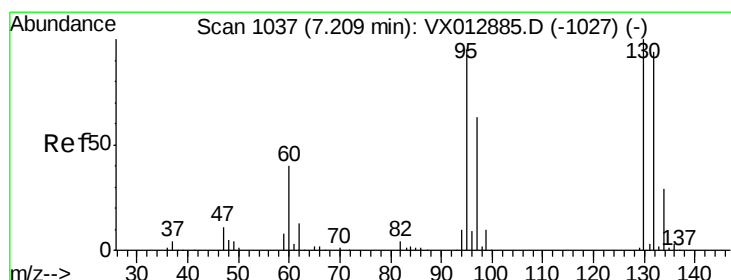
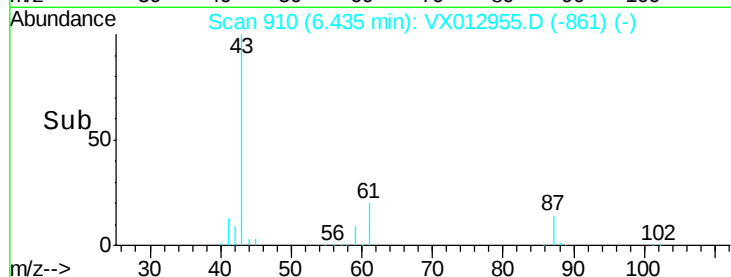
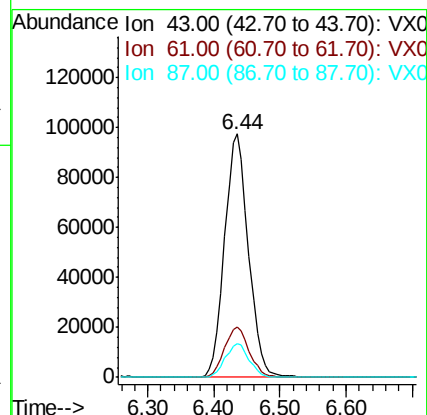
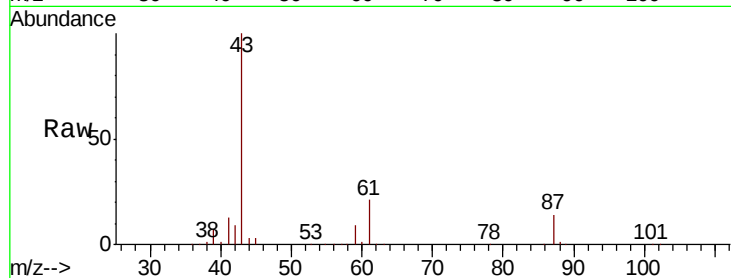


#43

Isopropyl Acetate  
 Concen: 52.499 ug/l  
 RT: 6.44 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

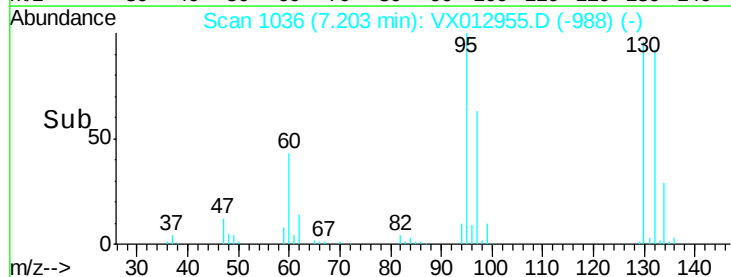
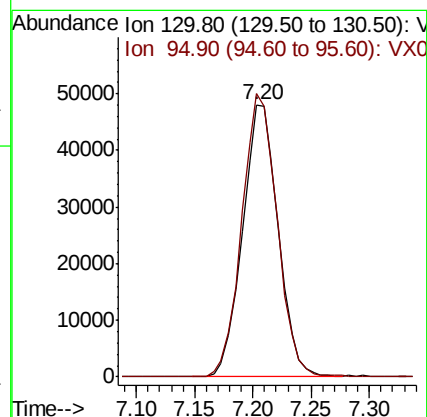
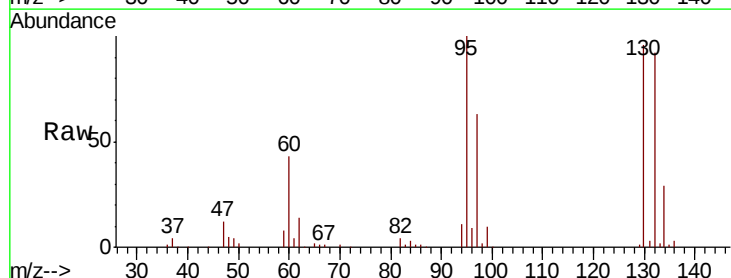
Tot Ion: 43 Resp: 242805  
 Ion Ratio Lower Upper  
 43 100  
 61 21.2 16.6 24.8  
 87 13.9 11.0 16.6

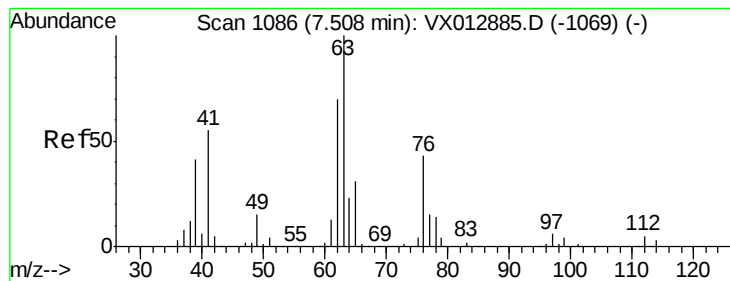


#44

Trichloroethene  
 Concen: 48.655 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.01 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion:130 Resp: 102691  
 Ion Ratio Lower Upper  
 130 100  
 95 103.9 0.0 189.2





#45

1,2-Dichloropropane

Concen: 52.831 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

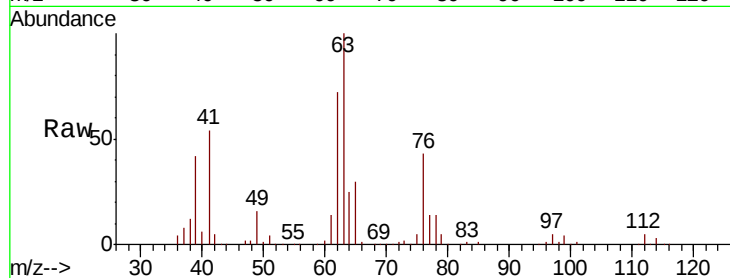
VSTDCCC050EC

Tot Ion: 63 Resp: 102484

Ion Ratio Lower Upper

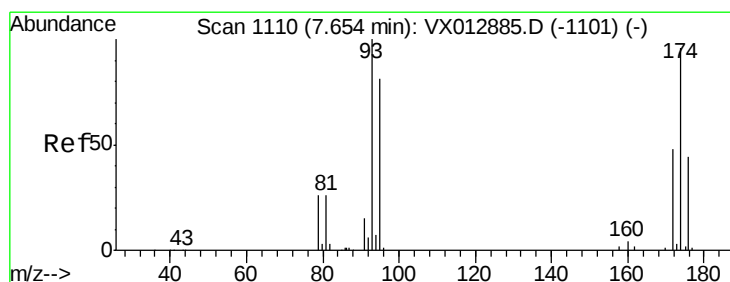
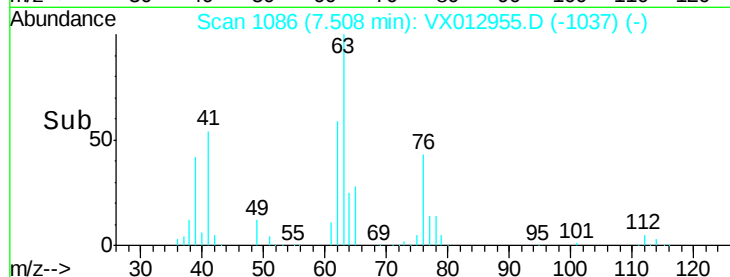
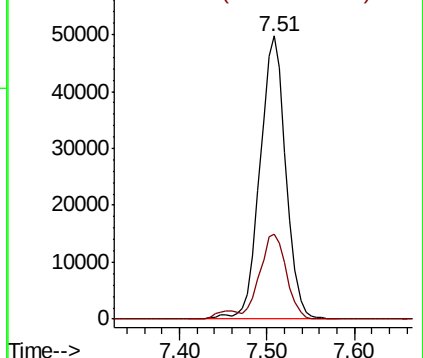
63 100

65 29.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.031 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

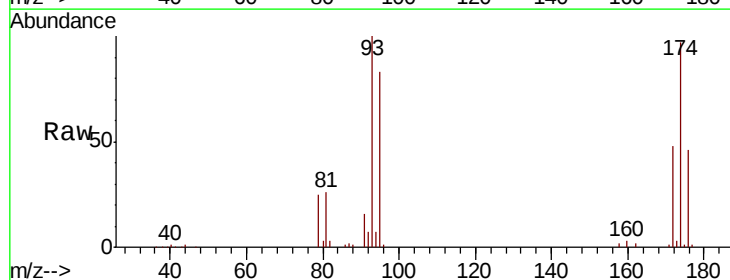
Tgt Ion: 93 Resp: 68539

Ion Ratio Lower Upper

93 100

95 83.1 66.3 99.5

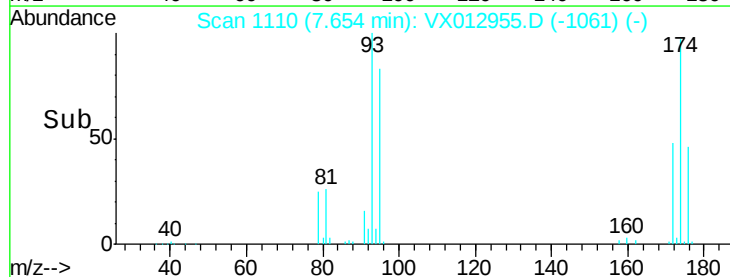
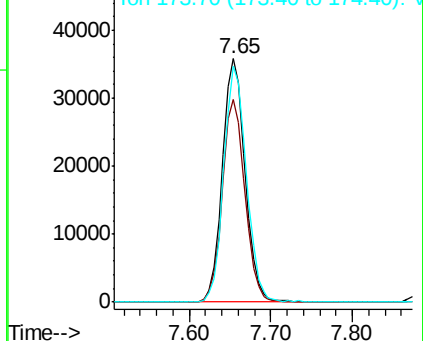
174 97.3 77.8 116.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.723 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

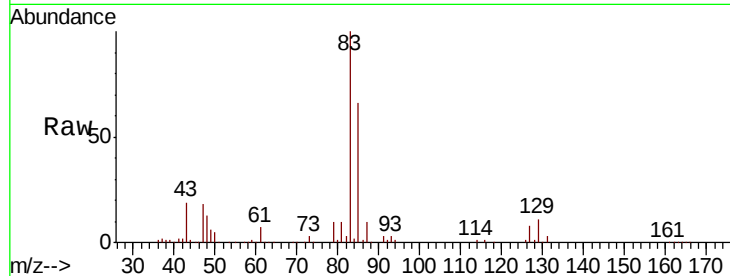
Tot Ion: 83 Resp: 135499

Ion Ratio Lower Upper

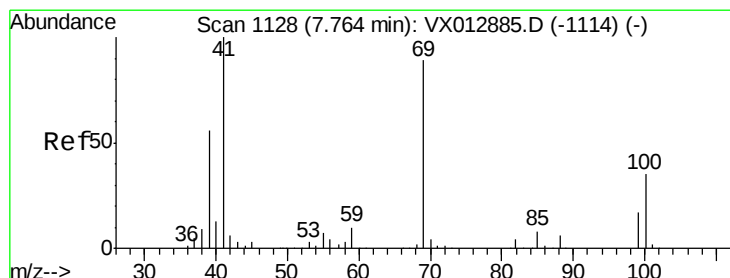
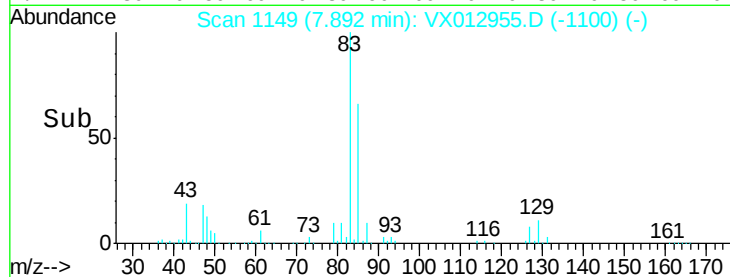
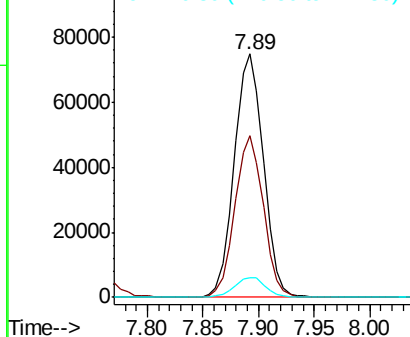
83 100

85 66.3 52.4 78.6

127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.417 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

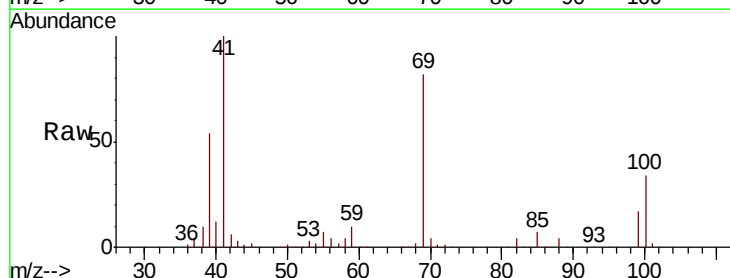
Tgt Ion: 41 Resp: 118137

Ion Ratio Lower Upper

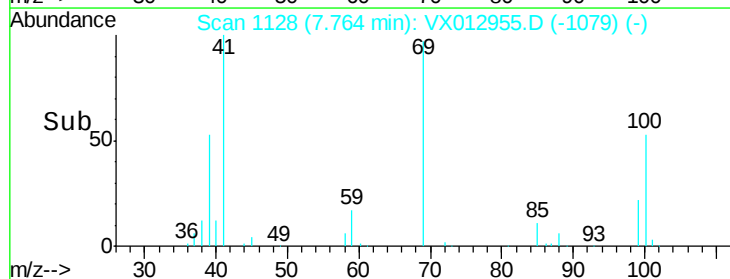
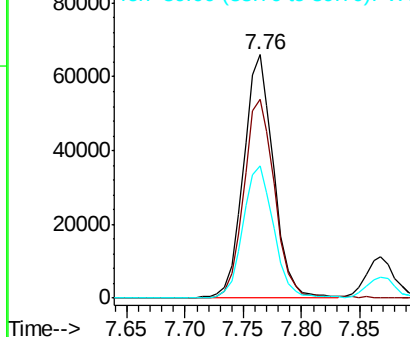
41 100

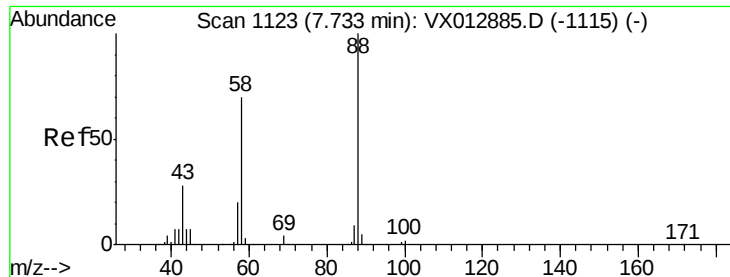
69 84.1 68.7 103.1

39 55.9 44.3 66.5



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





#49

1,4-Dioxane

Concen: 969.046 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

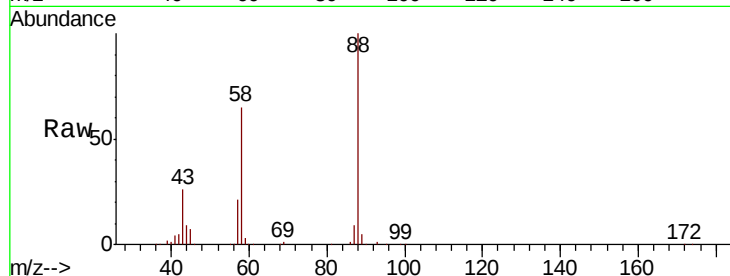
Tot Ion: 88 Resp: 58542

Ion Ratio Lower Upper

88 100

43 31.7 25.0 37.6

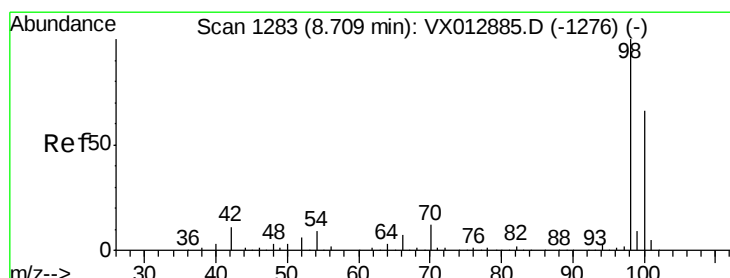
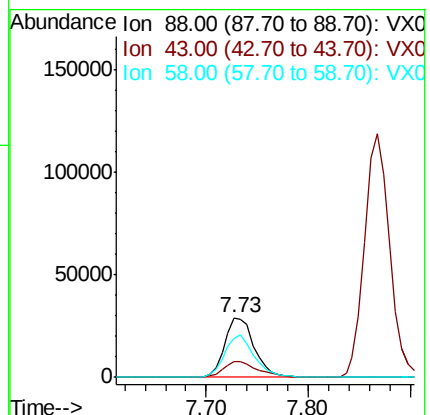
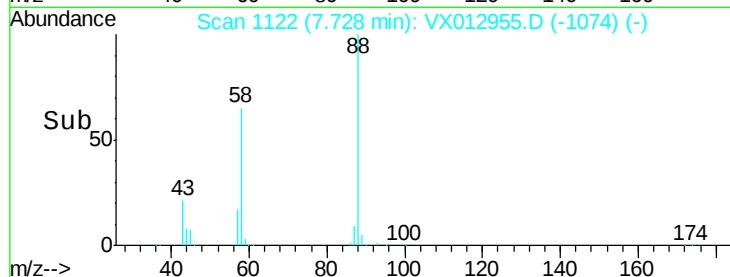
58 71.2 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.462 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012955.D

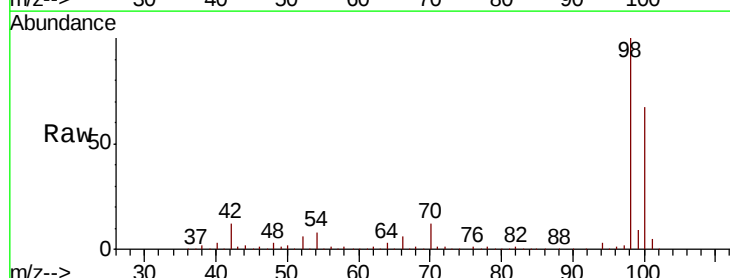
Acq: 09 Oct 2019 20:01

Tgt Ion: 98 Resp: 324531

Ion Ratio Lower Upper

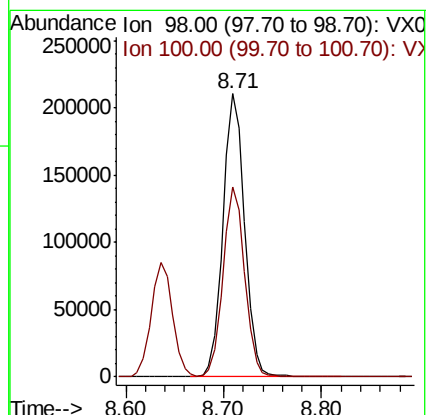
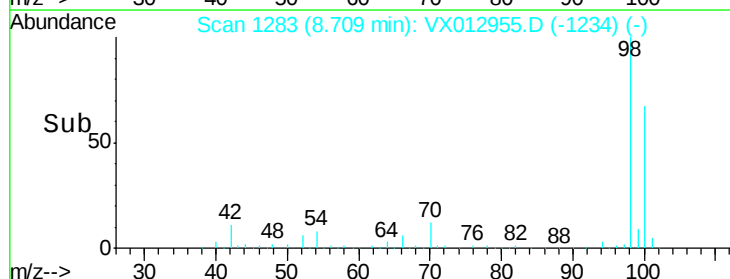
98 100

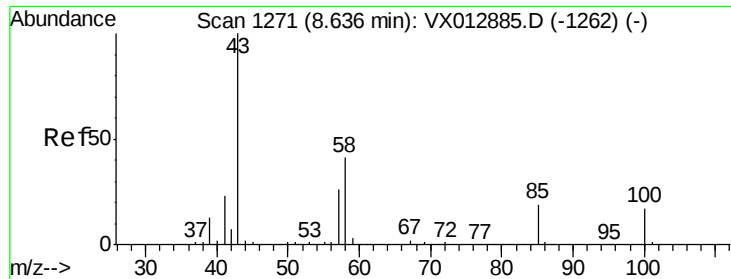
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 262.688 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

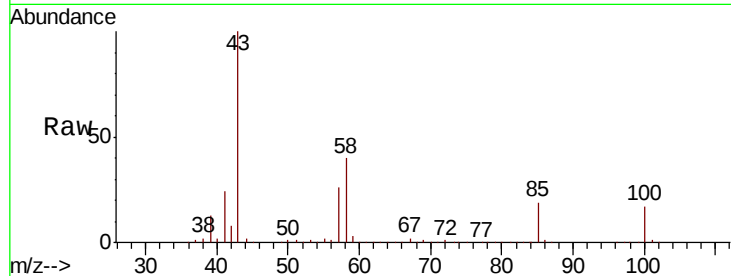
VSTDCCC050EC

Tot Ion: 43 Resp: 757480

Ion Ratio Lower Upper

43 100

58 40.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

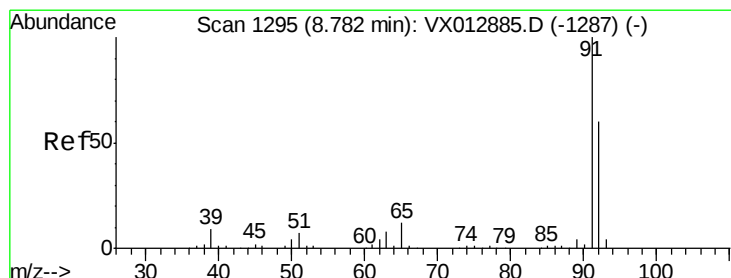
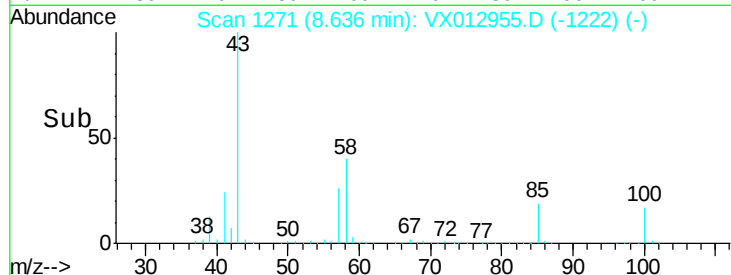
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.065 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012955.D

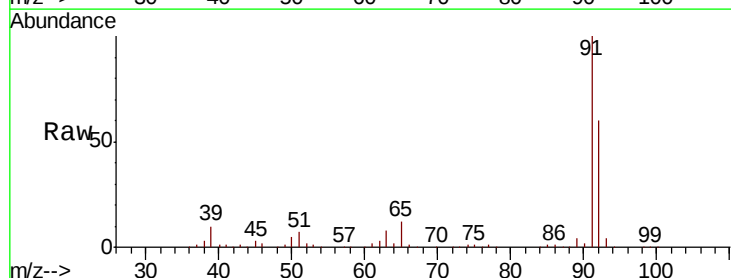
Acq: 09 Oct 2019 20:01

Tgt Ion: 92 Resp: 253521

Ion Ratio Lower Upper

92 100

91 167.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

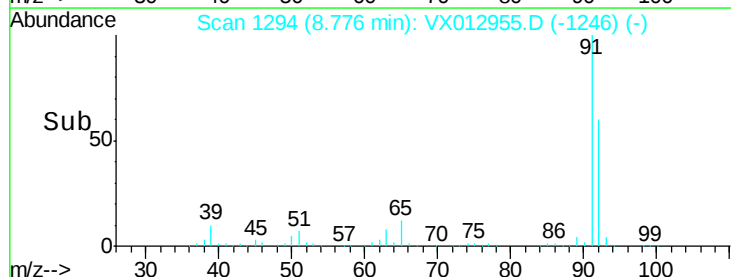
150000

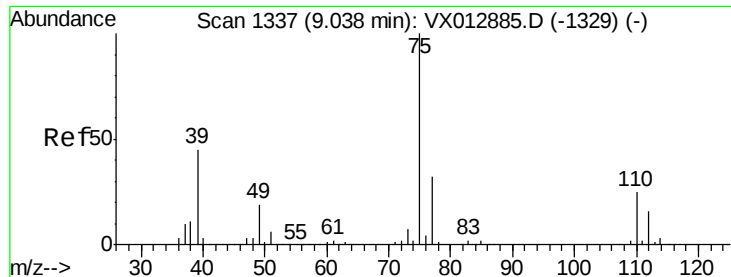
100000

50000

0

Time-->

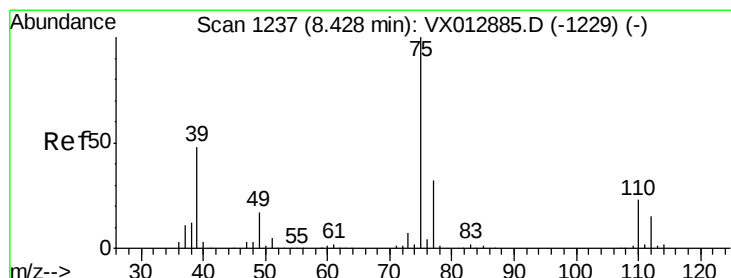
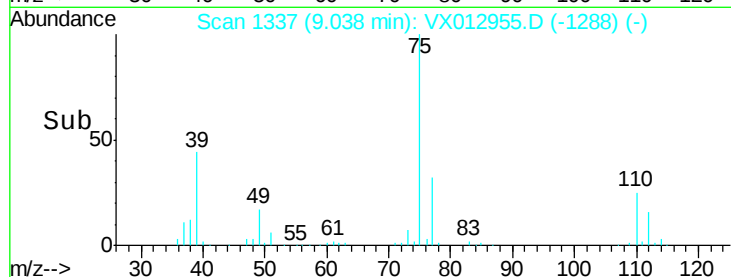
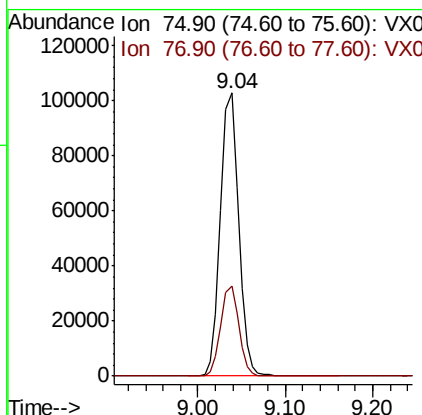
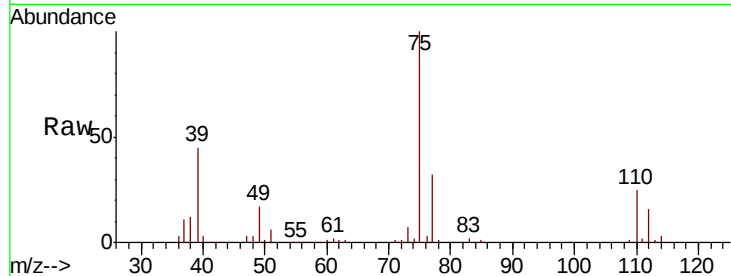




#53  
 t-1,3-Dichloropropene  
 Concen: 47.520 ug/l  
 RT: 9.04 min Scan# 1337  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

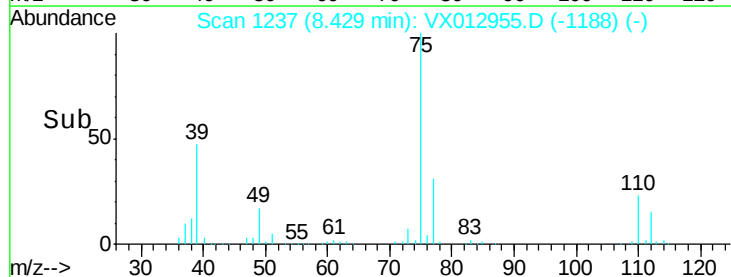
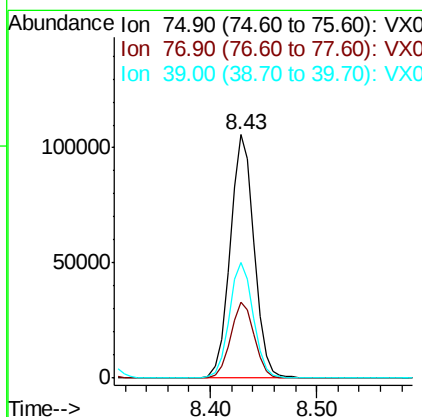
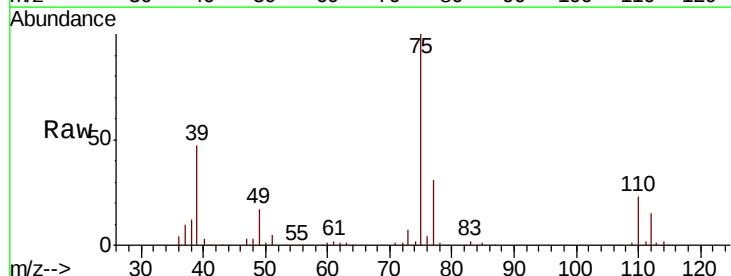
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

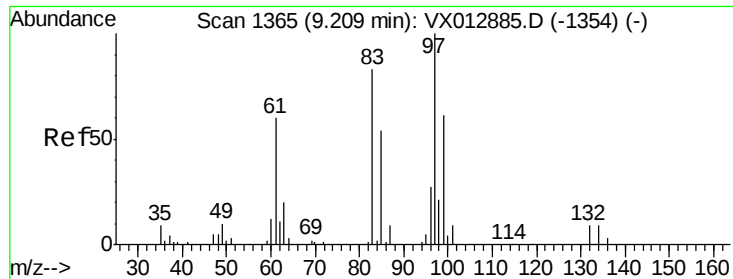
Tot Ion: 75 Resp: 149219  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.593 ug/l  
 RT: 8.43 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion: 75 Resp: 166249  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.8 38.8  
 39 47.3 38.2 57.2

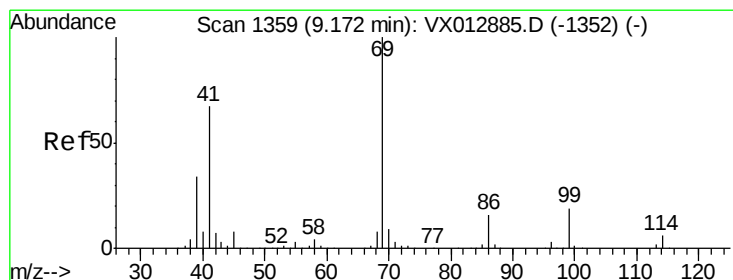
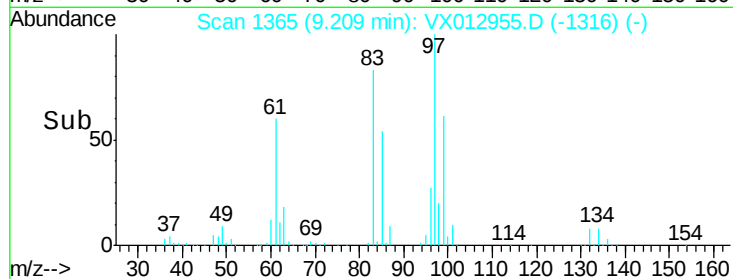
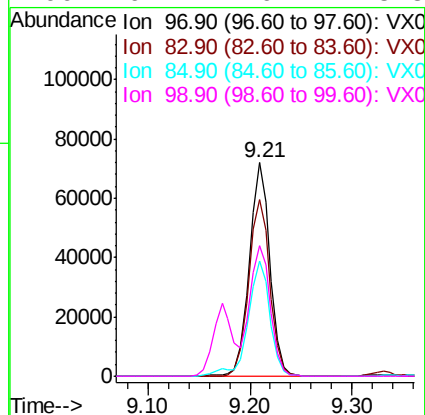
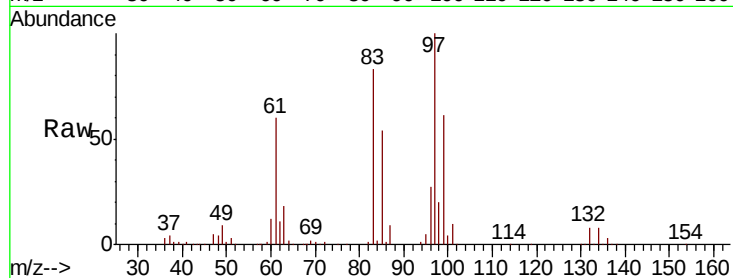




#55  
 1,1,2-Trichloroethane  
 Concen: 52.615 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

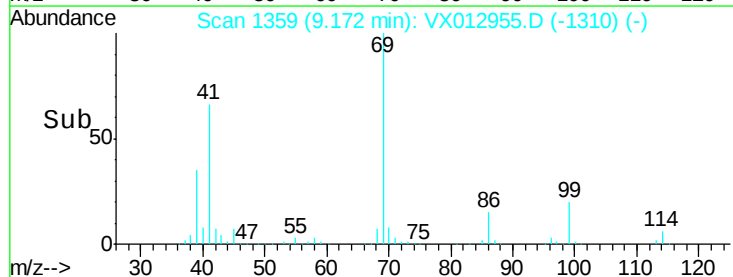
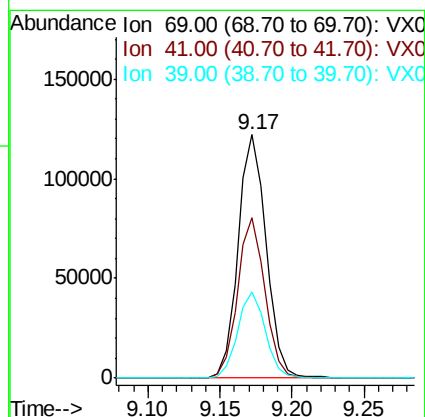
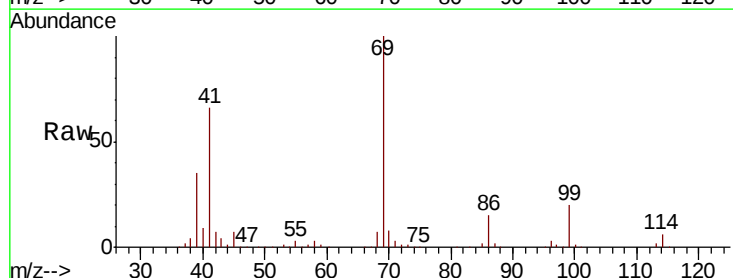
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

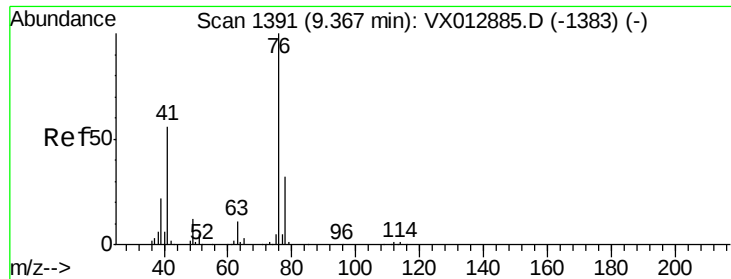
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 101388 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.6  | 66.5  | 99.7   |
| 85       | 54.1  | 43.1  | 64.7   |
| 99       | 61.4  | 49.2  | 73.8   |



#56  
 Ethyl methacrylate  
 Concen: 48.297 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 166432 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.9  | 52.1  | 78.1   |
| 39       | 35.1  | 27.8  | 41.8   |

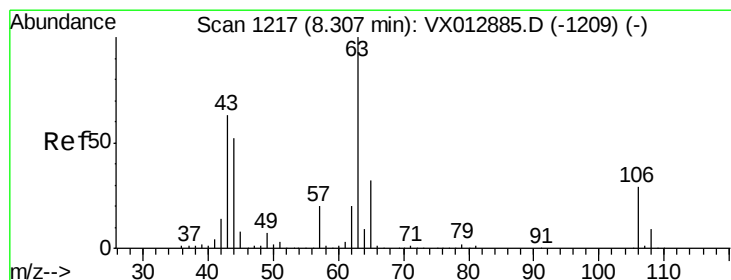
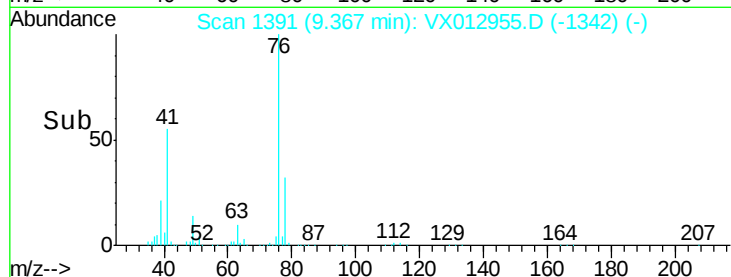
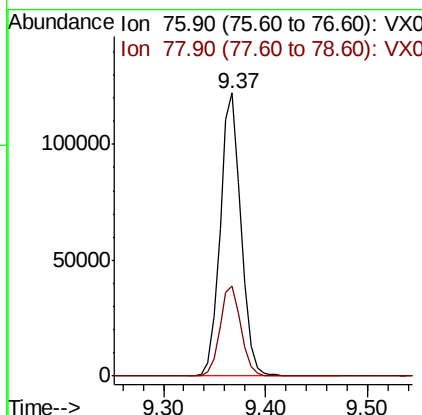
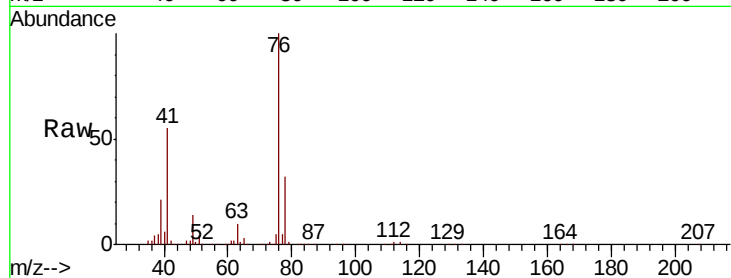




#57  
 1,3-Dichloropropane  
 Concen: 51.838 ug/l  
 RT: 9.37 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

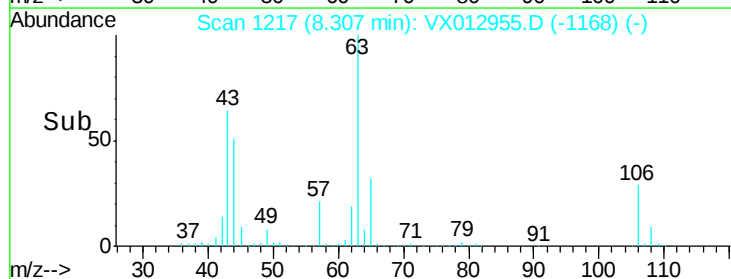
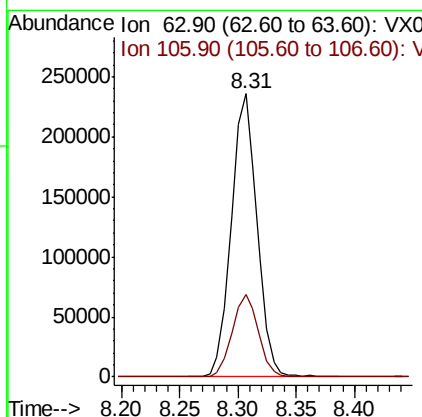
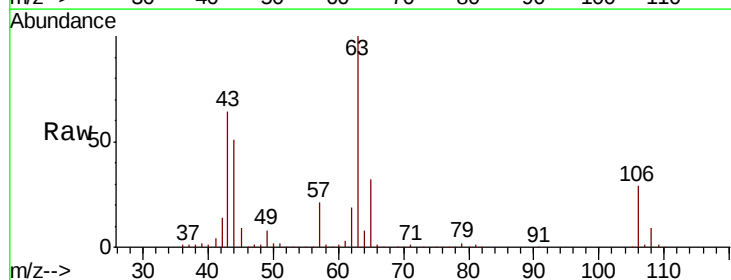
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

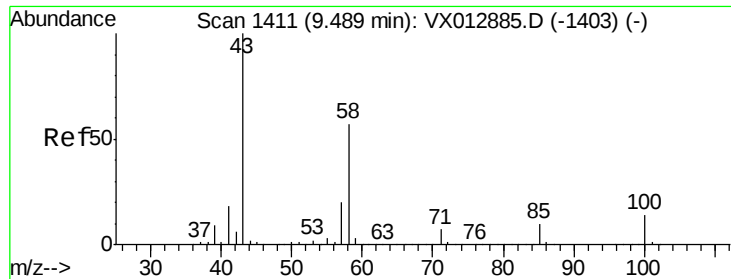
Tot Ion: 76 Resp: 172794  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 26.1 39.1



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 257.672 ug/l  
 RT: 8.31 min Scan# 1217  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion: 63 Resp: 364762  
 Ion Ratio Lower Upper  
 63 100  
 106 29.4 23.8 35.8

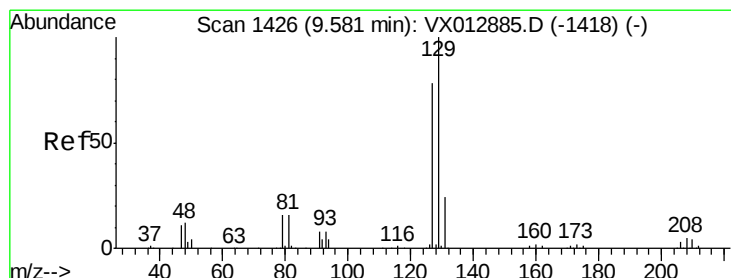
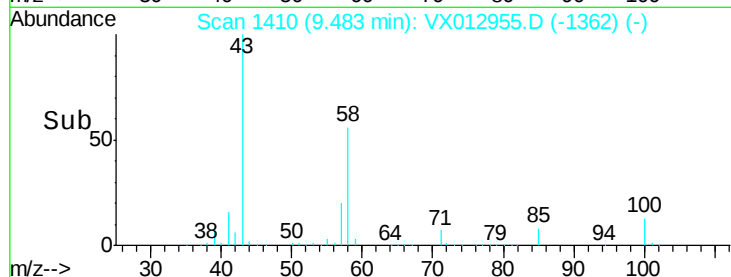
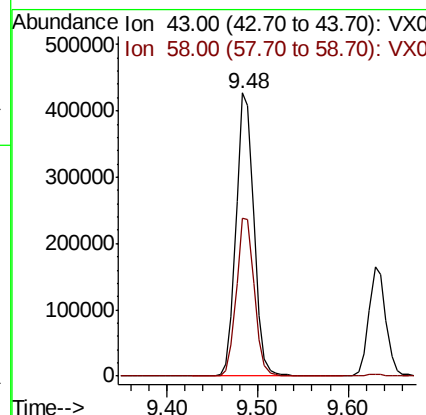
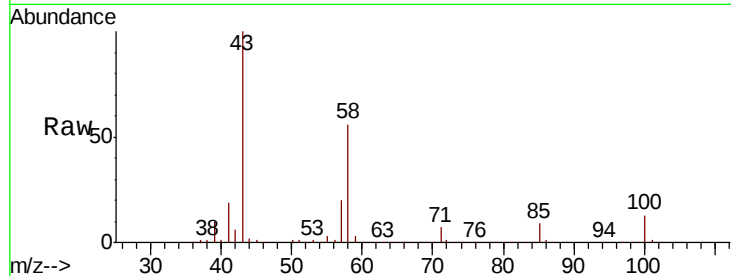




#59  
 2-Hexanone  
 Concen: 259.378 ug/l  
 RT: 9.48 min Scan# 1410  
 Delta R.T. -0.01 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

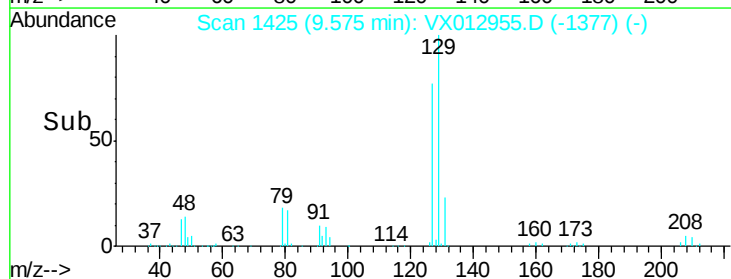
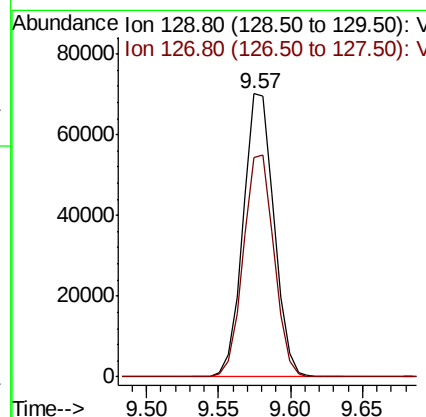
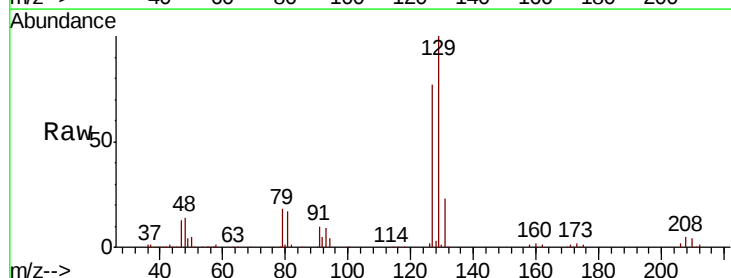
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

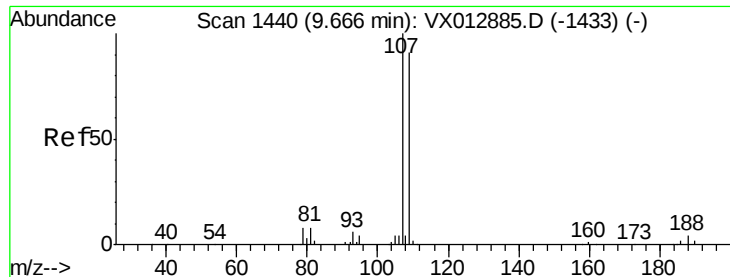
Tot Ion: 43 Resp: 582221  
 Ion Ratio Lower Upper  
 43 100  
 58 56.5 28.1 84.3



#60  
 Dibromochloromethane  
 Concen: 48.545 ug/l  
 RT: 9.57 min Scan# 1425  
 Delta R.T. -0.01 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion: 129 Resp: 103980  
 Ion Ratio Lower Upper  
 129 100  
 127 77.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.098 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

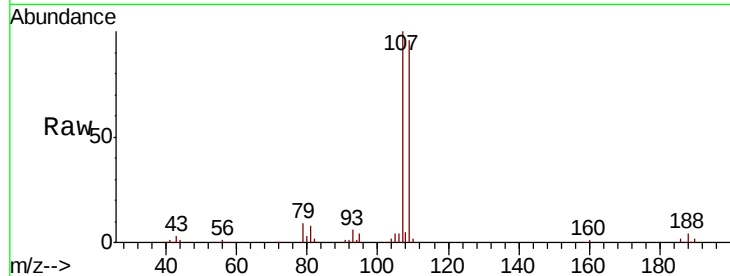
VSTDCCC050EC

Tot Ion:107 Resp: 105607

Ion Ratio Lower Upper

107 100

109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

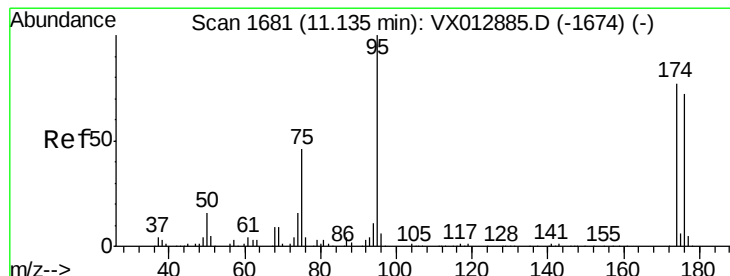
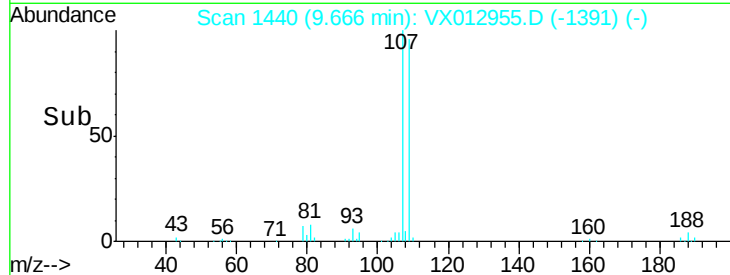
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.769 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

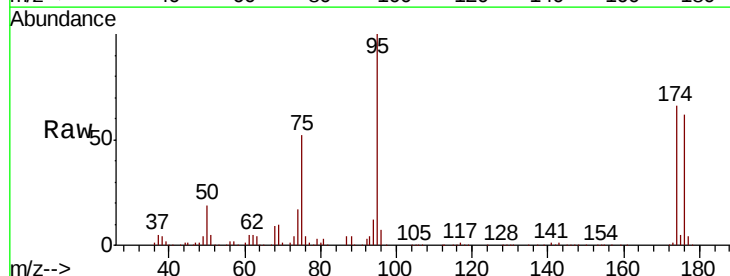
Tgt Ion: 95 Resp: 126881

Ion Ratio Lower Upper

95 100

174 71.7 0.0 143.4

176 69.3 0.0 136.0



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

120000

100000

80000

60000

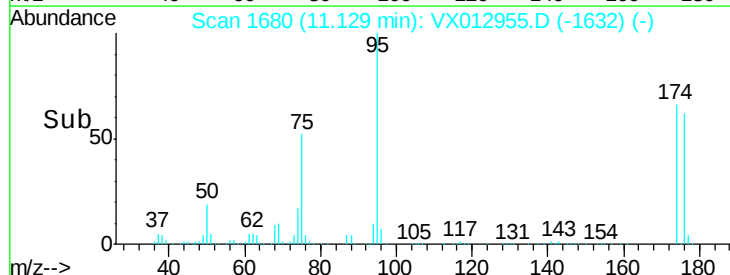
40000

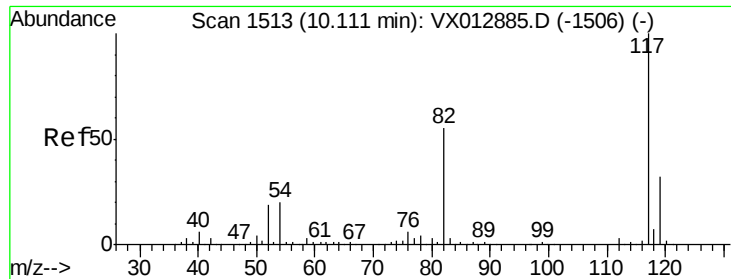
20000

0

11.05 11.10 11.15 11.20

Time-->

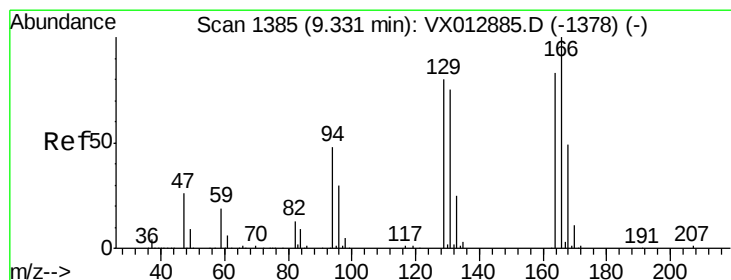
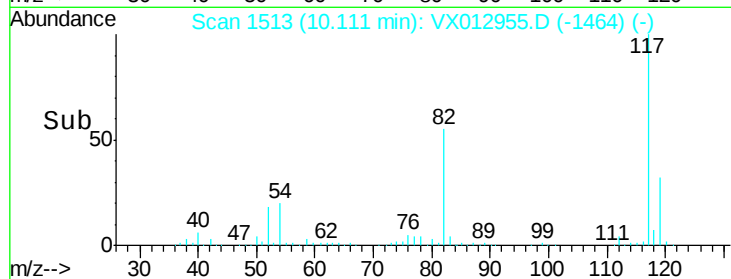
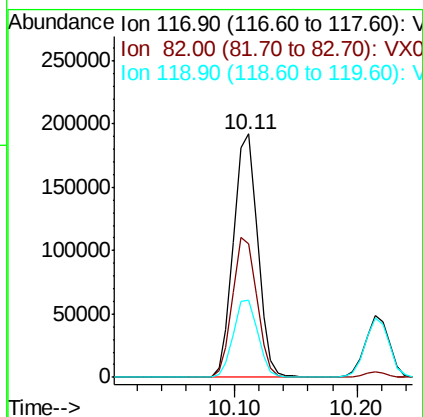
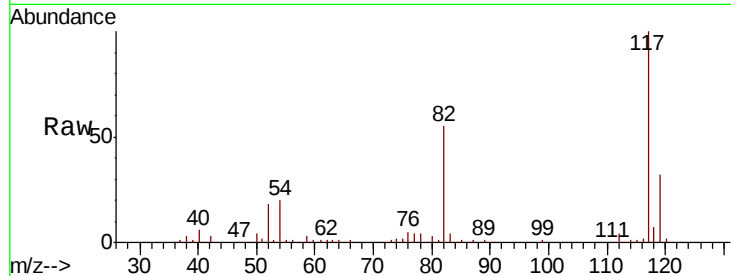




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

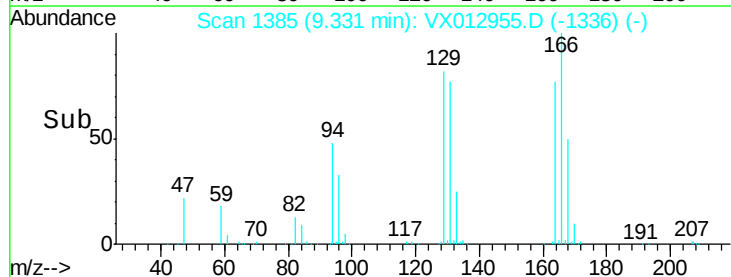
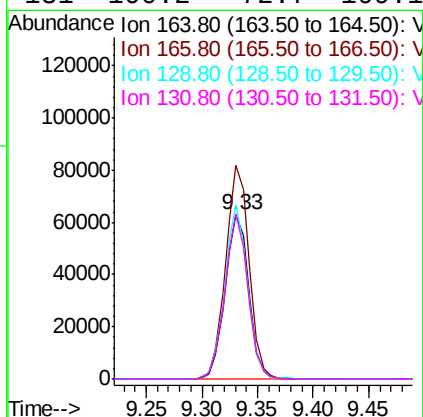
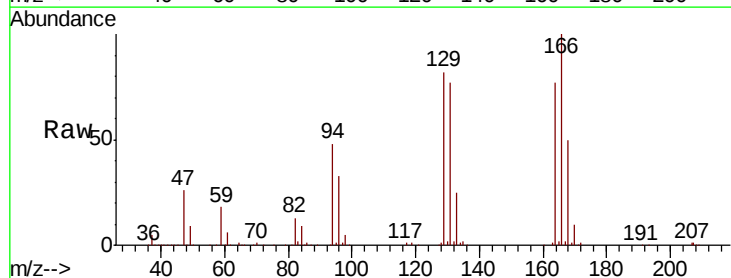
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

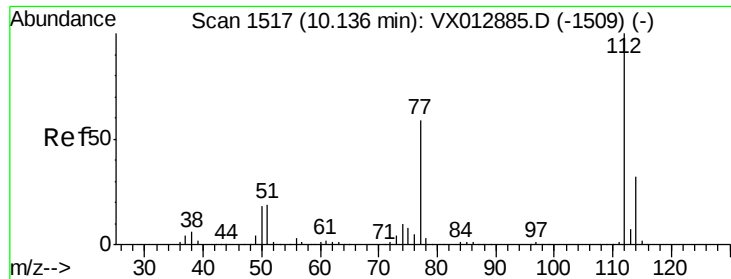
Tot Ion:117 Resp: 262664  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.1 66.1  
119 31.7 25.8 38.8



#64  
Tetrachloroethene  
Concen: 50.438 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion:164 Resp: 91889  
Ion Ratio Lower Upper  
164 100  
166 129.9 96.9 145.3  
129 106.1 77.9 116.9  
131 100.2 72.7 109.1

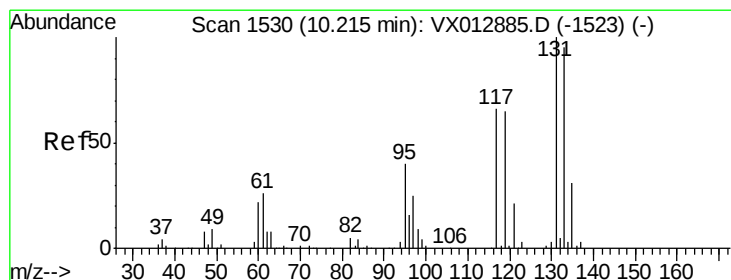
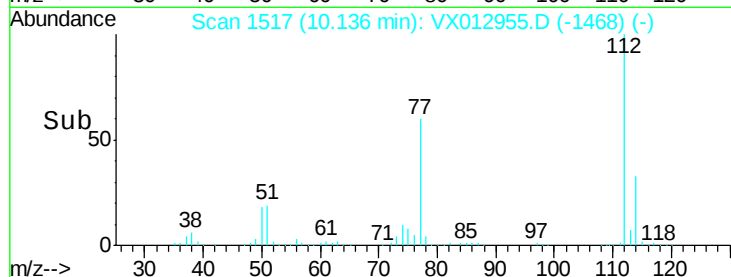
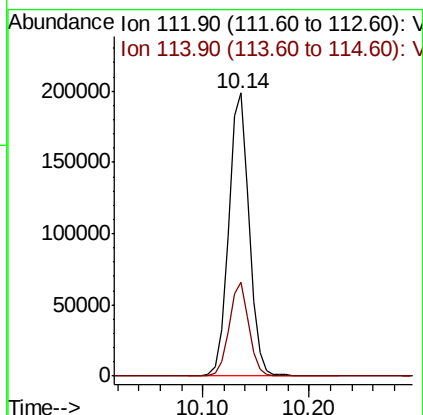
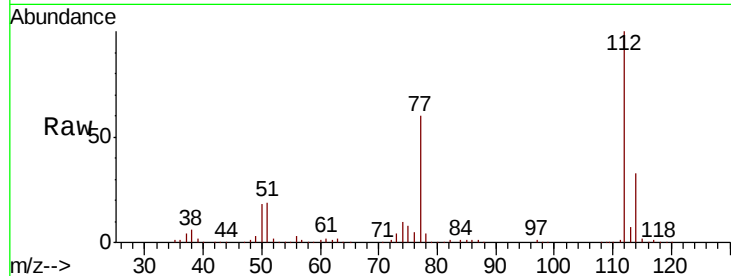




#65  
Chlorobenzene  
Concen: 51.243 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

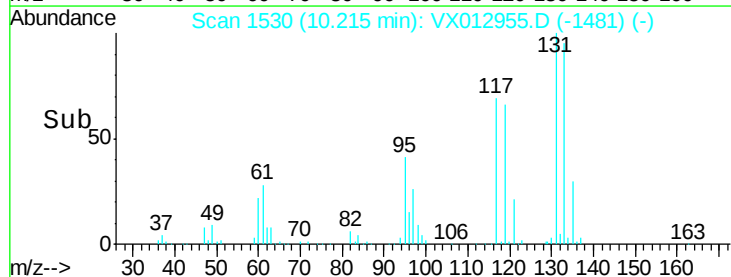
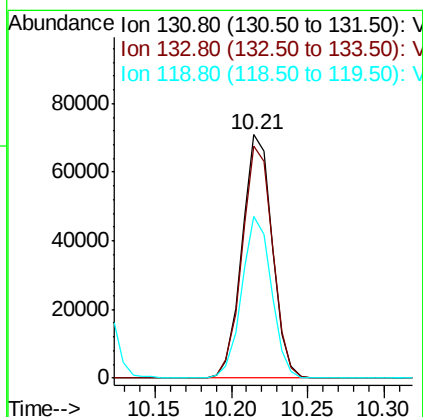
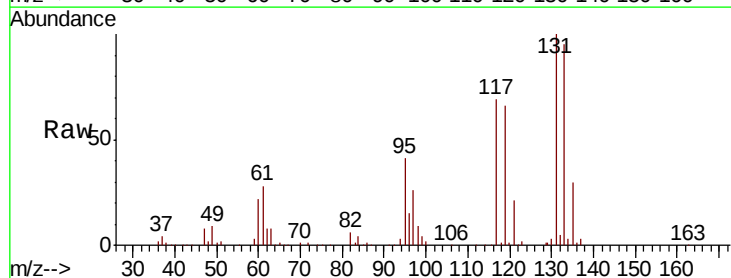
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

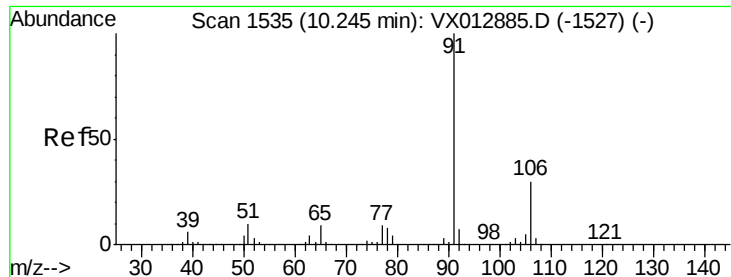
Tot Ion:112 Resp: 267286  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.530 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion:131 Resp: 96811  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.2 141.6  
119 65.7 32.6 98.0

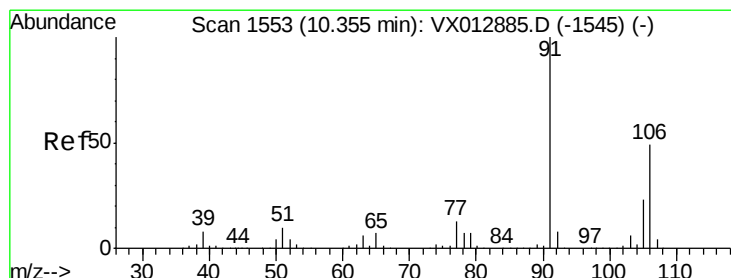
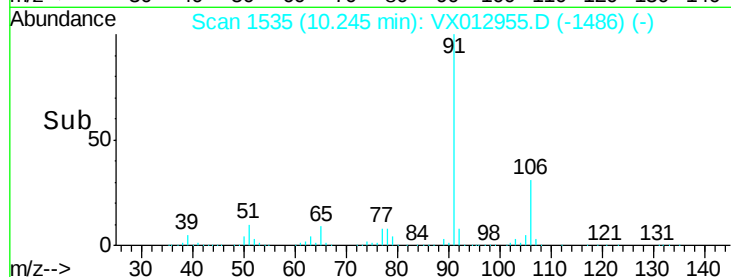
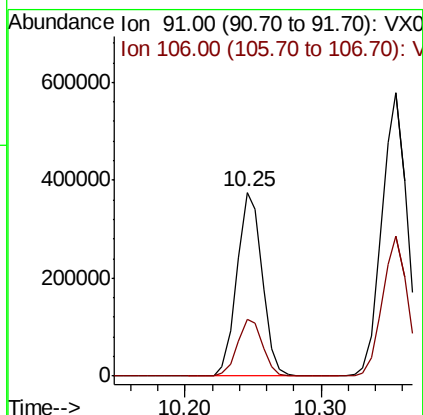
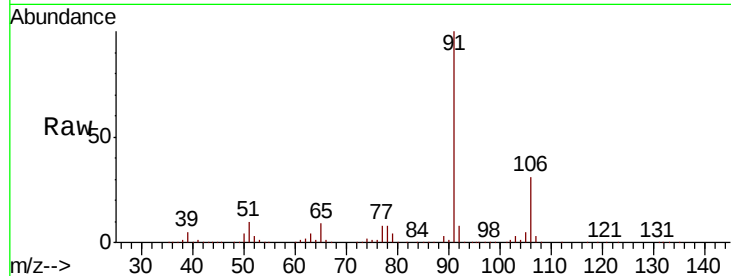




#67  
Ethyl Benzene  
Concen: 52.486 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

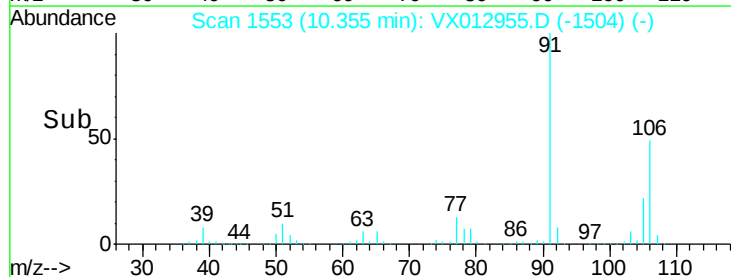
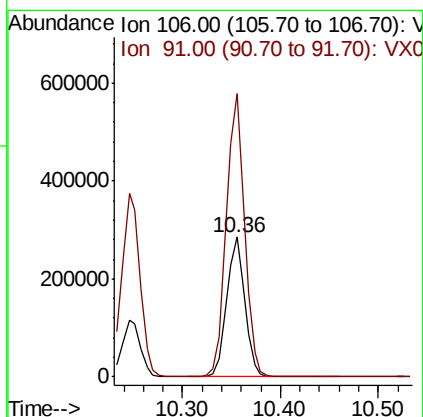
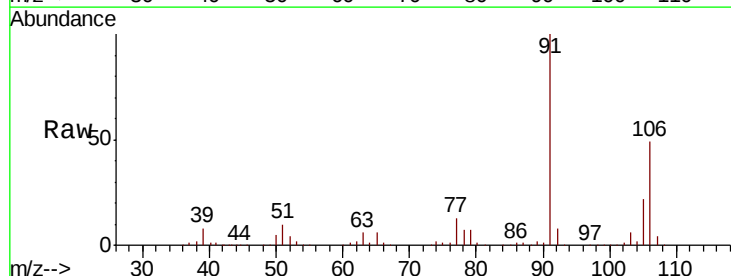
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050EC

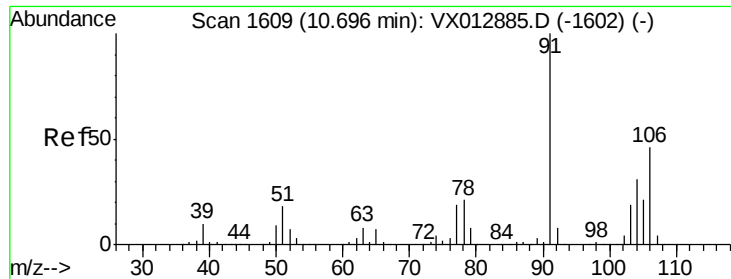
Tot Ion: 91 Resp: 486294  
Ion Ratio Lower Upper  
91 100  
106 30.8 23.9 35.9



#68  
m/p-Xylenes  
Concen: 106.088 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 106 Resp: 367207  
Ion Ratio Lower Upper  
106 100  
91 204.8 165.3 247.9

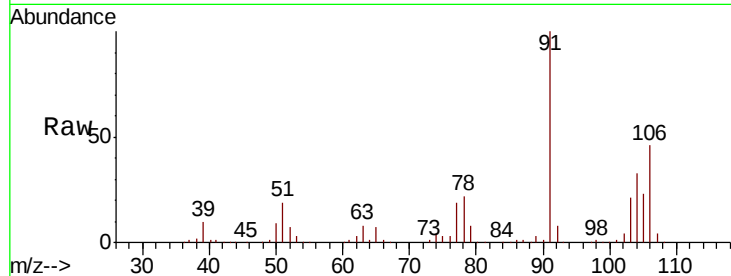




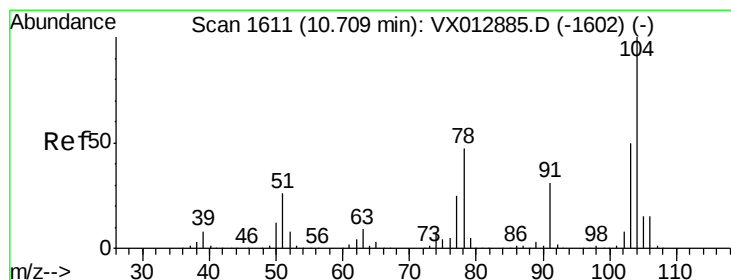
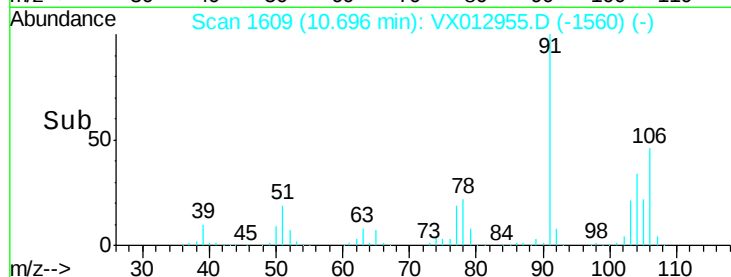
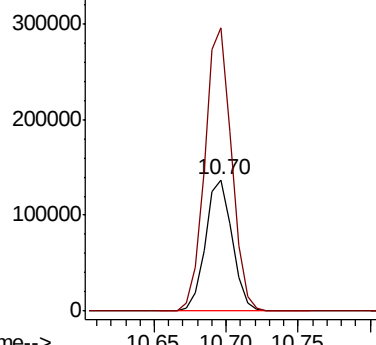
#69  
o-Xylene  
Concen: 52.559 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 177410  
Ion Ratio Lower Upper  
106 100  
91 216.4 109.1 327.3

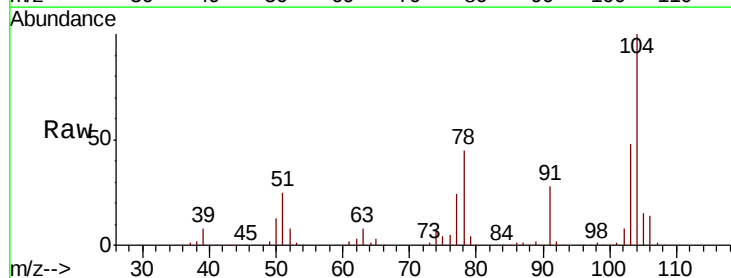


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

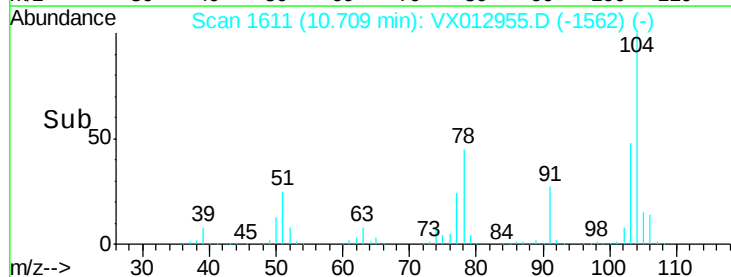
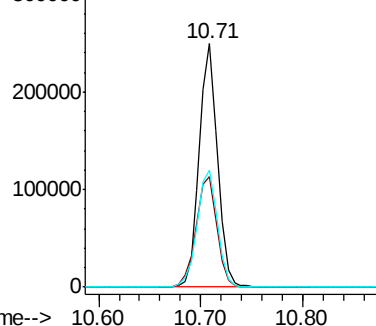


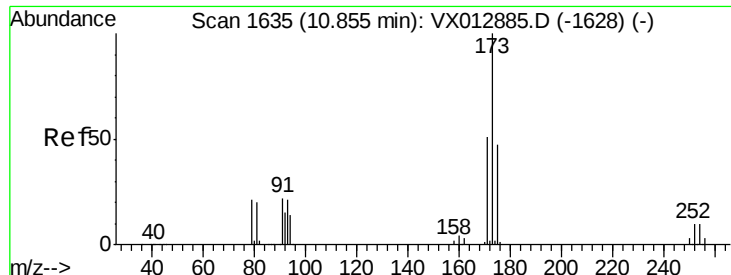
#70  
Styrene  
Concen: 53.664 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion:104 Resp: 307939  
Ion Ratio Lower Upper  
104 100  
78 52.0 41.2 61.8  
103 53.6 43.0 64.4



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





#71

Bromoform

Concen: 46.624 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

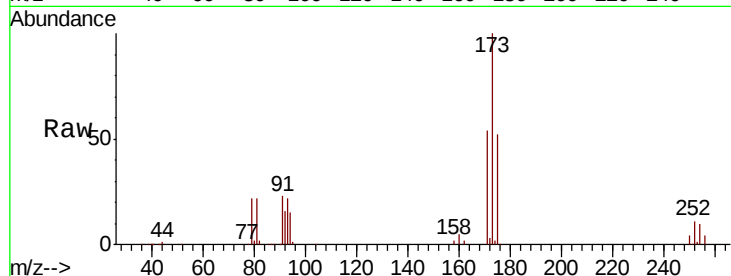
Tot Ion:173 Resp: 71485

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

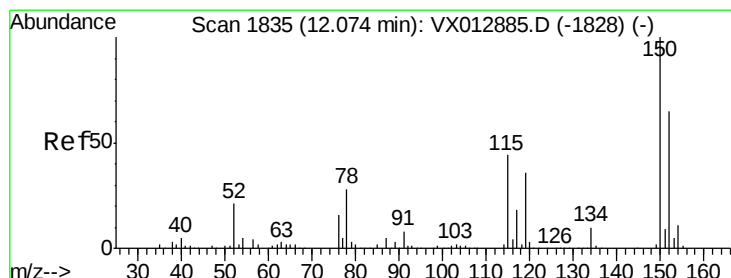
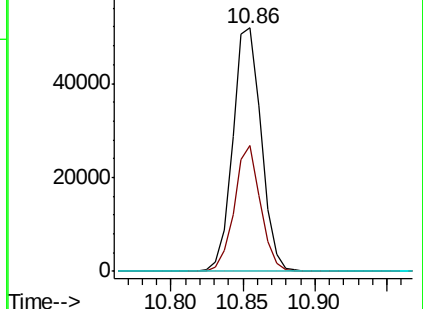
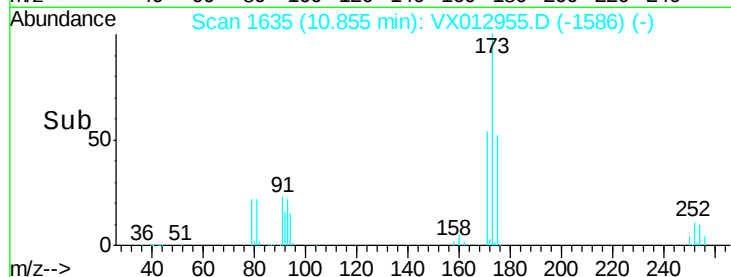
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

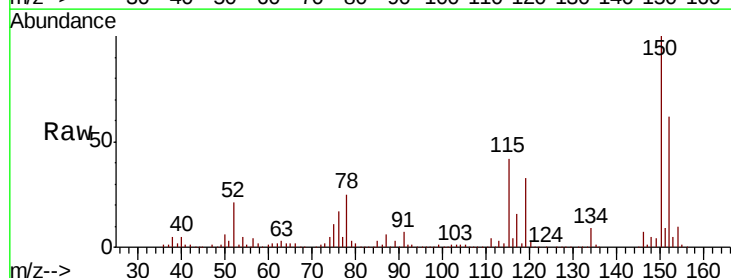
Tgt Ion:152 Resp: 122261

Ion Ratio Lower Upper

152 100

115 89.4 44.5 133.5

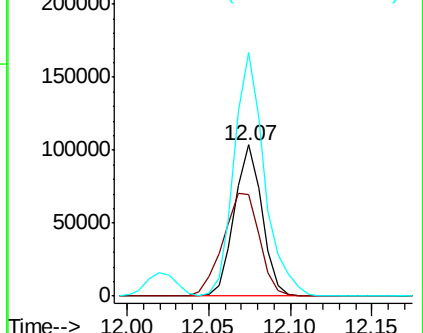
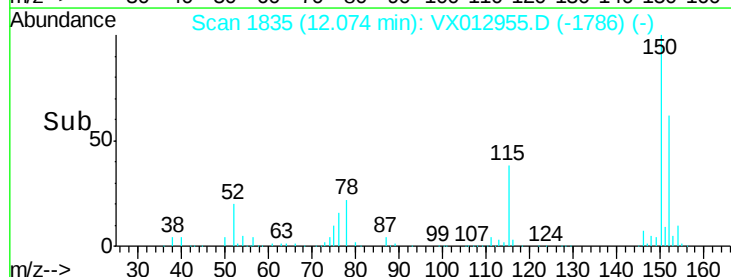
150 177.3 0.0 353.4

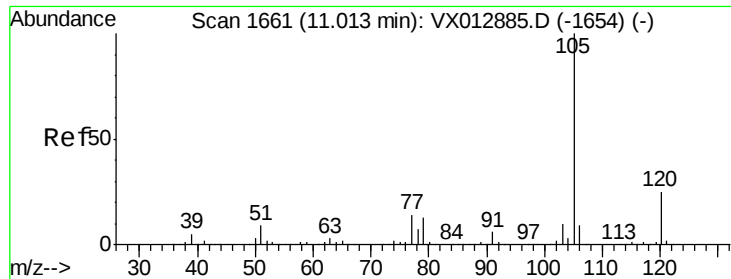


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

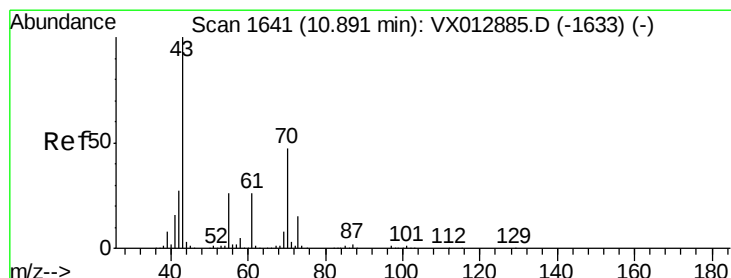
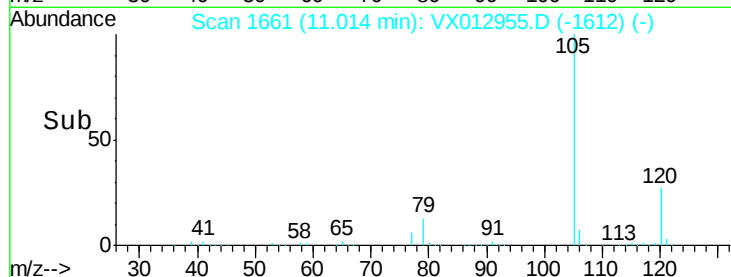
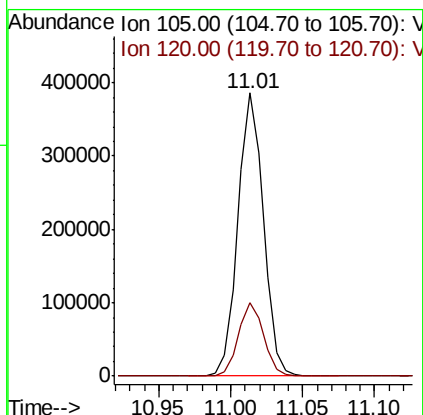
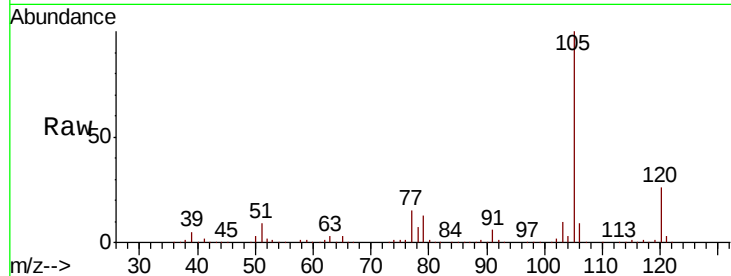




#73  
Isopropylbenzene  
Concen: 52.937 ug/l  
RT: 11.01 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

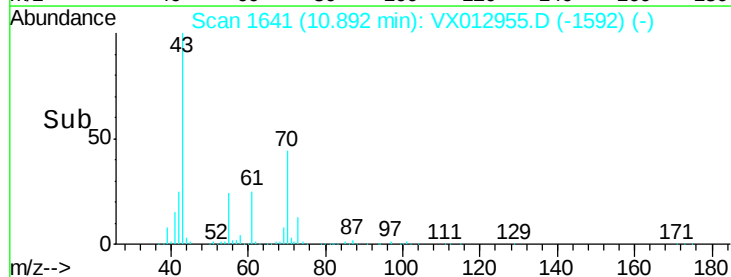
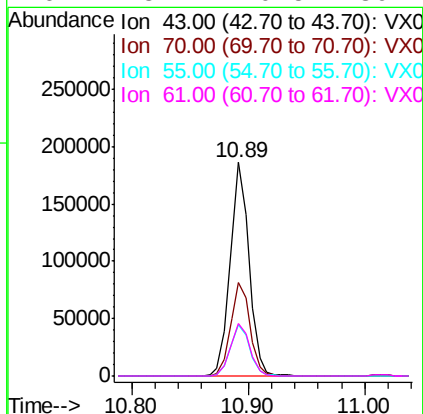
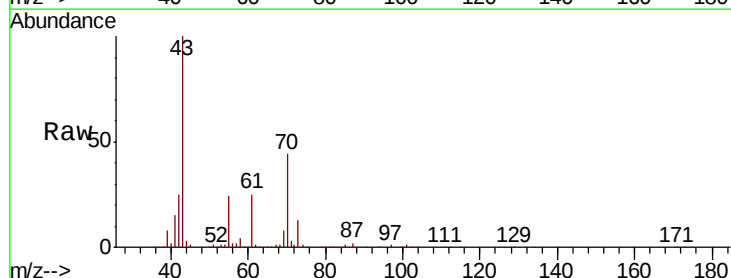
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

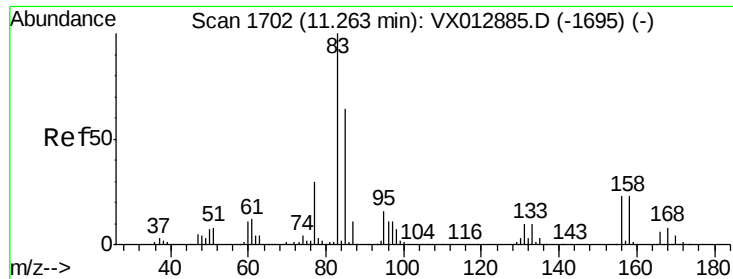
Tot Ion:105 Resp: 475841  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.0 39.0



#74  
N-ethyl acetate  
Concen: 54.501 ug/l  
RT: 10.89 min Scan# 1641  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 43 Resp: 210989  
Ion Ratio Lower Upper  
43 100  
70 45.0 36.4 54.6  
55 24.8 20.2 30.2  
61 25.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.268 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

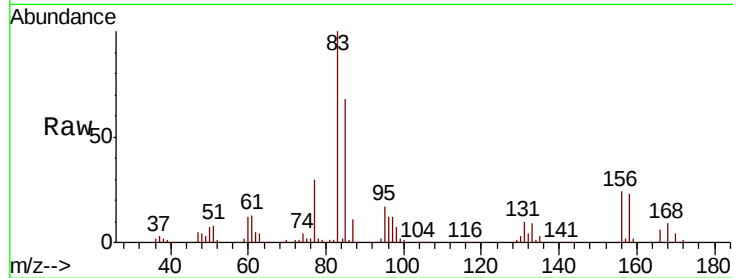
Tot Ion: 83 Resp: 156267

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

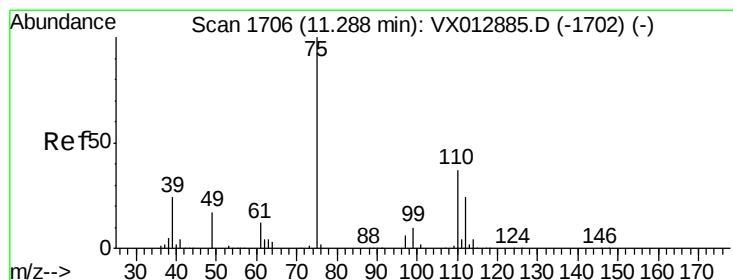
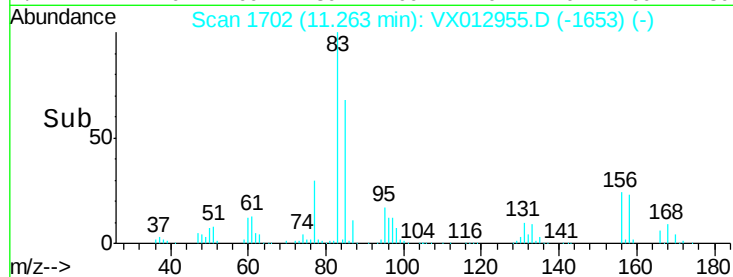
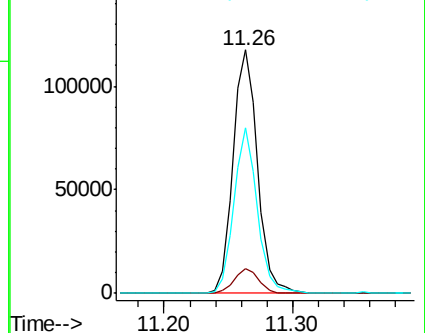
85 65.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.322 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012955.D

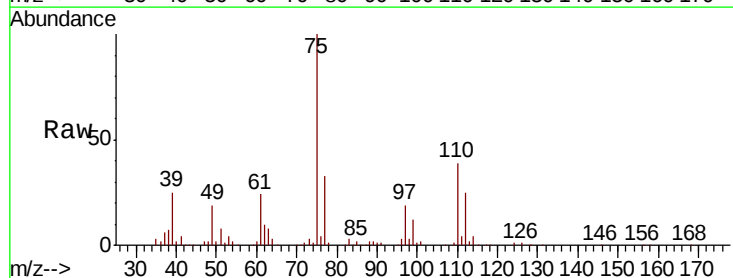
Acq: 09 Oct 2019 20:01

Tgt Ion: 75 Resp: 182560

Ion Ratio Lower Upper

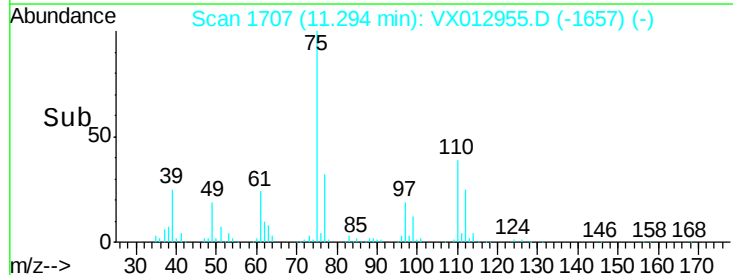
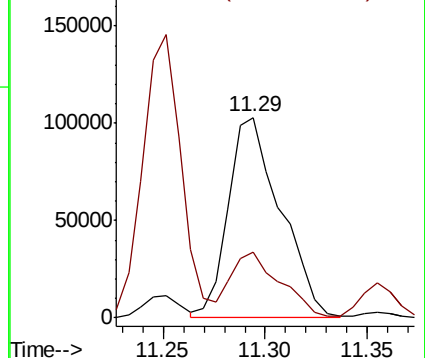
75 100

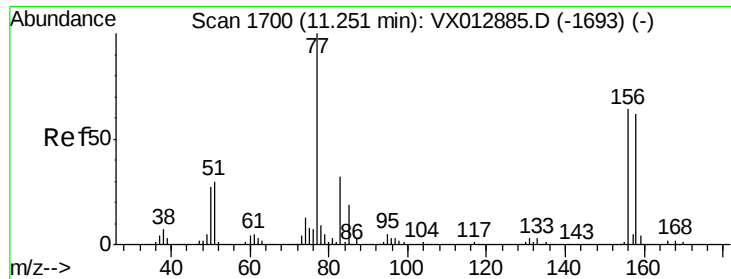
77 31.0 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.995 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

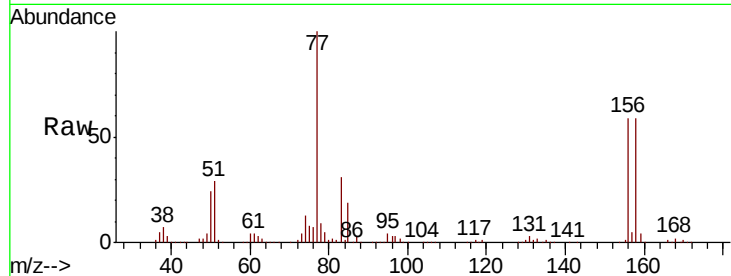
Tot Ion:156 Resp: 110135

Ion Ratio Lower Upper

156 100

77 173.2 83.7 251.0

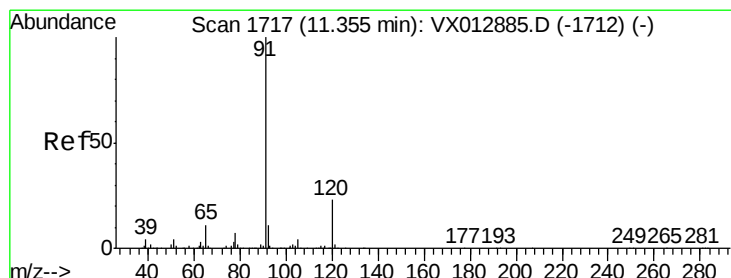
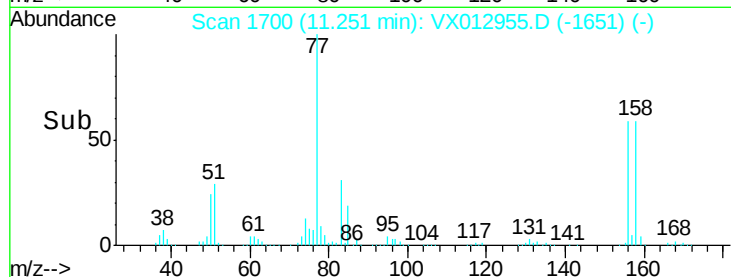
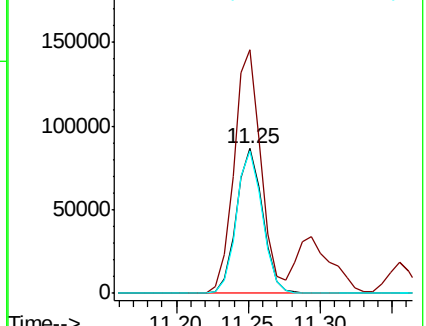
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.923 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012955.D

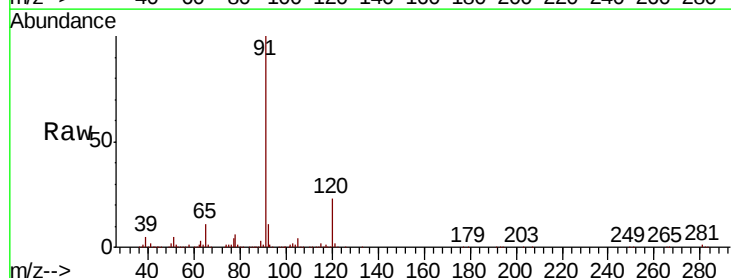
Acq: 09 Oct 2019 20:01

Tgt Ion: 91 Resp: 533353

Ion Ratio Lower Upper

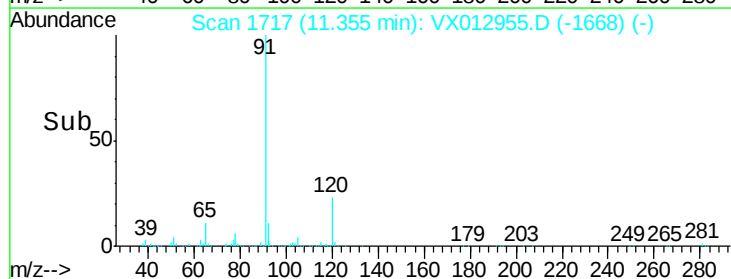
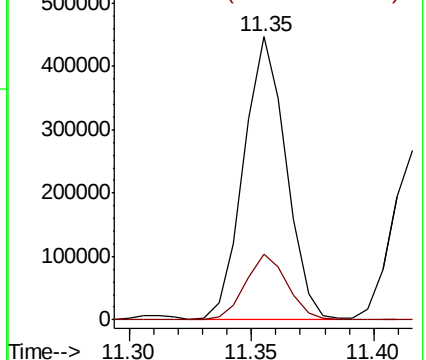
91 100

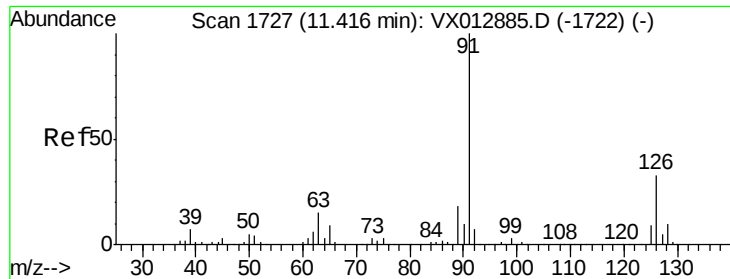
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

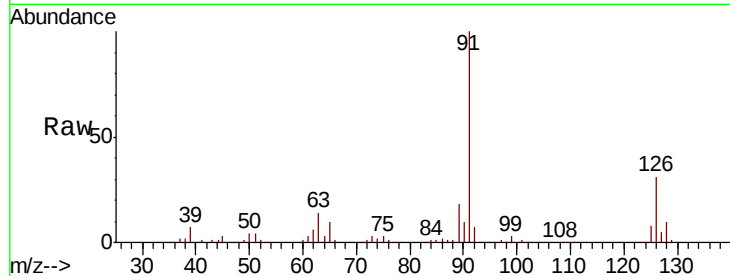




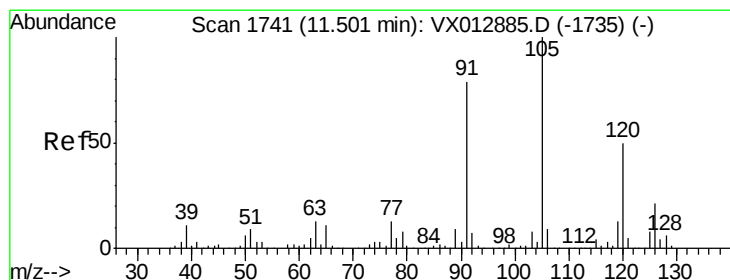
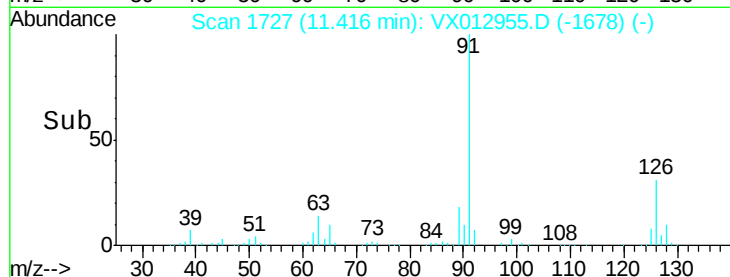
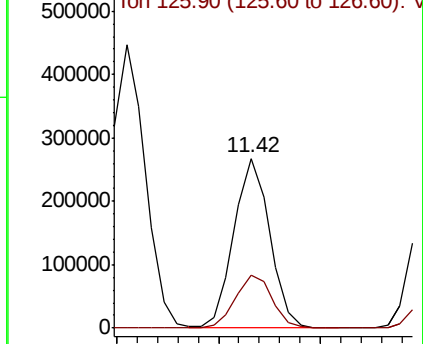
#79  
 2-Chlorotoluene  
 Concen: 52.280 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 91 Resp: 324986  
 Ion Ratio Lower Upper  
 91 100  
 126 32.4 16.3 48.8

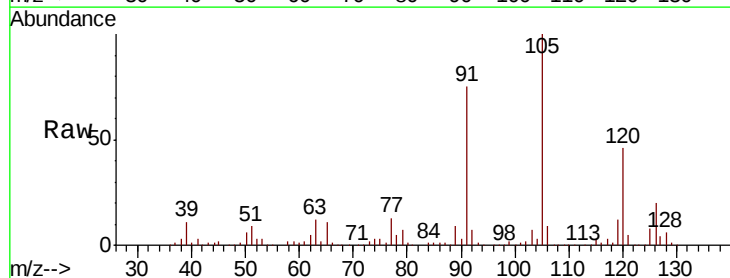


Abundance Ion 91.00 (90.70 to 91.70): VX012885.D (-1722) (-)  
 Ion 125.90 (125.60 to 126.60): VX012885.D (-1722) (-)

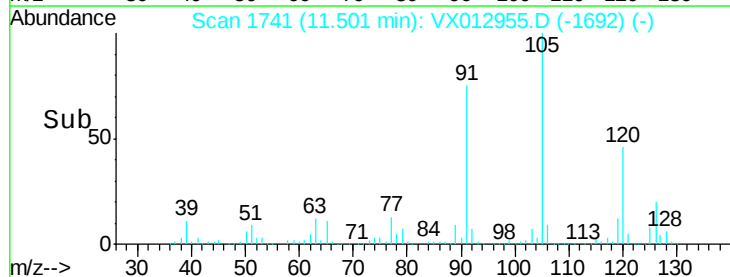
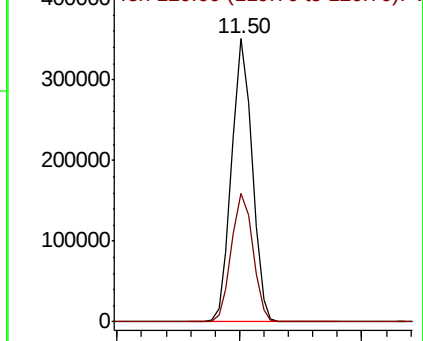


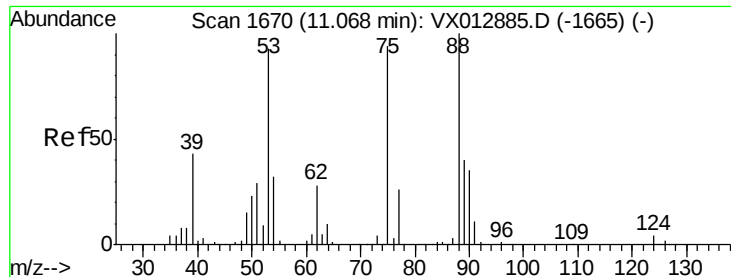
#80  
 1,3,5-Trimethylbenzene  
 Concen: 54.060 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion: 105 Resp: 405761  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX012885.D (-1735) (-)  
 Ion 120.00 (119.70 to 120.70): VX012885.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.900 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

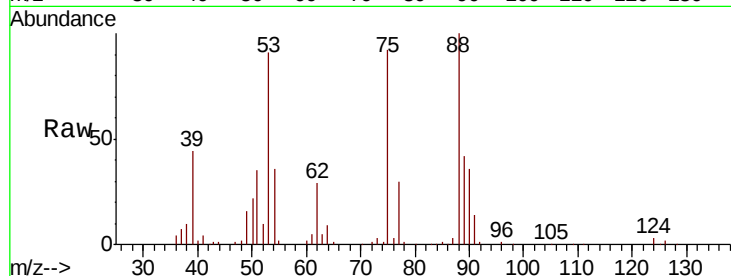
Tot Ion: 75 Resp: 49167

Ion Ratio Lower Upper

75 100

53 96.7 78.5 117.7

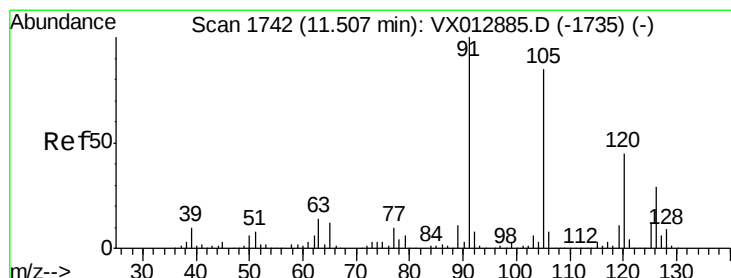
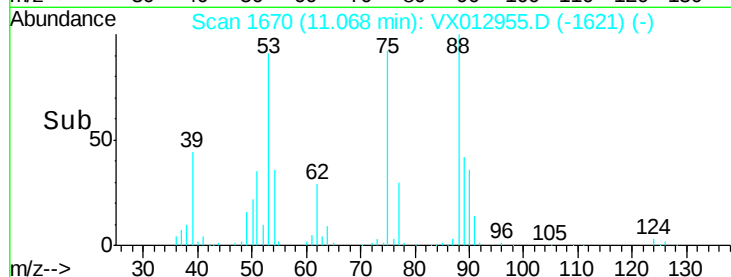
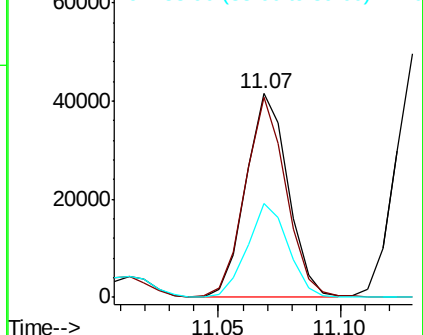
89 45.5 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.333 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012955.D

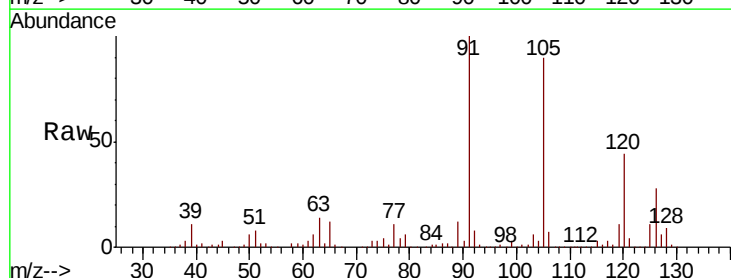
Acq: 09 Oct 2019 20:01

Tgt Ion: 91 Resp: 379995

Ion Ratio Lower Upper

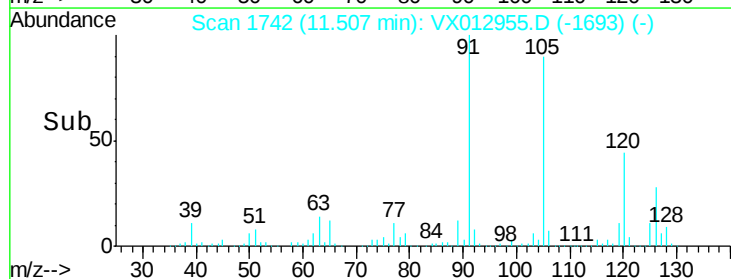
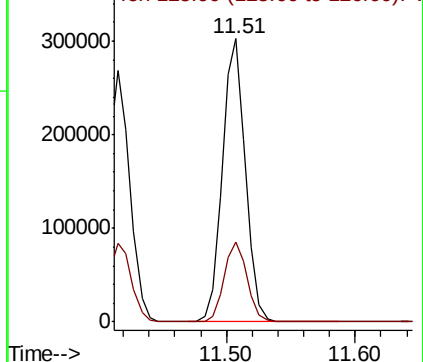
91 100

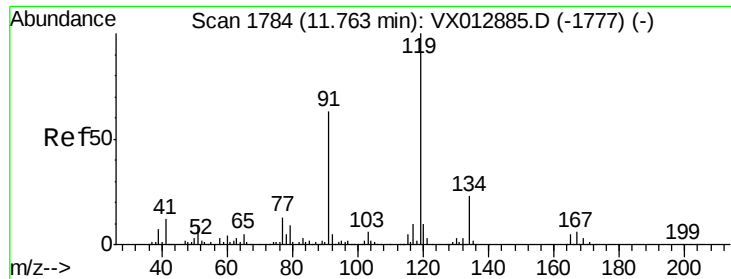
126 28.3 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

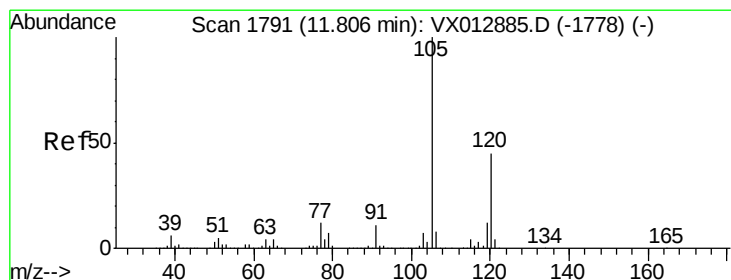
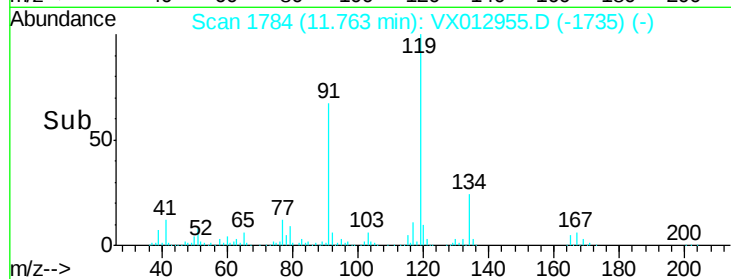
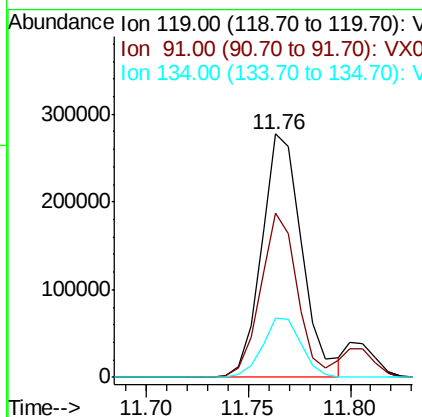
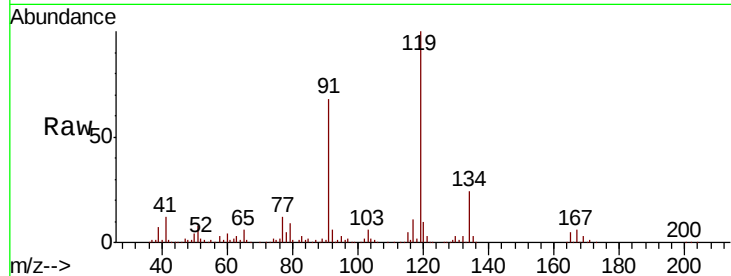




#83  
tert-Butylbenzene  
Concen: 52.108 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

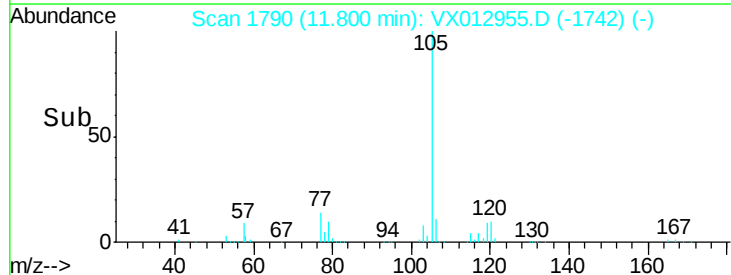
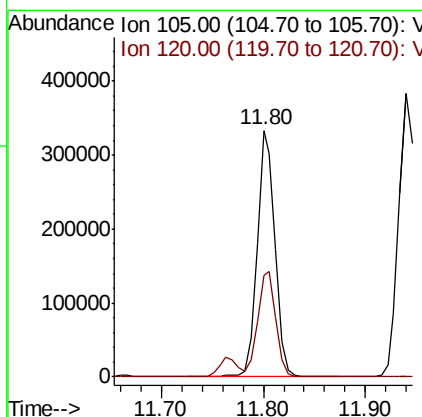
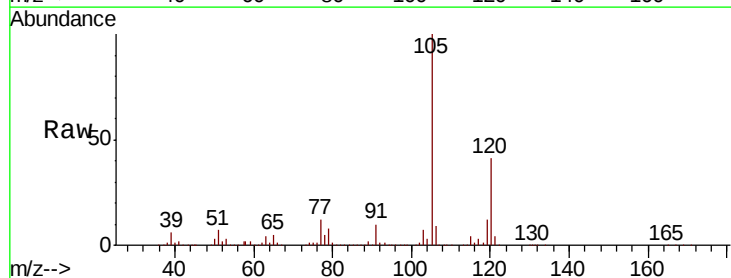
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

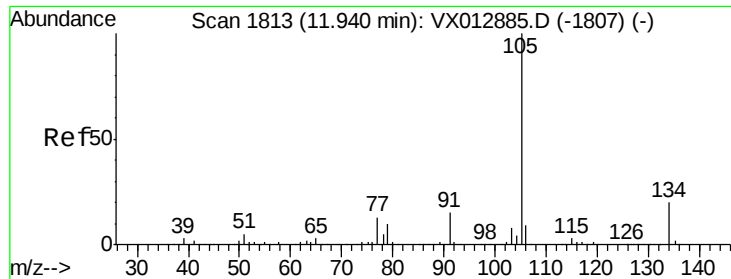
Tot Ion:119 Resp: 381523  
Ion Ratio Lower Upper  
119 100  
91 61.2 29.3 87.9  
134 23.4 11.5 34.4



#84  
1,2,4-Trimethylbenzene  
Concen: 53.778 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion:105 Resp: 408799  
Ion Ratio Lower Upper  
105 100  
120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 53.604 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

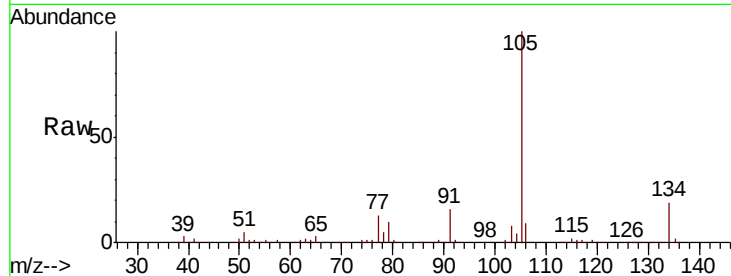
VSTDCCC050EC

Tot Ion:105 Resp: 454697

Ion Ratio Lower Upper

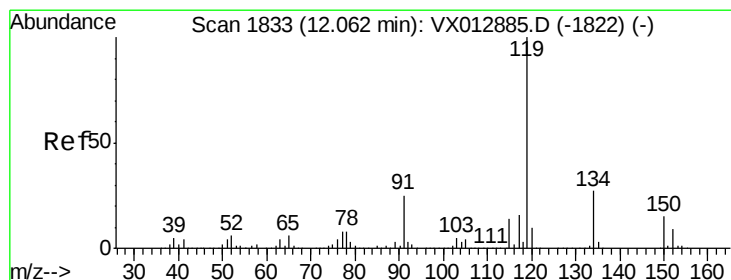
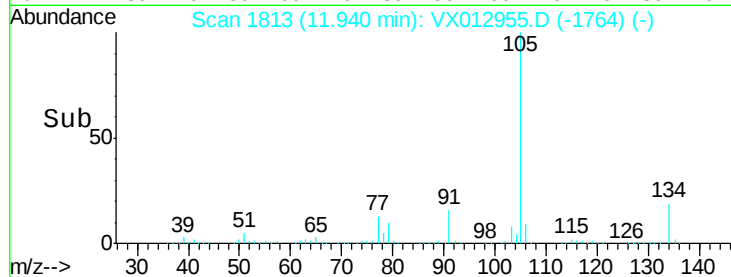
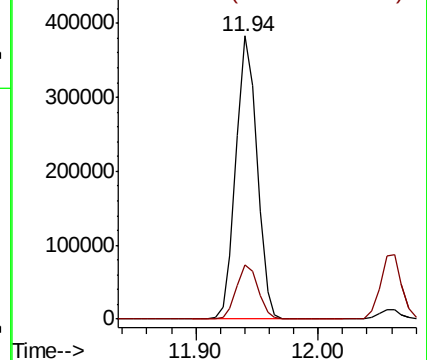
105 100

134 19.6 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.102 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

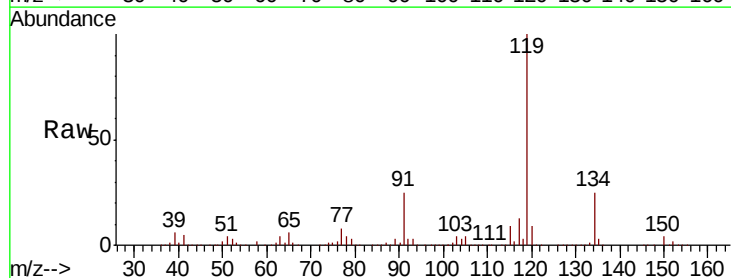
Tgt Ion:119 Resp: 425624

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

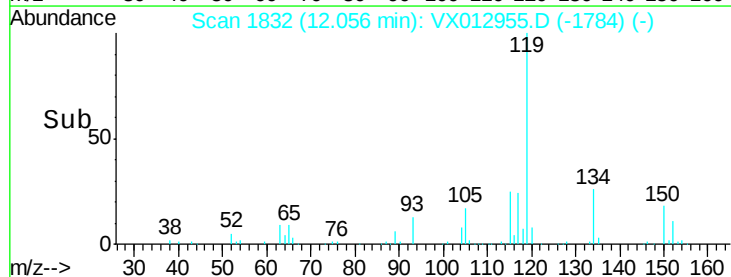
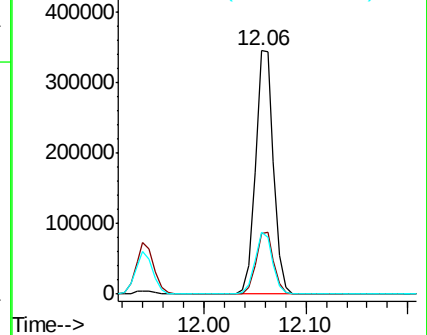
91 24.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

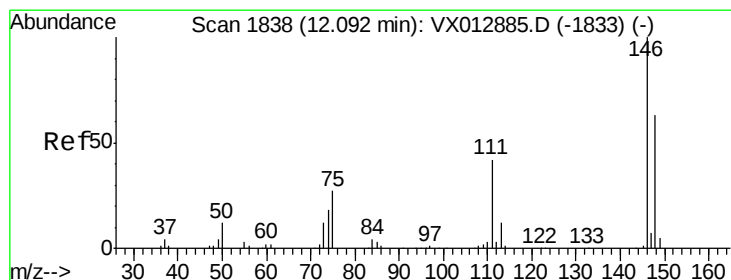
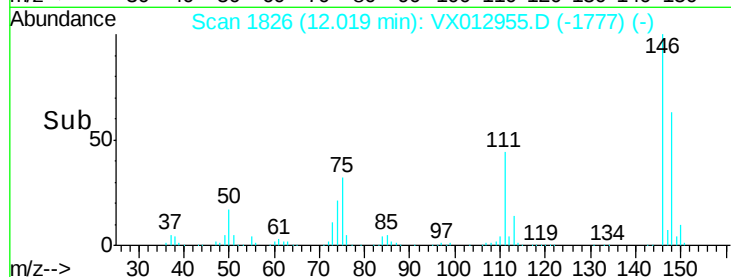
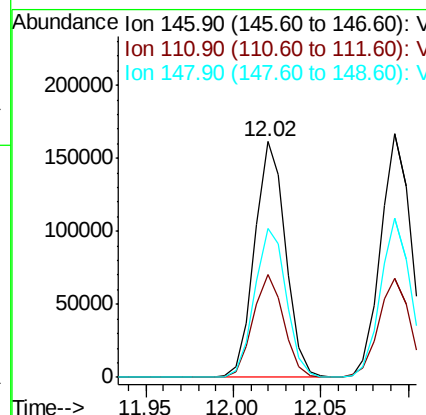
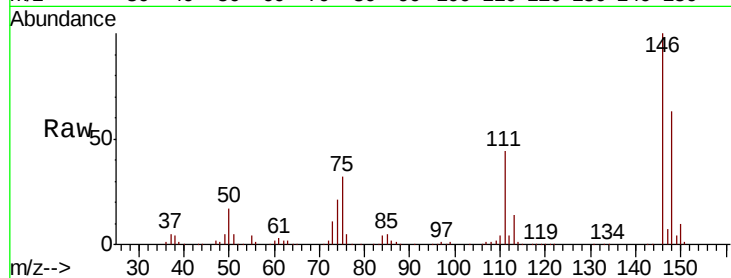




#87  
 1,3-Dichlorobenzene  
 Concen: 50.783 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

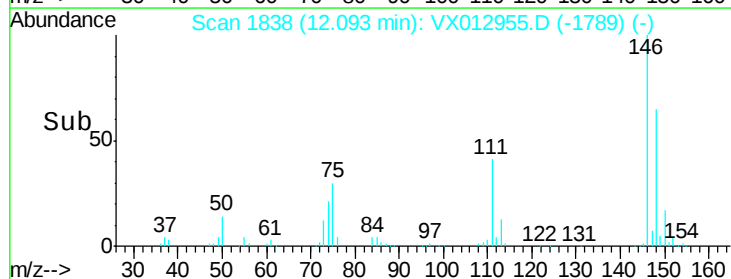
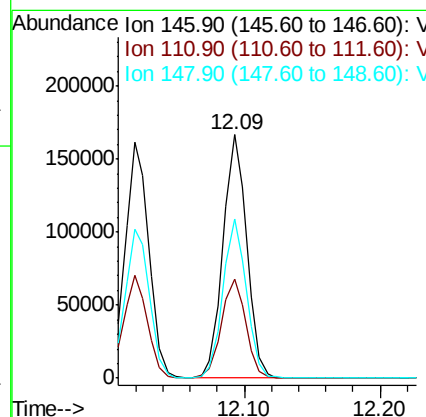
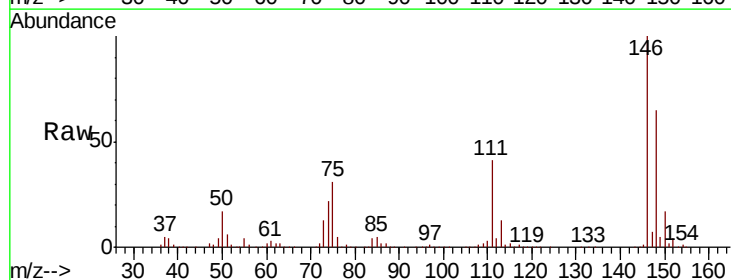
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

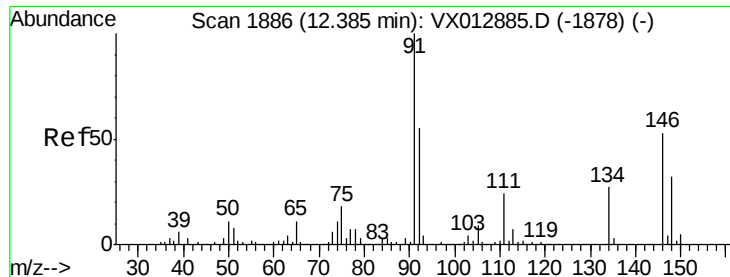
Tot Ion:146 Resp: 199757  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 21.1 63.4  
 148 64.7 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 50.714 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Tgt Ion:146 Resp: 202033  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 21.4 64.3  
 148 64.8 32.1 96.5

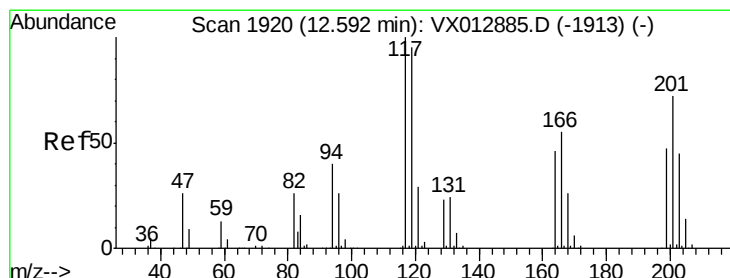
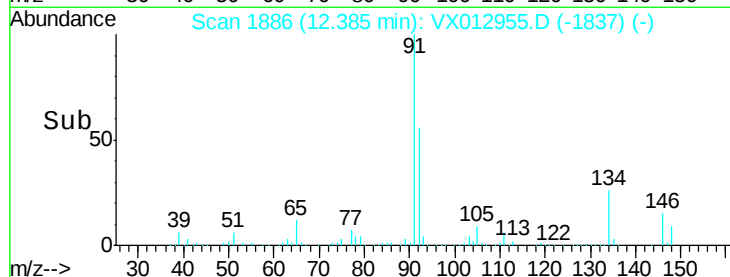
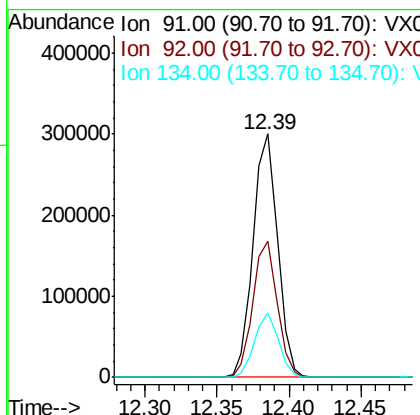
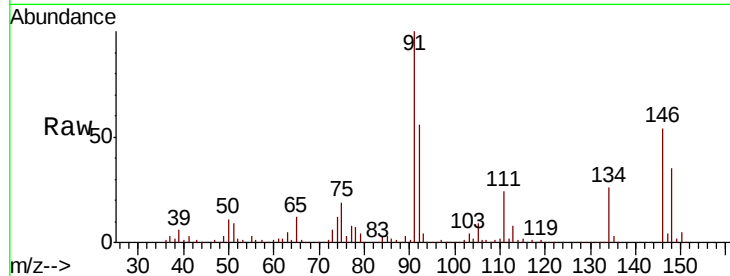




#89  
n-Butylbenzene  
Concen: 53.244 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

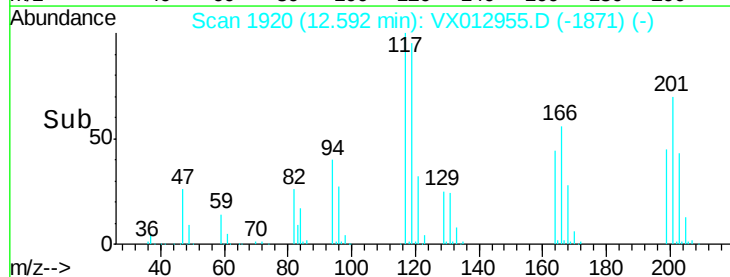
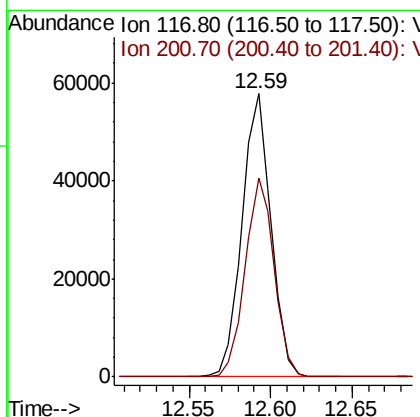
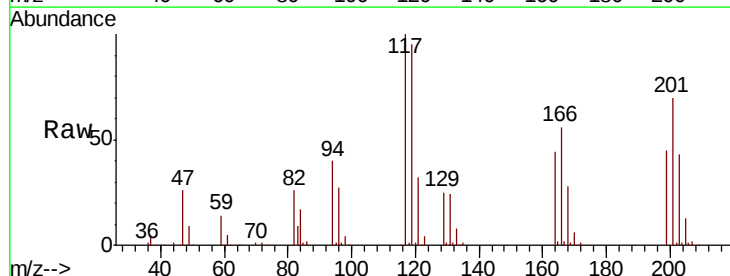
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

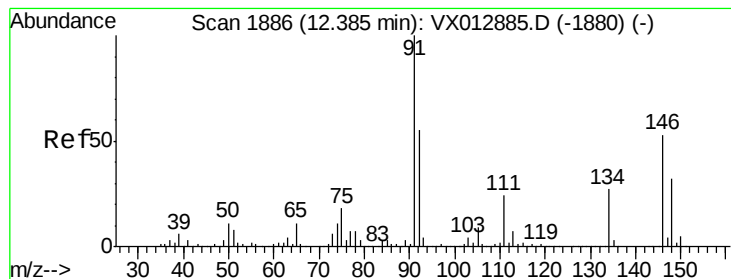
Tot Ion: 91 Resp: 352048  
Ion Ratio Lower Upper  
91 100  
92 55.5 27.5 82.5  
134 25.7 12.9 38.7



#90  
Hexachloroethane  
Concen: 49.063 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion: 117 Resp: 71428  
Ion Ratio Lower Upper  
117 100  
201 70.5 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 52.390 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

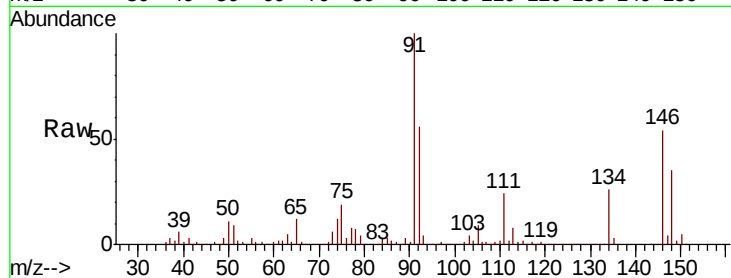
Tot Ion:146 Resp: 202031

Ion Ratio Lower Upper

146 100

111 44.5 22.7 68.0

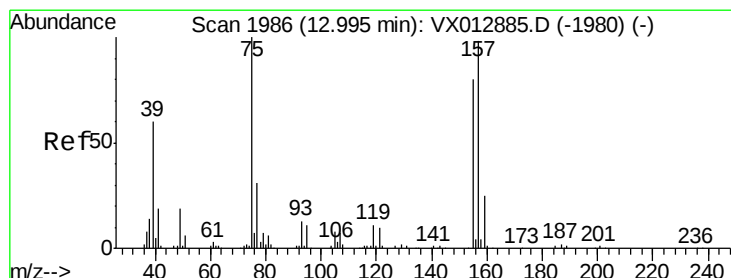
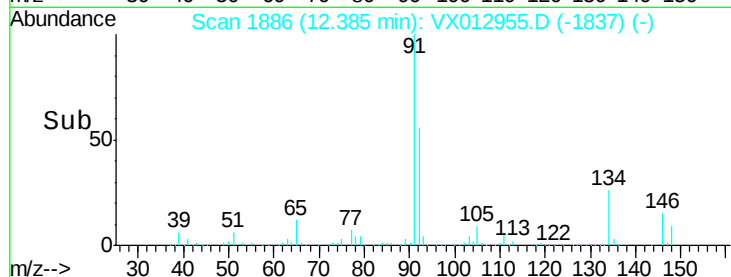
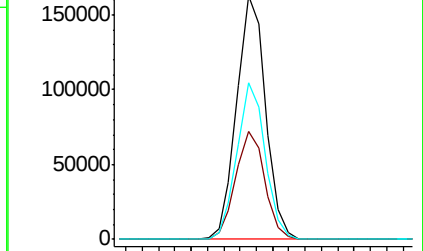
148 63.0 31.6 94.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.320 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

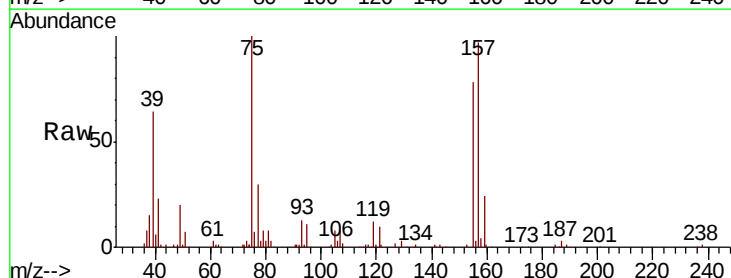
Tgt Ion: 75 Resp: 38765

Ion Ratio Lower Upper

75 100

155 80.6 43.0 128.8

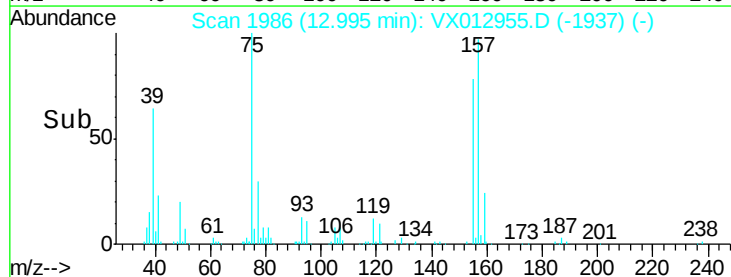
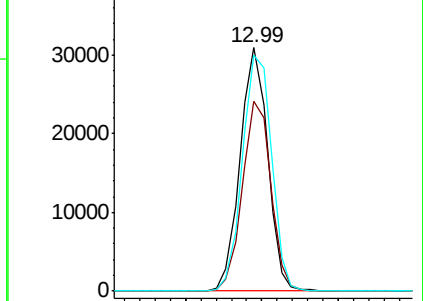
157 102.8 54.1 162.3

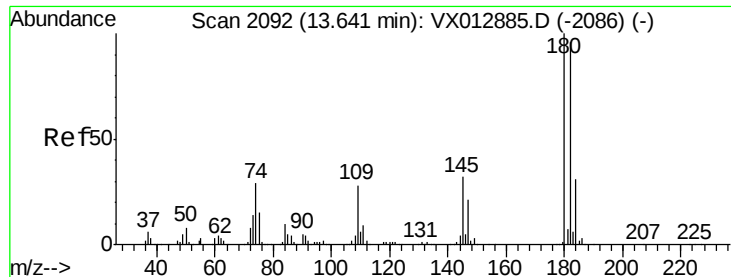


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

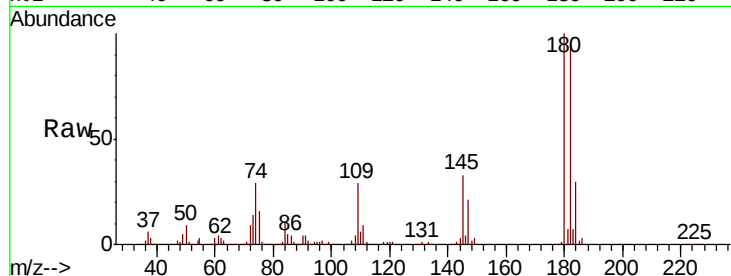




#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.679 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.6  | 46.8  | 140.4 |
| 145     | 33.1  | 16.2  | 48.6  |

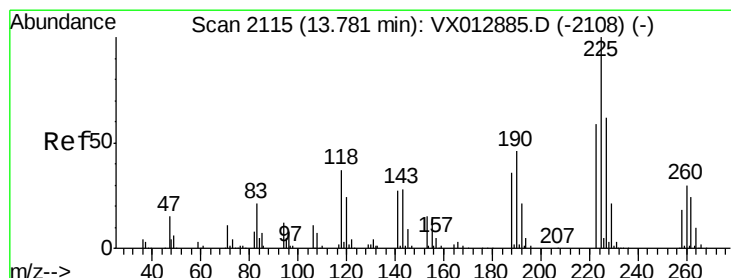
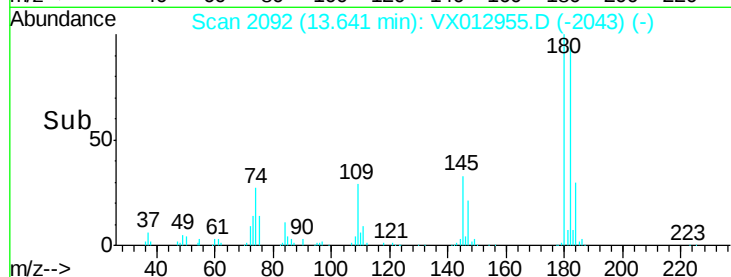
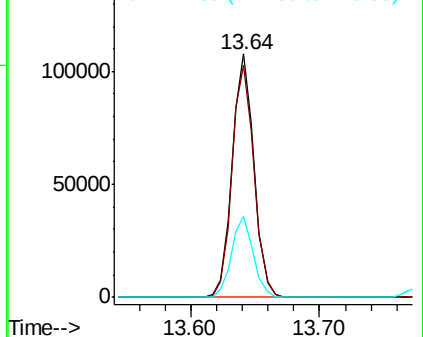


Abundance

Ion 179.80 (179.50 to 180.50): V

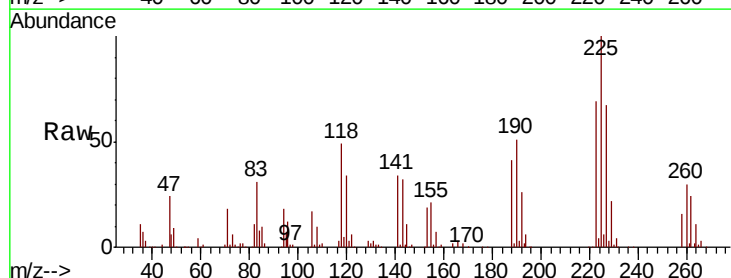
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 49.788 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. -0.01 min  
 Lab File: VX012955.D  
 Acq: 09 Oct 2019 20:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.7  | 31.1  | 93.2  |
| 227     | 65.8  | 32.3  | 96.9  |

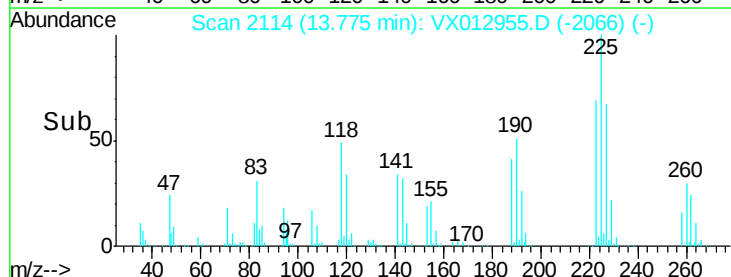
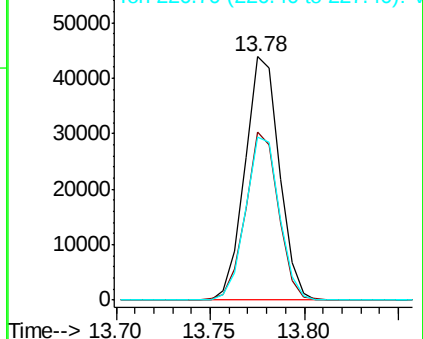


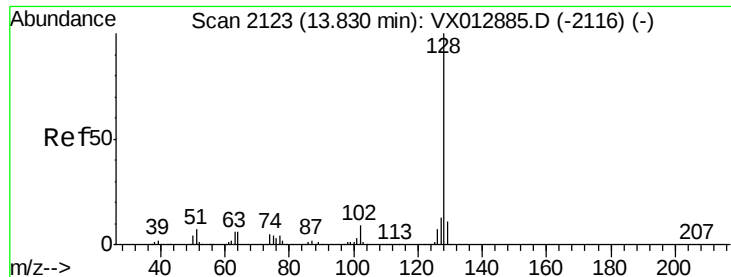
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

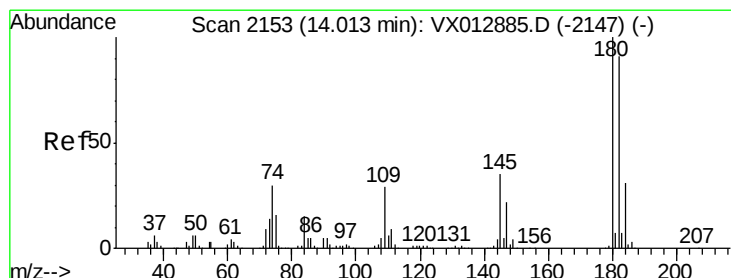
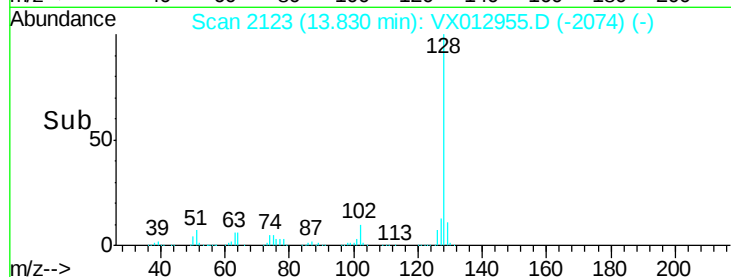
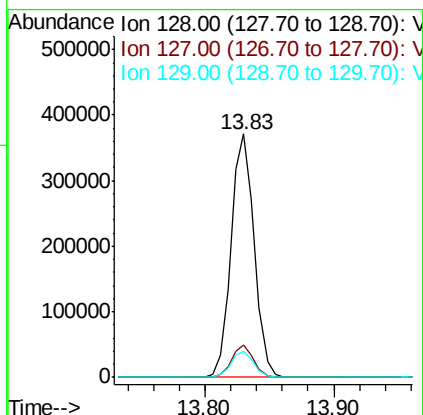
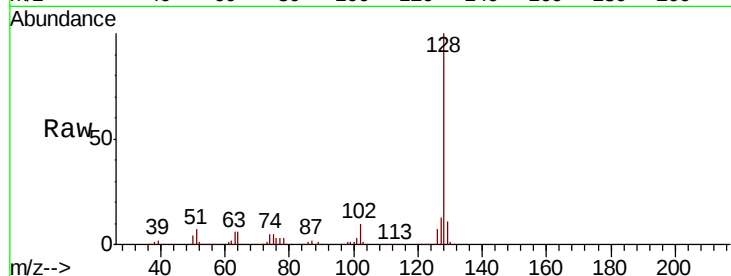




#95  
Naphthalene  
Concen: 55.622 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 465770  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 10.7 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 52.187 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX012955.D  
Acq: 09 Oct 2019 20:01

Tgt Ion:180 Resp: 130276  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.5 142.5  
145 36.1 17.4 52.3

